

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033121.D
 Acq On : 30 Nov 2022 09:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 01 00:10:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/01/2022
 Supervised By : Mahesh Dadoda 12/01/2022

12/01/2022
 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	124421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99655	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	60316	49.585	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.160%
35) Dibromofluoromethane	5.385	113	52363	45.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.647	98	154004	44.668	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.340%#
62) 4-Bromofluorobenzene	11.079	95	69852	46.645	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	38604	40.612	ug/l	98
3) Chloromethane	1.295	50	43847	42.728	ug/l	98
4) Vinyl Chloride	1.374	62	51535	45.103	ug/l	98
5) Bromomethane	1.618	94	40543	47.850	ug/l	94
6) Chloroethane	1.691	64	43395	46.652	ug/l	99
7) Trichlorofluoromethane	1.886	101	105235	47.454	ug/l	97
8) Diethyl Ether	2.130	74	38249	54.785	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	56388	48.377	ug/l	99
10) Methyl Iodide	2.453	142	51549	38.633	ug/l	99
11) Tert butyl alcohol	3.014	59	53925m	280.751	ug/l	
12) 1,1-Dichloroethene	2.319	96	53380	49.163	ug/l	96
13) Acrolein	2.240	56	69623	315.570	ug/l	100
14) Allyl chloride	2.666	41	90312	51.520	ug/l	98
15) Acrylonitrile	3.069	53	147853	272.151	ug/l	99
16) Acetone	2.392	43	154467	272.970	ug/l	98
17) Carbon Disulfide	2.514	76	128714	42.908	ug/l	100
18) Methyl Acetate	2.703	43	86513	55.230	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	210662	55.944	ug/l	99
20) Methylene Chloride	2.788	84	64003	54.474	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	59864	48.199	ug/l	94
22) Diisopropyl ether	3.758	45	213866	56.030	ug/l	95
23) Vinyl Acetate	3.721	43	838814	280.746	ug/l	99
24) 1,1-Dichloroethane	3.611	63	113468	51.949	ug/l	99
25) 2-Butanone	4.562	43	216629	277.625	ug/l	100
26) 2,2-Dichloropropane	4.471	77	91737	52.234	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	75613	53.582	ug/l	99
28) Bromochloromethane	4.898	49	54123	56.393	ug/l	100
29) Tetrahydrofuran	5.007	42	133783	270.199	ug/l	100
30) Chloroform	5.087	83	131442	53.730	ug/l	100
31) Cyclohexane	5.471	56	92711	47.222	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	112543	51.370	ug/l	99
36) 1,1-Dichloropropene	5.690	75	85836	47.089	ug/l	99
37) Ethyl Acetate	4.715	43	84240	52.971	ug/l	99
38) Carbon Tetrachloride	5.678	117	97738	48.334	ug/l	95
39) Methylcyclohexane	7.379	83	97005	46.641	ug/l	98
40) Benzene	6.038	78	257453	50.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48237	53.906	ug/l	97
42) 1,2-Dichloroethane	6.086	62	110353	53.627	ug/l	100
43) Isopropyl Acetate	6.336	43	142469	54.169	ug/l	99
44) Trichloroethene	7.123	130	70057	48.850	ug/l	96
45) 1,2-Dichloropropane	7.428	63	66972	53.025	ug/l	97
46) Dibromomethane	7.580	93	51865	52.627	ug/l	98
47) Bromodichloromethane	7.818	83	103332	54.262	ug/l	99
48) Methyl methacrylate	7.690	41	72868	53.825	ug/l	97
49) 1,4-Dioxane	7.720	88	28391	1139.260	ug/l #	26
51) 4-Methyl-2-Pentanone	8.574	43	446018	274.822	ug/l	99
52) Toluene	8.714	92	171139	50.898	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	108029	52.711	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	114103	55.580	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	73340	53.574	ug/l	99
56) Ethyl methacrylate	9.116	69	107177	56.823	ug/l	97
57) 1,3-Dichloropropane	9.305	76	117651	53.236	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	241365	269.482	ug/l	100
59) 2-Hexanone	9.427	43	332741	277.542	ug/l	98
60) Dibromochloromethane	9.519	129	83264	56.494	ug/l	100
61) 1,2-Dibromoethane	9.610	107	78351	54.225	ug/l	99
64) Tetrachloroethene	9.275	164	60106	44.995	ug/l	96
65) Chlorobenzene	10.080	112	188962	50.221	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	74291	53.887	ug/l	100
67) Ethyl Benzene	10.195	91	337079	50.503	ug/l	100
68) m/p-Xylenes	10.299	106	265604	101.623	ug/l	99
69) o-Xylene	10.640	106	131521	52.008	ug/l	98
70) Styrene	10.653	104	223903	54.119	ug/l	99
71) Bromoform	10.799	173	59242	56.046	ug/l #	98
73) Isopropylbenzene	10.964	105	344228	48.338	ug/l	100
74) N-amyl acetate	10.842	43	130963	54.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	110727	51.517	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101149m	53.594	ug/l	
77) Bromobenzene	11.195	156	86173	49.203	ug/l	98
78) n-propylbenzene	11.305	91	400034	49.132	ug/l	100
79) 2-Chlorotoluene	11.366	91	242768	49.093	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	298694	49.929	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32024	55.154	ug/l	98
82) 4-Chlorotoluene	11.451	91	286029	49.358	ug/l	99
83) tert-Butylbenzene	11.713	119	294405	49.439	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	298862	50.102	ug/l	99
85) sec-Butylbenzene	11.890	105	350890	49.253	ug/l	100
86) p-Isopropyltoluene	12.012	119	301927	50.021	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	164115	49.960	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	166899	49.610	ug/l	99
89) n-Butylbenzene	12.335	91	262805	50.540	ug/l	100
90) Hexachloroethane	12.536	117	50625	51.050	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	160906	50.354	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22750	53.051	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	101402	51.479	ug/l	99
94) Hexachlorobutadiene	13.725	225	40275	46.345	ug/l	99
95) Naphthalene	13.774	128	335476	52.645	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	102029	51.652	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

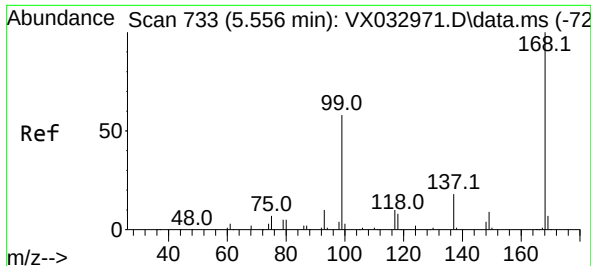
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

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Dadoda

12/01/2022

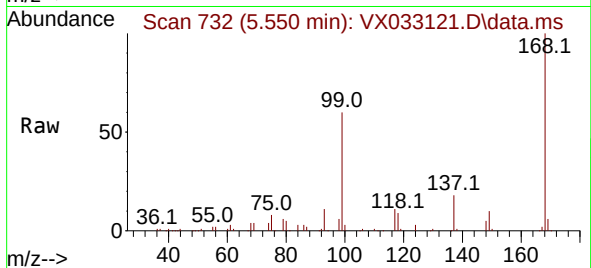
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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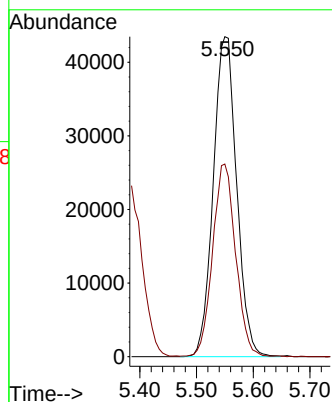
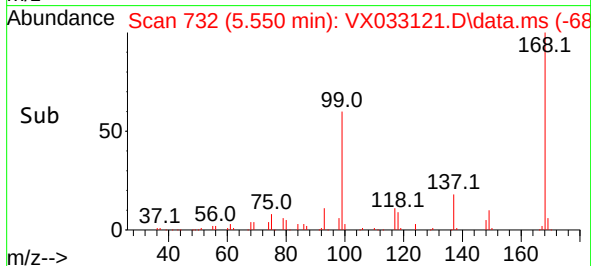
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 12442
Ion Ratio Lower Upper
168 100
99 60.1 46.1 69.1

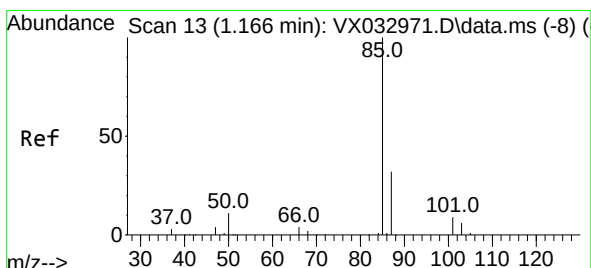
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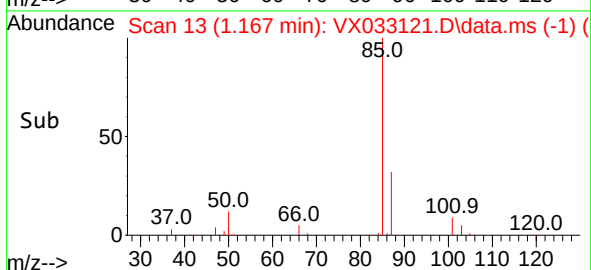
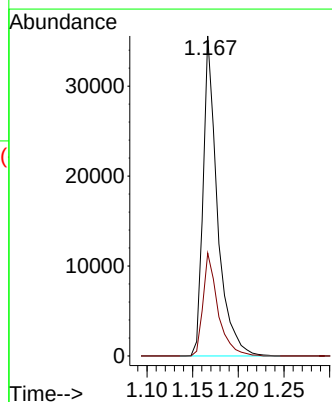
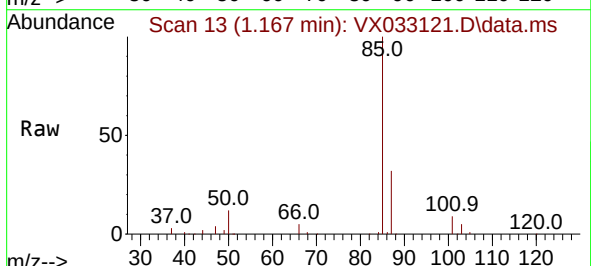
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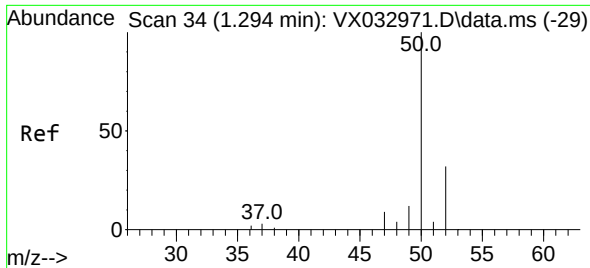
12/01/2022



#2
Dichlorodifluoromethane
Concen: 40.612 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 85 Resp: 38604
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.7





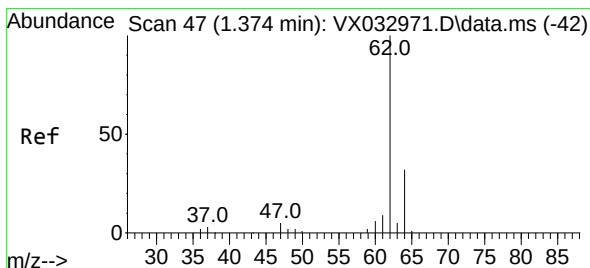
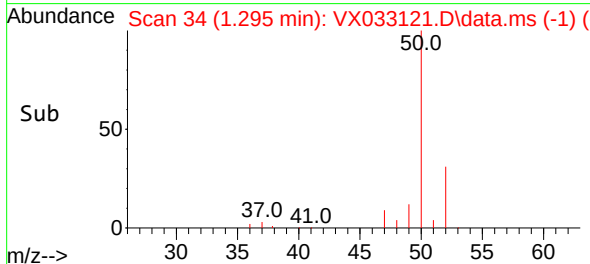
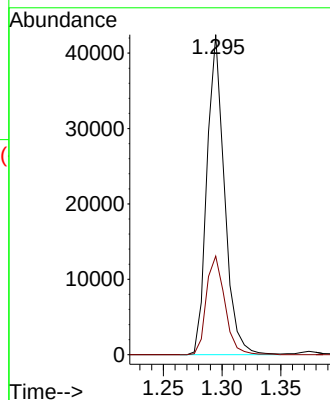
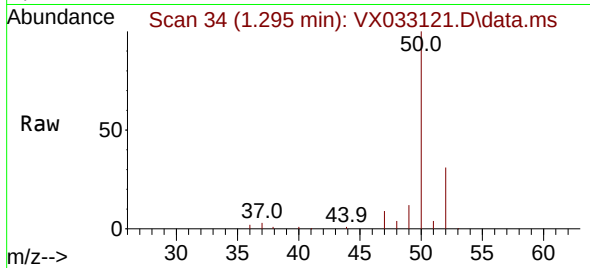
#3
Chloromethane
Concen: 42.728 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 4384
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.2

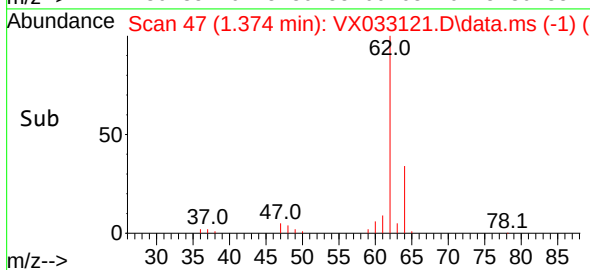
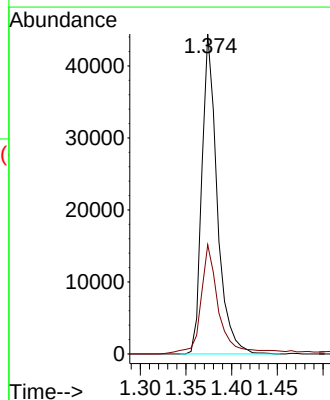
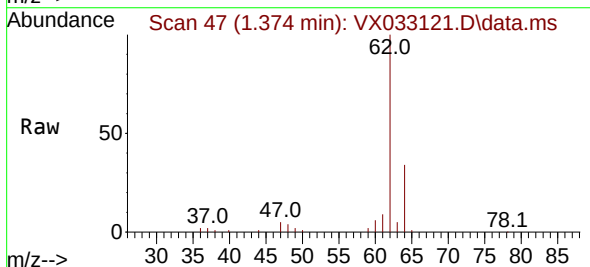
Manual Integrations
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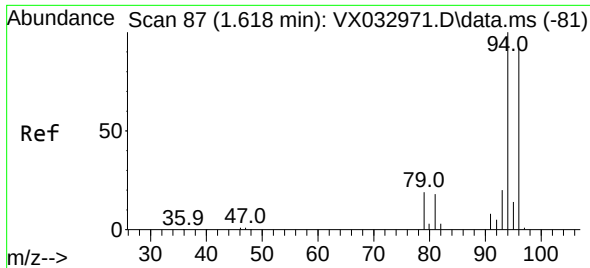
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#4
Vinyl Chloride
Concen: 45.103 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 62 Resp: 51535
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.6





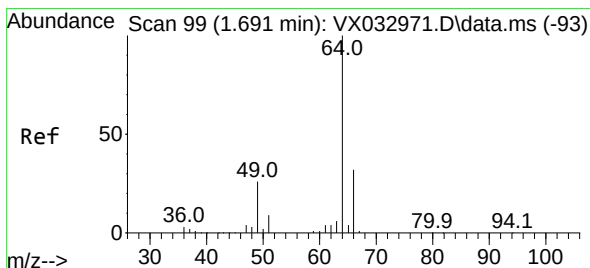
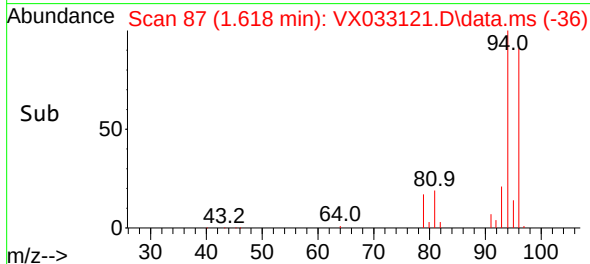
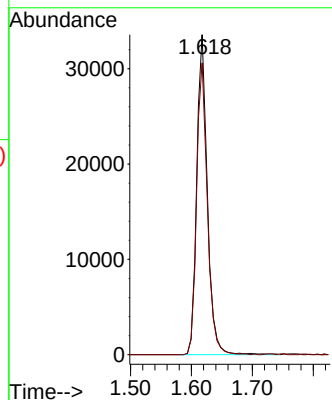
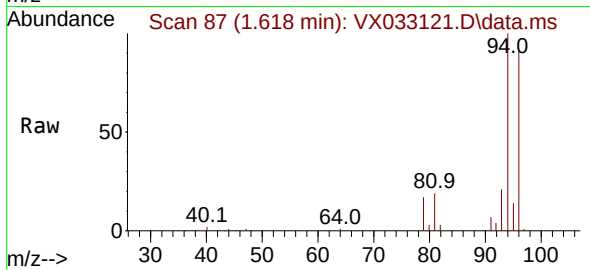
#5
Bromomethane
Concen: 47.850 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 4054
Ion Ratio Lower Upper
94 100
96 91.2 77.6 116.4

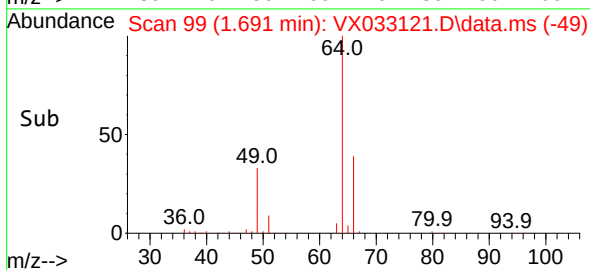
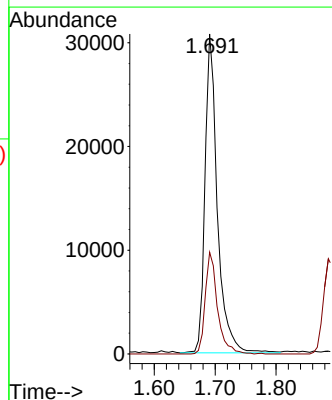
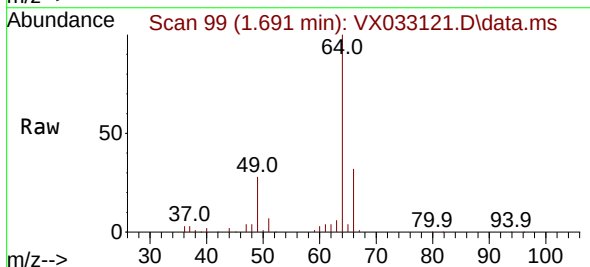
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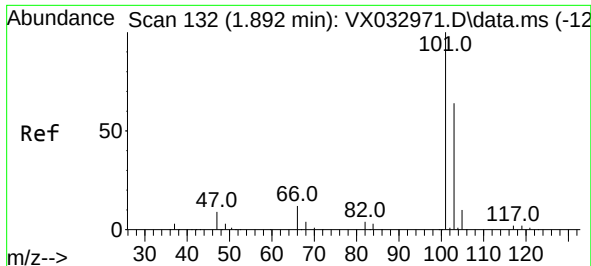
Reviewed By :John Carlone 12/01/2022
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#6
Chloroethane
Concen: 46.652 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 64 Resp: 43395
Ion Ratio Lower Upper
64 100
66 31.9 26.0 39.0





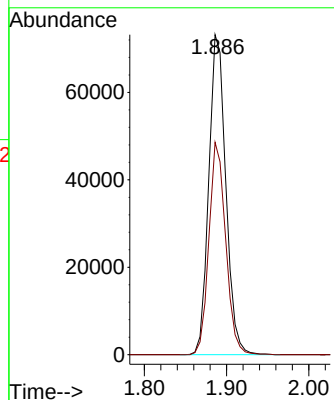
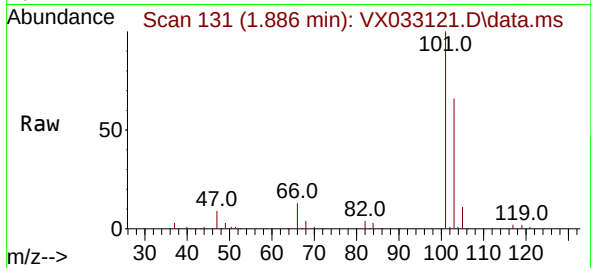
#7
 Trichlorofluoromethane
 Concen: 47.454 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033121.D
 Acq: 30 Nov 2022 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 10523
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.4 77.2

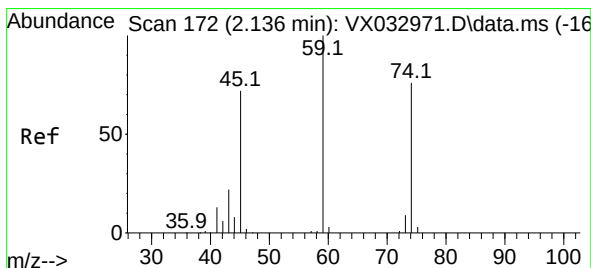
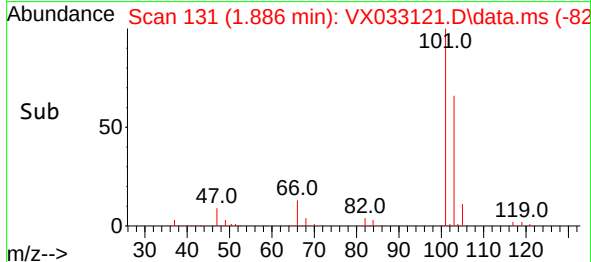
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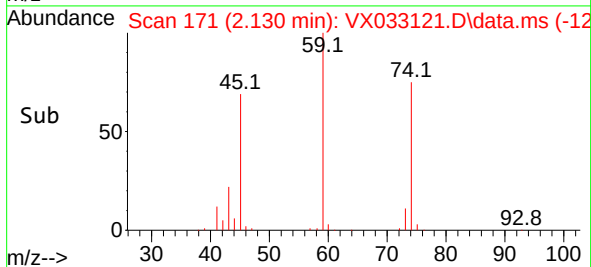
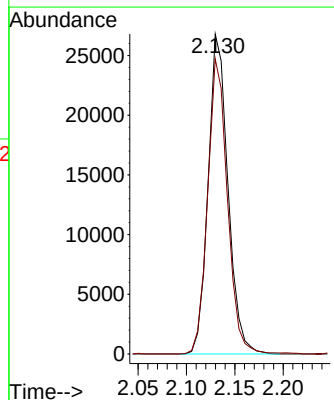
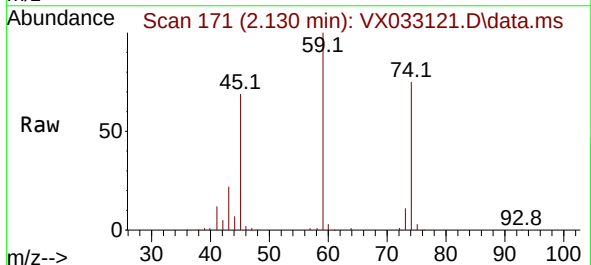
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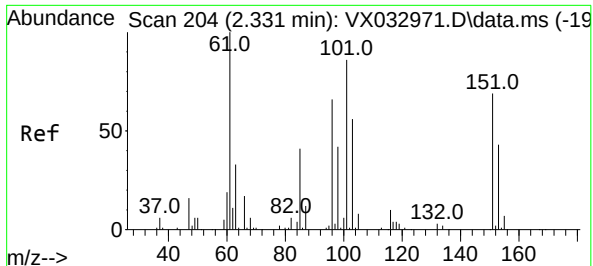
12/01/2022



#8
 Diethyl Ether
 Concen: 54.785 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX033121.D
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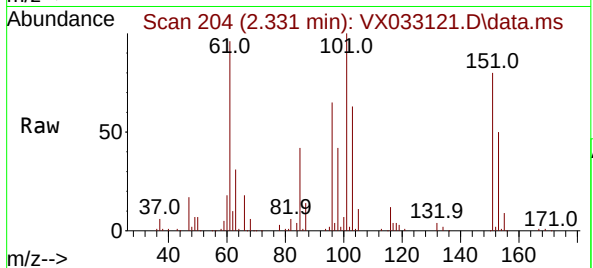
Tgt Ion: 74 Resp: 38249
 Ion Ratio Lower Upper
 74 100
 45 92.4 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.377 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
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VSTDCCC050



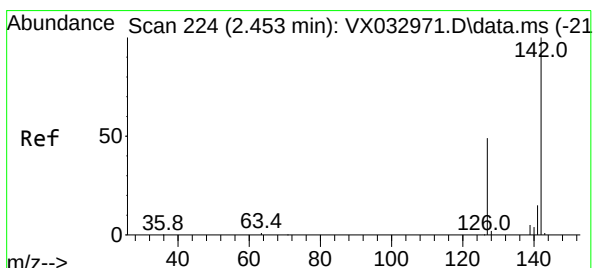
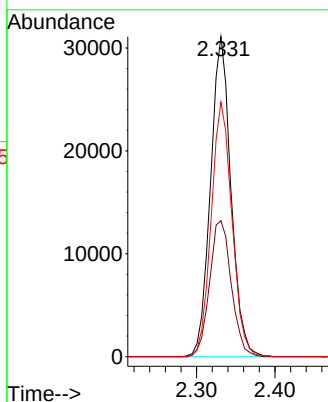
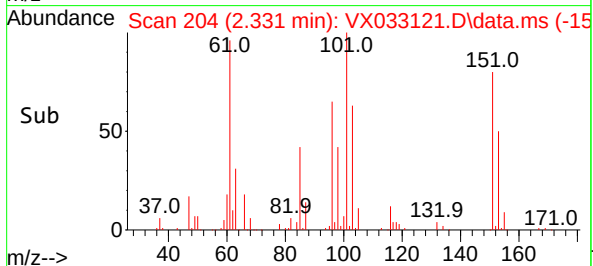
Tgt Ion:101 Resp: 5638
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.4
151 80.8 64.4 96.6

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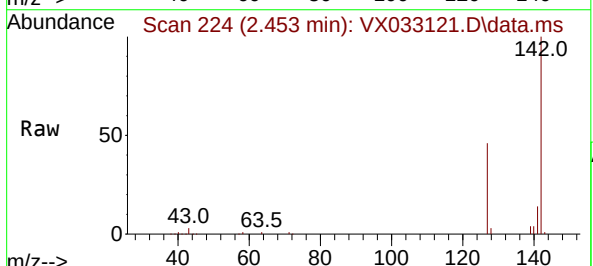
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

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Supervised By :Mahesh
Dadoda

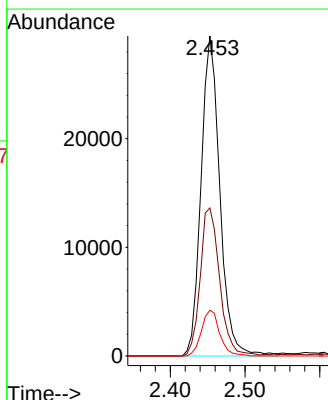
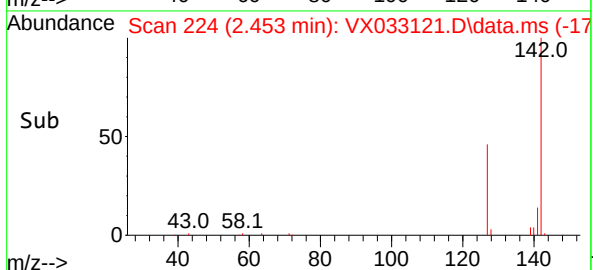
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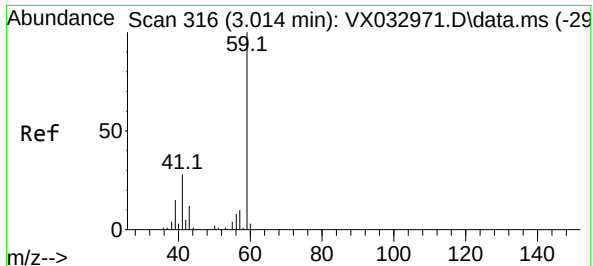


#10
Methyl Iodide
Concen: 38.633 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43



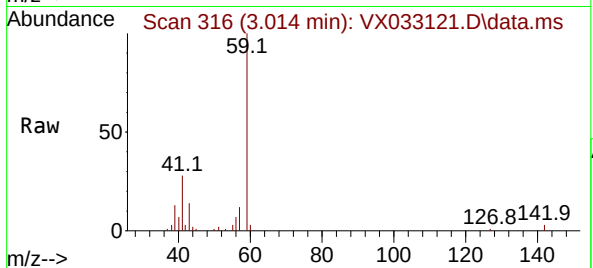
Tgt Ion:142 Resp: 51549
Ion Ratio Lower Upper
142 100
127 47.6 38.6 57.8
141 13.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 280.751 ug/l m
RT: 3.014 min Scan# 316
Delta R.T. 0.049 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

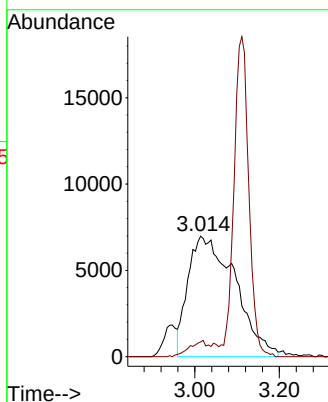
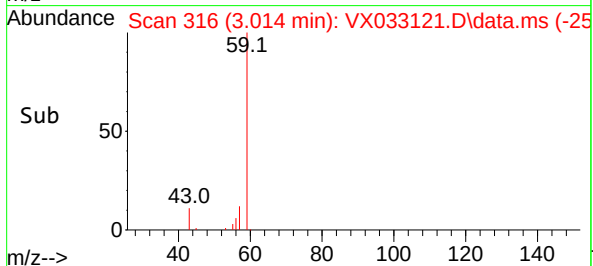
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 53925
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

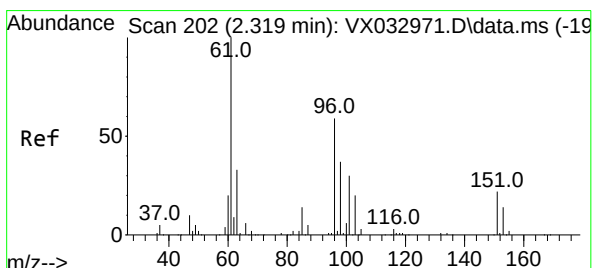
Manual Integrations
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Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

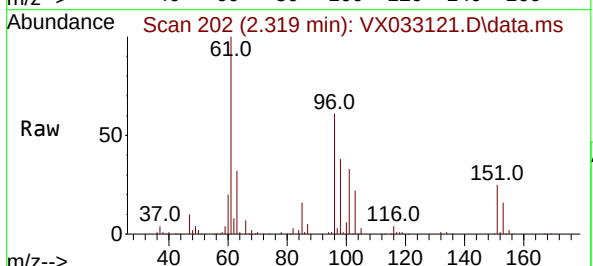


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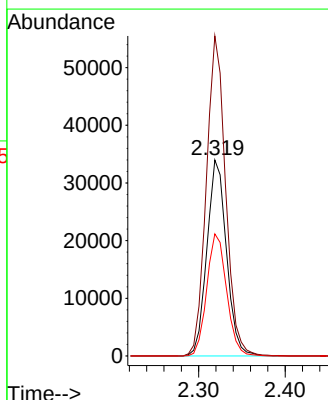
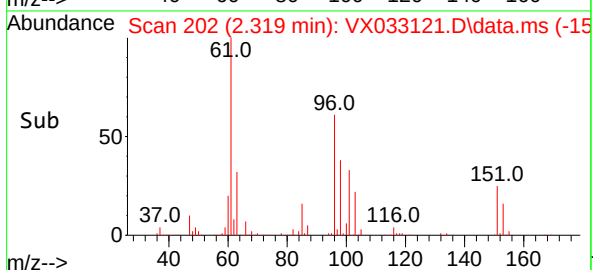
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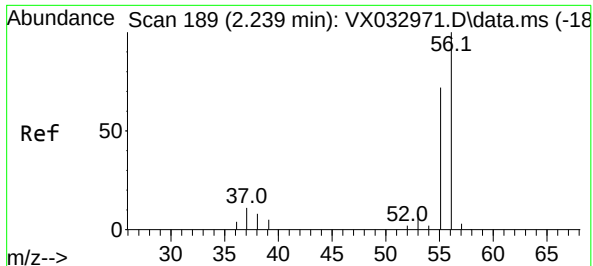


#12
1,1-Dichloroethene
Concen: 49.163 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43



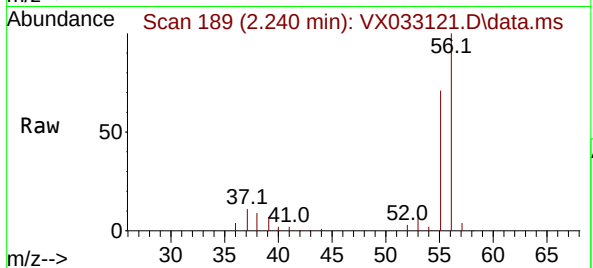
Tgt Ion: 96 Resp: 53380
Ion Ratio Lower Upper
96 100
61 163.2 125.1 187.7
98 62.3 50.6 76.0





#13
Acrolein
Concen: 315.570 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

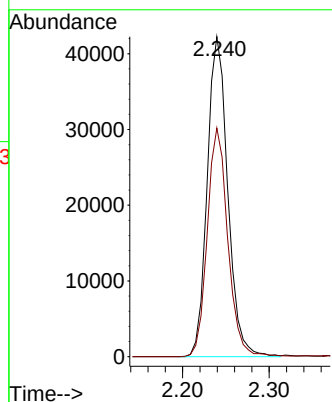
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 6962
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

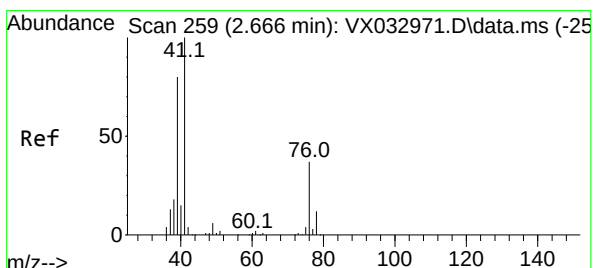
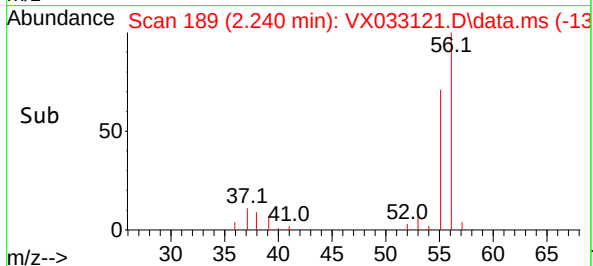
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Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



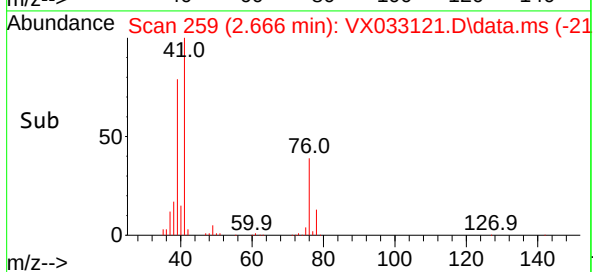
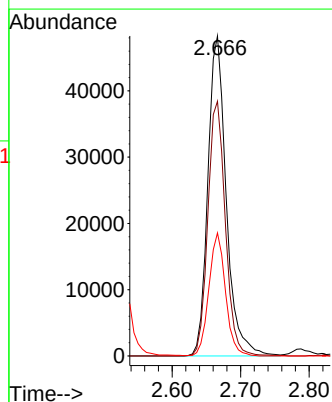
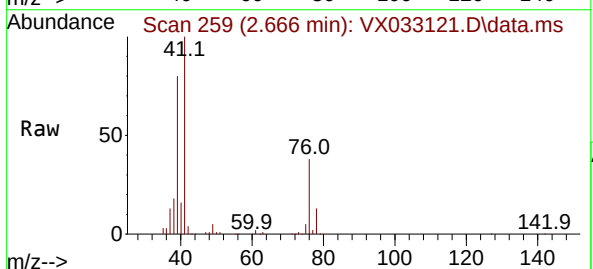
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Supervised By :Mahesh
Dadoda

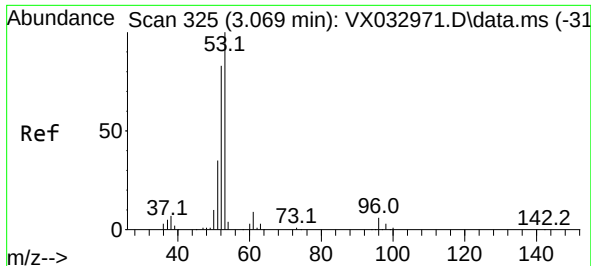
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#14
Allyl chloride
Concen: 51.520 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

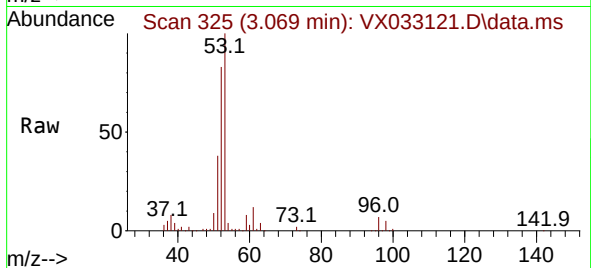
Tgt Ion: 41 Resp: 90312
Ion Ratio Lower Upper
41 100
39 75.6 61.4 92.2
76 34.7 29.2 43.8





#15
Acrylonitrile
Concen: 272.151 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



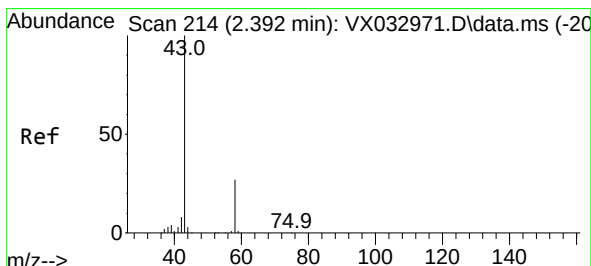
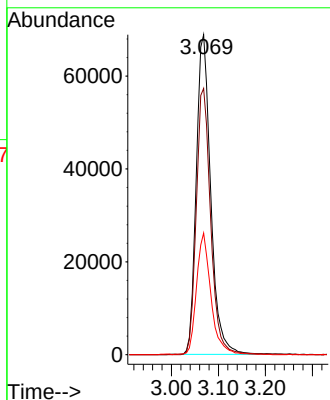
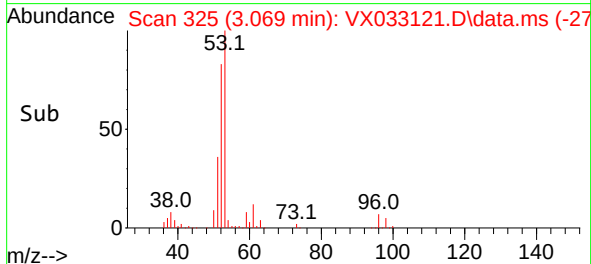
Tgt Ion: 53 Resp: 14785
Ion Ratio Lower Upper
53 100
52 82.8 67.4 101.0
51 38.2 30.3 45.5

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Supervised By :Mahesh Dadoda 12/01/2022

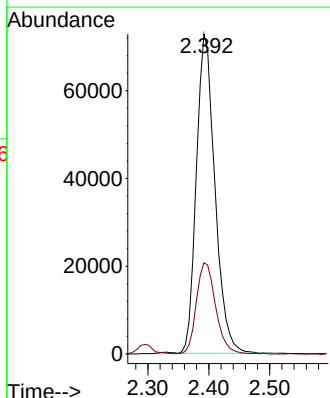
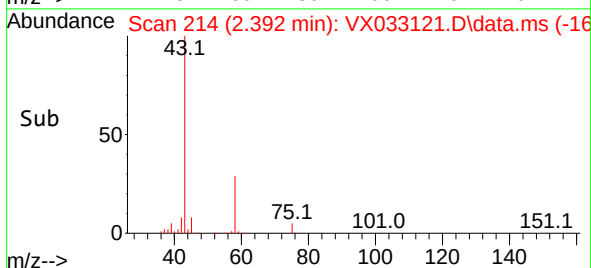
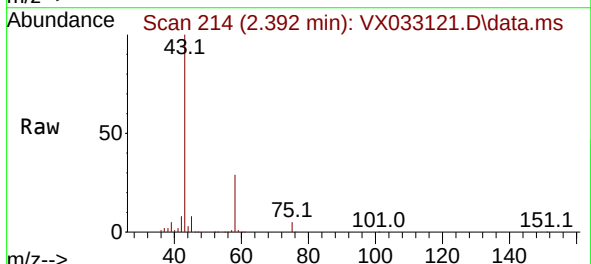
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Supervised By :Mahesh
Dadoda

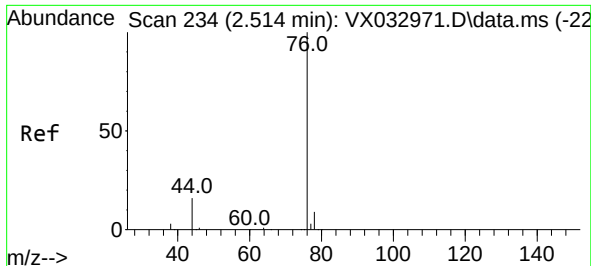
12/01/2022



#16
Acetone
Concen: 272.970 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 43 Resp: 154467
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.8





#17

Carbon Disulfide

Concen: 42.908 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 128714

Ion Ratio Lower Upper

76 100

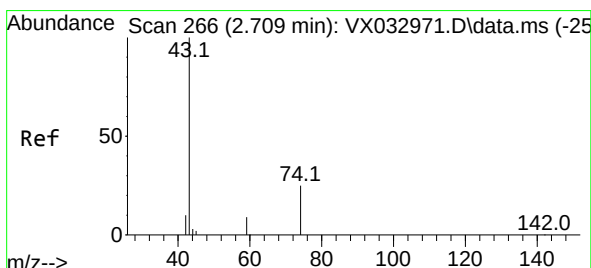
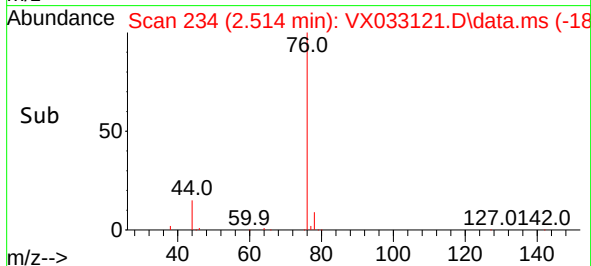
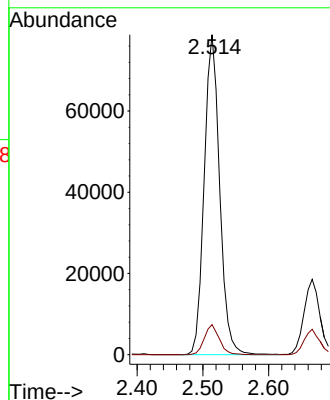
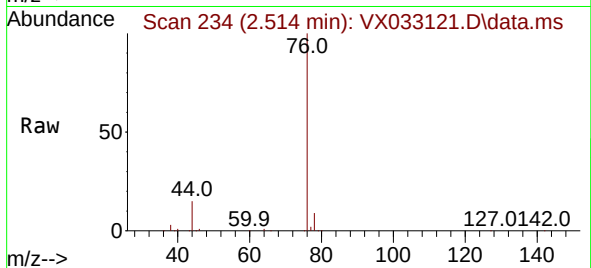
78 9.4 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 55.230 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX033121.D

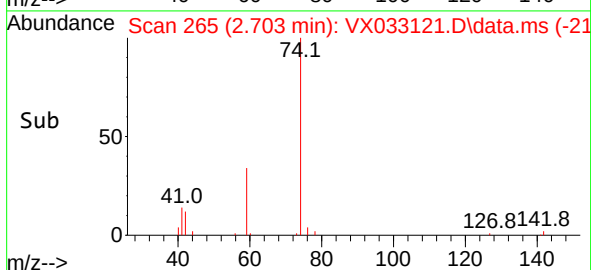
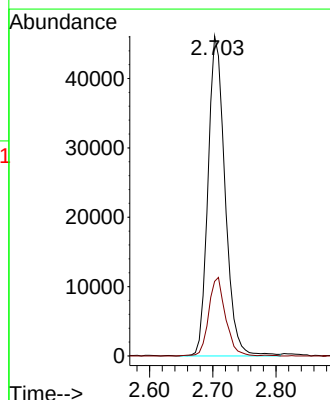
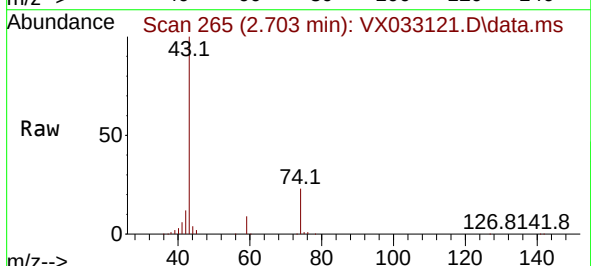
Acq: 30 Nov 2022 09:43

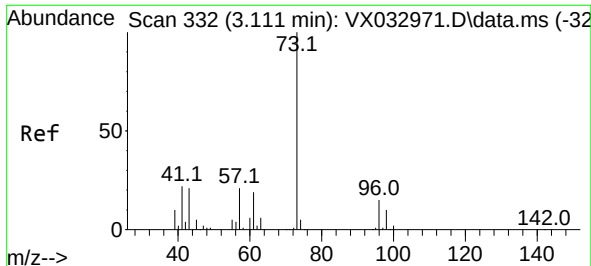
Tgt Ion: 43 Resp: 86513

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 55.944 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 21066

Ion Ratio Lower Upper

73 100

57 20.4 16.6 25.0

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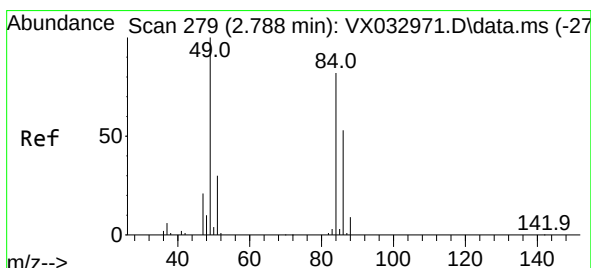
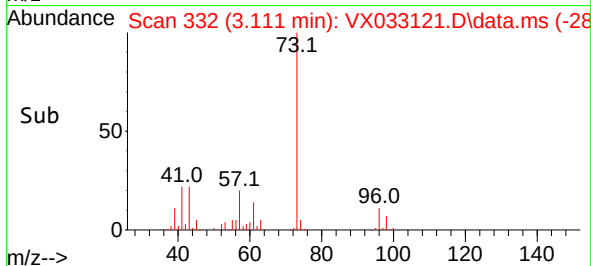
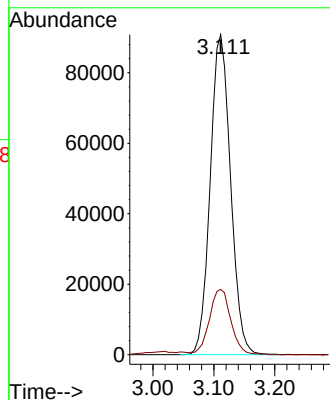
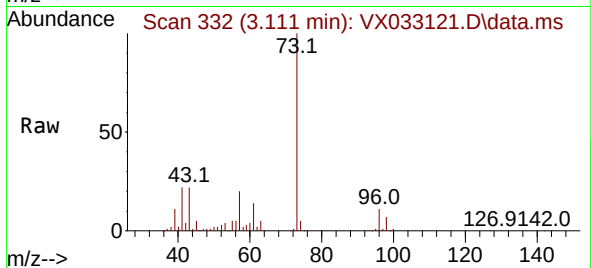
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12/01/2022

Supervised By :Mahesh
Dadoda

12/01/2022



#20

Methylene Chloride

Concen: 54.474 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Tgt Ion: 84 Resp: 64003

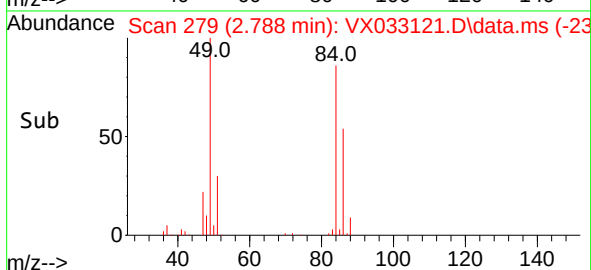
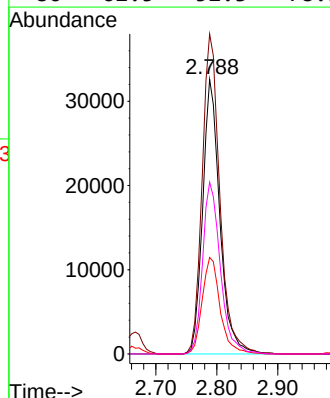
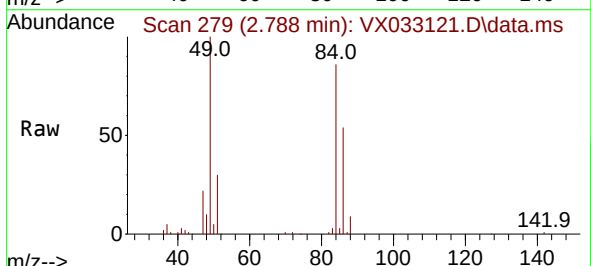
Ion Ratio Lower Upper

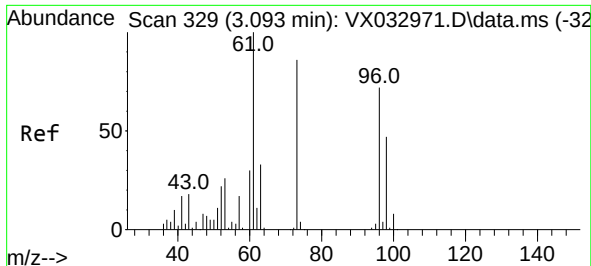
84 100

49 116.5 101.0 151.6

51 35.1 31.1 46.7

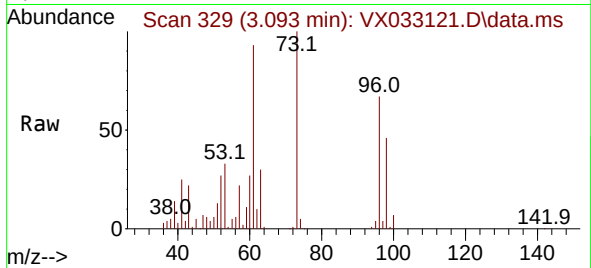
86 62.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 48.199 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



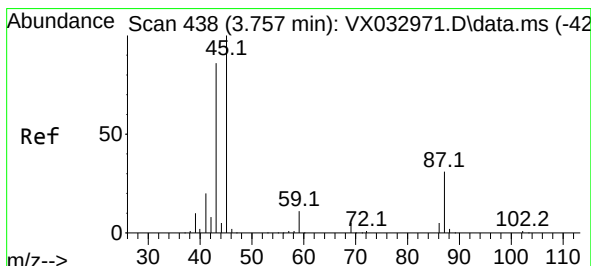
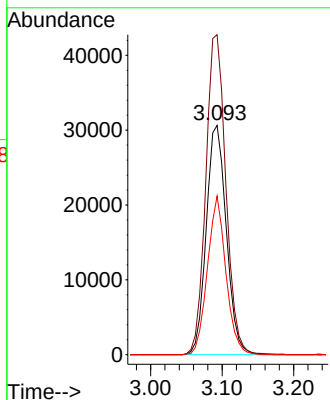
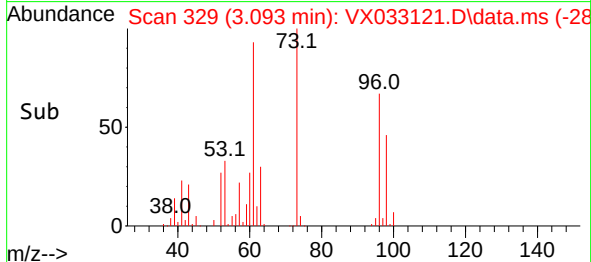
Tgt Ion: 96 Resp: 59864
Ion Ratio Lower Upper
96 100
61 139.6 106.6 160.0
98 69.1 51.0 76.6

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Supervised By :Mahesh Dadoda 12/01/2022

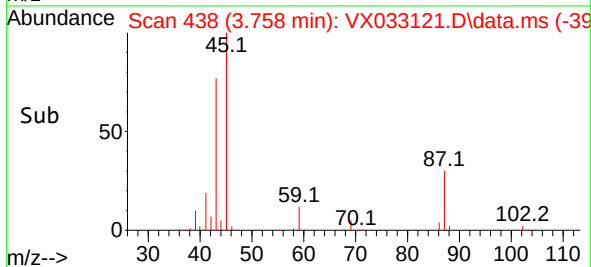
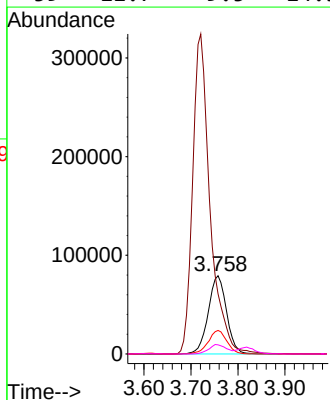
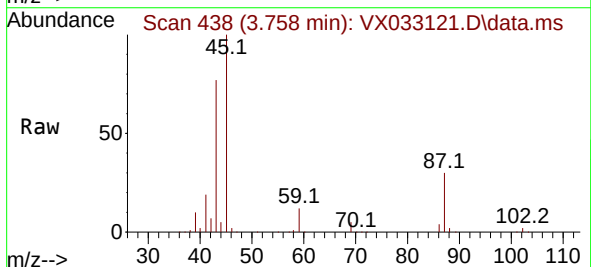
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Dadoda

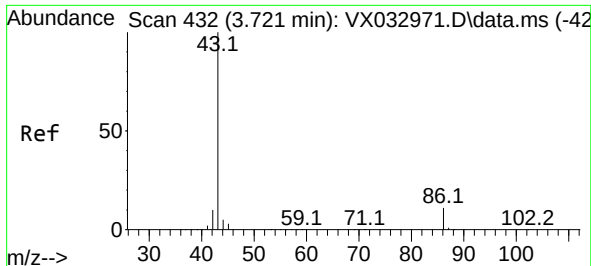
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#22
Diisopropyl ether
Concen: 56.030 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.005 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 45 Resp: 213866
Ion Ratio Lower Upper
45 100
43 76.4 56.4 84.6
87 30.1 24.4 36.6
59 11.7 9.5 14.3





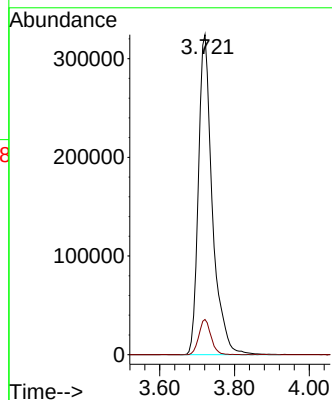
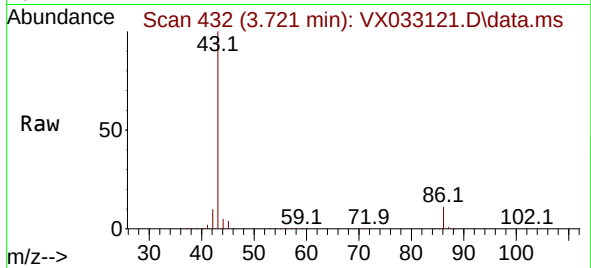
#23
 Vinyl Acetate
 Concen: 280.746 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033121.D
 Acq: 30 Nov 2022 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 838814
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8

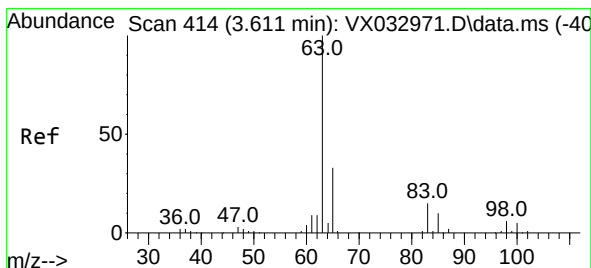
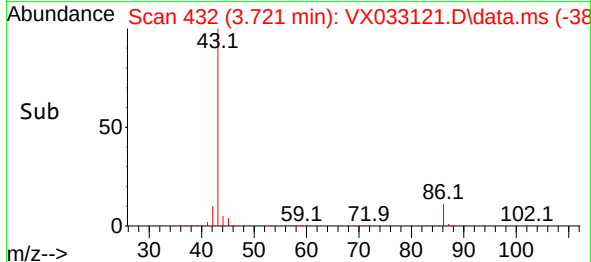
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 Supervised By :Mahesh Dadoda 12/01/2022



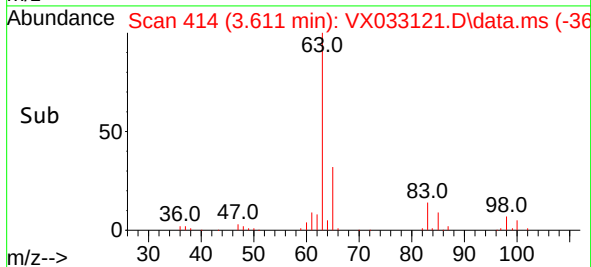
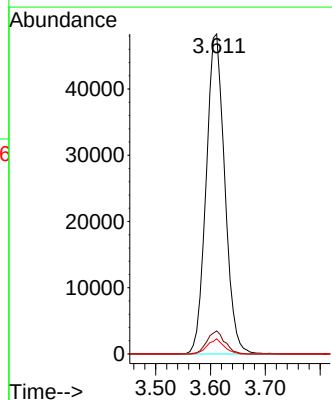
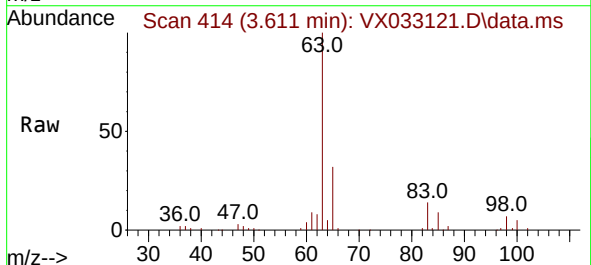
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 Dadoda

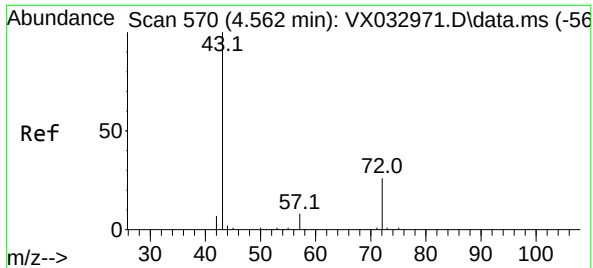
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#24
 1,1-Dichloroethane
 Concen: 51.949 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033121.D
 Acq: 30 Nov 2022 09:43

Tgt Ion: 63 Resp: 113468
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.8 2.3 6.8





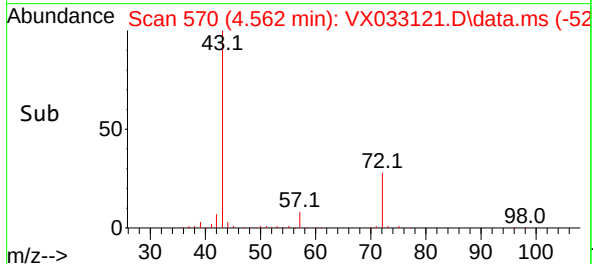
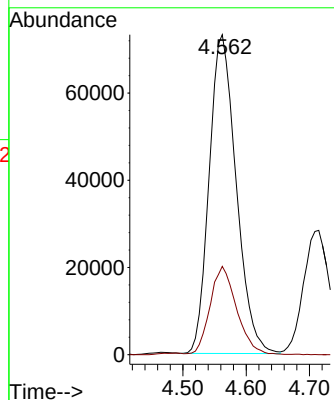
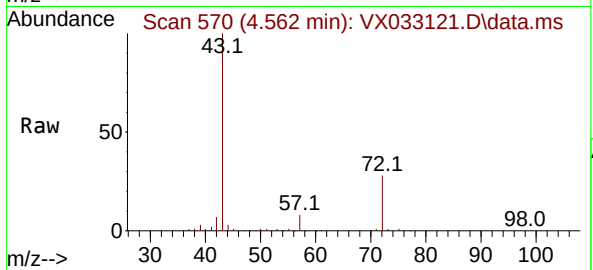
#25
2-Butanone
Concen: 277.625 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 216629
Ion Ratio Lower Upper
43 100
72 27.6 22.2 33.2

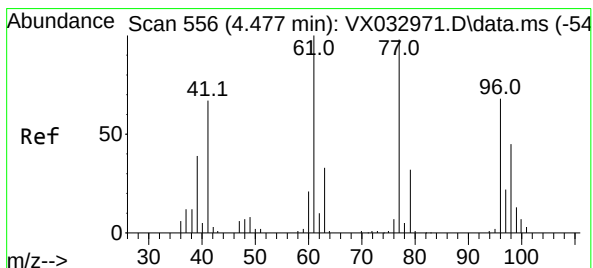
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Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



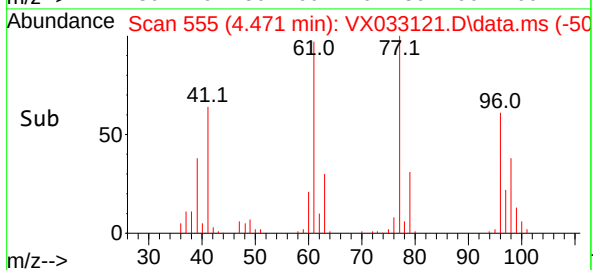
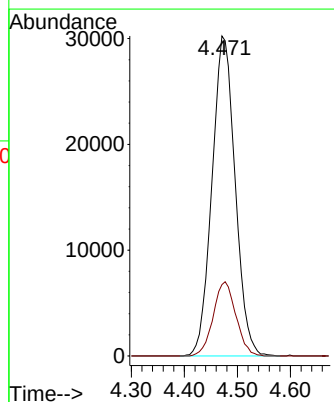
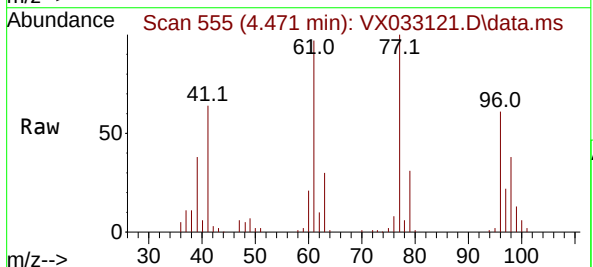
12/01/2022
Supervised By :Mahesh
Dadoda

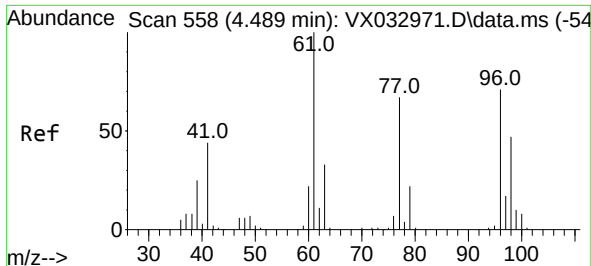
12/01/2022



#26
2,2-Dichloropropane
Concen: 52.234 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 77 Resp: 91737
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.582 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7561

Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	286.0
98	63.6	0.0	129.6

Manual Integrations

APPROVED

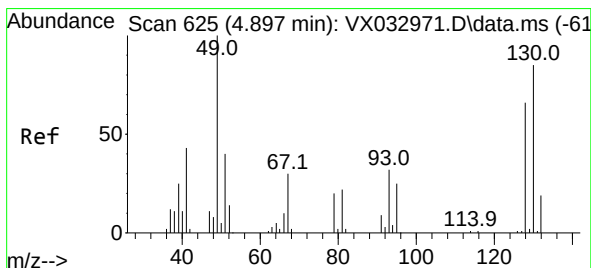
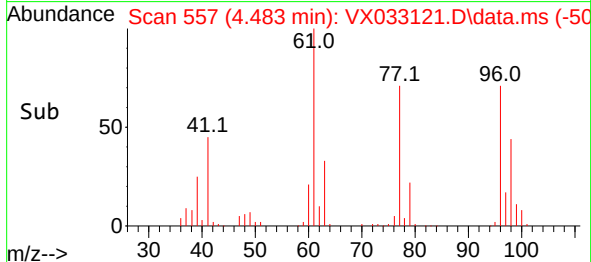
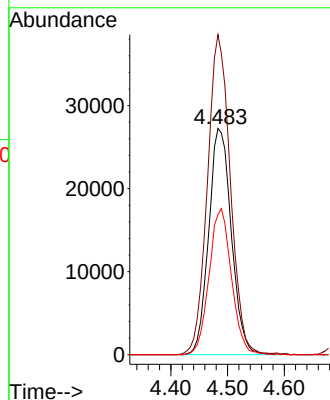
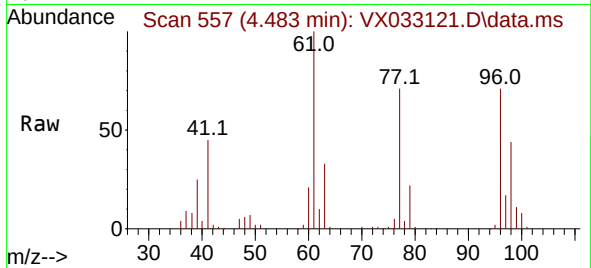
Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022

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Supervised By :Mahesh
Dadoda

12/01/2022



#28

Bromochloromethane

Concen: 56.393 ug/l

RT: 4.898 min Scan# 625

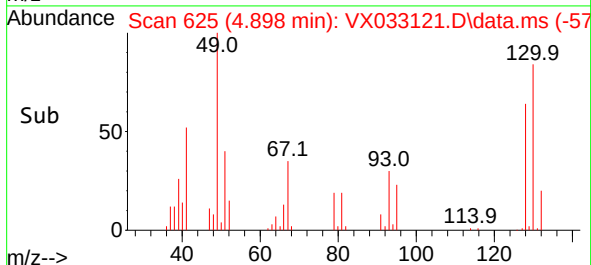
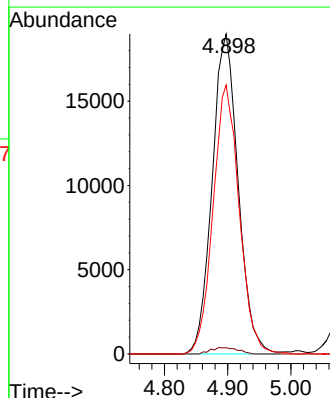
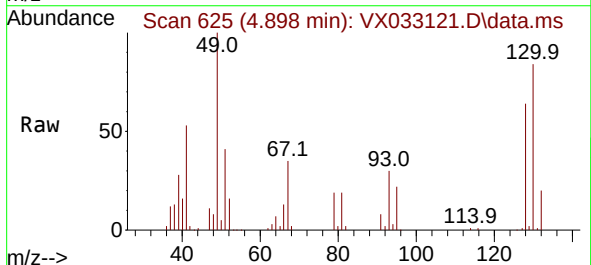
Delta R.T. -0.006 min

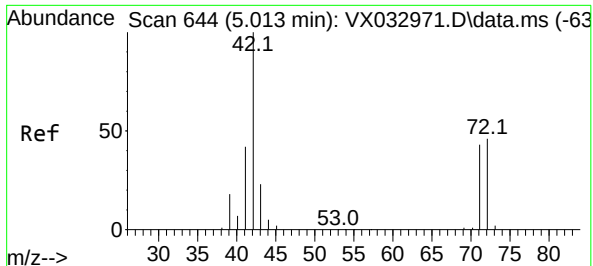
Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Tgt Ion: 49 Resp: 54123

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	84.5	67.5	101.3





#29

Tetrahydrofuran

Concen: 270.199 ug/l

RT: 5.007 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 13378

Ion Ratio Lower Upper

42 100

72 47.2 37.6 56.4

71 43.8 34.7 52.1

Manual Integrations

APPROVED

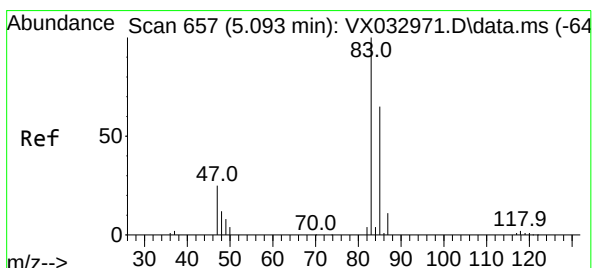
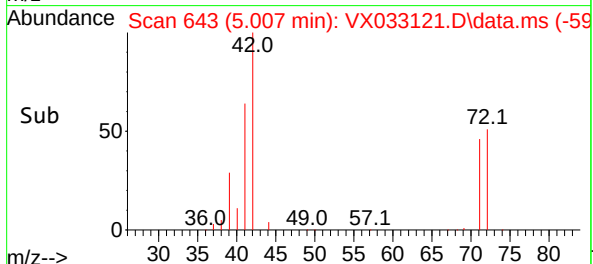
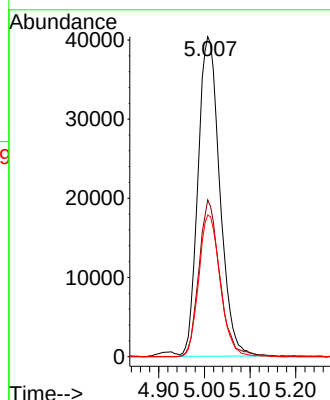
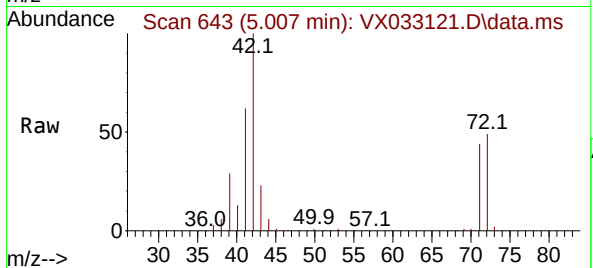
Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022

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Supervised By :Mahesh
Dadoda

12/01/2022



#30

Chloroform

Concen: 53.730 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX033121.D

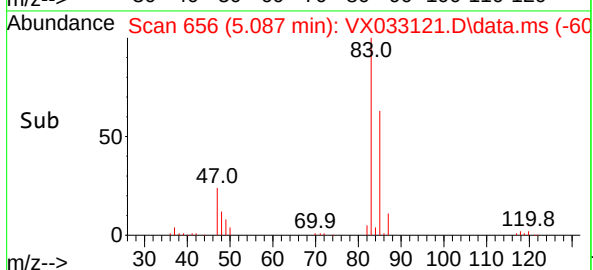
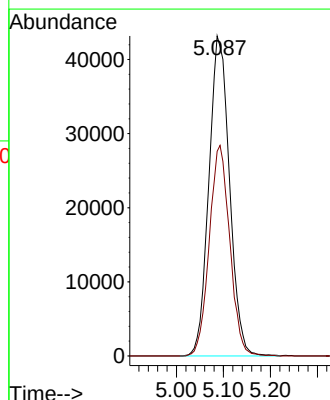
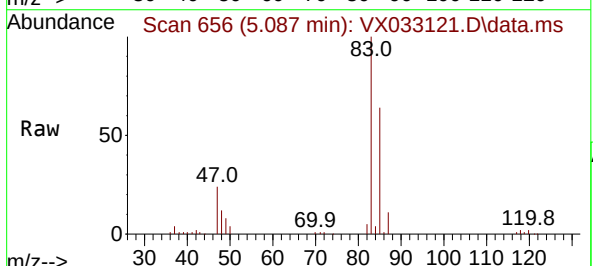
Acq: 30 Nov 2022 09:43

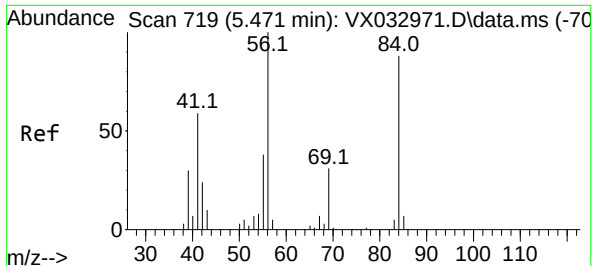
Tgt Ion: 83 Resp: 131442

Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7





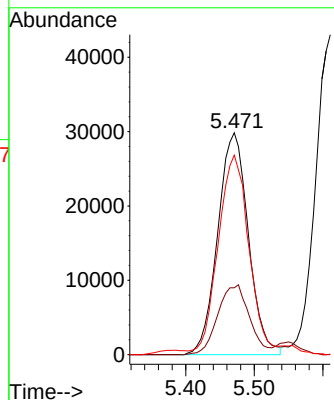
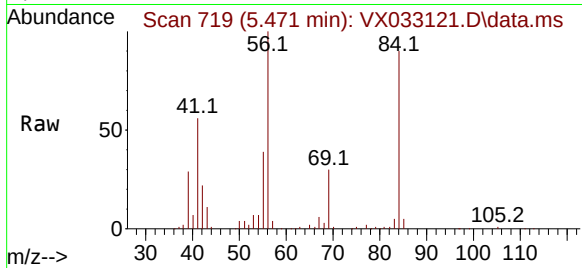
#31
Cyclohexane
Concen: 47.222 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 9271
Ion Ratio Lower Upper
56 100
69 30.1 24.1 36.1
84 88.0 66.9 100.3

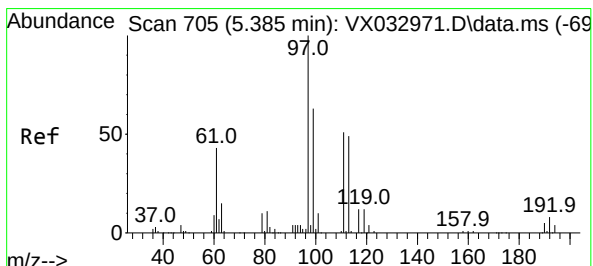
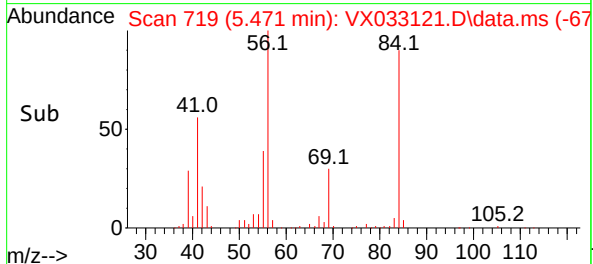
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



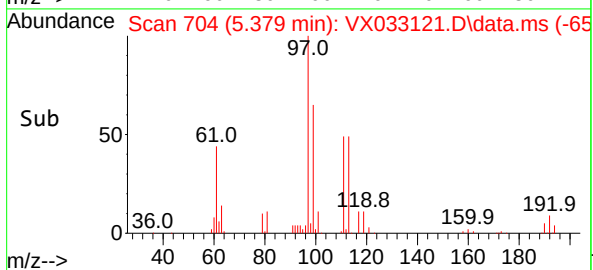
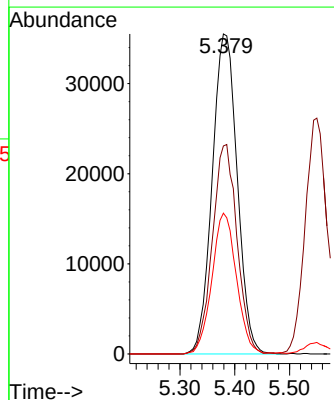
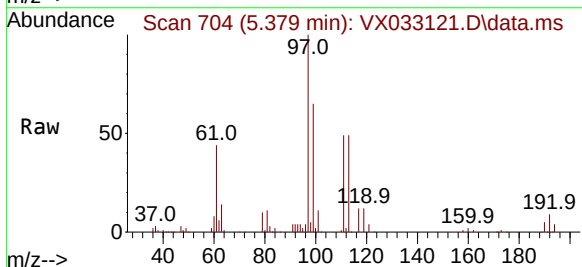
12/01/2022
Supervised By :Mahesh
Dadoda

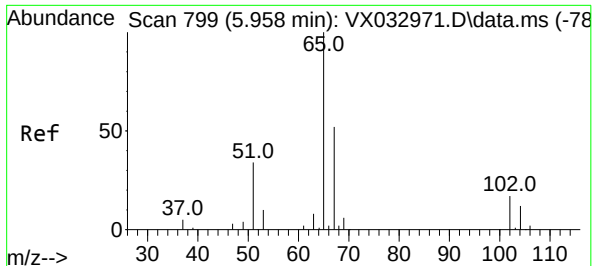
12/01/2022



#32
1,1,1-Trichloroethane
Concen: 51.370 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 97 Resp: 112543
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 43.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.585 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 60310

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8

Manual Integrations

APPROVED

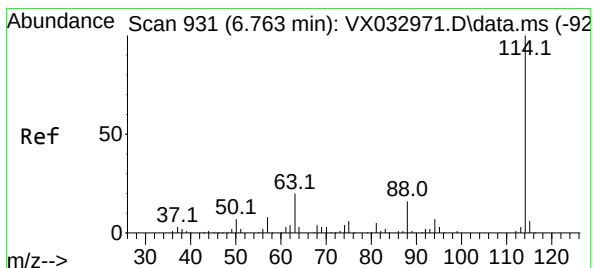
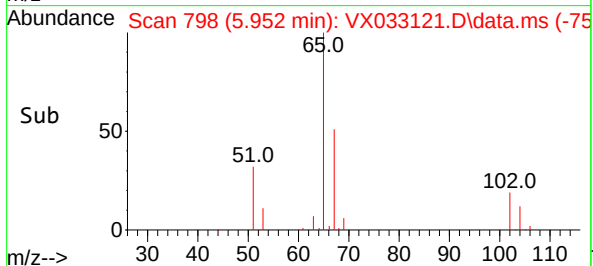
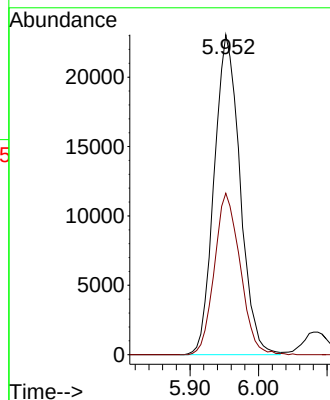
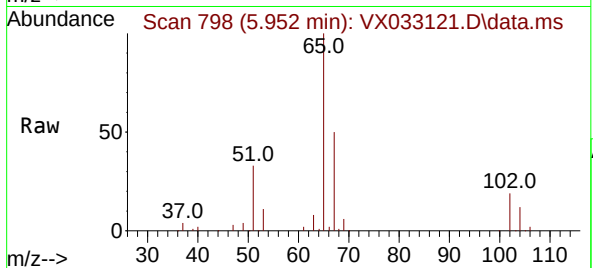
Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022

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Supervised By :Mahesh
Dadoda

12/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

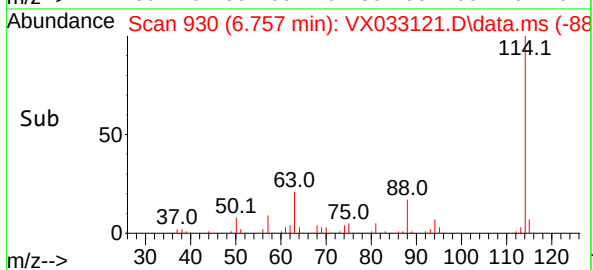
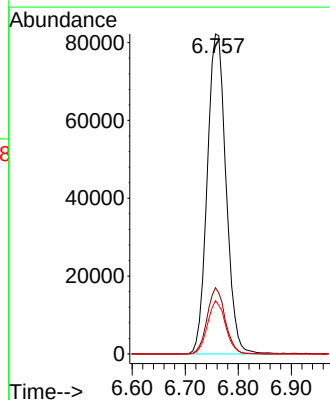
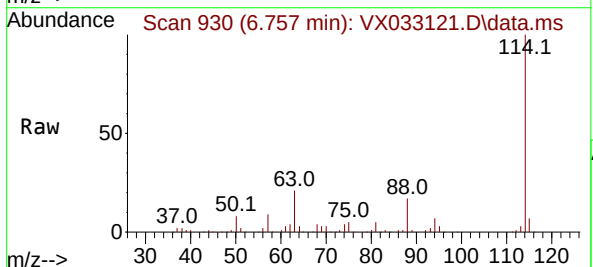
Tgt Ion:114 Resp: 202215

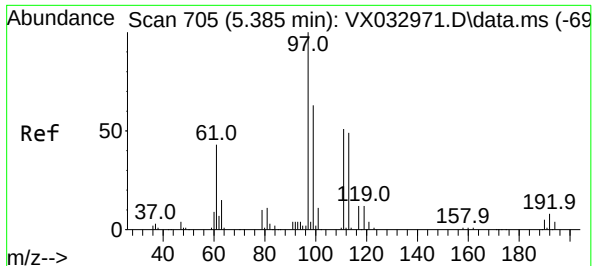
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

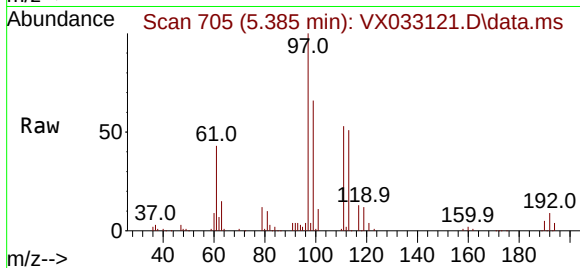
88 16.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 45.932 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



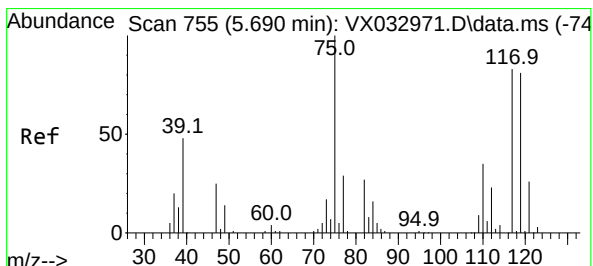
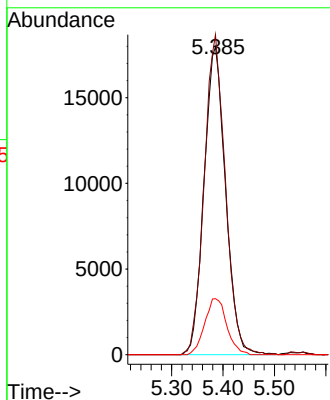
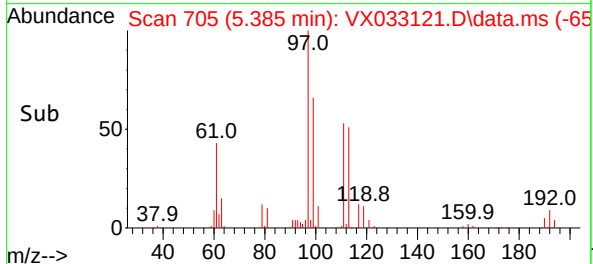
Tgt Ion:113 Resp: 5236
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 18.6 15.4 23.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

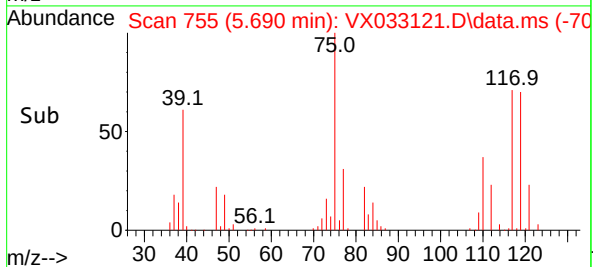
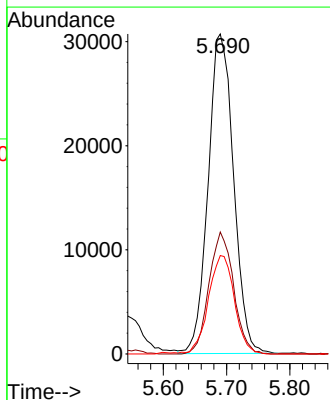
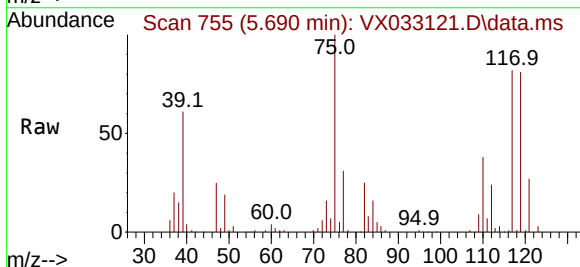
12/01/2022
Supervised By :Mahesh
Dadoda

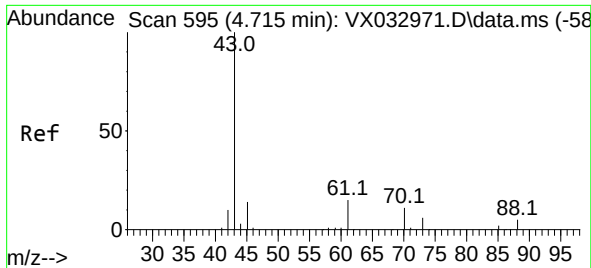
12/01/2022



#36
1,1-Dichloropropene
Concen: 47.089 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

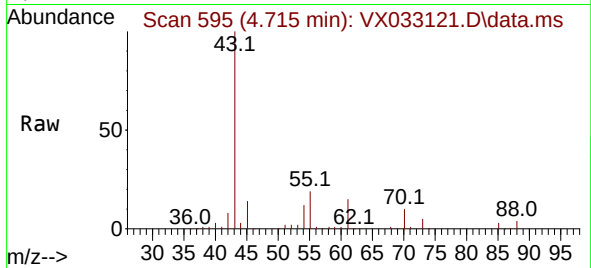
Tgt Ion: 75 Resp: 85836
Ion Ratio Lower Upper
75 100
110 36.9 18.4 55.2
77 31.4 24.5 36.7





#37
Ethyl Acetate
Concen: 52.971 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



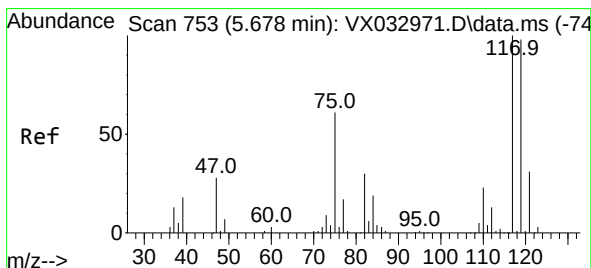
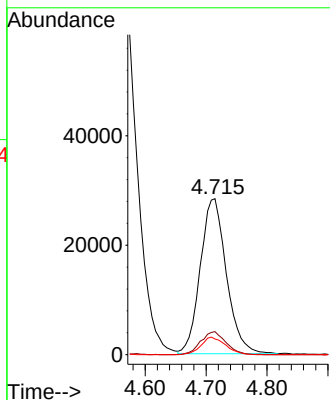
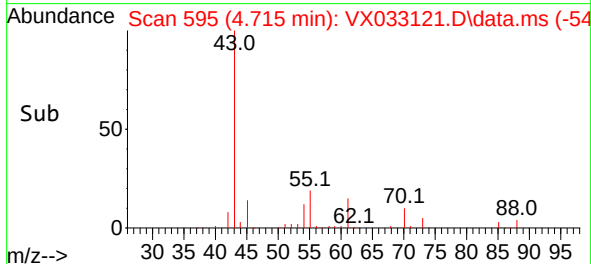
Tgt Ion: 43 Resp: 84240
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 10.6 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

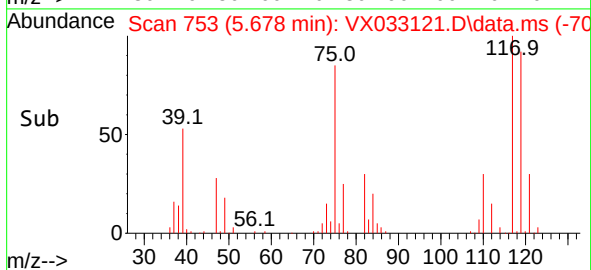
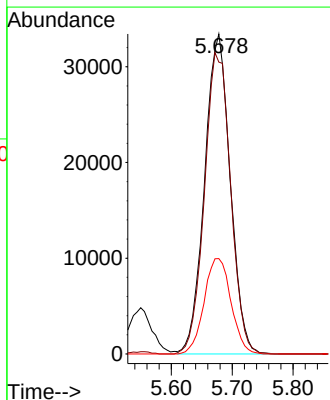
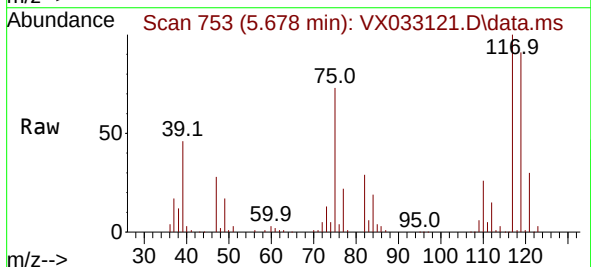
12/01/2022
Supervised By :Mahesh
Dadoda

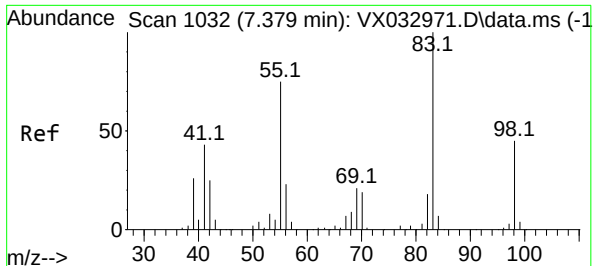
12/01/2022



#38
Carbon Tetrachloride
Concen: 48.334 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion:117 Resp: 97738
Ion Ratio Lower Upper
117 100
119 91.2 77.2 115.8
121 29.8 25.8 38.6





#39

Methylcyclohexane

Concen: 46.641 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 97000

Ion	Ratio	Lower	Upper
83	100		
55	74.2	58.4	87.6
98	47.9	37.2	55.8

Manual Integrations

APPROVED

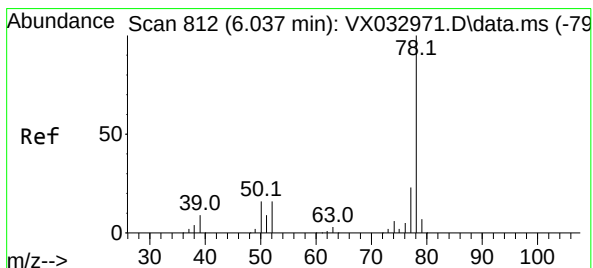
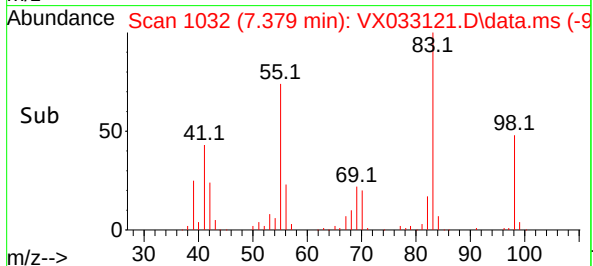
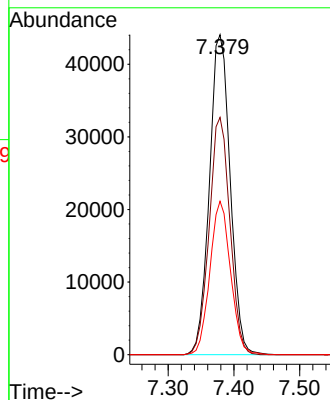
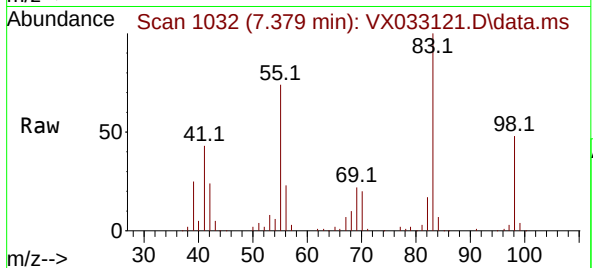
Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022

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Supervised By :Mahesh
Dadoda

12/01/2022



#40

Benzene

Concen: 50.374 ug/l

RT: 6.038 min Scan# 812

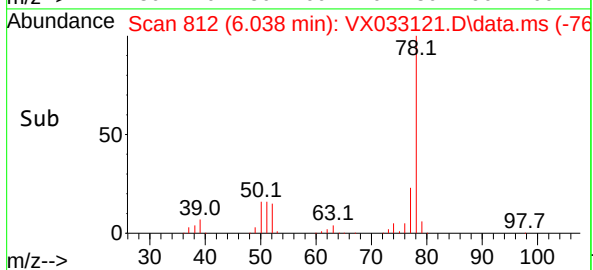
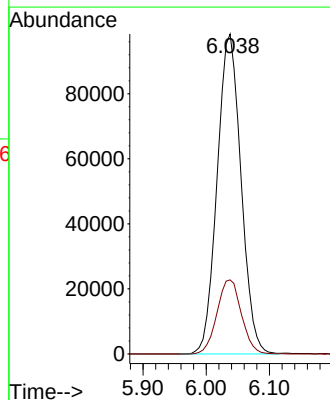
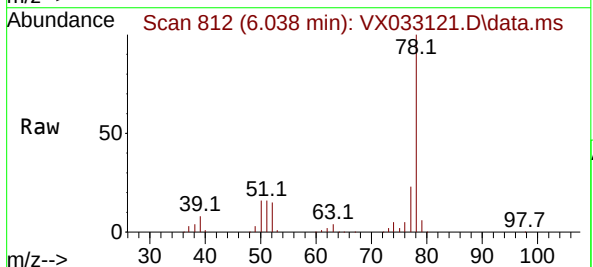
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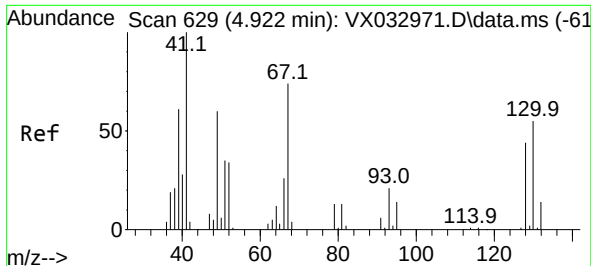
Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Tgt Ion: 78 Resp: 257453

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





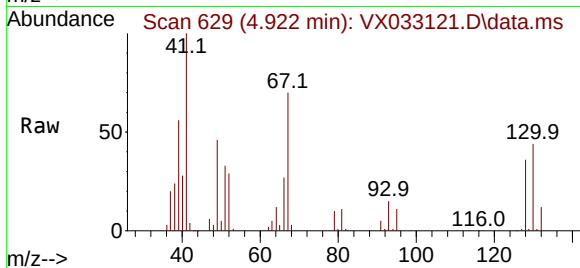
#41
Methacrylonitrile
Concen: 53.906 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 41 Resp: 4823
Ion Ratio Lower Upper
41 100
39 57.8 47.5 71.3
67 73.5 60.5 90.7
52 30.9 27.0 40.6

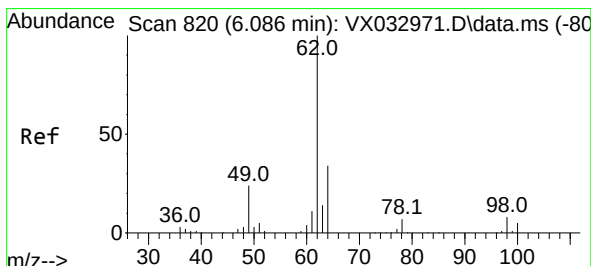
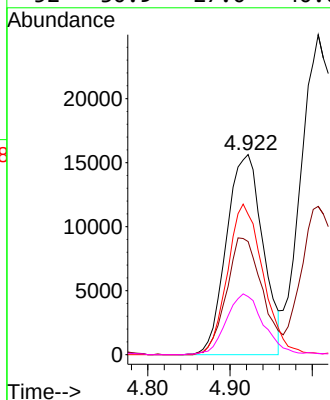
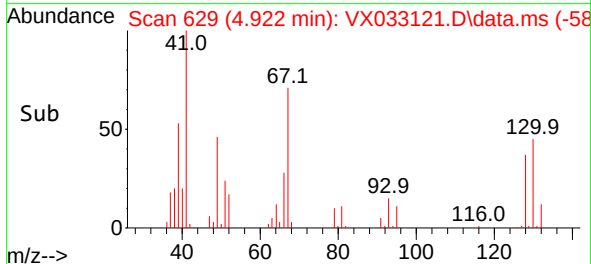
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

12/01/2022

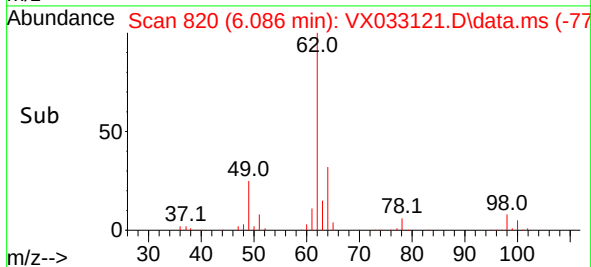
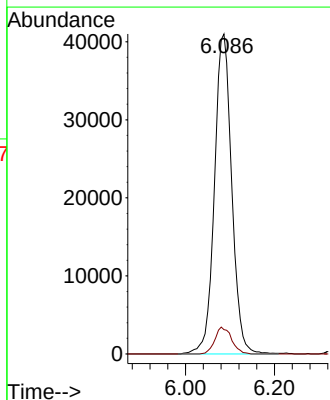
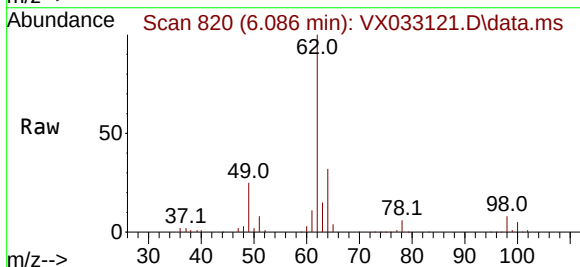
Supervised By :Mahesh
Dadoda

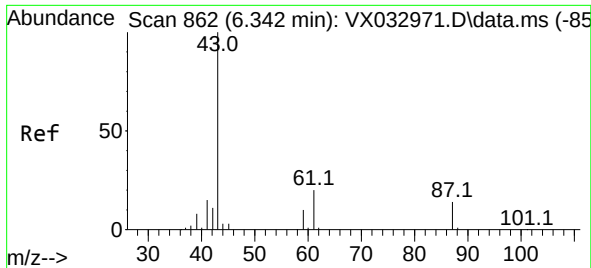
12/01/2022



#42
1,2-Dichloroethane
Concen: 53.627 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 62 Resp: 110353
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 54.169 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

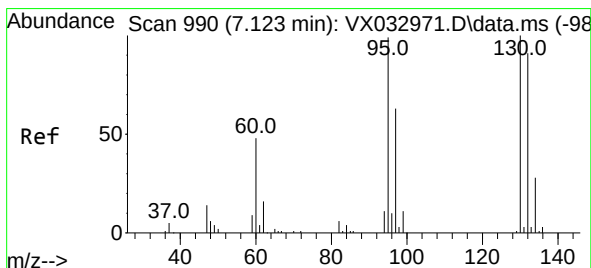
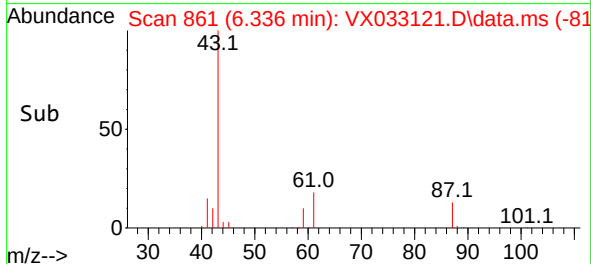
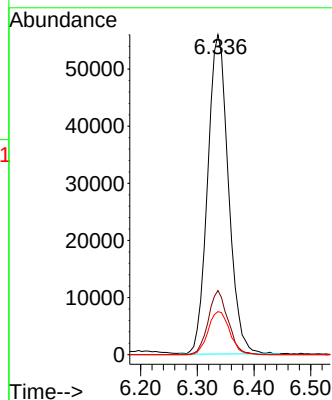
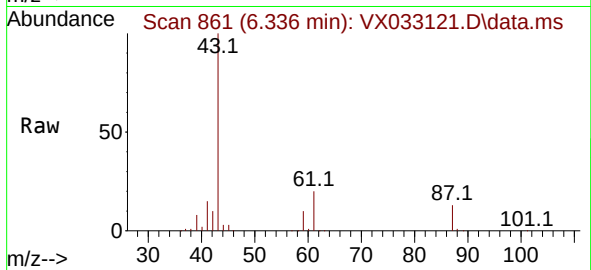
Tgt Ion: 43 Resp: 142469
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 14.0 10.8 16.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

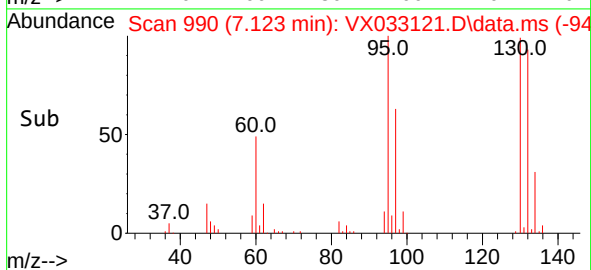
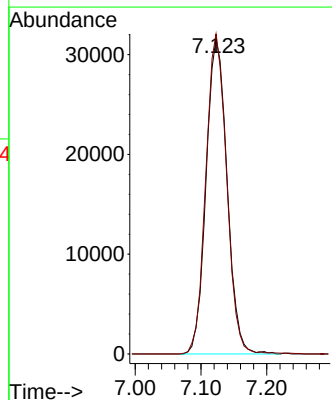
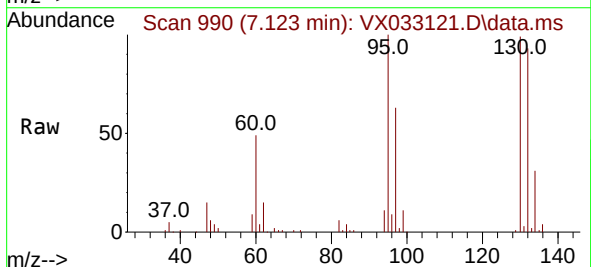
12/01/2022
Supervised By :Mahesh
Dadoda

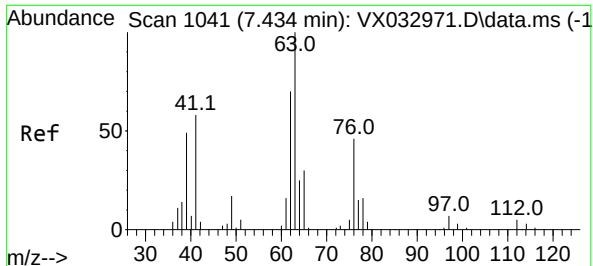
12/01/2022



#44
Trichloroethene
Concen: 48.850 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion:130 Resp: 70057
Ion Ratio Lower Upper
130 100
95 101.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 53.025 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 66972

Ion Ratio Lower Upper

63 100

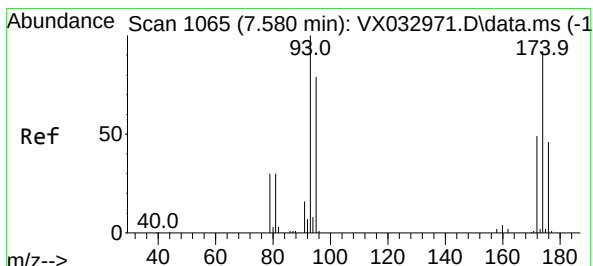
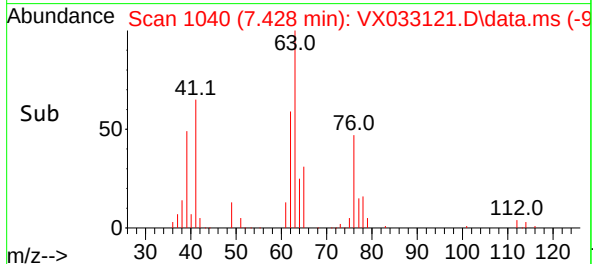
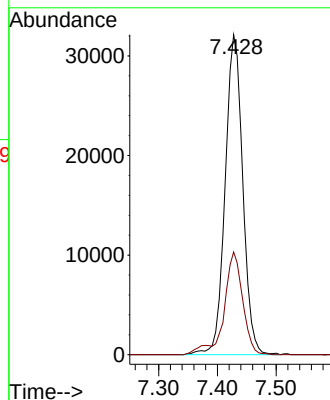
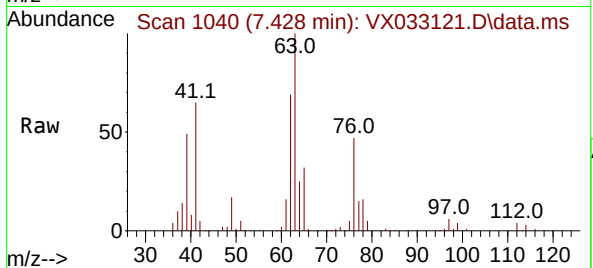
65 32.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#46

Dibromomethane

Concen: 52.627 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

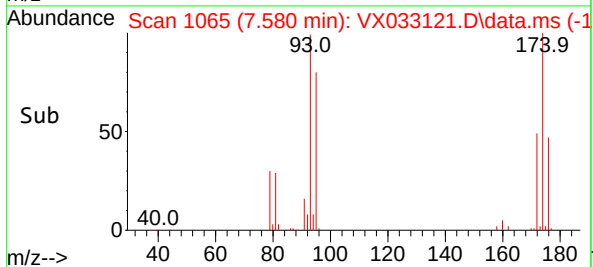
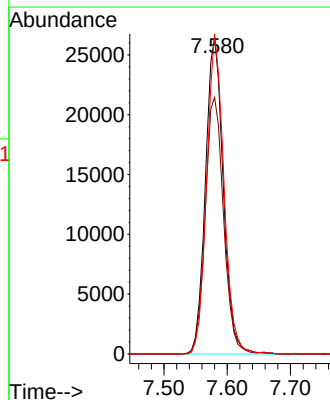
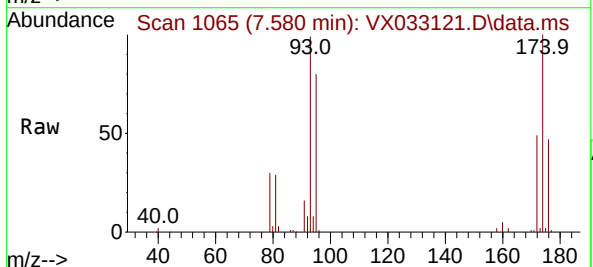
Tgt Ion: 93 Resp: 51865

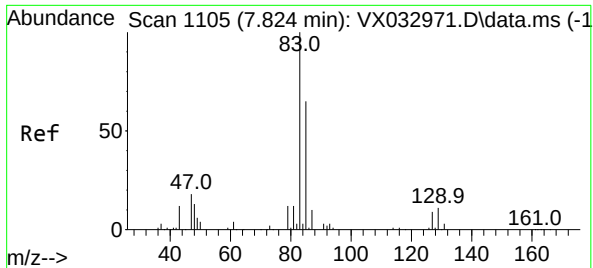
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.8

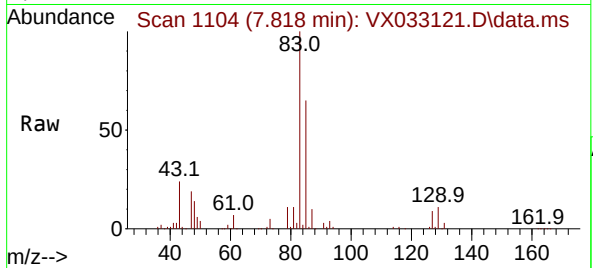
174 97.6 79.8 119.6





#47
Bromodichloromethane
Concen: 54.262 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



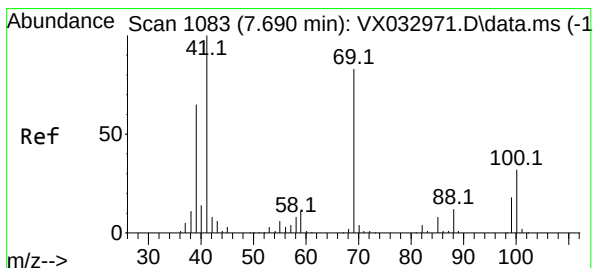
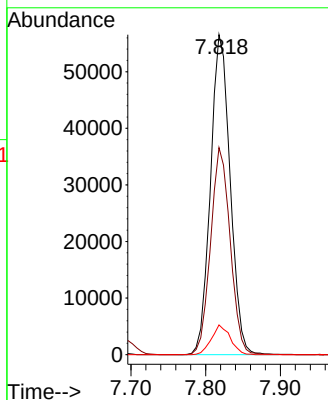
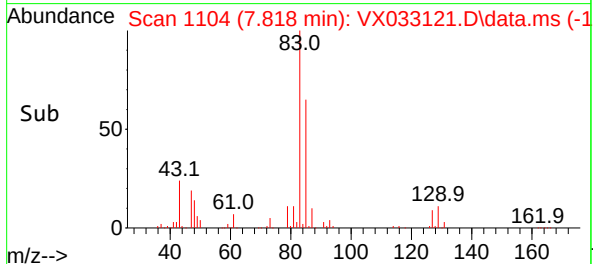
Tgt Ion: 83 Resp: 103332
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 9.3 7.4 11.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

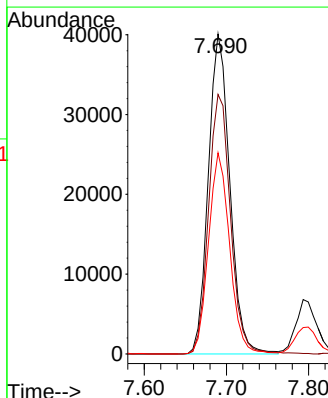
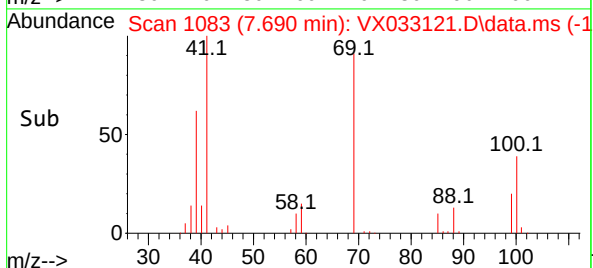
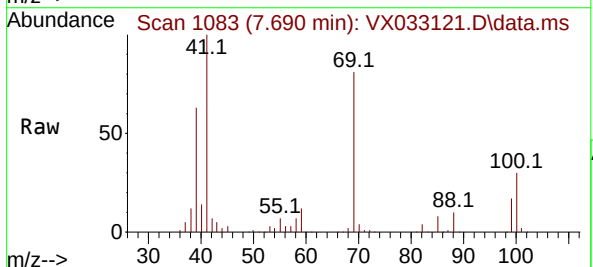
12/01/2022
Supervised By :Mahesh
Dadoda

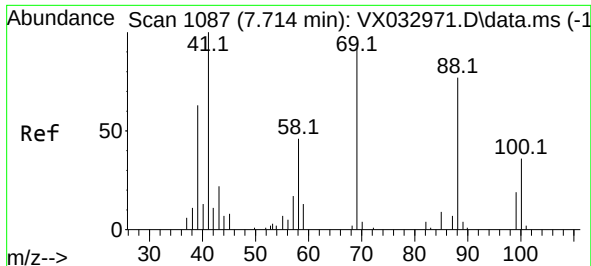
12/01/2022



#48
Methyl methacrylate
Concen: 53.825 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 41 Resp: 72868
Ion Ratio Lower Upper
41 100
69 82.9 65.1 97.7
39 62.0 51.9 77.9





#49

1,4-Dioxane

Concen: 1139.260 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.049 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	2839
Ion Ratio	Lower	Upper	
88	100		
43	0.0	26.6	39.8
58	0.0	51.7	77.5

Manual Integrations

APPROVED

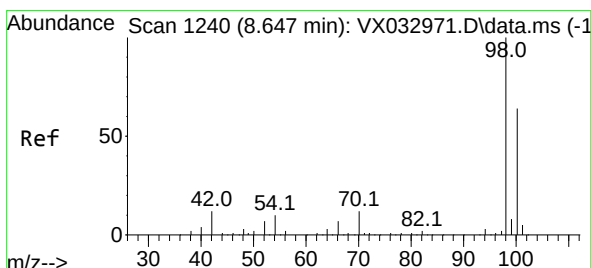
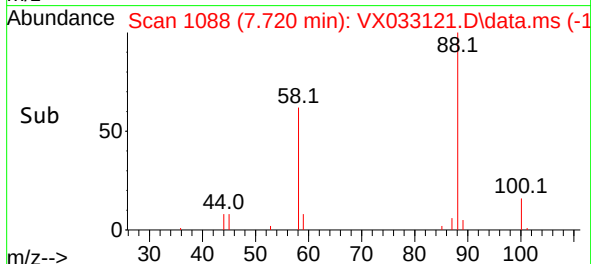
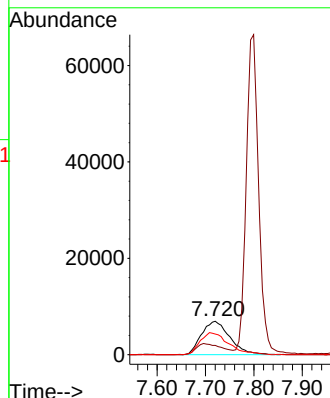
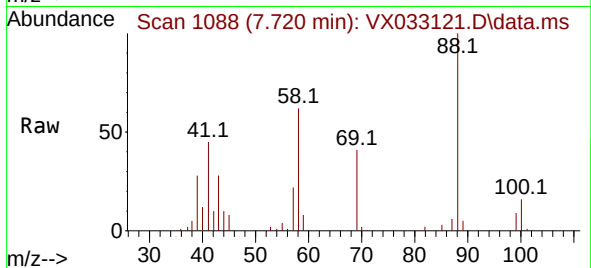
Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022

12/01/2022

Supervised By :Mahesh Dadoda

12/01/2022



#50

Toluene-d8

Concen: 44.668 ug/l

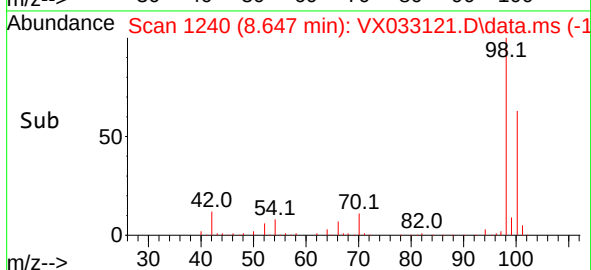
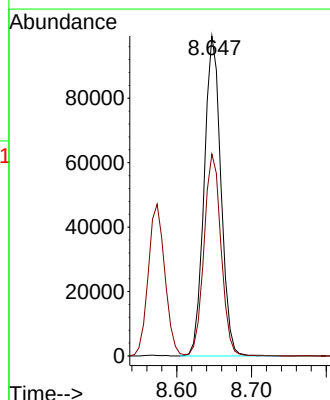
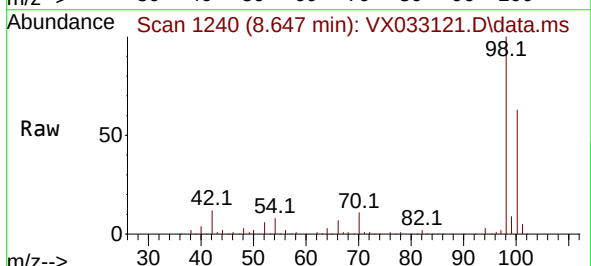
RT: 8.647 min Scan# 1240

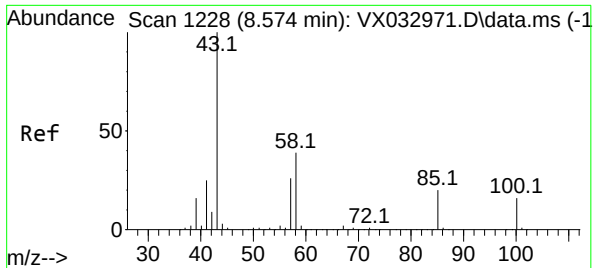
Delta R.T. -0.006 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Tgt Ion:	98	Resp:	154004
Ion Ratio	Lower	Upper	
98	100		
100	64.3	50.9	76.3





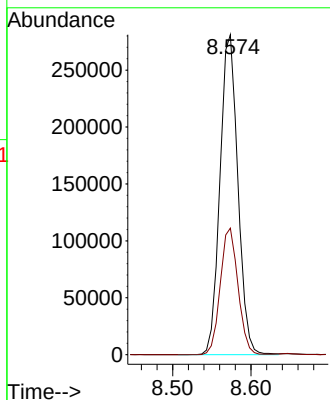
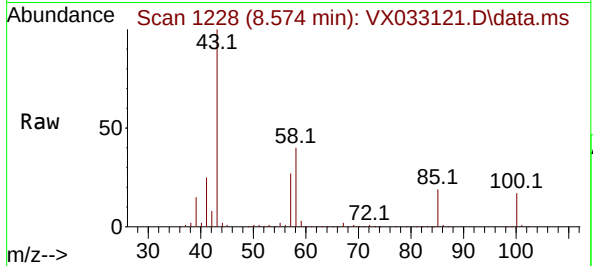
#51
4-Methyl-2-Pentanone
Concen: 274.822 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 446018
Ion Ratio Lower Upper
43 100
58 39.3 30.9 46.3

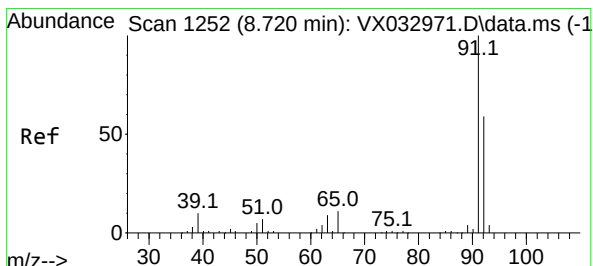
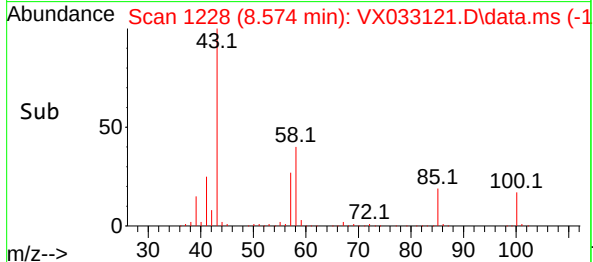
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



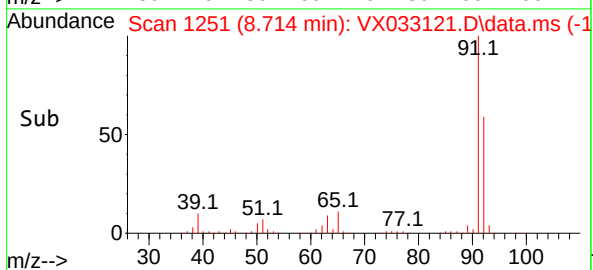
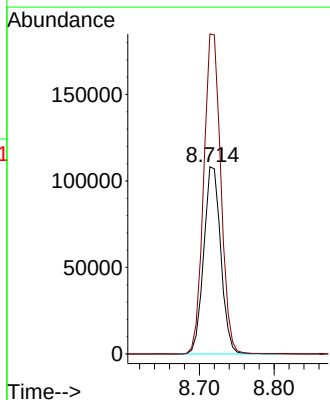
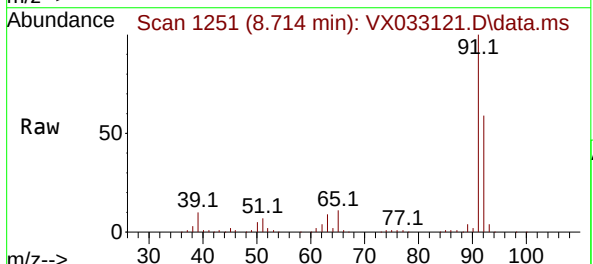
12/01/2022
Supervised By :Mahesh
Dadoda

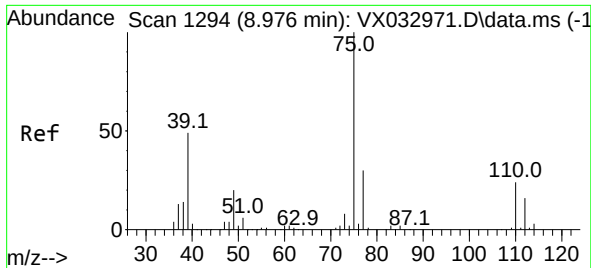
12/01/2022



#52
Toluene
Concen: 50.898 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion: 92 Resp: 171139
Ion Ratio Lower Upper
92 100
91 171.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.711 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 108029

Ion Ratio Lower Upper

75 100

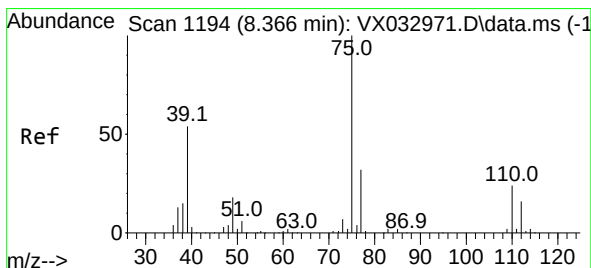
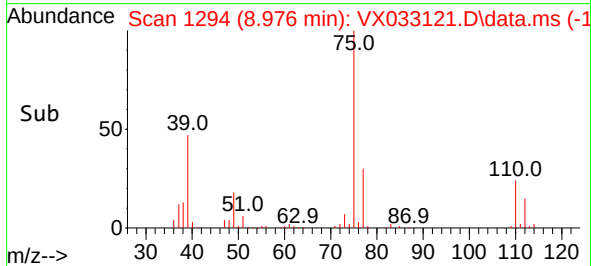
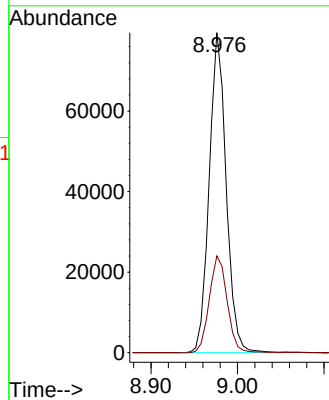
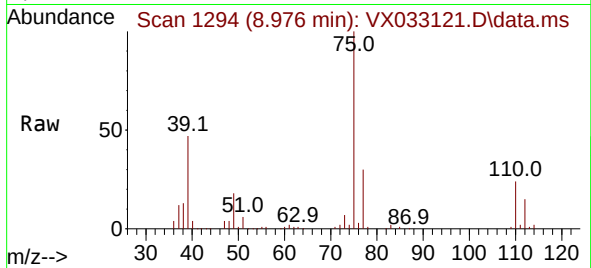
77 30.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#54

cis-1,3-Dichloropropene

Concen: 55.580 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

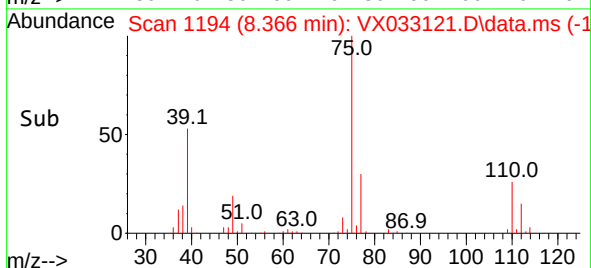
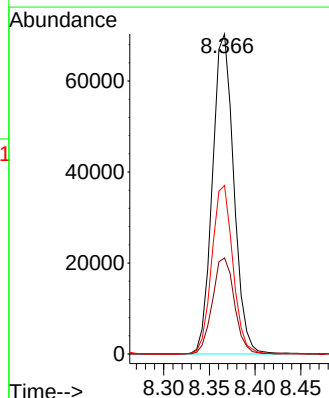
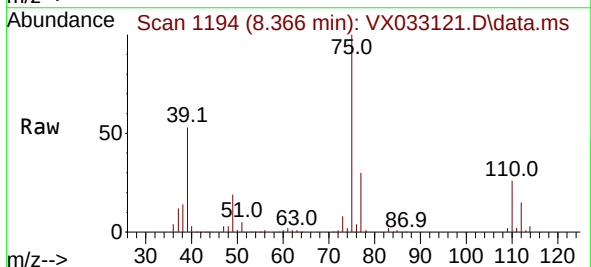
Tgt Ion: 75 Resp: 114103

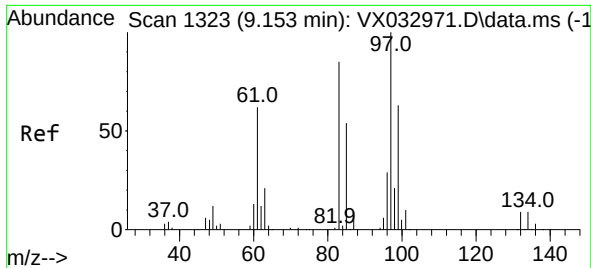
Ion Ratio Lower Upper

75 100

77 30.0 25.1 37.7

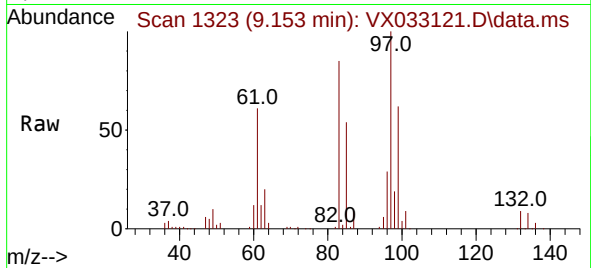
39 52.6 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 53.574 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 73340

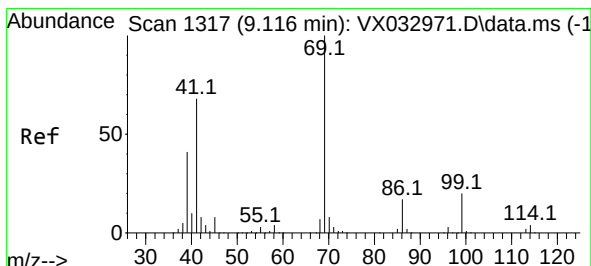
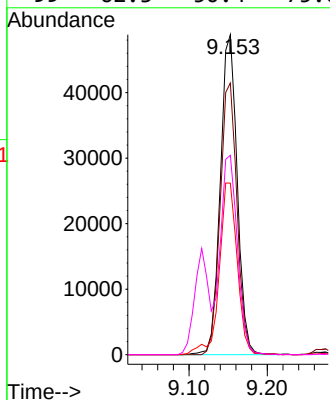
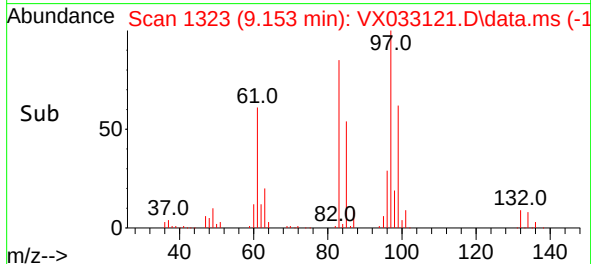
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.1	102.1
85	53.6	43.3	64.9
99	62.3	50.4	75.6

Manual Integrations
APPROVED

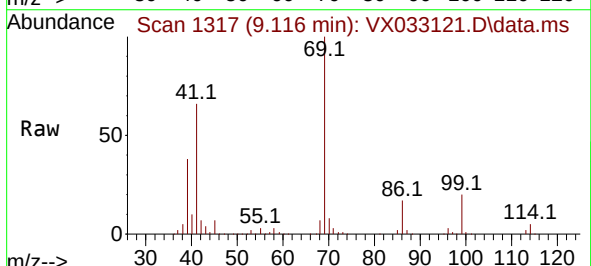
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

12/01/2022
Supervised By :Mahesh
Dadoda

12/01/2022

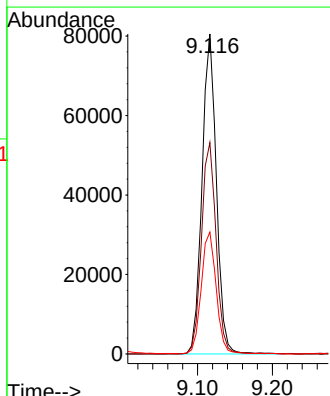
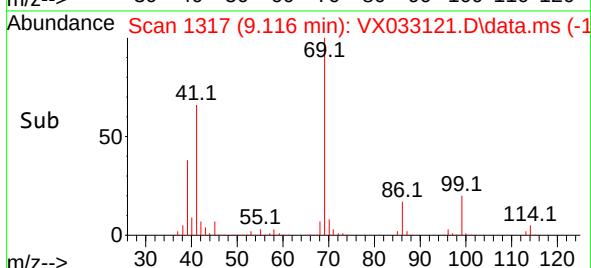


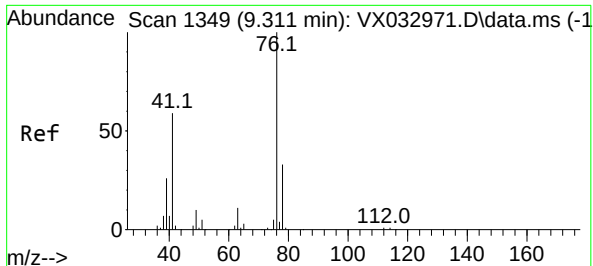
#56
Ethyl methacrylate
Concen: 56.823 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43



Tgt Ion: 69 Resp: 107177

Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.3	81.5
39	40.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 53.236 ug/l

RT: 9.305 min Scan# 11765

Delta R.T. -0.006 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11765

Ion Ratio Lower Upper

76 100

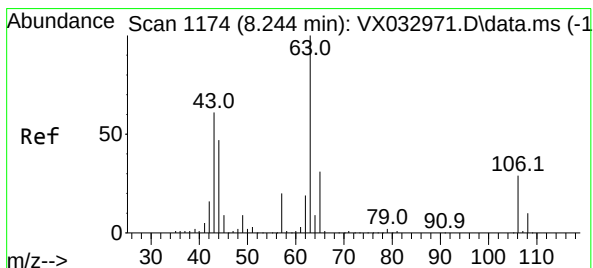
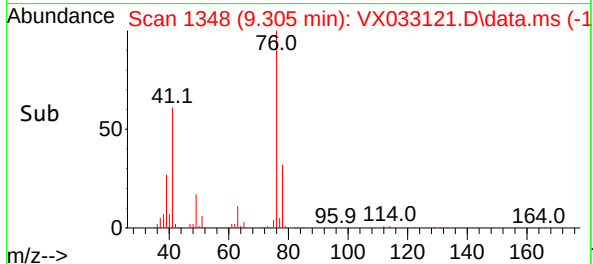
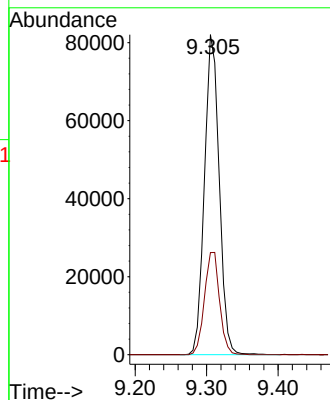
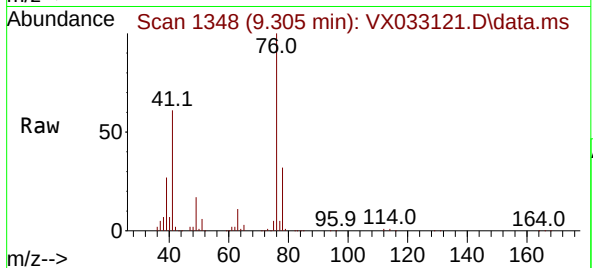
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 269.482 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033121.D

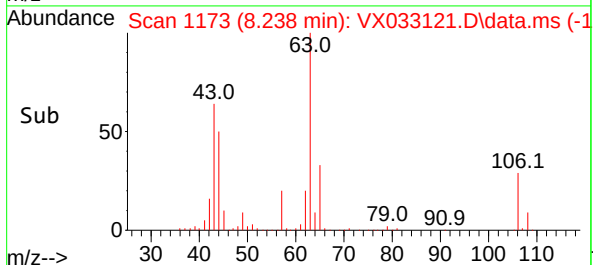
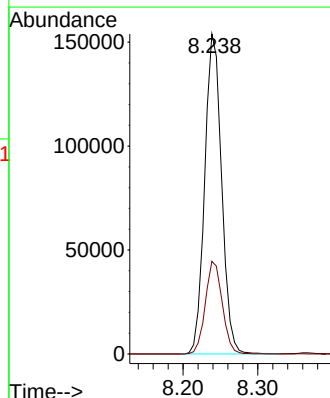
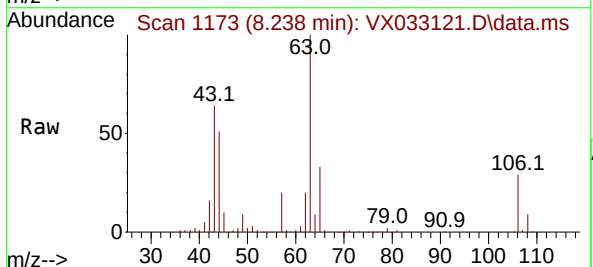
Acq: 30 Nov 2022 09:43

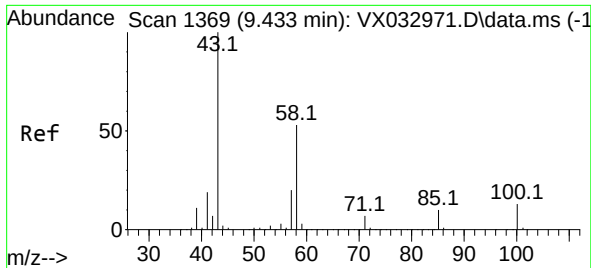
Tgt Ion: 63 Resp: 241365

Ion Ratio Lower Upper

63 100

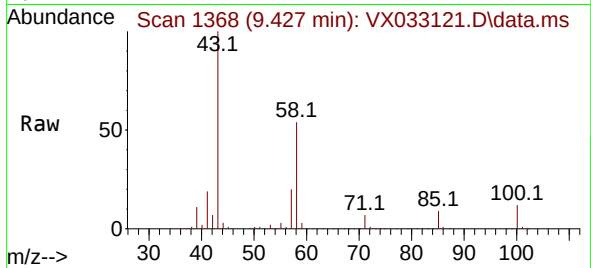
106 29.0 23.3 34.9





#59
2-Hexanone
Concen: 277.542 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

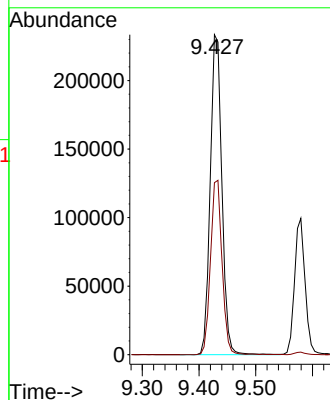
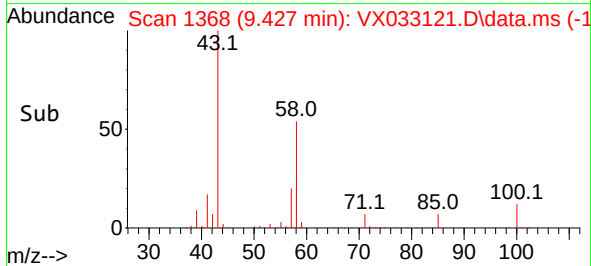
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 33274
Ion Ratio Lower Upper
43 100
58 54.2 26.5 79.5

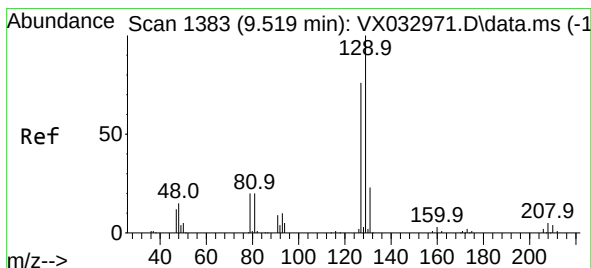
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



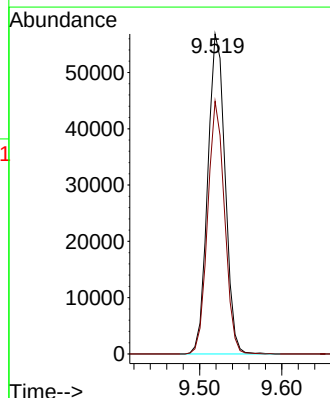
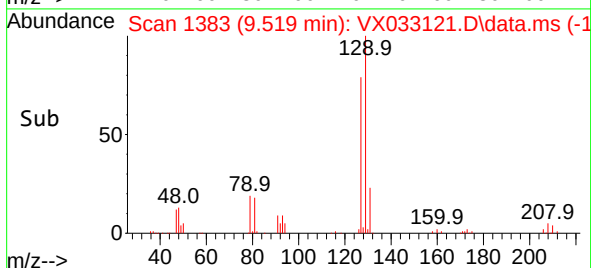
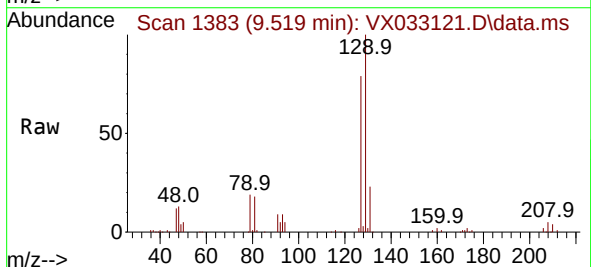
12/01/2022
Supervised By :Mahesh
Dadoda

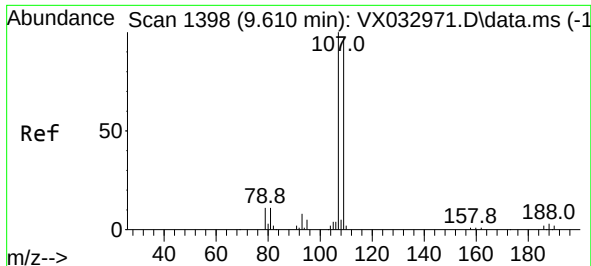
12/01/2022



#60
Dibromochloromethane
Concen: 56.494 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion:129 Resp: 83264
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





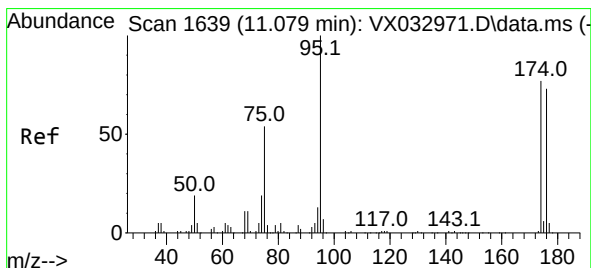
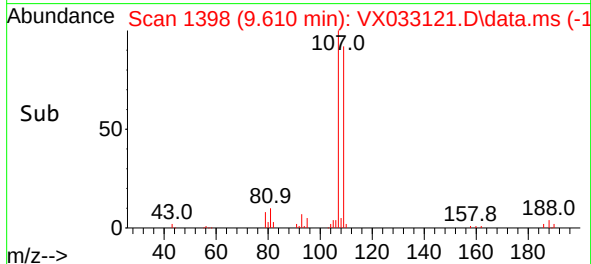
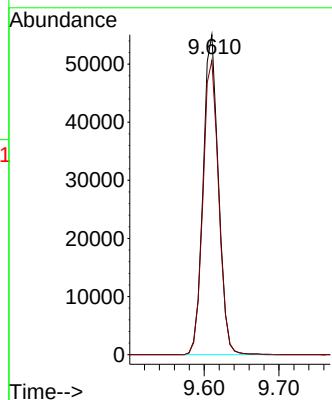
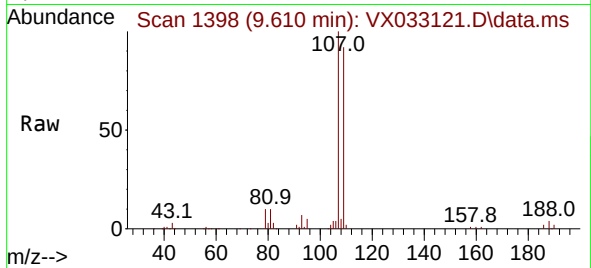
#61
1,2-Dibromoethane
Concen: 54.225 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 7835
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0

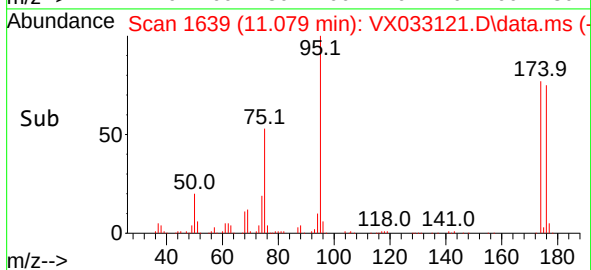
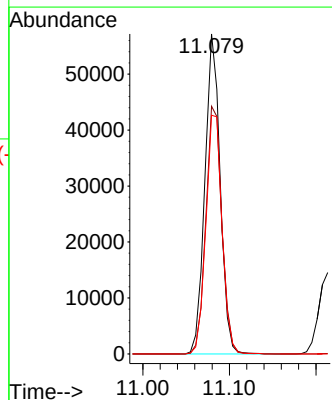
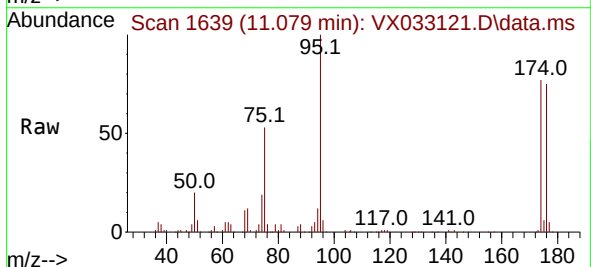
Manual Integrations
APPROVED

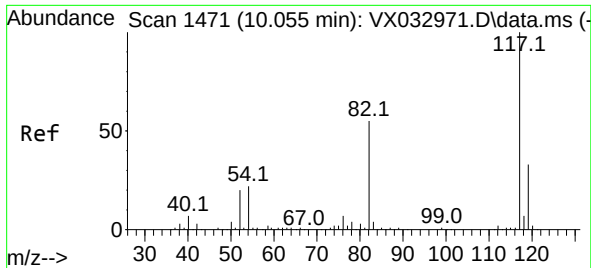
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#62
4-Bromofluorobenzene
Concen: 46.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

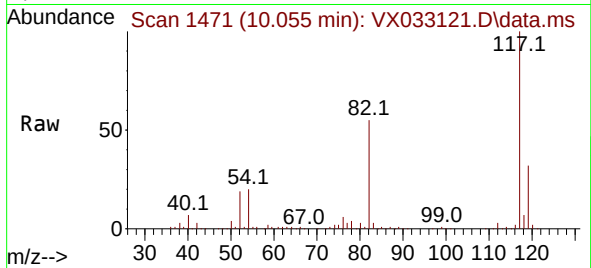
Tgt Ion: 95 Resp: 69852
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 79.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



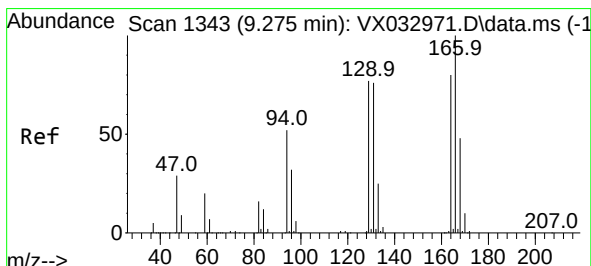
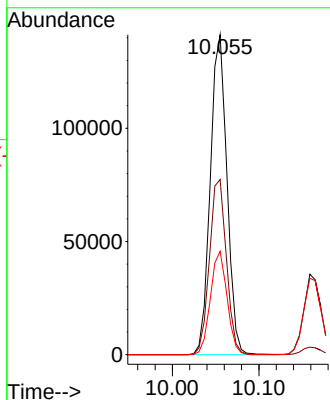
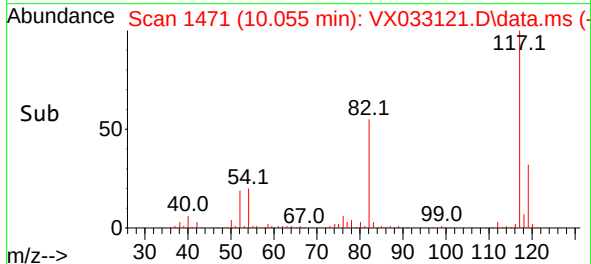
Tgt Ion:117 Resp: 18872
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.3 25.7 38.5

Manual Integrations
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Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

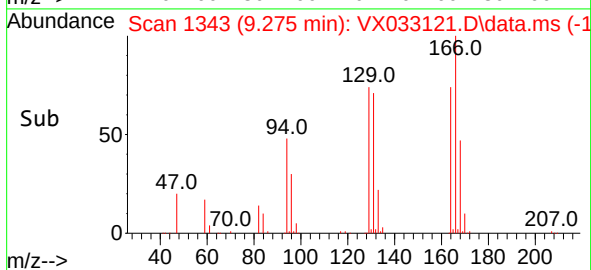
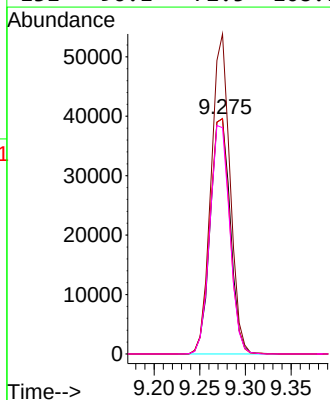
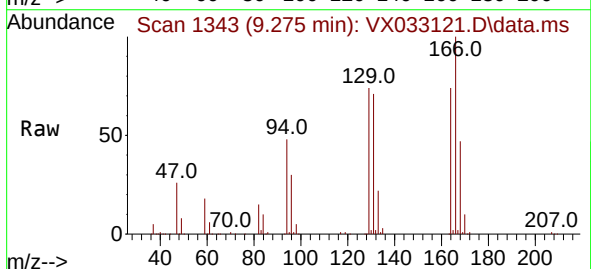
12/01/2022
Supervised By :Mahesh
Dadoda

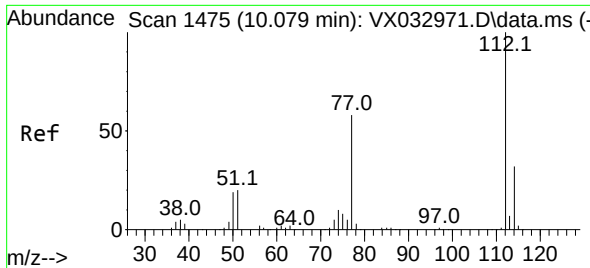
12/01/2022



#64
Tetrachloroethene
Concen: 44.995 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion:164 Resp: 60106
Ion Ratio Lower Upper
164 100
166 135.9 105.4 158.2
129 100.0 78.2 117.2
131 96.1 72.5 108.7





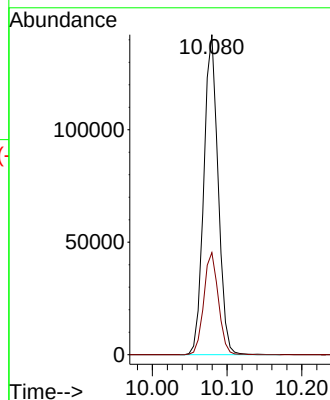
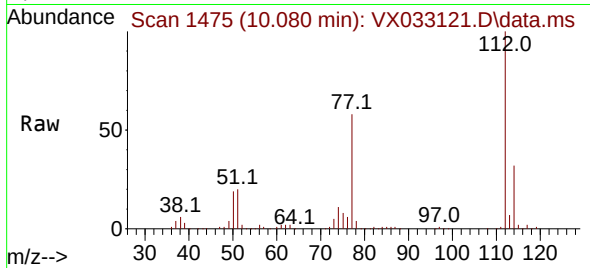
#65
Chlorobenzene
Concen: 50.221 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 188962
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

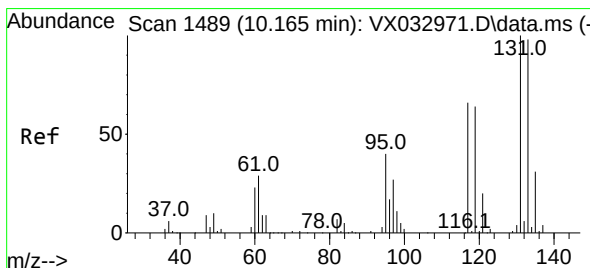
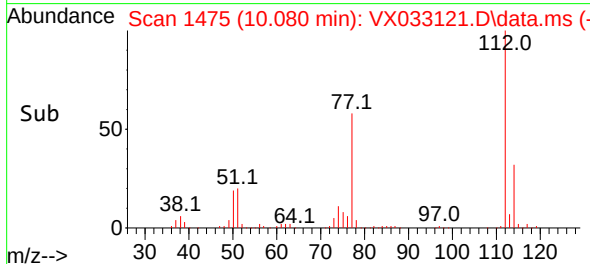
Manual Integrations
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Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



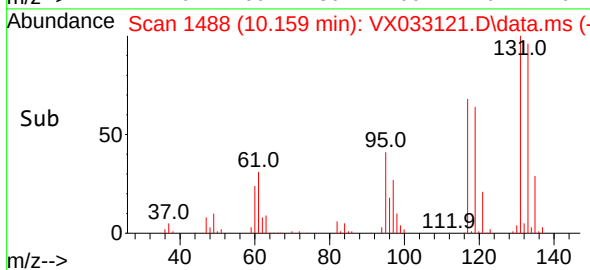
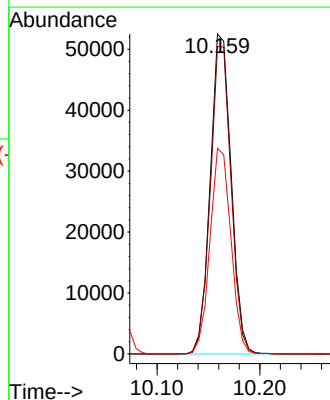
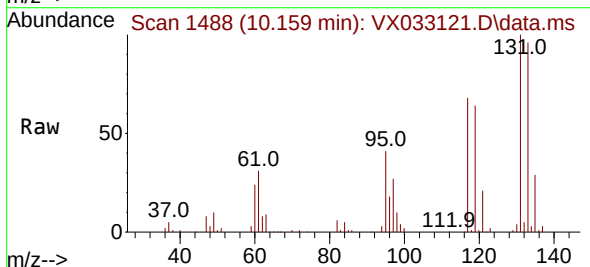
12/01/2022
Supervised By :Mahesh
Dadoda

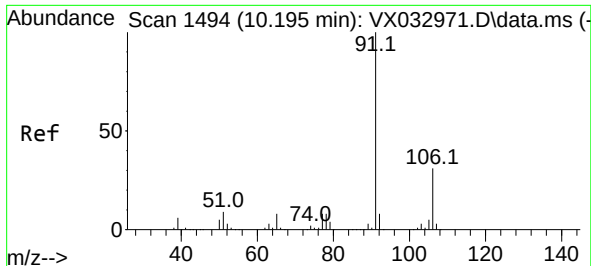
12/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.887 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion:131 Resp: 74291
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 64.3 32.4 97.0





#67

Ethyl Benzene

Concen: 50.503 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033121.D

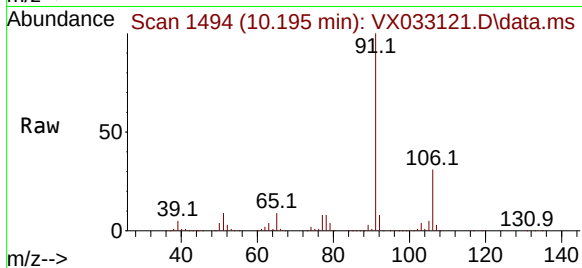
Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 91 Resp: 337079

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6

Manual Integrations

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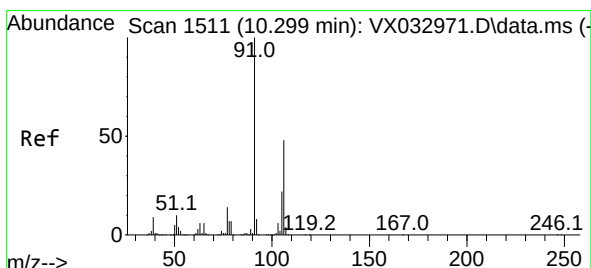
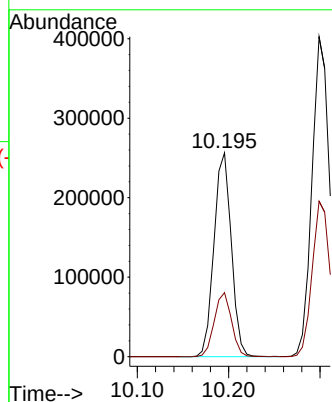
Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022

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Supervised By :Mahesh
Dadoda

12/01/2022



#68

m/p-Xylenes

Concen: 101.623 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX033121.D

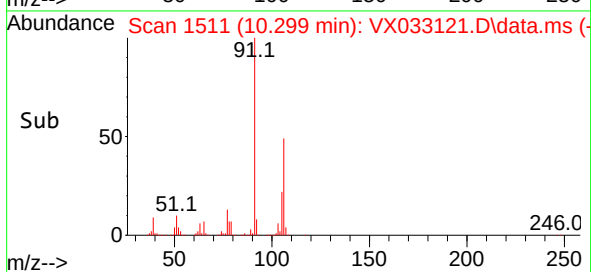
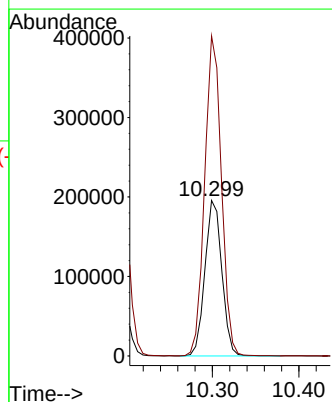
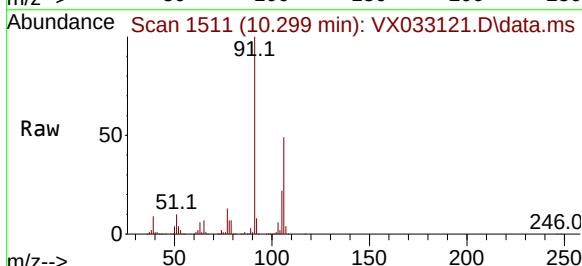
Acq: 30 Nov 2022 09:43

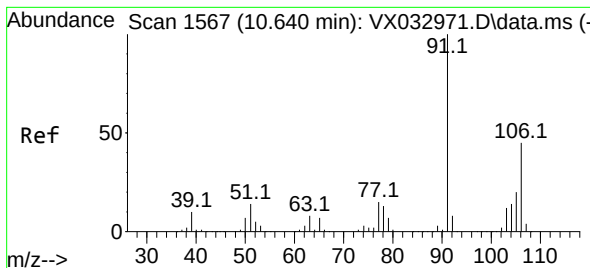
Tgt Ion:106 Resp: 265604

Ion Ratio Lower Upper

106 100

91 203.4 164.5 246.7





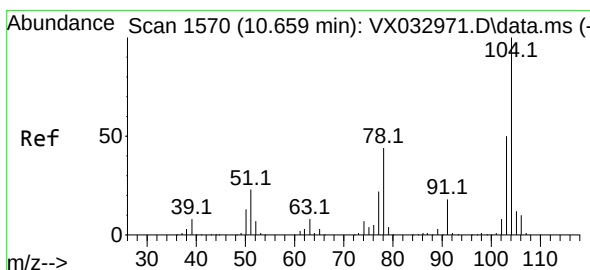
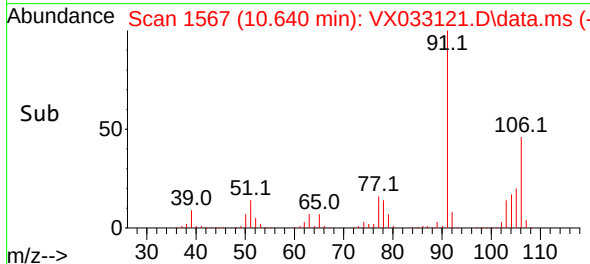
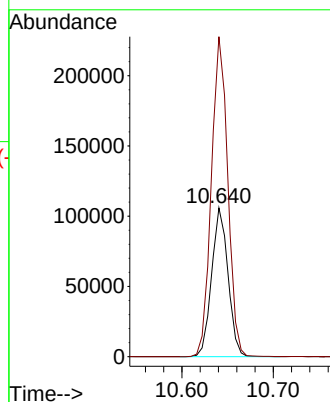
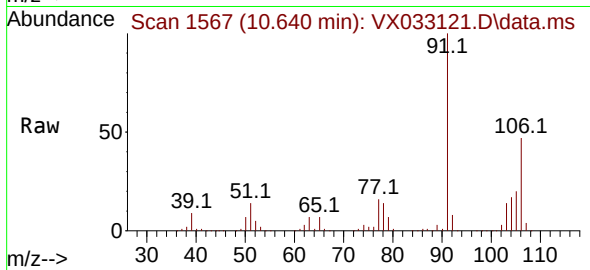
#69
o-Xylene
Concen: 52.008 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13152
Ion Ratio Lower Upper
106 100
91 215.4 109.2 327.6

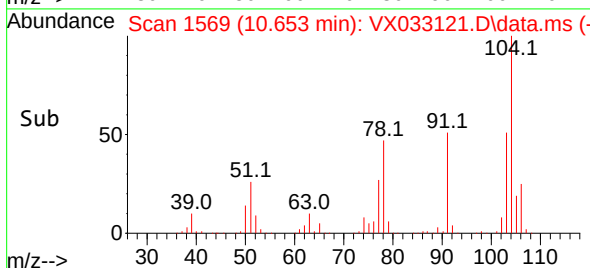
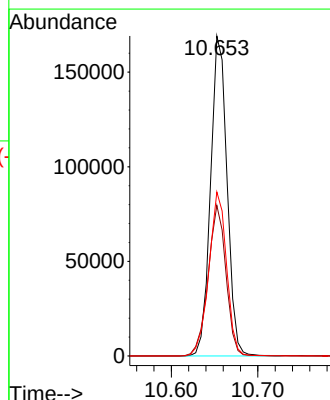
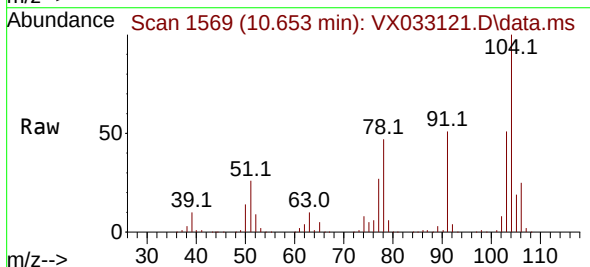
Manual Integrations
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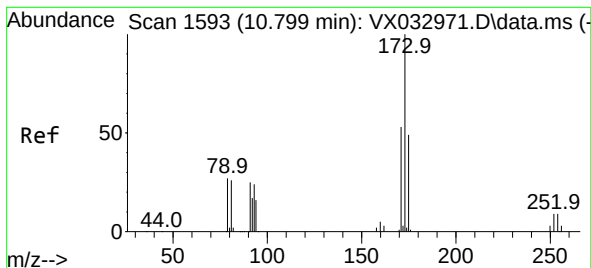
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#70
Styrene
Concen: 54.119 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion:104 Resp: 223903
Ion Ratio Lower Upper
104 100
78 50.9 41.8 62.8
103 55.0 44.5 66.7





#71

Bromoform

Concen: 56.046 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 5924
 Ion Ratio Lower Upper
 173 100
 175 49.0 23.9 71.8
 254 0.0 0.0 0.0

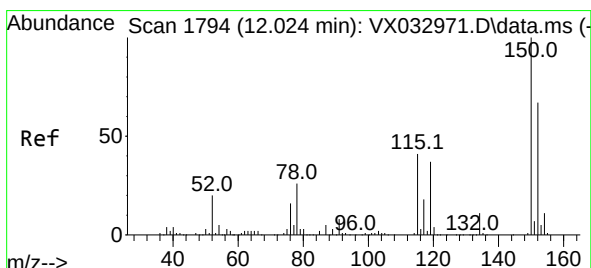
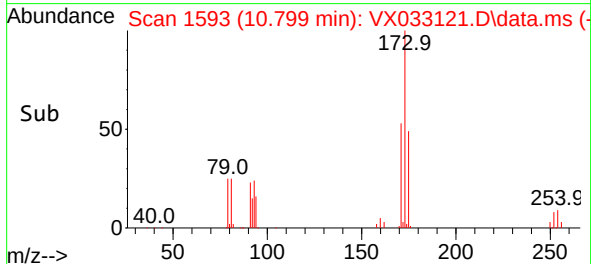
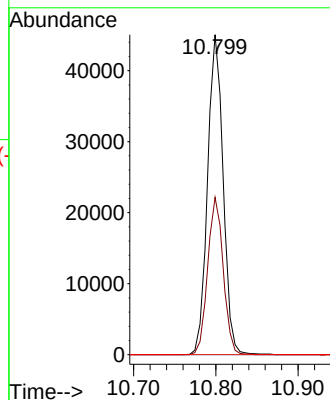
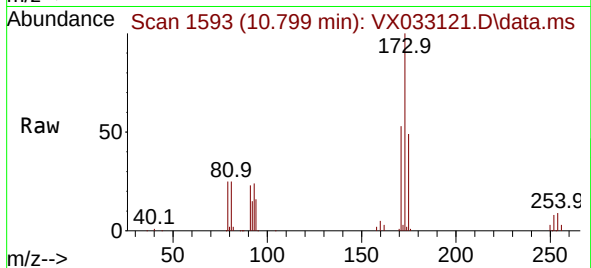
Manual Integrations
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Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022

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Supervised By :Mahesh
 Dadoda

12/01/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

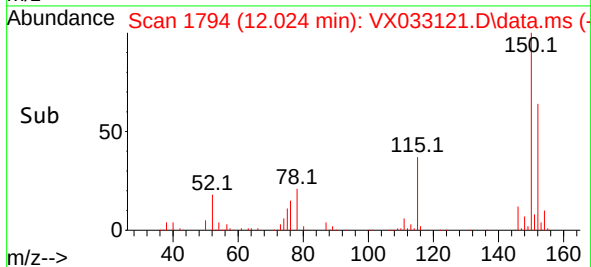
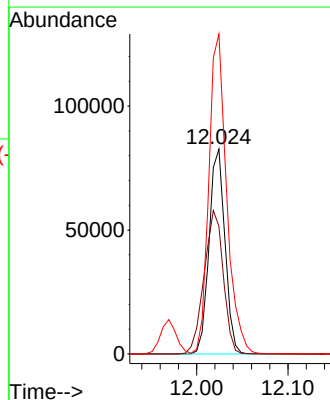
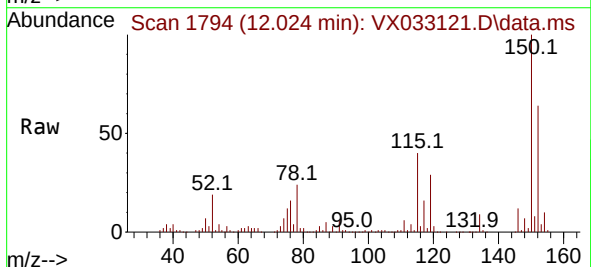
RT: 12.024 min Scan# 1794

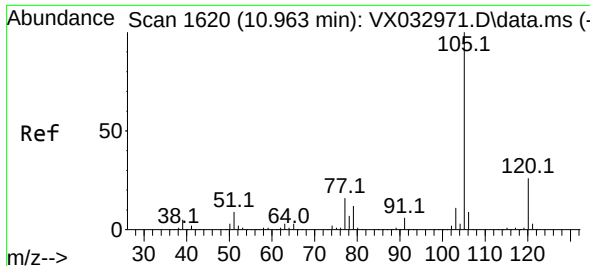
Delta R.T. 0.000 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

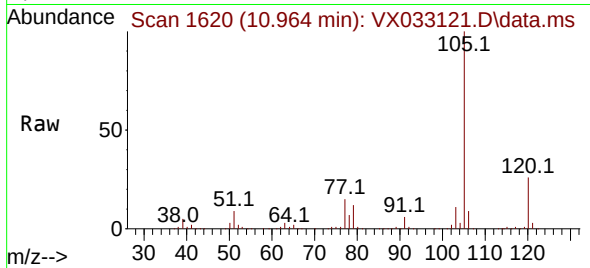
Tgt Ion:152 Resp: 99655
 Ion Ratio Lower Upper
 152 100
 115 84.3 44.0 132.0
 150 174.8 0.0 351.8





#73
Isopropylbenzene
Concen: 48.338 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

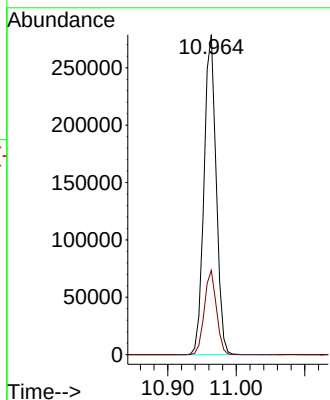
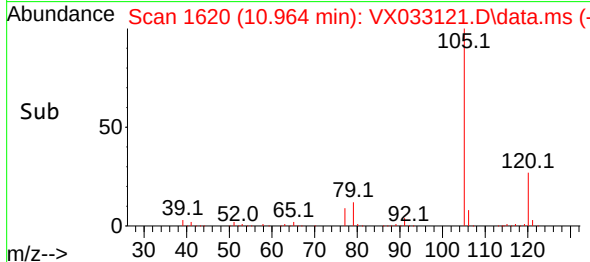
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 344228
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

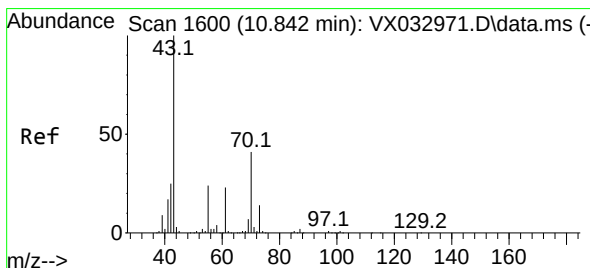
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

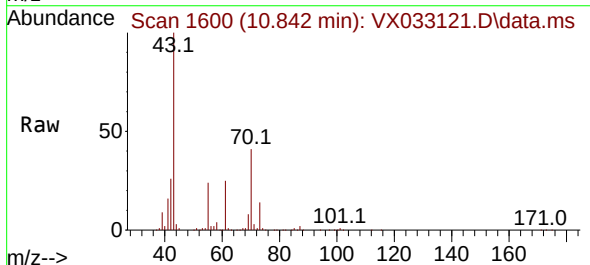


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Dadoda

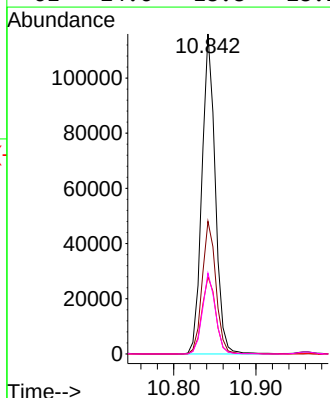
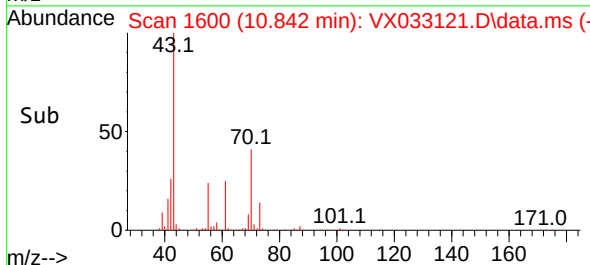
12/01/2022

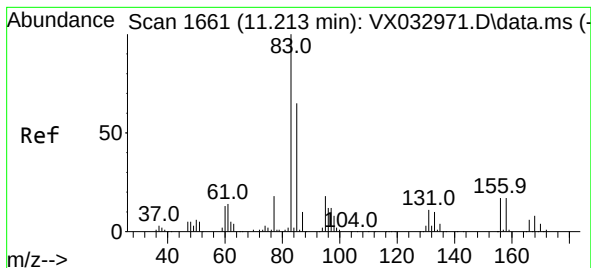


#74
N-ethyl acetate
Concen: 54.061 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43



Tgt Ion: 43 Resp: 130963
Ion Ratio Lower Upper
43 100
70 42.6 33.6 50.4
55 25.1 19.4 29.2
61 24.6 18.8 28.2





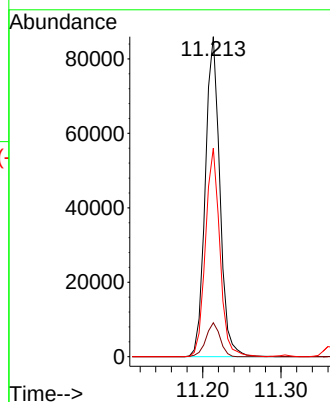
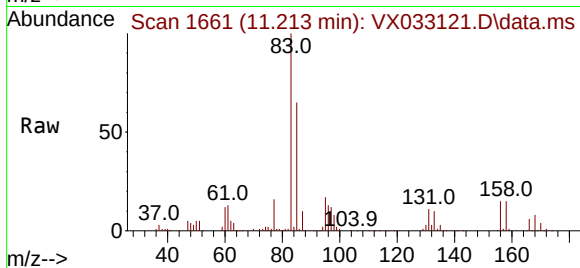
#75
1,1,2,2-Tetrachloroethane
Concen: 51.517 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11072
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 64.4 31.9 95.9

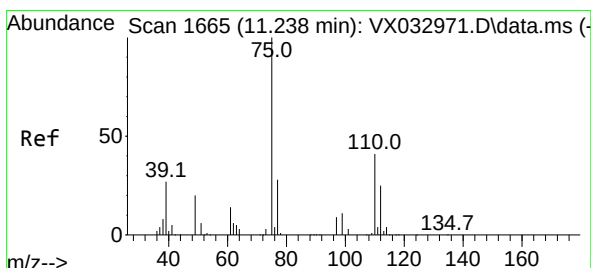
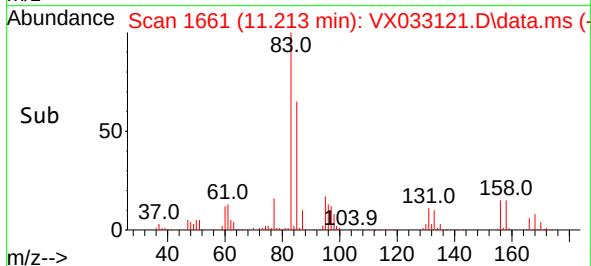
Manual Integrations
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Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



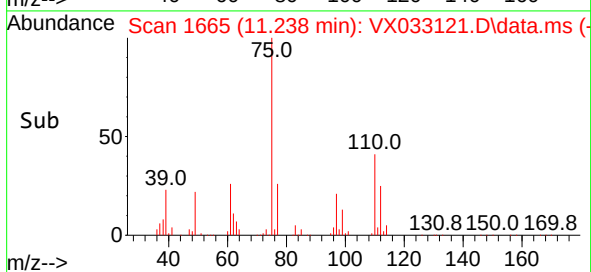
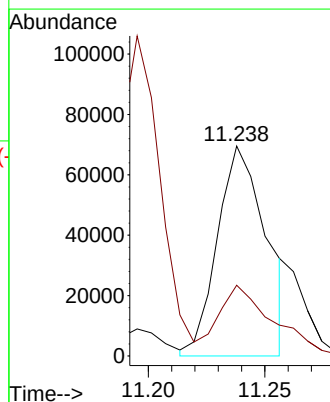
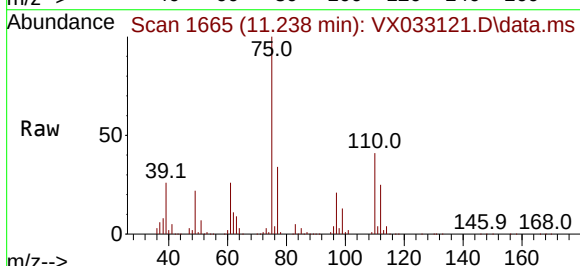
12/01/2022
Supervised By :Mahesh
Dadoda

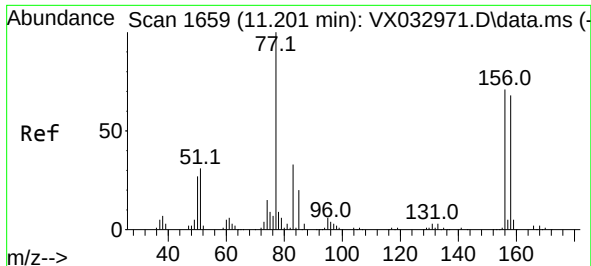
12/01/2022



#76
1,2,3-Trichloropropane
Concen: 53.594 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

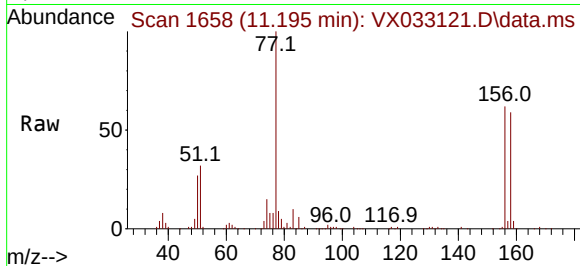
Tgt Ion: 75 Resp: 101149
Ion Ratio Lower Upper
75 100
77 38.1 20.0 60.0





#77
Bromobenzene
Concen: 49.203 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



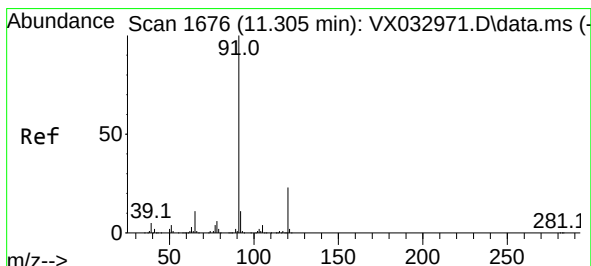
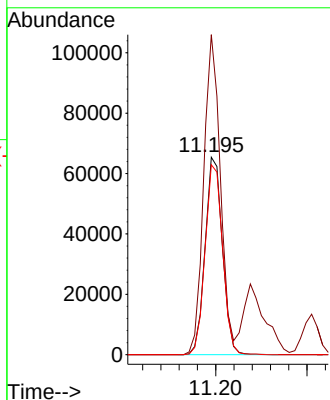
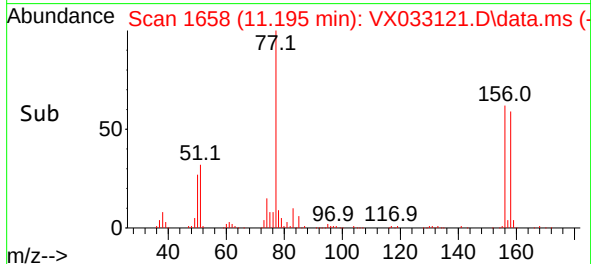
Tgt Ion:156 Resp: 8617
Ion Ratio Lower Upper
156 100
77 155.6 76.1 228.4
158 97.4 48.8 146.3

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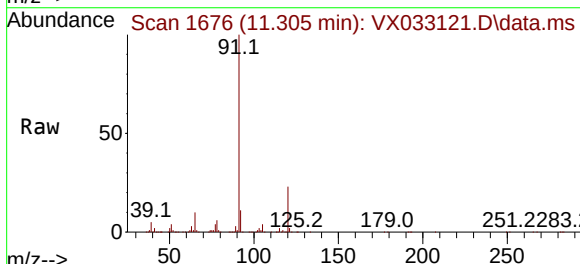
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

12/01/2022
Supervised By :Mahesh
Dadoda

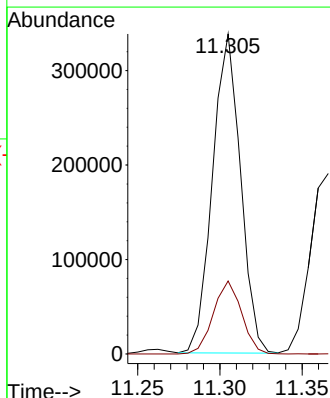
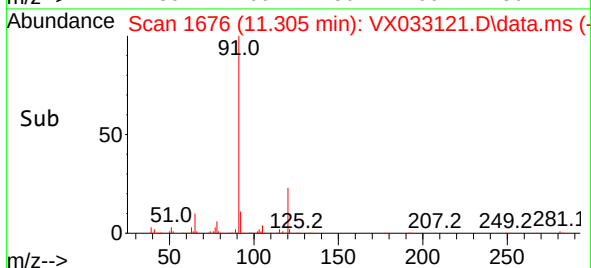
12/01/2022

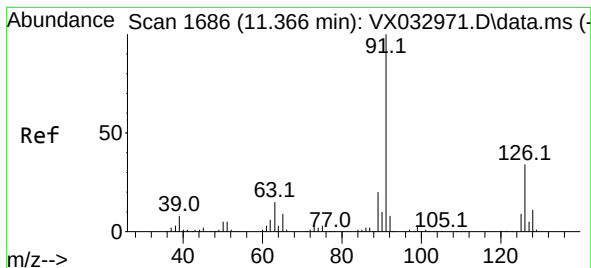


#78
n-propylbenzene
Concen: 49.132 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43



Tgt Ion: 91 Resp: 400034
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





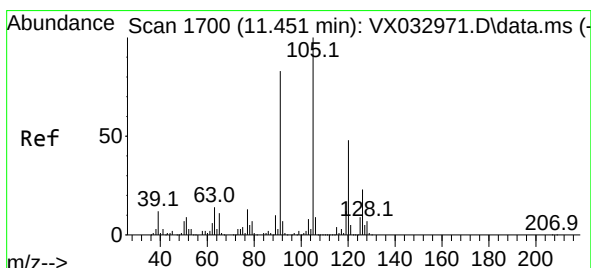
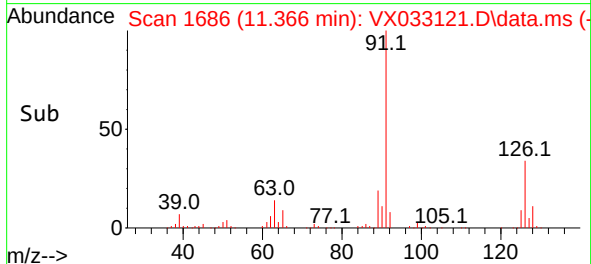
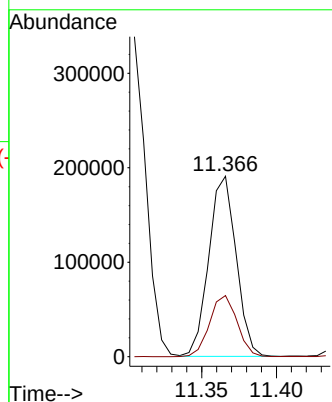
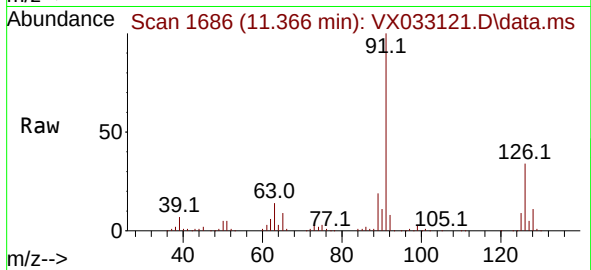
#79
2-Chlorotoluene
Concen: 49.093 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 242768
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2

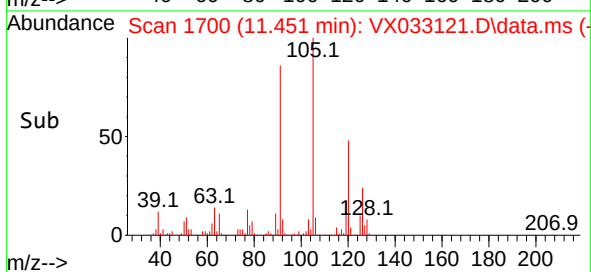
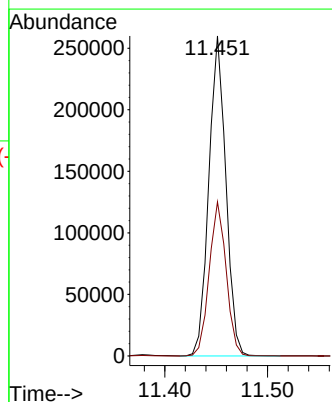
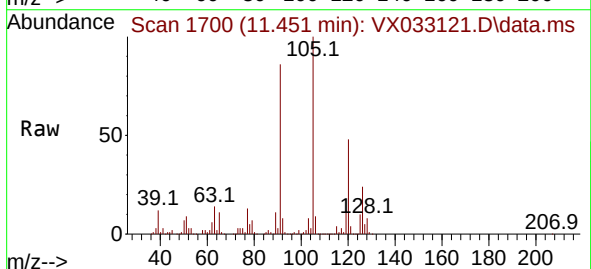
Manual Integrations
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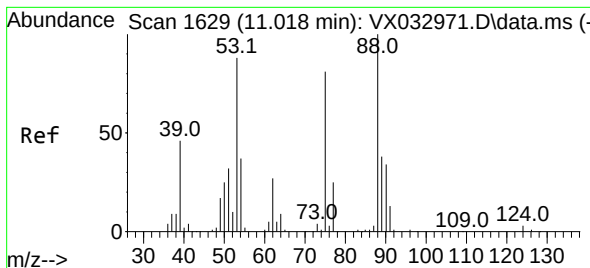
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.929 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Tgt Ion:105 Resp: 298694
Ion Ratio Lower Upper
105 100
120 48.0 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 55.154 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

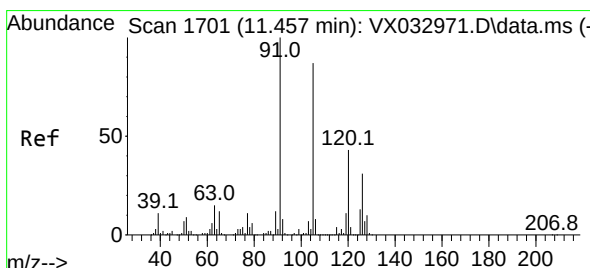
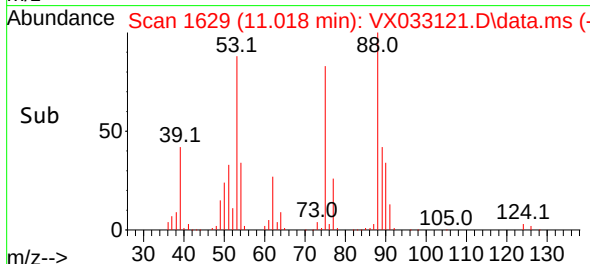
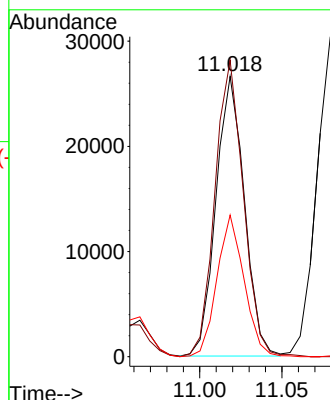
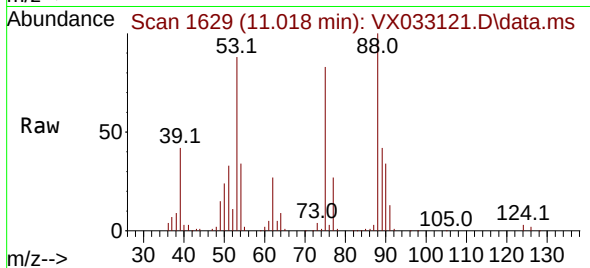
Tgt Ion: 75 Resp: 32024
Ion Ratio Lower Upper
75 100
53 105.7 86.9 130.3
89 48.2 38.3 57.5

Manual Integrations
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Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

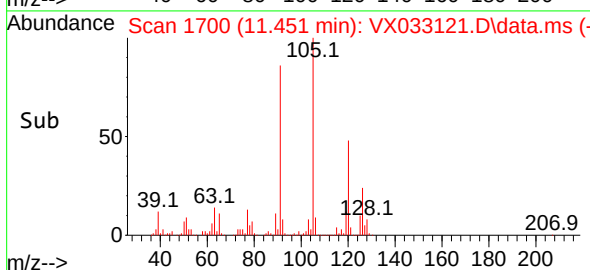
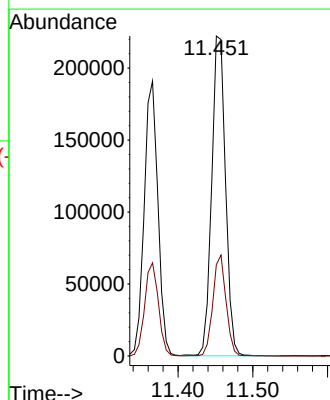
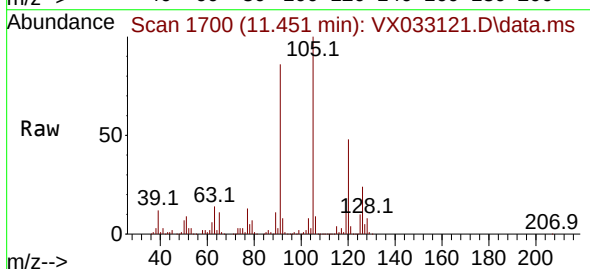
12/01/2022
Supervised By :Mahesh
Dadoda

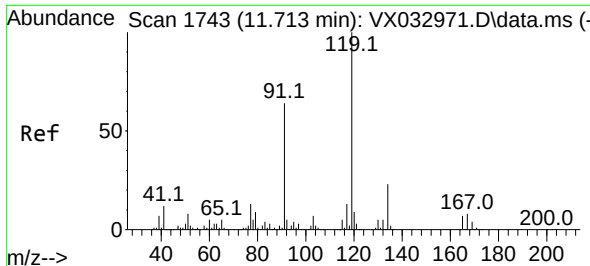
12/01/2022



#82
4-Chlorotoluene
Concen: 49.358 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

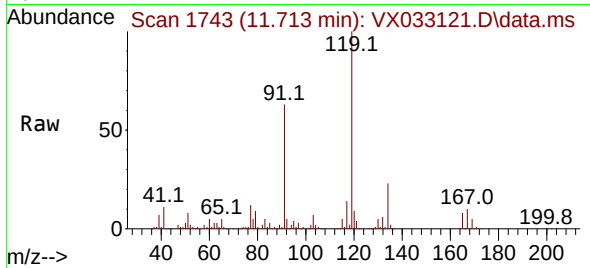
Tgt Ion: 91 Resp: 286029
Ion Ratio Lower Upper
91 100
126 30.1 14.8 44.4





#83
tert-Butylbenzene
Concen: 49.439 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



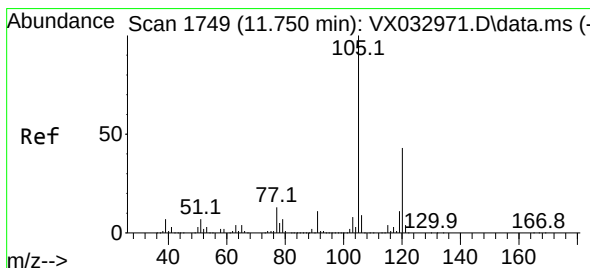
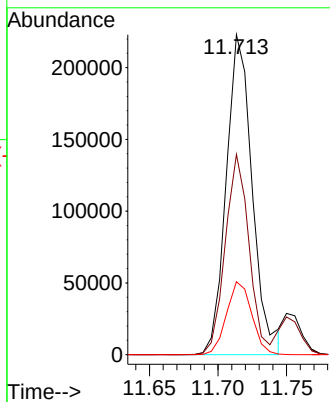
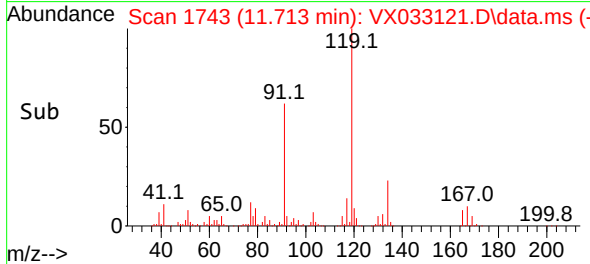
Tgt Ion:119 Resp: 294405
Ion Ratio Lower Upper
119 100
91 57.3 29.4 88.2
134 22.1 11.0 33.0

Manual Integrations
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Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

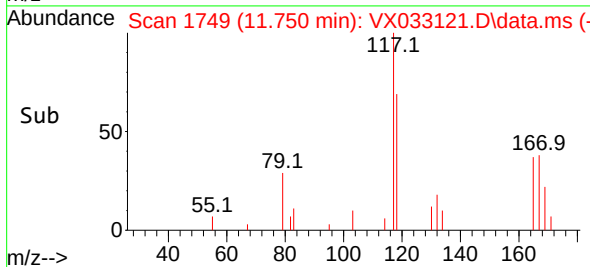
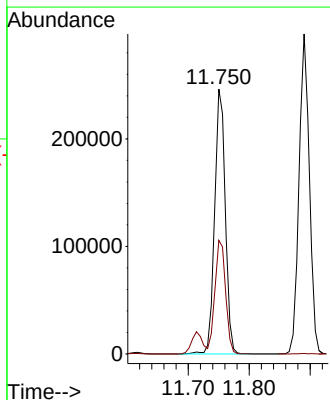
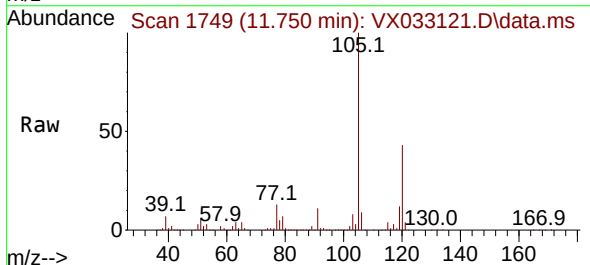
12/01/2022
Supervised By :Mahesh
Dadoda

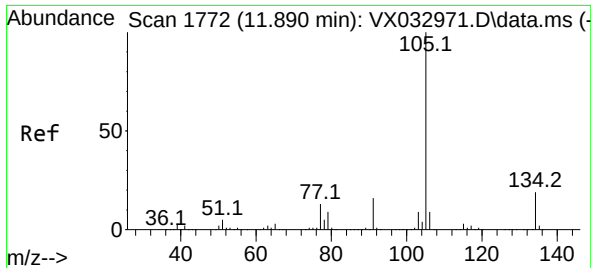
12/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.102 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

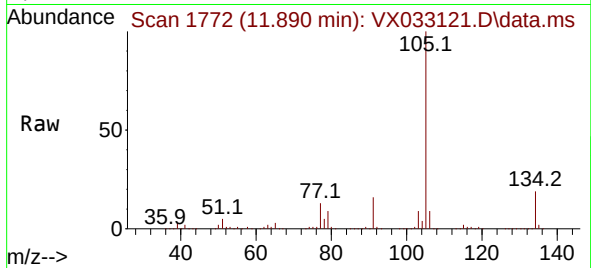
Tgt Ion:105 Resp: 298862
Ion Ratio Lower Upper
105 100
120 43.1 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 49.253 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033121.D
 Acq: 30 Nov 2022 09:43

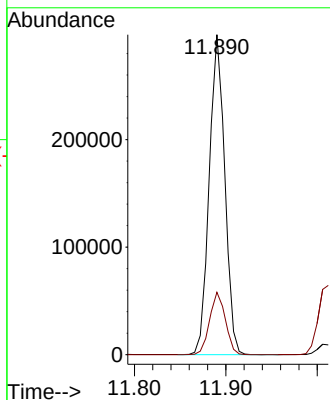
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 350890
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

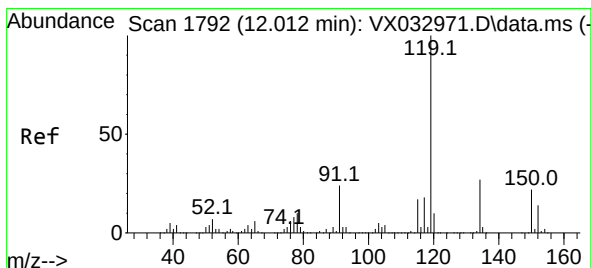
Manual Integrations
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Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022



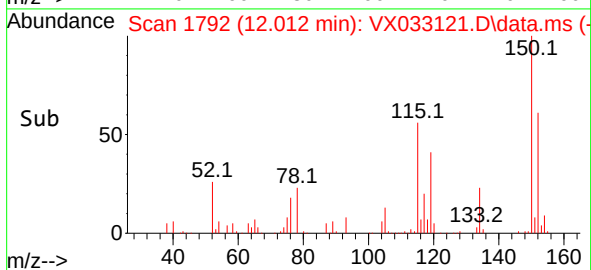
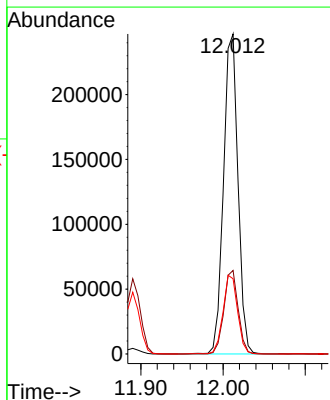
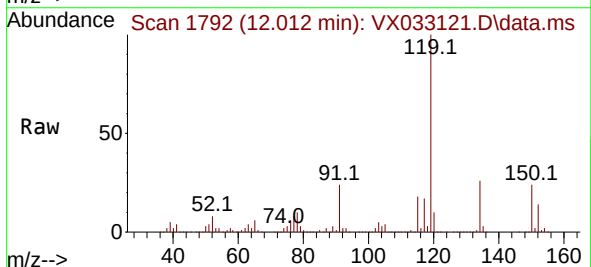
12/01/2022
 Supervised By :Mahesh
 Dadoda

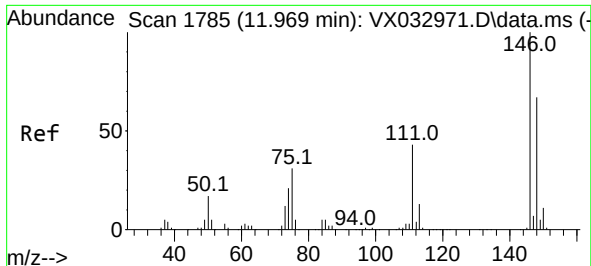
12/01/2022



#86
 p-Isopropyltoluene
 Concen: 50.021 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033121.D
 Acq: 30 Nov 2022 09:43

Tgt Ion:119 Resp: 301927
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 49.960 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 164111

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

148 63.5 31.7 95.1

Manual Integrations

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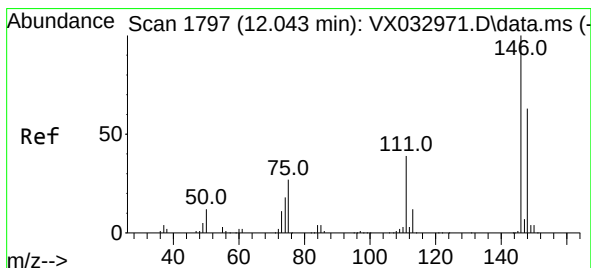
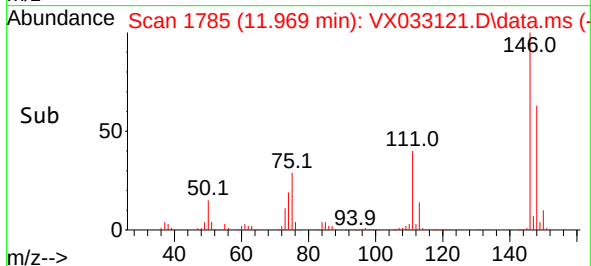
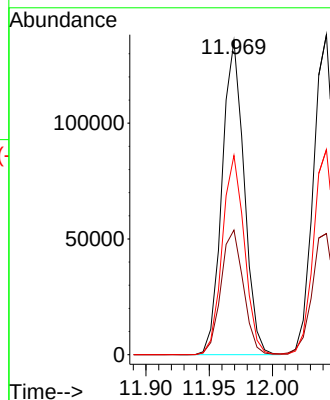
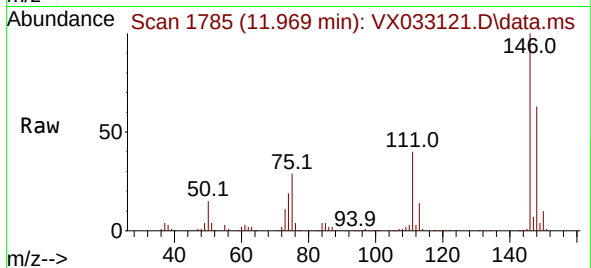
Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022

12/01/2022

Supervised By :Mahesh
Dadoda

12/01/2022



#88

1,4-Dichlorobenzene

Concen: 49.610 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

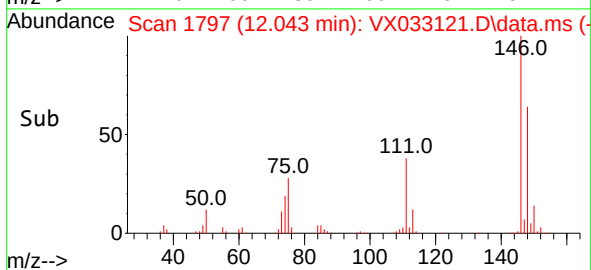
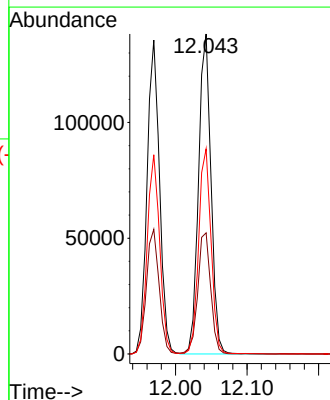
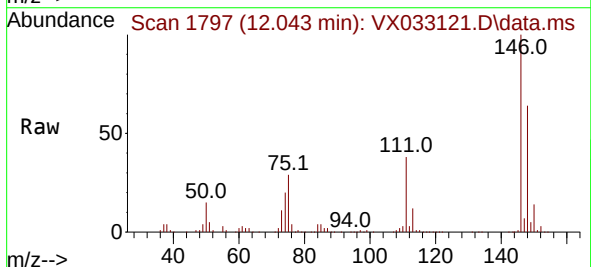
Tgt Ion:146 Resp: 166899

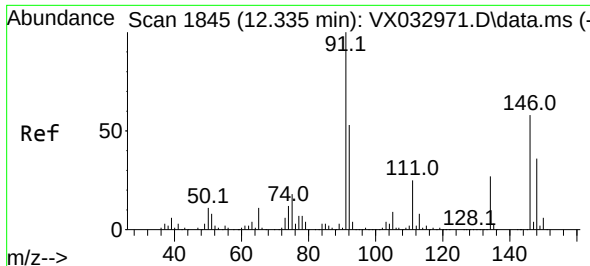
Ion Ratio Lower Upper

146 100

111 39.4 20.5 61.6

148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 50.540 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033121.D

Acq: 30 Nov 2022 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 26280

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.6

134 25.8 12.9 38.6

Manual Integrations

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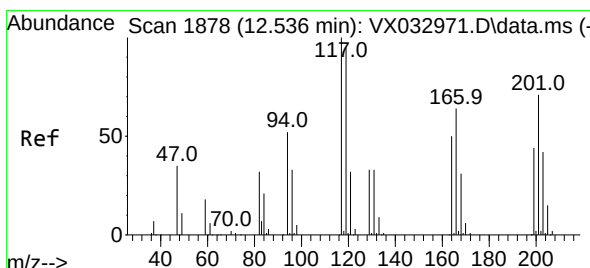
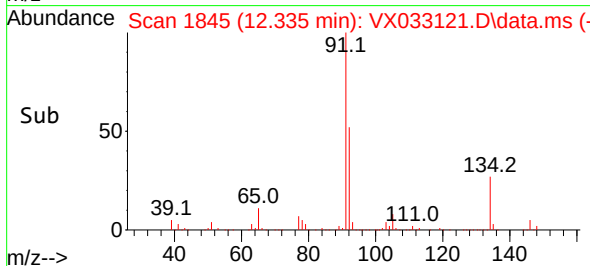
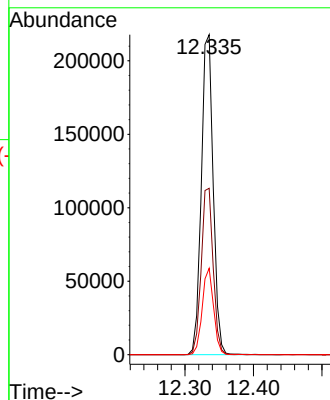
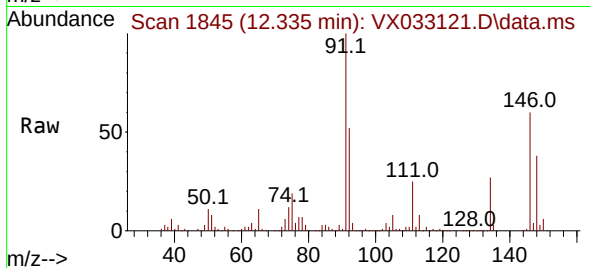
Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022

12/01/2022

Supervised By :Mahesh
Dadoda

12/01/2022



#90

Hexachloroethane

Concen: 51.050 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX033121.D

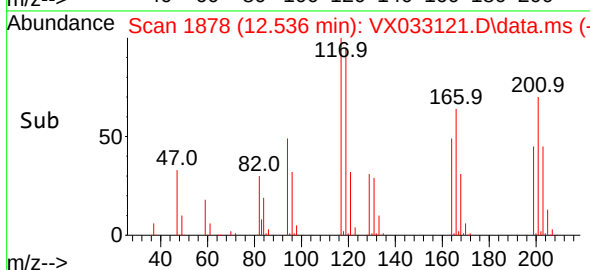
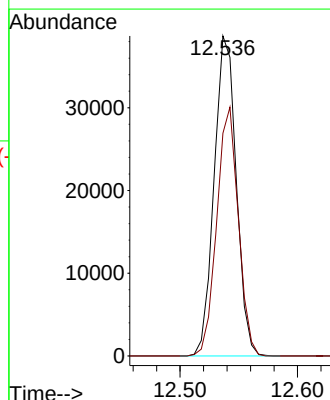
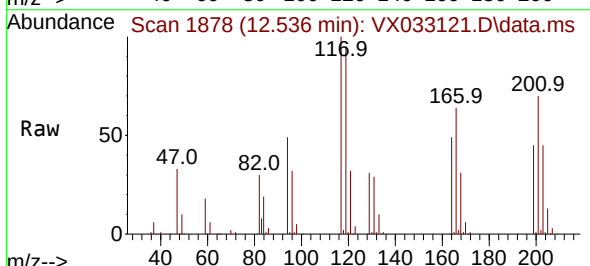
Acq: 30 Nov 2022 09:43

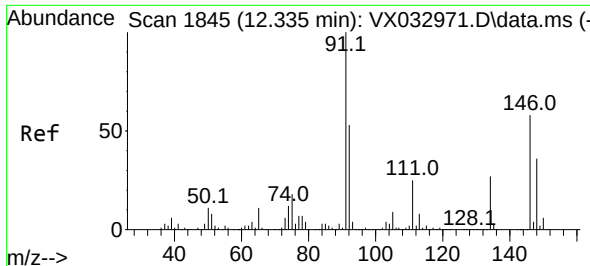
Tgt Ion:117 Resp: 50625

Ion Ratio Lower Upper

117 100

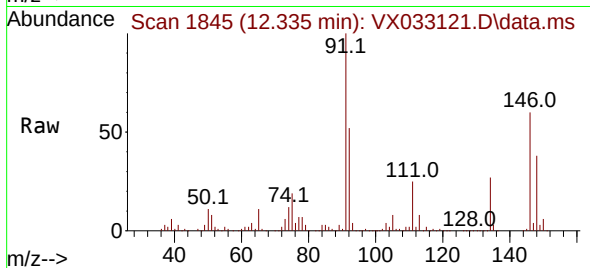
201 75.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 50.354 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



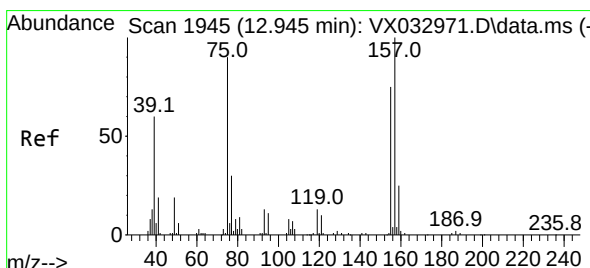
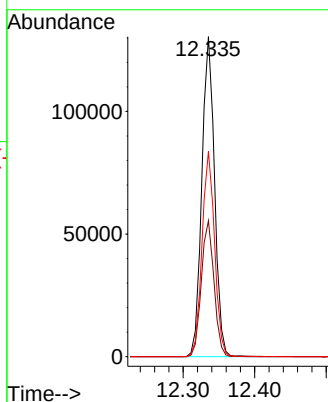
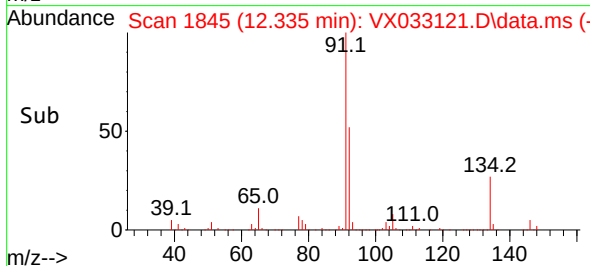
Tgt Ion:146 Resp: 160900
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 63.6 32.0 96.2

Manual Integrations
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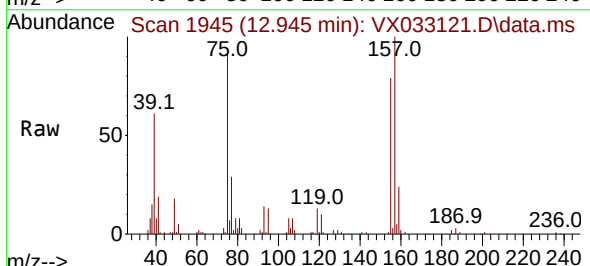
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

12/01/2022
Supervised By :Mahesh
Dadoda

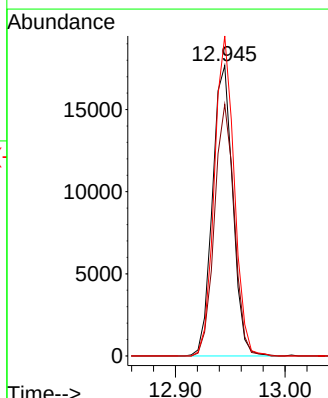
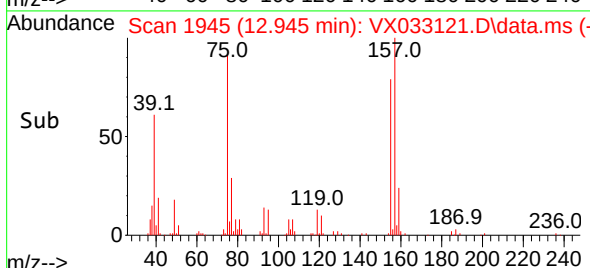
12/01/2022

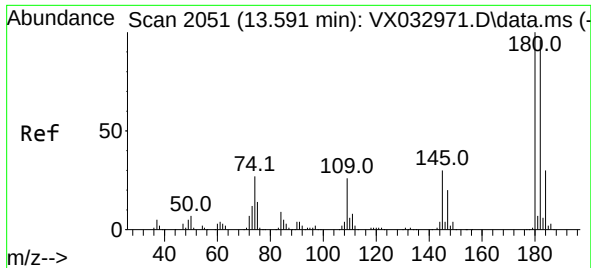


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.051 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43



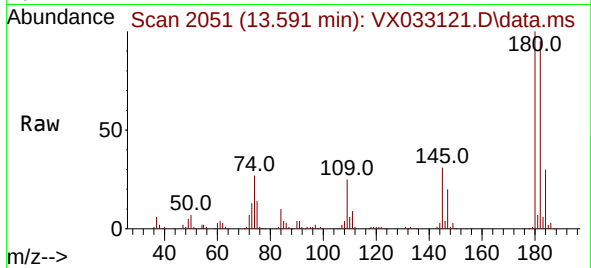
Tgt Ion: 75 Resp: 22750
Ion Ratio Lower Upper
75 100
155 84.8 41.6 124.8
157 107.7 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 51.479 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



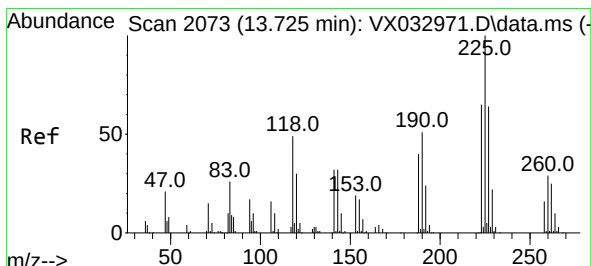
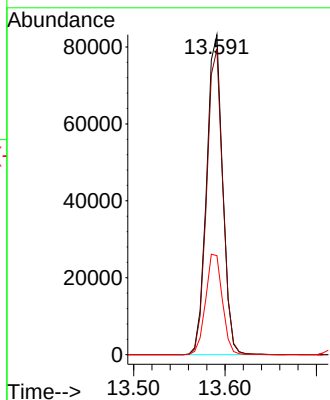
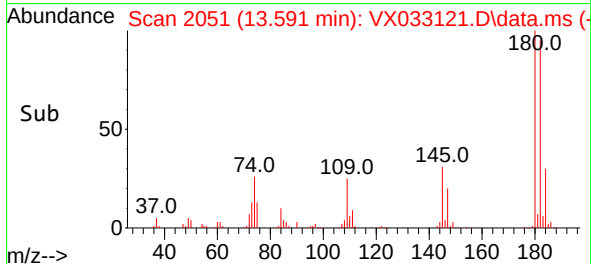
Tgt Ion:180 Resp: 101402
Ion Ratio Lower Upper
180 100
182 95.5 48.4 145.0
145 32.8 16.2 48.5

Manual Integrations
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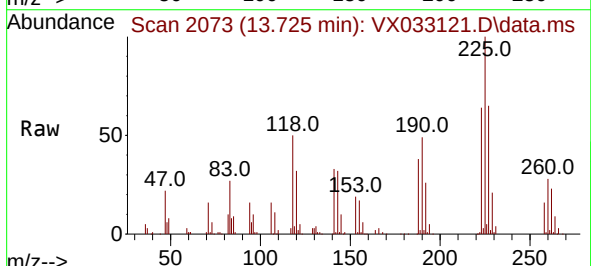
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

12/01/2022
Supervised By :Mahesh
Dadoda

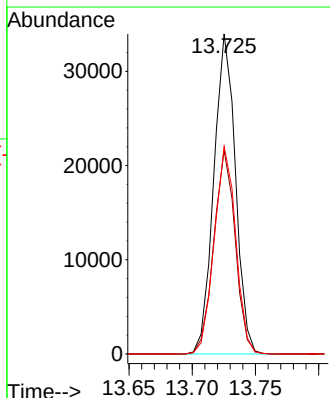
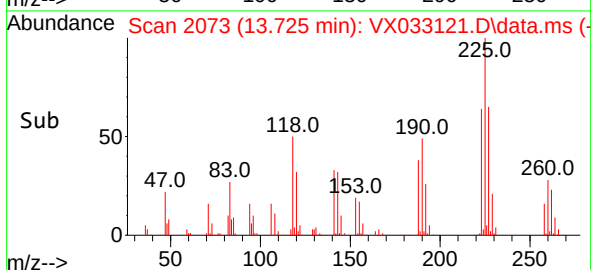
12/01/2022

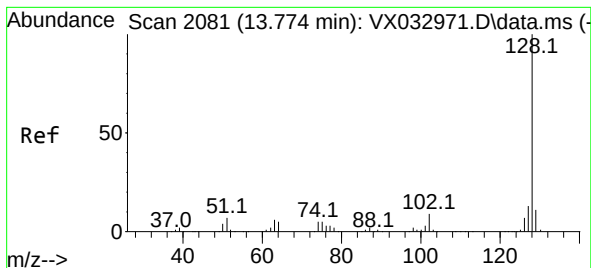


#94
Hexachlorobutadiene
Concen: 46.345 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43



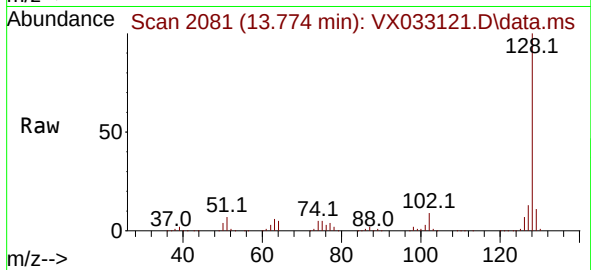
Tgt Ion:225 Resp: 40275
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.9
227 64.4 31.9 95.5





#95
Naphthalene
Concen: 52.645 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



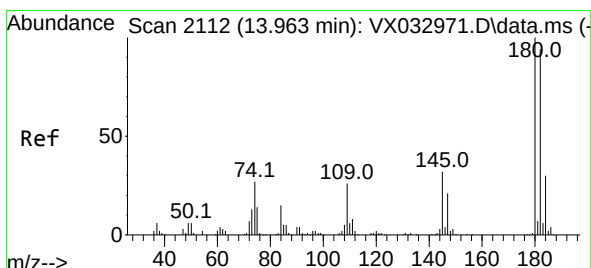
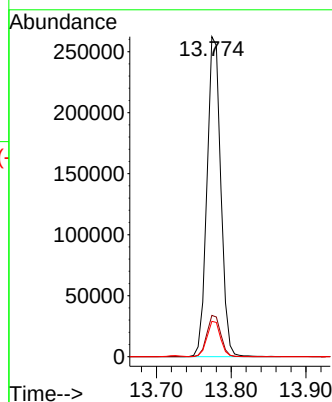
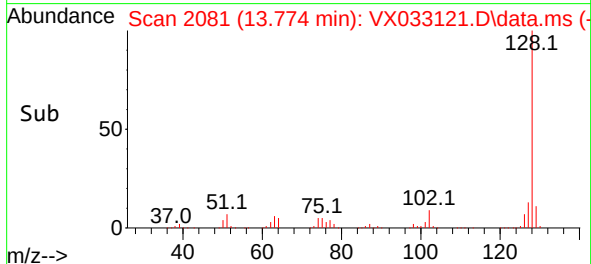
Tgt Ion:128 Resp: 335470
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

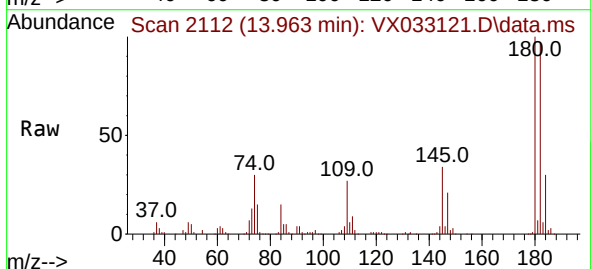
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

12/01/2022
Supervised By :Mahesh
Dadoda

12/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.652 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033121.D
Acq: 30 Nov 2022 09:43



Tgt Ion:180 Resp: 102029
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.6
145 33.8 16.9 50.6

