

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033361.D
 Acq On : 09 Dec 2022 20:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 05:58:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	158106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47176	46.511	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.020%		
35) Dibromofluoromethane	5.391	113	53713	47.584	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.160%		
50) Toluene-d8	8.647	98	117535	49.774	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.540%		
62) 4-Bromofluorobenzene	11.079	95	92382	51.166	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	55276	50.049	ug/l	99
3) Chloromethane	1.295	50	59108	46.287	ug/l	97
4) Vinyl Chloride	1.374	62	70392	48.277	ug/l	100
5) Bromomethane	1.618	94	46536	43.490	ug/l	99
6) Chloroethane	1.691	64	51524	46.587	ug/l	97
7) Trichlorofluoromethane	1.886	101	138639	50.646	ug/l	99
8) Diethyl Ether	2.136	74	32834	33.208	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	74881	51.567	ug/l	99
10) Methyl Iodide	2.453	142	84969	53.427	ug/l	98
11) Tert butyl alcohol	3.008	59	70486m	227.297	ug/l	
12) 1,1-Dichloroethene	2.325	96	67291	46.946	ug/l	100
13) Acrolein	2.239	56	64003	190.300	ug/l	99
14) Allyl chloride	2.666	41	113417	49.548	ug/l	95
15) Acrylonitrile	3.069	53	185014	240.850	ug/l	99
16) Acetone	2.392	43	154809	206.259	ug/l	99
17) Carbon Disulfide	2.514	76	171409	46.594	ug/l	99
18) Methyl Acetate	2.709	43	106894	49.197	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	256425	51.647	ug/l	99
20) Methylene Chloride	2.788	84	82120	49.060	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	81727	52.123	ug/l	97
22) Diisopropyl ether	3.757	45	251392	51.261	ug/l	90
23) Vinyl Acetate	3.721	43	955391	250.988	ug/l	98
24) 1,1-Dichloroethane	3.611	63	145951	50.650	ug/l	99
25) 2-Butanone	4.562	43	251388	233.336	ug/l	97
26) 2,2-Dichloropropane	4.477	77	104037	49.096	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	97890	52.239	ug/l	96
28) Bromochloromethane	4.898	49	61453	50.946	ug/l	92
29) Tetrahydrofuran	5.013	42	164226	235.272	ug/l	97
30) Chloroform	5.093	83	163770	51.194	ug/l	100
31) Cyclohexane	5.471	56	127229	52.780	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	146081	53.074	ug/l	98
36) 1,1-Dichloropropene	5.696	75	115686	52.566	ug/l	99
37) Ethyl Acetate	4.715	43	102858	49.443	ug/l	99
38) Carbon Tetrachloride	5.678	117	127239	51.602	ug/l	99
39) Methylcyclohexane	7.379	83	134295	54.518	ug/l	99
40) Benzene	6.038	78	336395	52.424	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58730	51.231	ug/l	96
42) 1,2-Dichloroethane	6.086	62	130257	51.120	ug/l	98
43) Isopropyl Acetate	6.342	43	166630	49.781	ug/l	97
44) Trichloroethene	7.129	130	94633	53.490	ug/l	98
45) 1,2-Dichloropropane	7.434	63	85190	51.912	ug/l	100
46) Dibromomethane	7.580	93	64184	51.342	ug/l	98
47) Bromodichloromethane	7.824	83	126283	51.822	ug/l	100
48) Methyl methacrylate	7.690	41	86781	50.234	ug/l	92
49) 1,4-Dioxane	7.708	88	38974	989.345	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	530082	250.418	ug/l	96
52) Toluene	8.720	92	222820	53.708	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	124133	47.548	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	137183	52.903	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	91186	52.287	ug/l	99
56) Ethyl methacrylate	9.116	69	131466	53.541	ug/l	91
57) 1,3-Dichloropropane	9.305	76	145651	51.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	282856	251.760	ug/l	98
59) 2-Hexanone	9.433	43	383289	245.709	ug/l	95
60) Dibromochloromethane	9.519	129	99704	51.889	ug/l	100
61) 1,2-Dibromoethane	9.610	107	97794	52.718	ug/l	99
64) Tetrachloroethene	9.275	164	81759	52.278	ug/l	96
65) Chlorobenzene	10.080	112	241391	52.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	91696	52.390	ug/l	99
67) Ethyl Benzene	10.195	91	436215	54.063	ug/l	100
68) m/p-Xylenes	10.299	106	342933	109.240	ug/l	96
69) o-Xylene	10.640	106	168498	54.302	ug/l	97
70) Styrene	10.653	104	278922	54.884	ug/l	98
71) Bromoform	10.799	173	70129	50.620	ug/l #	100
73) Isopropylbenzene	10.964	105	442837	54.783	ug/l	99
74) N-amyl acetate	10.842	43	143860	52.162	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	128061	49.937	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	103158m	45.464	ug/l	
77) Bromobenzene	11.201	156	106292	52.072	ug/l	99
78) n-propylbenzene	11.305	91	498376	55.216	ug/l	99
79) 2-Chlorotoluene	11.366	91	295551	52.984	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	369484	54.911	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	34565	47.387	ug/l	97
82) 4-Chlorotoluene	11.457	91	344238	53.072	ug/l	98
83) tert-Butylbenzene	11.713	119	358759	53.467	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	363014	54.047	ug/l	99
85) sec-Butylbenzene	11.890	105	437739	55.915	ug/l	99
86) p-Isopropyltoluene	12.006	119	370321	54.867	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	196542	53.154	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	197297	52.238	ug/l	98
89) n-Butylbenzene	12.335	91	304878	55.151	ug/l	99
90) Hexachloroethane	12.536	117	58670	51.139	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	191251	51.734	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26078	47.079	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	117741	52.736	ug/l	99
94) Hexachlorobutadiene	13.725	225	47092	52.673	ug/l	96
95) Naphthalene	13.774	128	397271	53.344	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	118036	52.200	ug/l	99

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ClientSampleId :
VSTDCCC050EC

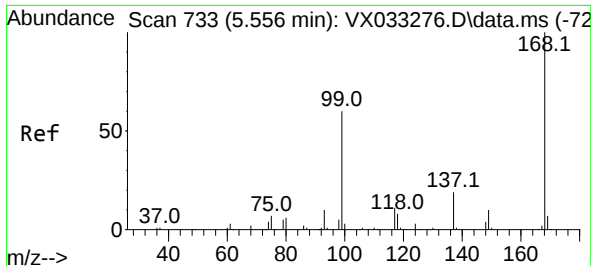
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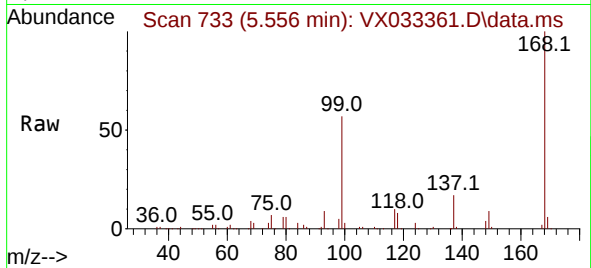
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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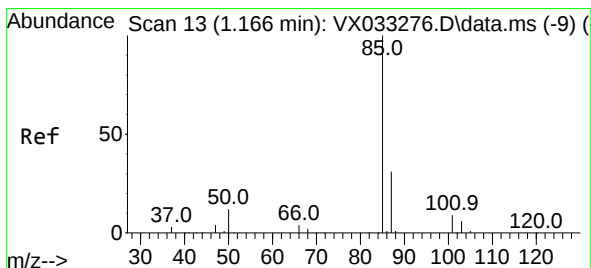
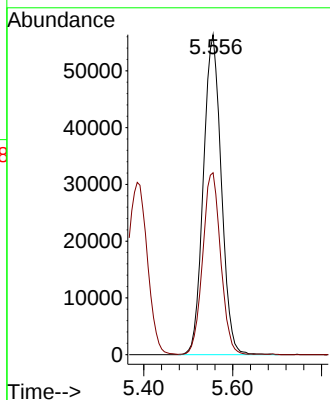
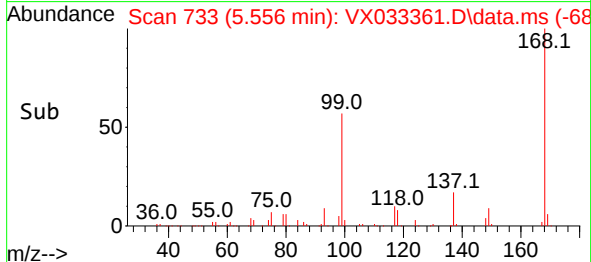
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 158100
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1

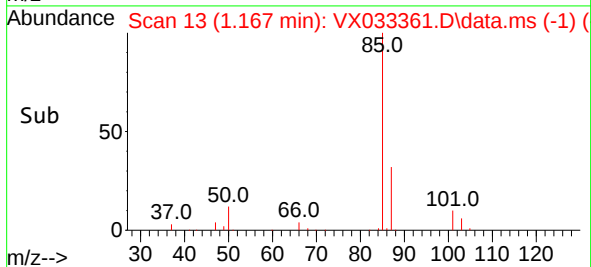
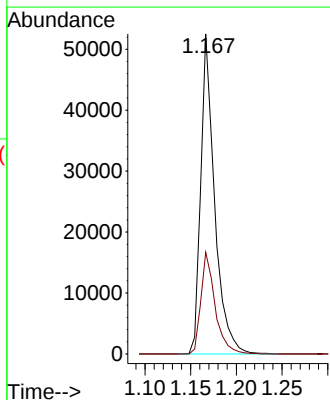
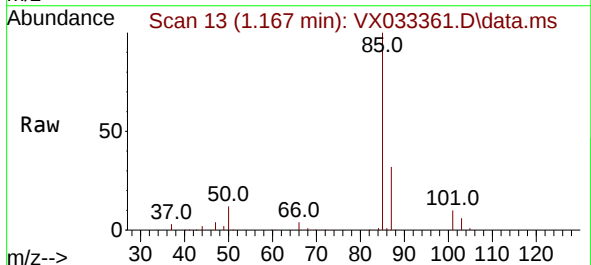
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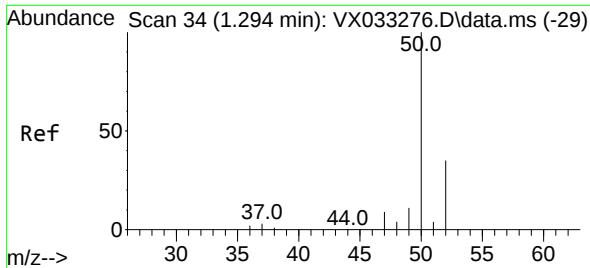
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#2
Dichlorodifluoromethane
Concen: 50.049 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Tgt Ion: 85 Resp: 55276
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.7





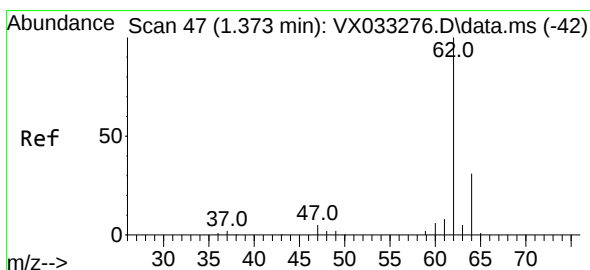
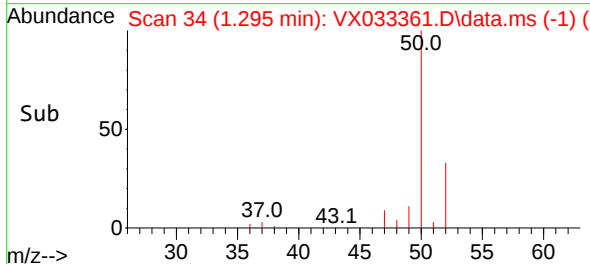
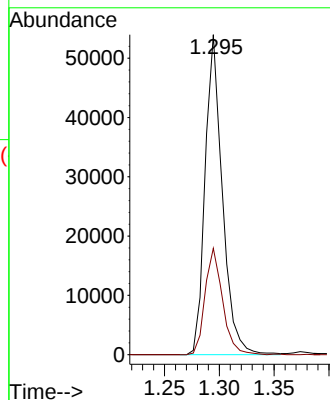
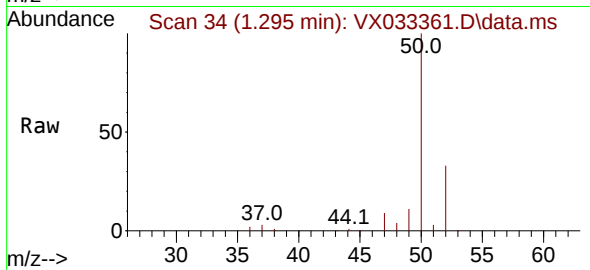
#3
Chloromethane
Concen: 46.287 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
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Tgt Ion: 50 Resp: 59108
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

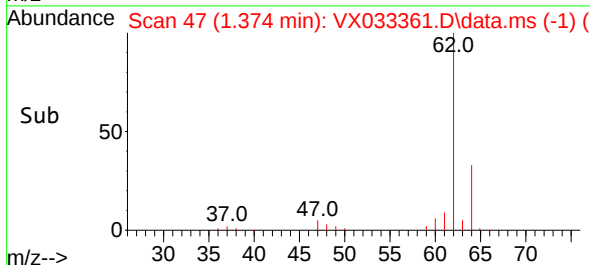
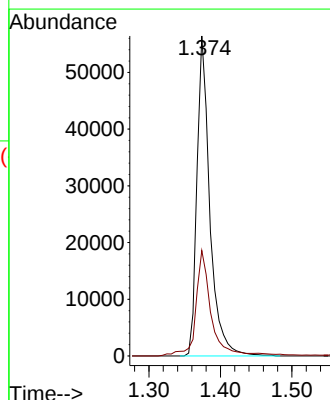
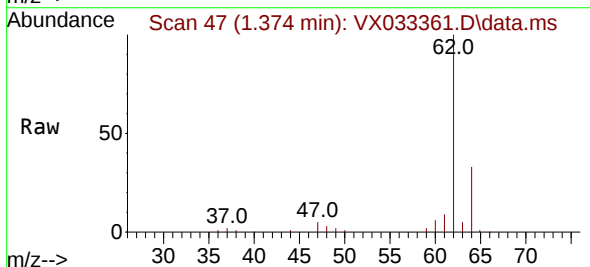
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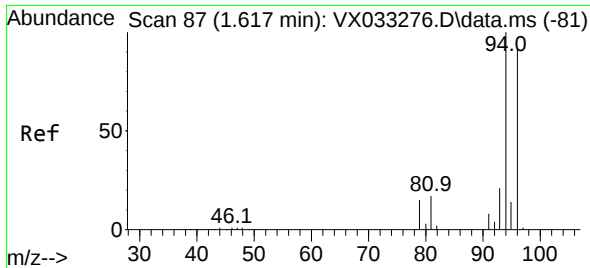
Reviewed By :John Carlone 12/12/2022
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#4
Vinyl Chloride
Concen: 48.277 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

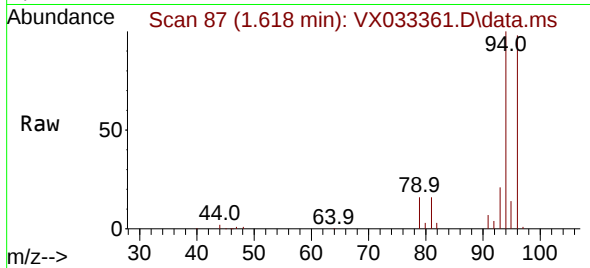
Tgt Ion: 62 Resp: 70392
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





#5
Bromomethane
Concen: 43.490 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

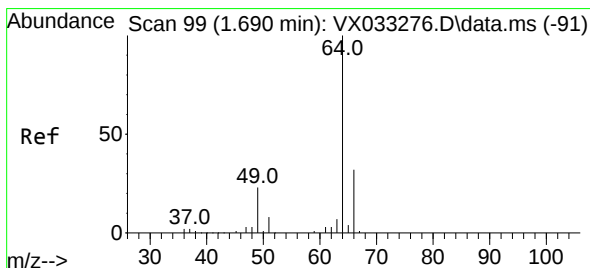
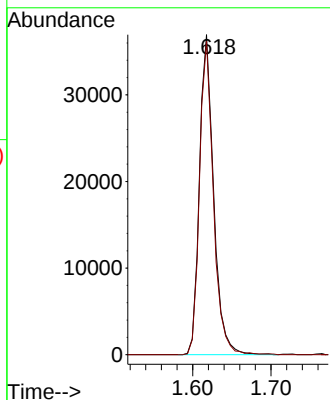
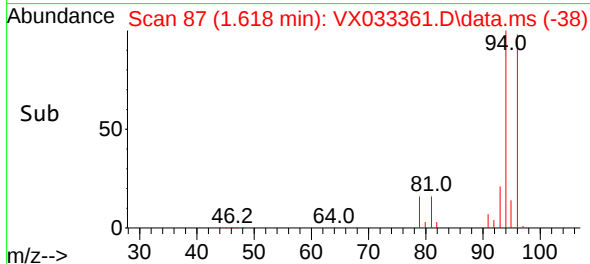
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Tgt Ion: 94 Resp: 46530
Ion Ratio Lower Upper
94 100
96 98.0 77.6 116.4

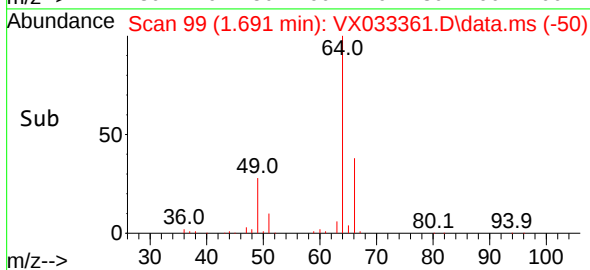
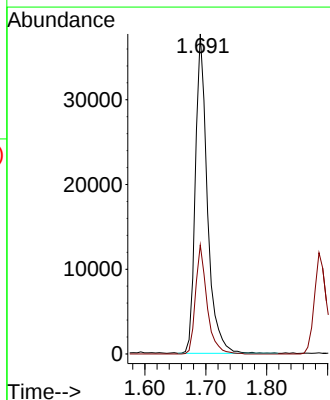
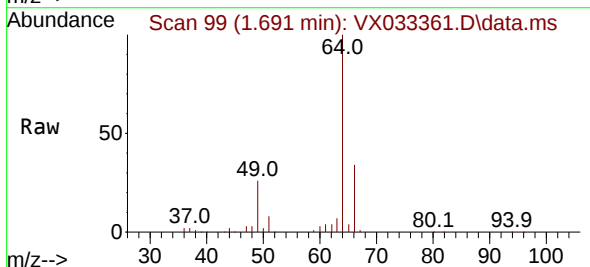
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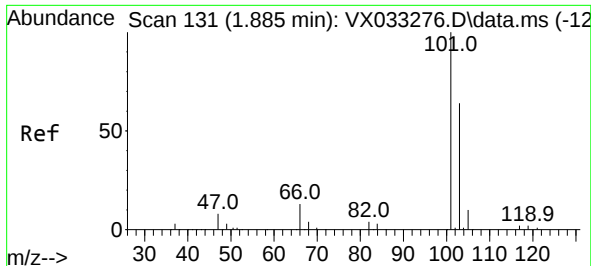
Reviewed By :John Carlone 12/12/2022
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#6
Chloroethane
Concen: 46.587 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033361.D
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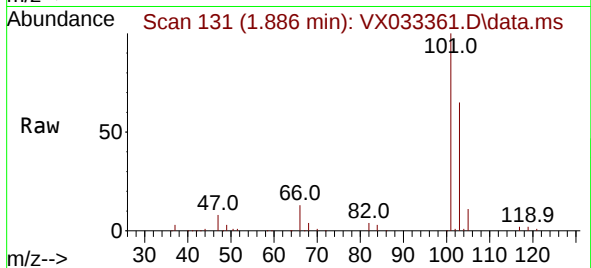
Tgt Ion: 64 Resp: 51524
Ion Ratio Lower Upper
64 100
66 34.1 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 50.646 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033361.D
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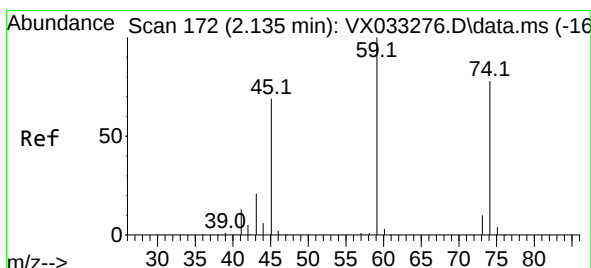
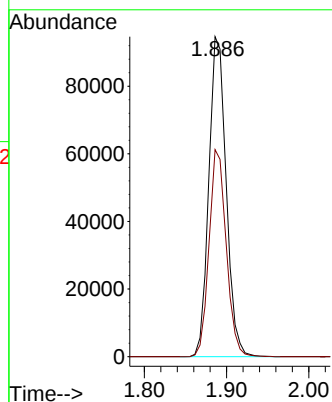
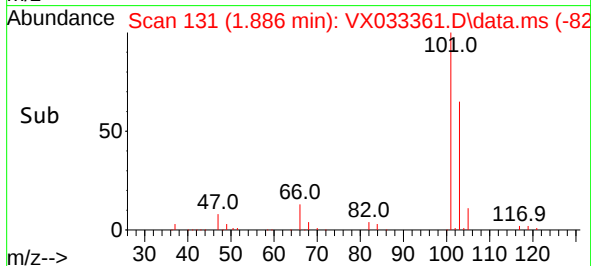
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 138639
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2

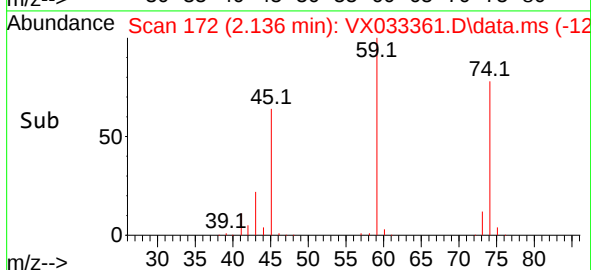
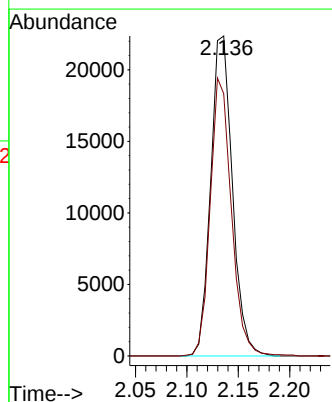
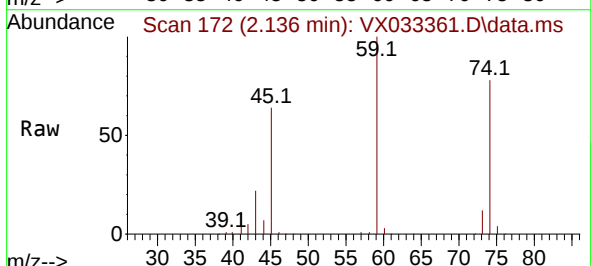
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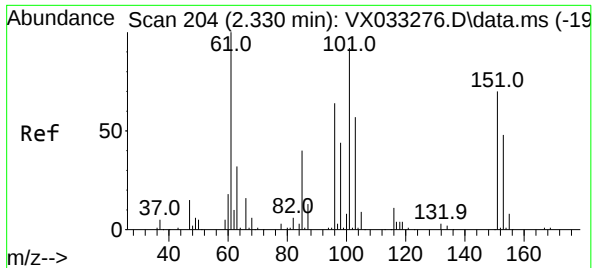
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#8
 Diethyl Ether
 Concen: 33.208 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 32834
 Ion Ratio Lower Upper
 74 100
 45 84.8 46.6 139.7





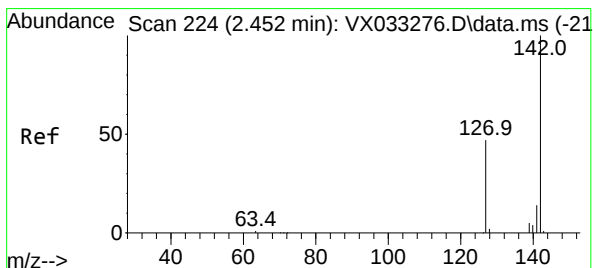
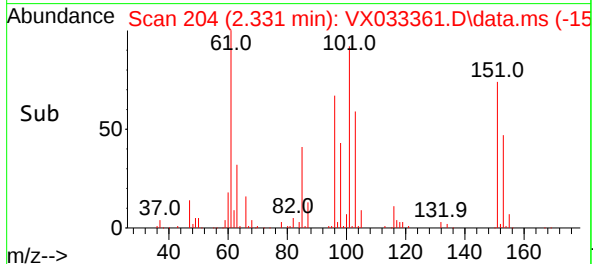
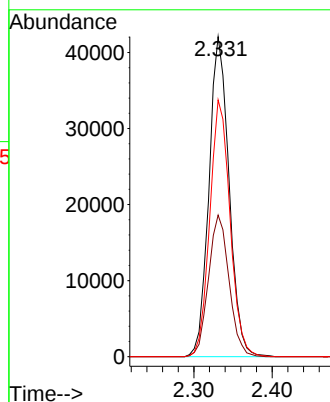
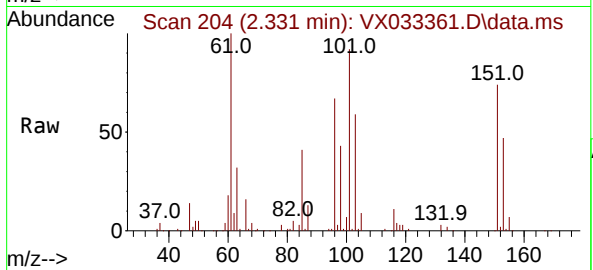
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.567 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7488
Ion Ratio Lower Upper
101 100
85 45.3 37.0 55.4
151 81.1 64.4 96.6

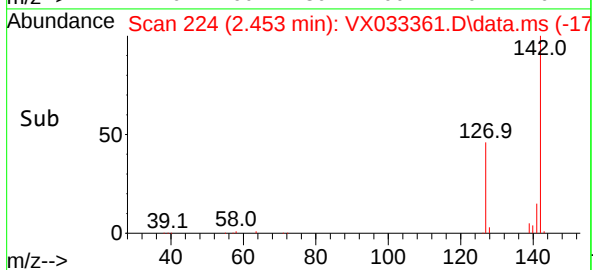
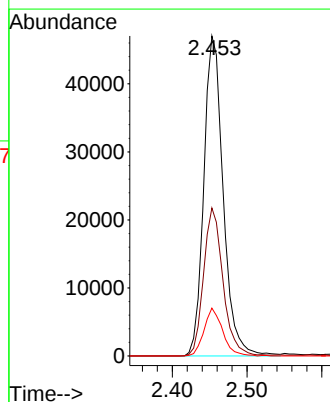
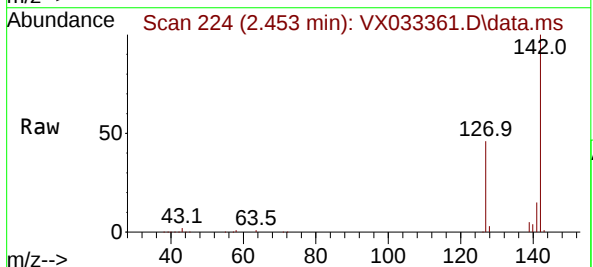
Manual Integrations
APPROVED

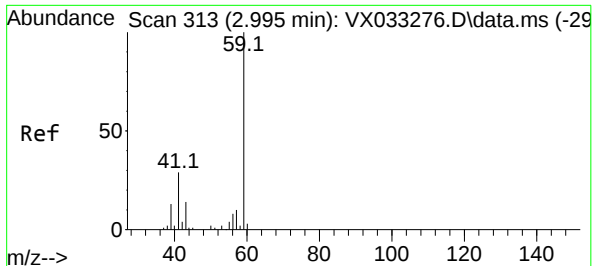
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#10
Methyl Iodide
Concen: 53.427 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Tgt Ion:142 Resp: 84969
Ion Ratio Lower Upper
142 100
127 46.2 38.6 57.8
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 227.297 ug/l m

RT: 3.008 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 70480

Ion Ratio Lower Upper

59 100

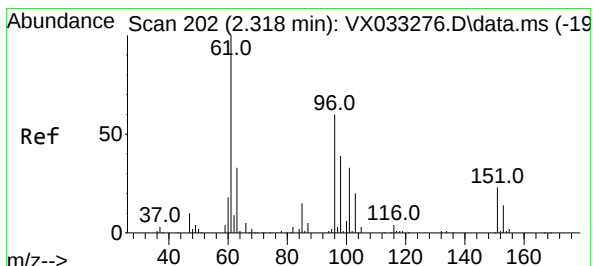
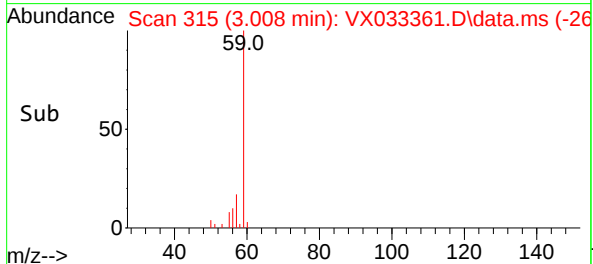
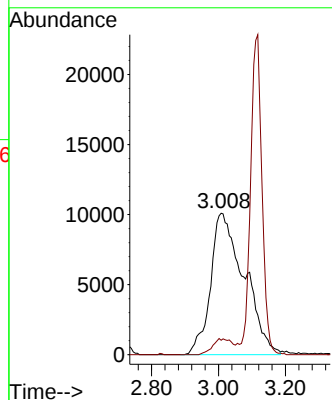
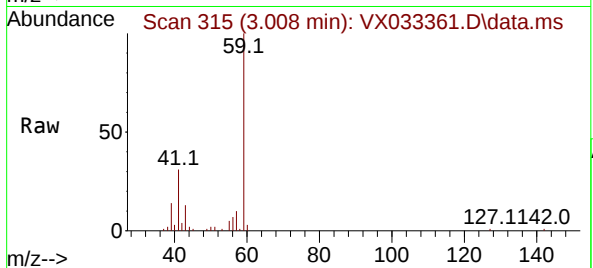
57 6.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#12

1,1-Dichloroethene

Concen: 46.946 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

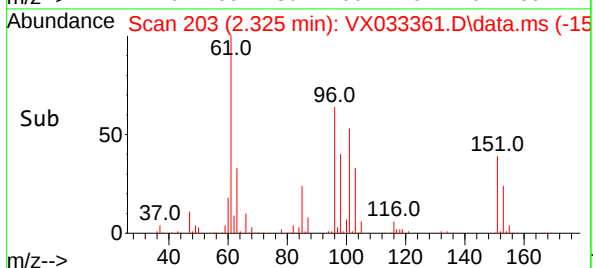
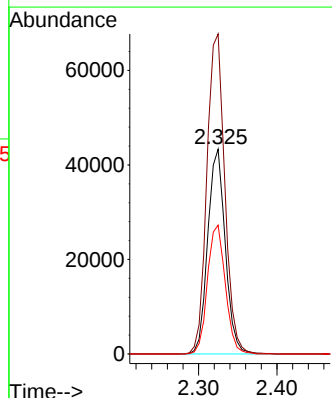
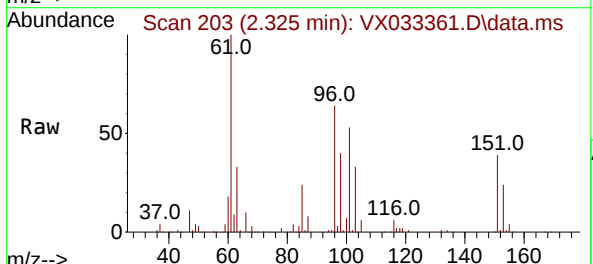
Tgt Ion: 96 Resp: 67291

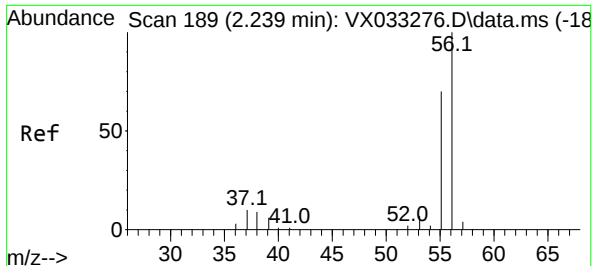
Ion Ratio Lower Upper

96 100

61 156.3 125.1 187.7

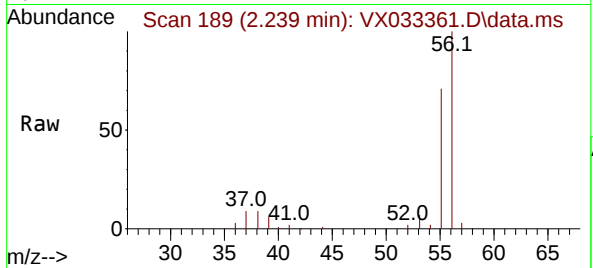
98 62.9 50.6 76.0





#13
Acrolein
Concen: 190.300 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

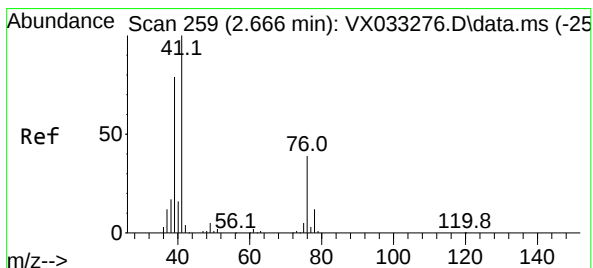
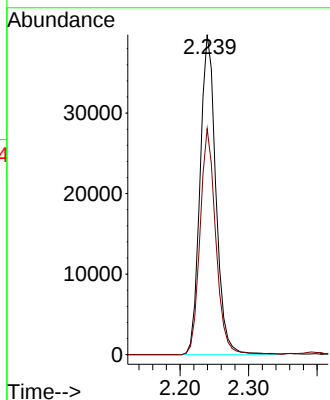
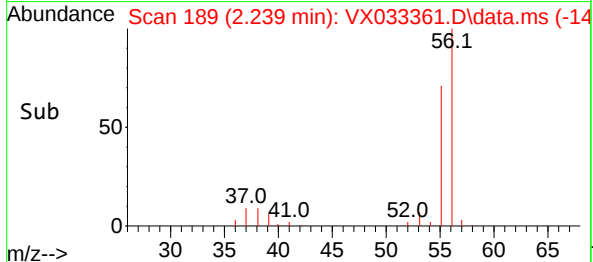
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6400
Ion Ratio Lower Upper
56 100
55 70.4 56.9 85.3

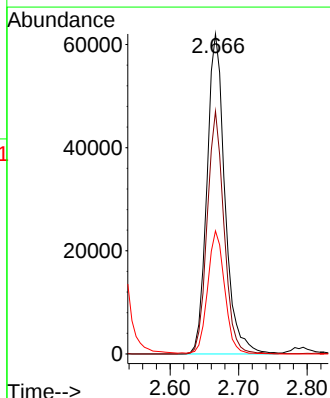
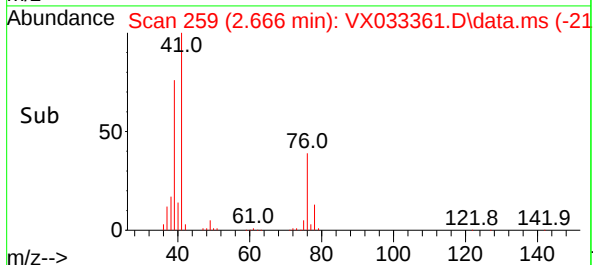
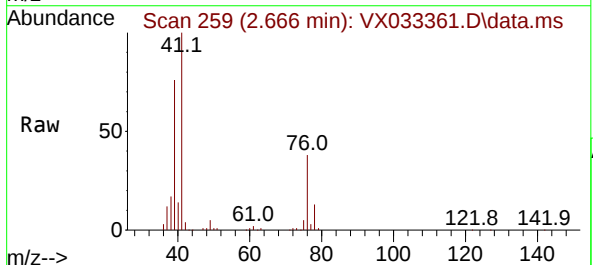
Manual Integrations
APPROVED

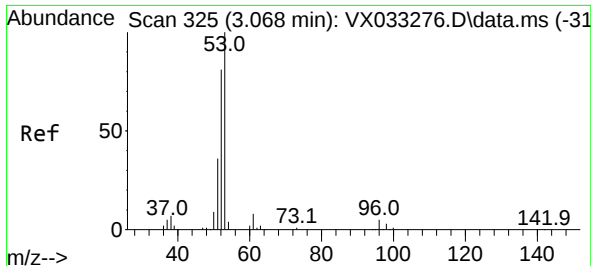
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#14
Allyl chloride
Concen: 49.548 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

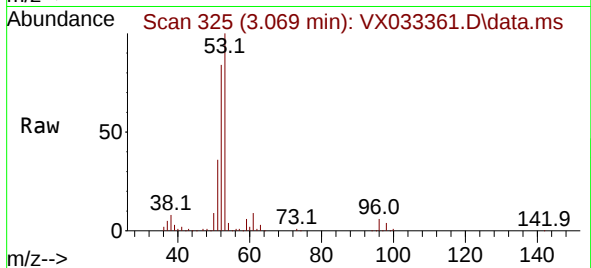
Tgt Ion: 41 Resp: 113417
Ion Ratio Lower Upper
41 100
39 70.9 61.4 92.2
76 36.3 29.2 43.8





#15
Acrylonitrile
Concen: 240.850 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

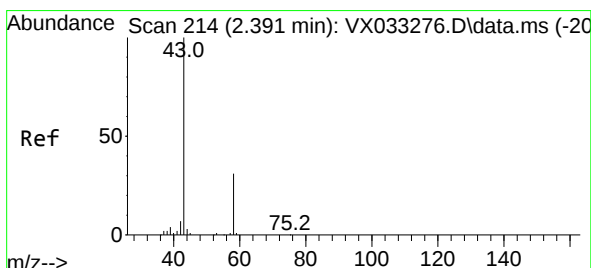
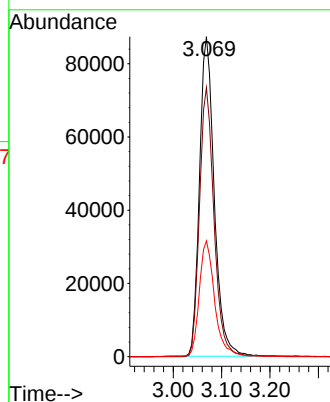
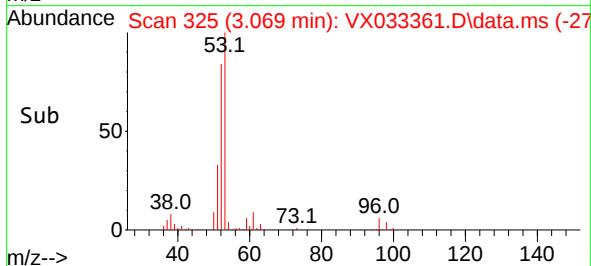
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



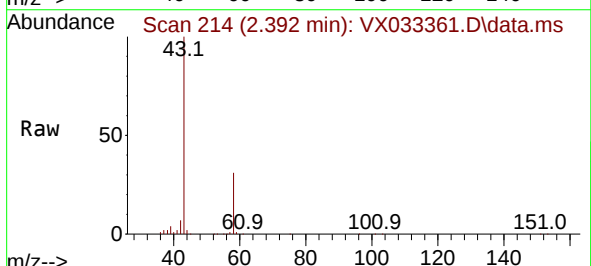
Tgt Ion: 53 Resp: 185014
Ion Ratio Lower Upper
53 100
52 83.1 67.4 101.0
51 37.9 30.3 45.5

Manual Integrations
APPROVED

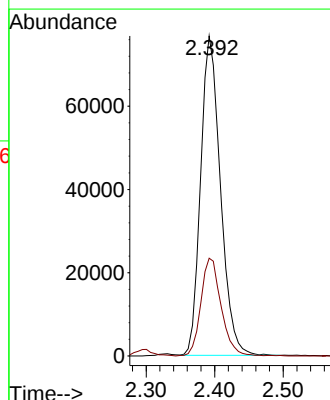
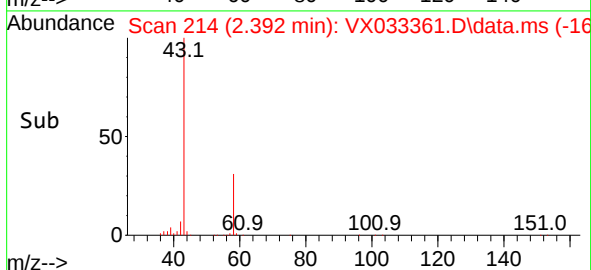
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

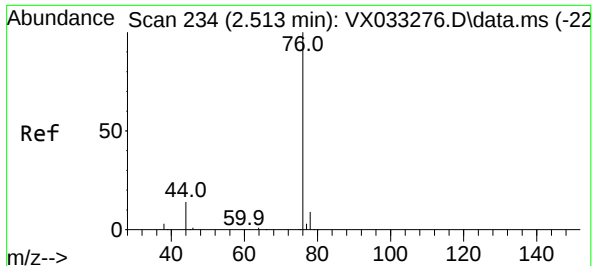


#16
Acetone
Concen: 206.259 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26



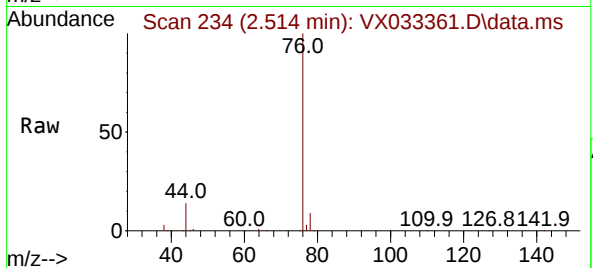
Tgt Ion: 43 Resp: 154809
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.8





#17
Carbon Disulfide
Concen: 46.594 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

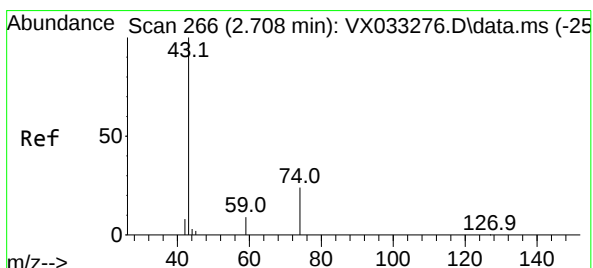
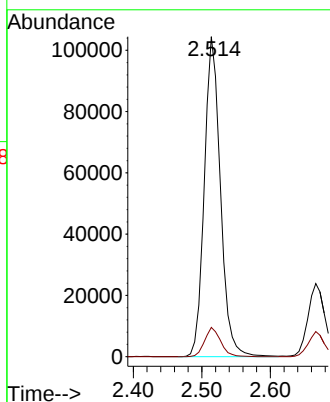
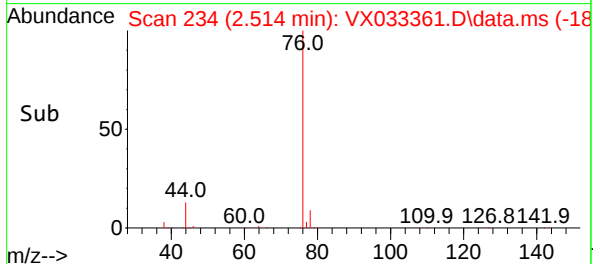
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



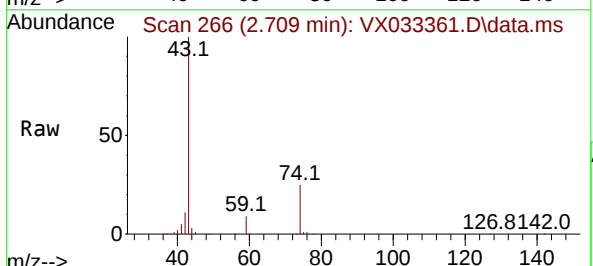
Tgt Ion: 76 Resp: 171409
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
APPROVED

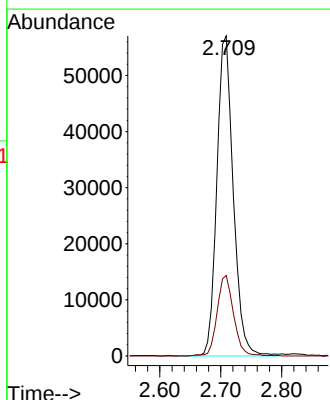
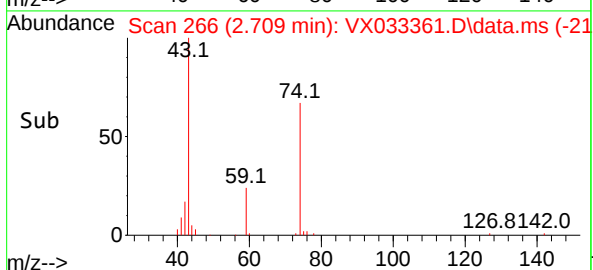
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

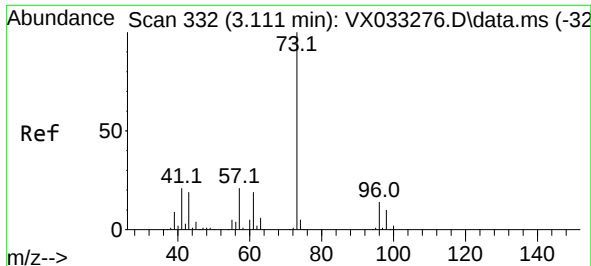


#18
Methyl Acetate
Concen: 49.197 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26



Tgt Ion: 43 Resp: 106894
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.0





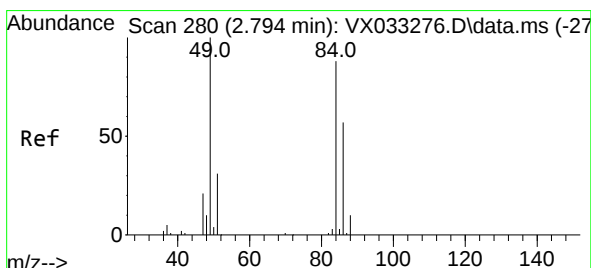
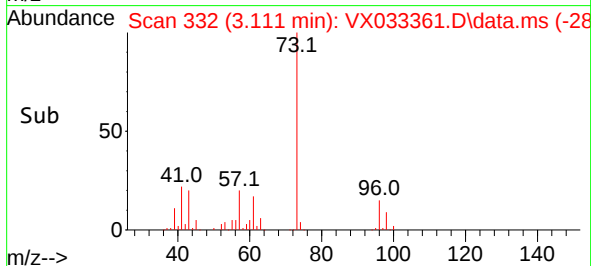
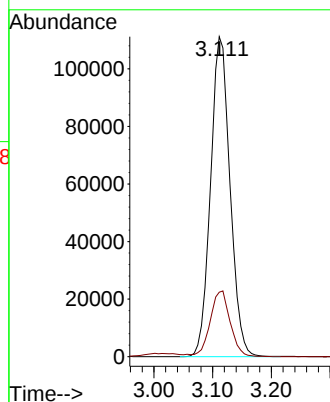
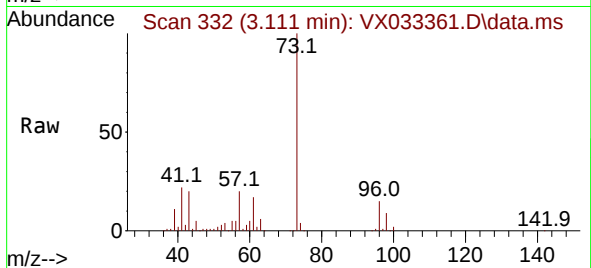
#19
Methyl tert-butyl Ether
Concen: 51.647 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 256429
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

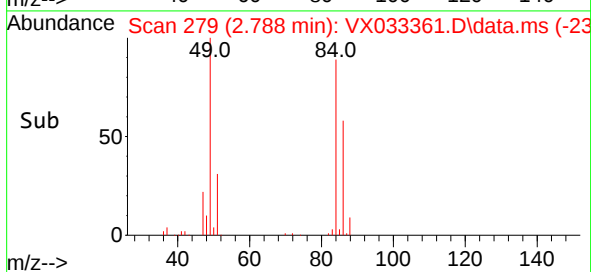
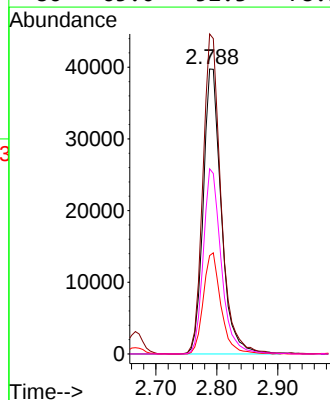
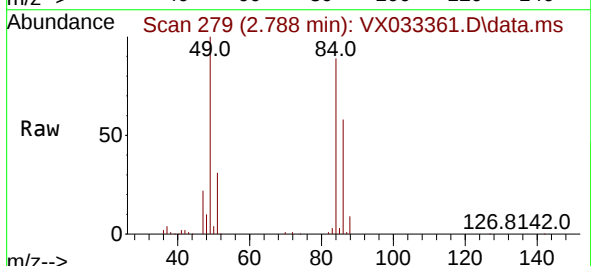
Manual Integrations
APPROVED

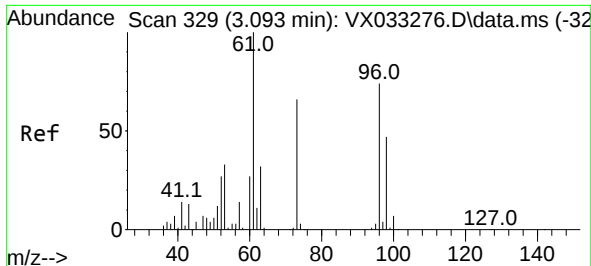
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#20
Methylene Chloride
Concen: 49.060 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

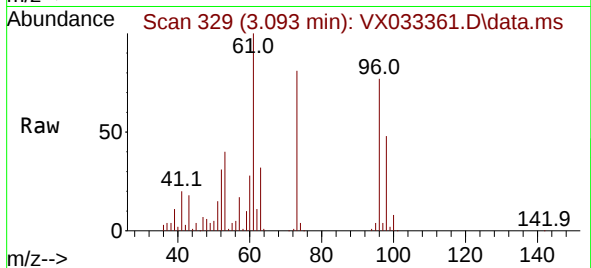
Tgt Ion: 84 Resp: 82120
Ion Ratio Lower Upper
84 100
49 112.3 101.0 151.6
51 34.6 31.1 46.7
86 65.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 52.123 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

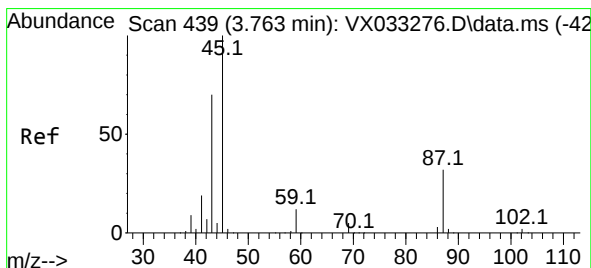
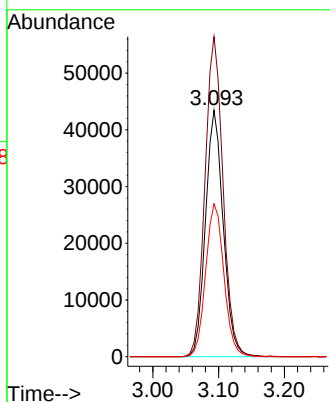
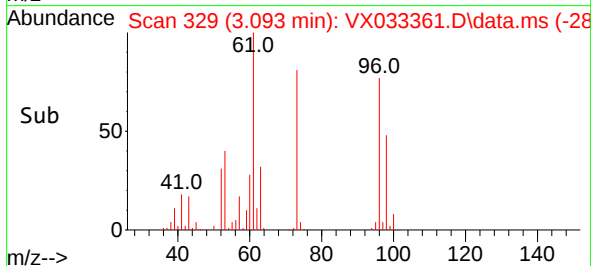
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



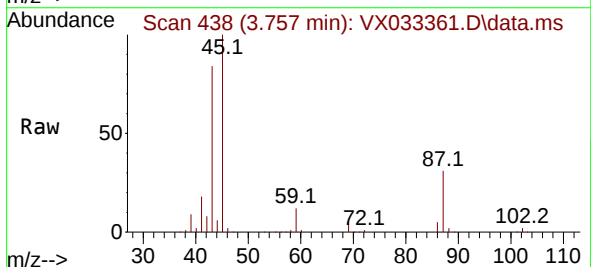
Tgt Ion: 96 Resp: 8172
Ion Ratio Lower Upper
96 100
61 129.9 106.6 160.0
98 62.0 51.0 76.6

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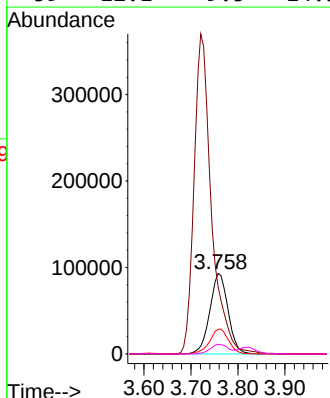
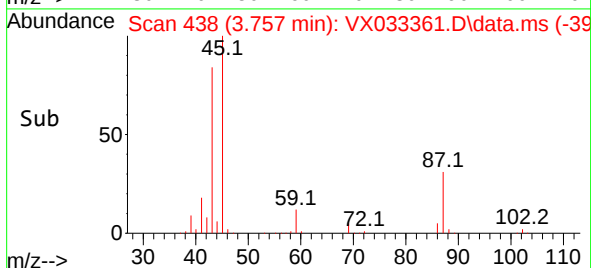
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

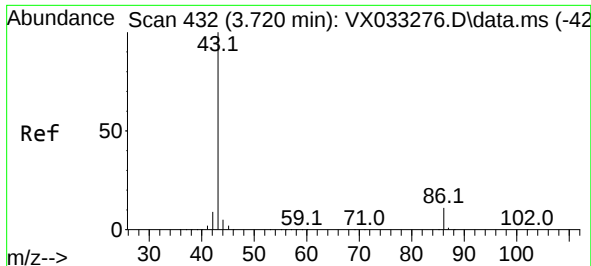


#22
Diisopropyl ether
Concen: 51.261 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26



Tgt Ion: 45 Resp: 251392
Ion Ratio Lower Upper
45 100
43 84.0 56.4 84.6
87 30.7 24.4 36.6
59 12.1 9.5 14.3





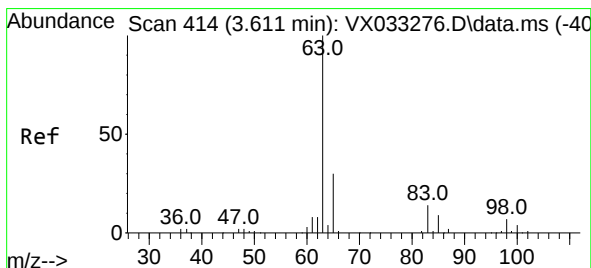
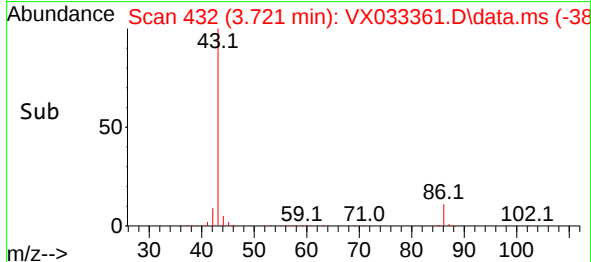
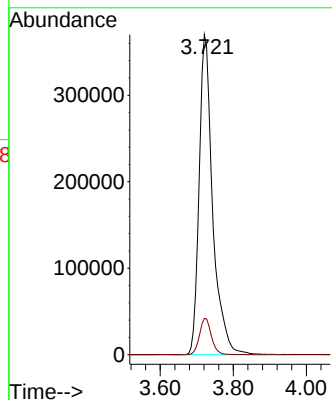
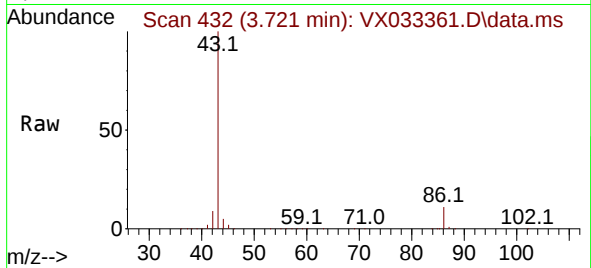
#23
 Vinyl Acetate
 Concen: 250.988 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033361.D
 Acq: 09 Dec 2022 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 95539
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8

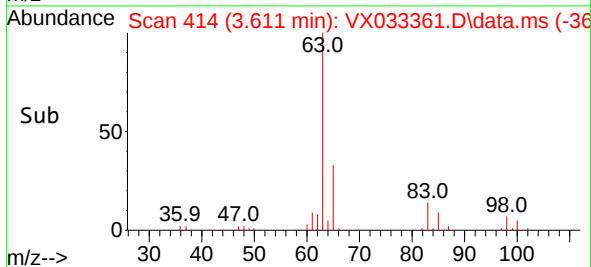
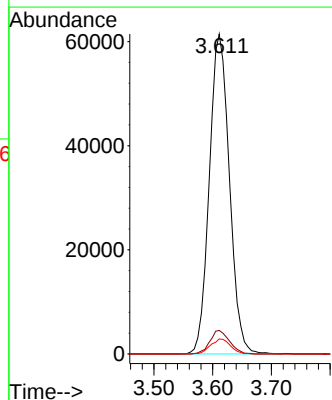
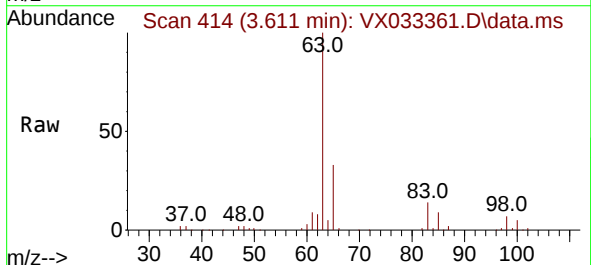
Manual Integrations
 APPROVED

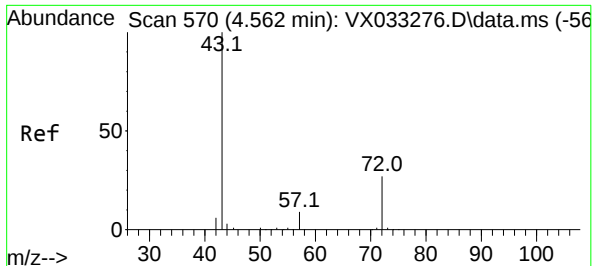
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#24
 1,1-Dichloroethane
 Concen: 50.650 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033361.D
 Acq: 09 Dec 2022 20:26

Tgt Ion: 63 Resp: 145951
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 233.336 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 25138

Ion Ratio Lower Upper

43 100

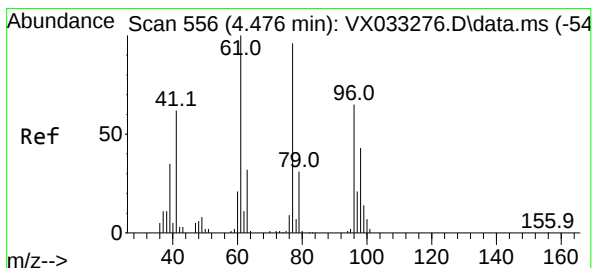
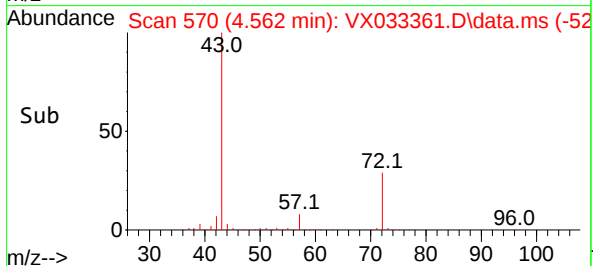
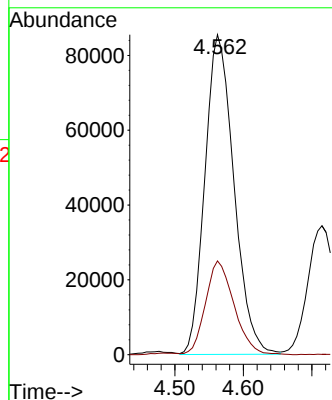
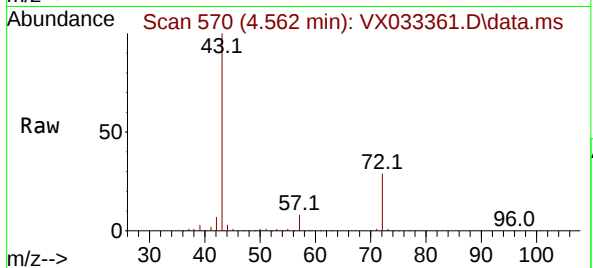
72 29.2 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#26

2,2-Dichloropropane

Concen: 49.096 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033361.D

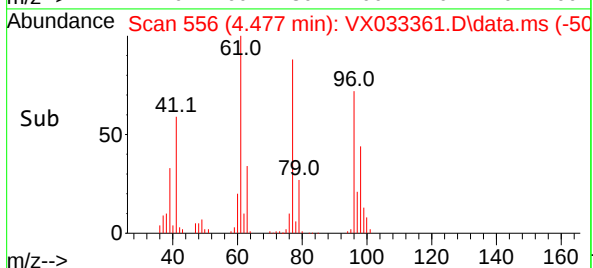
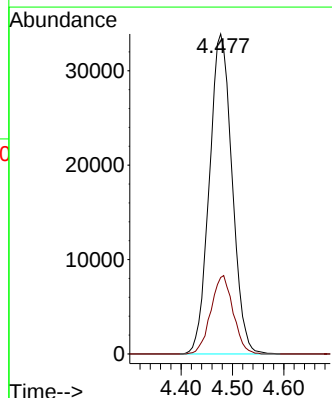
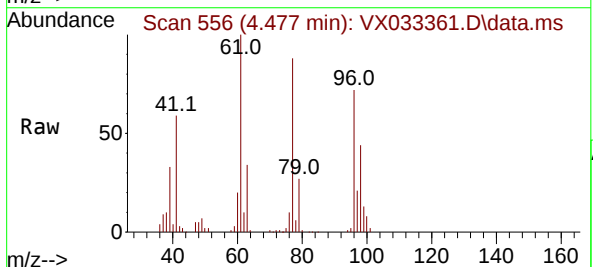
Acq: 09 Dec 2022 20:26

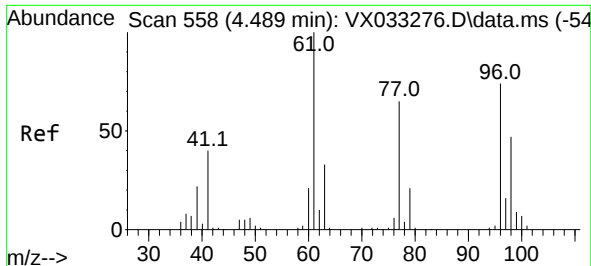
Tgt Ion: 77 Resp: 104037

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.1





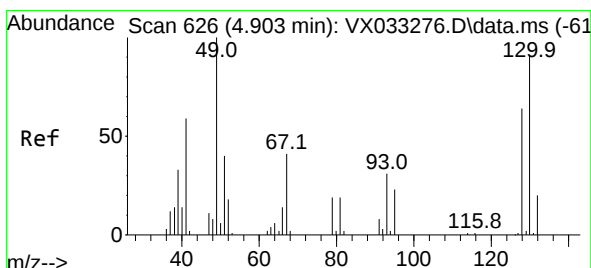
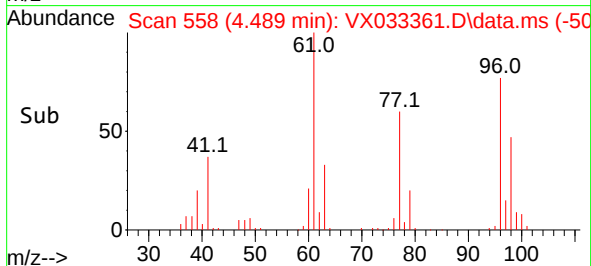
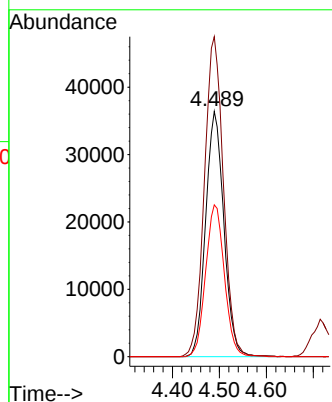
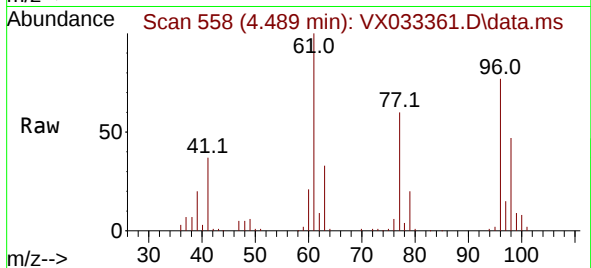
#27
 cis-1,2-Dichloroethene
 Concen: 52.239 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX033361.D
 Acq: 09 Dec 2022 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 97890
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 286.0
 98 63.8 0.0 129.6

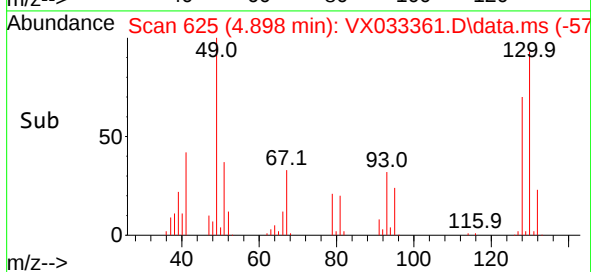
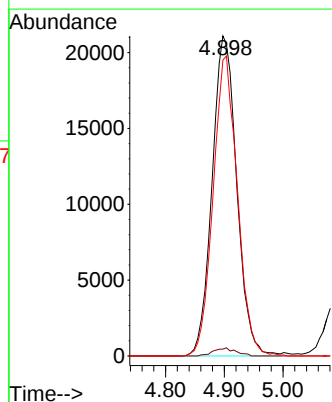
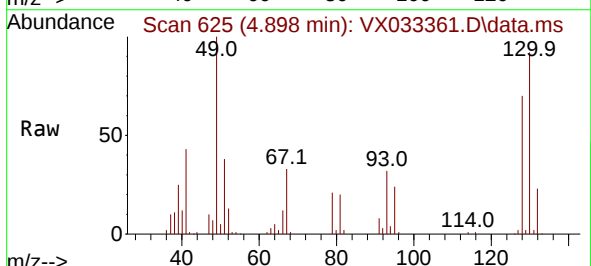
Manual Integrations
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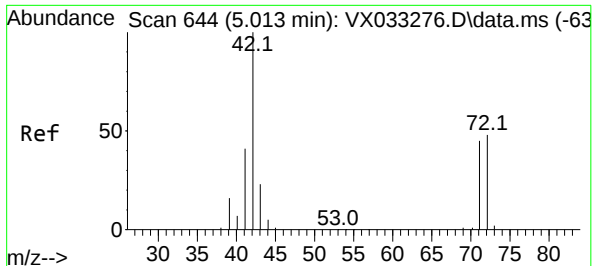
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#28
 Bromochloromethane
 Concen: 50.946 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX033361.D
 Acq: 09 Dec 2022 20:26

Tgt Ion: 49 Resp: 61453
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 92.2 67.5 101.3





#29

Tetrahydrofuran

Concen: 235.272 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 164220

Ion Ratio Lower Upper

42 100

72 48.9 37.6 56.4

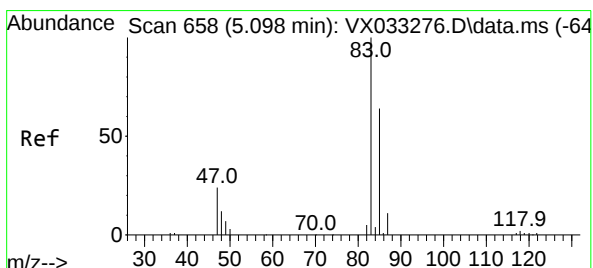
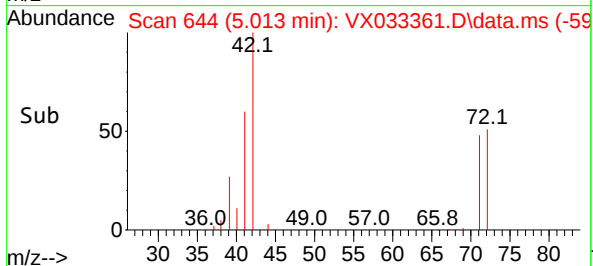
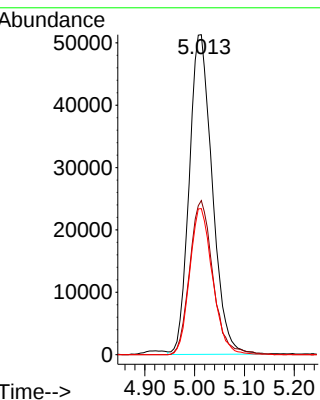
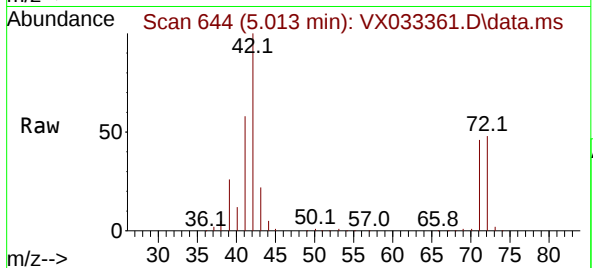
71 45.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#30

Chloroform

Concen: 51.194 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033361.D

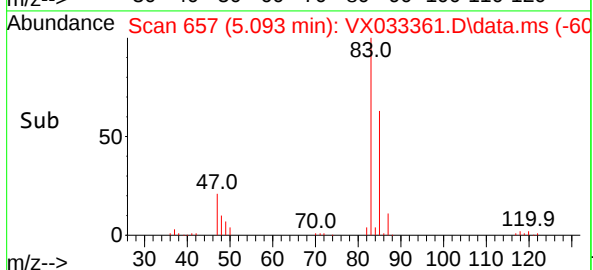
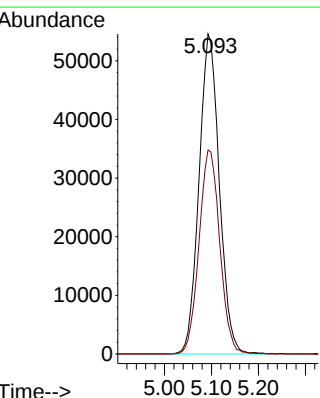
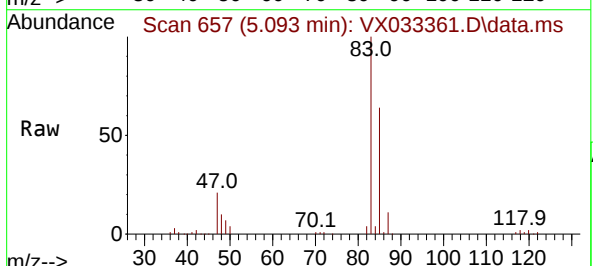
Acq: 09 Dec 2022 20:26

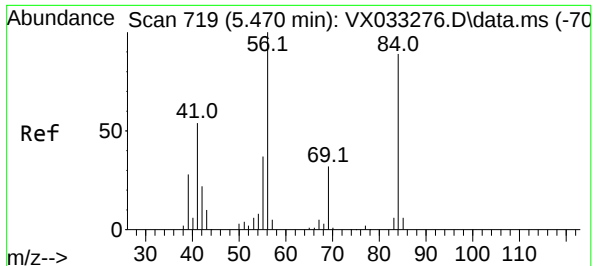
Tgt Ion: 83 Resp: 163770

Ion Ratio Lower Upper

83 100

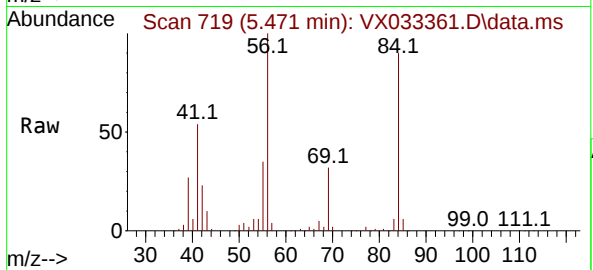
85 63.7 51.1 76.7





#31
Cyclohexane
Concen: 52.780 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

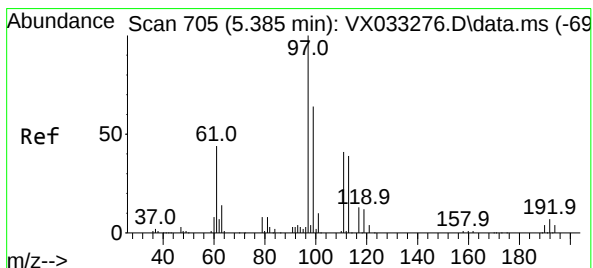
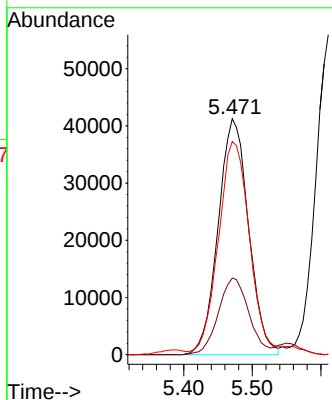
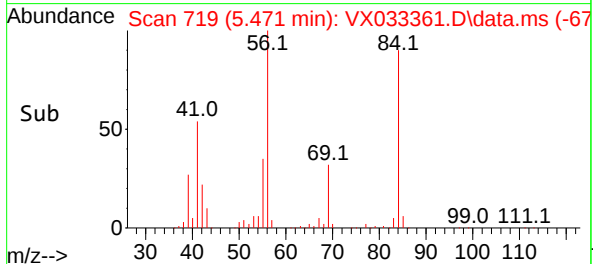
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



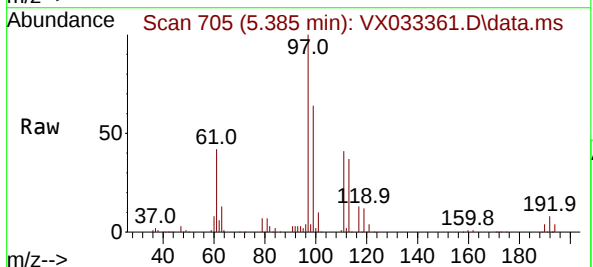
Tgt Ion: 56 Resp: 127229
Ion Ratio Lower Upper
56 100
69 32.5 24.1 36.1
84 88.3 66.9 100.3

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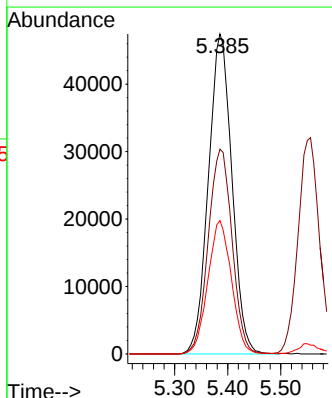
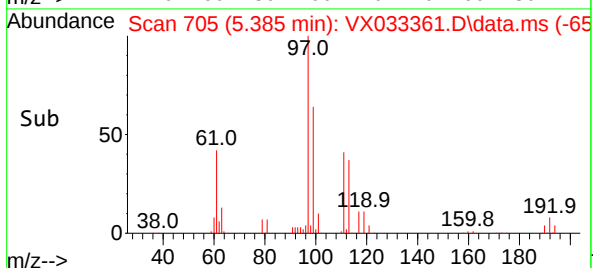
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

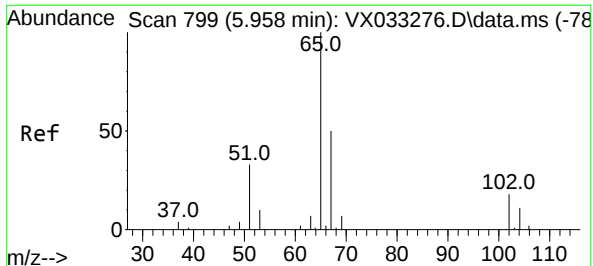


#32
1,1,1-Trichloroethane
Concen: 53.074 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26



Tgt Ion: 97 Resp: 146081
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 41.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.511 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 47170

Ion Ratio Lower Upper

65 100

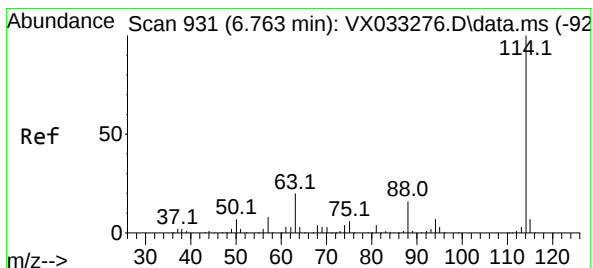
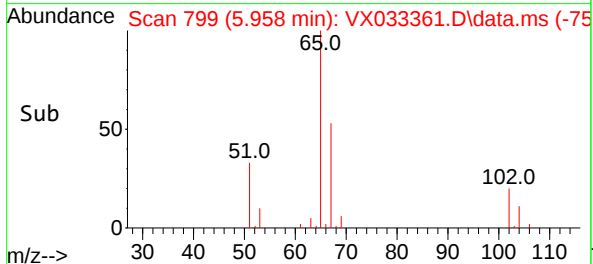
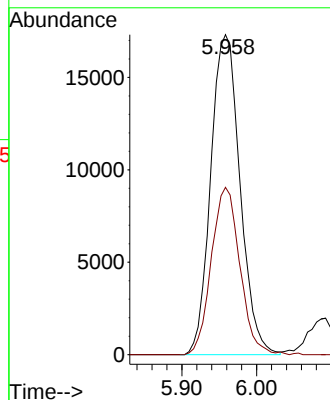
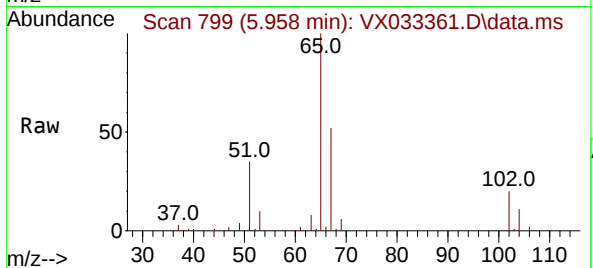
67 50.9 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

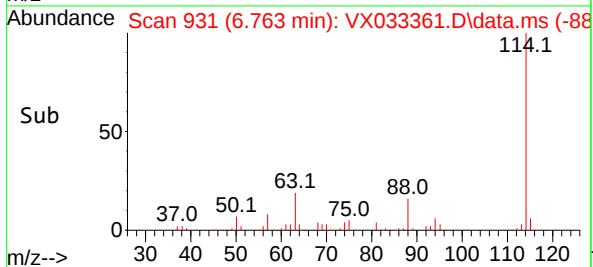
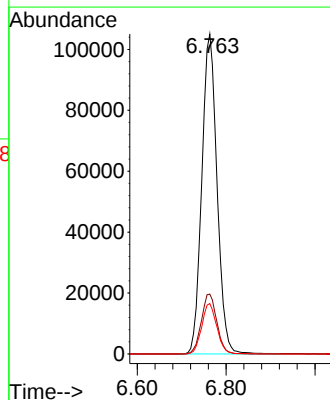
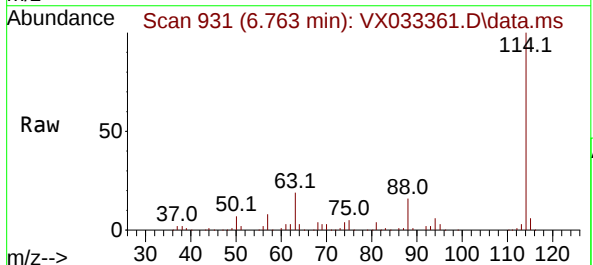
Tgt Ion:114 Resp: 250966

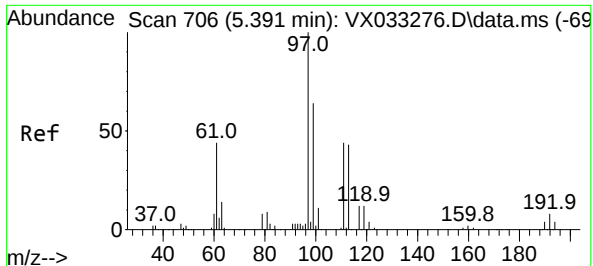
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.584 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 5371

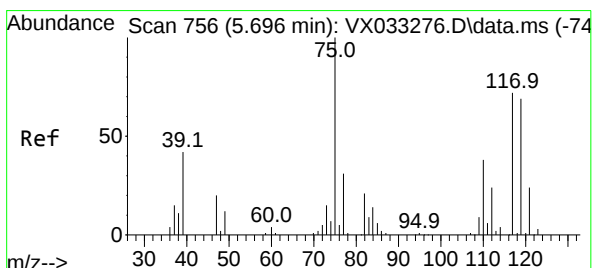
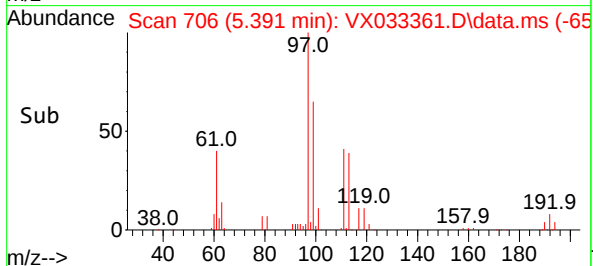
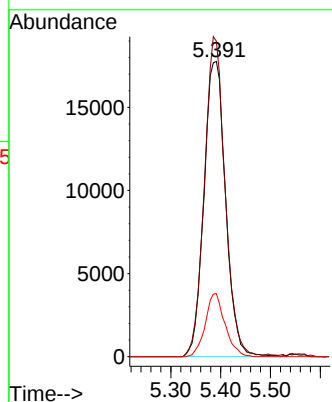
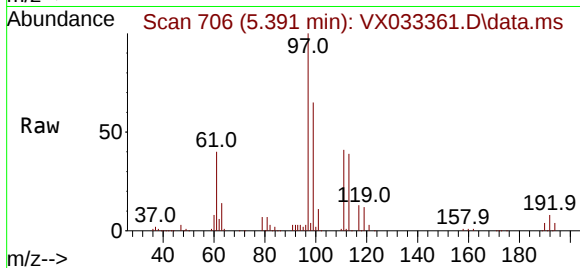
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	19.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#36

1,1-Dichloropropene

Concen: 52.566 ug/l

RT: 5.696 min Scan# 756

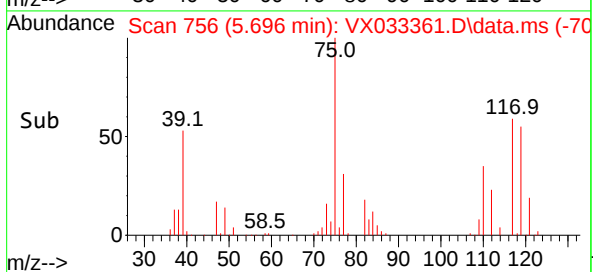
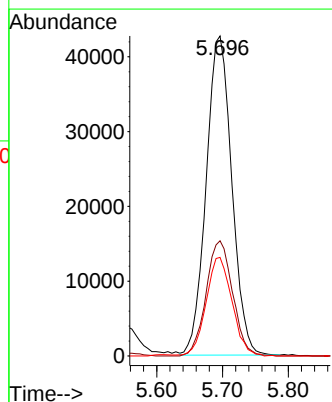
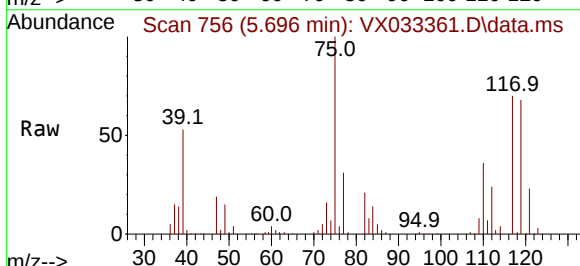
Delta R.T. 0.000 min

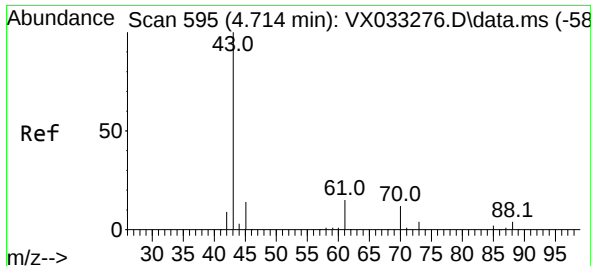
Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Tgt Ion: 75 Resp: 115686

Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.4	55.2
77	31.3	24.5	36.7





#37

Ethyl Acetate

Concen: 49.443 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 102858

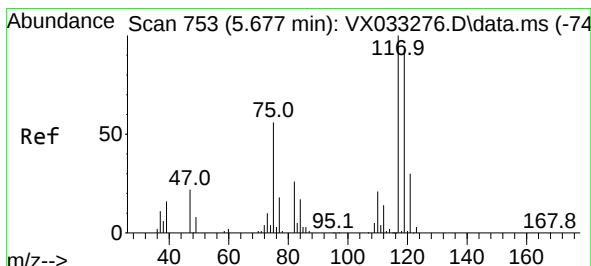
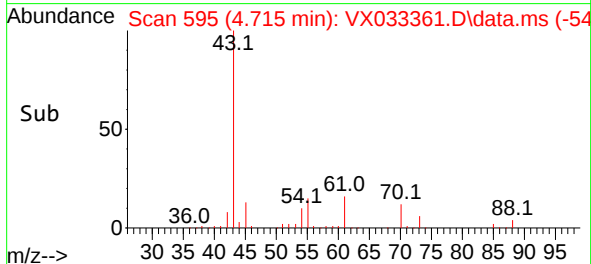
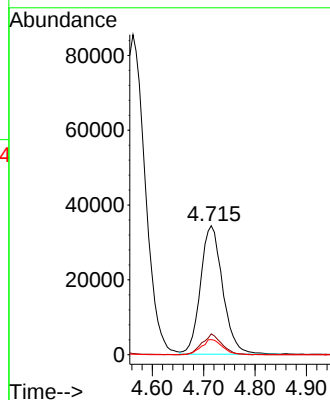
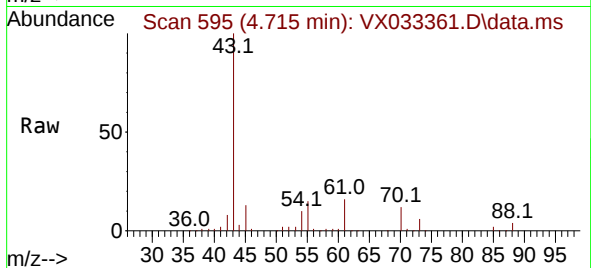
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	11.1	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#38

Carbon Tetrachloride

Concen: 51.602 ug/l

RT: 5.678 min Scan# 753

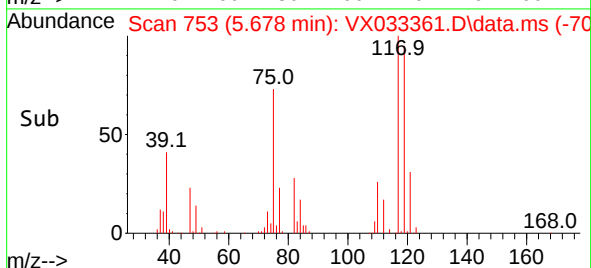
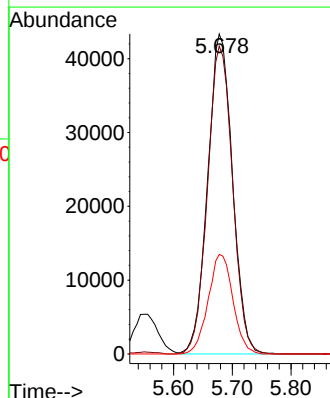
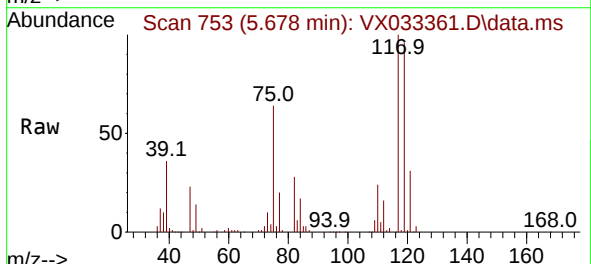
Delta R.T. 0.000 min

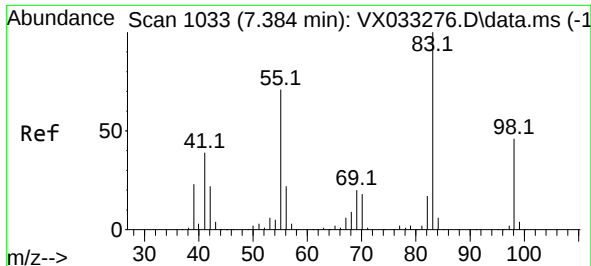
Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Tgt Ion:117 Resp: 127239

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.2	115.8
121	31.1	25.8	38.6





#39

Methylcyclohexane

Concen: 54.518 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 134295

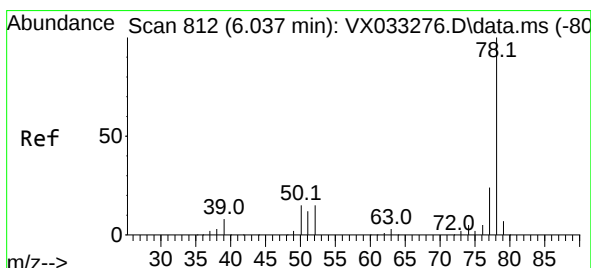
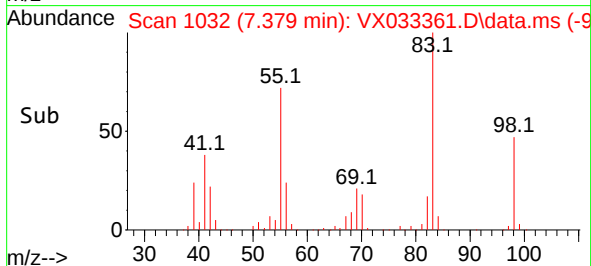
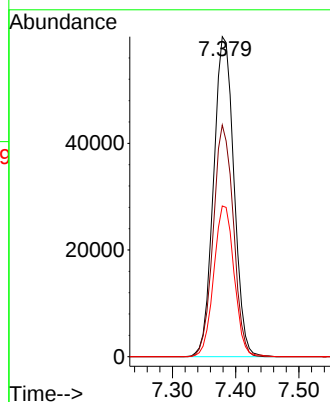
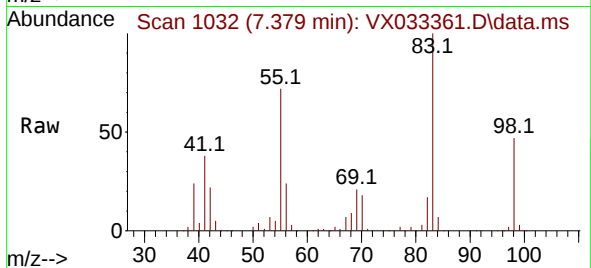
Ion	Ratio	Lower	Upper
83	100		
55	72.4	58.4	87.6
98	47.1	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#40

Benzene

Concen: 52.424 ug/l

RT: 6.038 min Scan# 812

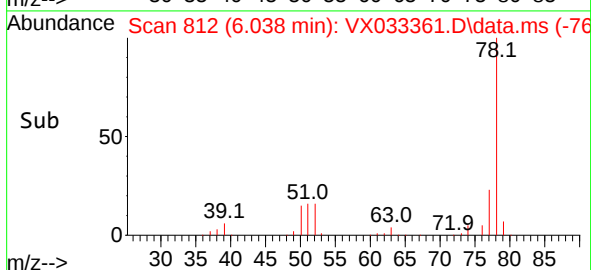
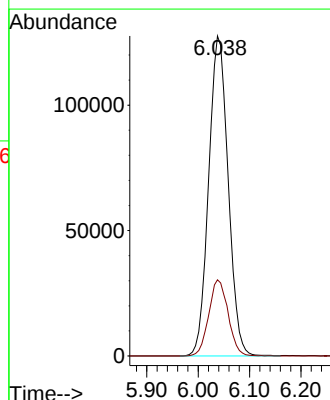
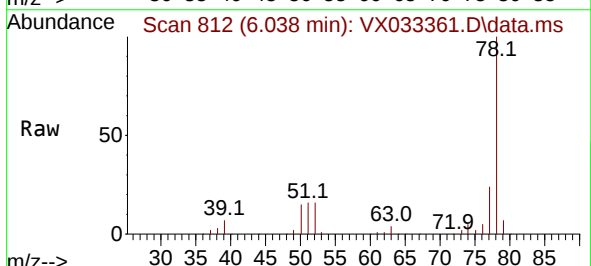
Delta R.T. 0.000 min

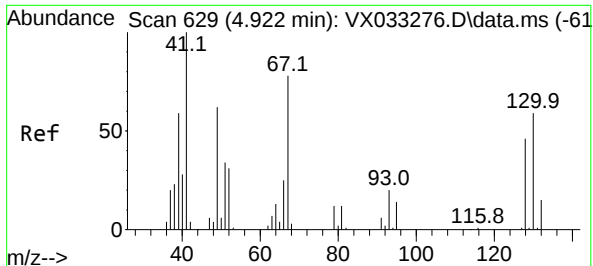
Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Tgt Ion: 78 Resp: 336395

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





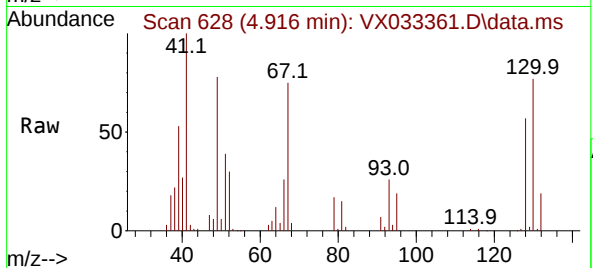
#41
Methacrylonitrile
Concen: 51.231 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



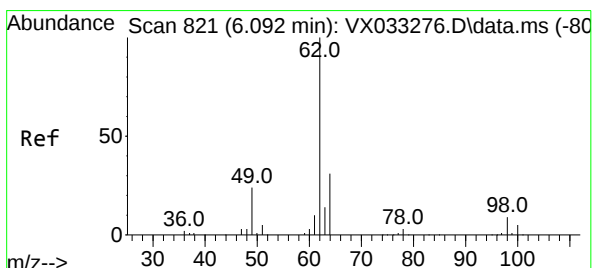
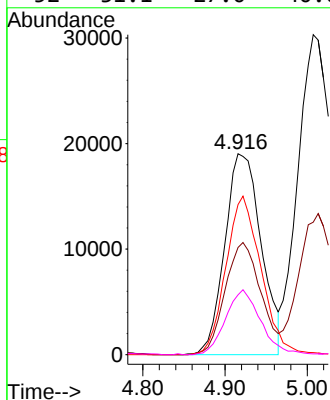
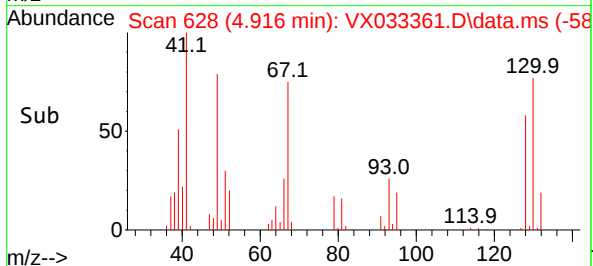
Tgt Ion: 41 Resp: 58730
Ion Ratio Lower Upper
41 100
39 54.5 47.5 71.3
67 76.1 60.5 90.7
52 31.1 27.0 40.6

Manual Integrations

APPROVED

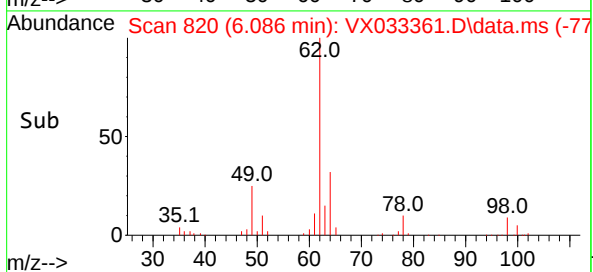
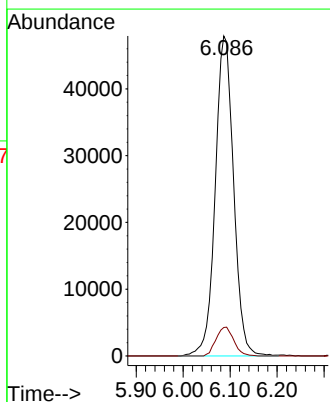
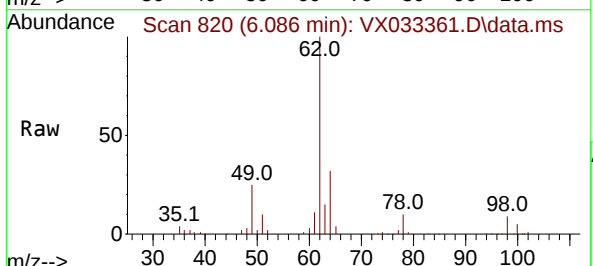
Reviewed By :John Carlone 12/12/2022

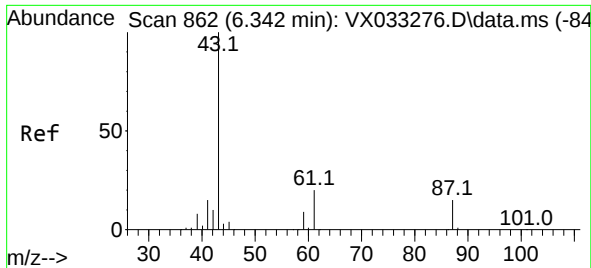
Supervised By :Mahesh Dadoda 12/12/2022



#42
1,2-Dichloroethane
Concen: 51.120 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

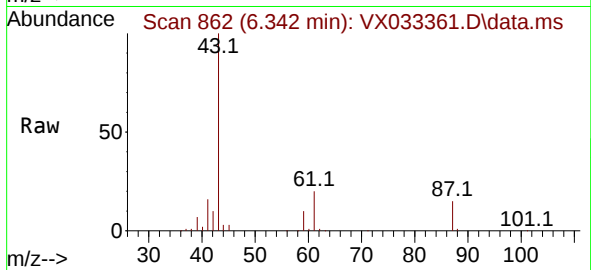
Tgt Ion: 62 Resp: 130257
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 49.781 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

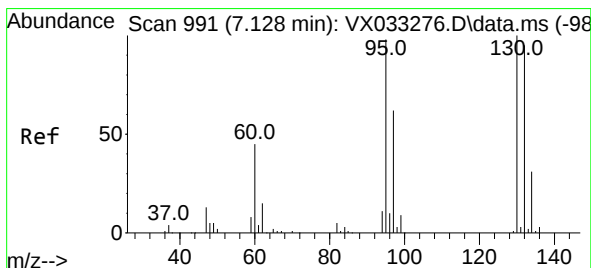
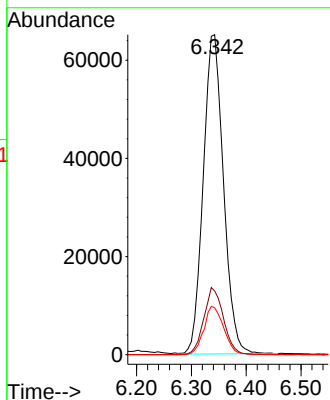
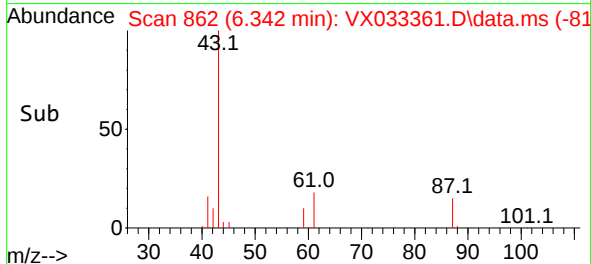
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 166630
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 14.9 10.8 16.2

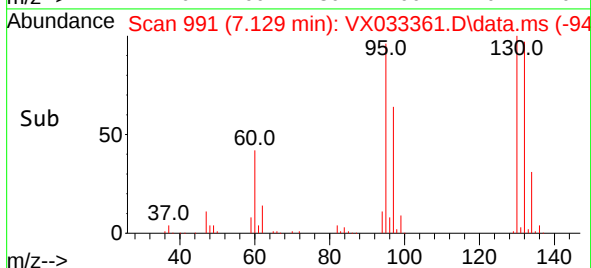
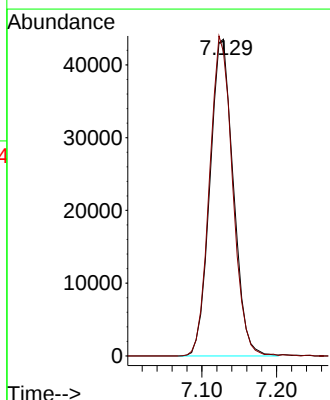
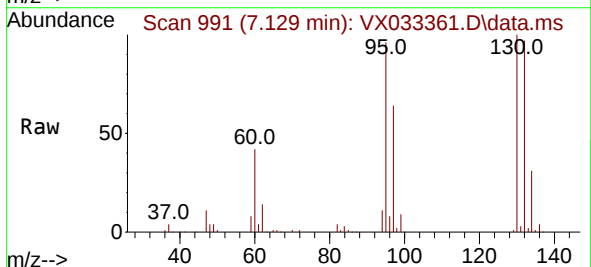
Manual Integrations
APPROVED

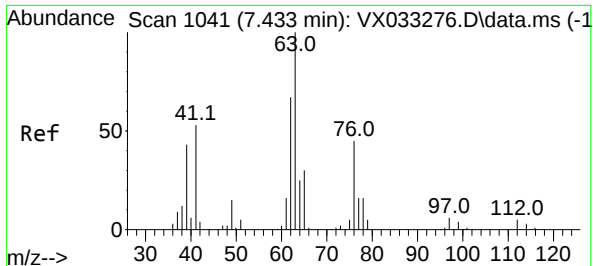
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#44
Trichloroethene
Concen: 53.490 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Tgt Ion:130 Resp: 94633
Ion Ratio Lower Upper
130 100
95 96.0 0.0 195.2





#45

1,2-Dichloropropane

Concen: 51.912 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 85190

Ion Ratio Lower Upper

63 100

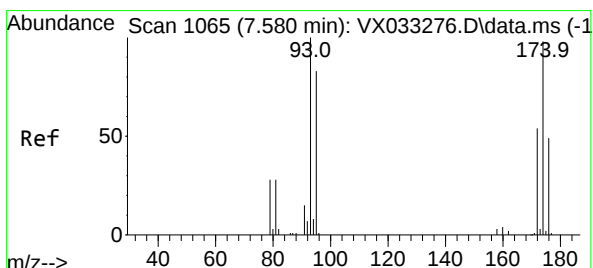
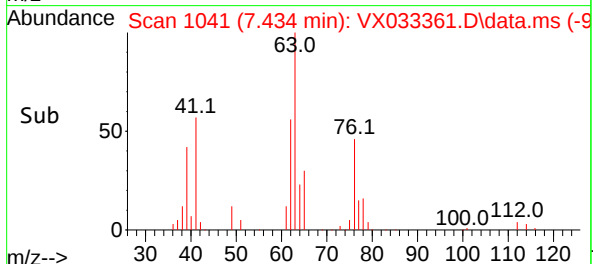
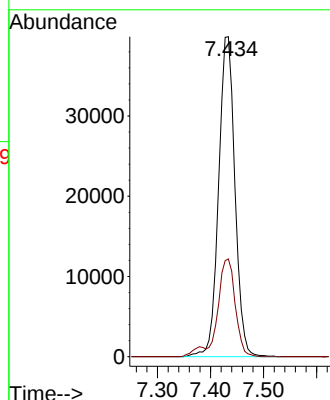
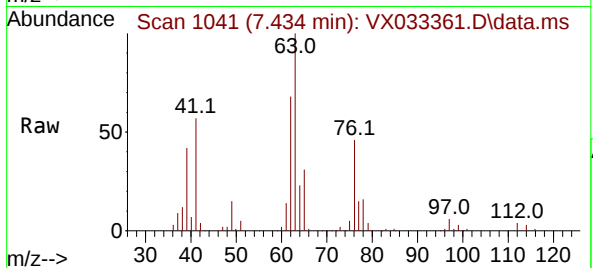
65 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#46

Dibromomethane

Concen: 51.342 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

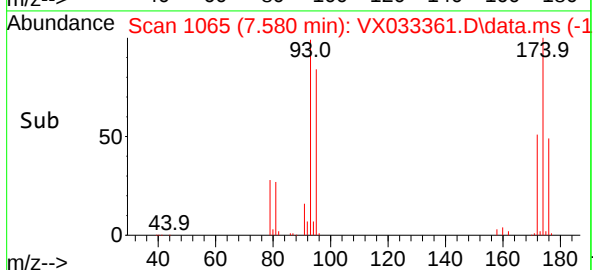
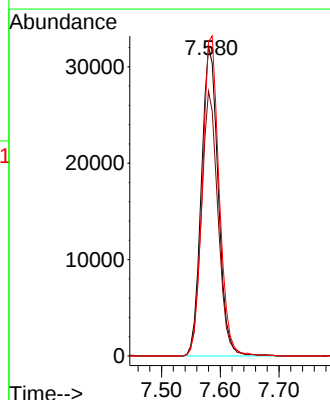
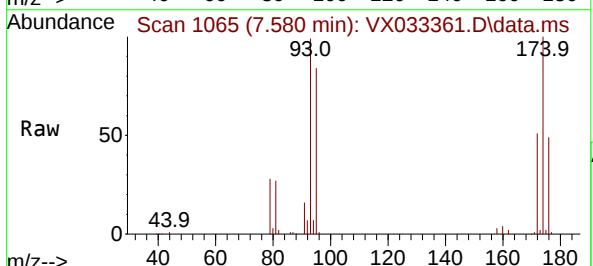
Tgt Ion: 93 Resp: 64184

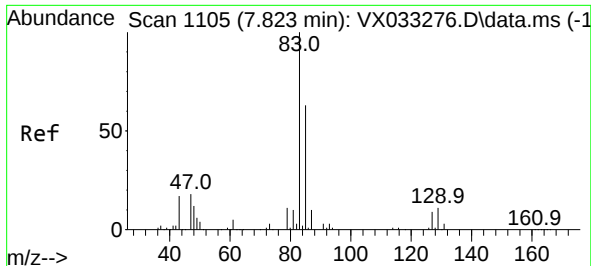
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.8

174 102.3 79.8 119.6





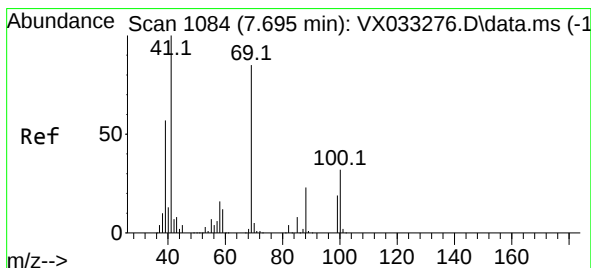
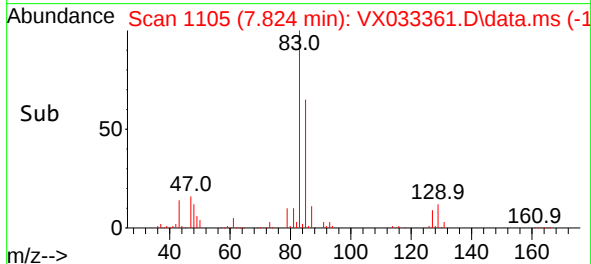
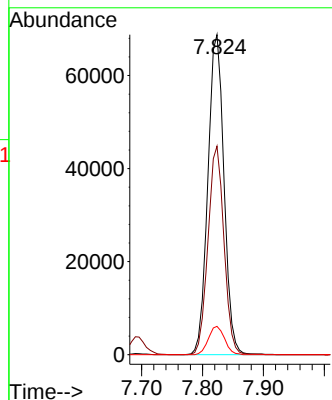
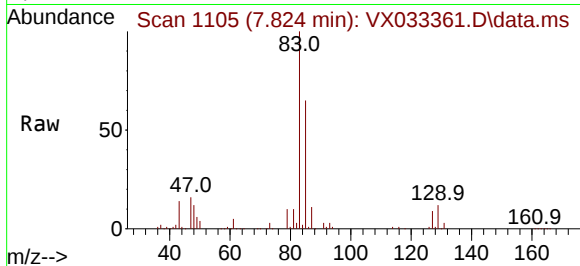
#47
Bromodichloromethane
Concen: 51.822 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12628
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.4
127 8.9 7.4 11.2

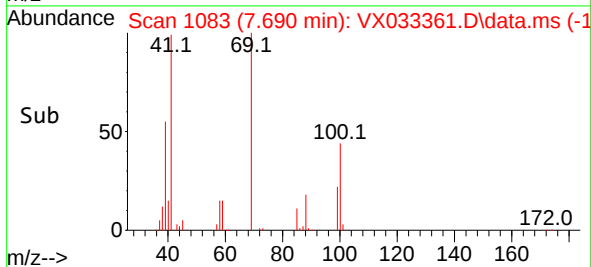
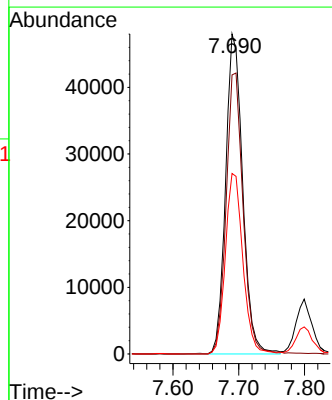
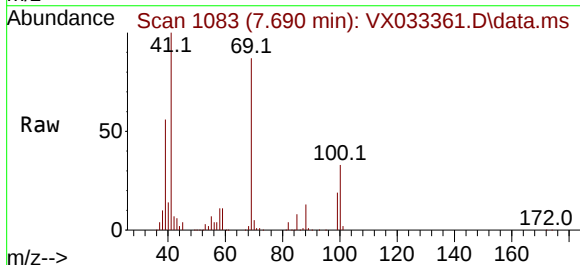
Manual Integrations
APPROVED

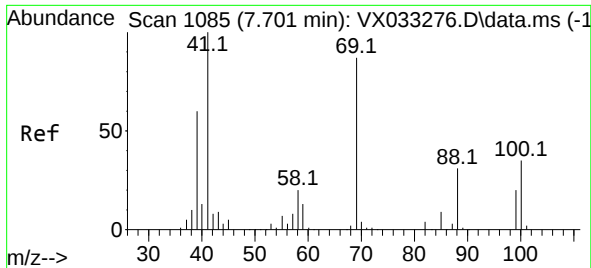
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#48
Methyl methacrylate
Concen: 50.234 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Tgt Ion: 41 Resp: 86781
Ion Ratio Lower Upper
41 100
69 87.4 65.1 97.7
39 57.8 51.9 77.9





#49

1,4-Dioxane

Concen: 989.345 ug/l

RT: 7.708 min Scan# 1085

Delta R.T. 0.007 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 38974

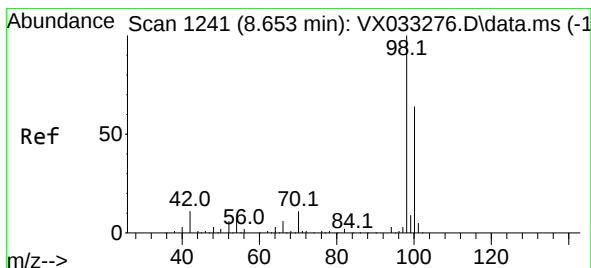
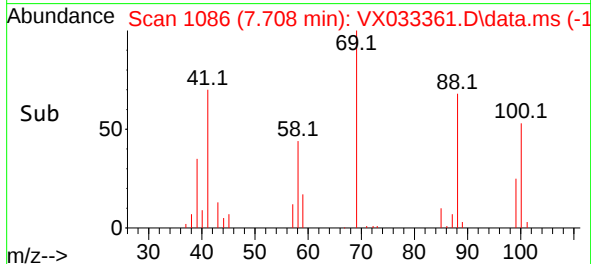
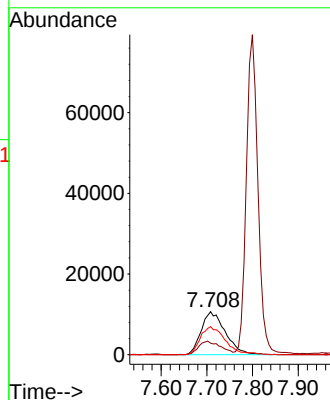
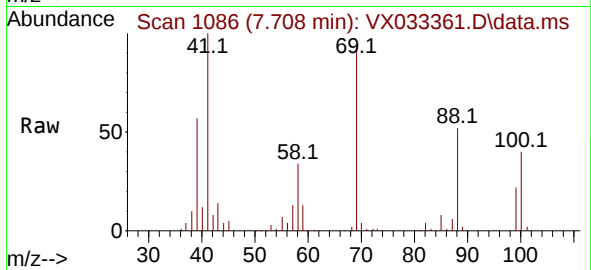
Ion	Ratio	Lower	Upper
88	100		
43	29.1	26.6	39.8
58	67.6	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#50

Toluene-d8

Concen: 49.774 ug/l

RT: 8.647 min Scan# 1240

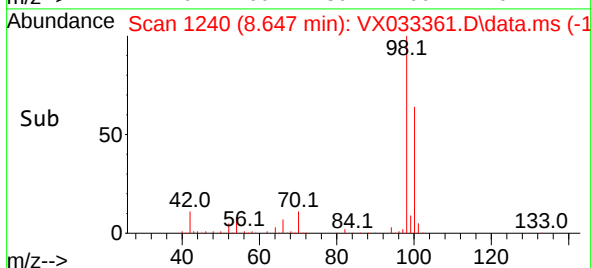
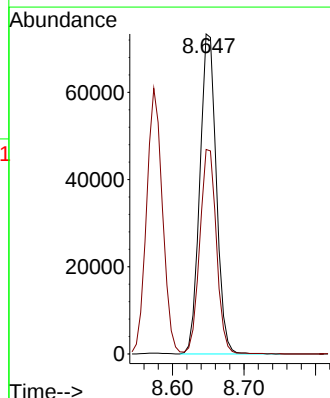
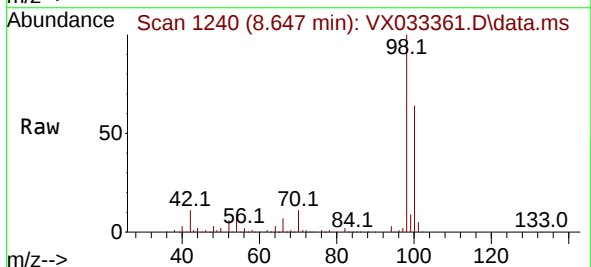
Delta R.T. -0.006 min

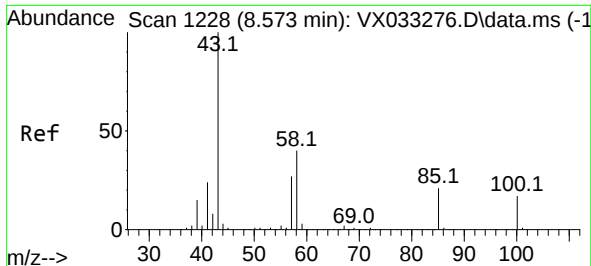
Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Tgt Ion: 98 Resp: 117535

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 250.418 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 53008

Ion Ratio Lower Upper

43 100

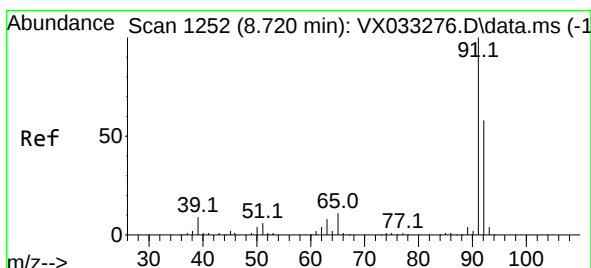
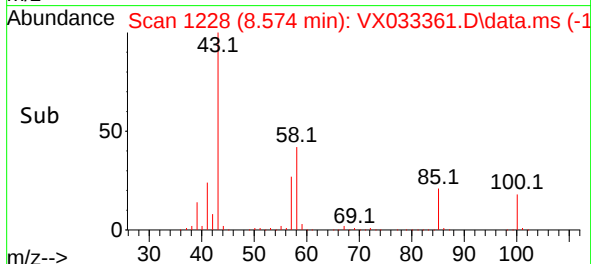
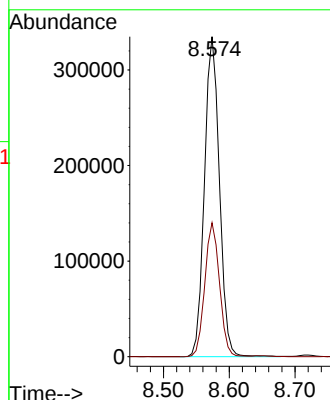
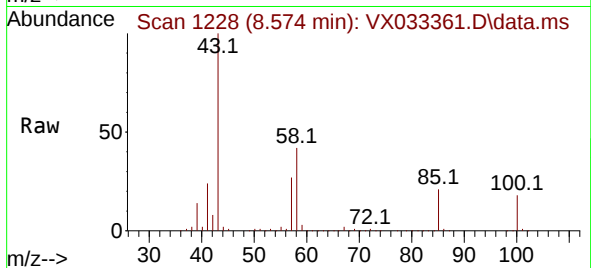
58 41.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#52

Toluene

Concen: 53.708 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033361.D

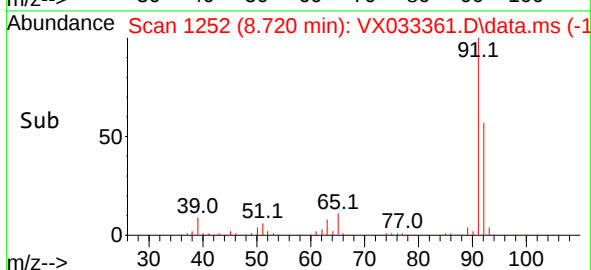
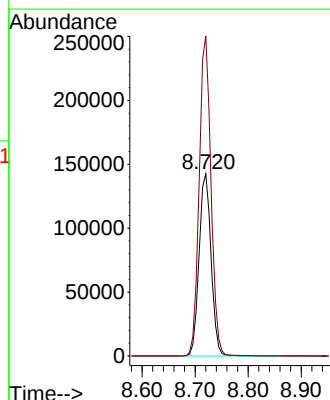
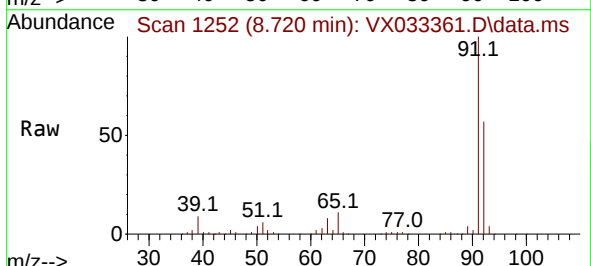
Acq: 09 Dec 2022 20:26

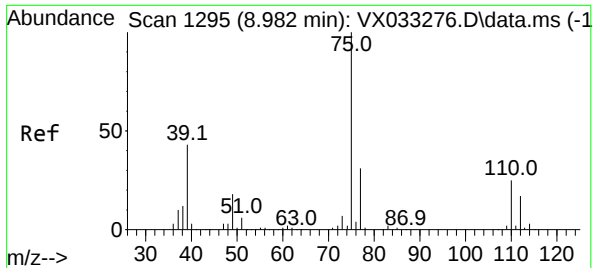
Tgt Ion: 92 Resp: 222820

Ion Ratio Lower Upper

92 100

91 173.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 47.548 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 12413

Ion Ratio Lower Upper

75 100

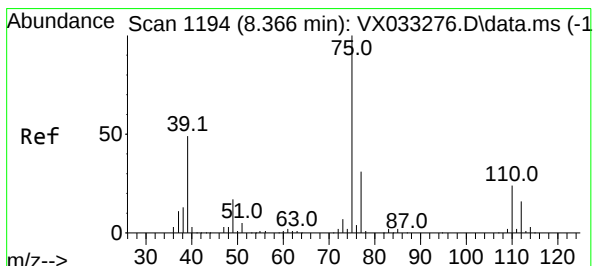
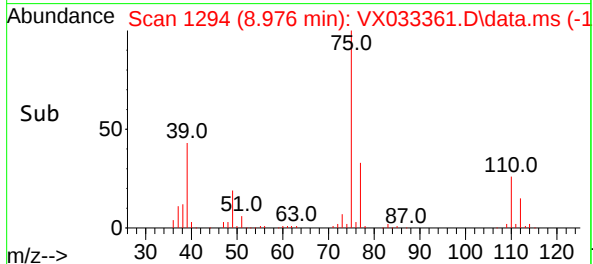
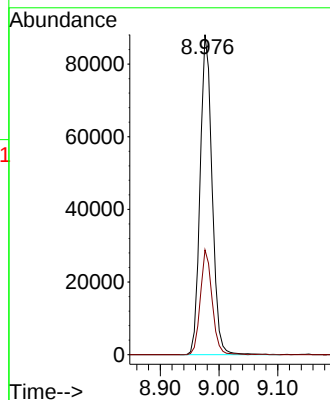
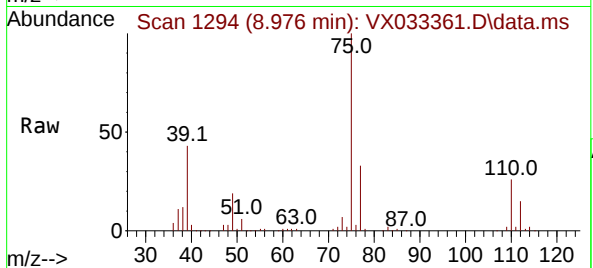
77 32.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#54

cis-1,3-Dichloropropene

Concen: 52.903 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

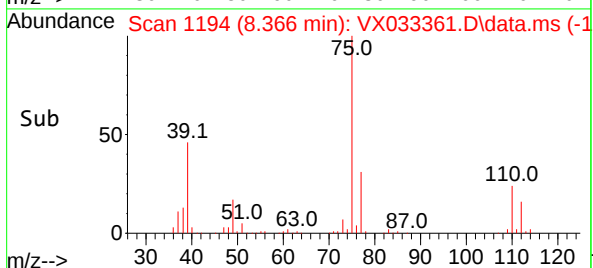
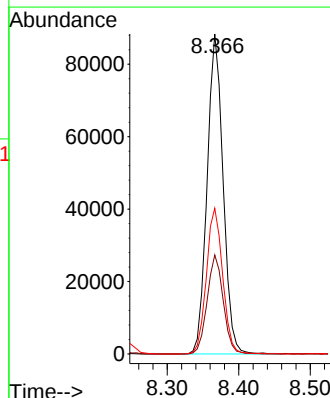
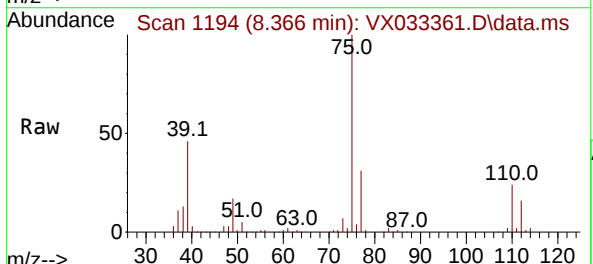
Tgt Ion: 75 Resp: 137183

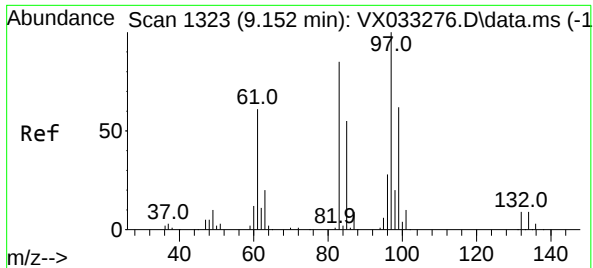
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 45.6 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 52.287 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

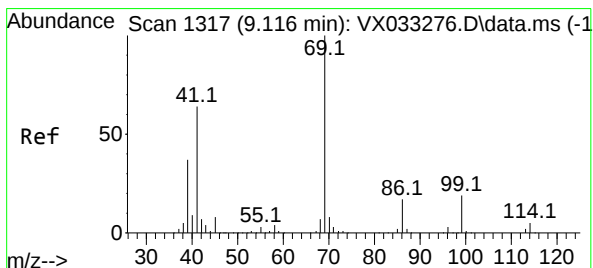
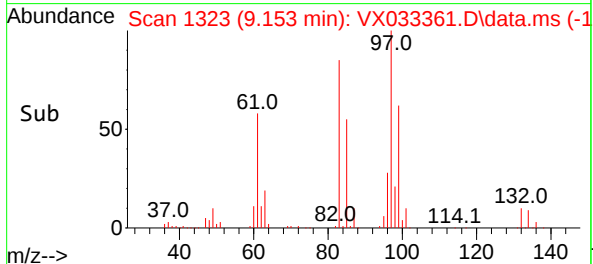
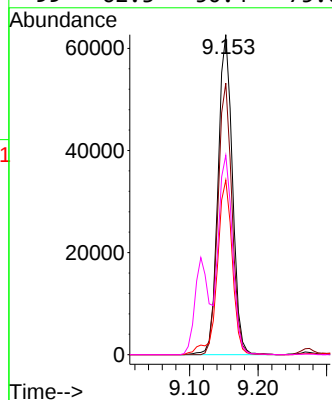
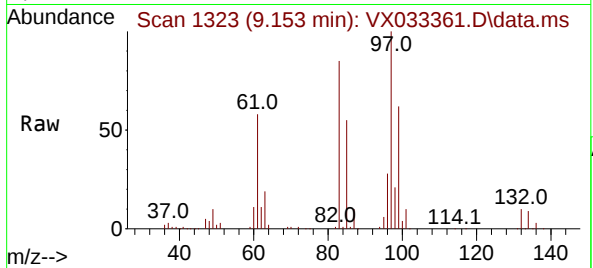
Tgt Ion: 97	Resp: 91180
Ion Ratio	Lower Upper
97 100	
83 84.8	68.1 102.1
85 54.5	43.3 64.9
99 62.3	50.4 75.6

Manual Integrations

APPROVED

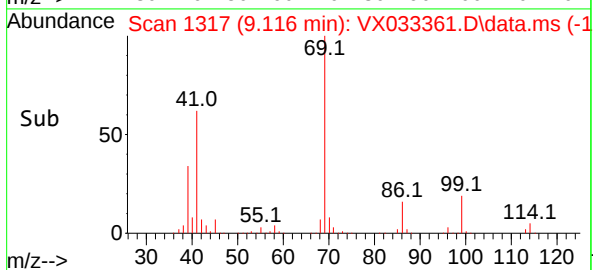
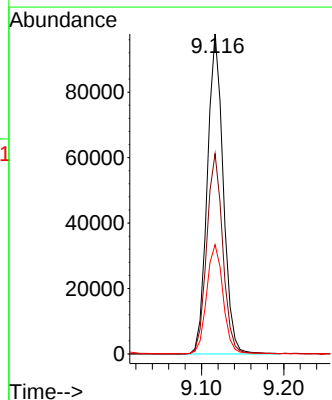
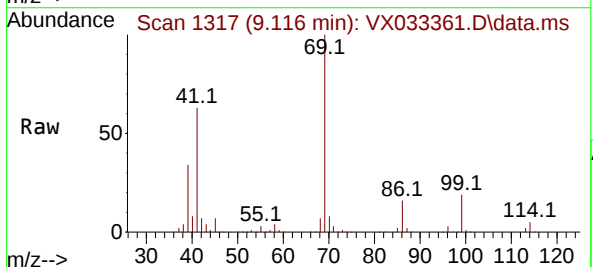
Reviewed By :John Carlone 12/12/2022

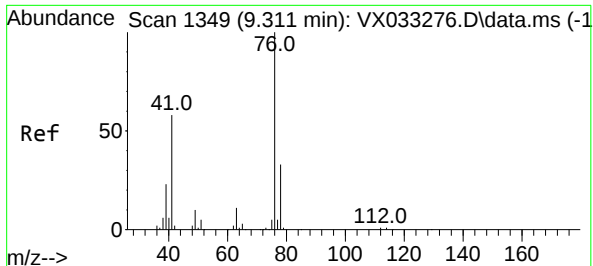
Supervised By :Mahesh Dadoda 12/12/2022



#56
Ethyl methacrylate
Concen: 53.541 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Tgt Ion: 69	Resp: 131466
Ion Ratio	Lower Upper
69 100	
41 63.2	54.3 81.5
39 35.6	35.2 52.8





#57

1,3-Dichloropropane

Concen: 51.989 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 14565

Ion Ratio Lower Upper

76 100

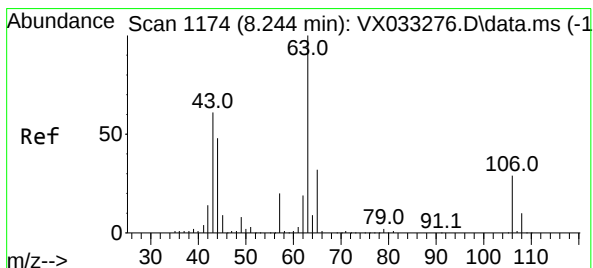
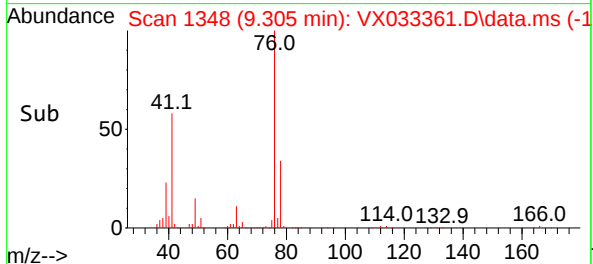
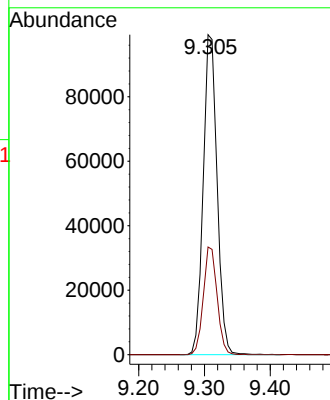
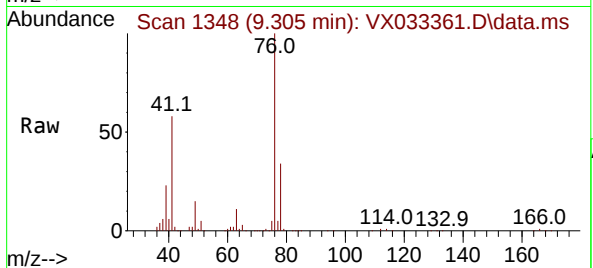
78 33.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 251.760 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033361.D

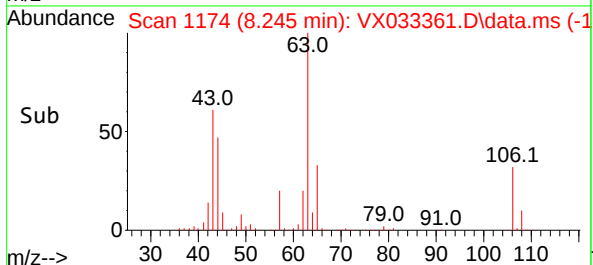
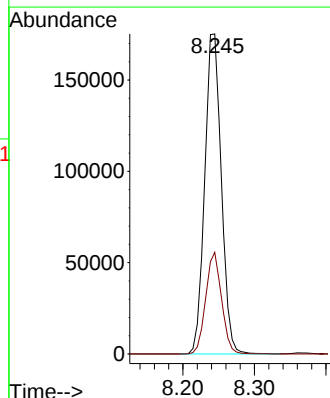
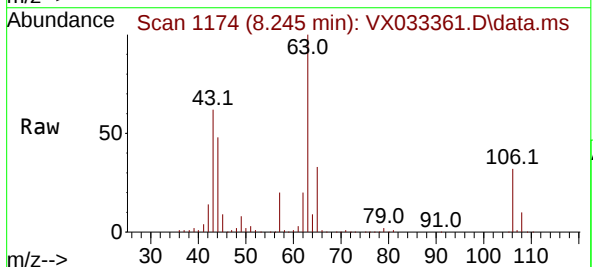
Acq: 09 Dec 2022 20:26

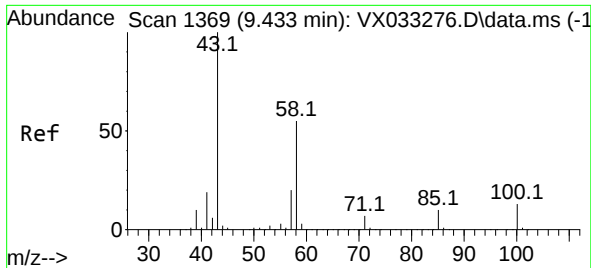
Tgt Ion: 63 Resp: 282856

Ion Ratio Lower Upper

63 100

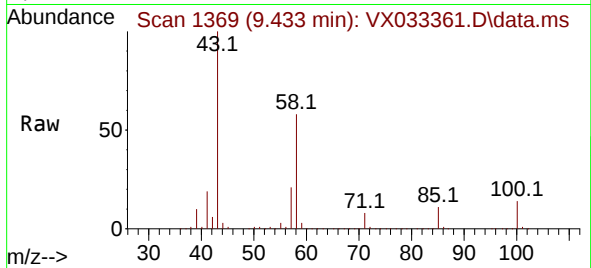
106 30.2 23.3 34.9





#59
2-Hexanone
Concen: 245.709 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

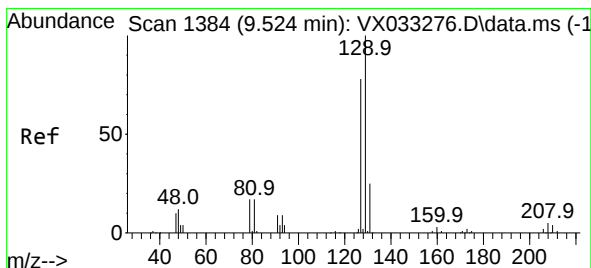
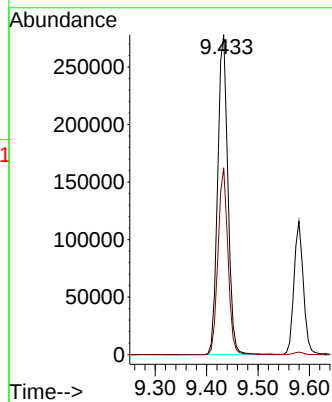
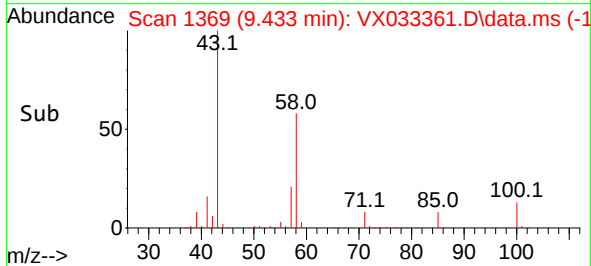
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 383289
Ion Ratio Lower Upper
43 100
58 56.8 26.5 79.5

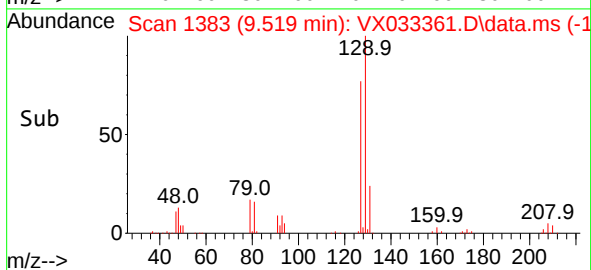
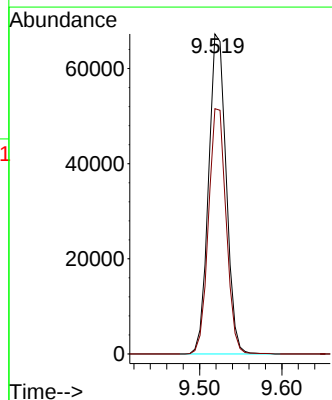
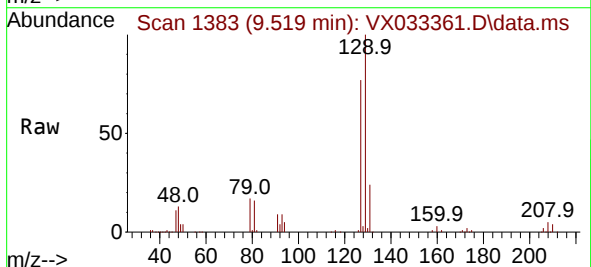
Manual Integrations
APPROVED

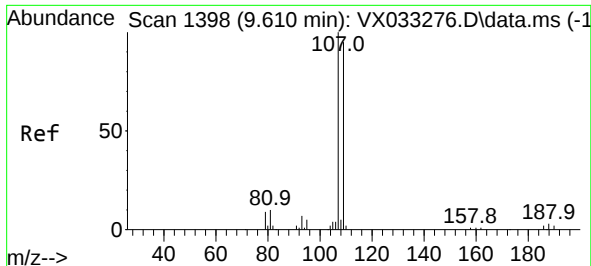
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#60
Dibromochloromethane
Concen: 51.889 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Tgt Ion:129 Resp: 99704
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





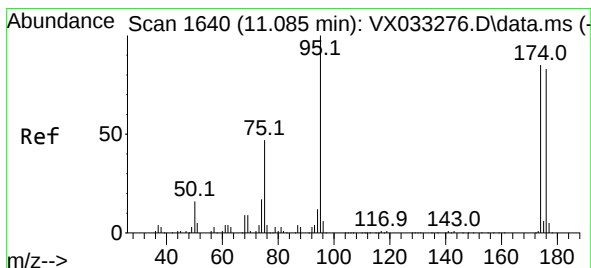
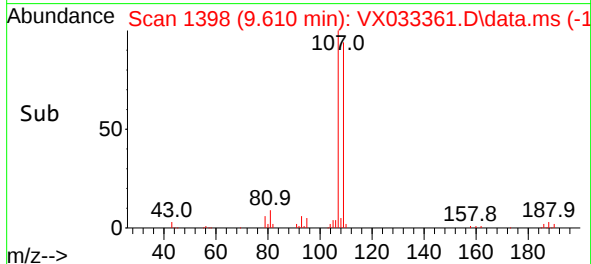
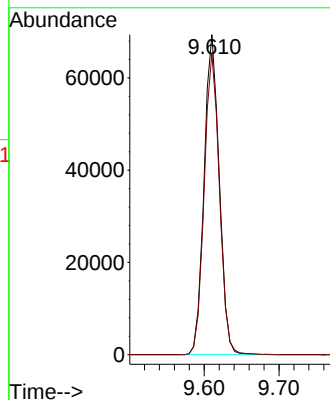
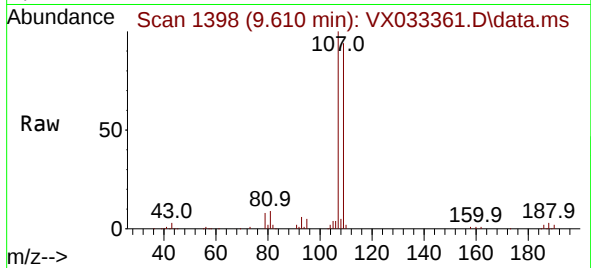
#61
1,2-Dibromoethane
Concen: 52.718 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 97794
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0

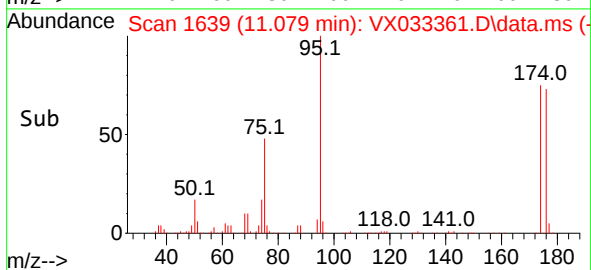
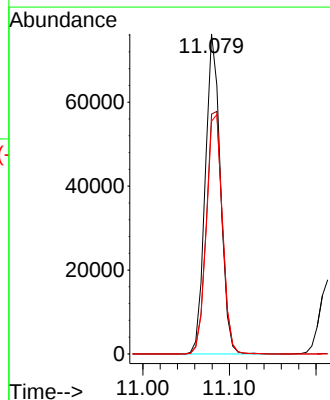
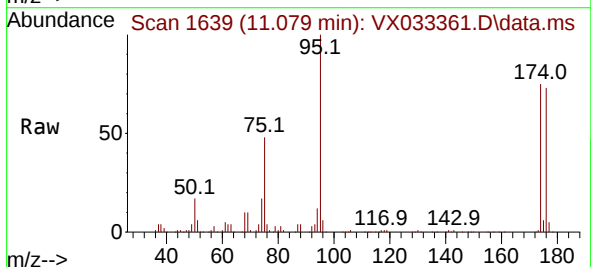
Manual Integrations
APPROVED

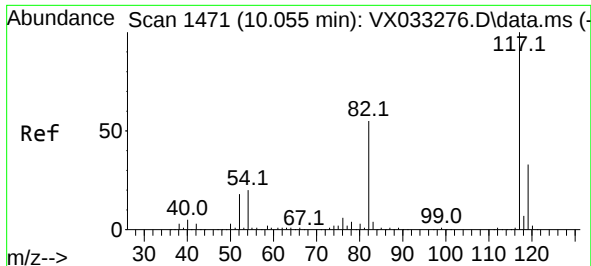
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#62
4-Bromofluorobenzene
Concen: 51.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

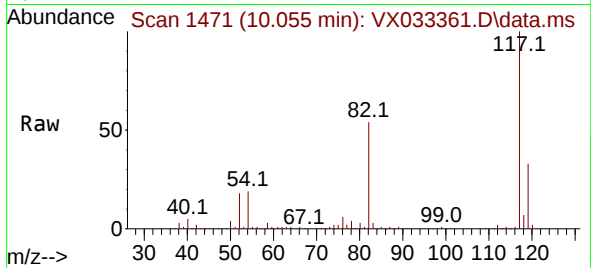
Tgt Ion: 95 Resp: 92382
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.0
176 79.5 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

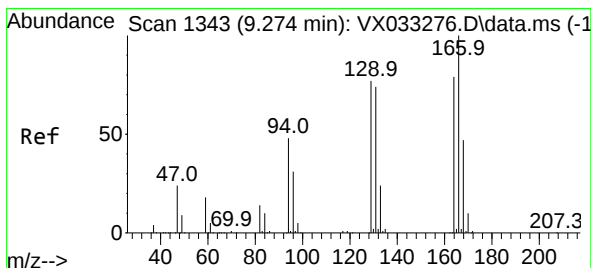
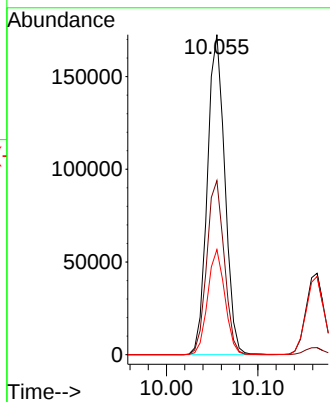
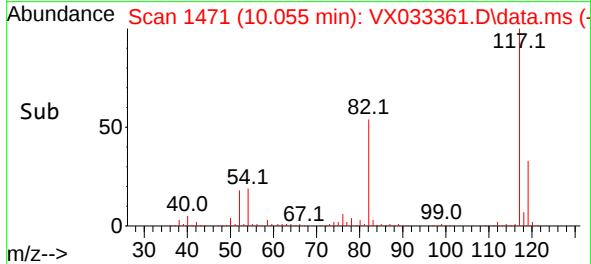
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 22871
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.9 25.7 38.5

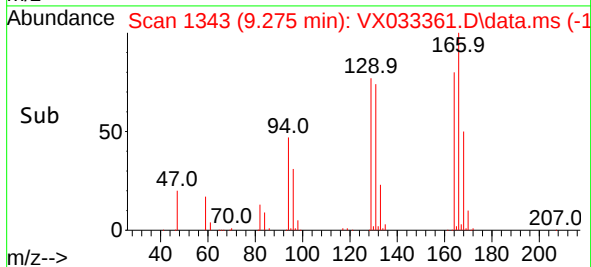
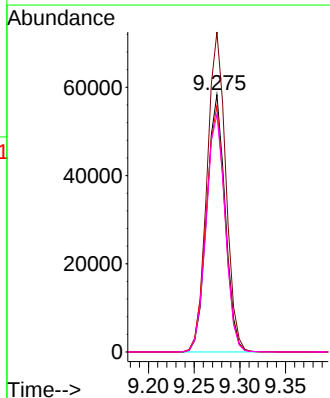
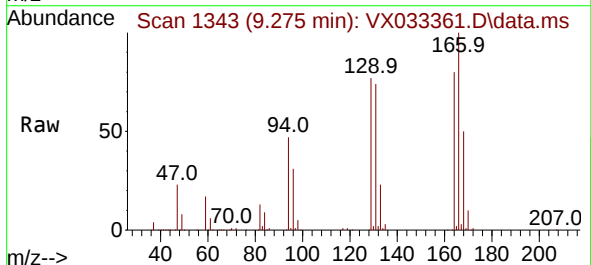
Manual Integrations
APPROVED

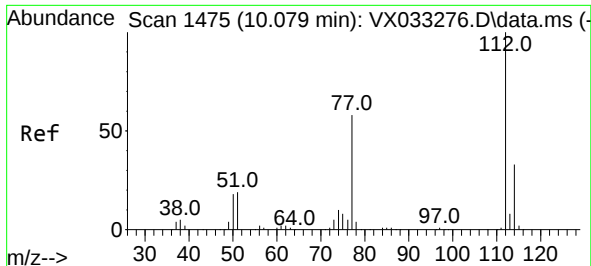
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#64
Tetrachloroethene
Concen: 52.278 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Tgt Ion:164 Resp: 81759
Ion Ratio Lower Upper
164 100
166 124.3 105.4 158.2
129 95.7 78.2 117.2
131 92.3 72.5 108.7





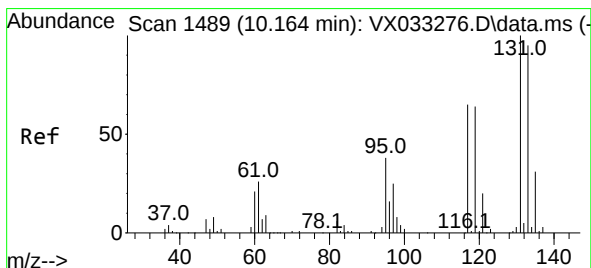
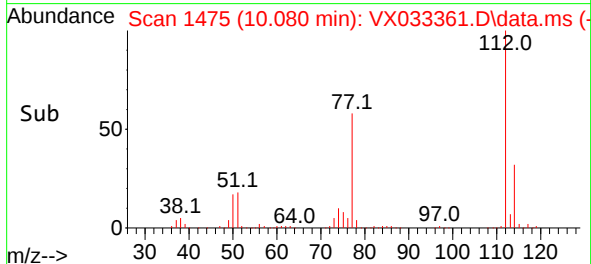
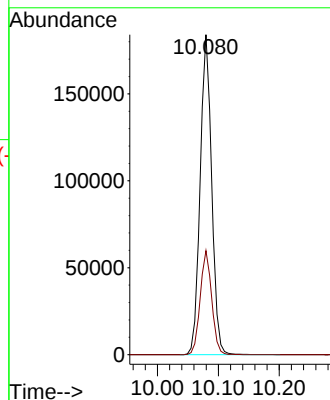
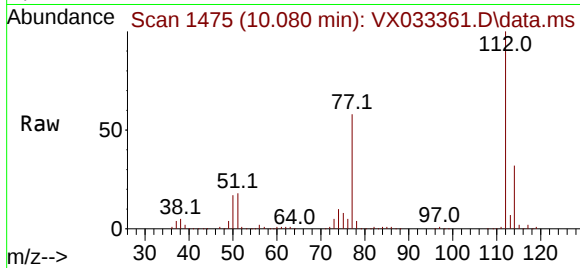
#65
Chlorobenzene
Concen: 52.120 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 24139
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

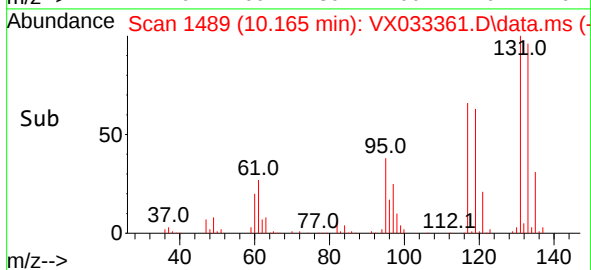
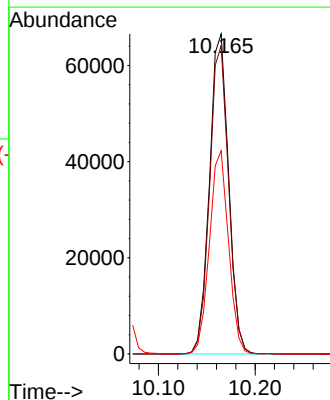
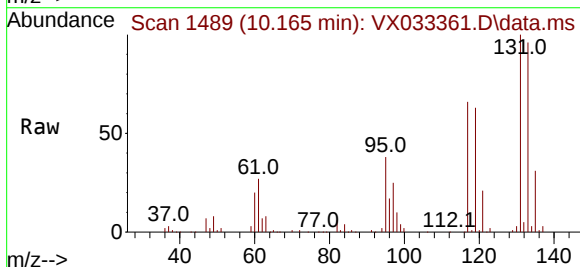
Manual Integrations
APPROVED

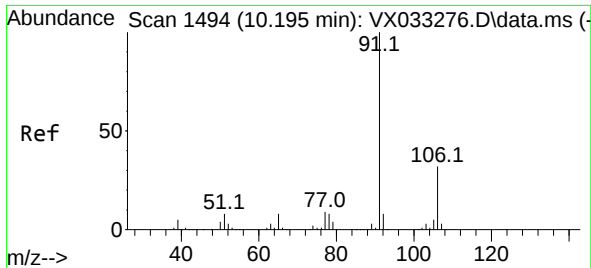
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.390 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

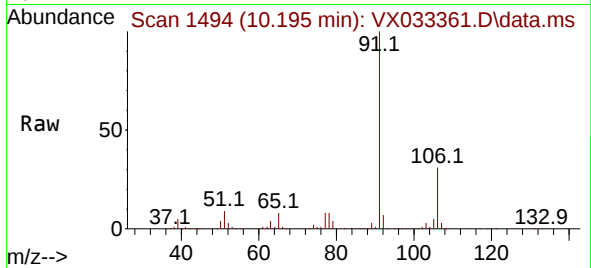
Tgt Ion:131 Resp: 91696
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 63.3 32.4 97.0





#67
Ethyl Benzene
Concen: 54.063 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

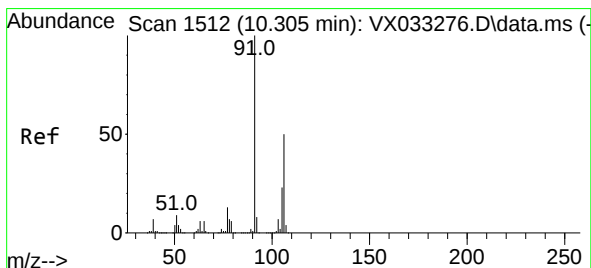
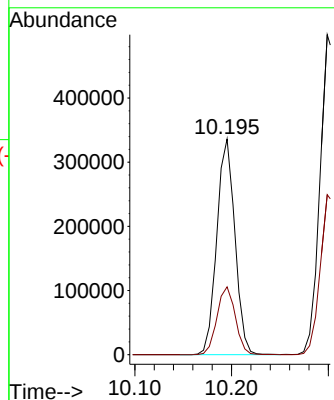
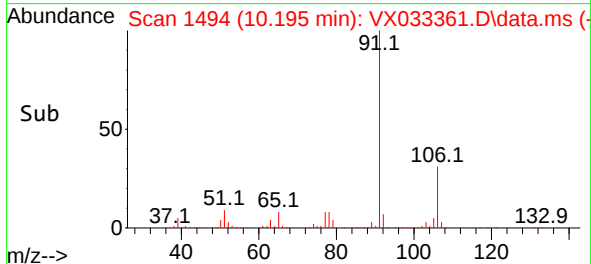
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



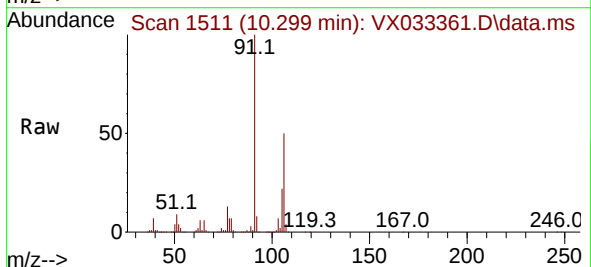
Tgt Ion: 91 Resp: 436215
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

Manual Integrations
APPROVED

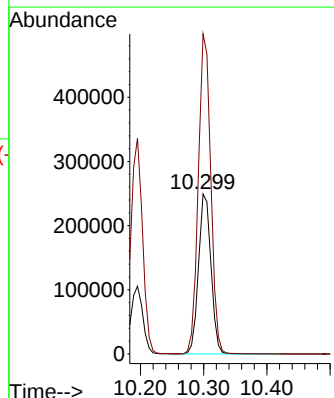
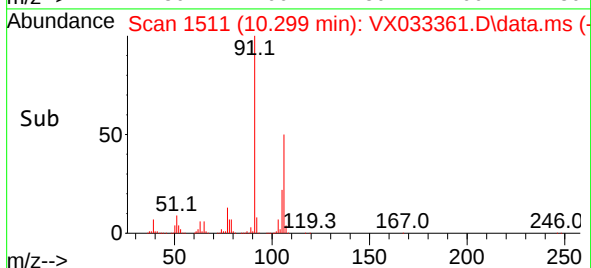
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

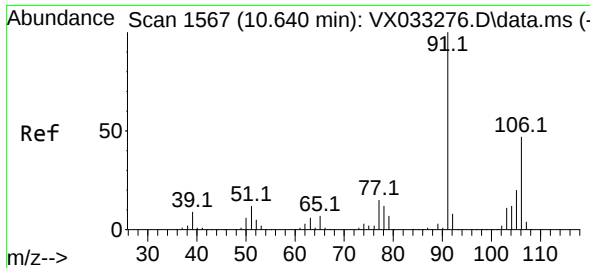


#68
m/p-Xylenes
Concen: 109.240 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26



Tgt Ion:106 Resp: 342933
Ion Ratio Lower Upper
106 100
91 199.9 164.5 246.7





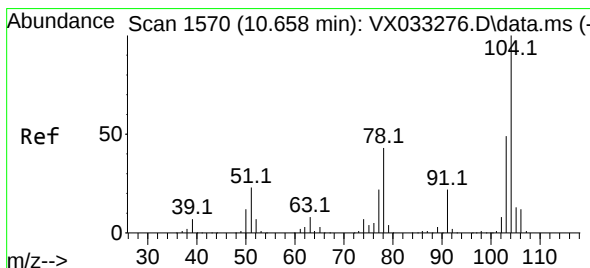
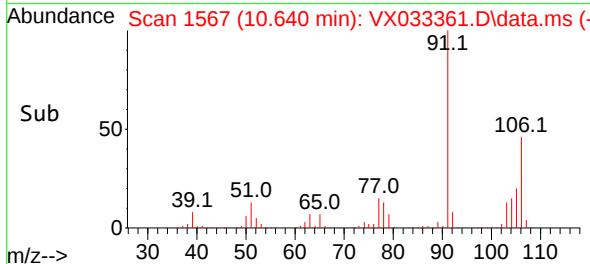
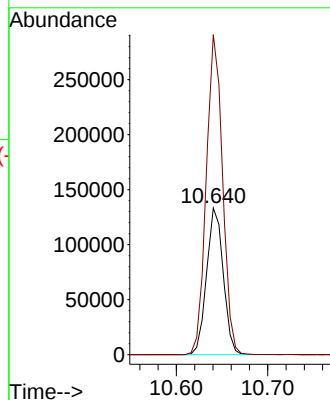
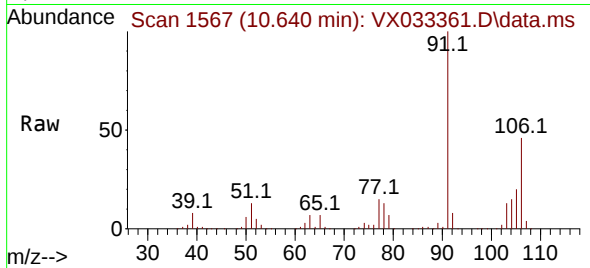
#69
o-Xylene
Concen: 54.302 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 168498
Ion Ratio Lower Upper
106 100
91 213.6 109.2 327.6

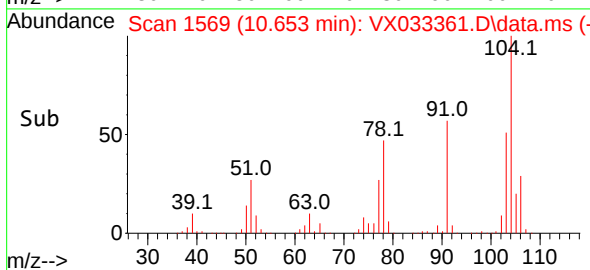
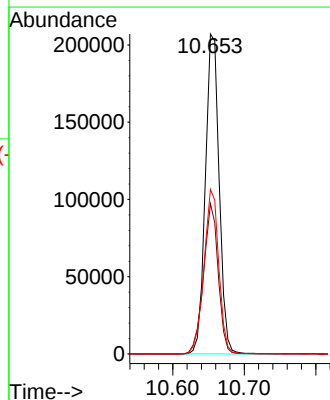
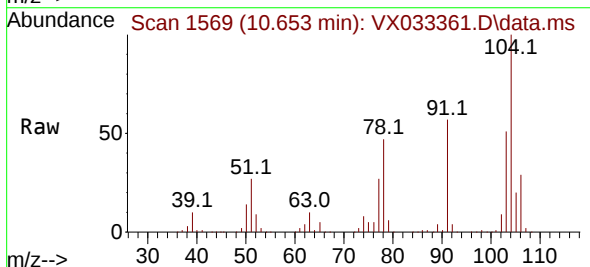
Manual Integrations
APPROVED

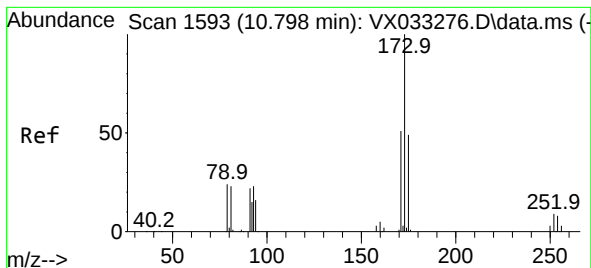
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#70
Styrene
Concen: 54.884 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

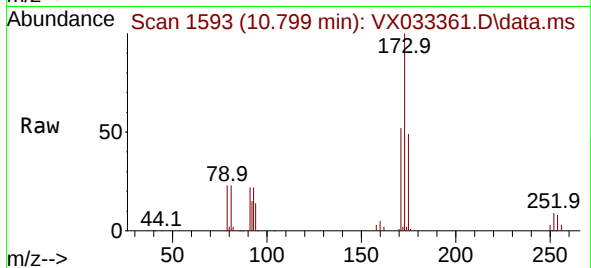
Tgt Ion:104 Resp: 278922
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 55.2 44.5 66.7





#71
Bromoform
Concen: 50.620 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

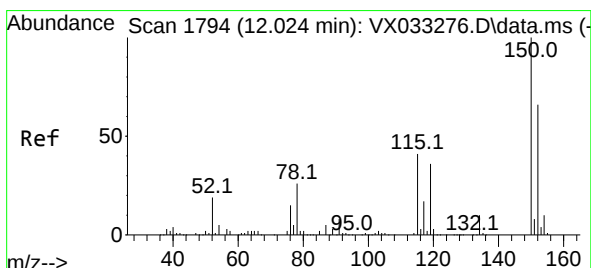
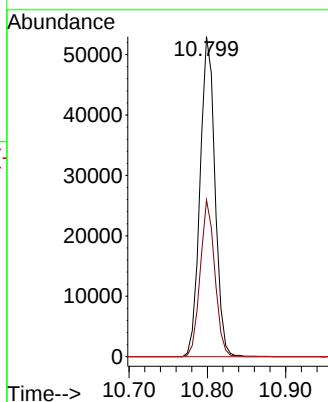
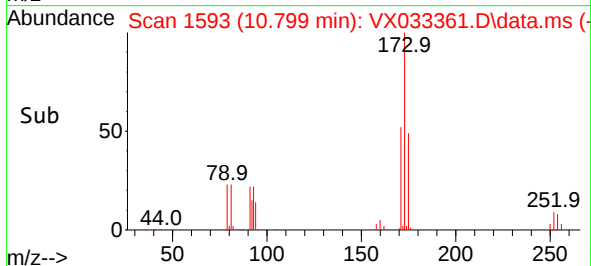
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 70129
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.8
254 0.0 0.0 0.0

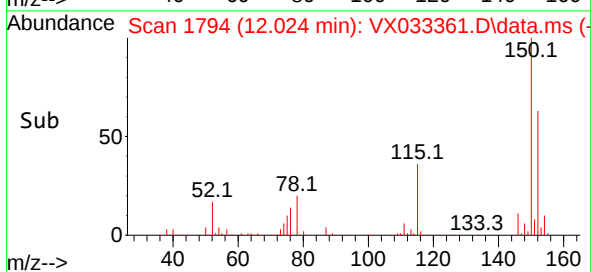
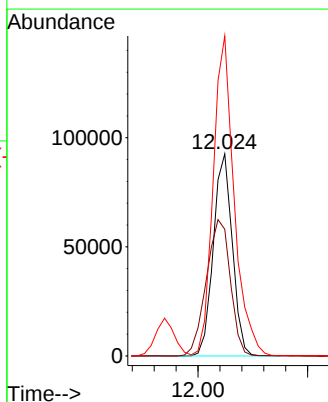
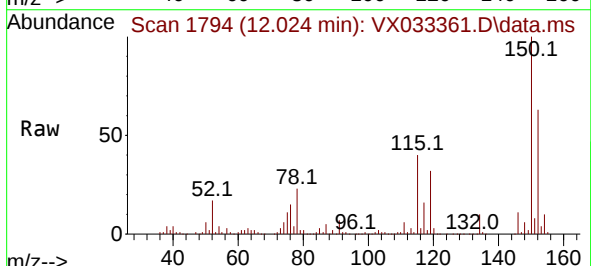
Manual Integrations
APPROVED

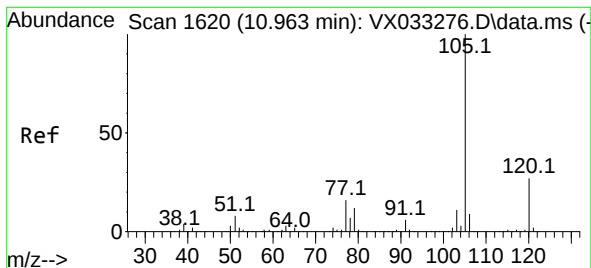
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Tgt Ion:152 Resp: 111526
Ion Ratio Lower Upper
152 100
115 85.6 44.0 132.0
150 174.2 0.0 351.8





#73

Isopropylbenzene

Concen: 54.783 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 44283

Ion Ratio Lower Upper

105 100

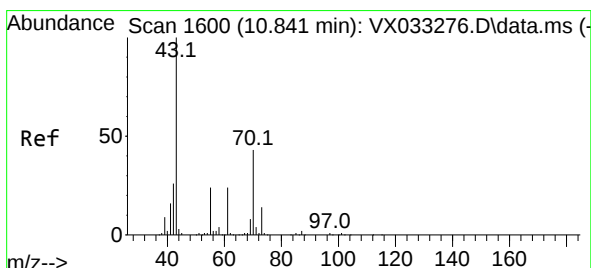
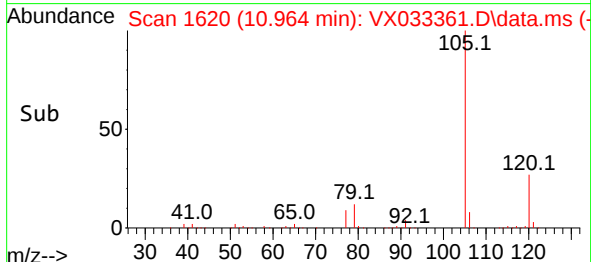
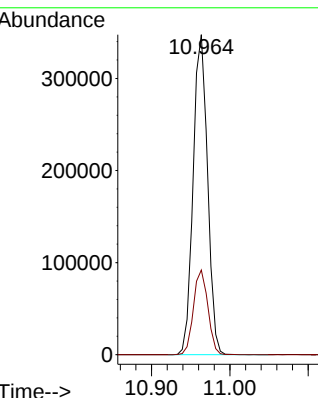
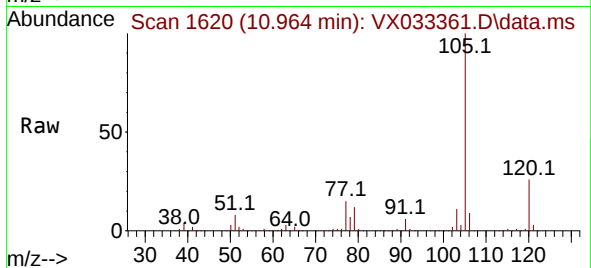
120 26.5 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#74

N-ethyl acetate

Concen: 52.162 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Tgt Ion: 43 Resp: 143860

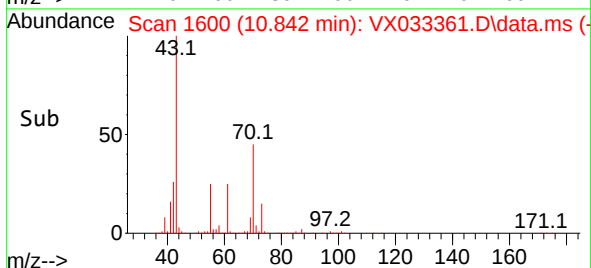
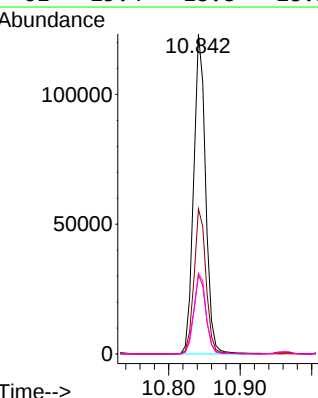
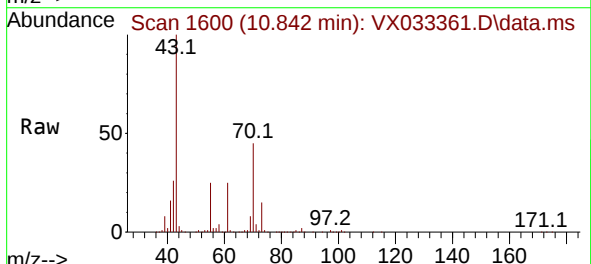
Ion Ratio Lower Upper

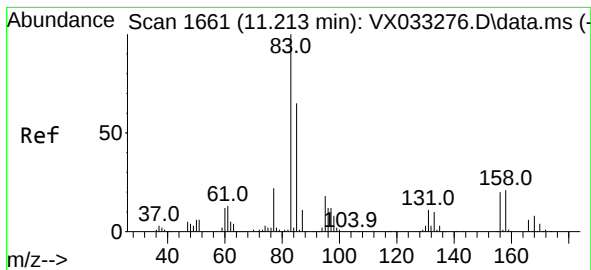
43 100

70 45.5 33.6 50.4

55 25.2 19.4 29.2

61 25.4 18.8 28.2





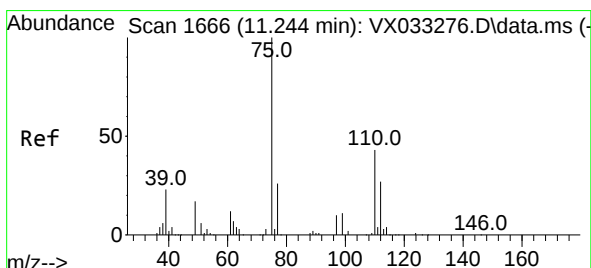
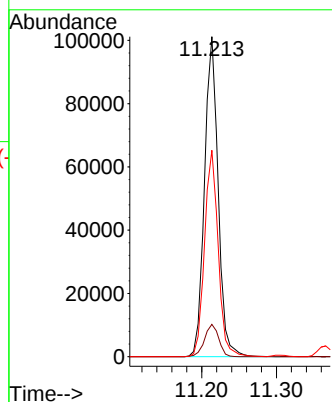
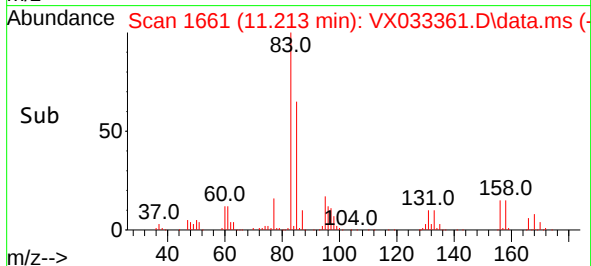
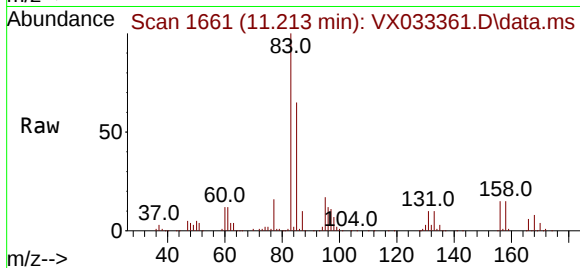
#75
1,1,2,2-Tetrachloroethane
Concen: 49.937 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12806
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.6 31.9 95.9

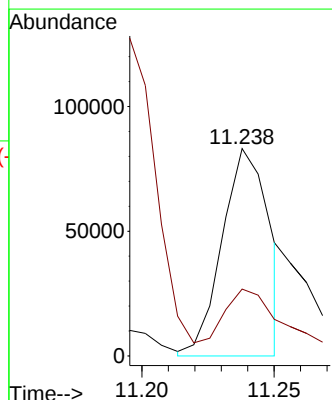
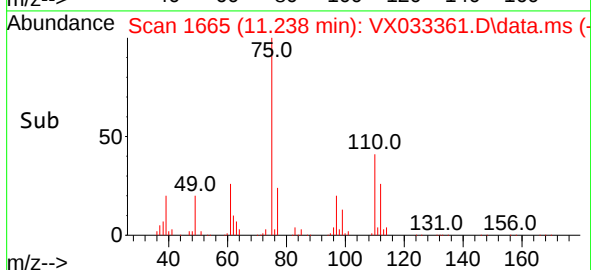
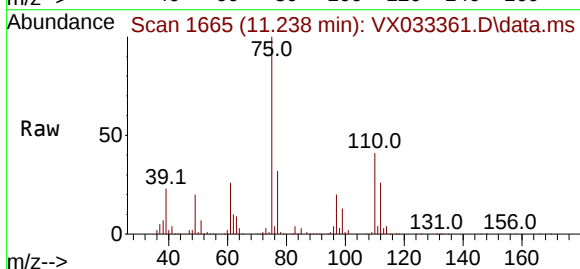
Manual Integrations
APPROVED

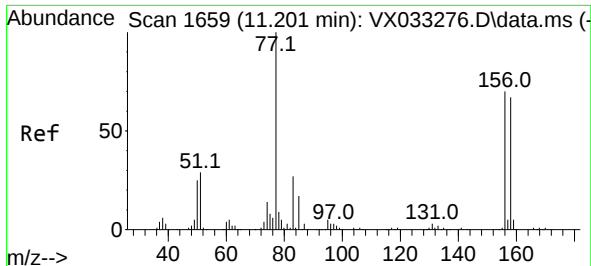
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#76
1,2,3-Trichloropropane
Concen: 45.464 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

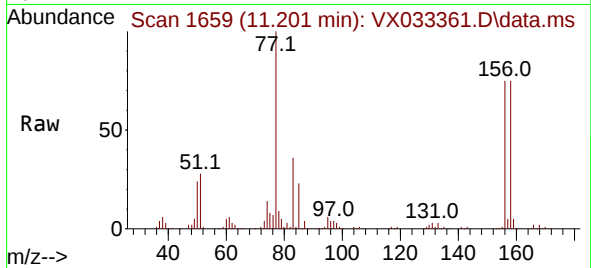
Tgt Ion: 75 Resp: 103158
Ion Ratio Lower Upper
75 100
77 42.7 20.0 60.0





#77
Bromobenzene
Concen: 52.072 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

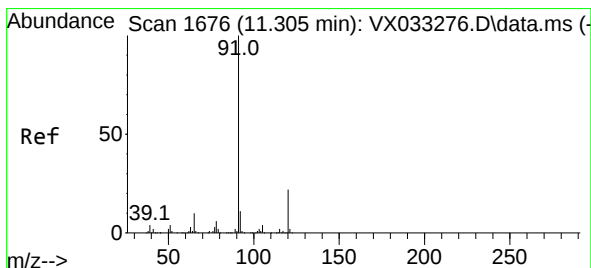
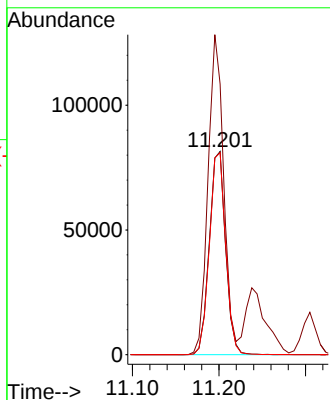
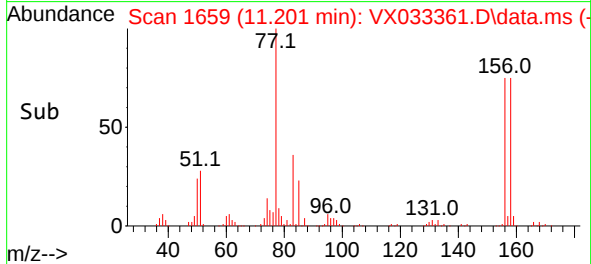
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



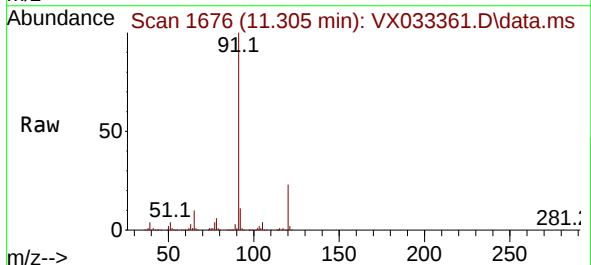
Tgt Ion:156 Resp: 106292
Ion Ratio Lower Upper
156 100
77 151.3 76.1 228.4
158 99.5 48.8 146.3

Manual Integrations
APPROVED

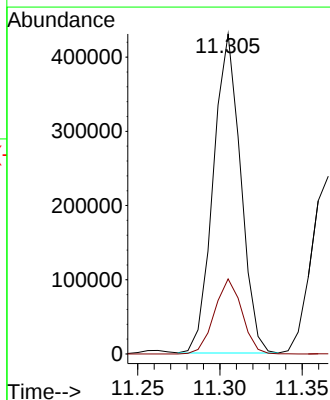
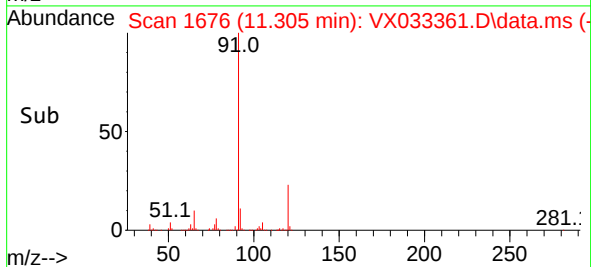
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

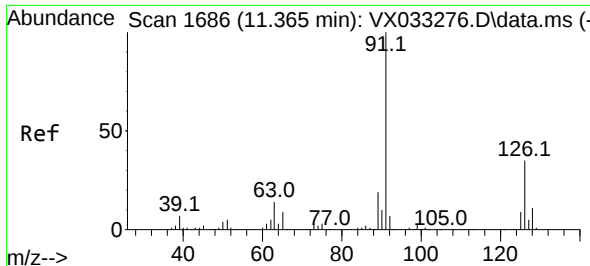


#78
n-propylbenzene
Concen: 55.216 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26



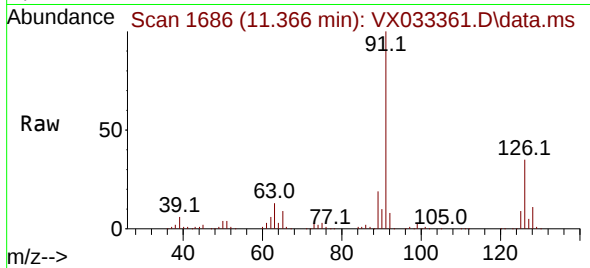
Tgt Ion: 91 Resp: 498376
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





#79
2-Chlorotoluene
Concen: 52.984 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

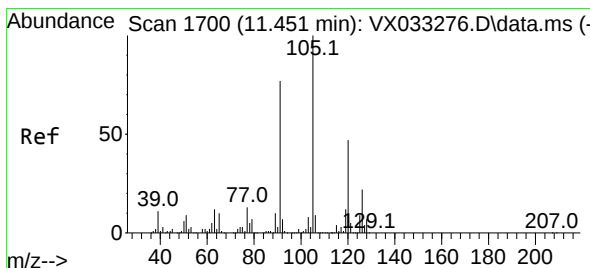
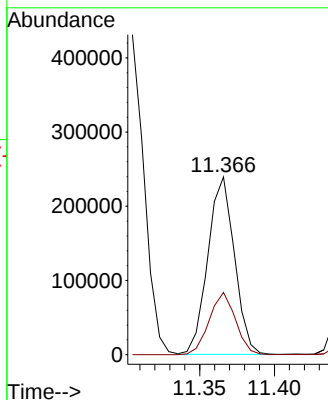
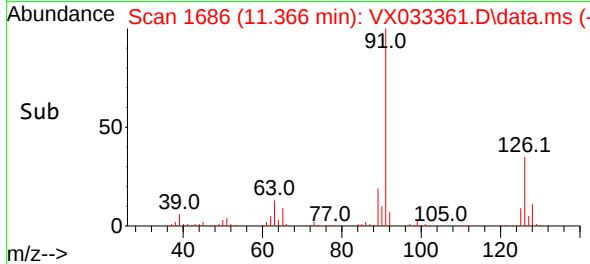
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



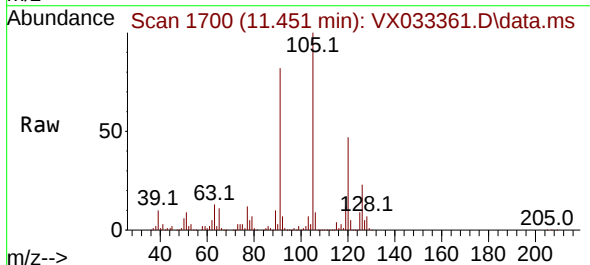
Tgt Ion: 91 Resp: 29555
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

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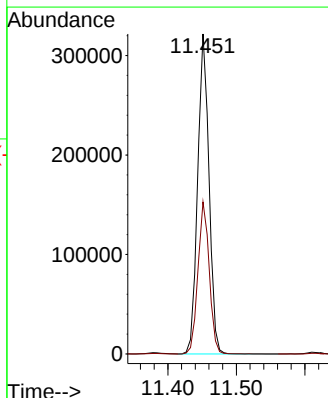
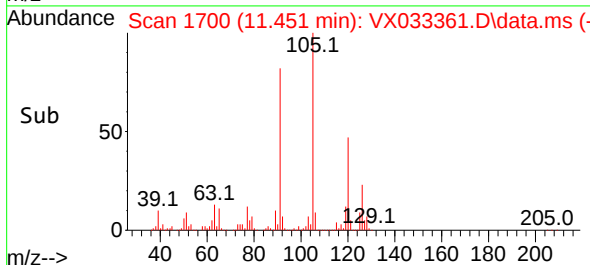
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

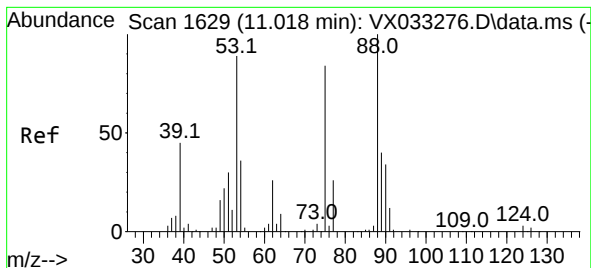


#80
1,3,5-Trimethylbenzene
Concen: 54.911 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26



Tgt Ion:105 Resp: 369484
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0





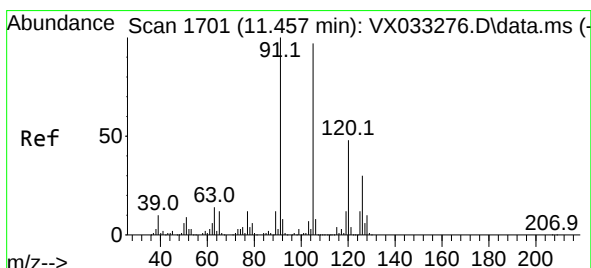
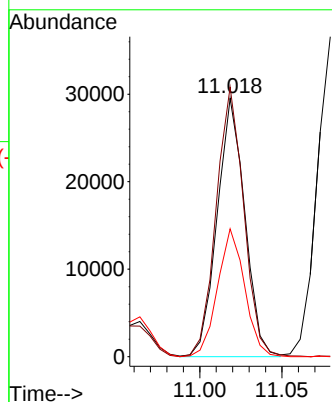
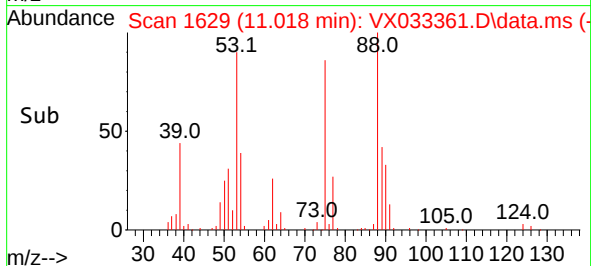
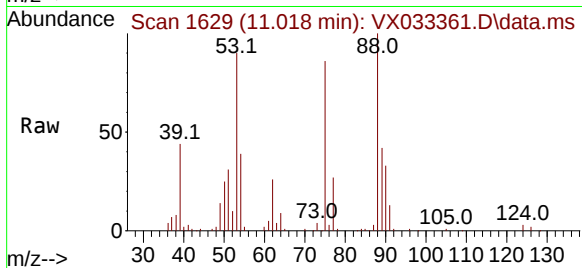
#81
trans-1,4-Dichloro-2-butene
Concen: 47.387 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3456
Ion Ratio Lower Upper
75 100
53 104.0 86.9 130.3
89 48.4 38.3 57.5

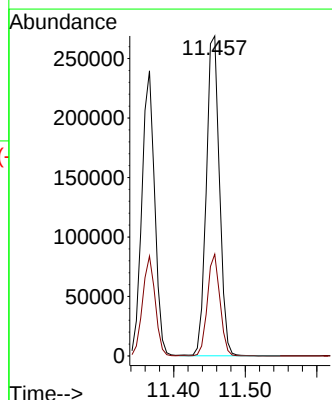
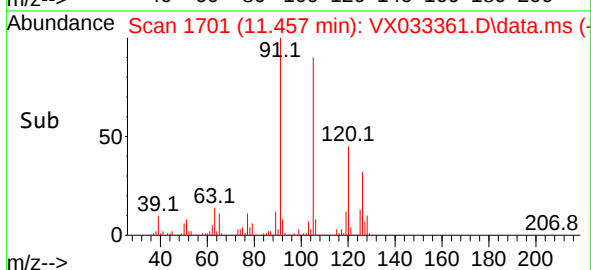
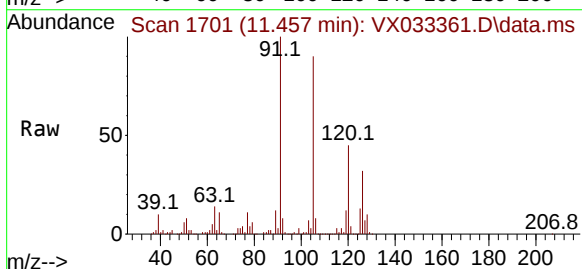
Manual Integrations
APPROVED

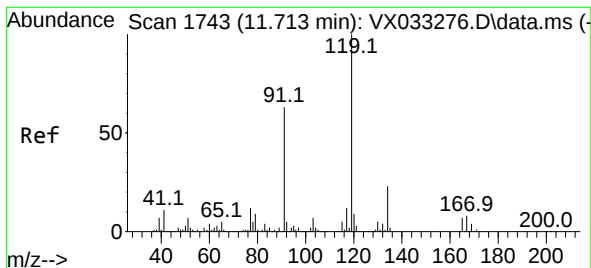
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#82
4-Chlorotoluene
Concen: 53.072 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Tgt Ion: 91 Resp: 344238
Ion Ratio Lower Upper
91 100
126 30.5 14.8 44.4





#83

tert-Butylbenzene

Concen: 53.467 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 358759

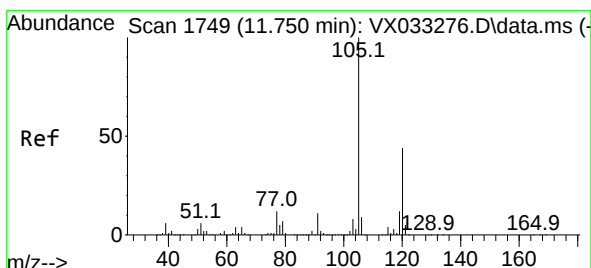
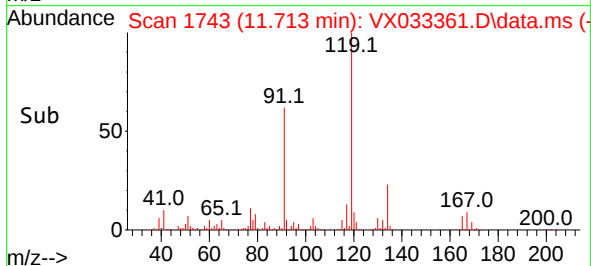
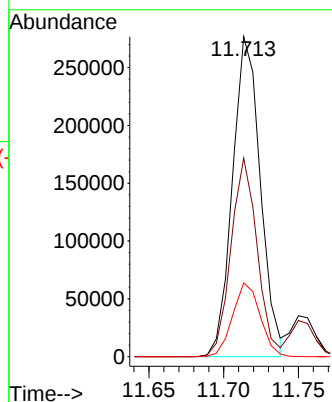
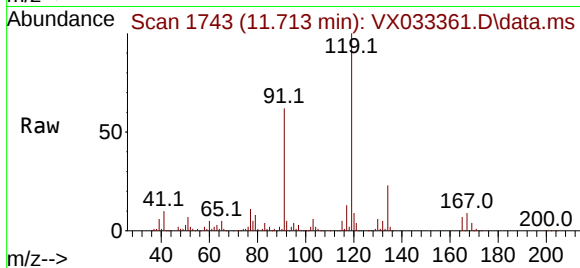
Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.4	88.2
134	22.8	11.0	33.0

Manual Integrations

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#84

1,2,4-Trimethylbenzene

Concen: 54.047 ug/l

RT: 11.750 min Scan# 1749

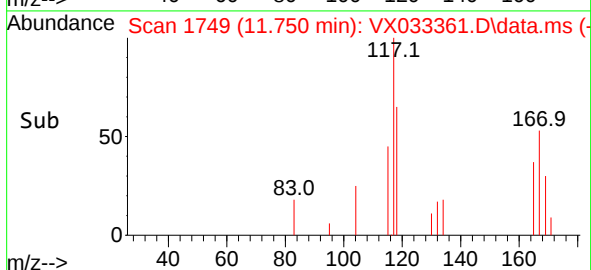
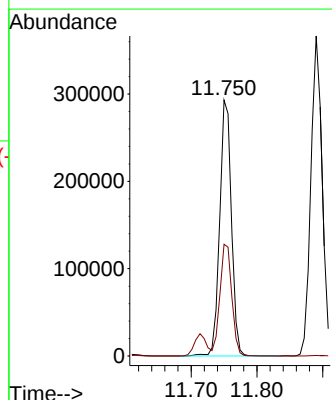
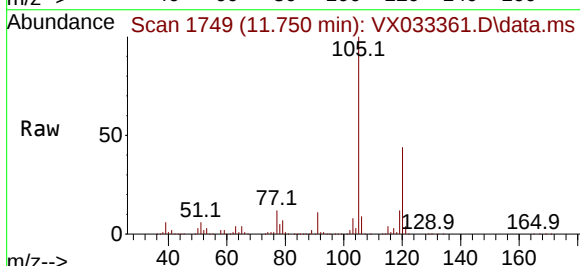
Delta R.T. 0.000 min

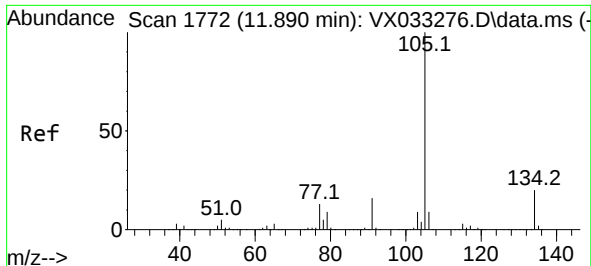
Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Tgt Ion:105 Resp: 363014

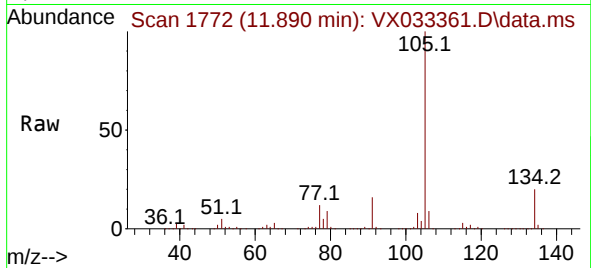
Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.9	65.5





#85
 sec-Butylbenzene
 Concen: 55.915 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033361.D
 Acq: 09 Dec 2022 20:26

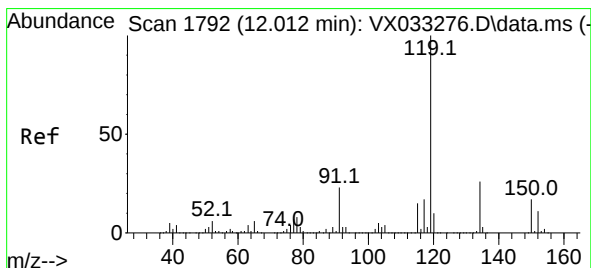
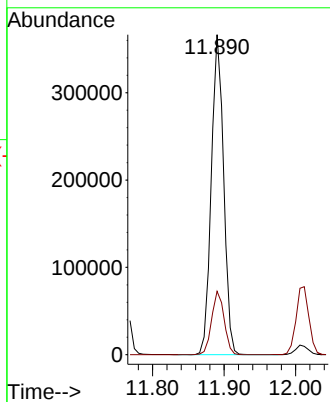
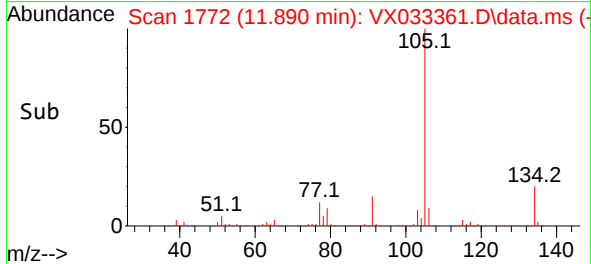
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



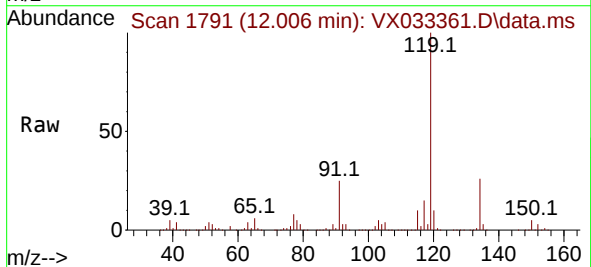
Tgt Ion:105 Resp: 437739
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

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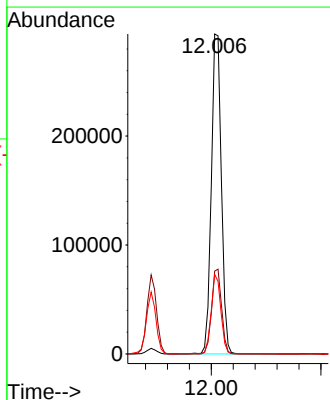
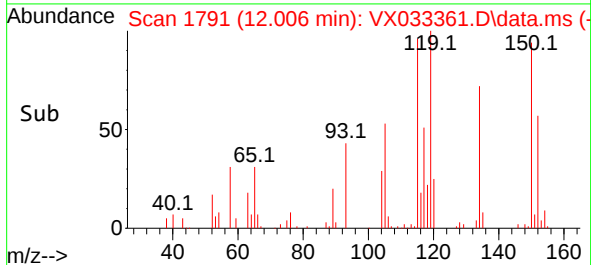
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

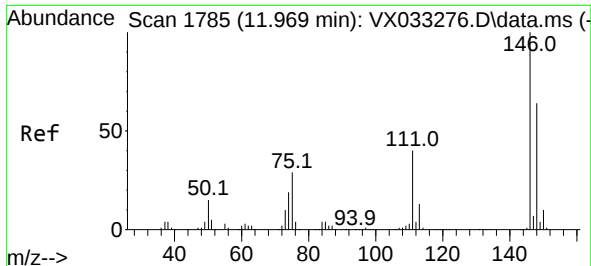


#86
 p-Isopropyltoluene
 Concen: 54.867 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033361.D
 Acq: 09 Dec 2022 20:26



Tgt Ion:119 Resp: 370321
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 53.154 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

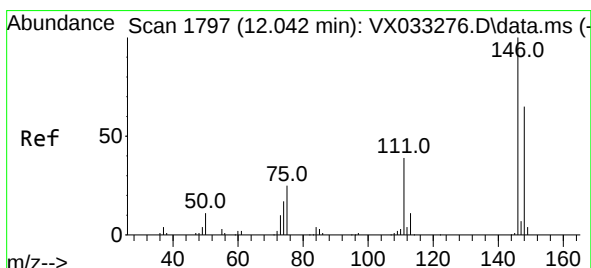
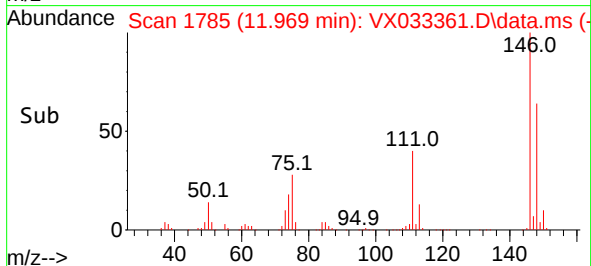
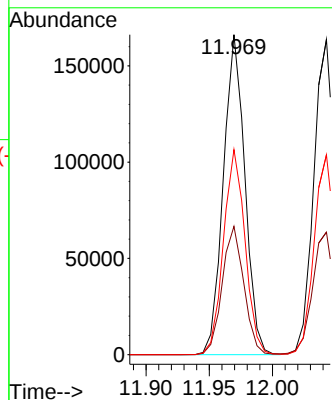
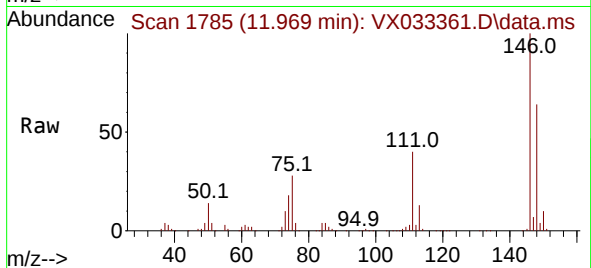
Tgt Ion:146 Resp: 196542
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.8
 148 64.2 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#88

1,4-Dichlorobenzene

Concen: 52.238 ug/l

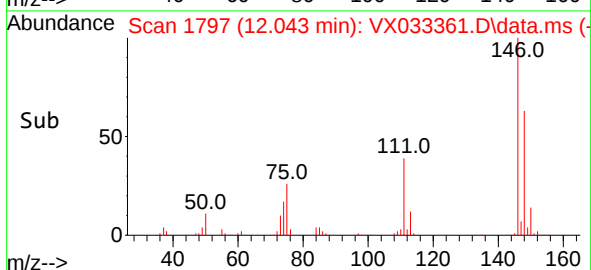
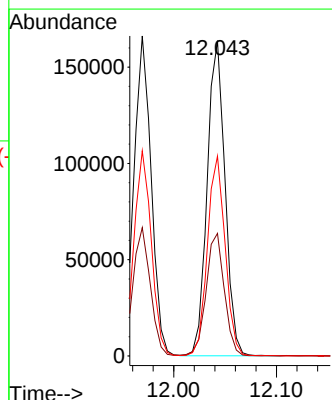
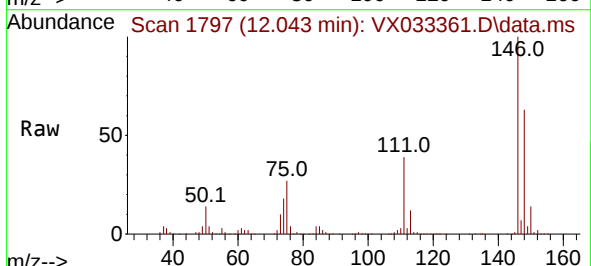
RT: 12.043 min Scan# 1797

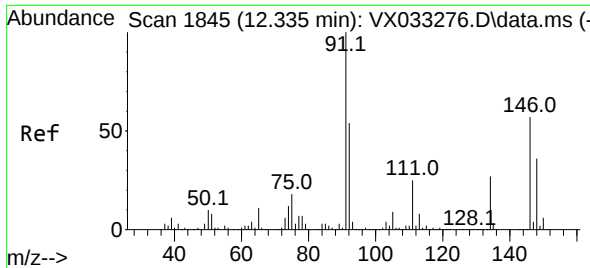
Delta R.T. 0.000 min

Lab File: VX033361.D

Acq: 09 Dec 2022 20:26

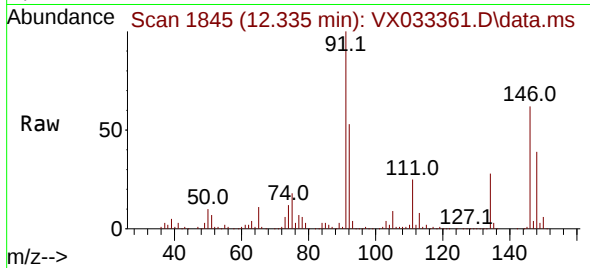
Tgt Ion:146 Resp: 197297
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.5 61.6
 148 63.1 32.2 96.6





#89
n-Butylbenzene
Concen: 55.151 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

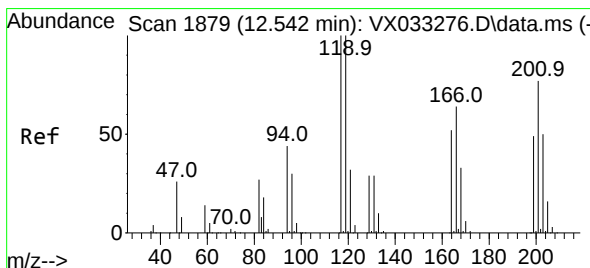
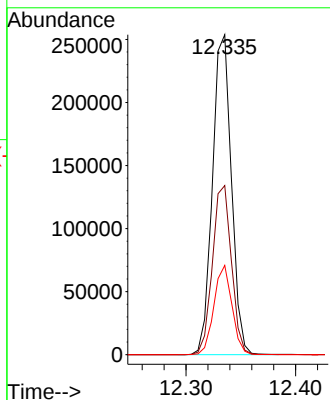
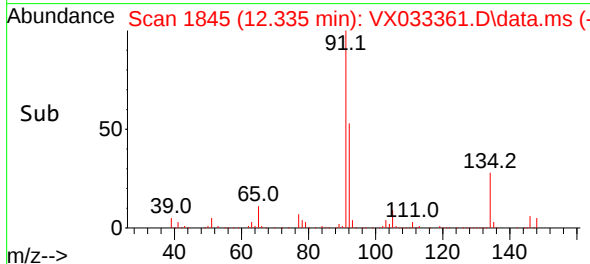
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 304878
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.6
134 26.7 12.9 38.6

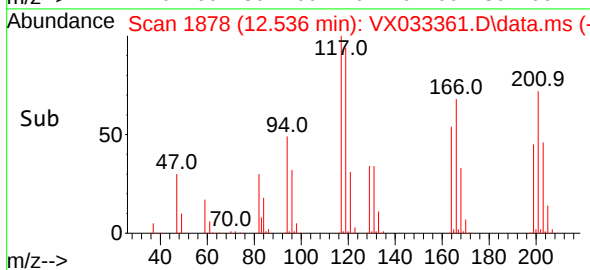
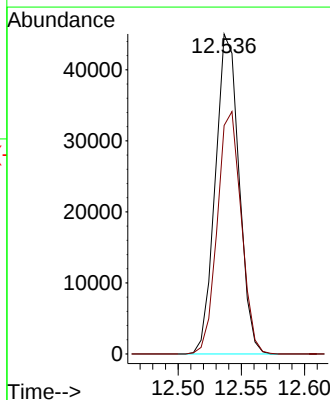
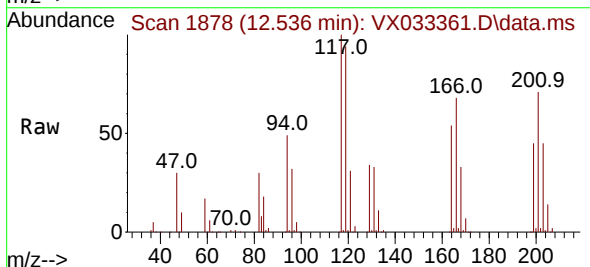
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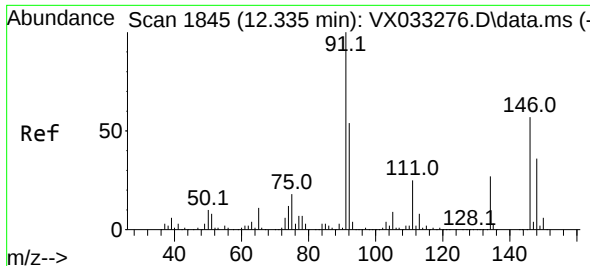
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#90
Hexachloroethane
Concen: 51.139 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

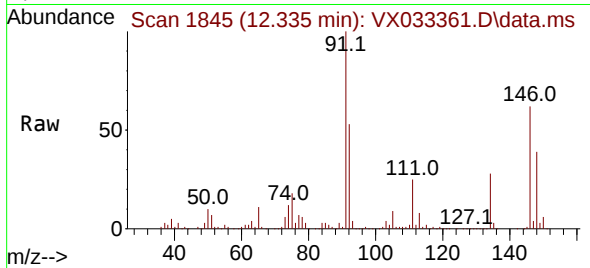
Tgt Ion:117 Resp: 58670
Ion Ratio Lower Upper
117 100
201 76.5 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 51.734 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

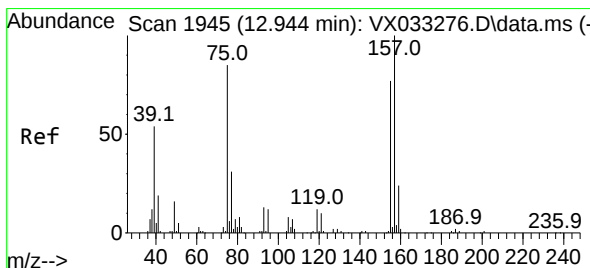
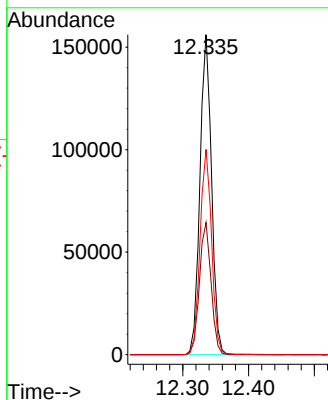
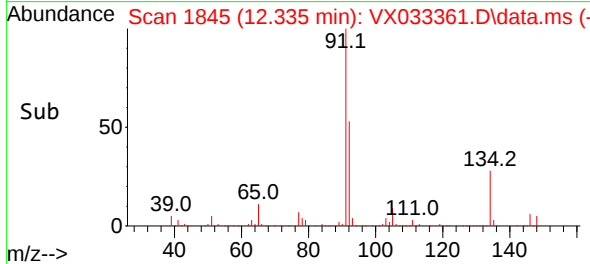
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



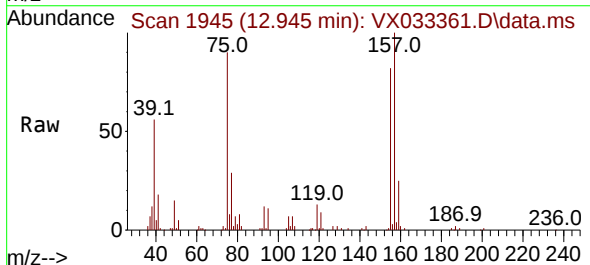
Tgt Ion:146 Resp: 19125
Ion Ratio Lower Upper
146 100
111 41.4 21.5 64.5
148 64.1 32.0 96.2

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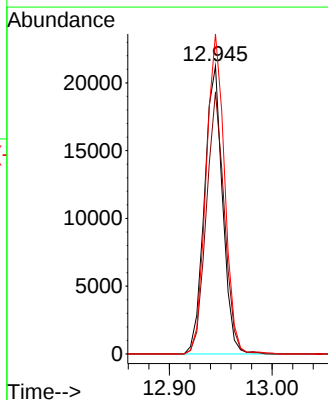
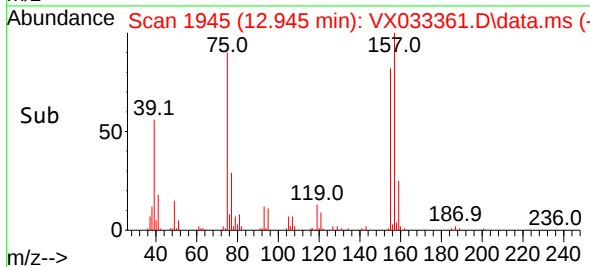
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

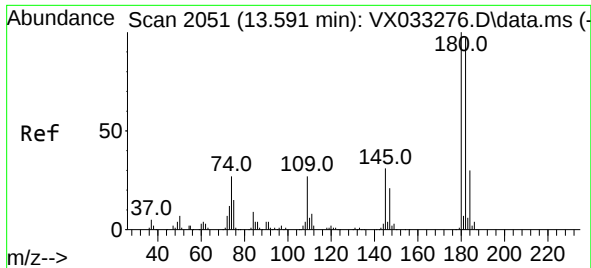


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.079 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26



Tgt Ion: 75 Resp: 26078
Ion Ratio Lower Upper
75 100
155 90.3 41.6 124.8
157 113.6 54.1 162.4





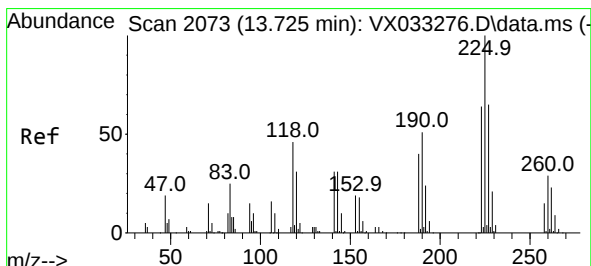
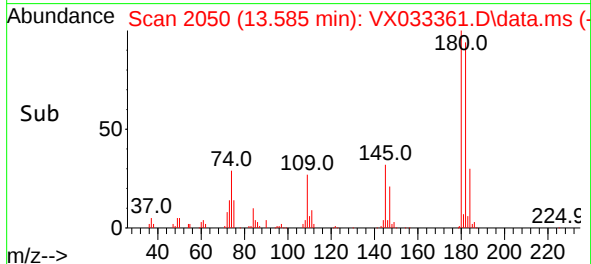
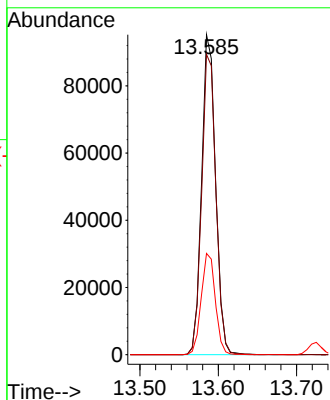
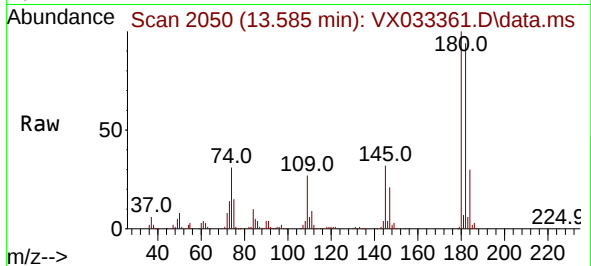
#93
1,2,4-Trichlorobenzene
Concen: 52.736 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 11774
Ion Ratio Lower Upper
180 100
182 95.8 48.4 145.0
145 32.0 16.2 48.5

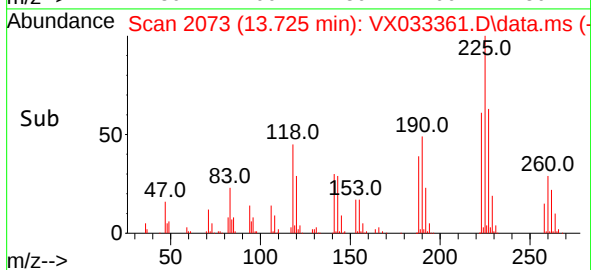
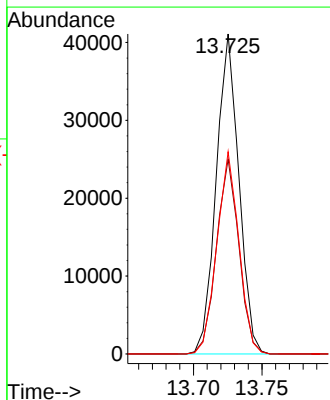
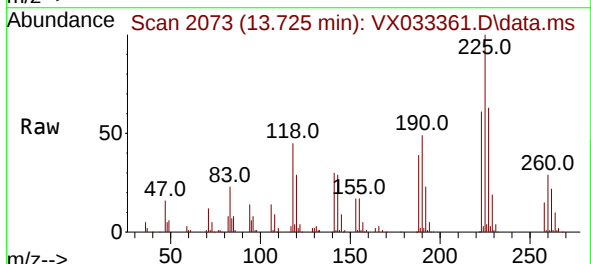
Manual Integrations
APPROVED

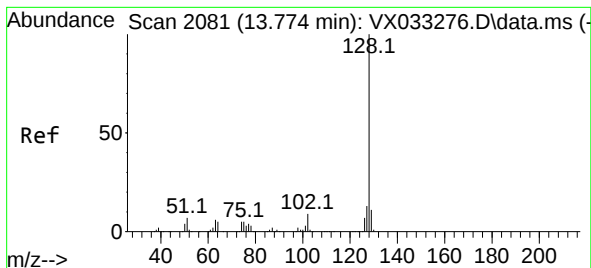
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#94
Hexachlorobutadiene
Concen: 52.673 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

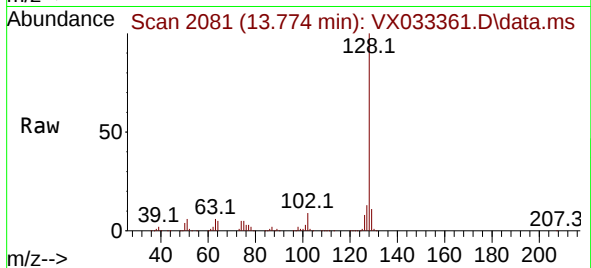
Tgt Ion:225 Resp: 47092
Ion Ratio Lower Upper
225 100
223 60.4 31.9 95.9
227 61.5 31.9 95.5





#95
Naphthalene
Concen: 53.344 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26

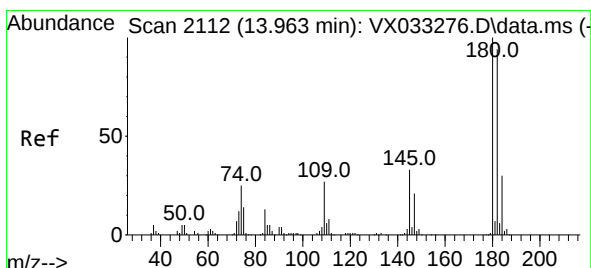
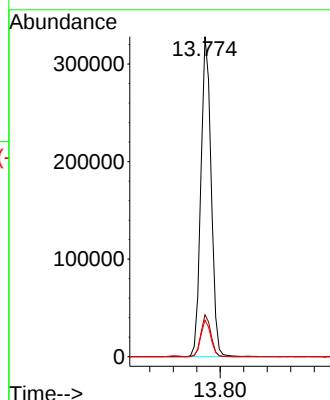
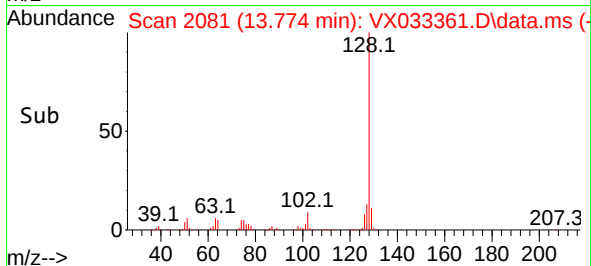
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



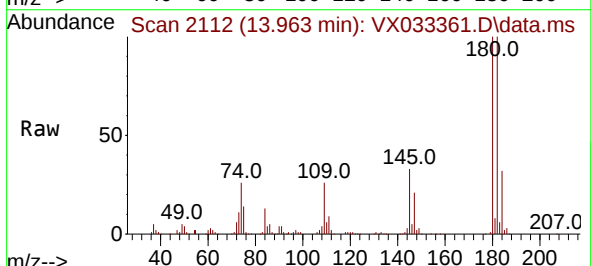
Tgt Ion:128 Resp: 39727
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.200 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033361.D
Acq: 09 Dec 2022 20:26



Tgt Ion:180 Resp: 118036
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.6
145 34.1 16.9 50.6

