

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033338.D
 Acq On : 09 Dec 2022 11:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/12/2022

Quant Time: Dec 09 14:41:18 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	5.549	168	189049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	290436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54154	44.651	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.300%		
35) Dibromofluoromethane	5.385	113	63218	48.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.646	98	140667	51.474	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.940%		
62) 4-Bromofluorobenzene	11.079	95	111792	53.502	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	73149	55.391	ug/l	100
3) Chloromethane	1.294	50	72617	47.558	ug/l	99
4) Vinyl Chloride	1.373	62	83918	48.133	ug/l	99
5) Bromomethane	1.617	94	59314	46.359	ug/l	95
6) Chloroethane	1.690	64	58388	44.152	ug/l	98
7) Trichlorofluoromethane	1.886	101	160549	49.050	ug/l	99
8) Diethyl Ether	2.129	74	38613	32.661	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	93875	54.066	ug/l	98
10) Methyl Iodide	2.452	142	96044	50.506	ug/l	97
11) Tert butyl alcohol	3.001	59	83447m	225.048	ug/l	
12) 1,1-Dichloroethene	2.318	96	86484	50.461	ug/l	99
13) Acrolein	2.245	56	79076	196.634	ug/l	100
14) Allyl chloride	2.666	41	132843	48.536	ug/l	94
15) Acrylonitrile	3.062	53	203393	221.438	ug/l	99
16) Acetone	2.392	43	220340	245.518	ug/l	98
17) Carbon Disulfide	2.513	76	211725	48.132	ug/l	99
18) Methyl Acetate	2.702	43	118992	45.801	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	296306	49.911	ug/l	100
20) Methylene Chloride	2.788	84	94476	47.203	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	95124	50.738	ug/l	98
22) Diisopropyl ether	3.757	45	283155	48.287	ug/l	97
23) Vinyl Acetate	3.721	43	1082178	237.764	ug/l	97
24) 1,1-Dichloroethane	3.605	63	166162	48.226	ug/l	99
25) 2-Butanone	4.556	43	294541	228.642	ug/l	97
26) 2,2-Dichloropropane	4.470	77	137349	54.207	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	111887	49.936	ug/l	96
28) Bromochloromethane	4.891	49	71313	49.444	ug/l	89
29) Tetrahydrofuran	5.001	42	178918	214.366	ug/l	96
30) Chloroform	5.092	83	186848	48.848	ug/l	100
31) Cyclohexane	5.464	56	149198	51.763	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	169534	51.513	ug/l	98
36) 1,1-Dichloropropene	5.690	75	135309	53.127	ug/l	99
37) Ethyl Acetate	4.708	43	111842	46.455	ug/l	98
38) Carbon Tetrachloride	5.671	117	150691	52.808	ug/l	99
39) Methylcyclohexane	7.378	83	162841	57.122	ug/l	97
40) Benzene	6.031	78	381542	51.380	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	64651	48.732	ug/l	96
42) 1,2-Dichloroethane	6.080	62	144776	49.096	ug/l	98
43) Isopropyl Acetate	6.336	43	188833	48.747	ug/l	96
44) Trichloroethene	7.122	130	111679	54.547	ug/l	97
45) 1,2-Dichloropropane	7.427	63	95694	50.388	ug/l	97
46) Dibromomethane	7.580	93	72092	49.831	ug/l	97
47) Bromodichloromethane	7.817	83	143967	51.050	ug/l	99
48) Methyl methacrylate	7.689	41	95827	47.932	ug/l	91
49) 1,4-Dioxane	7.708	88	45264	992.865	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	573477	234.101	ug/l	95
52) Toluene	8.714	92	254808	53.071	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	149390	49.346	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	163894	54.614	ug/l #	89
55) 1,1,2-Trichloroethane	9.152	97	103424	51.245	ug/l	98
56) Ethyl methacrylate	9.116	69	149428	52.586	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	163828	50.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	298079	229.254	ug/l	97
59) 2-Hexanone	9.427	43	430016	238.201	ug/l	94
60) Dibromochloromethane	9.518	129	115987	52.160	ug/l	100
61) 1,2-Dibromoethane	9.610	107	110021	51.249	ug/l	100
64) Tetrachloroethene	9.268	164	95255	53.032	ug/l	96
65) Chlorobenzene	10.079	112	279326	52.512	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	107010	53.234	ug/l	99
67) Ethyl Benzene	10.195	91	504326	54.422	ug/l	99
68) m/p-Xylenes	10.299	106	393081	109.024	ug/l	97
69) o-Xylene	10.640	106	191699	53.791	ug/l	97
70) Styrene	10.652	104	317822	54.452	ug/l	98
71) Bromoform	10.799	173	81803	51.412	ug/l #	99
73) Isopropylbenzene	10.963	105	505146	53.429	ug/l	99
74) N-amyl acetate	10.841	43	164022	50.849	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	142482	47.504	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	115675m	43.588	ug/l	
77) Bromobenzene	11.195	156	122591	51.349	ug/l	99
78) n-propylbenzene	11.305	91	575941	54.557	ug/l	98
79) 2-Chlorotoluene	11.366	91	340730	52.226	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	426077	54.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	42606	49.940	ug/l	92
82) 4-Chlorotoluene	11.451	91	400100	52.740	ug/l	99
83) tert-Butylbenzene	11.713	119	417231	53.165	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	419605	53.413	ug/l	100
85) sec-Butylbenzene	11.890	105	513106	56.038	ug/l	99
86) p-Isopropyltoluene	12.006	119	439512	55.675	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	228916	52.932	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	231951	52.508	ug/l	98
89) n-Butylbenzene	12.335	91	374227	57.879	ug/l	99
90) Hexachloroethane	12.536	117	70263	52.363	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	221251	51.171	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30117	46.486	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	143508	54.956	ug/l	99
94) Hexachlorobutadiene	13.725	225	60619	57.971	ug/l	98
95) Naphthalene	13.774	128	460444	52.861	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	142928	54.043	ug/l	100

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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

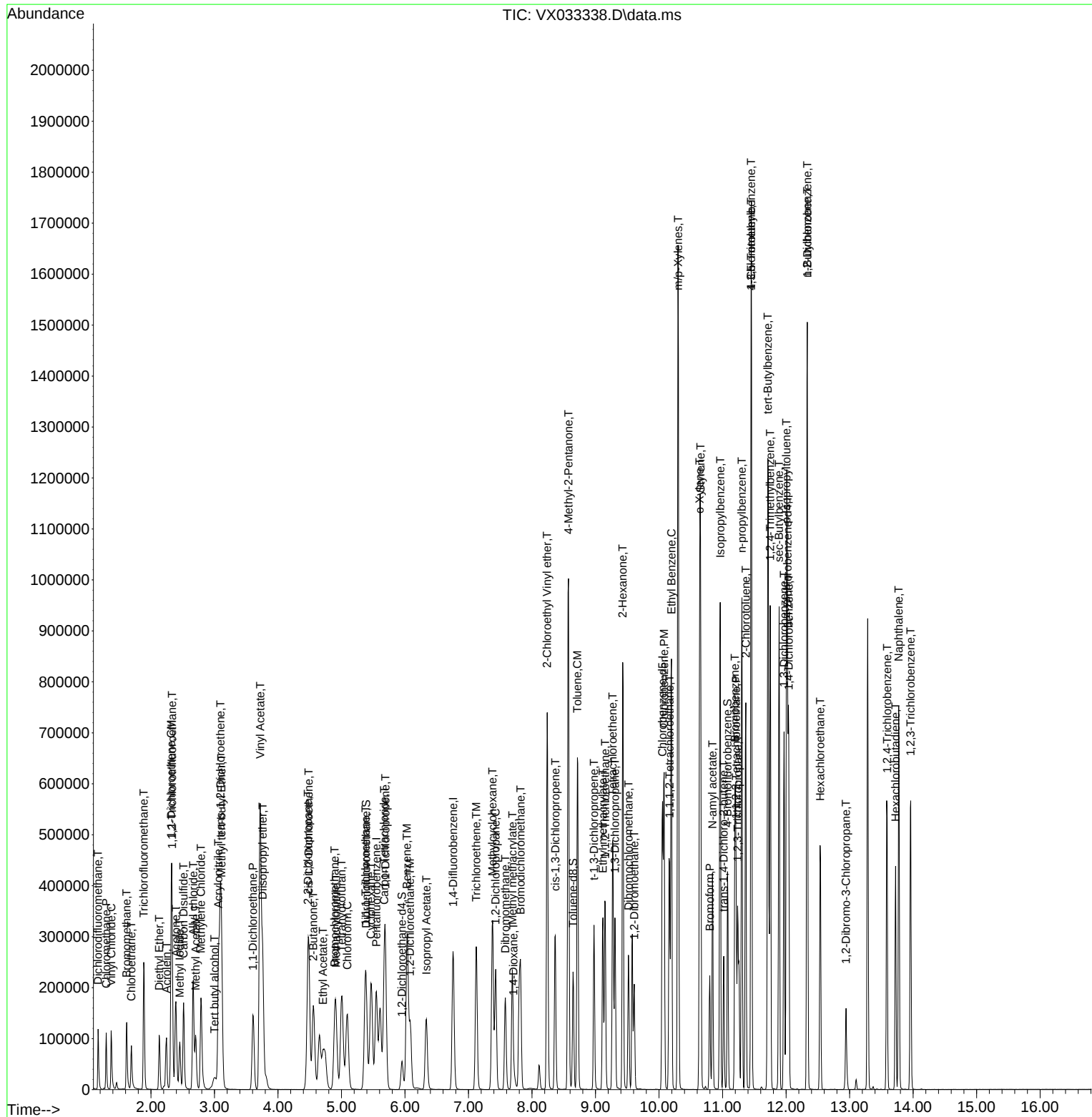
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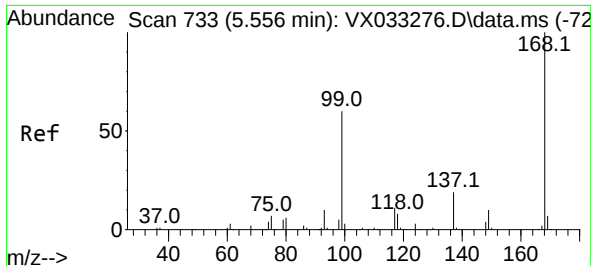
Instrument :
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 ClientSampleId :
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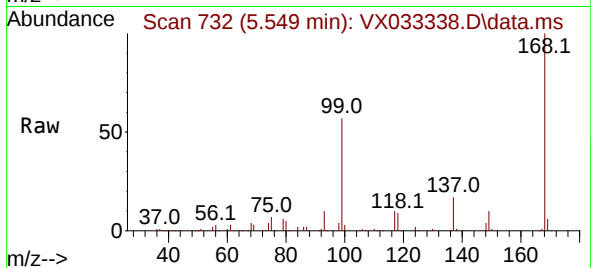
Reviewed By :John Carlone 12/09/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX033338.D
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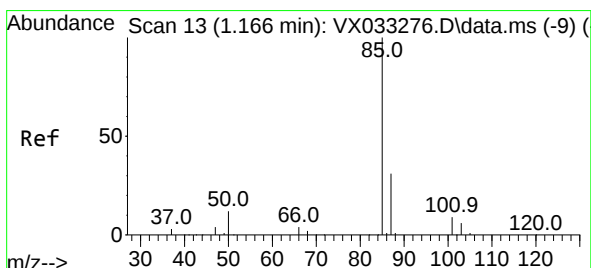
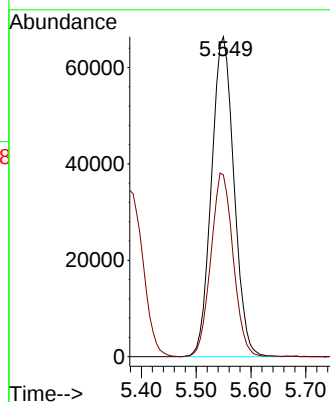
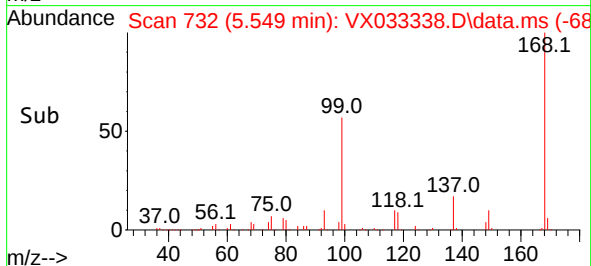
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 189049
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1

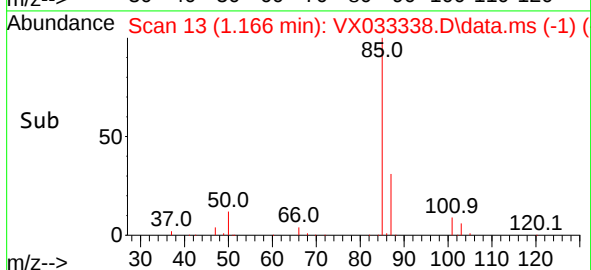
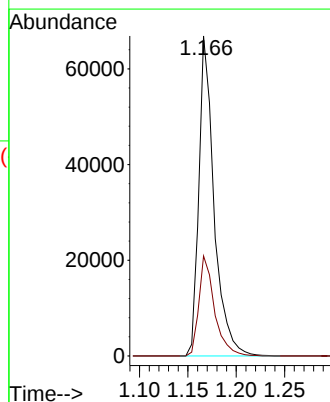
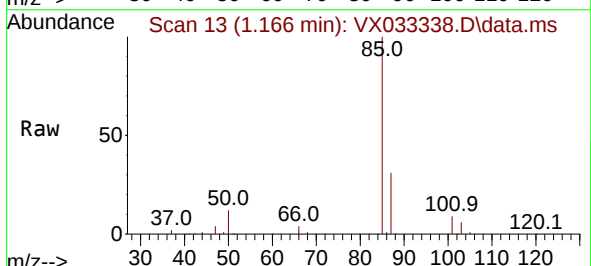
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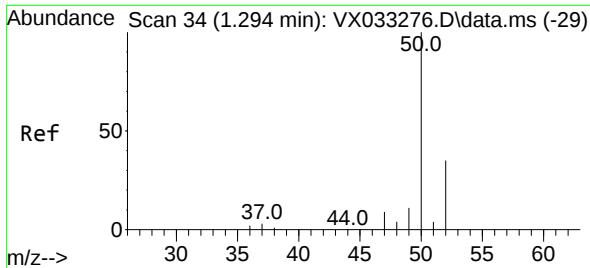
Reviewed By :John Carlone 12/09/2022
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#2
Dichlorodifluoromethane
Concen: 55.391 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 85 Resp: 73149
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.7





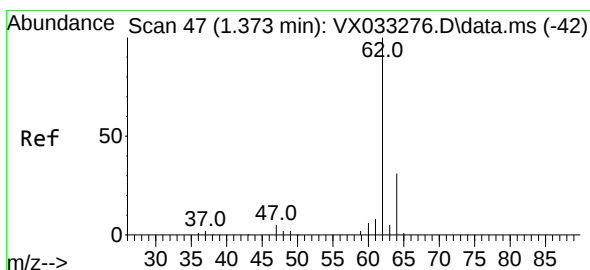
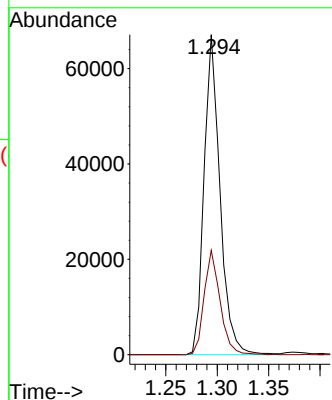
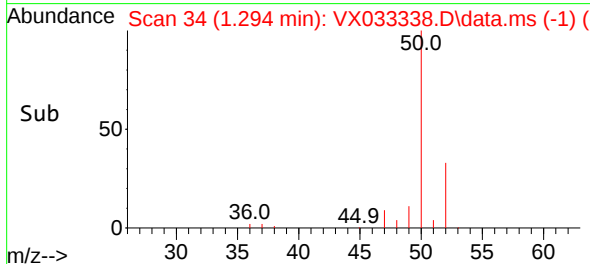
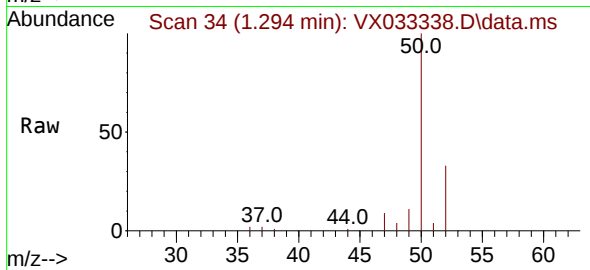
#3
Chloromethane
Concen: 47.558 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 7261
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

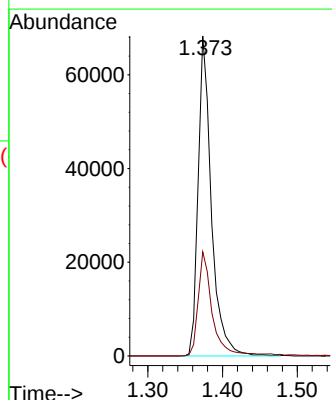
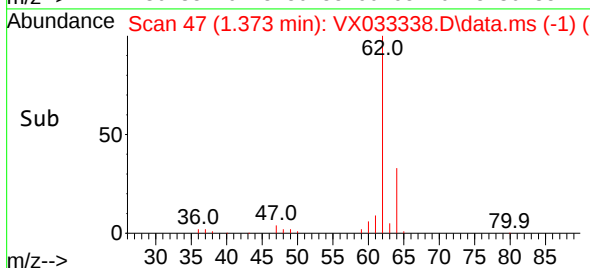
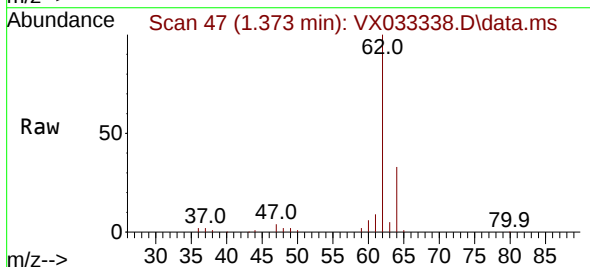
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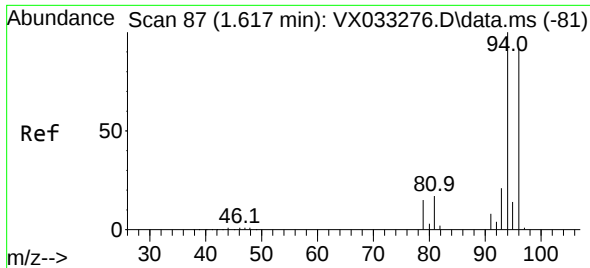
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#4
Vinyl Chloride
Concen: 48.133 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

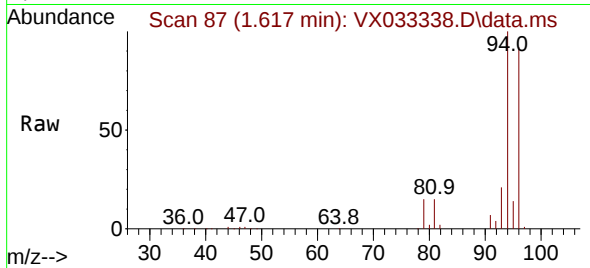
Tgt Ion: 62 Resp: 83918
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6





#5
Bromomethane
Concen: 46.359 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

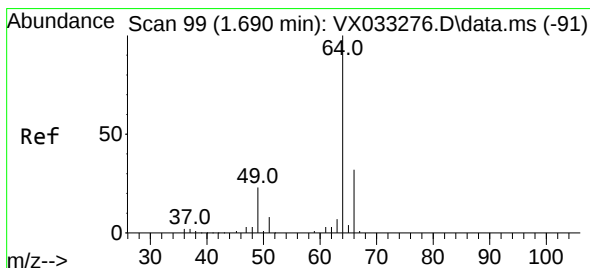
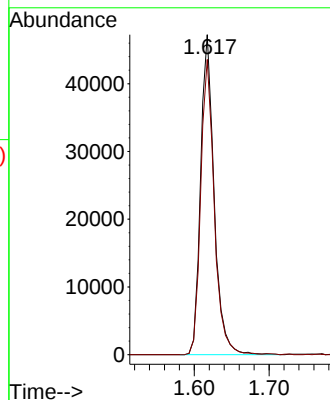
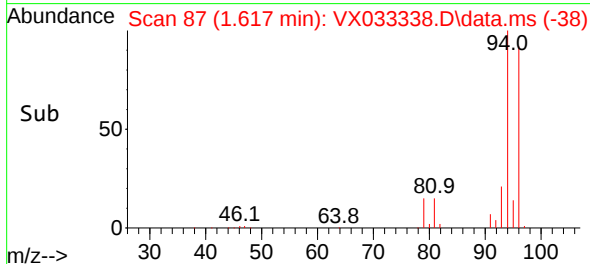
Instrument :
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Tgt Ion: 94 Resp: 59314
Ion Ratio Lower Upper
94 100
96 92.2 77.6 116.4

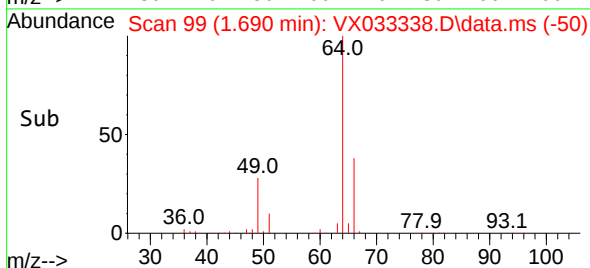
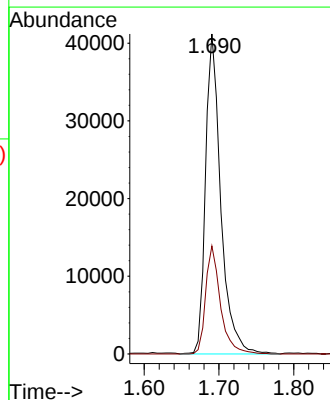
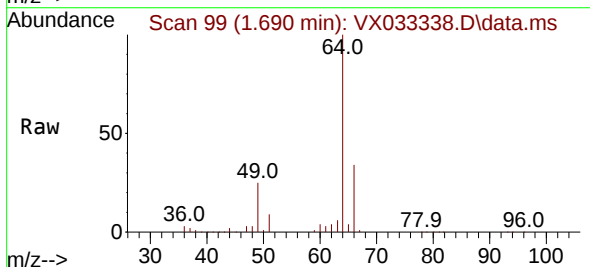
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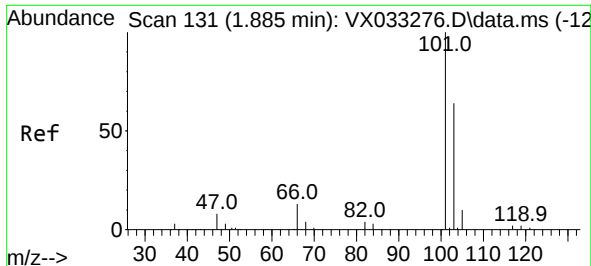
Reviewed By :John Carlone 12/09/2022
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#6
Chloroethane
Concen: 44.152 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033338.D
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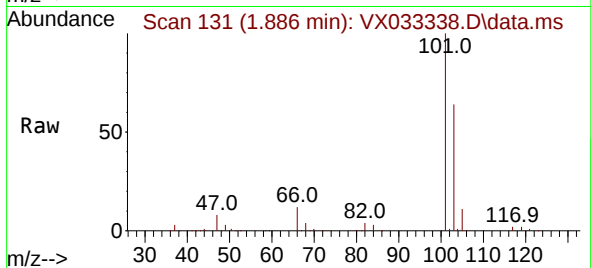
Tgt Ion: 64 Resp: 58388
Ion Ratio Lower Upper
64 100
66 33.7 26.0 39.0





#7
Trichlorofluoromethane
Concen: 49.050 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

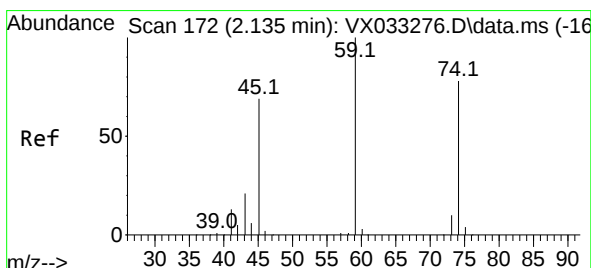
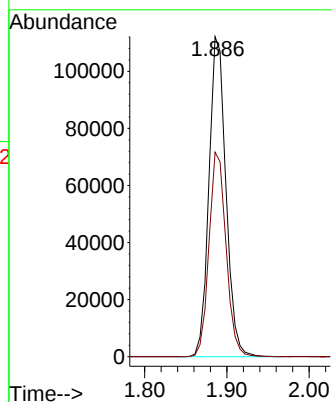
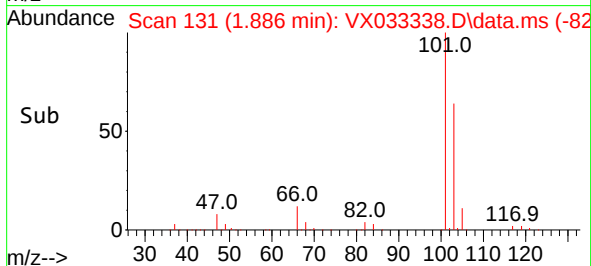
Instrument :
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Tgt Ion:101 Resp: 160549
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

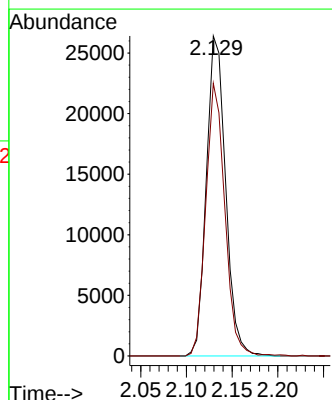
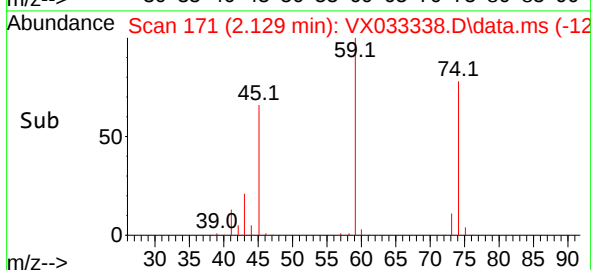
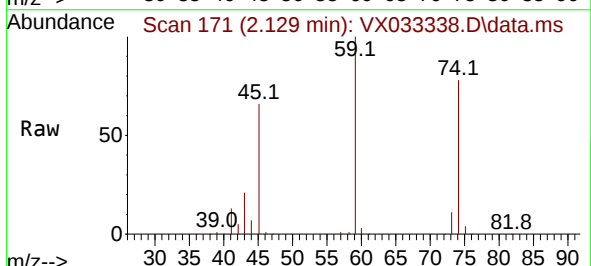
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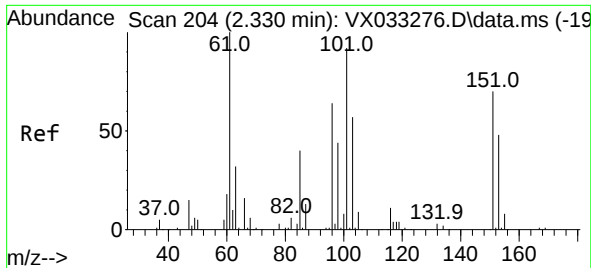
Reviewed By :John Carlone 12/09/2022
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#8
Diethyl Ether
Concen: 32.661 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 74 Resp: 38613
Ion Ratio Lower Upper
74 100
45 84.2 46.6 139.7





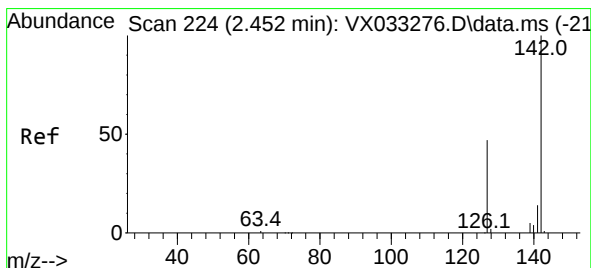
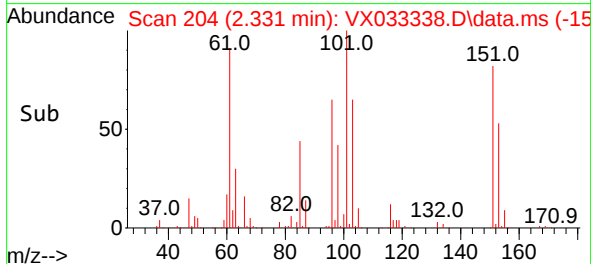
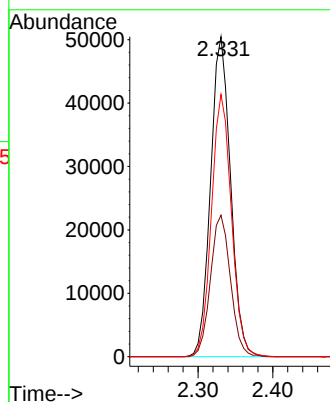
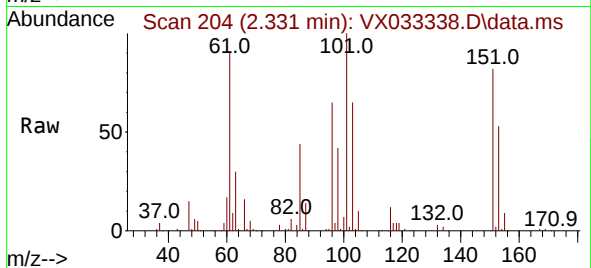
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.066 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 93875
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.4
151 81.7 64.4 96.6

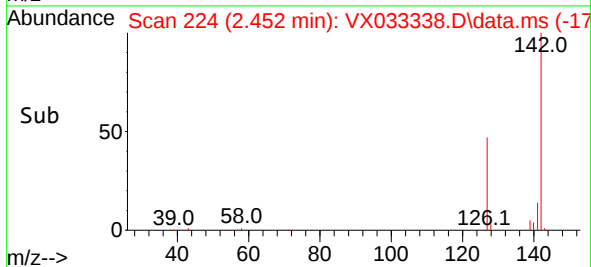
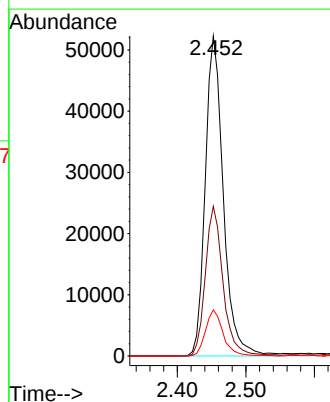
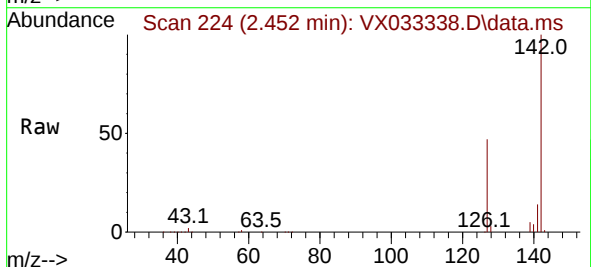
Manual Integrations
APPROVED

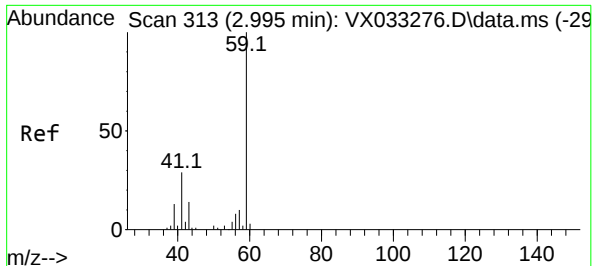
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#10
Methyl Iodide
Concen: 50.506 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion:142 Resp: 96044
Ion Ratio Lower Upper
142 100
127 45.9 38.6 57.8
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 225.048 ug/l m

RT: 3.001 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 8344

Ion Ratio Lower Upper

59 100

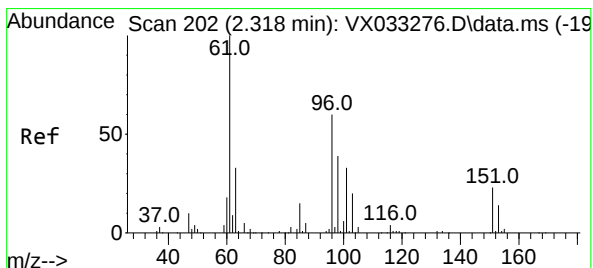
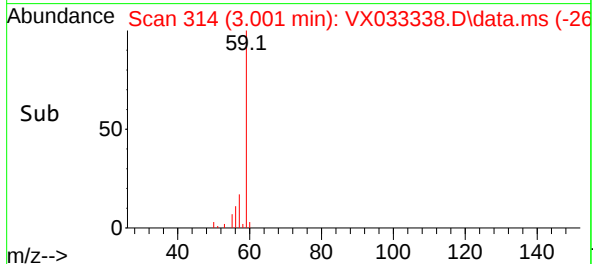
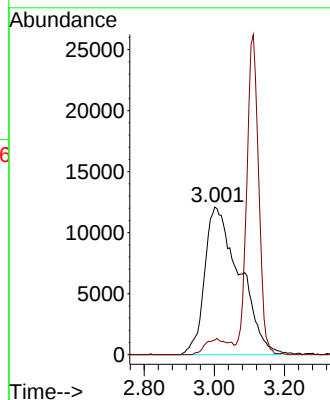
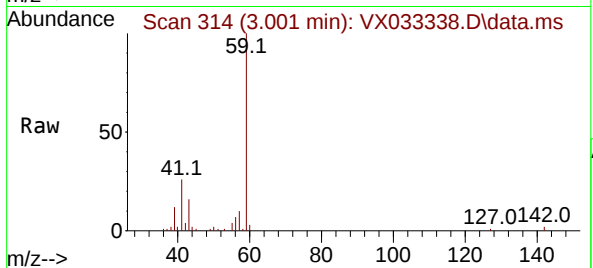
57 7.4 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#12

1,1-Dichloroethene

Concen: 50.461 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

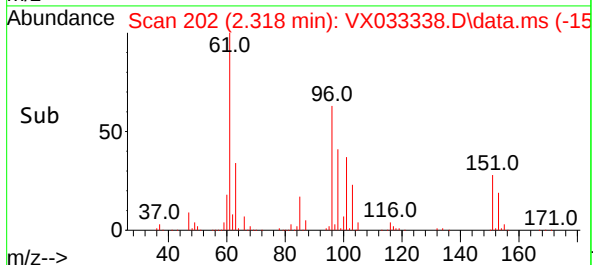
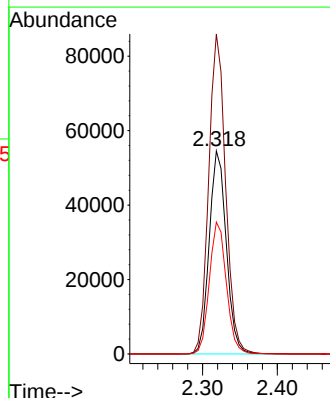
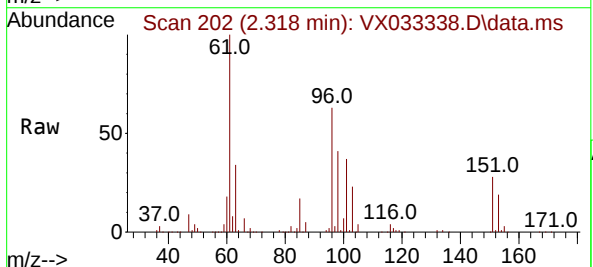
Tgt Ion: 96 Resp: 86484

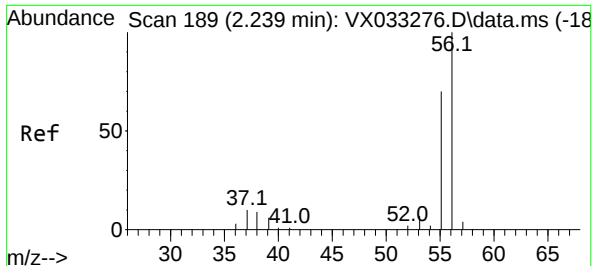
Ion Ratio Lower Upper

96 100

61 157.5 125.1 187.7

98 64.9 50.6 76.0





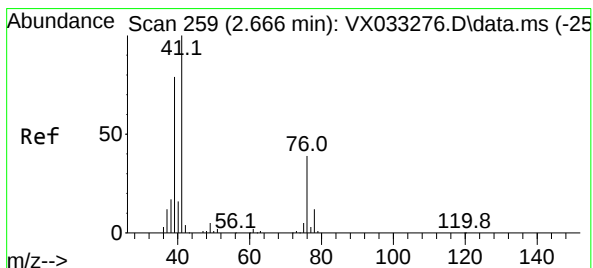
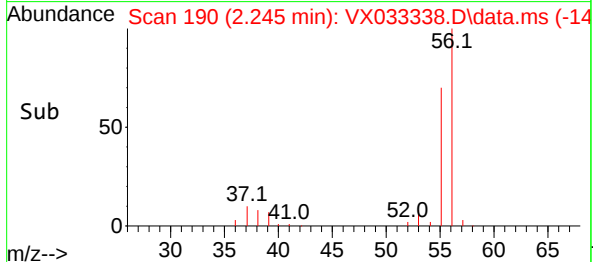
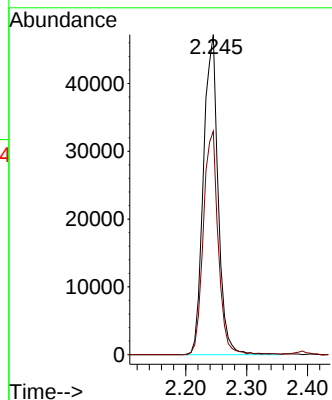
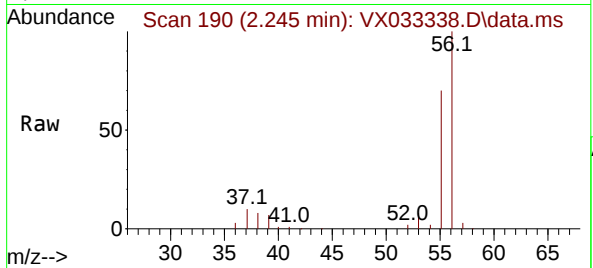
#13
Acrolein
Concen: 196.634 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 79070
Ion Ratio Lower Upper
56 100
55 70.7 56.9 85.3

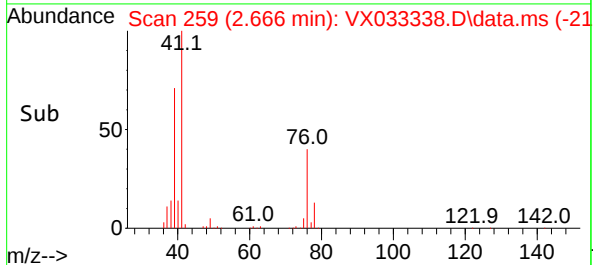
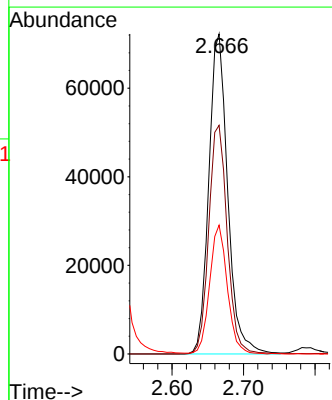
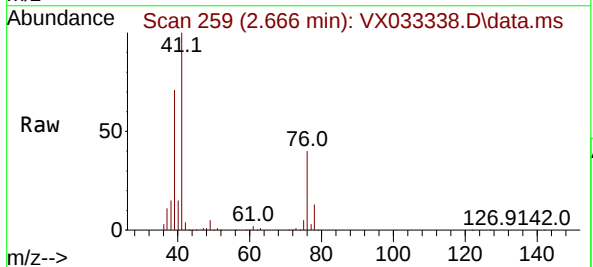
Manual Integrations
APPROVED

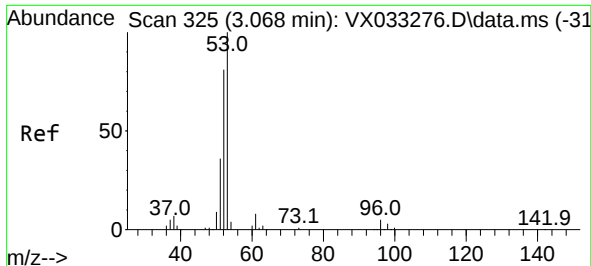
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#14
Allyl chloride
Concen: 48.536 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 41 Resp: 132843
Ion Ratio Lower Upper
41 100
39 69.7 61.4 92.2
76 37.7 29.2 43.8





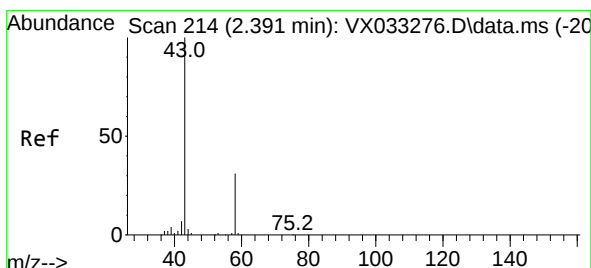
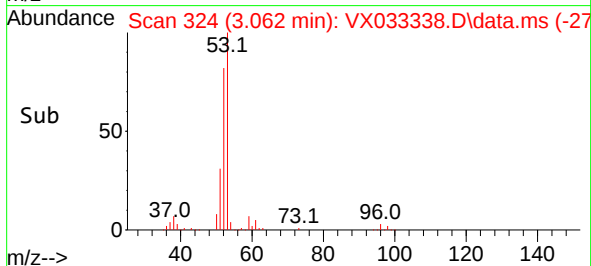
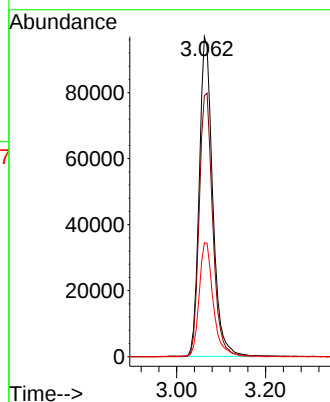
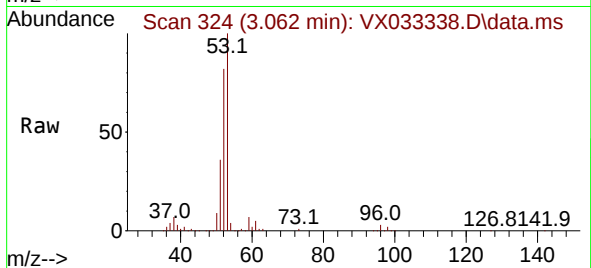
#15
Acrylonitrile
Concen: 221.438 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 20339
Ion Ratio Lower Upper
53 100
52 83.5 67.4 101.0
51 37.5 30.3 45.5

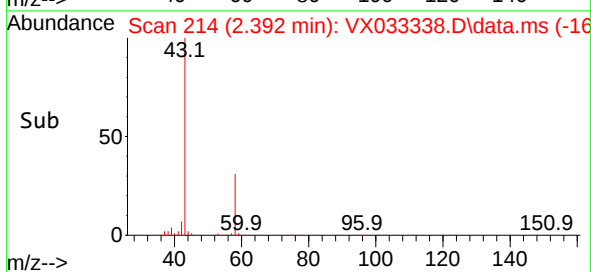
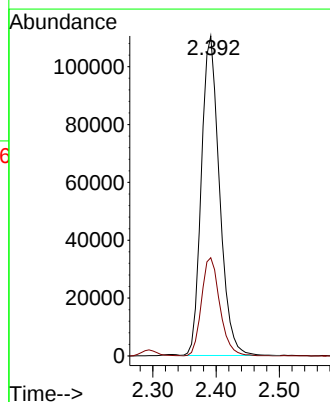
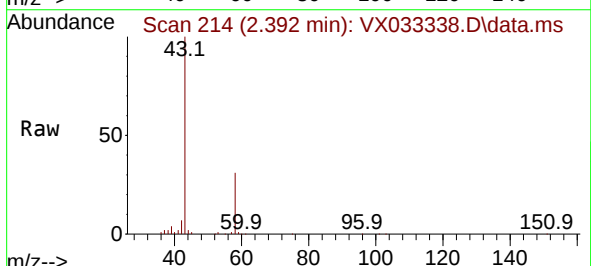
Manual Integrations
APPROVED

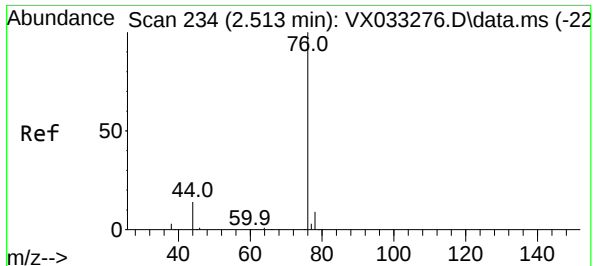
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#16
Acetone
Concen: 245.518 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 43 Resp: 220340
Ion Ratio Lower Upper
43 100
58 30.7 23.8 35.8





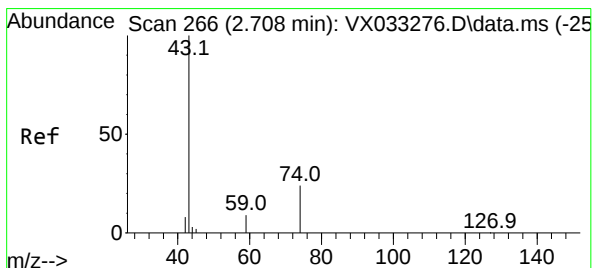
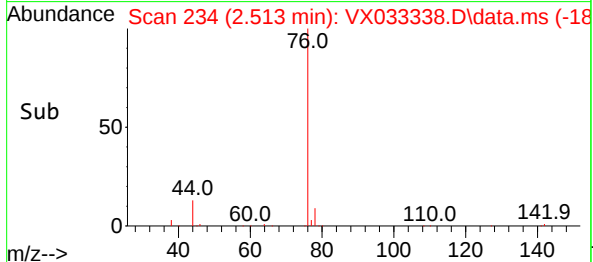
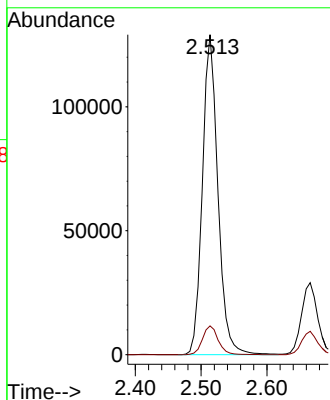
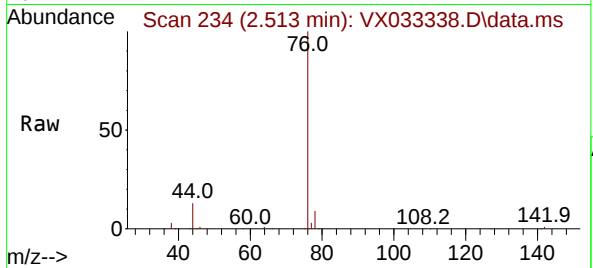
#17
Carbon Disulfide
Concen: 48.132 ug/l
RT: 2.513 min Scan# 21172
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 21172
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

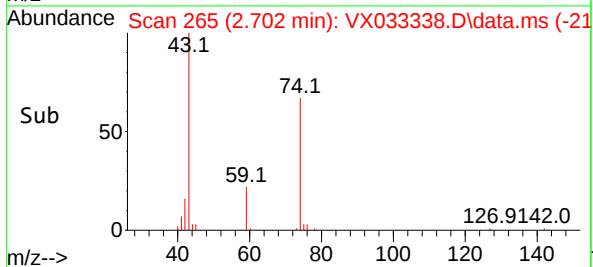
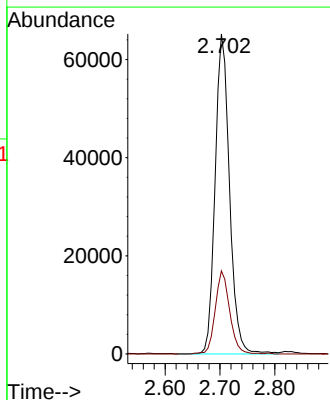
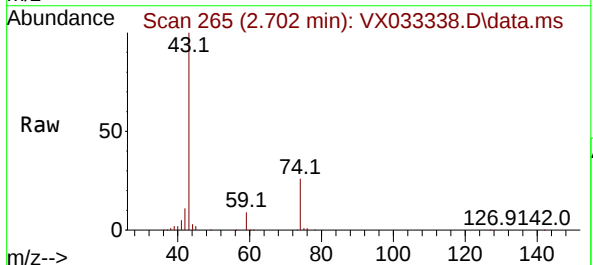
Manual Integrations
APPROVED

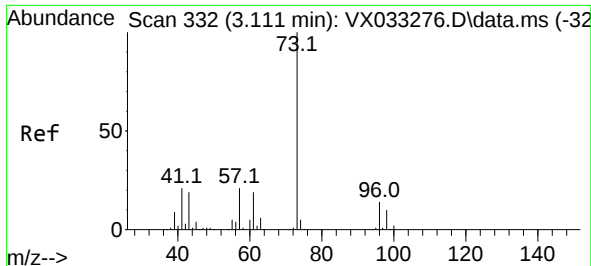
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#18
Methyl Acetate
Concen: 45.801 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 43 Resp: 118992
Ion Ratio Lower Upper
43 100
74 26.0 19.4 29.0





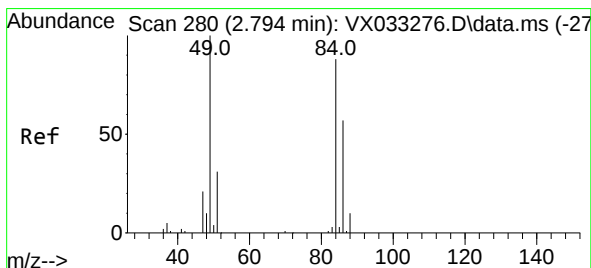
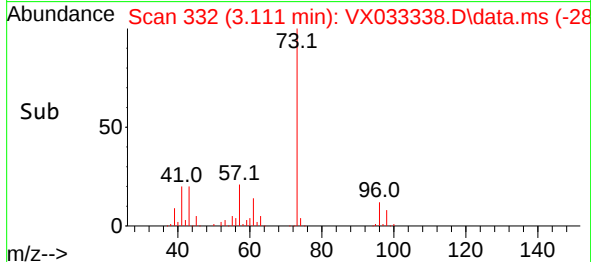
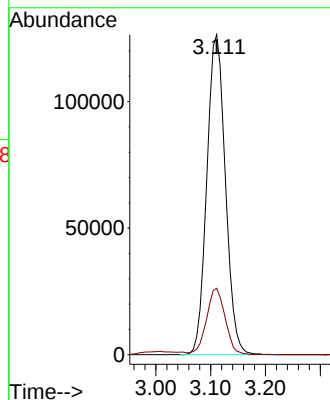
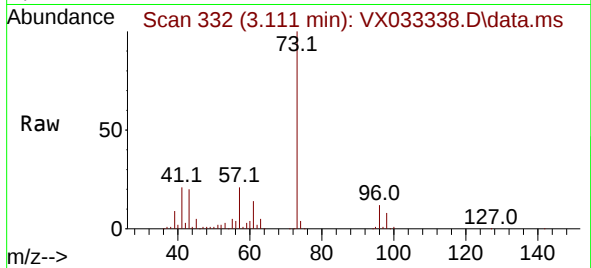
#19
Methyl tert-butyl Ether
Concen: 49.911 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 296300
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

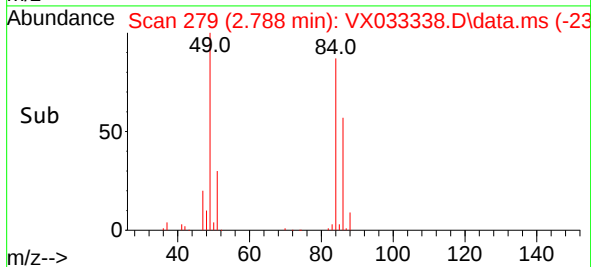
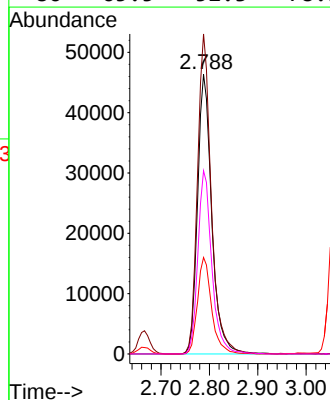
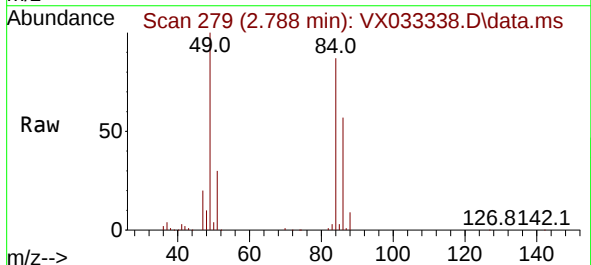
Manual Integrations
APPROVED

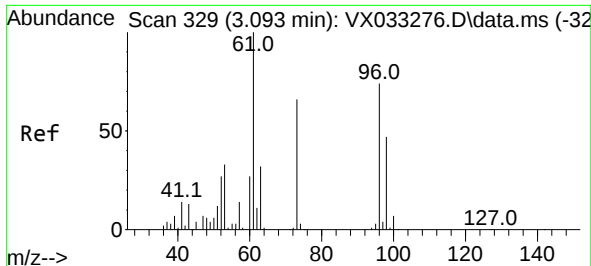
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#20
Methylene Chloride
Concen: 47.203 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

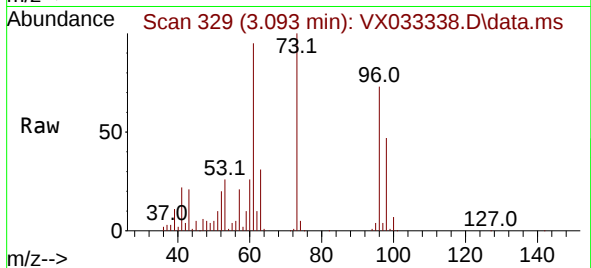
Tgt Ion: 84 Resp: 94476
Ion Ratio Lower Upper
84 100
49 114.5 101.0 151.6
51 34.5 31.1 46.7
86 65.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.738 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

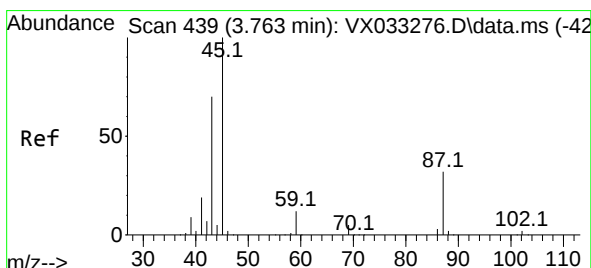
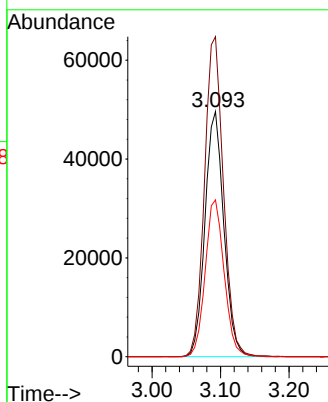
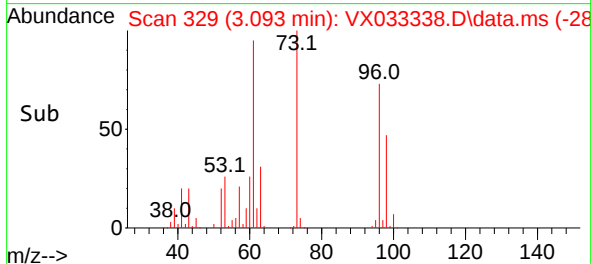
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



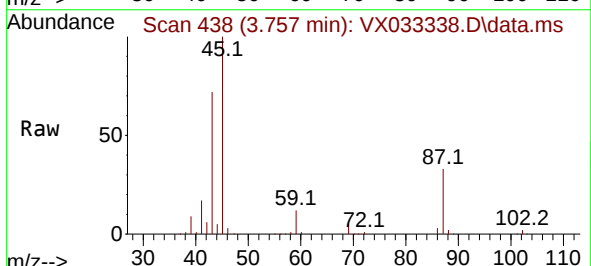
Tgt Ion: 96 Resp: 95124
Ion Ratio Lower Upper
96 100
61 130.5 106.6 160.0
98 64.0 51.0 76.6

Manual Integrations
APPROVED

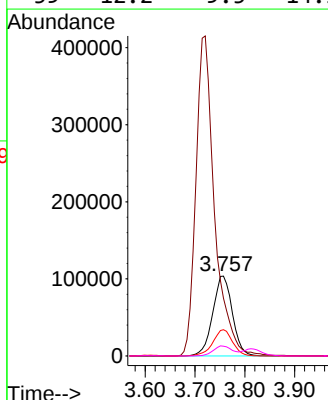
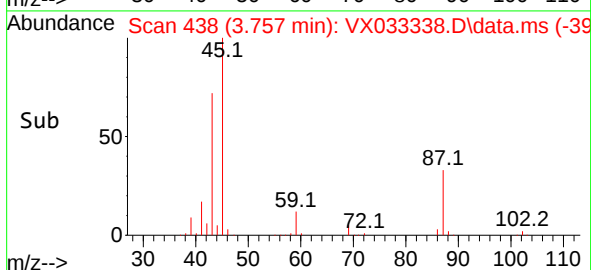
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022

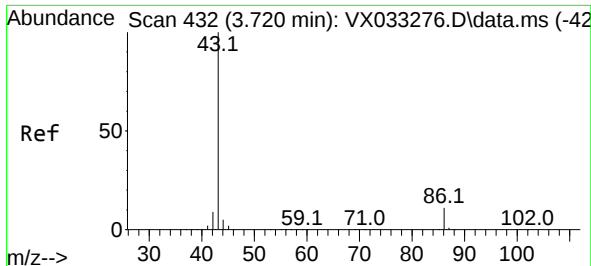


#22
Diisopropyl ether
Concen: 48.287 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26



Tgt Ion: 45 Resp: 283155
Ion Ratio Lower Upper
45 100
43 72.2 56.4 84.6
87 32.8 24.4 36.6
59 12.2 9.5 14.3





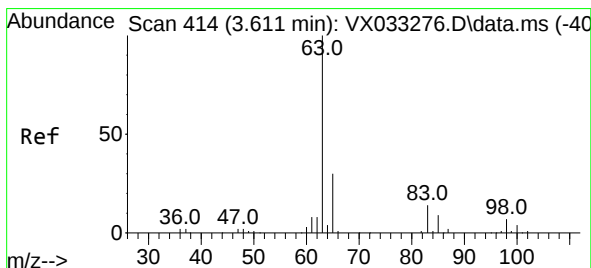
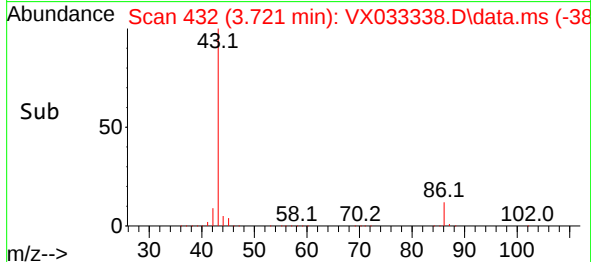
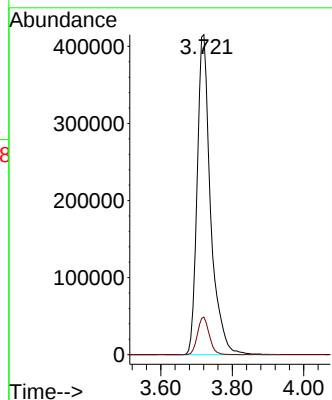
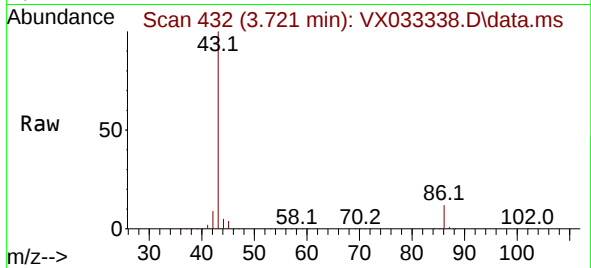
#23
 Vinyl Acetate
 Concen: 237.764 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX033338.D
 Acq: 09 Dec 2022 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1082178
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8

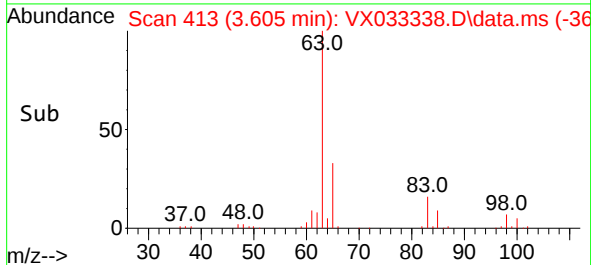
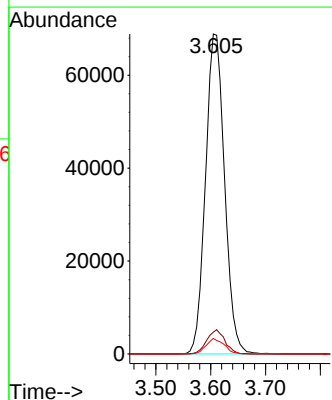
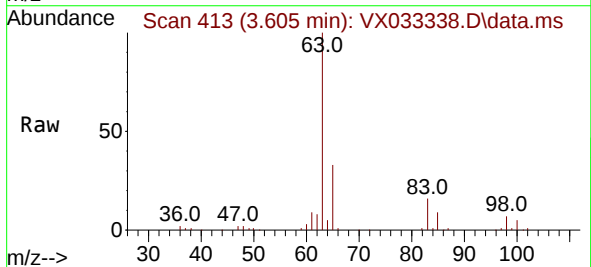
Manual Integrations
 APPROVED

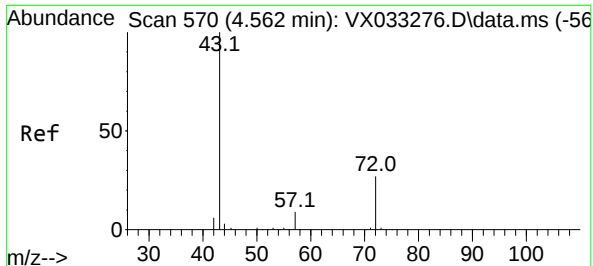
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#24
 1,1-Dichloroethane
 Concen: 48.226 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033338.D
 Acq: 09 Dec 2022 11:26

Tgt Ion: 63 Resp: 166162
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 228.642 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 29454

Ion Ratio Lower Upper

43 100

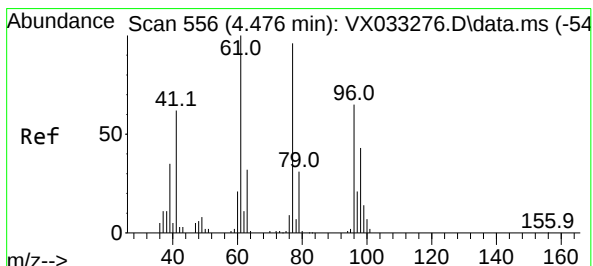
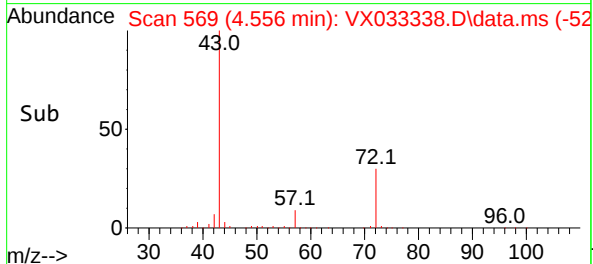
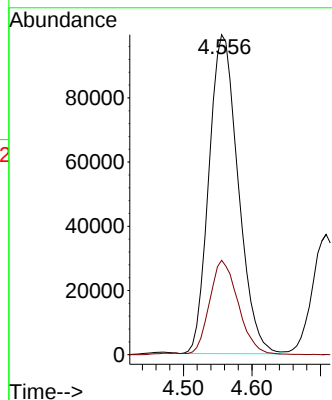
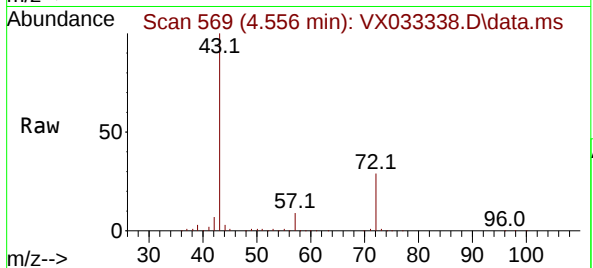
72 29.4 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#26

2,2-Dichloropropane

Concen: 54.207 ug/l

RT: 4.470 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX033338.D

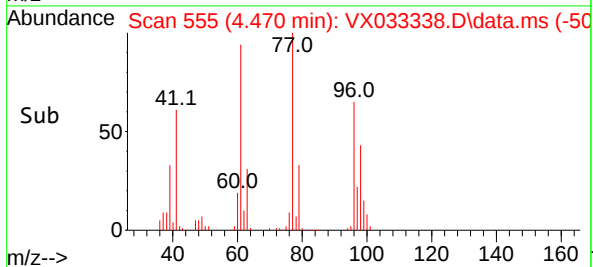
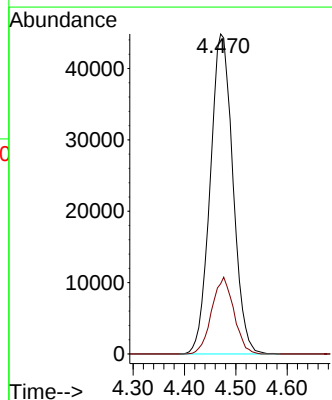
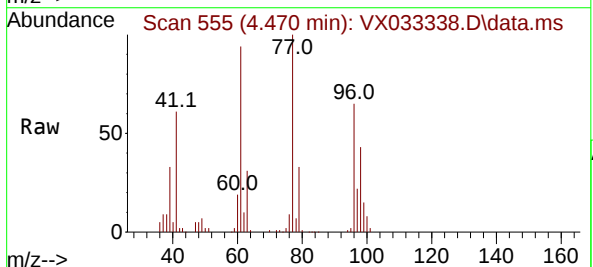
Acq: 09 Dec 2022 11:26

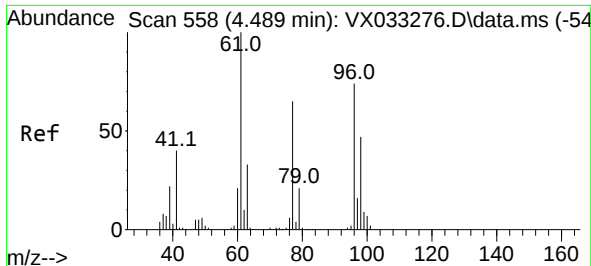
Tgt Ion: 77 Resp: 137349

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.936 ug/l

RT: 4.483 min Scan# 511

Delta R.T. -0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 11188

Ion Ratio Lower Upper

96 100

61 136.2 0.0 286.0

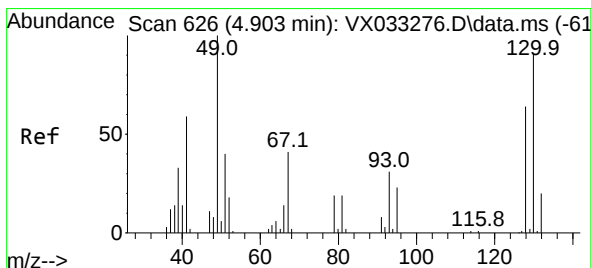
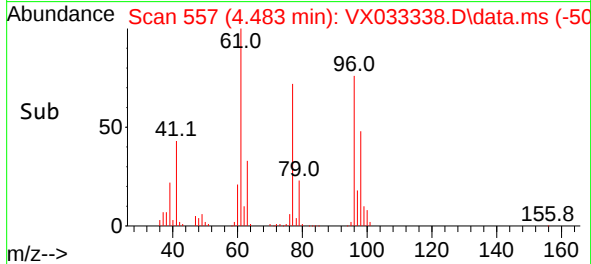
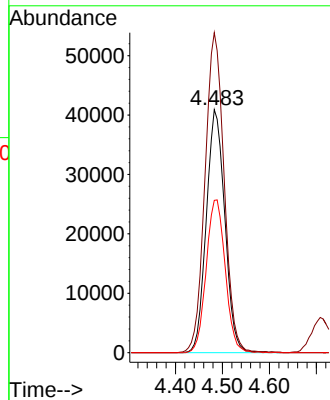
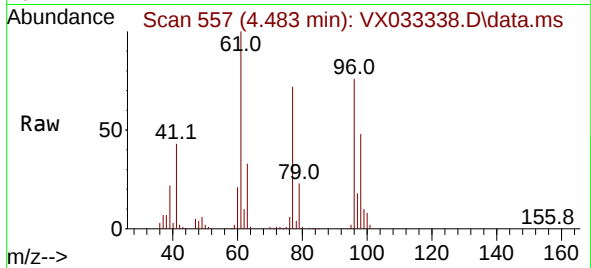
98 64.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#28

Bromochloromethane

Concen: 49.444 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

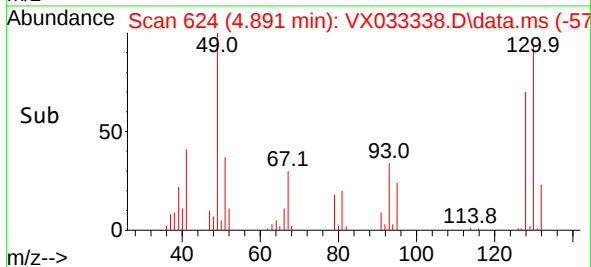
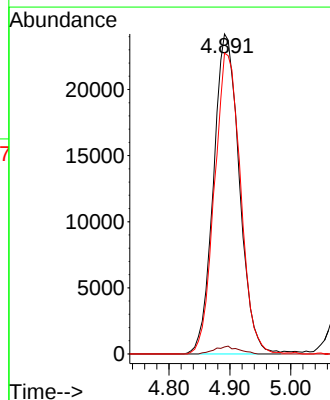
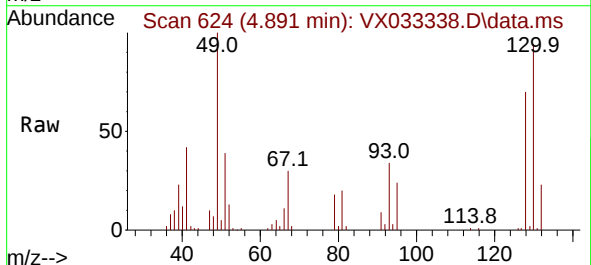
Tgt Ion: 49 Resp: 71313

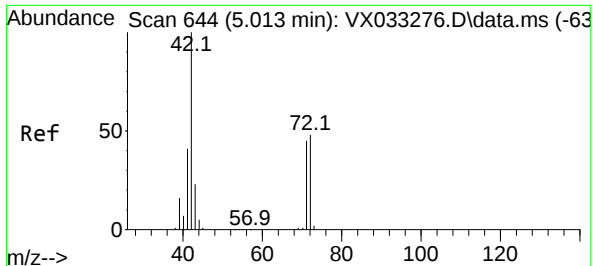
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 94.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 214.366 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 178918

Ion Ratio Lower Upper

42 100

72 49.5 37.6 56.4

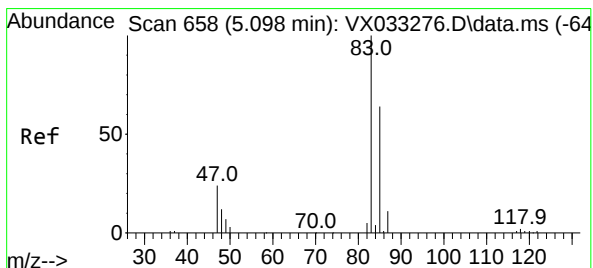
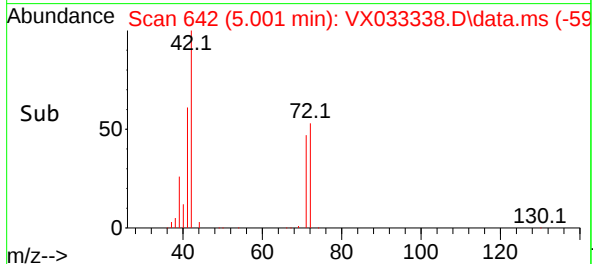
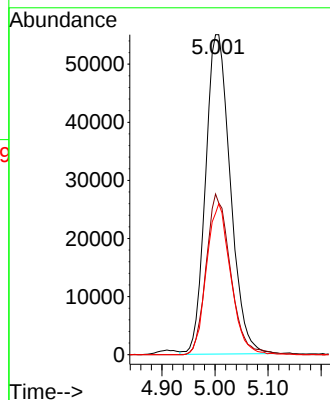
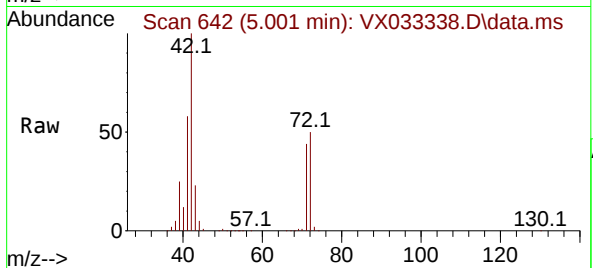
71 46.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#30

Chloroform

Concen: 48.848 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033338.D

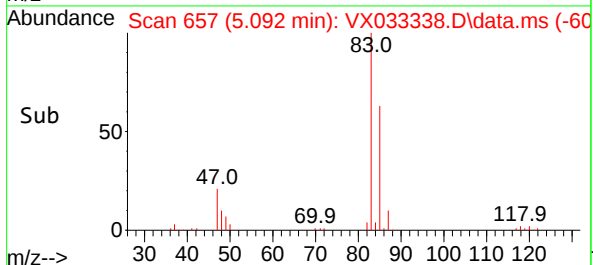
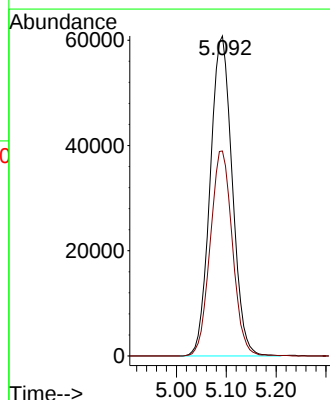
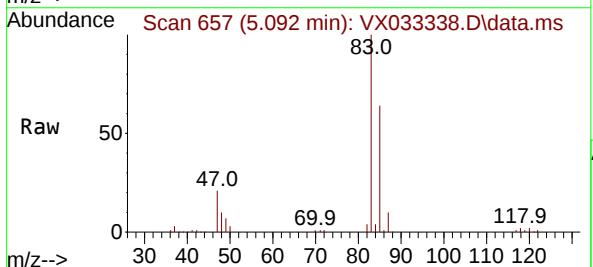
Acq: 09 Dec 2022 11:26

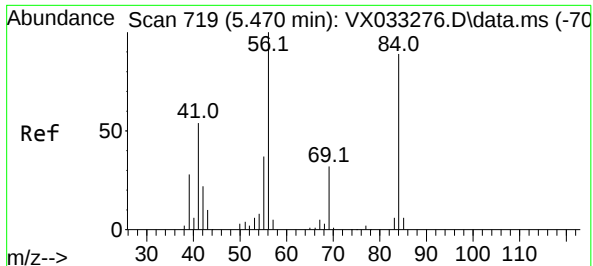
Tgt Ion: 83 Resp: 186848

Ion Ratio Lower Upper

83 100

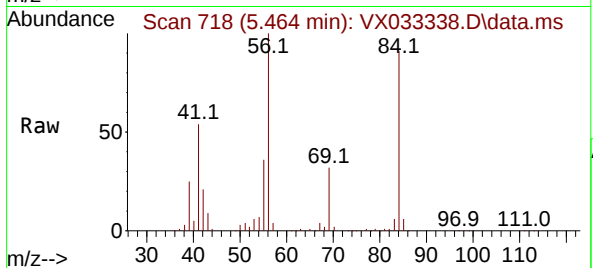
85 64.0 51.1 76.7





#31
Cyclohexane
Concen: 51.763 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

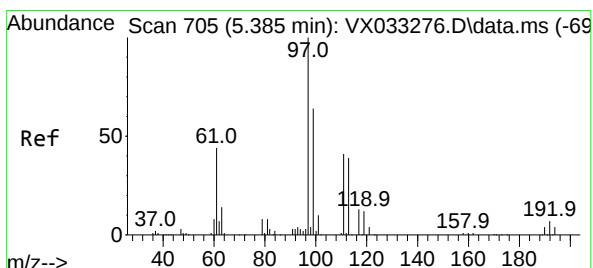
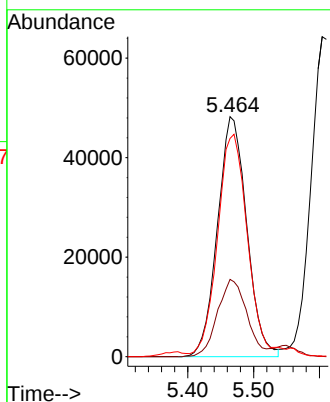
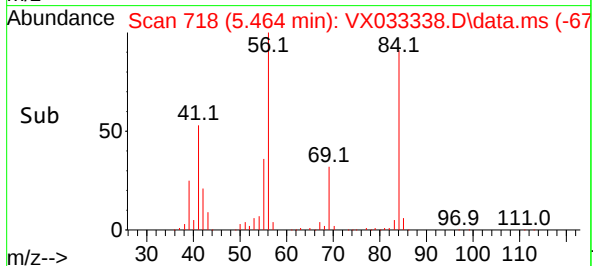
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 149198
Ion Ratio Lower Upper
56 100
69 32.2 24.1 36.1
84 88.8 66.9 100.3

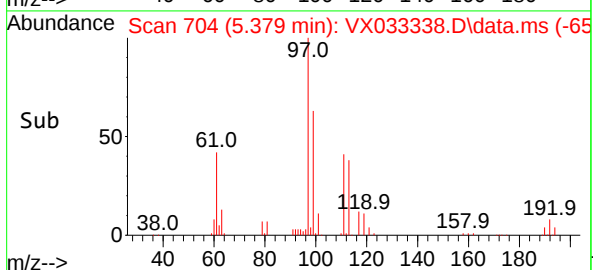
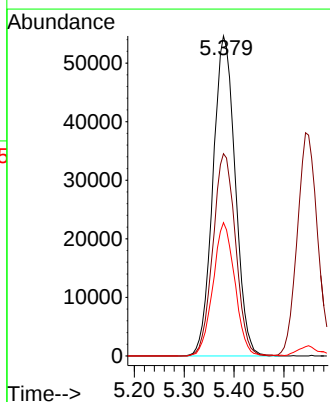
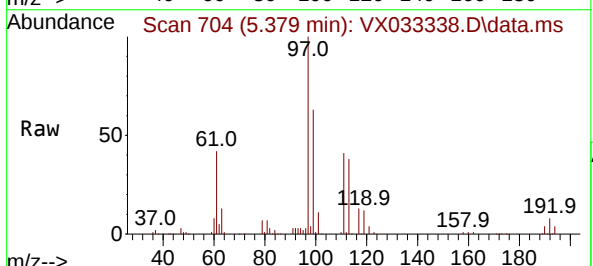
Manual Integrations
APPROVED

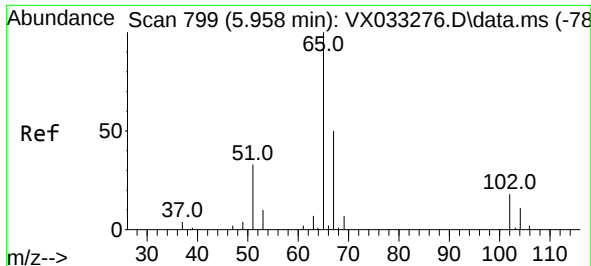
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#32
1,1,1-Trichloroethane
Concen: 51.513 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 97 Resp: 169534
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 40.9 35.2 52.8





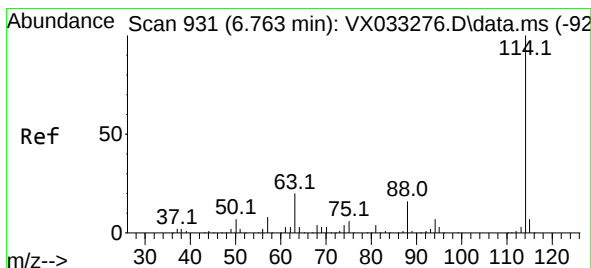
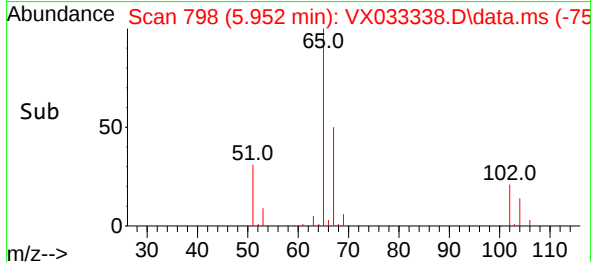
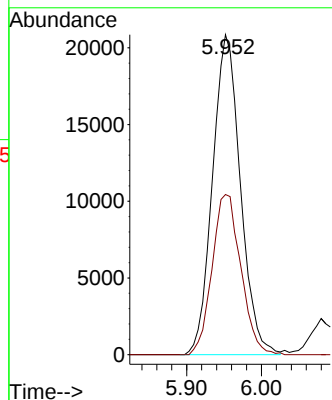
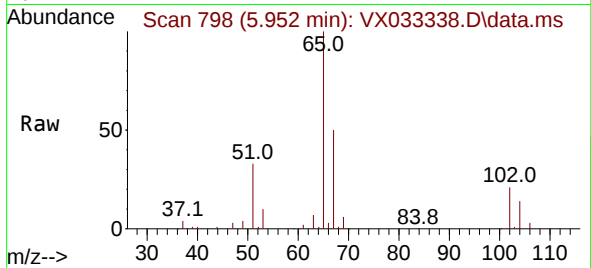
#33
1,2-Dichloroethane-d4
Concen: 44.651 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 54154
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

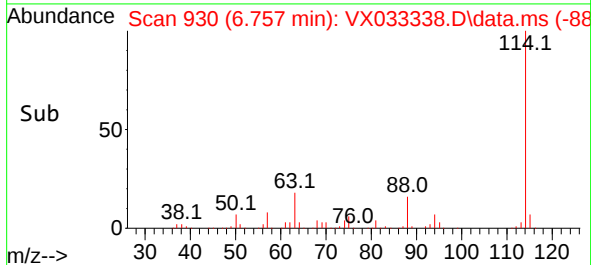
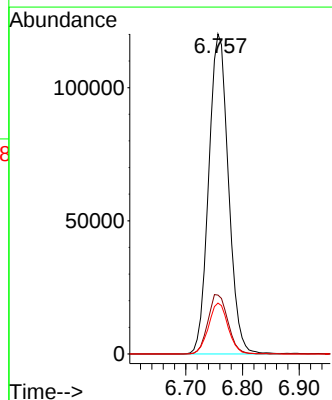
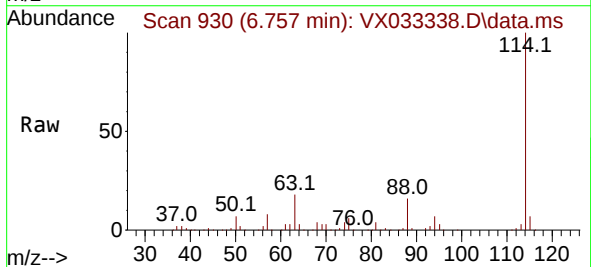
Manual Integrations
APPROVED

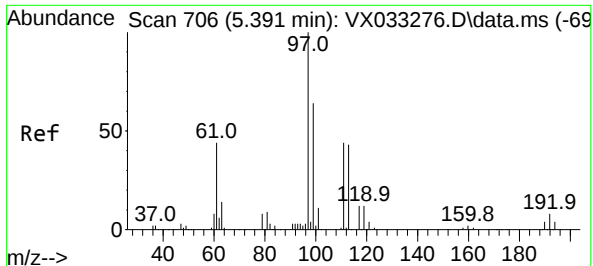
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

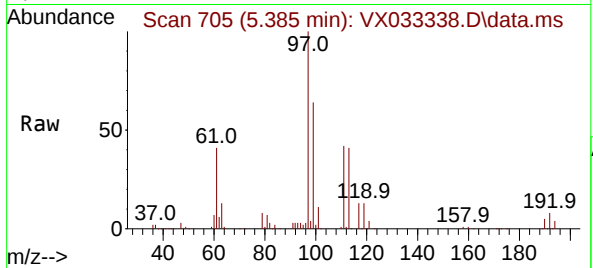
Tgt Ion:114 Resp: 290436
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.6
88 15.9 0.0 33.4





#35
Dibromofluoromethane
Concen: 48.394 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

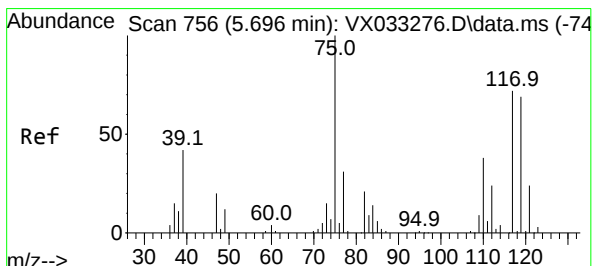
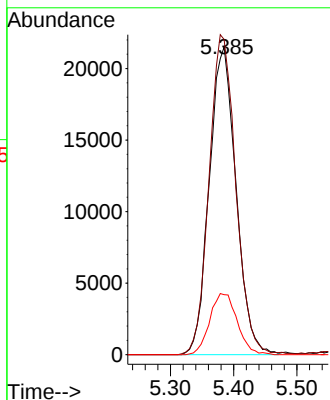
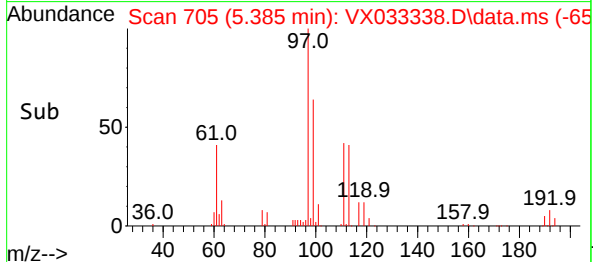
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 63218
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 20.4 15.4 23.2

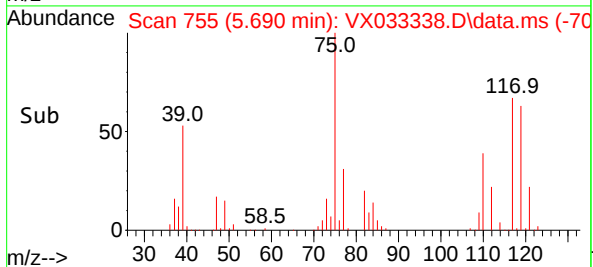
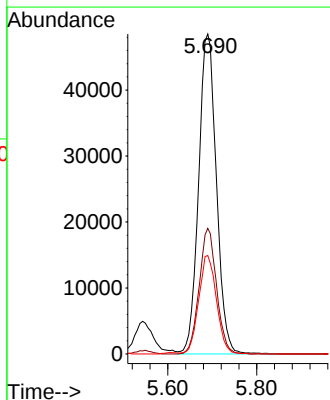
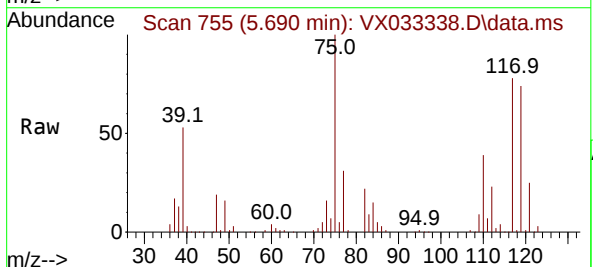
Manual Integrations
APPROVED

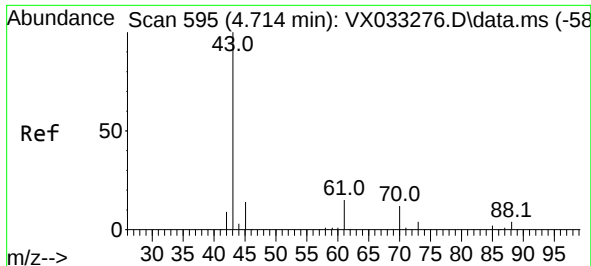
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#36
1,1-Dichloropropene
Concen: 53.127 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 75 Resp: 135309
Ion Ratio Lower Upper
75 100
110 38.3 18.4 55.2
77 30.7 24.5 36.7





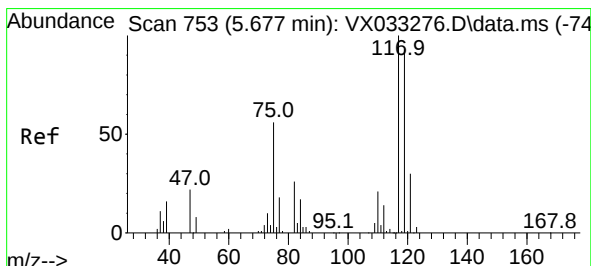
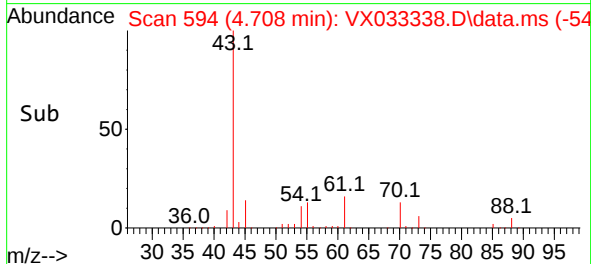
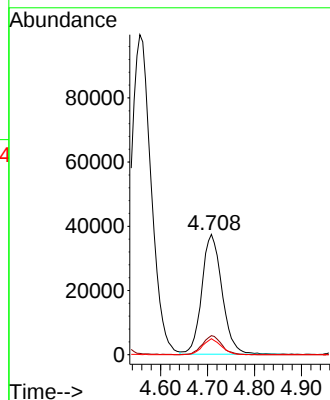
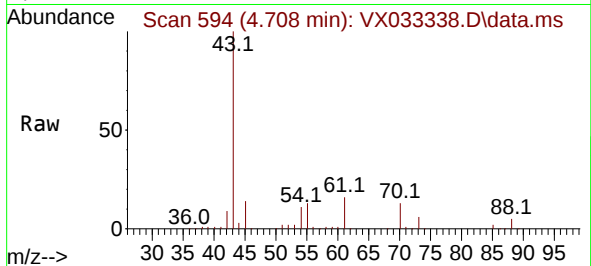
#37
Ethyl Acetate
Concen: 46.455 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 11184
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 12.2 9.1 13.7

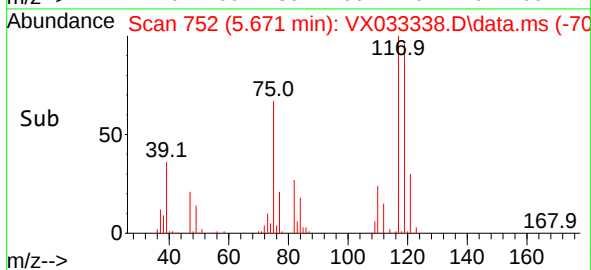
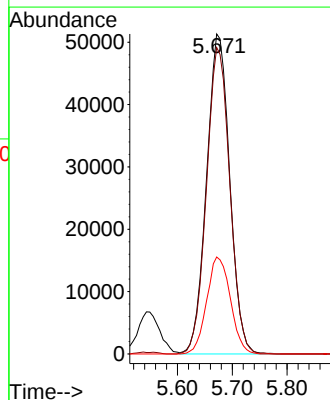
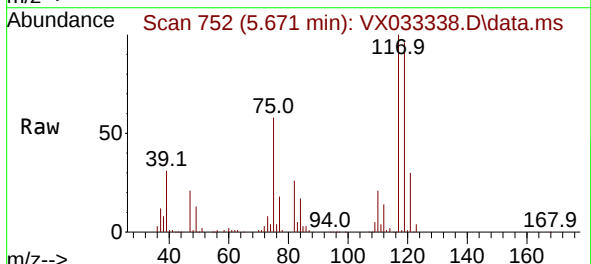
Manual Integrations
APPROVED

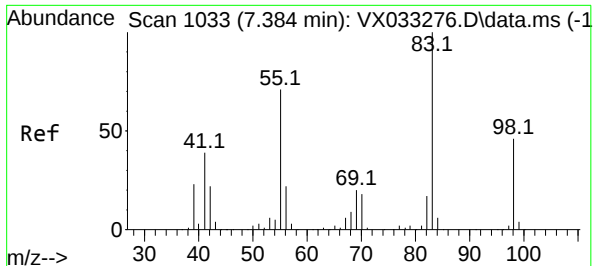
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#38
Carbon Tetrachloride
Concen: 52.808 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion:117 Resp: 150691
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 57.122 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 16284

Ion Ratio Lower Upper

83 100

55 70.8 58.4 87.6

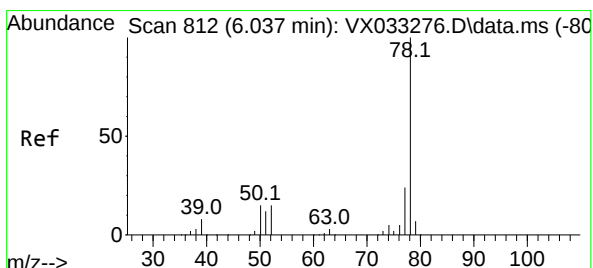
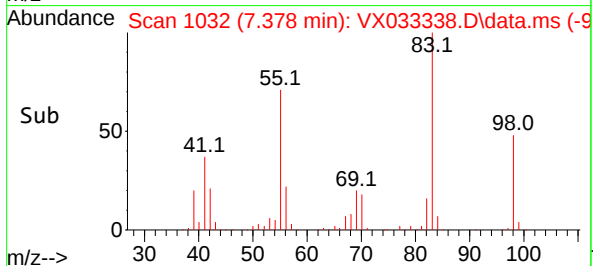
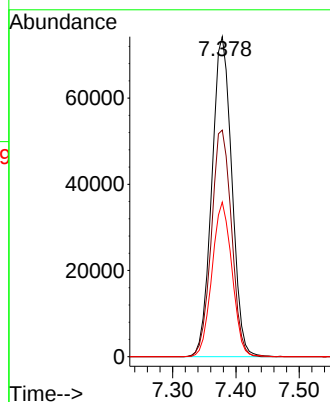
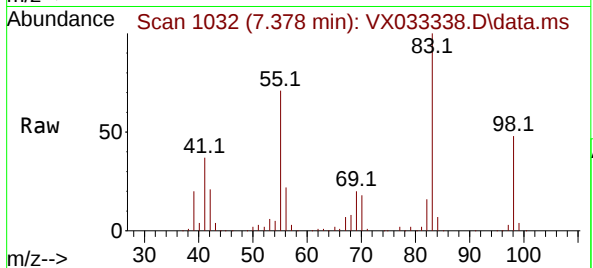
98 48.3 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#40

Benzene

Concen: 51.380 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX033338.D

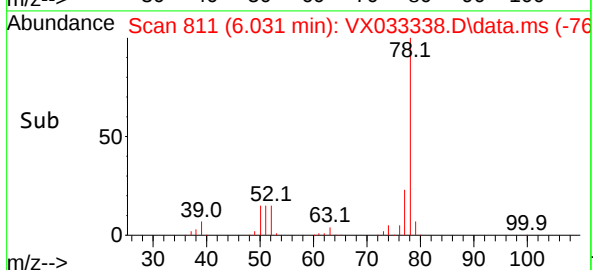
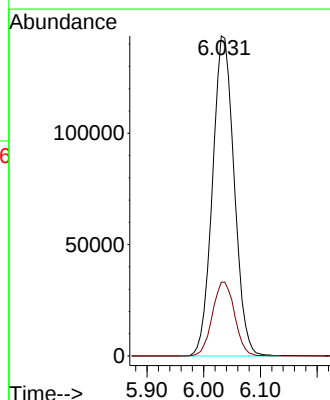
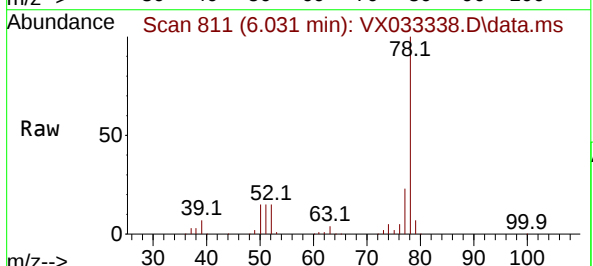
Acq: 09 Dec 2022 11:26

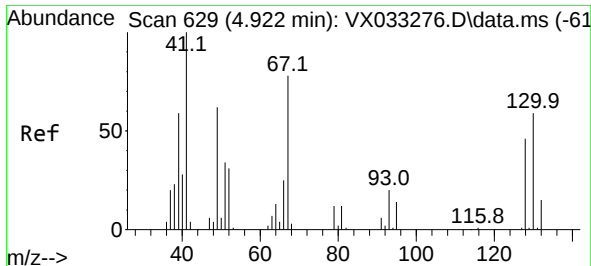
Tgt Ion: 78 Resp: 381542

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4





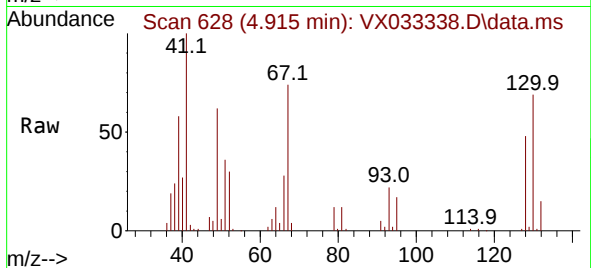
#41
Methacrylonitrile
Concen: 48.732 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



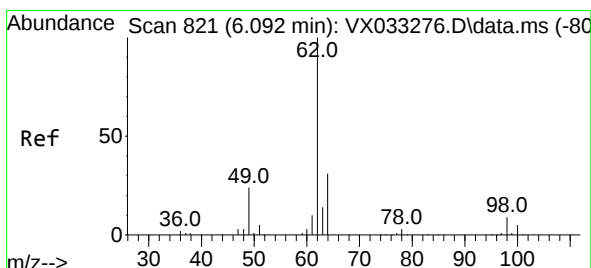
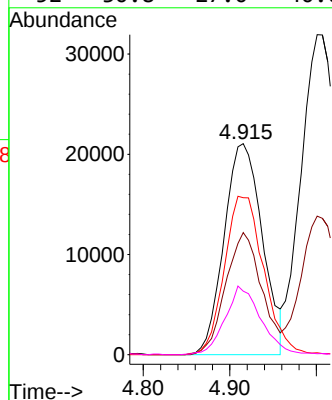
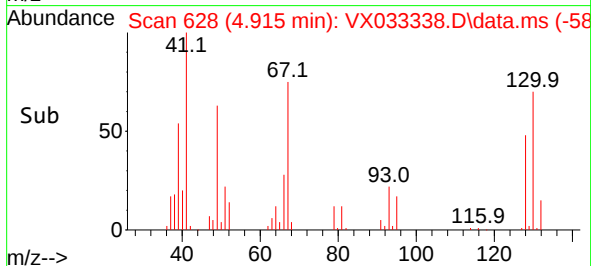
Tgt Ion: 41 Resp: 6465
Ion Ratio Lower Upper
41 100
39 54.5 47.5 71.3
67 77.4 60.5 90.7
52 30.8 27.0 40.6

Manual Integrations

APPROVED

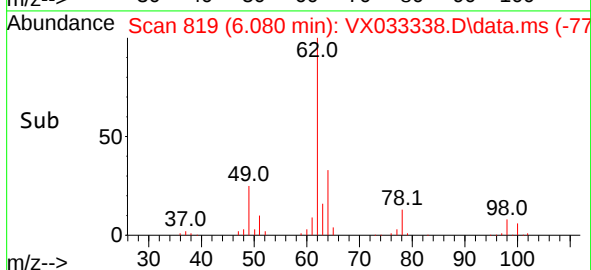
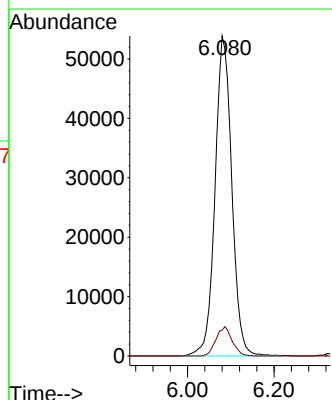
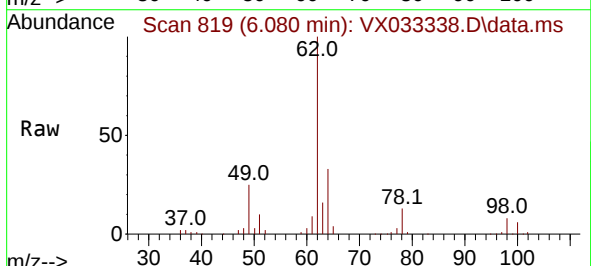
Reviewed By :John Carlone 12/09/2022

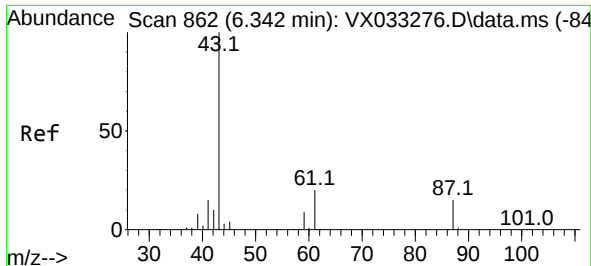
Supervised By :Mahesh Dadoda 12/12/2022



#42
1,2-Dichloroethane
Concen: 49.096 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

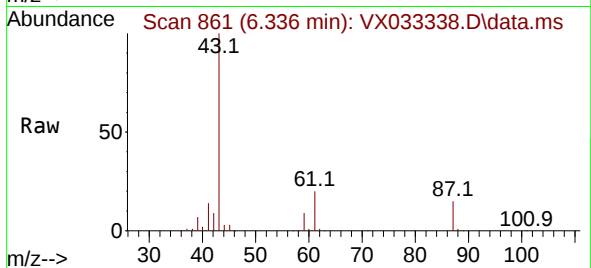
Tgt Ion: 62 Resp: 144776
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.747 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

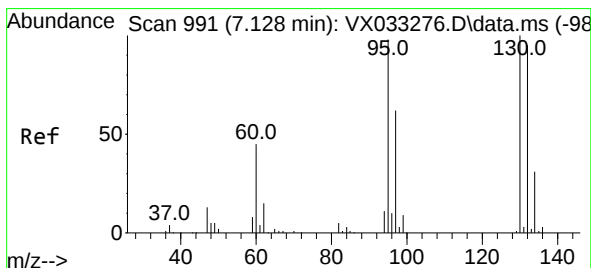
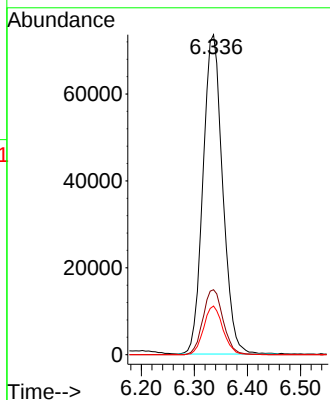
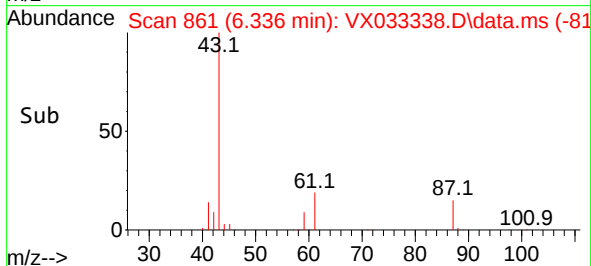
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 18883
Ion Ratio Lower Upper
43 100
61 20.9 15.4 23.0
87 15.0 10.8 16.2

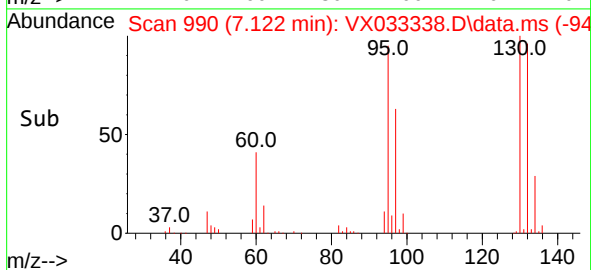
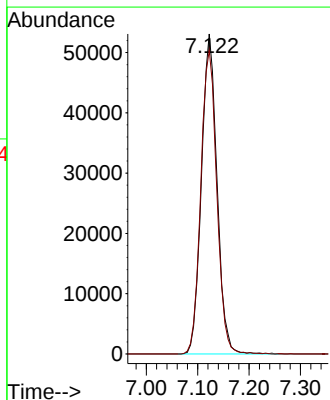
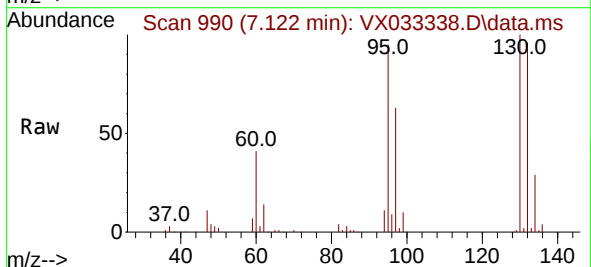
Manual Integrations
APPROVED

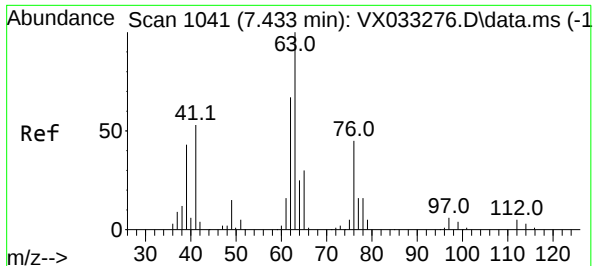
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#44
Trichloroethene
Concen: 54.547 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion:130 Resp: 111679
Ion Ratio Lower Upper
130 100
95 94.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 50.388 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 95694

Ion Ratio Lower Upper

63 100

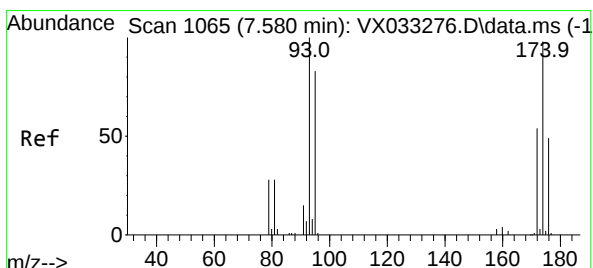
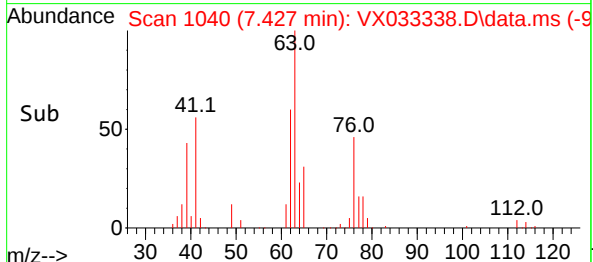
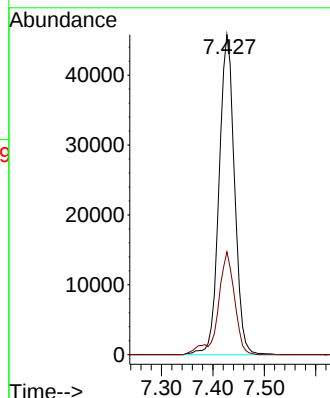
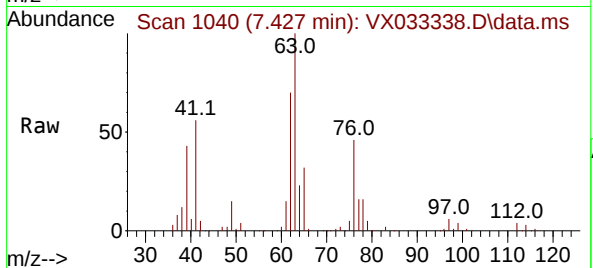
65 32.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#46

Dibromomethane

Concen: 49.831 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

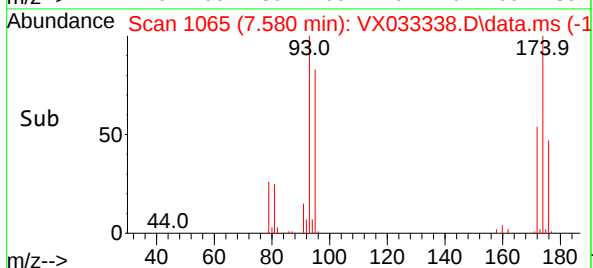
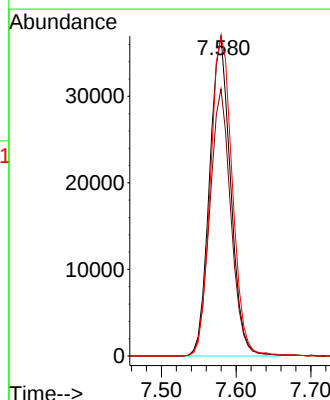
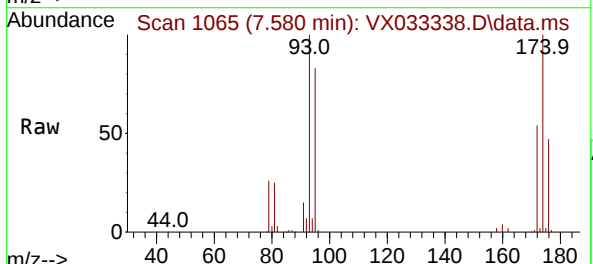
Tgt Ion: 93 Resp: 72092

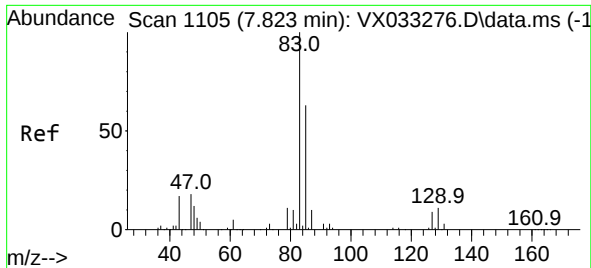
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.8

174 104.2 79.8 119.6





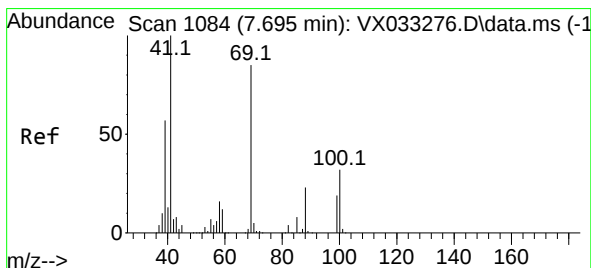
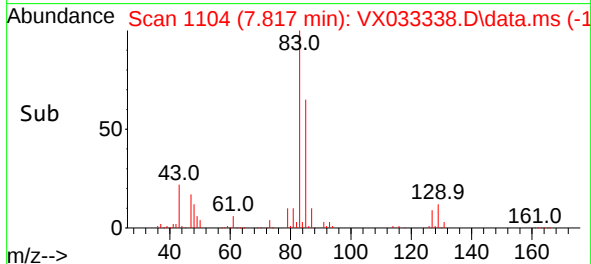
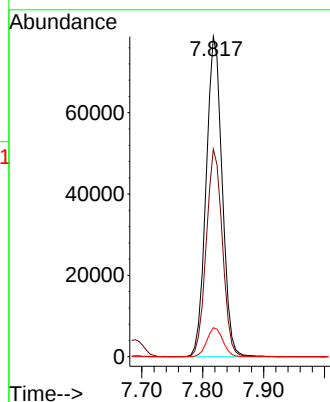
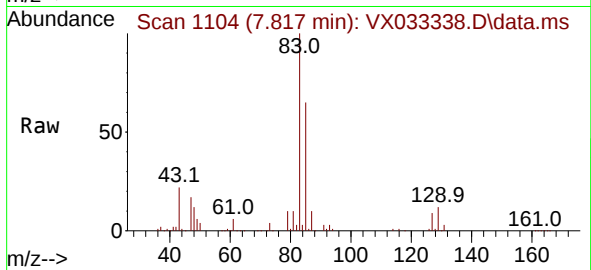
#47
Bromodichloromethane
Concen: 51.050 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 14396
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4
127 9.1 7.4 11.2

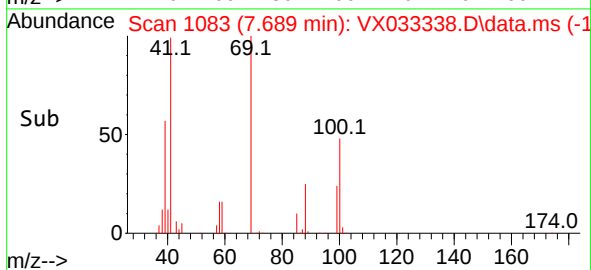
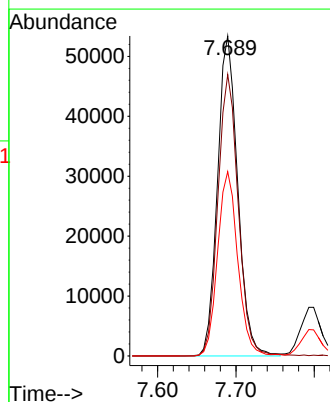
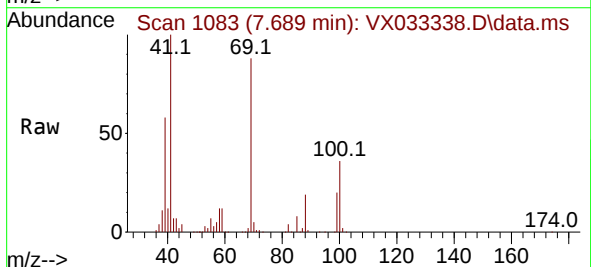
Manual Integrations
APPROVED

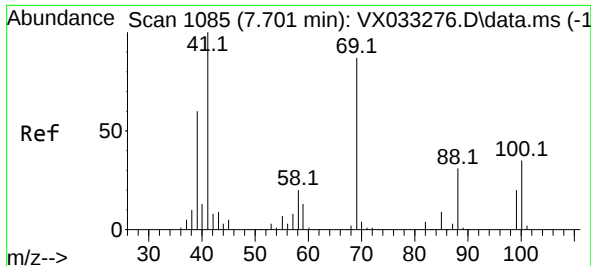
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#48
Methyl methacrylate
Concen: 47.932 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 41 Resp: 95827
Ion Ratio Lower Upper
41 100
69 88.6 65.1 97.7
39 57.7 51.9 77.9





#49

1,4-Dioxane

Concen: 992.865 ug/l

RT: 7.708 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

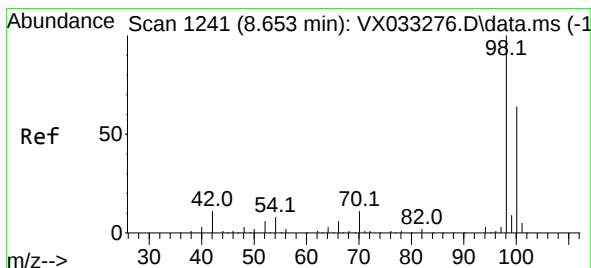
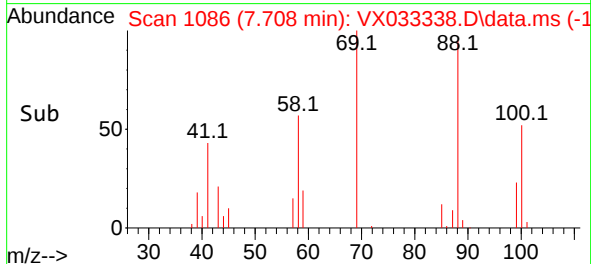
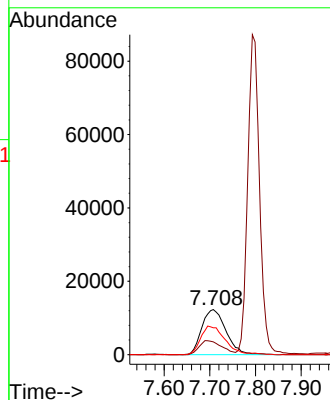
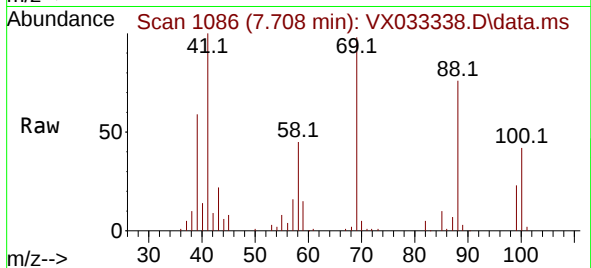
Tgt Ion: 88 Resp: 45264
 Ion Ratio Lower Upper
 88 100
 43 29.1 26.6 39.8
 58 64.2 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#50

Toluene-d8

Concen: 51.474 ug/l

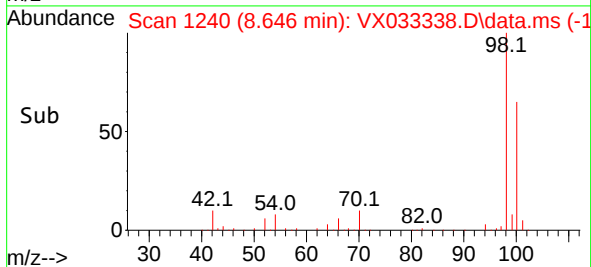
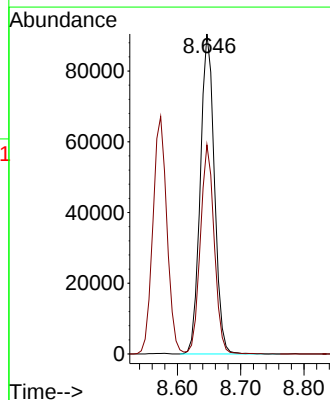
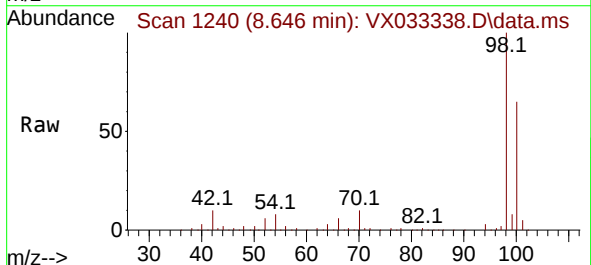
RT: 8.646 min Scan# 1240

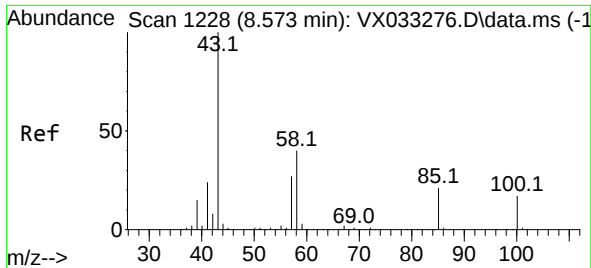
Delta R.T. -0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Tgt Ion: 98 Resp: 140667
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3





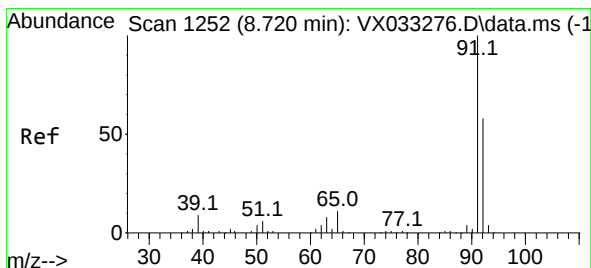
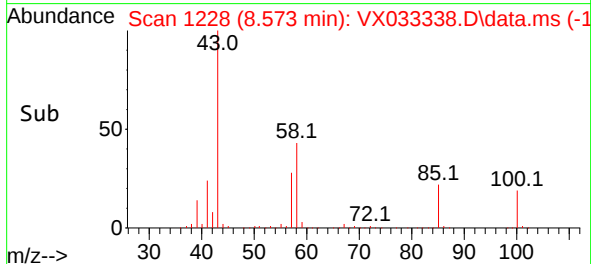
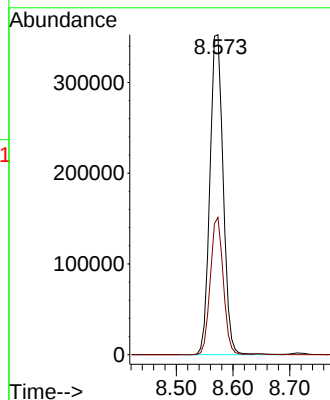
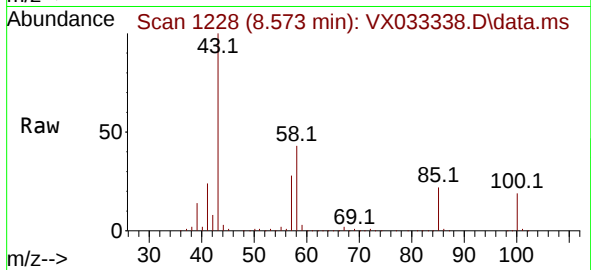
#51
4-Methyl-2-Pentanone
Concen: 234.101 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 57347
Ion Ratio Lower Upper
43 100
58 41.7 30.9 46.3

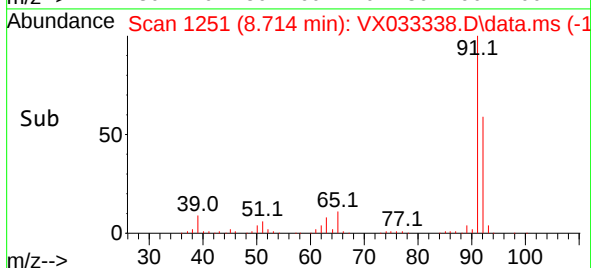
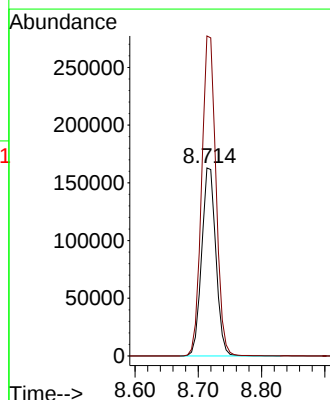
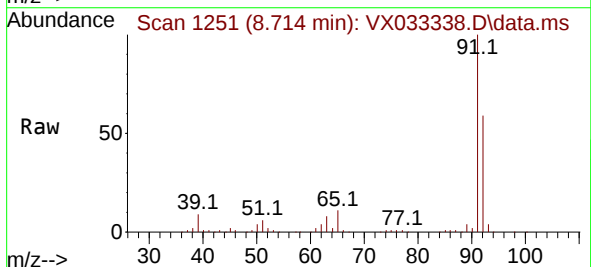
Manual Integrations
APPROVED

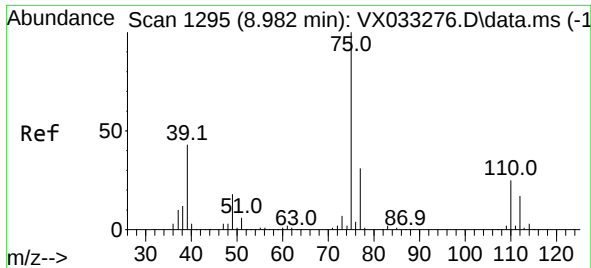
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#52
Toluene
Concen: 53.071 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 92 Resp: 254808
Ion Ratio Lower Upper
92 100
91 171.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 49.346 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 149390

Ion Ratio Lower Upper

75 100

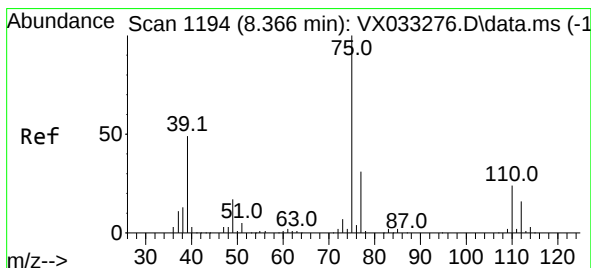
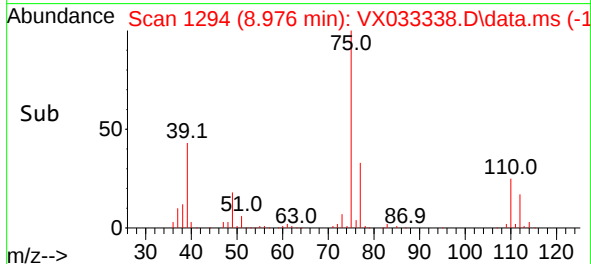
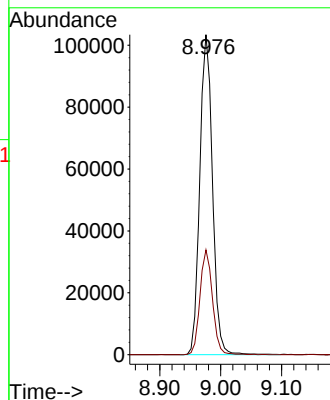
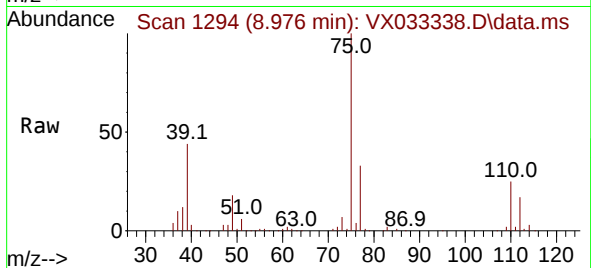
77 32.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#54

cis-1,3-Dichloropropene

Concen: 54.614 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

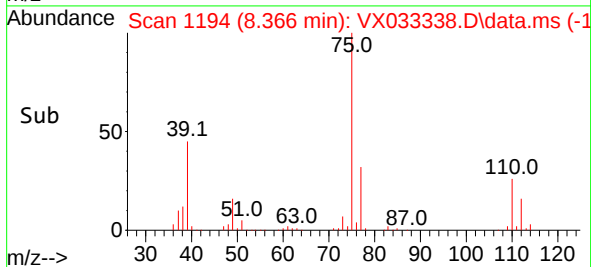
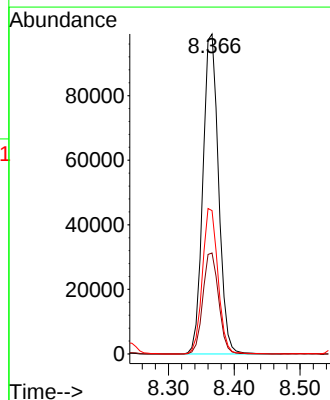
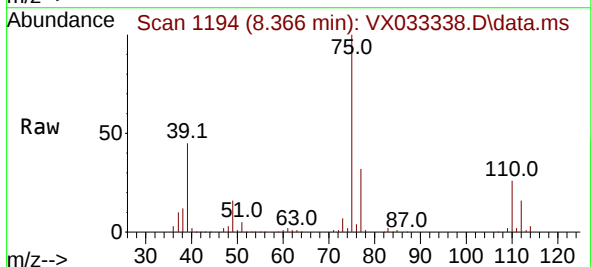
Tgt Ion: 75 Resp: 163894

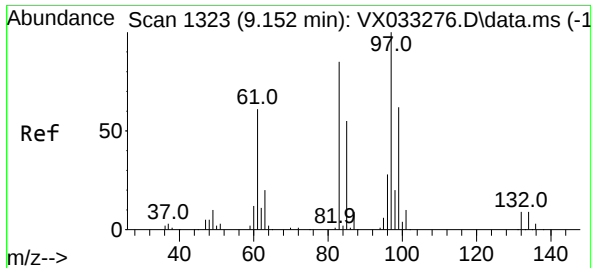
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

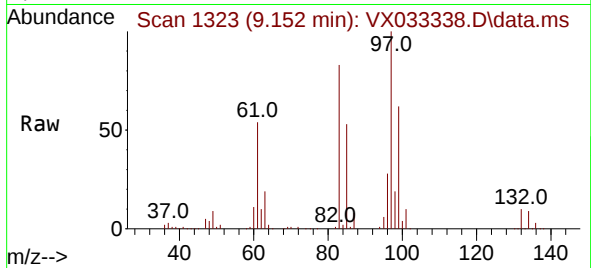
39 44.8 45.5 68.3#





#55
1,1,2-Trichloroethane
Concen: 51.245 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

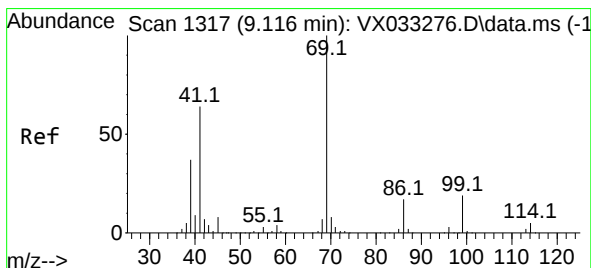
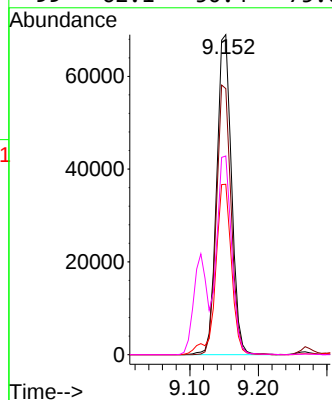
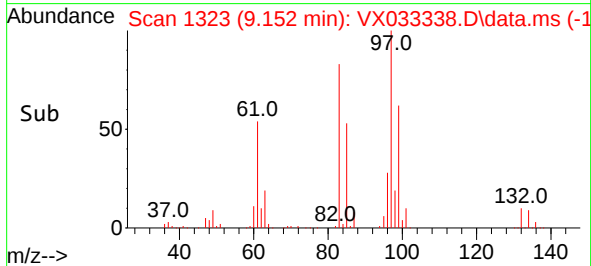
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



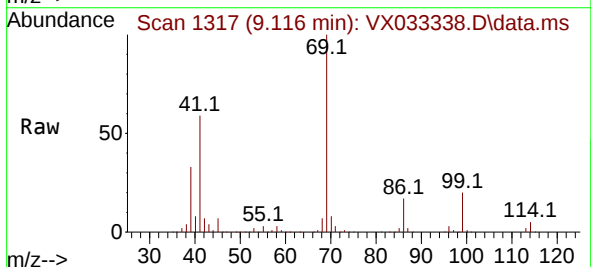
Tgt Ion: 97 Resp: 103424
Ion Ratio Lower Upper
97 100
83 83.2 68.1 102.1
85 53.2 43.3 64.9
99 62.1 50.4 75.6

Manual Integrations
APPROVED

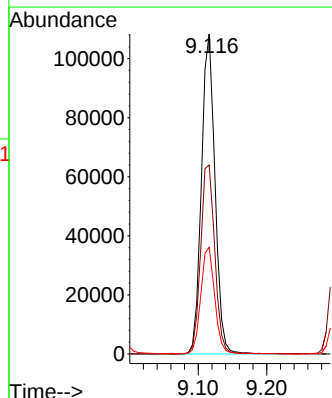
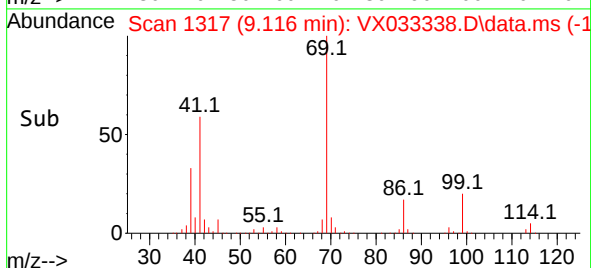
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022

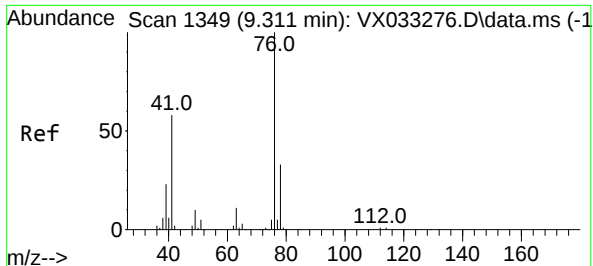


#56
Ethyl methacrylate
Concen: 52.586 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26



Tgt Ion: 69 Resp: 149428
Ion Ratio Lower Upper
69 100
41 62.0 54.3 81.5
39 34.1 35.2 52.8





#57

1,3-Dichloropropane

Concen: 50.530 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 163828

Ion Ratio Lower Upper

76 100

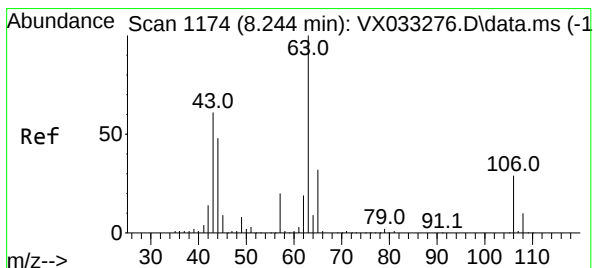
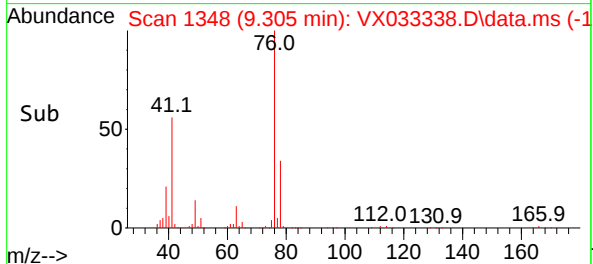
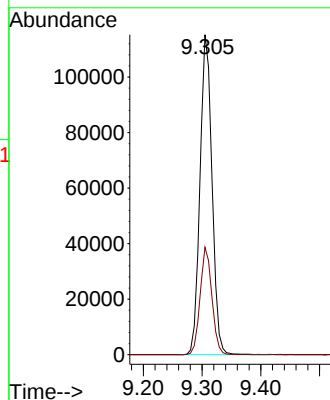
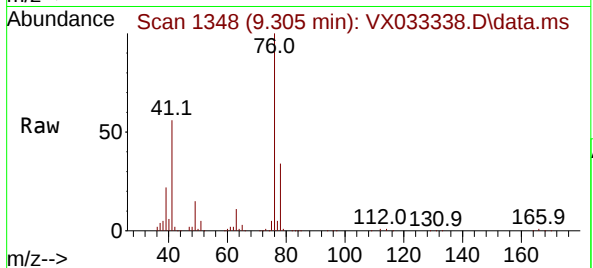
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 229.254 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033338.D

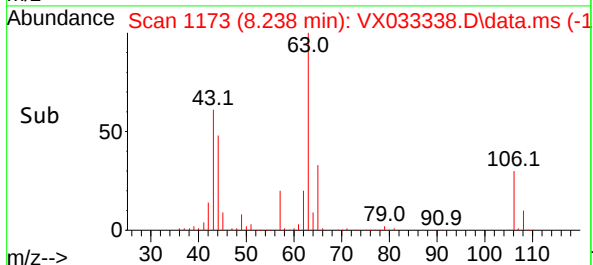
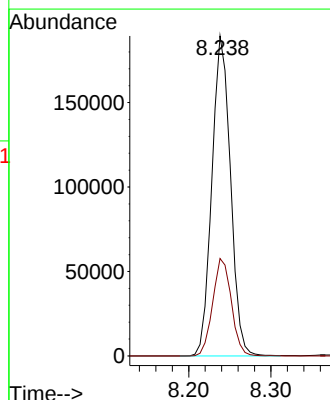
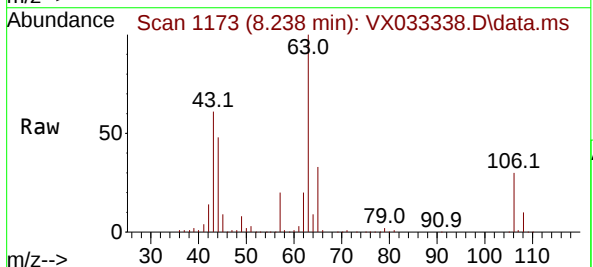
Acq: 09 Dec 2022 11:26

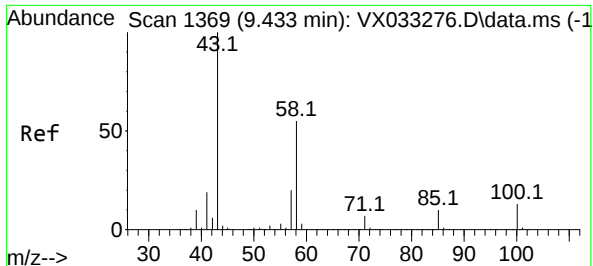
Tgt Ion: 63 Resp: 298079

Ion Ratio Lower Upper

63 100

106 30.5 23.3 34.9





#59

2-Hexanone

Concen: 238.201 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 430010

Ion Ratio Lower Upper

43 100

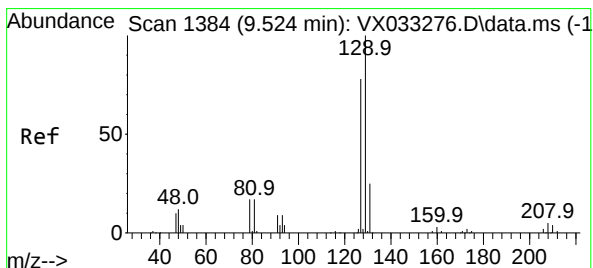
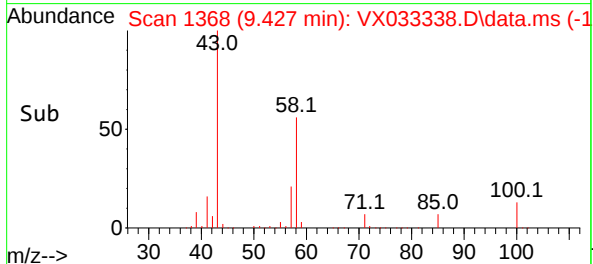
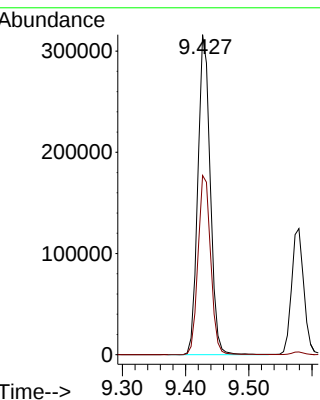
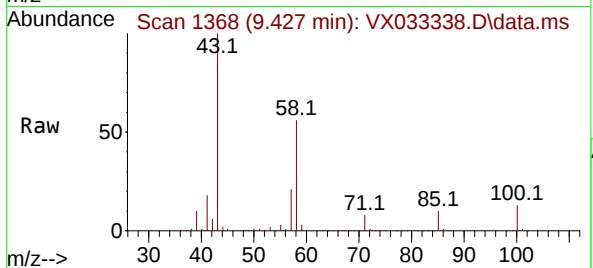
58 57.4 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#60

Dibromochloromethane

Concen: 52.160 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033338.D

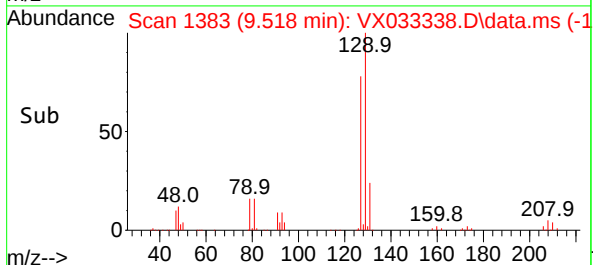
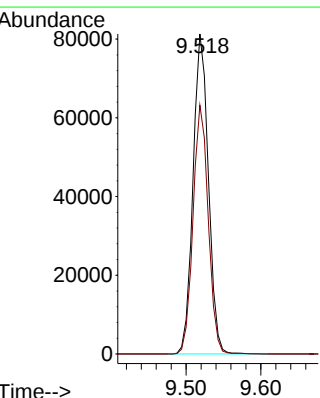
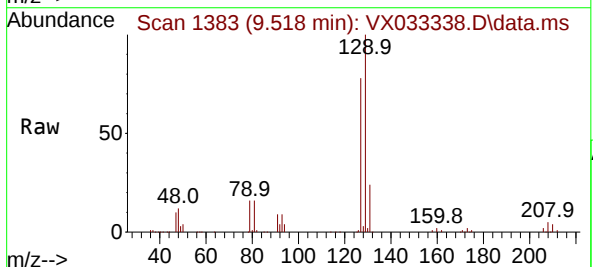
Acq: 09 Dec 2022 11:26

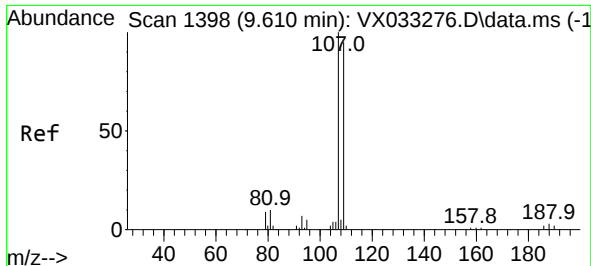
Tgt Ion:129 Resp: 115987

Ion Ratio Lower Upper

129 100

127 77.0 38.6 115.8





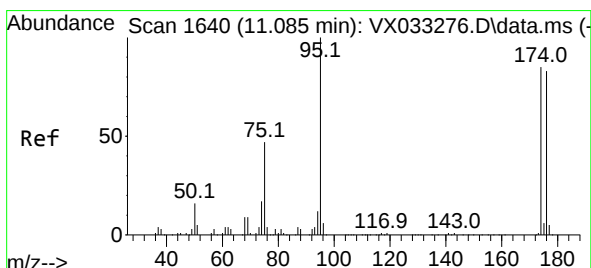
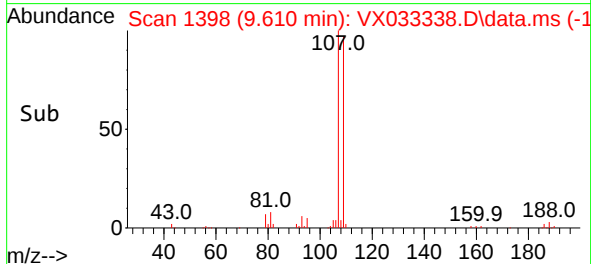
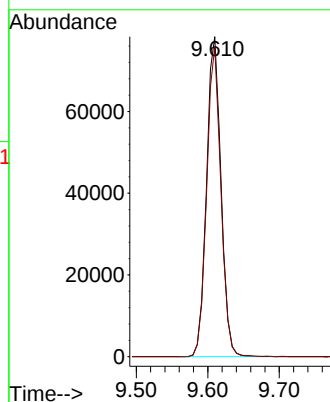
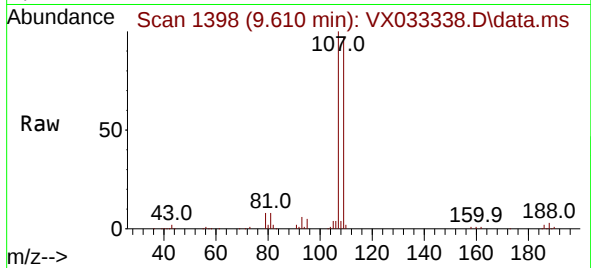
#61
1,2-Dibromoethane
Concen: 51.249 ug/l
RT: 9.610 min Scan# 11002
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 11002
Ion Ratio Lower Upper
107 100
109 95.3 76.0 114.0

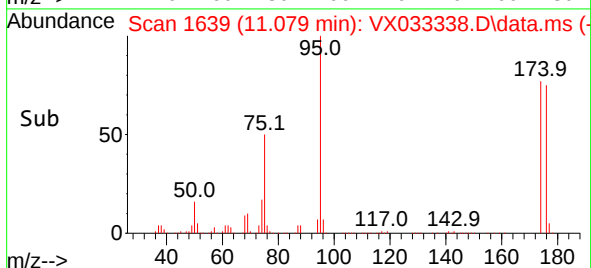
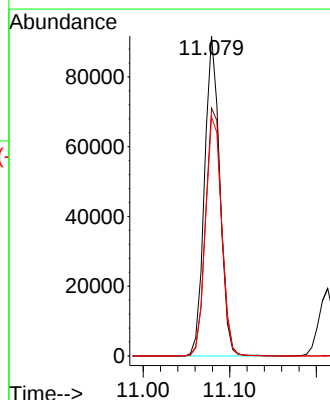
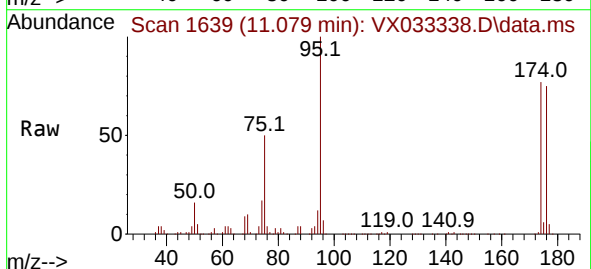
Manual Integrations
APPROVED

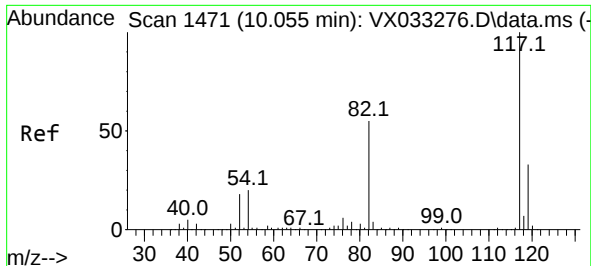
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#62
4-Bromofluorobenzene
Concen: 53.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

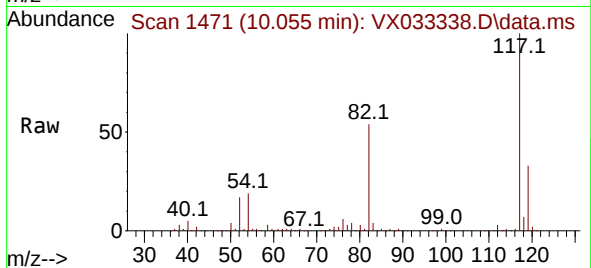
Tgt Ion: 95 Resp: 111792
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 79.1 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

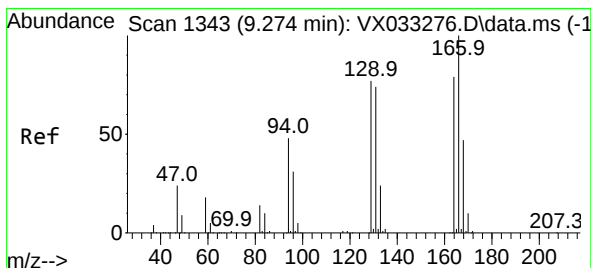
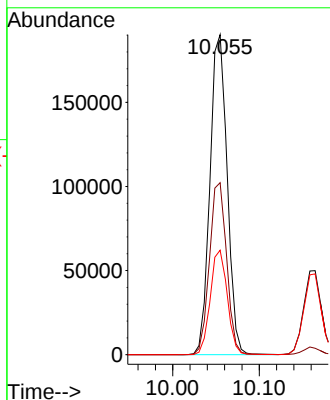
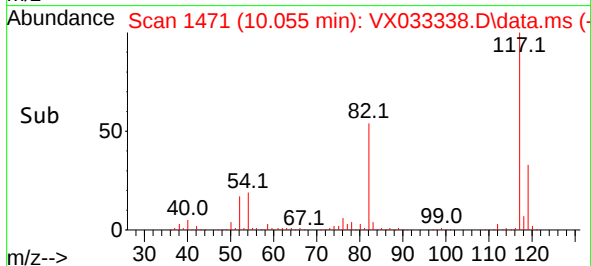
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 26267
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.7 25.7 38.5

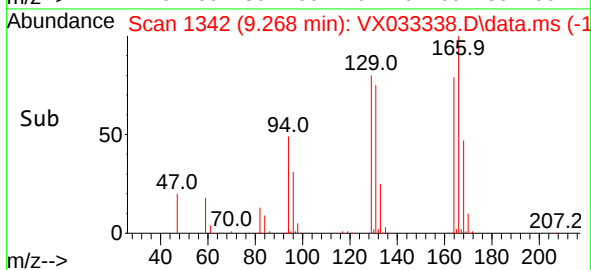
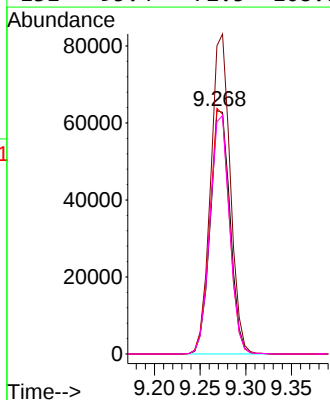
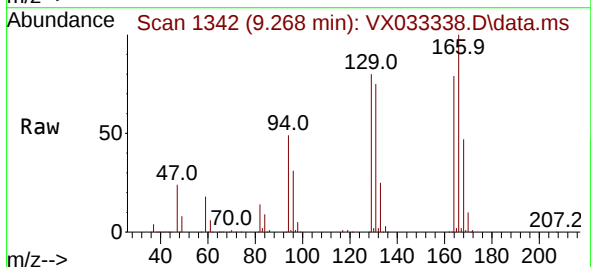
Manual Integrations
APPROVED

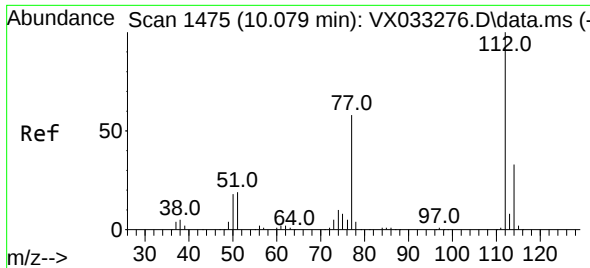
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#64
Tetrachloroethene
Concen: 53.032 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

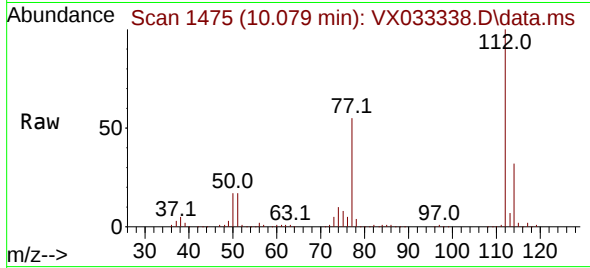
Tgt Ion:164 Resp: 95255
Ion Ratio Lower Upper
164 100
166 126.5 105.4 158.2
129 100.9 78.2 117.2
131 95.4 72.5 108.7





#65
Chlorobenzene
Concen: 52.512 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

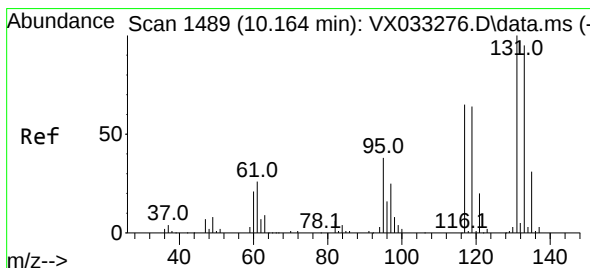
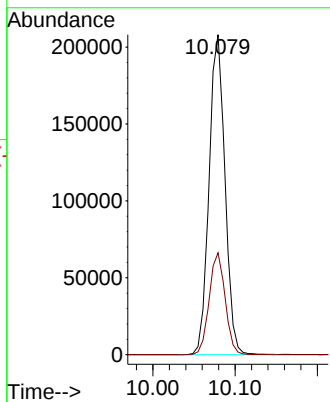
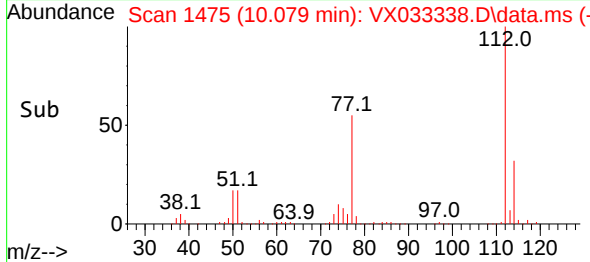
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



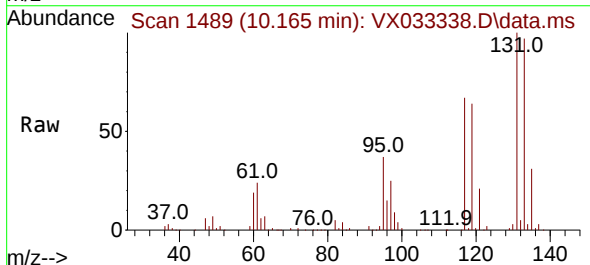
Tgt Ion:112 Resp: 279320
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

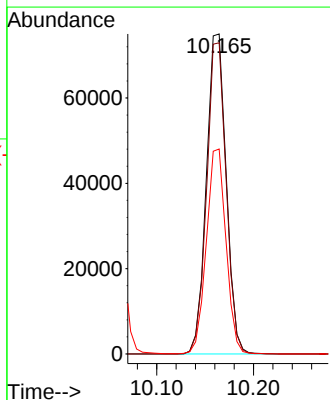
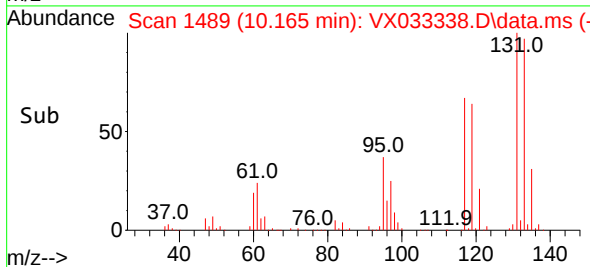
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022

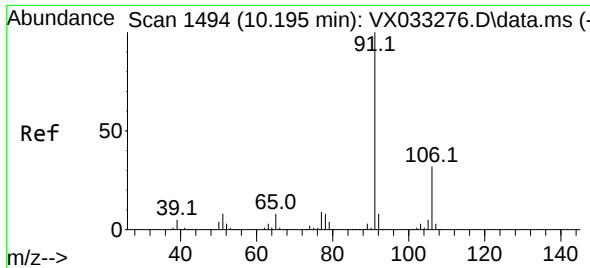


#66
1,1,1,2-Tetrachloroethane
Concen: 53.234 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26



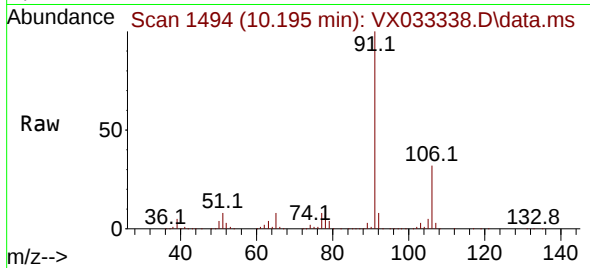
Tgt Ion:131 Resp: 107010
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 63.5 32.4 97.0





#67
Ethyl Benzene
Concen: 54.422 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

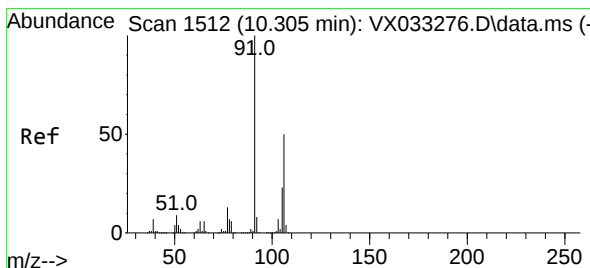
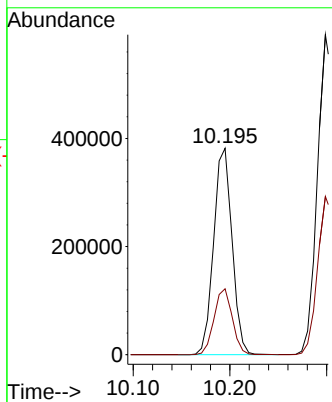
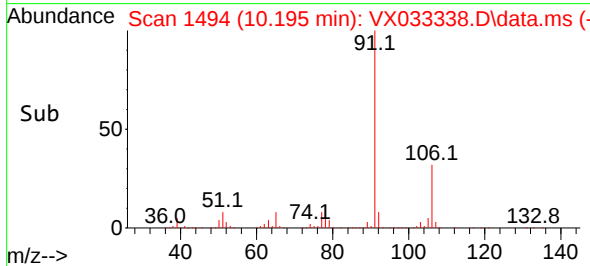
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



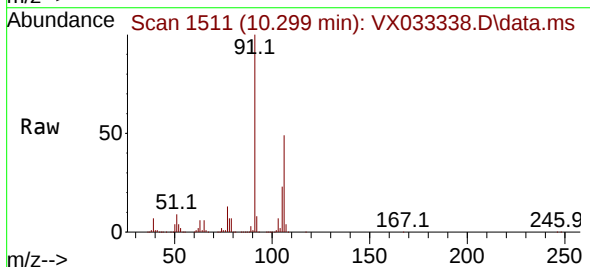
Tgt Ion: 91 Resp: 504320
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6

Manual Integrations
APPROVED

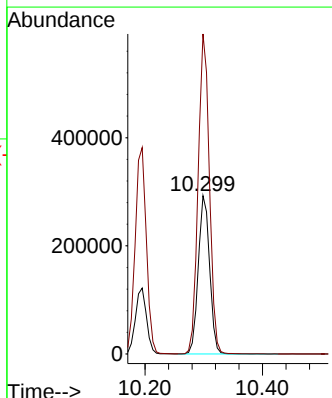
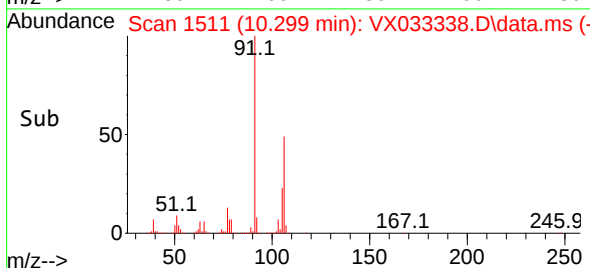
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022

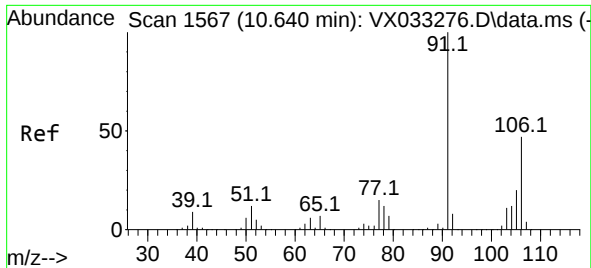


#68
m/p-Xylenes
Concen: 109.024 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26



Tgt Ion:106 Resp: 393081
Ion Ratio Lower Upper
106 100
91 200.5 164.5 246.7





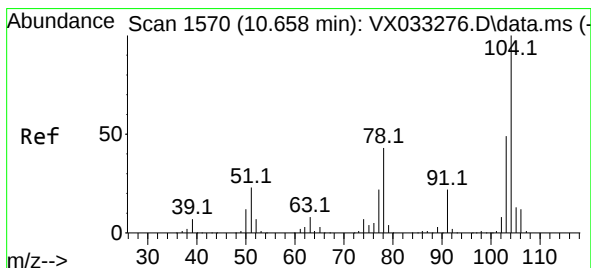
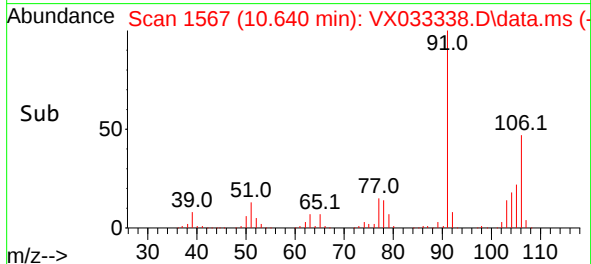
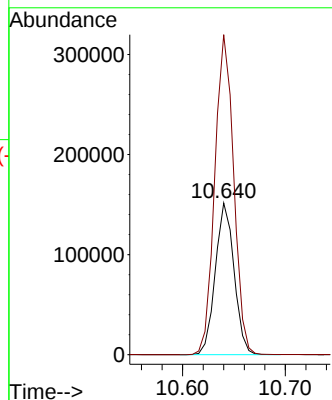
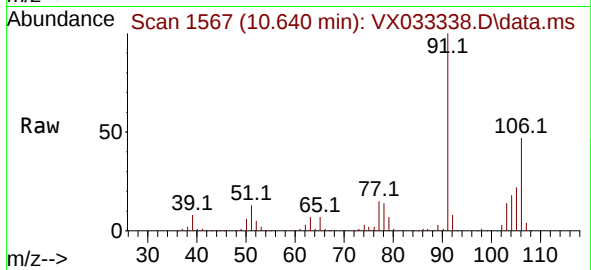
#69
o-Xylene
Concen: 53.791 ug/l
RT: 10.640 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 191699
Ion Ratio Lower Upper
106 100
91 213.0 109.2 327.6

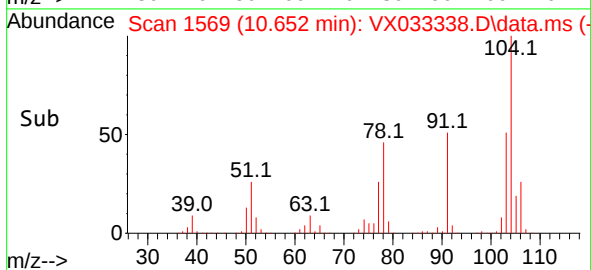
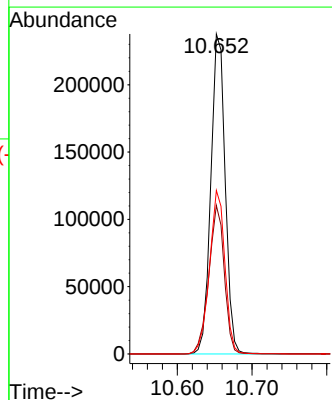
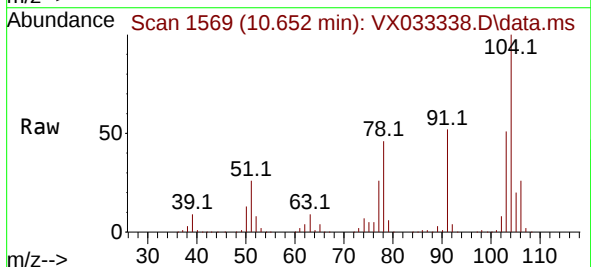
Manual Integrations
APPROVED

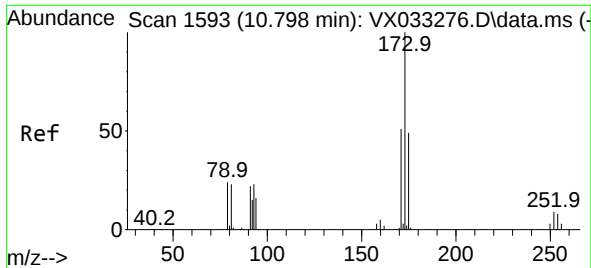
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#70
Styrene
Concen: 54.452 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

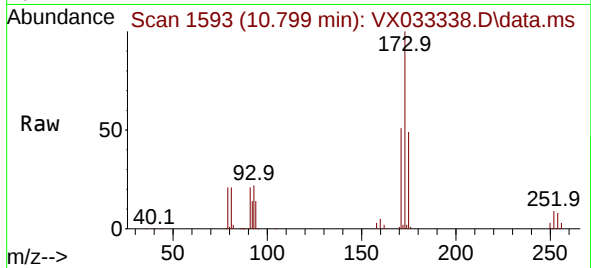
Tgt Ion:104 Resp: 317822
Ion Ratio Lower Upper
104 100
78 50.0 41.8 62.8
103 55.0 44.5 66.7





#71
Bromoform
Concen: 51.412 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

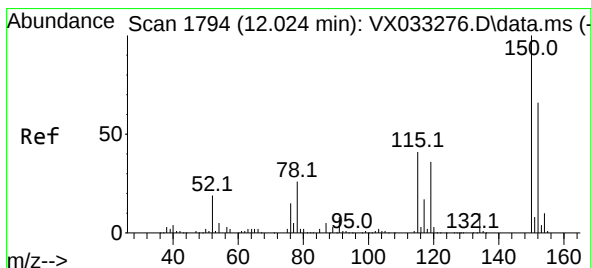
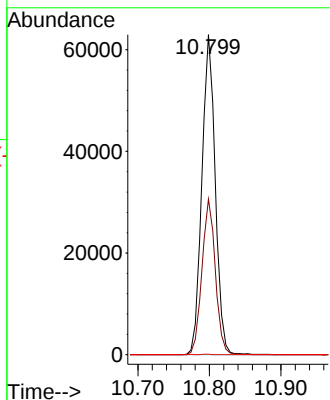
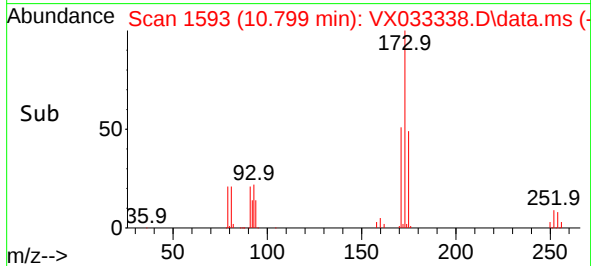
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 8180
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.1 0.0 0.0

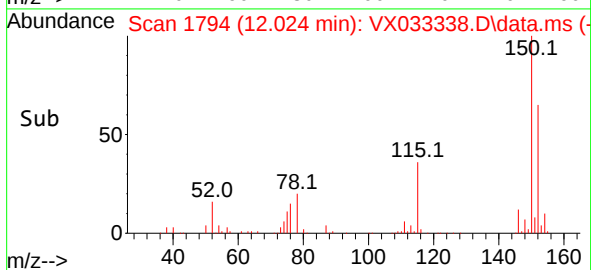
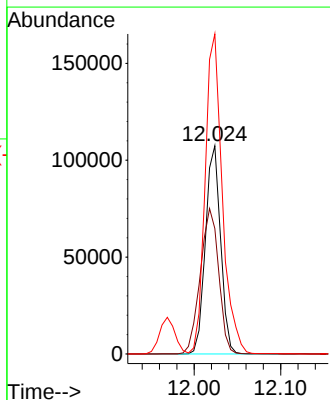
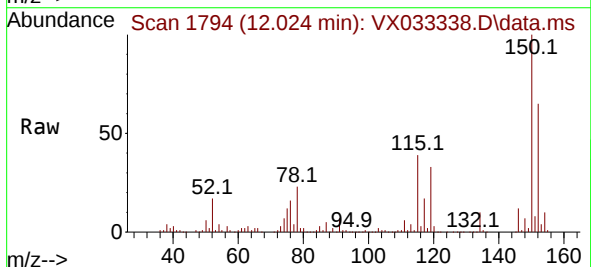
Manual Integrations
APPROVED

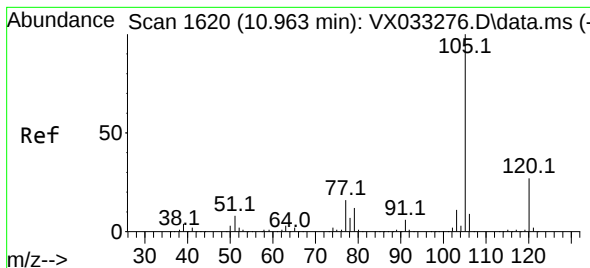
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion:152 Resp: 130441
Ion Ratio Lower Upper
152 100
115 85.1 44.0 132.0
150 174.4 0.0 351.8





#73

Isopropylbenzene

Concen: 53.429 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 505140

Ion Ratio Lower Upper

105 100

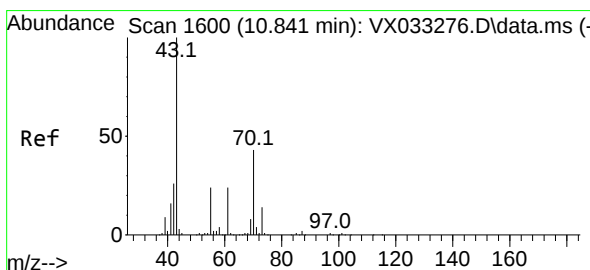
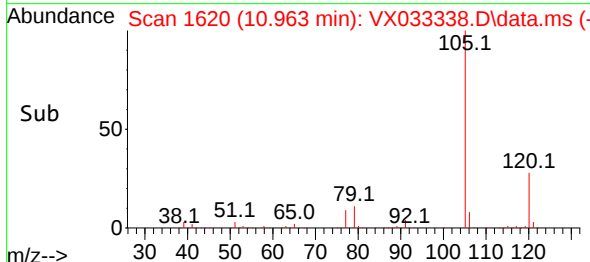
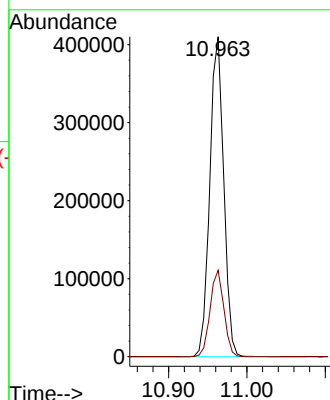
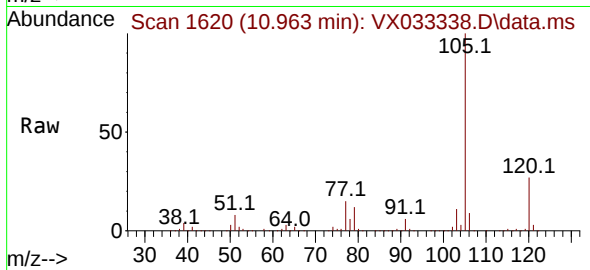
120 26.7 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#74

N-ethyl acetate

Concen: 50.849 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Tgt Ion: 43 Resp: 164022

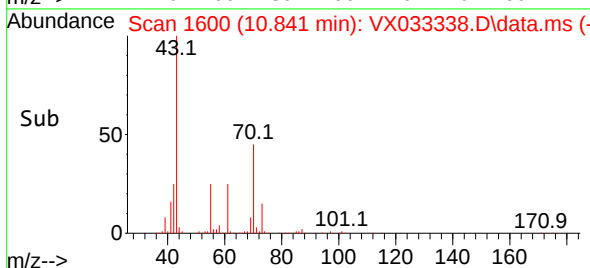
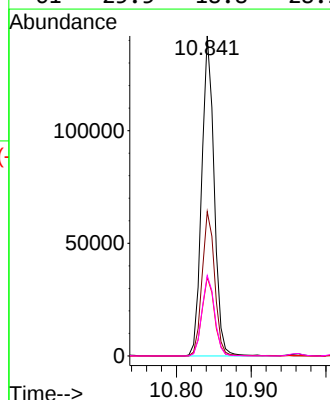
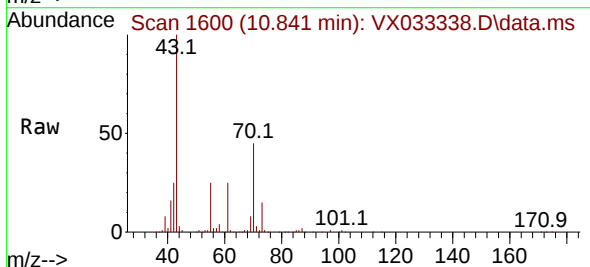
Ion Ratio Lower Upper

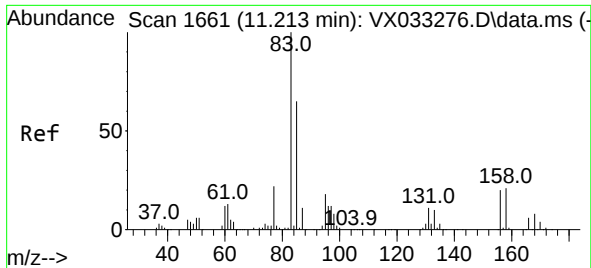
43 100

70 45.7 33.6 50.4

55 25.0 19.4 29.2

61 25.5 18.8 28.2





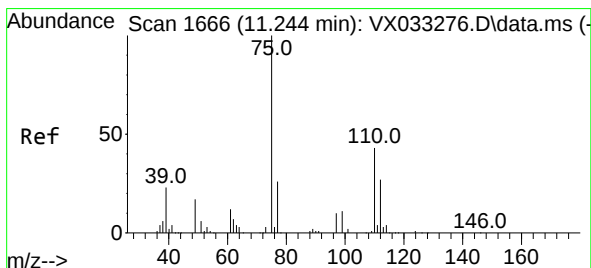
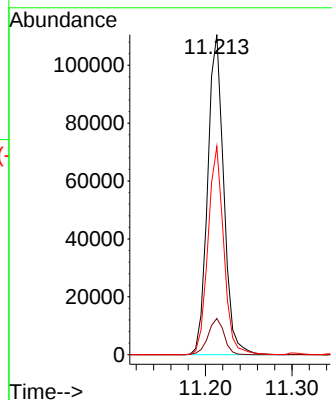
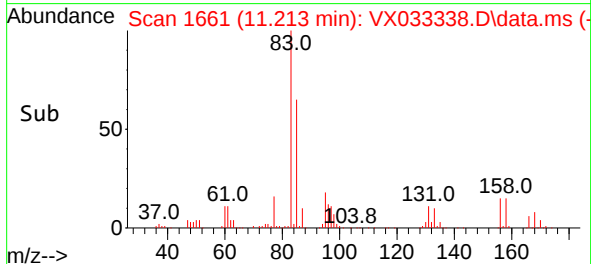
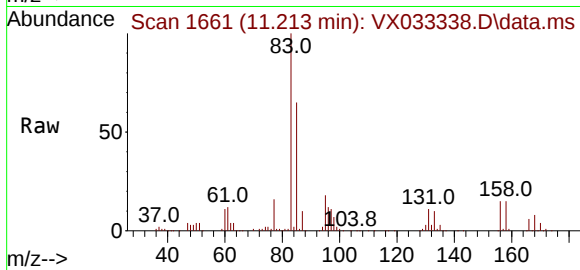
#75
1,1,2,2-Tetrachloroethane
Concen: 47.504 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 14248
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 64.0 31.9 95.9

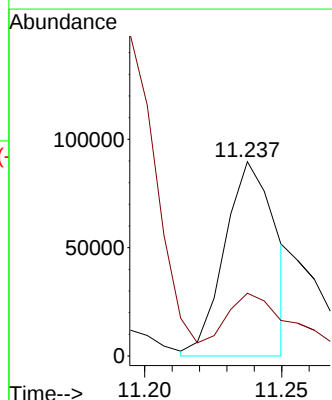
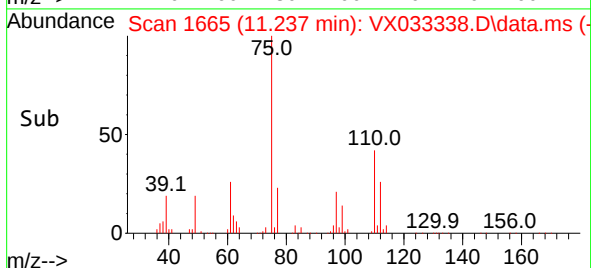
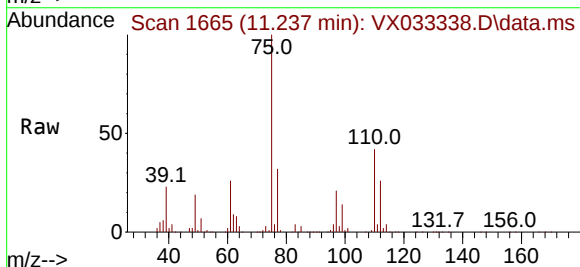
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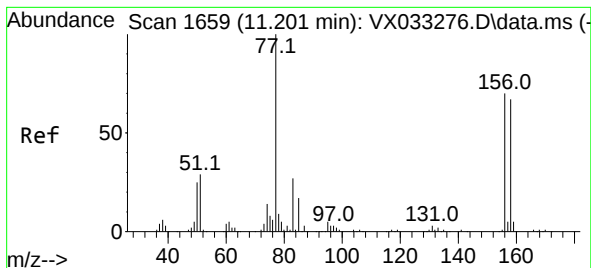
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#76
1,2,3-Trichloropropane
Concen: 43.588 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

Tgt Ion: 75 Resp: 115675
Ion Ratio Lower Upper
75 100
77 43.5 20.0 60.0





#77

Bromobenzene

Concen: 51.349 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 12259

Ion Ratio Lower Upper

156 100

77 150.3 76.1 228.4

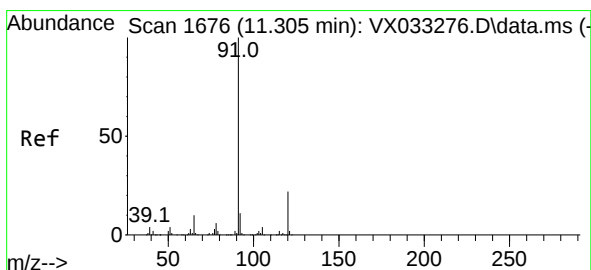
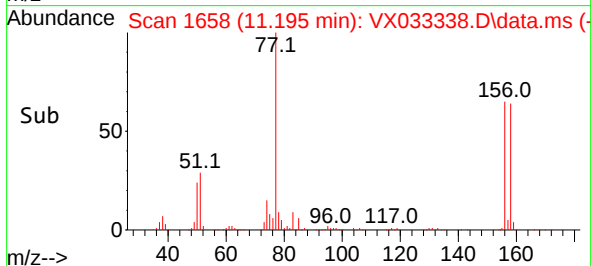
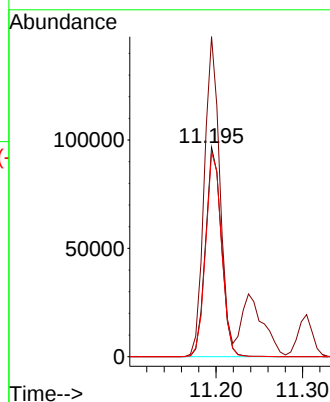
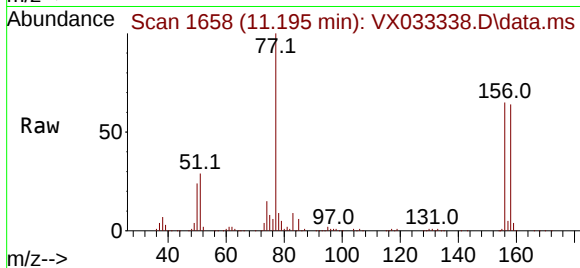
158 98.2 48.8 146.3

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Reviewed By :John Carlone 12/09/2022

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#78

n-propylbenzene

Concen: 54.557 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033338.D

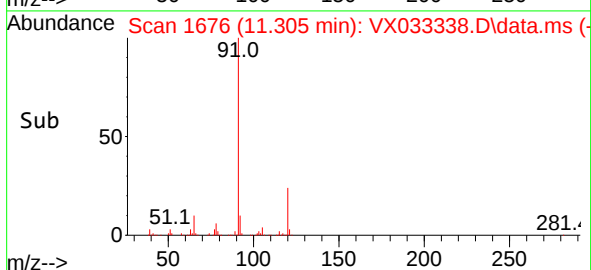
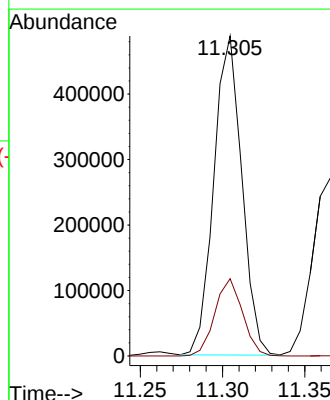
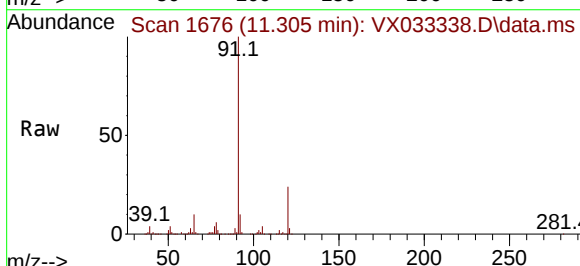
Acq: 09 Dec 2022 11:26

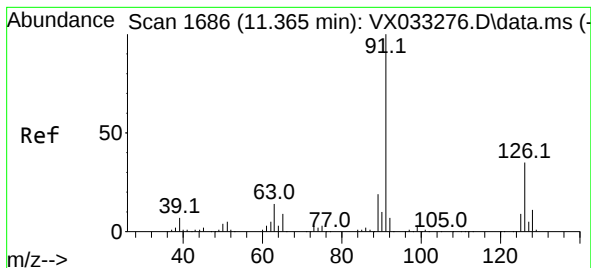
Tgt Ion: 91 Resp: 575941

Ion Ratio Lower Upper

91 100

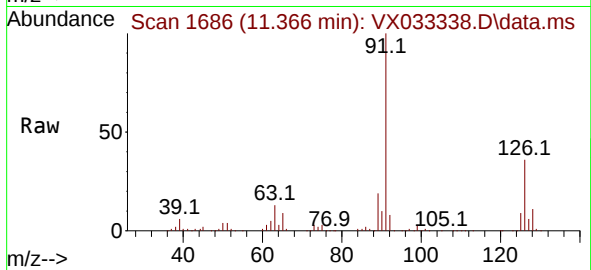
120 24.0 11.6 34.8





#79
2-Chlorotoluene
Concen: 52.226 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

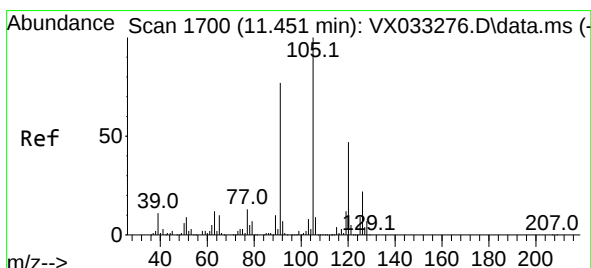
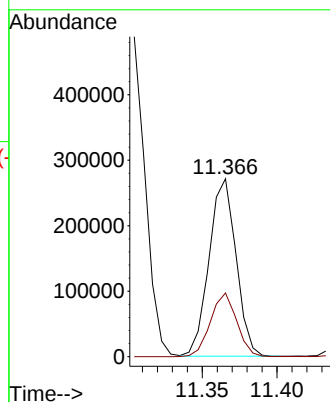
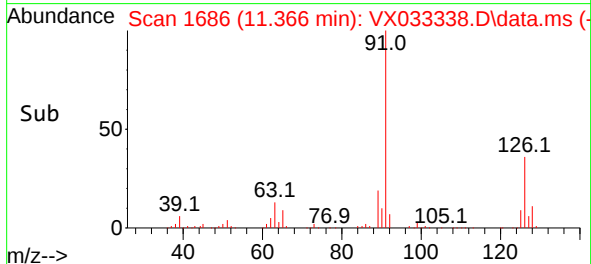
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



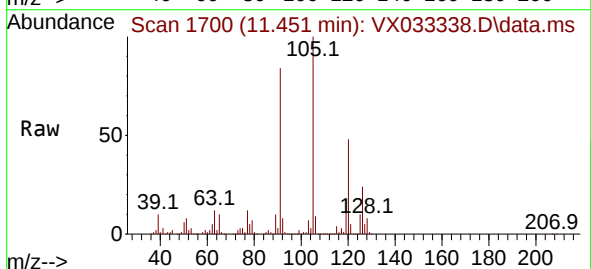
Tgt Ion: 91 Resp: 340730
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2

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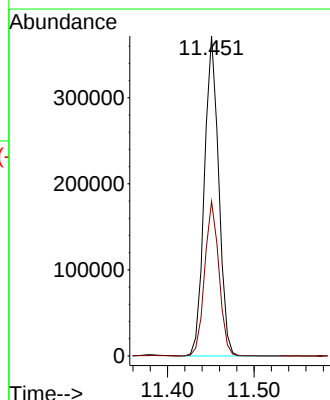
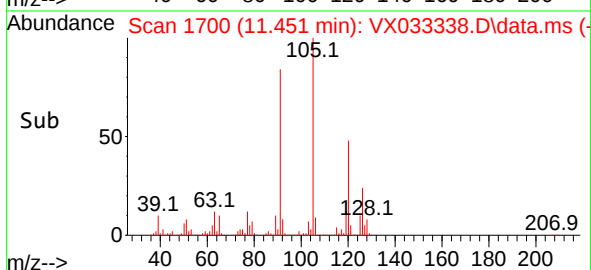
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022

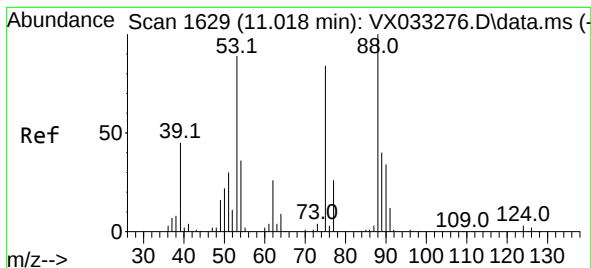


#80
1,3,5-Trimethylbenzene
Concen: 54.140 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26



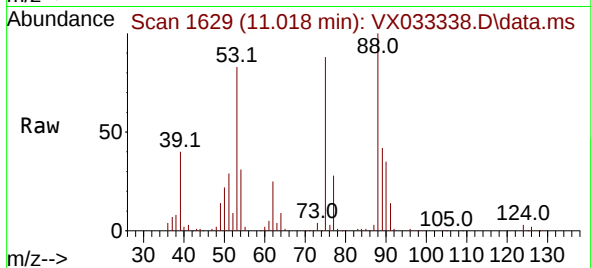
Tgt Ion:105 Resp: 426077
Ion Ratio Lower Upper
105 100
120 48.2 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.940 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

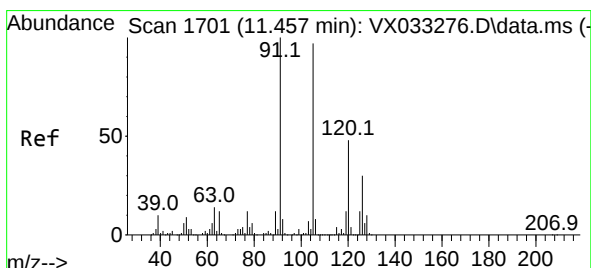
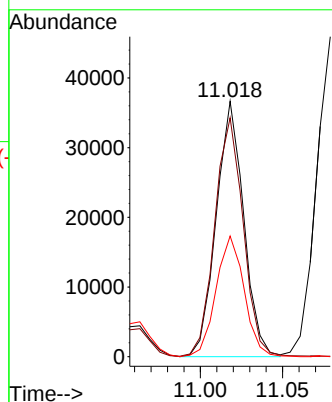
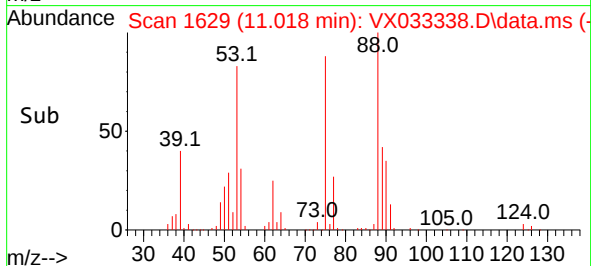
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 42600
Ion Ratio Lower Upper
75 100
53 97.3 86.9 130.3
89 48.3 38.3 57.5

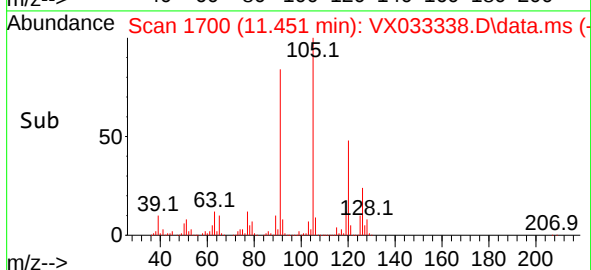
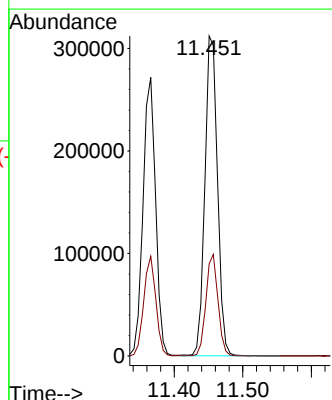
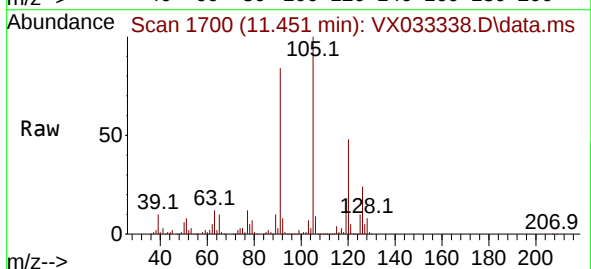
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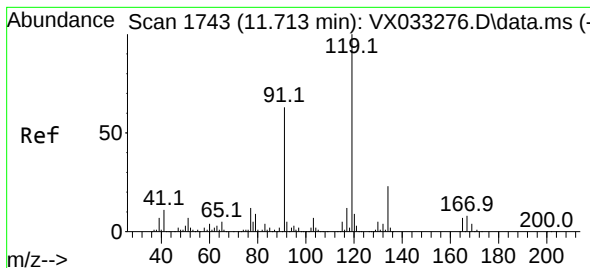
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022



#82
4-Chlorotoluene
Concen: 52.740 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

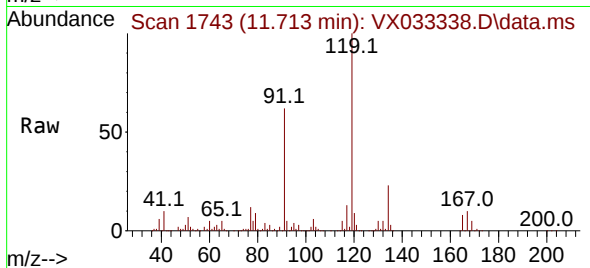
Tgt Ion: 91 Resp: 400100
Ion Ratio Lower Upper
91 100
126 30.4 14.8 44.4





#83
tert-Butylbenzene
Concen: 53.165 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

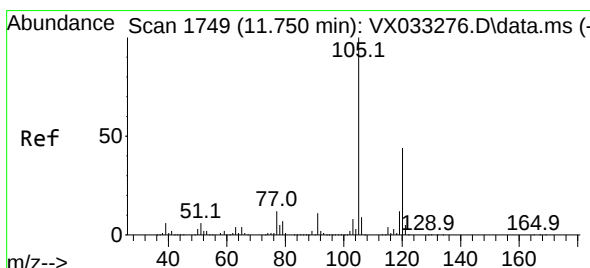
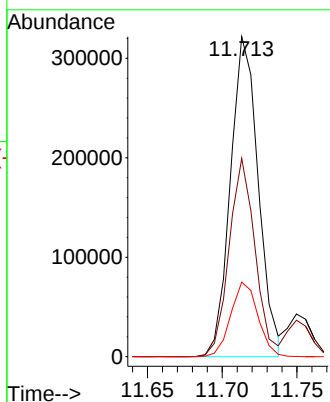
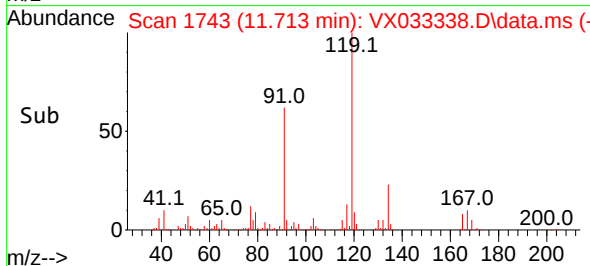
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



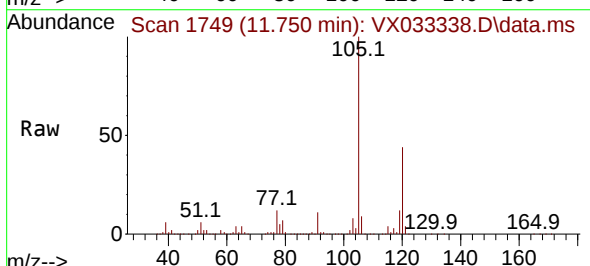
Tgt Ion:119 Resp: 41723
Ion Ratio Lower Upper
119 100
91 57.7 29.4 88.2
134 22.7 11.0 33.0

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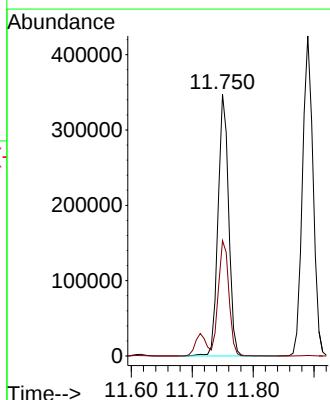
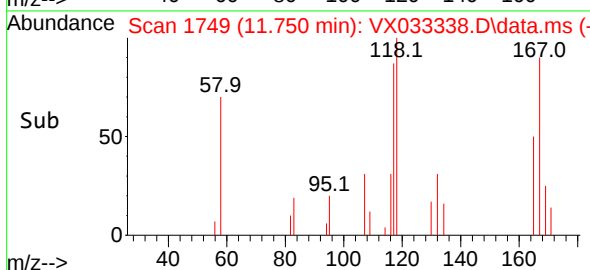
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022

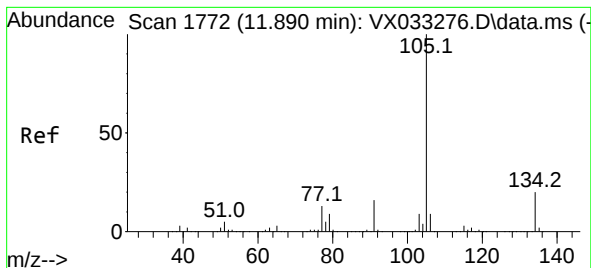


#84
1,2,4-Trimethylbenzene
Concen: 53.413 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26



Tgt Ion:105 Resp: 419605
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 56.038 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033338.D
 Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

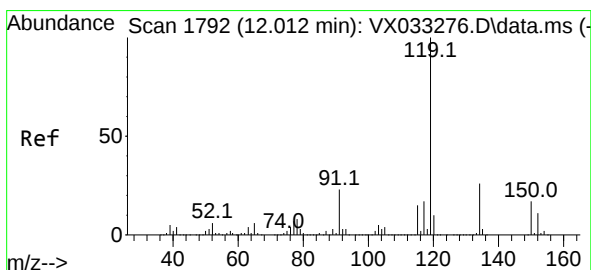
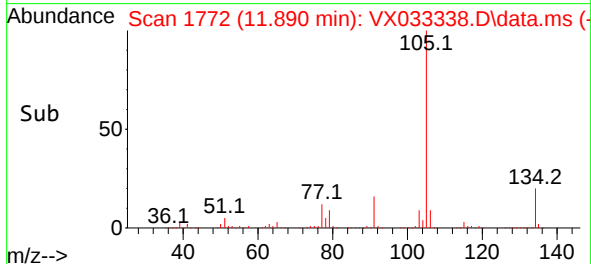
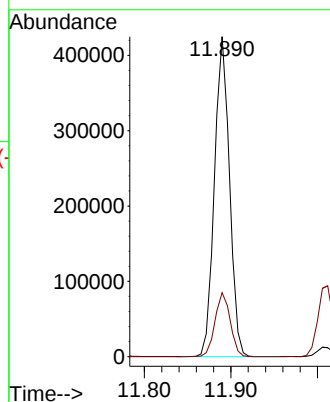
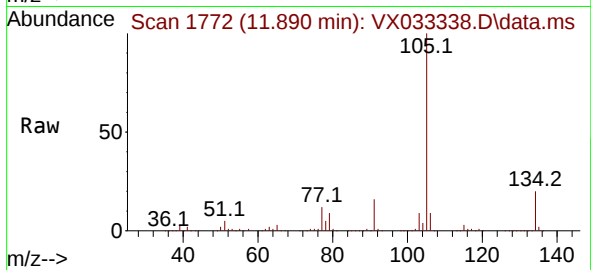
VSTDCCC050

Tgt Ion:105 Resp: 513100
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

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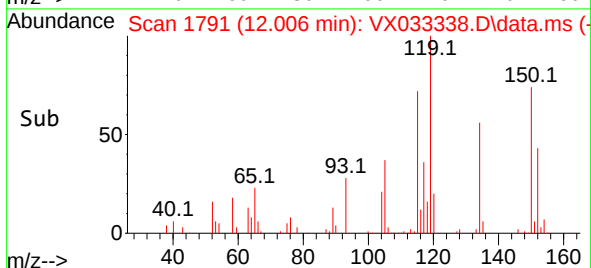
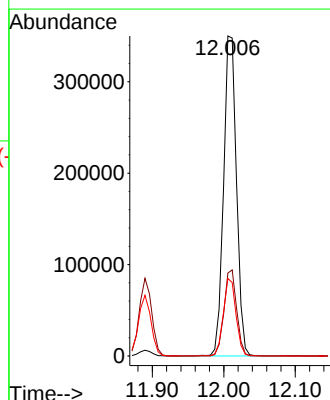
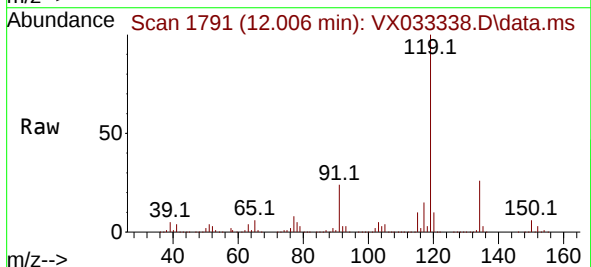
APPROVED

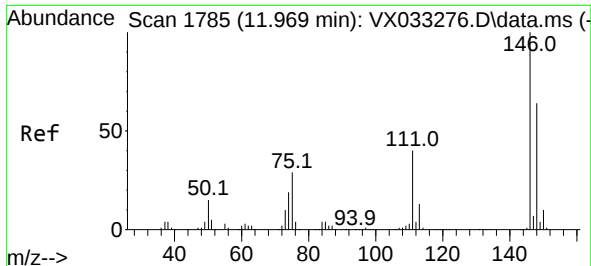
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#86
 p-Isopropyltoluene
 Concen: 55.675 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033338.D
 Acq: 09 Dec 2022 11:26

Tgt Ion:119 Resp: 439512
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 52.932 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 228910

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

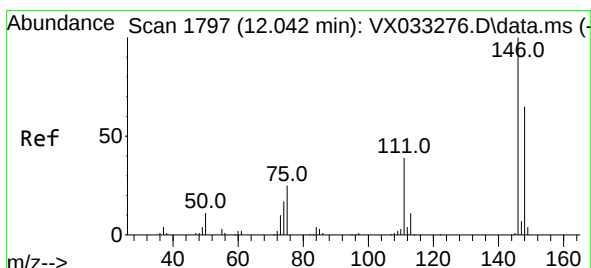
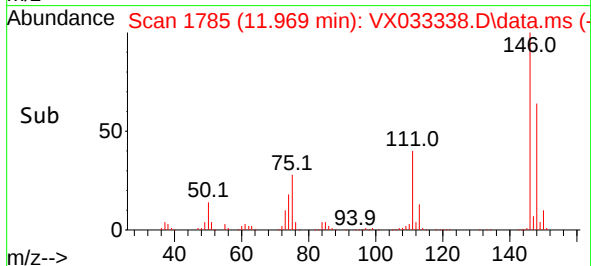
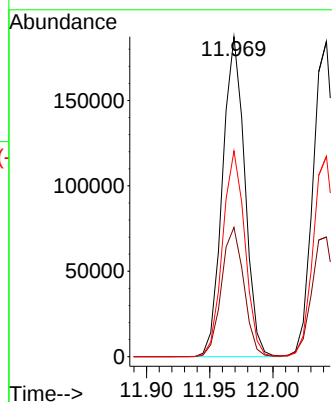
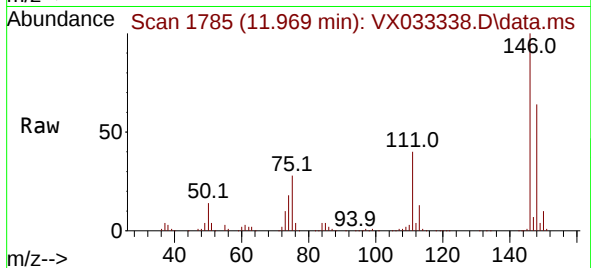
148 64.2 31.7 95.1

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 52.508 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

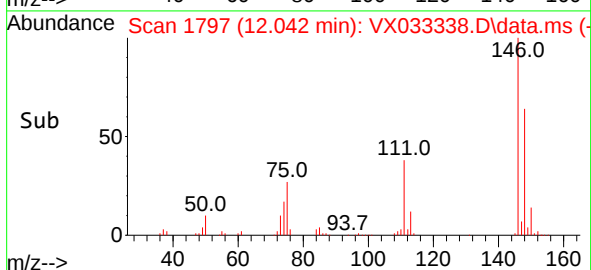
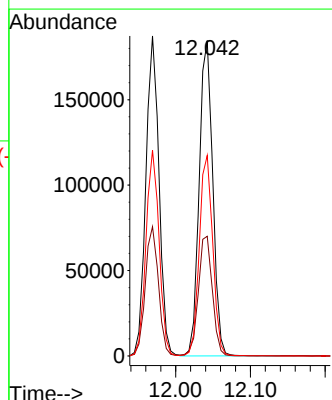
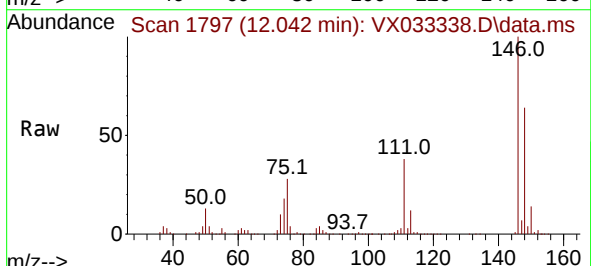
Tgt Ion:146 Resp: 231951

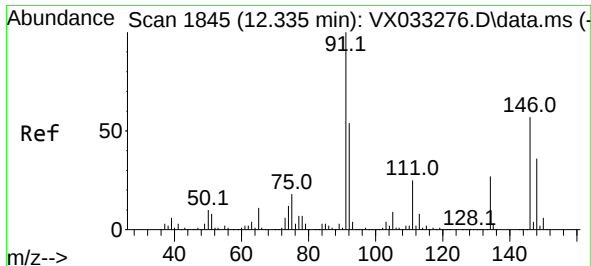
Ion Ratio Lower Upper

146 100

111 39.2 20.5 61.6

148 63.1 32.2 96.6





#89

n-Butylbenzene

Concen: 57.879 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 37422

Ion Ratio Lower Upper

91 100

92 53.3 26.2 78.6

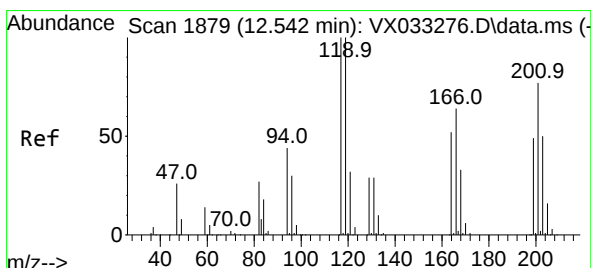
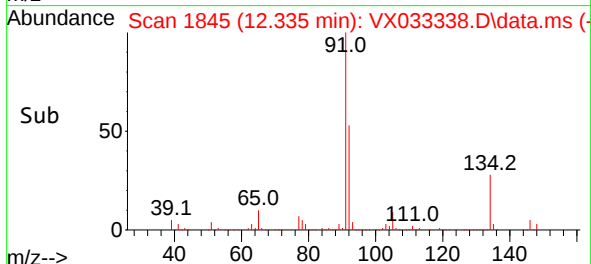
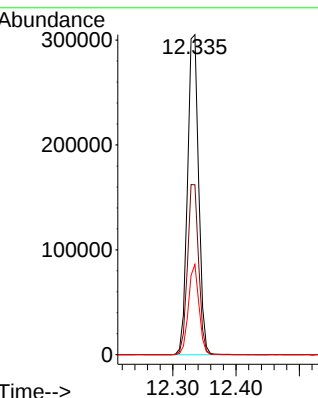
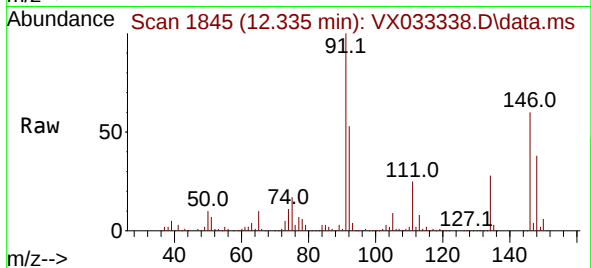
134 26.7 12.9 38.6

Manual Integrations

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#90

Hexachloroethane

Concen: 52.363 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX033338.D

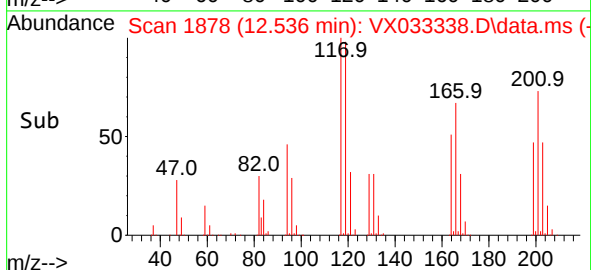
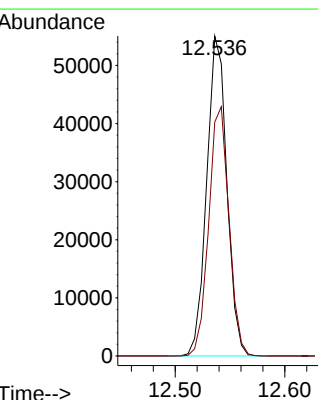
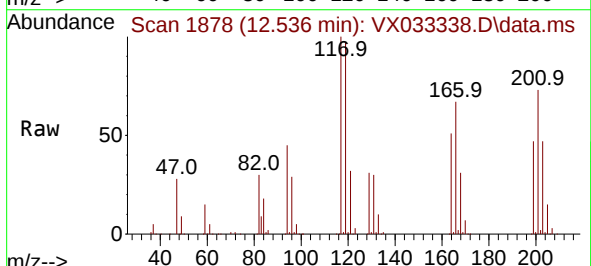
Acq: 09 Dec 2022 11:26

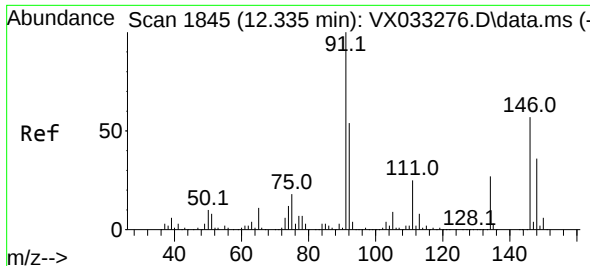
Tgt Ion:117 Resp: 70263

Ion Ratio Lower Upper

117 100

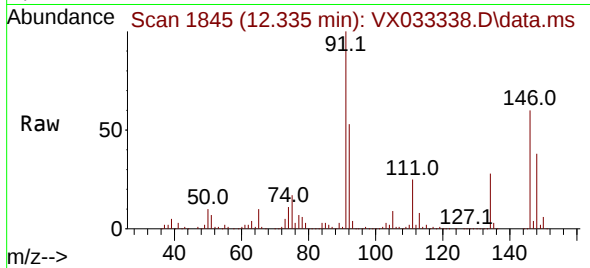
201 78.3 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 51.171 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

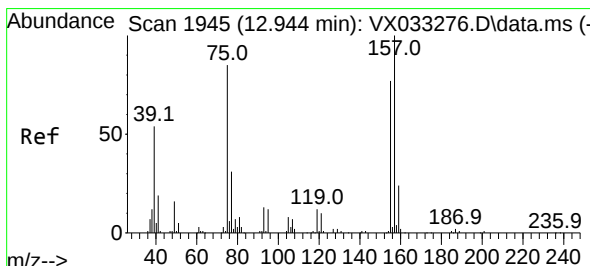
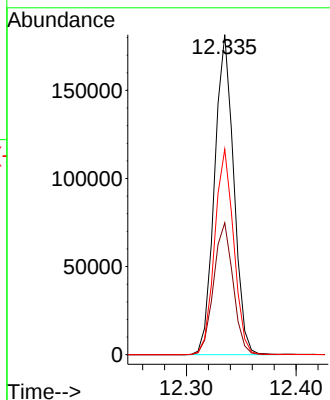
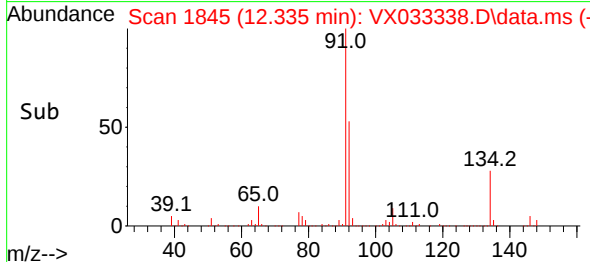
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



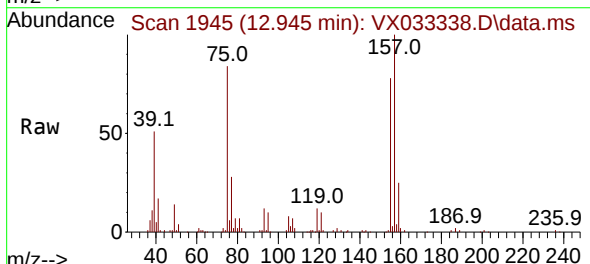
Tgt Ion:146 Resp: 22125
Ion Ratio Lower Upper
146 100
111 41.7 21.5 64.5
148 63.9 32.0 96.2

Manual Integrations
APPROVED

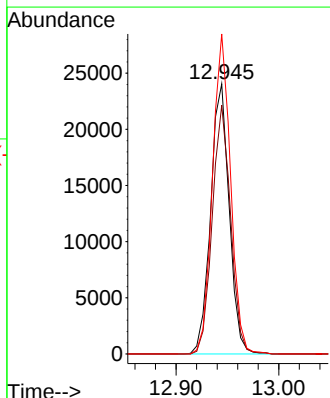
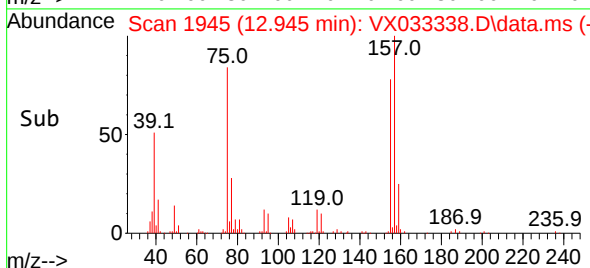
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022

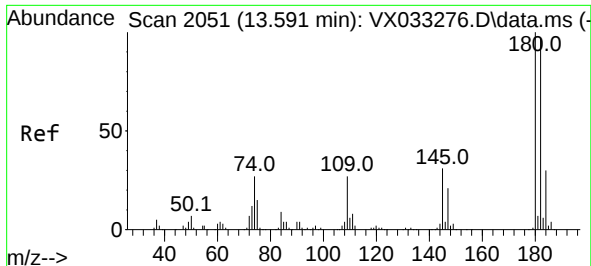


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.486 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26



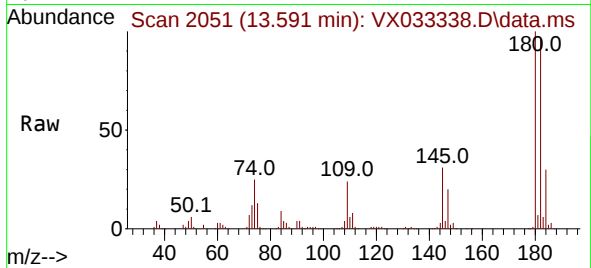
Tgt Ion: 75 Resp: 30117
Ion Ratio Lower Upper
75 100
155 90.8 41.6 124.8
157 115.5 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 54.956 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26

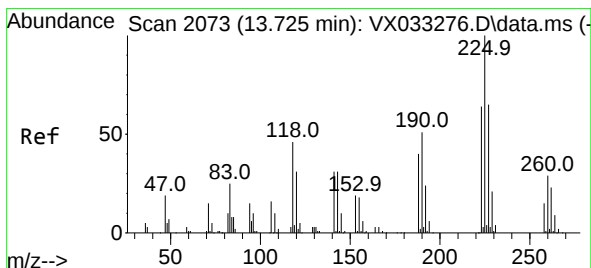
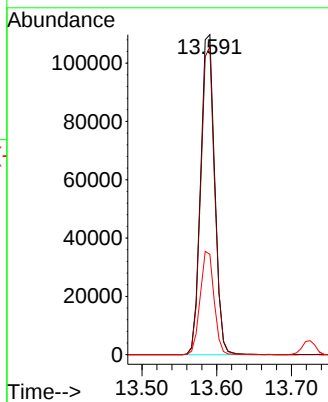
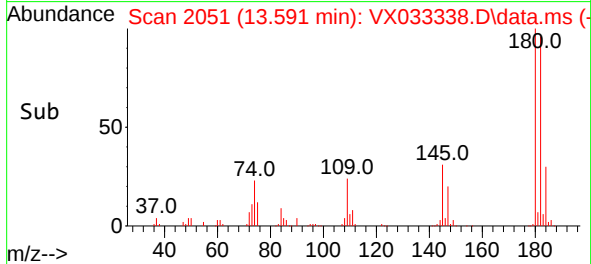
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



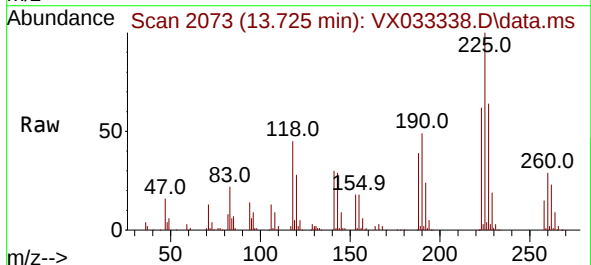
Tgt Ion:180 Resp: 143508
Ion Ratio Lower Upper
180 100
182 95.7 48.4 145.0
145 31.9 16.2 48.5

Manual Integrations
APPROVED

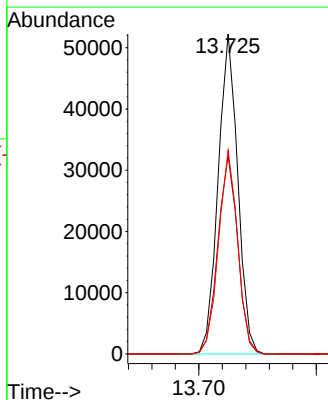
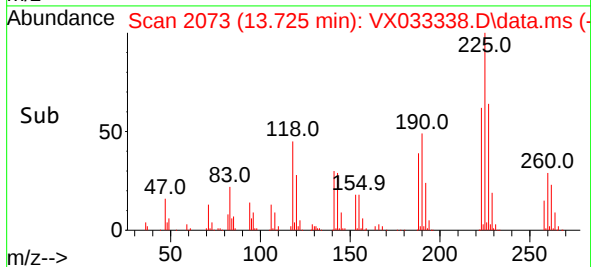
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022

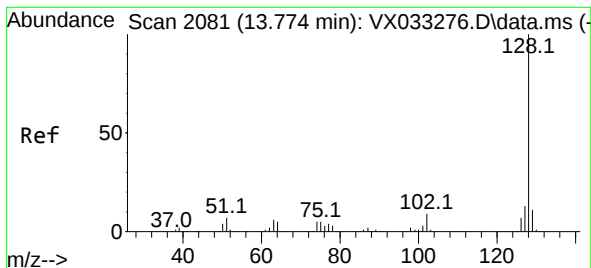


#94
Hexachlorobutadiene
Concen: 57.971 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033338.D
Acq: 09 Dec 2022 11:26



Tgt Ion:225 Resp: 60619
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.9
227 62.4 31.9 95.5





#95

Naphthalene

Concen: 52.861 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 46044

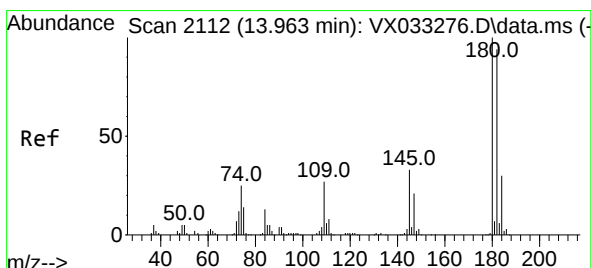
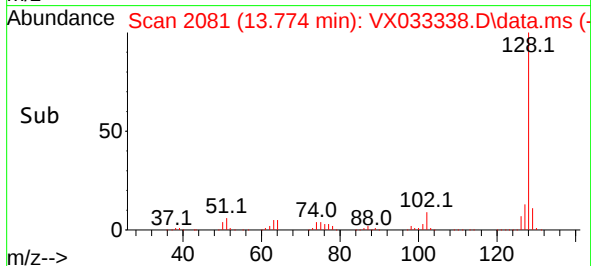
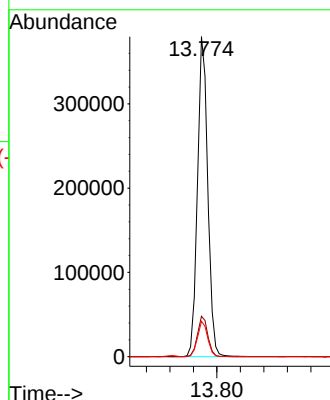
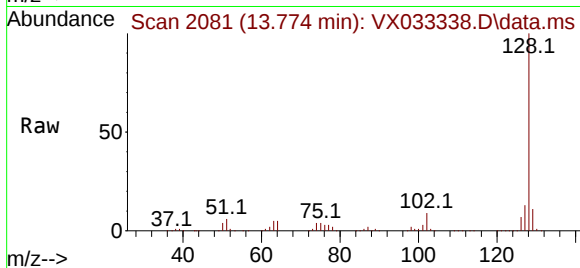
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/12/2022



#96

1,2,3-Trichlorobenzene

Concen: 54.043 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033338.D

Acq: 09 Dec 2022 11:26

Tgt Ion:180 Resp: 142928

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	33.6	16.9	50.6

