

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020924\
 Data File : VX040180.D
 Acq On : 09 Feb 2024 17:42
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 10 05:48:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:39:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125903	99.017	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 198.040%#	
35) Dibromofluoromethane	5.385	113	100511	100.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 201.480%#	
50) Toluene-d8	8.653	98	372115	99.705	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 199.420%#	
62) 4-Bromofluorobenzene	11.079	95	159322	104.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 209.340%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	99218	102.769	ug/l	99
3) Chloromethane	1.295	50	98046	98.482	ug/l	98
4) Vinyl Chloride	1.374	62	105272	100.060	ug/l	99
5) Bromomethane	1.593	94	53508	90.126	ug/l	96
6) Chloroethane	1.673	64	60741	91.543	ug/l	100
7) Trichlorofluoromethane	1.880	101	171703	101.625	ug/l	100
8) Diethyl Ether	2.136	74	61339	96.644	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	90470	99.824	ug/l	98
10) Methyl Iodide	2.447	142	109592	108.919	ug/l	93
11) Tert butyl alcohol	2.977	59	126566	511.018	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	88378	101.280	ug/l	92
13) Acrolein	2.239	56	109178	498.039	ug/l	99
14) Allyl chloride	2.660	41	152787	100.895	ug/l	95
15) Acrylonitrile	3.069	53	283302	511.223	ug/l	99
16) Acetone	2.386	43	251203	481.023	ug/l	95
17) Carbon Disulfide	2.508	76	225839	98.032	ug/l	100
18) Methyl Acetate	2.703	43	142198	101.574	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	323282	105.160	ug/l	100
20) Methylene Chloride	2.788	84	101997	105.969	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	96503	97.104	ug/l	98
22) Diisopropyl ether	3.764	45	327628	106.680	ug/l	90
23) Vinyl Acetate	3.721	43	1493650	545.569	ug/l	98
24) 1,1-Dichloroethane	3.605	63	181352	101.374	ug/l	99
25) 2-Butanone	4.556	43	413307	506.311	ug/l	96
26) 2,2-Dichloropropane	4.477	77	151063	109.695	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	115701	102.054	ug/l	95
28) Bromochloromethane	4.904	49	76736	101.031	ug/l	91
29) Tetrahydrofuran	5.007	42	272299	512.012	ug/l	93
30) Chloroform	5.093	83	202474	104.682	ug/l	100
31) Cyclohexane	5.471	56	151442	99.854	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	175606	107.922	ug/l	99
36) 1,1-Dichloropropene	5.690	75	143759	102.859	ug/l	99
37) Ethyl Acetate	4.715	43	159798	102.755	ug/l	99
38) Carbon Tetrachloride	5.678	117	144062	108.410	ug/l	98
39) Methylcyclohexane	7.379	83	164092	101.028	ug/l	97
40) Benzene	6.038	78	407606	104.290	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	90788	111.676	ug/l	95
42) 1,2-Dichloroethane	6.086	62	162294	106.236	ug/l	100
43) Isopropyl Acetate	6.342	43	262978	108.326	ug/l	98
44) Trichloroethene	7.123	130	110046	102.074	ug/l	100
45) 1,2-Dichloropropane	7.428	63	107053	105.233	ug/l	95
46) Dibromomethane	7.580	93	79800	106.511	ug/l	97
47) Bromodichloromethane	7.824	83	158347	109.688	ug/l	96
48) Methyl methacrylate	7.696	41	134550	108.317	ug/l	92
49) 1,4-Dioxane	7.659	88	56159	2078.174	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	892779	538.644	ug/l	100
52) Toluene	8.720	92	264357	103.262	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	178313	103.370	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	182675	112.909	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	115929	106.172	ug/l	96
56) Ethyl methacrylate	9.116	69	186140	113.874	ug/l	96
57) 1,3-Dichloropropane	9.311	76	188589	105.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	419246	542.172	ug/l	98
59) 2-Hexanone	9.433	43	722523	549.818	ug/l	98
60) Dibromochloromethane	9.525	129	127266	114.402	ug/l	100
61) 1,2-Dibromoethane	9.610	107	125438	108.078	ug/l	99
64) Tetrachloroethene	9.275	164	95971	97.785	ug/l	96
65) Chlorobenzene	10.080	112	295672	101.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	111726	110.364	ug/l	99
67) Ethyl Benzene	10.195	91	544905	104.673	ug/l	99
68) m/p-Xylenes	10.299	106	409349	208.204	ug/l	98
69) o-Xylene	10.640	106	203506	106.515	ug/l	97
70) Styrene	10.659	104	349979	110.178	ug/l	99
71) Bromoform	10.799	173	99996	103.754	ug/l #	98
73) Isopropylbenzene	10.964	105	552061	99.306	ug/l	99
74) N-amyl acetate	10.842	43	271922	114.114	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	202022	101.149	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	226519	141.721	ug/l	90
77) Bromobenzene	11.195	156	134984	102.805	ug/l	95
78) n-propylbenzene	11.305	91	671146	99.718	ug/l	99
79) 2-Chlorotoluene	11.366	91	399481	98.293	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	479136	102.375	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	60429	102.179	ug/l	95
82) 4-Chlorotoluene	11.457	91	475502	98.746	ug/l	99
83) tert-Butylbenzene	11.713	119	471094	102.669	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	481338	101.656	ug/l	99
85) sec-Butylbenzene	11.890	105	592624	100.497	ug/l	99
86) p-Isopropyltoluene	12.006	119	494608	102.323	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	264447	101.649	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	267809	97.206	ug/l	99
89) n-Butylbenzene	12.335	91	475289	101.860	ug/l	98
90) Hexachloroethane	12.536	117	87590	114.878	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	253633	100.708	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50198	108.896	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	167846	97.347	ug/l	98
94) Hexachlorobutadiene	13.725	225	66402	96.494	ug/l	98
95) Naphthalene	13.774	128	559543	102.750	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	164457	100.064	ug/l	97

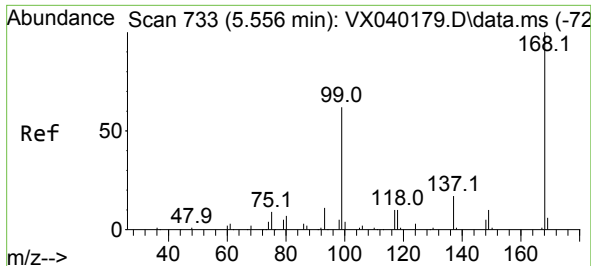
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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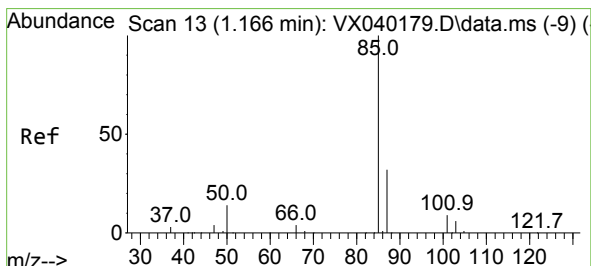
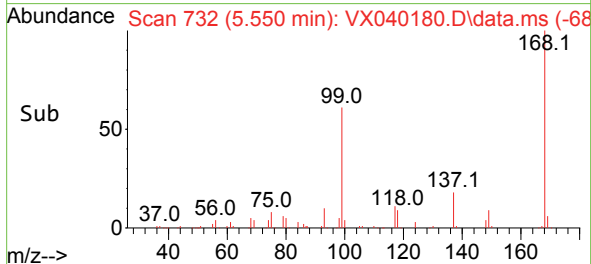
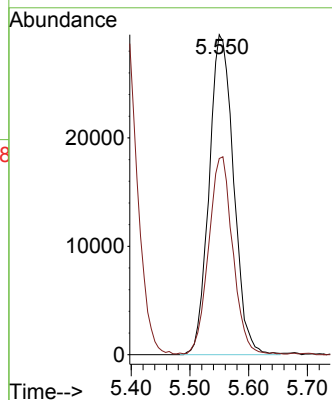
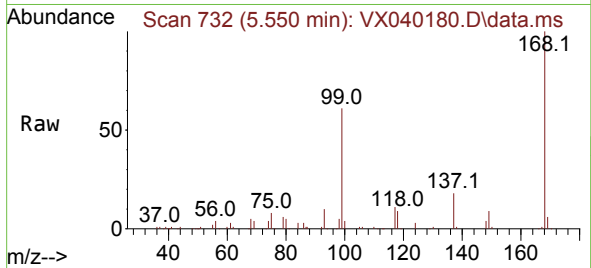
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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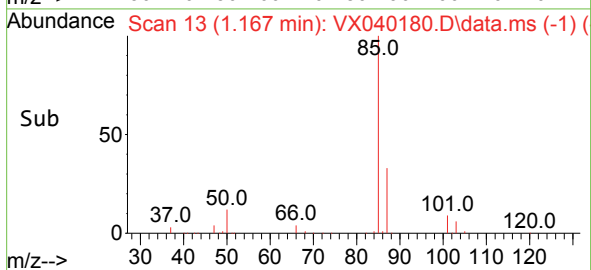
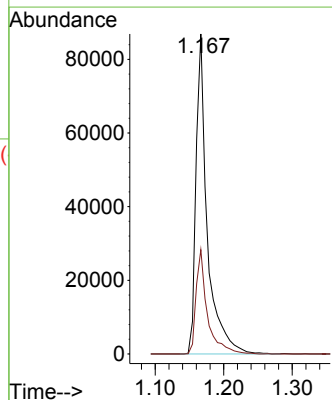
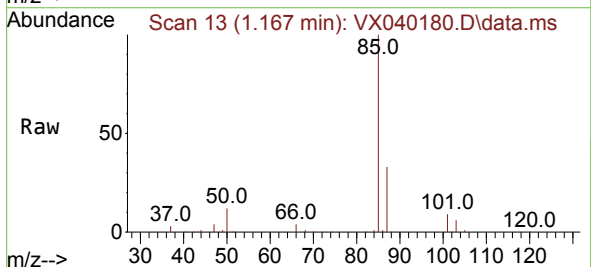
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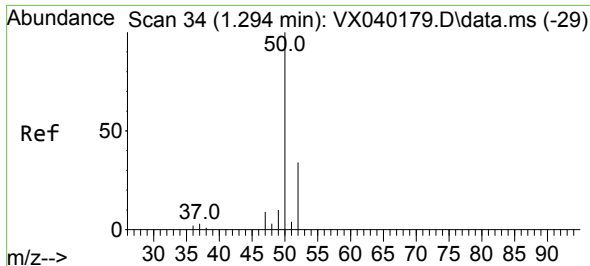
Tgt Ion:168 Resp: 85469
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 102.769 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 85 Resp: 99218
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1

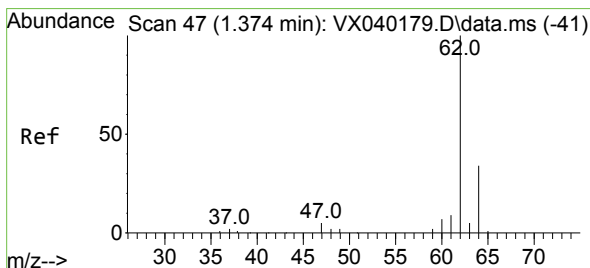
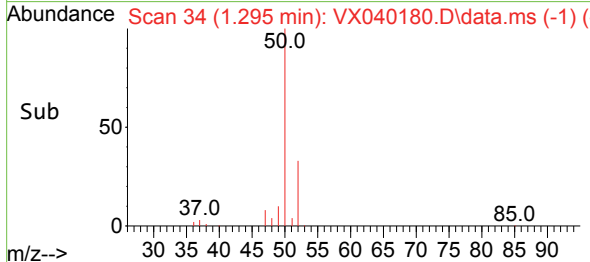
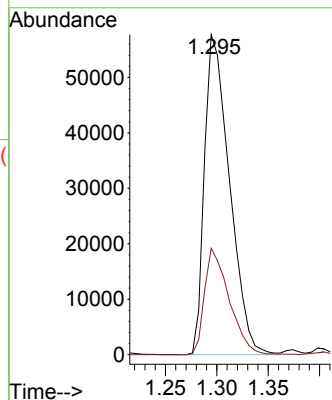
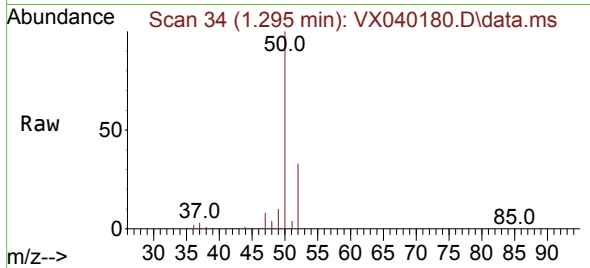




#3
Chloromethane
Concen: 98.482 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

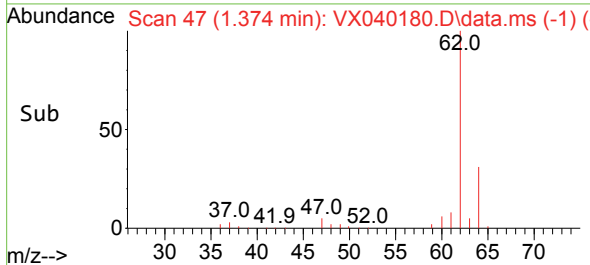
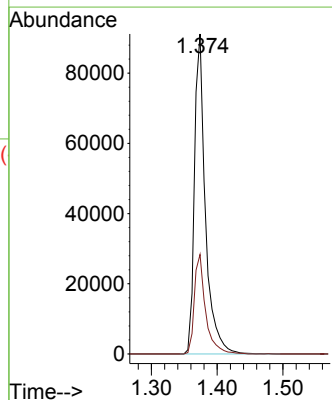
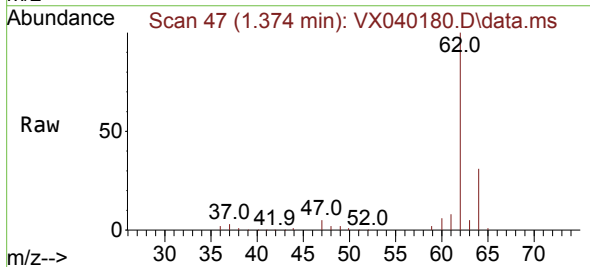
Instrument :
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ClientSampleId :
VSTDICC100

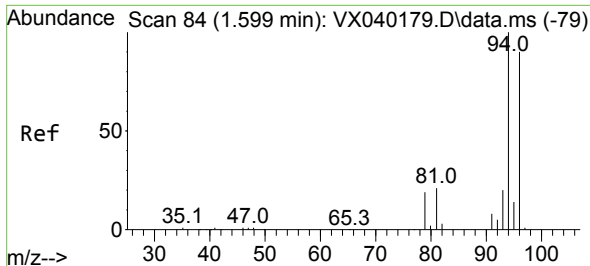
Tgt Ion: 50 Resp: 98046
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3



#4
Vinyl Chloride
Concen: 100.060 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 62 Resp: 105272
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0

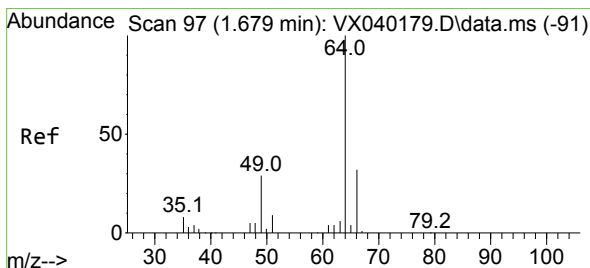
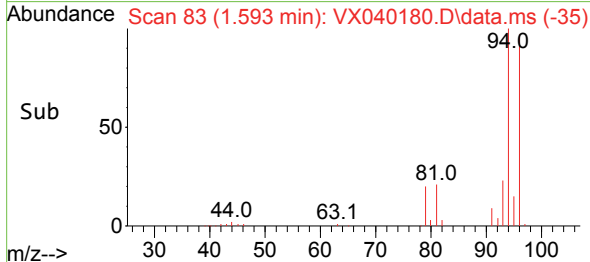
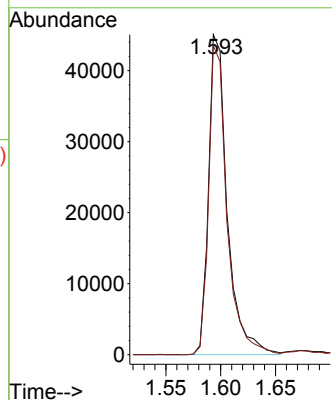
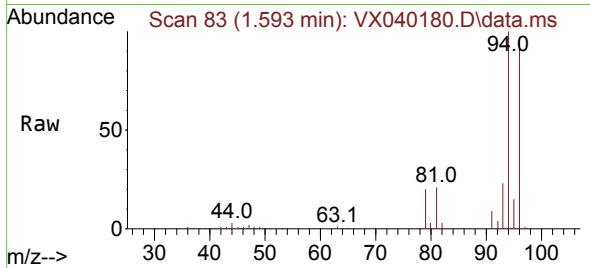




#5
Bromomethane
Concen: 90.126 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX040180.D
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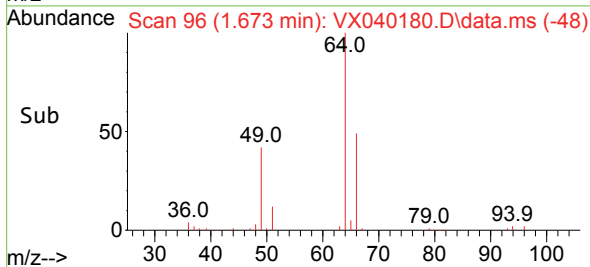
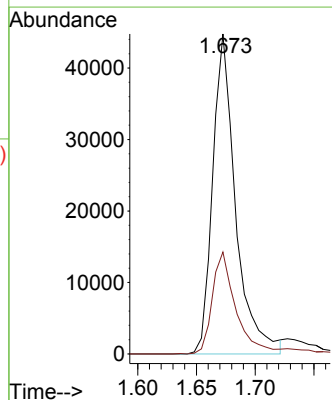
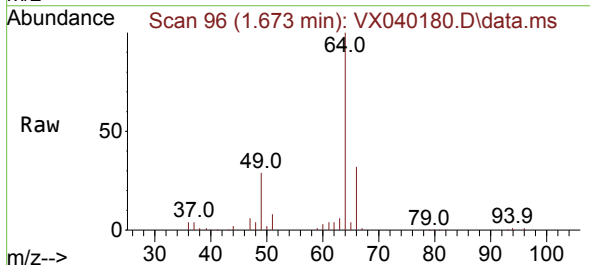
Instrument :
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ClientSampleId :
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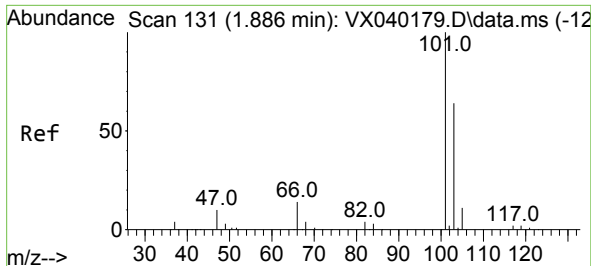
Tgt Ion: 94 Resp: 53508
Ion Ratio Lower Upper
94 100
96 96.6 74.6 111.8



#6
Chloroethane
Concen: 91.543 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 64 Resp: 60741
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7

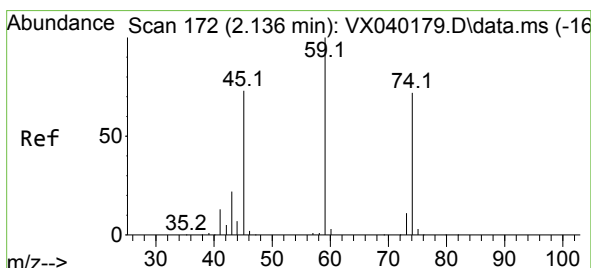
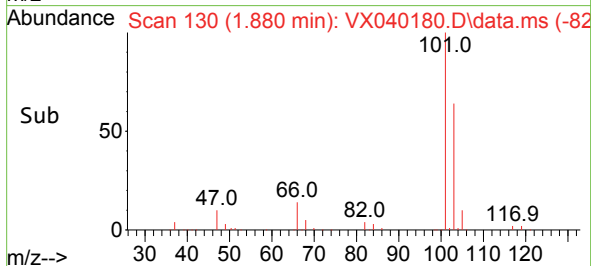
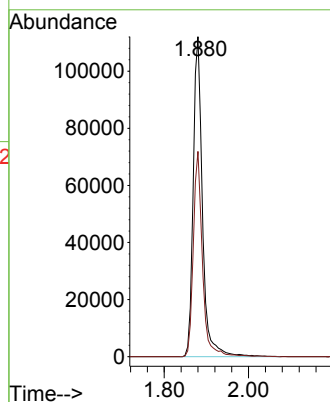
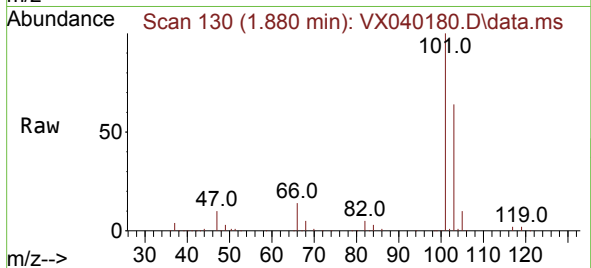




#7
Trichlorofluoromethane
Concen: 101.625 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040180.D
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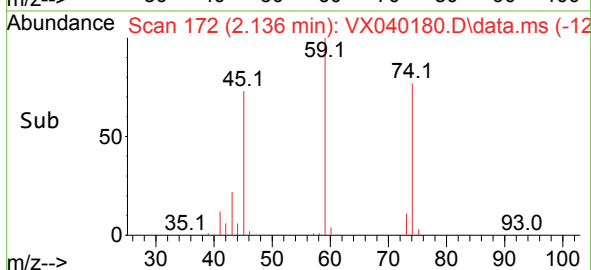
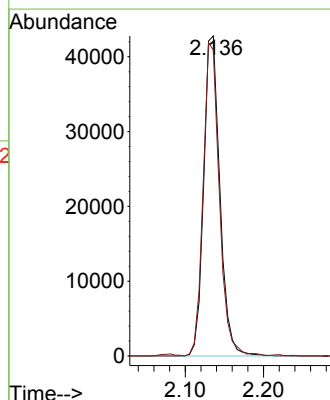
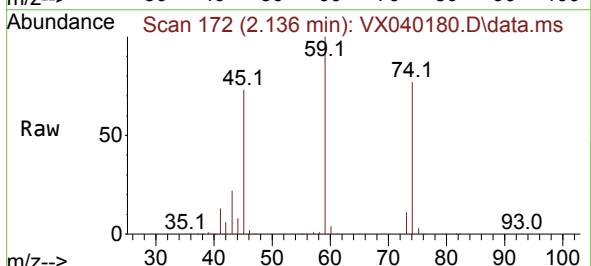
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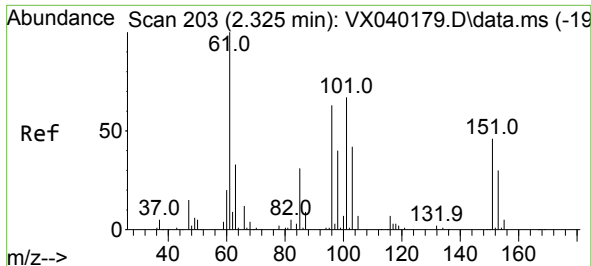
Tgt Ion:101 Resp: 171703
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2



#8
Diethyl Ether
Concen: 96.644 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 74 Resp: 61339
Ion Ratio Lower Upper
74 100
45 98.0 53.3 159.8

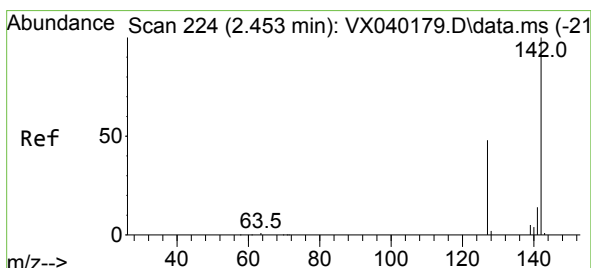
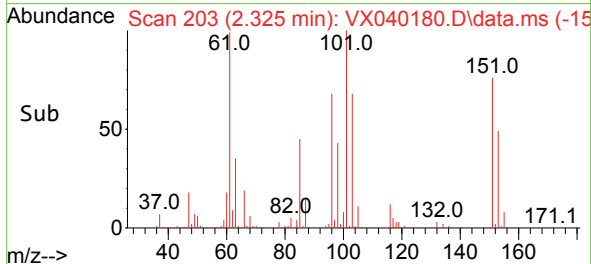
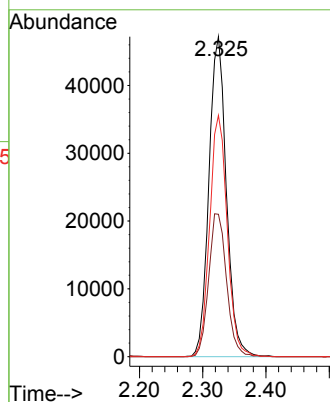
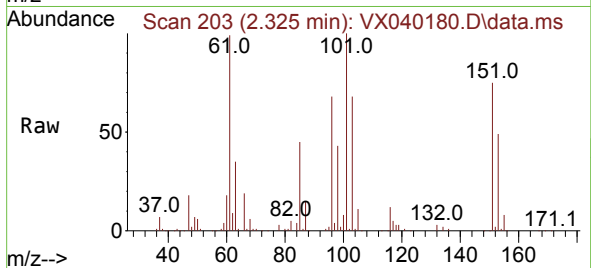




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.824 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
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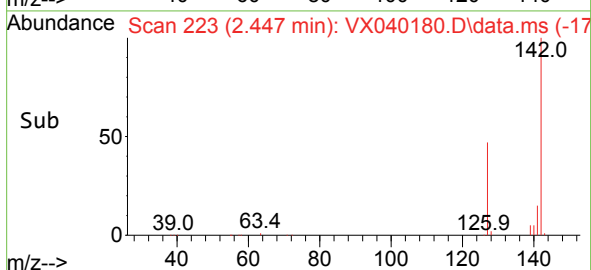
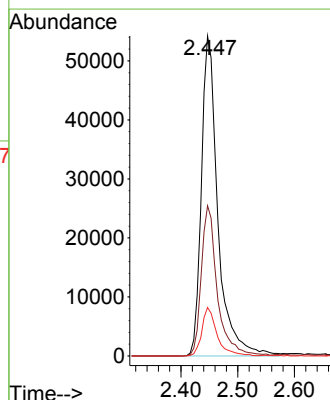
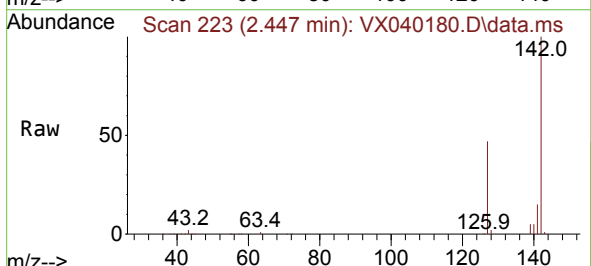
Instrument :
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ClientSampleId :
VSTDIC100

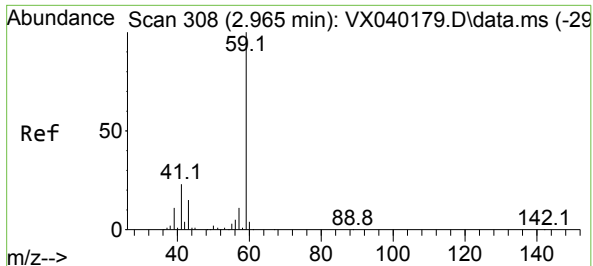
Tgt Ion:101 Resp: 90470
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 75.9 58.6 87.8



#10
Methyl Iodide
Concen: 108.919 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion:142 Resp: 109592
Ion Ratio Lower Upper
142 100
127 45.6 41.6 62.4
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 511.018 ug/l

RT: 2.977 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

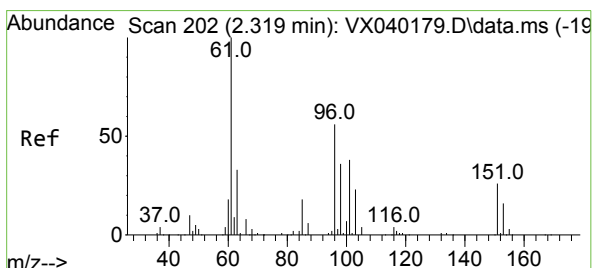
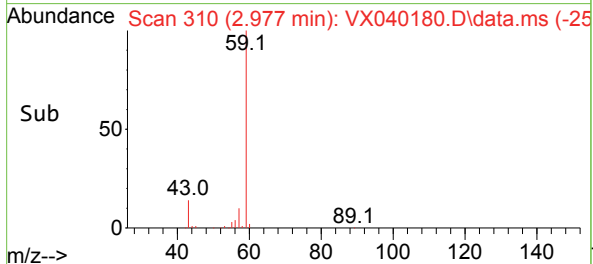
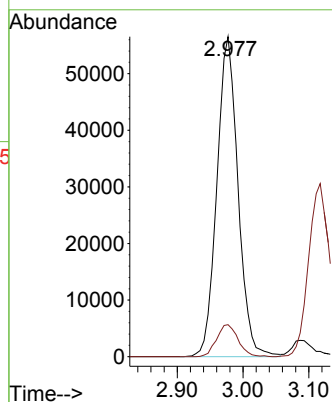
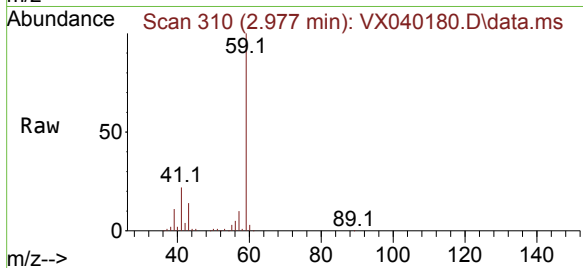
VSTDIC100

Tgt Ion: 59 Resp: 126566

Ion Ratio Lower Upper

59 100

57 10.2 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 101.280 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

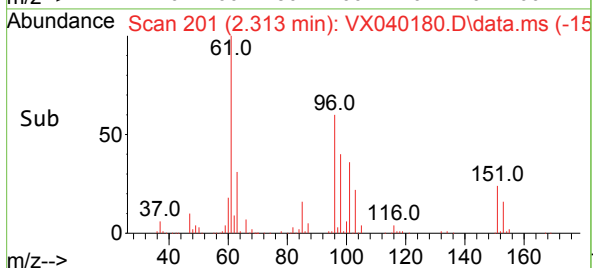
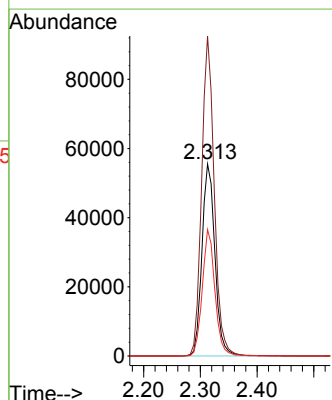
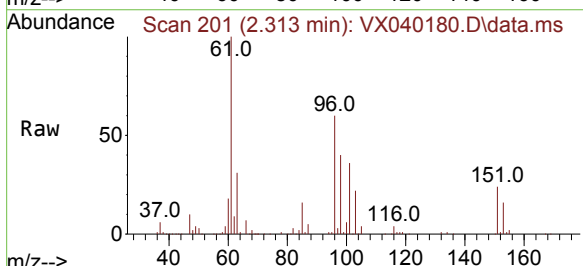
Tgt Ion: 96 Resp: 88378

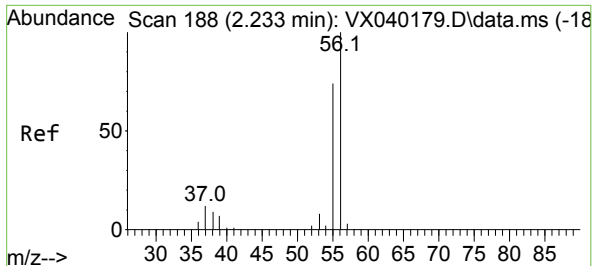
Ion Ratio Lower Upper

96 100

61 166.7 144.6 216.8

98 65.9 50.4 75.6





#13

Acrolein

Concen: 498.039 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

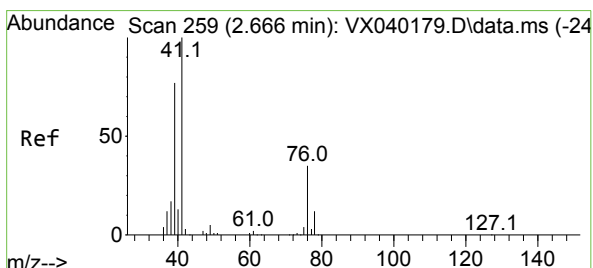
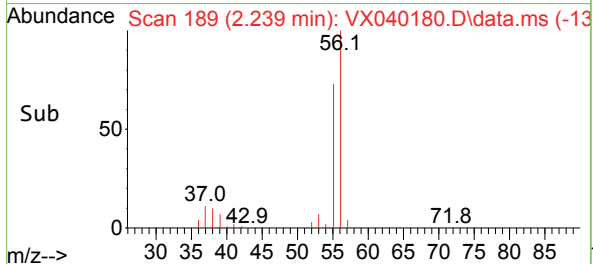
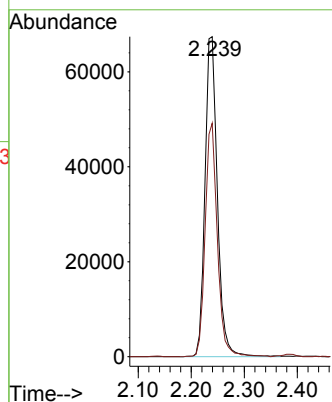
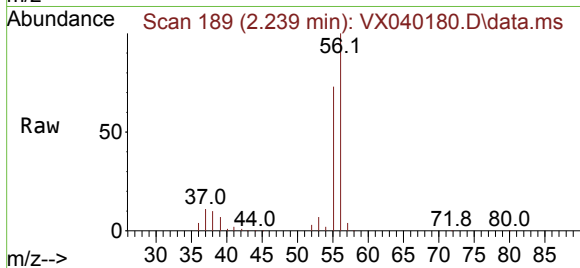
VSTDICC100

Tgt Ion: 56 Resp: 109178

Ion Ratio Lower Upper

56 100

55 72.0 57.1 85.7



#14

Allyl chloride

Concen: 100.895 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

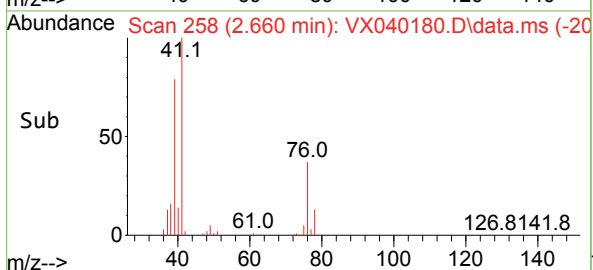
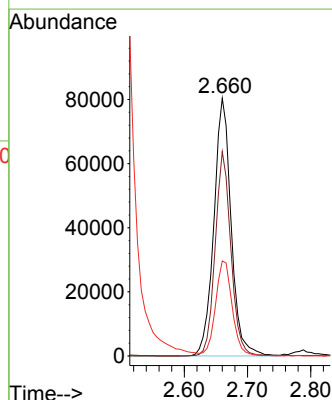
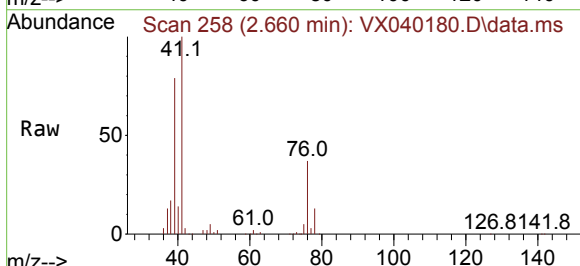
Tgt Ion: 41 Resp: 152787

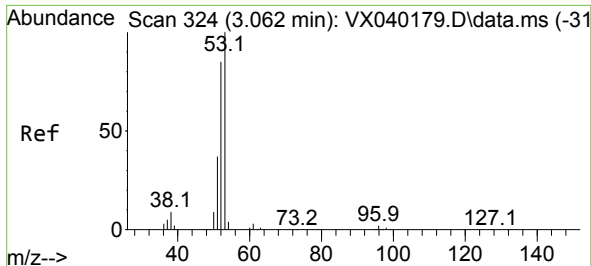
Ion Ratio Lower Upper

41 100

39 71.8 55.8 83.6

76 35.5 24.3 36.5

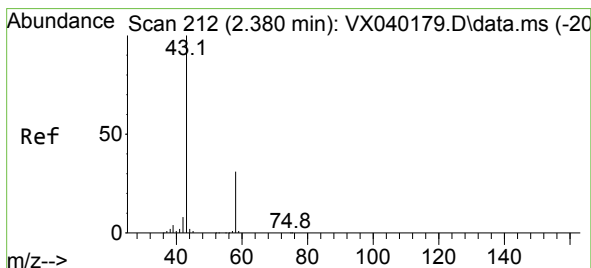
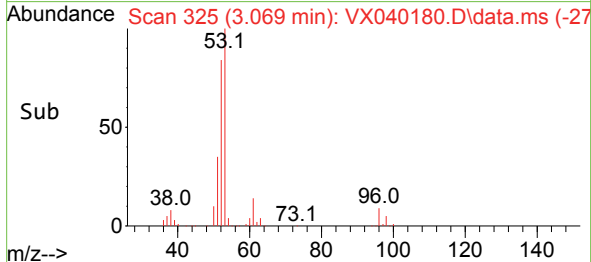
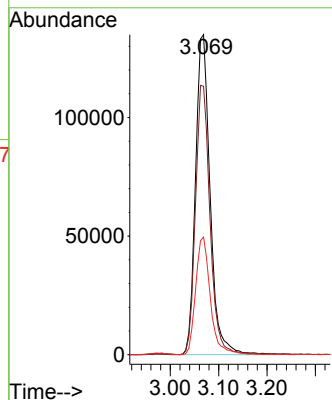
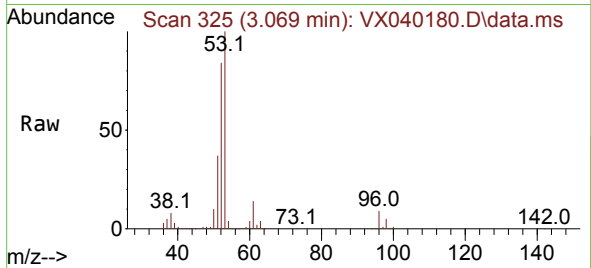




#15
Acrylonitrile
Concen: 511.223 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

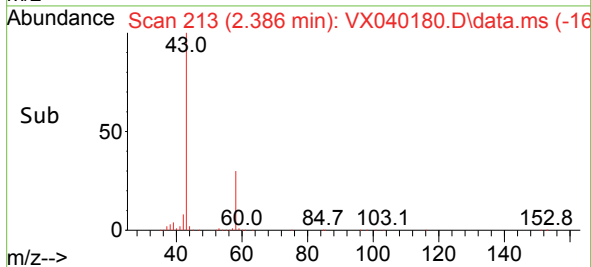
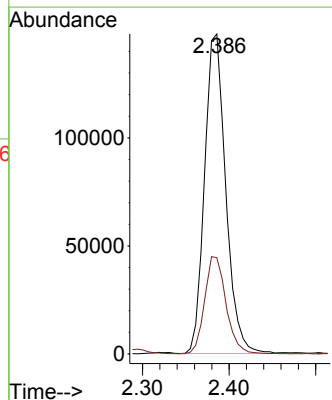
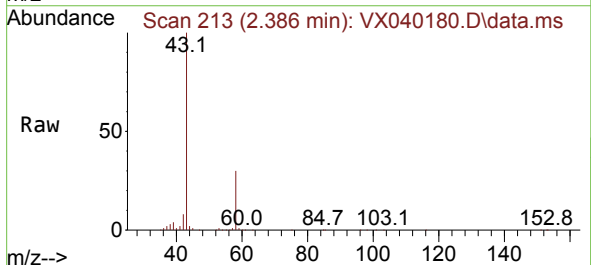
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

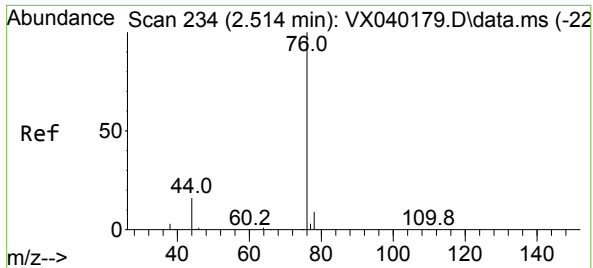
Tgt Ion: 53 Resp: 283302
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 37.0 29.8 44.6



#16
Acetone
Concen: 481.023 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 43 Resp: 251203
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9

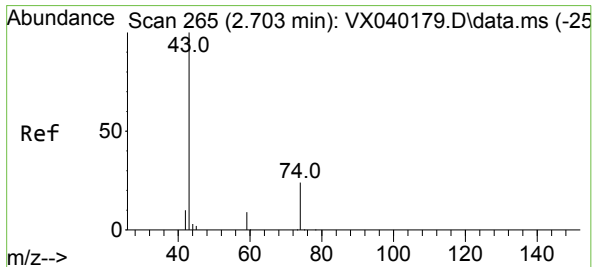
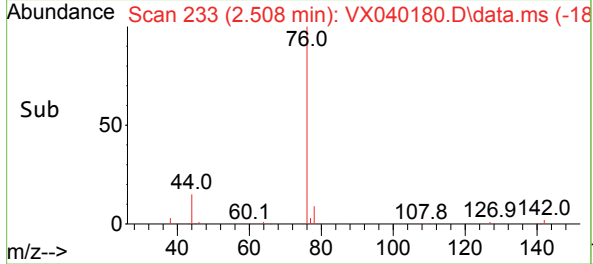
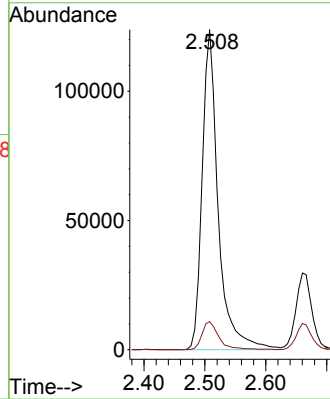
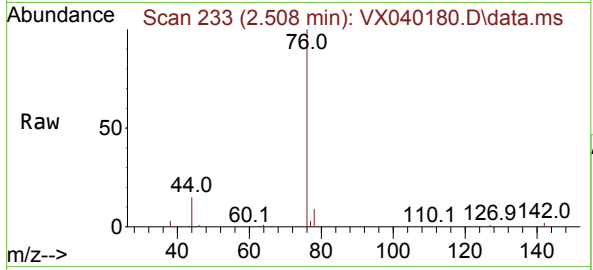




#17
Carbon Disulfide
Concen: 98.032 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

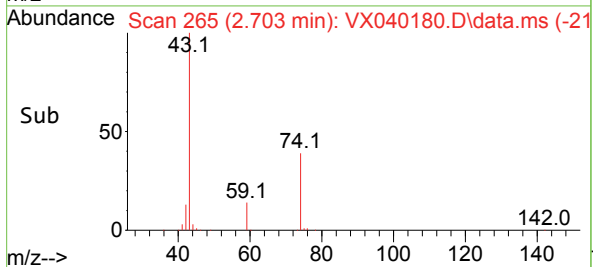
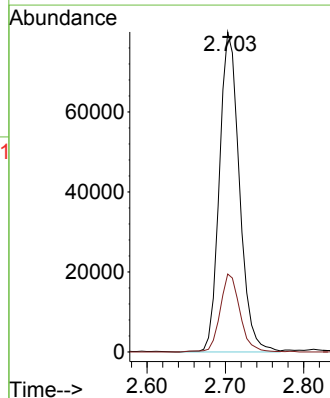
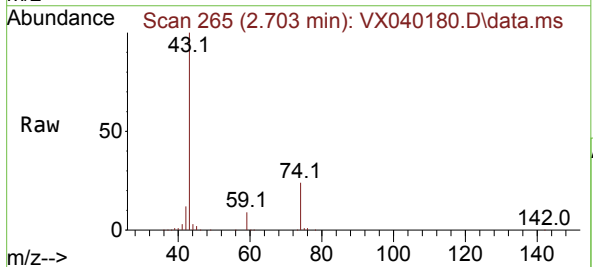
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

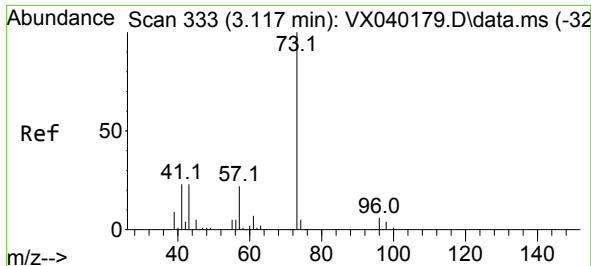
Tgt Ion: 76 Resp: 225839
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 101.574 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 43 Resp: 142198
Ion Ratio Lower Upper
43 100
74 24.1 17.8 26.8

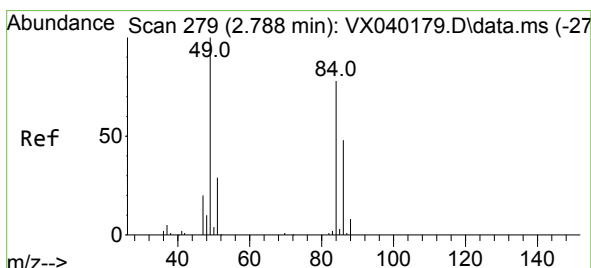
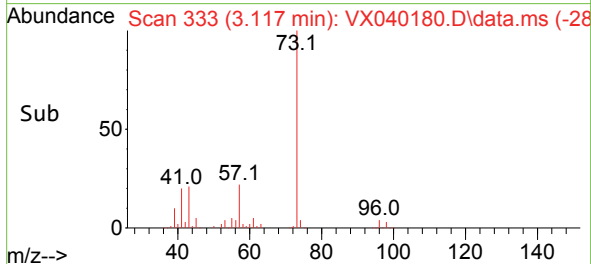
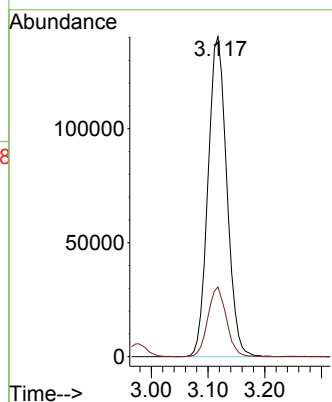
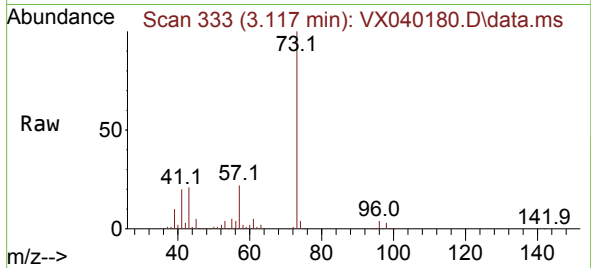




#19
Methyl tert-butyl Ether
Concen: 105.160 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

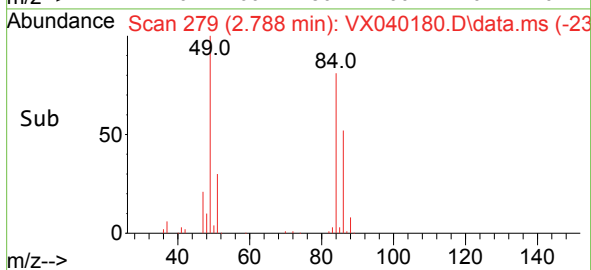
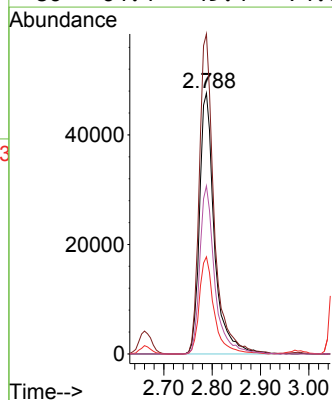
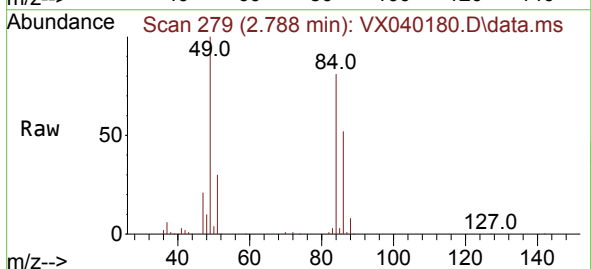
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

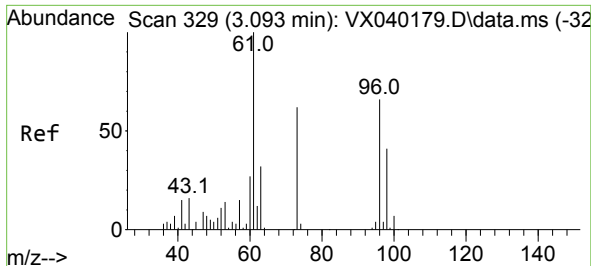
Tgt Ion: 73 Resp: 323282
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 105.969 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 84 Resp: 101997
Ion Ratio Lower Upper
84 100
49 122.7 103.6 155.4
51 37.3 33.8 50.6
86 64.4 49.4 74.0

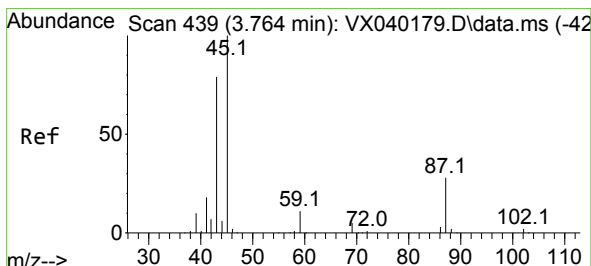
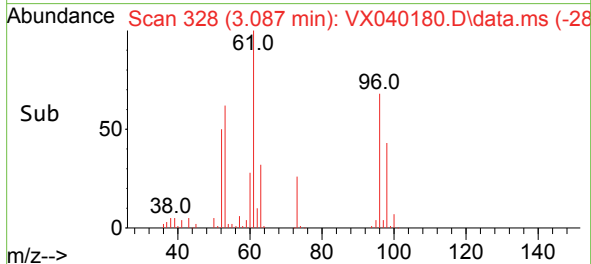
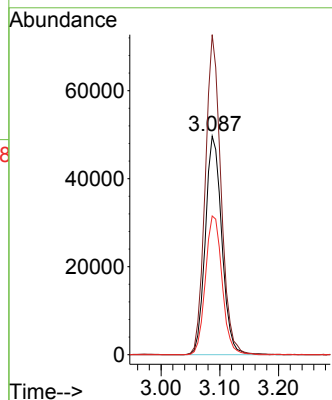
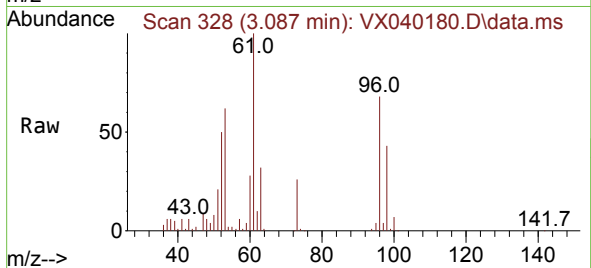




#21
trans-1,2-Dichloroethene
Concen: 97.104 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

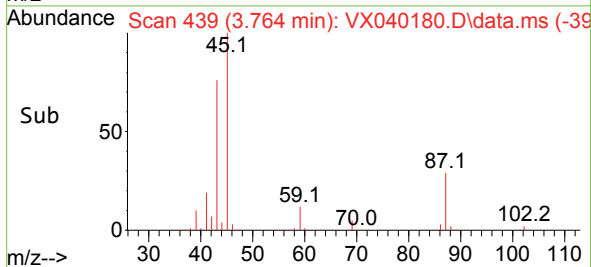
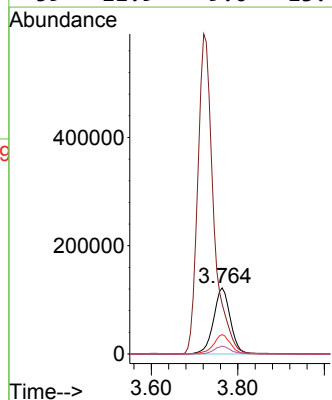
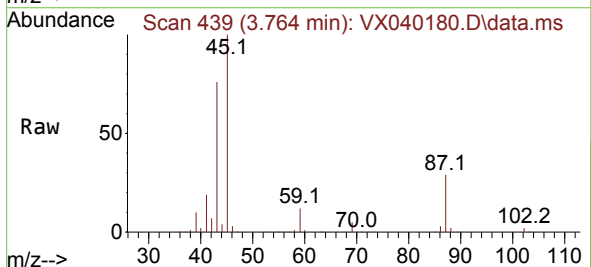
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

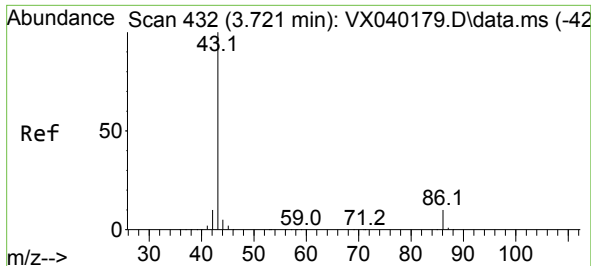
Tgt Ion: 96 Resp: 96503
Ion Ratio Lower Upper
96 100
61 146.5 119.2 178.8
98 63.5 48.7 73.1



#22
Diisopropyl ether
Concen: 106.680 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 45 Resp: 327628
Ion Ratio Lower Upper
45 100
43 75.7 69.7 104.5
87 29.3 20.8 31.2
59 11.9 9.0 13.4

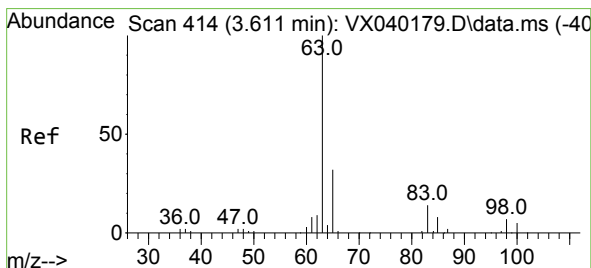
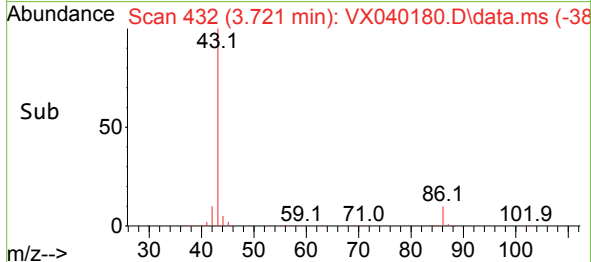
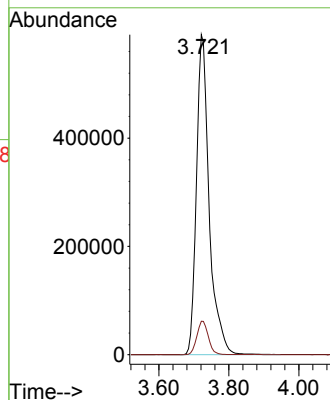
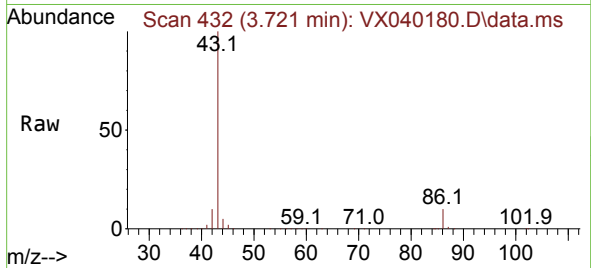




#23
 Vinyl Acetate
 Concen: 545.569 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040180.D
 Acq: 09 Feb 2024 17:42

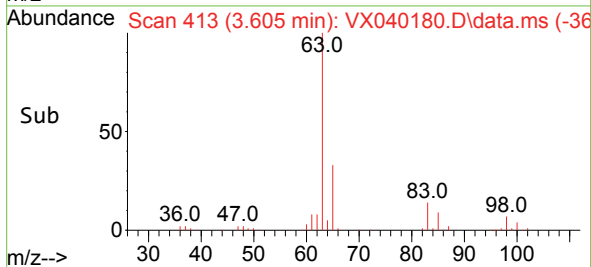
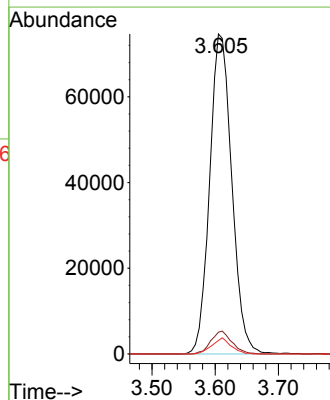
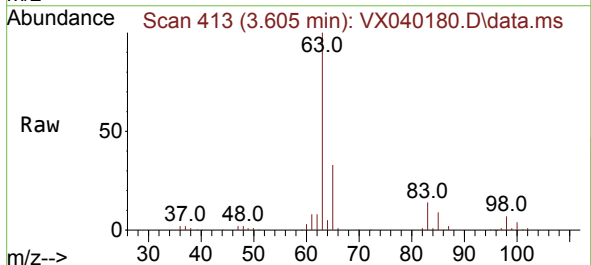
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

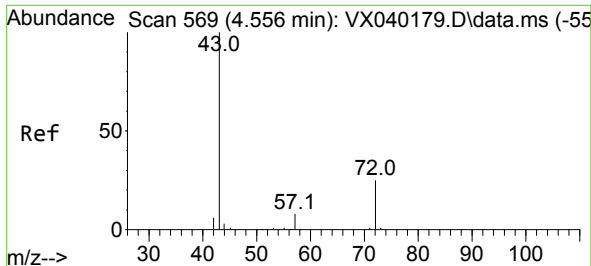
Tgt Ion: 43 Resp: 1493650
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 101.374 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040180.D
 Acq: 09 Feb 2024 17:42

Tgt Ion: 63 Resp: 181352
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 506.311 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

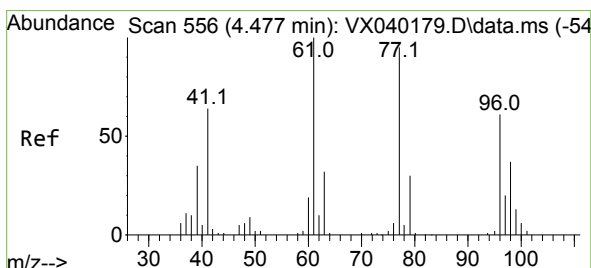
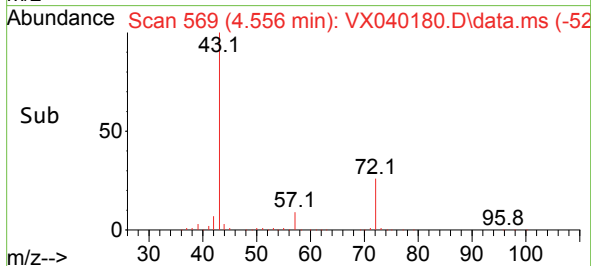
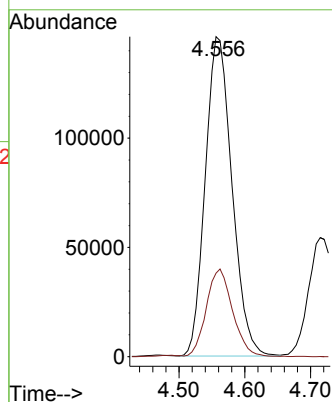
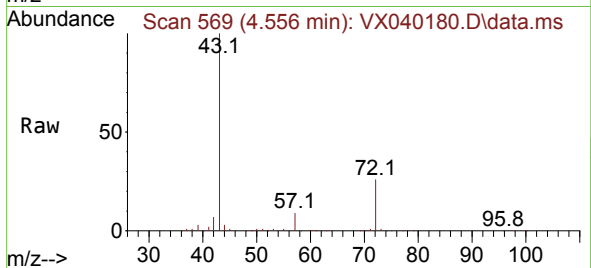
VSTDIC100

Tgt Ion: 43 Resp: 413307

Ion Ratio Lower Upper

43 100

72 26.1 19.4 29.2



#26

2,2-Dichloropropane

Concen: 109.695 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX040180.D

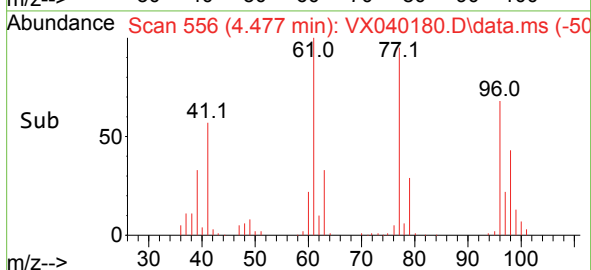
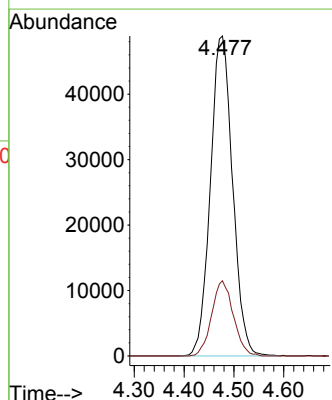
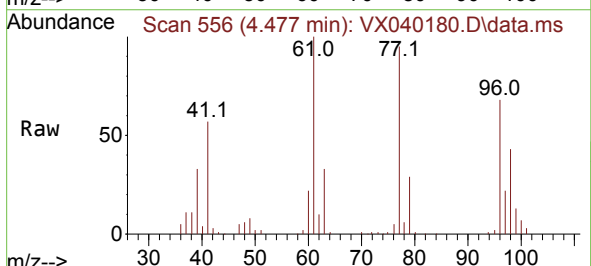
Acq: 09 Feb 2024 17:42

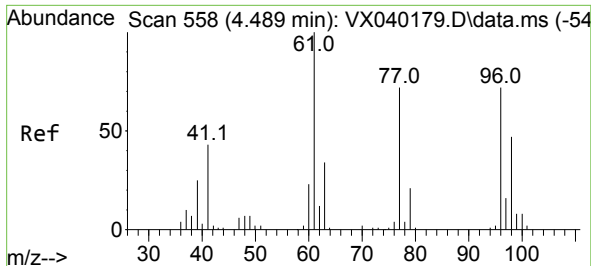
Tgt Ion: 77 Resp: 151063

Ion Ratio Lower Upper

77 100

97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 102.054 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

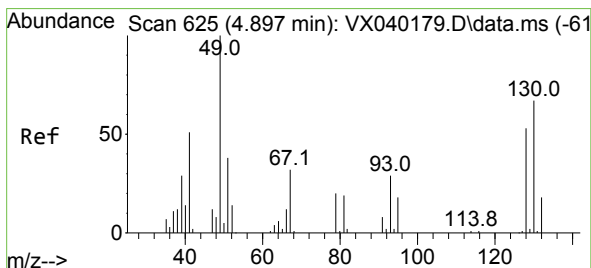
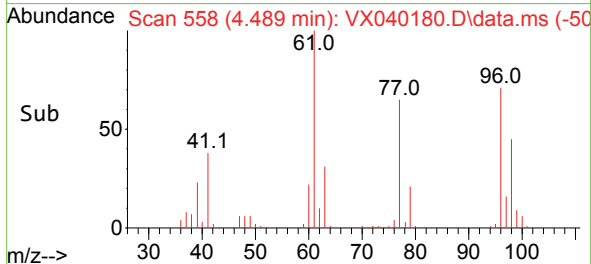
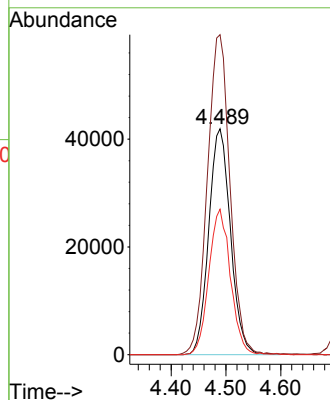
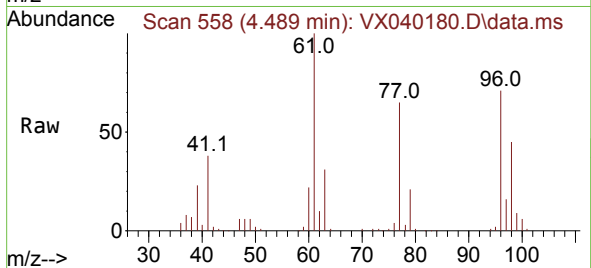
Tgt Ion: 96 Resp: 115701

Ion Ratio Lower Upper

96 100

61 147.3 0.0 312.2

98 63.9 0.0 129.0



#28

Bromochloromethane

Concen: 101.031 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

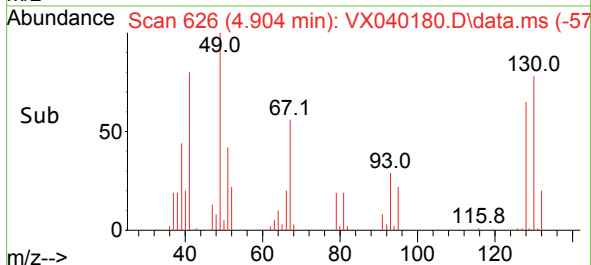
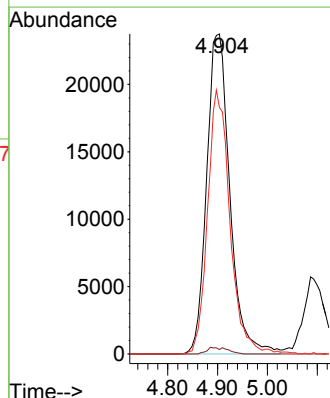
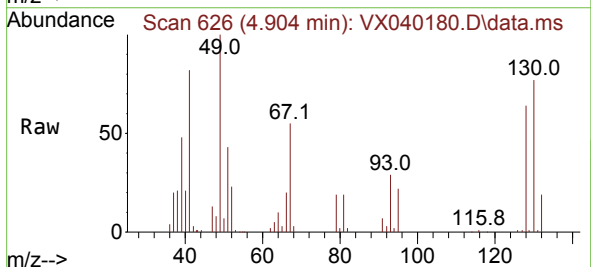
Tgt Ion: 49 Resp: 76736

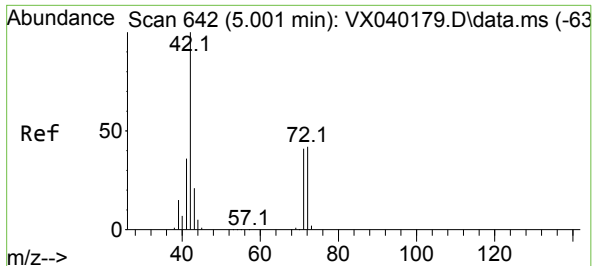
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

130 79.3 57.5 86.3

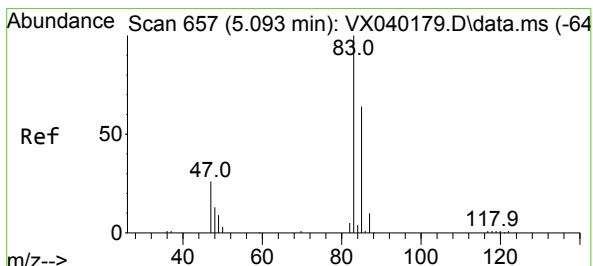
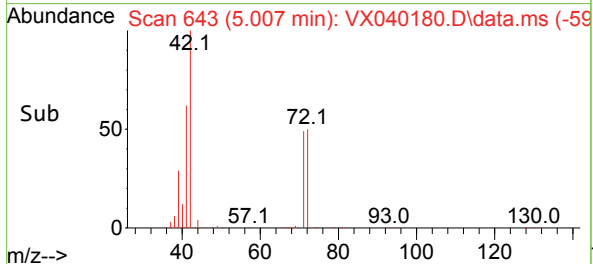
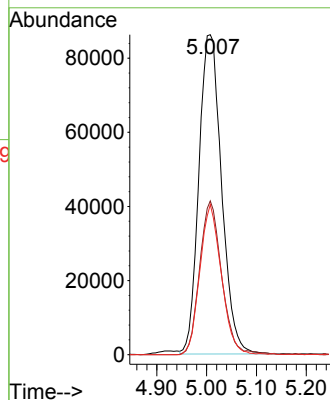
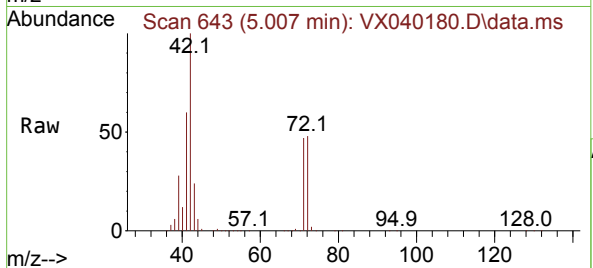




#29
Tetrahydrofuran
Concen: 512.012 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

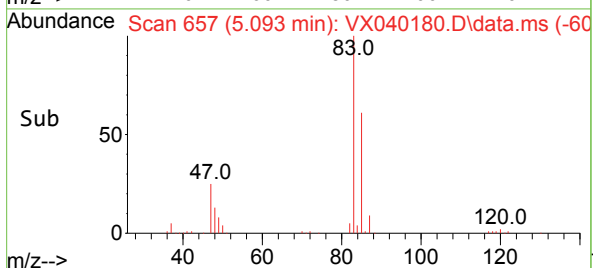
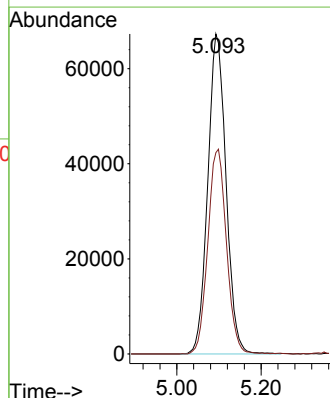
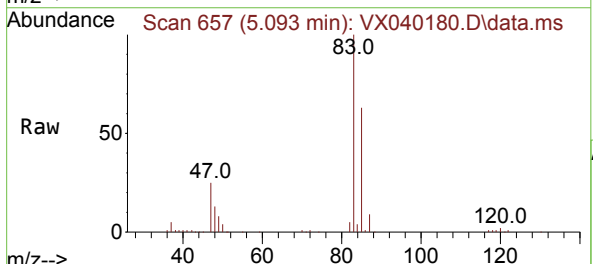
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

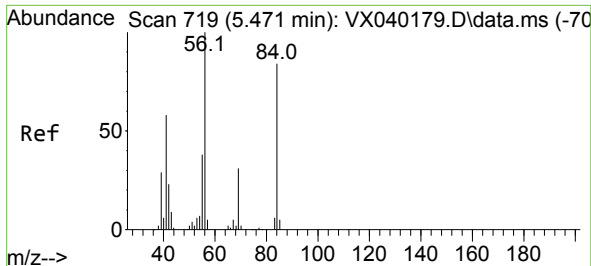
Tgt Ion: 42 Resp: 272299
Ion Ratio Lower Upper
42 100
72 46.9 34.2 51.4
71 44.4 32.2 48.2



#30
Chloroform
Concen: 104.682 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 83 Resp: 202474
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5

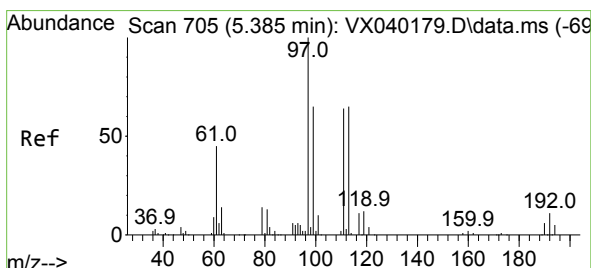
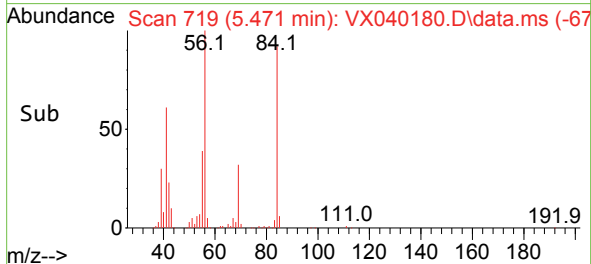
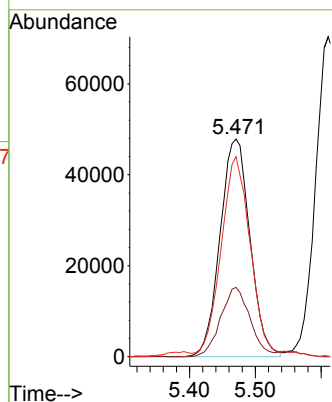
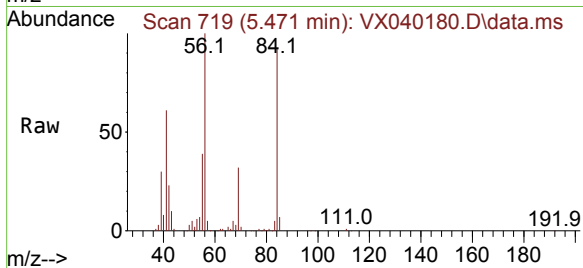




#31
Cyclohexane
Concen: 99.854 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

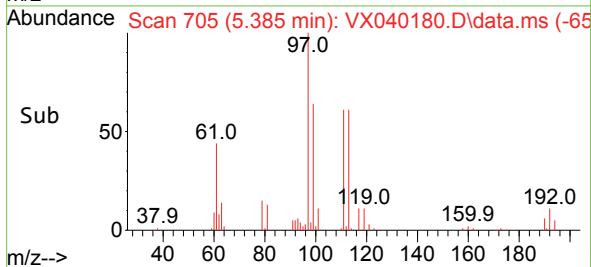
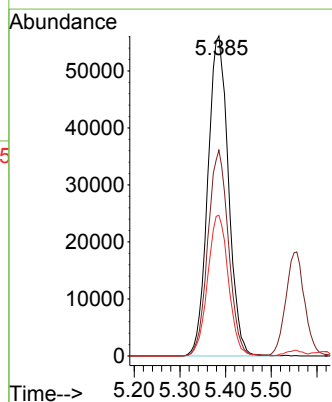
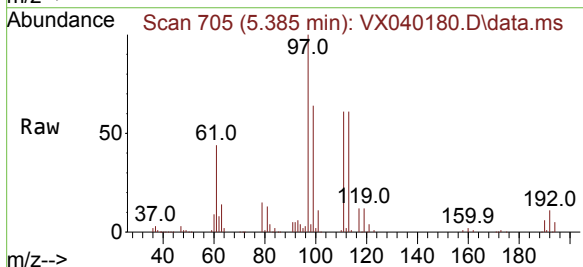
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

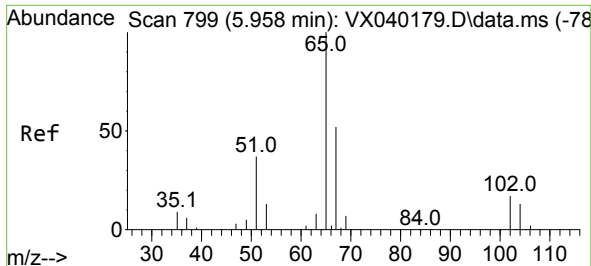
Tgt Ion: 56 Resp: 151442
Ion Ratio Lower Upper
56 100
69 31.8 23.4 35.2
84 90.0 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 107.922 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 97 Resp: 175606
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 44.4 36.4 54.6

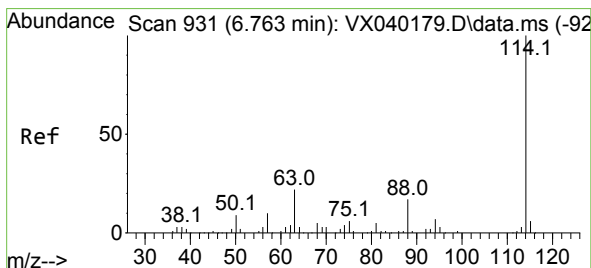
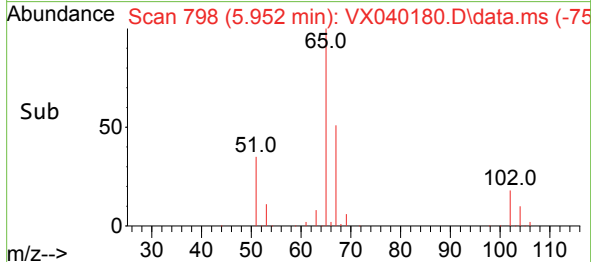
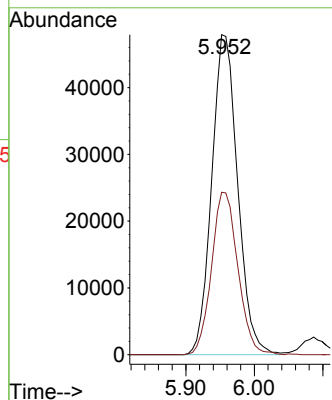
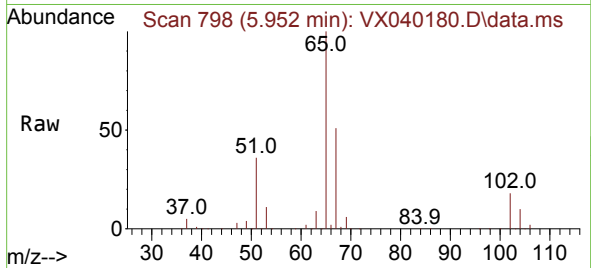




#33
1,2-Dichloroethane-d4
Concen: 99.017 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

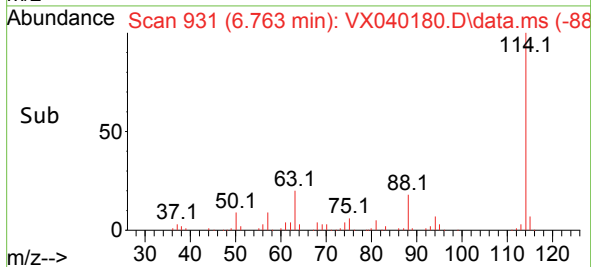
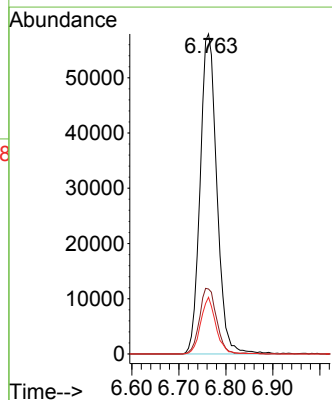
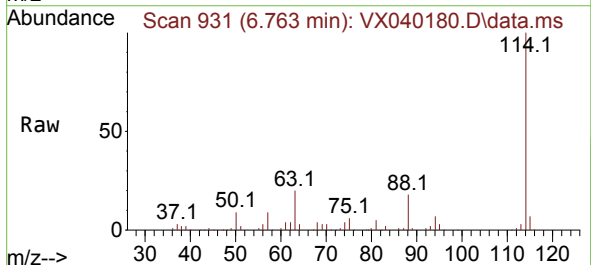
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

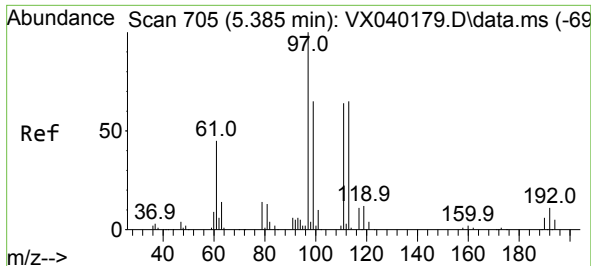
Tgt Ion: 65 Resp: 125903
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 114 Resp: 142868
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 17.7 0.0 36.6

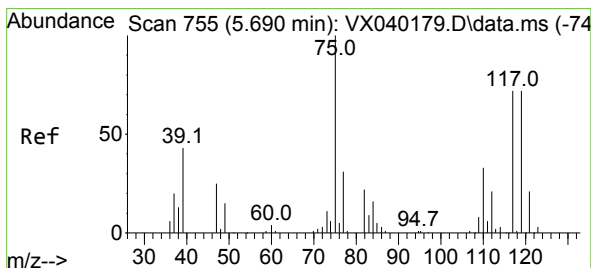
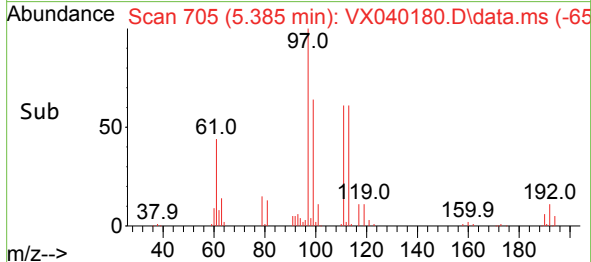
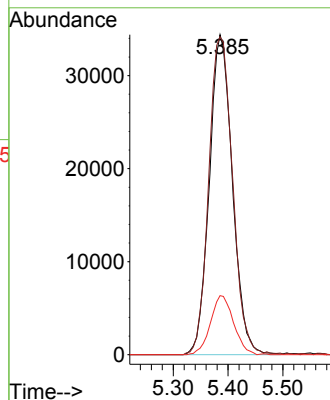
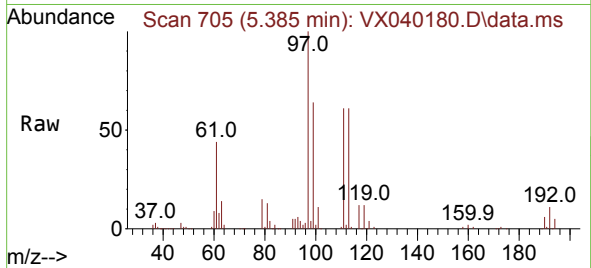




#35
Dibromofluoromethane
Concen: 100.741 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

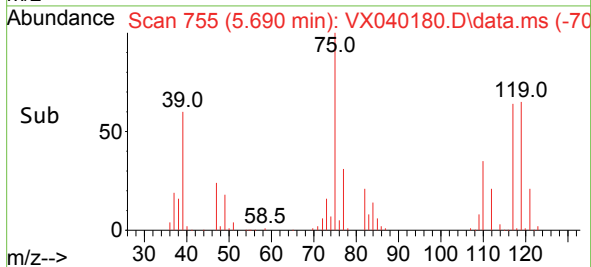
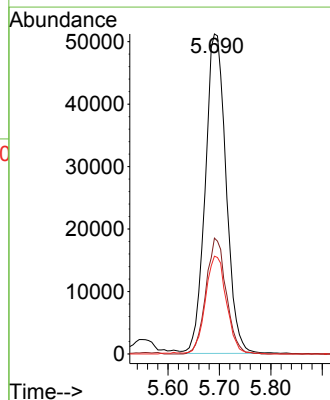
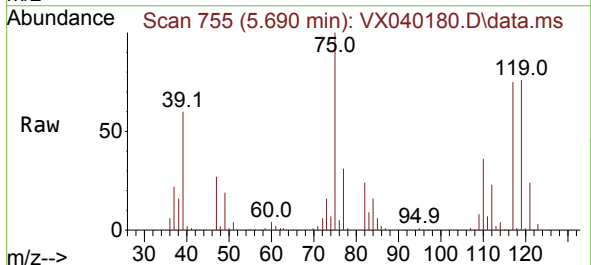
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

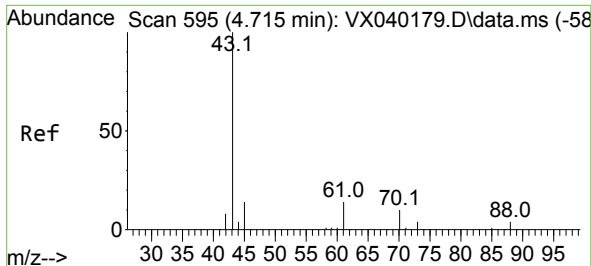
Tgt Ion:113 Resp: 100511
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 102.859 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 75 Resp: 143759
Ion Ratio Lower Upper
75 100
110 35.3 17.0 50.9
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 102.755 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

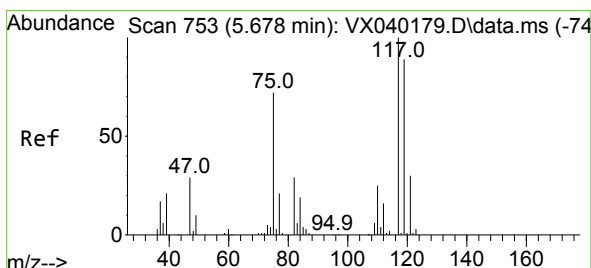
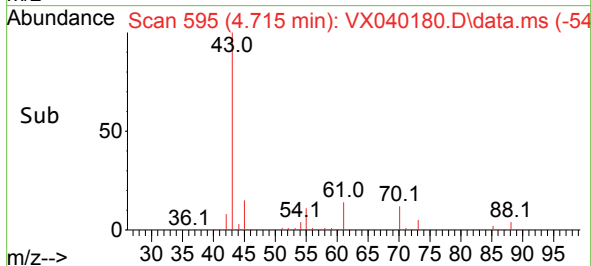
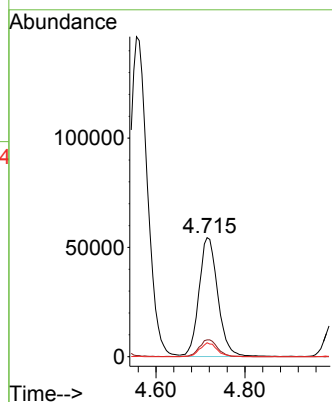
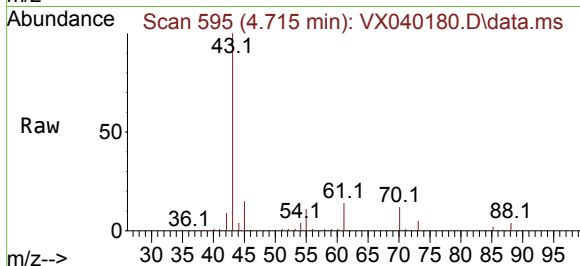
Tgt Ion: 43 Resp: 159798

Ion Ratio Lower Upper

43 100

61 14.1 10.6 16.0

70 10.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 108.410 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

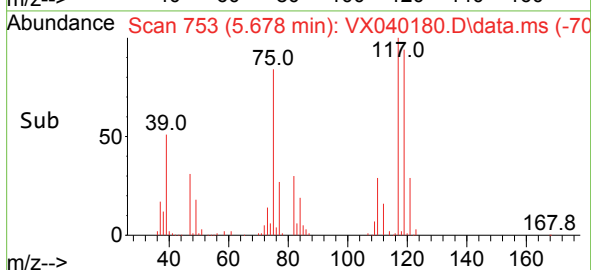
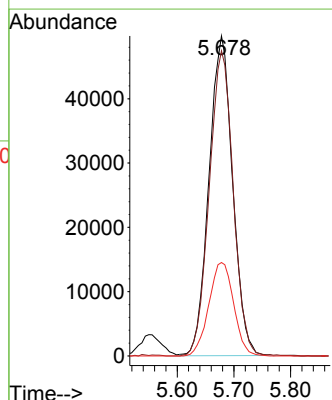
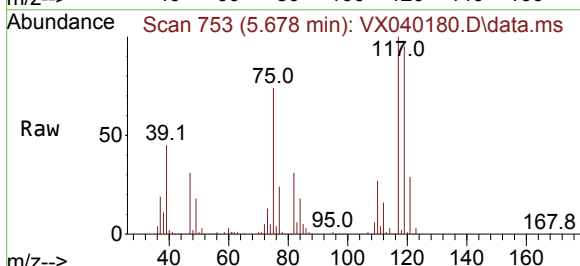
Tgt Ion: 117 Resp: 144062

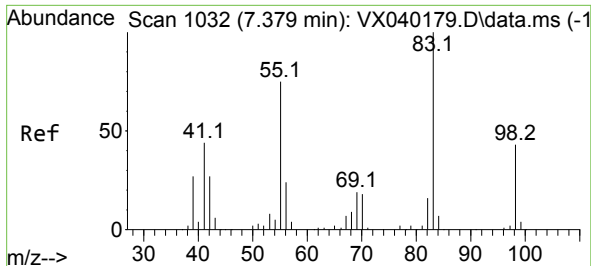
Ion Ratio Lower Upper

117 100

119 95.5 78.2 117.2

121 29.3 24.4 36.6

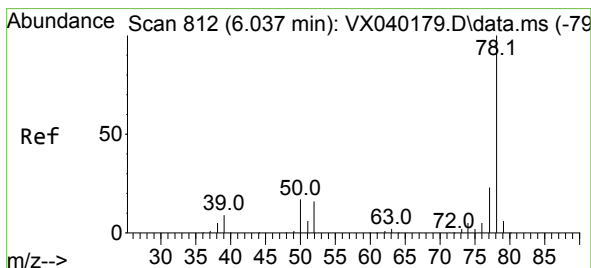
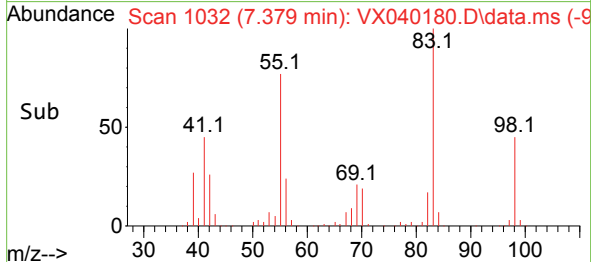
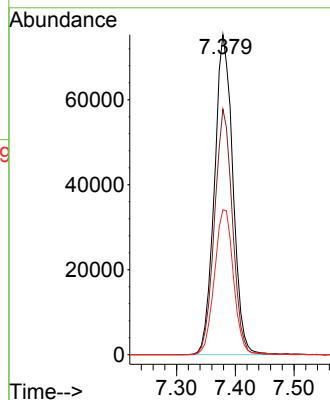
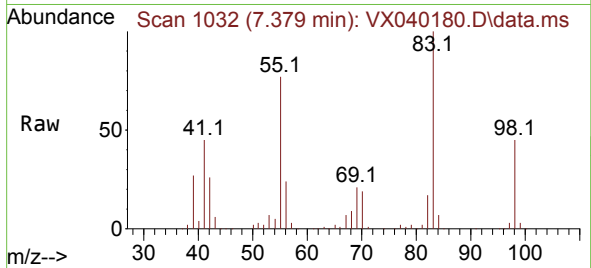




#39
Methylcyclohexane
Concen: 101.028 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

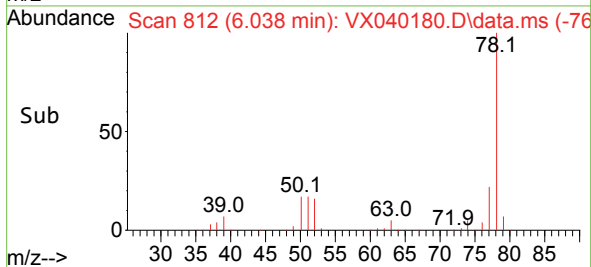
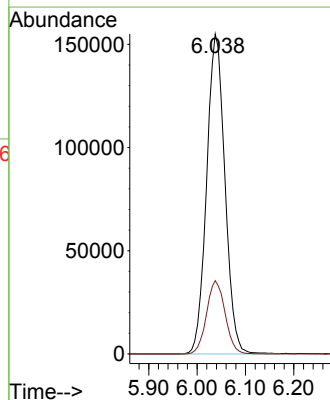
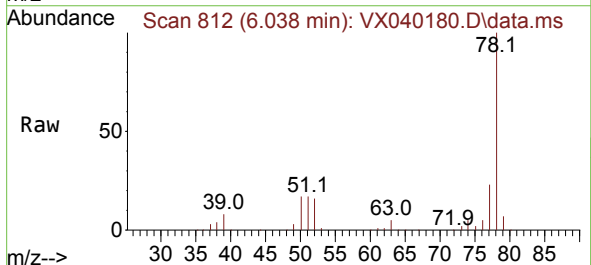
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

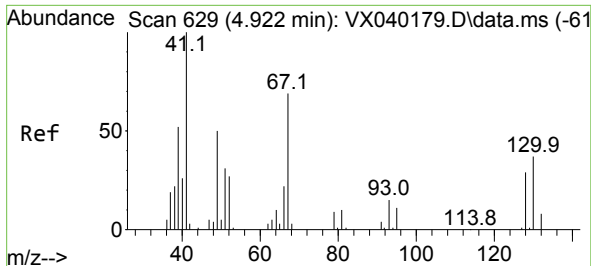
Tgt Ion: 83 Resp: 164092
Ion Ratio Lower Upper
83 100
55 76.7 64.6 97.0
98 45.3 36.7 55.1



#40
Benzene
Concen: 104.290 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 78 Resp: 407606
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9

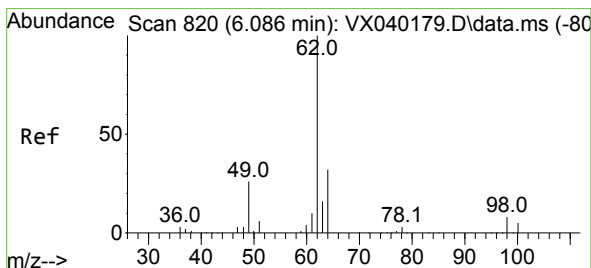
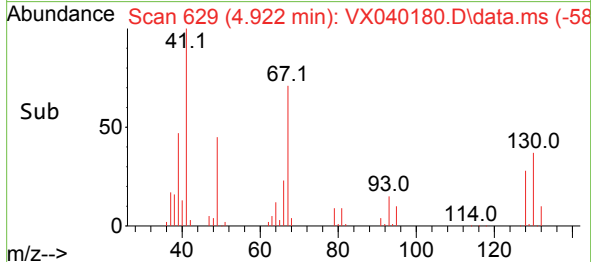
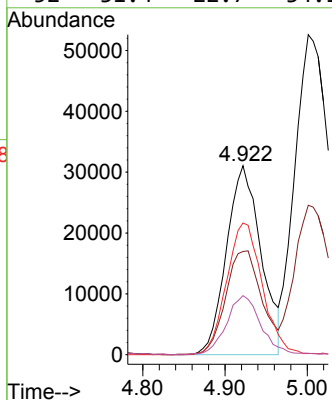
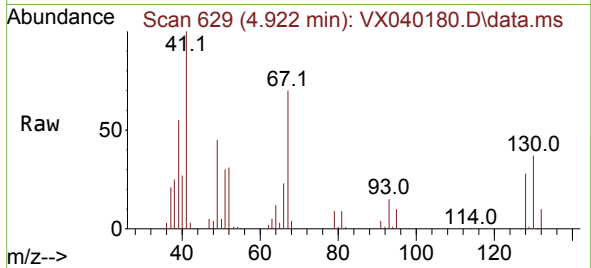




#41
Methacrylonitrile
Concen: 111.676 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

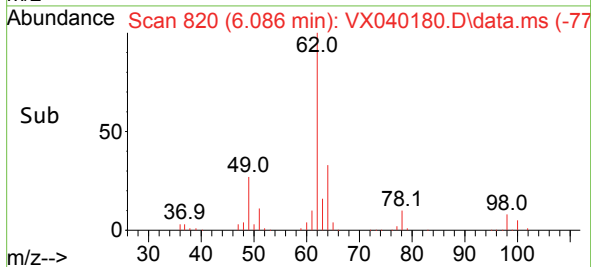
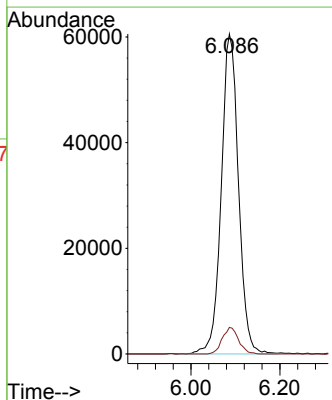
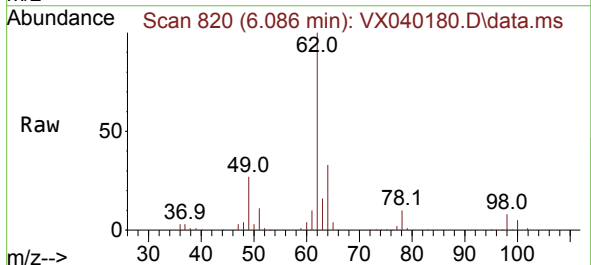
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

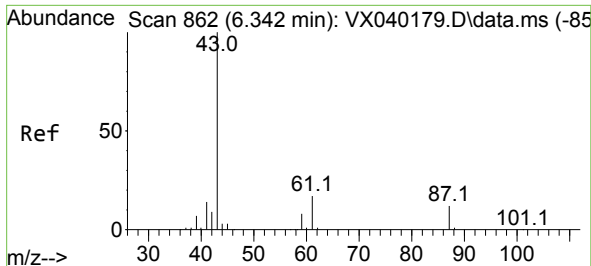
Tgt Ion: 41	Resp: 90788
Ion Ratio	Lower Upper
41 100	
39 57.8	45.2 67.8
67 71.8	52.6 78.8
52 31.4	22.7 34.1



#42
1,2-Dichloroethane
Concen: 106.236 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 62	Resp: 162294
Ion Ratio	Lower Upper
62 100	
98 7.9	0.0 16.0





#43

Isopropyl Acetate

Concen: 108.326 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

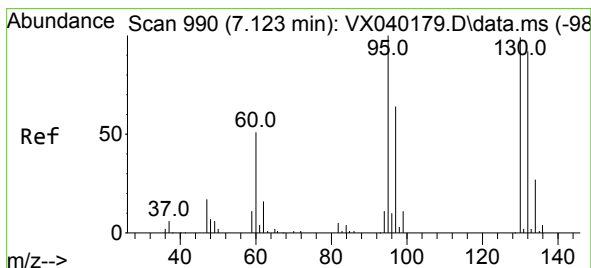
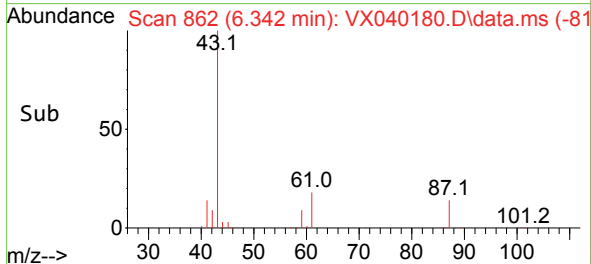
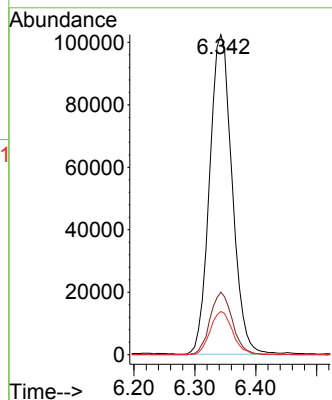
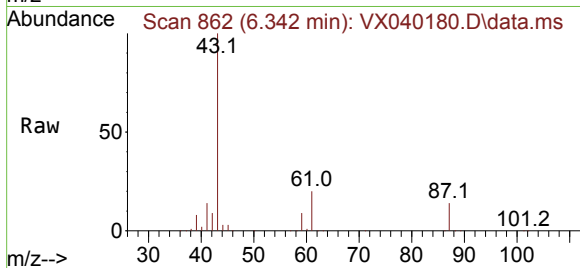
Tgt Ion: 43 Resp: 262978

Ion Ratio Lower Upper

43 100

61 19.4 15.2 22.8

87 13.4 9.8 14.6



#44

Trichloroethene

Concen: 102.074 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040180.D

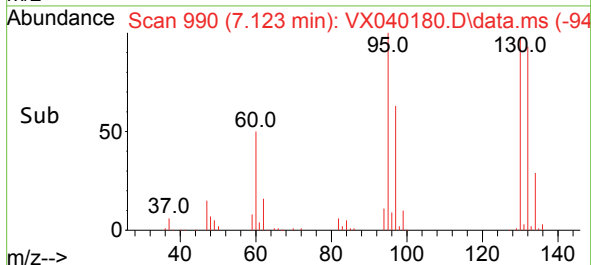
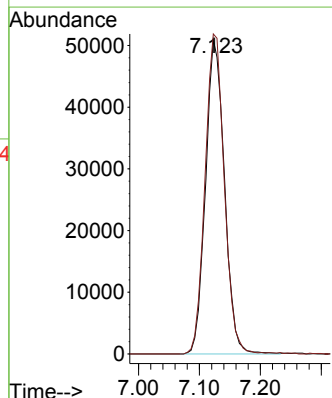
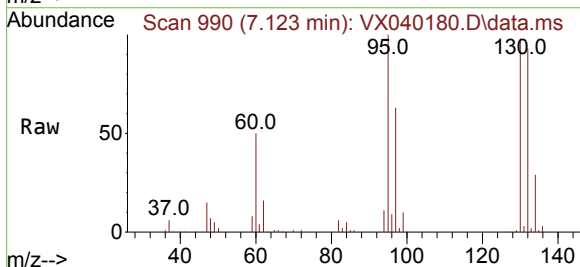
Acq: 09 Feb 2024 17:42

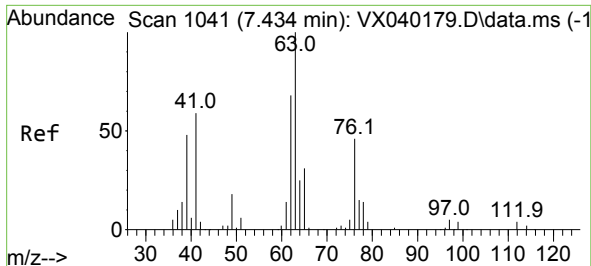
Tgt Ion:130 Resp: 110046

Ion Ratio Lower Upper

130 100

95 101.8 0.0 204.4

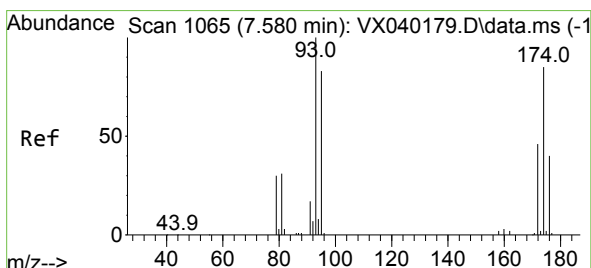
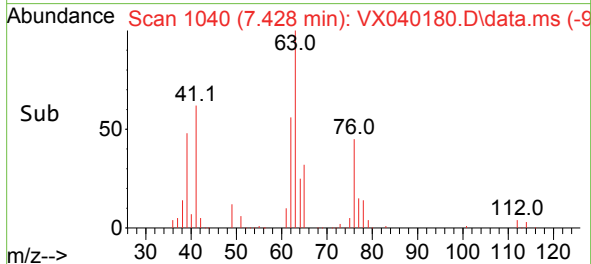
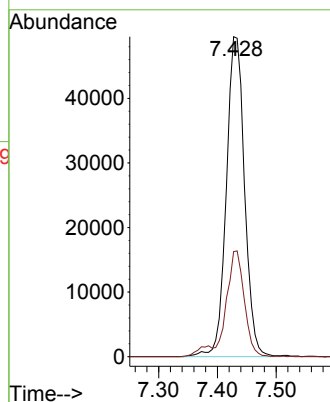
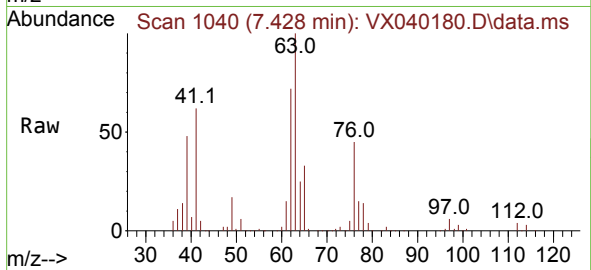




#45
1,2-Dichloropropane
Concen: 105.233 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

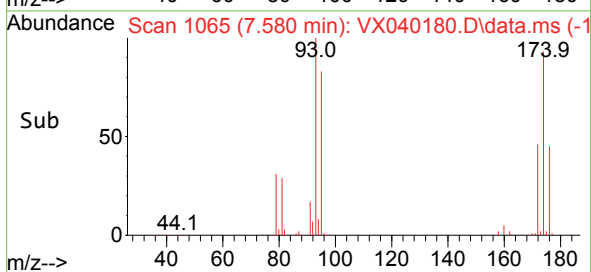
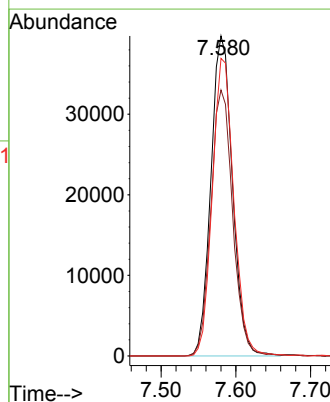
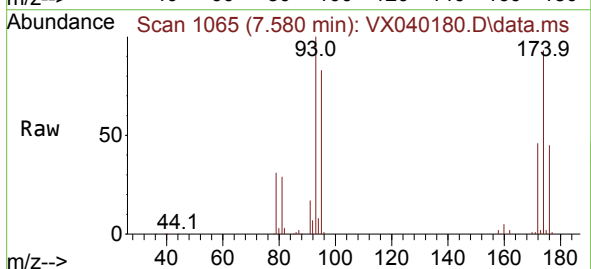
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

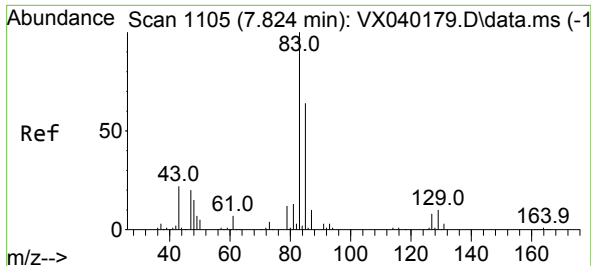
Tgt Ion: 63 Resp: 107053
Ion Ratio Lower Upper
63 100
65 32.9 24.3 36.5



#46
Dibromomethane
Concen: 106.511 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 93 Resp: 79800
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 92.4 69.4 104.0

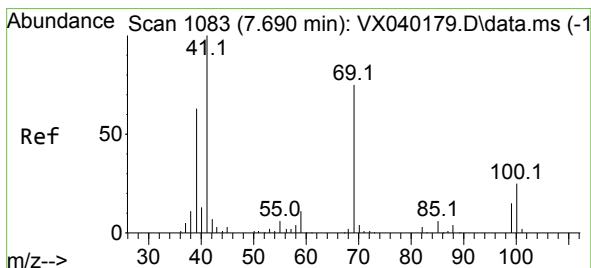
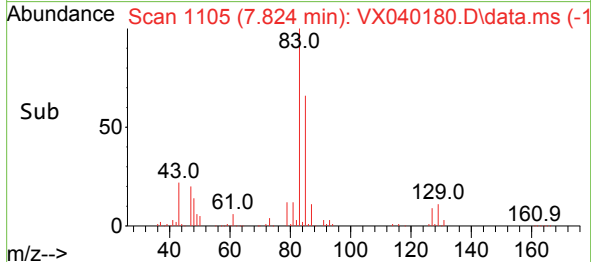
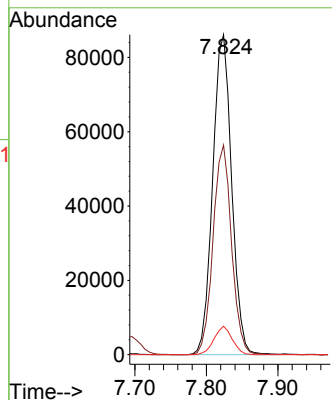
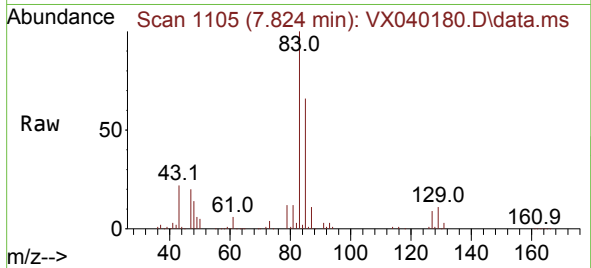




#47
Bromodichloromethane
Concen: 109.688 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

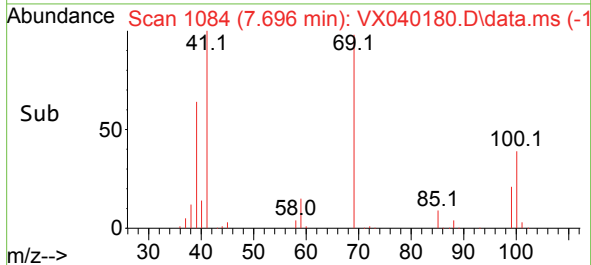
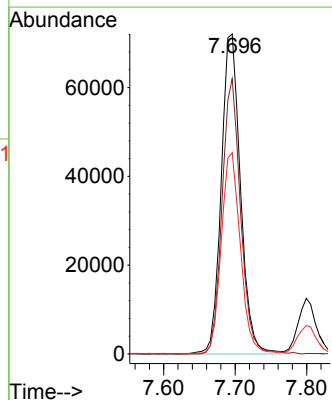
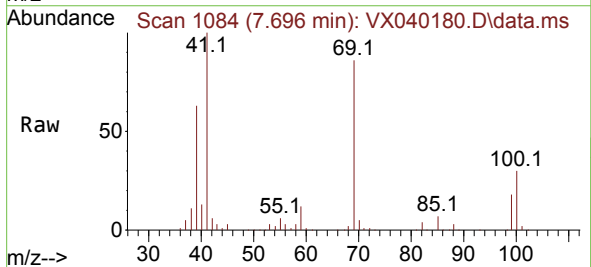
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

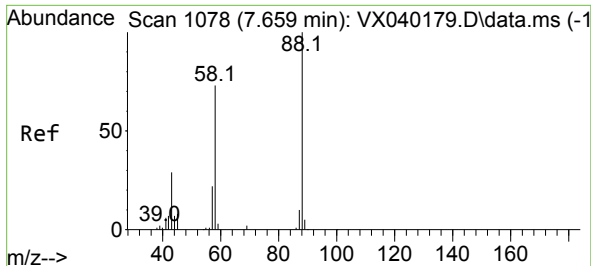
Tgt Ion: 83 Resp: 158347
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 108.317 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 41 Resp: 134550
Ion Ratio Lower Upper
41 100
69 83.0 59.2 88.8
39 63.0 47.7 71.5





#49

1,4-Dioxane

Concen: 2078.174 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

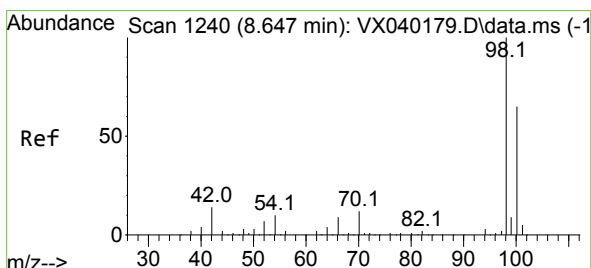
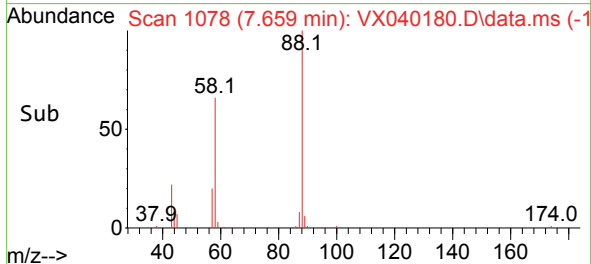
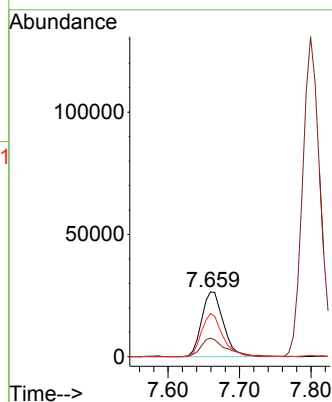
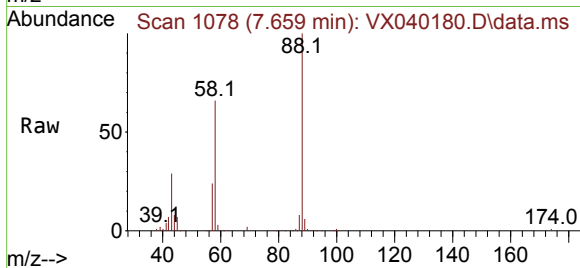
Tgt Ion: 88 Resp: 56159

Ion Ratio Lower Upper

88 100

43 32.6 0.0 0.0#

58 65.3 60.1 90.1



#50

Toluene-d8

Concen: 99.705 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX040180.D

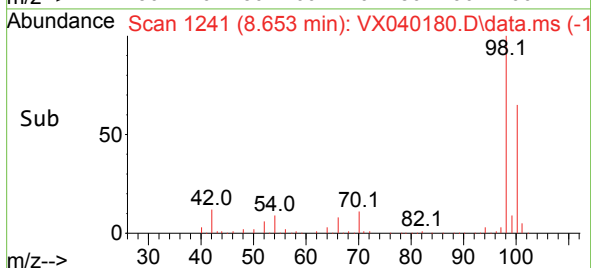
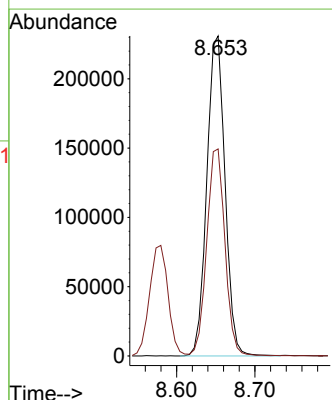
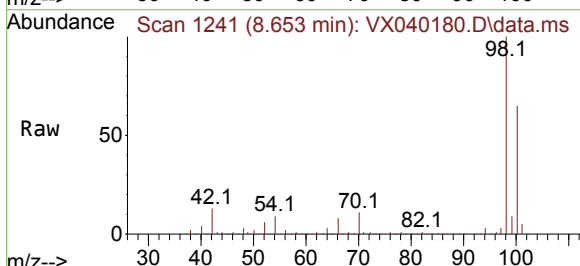
Acq: 09 Feb 2024 17:42

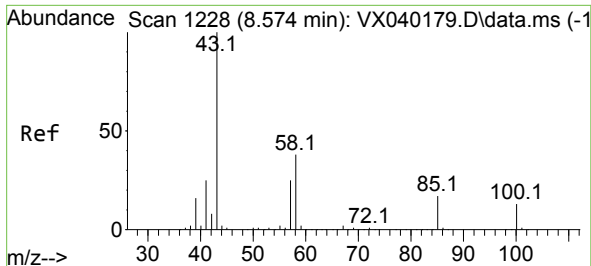
Tgt Ion: 98 Resp: 372115

Ion Ratio Lower Upper

98 100

100 64.6 53.1 79.7

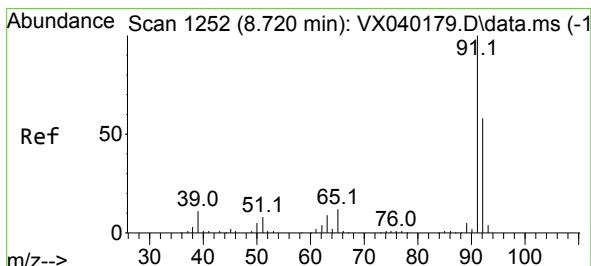
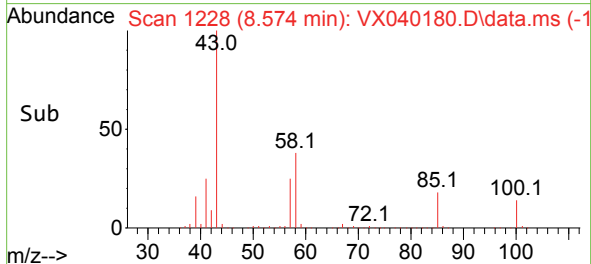
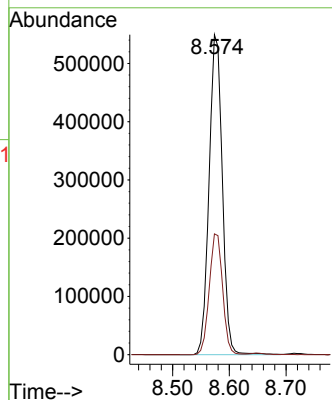
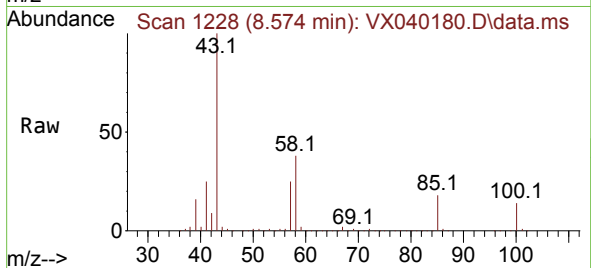




#51
4-Methyl-2-Pentanone
Concen: 538.644 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

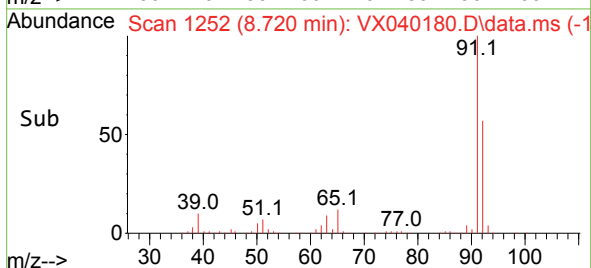
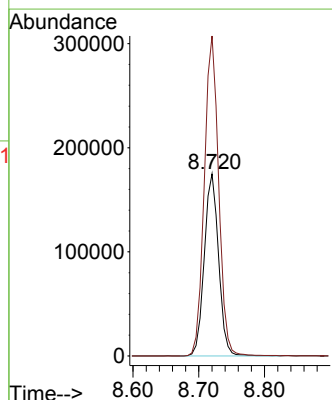
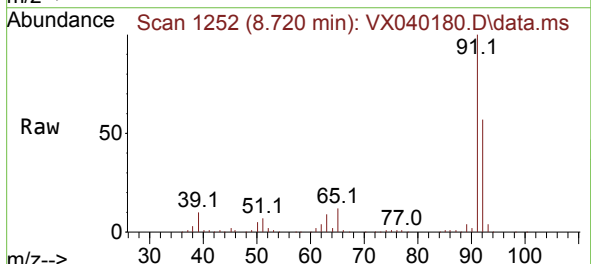
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

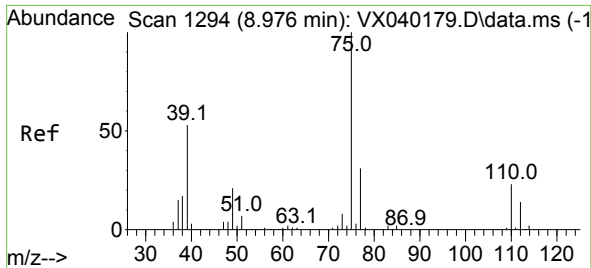
Tgt Ion: 43 Resp: 892779
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6



#52
Toluene
Concen: 103.262 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 92 Resp: 264357
Ion Ratio Lower Upper
92 100
91 176.6 134.2 201.2

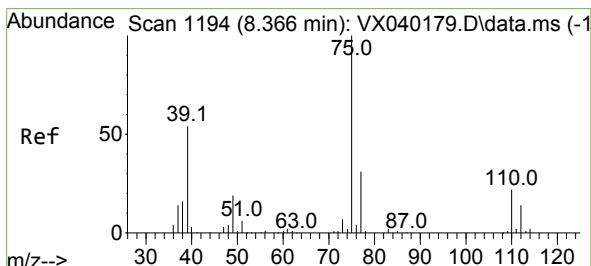
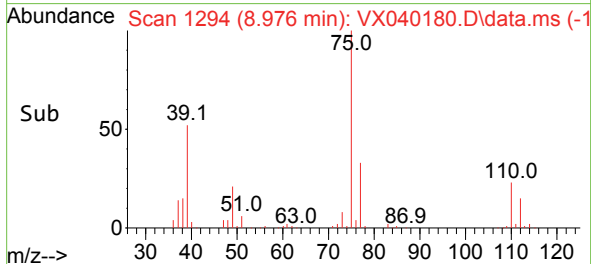
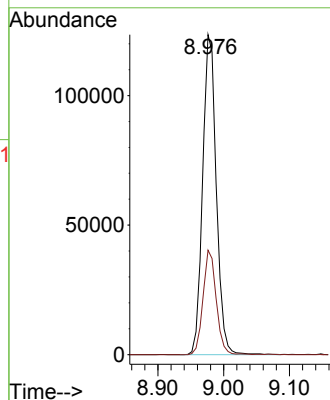
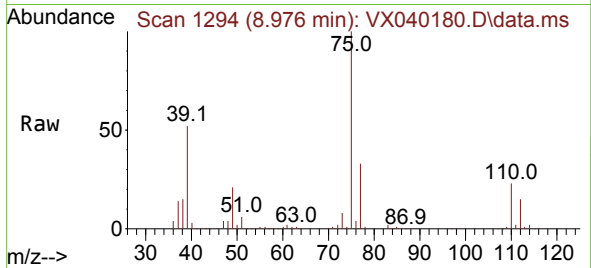




#53
 t-1,3-Dichloropropene
 Concen: 103.370 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX040180.D
 Acq: 09 Feb 2024 17:42

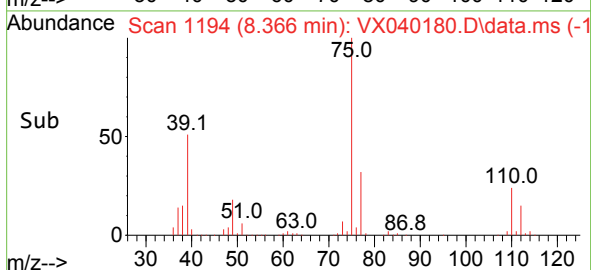
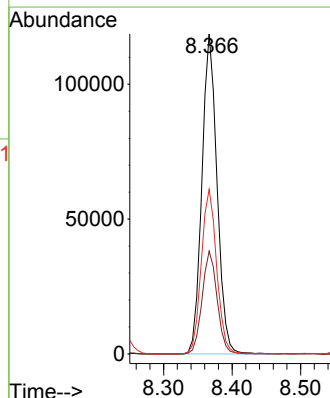
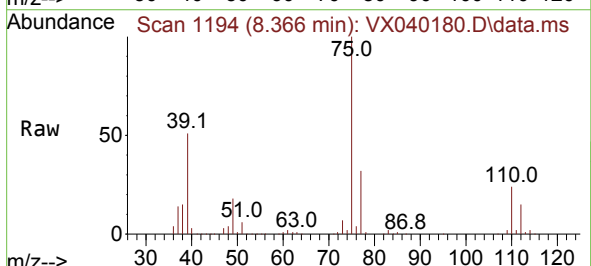
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

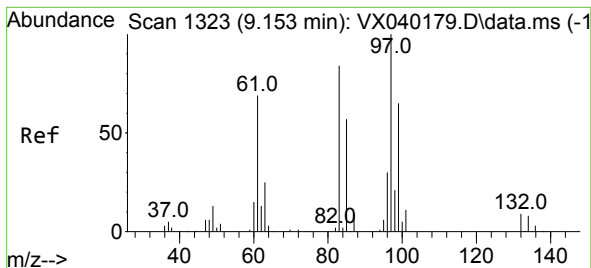
Tgt Ion: 75 Resp: 178313
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 112.909 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040180.D
 Acq: 09 Feb 2024 17:42

Tgt Ion: 75 Resp: 182675
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 51.3 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 106.172 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 115929

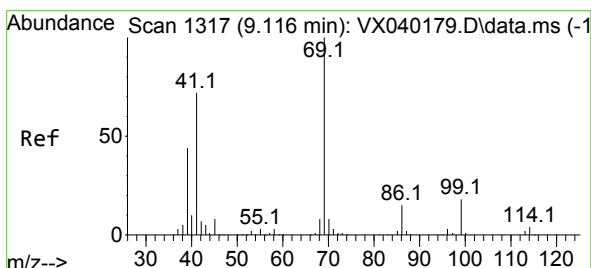
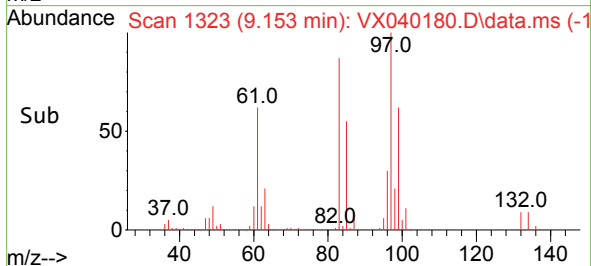
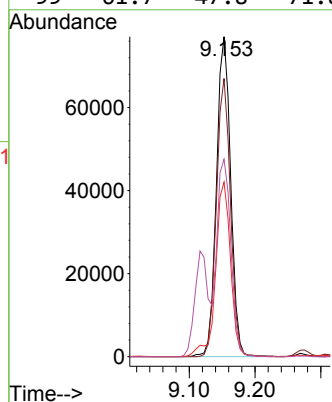
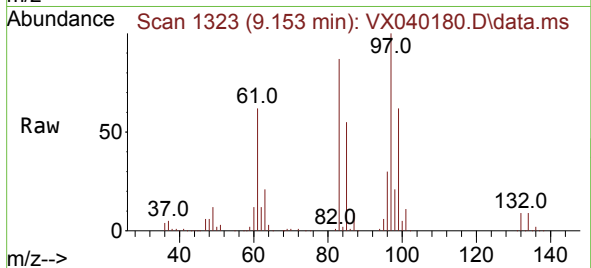
Ion Ratio Lower Upper

97 100

83 86.9 65.8 98.8

85 54.5 41.6 62.4

99 61.7 47.8 71.8



#56

Ethyl methacrylate

Concen: 113.874 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

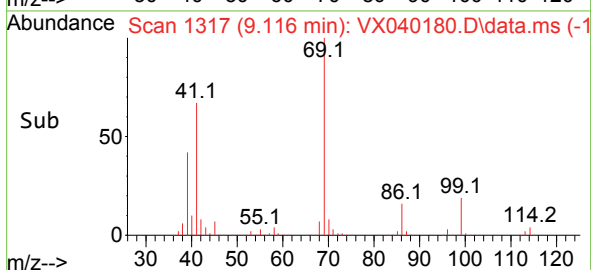
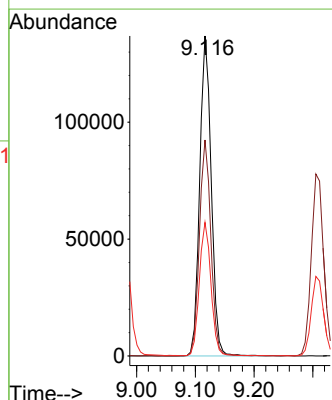
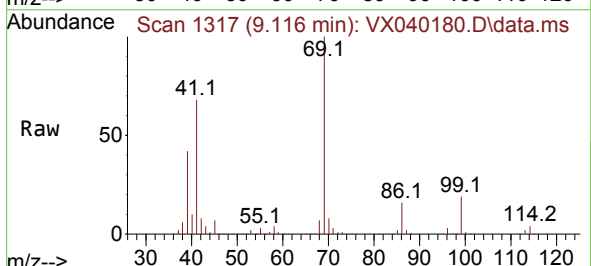
Tgt Ion: 69 Resp: 186140

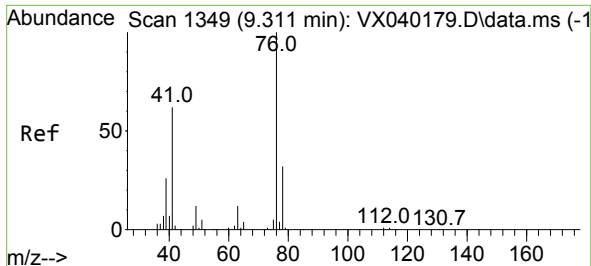
Ion Ratio Lower Upper

69 100

41 67.3 56.8 85.2

39 42.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 105.817 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

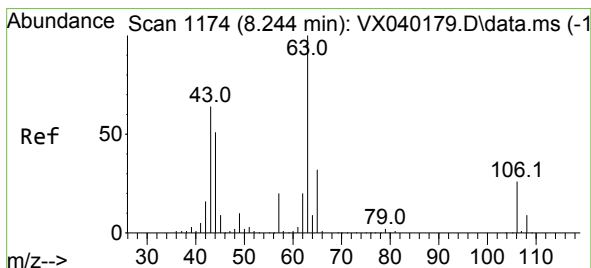
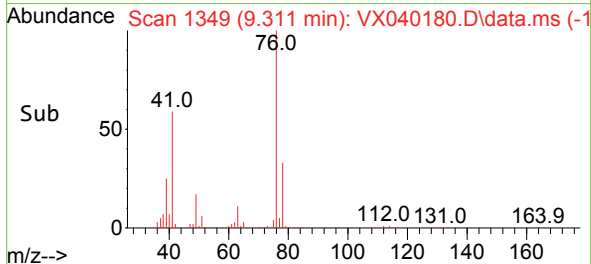
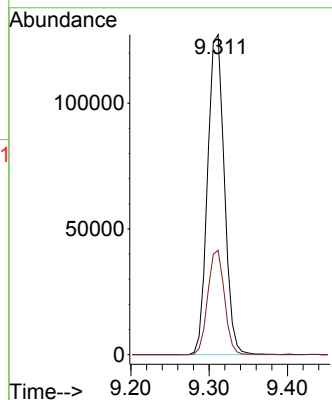
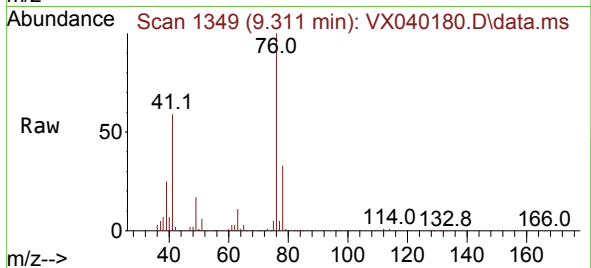
VSTDICC100

Tgt Ion: 76 Resp: 188589

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 542.172 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX040180.D

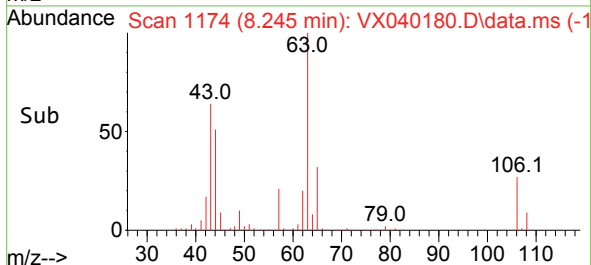
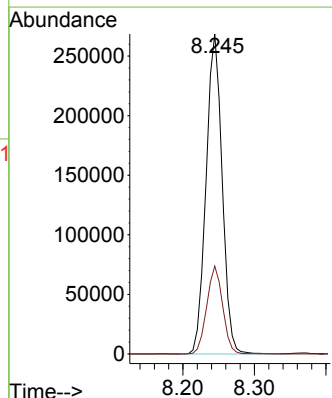
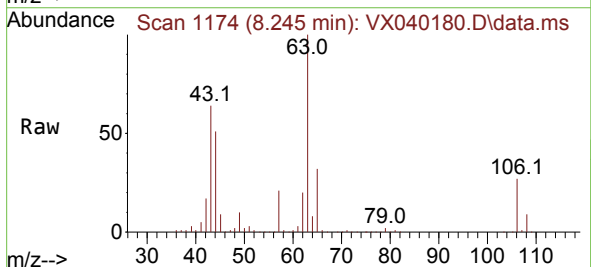
Acq: 09 Feb 2024 17:42

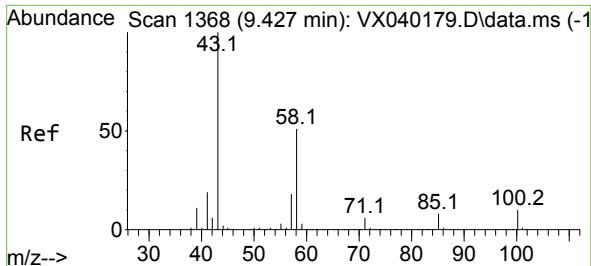
Tgt Ion: 63 Resp: 419246

Ion Ratio Lower Upper

63 100

106 27.1 22.5 33.7

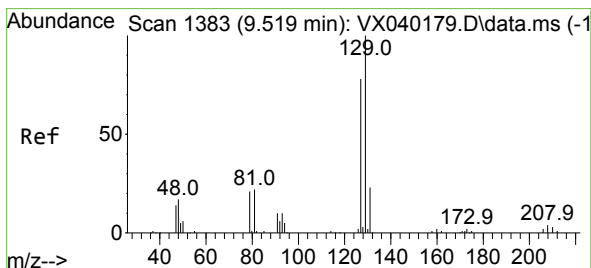
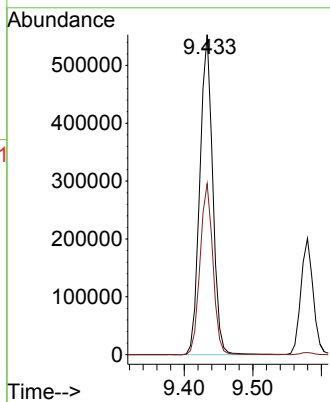
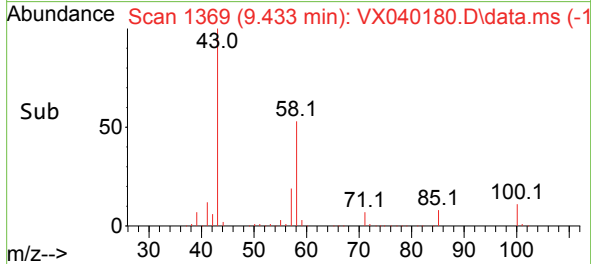
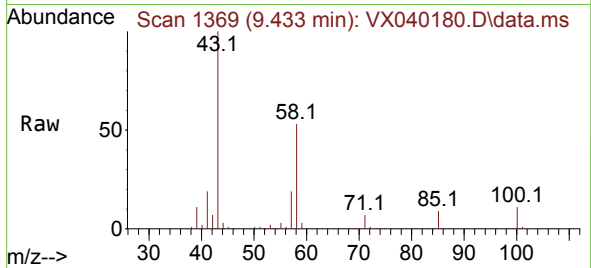




#59
2-Hexanone
Concen: 549.818 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

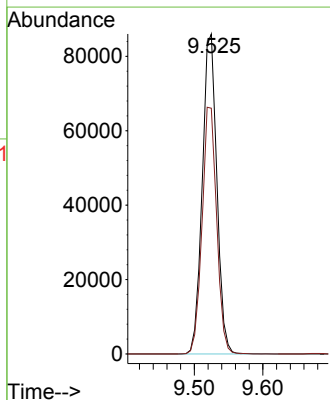
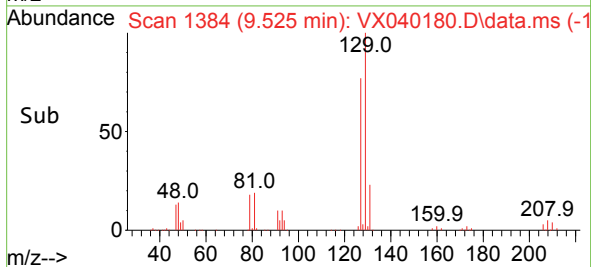
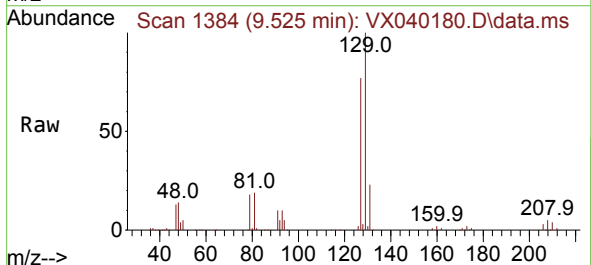
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

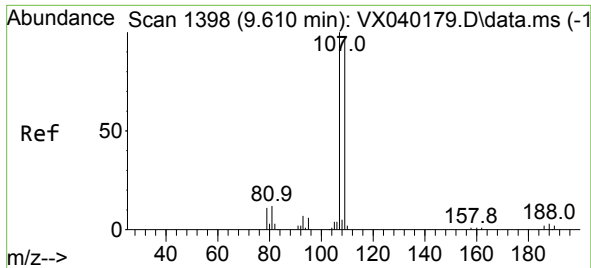
Tgt Ion: 43 Resp: 722523
Ion Ratio Lower Upper
43 100
58 53.6 26.2 78.5



#60
Dibromochloromethane
Concen: 114.402 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 129 Resp: 127266
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

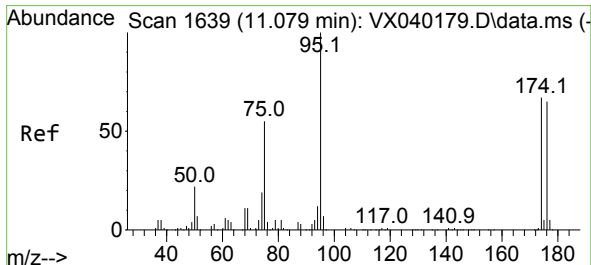
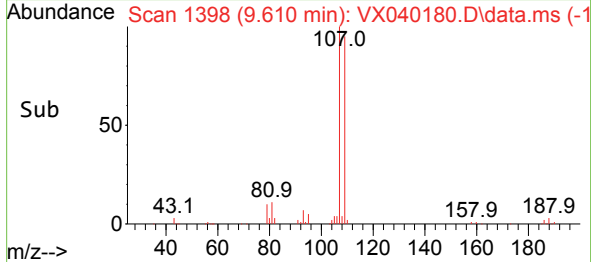
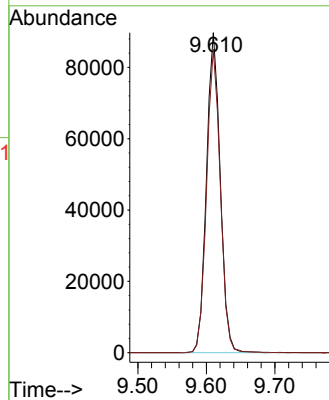
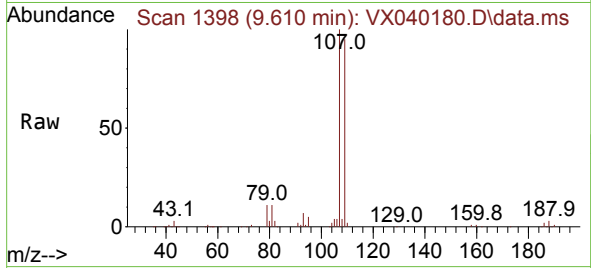




#61
1,2-Dibromoethane
Concen: 108.078 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

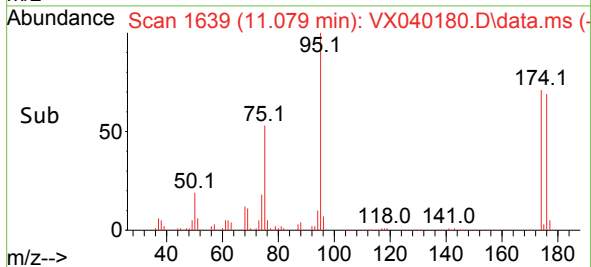
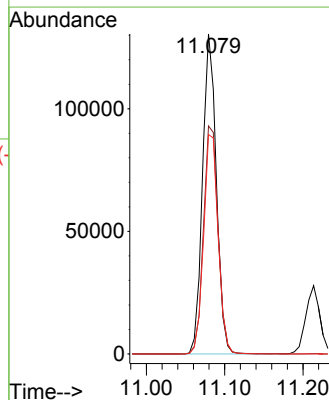
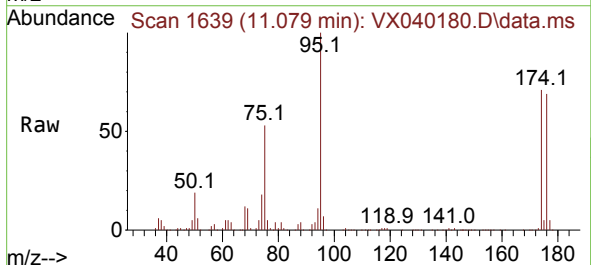
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

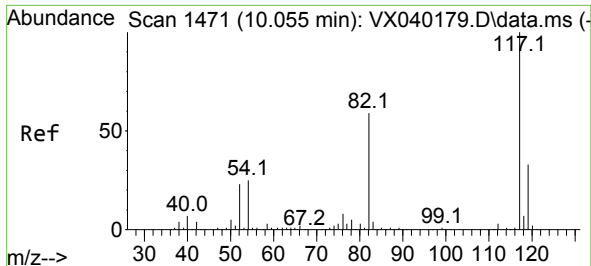
Tgt Ion:107 Resp: 125438
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 104.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 95 Resp: 159322
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 72.3 0.0 131.0

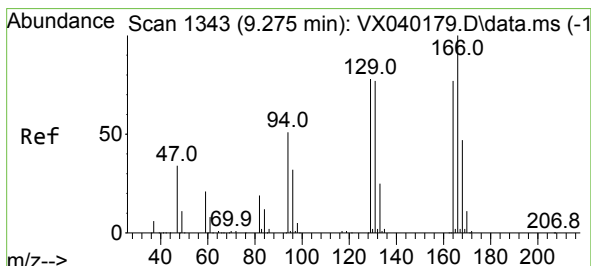
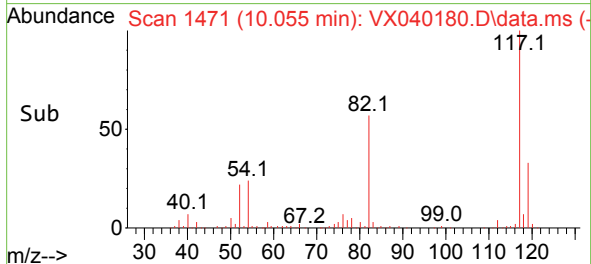
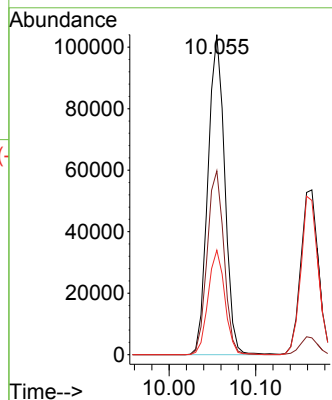
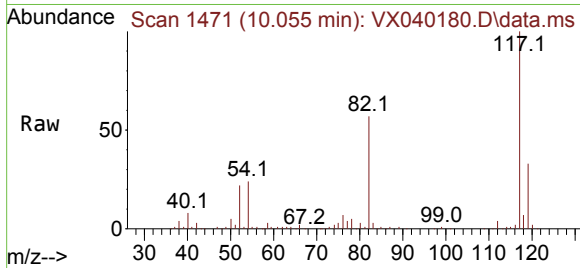




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

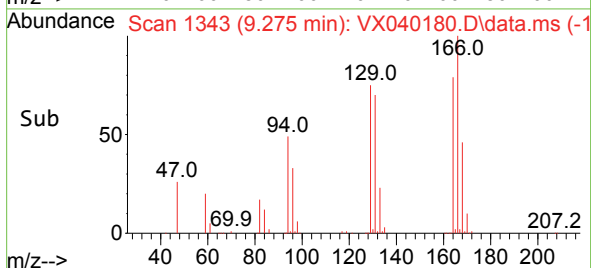
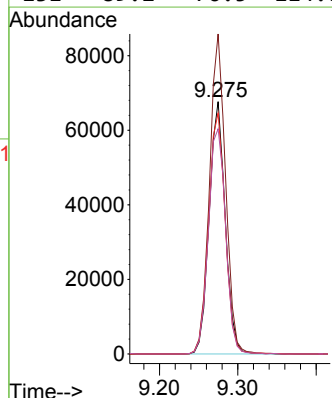
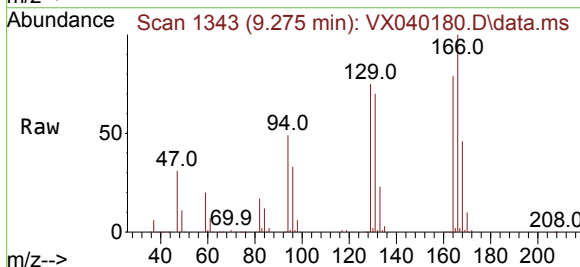
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

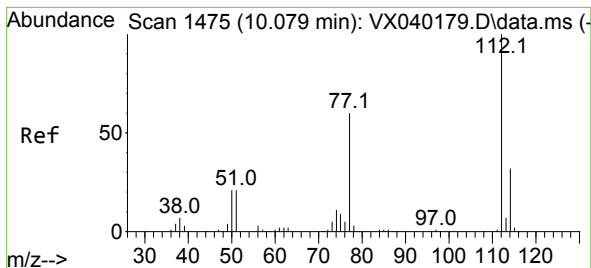
Tgt Ion:117 Resp: 140053
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 97.785 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion:164 Resp: 95971
Ion Ratio Lower Upper
164 100
166 126.8 102.7 154.1
129 95.4 80.4 120.6
131 89.2 76.5 114.7

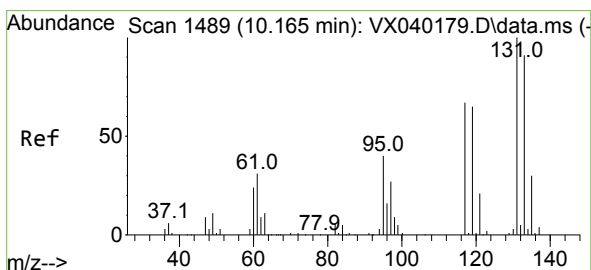
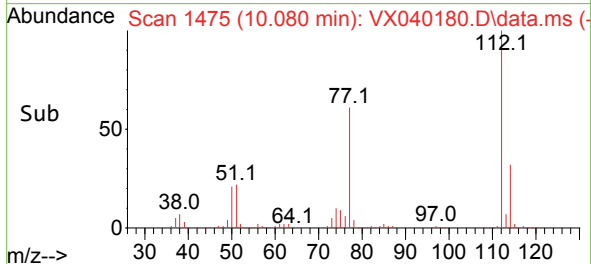
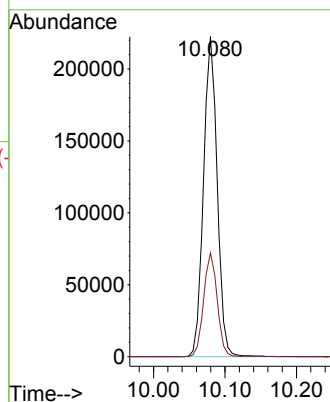
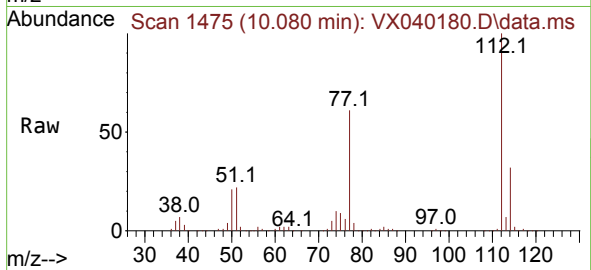




#65
Chlorobenzene
Concen: 101.155 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

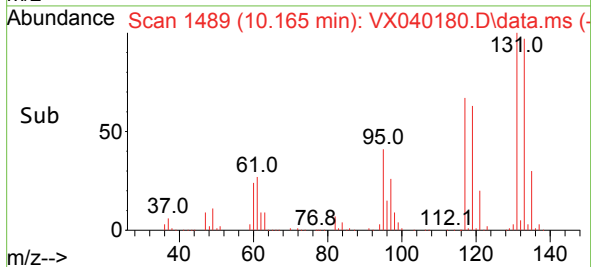
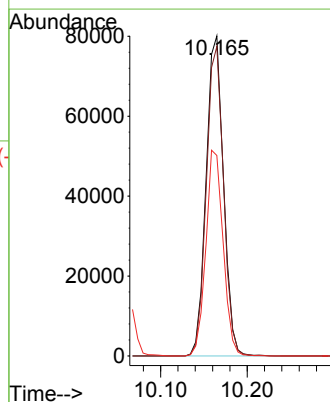
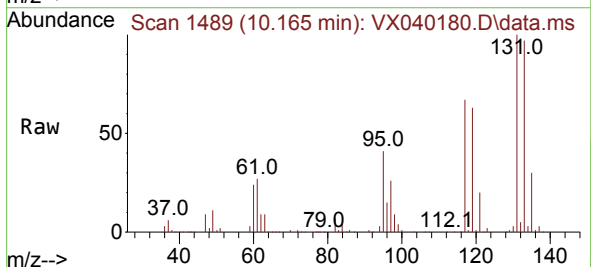
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

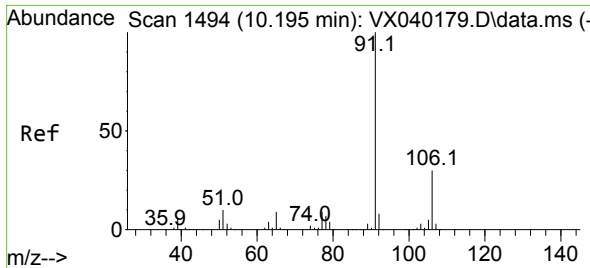
Tgt Ion:112 Resp: 295672
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 110.364 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion:131 Resp: 111726
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 64.0 32.2 96.6

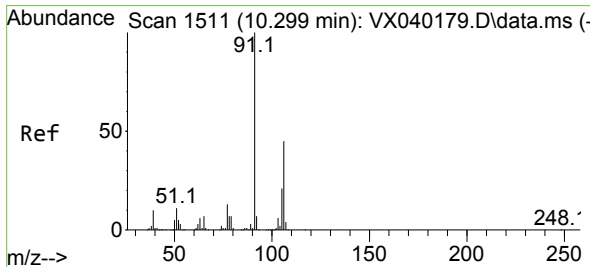
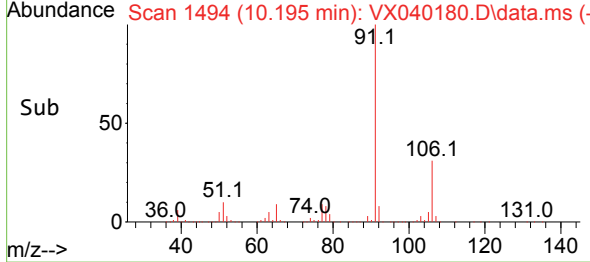
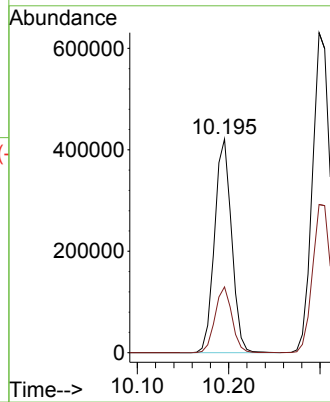
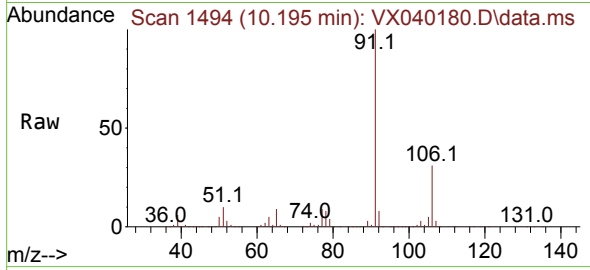




#67
Ethyl Benzene
Concen: 104.673 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

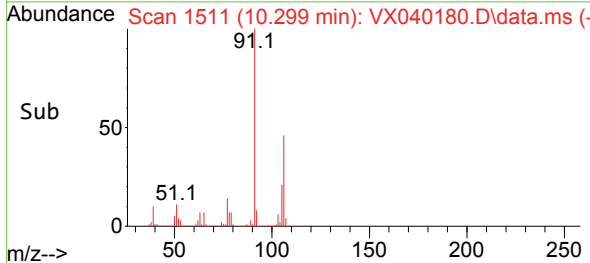
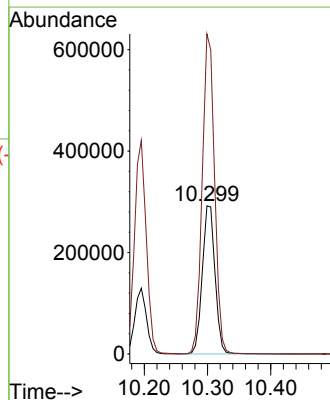
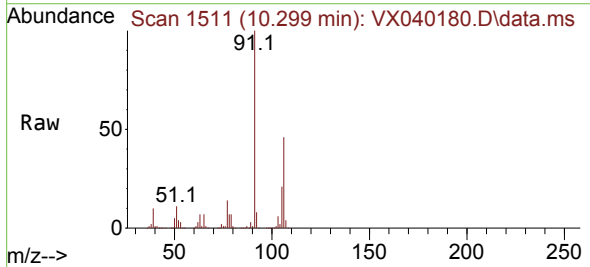
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

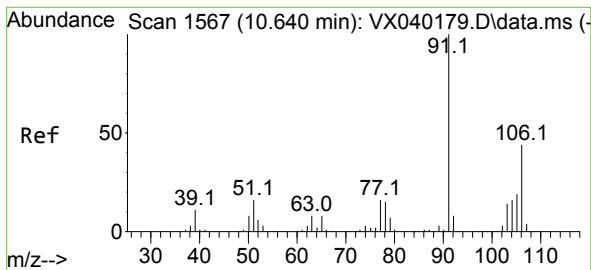
Tgt Ion: 91 Resp: 544905
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 208.204 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 106 Resp: 409349
Ion Ratio Lower Upper
106 100
91 209.9 165.5 248.3

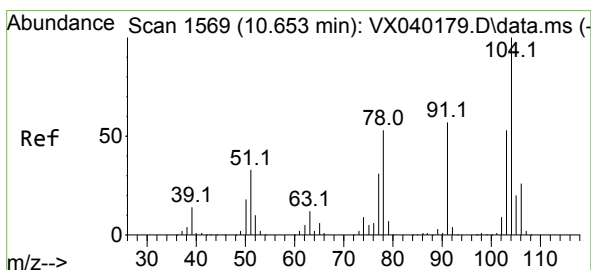
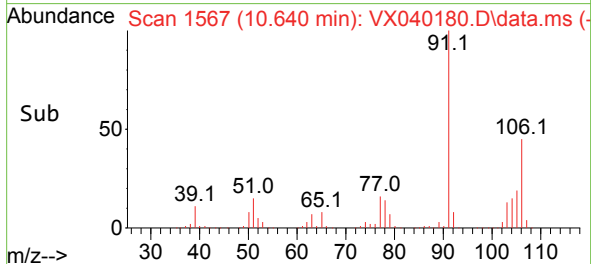
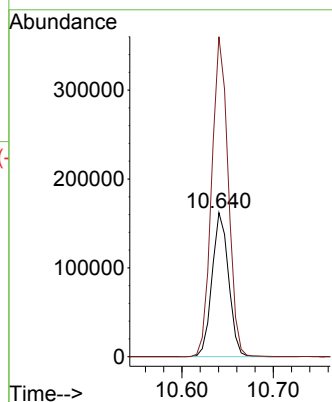
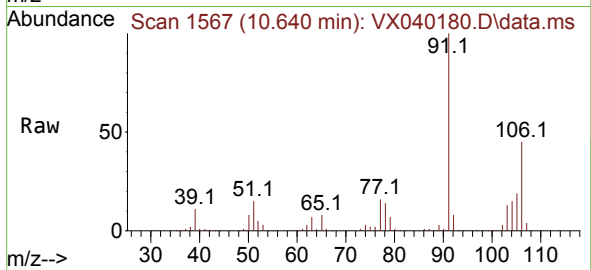




#69
o-Xylene
Concen: 106.515 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

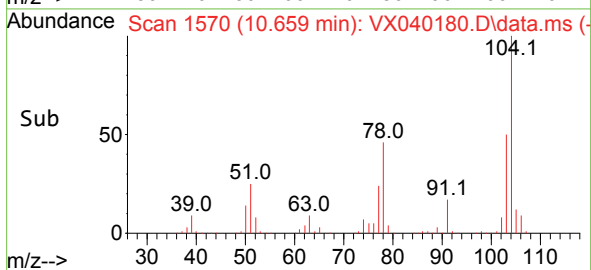
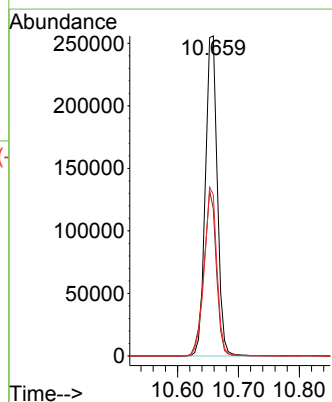
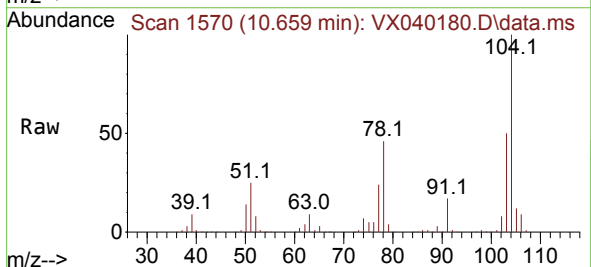
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

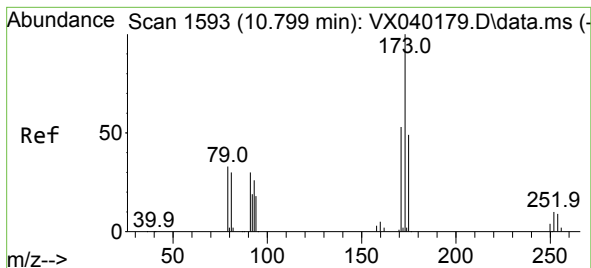
Tgt Ion:106 Resp: 203506
Ion Ratio Lower Upper
106 100
91 222.0 108.9 326.8



#70
Styrene
Concen: 110.178 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion:104 Resp: 349979
Ion Ratio Lower Upper
104 100
78 53.9 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 103.754 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

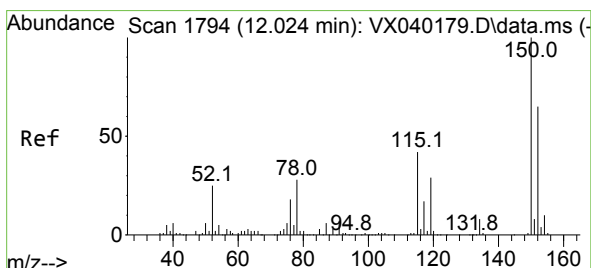
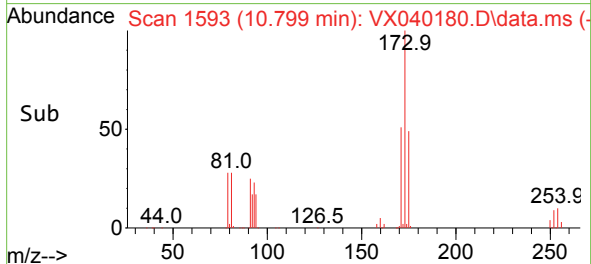
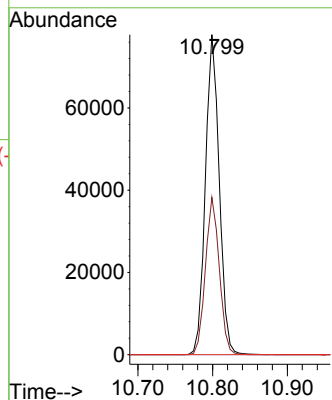
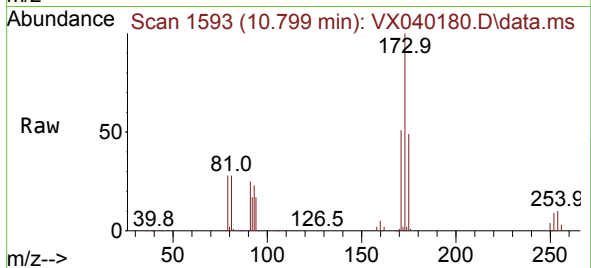
Tgt Ion:173 Resp: 99996

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

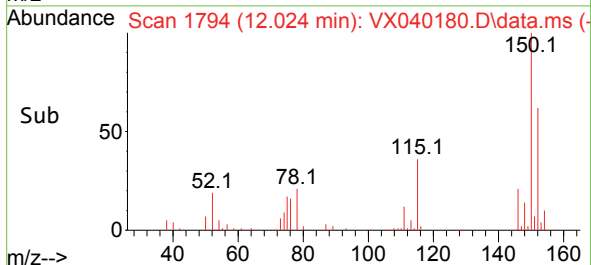
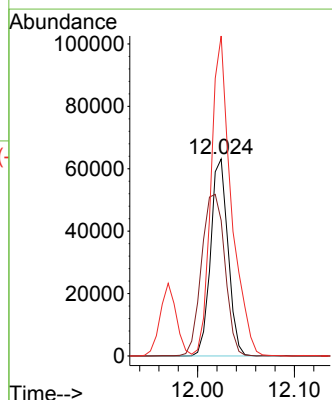
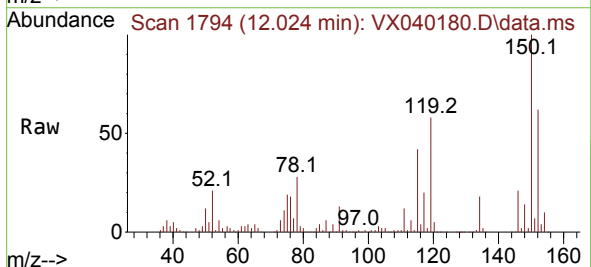
Tgt Ion:152 Resp: 78929

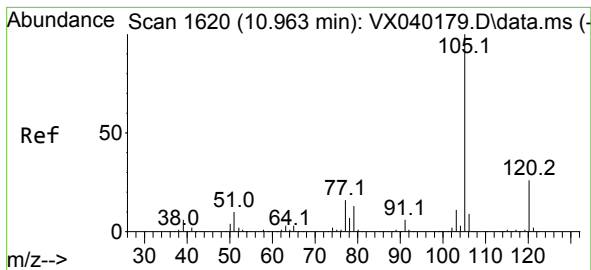
Ion Ratio Lower Upper

152 100

115 110.4 43.3 129.9

150 189.3 0.0 345.0





#73

Isopropylbenzene

Concen: 99.306 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

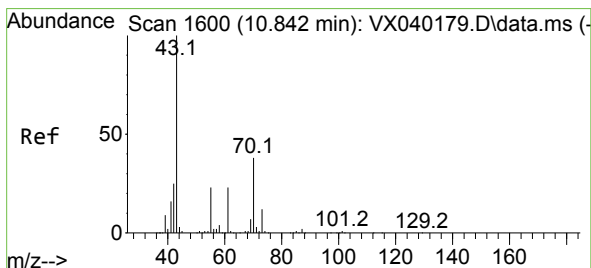
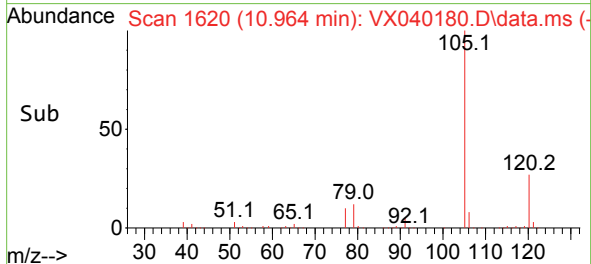
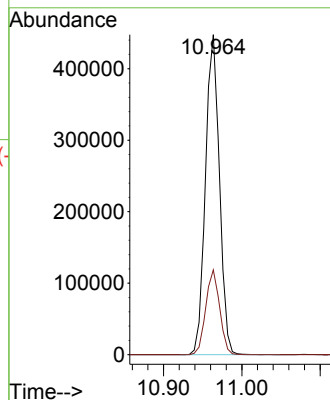
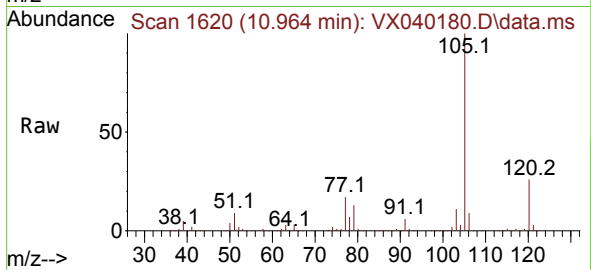
VSTDICC100

Tgt Ion:105 Resp: 552061

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



#74

N-ethyl acetate

Concen: 114.114 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Tgt Ion: 43 Resp: 271922

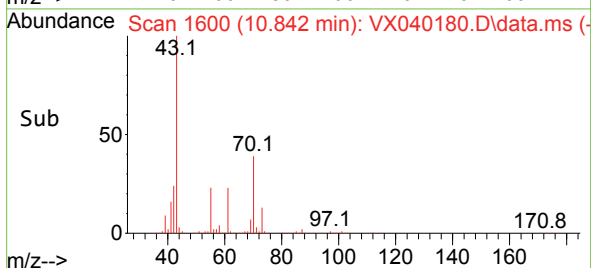
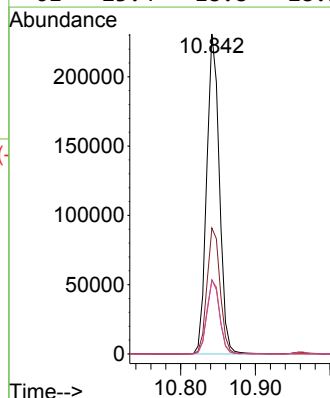
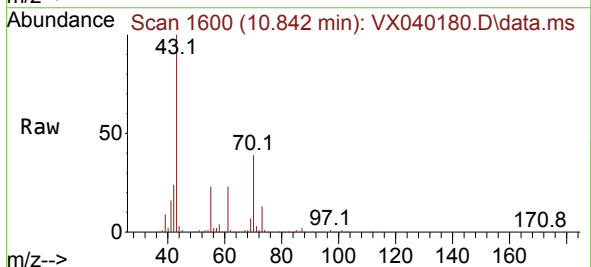
Ion Ratio Lower Upper

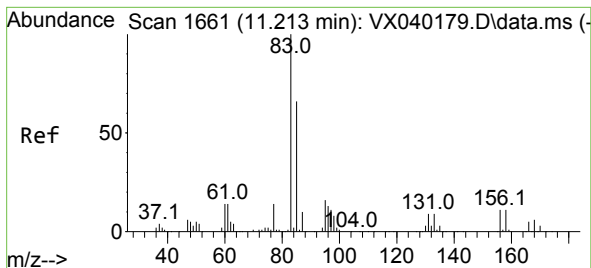
43 100

70 40.6 32.9 49.3

55 23.2 19.3 28.9

61 23.4 18.8 28.2

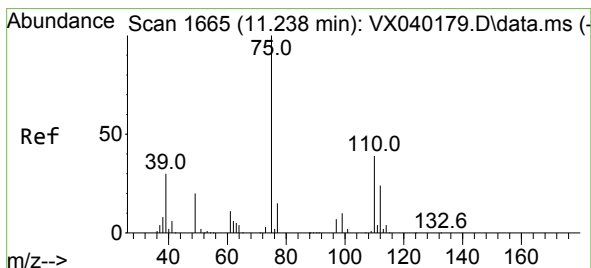
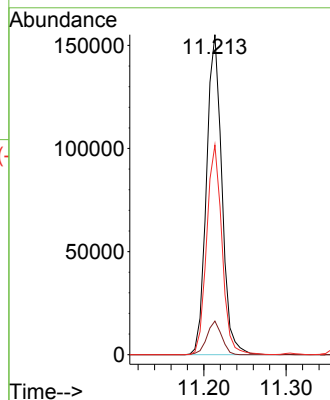
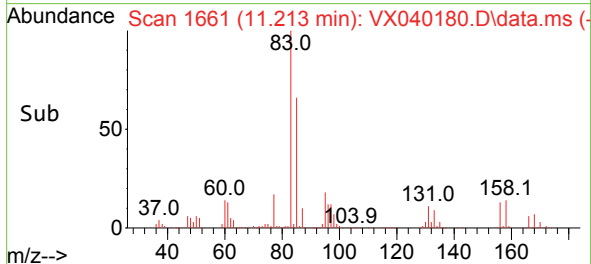
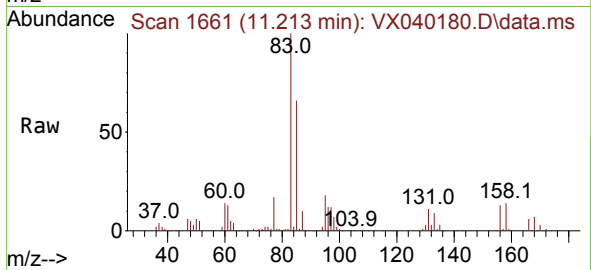




#75
1,1,2,2-Tetrachloroethane
Concen: 101.149 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

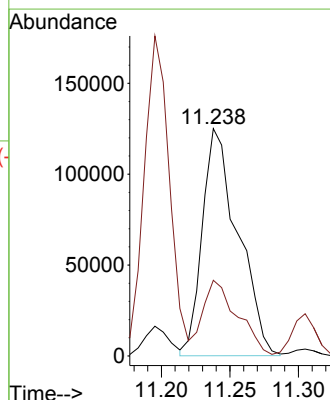
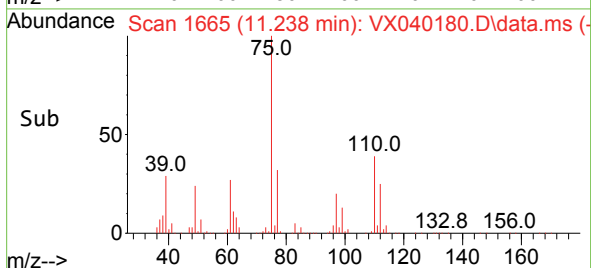
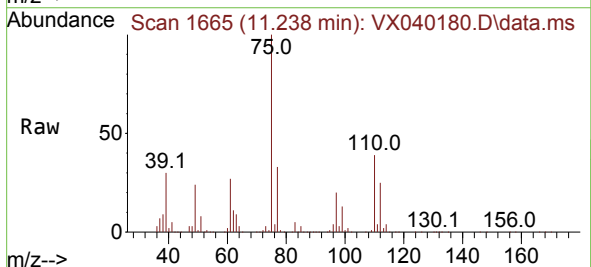
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

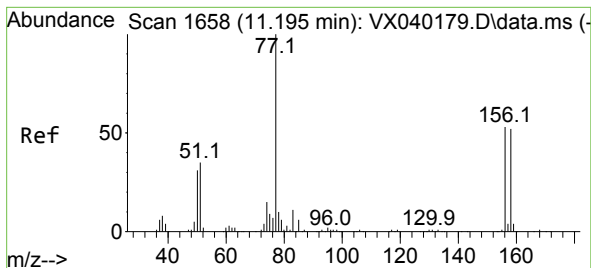
Tgt Ion: 83 Resp: 202022
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 65.3 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 141.721 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 75 Resp: 226519
Ion Ratio Lower Upper
75 100
77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 102.805 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

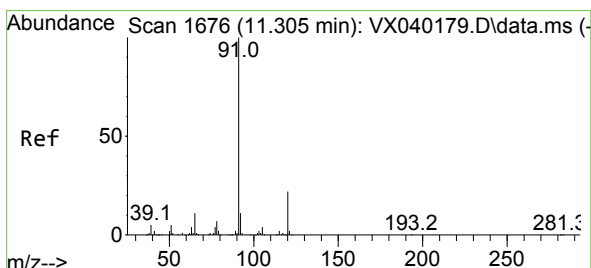
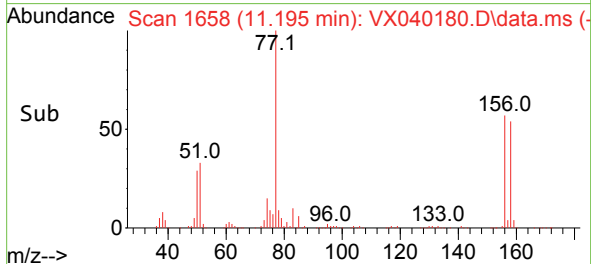
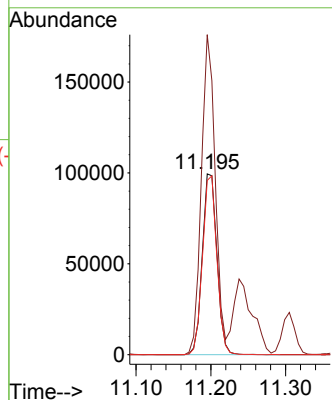
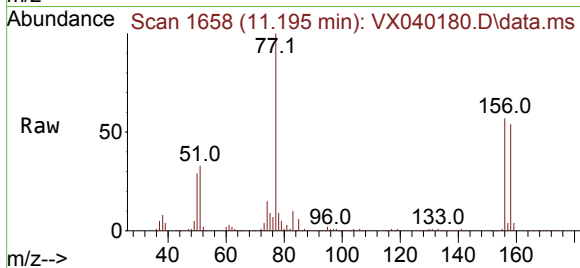
Tgt Ion:156 Resp: 134984

Ion Ratio Lower Upper

156 100

77 168.2 88.4 265.3

158 97.3 48.0 144.0



#78

n-propylbenzene

Concen: 99.718 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040180.D

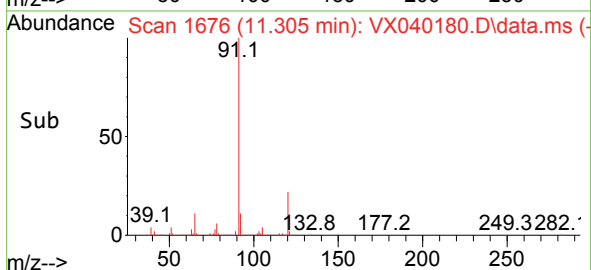
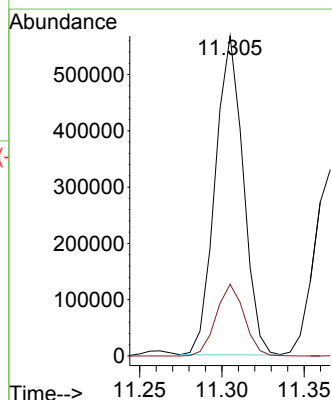
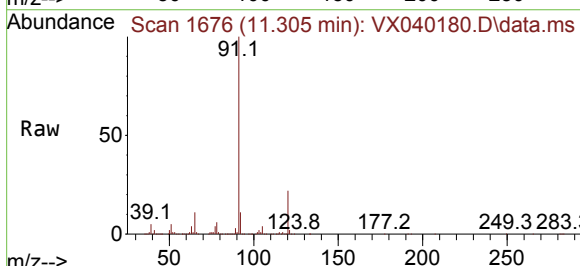
Acq: 09 Feb 2024 17:42

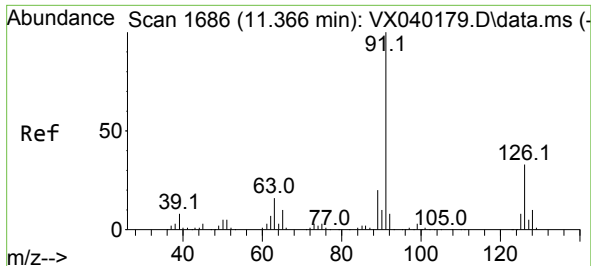
Tgt Ion: 91 Resp: 671146

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 98.293 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

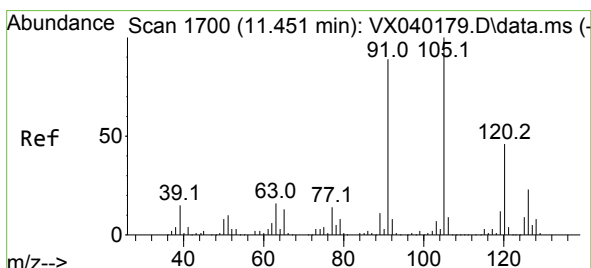
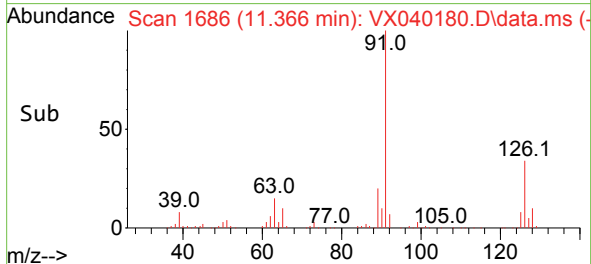
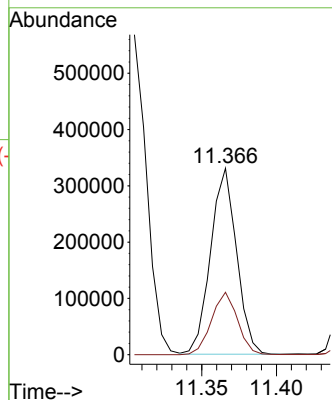
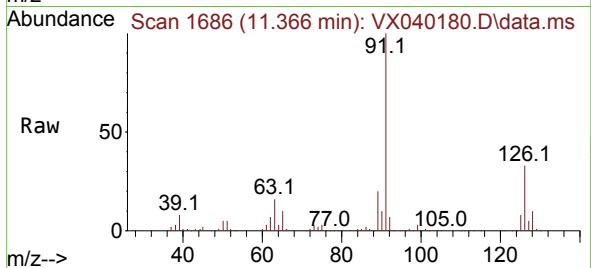
VSTDIC100

Tgt Ion: 91 Resp: 399481

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 102.375 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040180.D

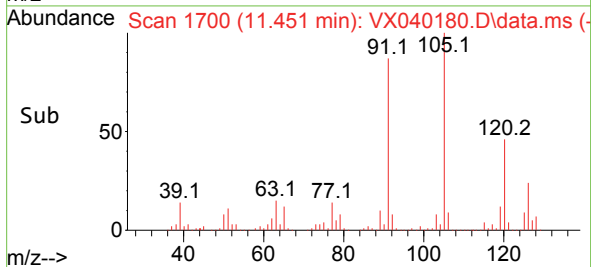
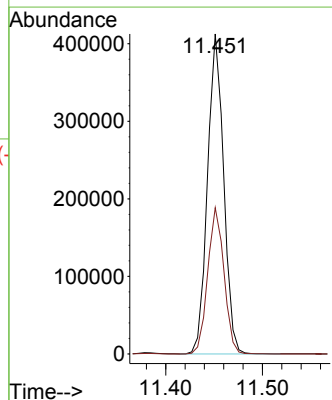
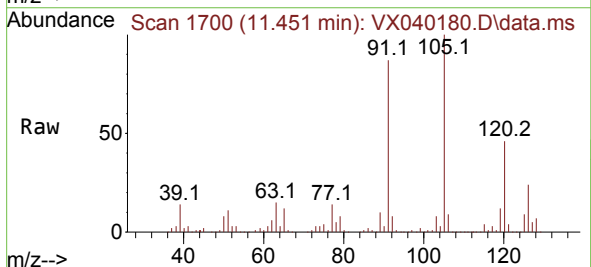
Acq: 09 Feb 2024 17:42

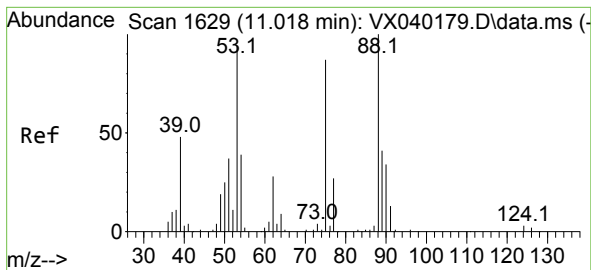
Tgt Ion: 105 Resp: 479136

Ion Ratio Lower Upper

105 100

120 46.2 24.1 72.3

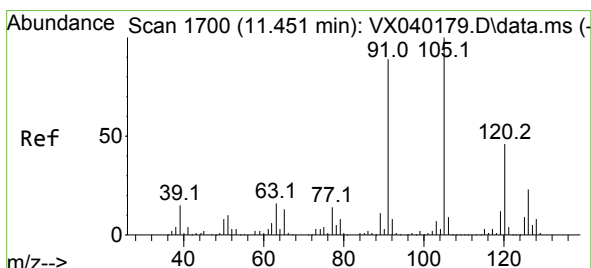
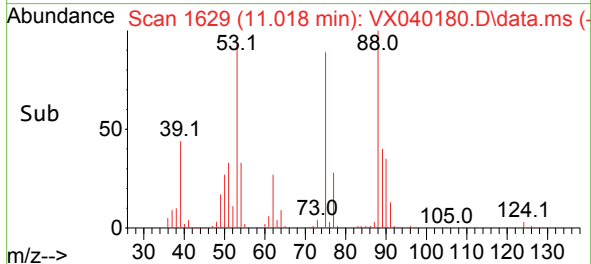
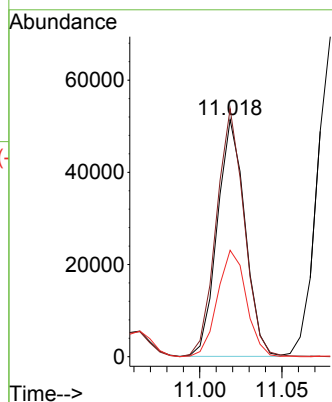
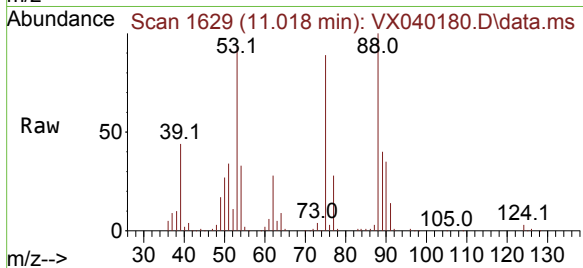




#81
trans-1,4-Dichloro-2-butene
Concen: 102.179 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

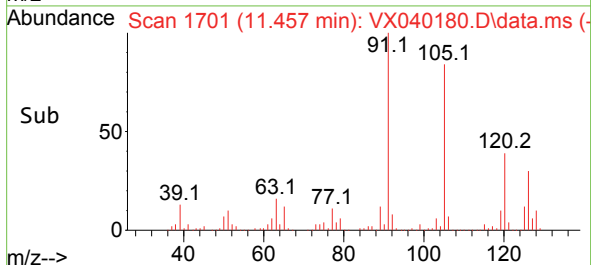
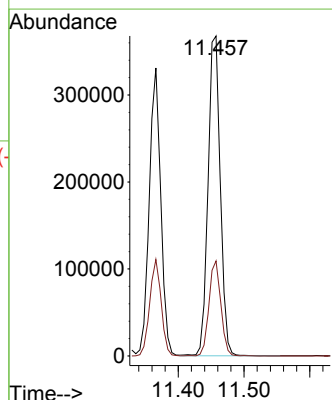
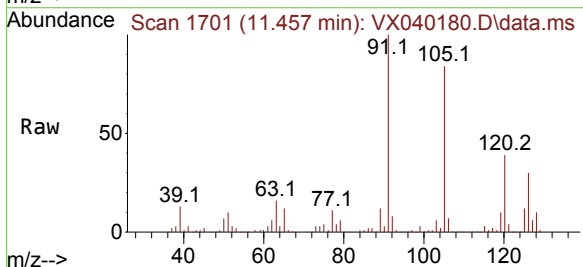
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

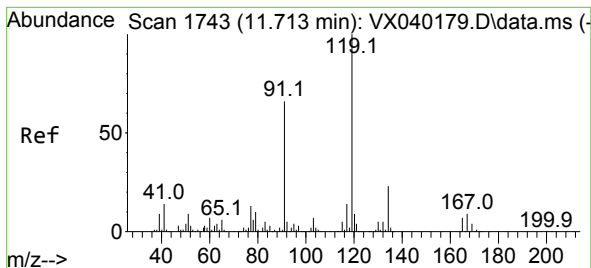
Tgt Ion: 75 Resp: 60429
Ion Ratio Lower Upper
75 100
53 105.4 90.5 135.7
89 46.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 98.746 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 91 Resp: 475502
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 102.669 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

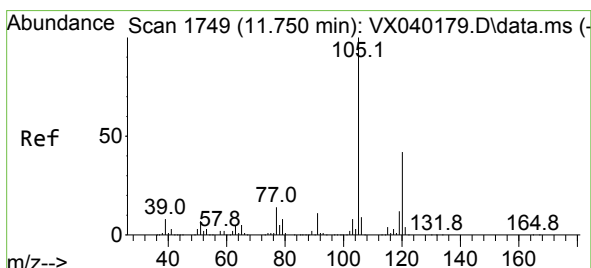
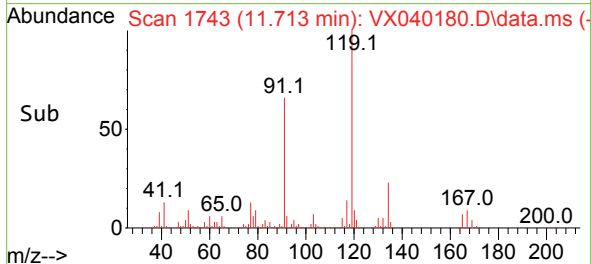
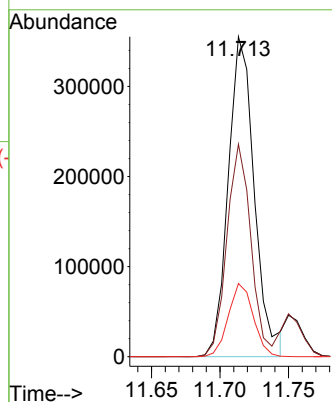
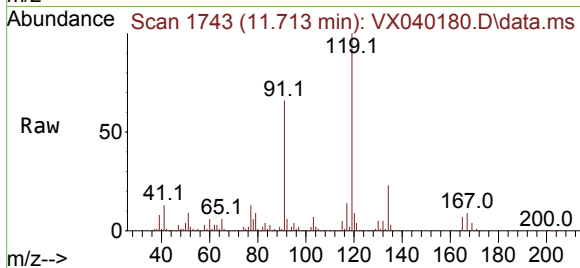
Tgt Ion:119 Resp: 471094

Ion Ratio Lower Upper

119 100

91 61.3 31.2 93.6

134 21.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 101.656 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040180.D

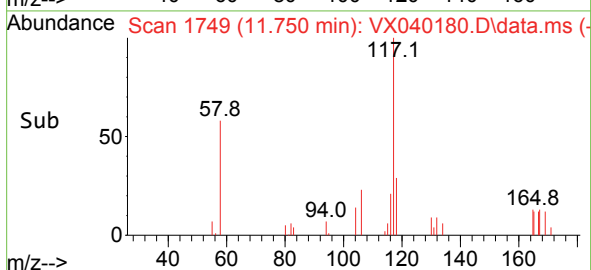
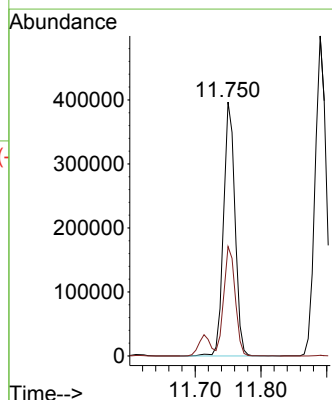
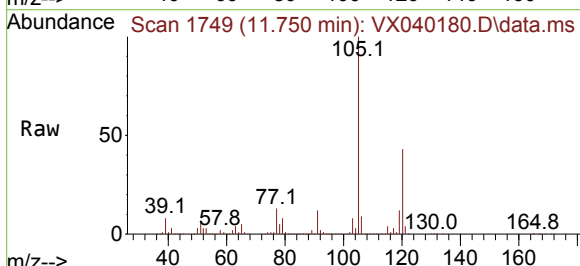
Acq: 09 Feb 2024 17:42

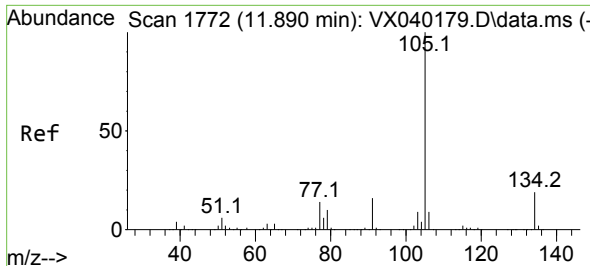
Tgt Ion:105 Resp: 481338

Ion Ratio Lower Upper

105 100

120 42.7 21.2 63.6

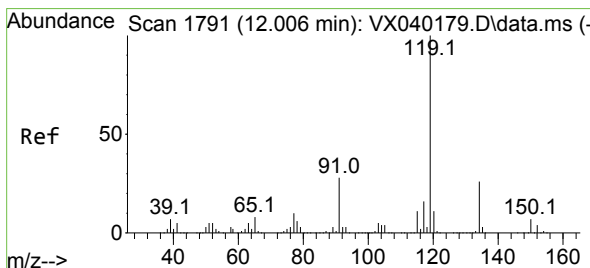
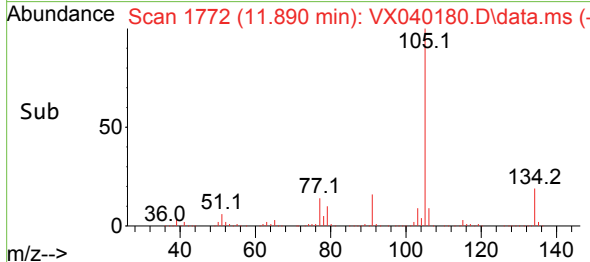
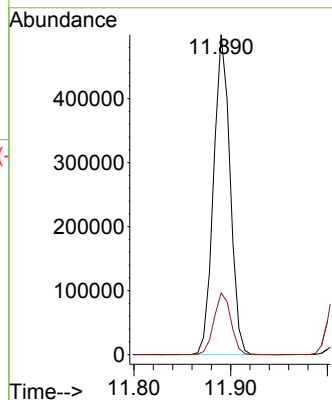
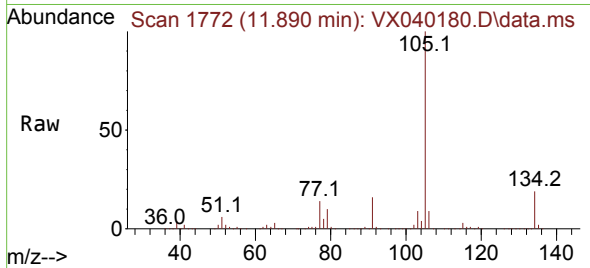




#85
 sec-Butylbenzene
 Concen: 100.497 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040180.D
 Acq: 09 Feb 2024 17:42

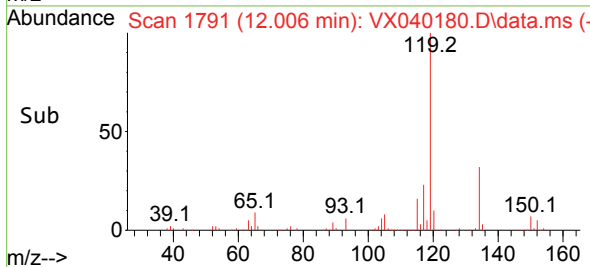
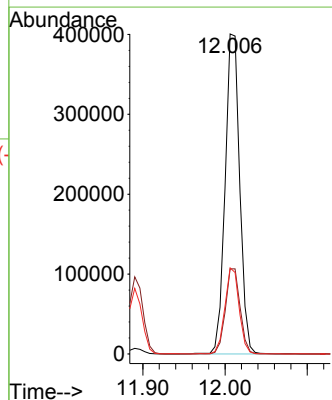
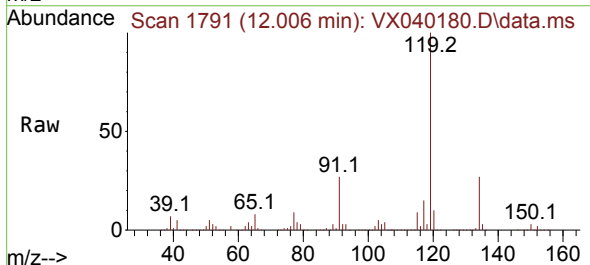
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

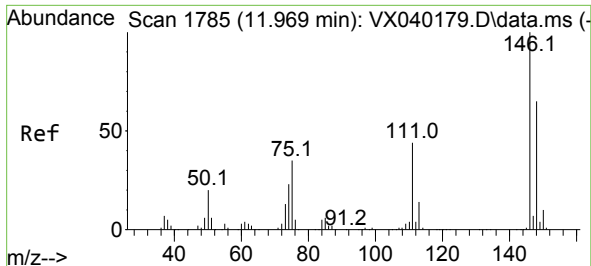
Tgt Ion:105 Resp: 592624
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 102.323 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040180.D
 Acq: 09 Feb 2024 17:42

Tgt Ion:119 Resp: 494608
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 26.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 101.649 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

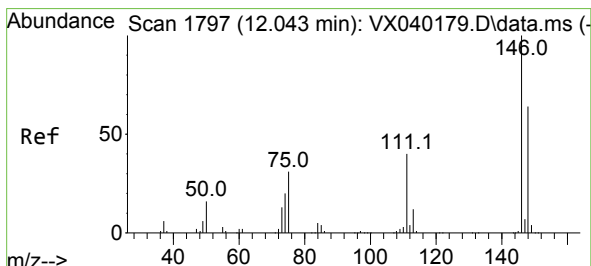
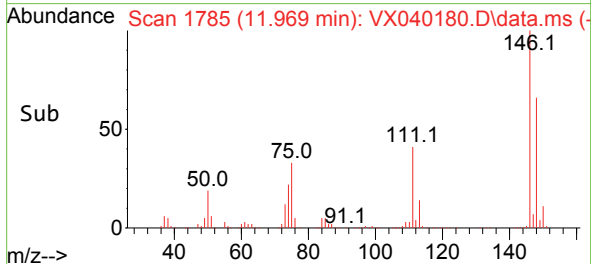
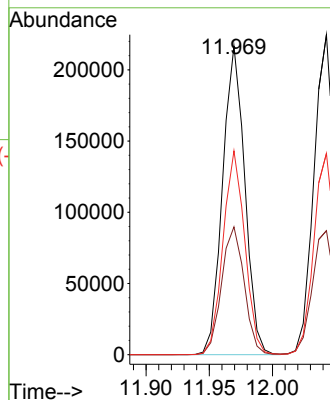
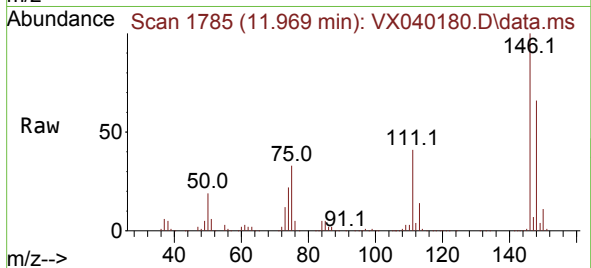
Tgt Ion:146 Resp: 264447

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.1

148 64.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 97.206 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

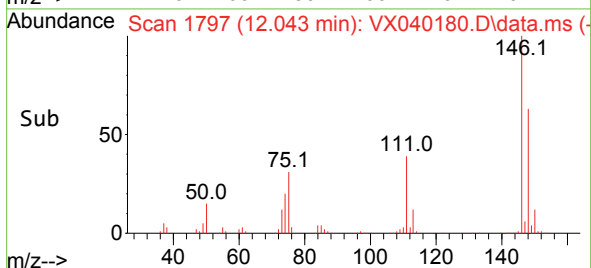
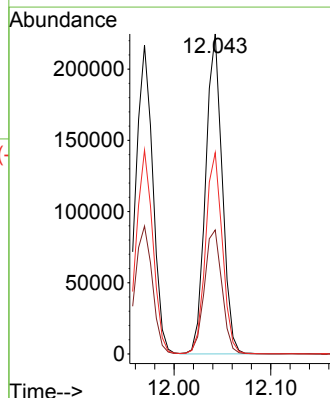
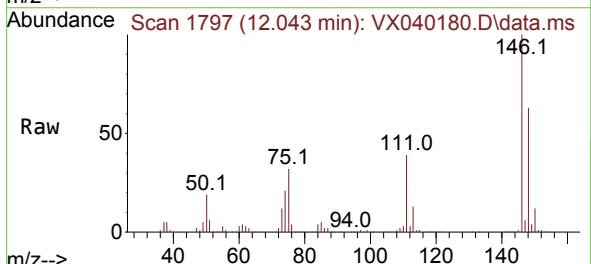
Tgt Ion:146 Resp: 267809

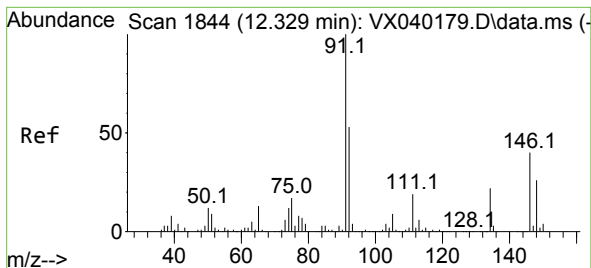
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 101.860 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

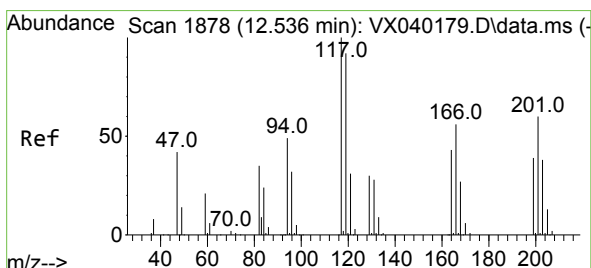
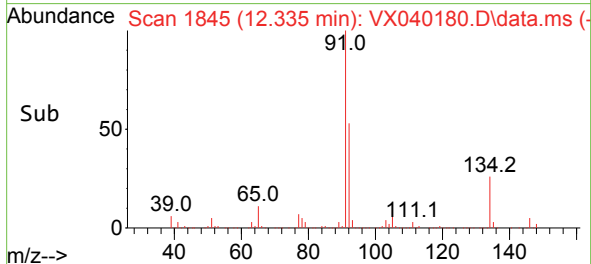
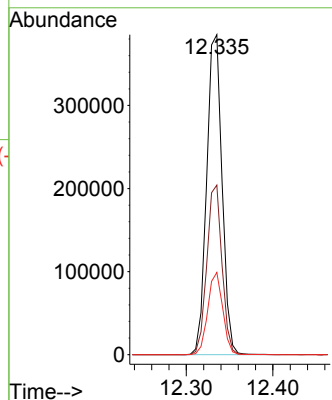
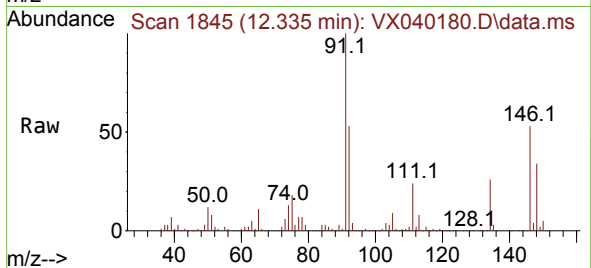
Tgt Ion: 91 Resp: 475289

Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 114.878 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040180.D

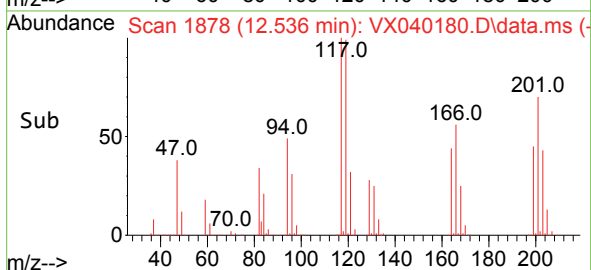
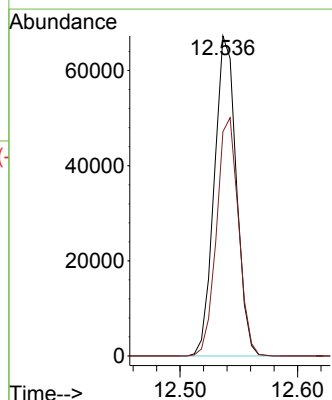
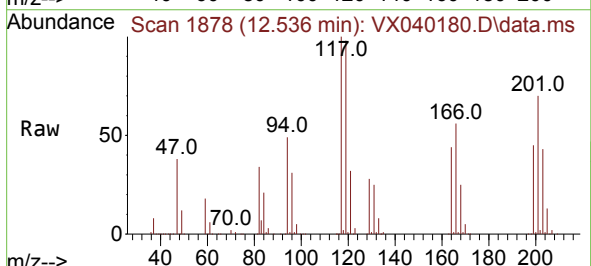
Acq: 09 Feb 2024 17:42

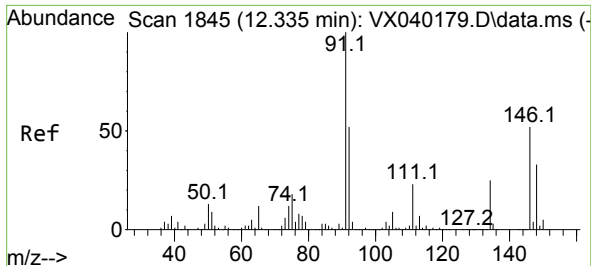
Tgt Ion: 117 Resp: 87590

Ion Ratio Lower Upper

117 100

201 74.3 32.9 98.6

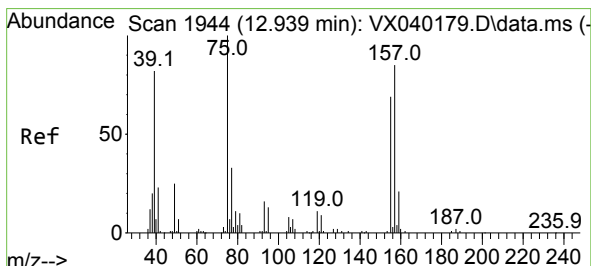
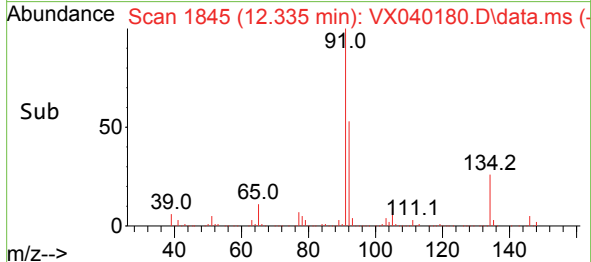
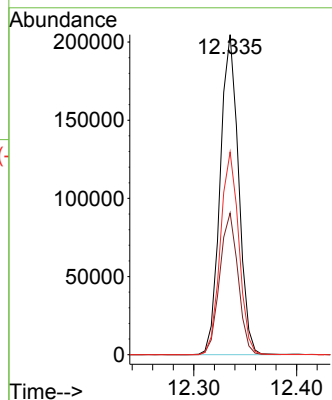
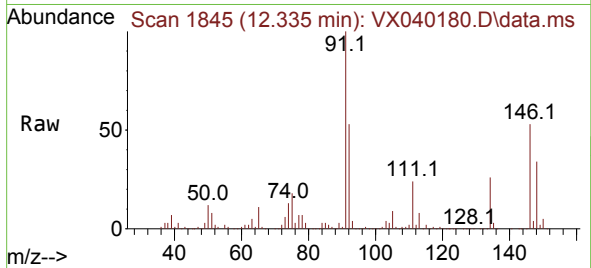




#91
1,2-Dichlorobenzene
Concen: 100.708 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

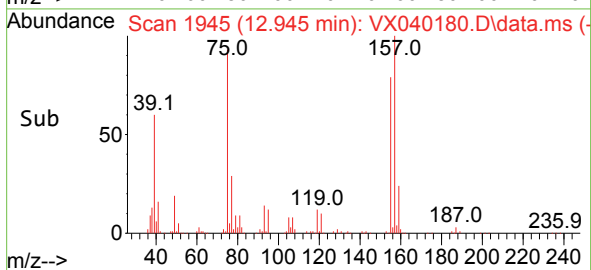
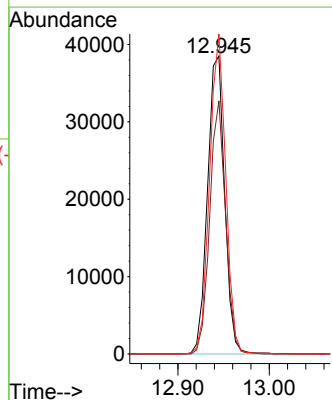
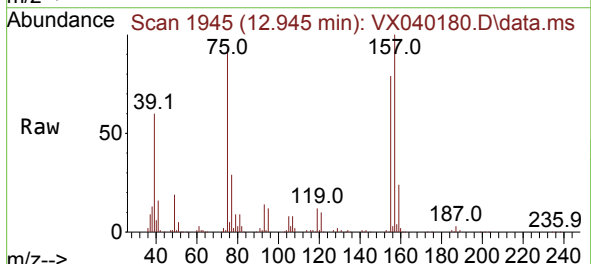
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

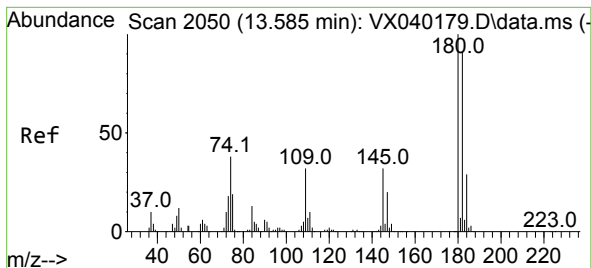
Tgt Ion:146 Resp: 253633
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 63.6 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 108.896 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion: 75 Resp: 50198
Ion Ratio Lower Upper
75 100
155 78.7 36.1 108.5
157 101.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 97.347 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

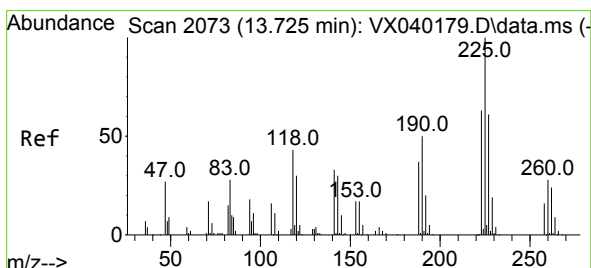
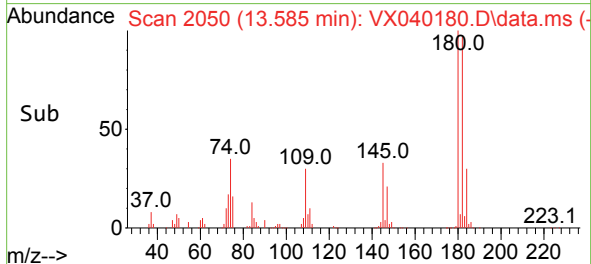
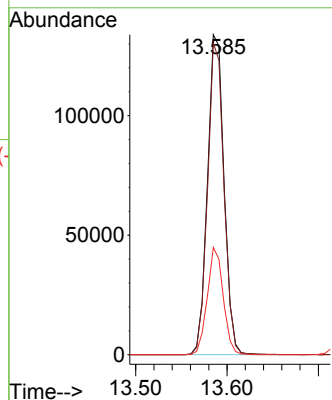
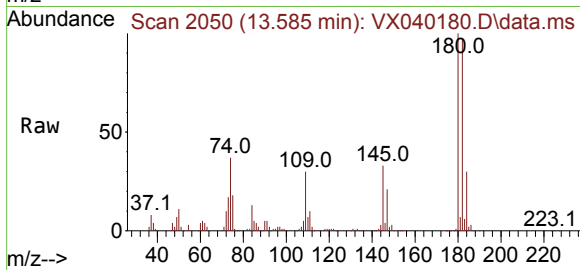
Tgt Ion:180 Resp: 167846

Ion Ratio Lower Upper

180 100

182 96.0 48.3 144.8

145 32.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 96.494 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040180.D

Acq: 09 Feb 2024 17:42

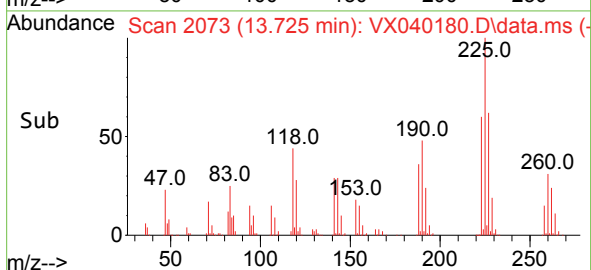
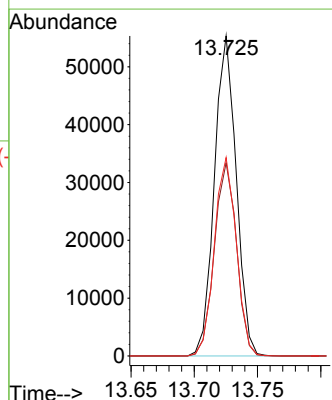
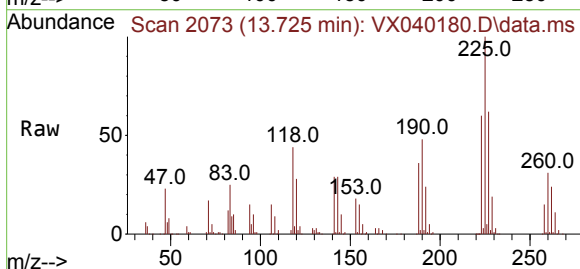
Tgt Ion:225 Resp: 66402

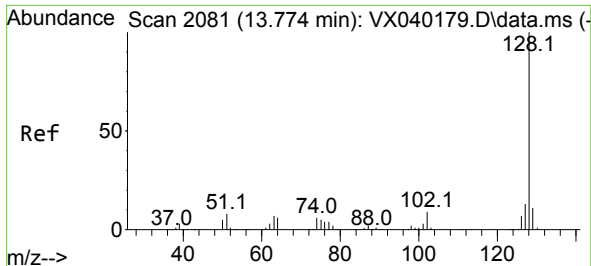
Ion Ratio Lower Upper

225 100

223 61.0 31.1 93.2

227 62.3 32.5 97.5

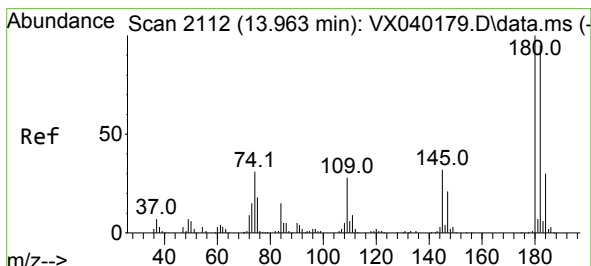
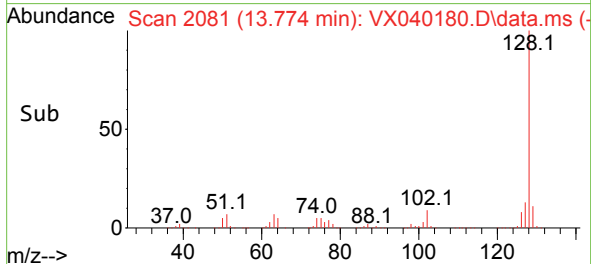
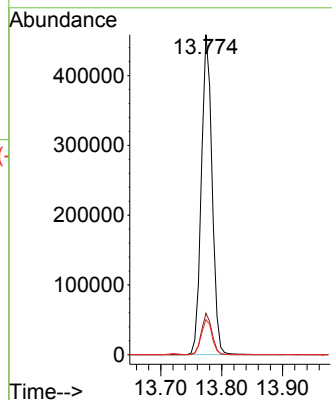
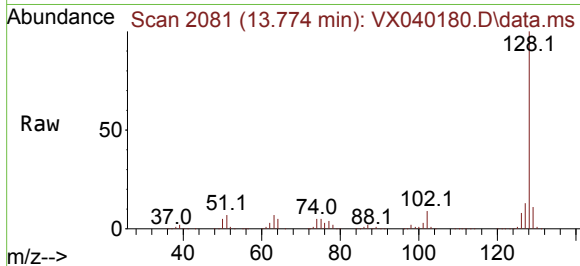




#95
Naphthalene
Concen: 102.750 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 559543
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 100.064 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040180.D
Acq: 09 Feb 2024 17:42

Tgt Ion:180 Resp: 164457
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 33.5 17.8 53.5

