

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040235.D
 Acq On : 14 Feb 2024 20:54
 Operator : JC/MD
 Sample : P1427-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50240

Quant Time: Feb 15 00:09:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	75973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49384	43.693	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.380%		
35) Dibromofluoromethane	5.391	113	41948	45.662	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.320%		
50) Toluene-d8	8.653	98	163676	47.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.260%		
62) 4-Bromofluorobenzene	11.079	95	93492	66.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	133.420%#		
Target Compounds						Qvalue
3) Chloromethane	1.270	50	686	0.775	ug/l #	82
8) Diethyl Ether	2.142	74	2491	4.415	ug/l #	1
11) Tert butyl alcohol	2.959	59	3815	17.329	ug/l #	78
13) Acrolein	2.209	56	5015	24.679	ug/l #	1
14) Allyl chloride	2.648	41	1333	0.990	ug/l #	24
15) Acrylonitrile	3.111	53	4011	8.143	ug/l #	36
16) Acetone	2.380	43	114505	246.669	ug/l	94
18) Methyl Acetate	2.709	43	4091	3.288	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	181797	66.528	ug/l #	54
20) Methylene Chloride	2.794	84	510	Below Cal	#	38
22) Diisopropyl ether	3.757	45	33160	12.147	ug/l #	73
23) Vinyl Acetate	3.757	43	17322	7.118	ug/l #	73
25) 2-Butanone	4.550	43	57966	79.885	ug/l	96
26) 2,2-Dichloropropane	4.306	77	1087	0.888	ug/l #	54
29) Tetrahydrofuran	5.025	42	551	1.166	ug/l #	45
30) Chloroform	5.160	83	1787	1.039	ug/l #	56
31) Cyclohexane	5.470	56	113483	84.178	ug/l	94
36) 1,1-Dichloropropene	5.556	75	6510	5.059	ug/l #	50
37) Ethyl Acetate	4.708	43	400242	279.512	ug/l	97
38) Carbon Tetrachloride	5.550	117	7876	6.437	ug/l #	15
39) Methylcyclohexane	7.379	83	78388	52.414	ug/l	97
40) Benzene	6.044	78	3062821	851.081	ug/l	100
41) Methacrylonitrile	4.958	41	173	0.228	ug/l #	41
42) 1,2-Dichloroethane	6.044	62	27747	19.726	ug/l #	77
43) Isopropyl Acetate	6.330	43	3792	1.696	ug/l #	54
45) 1,2-Dichloropropane	7.385	63	940	1.004	ug/l #	1
47) Bromodichloromethane	7.763	83	556	0.418	ug/l #	18
48) Methyl methacrylate	7.659	41	6800	5.945	ug/l #	27
51) 4-Methyl-2-Pentanone	8.439	43	8723	5.716	ug/l #	42
52) Toluene	8.738	92	9626267	4083.718	ug/l	89
53) t-1,3-Dichloropropene	8.738	75	142968	89.890	ug/l #	1
55) 1,1,2-Trichloroethane	9.195	97	483	0.480	ug/l #	15
56) Ethyl methacrylate	9.098	69	2055	1.365	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.147	63	798	1.121	ug/l #	47
59) 2-Hexanone	9.439	43	2094	1.731	ug/l	92
67) Ethyl Benzene	10.195	91	4392096	824.809	ug/l	98

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

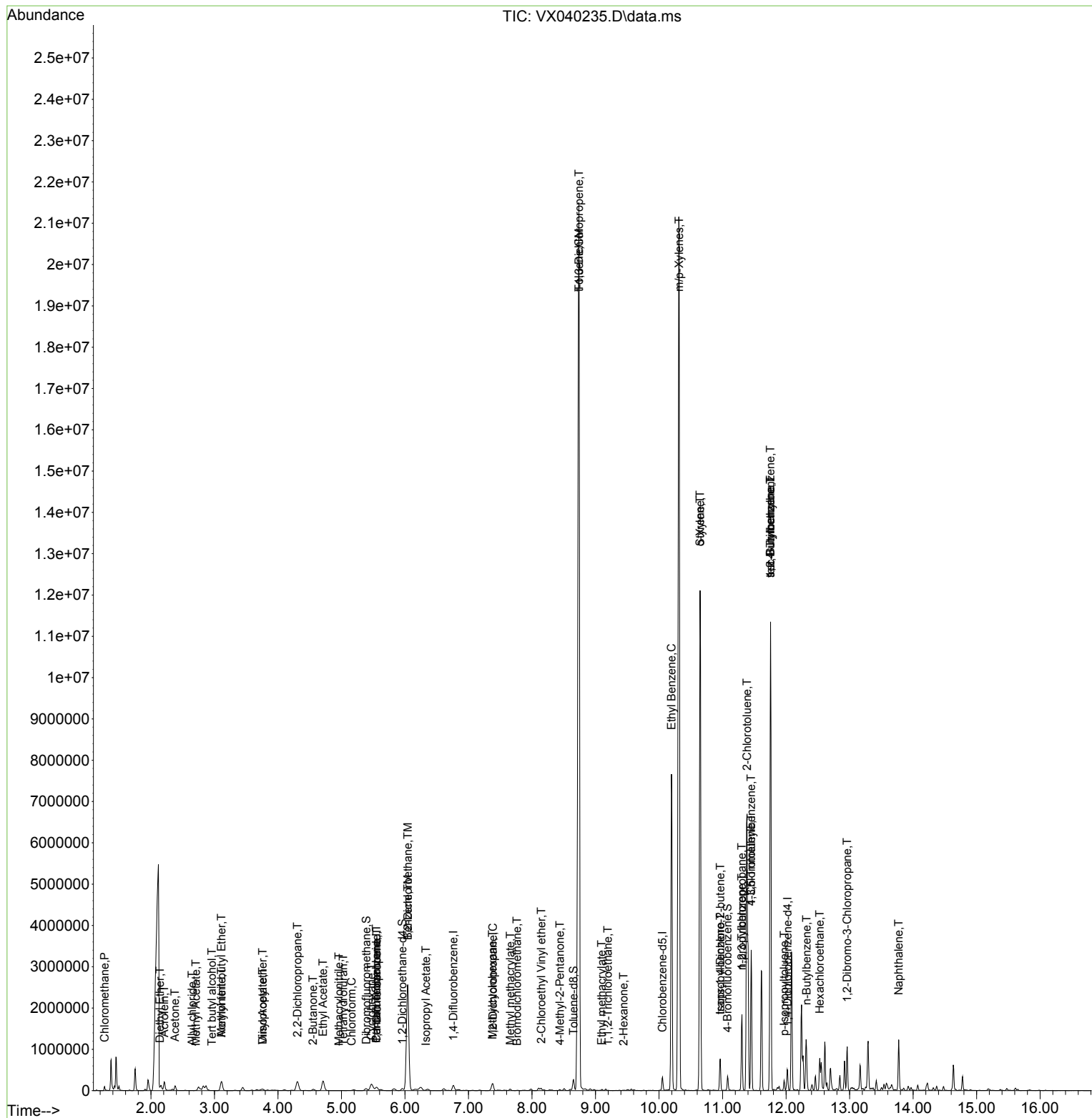
68) m/p-Xylenes	10.317	106	5609820	2789.410	ug/l	90
69) o-Xylene	10.646	106	2702124	1382.631	ug/l	98
70) Styrene	10.646	104	141903	43.673	ug/l #	1
73) Isopropylbenzene	10.963	105	394121	57.748	ug/l	98
76) 1,2,3-Trichloropropane	11.305	75	7215	3.677	ug/l #	1
78) n-propylbenzene	11.305	91	1100757	133.220	ug/l	100
79) 2-Chlorotoluene	11.384	91	627871	125.840	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	1418576	246.894	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.963	75	5058	10.274	ug/l #	61
82) 4-Chlorotoluene	11.451	91	161180	27.265	ug/l #	46
83) tert-Butylbenzene	11.756	119	589647	104.675	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.756	105	4827654	830.500	ug/l	95
85) sec-Butylbenzene	11.756	105	4827654	666.858	ug/l #	57
86) p-Isopropyltoluene	11.969	119	98660	16.625	ug/l	96
89) n-Butylbenzene	12.323	91	177252	30.943	ug/l #	23
90) Hexachloroethane	12.530	117	32031	34.220	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	3379	5.971	ug/l #	9
95) Naphthalene	13.774	128	711361	106.404	ug/l	100

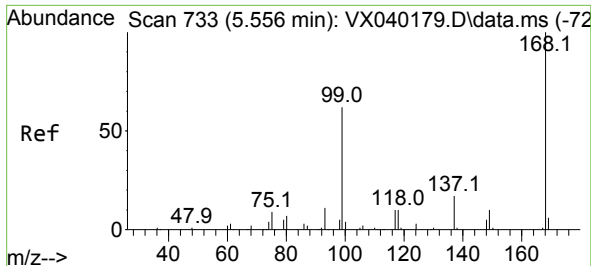
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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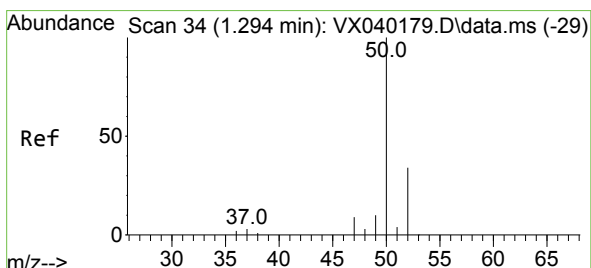
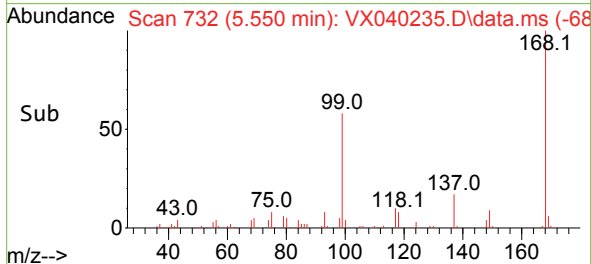
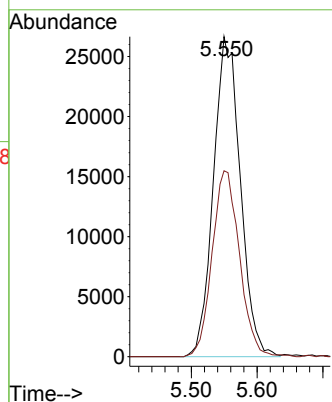
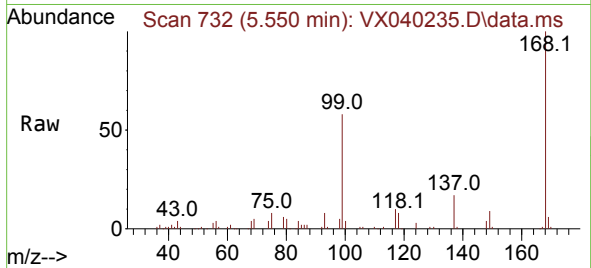




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040235.D
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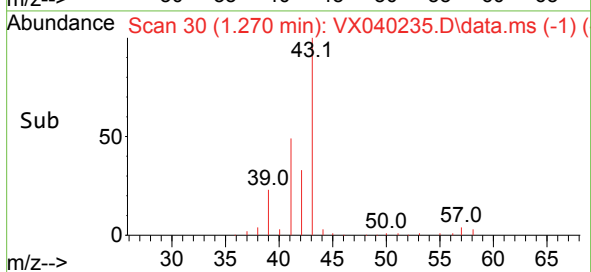
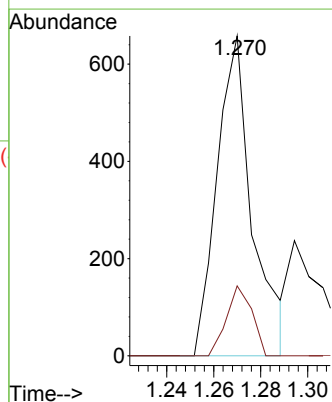
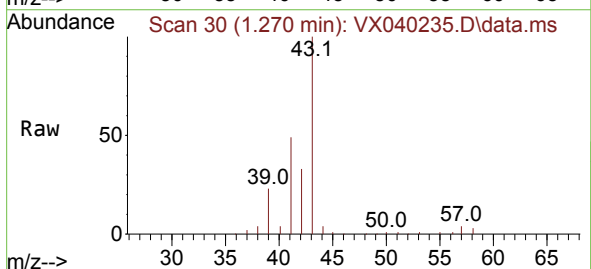
Instrument :
MSVOA_X
ClientSampleId :
50240

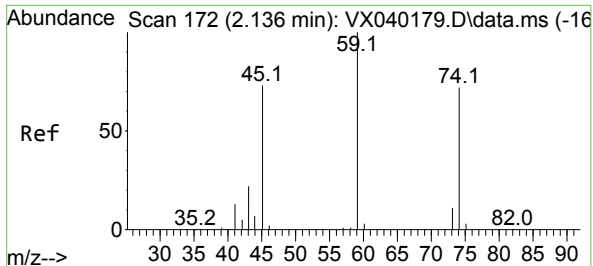
Tgt Ion:168 Resp: 75973
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#3
Chloromethane
Concen: 0.775 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 50 Resp: 686
Ion Ratio Lower Upper
50 100
52 21.9 25.5 38.3#

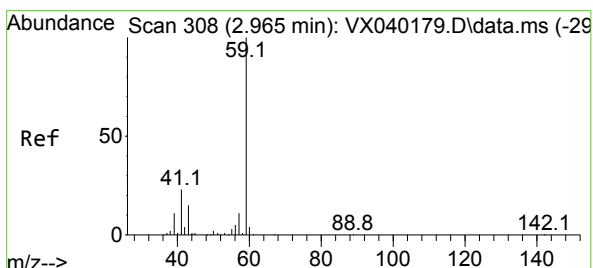
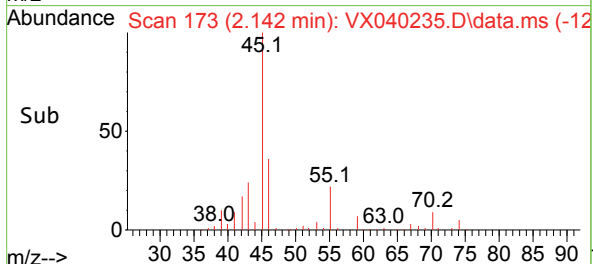
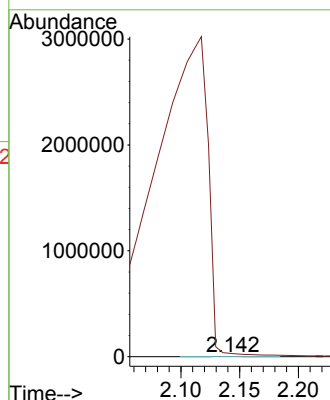
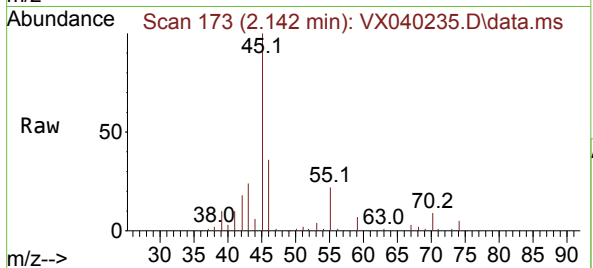




#8
Diethyl Ether
Concen: 4.415 ug/l
RT: 2.142 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

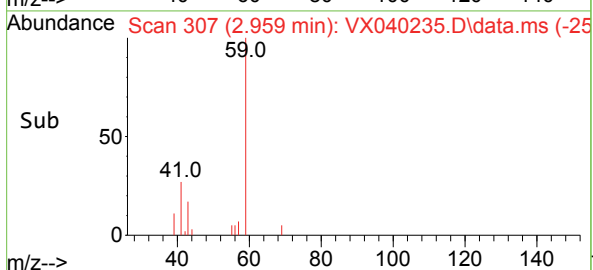
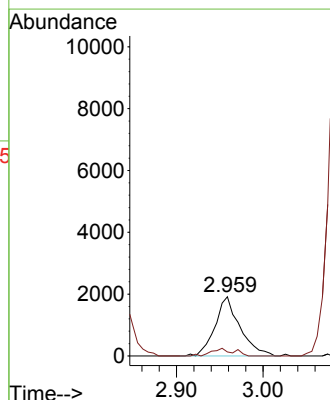
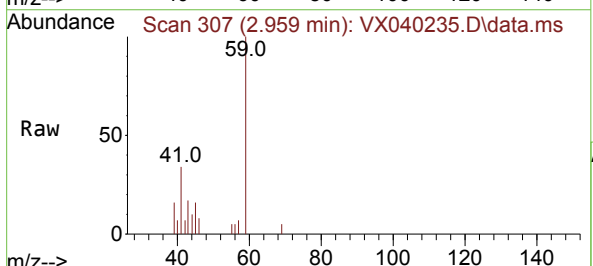
Instrument :
MSVOA_X
ClientSampleId :
50240

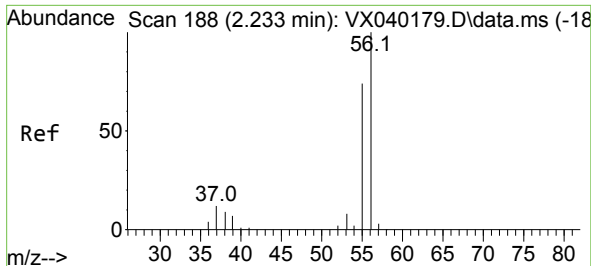
Tgt Ion: 74 Resp: 2491
Ion Ratio Lower Upper
74 100
45 0.0 53.3 159.8#



#11
Tert butyl alcohol
Concen: 17.329 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 59 Resp: 3815
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 24.679 ug/l

RT: 2.209 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

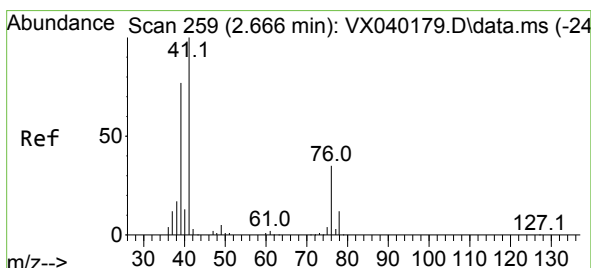
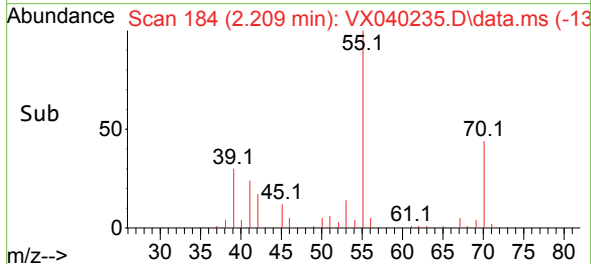
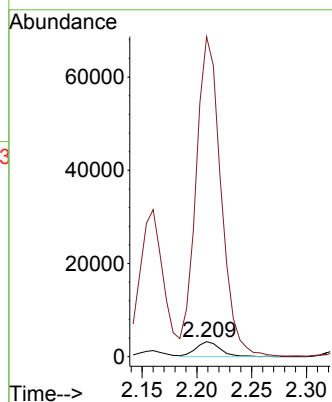
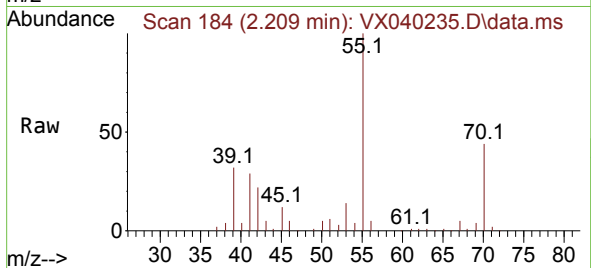
50240

Tgt Ion: 56 Resp: 5015

Ion Ratio Lower Upper

56 100

55 2156.7 57.1 85.7#



#14

Allyl chloride

Concen: 0.990 ug/l

RT: 2.648 min Scan# 256

Delta R.T. -0.012 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

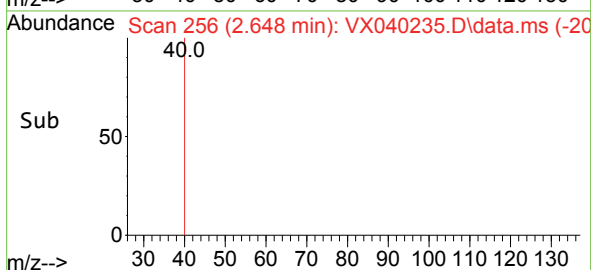
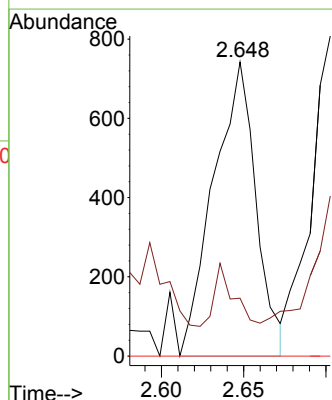
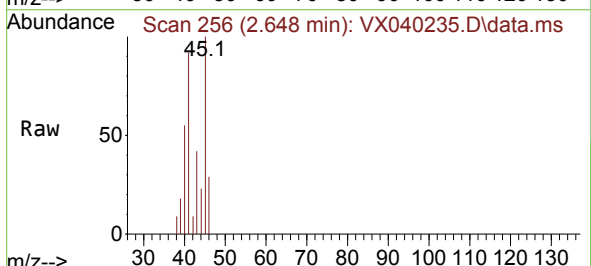
Tgt Ion: 41 Resp: 1333

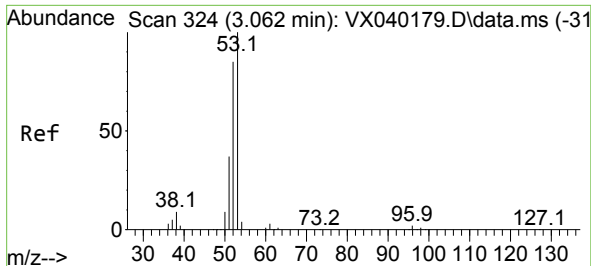
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 8.143 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

50240

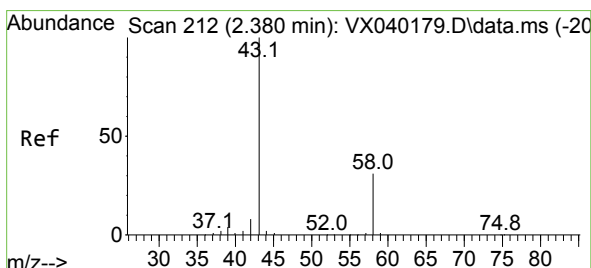
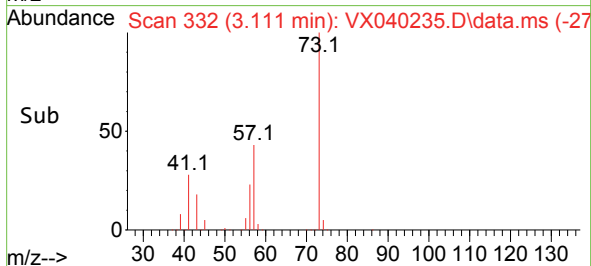
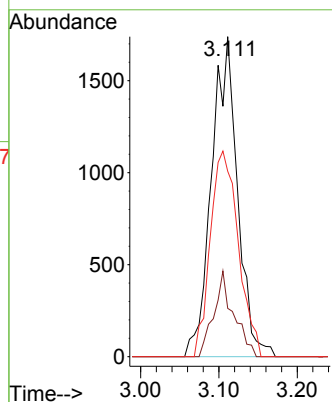
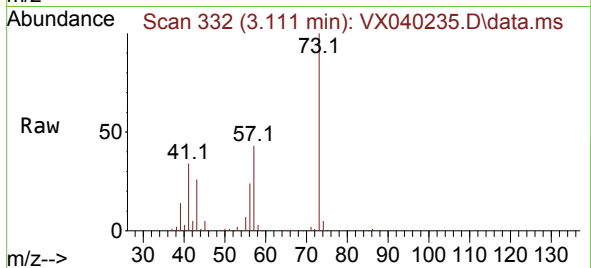
Tgt Ion: 53 Resp: 4011

Ion Ratio Lower Upper

53 100

52 20.4 66.0 99.0#

51 69.3 29.8 44.6#



#16

Acetone

Concen: 246.669 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040235.D

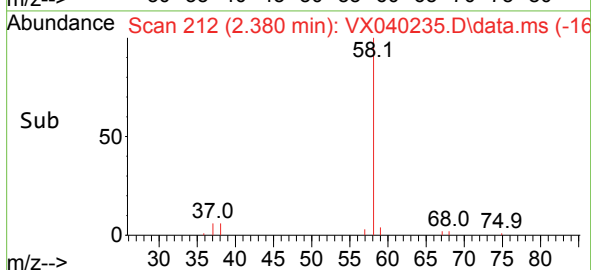
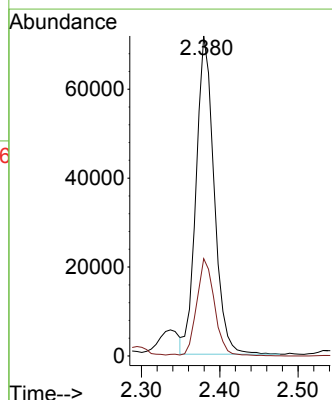
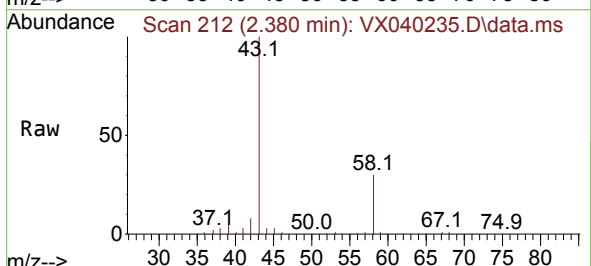
Acq: 14 Feb 2024 20:54

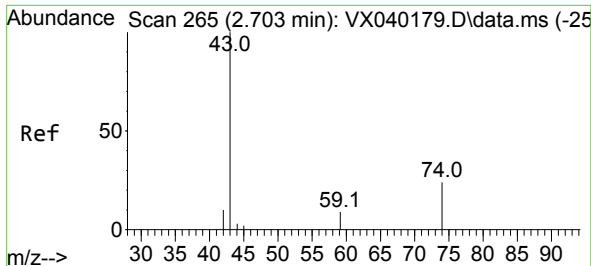
Tgt Ion: 43 Resp: 114505

Ion Ratio Lower Upper

43 100

58 30.5 21.9 32.9

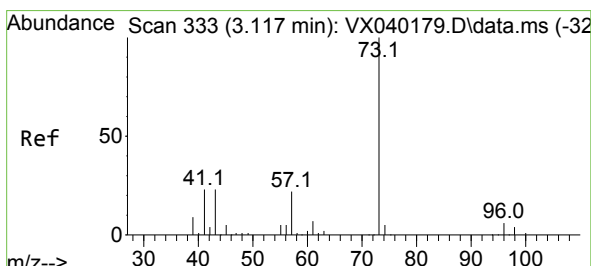
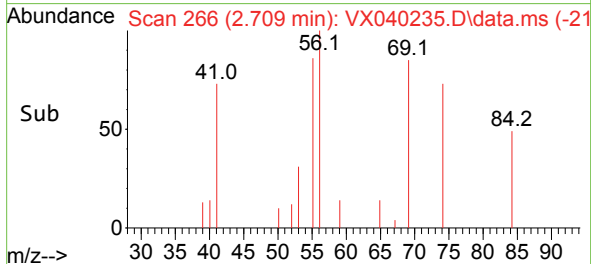
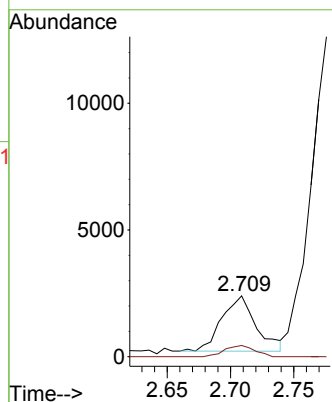
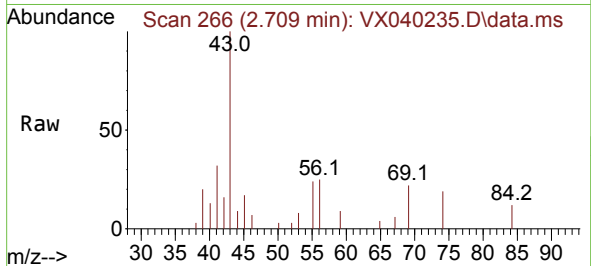




#18
Methyl Acetate
Concen: 3.288 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
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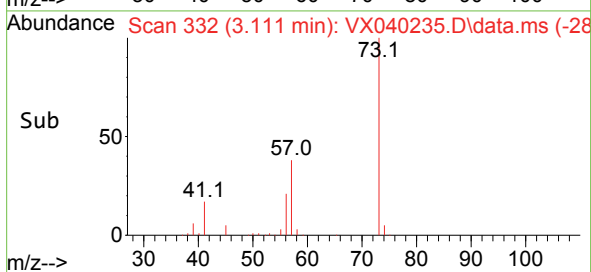
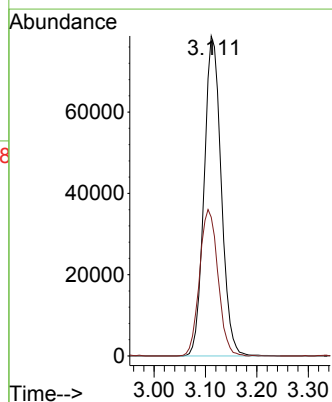
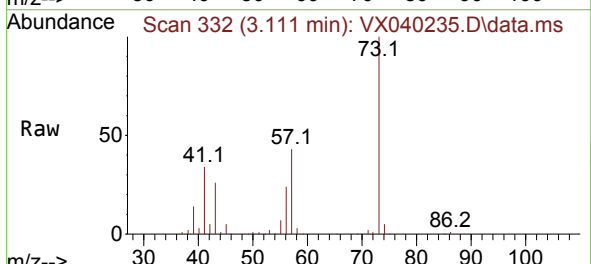
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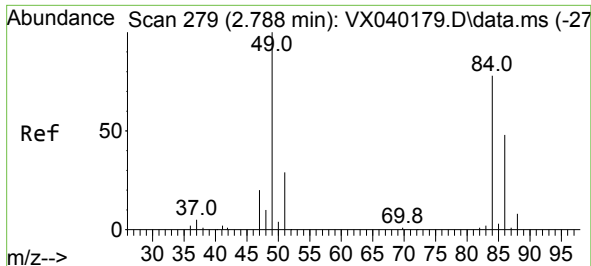
Tgt Ion: 43 Resp: 4091
Ion Ratio Lower Upper
43 100
74 17.8 17.8 26.8



#19
Methyl tert-butyl Ether
Concen: 66.528 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 73 Resp: 181797
Ion Ratio Lower Upper
73 100
57 43.3 17.3 25.9#

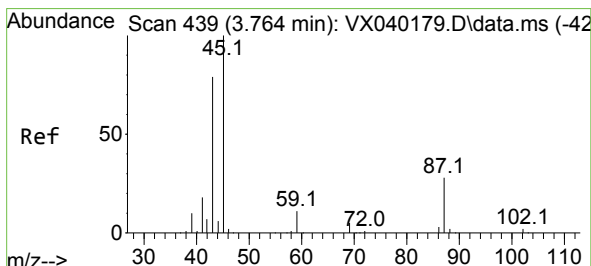
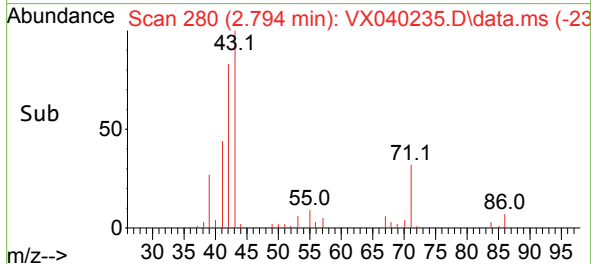
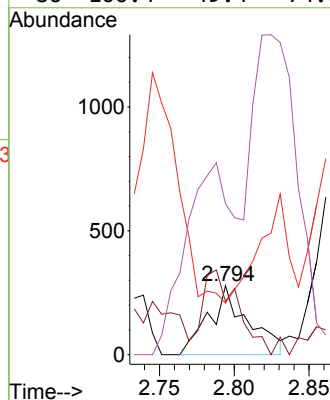
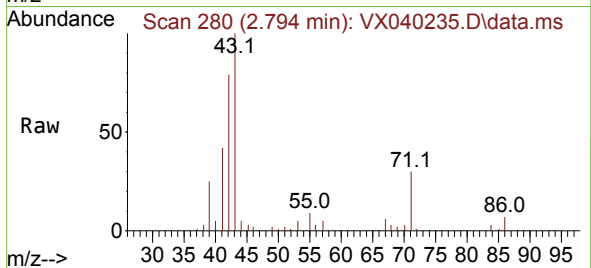




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040235.D
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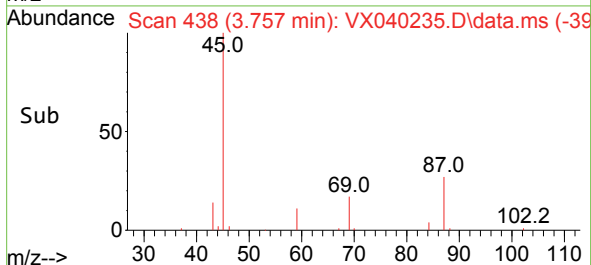
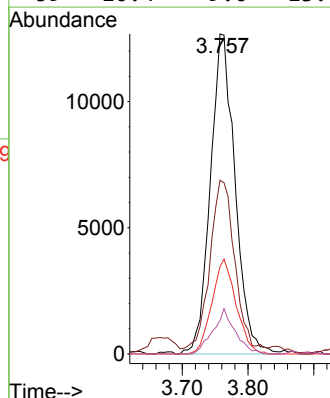
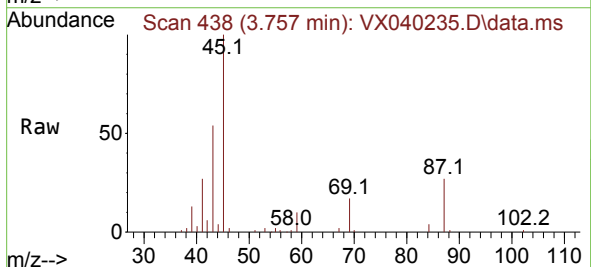
Instrument :
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ClientSampleId :
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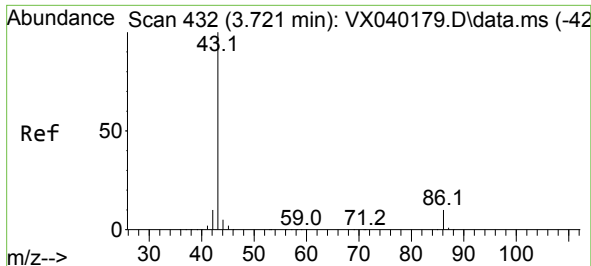
Tgt Ion: 84 Resp: 510
Ion Ratio Lower Upper
84 100
49 52.2 103.6 155.4#
51 0.0 33.8 50.6#
86 100.4 49.4 74.0#



#22
Diisopropyl ether
Concen: 12.147 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 45 Resp: 33160
Ion Ratio Lower Upper
45 100
43 52.6 69.7 104.5#
87 27.3 20.8 31.2
59 10.4 9.0 13.4

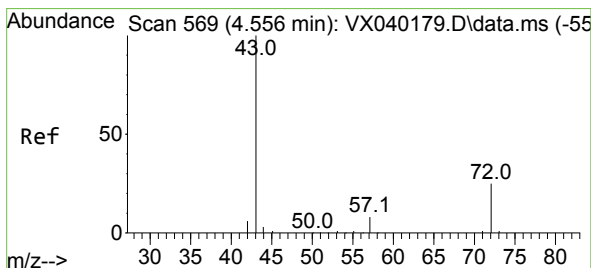
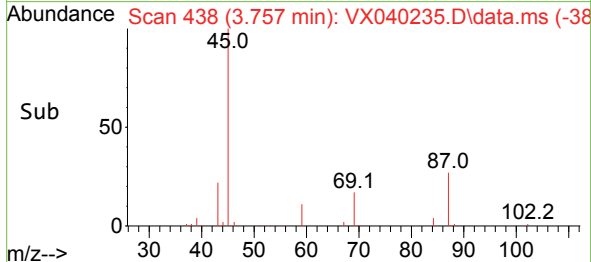
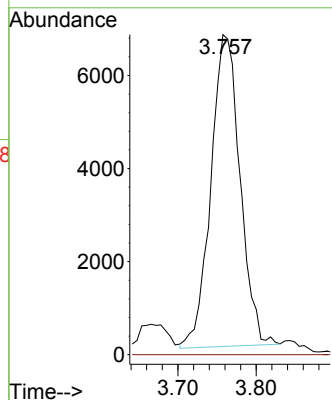
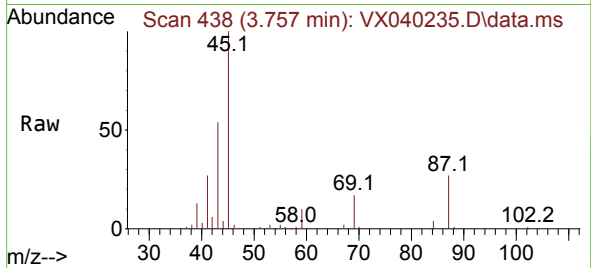




#23
 Vinyl Acetate
 Concen: 7.118 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.037 min
 Lab File: VX040235.D
 Acq: 14 Feb 2024 20:54

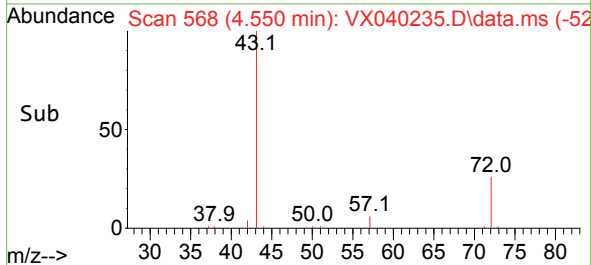
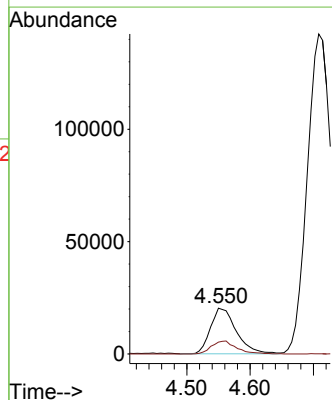
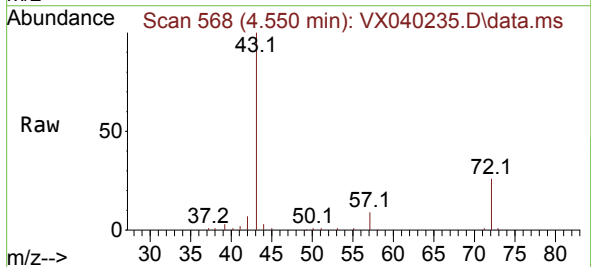
Instrument :
 MSVOA_X
 ClientSampleId :
 50240

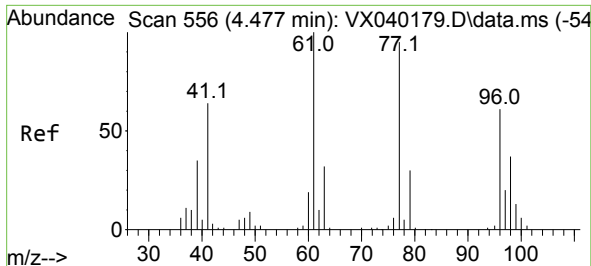
Tgt Ion: 43 Resp: 17322
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 79.885 ug/l
 RT: 4.550 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: VX040235.D
 Acq: 14 Feb 2024 20:54

Tgt Ion: 43 Resp: 57966
 Ion Ratio Lower Upper
 43 100
 72 26.2 19.4 29.2





#26

2,2-Dichloropropane

Concen: 0.888 ug/l

RT: 4.306 min Scan# 51

Delta R.T. -0.165 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

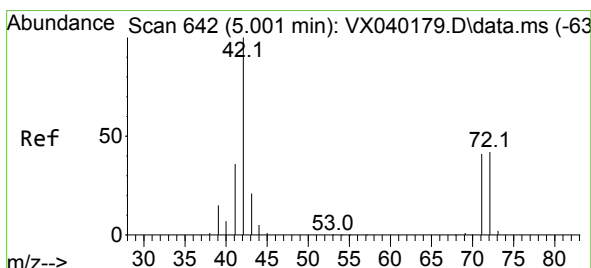
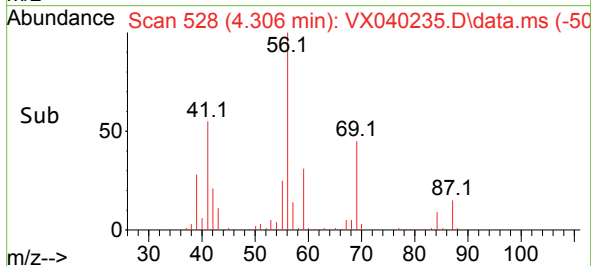
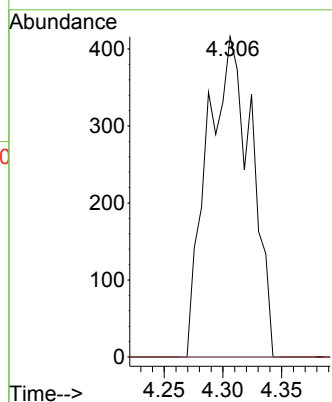
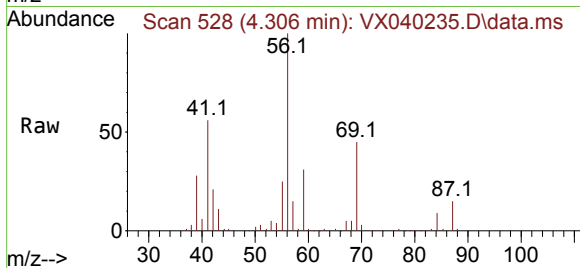
50240

Tgt Ion: 77 Resp: 1087

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#29

Tetrahydrofuran

Concen: 1.166 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

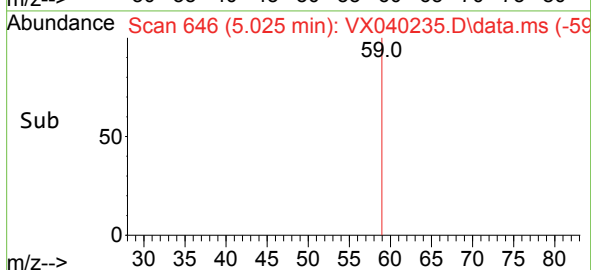
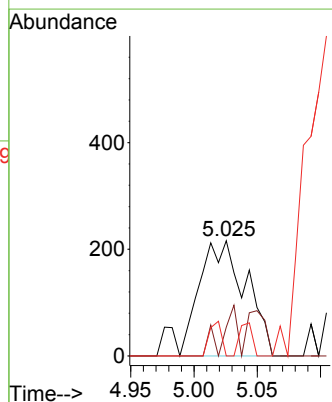
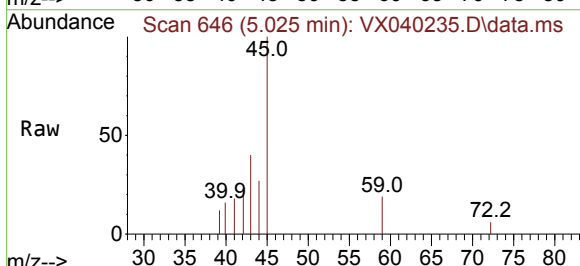
Tgt Ion: 42 Resp: 551

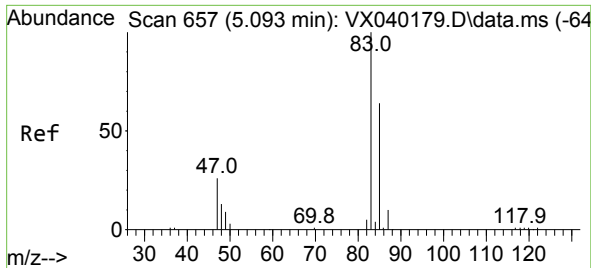
Ion Ratio Lower Upper

42 100

72 13.8 34.2 51.4#

71 0.0 32.2 48.2#





#30

Chloroform

Concen: 1.039 ug/l

RT: 5.160 min Scan# 6

Delta R.T. 0.061 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

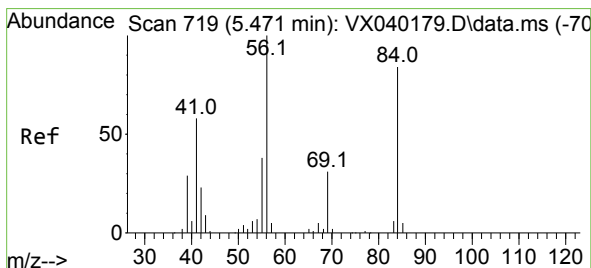
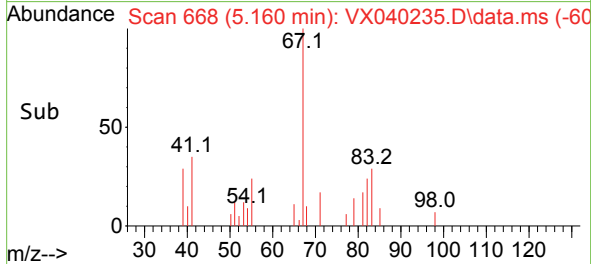
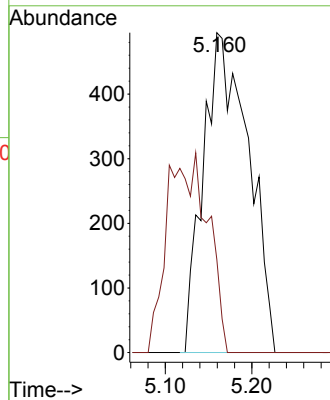
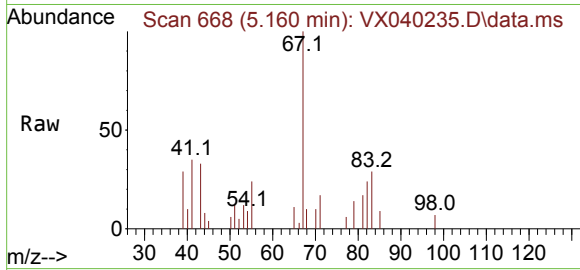
50240

Tgt Ion: 83 Resp: 1787

Ion Ratio Lower Upper

83 100

85 29.1 50.3 75.5#



#31

Cyclohexane

Concen: 84.178 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

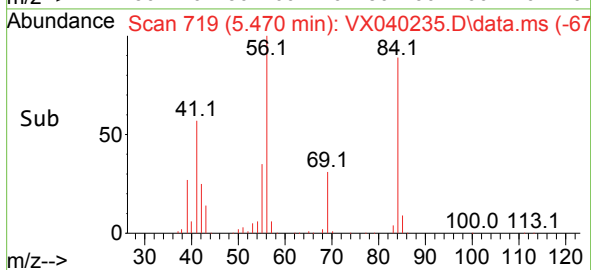
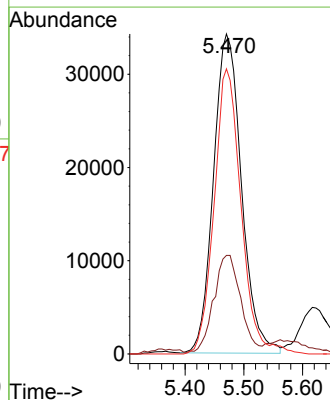
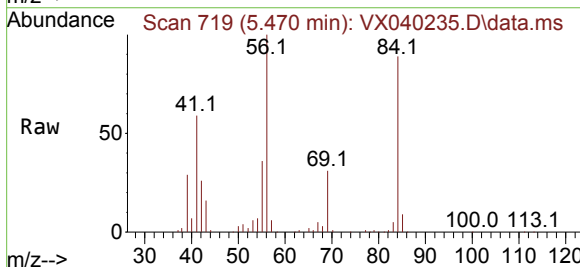
Tgt Ion: 56 Resp: 113483

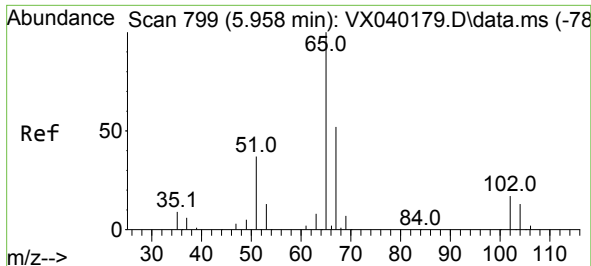
Ion Ratio Lower Upper

56 100

69 29.6 23.4 35.2

84 89.4 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 43.693 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

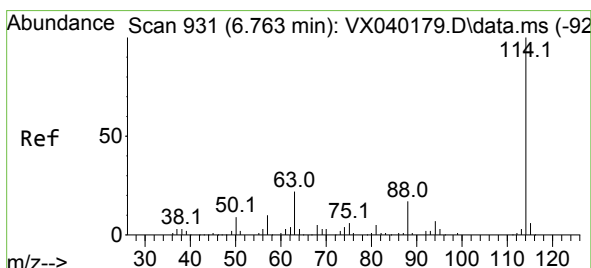
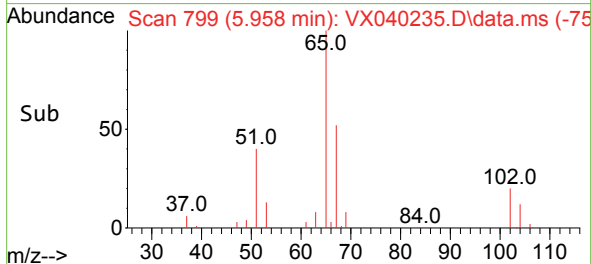
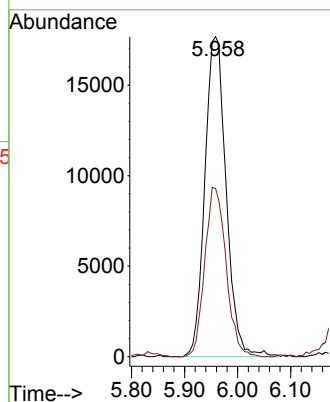
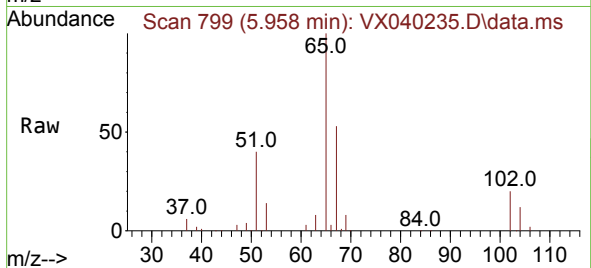
50240

Tgt Ion: 65 Resp: 49384

Ion Ratio Lower Upper

65 100

67 52.8 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: VX040235.D

Acq: 14 Feb 2024 20:54

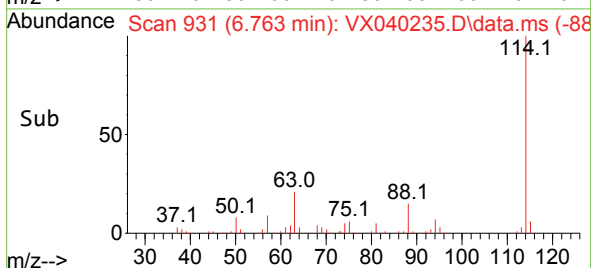
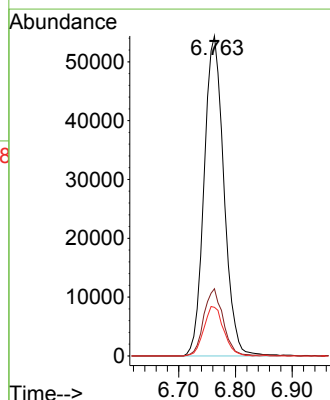
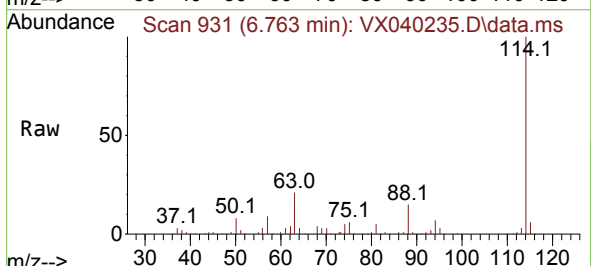
Tgt Ion: 114 Resp: 131549

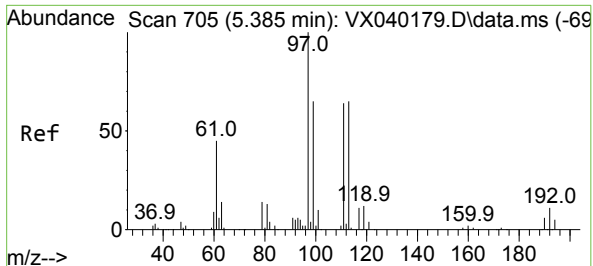
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.662 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040235.D

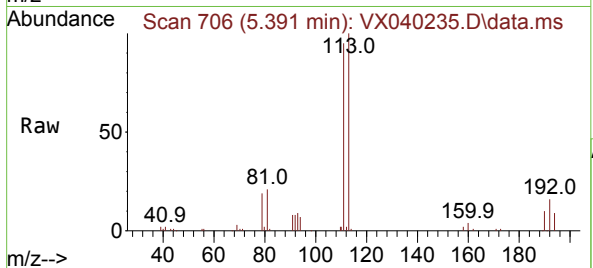
Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

50240



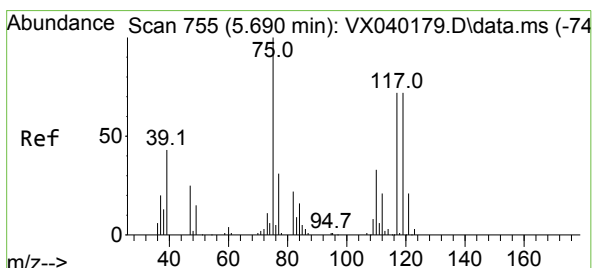
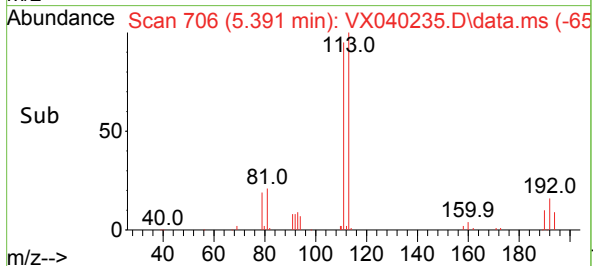
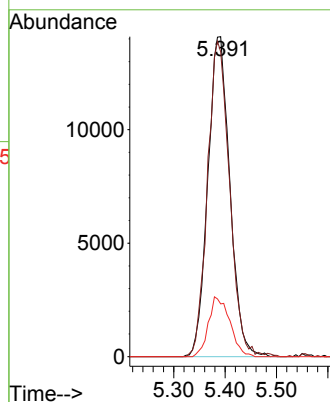
Tgt Ion:113 Resp: 41948

Ion Ratio Lower Upper

113 100

111 98.7 82.9 124.3

192 18.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.059 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

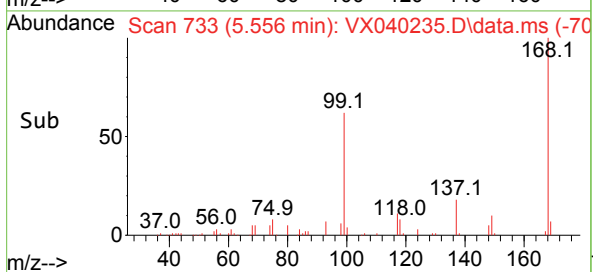
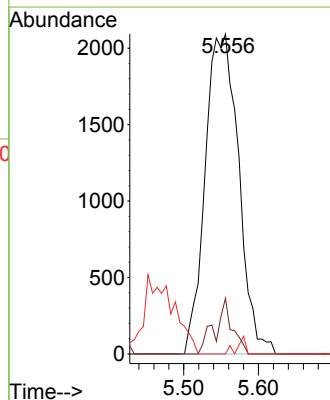
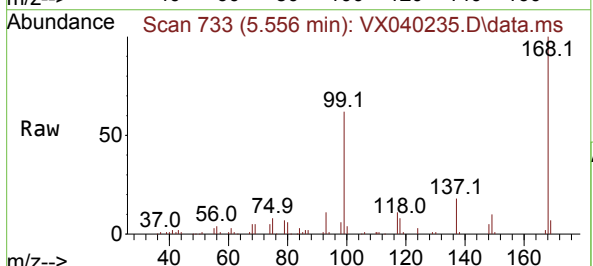
Tgt Ion: 75 Resp: 6510

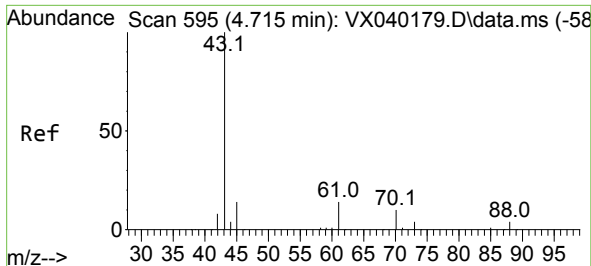
Ion Ratio Lower Upper

75 100

110 9.0 17.0 50.9#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 279.512 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.012 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

50240

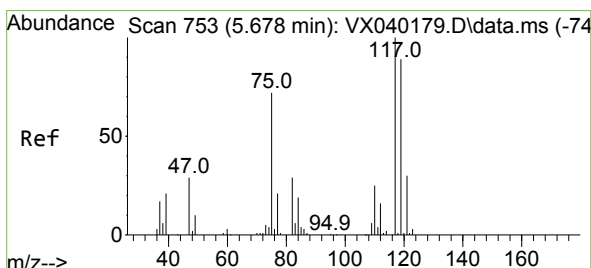
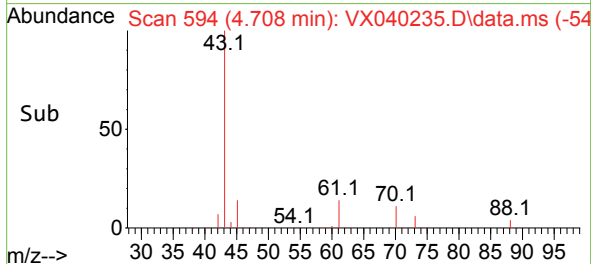
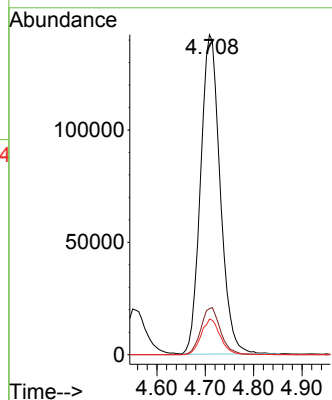
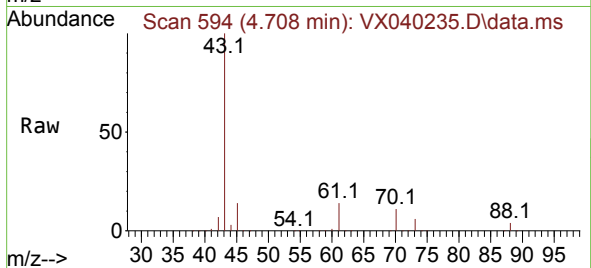
Tgt Ion: 43 Resp: 400242

Ion Ratio Lower Upper

43 100

61 14.7 10.6 16.0

70 10.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 6.437 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

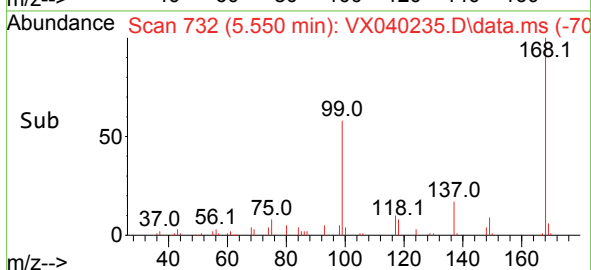
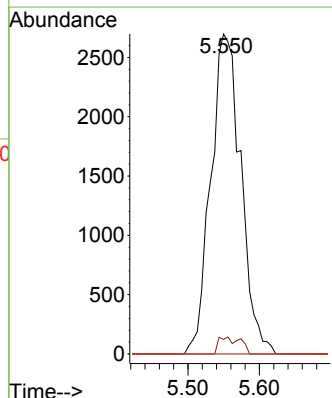
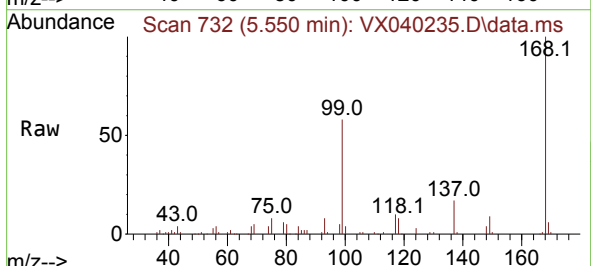
Tgt Ion: 117 Resp: 7876

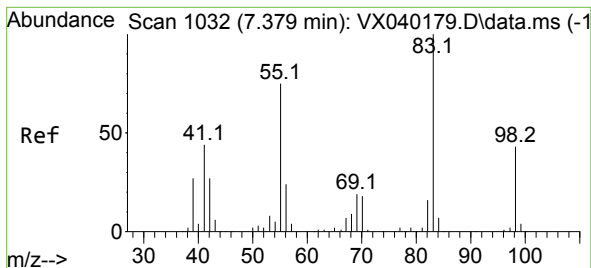
Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 52.414 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

50240

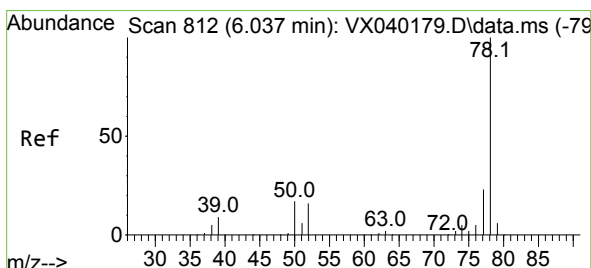
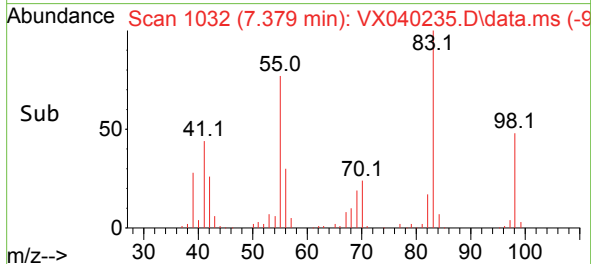
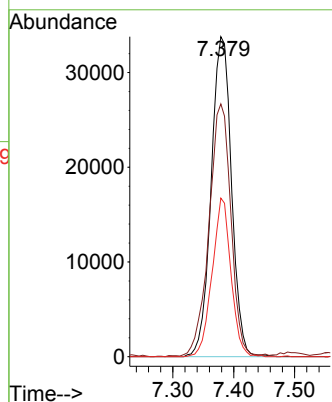
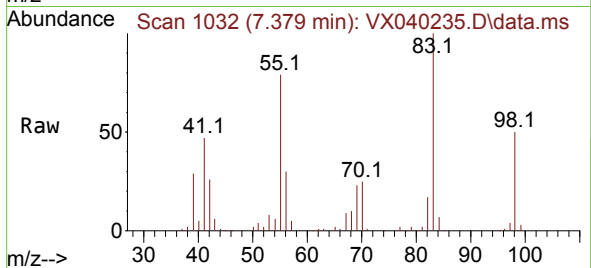
Tgt Ion: 83 Resp: 78388

Ion Ratio Lower Upper

83 100

55 78.8 64.6 97.0

98 49.6 36.7 55.1



#40

Benzene

Concen: 851.081 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX040235.D

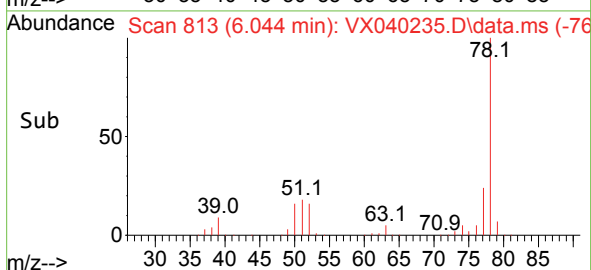
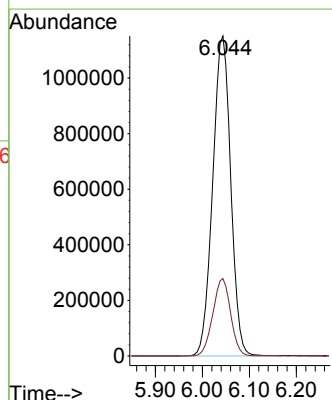
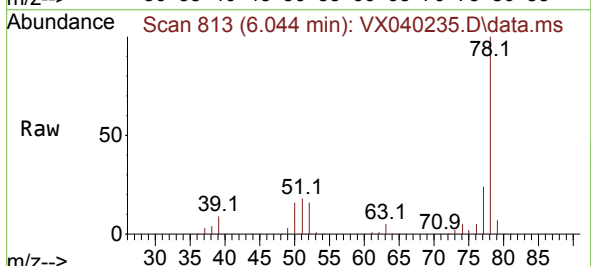
Acq: 14 Feb 2024 20:54

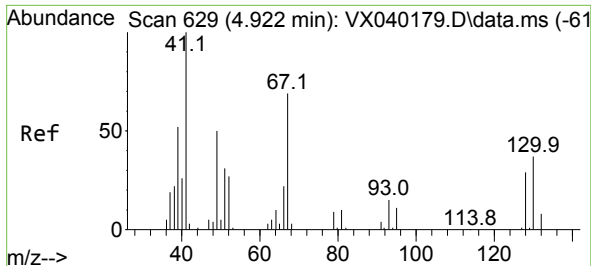
Tgt Ion: 78 Resp: 3062821

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

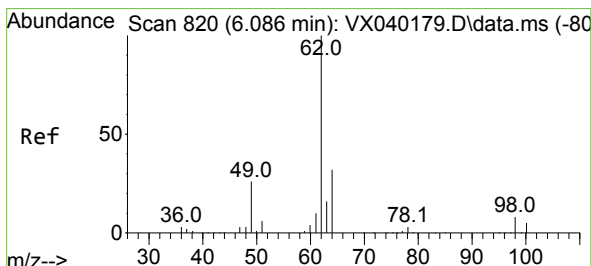
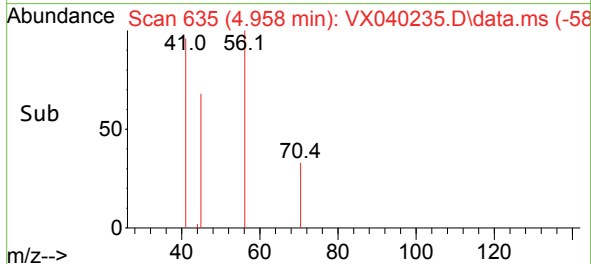
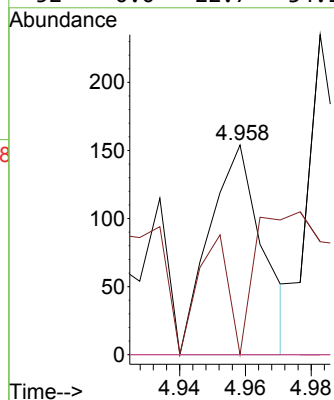
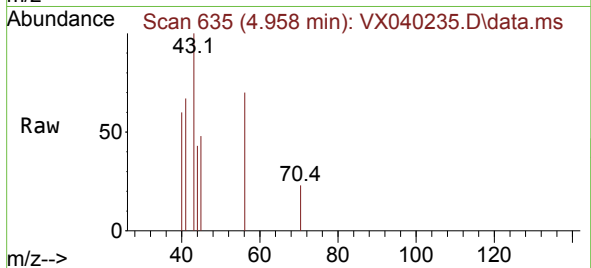




#41
Methacrylonitrile
Concen: 0.228 ug/l
RT: 4.958 min Scan# 61
Delta R.T. 0.031 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

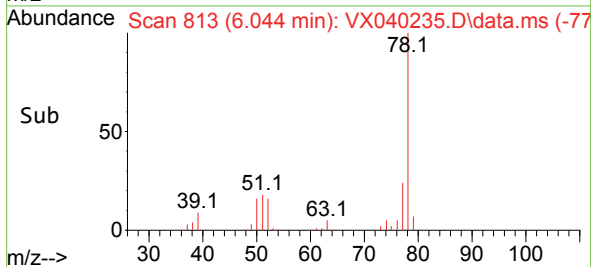
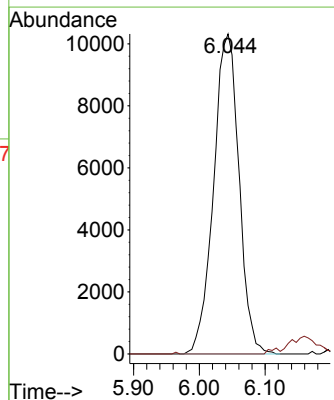
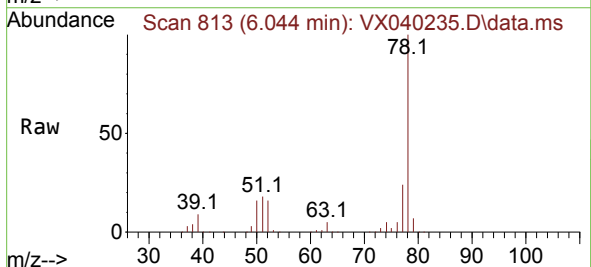
Instrument :
MSVOA_X
ClientSampleId :
50240

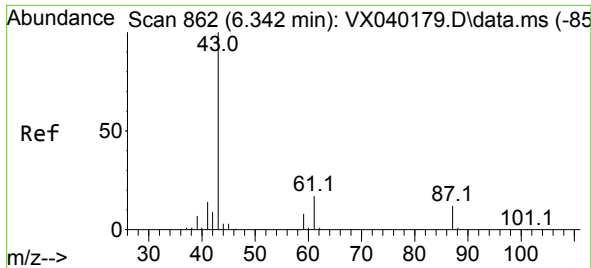
Tgt Ion: 41	Resp: 173
Ion Ratio	Lower Upper
41 100	
39 82.1	45.2 67.8#
67 0.0	52.6 78.8#
52 0.0	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 19.726 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.043 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 62	Resp: 27747
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 16.0

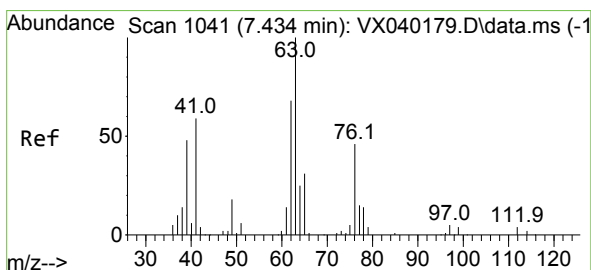
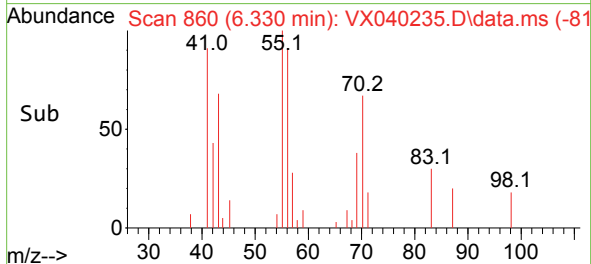
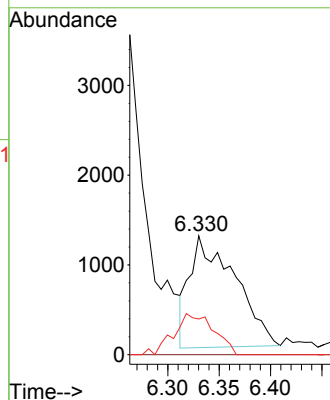
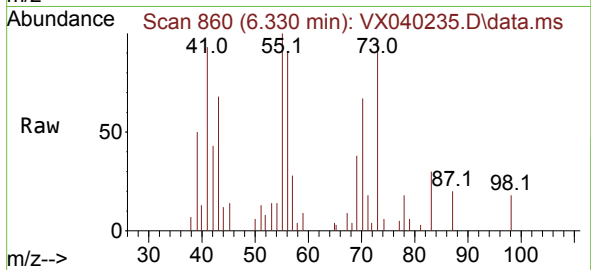




#43
Isopropyl Acetate
Concen: 1.696 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

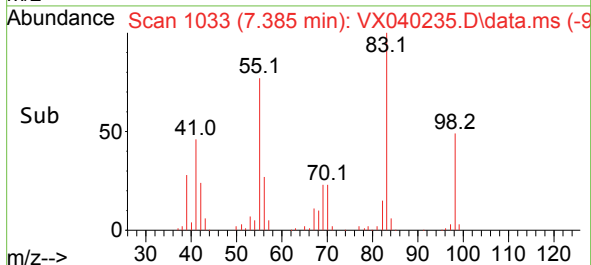
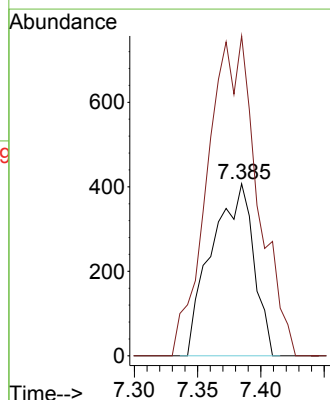
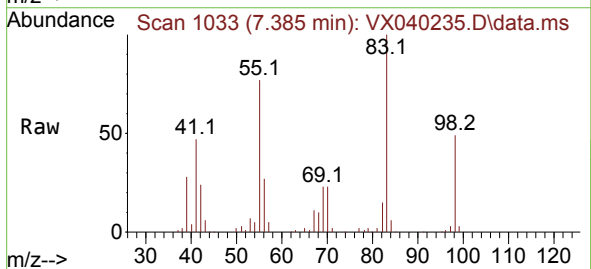
Instrument :
MSVOA_X
ClientSampleId :
50240

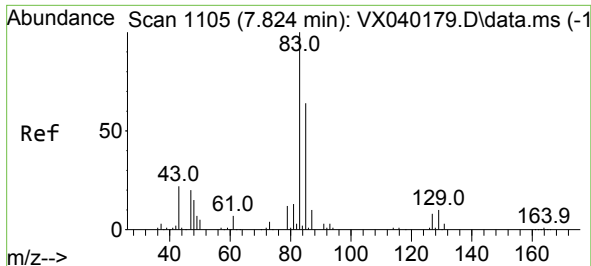
Tgt Ion: 43 Resp: 3792
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 32.9 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 1.004 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.043 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 63 Resp: 940
Ion Ratio Lower Upper
63 100
65 161.4 24.3 36.5#

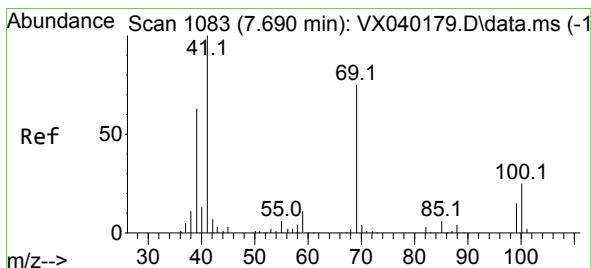
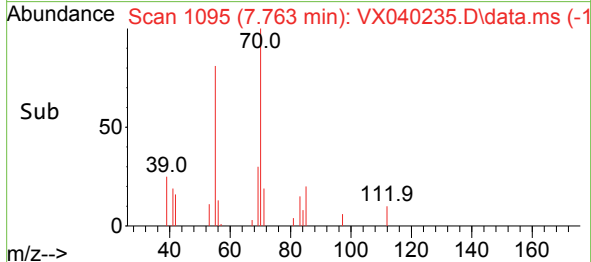
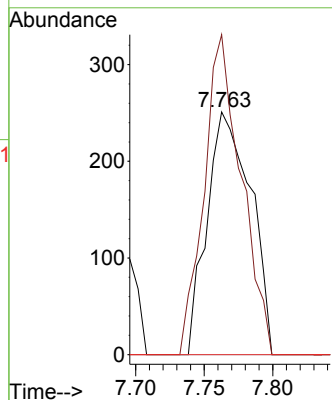
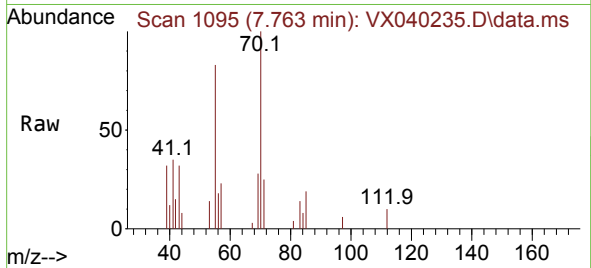




#47
Bromodichloromethane
Concen: 0.418 ug/l
RT: 7.763 min Scan# 1095
Delta R.T. -0.061 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

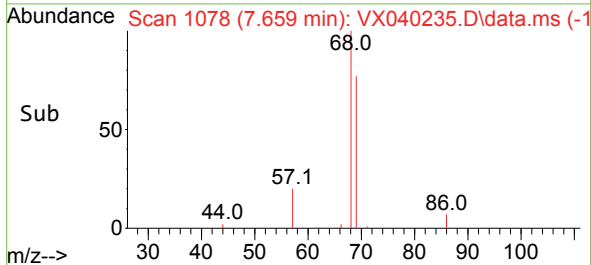
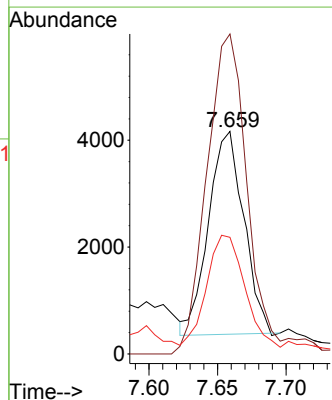
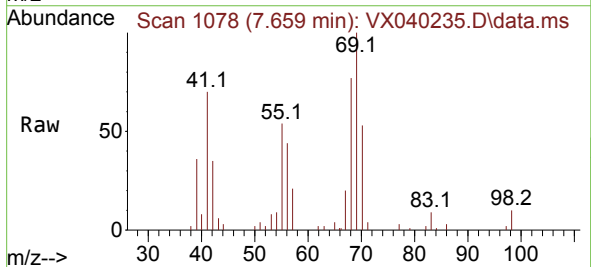
Instrument :
MSVOA_X
ClientSampleId :
50240

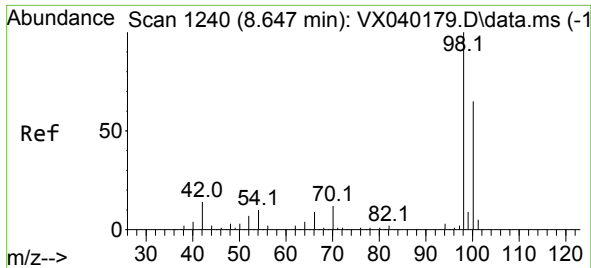
Tgt Ion: 83 Resp: 556
Ion Ratio Lower Upper
83 100
85 131.9 49.8 74.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 5.945 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.037 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 41 Resp: 6800
Ion Ratio Lower Upper
41 100
69 184.5 59.2 88.8#
39 59.0 47.7 71.5

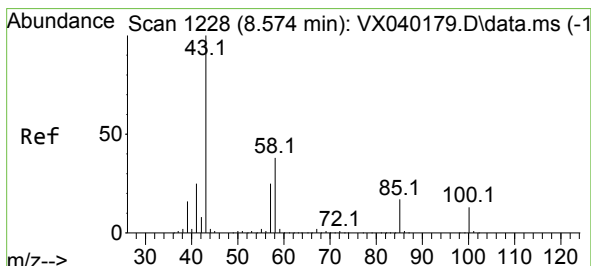
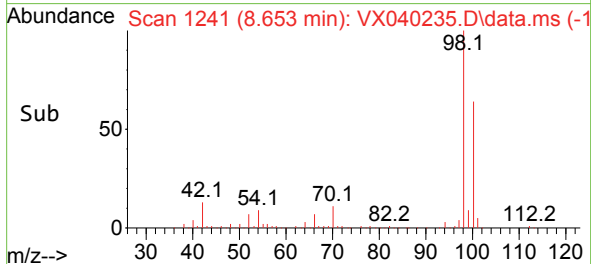
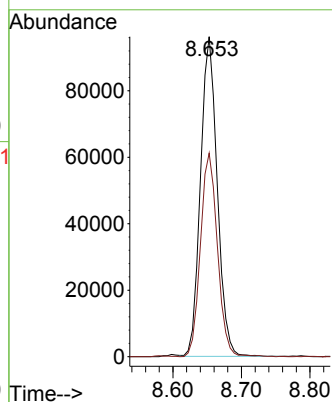
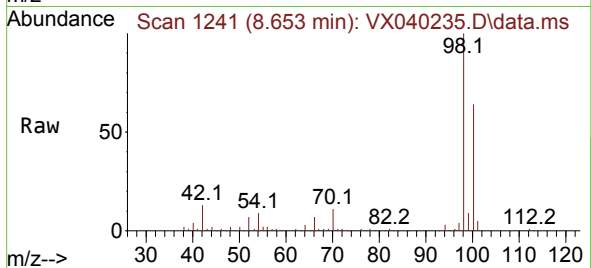




#50
Toluene-d8
Concen: 47.629 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

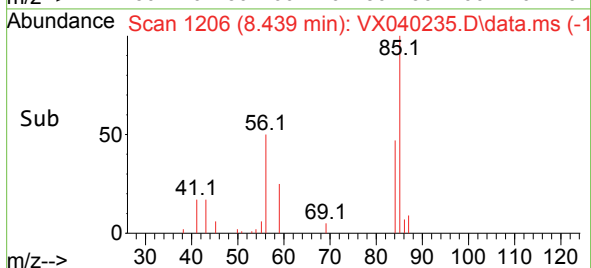
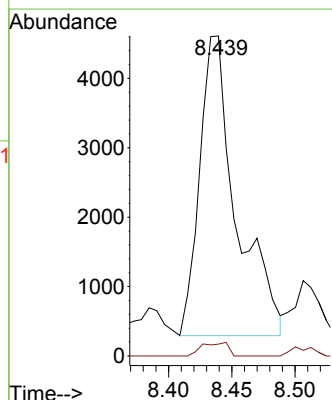
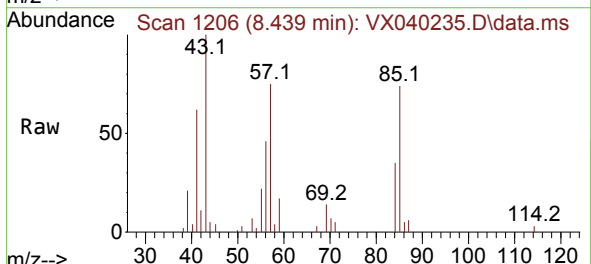
Instrument :
MSVOA_X
ClientSampleId :
50240

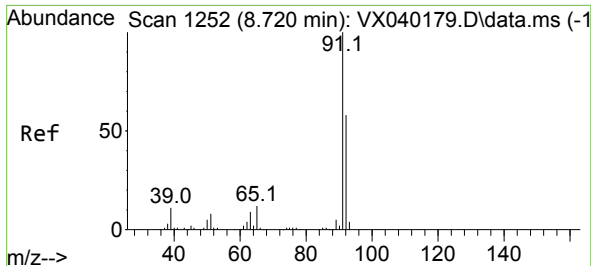
Tgt Ion: 98 Resp: 163676
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 5.716 ug/l
RT: 8.439 min Scan# 1206
Delta R.T. -0.135 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 43 Resp: 8723
Ion Ratio Lower Upper
43 100
58 3.2 30.4 45.6#

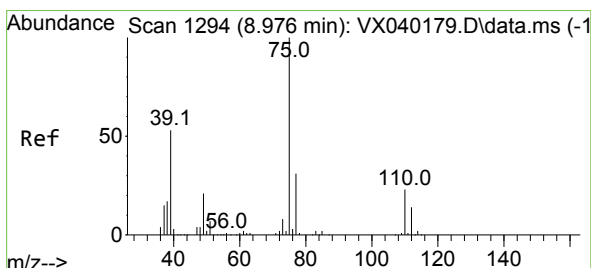
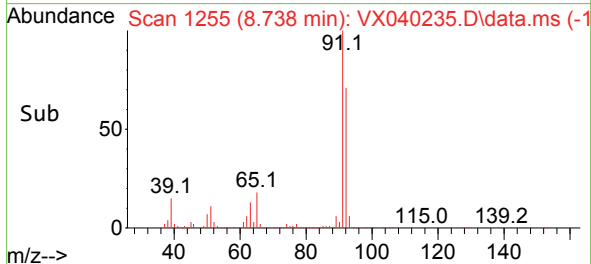
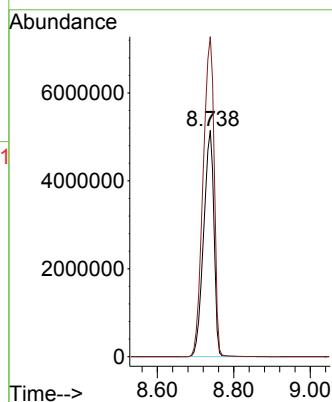
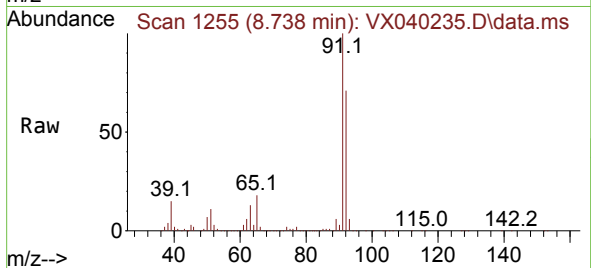




#52
Toluene
Concen: 4083.718 ug/l
RT: 8.738 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

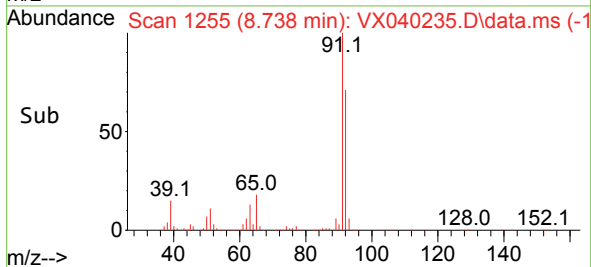
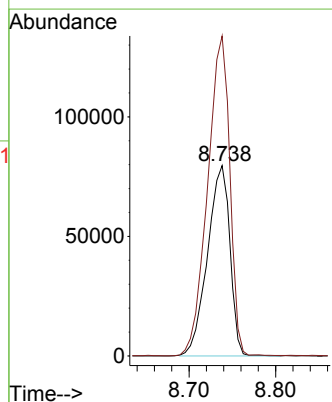
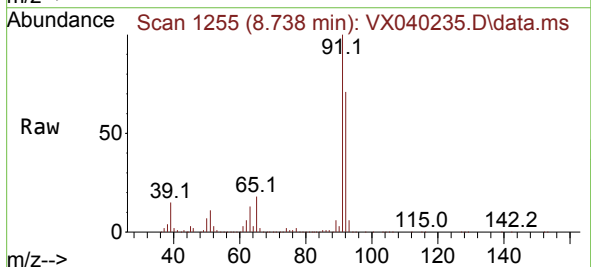
Instrument :
MSVOA_X
ClientSampleId :
50240

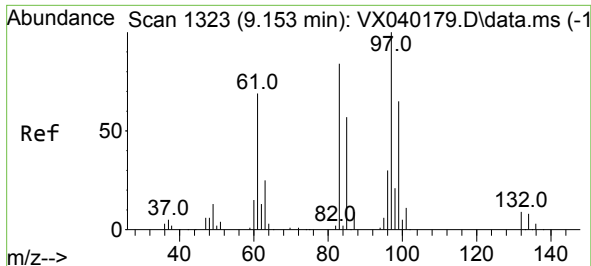
Tgt Ion: 92 Resp: 9626267
Ion Ratio Lower Upper
92 100
91 152.4 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 89.890 ug/l
RT: 8.738 min Scan# 1255
Delta R.T. -0.238 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 75 Resp: 142968
Ion Ratio Lower Upper
75 100
77 167.9 25.7 38.5#

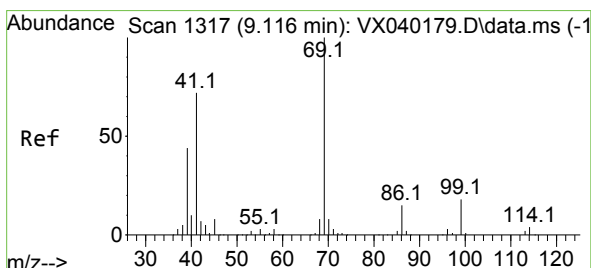
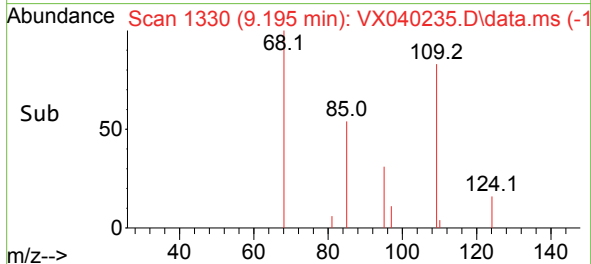
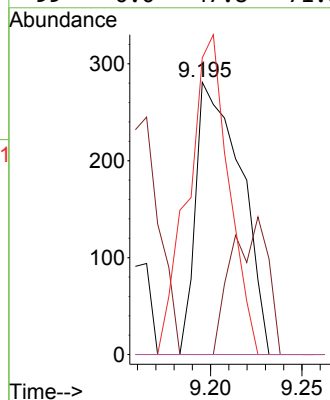
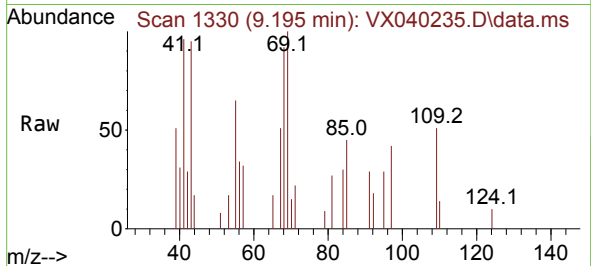




#55
1,1,2-Trichloroethane
Concen: 0.480 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. 0.043 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

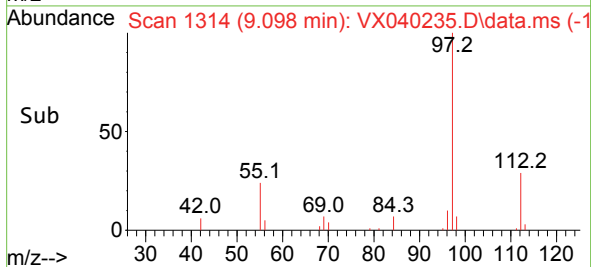
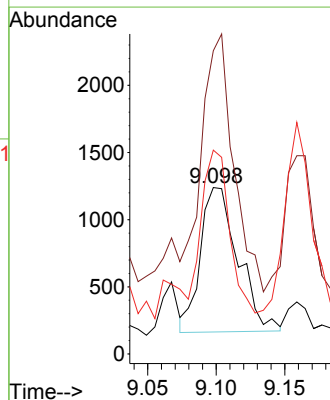
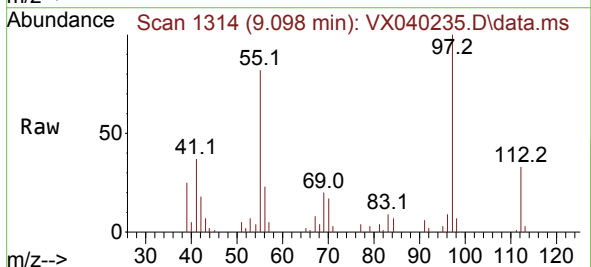
Instrument :
MSVOA_X
ClientSampleId :
50240

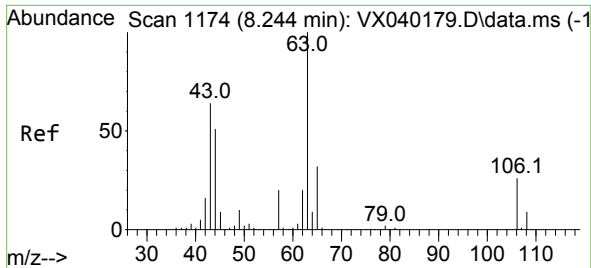
Tgt Ion: 97	Resp: 483
Ion Ratio	Lower Upper
97 100	
83 0.0	65.8 98.8#
85 108.9	41.6 62.4#
99 0.0	47.8 71.8#



#56
Ethyl methacrylate
Concen: 1.365 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 69	Resp: 2055
Ion Ratio	Lower Upper
69 100	
41 169.5	56.8 85.2#
39 82.3	32.0 48.0#

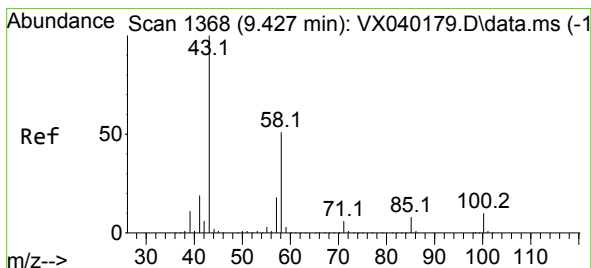
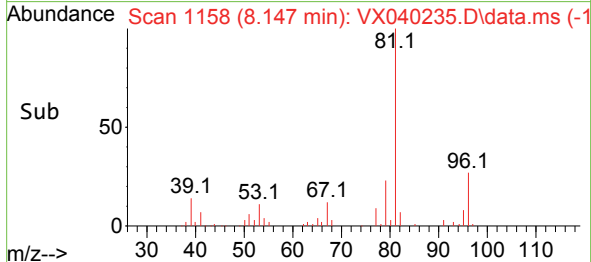
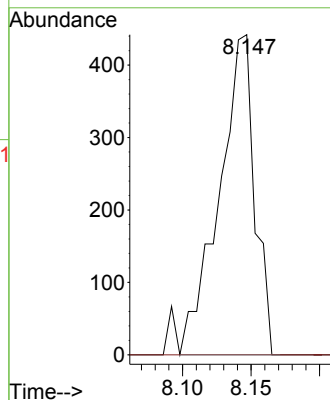
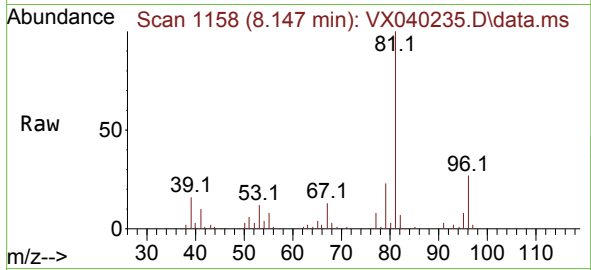




#58
2-Chloroethyl Vinyl ether
Concen: 1.121 ug/l
RT: 8.147 min Scan# 1174
Delta R.T. -0.098 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

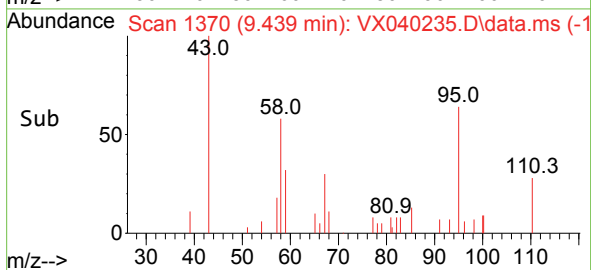
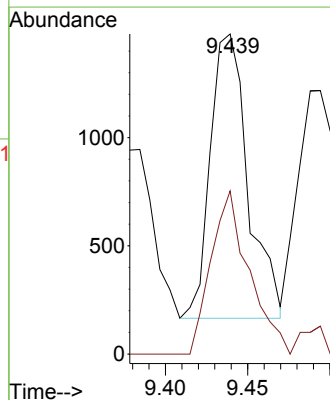
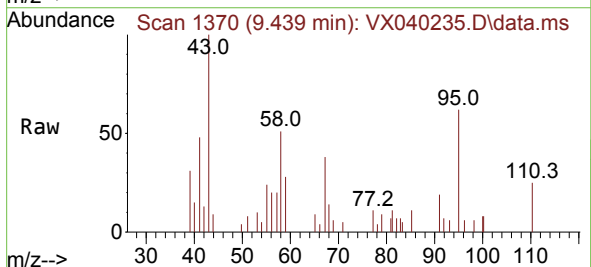
Instrument :
MSVOA_X
ClientSampleId :
50240

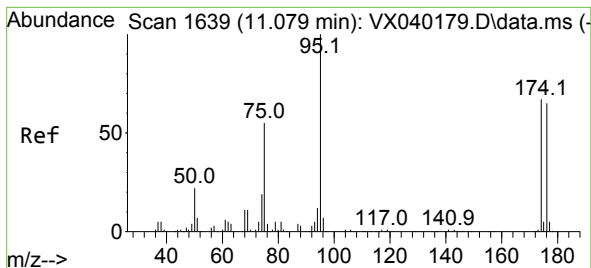
Tgt Ion: 63 Resp: 798
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#



#59
2-Hexanone
Concen: 1.731 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 43 Resp: 2094
Ion Ratio Lower Upper
43 100
58 57.7 26.2 78.5

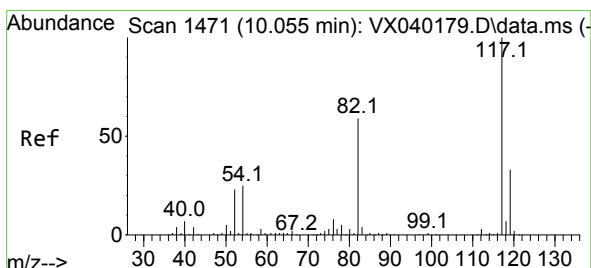
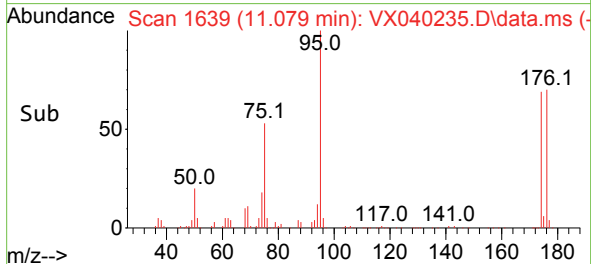
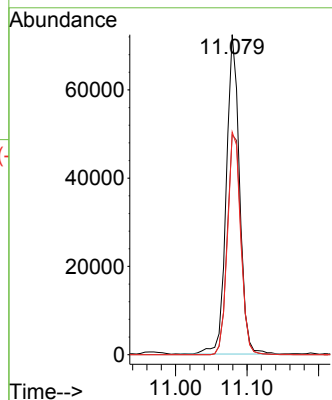
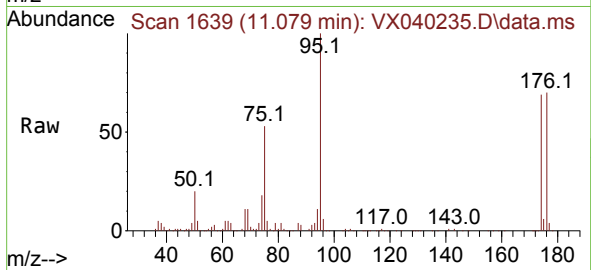




#62
4-Bromofluorobenzene
Concen: 66.707 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

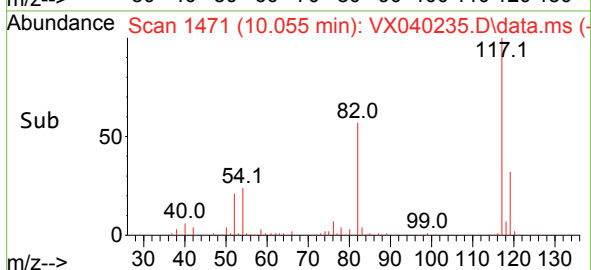
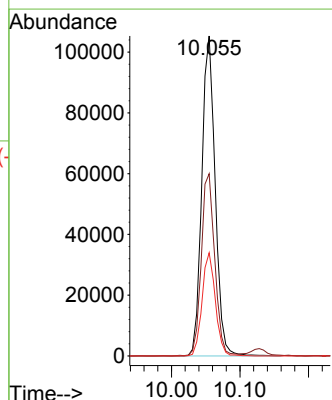
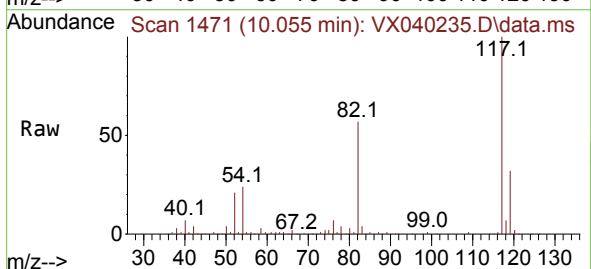
Instrument :
MSVOA_X
ClientSampleId :
50240

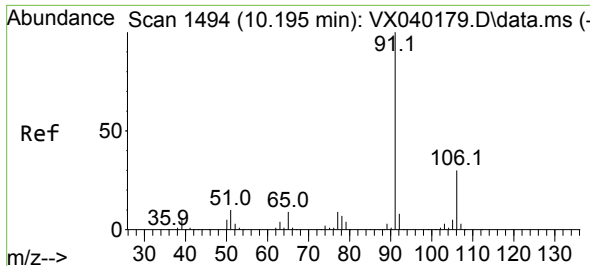
Tgt Ion: 95 Resp: 93492
Ion Ratio Lower Upper
95 100
174 70.7 0.0 135.6
176 69.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 117 Resp: 143260
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.3 25.5 38.3

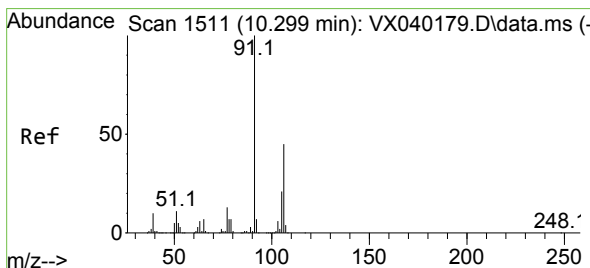
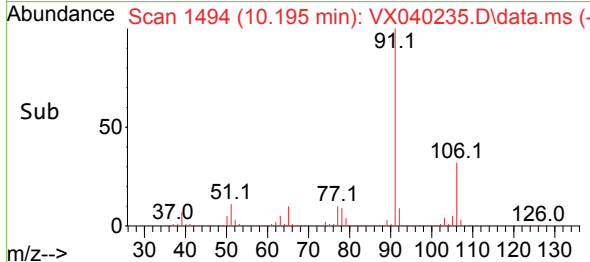
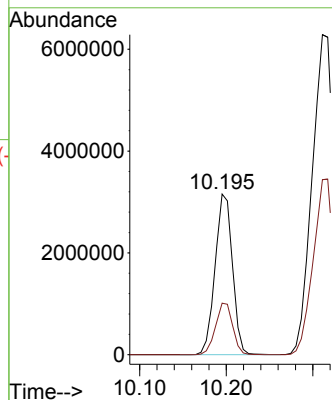
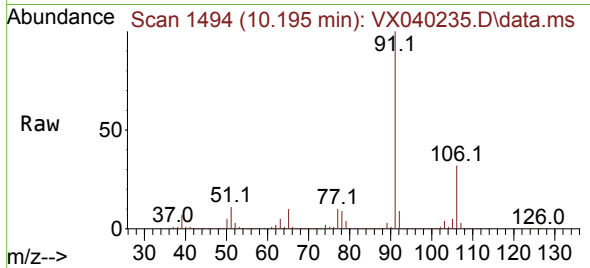




#67
Ethyl Benzene
Concen: 824.809 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

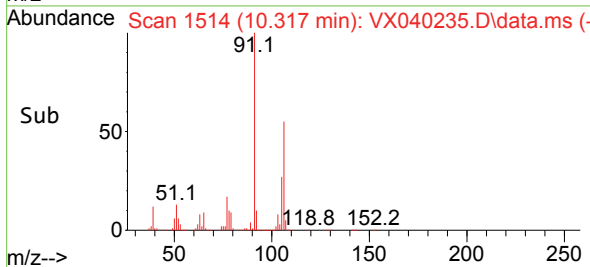
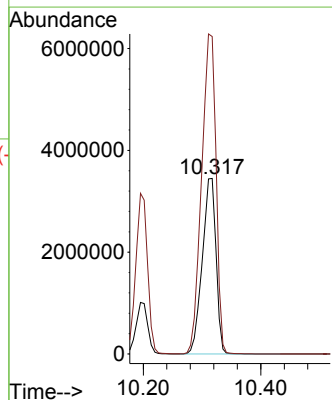
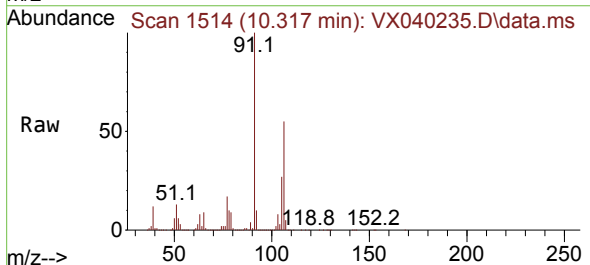
Instrument :
MSVOA_X
ClientSampleId :
50240

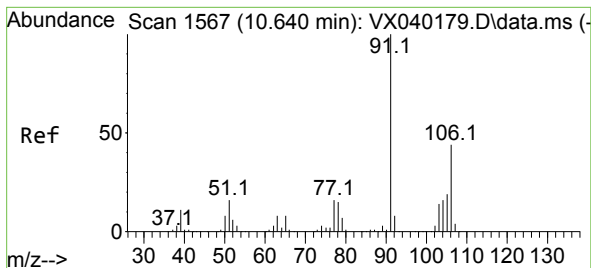
Tgt Ion: 91 Resp: 4392096
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3



#68
m/p-Xylenes
Concen: 2789.410 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.018 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 106 Resp: 5609820
Ion Ratio Lower Upper
106 100
91 192.0 165.5 248.3





#69

o-Xylene

Concen: 1382.631 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

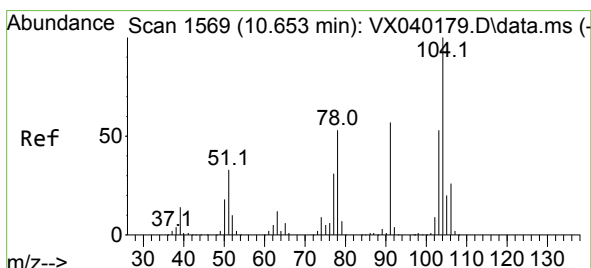
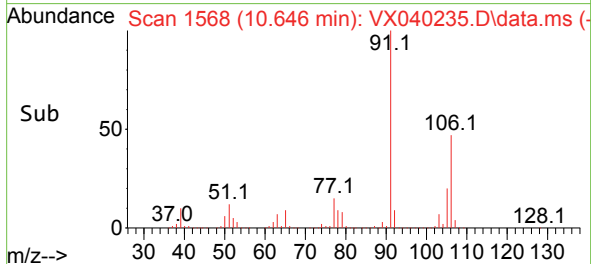
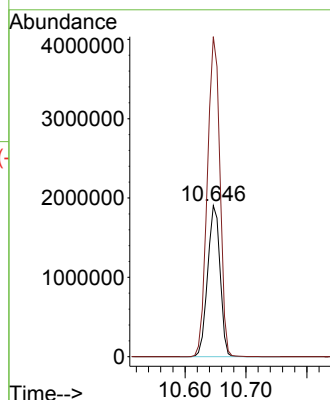
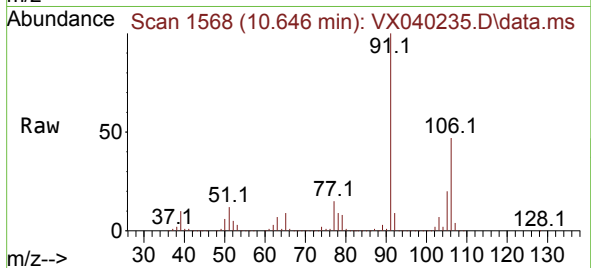
50240

Tgt Ion:106 Resp: 2702124

Ion Ratio Lower Upper

106 100

91 214.7 108.9 326.8



#70

Styrene

Concen: 43.673 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.006 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

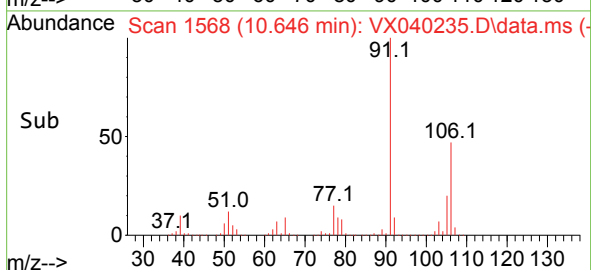
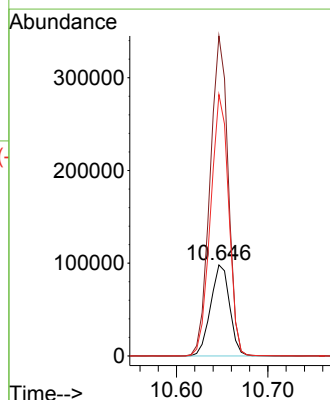
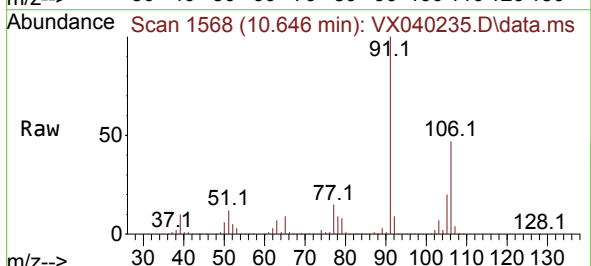
Tgt Ion:104 Resp: 141903

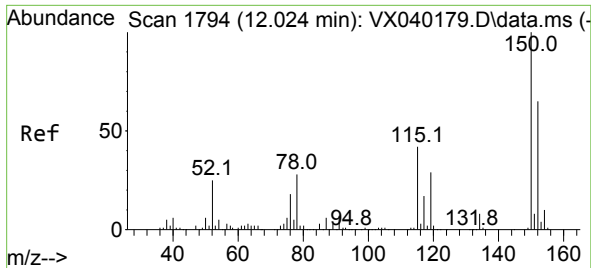
Ion Ratio Lower Upper

104 100

78 334.2 43.6 65.4#

103 274.3 43.6 65.4#

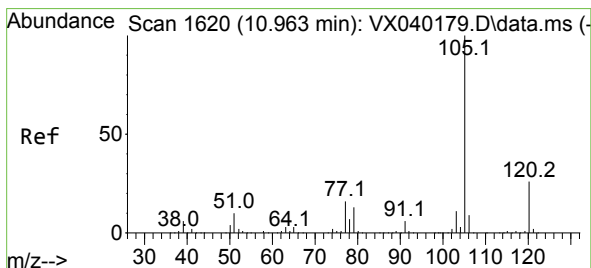
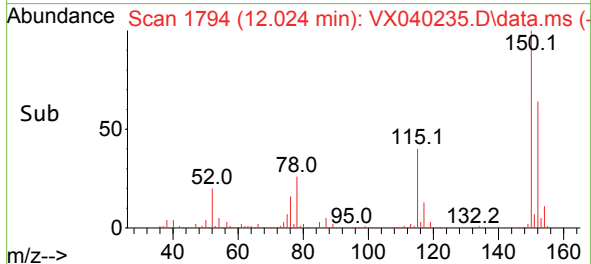
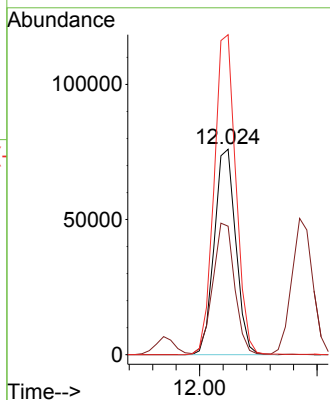
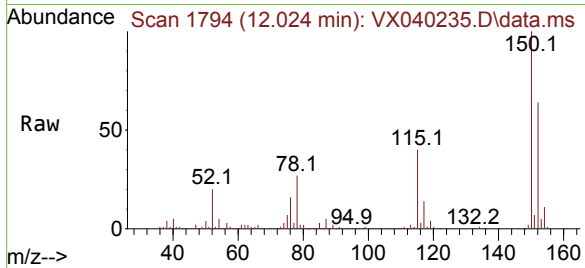




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040235.D
 Acq: 14 Feb 2024 20:54

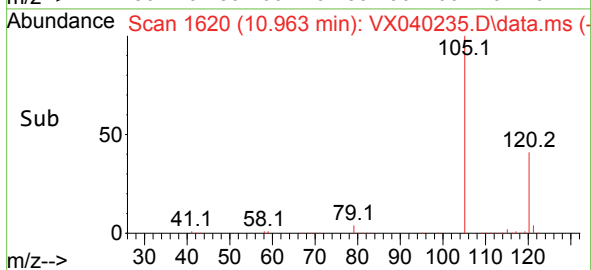
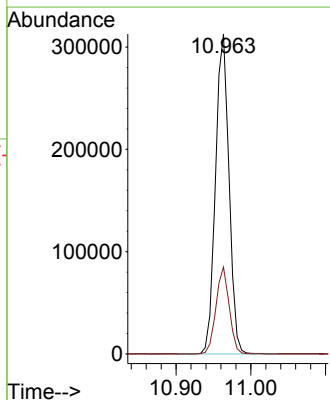
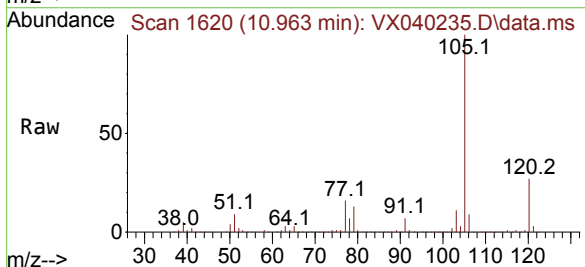
Instrument :
 MSVOA_X
 ClientSampleId :
 50240

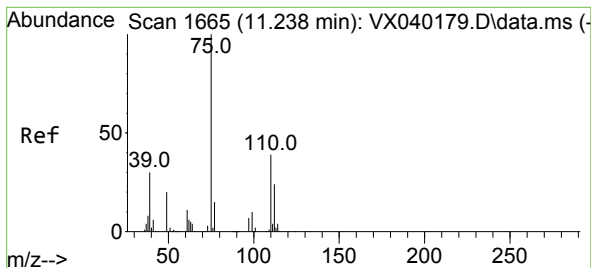
Tgt Ion:152 Resp: 96898
 Ion Ratio Lower Upper
 152 100
 115 64.2 43.3 129.9
 150 157.4 0.0 345.0



#73
 Isopropylbenzene
 Concen: 57.748 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX040235.D
 Acq: 14 Feb 2024 20:54

Tgt Ion:105 Resp: 394121
 Ion Ratio Lower Upper
 105 100
 120 26.5 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 3.677 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

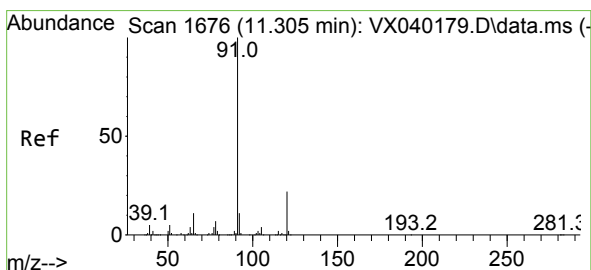
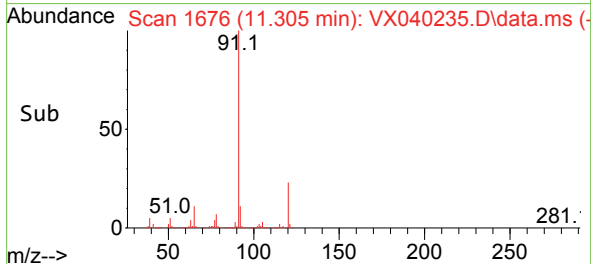
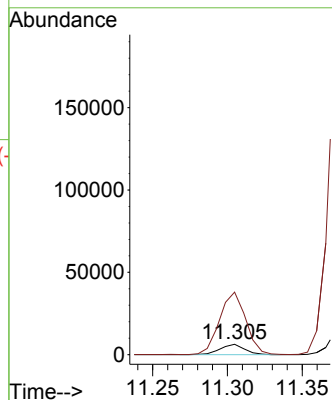
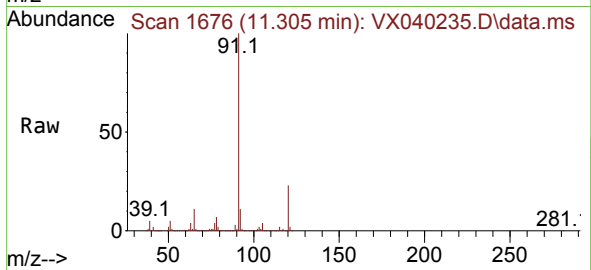
50240

Tgt Ion: 75 Resp: 7215

Ion Ratio Lower Upper

75 100

77 638.9 19.1 57.5#



#78

n-propylbenzene

Concen: 133.220 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040235.D

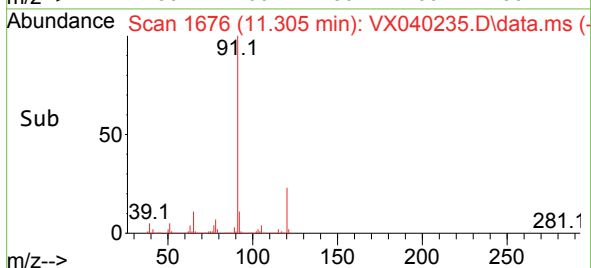
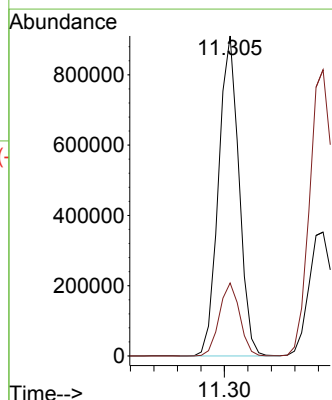
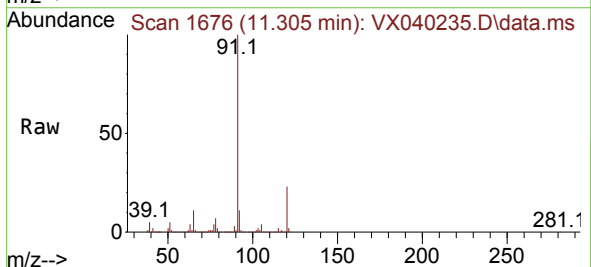
Acq: 14 Feb 2024 20:54

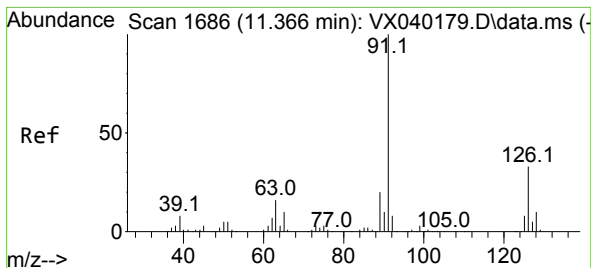
Tgt Ion: 91 Resp: 1100757

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 125.840 ug/l

RT: 11.384 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

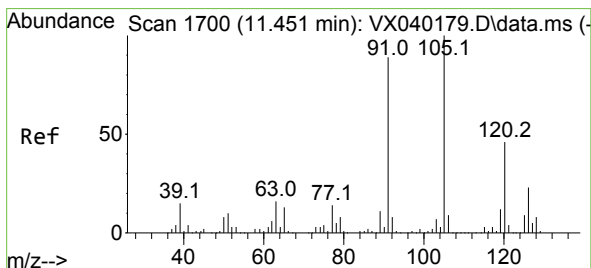
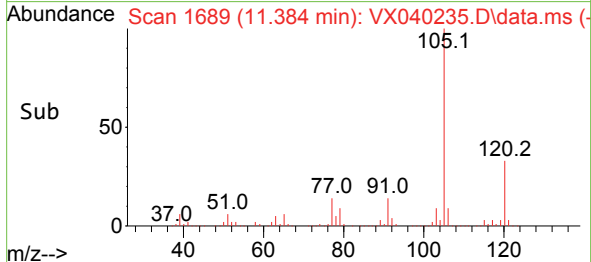
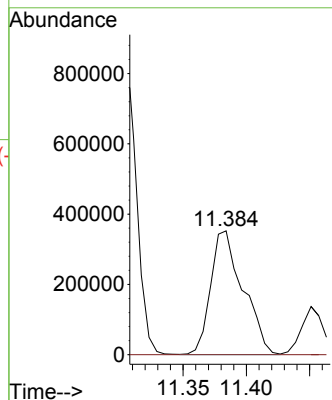
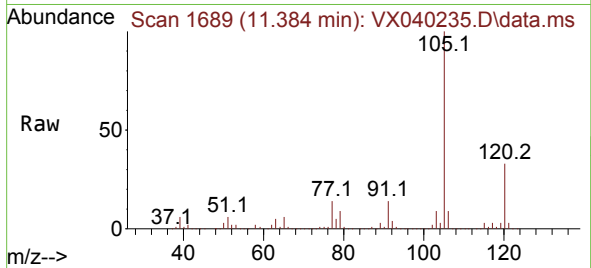
50240

Tgt Ion: 91 Resp: 627871

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 246.894 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040235.D

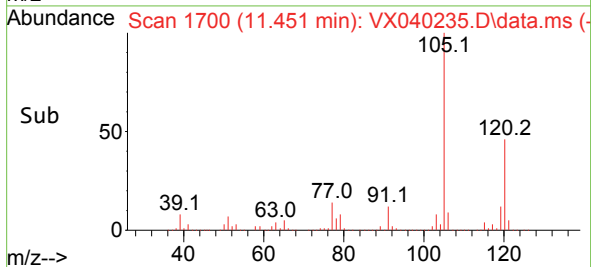
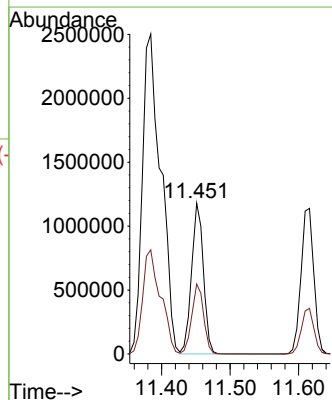
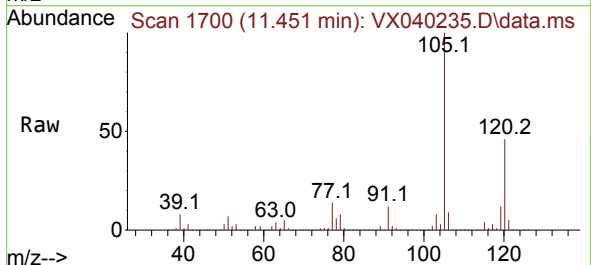
Acq: 14 Feb 2024 20:54

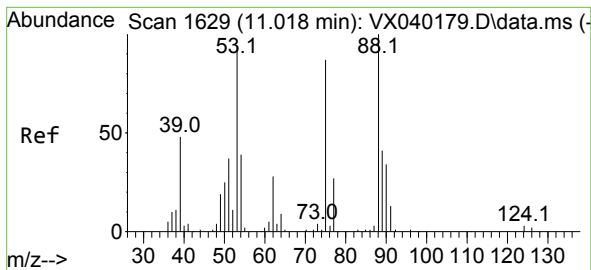
Tgt Ion:105 Resp: 1418576

Ion Ratio Lower Upper

105 100

120 46.5 24.1 72.3

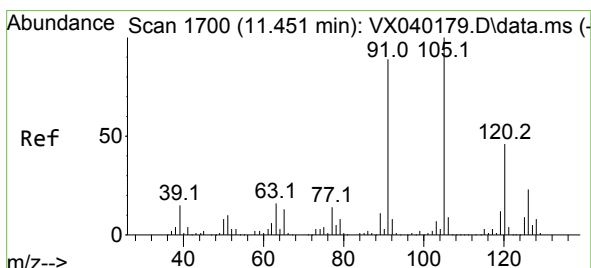
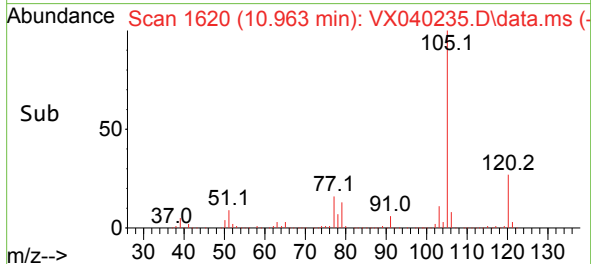
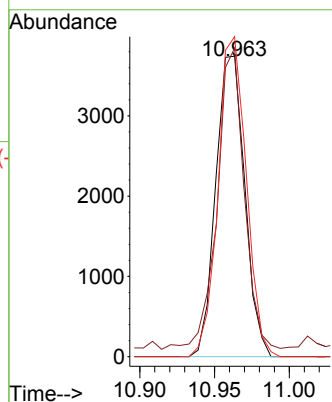
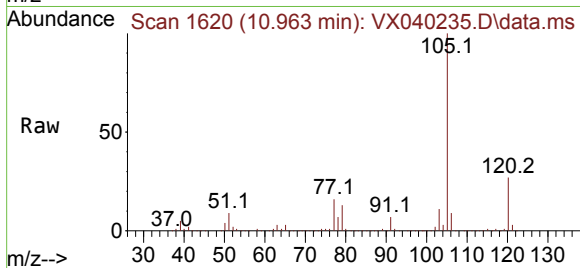




#81
trans-1,4-Dichloro-2-butene
Concen: 10.274 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

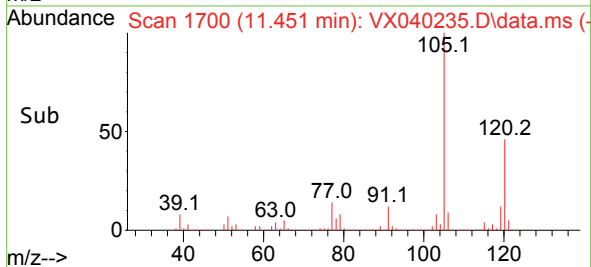
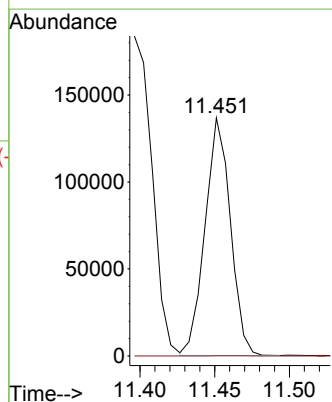
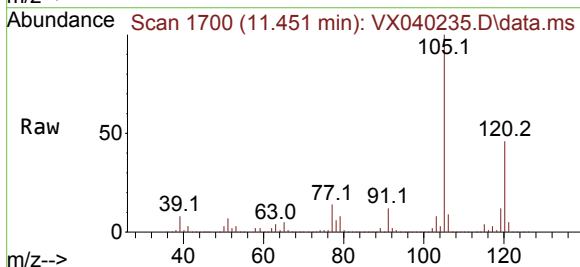
Instrument :
MSVOA_X
ClientSampleId :
50240

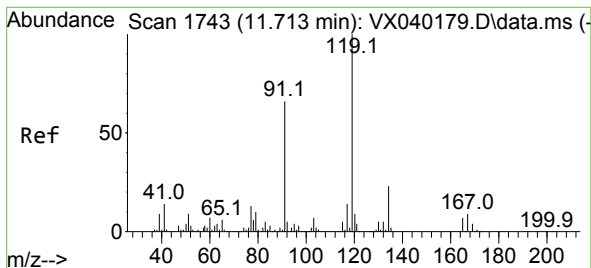
Tgt Ion: 75 Resp: 5058
Ion Ratio Lower Upper
75 100
53 91.5 90.5 135.7
89 103.4 36.9 55.3#



#82
4-Chlorotoluene
Concen: 27.265 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 91 Resp: 161180
Ion Ratio Lower Upper
91 100
126 0.1 14.2 42.6#





#83

tert-Butylbenzene

Concen: 104.675 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.043 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

50240

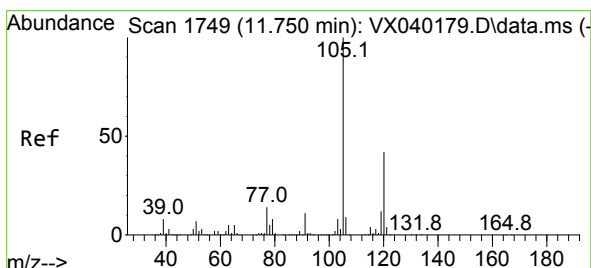
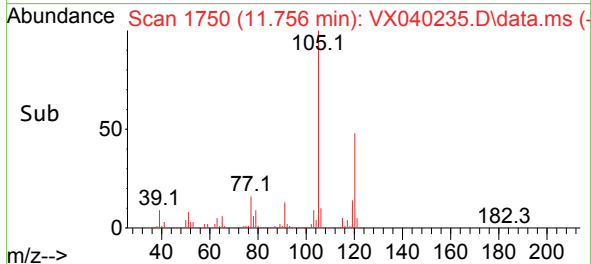
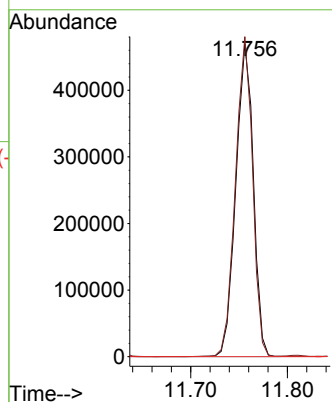
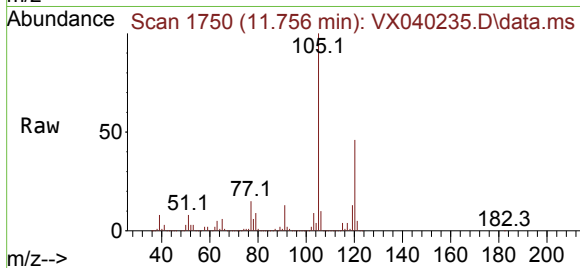
Tgt Ion:119 Resp: 589647

Ion Ratio Lower Upper

119 100

91 100.3 31.2 93.6#

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 830.500 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX040235.D

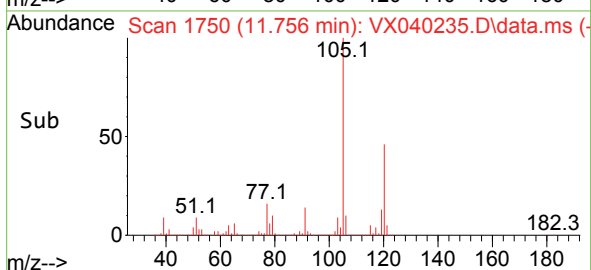
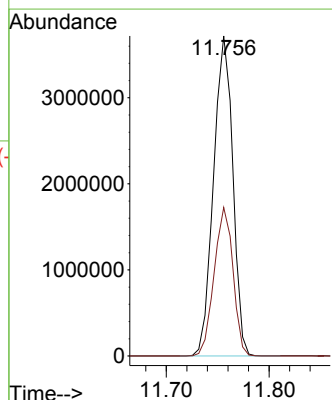
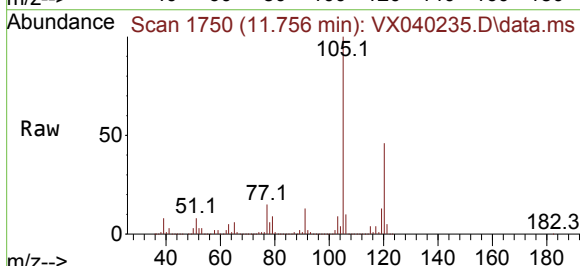
Acq: 14 Feb 2024 20:54

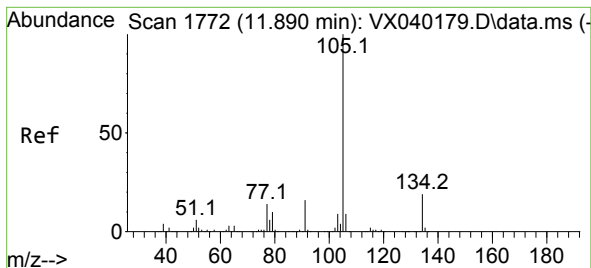
Tgt Ion:105 Resp: 4827654

Ion Ratio Lower Upper

105 100

120 45.5 21.2 63.6





#85

sec-Butylbenzene

Concen: 666.858 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

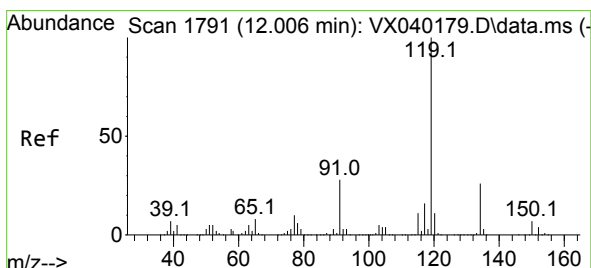
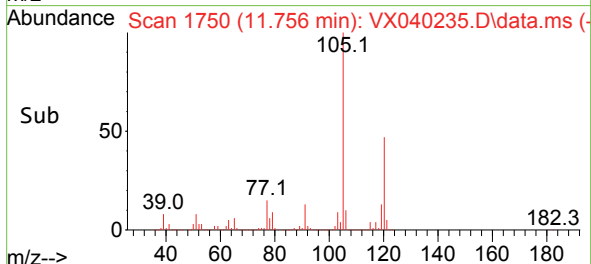
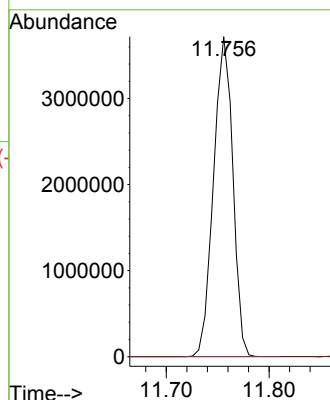
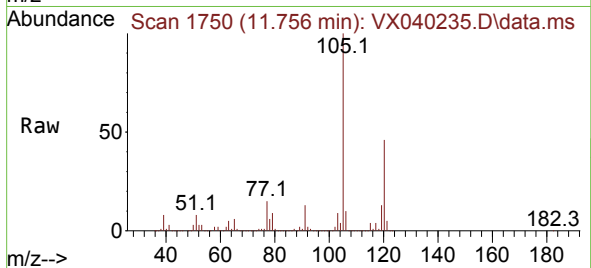
50240

Tgt Ion:105 Resp: 4827654

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 16.625 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.037 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

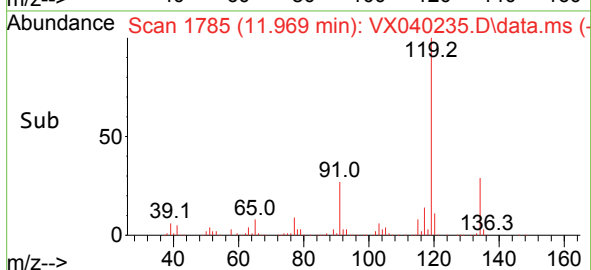
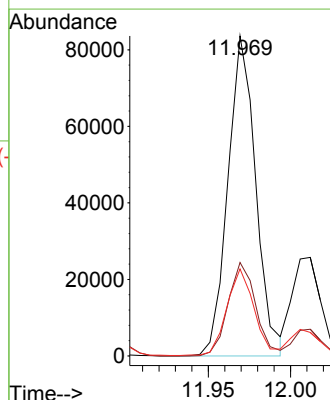
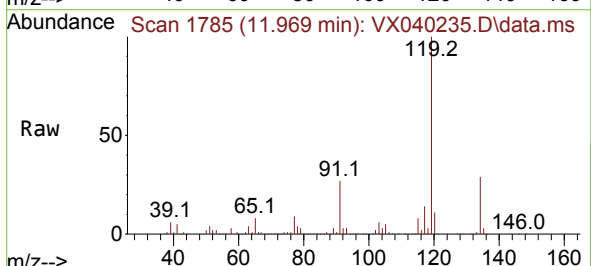
Tgt Ion:119 Resp: 98660

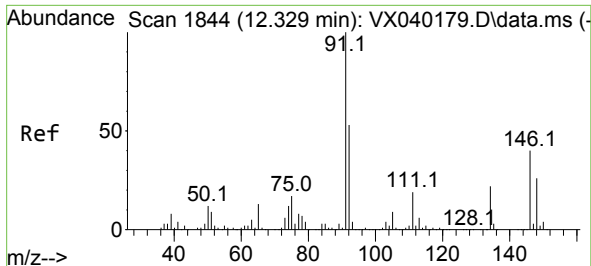
Ion Ratio Lower Upper

119 100

134 29.1 12.8 38.3

91 26.6 13.1 39.3

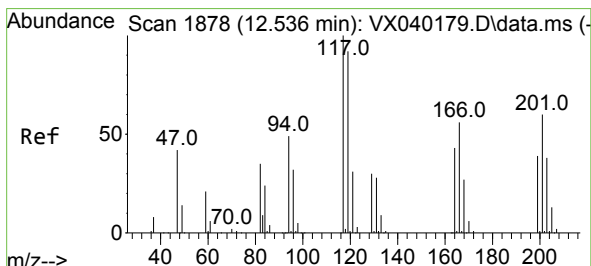
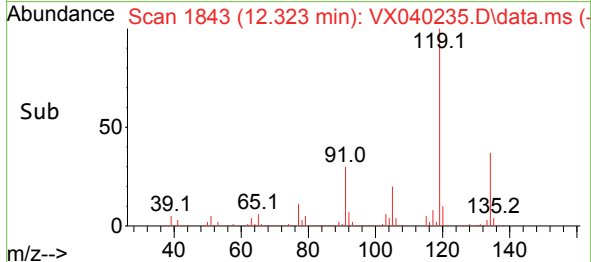
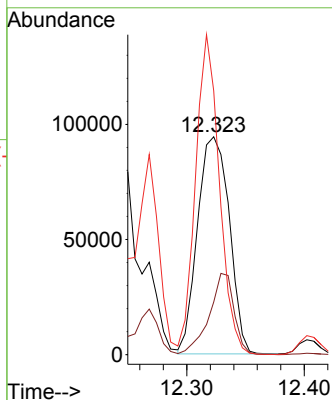
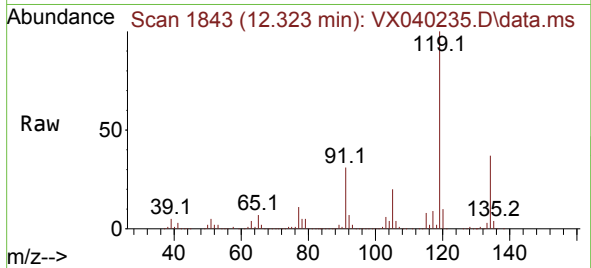




#89
n-Butylbenzene
Concen: 30.943 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

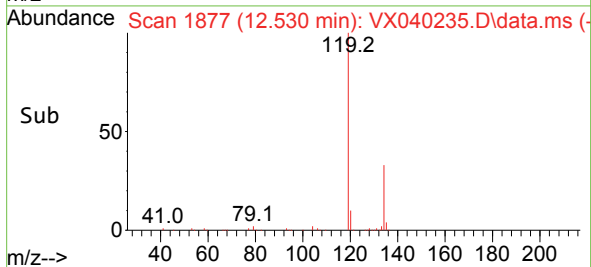
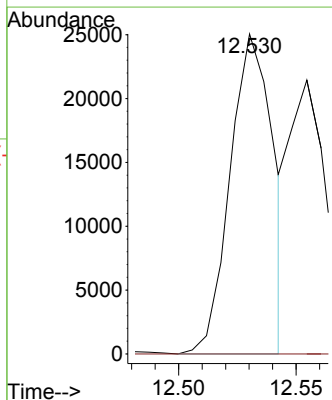
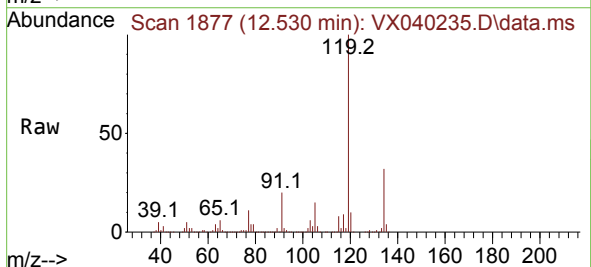
Instrument :
MSVOA_X
ClientSampleId :
50240

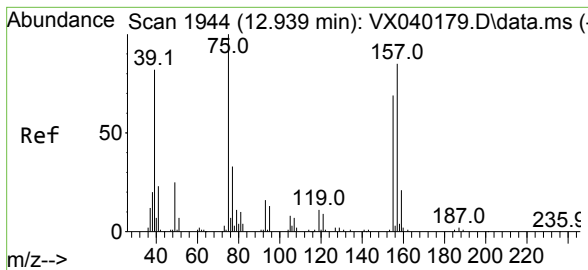
Tgt Ion: 91 Resp: 177252
Ion Ratio Lower Upper
91 100
92 29.4 27.4 82.0
134 110.3 12.6 37.8#



#90
Hexachloroethane
Concen: 34.220 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 117 Resp: 32031
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#

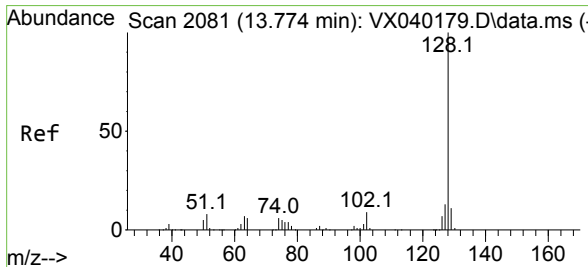
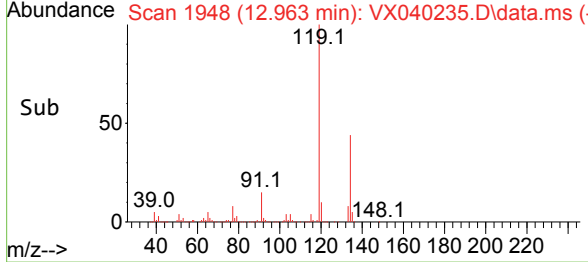
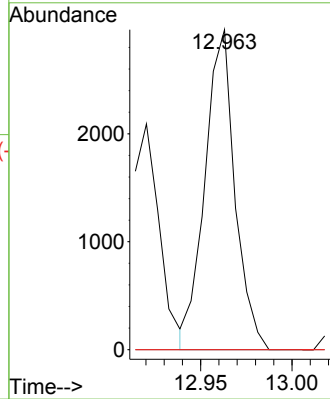
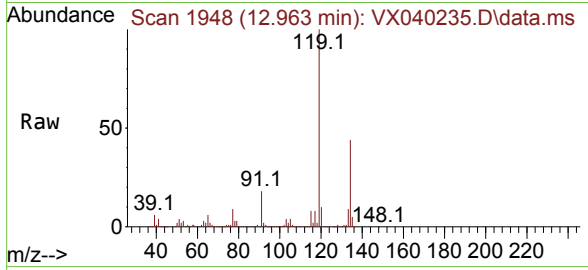




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.971 ug/l
RT: 12.963 min Scan# 1944
Delta R.T. 0.018 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Instrument : MSVOA_X
ClientSampleId : 50240

Tgt Ion: 75 Resp: 3379
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 106.404 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion:128 Resp: 711361
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

