

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
 Data File : VX039743.D
 Acq On : 12 Jan 2024 17:31
 Operator : JC/MD
 Sample : P1118-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 22:42:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

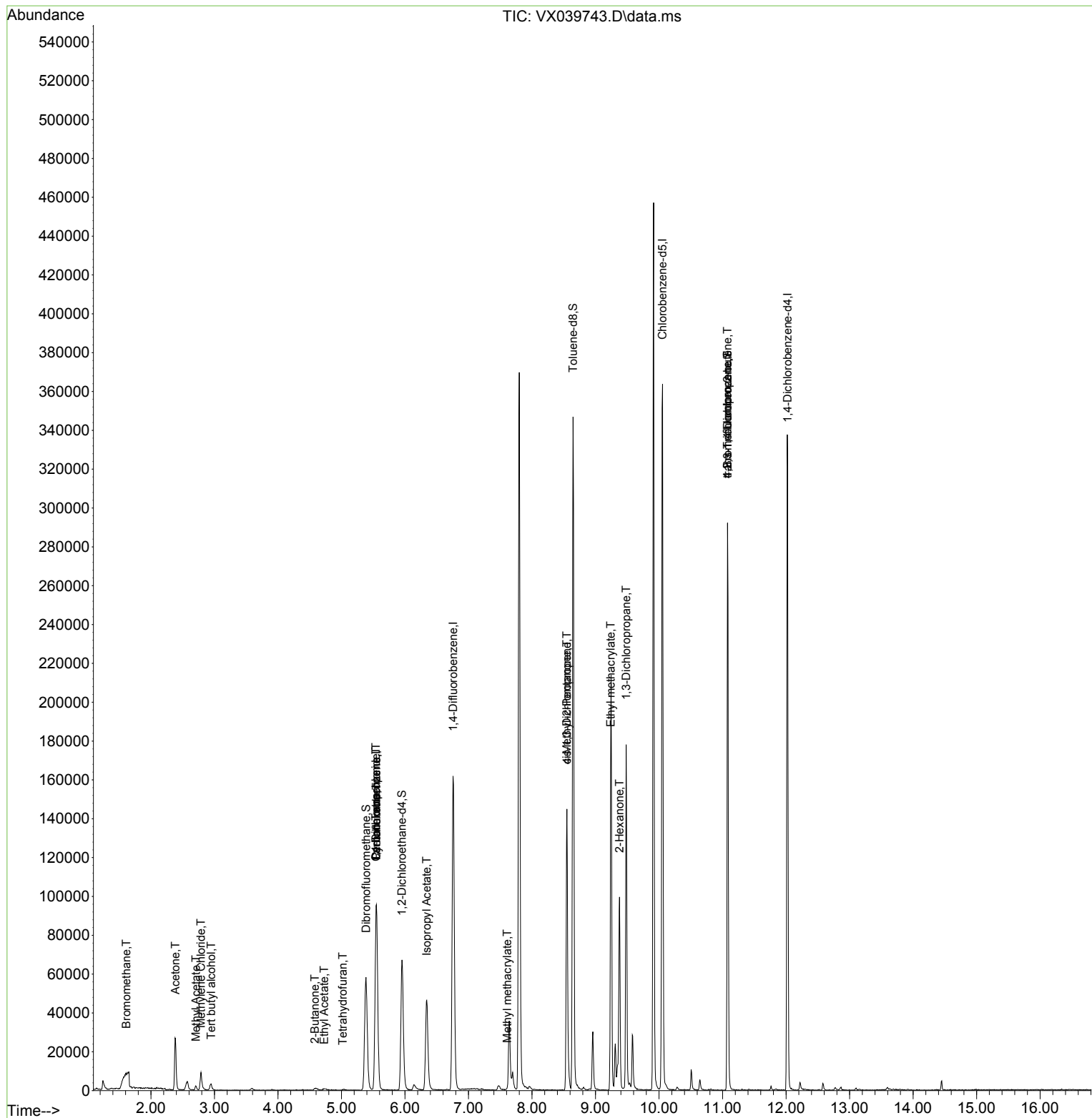
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

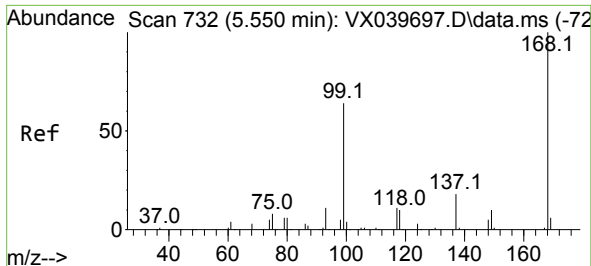
Internal Standards						
1) Pentafluorobenzene	5.550	168	87140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65700	45.009	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.020%		
35) Dibromofluoromethane	5.385	113	51212	46.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	8.647	98	204109	49.455	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.079	95	77231	47.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.700%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	159	0.229	ug/l #	3
11) Tert butyl alcohol	2.946	59	2235	5.882	ug/l #	78
16) Acetone	2.386	43	29333	35.731	ug/l	93
18) Methyl Acetate	2.709	43	2623	1.527	ug/l	99
20) Methylene Chloride	2.788	84	4672	3.762	ug/l	96
25) 2-Butanone	4.580	43	795	0.674	ug/l	96
29) Tetrahydrofuran	5.019	42	208	0.274	ug/l #	50
31) Cyclohexane	5.550	56	2193	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	7808	4.584	ug/l #	50
37) Ethyl Acetate	4.727	43	2133	0.939	ug/l #	71
38) Carbon Tetrachloride	5.543	117	9971	6.392	ug/l #	16
43) Isopropyl Acetate	6.342	43	68114	20.434	ug/l	99
48) Methyl methacrylate	7.610	41	1327	0.810	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	54006	23.524	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	23198	12.013	ug/l #	56
56) Ethyl methacrylate	9.238	69	541	0.273	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1374	0.661	ug/l #	42
59) 2-Hexanone	9.378	43	70345	38.716	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	41616	23.469	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41616	67.616	ug/l #	5

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

Instrument :
MSVOA_X
ClientSampleId :

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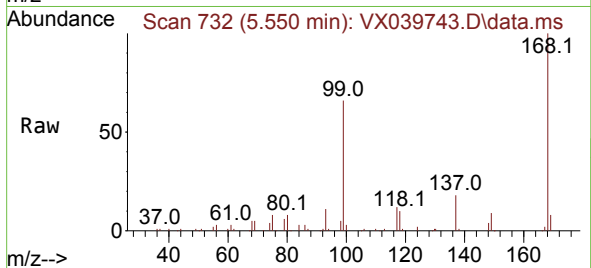


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

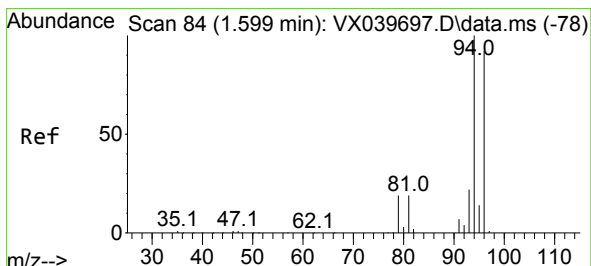
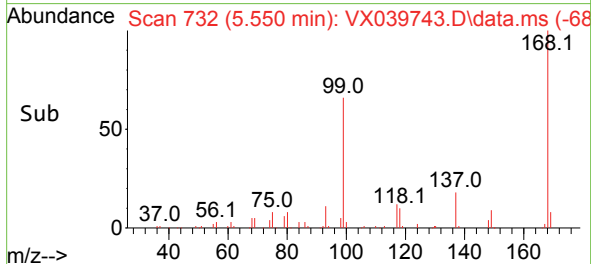
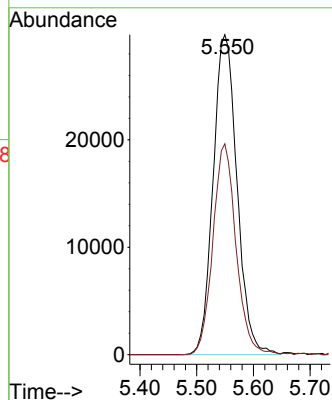
Instrument :

MSVOA_X

ClientSampleId :

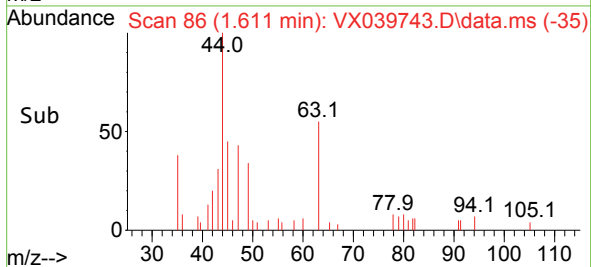
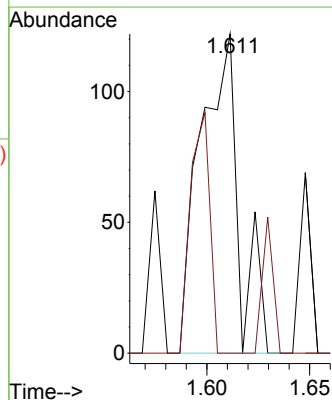
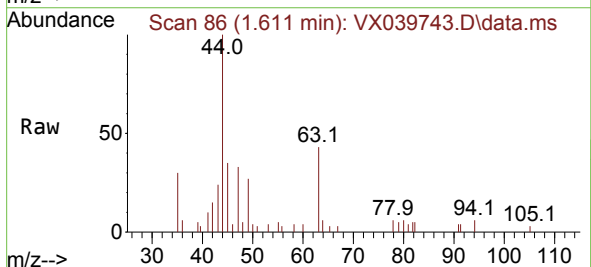


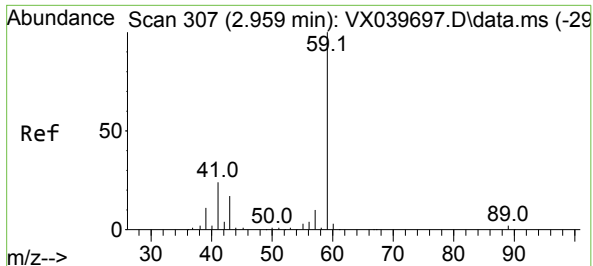
Tgt Ion:168 Resp: 87140
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#5
Bromomethane
Concen: 0.229 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Tgt Ion: 94 Resp: 159
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 5.882 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX039743.D

Acq: 12 Jan 2024 17:31

Instrument :

MSVOA_X

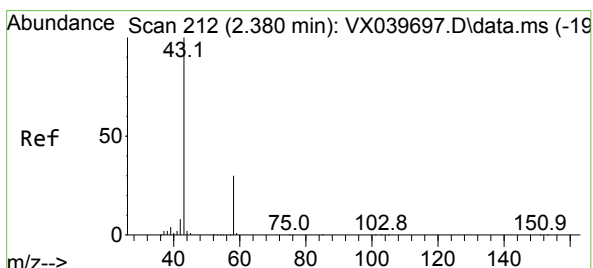
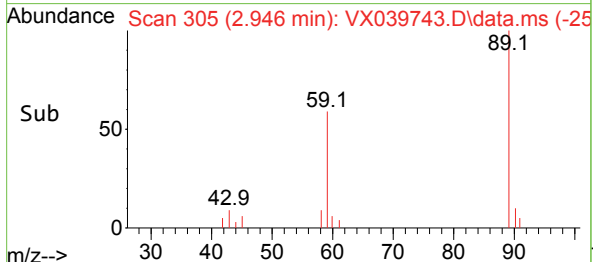
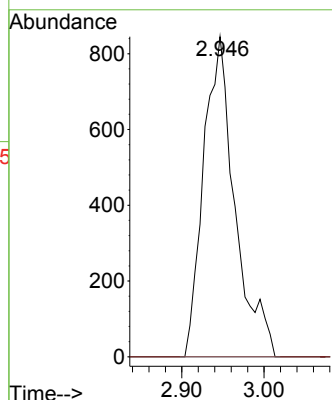
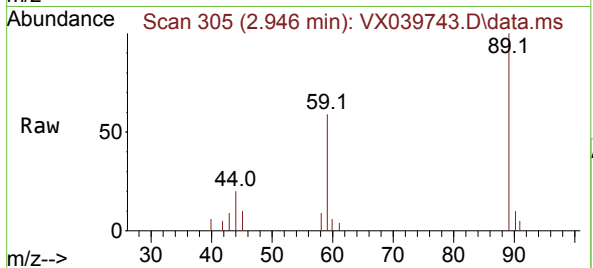
ClientSampleId :

Tgt Ion: 59 Resp: 2235

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 35.731 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX039743.D

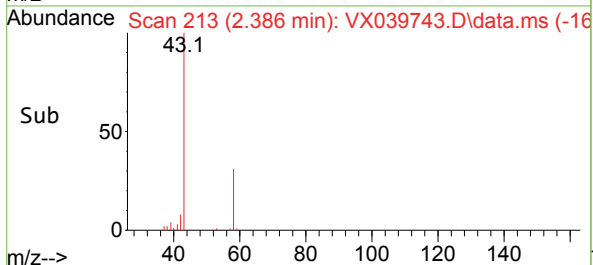
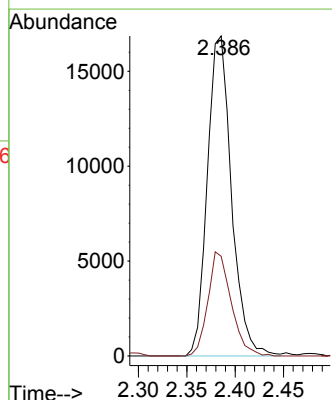
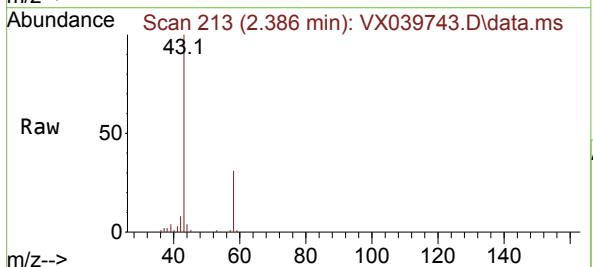
Acq: 12 Jan 2024 17:31

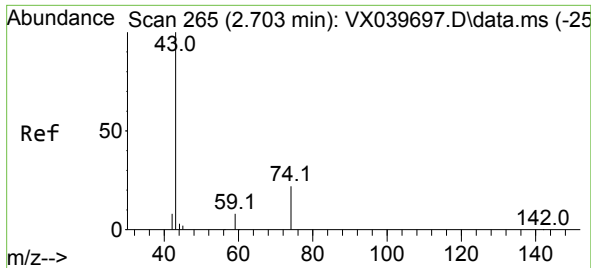
Tgt Ion: 43 Resp: 29333

Ion Ratio Lower Upper

43 100

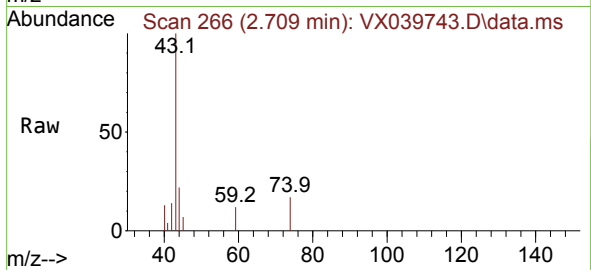
58 31.1 21.9 32.9



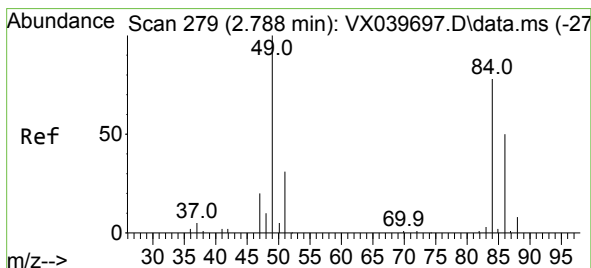
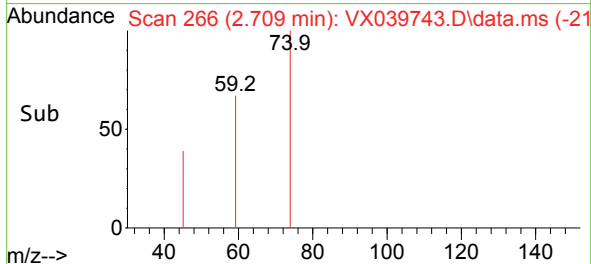
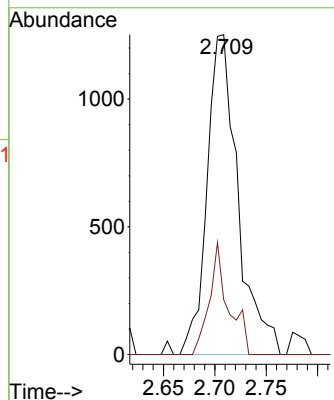


#18
Methyl Acetate
Concen: 1.527 ug/l
RT: 2.709 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :

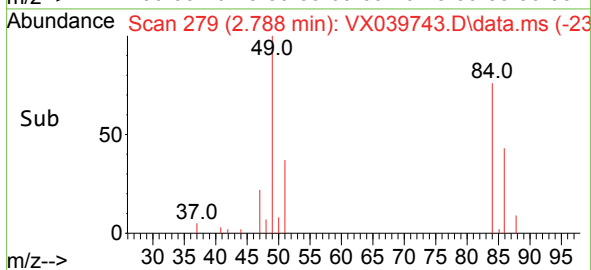
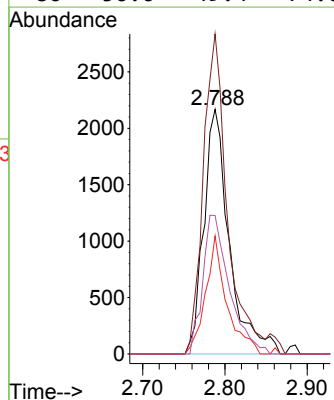
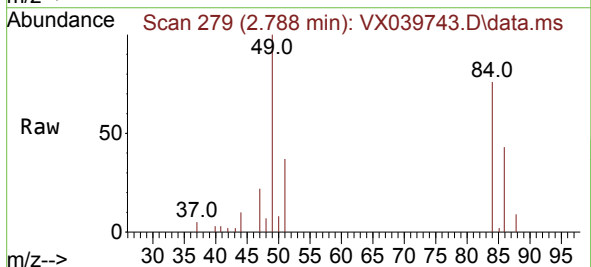


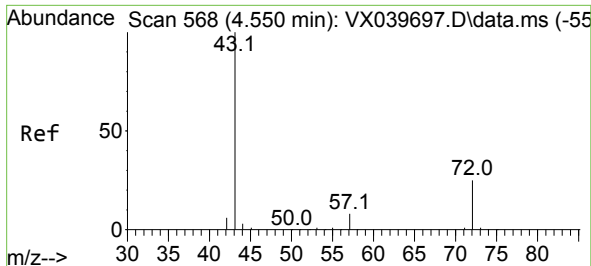
Tgt Ion: 43 Resp: 2623
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 3.762 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Tgt Ion: 84 Resp: 4672
Ion Ratio Lower Upper
84 100
49 130.8 103.6 155.4
51 48.3 33.8 50.6
86 56.6 49.4 74.0

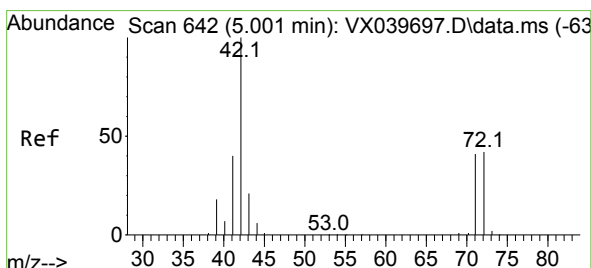
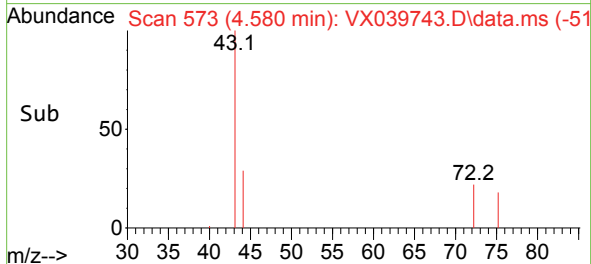
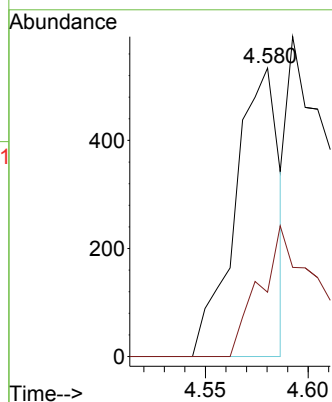
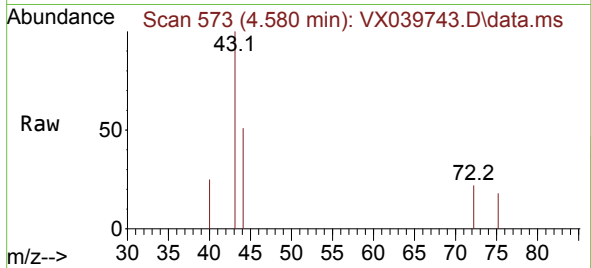




#25
2-Butanone
Concen: 0.674 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

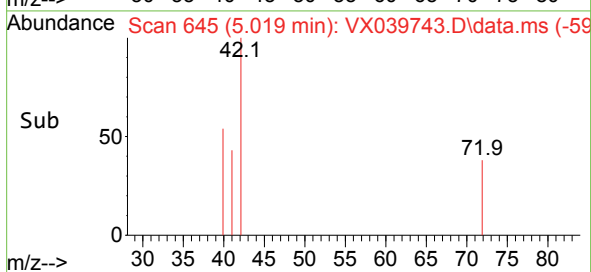
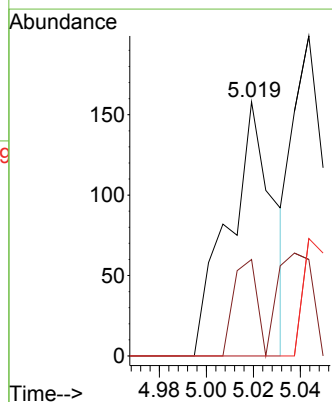
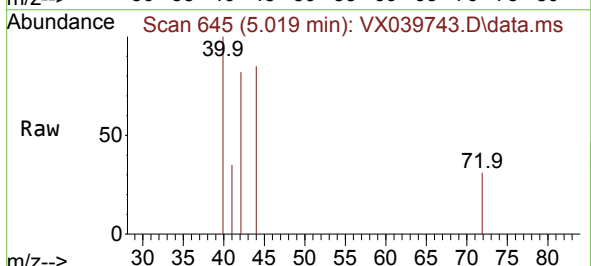
Instrument :
MSVOA_X
ClientSampleId :

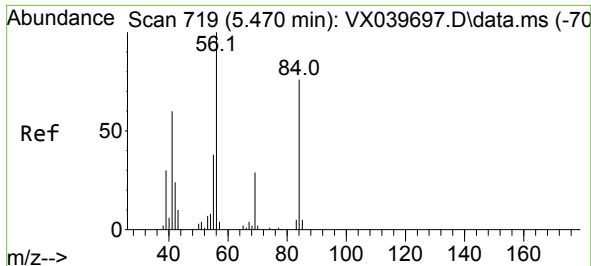
Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
72 22.3 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.274 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.018 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

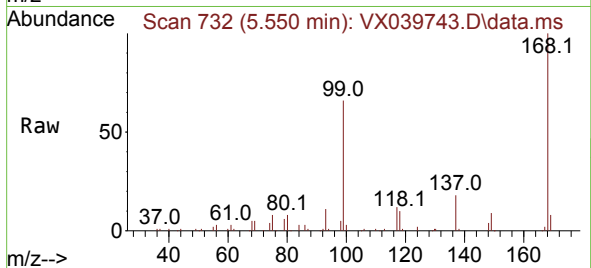
Tgt Ion: 42 Resp: 208
Ion Ratio Lower Upper
42 100
72 19.7 34.2 51.4#
71 0.0 32.2 48.2#



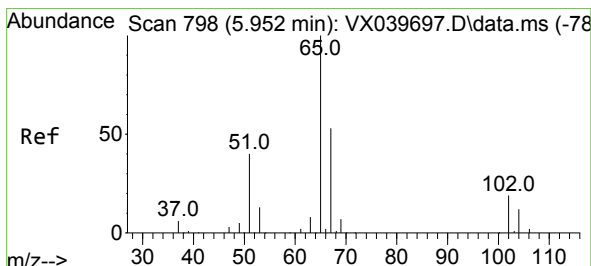
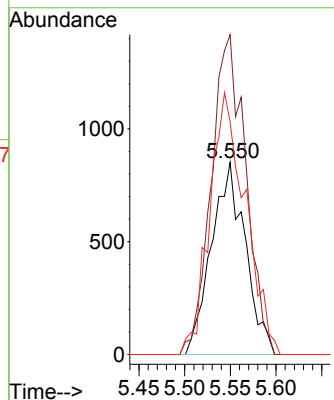
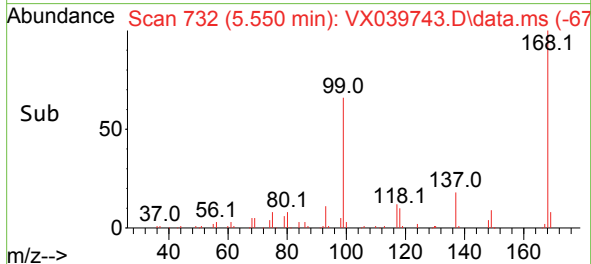


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :

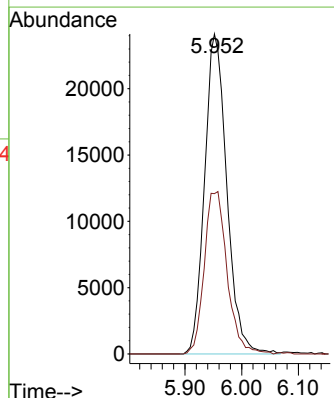
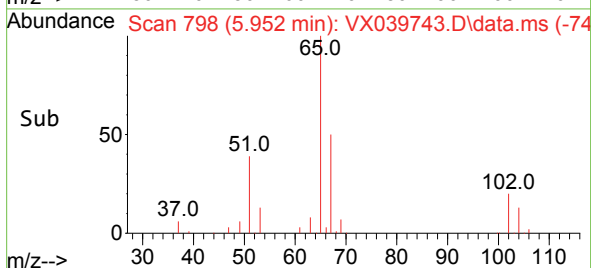
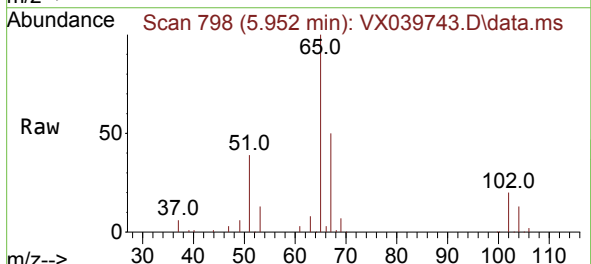


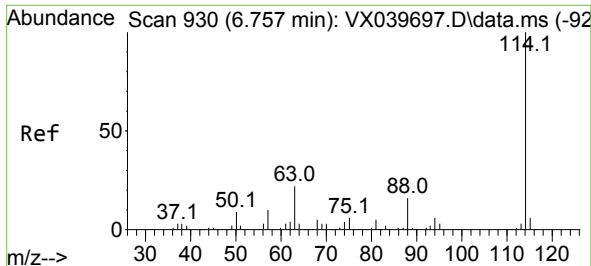
Tgt Ion: 56 Resp: 2193
Ion Ratio Lower Upper
56 100
69 166.4 23.4 35.2#
84 121.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.009 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Tgt Ion: 65 Resp: 65700
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

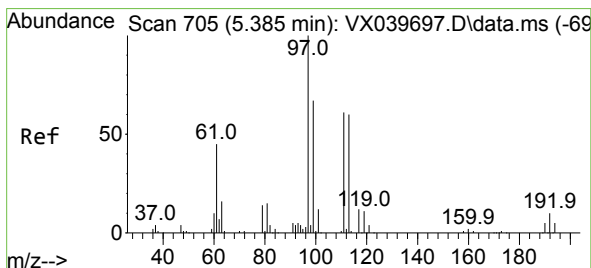
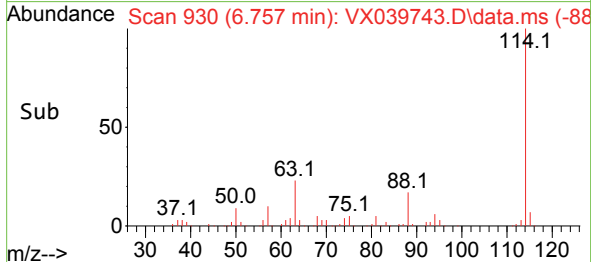
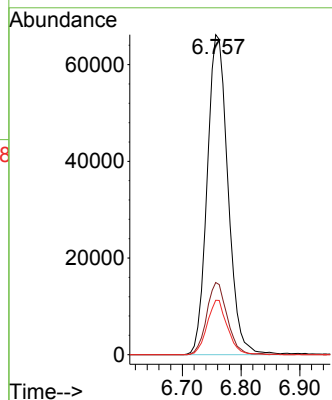
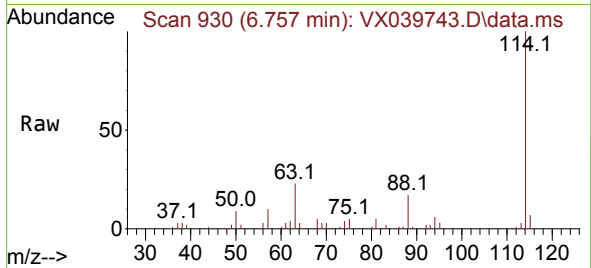




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

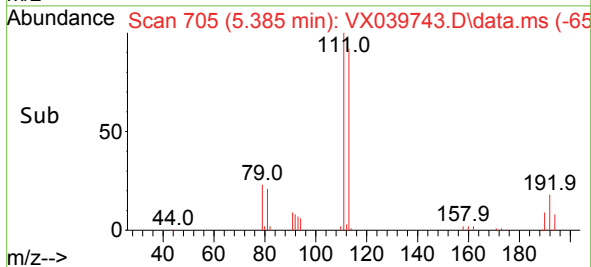
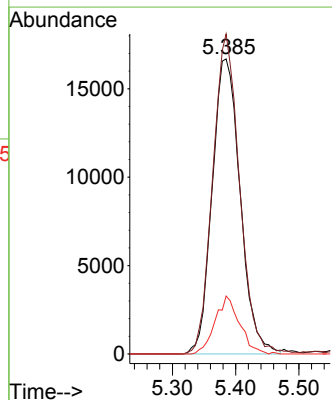
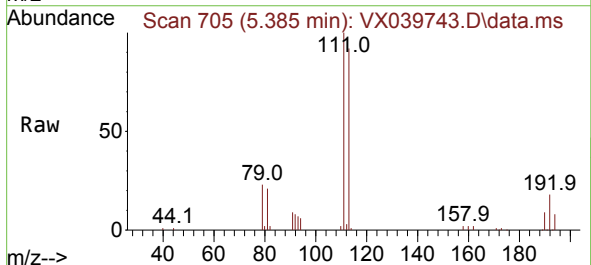
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MSVOA_X
ClientSampleId :

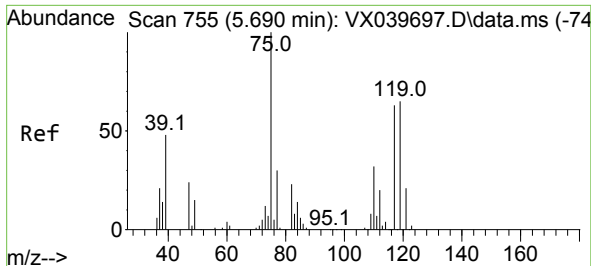
Tgt Ion:114 Resp: 162466
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.800 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

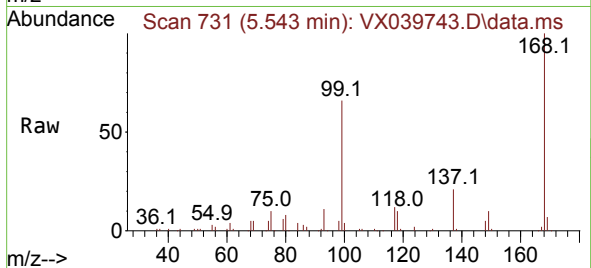
Tgt Ion:113 Resp: 51212
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 17.2 13.3 19.9



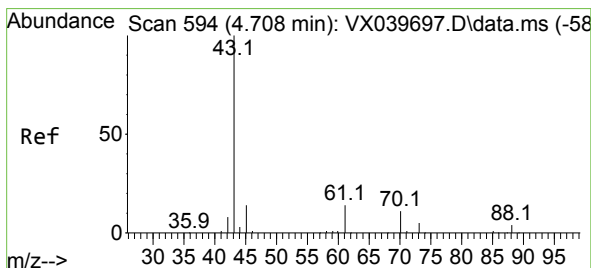
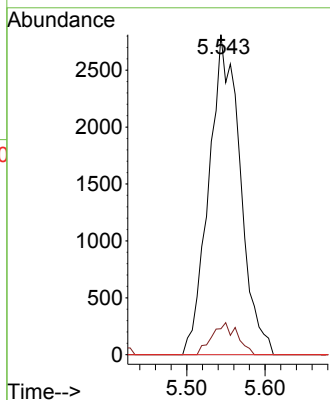
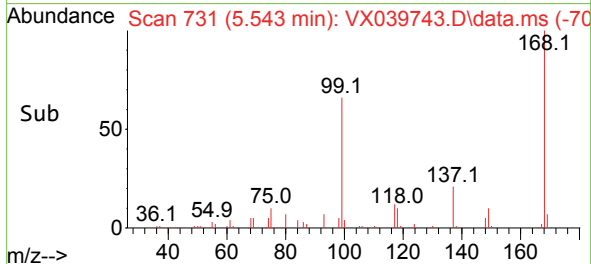


#36
1,1-Dichloropropene
Concen: 4.584 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

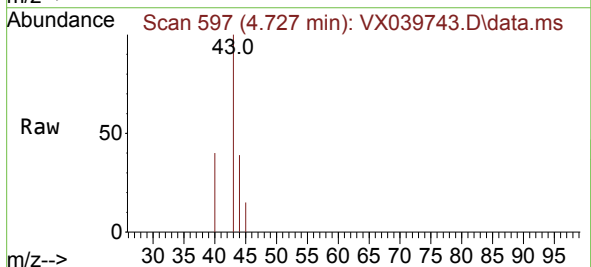
Instrument :
MSVOA_X
ClientSampleId :



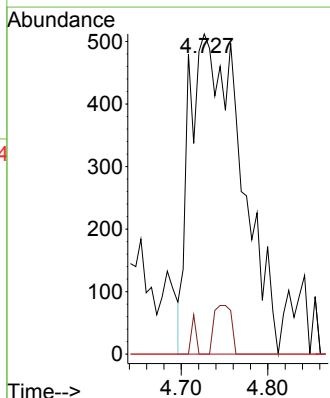
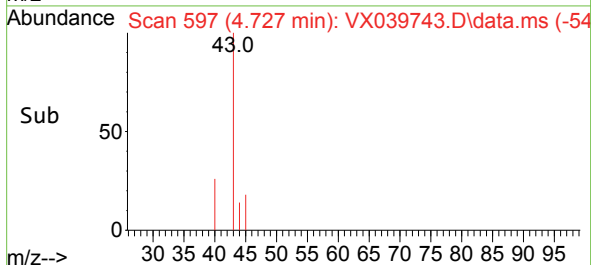
Tgt Ion: 75 Resp: 7808
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#

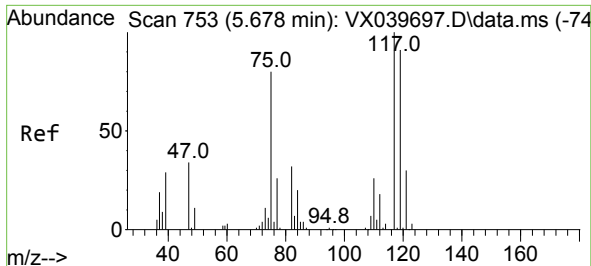


#37
Ethyl Acetate
Concen: 0.939 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.018 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31



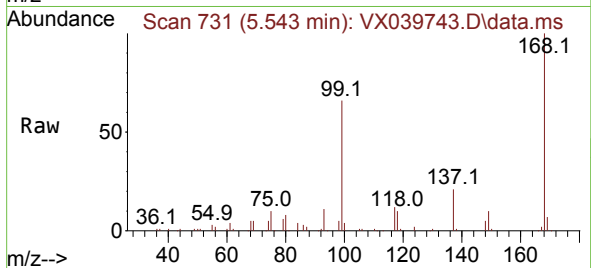
Tgt Ion: 43 Resp: 2133
Ion Ratio Lower Upper
43 100
61 1.1 10.6 16.0#
70 0.0 8.3 12.5#



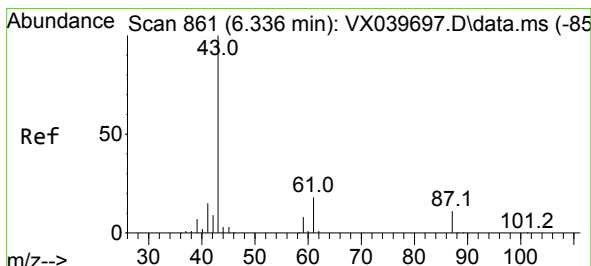
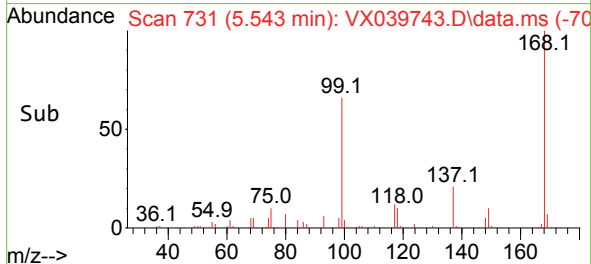
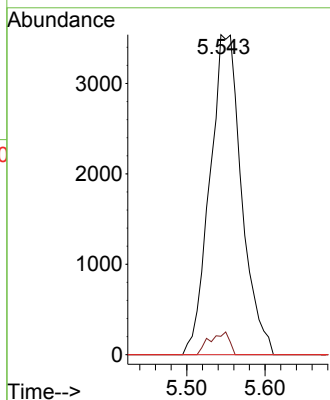


#38
Carbon Tetrachloride
Concen: 6.392 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :

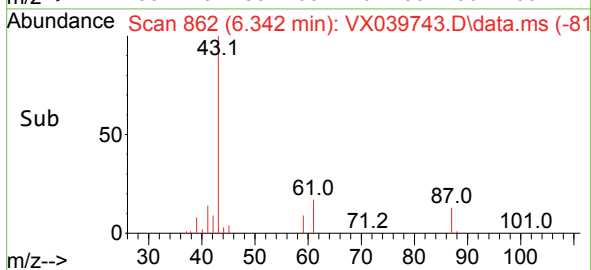
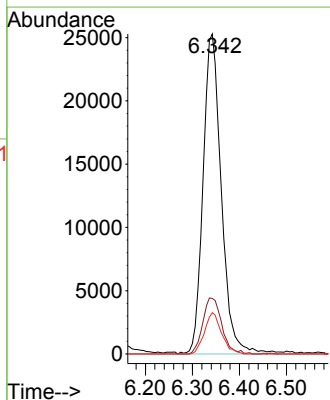
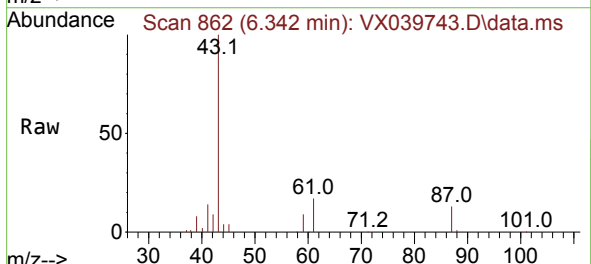


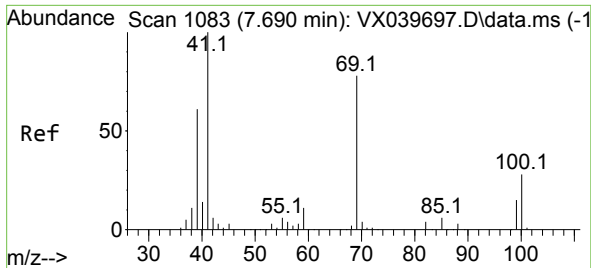
Tgt Ion:117 Resp: 9971
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 20.434 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Tgt Ion: 43 Resp: 68114
Ion Ratio Lower Upper
43 100
61 18.2 15.2 22.8
87 12.0 9.8 14.6





#48

Methyl methacrylate

Concen: 0.810 ug/l

RT: 7.610 min Scan# 1070

Delta R.T. -0.079 min

Lab File: VX039743.D

Acq: 12 Jan 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

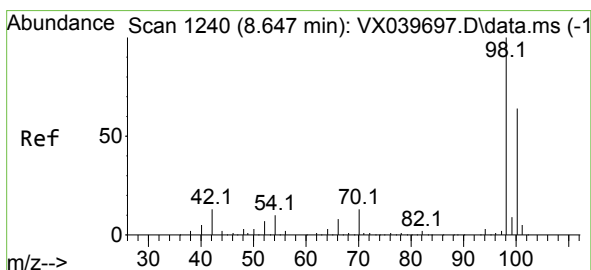
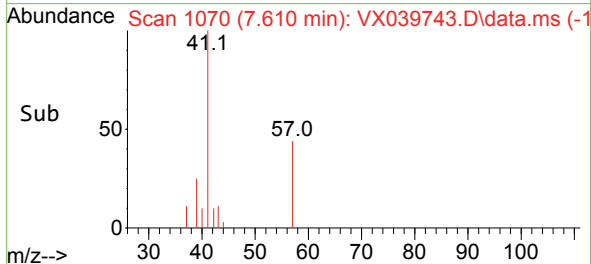
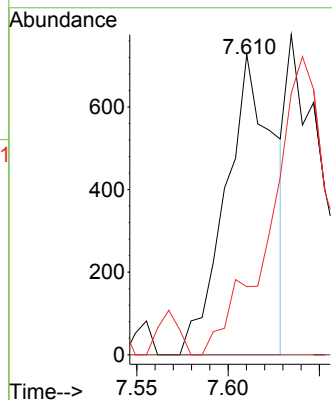
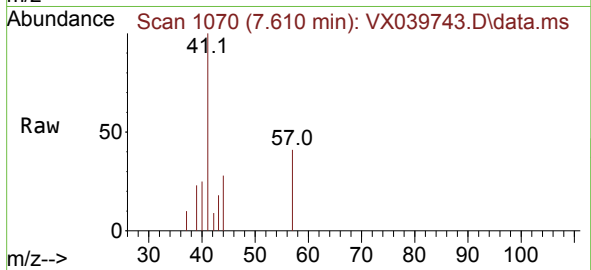
Tgt Ion: 41 Resp: 1327

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 0.0 47.7 71.5#



#50

Toluene-d8

Concen: 49.455 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039743.D

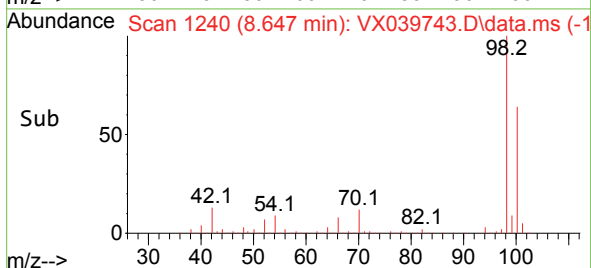
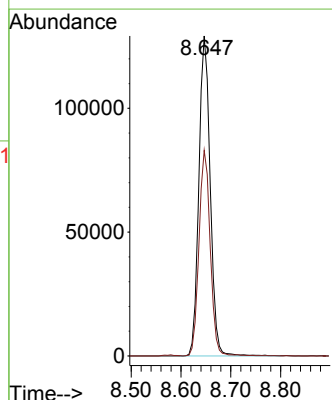
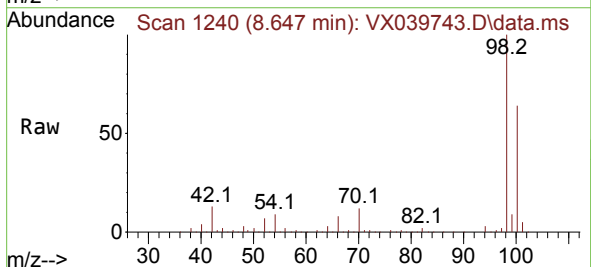
Acq: 12 Jan 2024 17:31

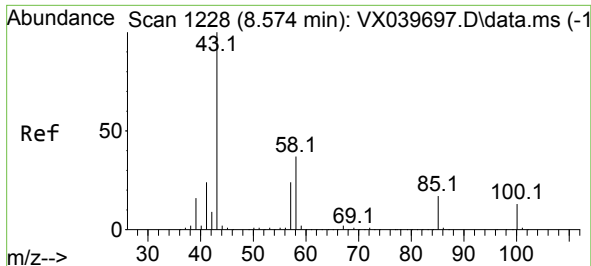
Tgt Ion: 98 Resp: 204109

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7

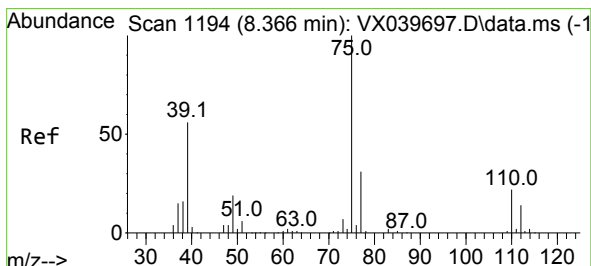
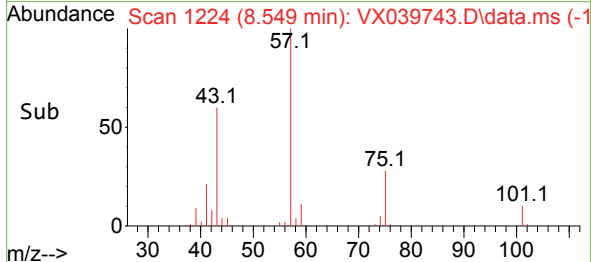
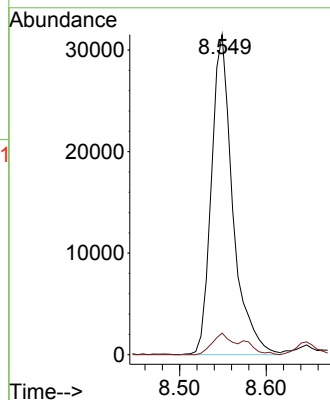
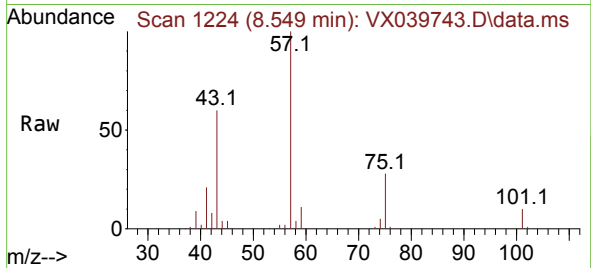




#51
4-Methyl-2-Pentanone
Concen: 23.524 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

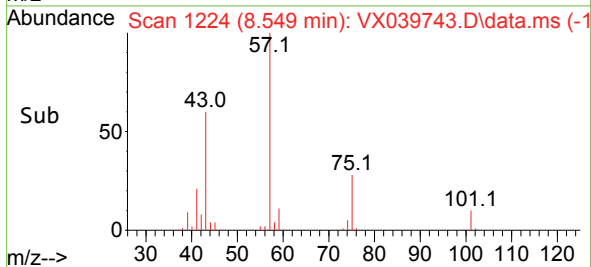
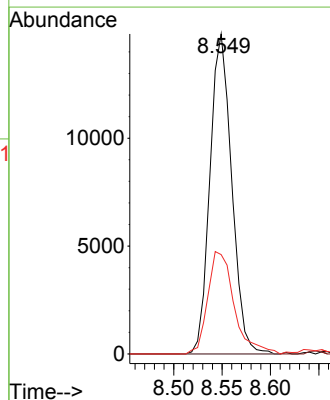
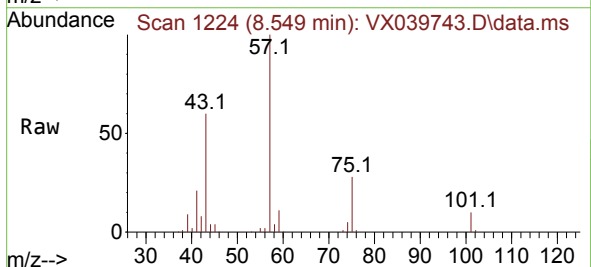
Instrument :
MSVOA_X
ClientSampleId :

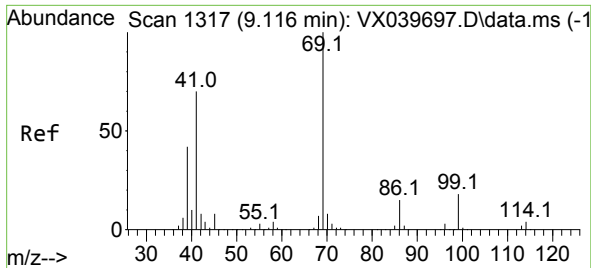
Tgt Ion: 43 Resp: 54006
Ion Ratio Lower Upper
43 100
58 6.4 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 12.013 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Tgt Ion: 75 Resp: 23198
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 31.0 46.7 70.1#

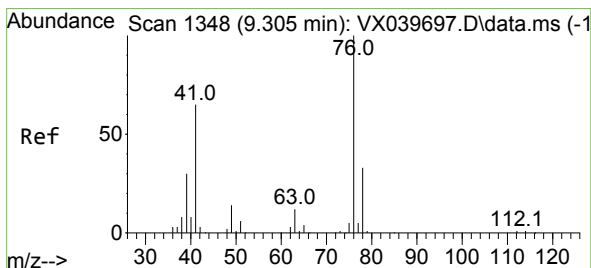
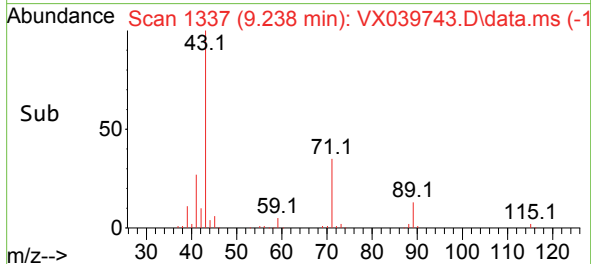
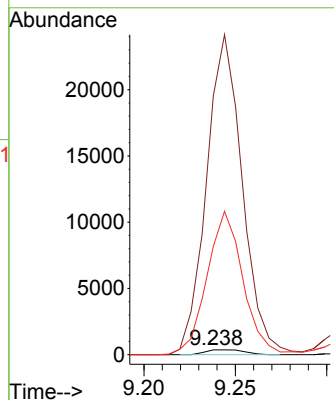
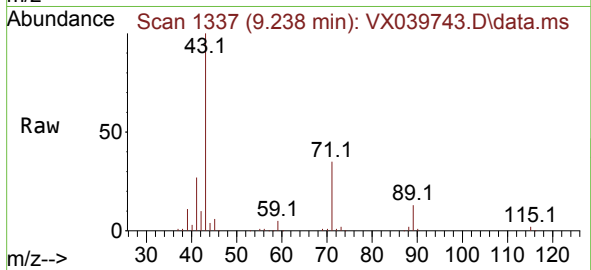




#56
Ethyl methacrylate
Concen: 0.273 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

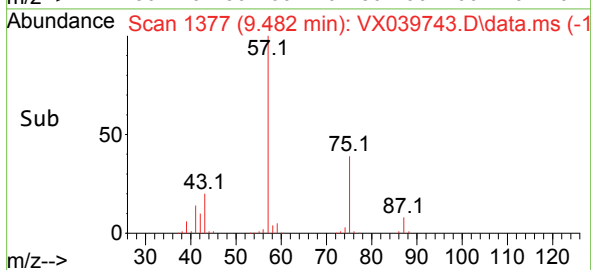
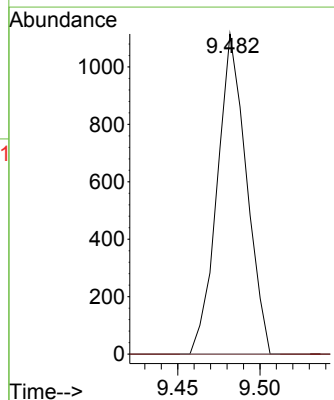
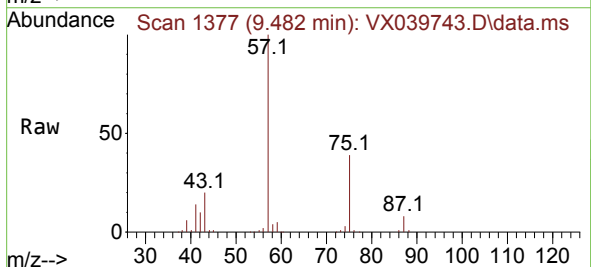
Instrument :
MSVOA_X
ClientSampleId :

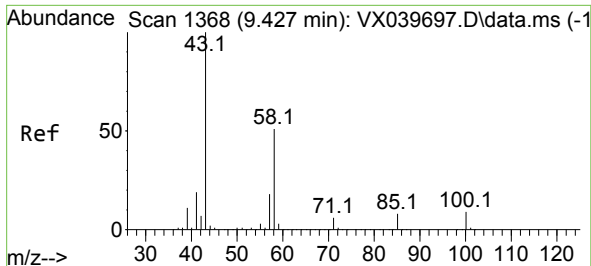
Tgt Ion: 69 Resp: 541
Ion Ratio Lower Upper
69 100
41 6106.7 56.8 85.2#
39 2751.8 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.661 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Tgt Ion: 76 Resp: 1374
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

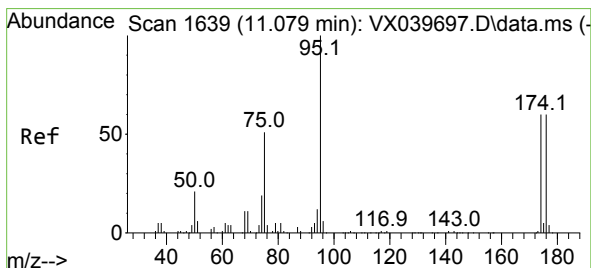
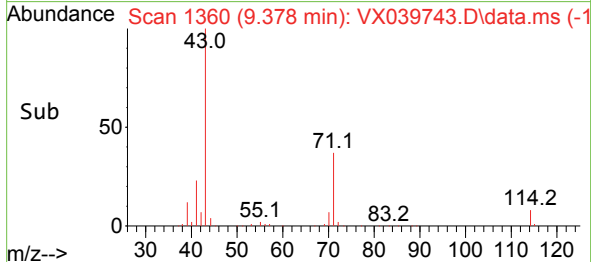
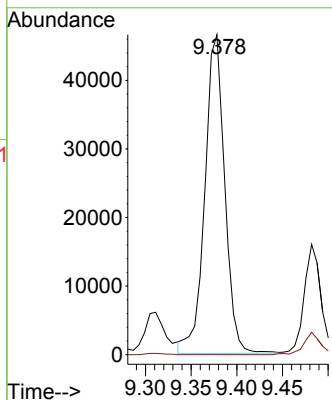
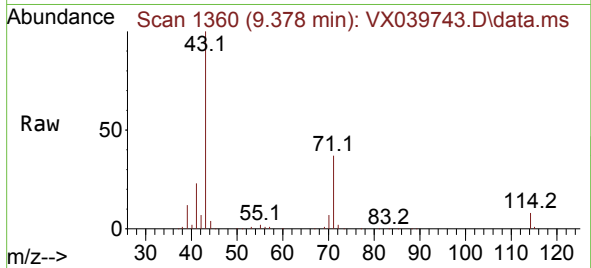




#59
2-Hexanone
Concen: 38.716 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

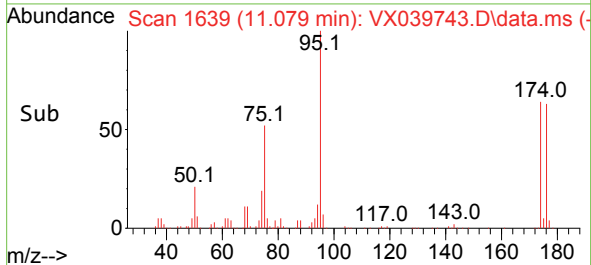
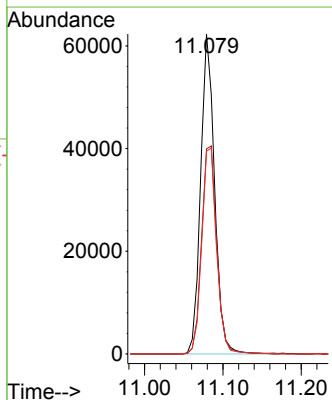
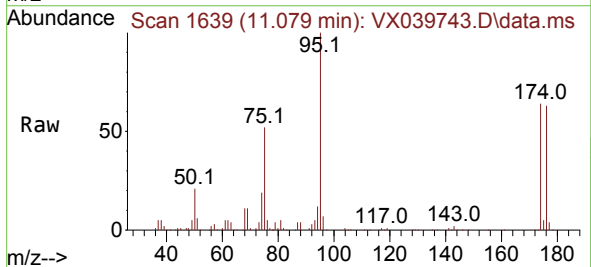
Instrument :
MSVOA_X
ClientSampleId :

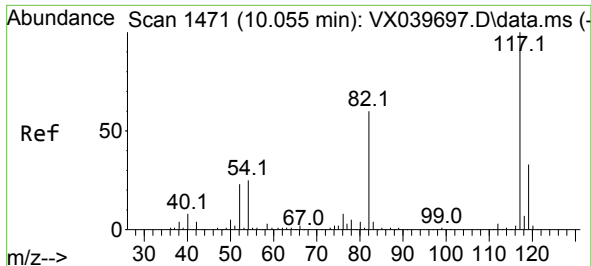
Tgt Ion: 43 Resp: 70345
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 47.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

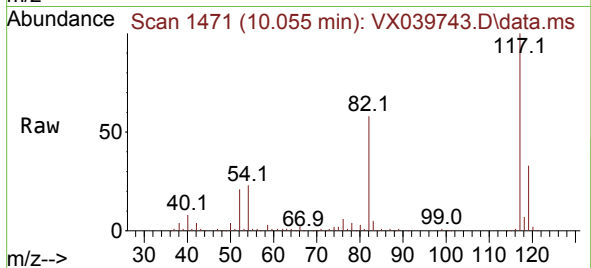
Tgt Ion: 95 Resp: 77231
Ion Ratio Lower Upper
95 100
174 70.8 0.0 135.6
176 68.2 0.0 131.0



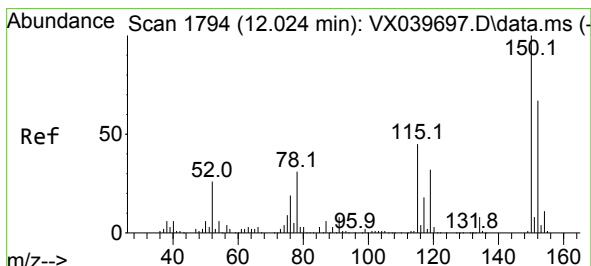
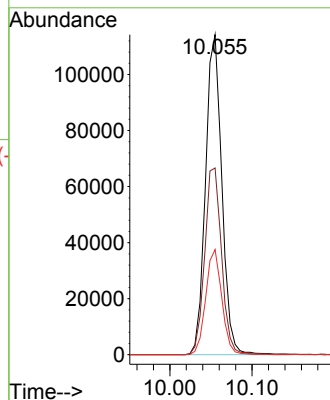
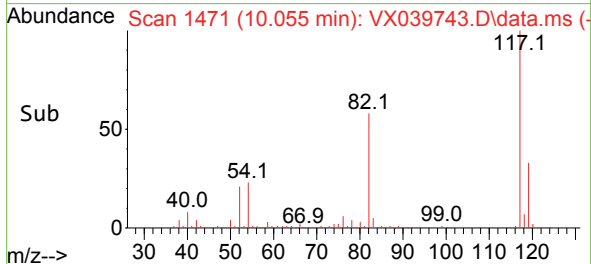


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :

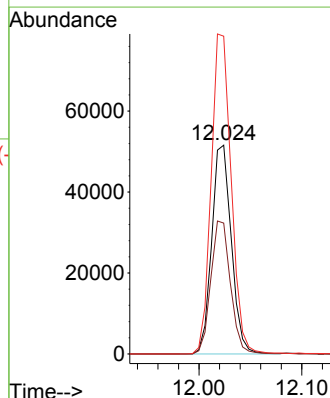
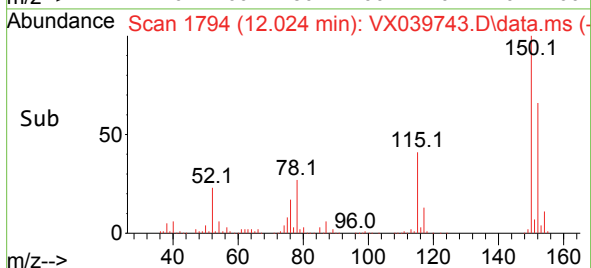
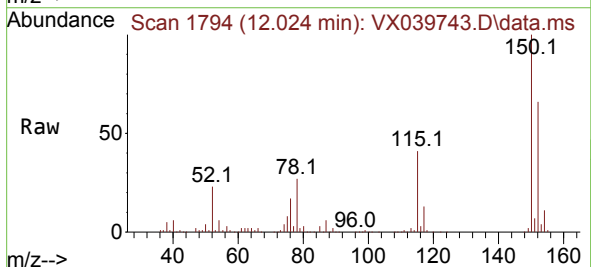


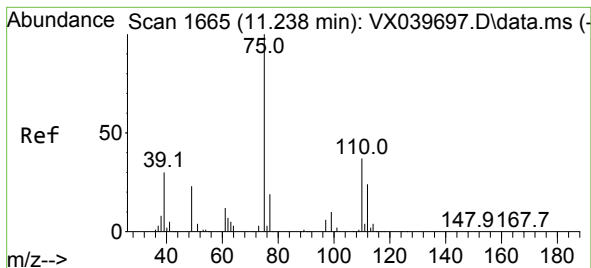
Tgt Ion:117 Resp: 157654
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039743.D
Acq: 12 Jan 2024 17:31

Tgt Ion:152 Resp: 68396
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.469 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039743.D

Acq: 12 Jan 2024 17:31

Instrument :

MSVOA_X

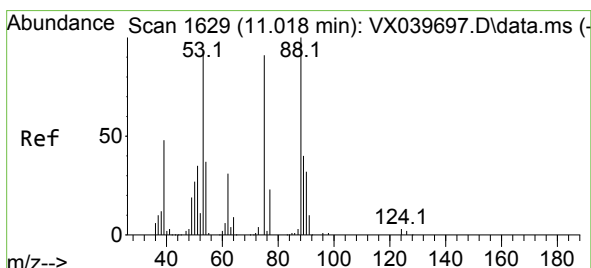
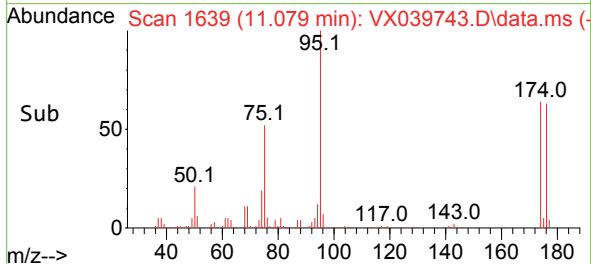
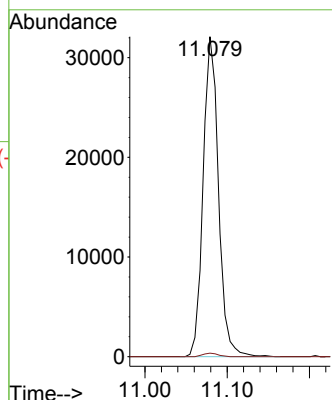
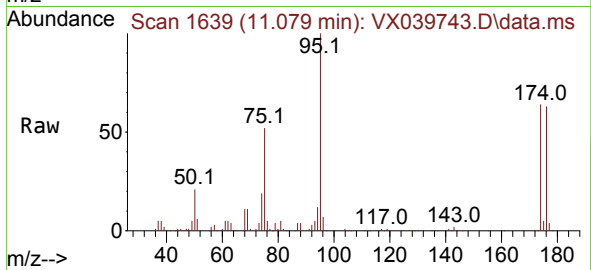
ClientSampleId :

Tgt Ion: 75 Resp: 41616

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.616 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039743.D

Acq: 12 Jan 2024 17:31

Tgt Ion: 75 Resp: 41616

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

