

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052224\
 Data File : VX041594.D
 Acq On : 22 May 2024 11:48
 Operator : JC/MD
 Sample : P2494-22 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2

Quant Time: May 23 03:38:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

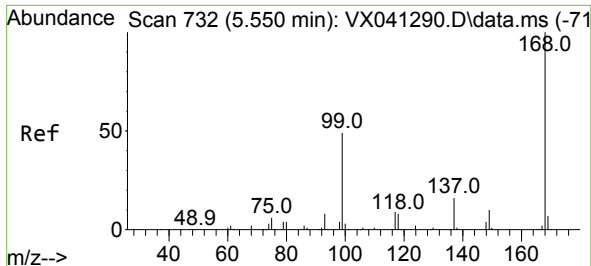
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	181687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	267884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100645	50.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.760%	
35) Dibromofluoromethane	5.385	113	85540	47.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.240%	
50) Toluene-d8	8.647	98	311058	54.137	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	11.079	95	116723	52.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.960%	
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	422	0.457	ug/l	86
6) Chloroethane	1.660	64	167	0.244	ug/l	# 68
11) Tert butyl alcohol	2.940	59	1150	2.905	ug/l	# 78
16) Acetone	2.392	43	2006	Below Cal		91
20) Methylene Chloride	2.788	84	1135	0.661	ug/l	93
31) Cyclohexane	5.543	56	3058	1.281	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	11769	5.422	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	16077	6.465	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1426	0.584	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	59823	27.858	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	59823	75.881	ug/l	# 5
95) Naphthalene	13.780	128	5464	0.605	ug/l	97

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

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QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

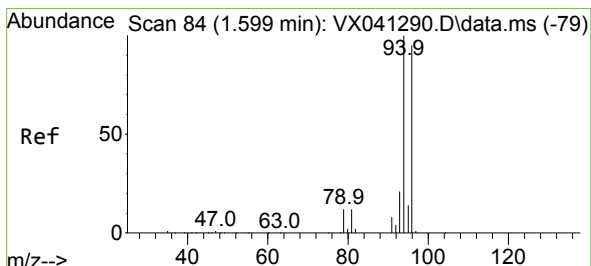
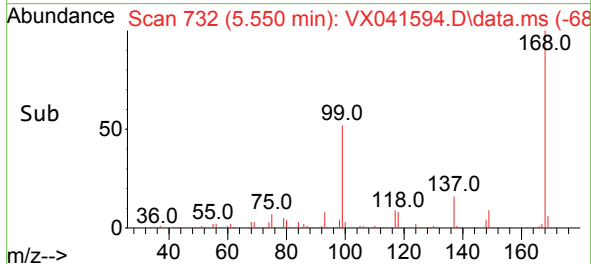
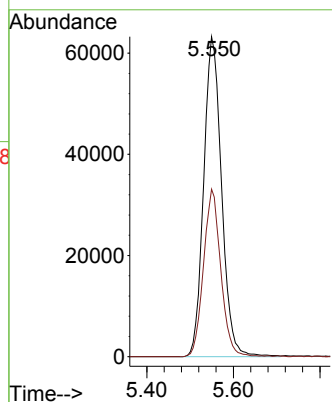
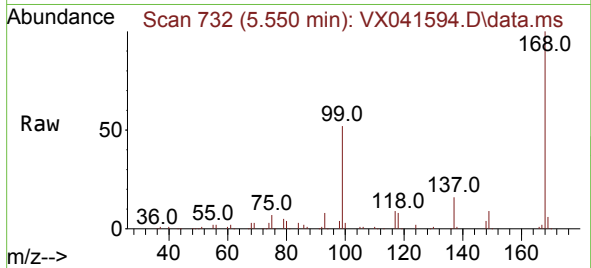




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041594.D
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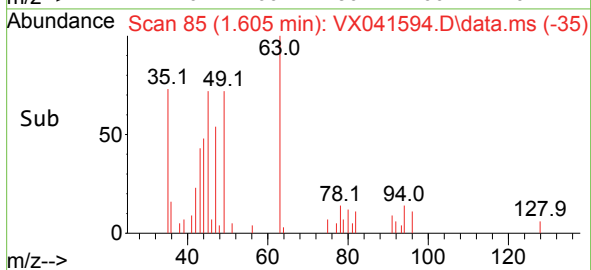
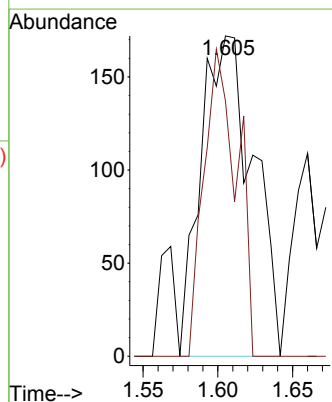
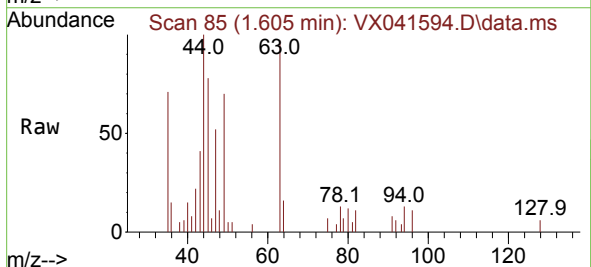
Instrument :
MSVOA_X
ClientSampleId :
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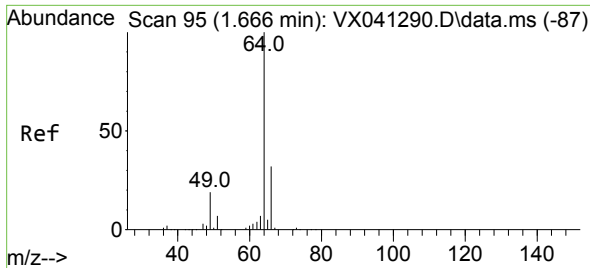
Tgt Ion:168 Resp: 181687
Ion Ratio Lower Upper
168 100
99 52.3 56.6 85.0#



#5
Bromomethane
Concen: 0.457 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 79.7 74.6 111.8

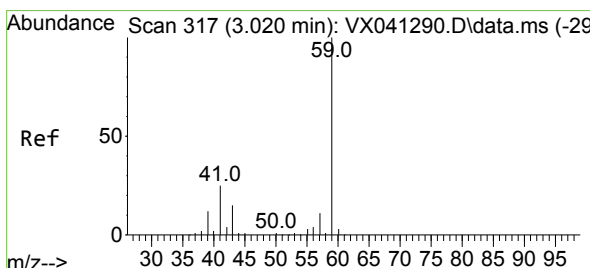
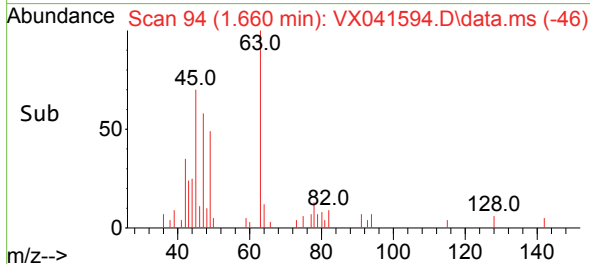
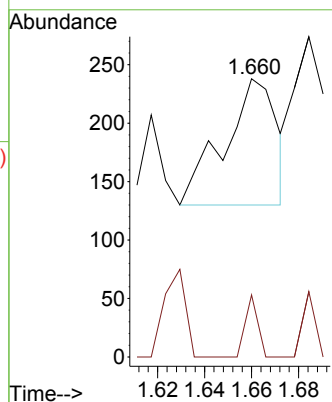
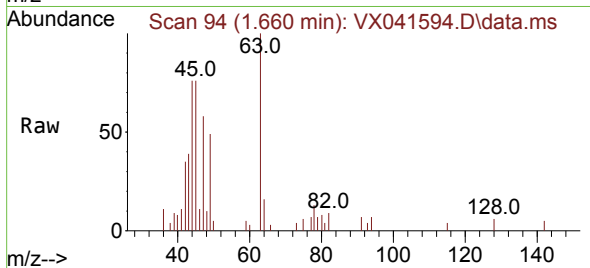




#6
Chloroethane
Concen: 0.244 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

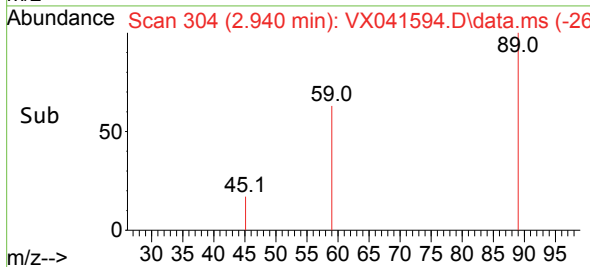
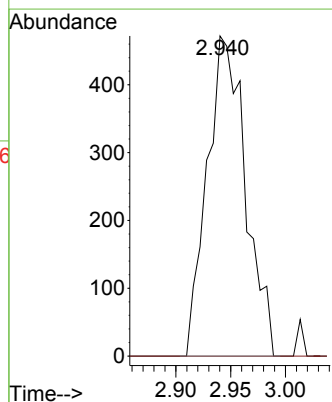
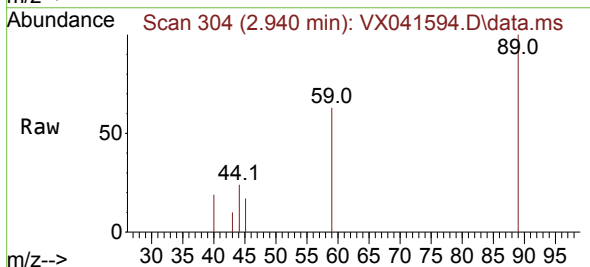
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ClientSampleId :
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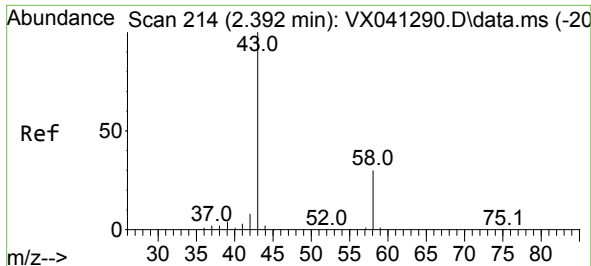
Tgt Ion: 64 Resp: 167
Ion Ratio Lower Upper
64 100
66 49.1 25.1 37.7#



#11
Tert butyl alcohol
Concen: 2.905 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041594.D
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Tgt Ion: 59 Resp: 1150
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

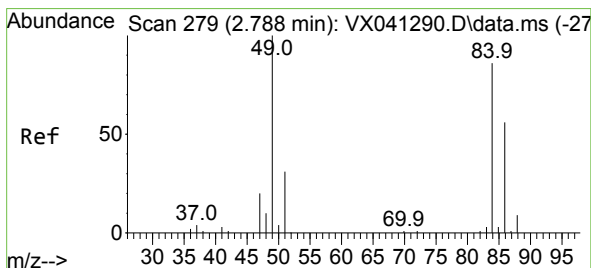
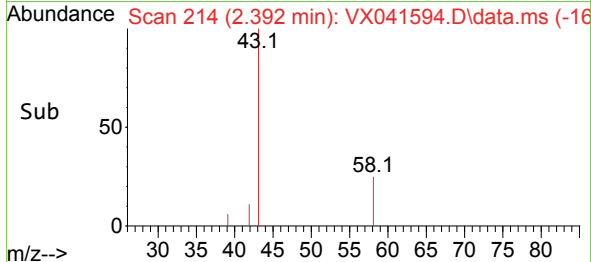
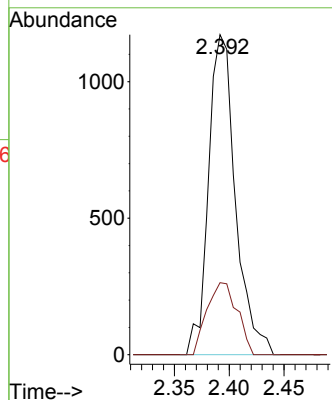
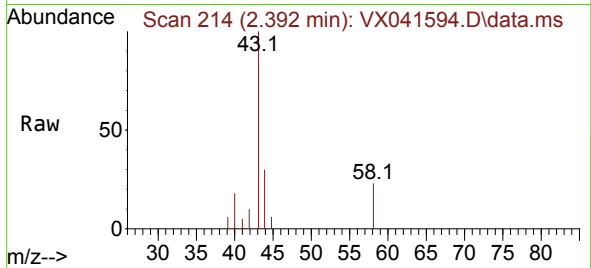




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

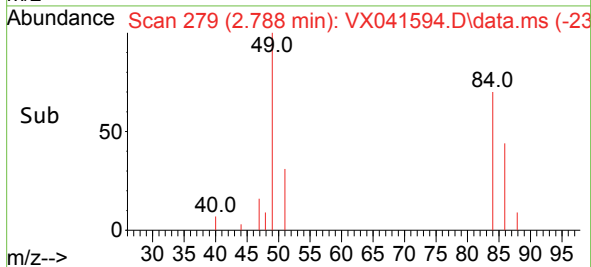
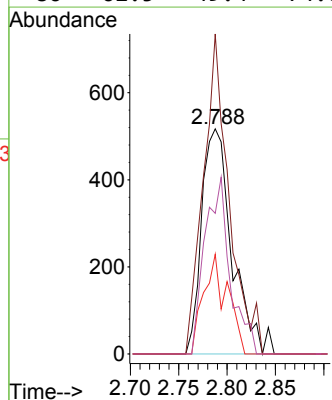
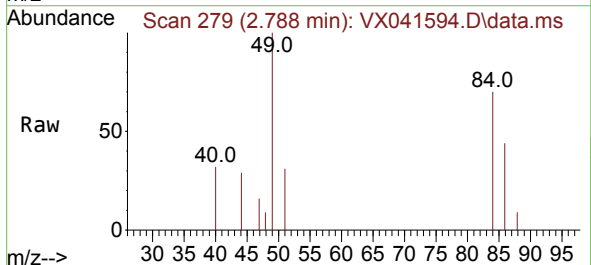
Instrument :
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ClientSampleId :
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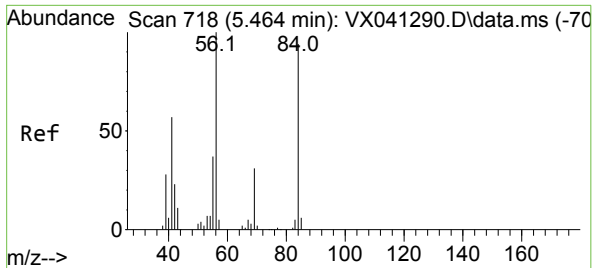
Tgt Ion: 43 Resp: 2006
Ion Ratio Lower Upper
43 100
58 22.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.661 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

Tgt Ion: 84 Resp: 1135
Ion Ratio Lower Upper
84 100
49 142.2 103.6 155.4
51 44.3 33.8 50.6
86 62.5 49.4 74.0

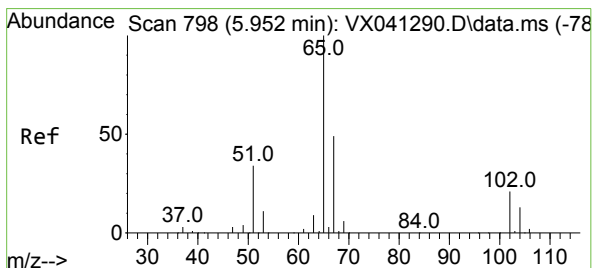
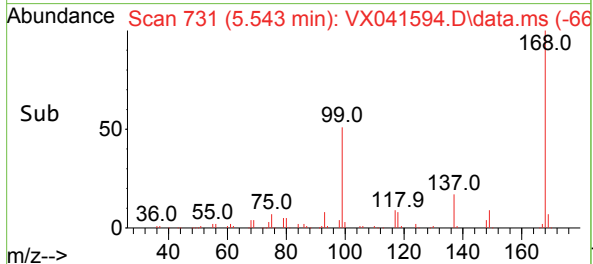
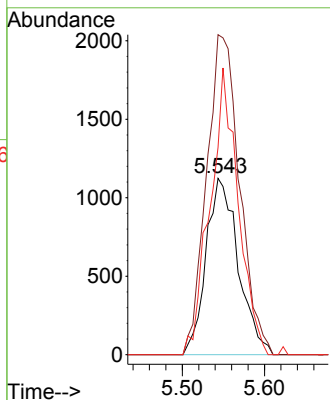
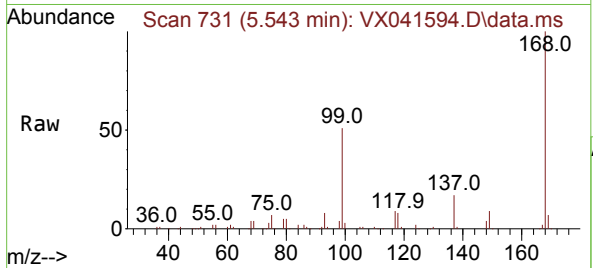




#31
Cyclohexane
Concen: 1.281 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

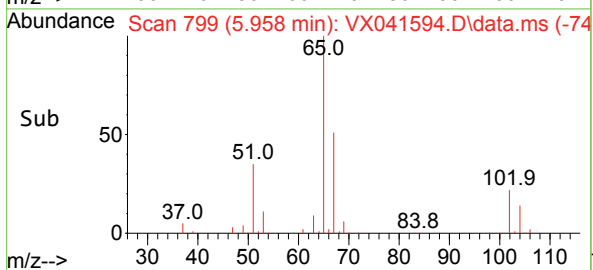
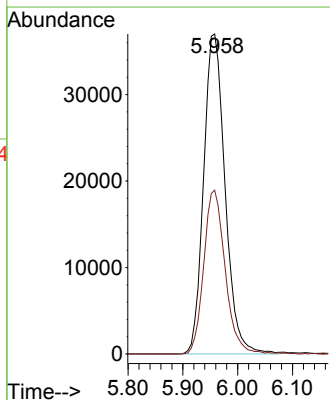
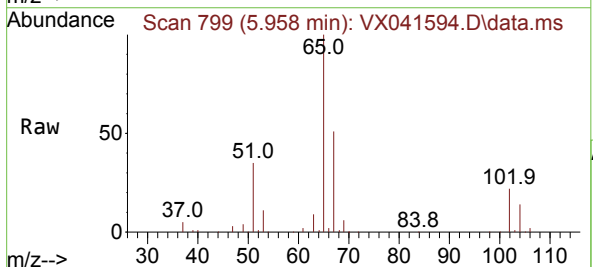
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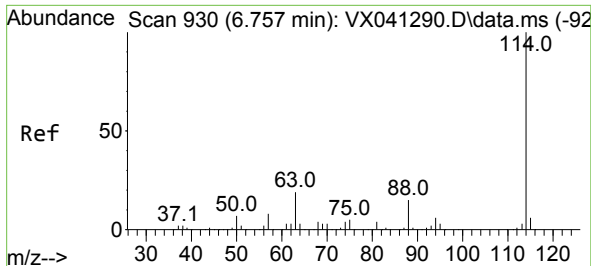
Tgt Ion: 56 Resp: 3058
Ion Ratio Lower Upper
56 100
69 181.4 23.4 35.2#
84 117.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.884 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

Tgt Ion: 65 Resp: 100645
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

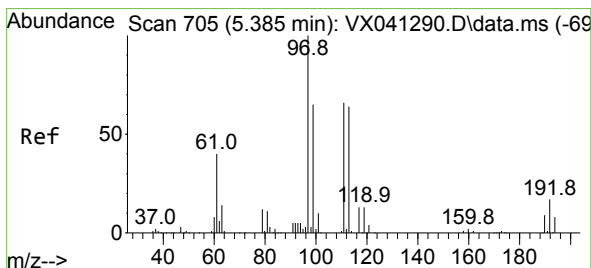
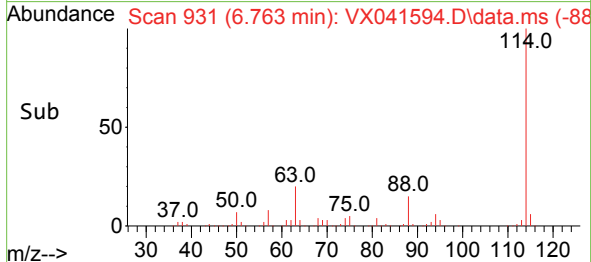
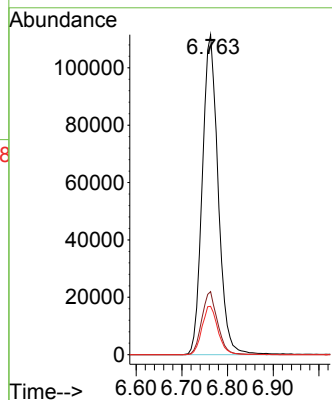
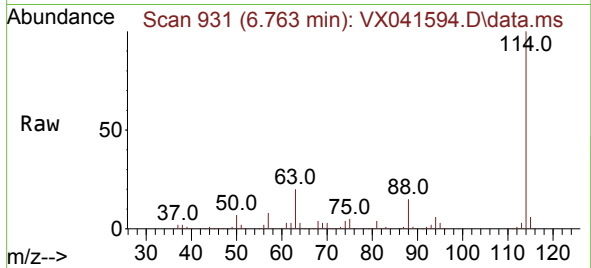




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

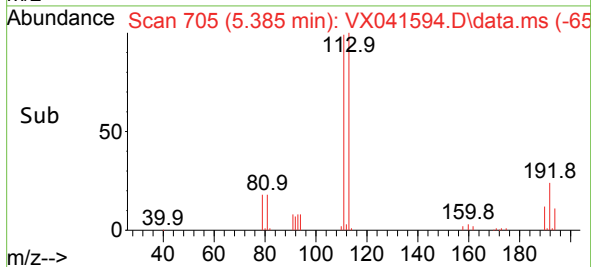
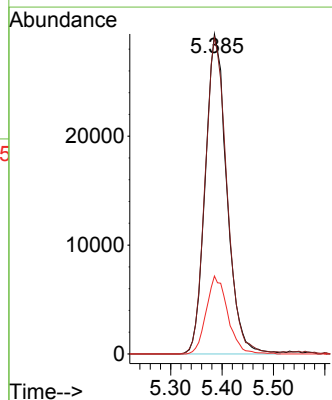
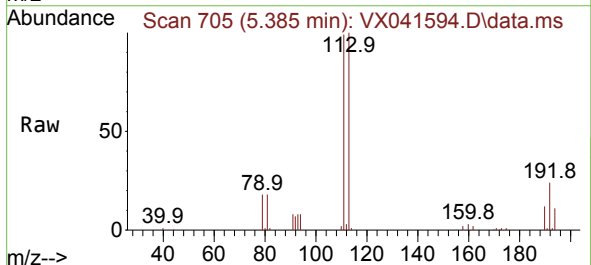
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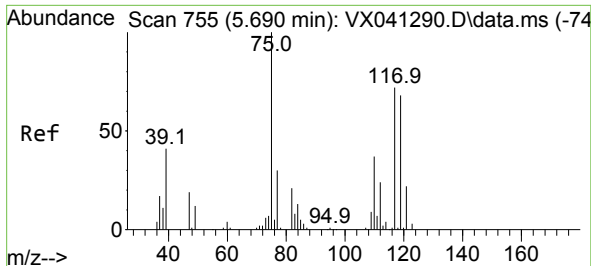
Tgt Ion:114 Resp: 267884
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.120 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

Tgt Ion:113 Resp: 85540
Ion Ratio Lower Upper
113 100
111 100.2 82.9 124.3
192 24.3 13.3 19.9#

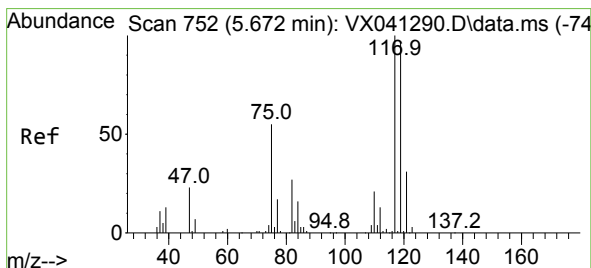
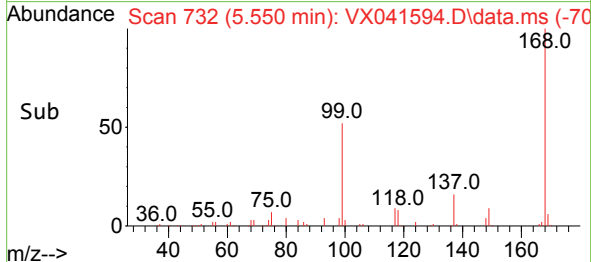
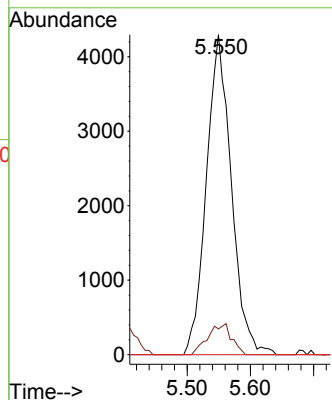
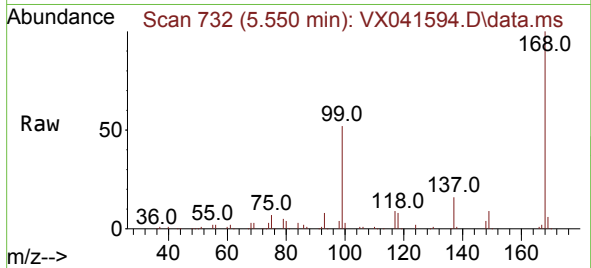




#36
1,1-Dichloropropene
Concen: 5.422 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

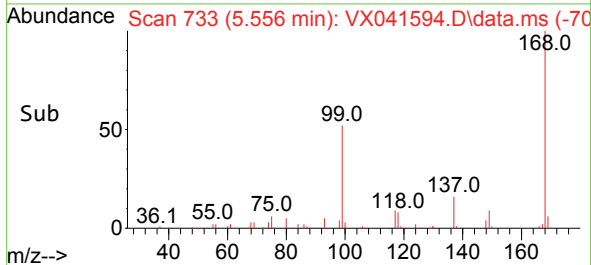
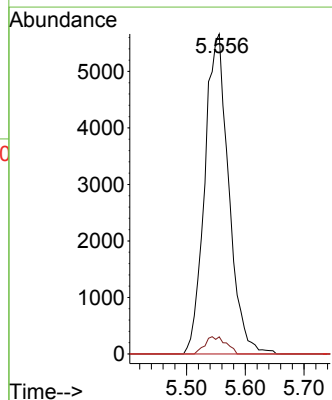
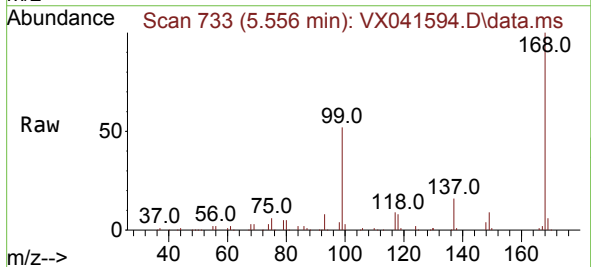
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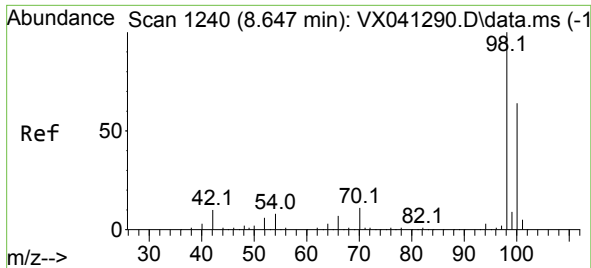
Tgt Ion: 75 Resp: 11769
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

Tgt Ion: 117 Resp: 16077
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

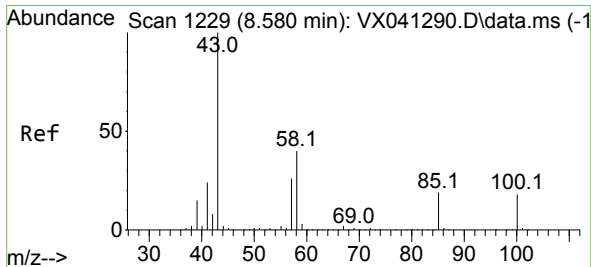
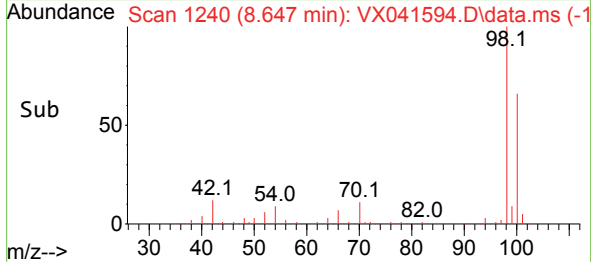
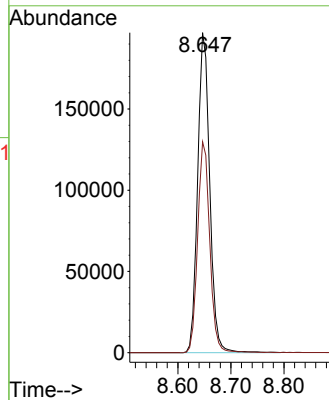
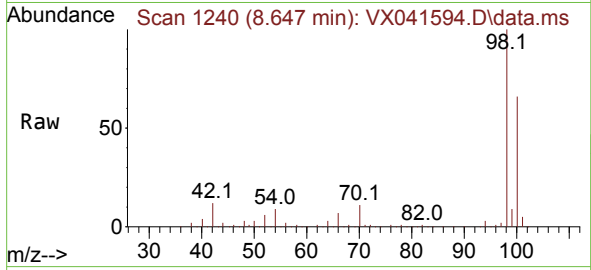




#50
Toluene-d8
Concen: 54.137 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

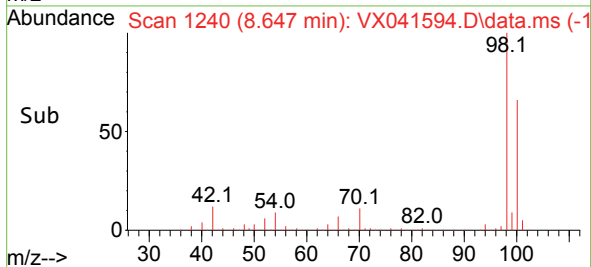
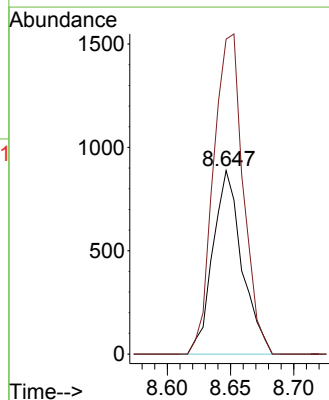
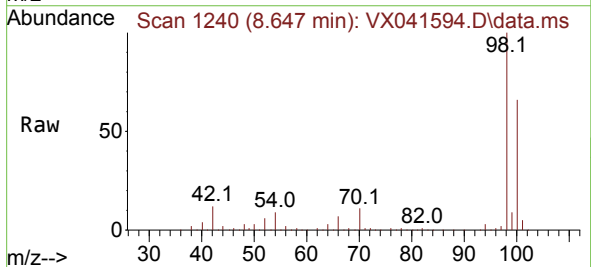
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MSVOA_X
ClientSampleId :
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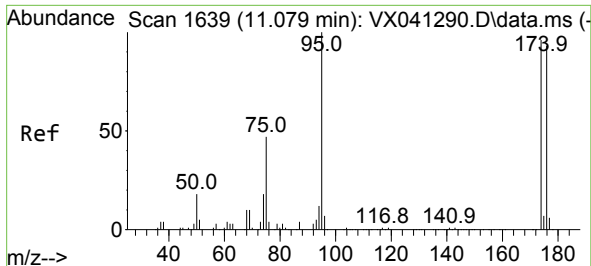
Tgt Ion: 98 Resp: 311058
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 177.9 30.4 45.6#

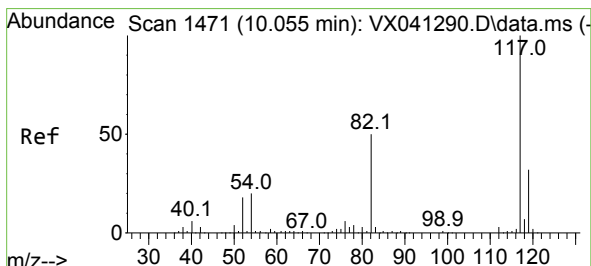
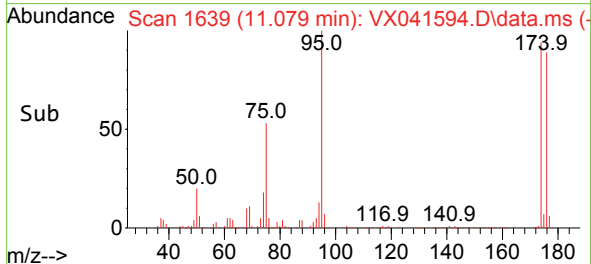
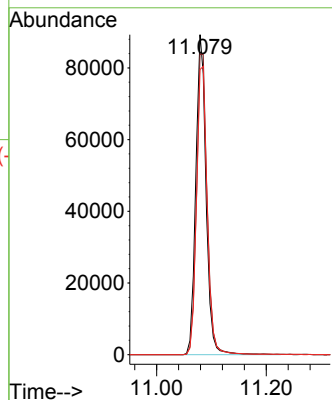
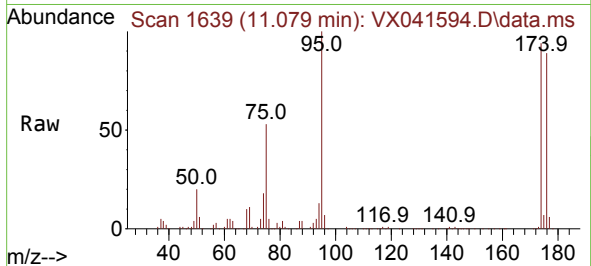




#62
4-Bromofluorobenzene
Concen: 52.478 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

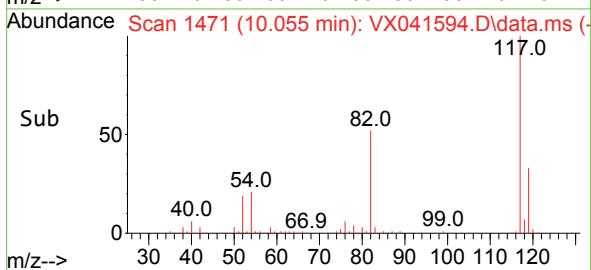
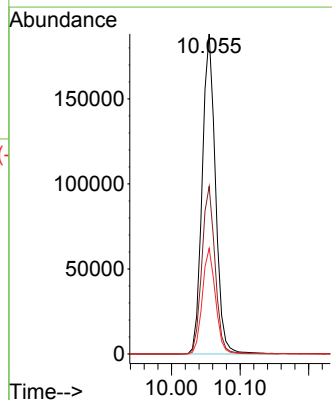
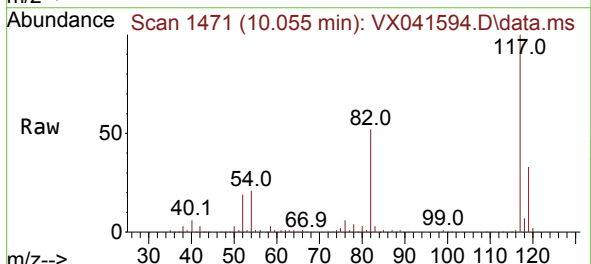
Instrument :
MSVOA_X
ClientSampleId :
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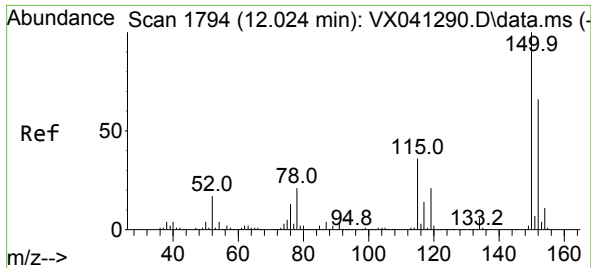
Tgt Ion: 95 Resp: 116723
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 94.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

Tgt Ion: 117 Resp: 254093
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 33.0 25.5 38.3

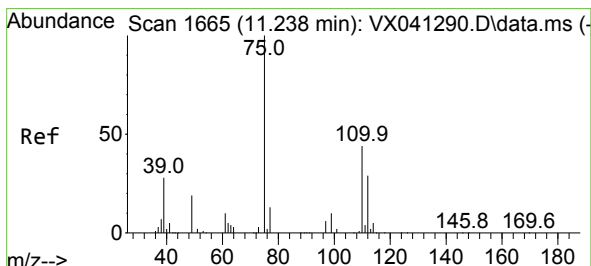
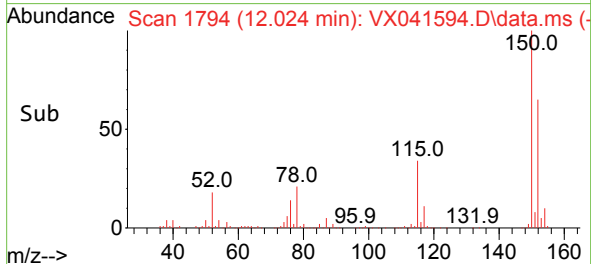
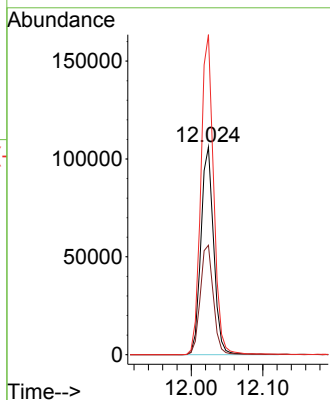
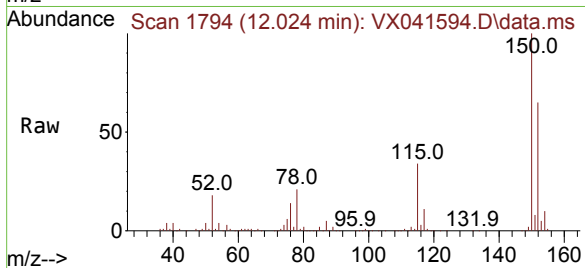




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041594.D
 Acq: 22 May 2024 11:48

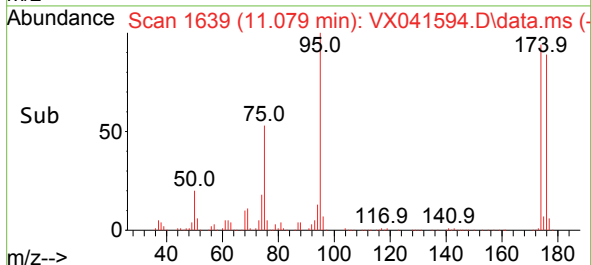
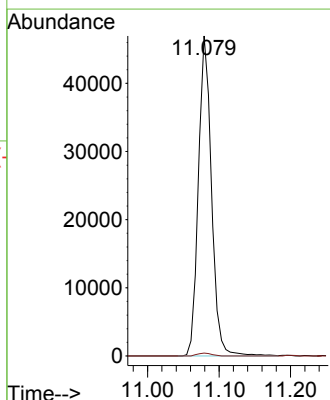
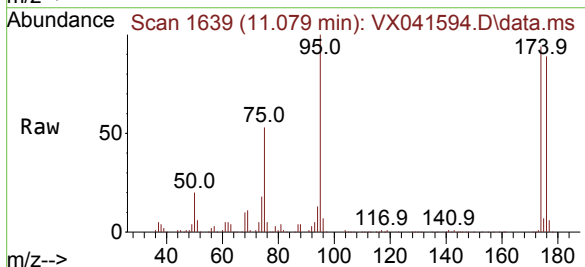
Instrument :
 MSVOA_X
 ClientSampleId :
 2

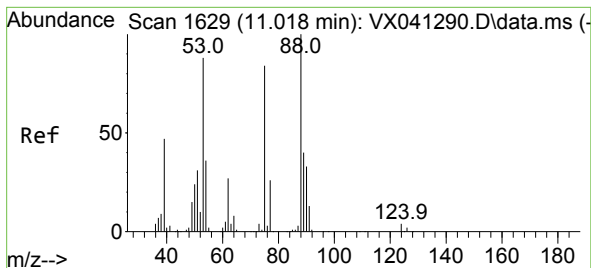
Tgt Ion:152 Resp: 131771
 Ion Ratio Lower Upper
 152 100
 115 54.0 43.3 129.9
 150 155.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.858 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041594.D
 Acq: 22 May 2024 11:48

Tgt Ion: 75 Resp: 59823
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

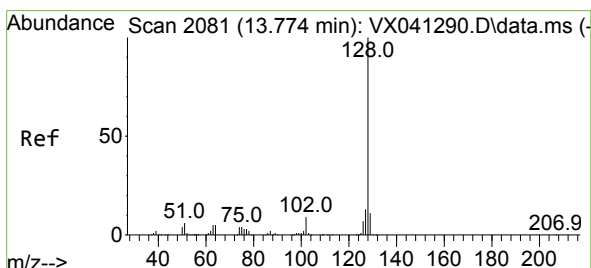
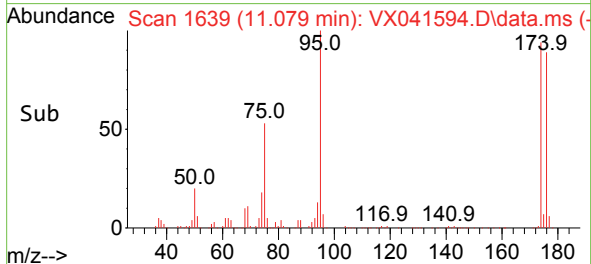
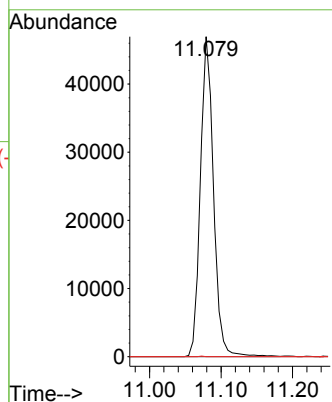
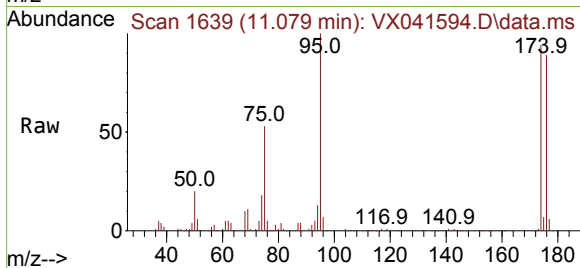




#81
trans-1,4-Dichloro-2-butene
Concen: 75.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

Instrument :
MSVOA_X
ClientSampleId :
2

Tgt Ion: 75 Resp: 59823
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 0.605 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041594.D
Acq: 22 May 2024 11:48

Tgt Ion: 128 Resp: 5464
Ion Ratio Lower Upper
128 100
127 11.0 10.3 15.5
129 10.4 8.8 13.2

