

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042997.D
 Acq On : 09 Aug 2024 15:27
 Operator : JC/MD
 Sample : P3458-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-224-375

Quant Time: Aug 09 16:28:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

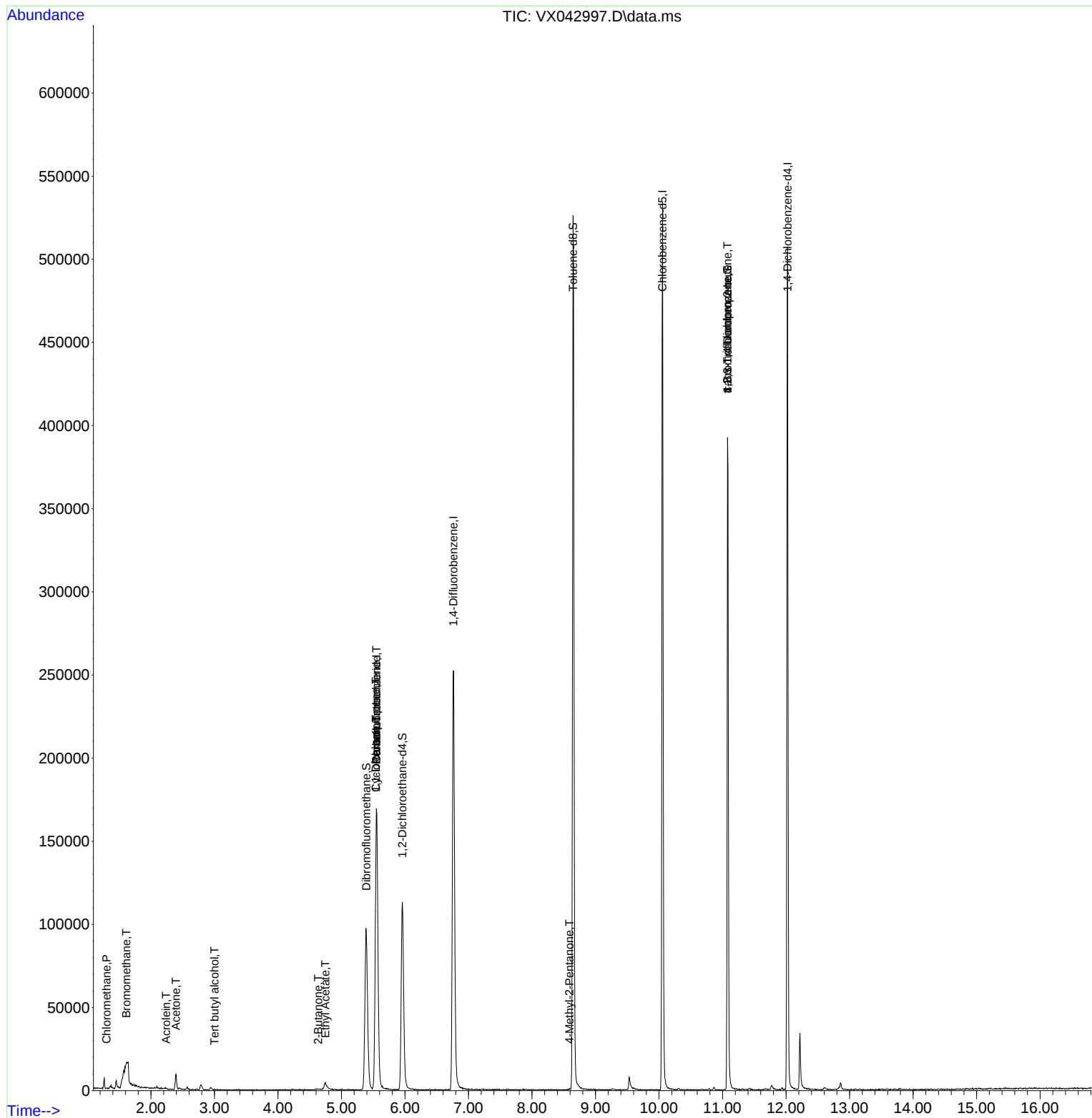
Internal Standards						
1) Pentafluorobenzene	5.550	168	160665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114474	51.901	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.800%		
35) Dibromofluoromethane	5.391	113	84828	50.567	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.140%		
50) Toluene-d8	8.647	98	316666	53.173	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.340%		
62) 4-Bromofluorobenzene	11.079	95	105819	49.447	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.900%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	589	0.312	ug/l #	72
5) Bromomethane	1.612	94	476	0.439	ug/l #	46
11) Tert butyl alcohol	3.002	59	380	0.866	ug/l #	78
13) Acrolein	2.239	56	89	0.206	ug/l	93
16) Acetone	2.392	43	9566	9.999	ug/l #	74
20) Methylene Chloride	2.788	84	1580	Below Cal		84
25) 2-Butanone	4.635	43	1175	0.782	ug/l #	85
31) Cyclohexane	5.544	56	3347	1.213	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	13144	5.779	ug/l #	49
37) Ethyl Acetate	4.745	43	8483	2.981	ug/l	96
38) Carbon Tetrachloride	5.550	117	16750	6.524	ug/l #	18
51) 4-Methyl-2-Pentanone	8.592	43	761	0.270	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	56846	23.854	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56846	77.561	ug/l #	5

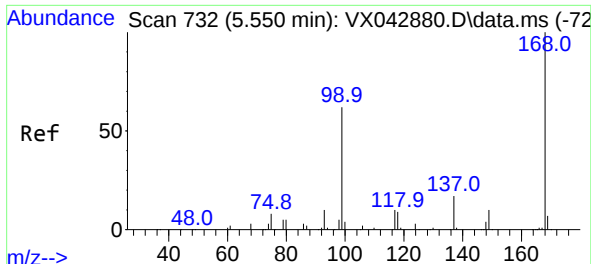
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

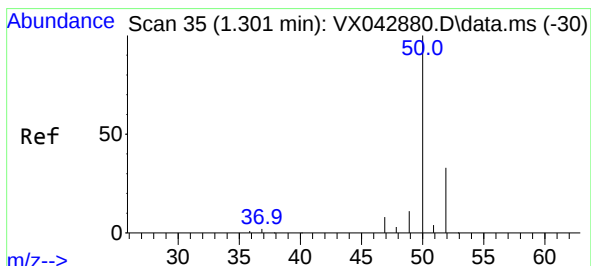
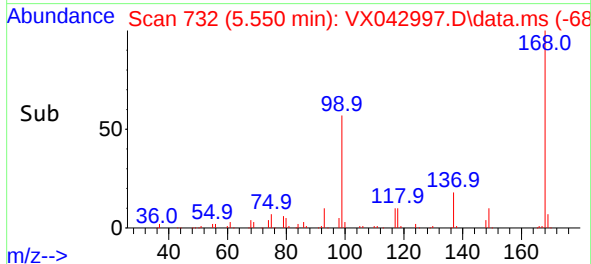
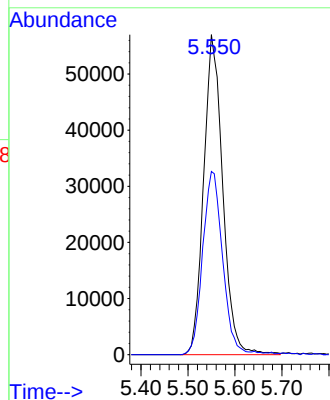
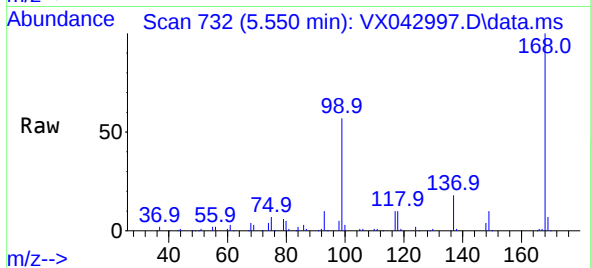




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

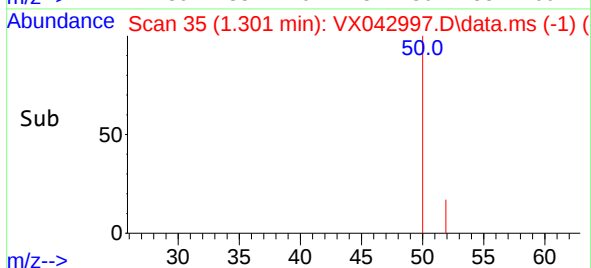
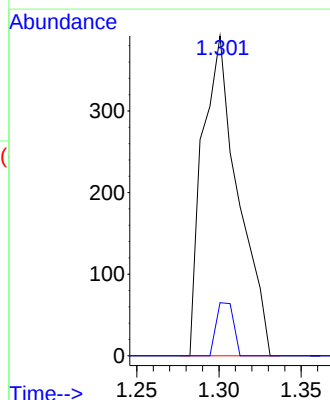
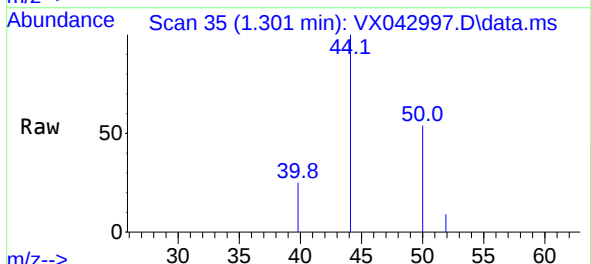
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

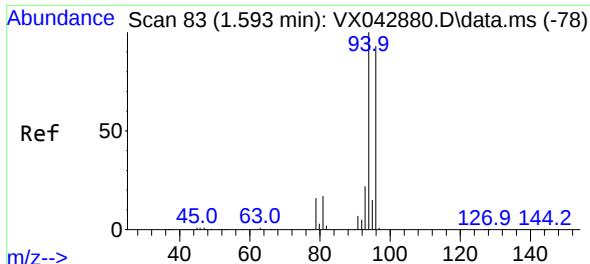
Tgt Ion:168 Resp: 160665
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#3
Chloromethane
Concen: 0.312 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Tgt Ion: 50 Resp: 589
Ion Ratio Lower Upper
50 100
52 16.6 25.5 38.3#

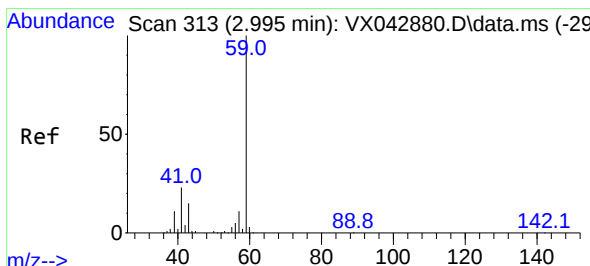
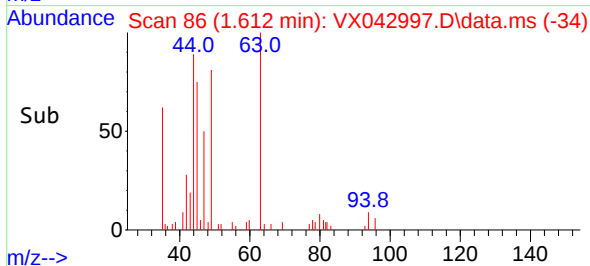
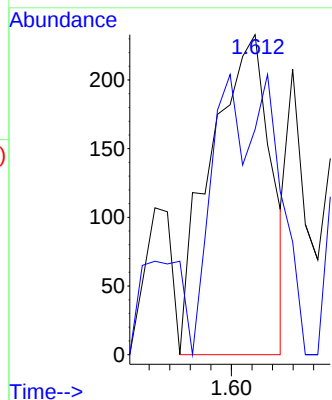
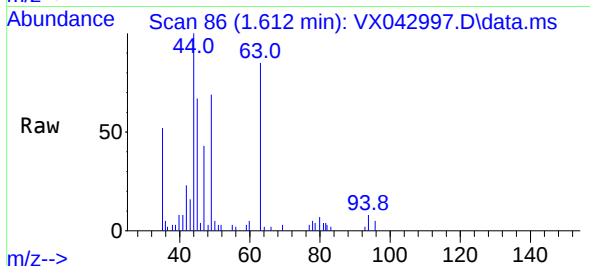




#5
Bromomethane
Concen: 0.439 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

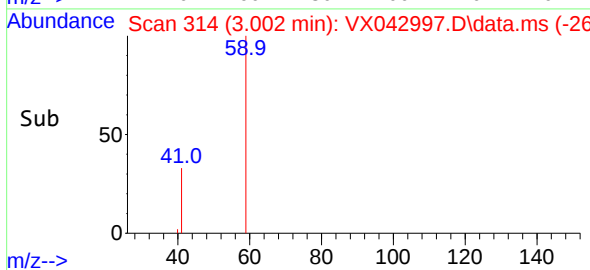
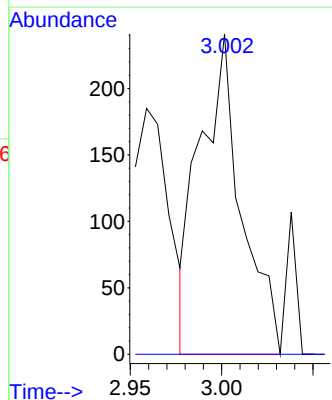
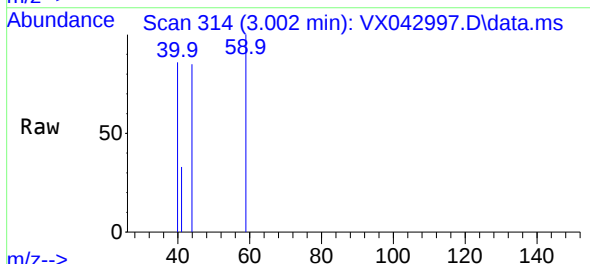
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

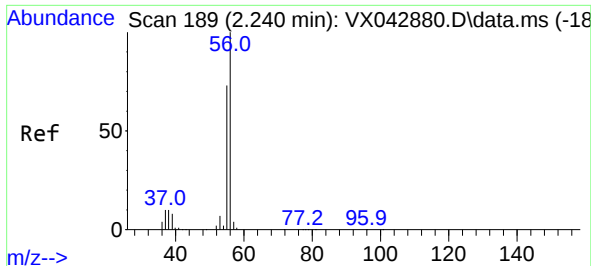
Tgt Ion: 94 Resp: 476
Ion Ratio Lower Upper
94 100
96 41.2 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.866 ug/l
RT: 3.002 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

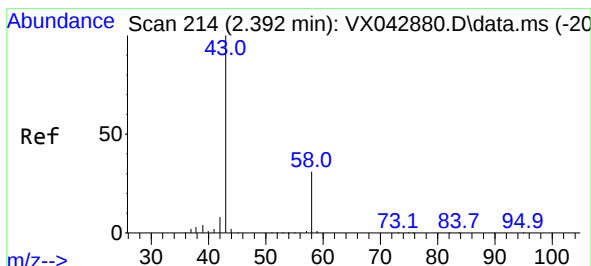
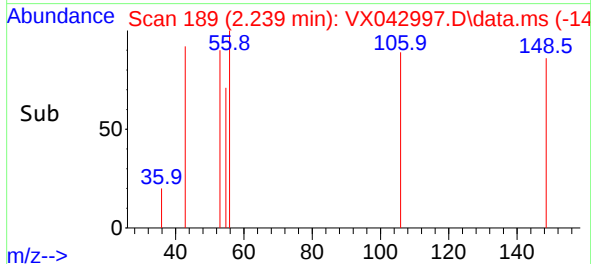
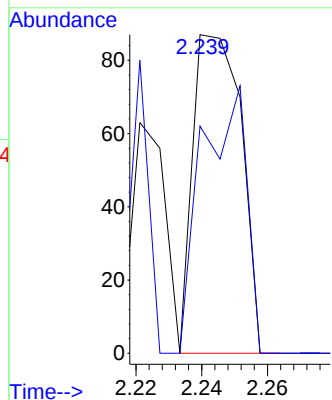
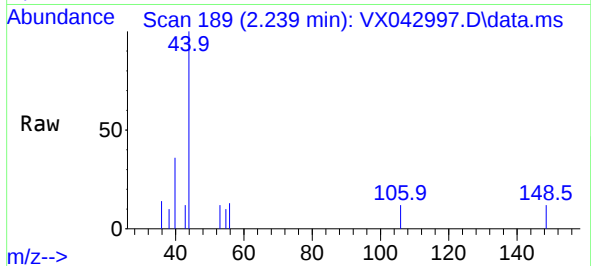




#13
Acrolein
Concen: 0.206 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

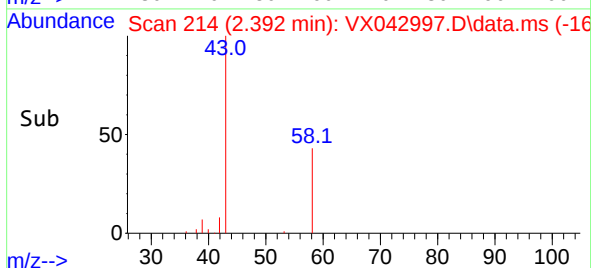
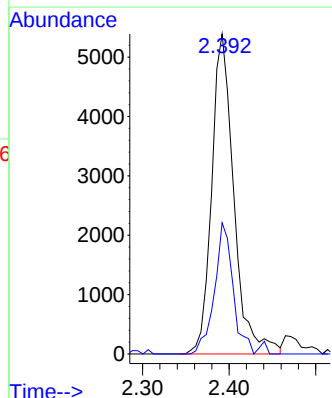
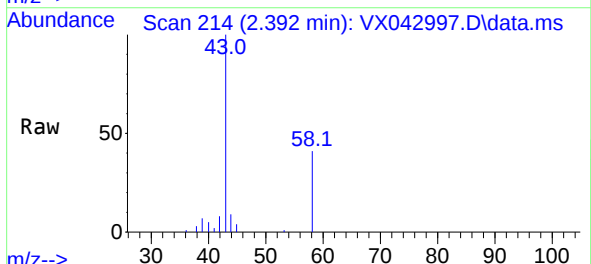
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

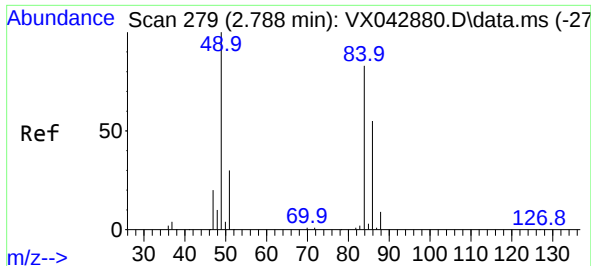
Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 77.5 57.1 85.7



#16
Acetone
Concen: 9.999 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

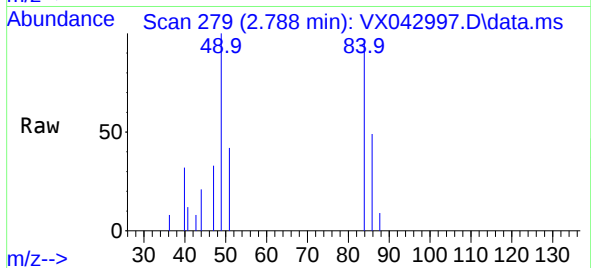
Tgt Ion: 43 Resp: 9566
Ion Ratio Lower Upper
43 100
58 41.0 21.9 32.9#





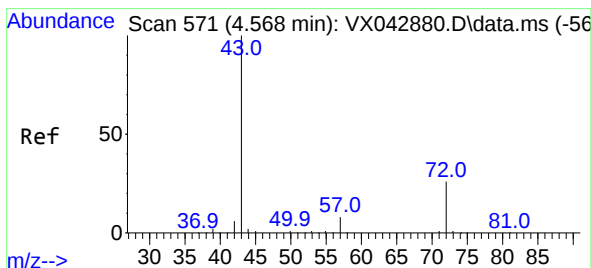
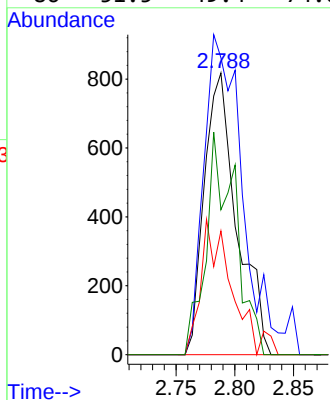
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Instrument :
MSVOA_X
ClientSampleId :
EB-224-375



Tgt Ion: 84 Resp: 1580

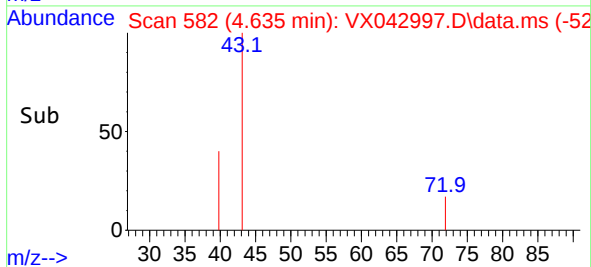
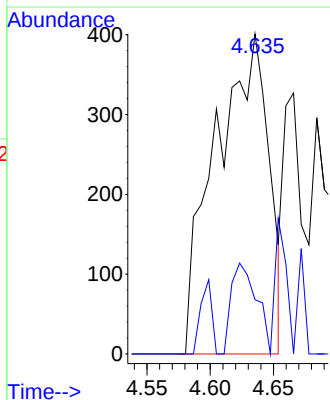
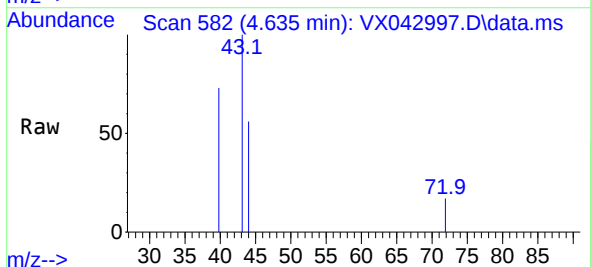
Ion	Ratio	Lower	Upper
84	100		
49	105.4	103.6	155.4
51	43.9	33.8	50.6
86	51.5	49.4	74.0

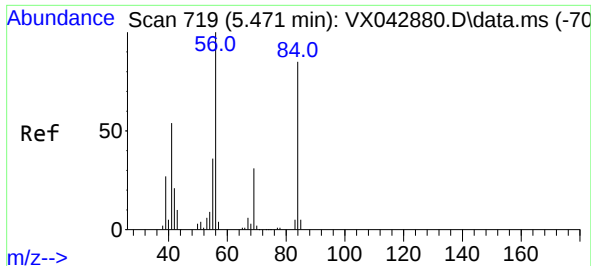


#25
2-Butanone
Concen: 0.782 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.067 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Tgt Ion: 43 Resp: 1175

Ion	Ratio	Lower	Upper
43	100		
72	17.0	19.4	29.2#



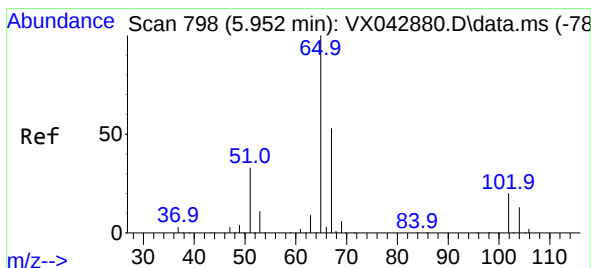
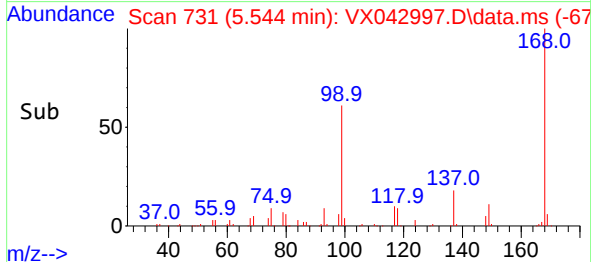
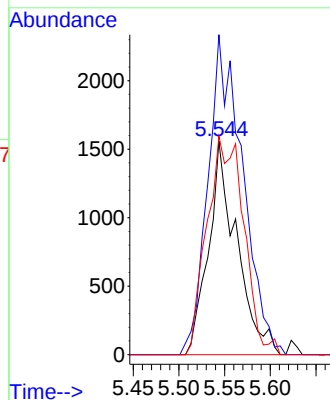
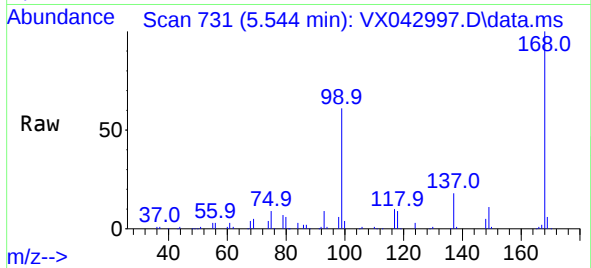


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

Tgt Ion: 56 Resp: 3347

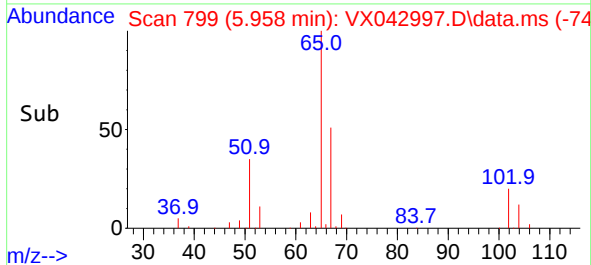
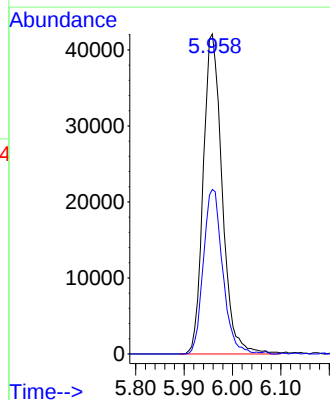
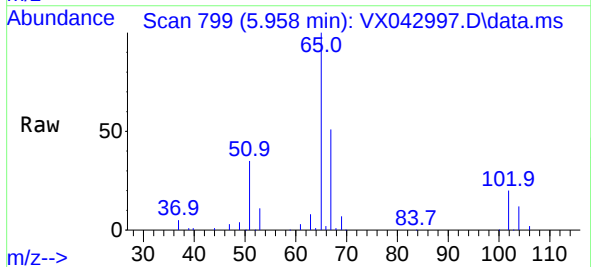
Ion	Ratio	Lower	Upper
56	100		
69	149.8	23.4	35.2#
84	102.3	65.9	98.9#

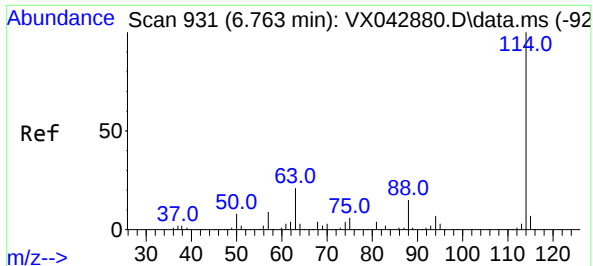


#33
1,2-Dichloroethane-d4
Concen: 51.901 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Tgt Ion: 65 Resp: 114474

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	100.2

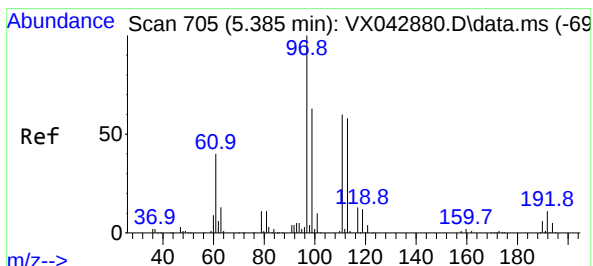
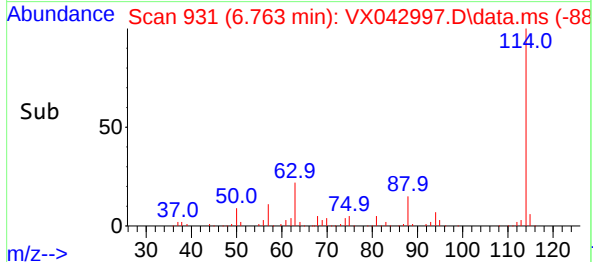
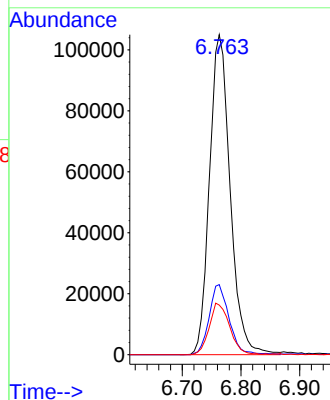
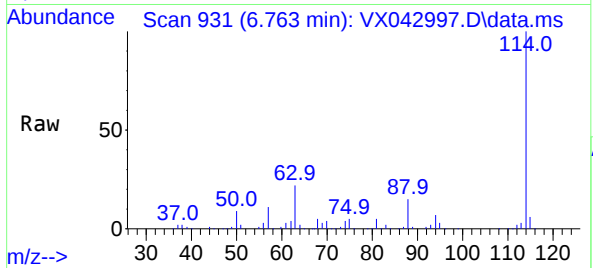




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

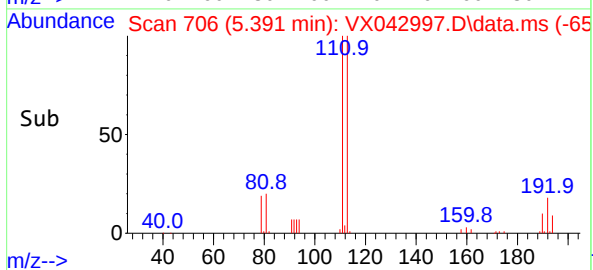
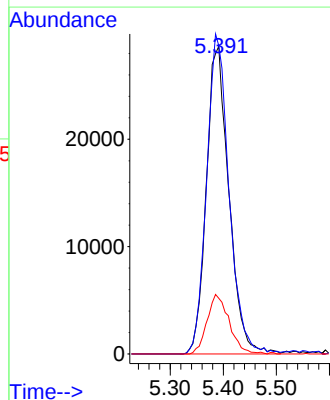
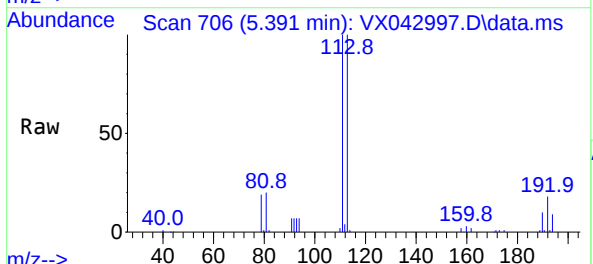
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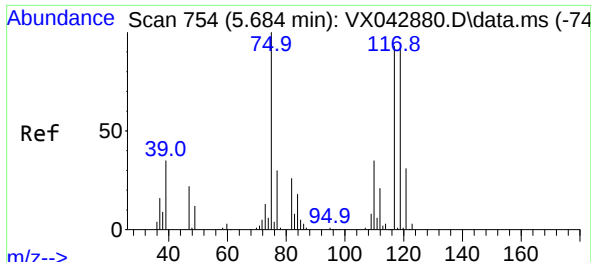
Tgt Ion:114 Resp: 256566
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.567 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Tgt Ion:113 Resp: 84828
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.0 13.3 19.9

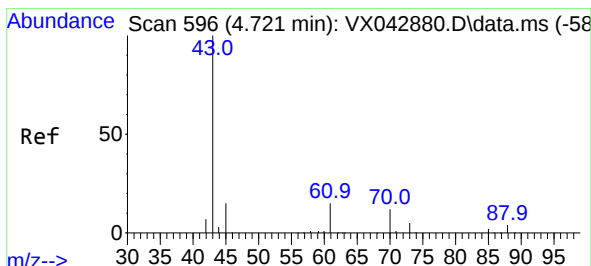
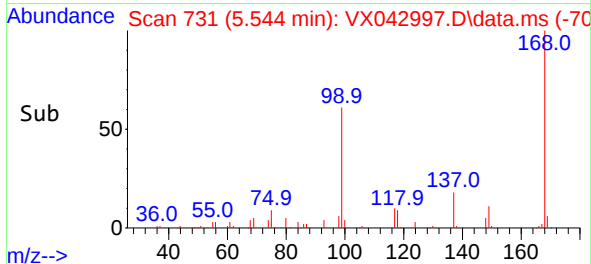
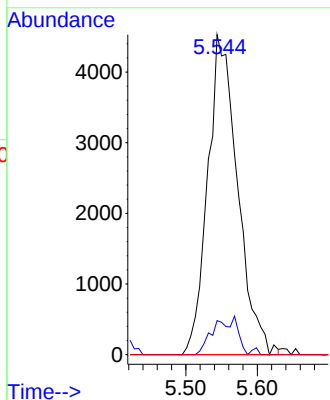
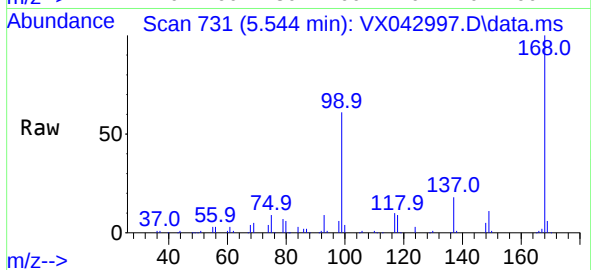




#36
1,1-Dichloropropene
Concen: 5.779 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

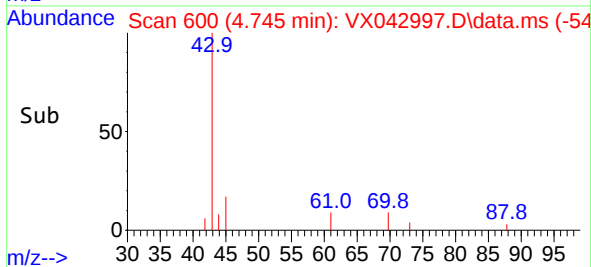
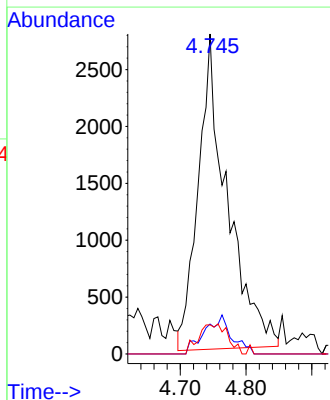
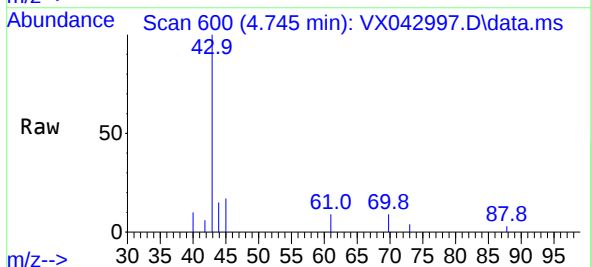
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

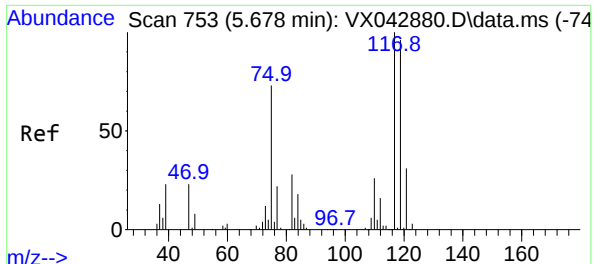
Tgt Ion: 75 Resp: 13144
Ion Ratio Lower Upper
75 100
110 7.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 2.981 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.024 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

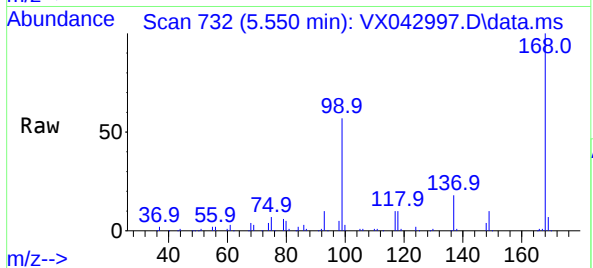
Tgt Ion: 43 Resp: 8483
Ion Ratio Lower Upper
43 100
61 11.5 10.6 16.0
70 9.6 8.3 12.5



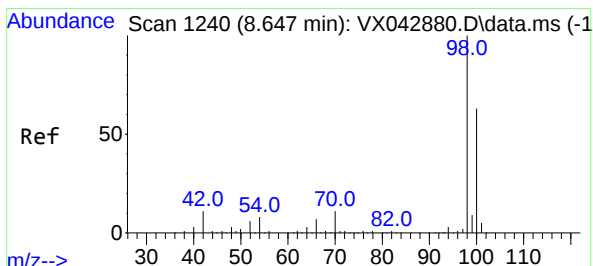
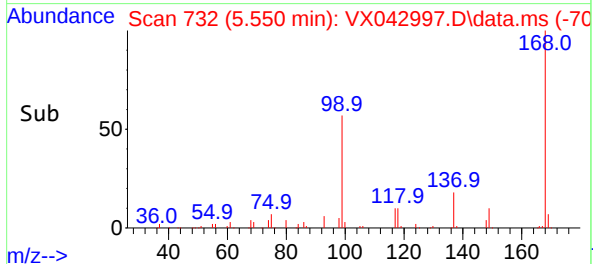
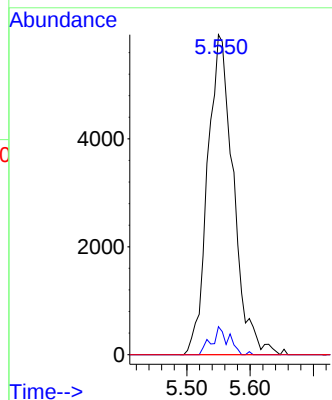


#38
Carbon Tetrachloride
Concen: 6.524 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

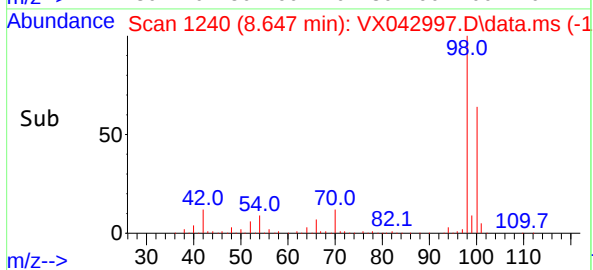
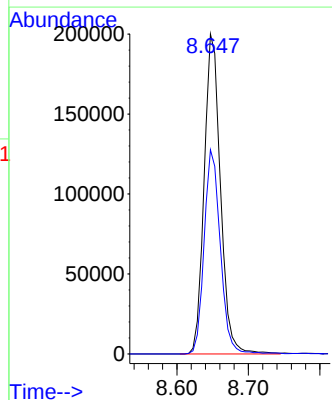
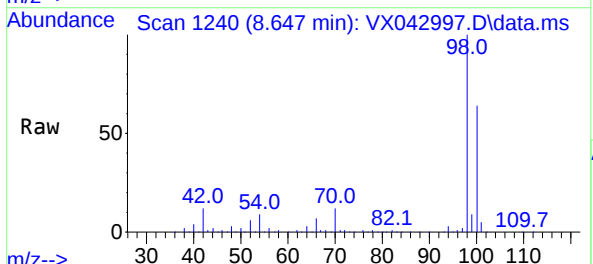


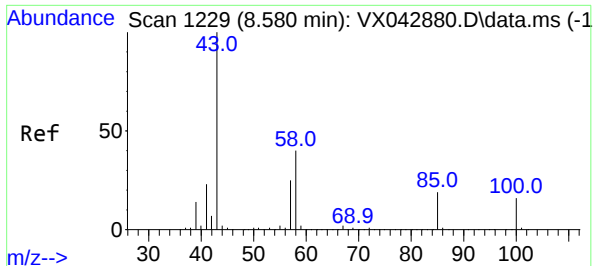
Tgt Ion:117 Resp: 16750
Ion Ratio Lower Upper
117 100
119 8.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.173 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Tgt Ion: 98 Resp: 316666
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

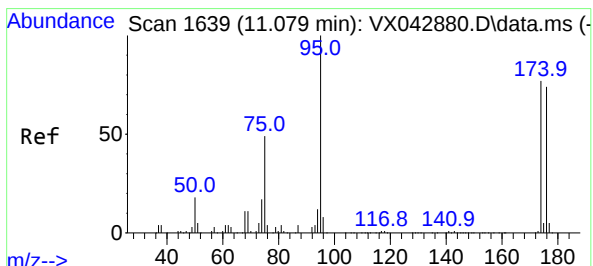
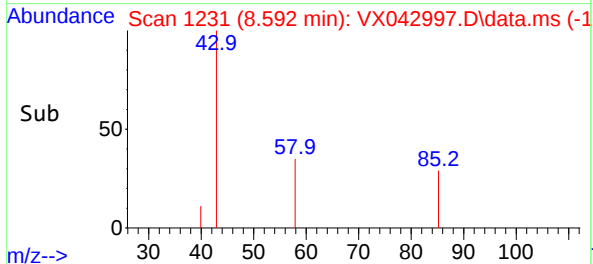
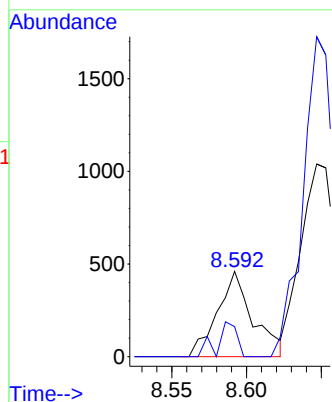
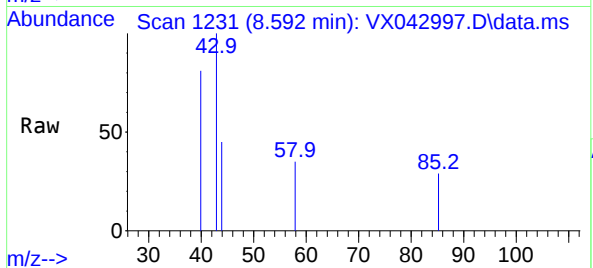




#51
4-Methyl-2-Pentanone
Concen: 0.270 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

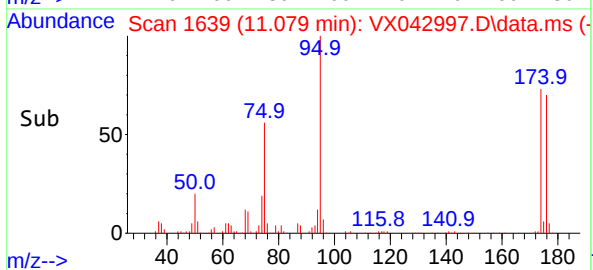
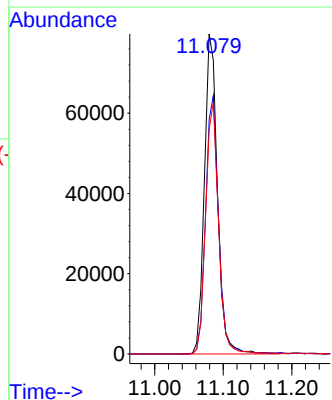
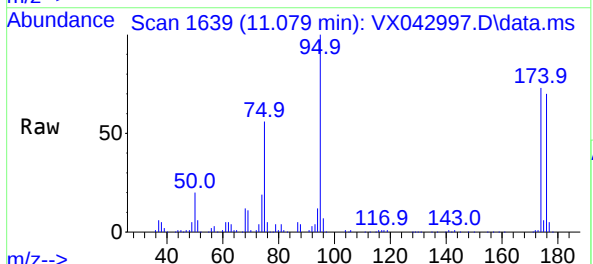
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

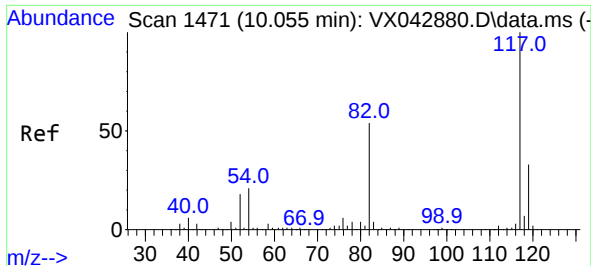
Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
58 22.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Tgt Ion: 95 Resp: 105819
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 77.9 0.0 131.0

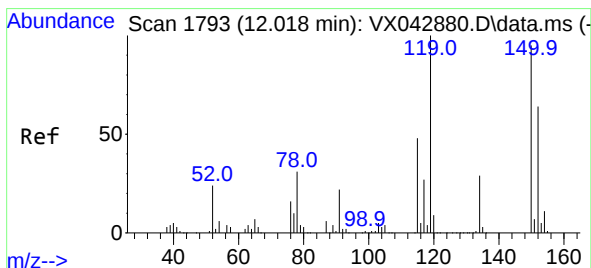
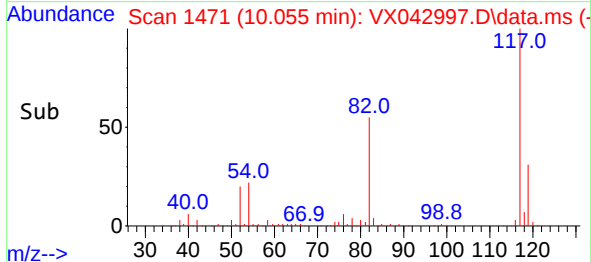
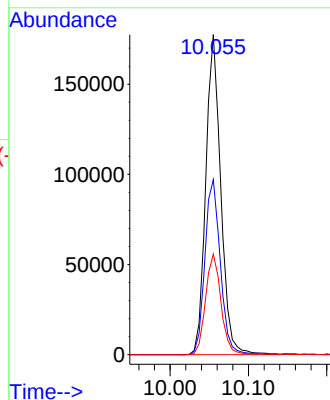
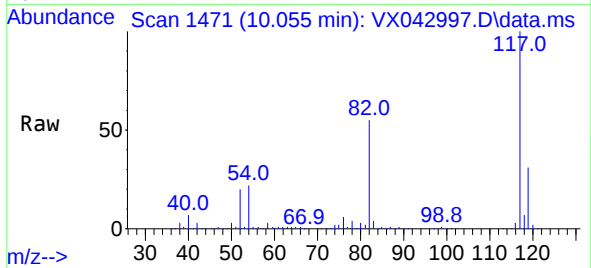




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

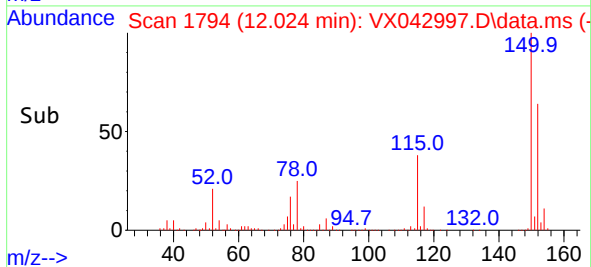
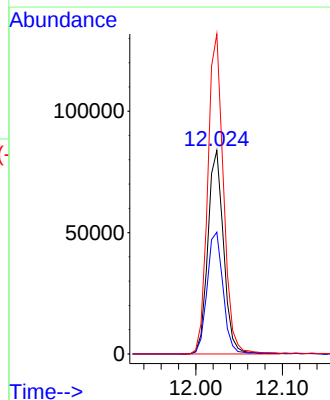
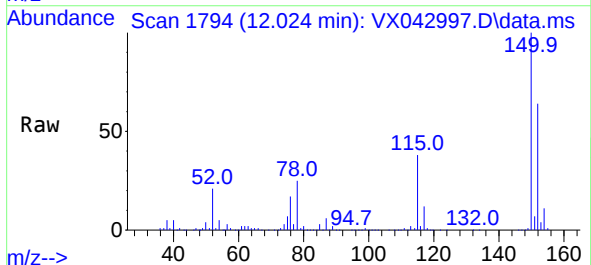
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

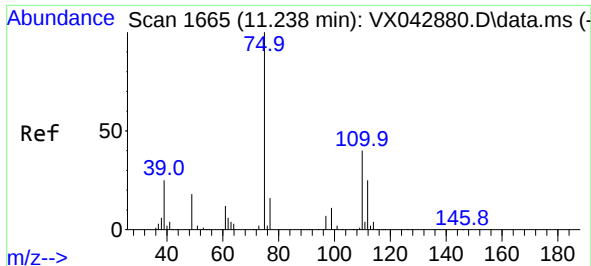
Tgt Ion:117 Resp: 235679
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Tgt Ion:152 Resp: 105964
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 156.4 0.0 345.0

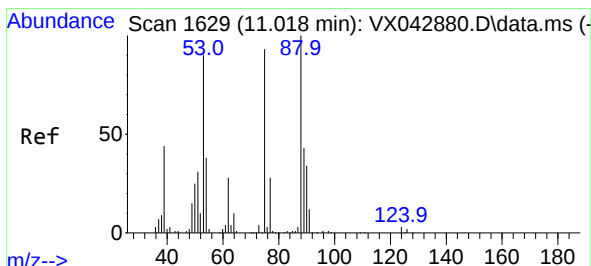
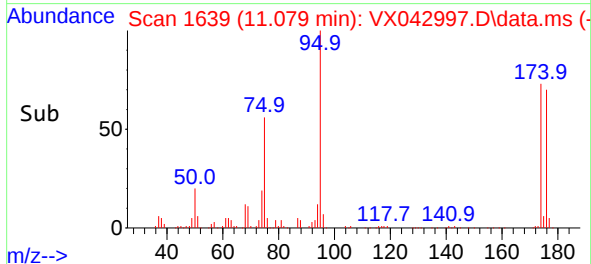
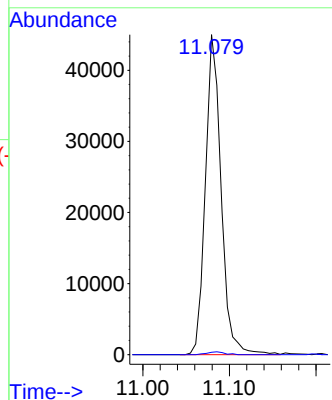
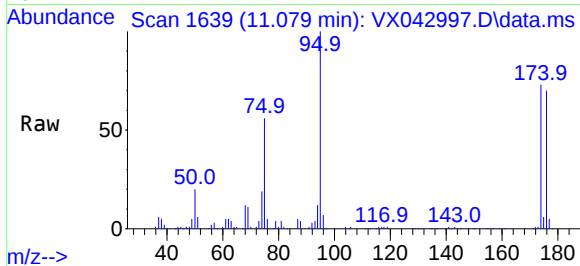




#76
1,2,3-Trichloropropane
Concen: 23.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

Tgt Ion: 75 Resp: 56846
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042997.D
Acq: 09 Aug 2024 15:27

Tgt Ion: 75 Resp: 56846
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

