

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035474.D
 Acq On : 02 May 2023 13:16
 Operator : JC/MD
 Sample : 02533-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01

Quant Time: May 03 03:15:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

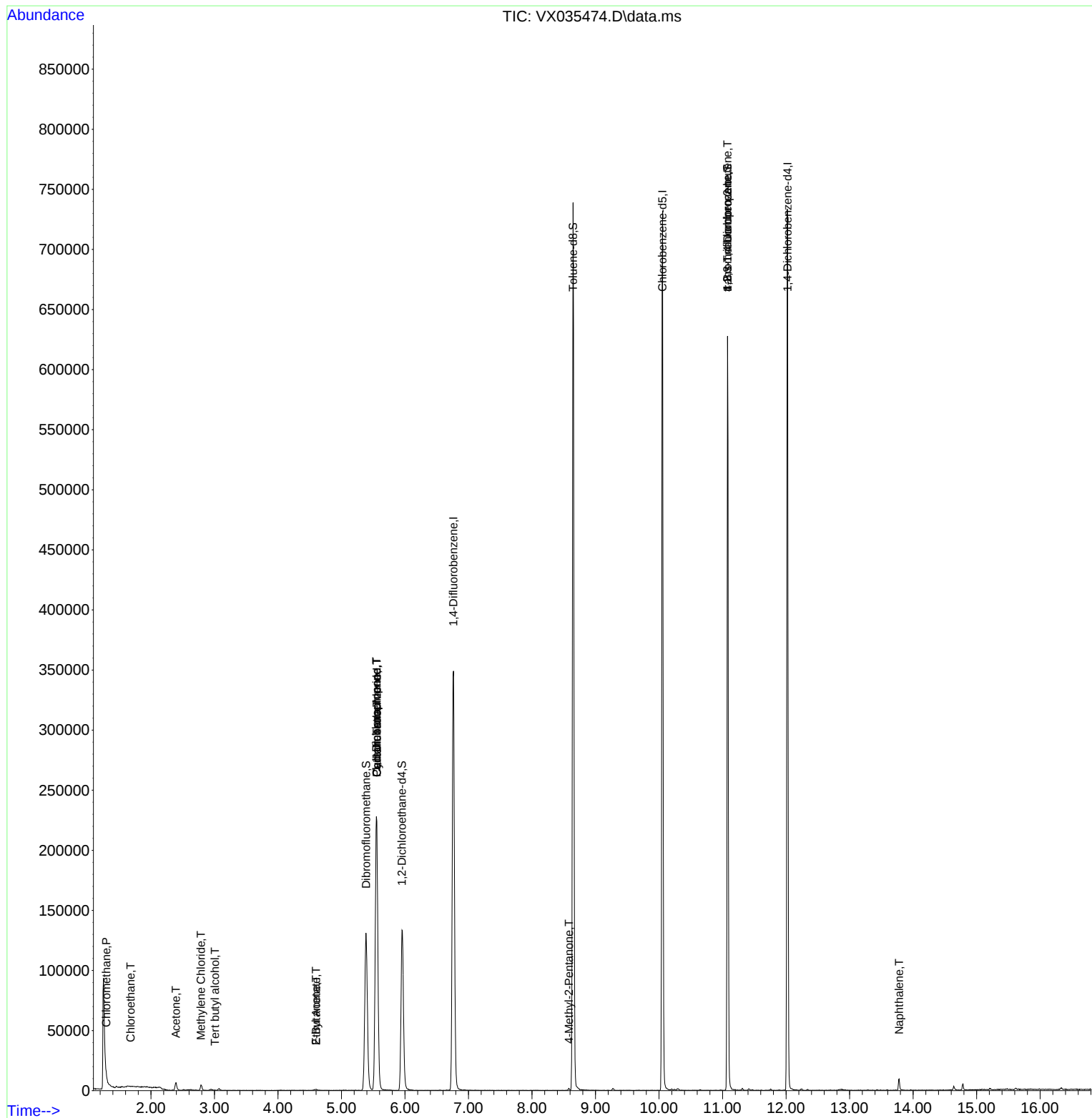
Internal Standards						
1) Pentafluorobenzene	5.556	168	228274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	375115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	132385	48.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.385	113	116508	50.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.200%		
50) Toluene-d8	8.647	98	435327	50.123	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.240%		
62) 4-Bromofluorobenzene	11.079	95	169009	51.729	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.460%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	807	0.367	ug/l #	42
6) Chloroethane	1.678	64	577	0.448	ug/l	93
11) Tert butyl alcohol	3.007	59	407	0.812	ug/l #	73
16) Acetone	2.392	43	8202	6.857	ug/l	94
20) Methylene Chloride	2.788	84	2221	0.810	ug/l	86
25) 2-Butanone	4.599	43	1554	0.890	ug/l #	82
31) Cyclohexane	5.556	56	3983	1.020	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	16691	4.643	ug/l #	49
37) Ethyl Acetate	4.599	43	1554	0.473	ug/l #	70
38) Carbon Tetrachloride	5.556	117	22285	6.530	ug/l #	14
51) 4-Methyl-2-Pentanone	8.580	43	1076	0.317	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	83036	25.575	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	83036	82.833	ug/l #	8
95) Naphthalene	13.780	128	7702	0.708	ug/l	99

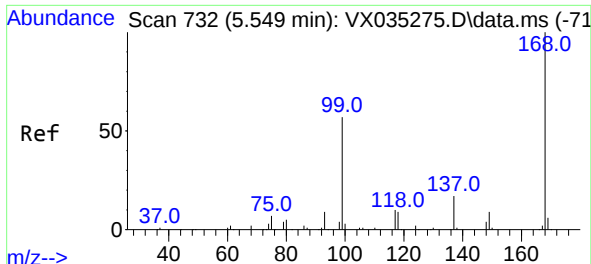
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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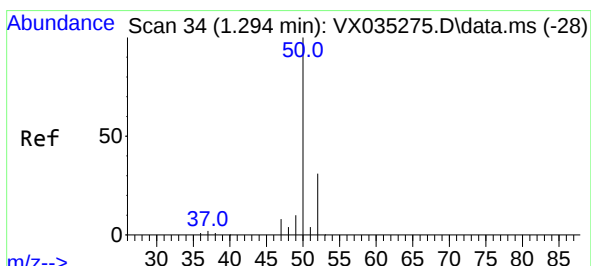
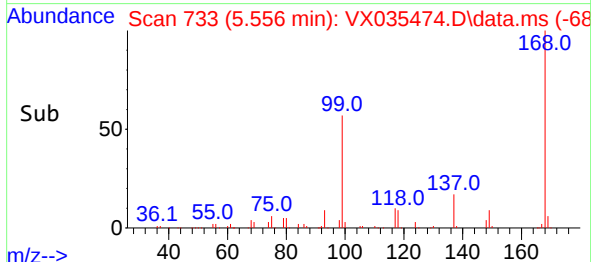
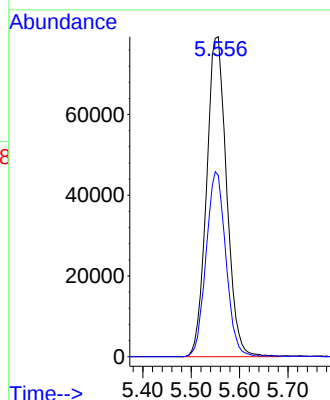
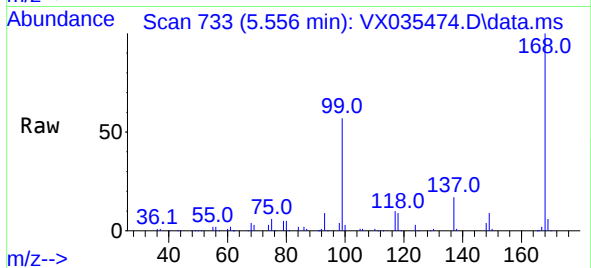




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

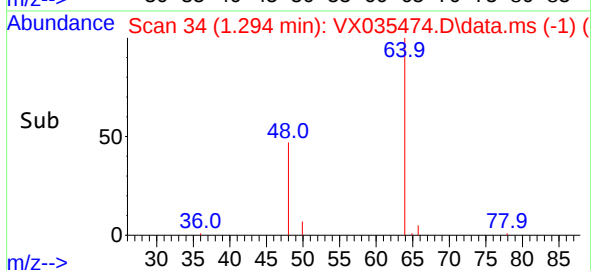
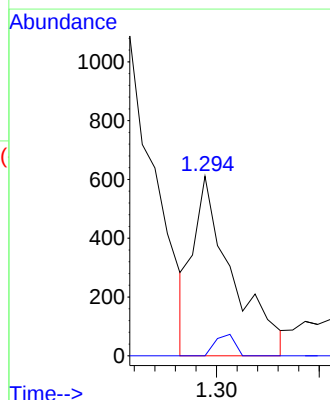
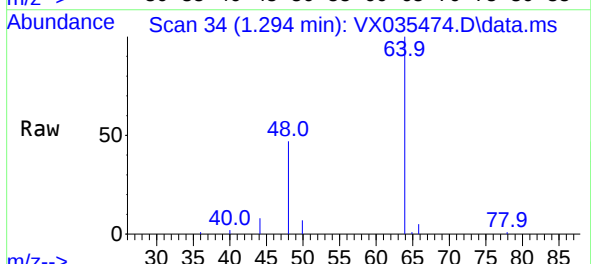
Instrument :
MSVOA_X
ClientSampleId :
EB-01

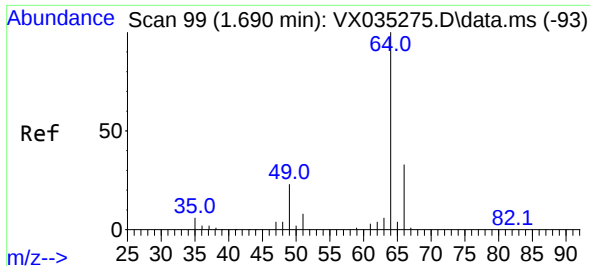
Tgt Ion:168 Resp: 228274
Ion Ratio Lower Upper
168 100
99 56.7 45.7 68.5



#3
Chloromethane
Concen: 0.367 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion: 50 Resp: 807
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

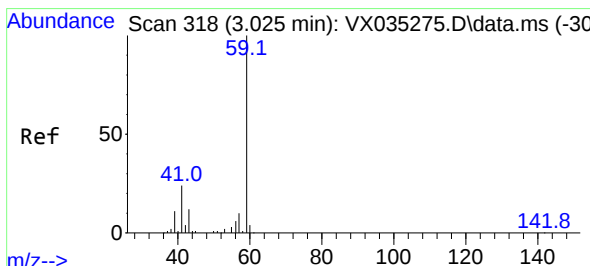
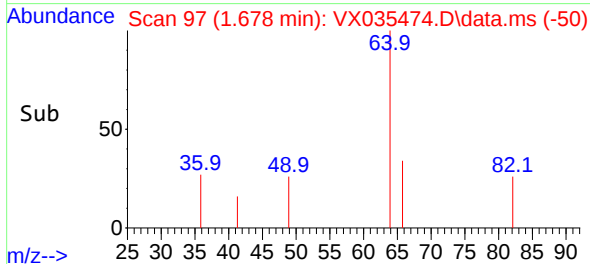
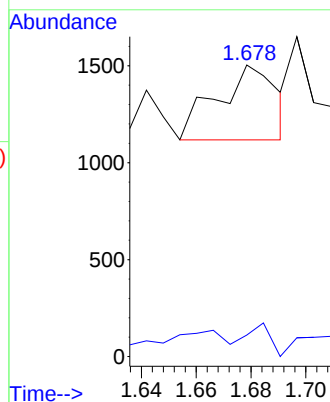
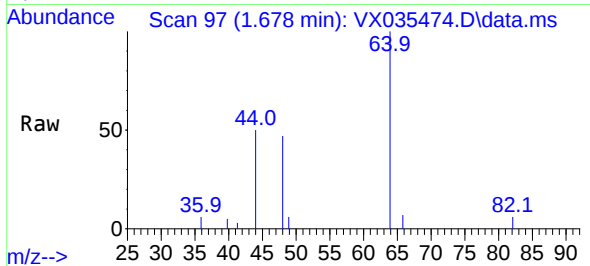




#6
Chloroethane
Concen: 0.448 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

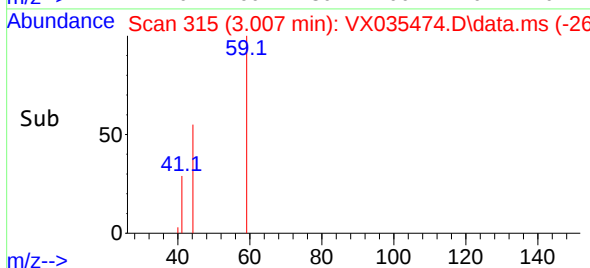
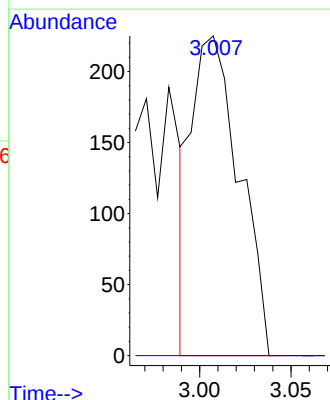
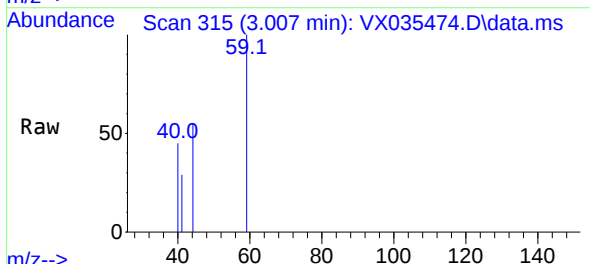
Instrument :
MSVOA_X
ClientSampleId :
EB-01

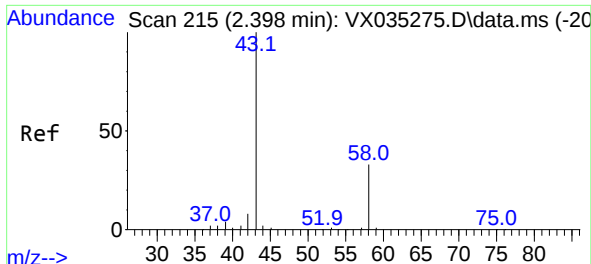
Tgt Ion: 64 Resp: 577
Ion Ratio Lower Upper
64 100
66 28.8 26.2 39.4



#11
Tert butyl alcohol
Concen: 0.812 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.018 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

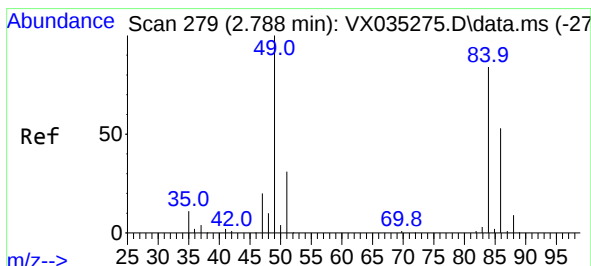
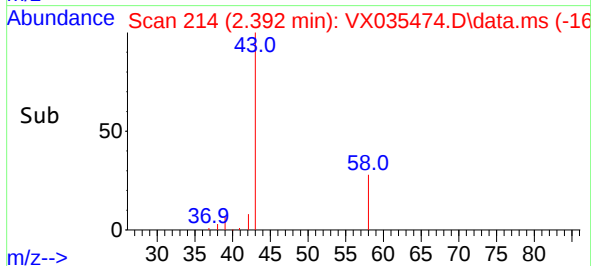
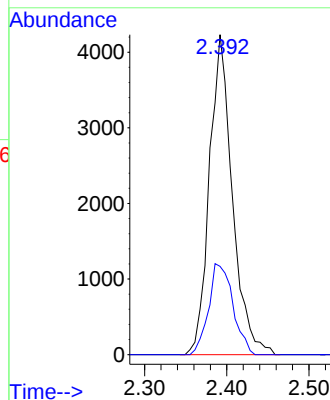
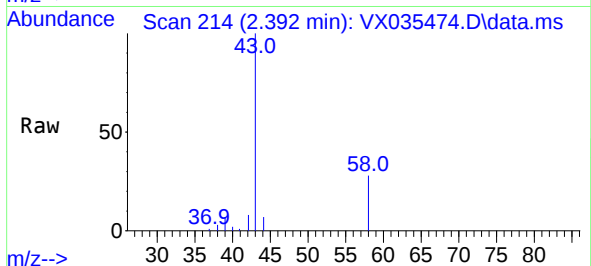




#16
Acetone
Concen: 6.857 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

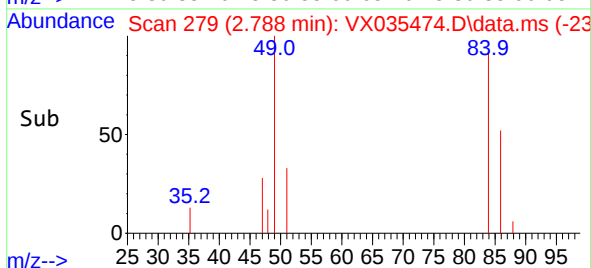
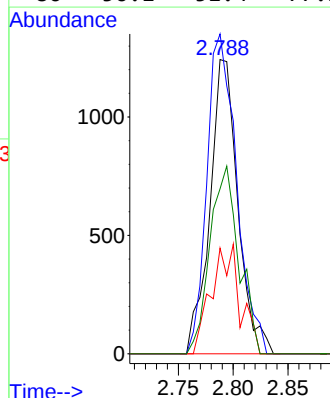
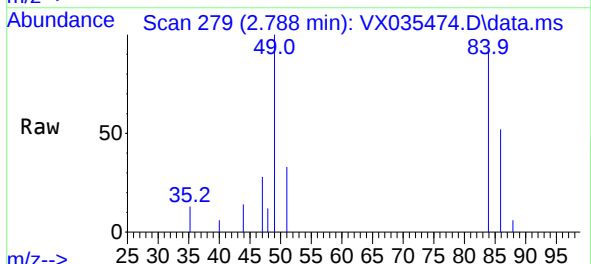
Instrument :
MSVOA_X
ClientSampleId :
EB-01

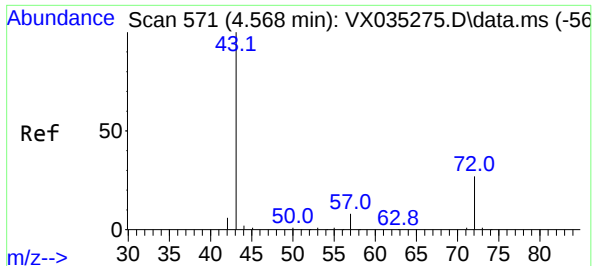
Tgt Ion: 43 Resp: 8202
Ion Ratio Lower Upper
43 100
58 27.6 24.7 37.1



#20
Methylene Chloride
Concen: 0.810 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion: 84 Resp: 2221
Ion Ratio Lower Upper
84 100
49 108.7 103.8 155.8
51 35.9 31.8 47.8
86 56.1 51.4 77.2

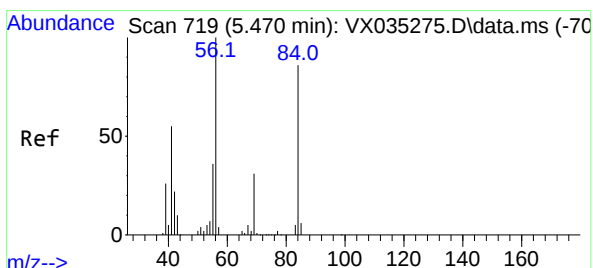
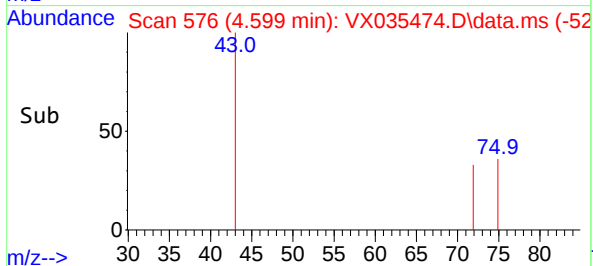
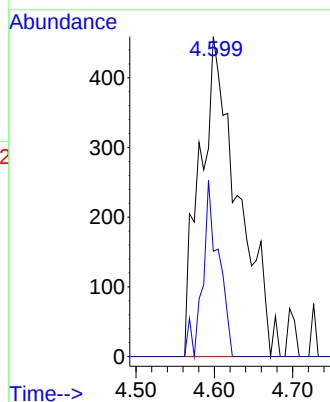
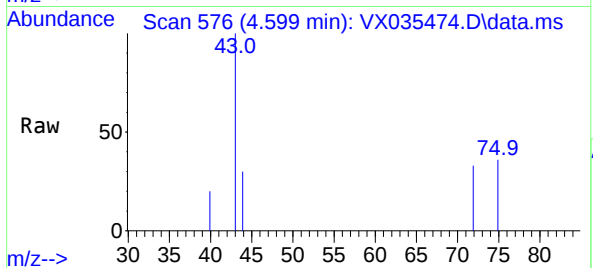




#25
2-Butanone
Concen: 0.890 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

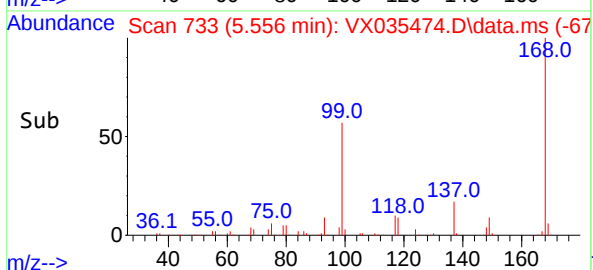
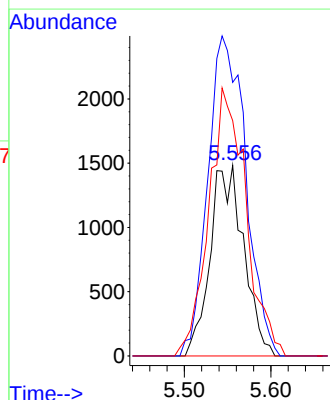
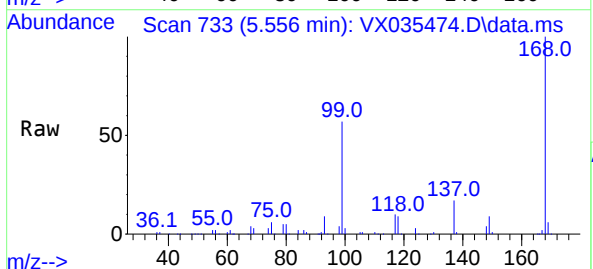
Instrument :
MSVOA_X
ClientSampleId :
EB-01

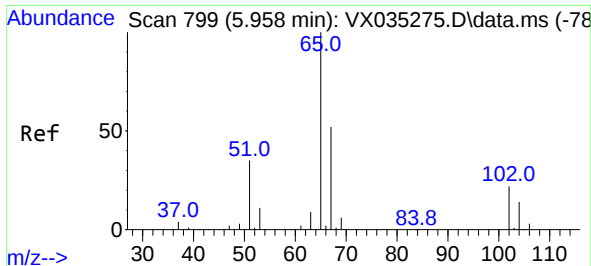
Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
72 32.9 19.3 28.9#



#31
Cyclohexane
Concen: 1.020 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion: 56 Resp: 3983
Ion Ratio Lower Upper
56 100
69 143.6 23.7 35.5#
84 119.1 68.5 102.7#

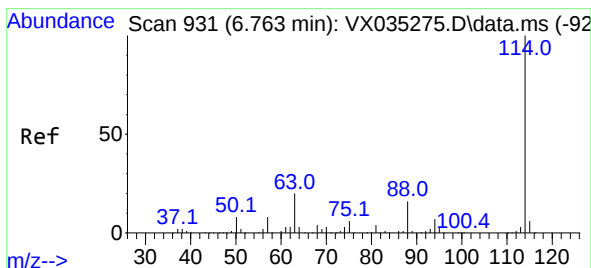
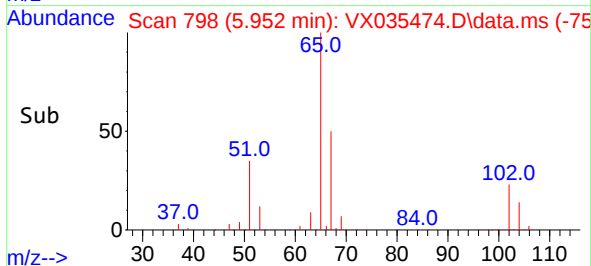
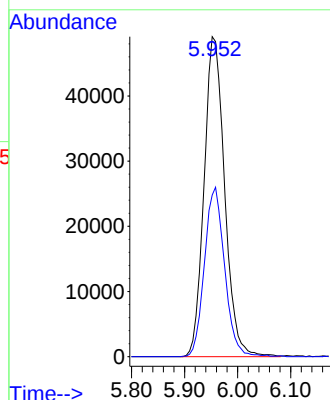
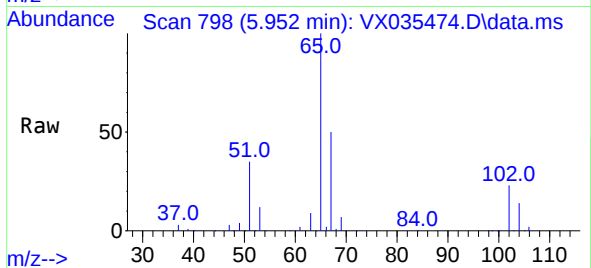




#33
1,2-Dichloroethane-d4
Concen: 48.070 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

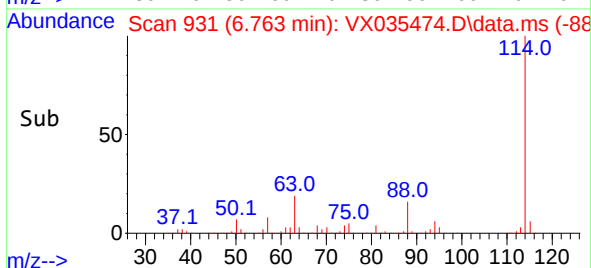
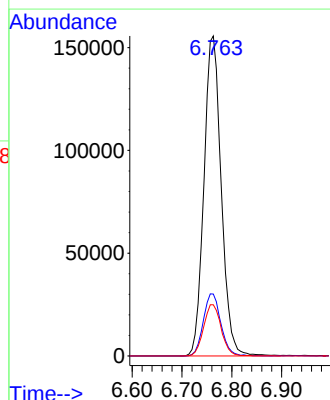
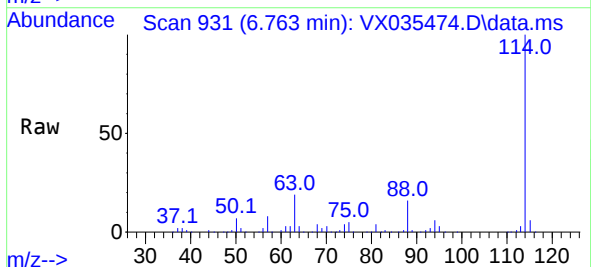
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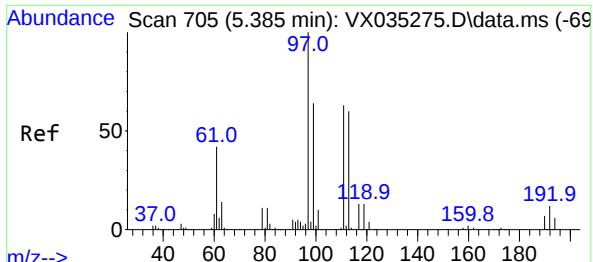
Tgt Ion: 65 Resp: 132385
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion: 114 Resp: 375115
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.2
88 16.0 0.0 33.2

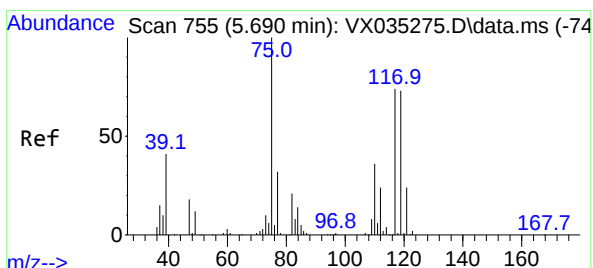
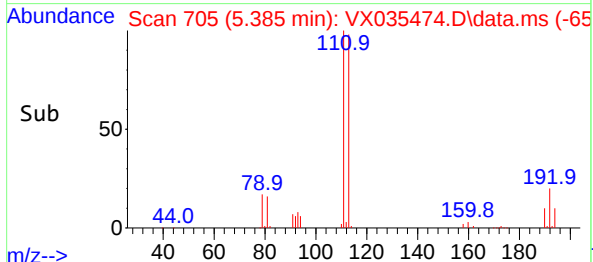
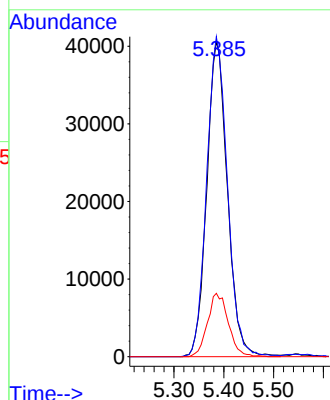
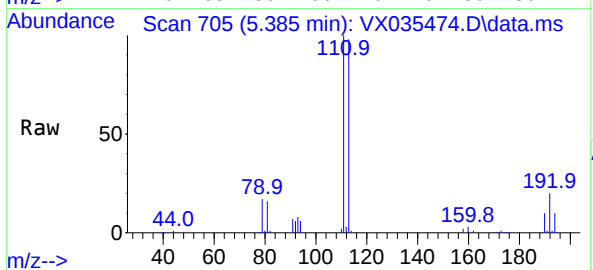




#35
Dibromofluoromethane
Concen: 50.604 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

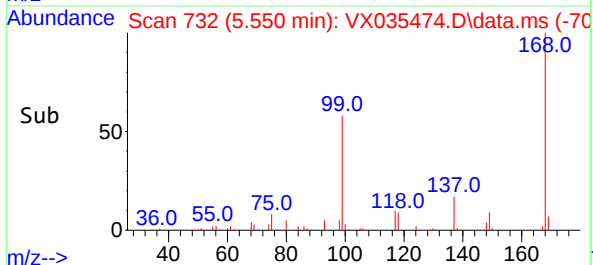
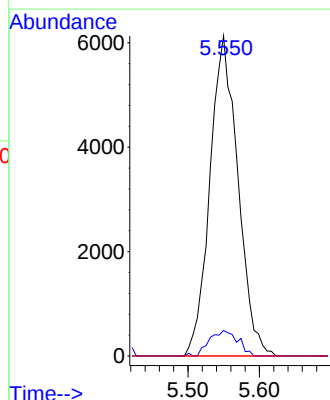
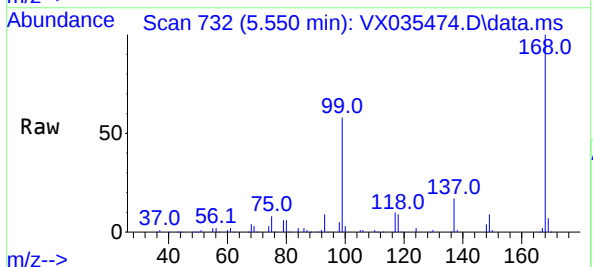
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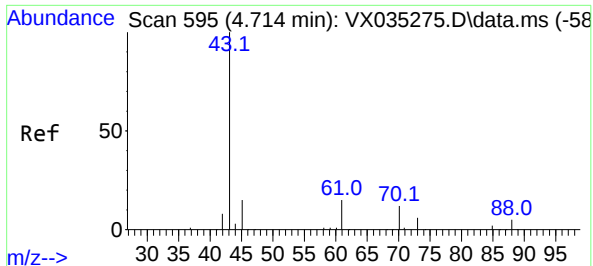
Tgt Ion:113 Resp: 116508
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 20.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.643 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion: 75 Resp: 16691
Ion Ratio Lower Upper
75 100
110 8.1 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 0.473 ug/l

RT: 4.599 min Scan# 51

Delta R.T. -0.115 min

Lab File: VX035474.D

Acq: 02 May 2023 13:16

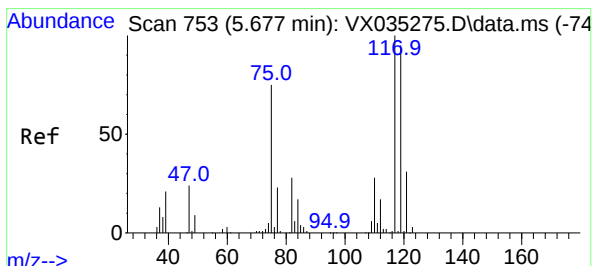
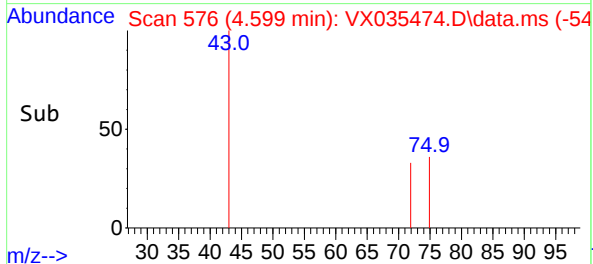
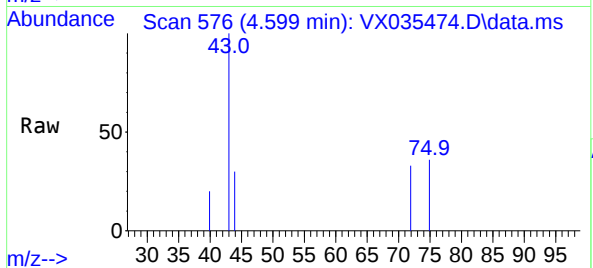
Instrument :

MSVOA_X

ClientSampleId :

EB-01

Tgt Ion:	43	Resp:	1554
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.4#
70	0.0	8.2	12.4#



#38

Carbon Tetrachloride

Concen: 6.530 ug/l

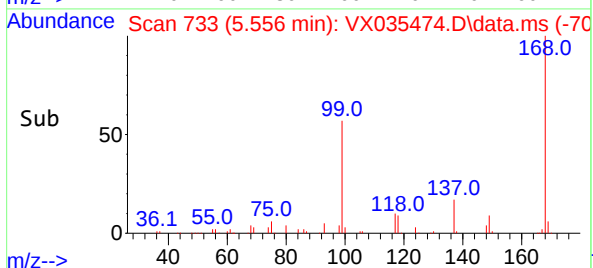
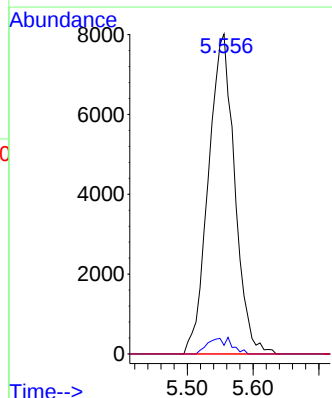
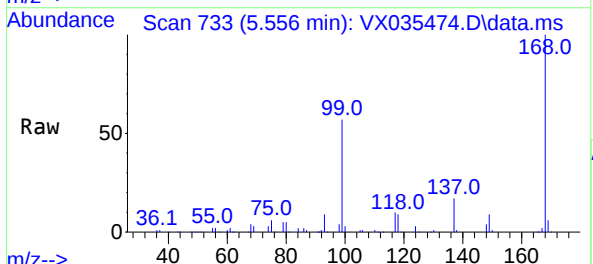
RT: 5.556 min Scan# 733

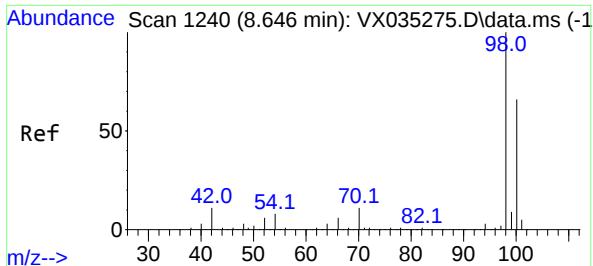
Delta R.T. -0.121 min

Lab File: VX035474.D

Acq: 02 May 2023 13:16

Tgt Ion:	117	Resp:	22285
Ion	Ratio	Lower	Upper
117	100		
119	2.7	76.6	114.8#
121	0.0	23.8	35.6#

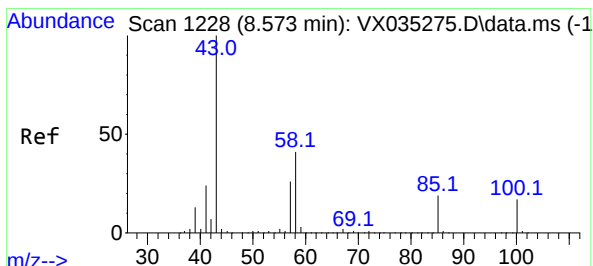
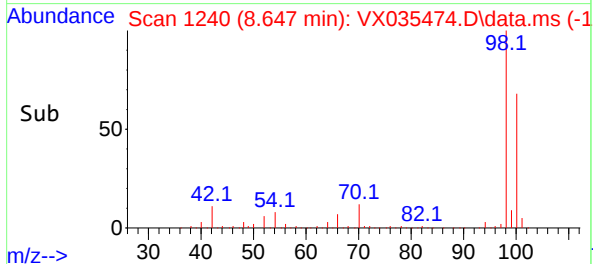
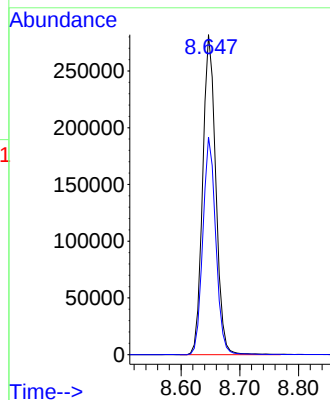
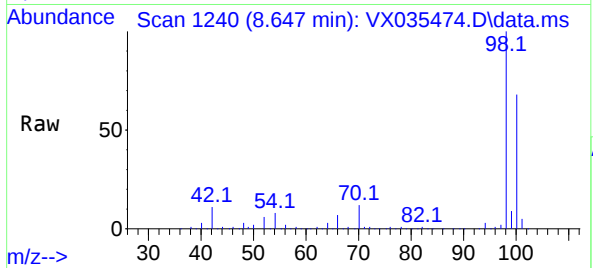




#50
Toluene-d8
Concen: 50.123 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

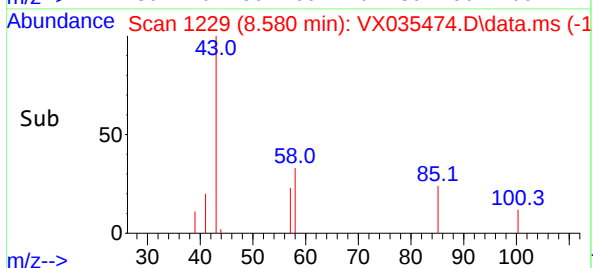
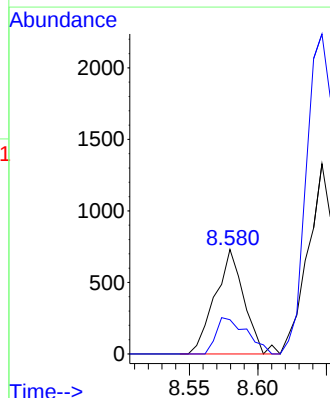
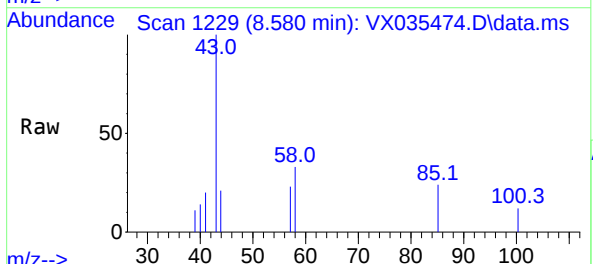
Instrument :
MSVOA_X
ClientSampleId :
EB-01

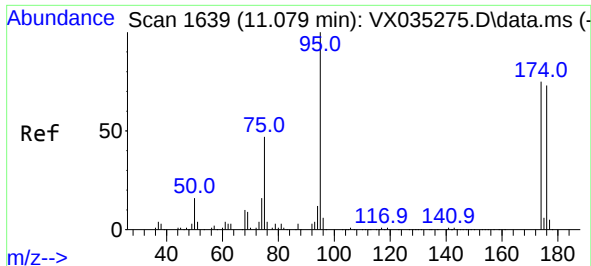
Tgt Ion: 98 Resp: 435327
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.317 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
58 36.6 30.6 46.0

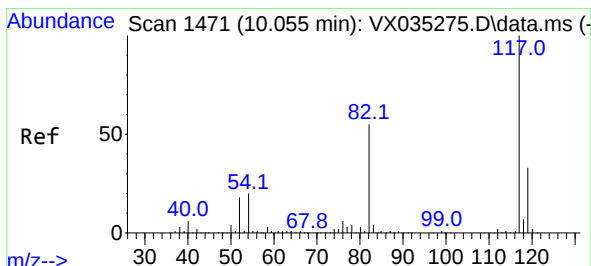
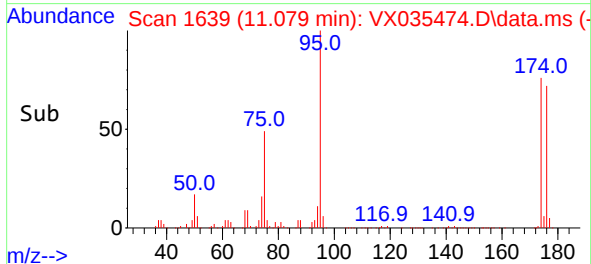
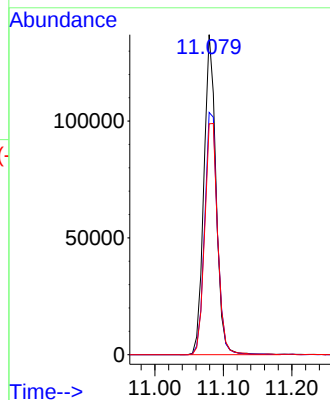
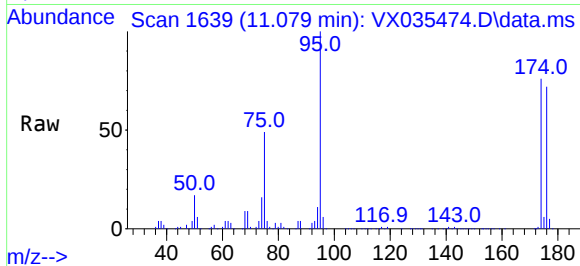




#62
4-Bromofluorobenzene
Concen: 51.729 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

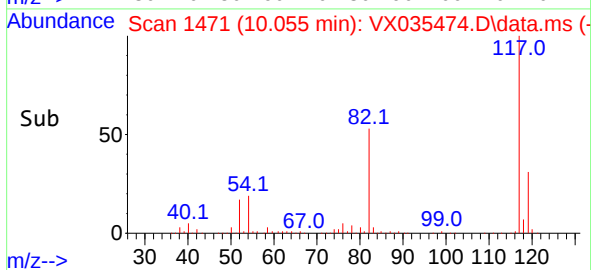
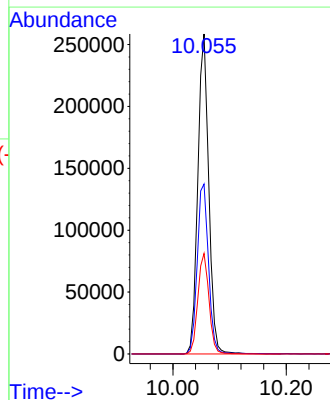
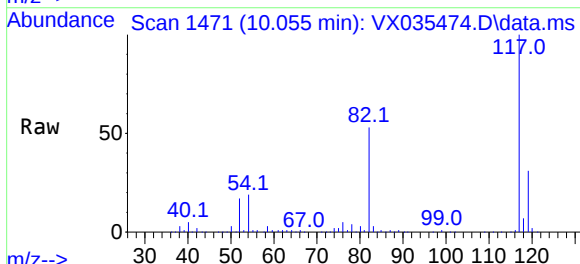
Instrument :
MSVOA_X
ClientSampleId :
EB-01

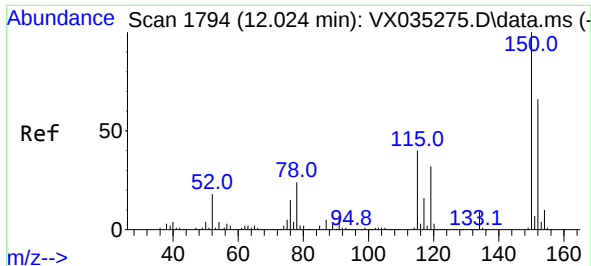
Tgt Ion: 95 Resp: 169009
Ion Ratio Lower Upper
95 100
174 80.1 0.0 147.4
176 77.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion: 117 Resp: 345281
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 31.4 26.0 39.0

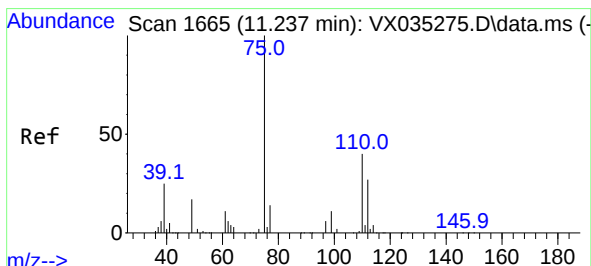
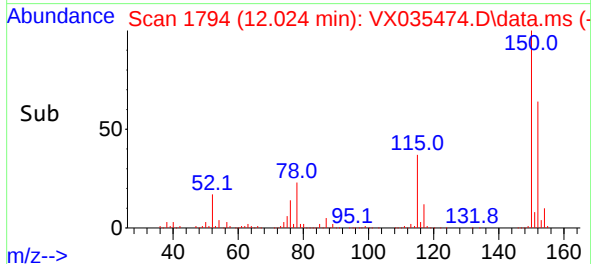
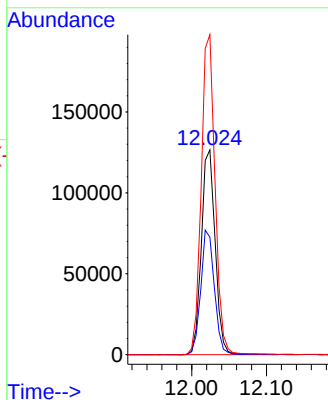
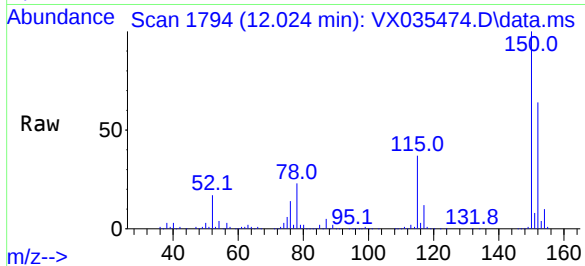




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

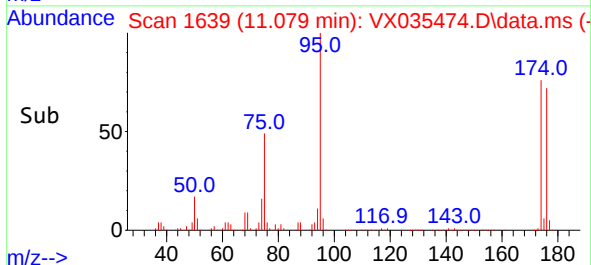
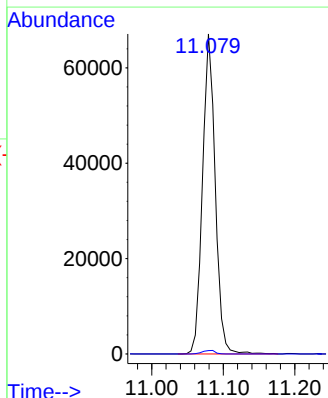
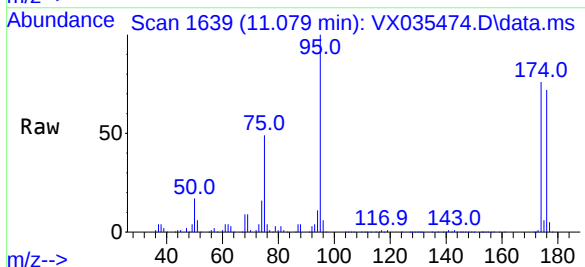
Instrument :
MSVOA_X
ClientSampleId :
EB-01

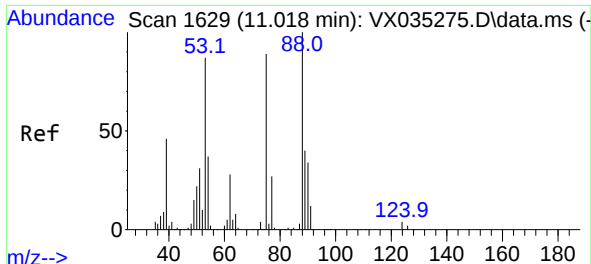
Tgt Ion:152 Resp: 162763
Ion Ratio Lower Upper
152 100
115 59.9 45.0 135.0
150 155.9 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion: 75 Resp: 83036
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#

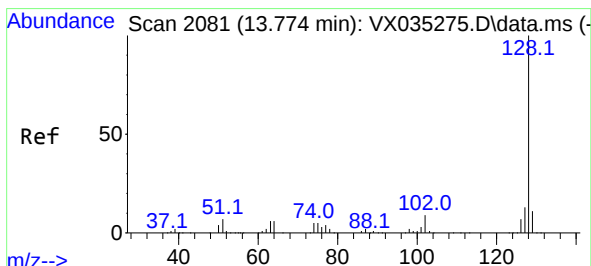
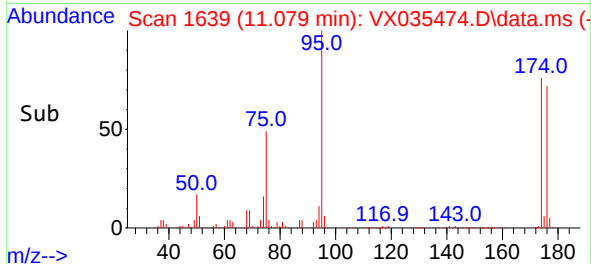
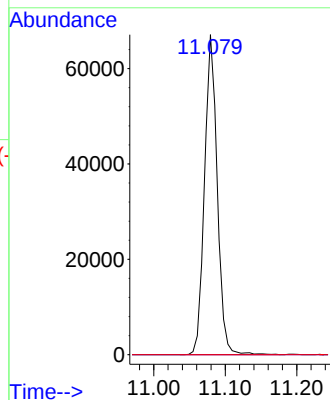
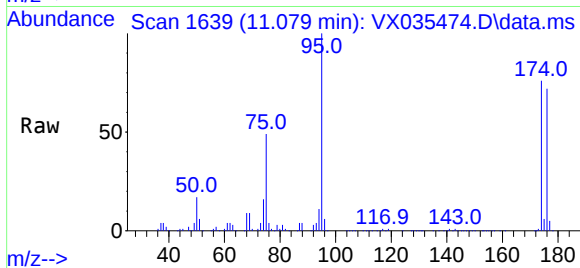




#81
trans-1,4-Dichloro-2-butene
Concen: 82.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Instrument :
MSVOA_X
ClientSampleId :
EB-01

Tgt Ion: 75 Resp: 83036
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.708 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035474.D
Acq: 02 May 2023 13:16

Tgt Ion:128 Resp: 7702
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.5 8.6 13.0

