

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035477.D
 Acq On : 02 May 2023 14:26
 Operator : JC/MD
 Sample : 02533-05 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-5I

Quant Time: May 03 03:15:58 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)

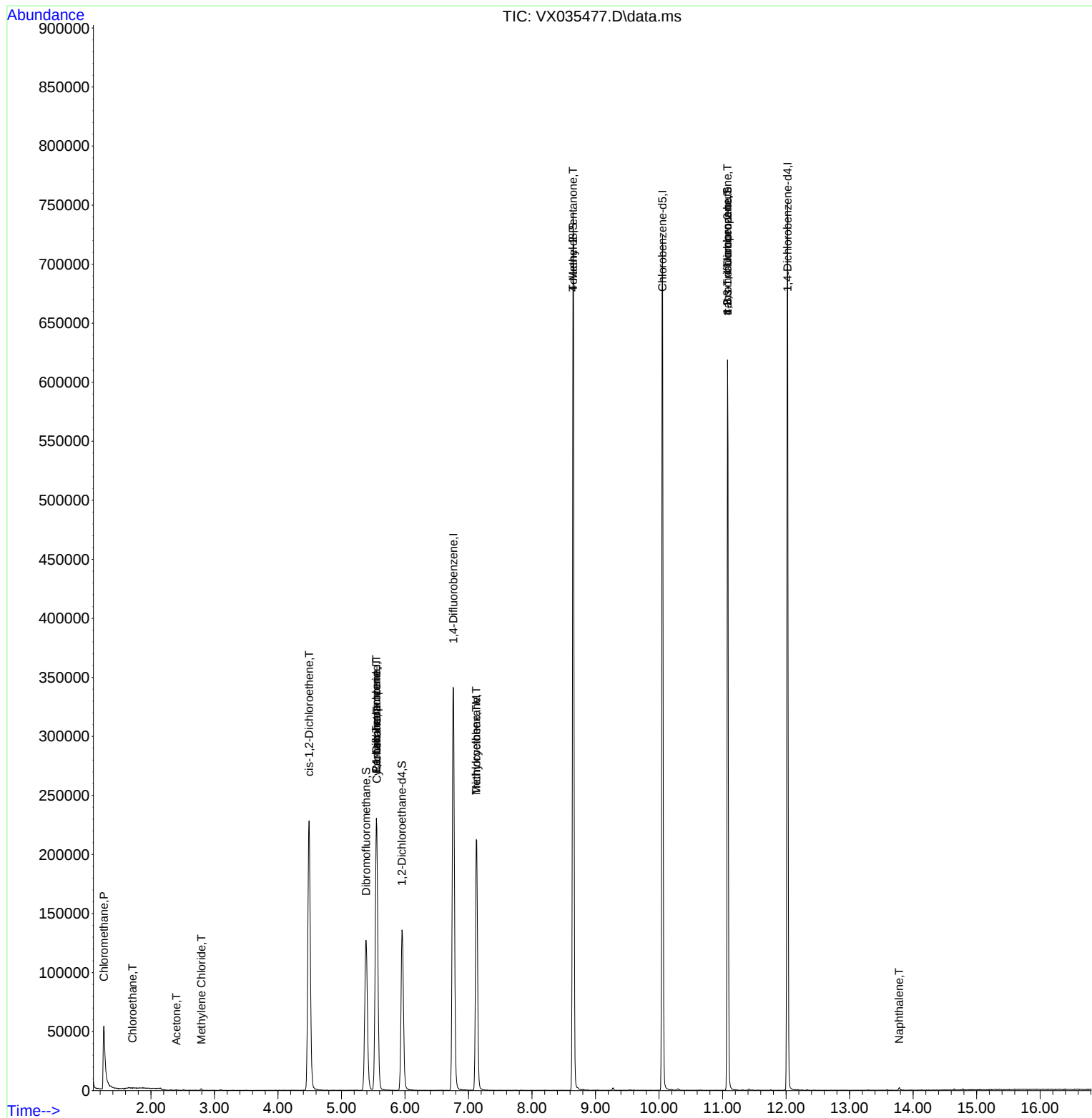
Internal Standards						
1) Pentafluorobenzene	5.550	168	228842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	134932	48.873	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.740%		
35) Dibromofluoromethane	5.385	113	115740	50.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.560%		
50) Toluene-d8	8.647	98	441599	51.362	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.720%		
62) 4-Bromofluorobenzene	11.079	95	169357	52.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.720%		
Target Compounds						Qvalue
3) Chloromethane	1.258	50	2255	1.024	ug/l #	42
6) Chloroethane	1.709	64	269	0.208	ug/l #	42
16) Acetone	2.398	43	294	0.245	ug/l #	77
20) Methylene Chloride	2.794	84	679	0.247	ug/l #	76
27) cis-1,2-Dichloroethene	4.489	96	149600	52.723	ug/l	86
31) Cyclohexane	5.556	56	3979	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16064	4.514	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21980	6.506	ug/l #	15
39) Methylcyclohexane	7.123	83	995	0.230	ug/l #	1
44) Trichloroethene	7.123	130	90542	32.194	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1836	0.547	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	83411	25.302	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	83411	81.947	ug/l #	8
95) Naphthalene	13.780	128	2304	0.209	ug/l #	92

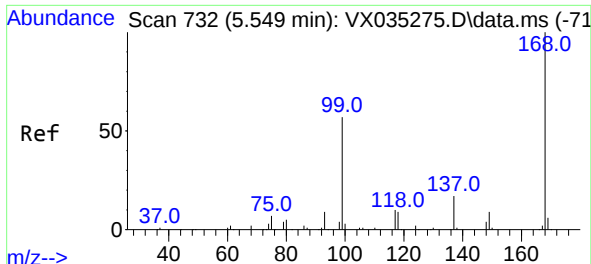
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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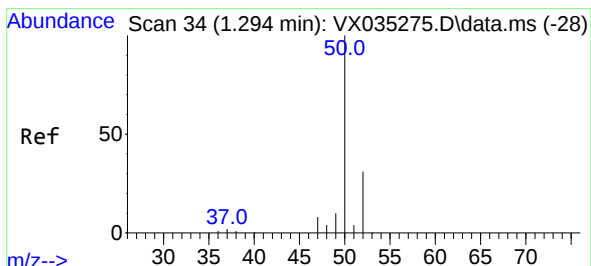
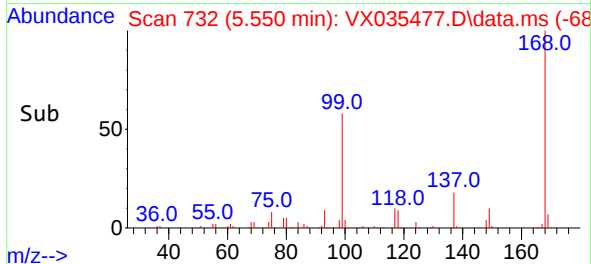
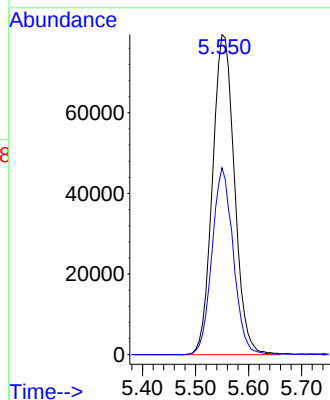
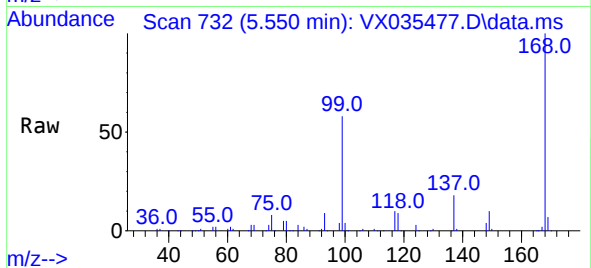




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

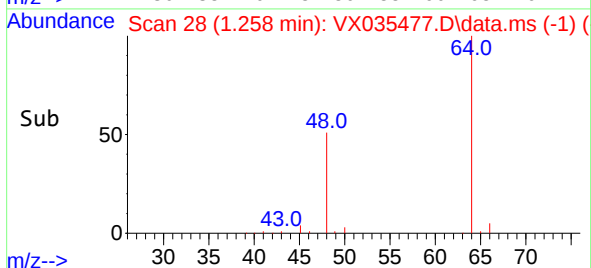
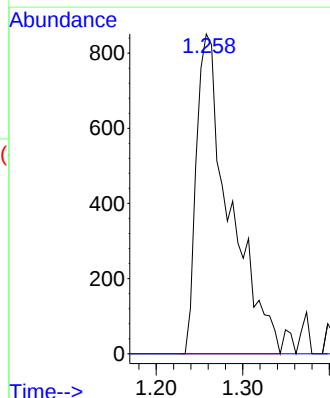
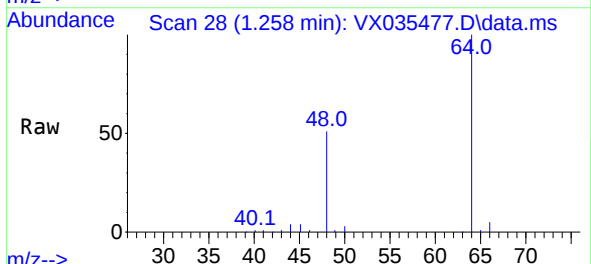
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

Tgt Ion:168 Resp: 228842
Ion Ratio Lower Upper
168 100
99 58.4 45.7 68.5

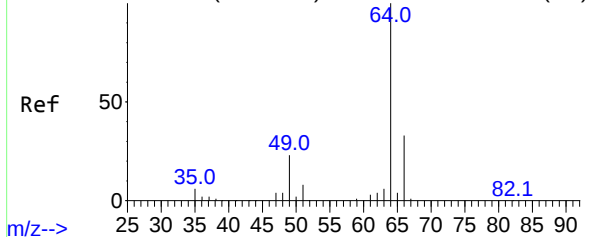


#3
Chloromethane
Concen: 1.024 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Tgt Ion: 50 Resp: 2255
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#



Abundance Scan 99 (1.690 min): VX035275.D\data.ms (-93)

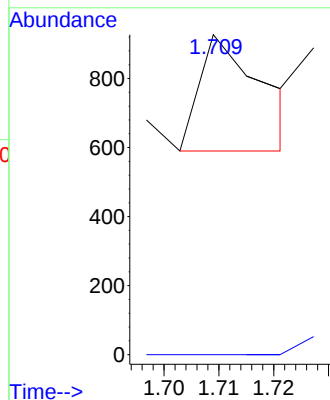
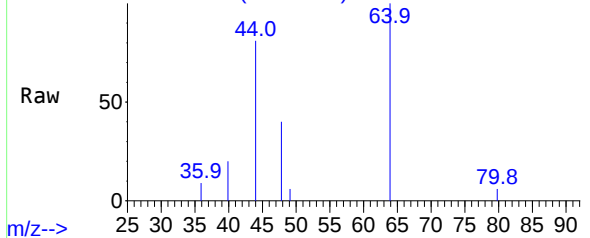


#6
Chloroethane
Concen: 0.208 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.019 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

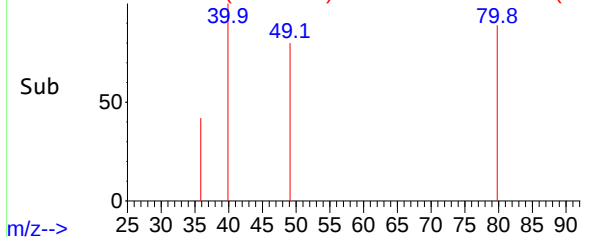
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

Tgt Ion: 64 Resp: 269
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

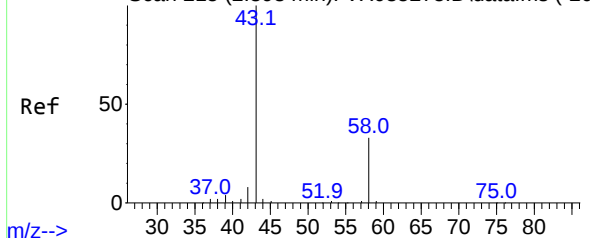
Abundance Scan 102 (1.709 min): VX035477.D\data.ms



Abundance Scan 102 (1.709 min): VX035477.D\data.ms (-50)



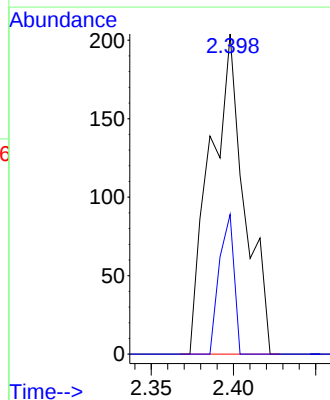
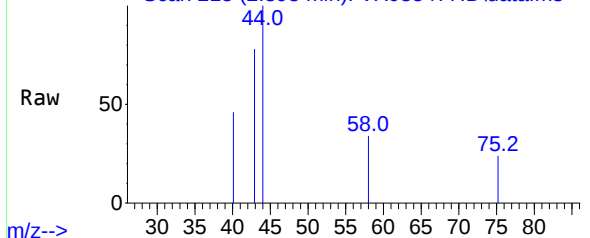
Abundance Scan 215 (2.398 min): VX035275.D\data.ms (-20)



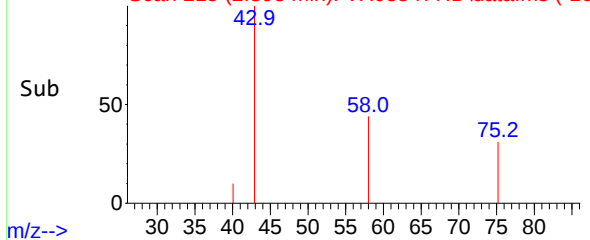
#16
Acetone
Concen: 0.245 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

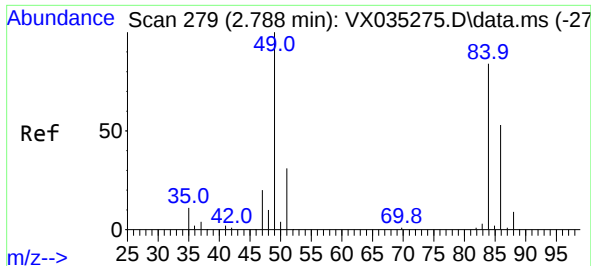
Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 43.6 24.7 37.1#

Abundance Scan 215 (2.398 min): VX035477.D\data.ms



Abundance Scan 215 (2.398 min): VX035477.D\data.ms (-16)





#20

Methylene Chloride

Concen: 0.247 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035477.D

Acq: 02 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

LEA-5I

Tgt Ion: 84 Resp: 679

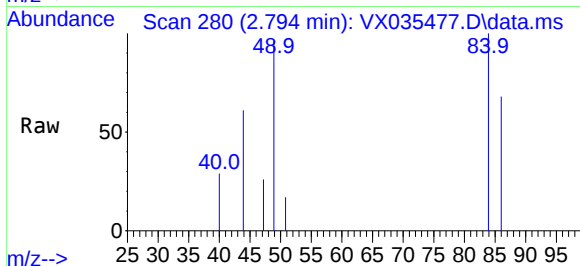
Ion Ratio Lower Upper

84 100

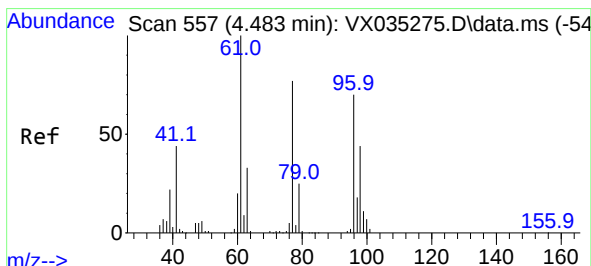
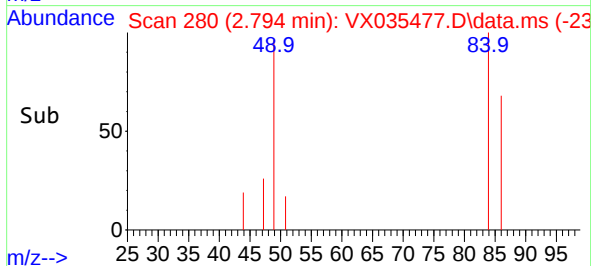
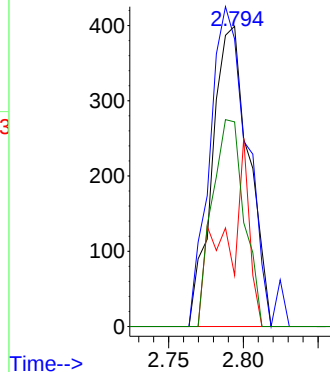
49 95.7 103.8 155.8#

51 17.0 31.8 47.8#

86 68.2 51.4 77.2



Abundance



#27

cis-1,2-Dichloroethene

Concen: 52.723 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX035477.D

Acq: 02 May 2023 14:26

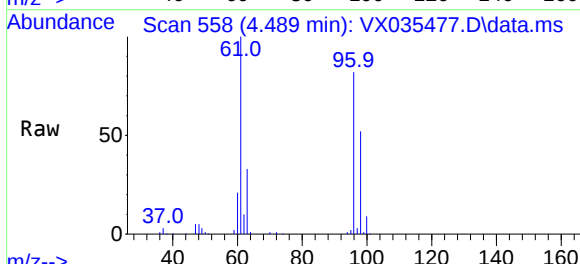
Tgt Ion: 96 Resp: 149600

Ion Ratio Lower Upper

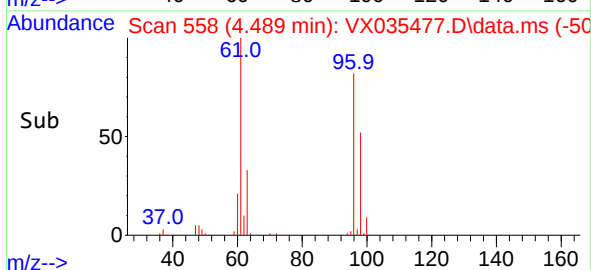
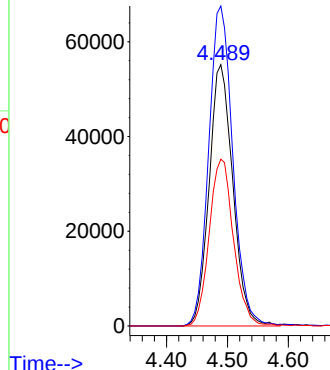
96 100

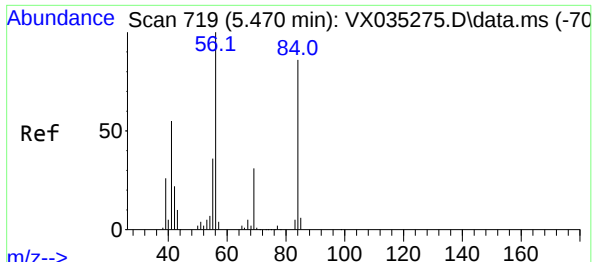
61 124.8 0.0 300.4

98 65.4 0.0 129.0



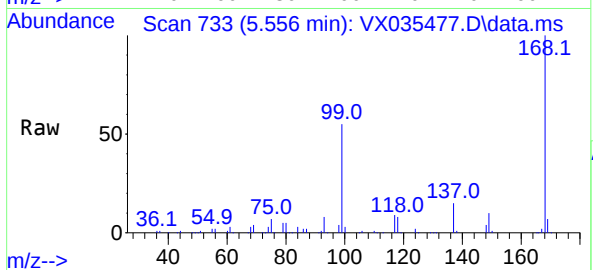
Abundance



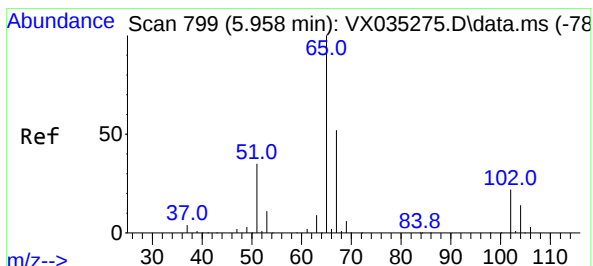
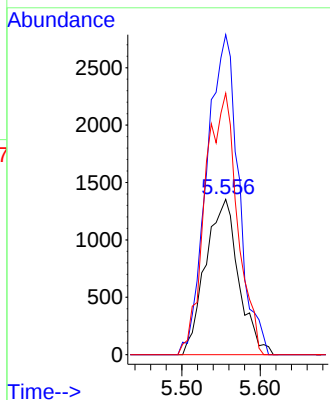
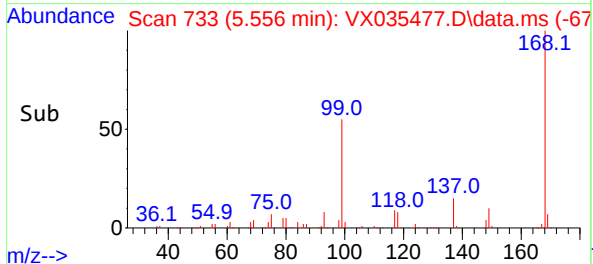


#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

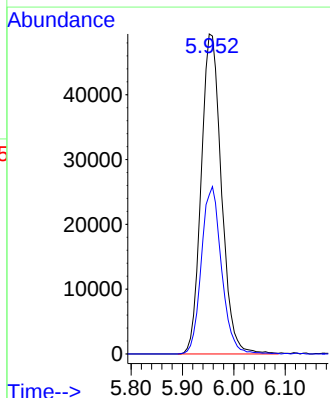
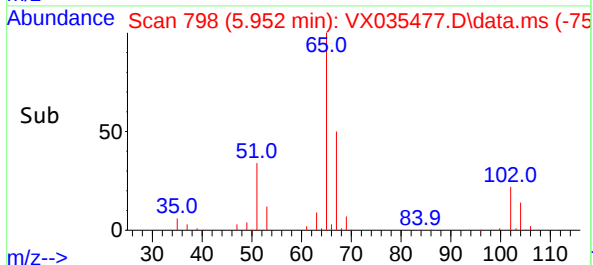
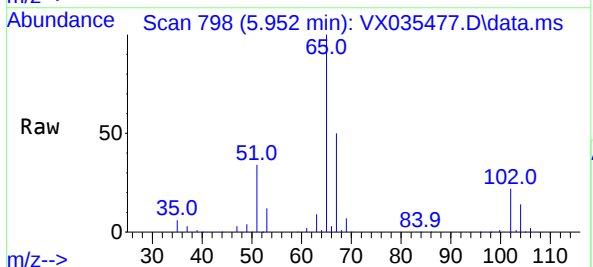


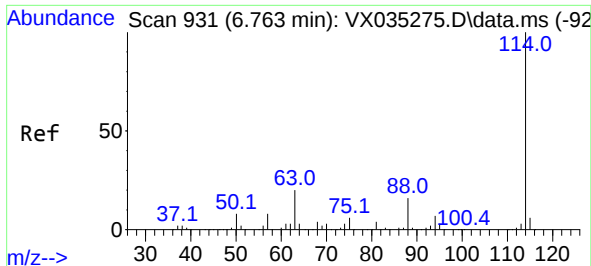
Tgt Ion: 56 Resp: 3979
Ion Ratio Lower Upper
56 100
69 205.9 23.7 35.5#
84 168.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.873 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Tgt Ion: 65 Resp: 134932
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

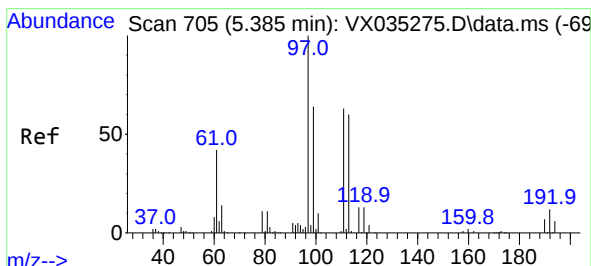
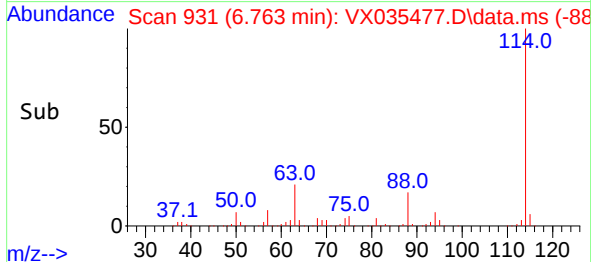
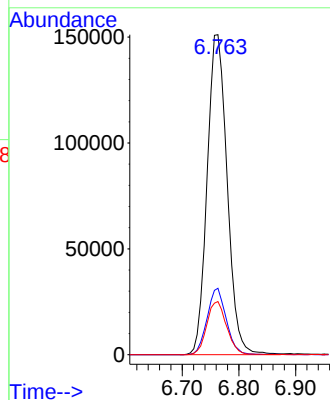
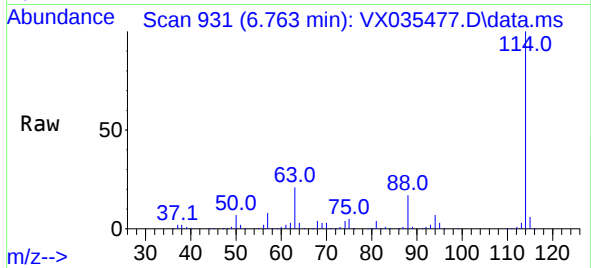




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

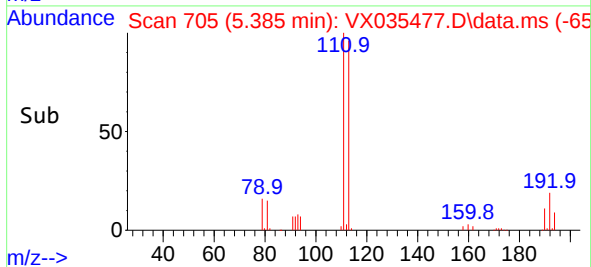
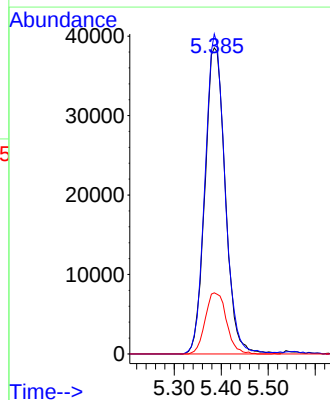
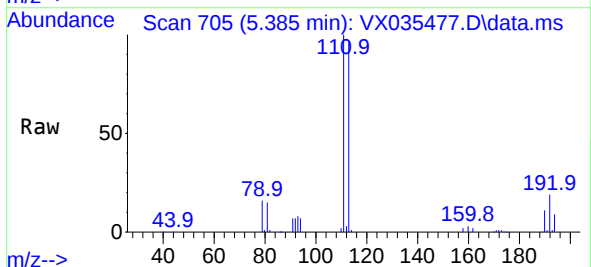
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

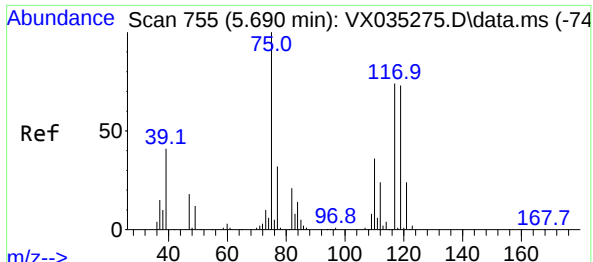
Tgt Ion:114 Resp: 371341
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.781 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Tgt Ion:113 Resp: 115740
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 20.8 15.4 23.2

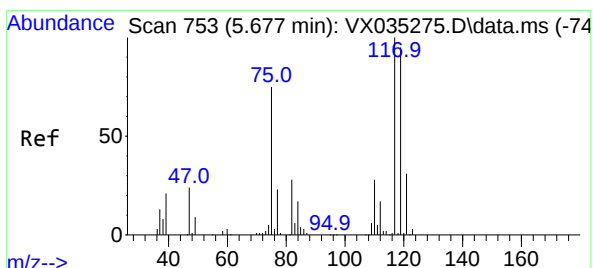
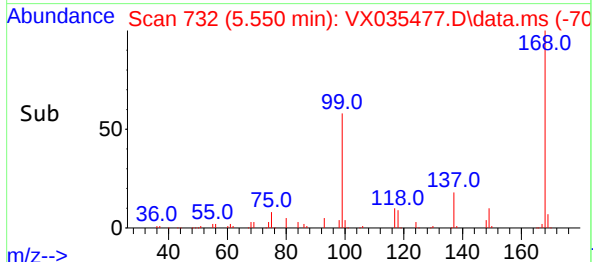
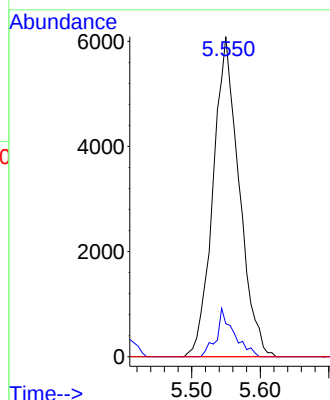
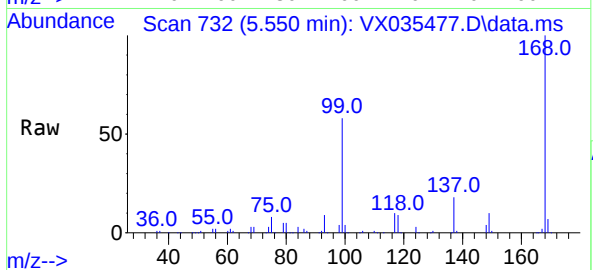




#36
1,1-Dichloropropene
Concen: 4.514 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

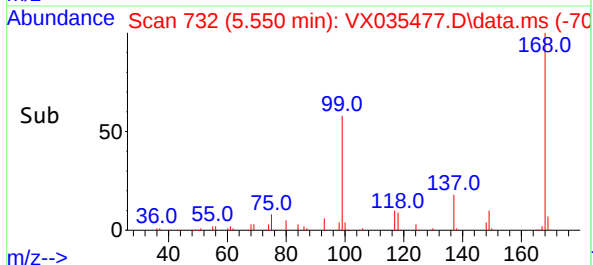
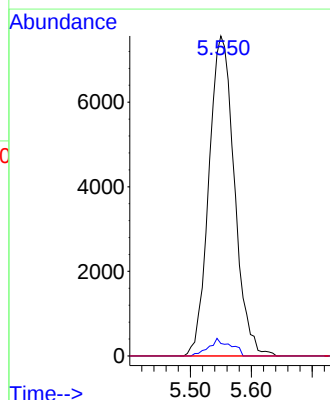
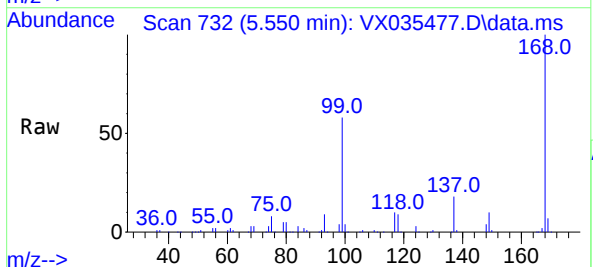
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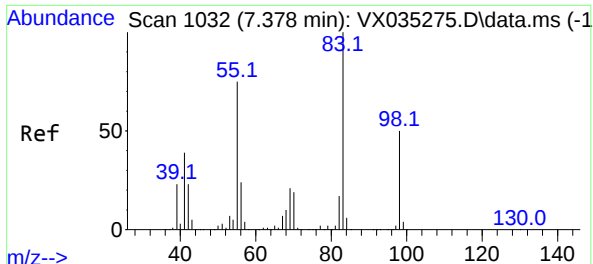
Tgt Ion: 75 Resp: 16064
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.506 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Tgt Ion: 117 Resp: 21980
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#

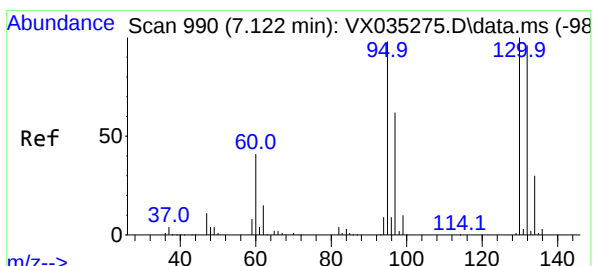
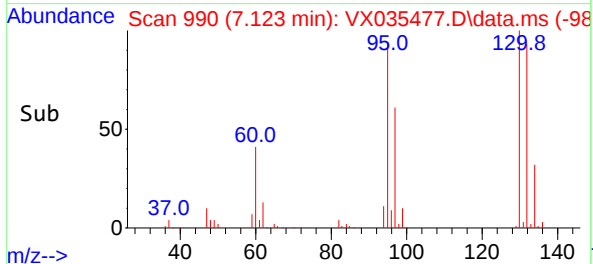
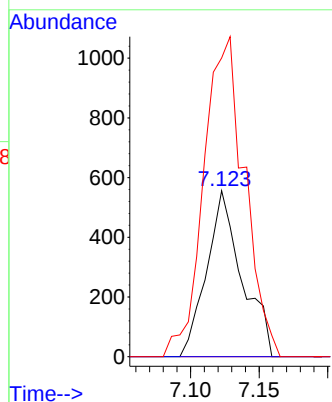
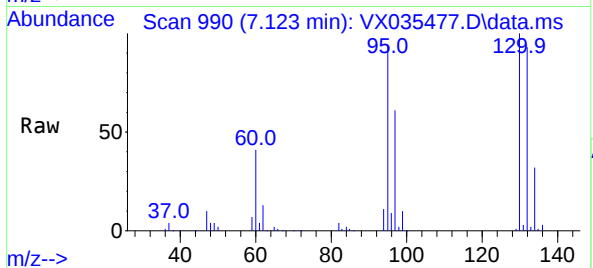




#39
Methylcyclohexane
Concen: 0.230 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.255 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

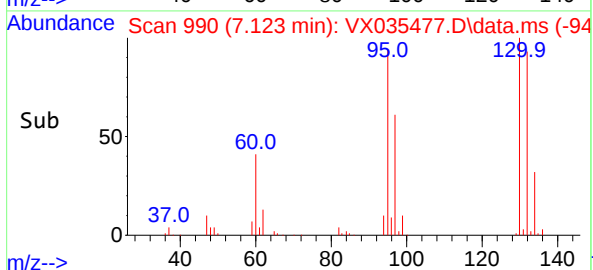
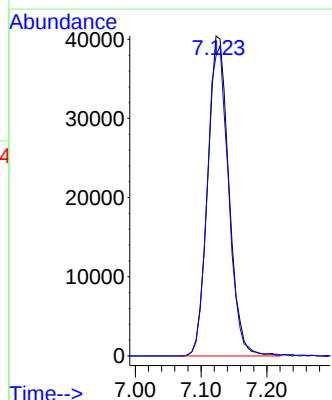
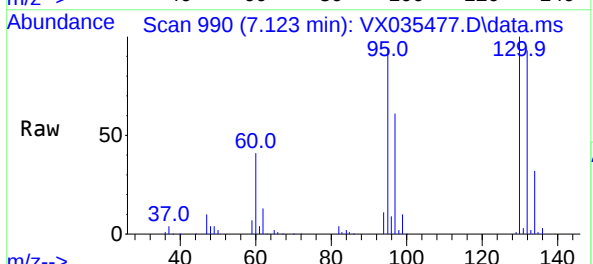
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

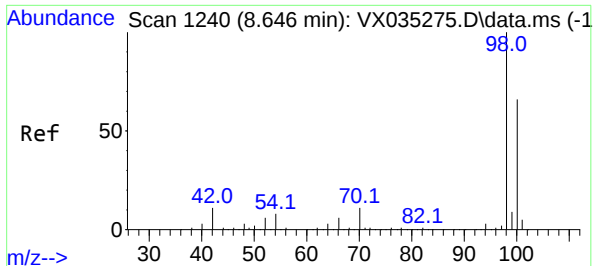
Tgt Ion: 83 Resp: 995
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 180.0 40.4 60.6#



#44
Trichloroethene
Concen: 32.194 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Tgt Ion:130 Resp: 90542
Ion Ratio Lower Upper
130 100
95 93.8 0.0 198.4





#50

Toluene-d8

Concen: 51.362 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035477.D

Acq: 02 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

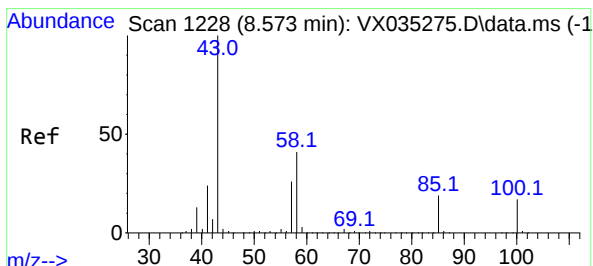
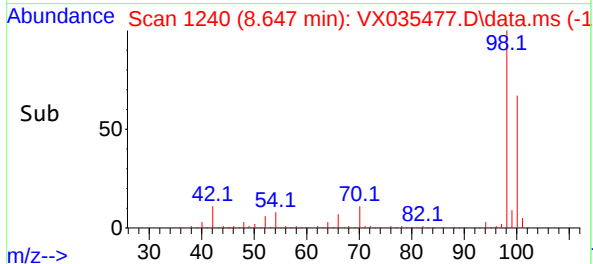
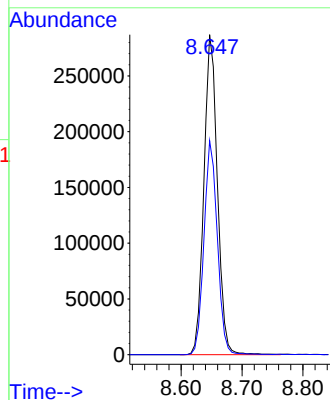
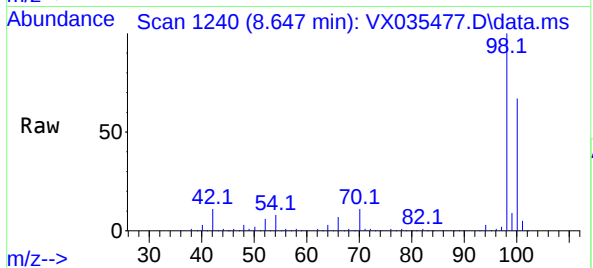
LEA-5I

Tgt Ion: 98 Resp: 441599

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.547 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035477.D

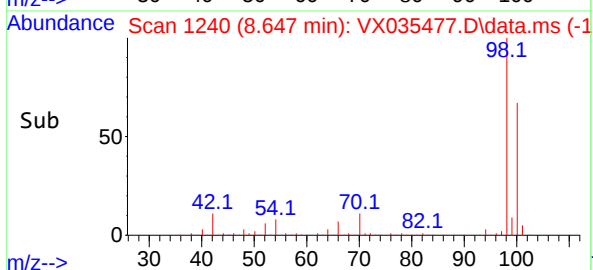
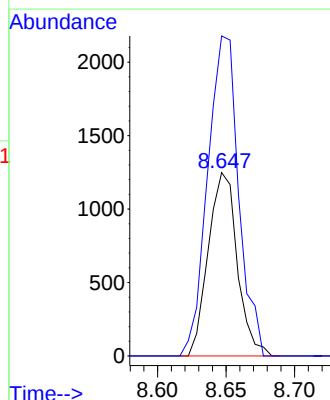
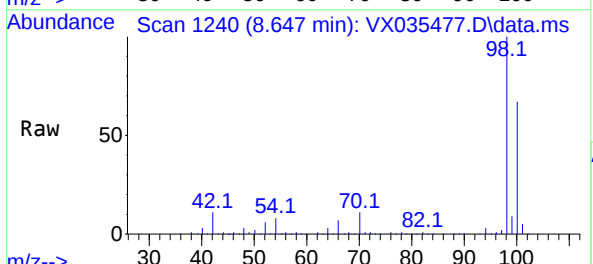
Acq: 02 May 2023 14:26

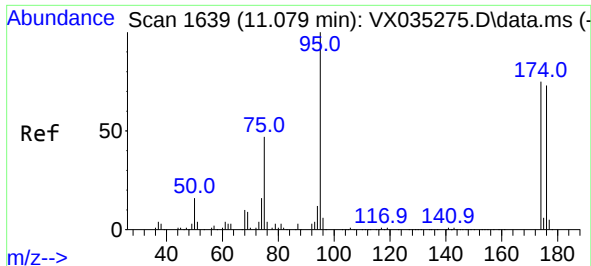
Tgt Ion: 43 Resp: 1836

Ion Ratio Lower Upper

43 100

58 186.8 30.6 46.0#

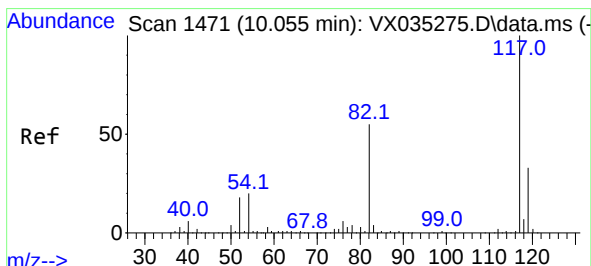
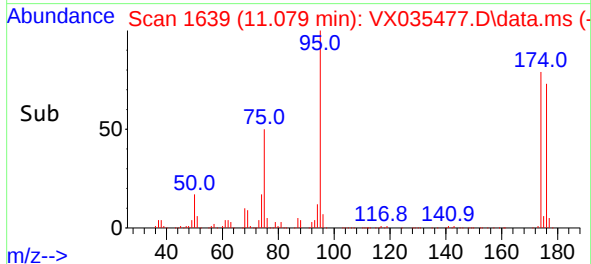
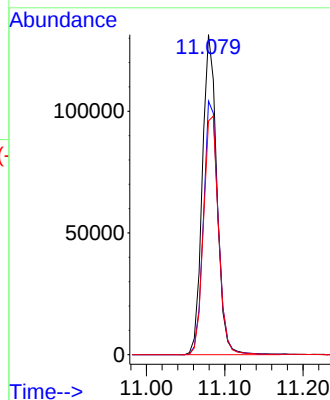
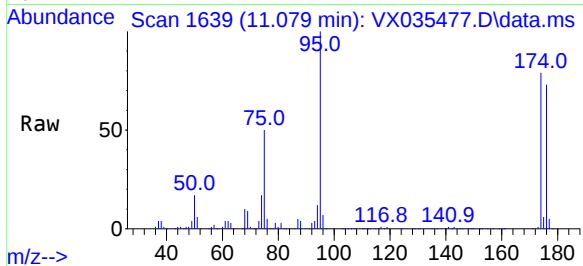




#62
4-Bromofluorobenzene
Concen: 52.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

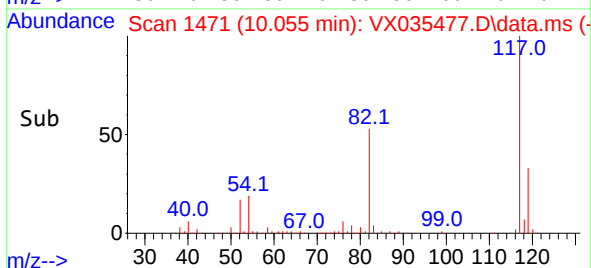
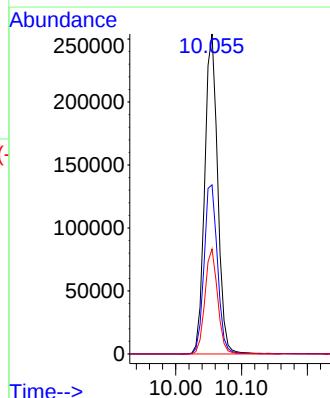
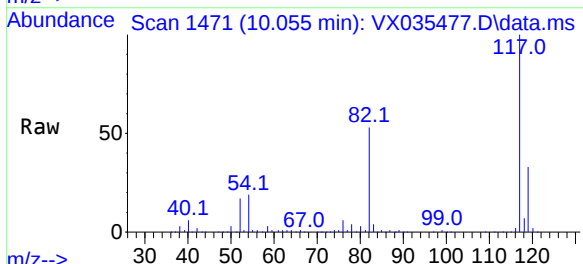
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

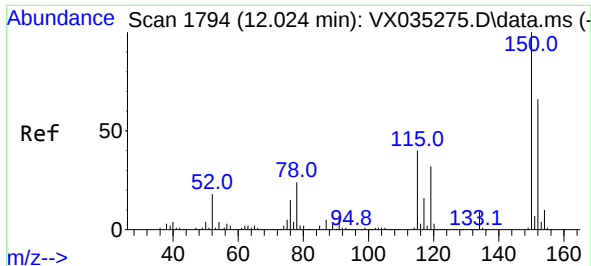
Tgt Ion: 95 Resp: 169357
Ion Ratio Lower Upper
95 100
174 80.5 0.0 147.4
176 77.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Tgt Ion: 117 Resp: 348986
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 32.8 26.0 39.0

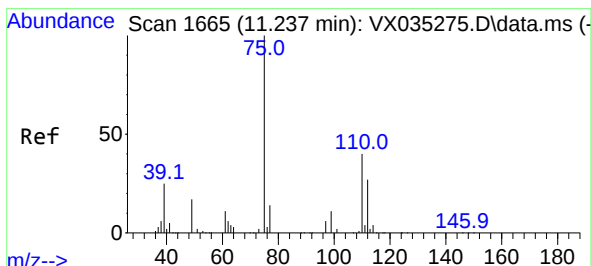
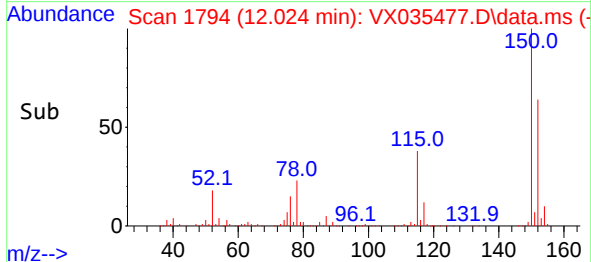
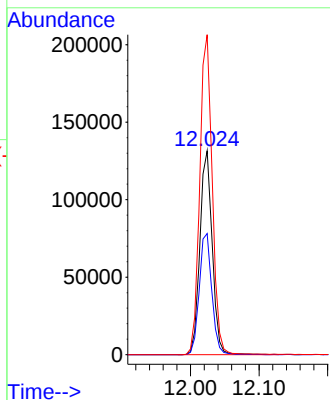
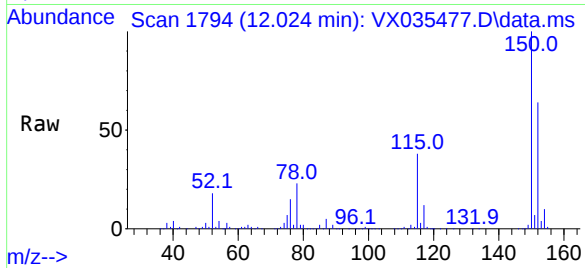




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

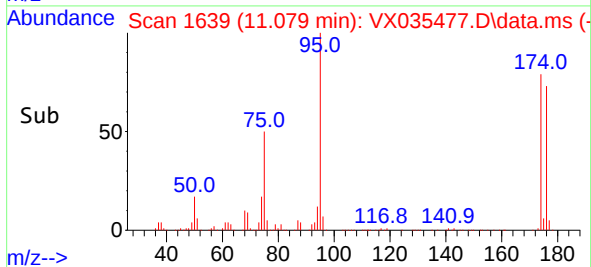
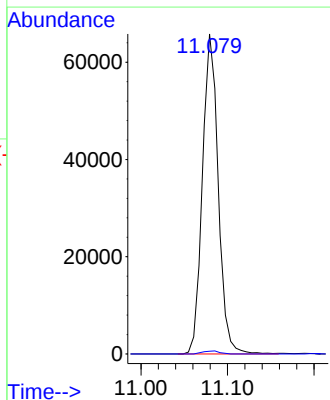
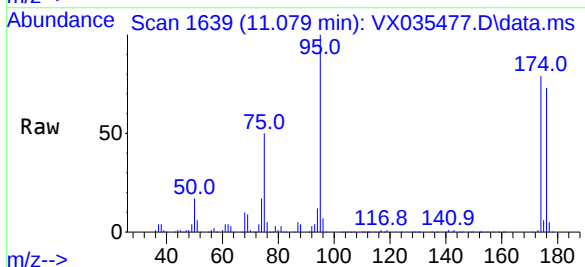
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

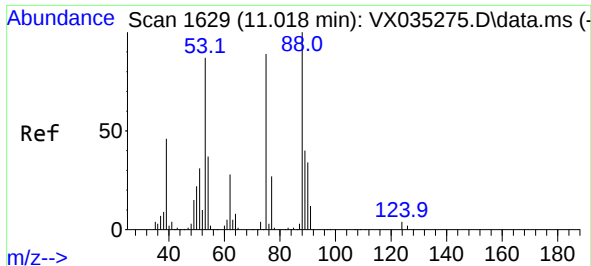
Tgt Ion:152 Resp: 165265
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 158.8 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Tgt Ion: 75 Resp: 83411
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#

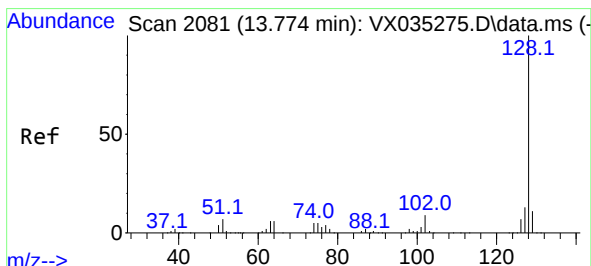
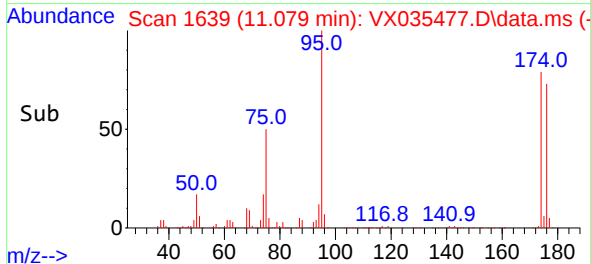
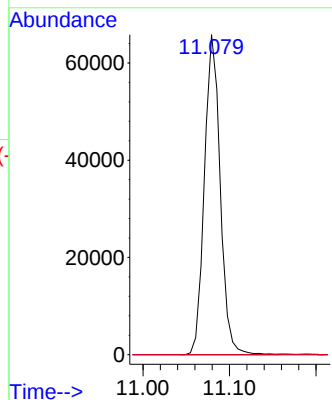
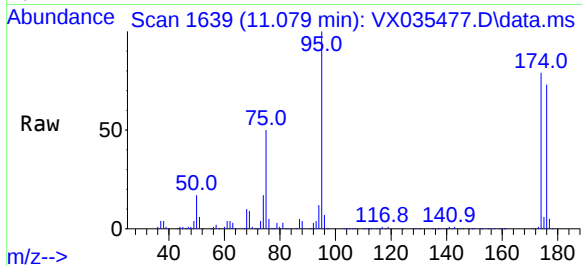




#81
trans-1,4-Dichloro-2-butene
Concen: 81.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

Tgt Ion: 75 Resp: 83411
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.209 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035477.D
Acq: 02 May 2023 14:26

Tgt Ion: 128 Resp: 2304
Ion Ratio Lower Upper
128 100
127 8.1 10.2 15.4#
129 9.9 8.6 13.0

