

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035284.D
 Acq On : 25 Apr 2023 15:26
 Operator : JC/MD
 Sample : 02406-01ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-12-6.0-6.5

Quant Time: Apr 25 16:42:36 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)

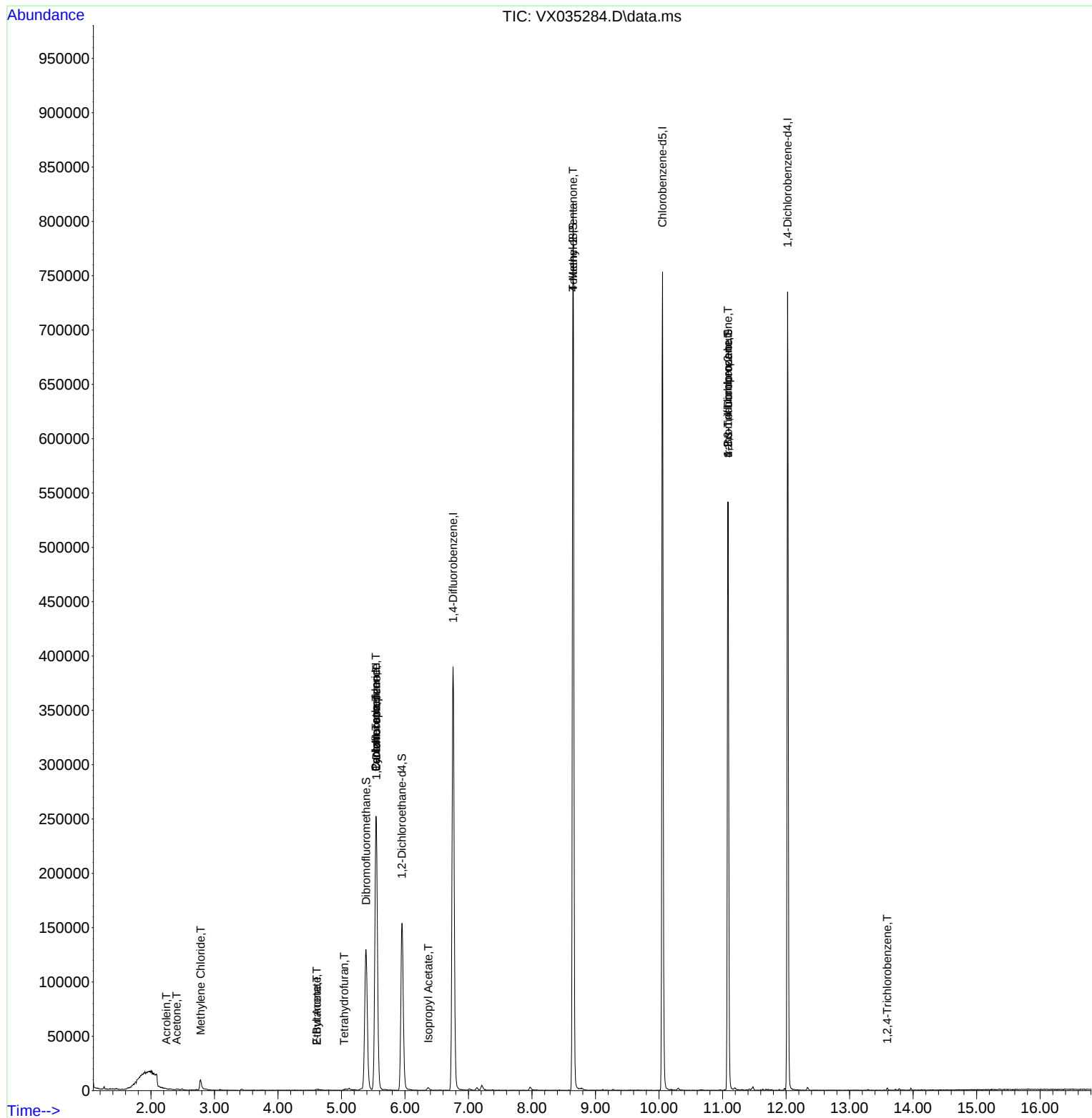
Internal Standards						
1) Pentafluorobenzene	5.544	168	248962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	411307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151102	50.307	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.620%	
35) Dibromofluoromethane	5.385	113	115427	45.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.440%	
50) Toluene-d8	8.647	98	483486	50.769	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.085	95	172921	48.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.540%	
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	155	0.288	ug/l #	14
16) Acetone	2.404	43	1385	1.062	ug/l	97
20) Methylene Chloride	2.782	84	5694	1.904	ug/l #	87
25) 2-Butanone	4.611	43	2553	1.341	ug/l #	70
29) Tetrahydrofuran	5.044	42	478	0.392	ug/l #	76
31) Cyclohexane	5.544	56	4838	1.135	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18252	4.630	ug/l #	50
37) Ethyl Acetate	4.611	43	2553	0.709	ug/l #	70
38) Carbon Tetrachloride	5.544	117	24335	6.503	ug/l #	16
43) Isopropyl Acetate	6.367	43	1391	0.230	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	2098	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	84812	25.707	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	84812	83.260	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	829	0.231	ug/l	89

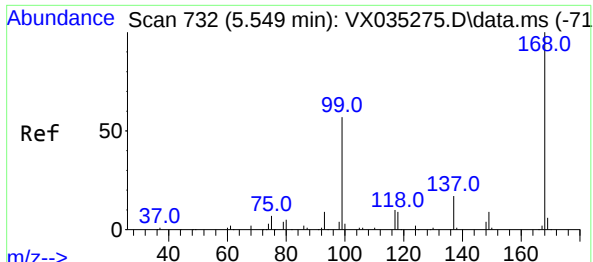
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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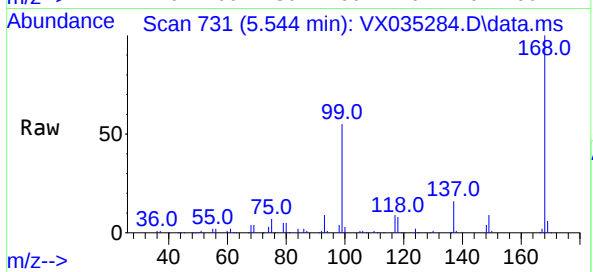
Quant Time: Apr 25 16:42:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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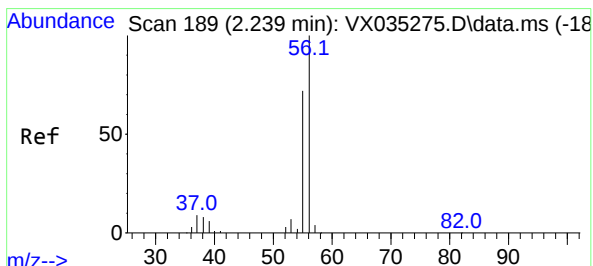
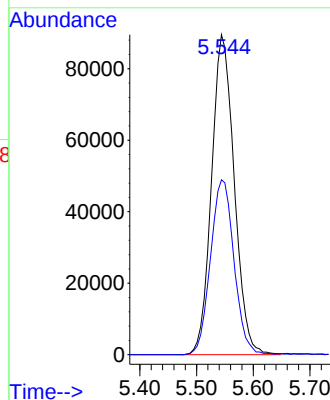
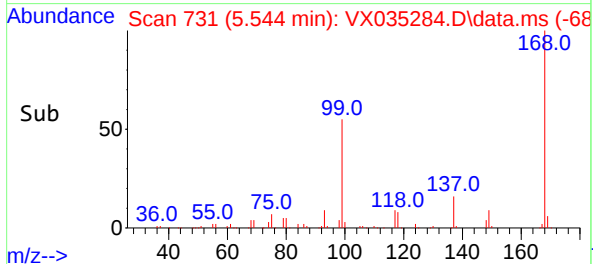


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
SB-12-6.0-6.5

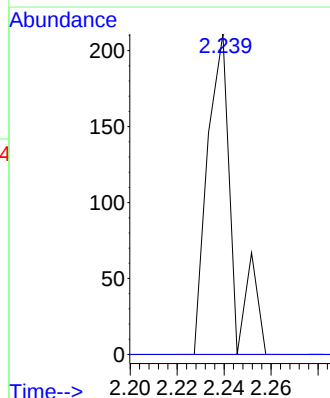
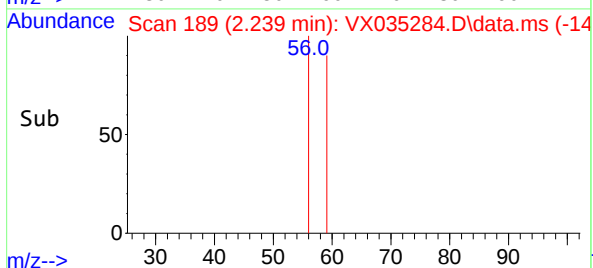
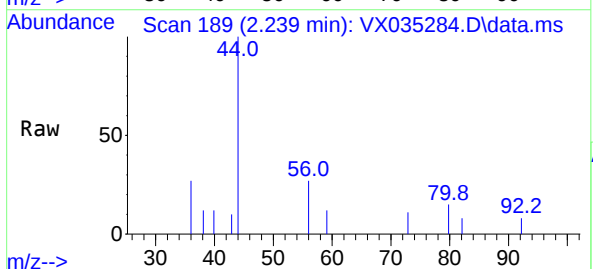


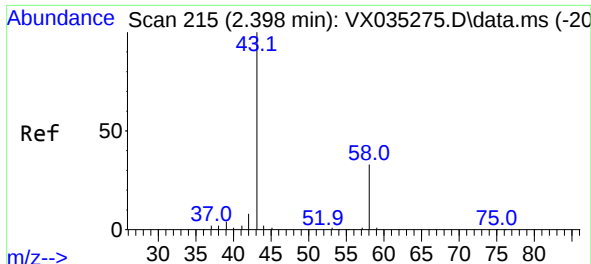
Tgt Ion:168 Resp: 248962
Ion Ratio Lower Upper
168 100
99 54.7 45.7 68.5



#13
Acrolein
Concen: 0.288 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

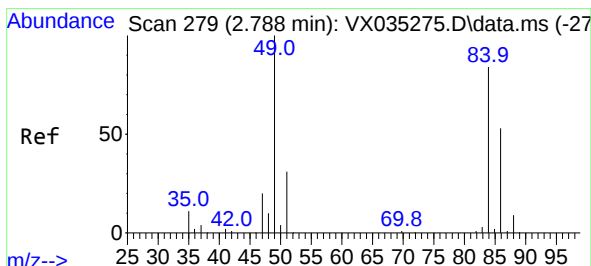
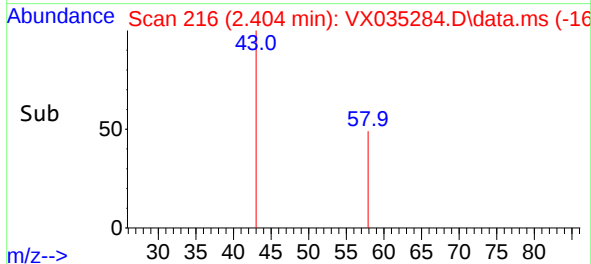
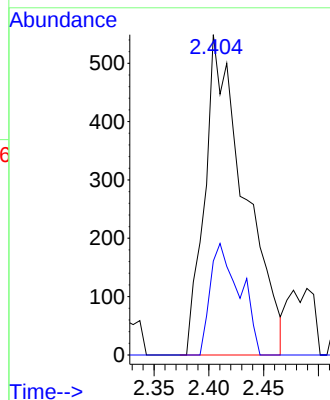
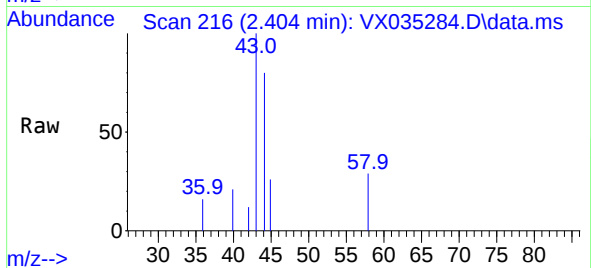




#16
Acetone
Concen: 1.062 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.007 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

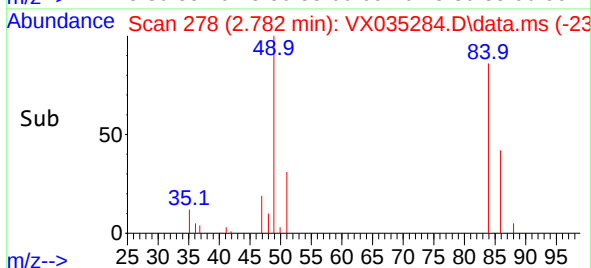
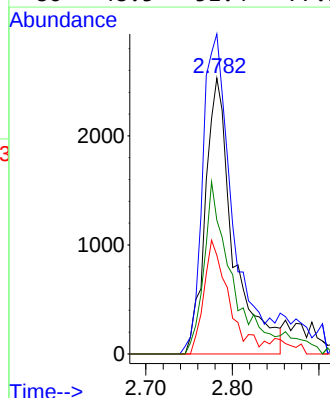
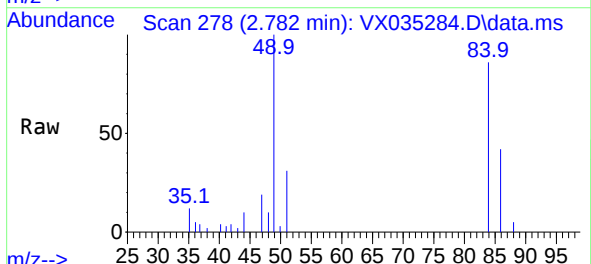
Instrument :
MSVOA_X
ClientSampleId :
SB-12-6.0-6.5

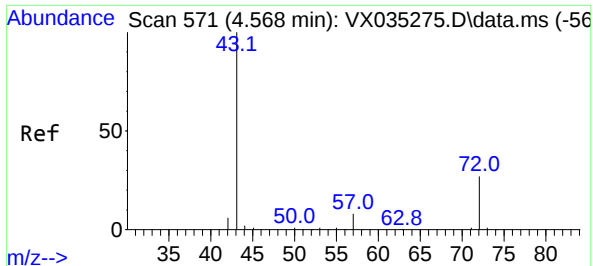
Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
58 29.3 24.7 37.1



#20
Methylene Chloride
Concen: 1.904 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Tgt Ion: 84 Resp: 5694
Ion Ratio Lower Upper
84 100
49 116.0 103.8 155.8
51 35.8 31.8 47.8
86 48.5 51.4 77.2#





#25

2-Butanone

Concen: 1.341 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX035284.D

Acq: 25 Apr 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

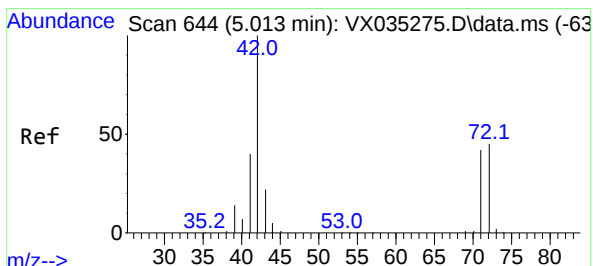
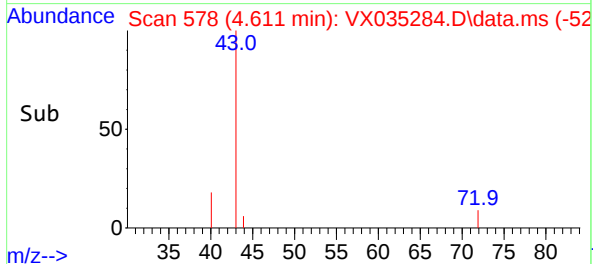
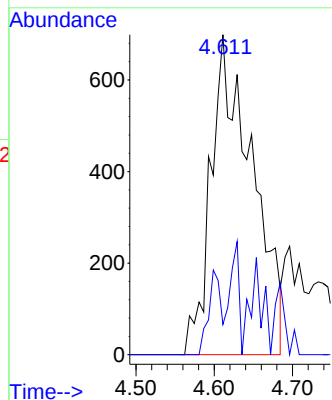
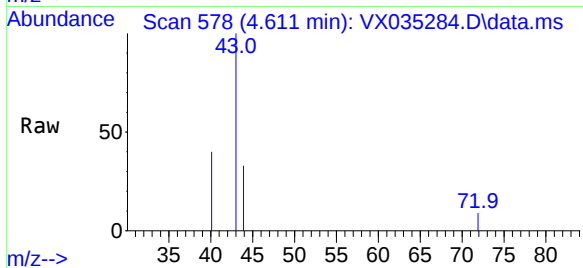
SB-12-6.0-6.5

Tgt Ion: 43 Resp: 2553

Ion Ratio Lower Upper

43 100

72 9.4 19.3 28.9#



#29

Tetrahydrofuran

Concen: 0.392 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX035284.D

Acq: 25 Apr 2023 15:26

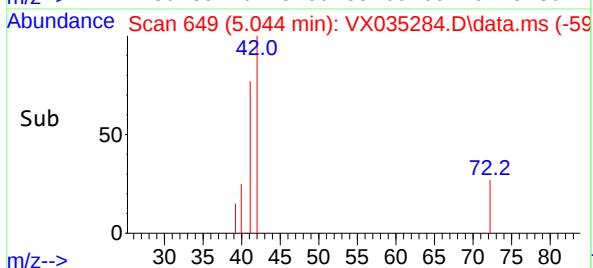
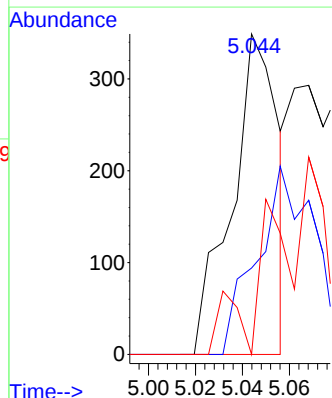
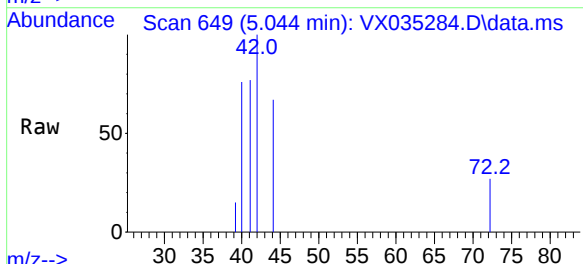
Tgt Ion: 42 Resp: 478

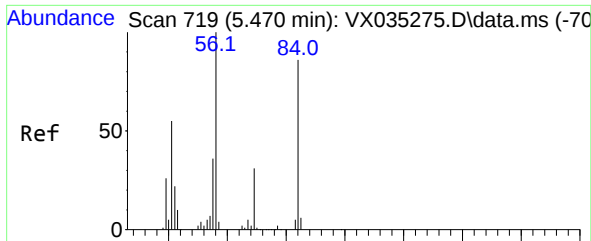
Ion Ratio Lower Upper

42 100

72 70.3 34.5 51.7#

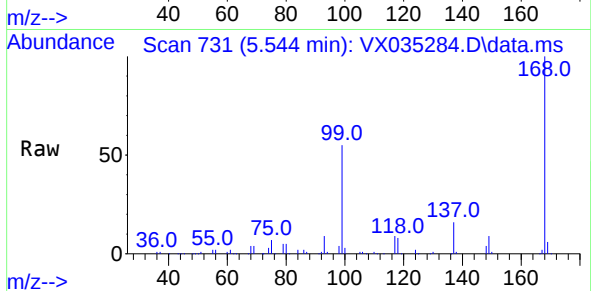
71 37.7 32.1 48.1



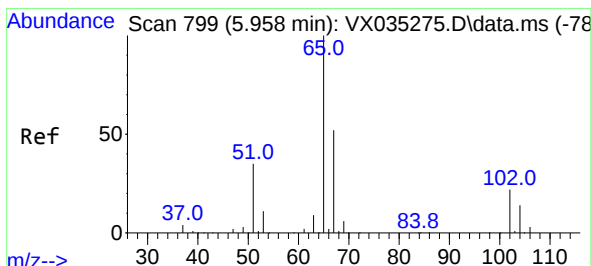
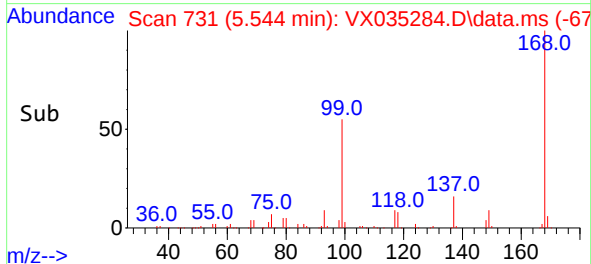
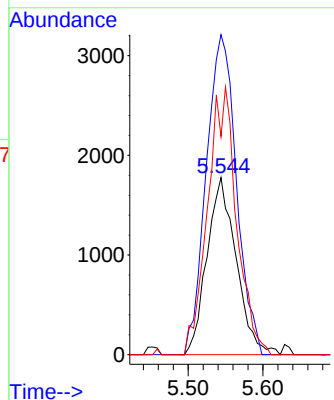


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
SB-12-6.0-6.5

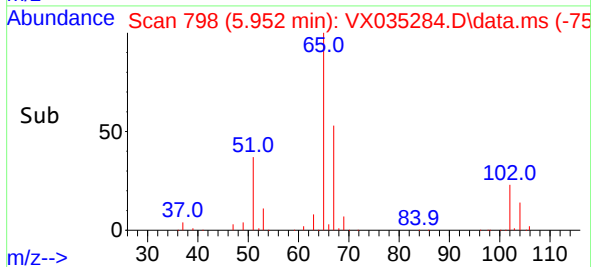
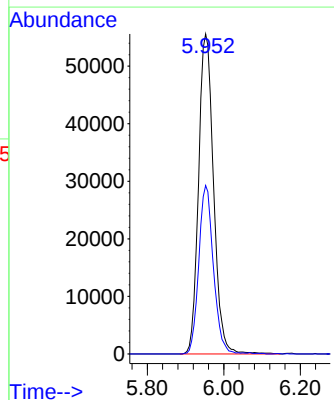
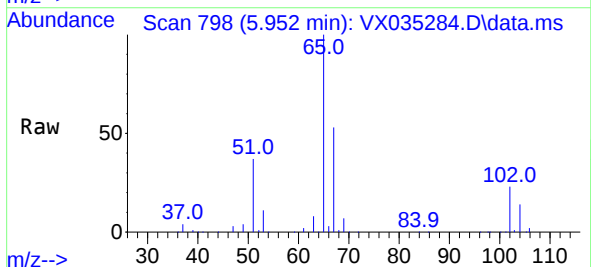


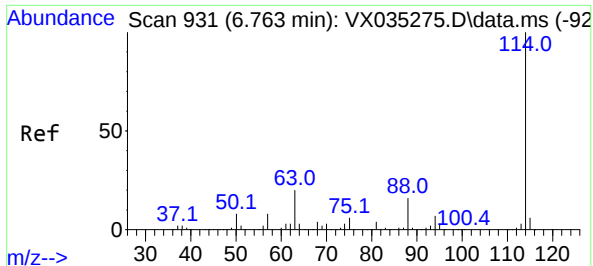
Tgt Ion: 56 Resp: 4838
Ion Ratio Lower Upper
56 100
69 180.7 23.7 35.5#
84 123.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.307 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Tgt Ion: 65 Resp: 151102
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX035284.D

Acq: 25 Apr 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

SB-12-6.0-6.5

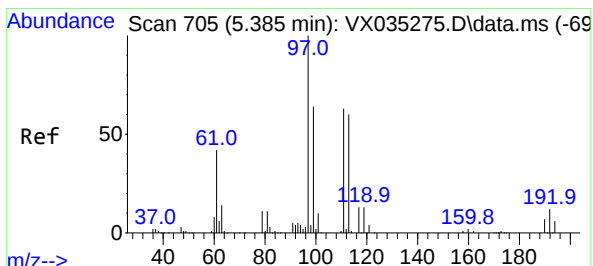
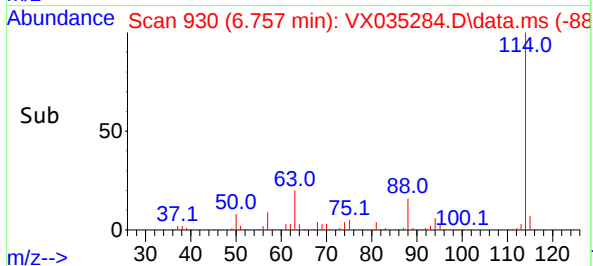
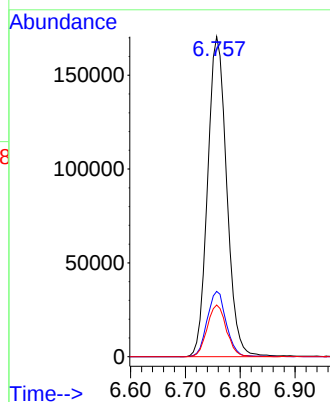
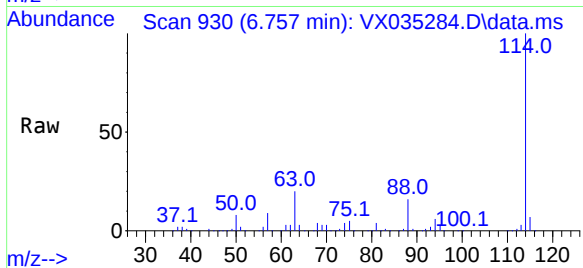
Tgt Ion:114 Resp: 411307

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.723 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035284.D

Acq: 25 Apr 2023 15:26

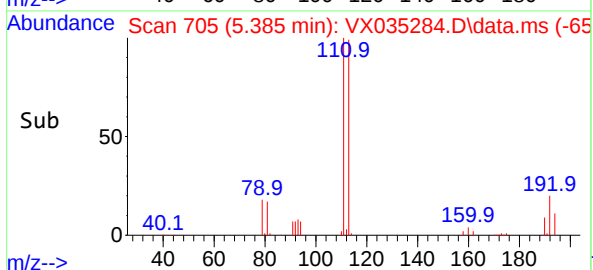
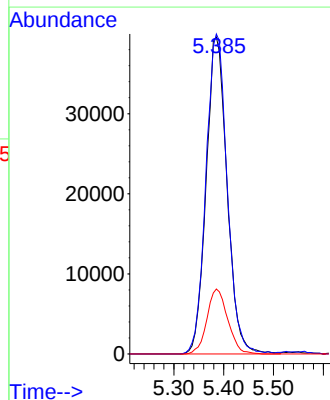
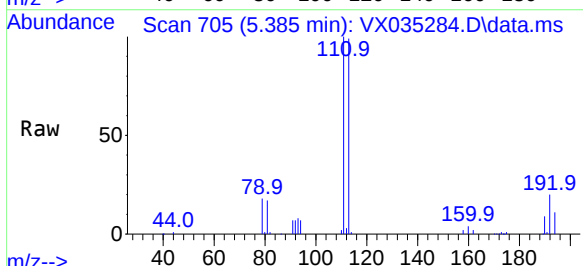
Tgt Ion:113 Resp: 115427

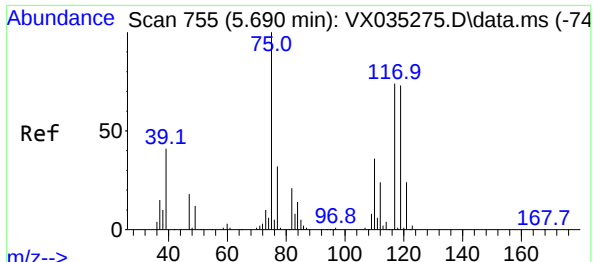
Ion Ratio Lower Upper

113 100

111 102.4 83.7 125.5

192 20.3 15.4 23.2

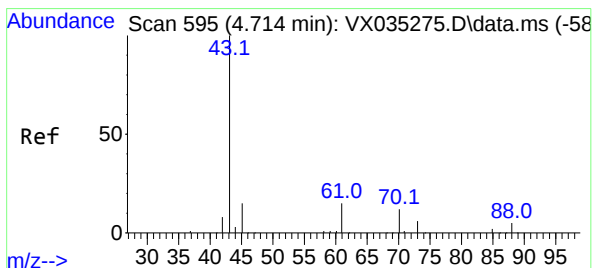
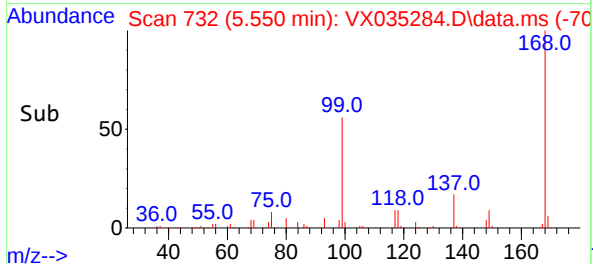
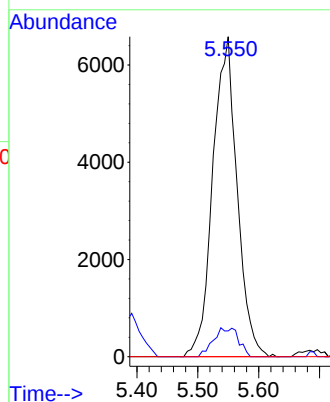
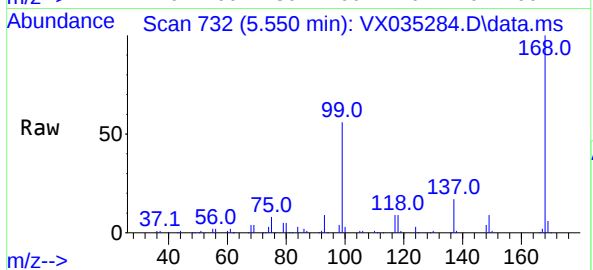




#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

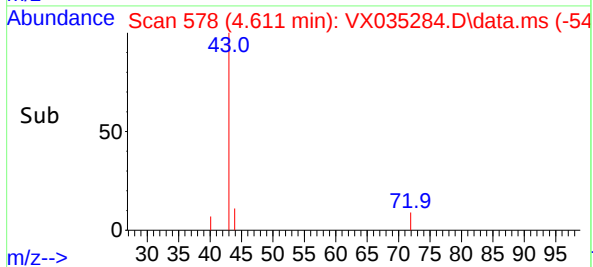
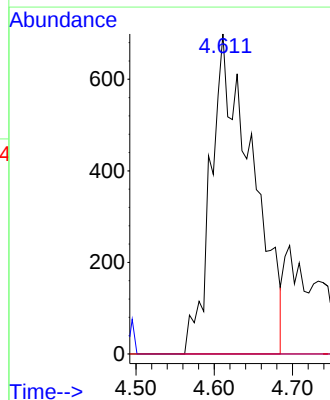
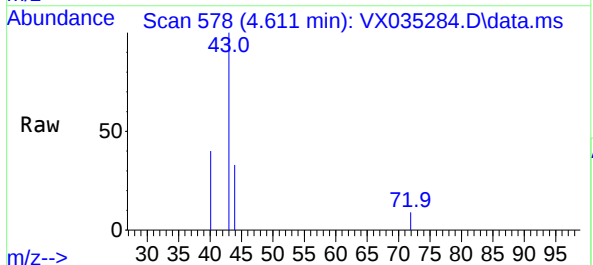
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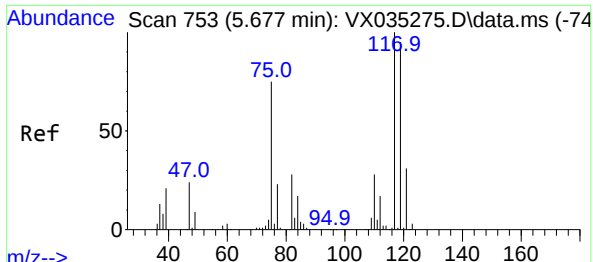
Tgt Ion: 75 Resp: 18252
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 0.709 ug/l
RT: 4.611 min Scan# 578
Delta R.T. -0.103 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

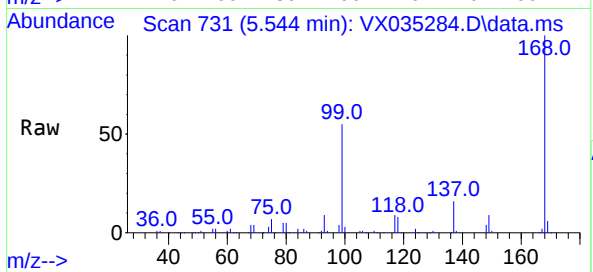
Tgt Ion: 43 Resp: 2553
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 8.2 12.4#



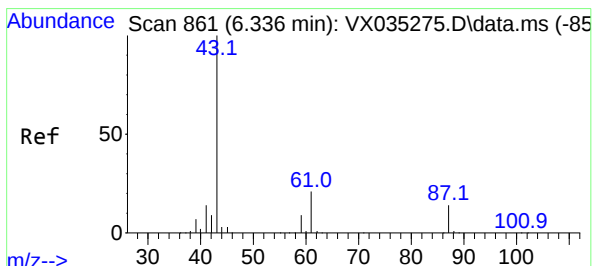
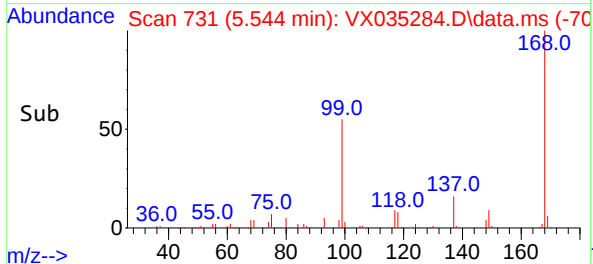
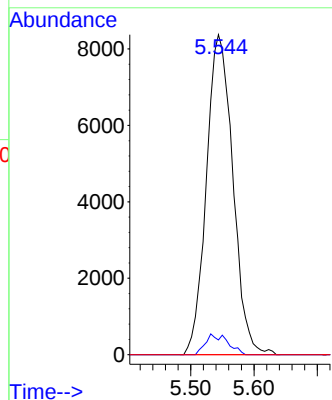


#38
Carbon Tetrachloride
Concen: 6.503 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
SB-12-6.0-6.5

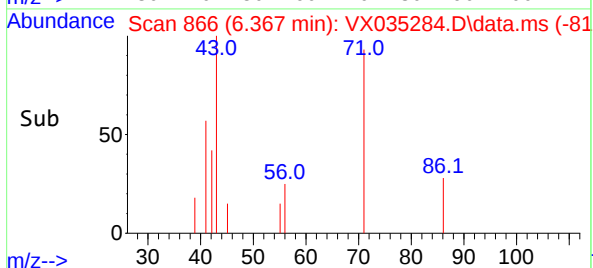
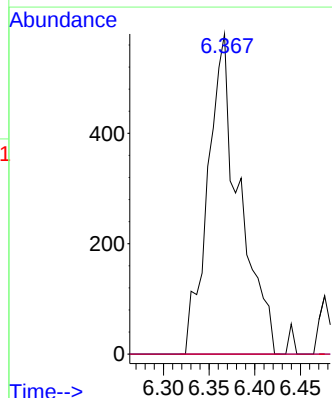
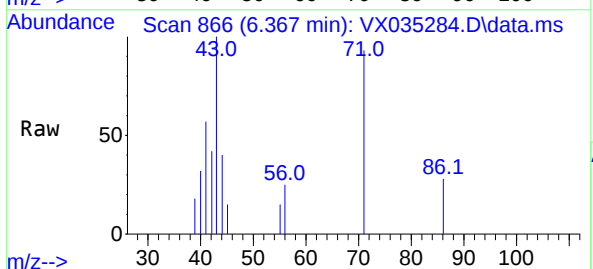


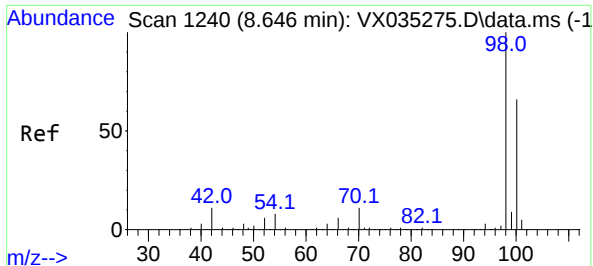
Tgt Ion:117 Resp: 24335
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 0.230 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.031 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#

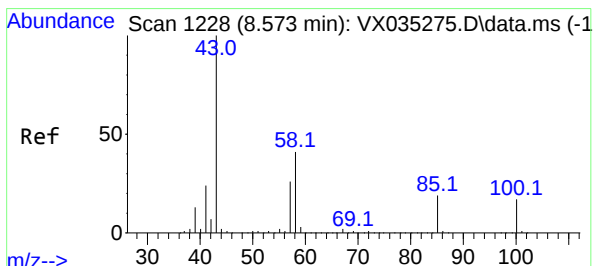
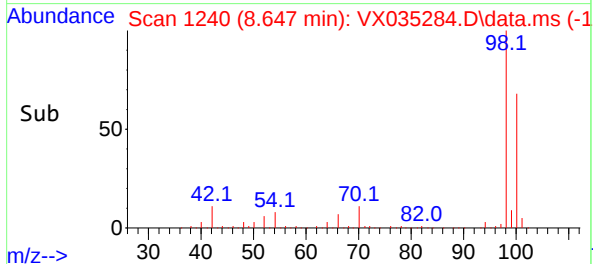
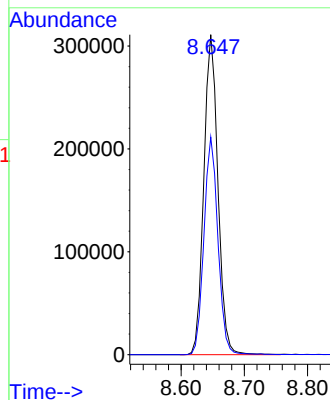
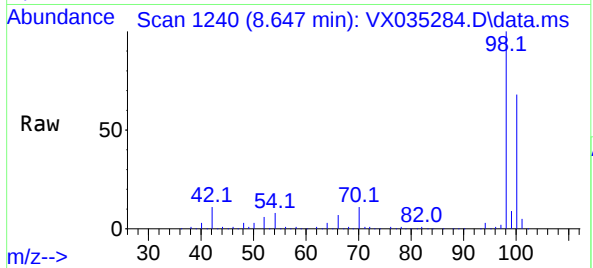




#50
Toluene-d8
Concen: 50.769 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

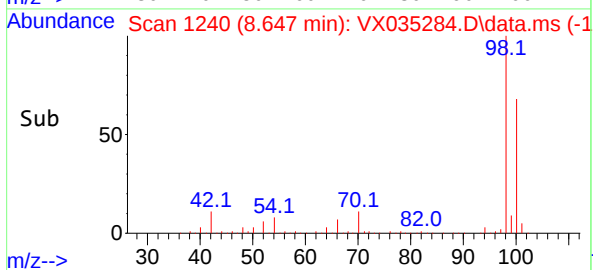
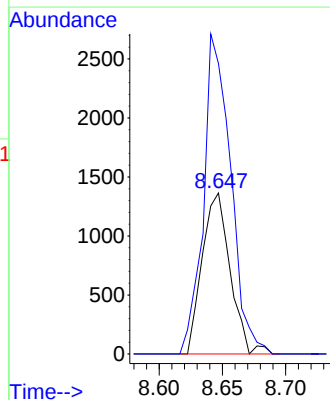
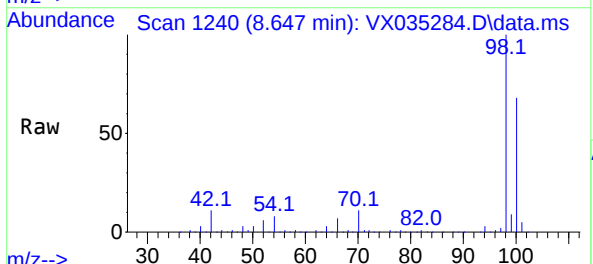
Instrument :
MSVOA_X
ClientSampleId :
SB-12-6.0-6.5

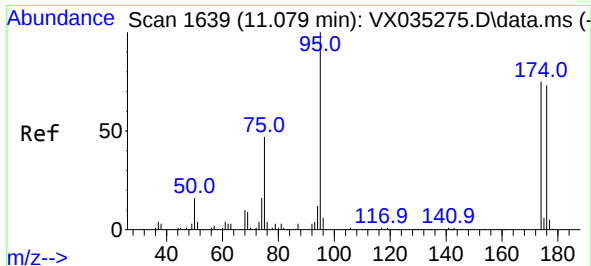
Tgt Ion: 98 Resp: 483486
Ion Ratio Lower Upper
98 100
100 67.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Tgt Ion: 43 Resp: 2098
Ion Ratio Lower Upper
43 100
58 193.2 30.6 46.0#

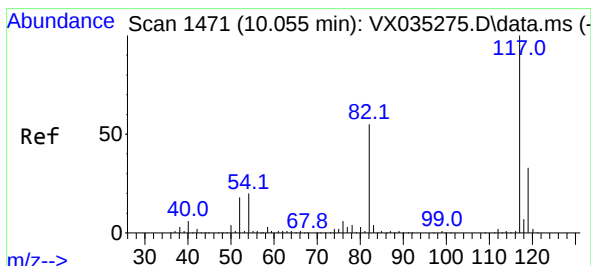
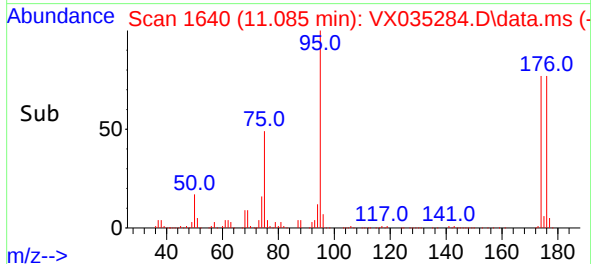
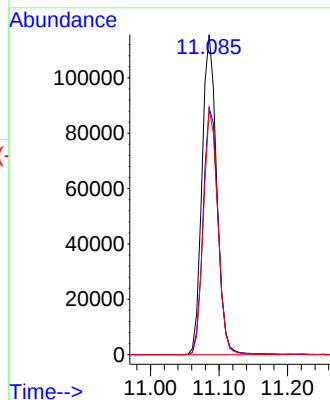
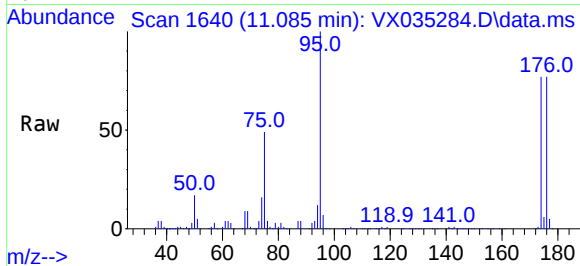




#62
4-Bromofluorobenzene
Concen: 48.269 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.007 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

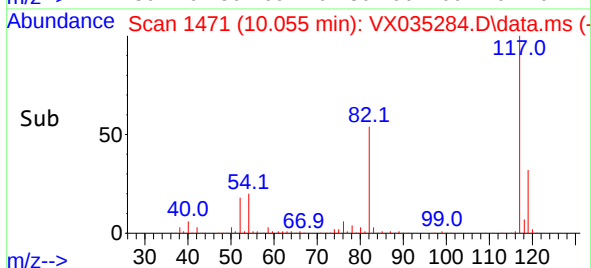
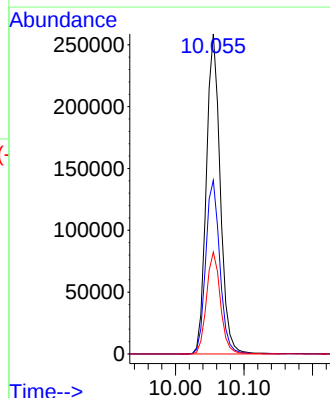
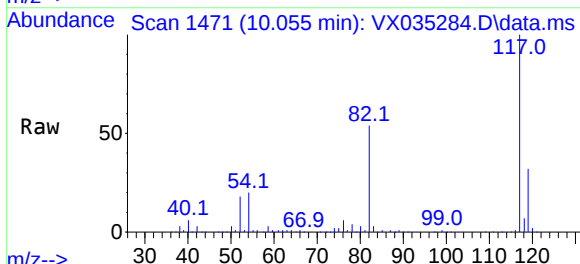
Instrument :
MSVOA_X
ClientSampleId :
SB-12-6.0-6.5

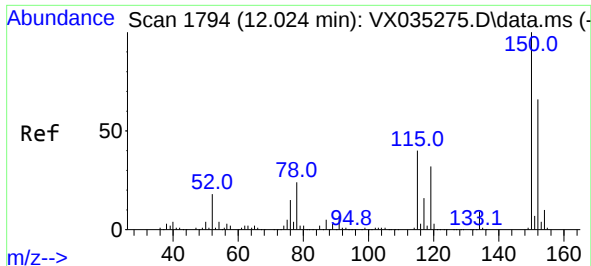
Tgt Ion: 95 Resp: 172921
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.4
176 75.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Tgt Ion: 117 Resp: 365781
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 31.9 26.0 39.0

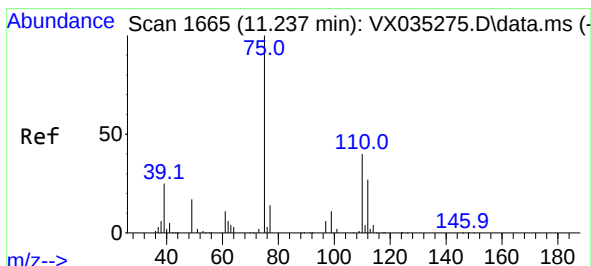
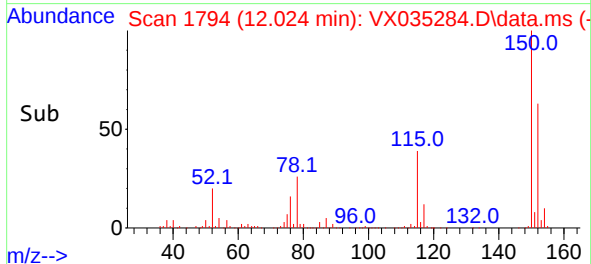
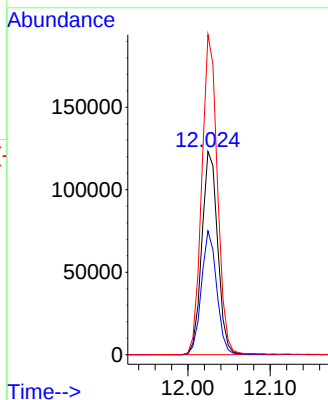
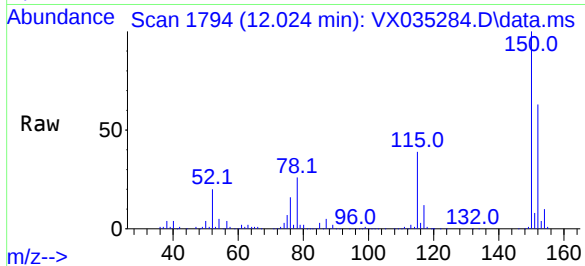




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

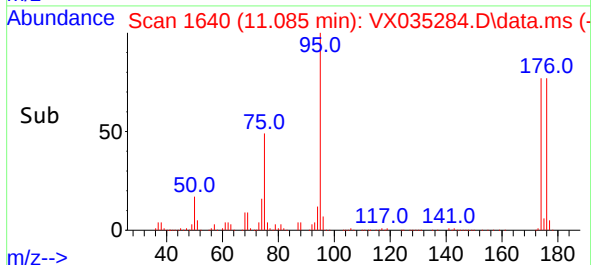
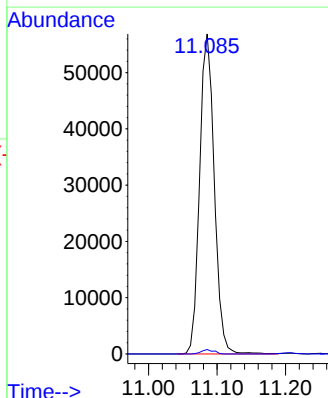
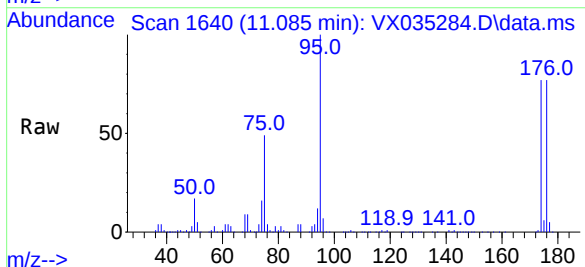
Instrument :
MSVOA_X
ClientSampleId :
SB-12-6.0-6.5

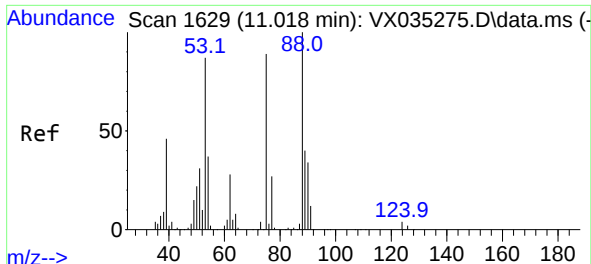
Tgt Ion:152 Resp: 165392
Ion Ratio Lower Upper
152 100
115 59.1 45.0 135.0
150 155.4 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.707 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Tgt Ion: 75 Resp: 84812
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#

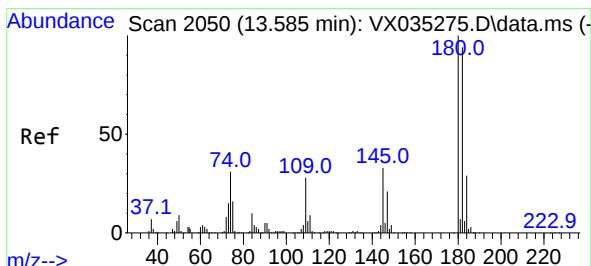
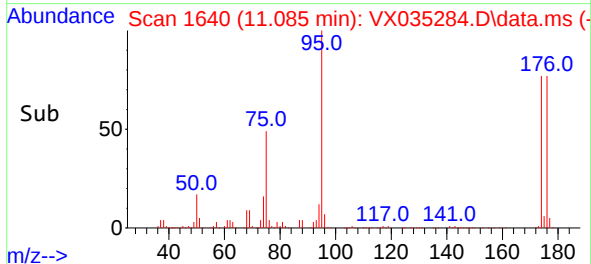
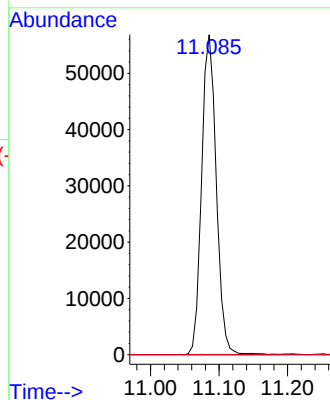
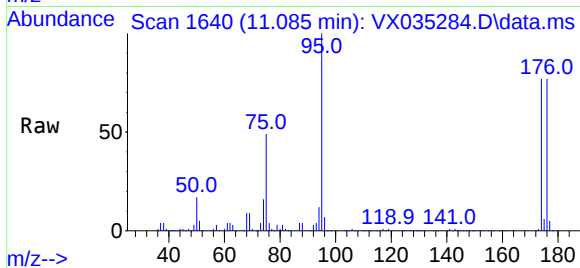




#81
trans-1,4-Dichloro-2-butene
Concen: 83.260 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.067 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
SB-12-6.0-6.5

Tgt Ion: 75 Resp: 84812
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035284.D
Acq: 25 Apr 2023 15:26

Tgt Ion:180 Resp: 829
Ion Ratio Lower Upper
180 100
182 80.6 47.0 141.0
145 30.0 15.9 47.7

