

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075630.D
 Acq On : 11 Apr 2023 20:07
 Operator : KP/SY
 Sample : 02260-15
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1E

Quant Time: Apr 12 02:59:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

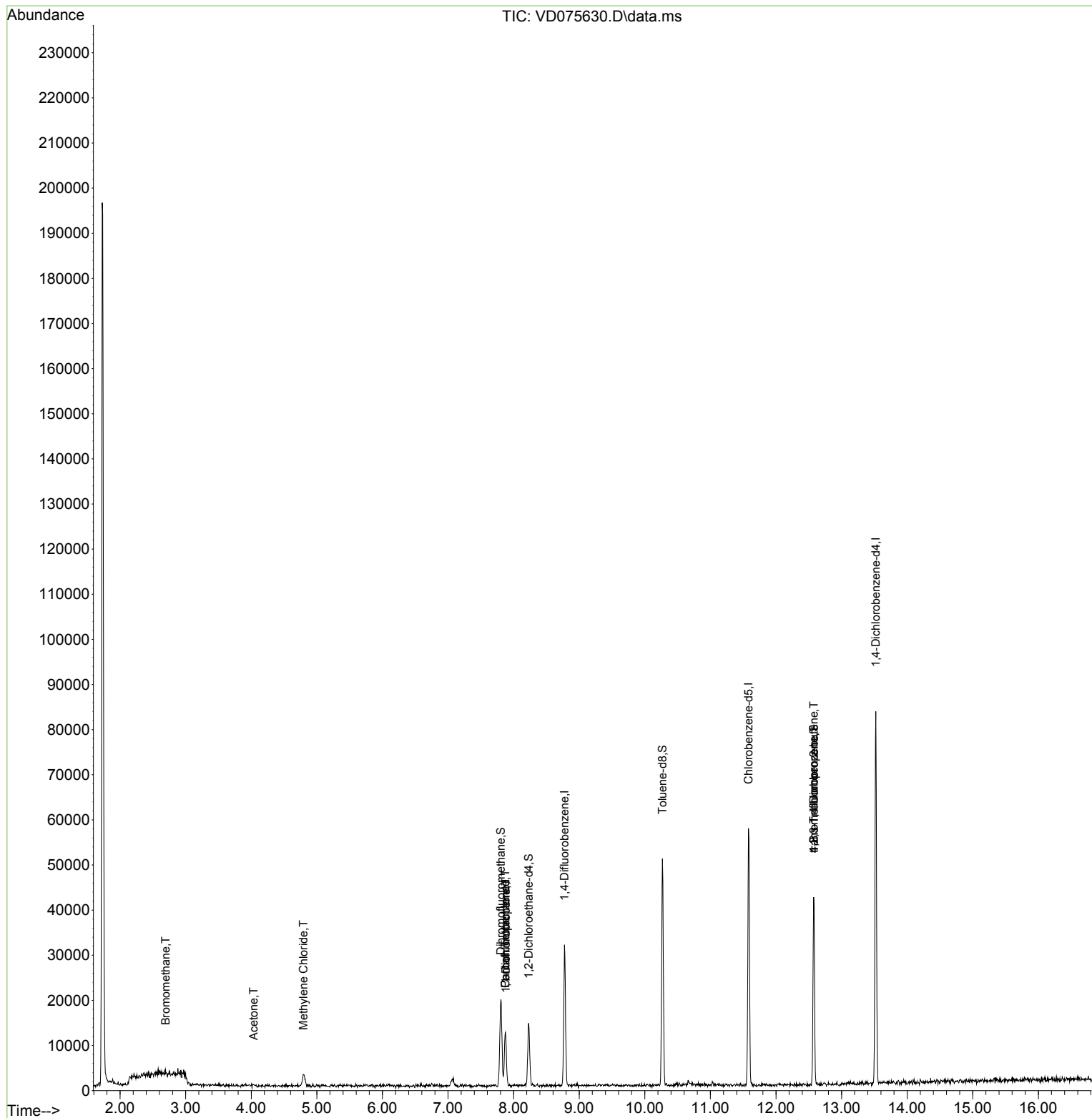
Internal Standards						
1) Pentafluorobenzene	7.875	168	10347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	28777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	36931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	25594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10771	126.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 253.780%#	
35) Dibromofluoromethane	7.805	113	14023	83.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 166.300%#	
50) Toluene-d8	10.269	98	37931	57.340	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.680%	
62) 4-Bromofluorobenzene	12.575	95	13776	67.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 135.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	250	Below Cal	#	53
5) Bromomethane	2.693	94	398	2.809	ug/l #	31
16) Acetone	4.034	43	140	9.052	ug/l #	44
20) Methylene Chloride	4.793	84	2431	11.369	ug/l #	78
36) 1,1-Dichloropropene	7.881	75	840	3.900	ug/l #	42
38) Carbon Tetrachloride	7.875	117	793	3.839	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	7030	35.097	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	7030	80.438	ug/l #	5

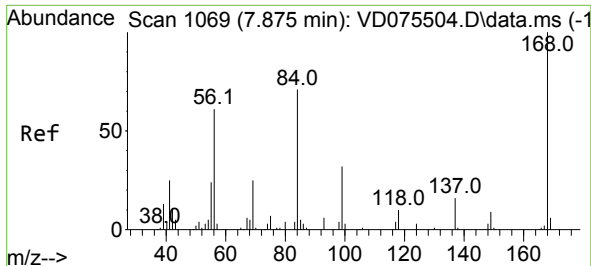
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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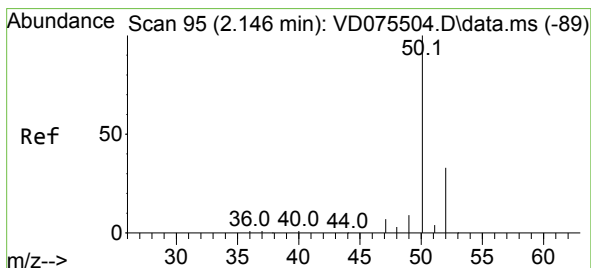
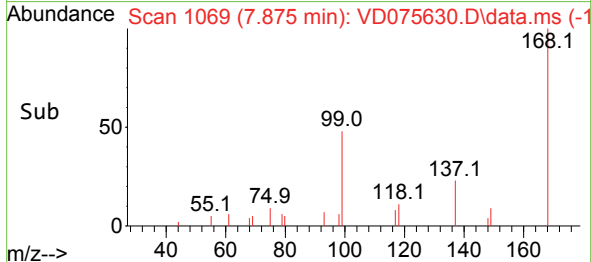
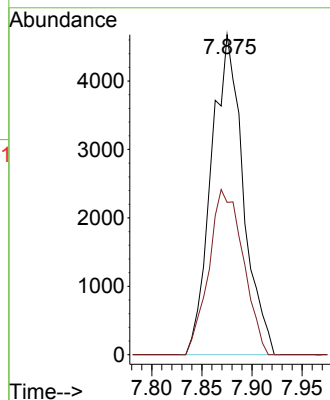
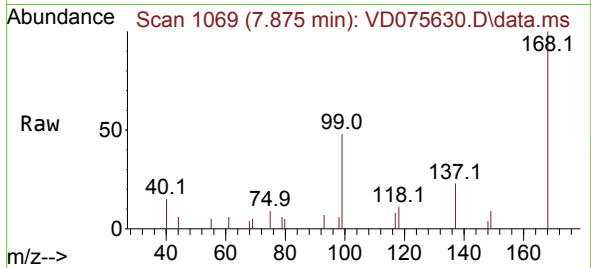




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

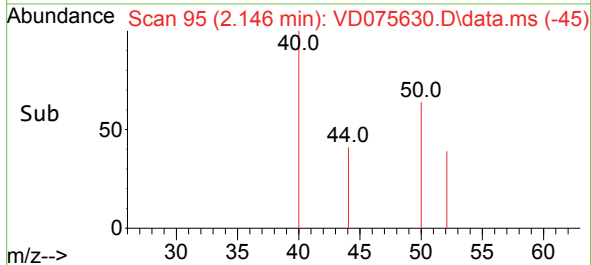
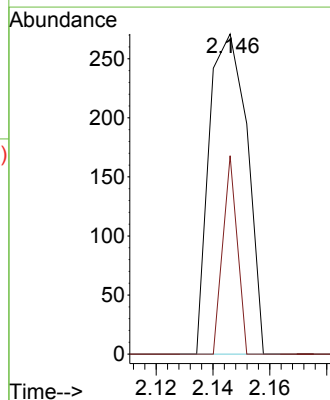
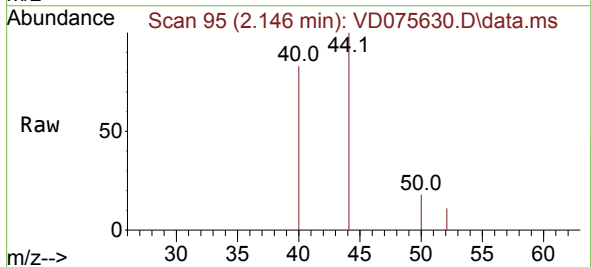
Instrument :
MSVOA_D
ClientSampleId :
SP-1E

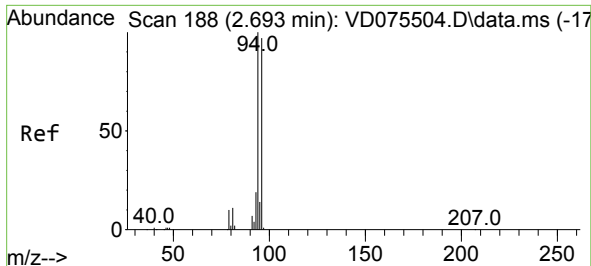
Tgt Ion:168 Resp: 10347
Ion Ratio Lower Upper
168 100
99 47.6 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

Tgt Ion: 50 Resp: 250
Ion Ratio Lower Upper
50 100
52 62.0 27.8 41.8#

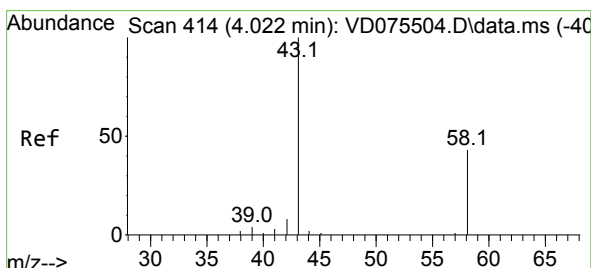
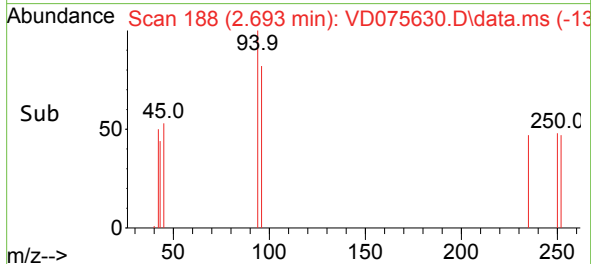
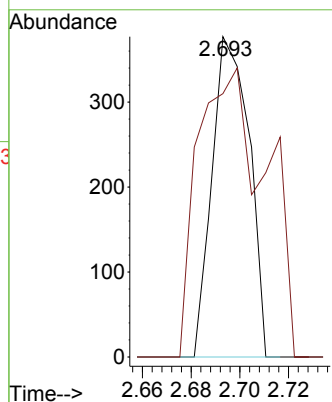
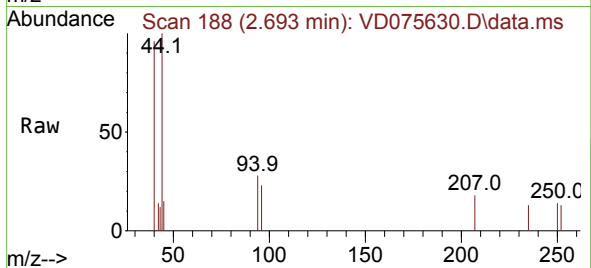




#5
Bromomethane
Concen: 2.809 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

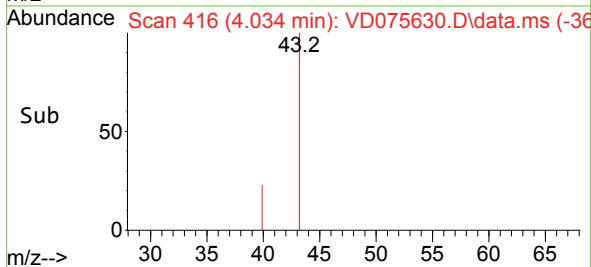
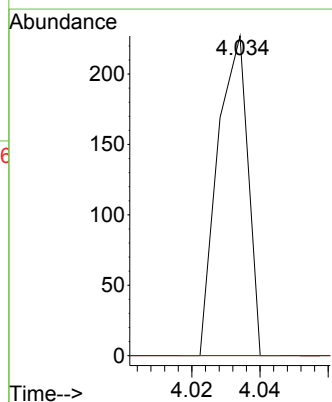
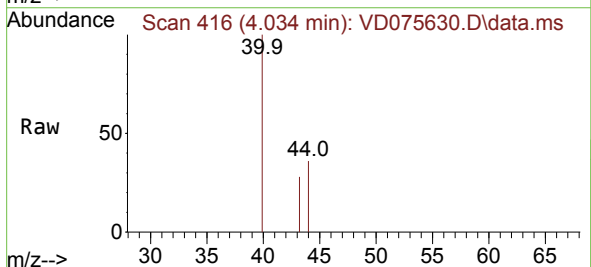
Instrument :
MSVOA_D
ClientSampleId :
SP-1E

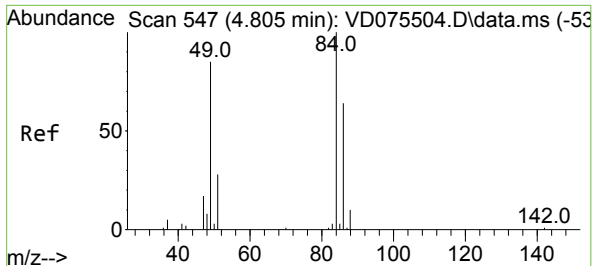
Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 165.1 77.5 116.3#



#16
Acetone
Concen: 9.052 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

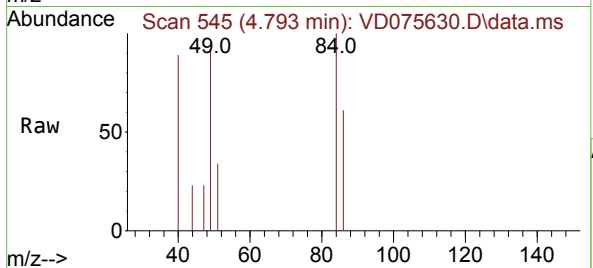
Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



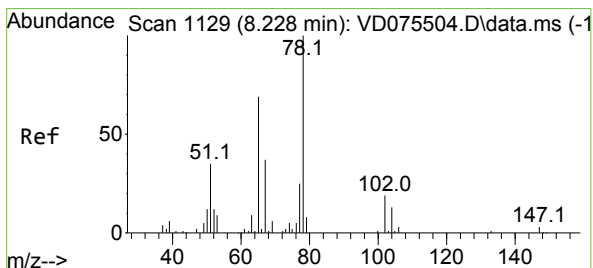
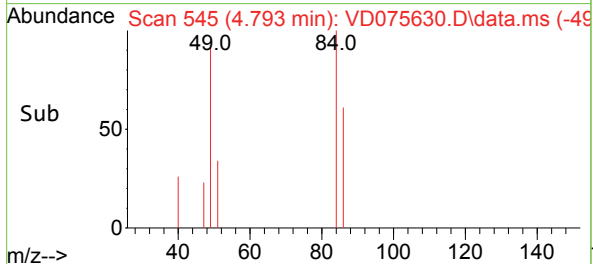
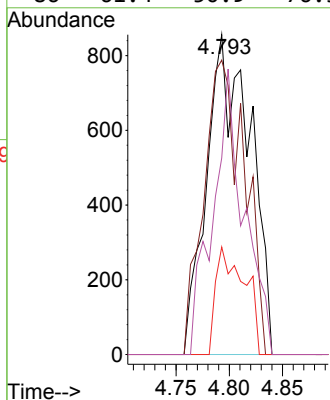


#20
Methylene Chloride
Concen: 11.369 ug/l
RT: 4.793 min Scan# 547
Delta R.T. -0.012 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

Instrument :
MSVOA_D
ClientSampleId :
SP-1E

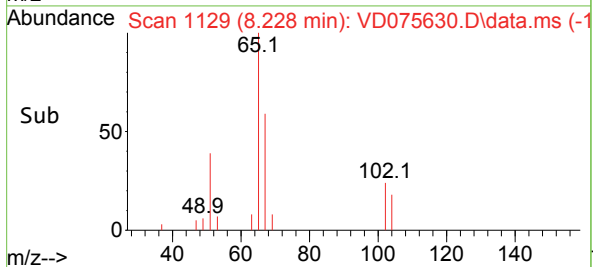
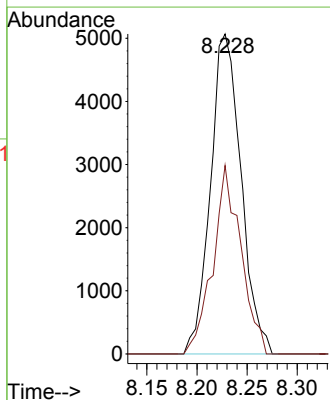
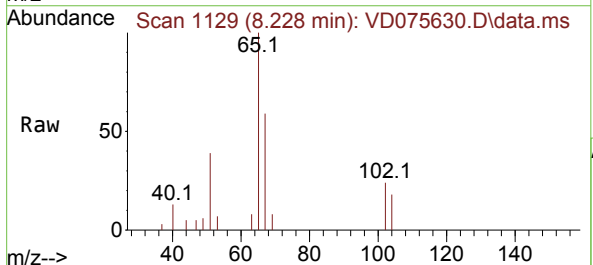


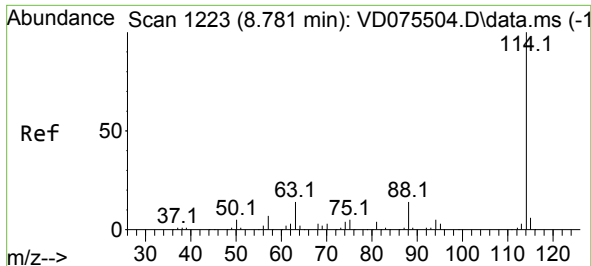
Tgt Ion: 84	Resp: 2431
Ion Ratio	Lower Upper
84 100	
49 92.1	106.4 159.6#
51 33.6	32.4 48.6
86 61.4	50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 126.894 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

Tgt Ion: 65	Resp: 10771
Ion Ratio	Lower Upper
65 100	
67 53.8	0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075630.D

Acq: 11 Apr 2023 20:07

Instrument :

MSVOA_D

ClientSampleId :

SP-1E

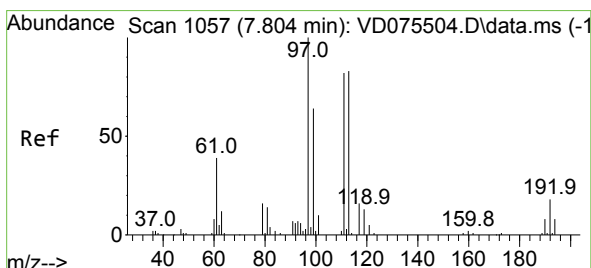
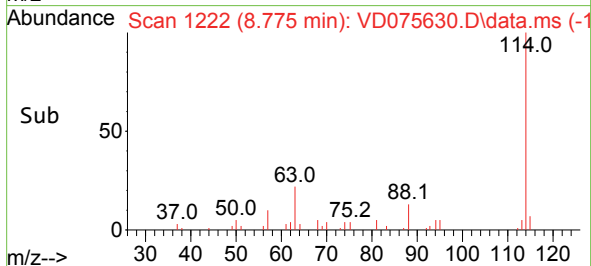
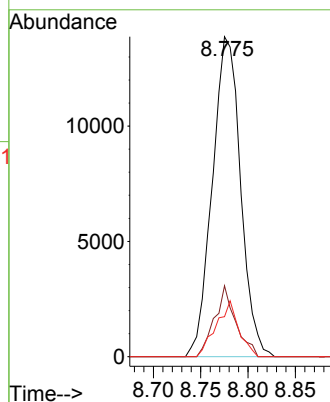
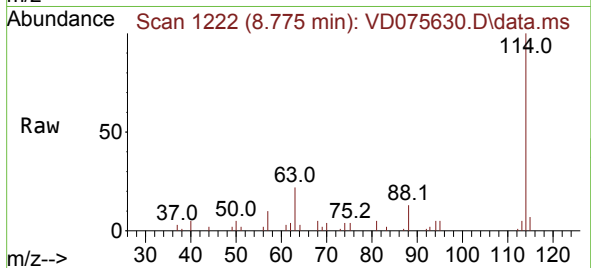
Tgt Ion:114 Resp: 28777

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.6

88 12.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 83.149 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075630.D

Acq: 11 Apr 2023 20:07

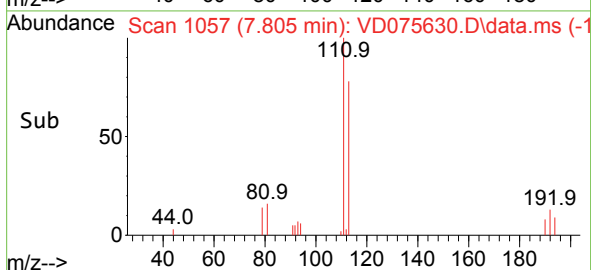
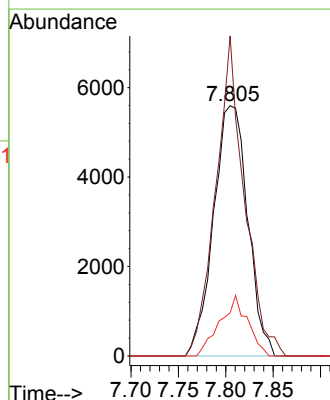
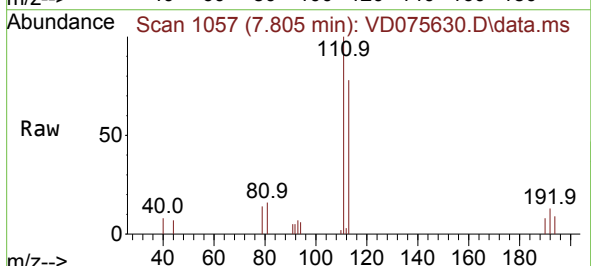
Tgt Ion:113 Resp: 14023

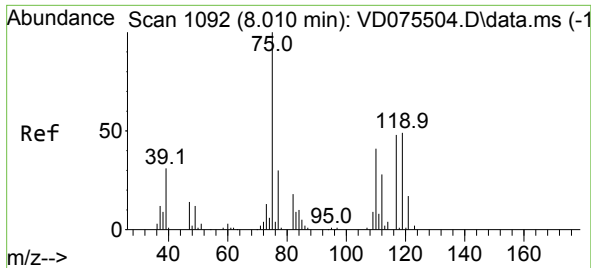
Ion Ratio Lower Upper

113 100

111 106.7 81.4 122.0

192 19.5 15.2 22.8

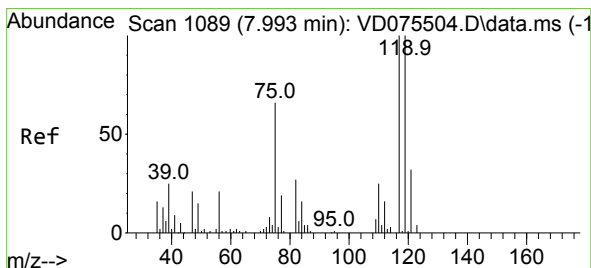
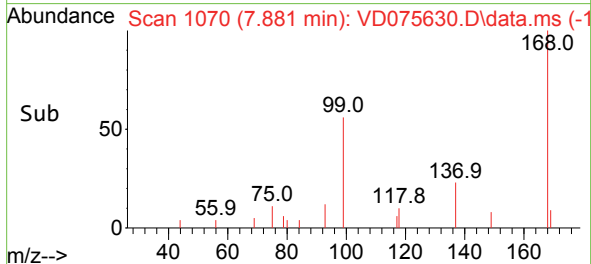
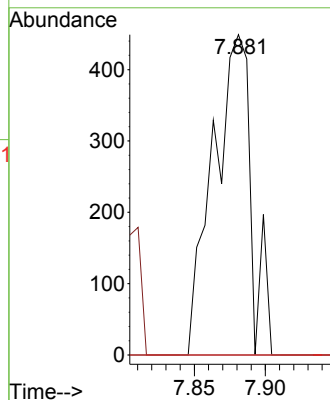
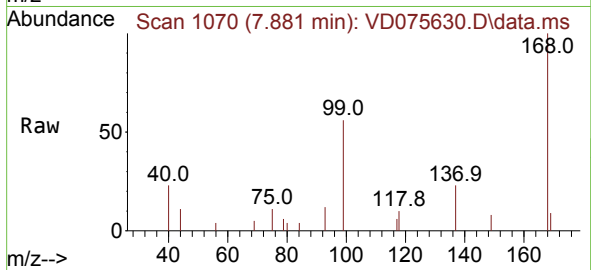




#36
1,1-Dichloropropene
Concen: 3.900 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

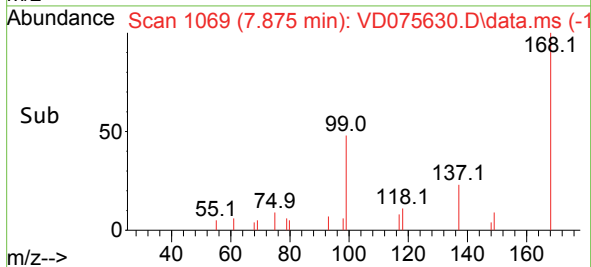
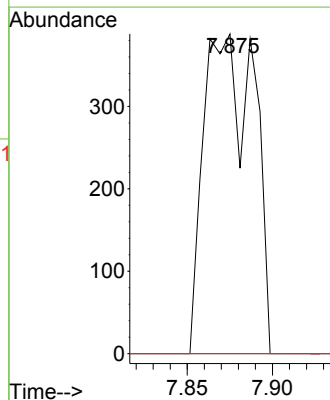
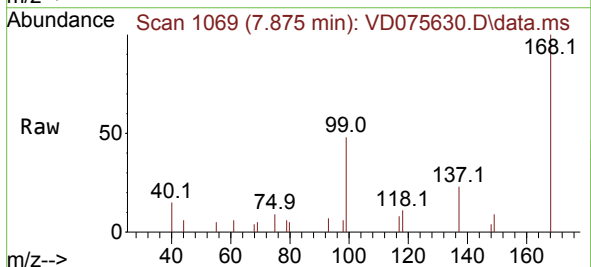
Instrument :
MSVOA_D
ClientSampleId :
SP-1E

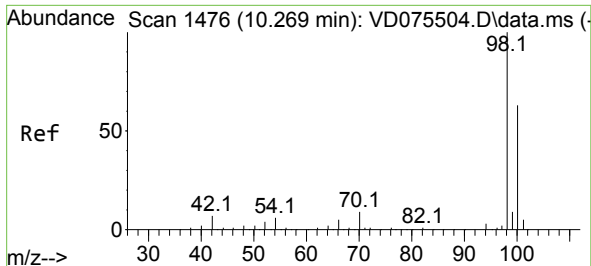
Tgt Ion: 75 Resp: 840
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 3.839 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

Tgt Ion: 117 Resp: 793
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#

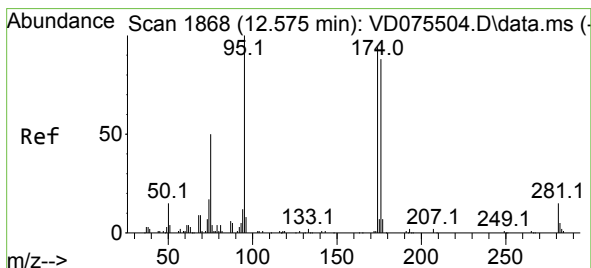
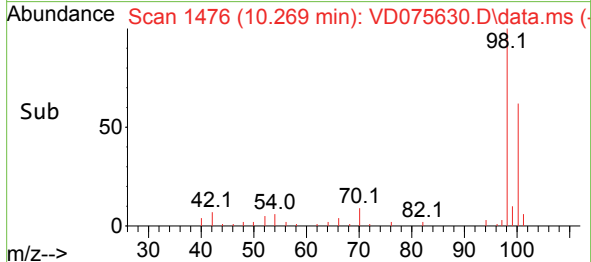
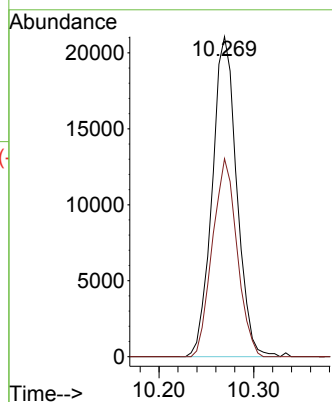
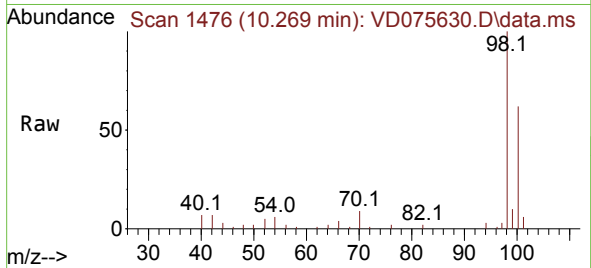




#50
Toluene-d8
Concen: 57.340 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

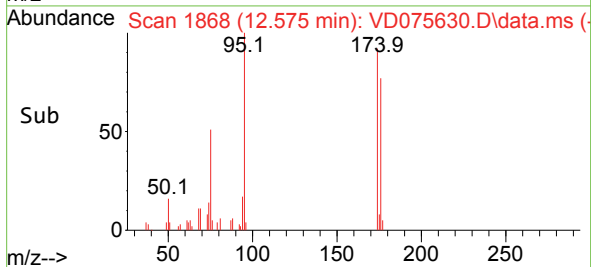
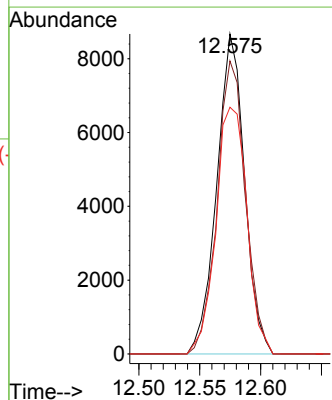
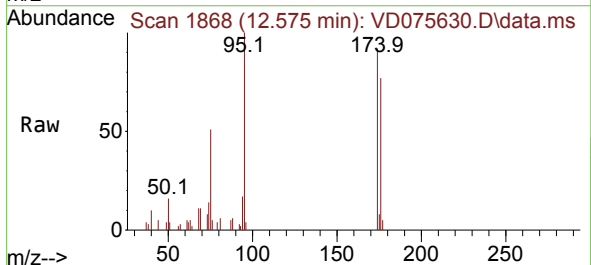
Instrument :
MSVOA_D
ClientSampleId :
SP-1E

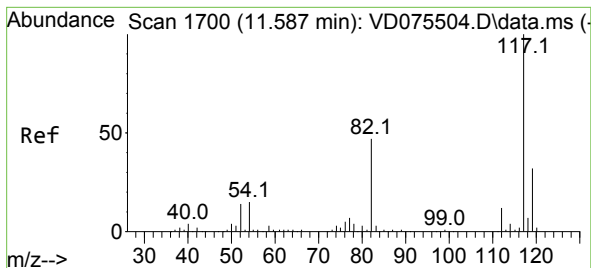
Tgt Ion: 98 Resp: 37931
Ion Ratio Lower Upper
98 100
100 62.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 67.640 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

Tgt Ion: 95 Resp: 13776
Ion Ratio Lower Upper
95 100
174 93.0 0.0 164.0
176 85.7 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075630.D

Acq: 11 Apr 2023 20:07

Instrument :

MSVOA_D

ClientSampleId :

SP-1E

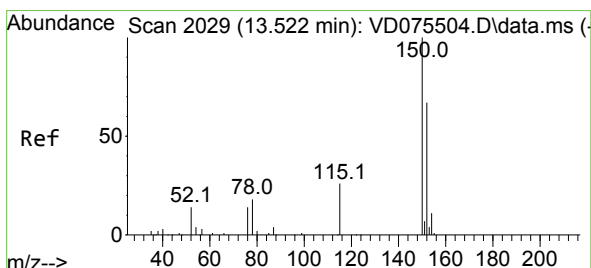
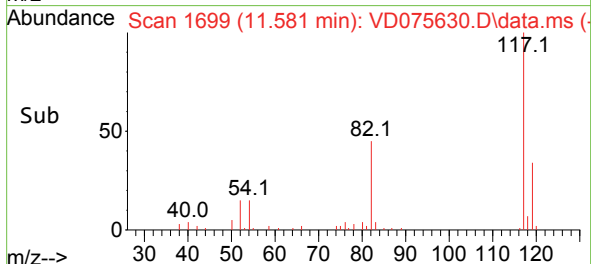
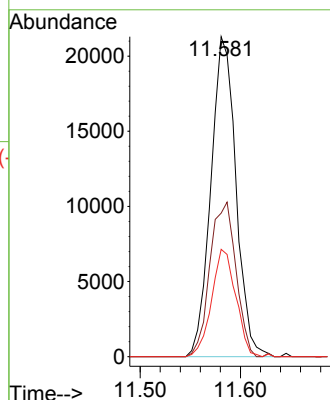
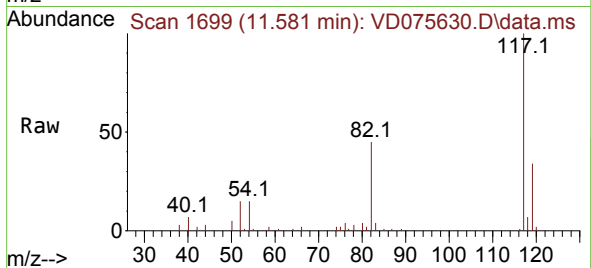
Tgt Ion:117 Resp: 36931

Ion Ratio Lower Upper

117 100

82 44.9 44.0 66.0

119 33.6 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075630.D

Acq: 11 Apr 2023 20:07

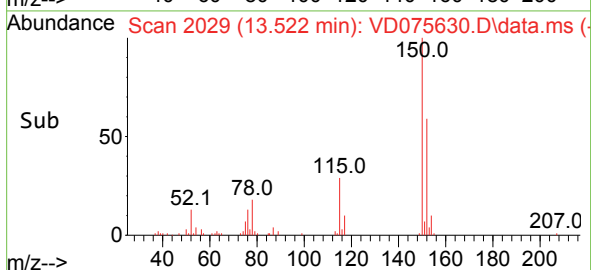
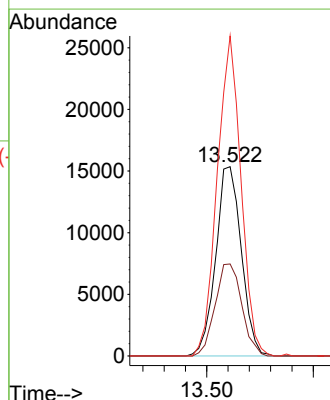
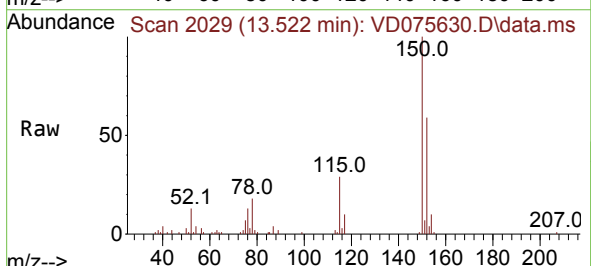
Tgt Ion:152 Resp: 25594

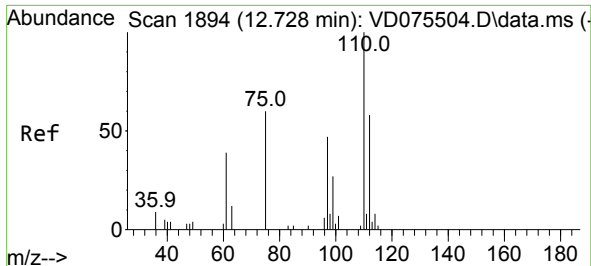
Ion Ratio Lower Upper

152 100

115 50.6 30.1 90.3

150 156.8 0.0 364.8

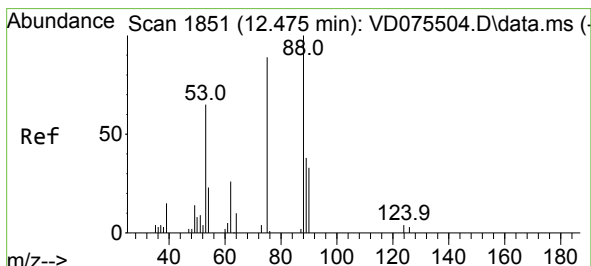
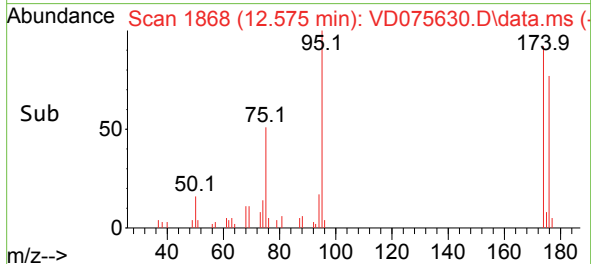
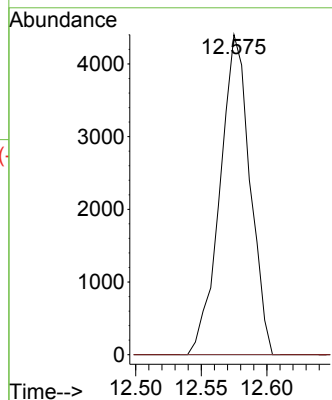
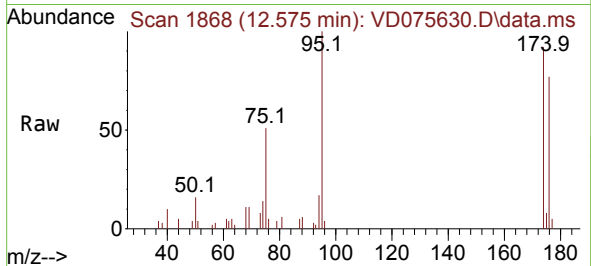




#76
1,2,3-Trichloropropane
Concen: 35.097 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

Instrument :
MSVOA_D
ClientSampleId :
SP-1E

Tgt Ion: 75 Resp: 7030
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 80.438 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075630.D
Acq: 11 Apr 2023 20:07

Tgt Ion: 75 Resp: 7030
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

