

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075010.D
 Acq On : 21 Nov 2022 18:11
 Operator : VA/SY
 Sample : N5740-01
 Misc : 3.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 00:19:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

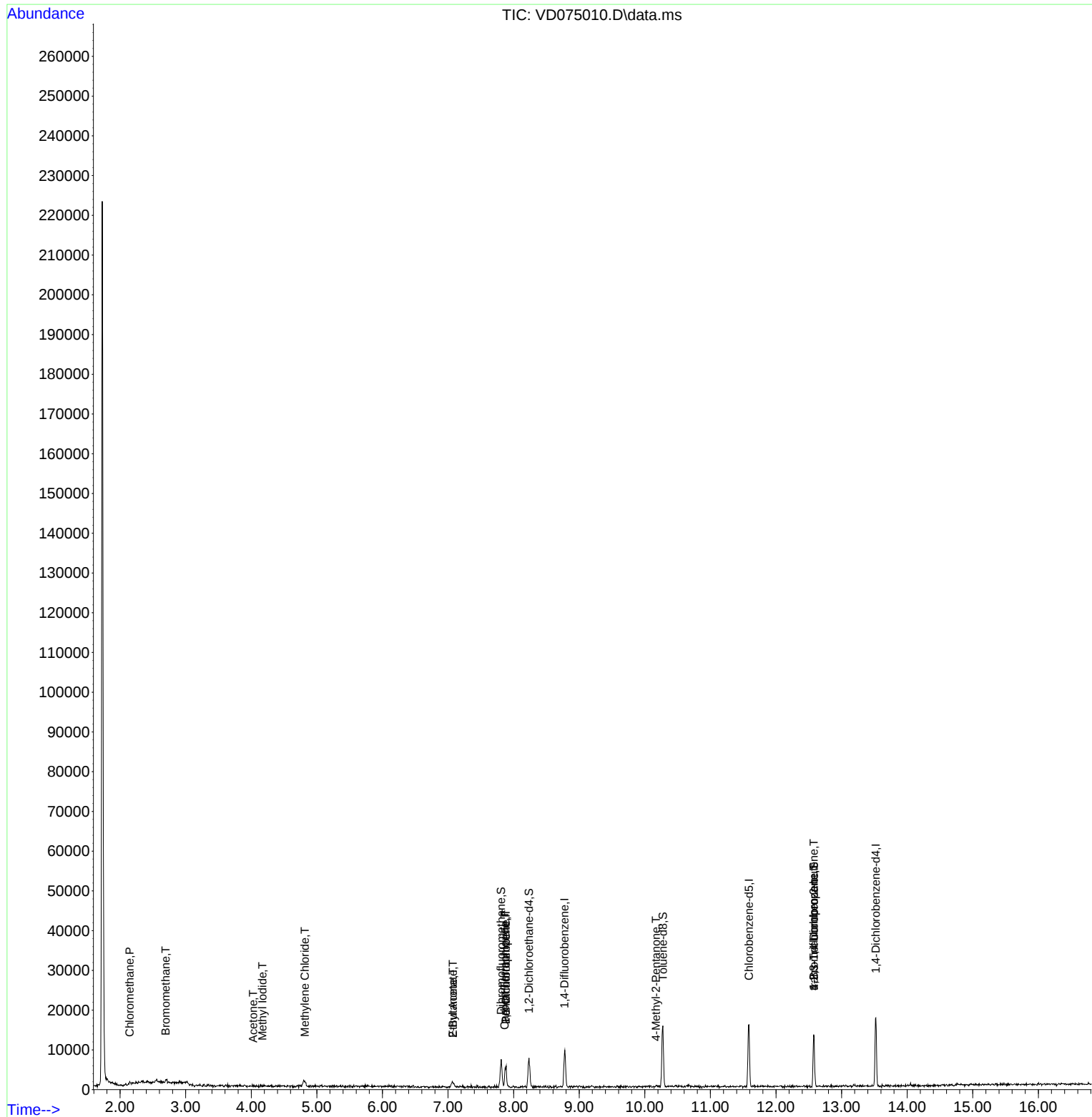
Internal Standards						
1) Pentafluorobenzene	7.881	168	5375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	10837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	11694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5387	164.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 328.780%#	
35) Dibromofluoromethane	7.810	113	4803	71.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.800%	
50) Toluene-d8	10.275	98	12480	56.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.420%	
62) 4-Bromofluorobenzene	12.575	95	4350	64.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	333	2.346	ug/l #	37
5) Bromomethane	2.693	94	582	9.483	ug/l #	74
10) Methyl Iodide	4.169	142	66	5.685	ug/l #	43
16) Acetone	4.028	43	109	12.284	ug/l #	37
20) Methylene Chloride	4.816	84	1478	8.661	ug/l #	89
25) 2-Butanone	7.075	43	70	6.033	ug/l #	42
36) 1,1-Dichloropropene	7.881	75	183	1.864	ug/l #	39
37) Ethyl Acetate	7.075	43	70	2.125	ug/l #	66
38) Carbon Tetrachloride	7.863	117	213	2.305	ug/l #	14
51) 4-Methyl-2-Pentanone	10.169	43	80	2.892	ug/l #	29
76) 1,2,3-Trichloropropane	12.575	75	2122	42.525	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	2122	104.613	ug/l #	17

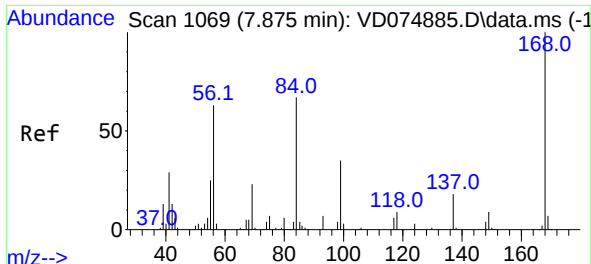
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
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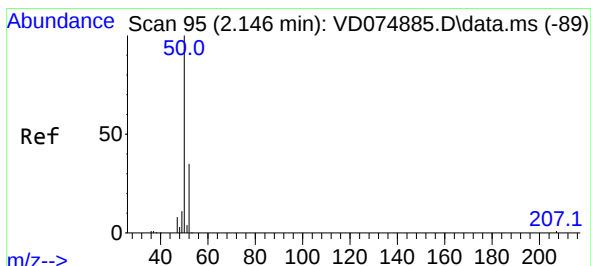
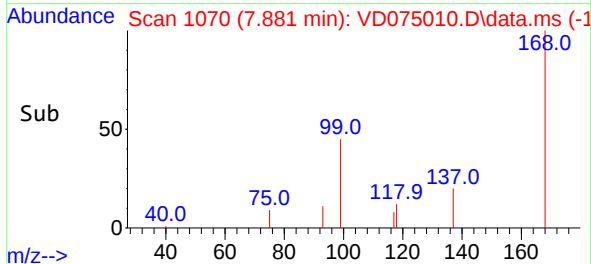
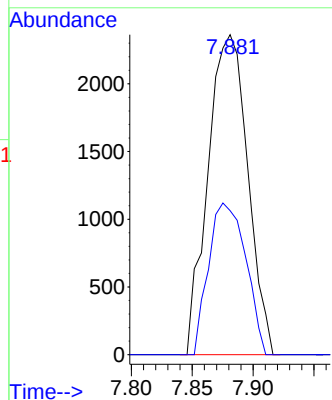
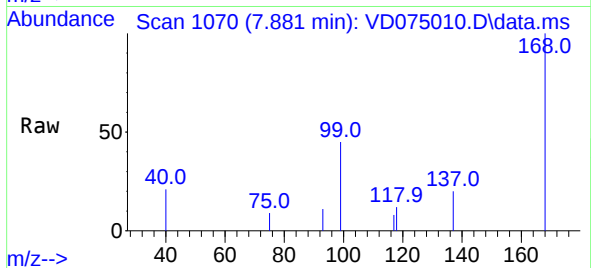




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

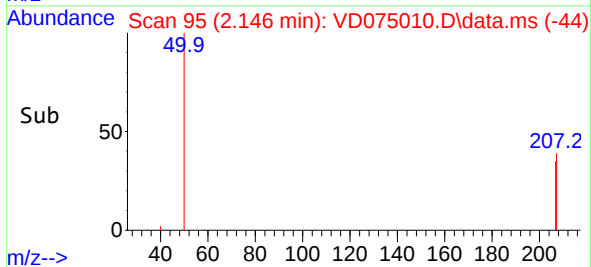
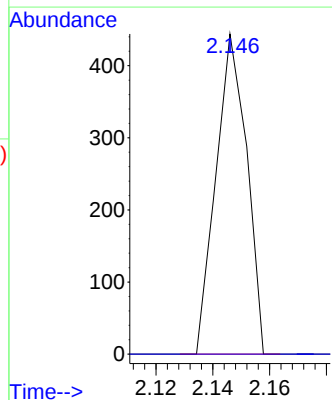
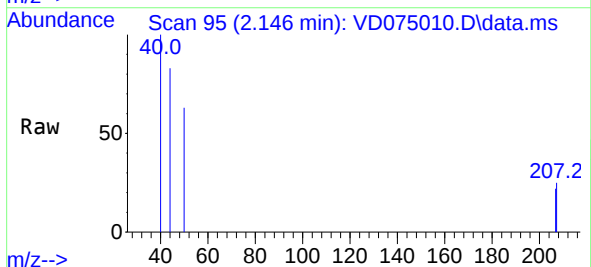
Instrument :
MSVOA_D
ClientSampleId :

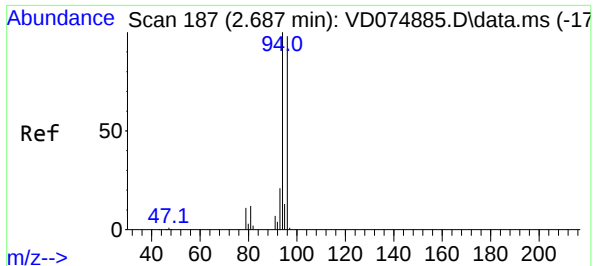
Tgt Ion:168 Resp: 5375
Ion Ratio Lower Upper
168 100
99 45.0 40.9 61.3



#3
Chloromethane
Concen: 2.346 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

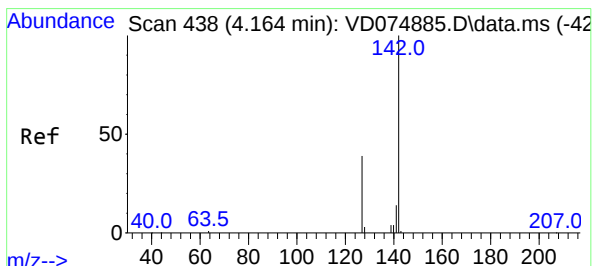
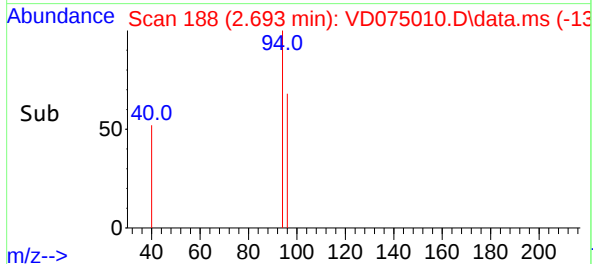
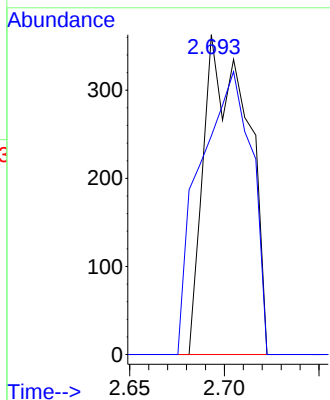
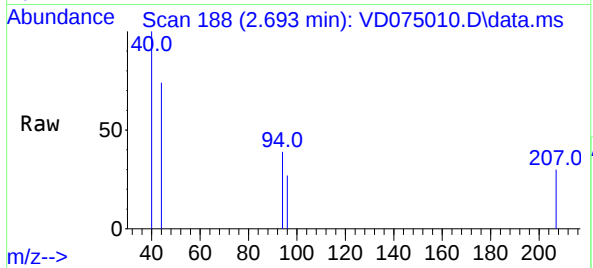




#5
Bromomethane
Concen: 9.483 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

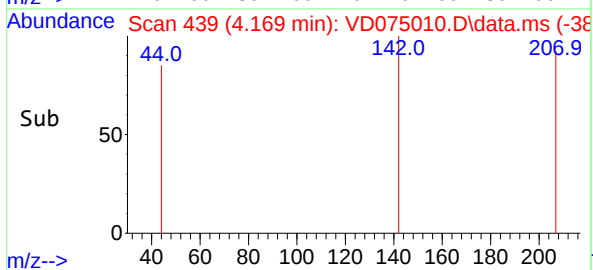
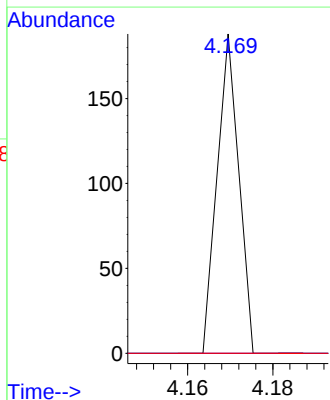
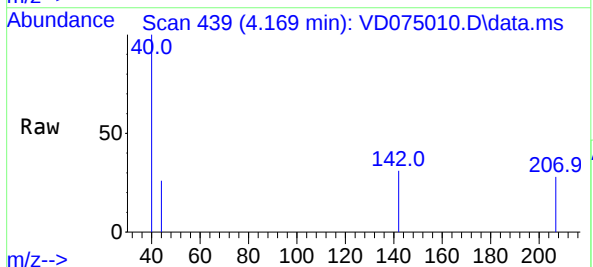
Instrument :
MSVOA_D
ClientSampleId :

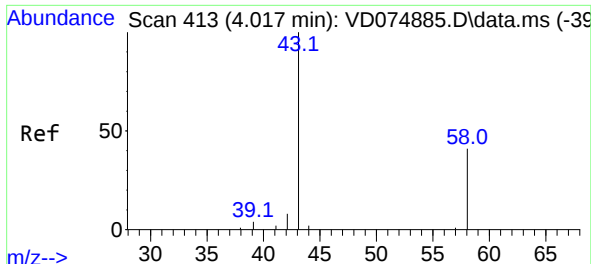
Tgt Ion: 94 Resp: 582
Ion Ratio Lower Upper
94 100
96 68.3 74.6 112.0#



#10
Methyl Iodide
Concen: 5.685 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Tgt Ion:142 Resp: 66
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

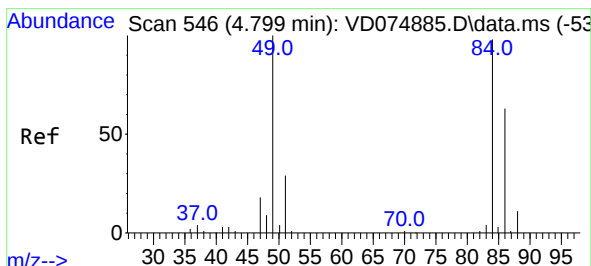
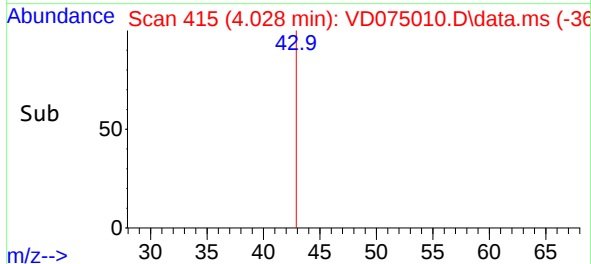
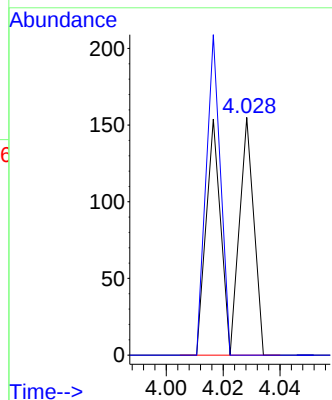
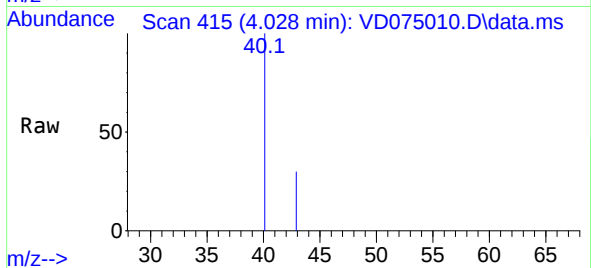




#16
Acetone
Concen: 12.284 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

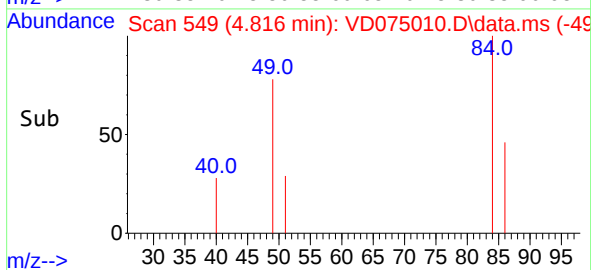
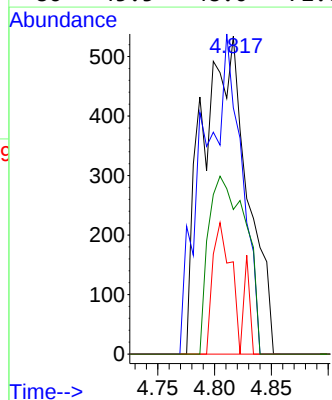
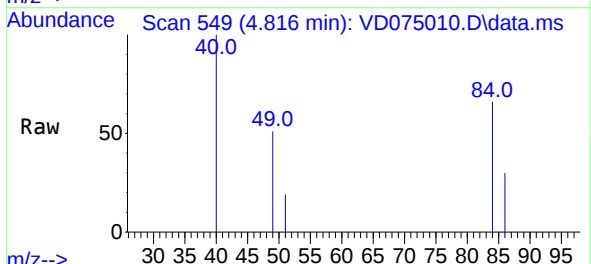
Instrument :
MSVOA_D
ClientSampleId :

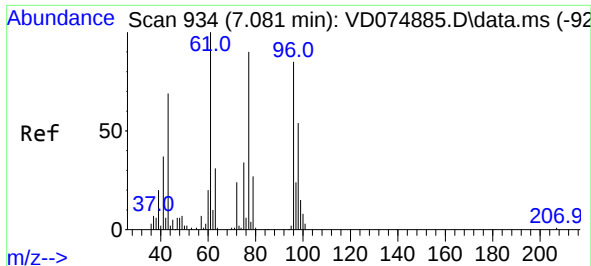
Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 8.661 ug/l
RT: 4.816 min Scan# 549
Delta R.T. 0.017 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

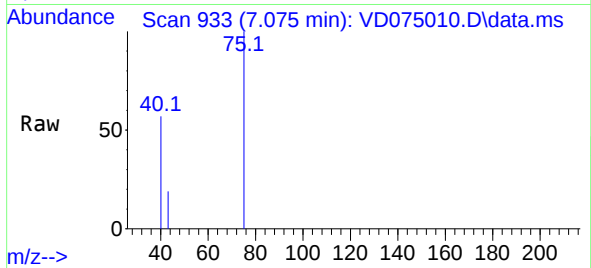
Tgt Ion: 84 Resp: 1478
Ion Ratio Lower Upper
84 100
49 77.5 68.0 102.0
51 29.0 23.2 34.8
86 45.5 48.0 72.0#



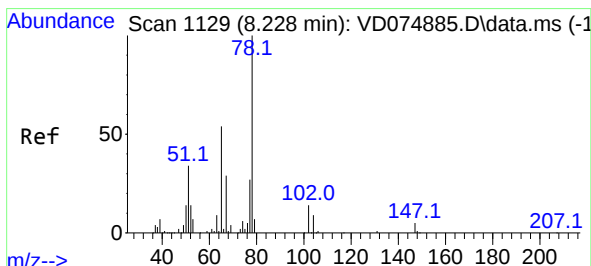
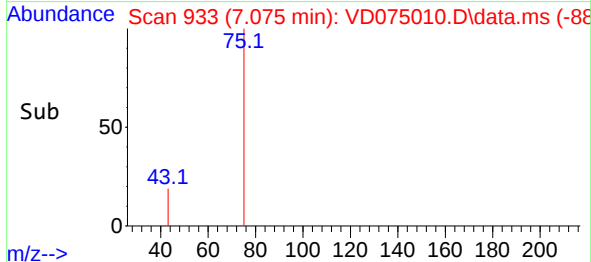
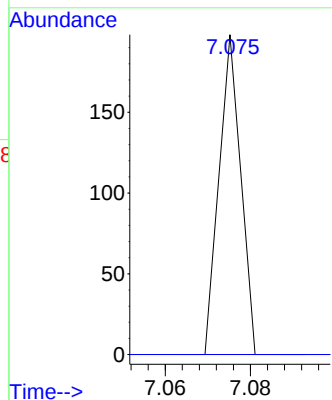


#25
2-Butanone
Concen: 6.033 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :

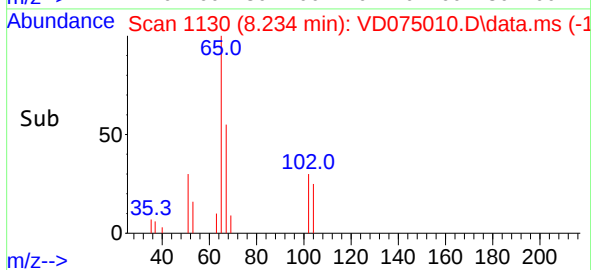
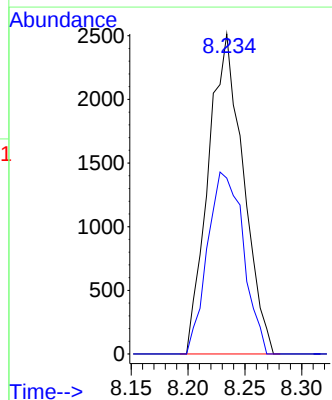
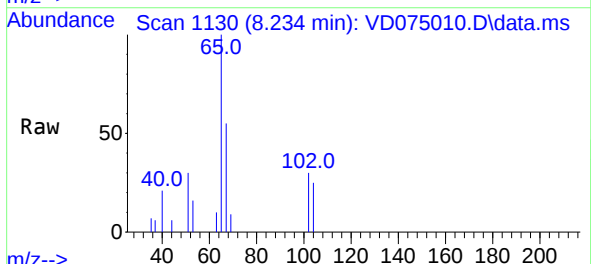


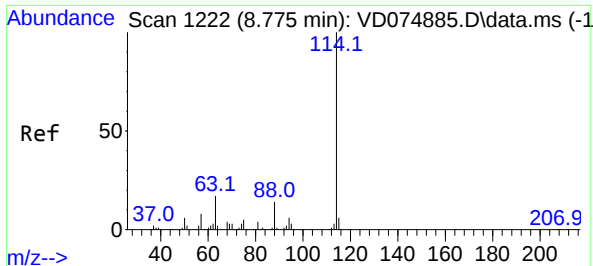
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#33
1,2-Dichloroethane-d4
Concen: 164.388 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Tgt Ion: 65 Resp: 5387
Ion Ratio Lower Upper
65 100
67 58.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075010.D

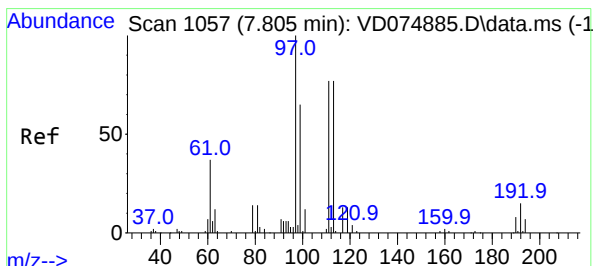
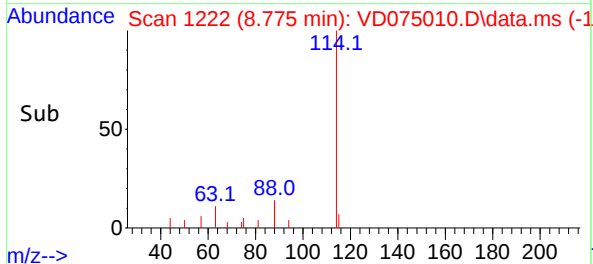
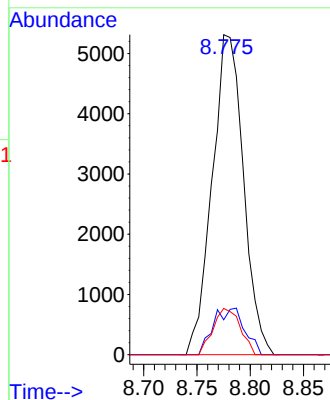
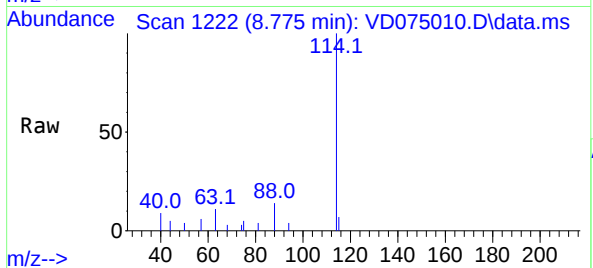
Acq: 21 Nov 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	10837
Ion	Ratio	Lower Upper
114	100	
63	10.9	0.0 33.2
88	14.5	0.0 28.2



#35

Dibromofluoromethane

Concen: 71.898 ug/l

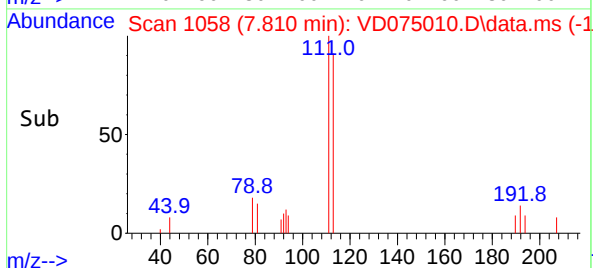
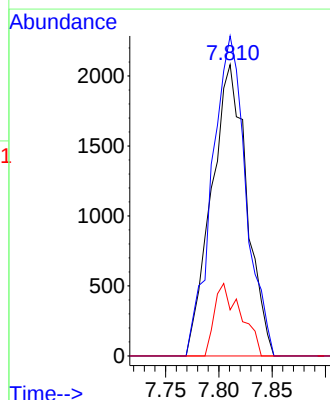
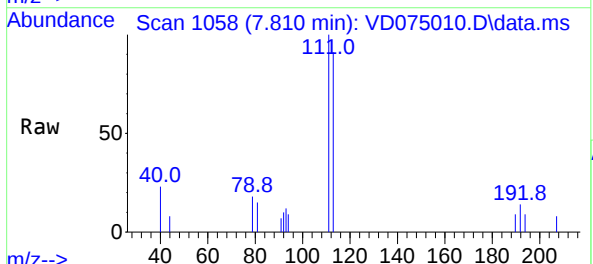
RT: 7.810 min Scan# 1058

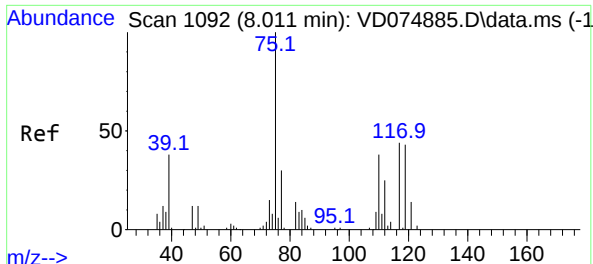
Delta R.T. 0.005 min

Lab File: VD075010.D

Acq: 21 Nov 2022 18:11

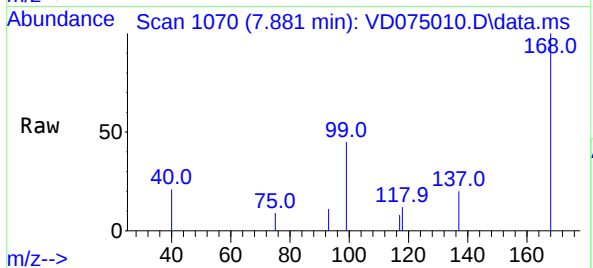
Tgt Ion:113	Resp:	4803
Ion	Ratio	Lower Upper
113	100	
111	105.2	82.3 123.5
192	18.6	16.4 24.6



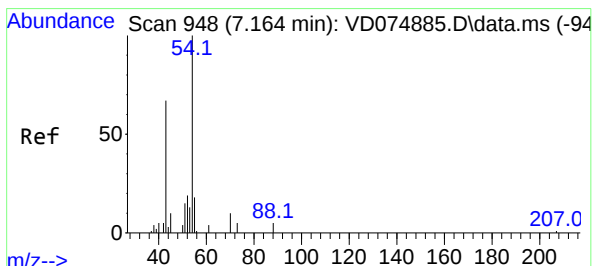
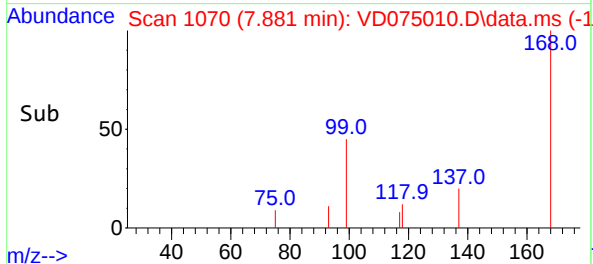
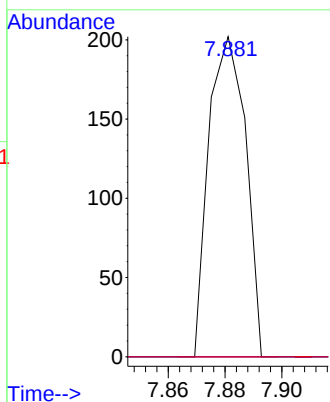


#36
1,1-Dichloropropene
Concen: 1.864 ug/l
RT: 7.881 min Scan# 1092
Delta R.T. -0.130 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :

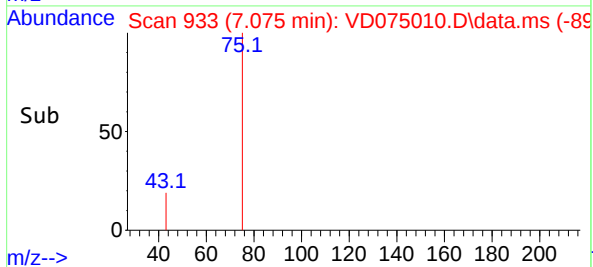
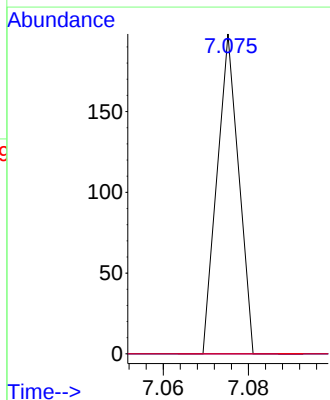
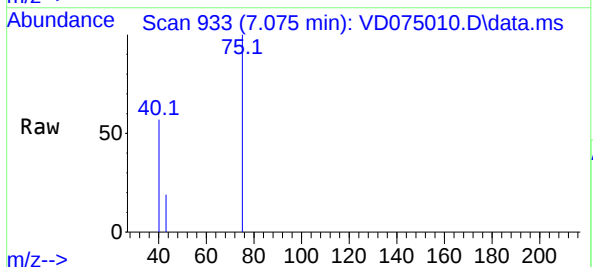


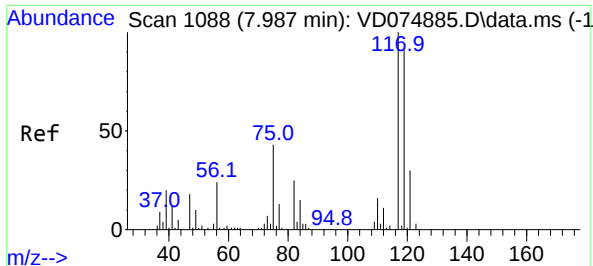
Tgt Ion: 75 Resp: 183
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 2.125 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.089 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

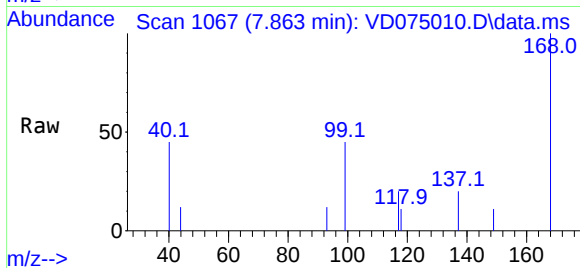
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.6 14.4#



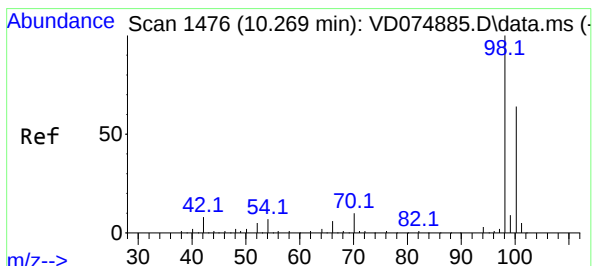
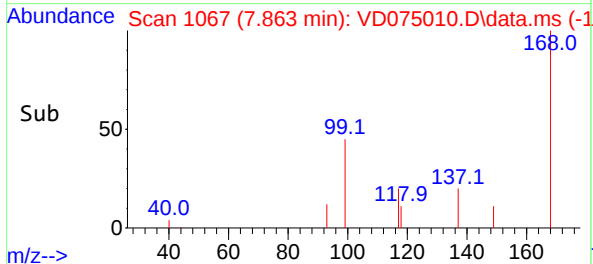
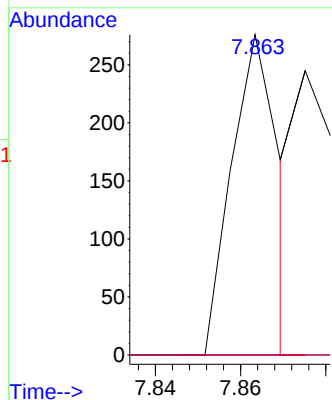


#38
Carbon Tetrachloride
Concen: 2.305 ug/l
RT: 7.863 min Scan# 10
Delta R.T. -0.124 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :

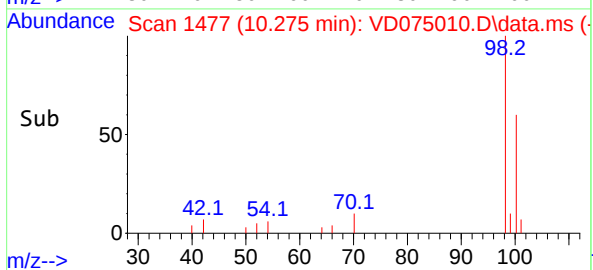
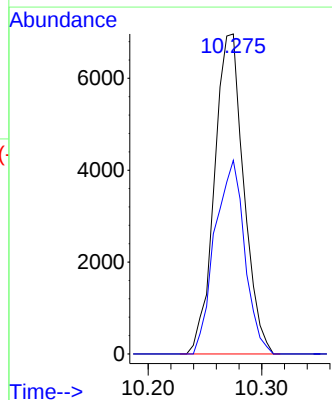
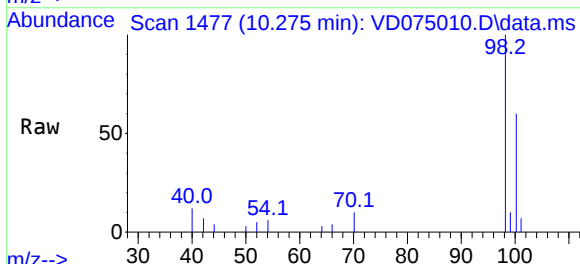


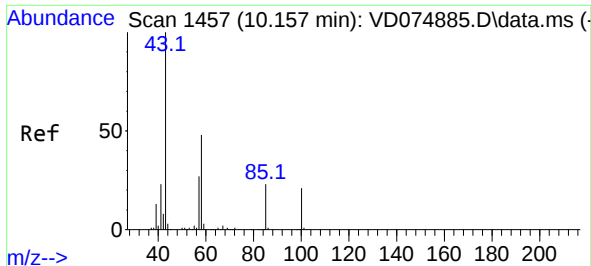
Tgt Ion:117 Resp: 213
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 56.714 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

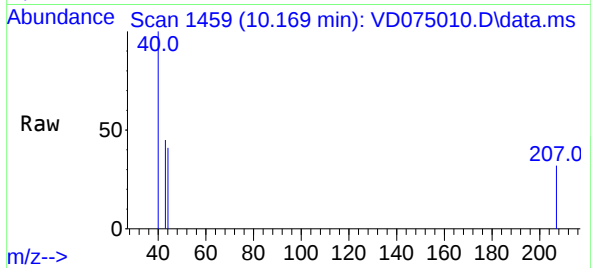
Tgt Ion: 98 Resp: 12480
Ion Ratio Lower Upper
98 100
100 61.5 51.4 77.0



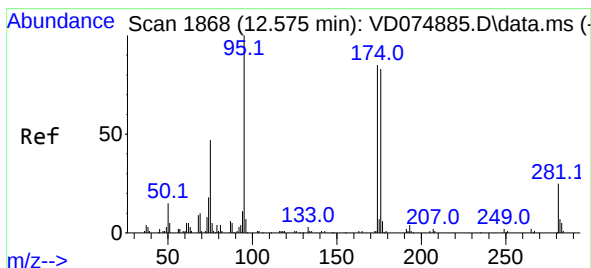
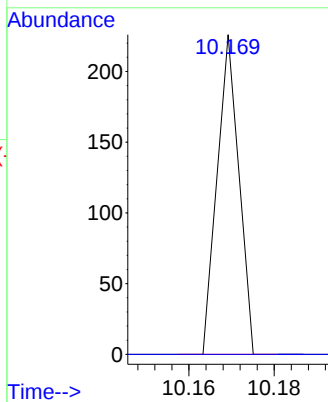
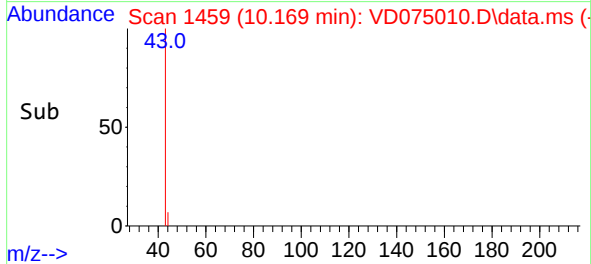


#51
4-Methyl-2-Pentanone
Concen: 2.892 ug/l
RT: 10.169 min Scan# 1457
Delta R.T. 0.012 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

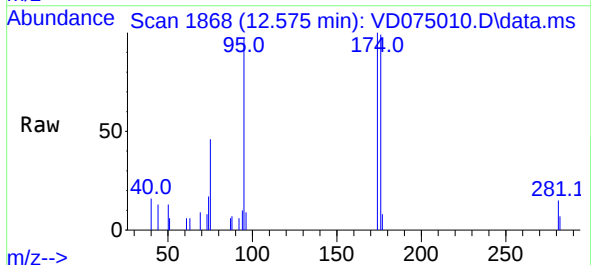
Instrument :
MSVOA_D
ClientSampleId :



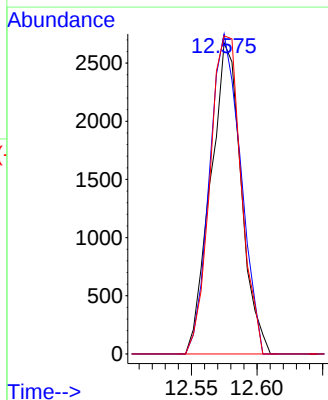
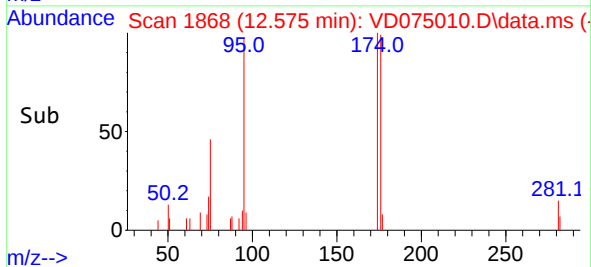
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
58 0.0 37.8 56.6#

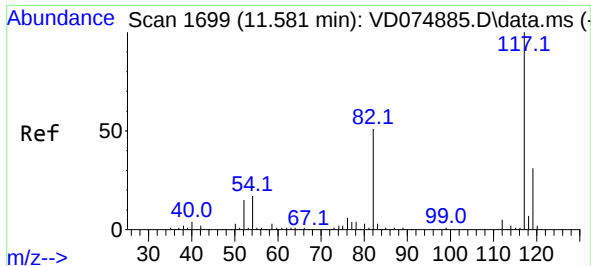


#62
4-Bromofluorobenzene
Concen: 64.378 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11



Tgt Ion: 95 Resp: 4350
Ion Ratio Lower Upper
95 100
174 104.4 0.0 197.0
176 103.5 0.0 182.6

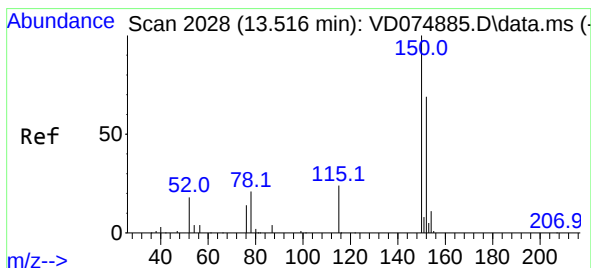
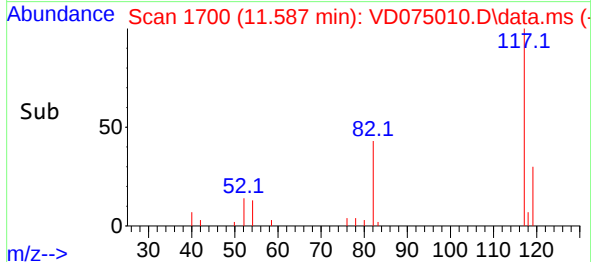
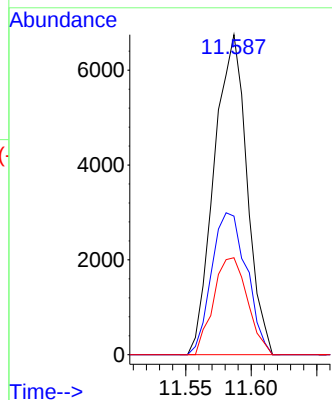
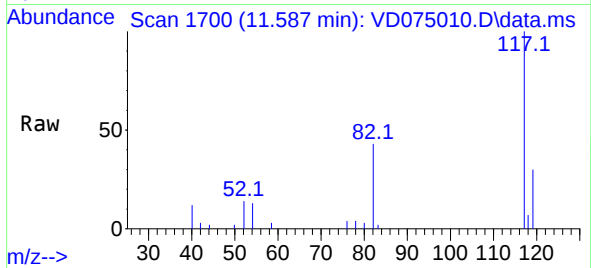




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

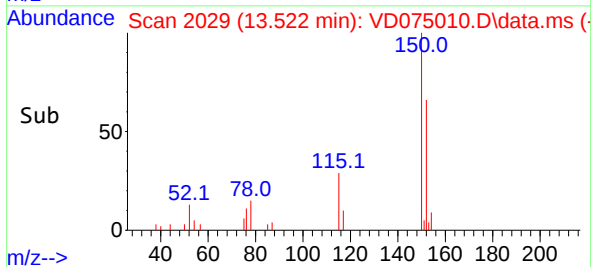
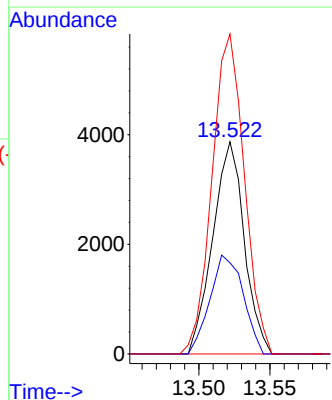
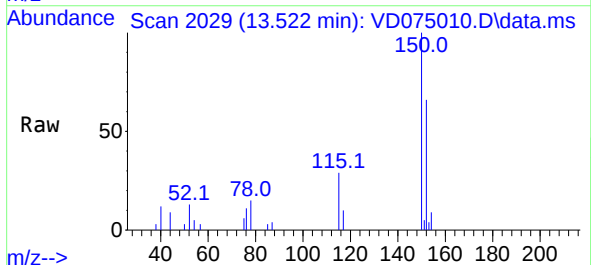
Instrument :
MSVOA_D
ClientSampleId :

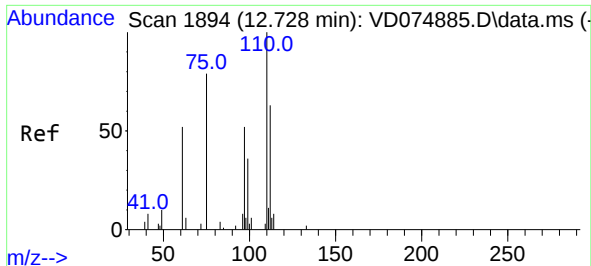
Tgt Ion	Ratio	Lower	Upper
117	100		
82	43.3	41.6	62.4
119	30.3	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.1	26.8	80.4
150	154.7	0.0	348.2

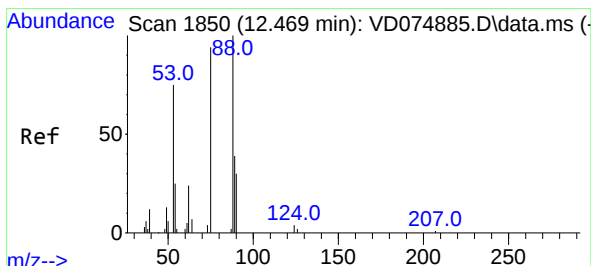
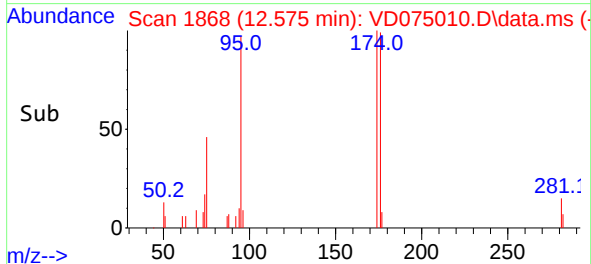
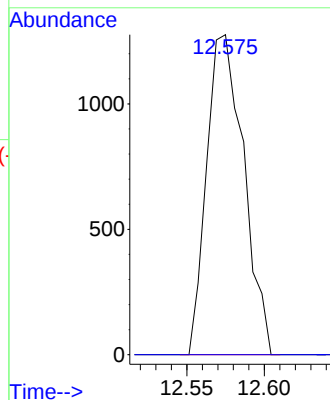
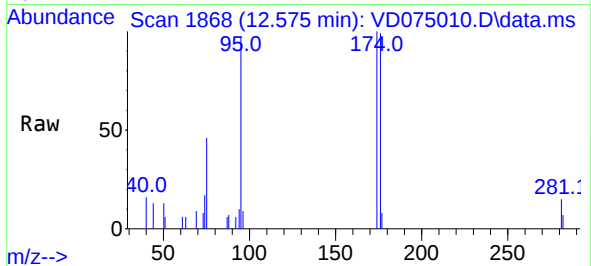




#76
1,2,3-Trichloropropane
Concen: 42.525 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2122
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.613 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Tgt Ion: 75 Resp: 2122
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

