

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074808.D
 Acq On : 08 Nov 2022 17:25
 Operator : VA/SY
 Sample : N5494-03RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 23:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

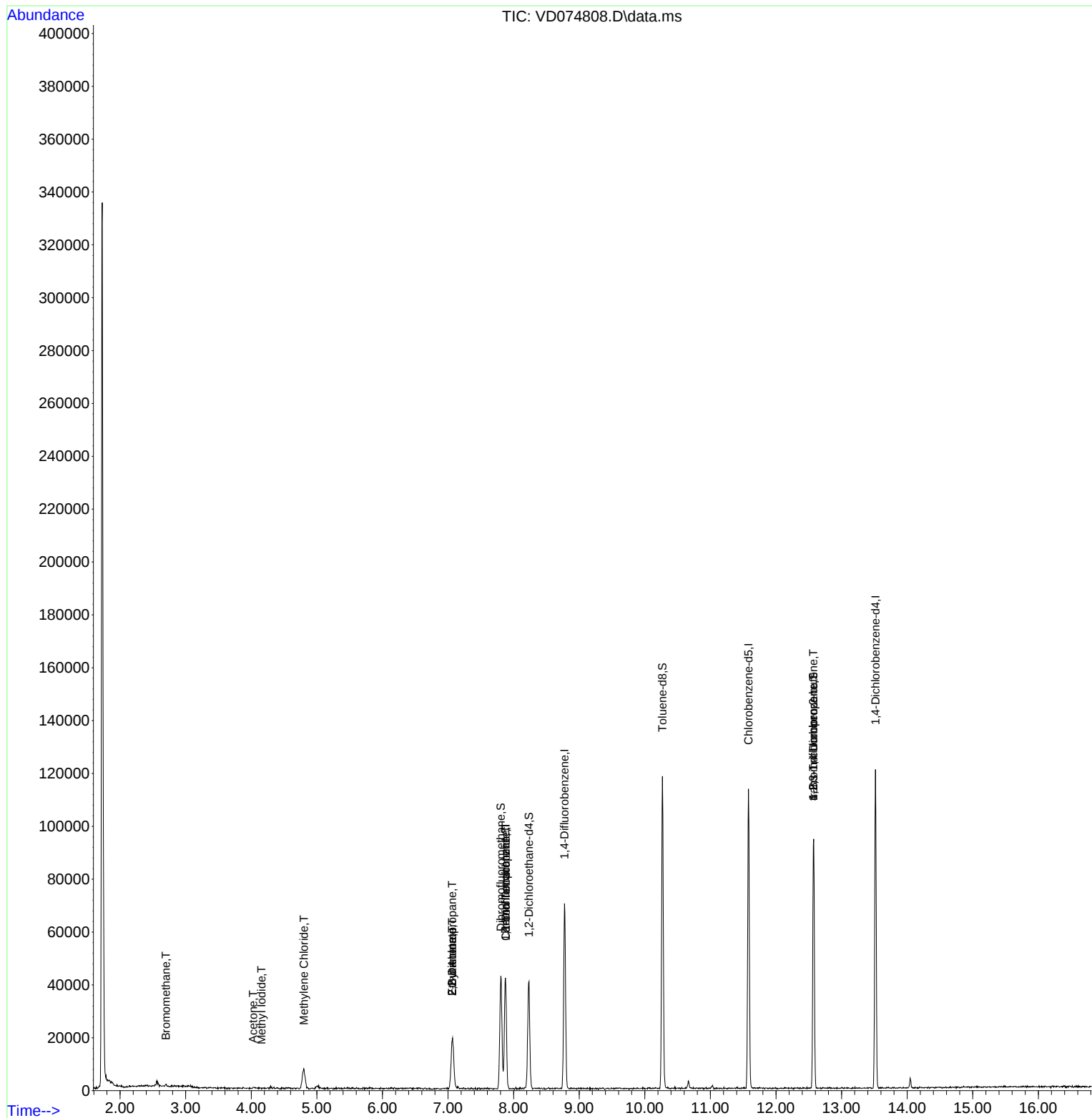
Internal Standards						
1) Pentafluorobenzene	7.875	168	36127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	68981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	71451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	34975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31643	110.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 221.180%#	
35) Dibromofluoromethane	7.805	113	31112	76.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 152.500%#	
50) Toluene-d8	10.269	98	85937	57.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.480%	
62) 4-Bromofluorobenzene	12.569	95	29758	69.243	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 138.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	453	1.151	ug/l	84
10) Methyl Iodide	4.158	142	53	5.652	ug/l #	43
11) Tert butyl alcohol	5.052	59	73	Below Cal	#	84
16) Acetone	4.028	43	362	6.063	ug/l #	37
20) Methylene Chloride	4.805	84	6797	2.864	ug/l	96
25) 2-Butanone	7.063	43	806	9.817	ug/l #	42
26) 2,2-Dichloropropane	7.063	77	1249	2.088	ug/l #	50
36) 1,1-Dichloropropene	7.881	75	2712	4.379	ug/l #	41
37) Ethyl Acetate	7.063	43	806	3.901	ug/l #	1
38) Carbon Tetrachloride	7.881	117	3465	5.905	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	14658	54.063	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	14658	128.332	ug/l #	17

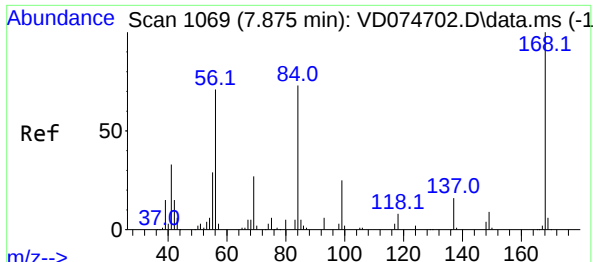
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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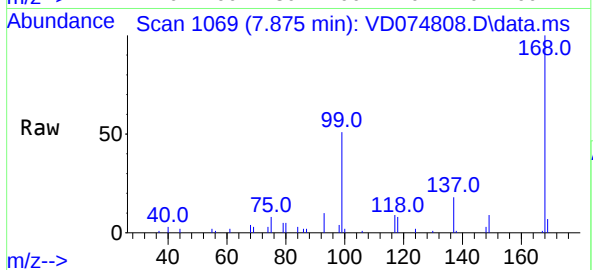
Quant Time: Nov 08 23:39:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration



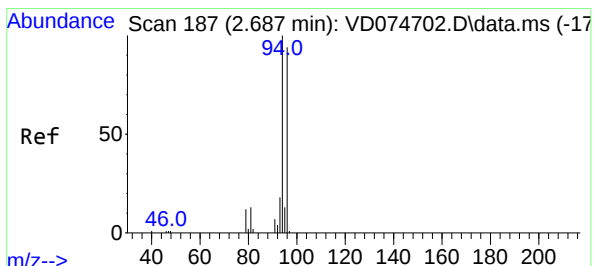
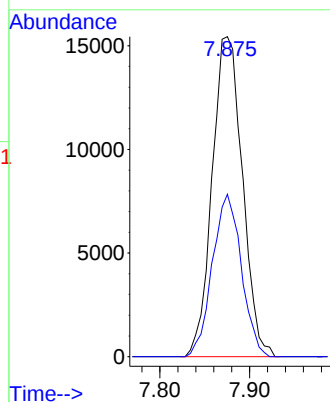
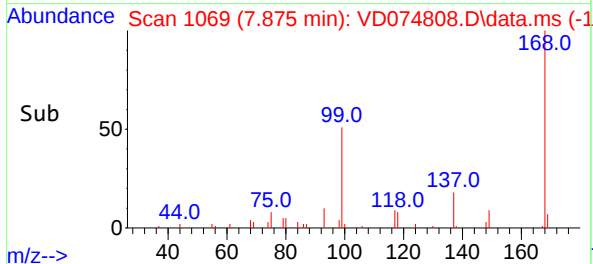


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Instrument :
MSVOA_D
ClientSampleId :

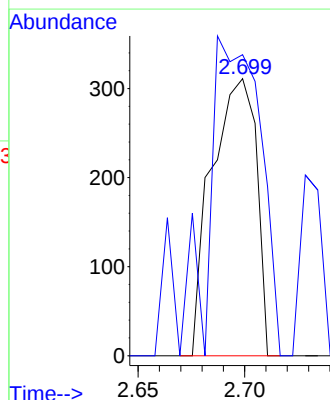
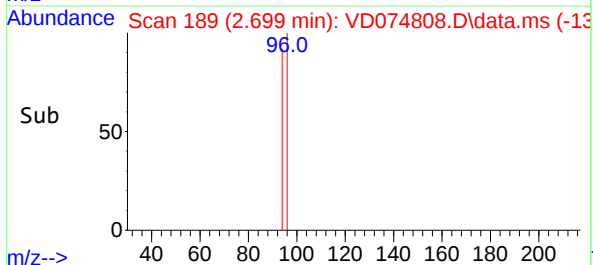
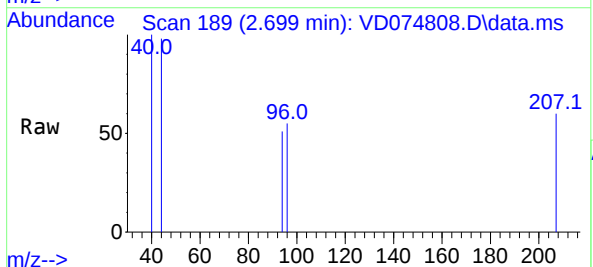


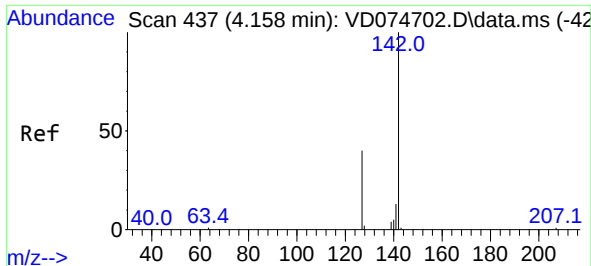
Tgt Ion:168 Resp: 36127
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#5
Bromomethane
Concen: 1.151 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

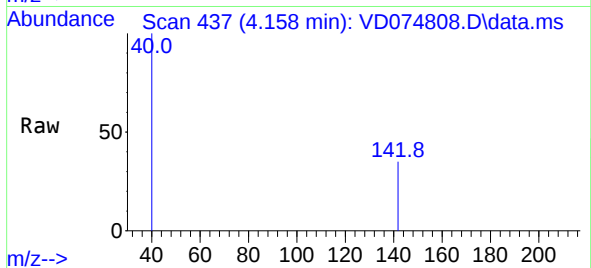
Tgt Ion: 94 Resp: 453
Ion Ratio Lower Upper
94 100
96 108.7 74.6 112.0



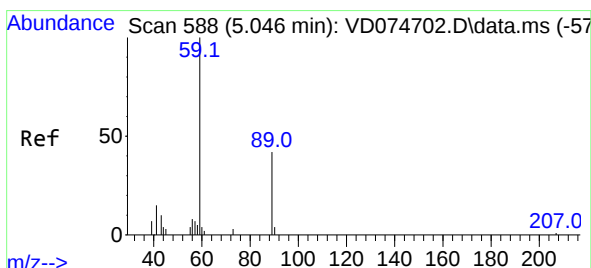
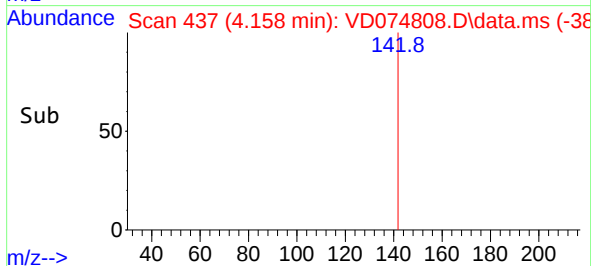
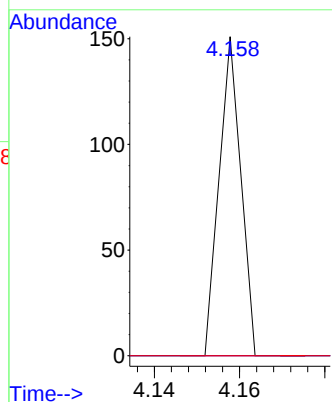


#10
Methyl Iodide
Concen: 5.652 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Instrument :
MSVOA_D
ClientSampleId :

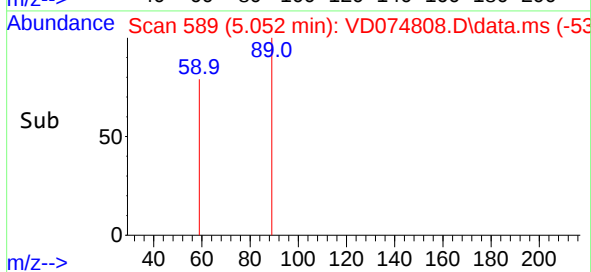
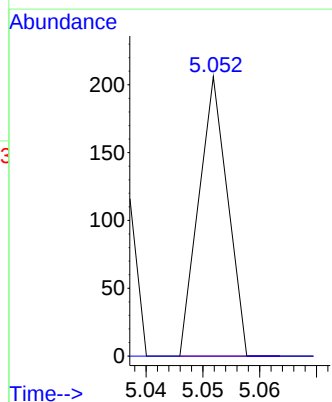
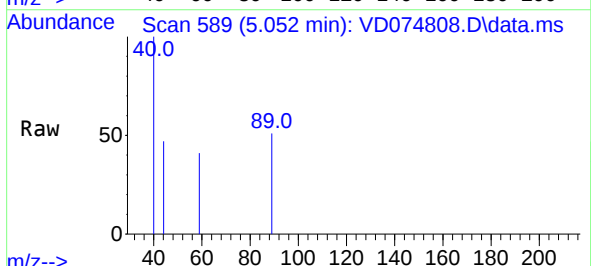


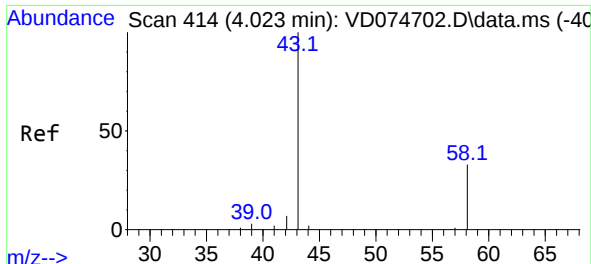
Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

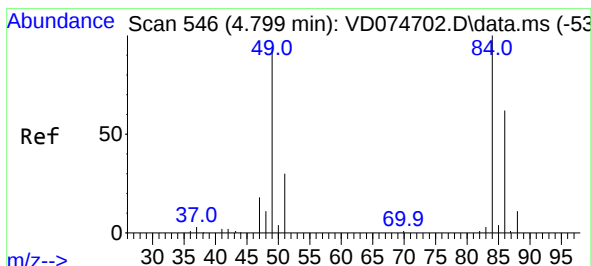
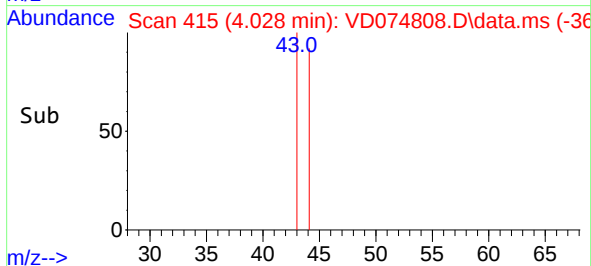
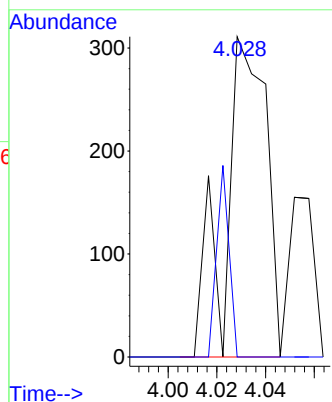
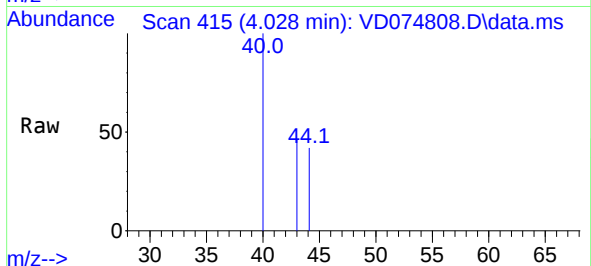




#16
Acetone
Concen: 6.063 ug/l
RT: 4.028 min Scan# 411
Delta R.T. 0.005 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

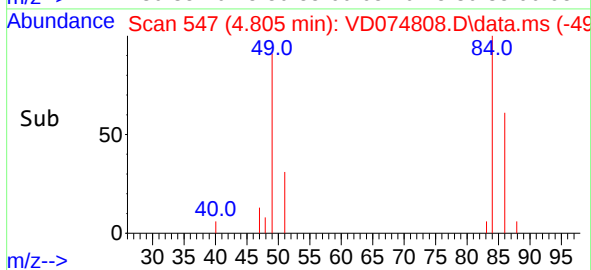
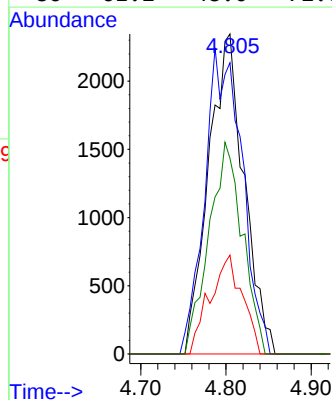
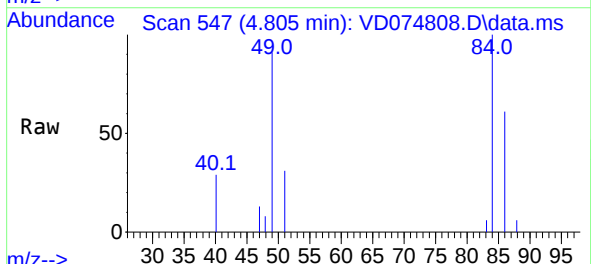
Instrument :
MSVOA_D
ClientSampleId :

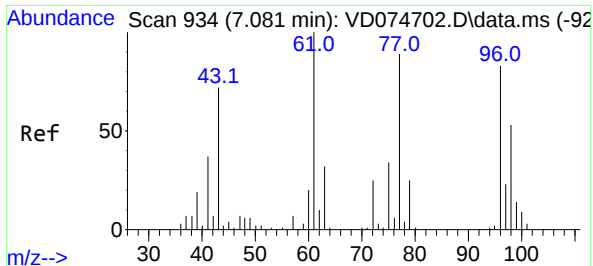
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 2.864 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Tgt Ion: 84 Resp: 6797
Ion Ratio Lower Upper
84 100
49 91.0 68.0 102.0
51 30.9 23.2 34.8
86 61.2 48.0 72.0

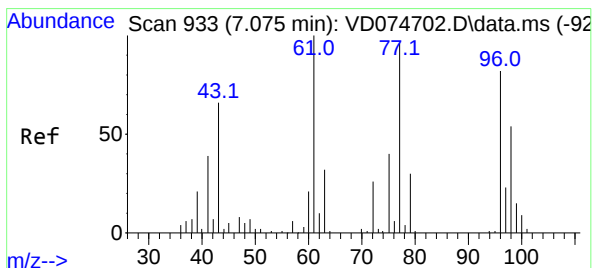
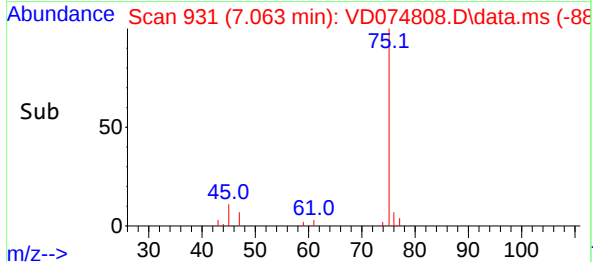
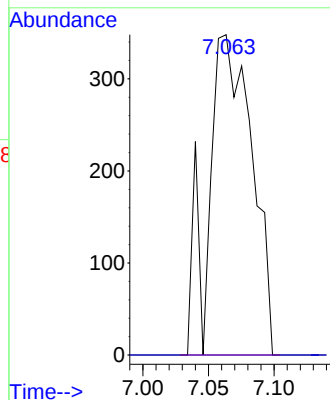
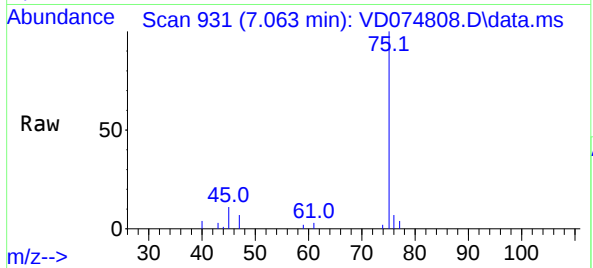




#25
2-Butanone
Concen: 9.817 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

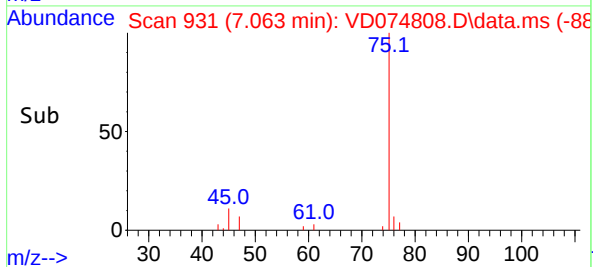
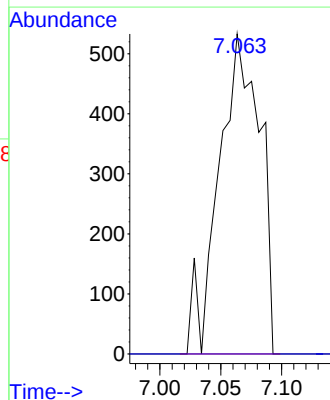
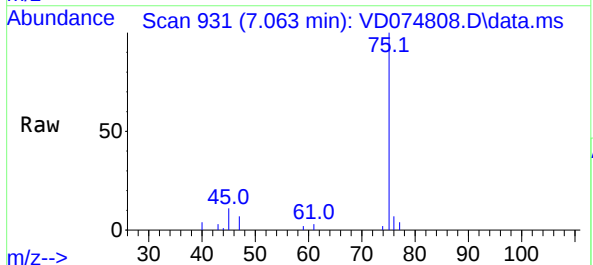
Instrument :
MSVOA_D
ClientSampleId :

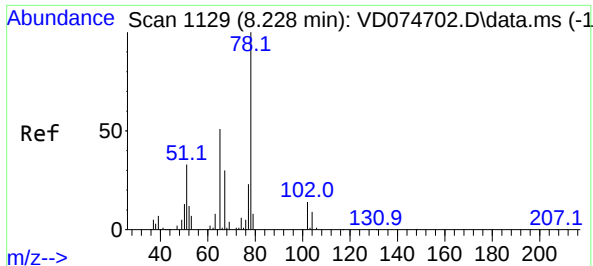
Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 2.088 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.012 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Tgt Ion: 77 Resp: 1249
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#





#33

1,2-Dichloroethane-d4

Concen: 110.588 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074808.D

Acq: 08 Nov 2022 17:25

Instrument :

MSVOA_D

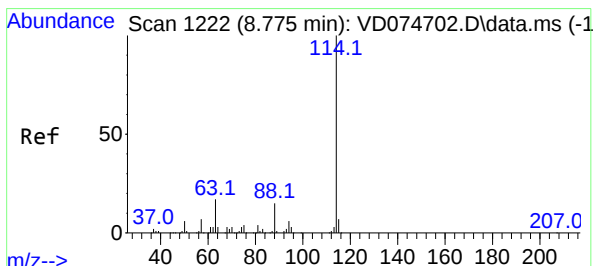
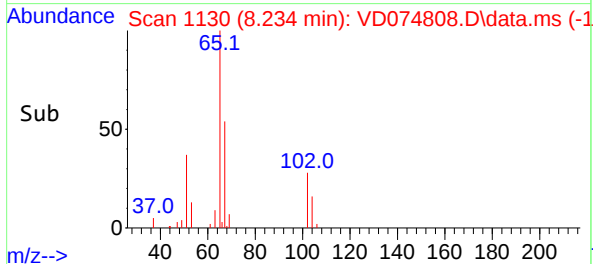
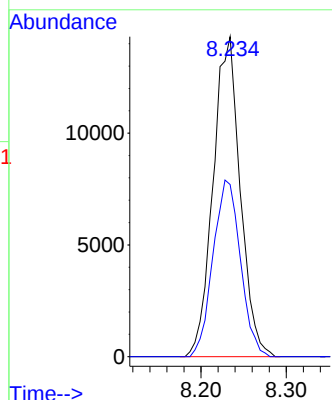
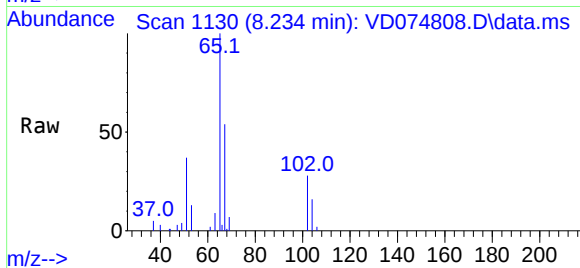
ClientSampleId :

Tgt Ion: 65 Resp: 31643

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074808.D

Acq: 08 Nov 2022 17:25

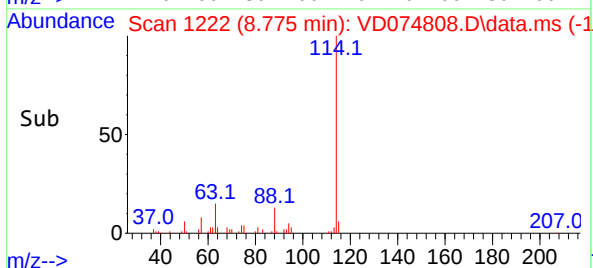
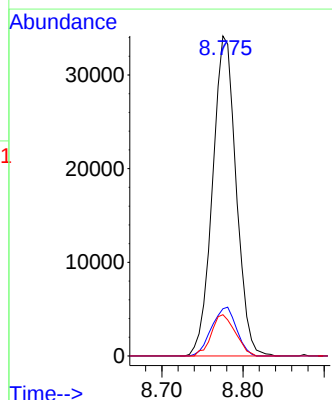
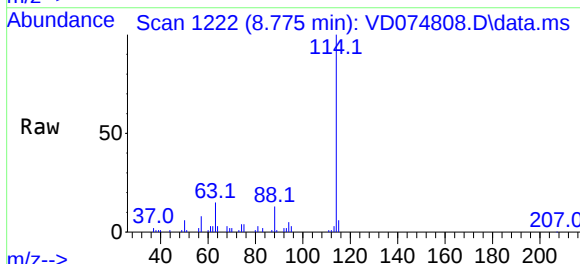
Tgt Ion: 114 Resp: 68981

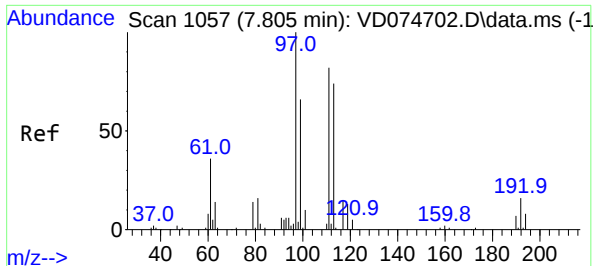
Ion Ratio Lower Upper

114 100

63 14.7 0.0 33.2

88 12.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 76.245 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074808.D

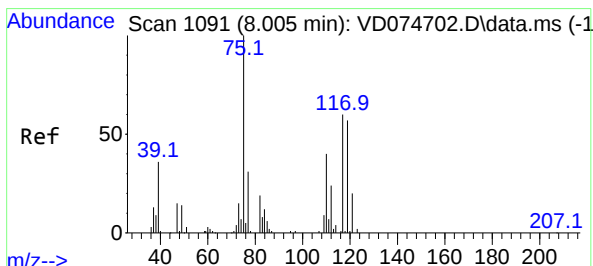
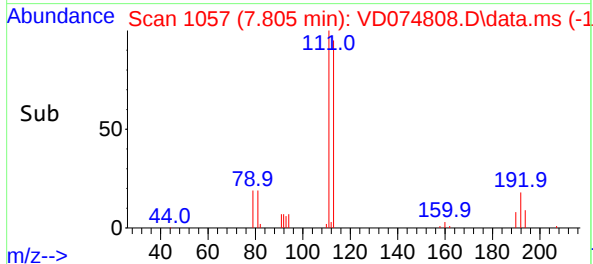
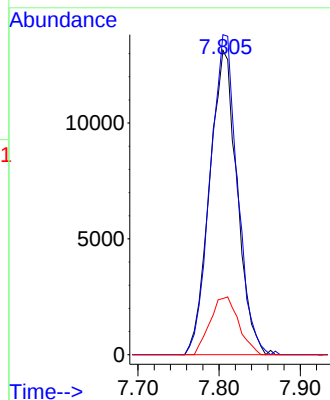
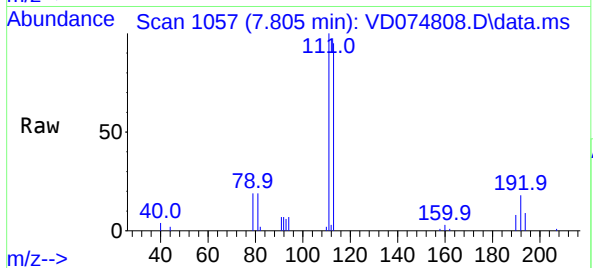
Acq: 08 Nov 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	31112
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	19.6	16.4	24.6



#36

1,1-Dichloropropene

Concen: 4.379 ug/l

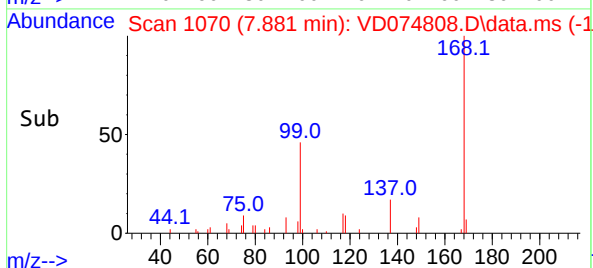
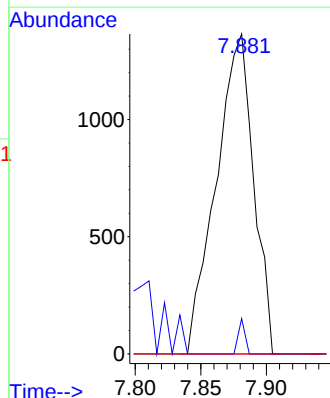
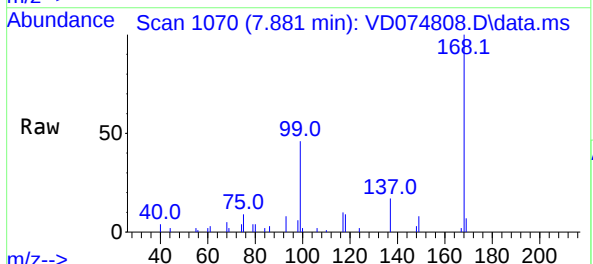
RT: 7.881 min Scan# 1070

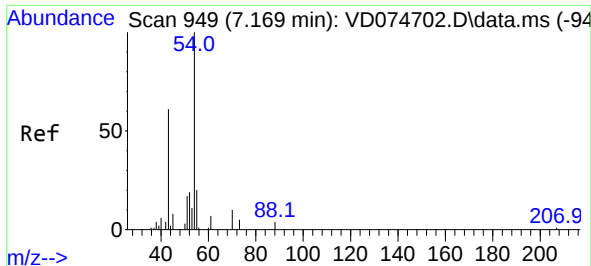
Delta R.T. -0.124 min

Lab File: VD074808.D

Acq: 08 Nov 2022 17:25

Tgt Ion:	75	Resp:	2712
Ion	Ratio	Lower	Upper
75	100		
110	2.0	19.7	59.0#
77	0.0	25.4	38.2#





#37

Ethyl Acetate

Concen: 3.901 ug/l

RT: 7.063 min Scan# 91

Delta R.T. -0.106 min

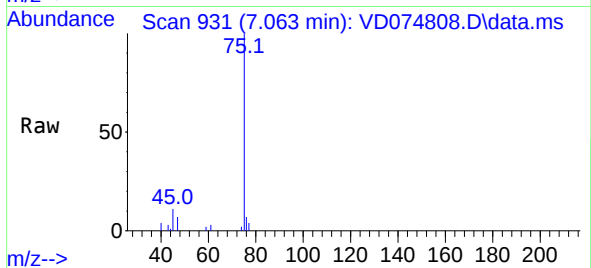
Lab File: VD074808.D

Acq: 08 Nov 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :



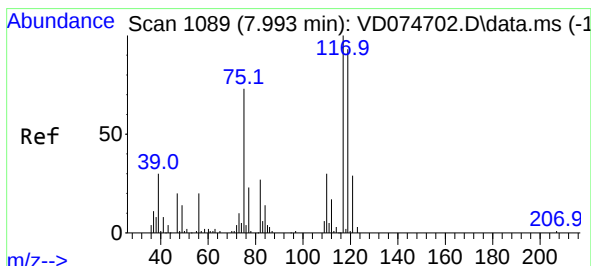
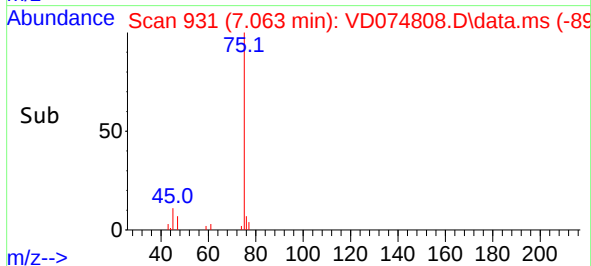
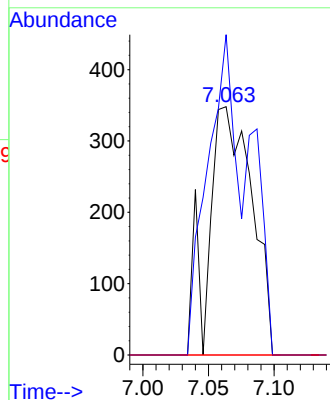
Tgt Ion: 43 Resp: 806

Ion Ratio Lower Upper

43 100

61 86.0 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 5.905 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD074808.D

Acq: 08 Nov 2022 17:25

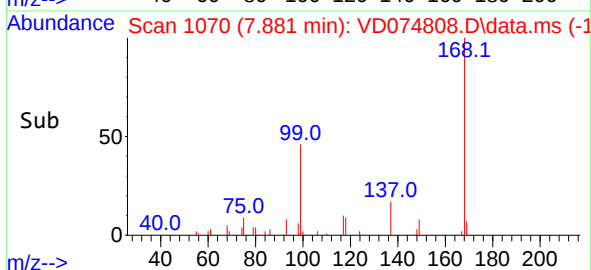
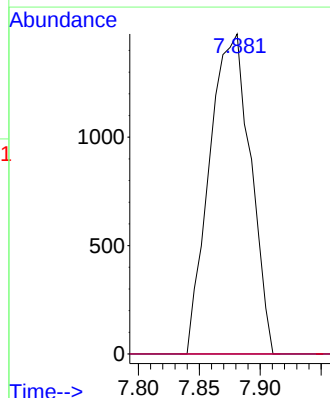
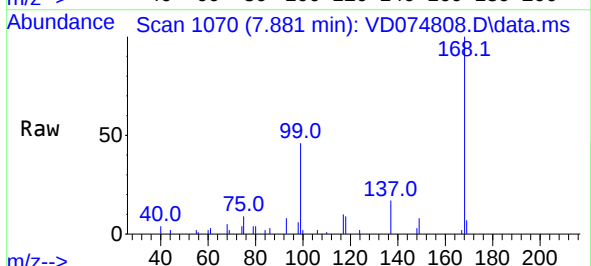
Tgt Ion: 117 Resp: 3465

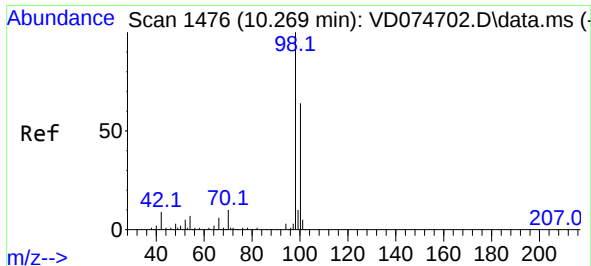
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

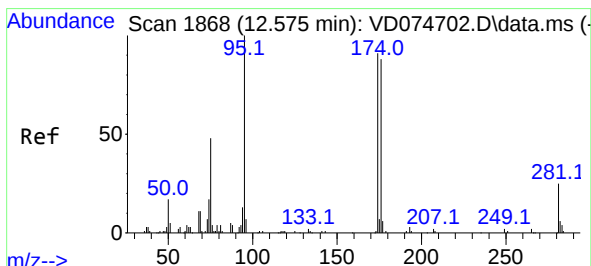
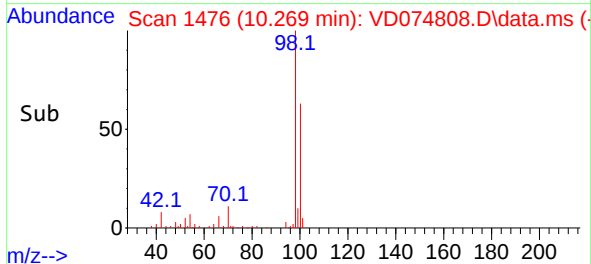
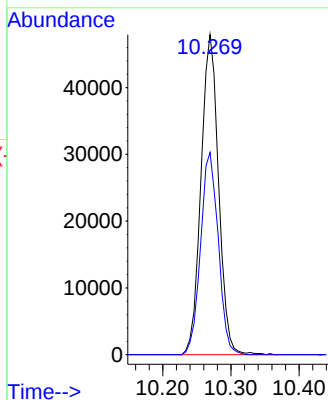
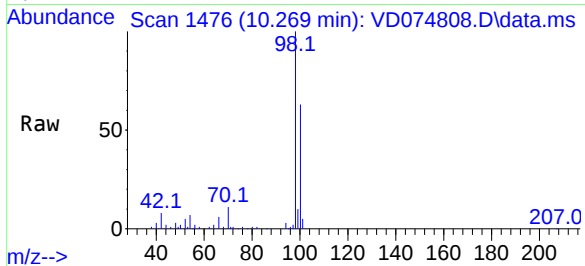




#50
Toluene-d8
Concen: 57.736 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

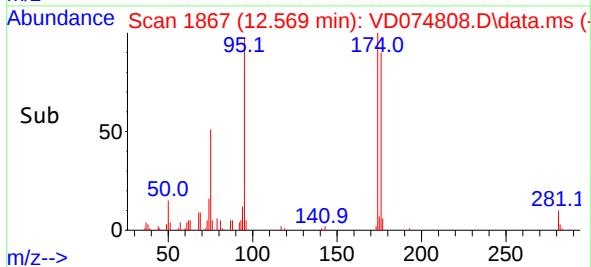
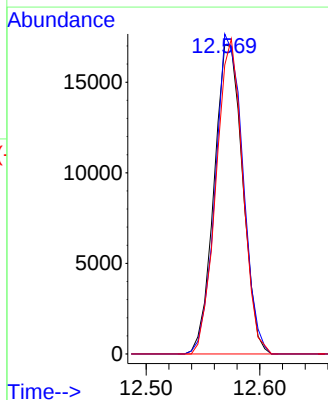
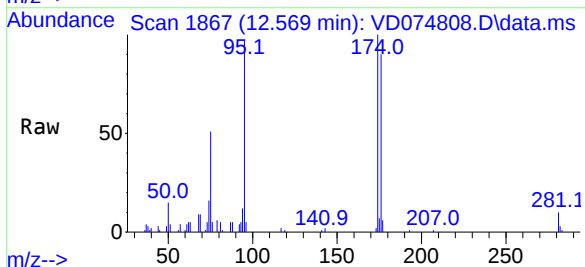
Instrument :
MSVOA_D
ClientSampleId :

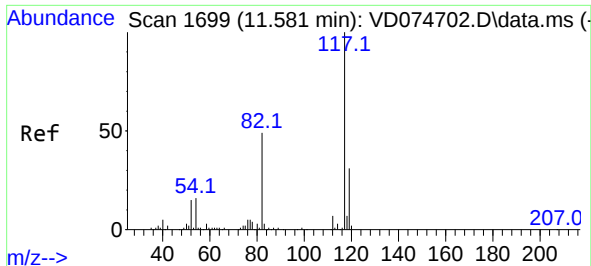
Tgt Ion: 98 Resp: 85937
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 69.243 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

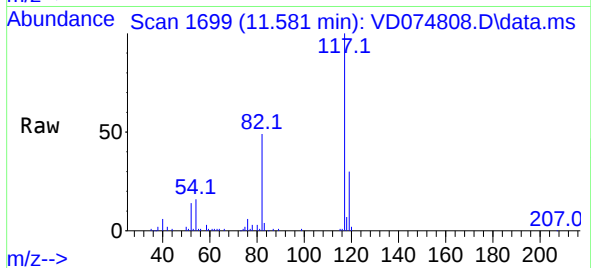
Tgt Ion: 95 Resp: 29758
Ion Ratio Lower Upper
95 100
174 100.1 0.0 197.0
176 95.2 0.0 182.6



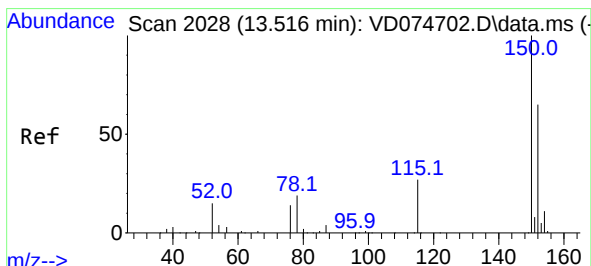
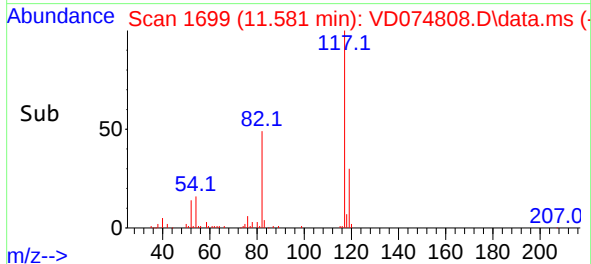
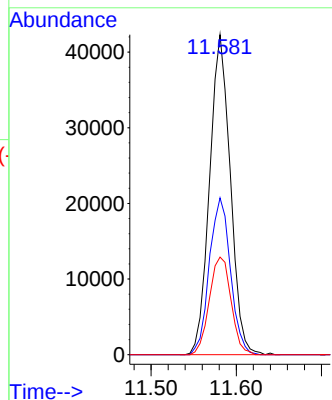


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Instrument :
MSVOA_D
ClientSampleId :

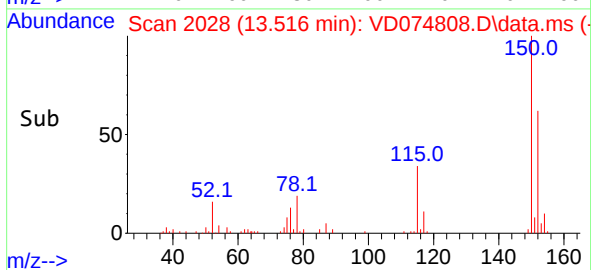
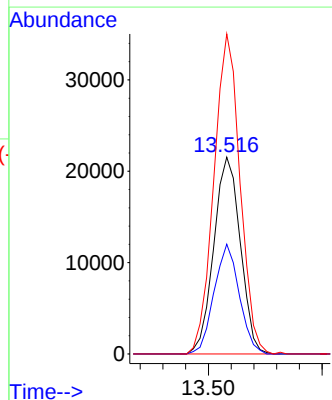
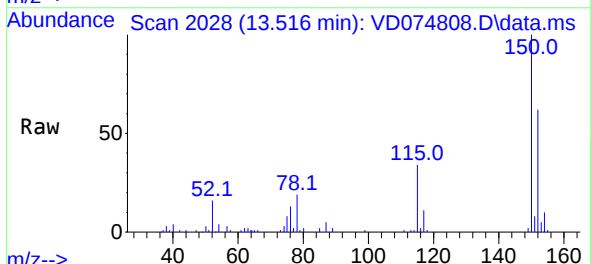


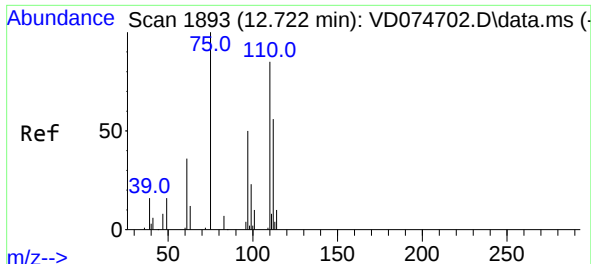
Tgt Ion:	117	Resp:	71451
Ion Ratio	Lower	Upper	
117	100		
82	49.0	41.6	62.4
119	30.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Tgt Ion:	152	Resp:	34975
Ion Ratio	Lower	Upper	
152	100		
115	52.9	26.8	80.4
150	160.2	0.0	348.2

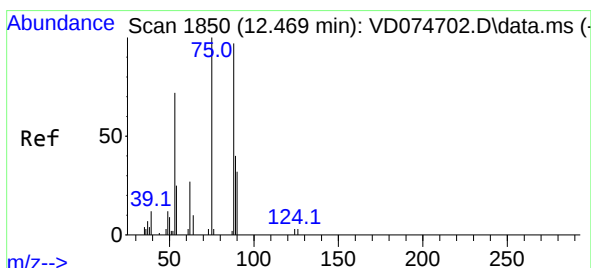
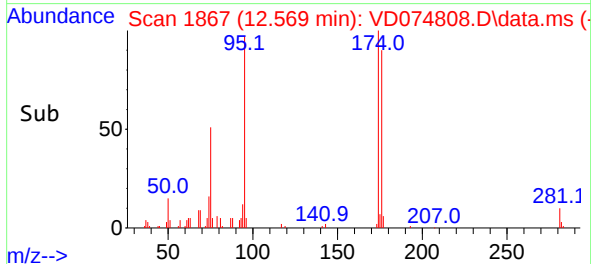
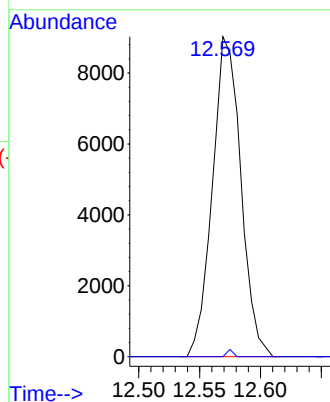
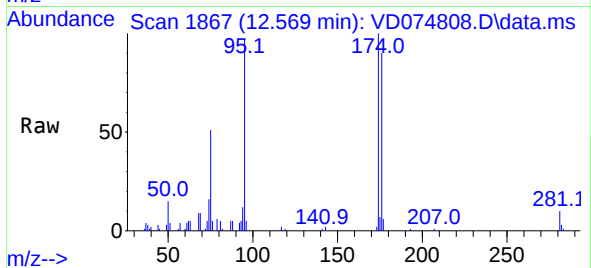




#76
1,2,3-Trichloropropane
Concen: 54.063 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 14658
Ion Ratio Lower Upper
75 100
77 0.5 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.332 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Tgt Ion: 75 Resp: 14658
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

