

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075383.D
 Acq On : 21 Feb 2023 16:22
 Operator : KP/SY
 Sample : VD0221SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBL01

Quant Time: Feb 21 17:58:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

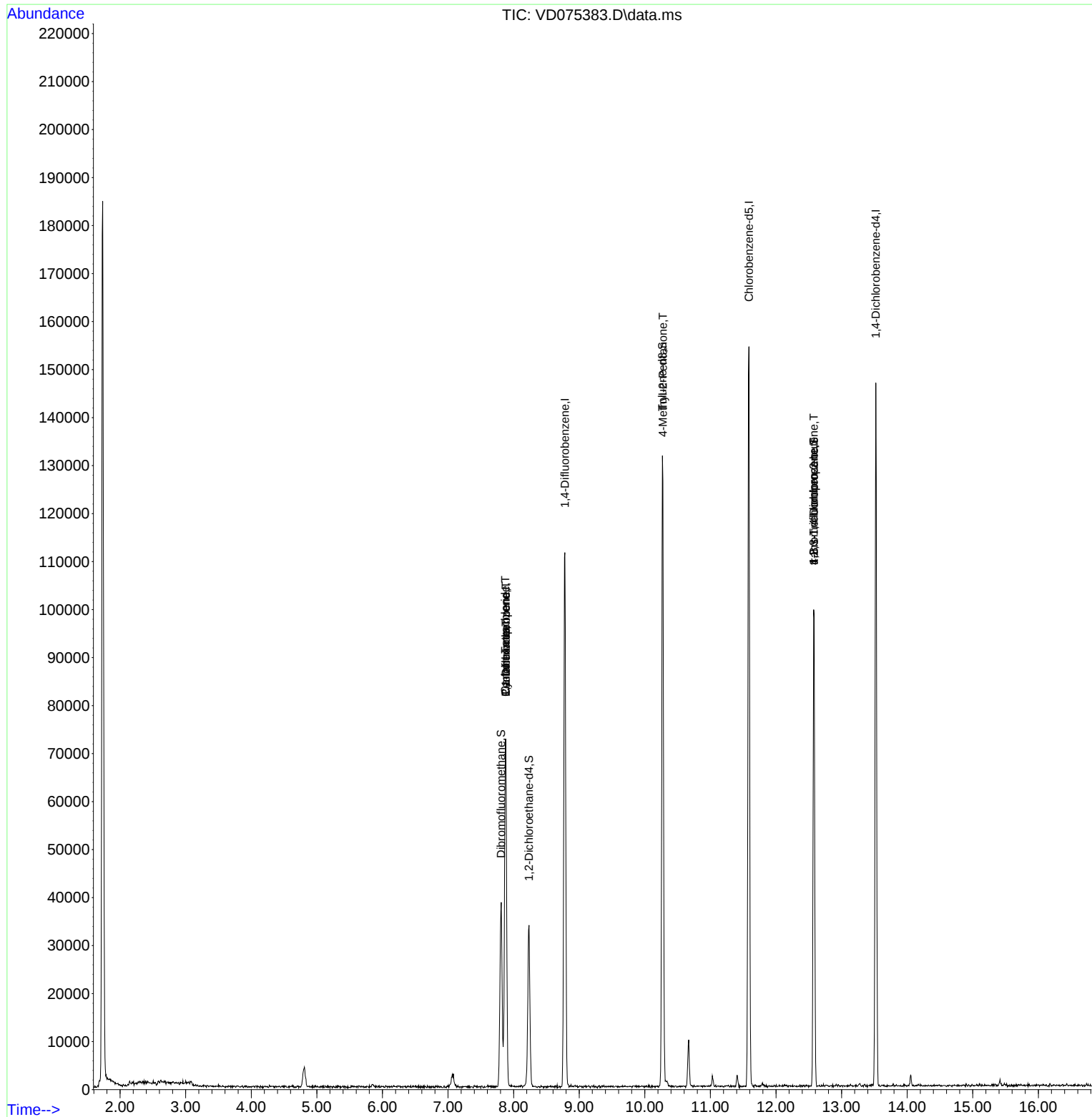
Internal Standards						
1) Pentafluorobenzene	7.881	168	53960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	94962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	84675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	36696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25836	55.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.980%			
35) Dibromofluoromethane	7.811	113	26675	47.318	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.640%			
50) Toluene-d8	10.269	98	87527	43.022	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.040%			
62) 4-Bromofluorobenzene	12.575	95	28790	42.143	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.280%			
Target Compounds						
20) Methylene Chloride	4.805	84	2806	Below Cal	#	82
31) Cyclohexane	7.881	56	1411	1.288	ug/l #	16
36) 1,1-Dichloropropene	7.881	75	4772	4.723	ug/l #	45
38) Carbon Tetrachloride	7.875	117	5560	5.492	ug/l #	13
51) 4-Methyl-2-Pentanone	10.275	43	487	1.294	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	16622	60.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	16622	136.677	ug/l #	5

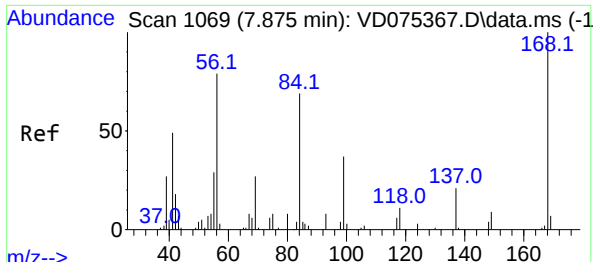
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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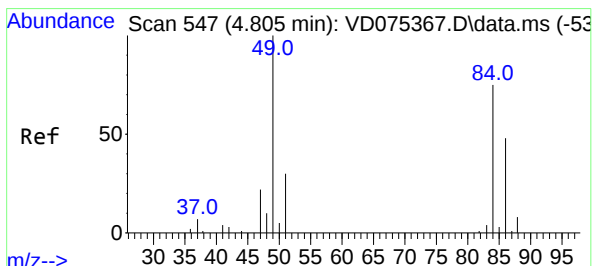
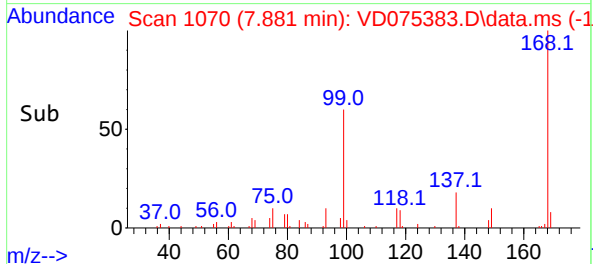
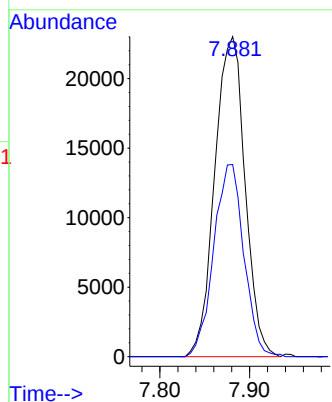
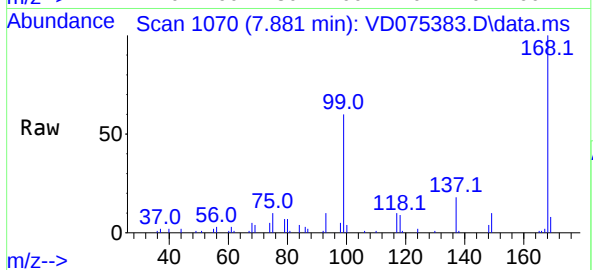




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

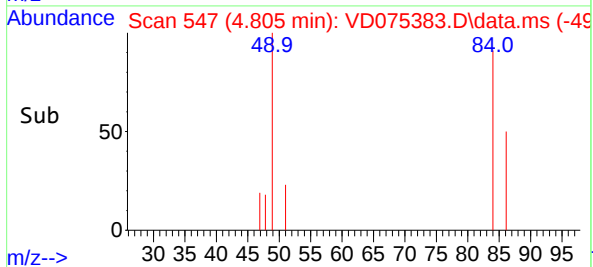
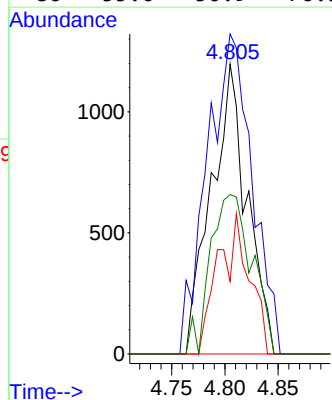
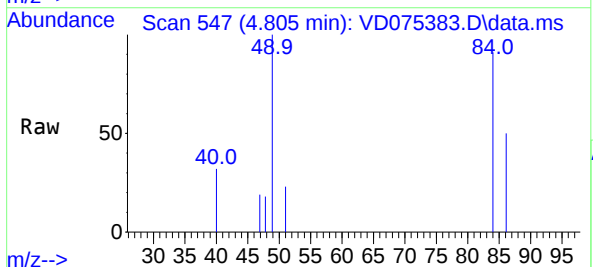
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

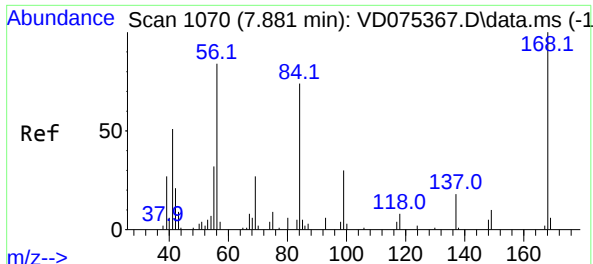
Tgt Ion:168 Resp: 53960
Ion Ratio Lower Upper
168 100
99 60.0 43.8 65.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

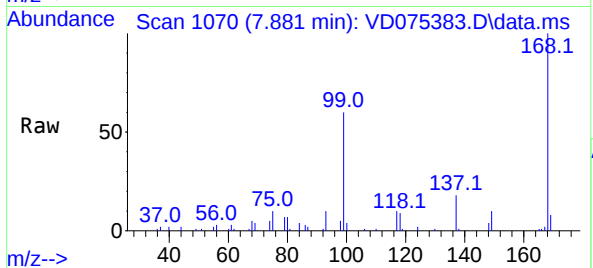
Tgt Ion: 84 Resp: 2806
Ion Ratio Lower Upper
84 100
49 110.4 106.4 159.6
51 25.0 32.4 48.6#
86 55.0 50.9 76.3



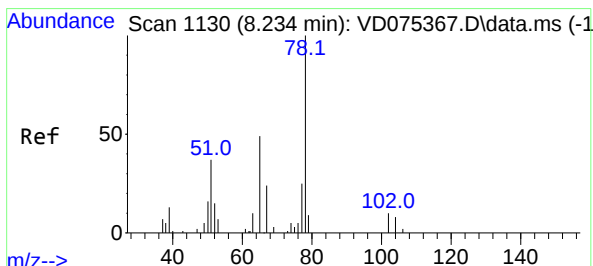
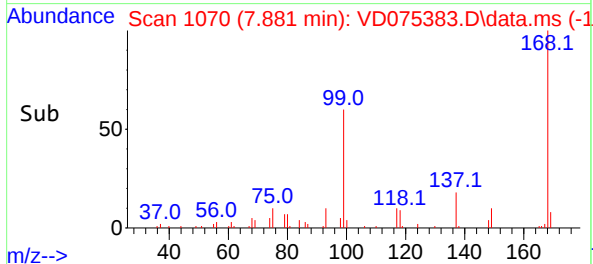
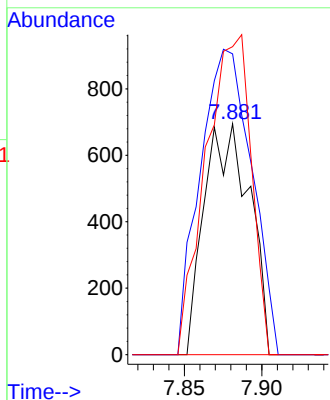


#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

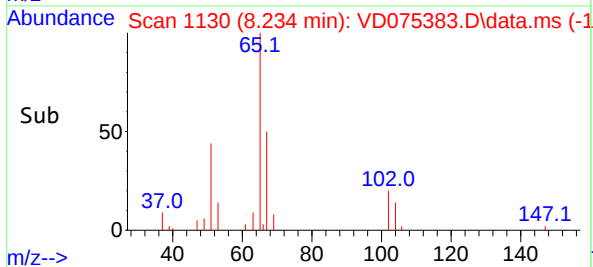
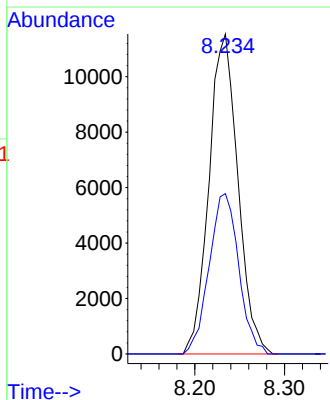
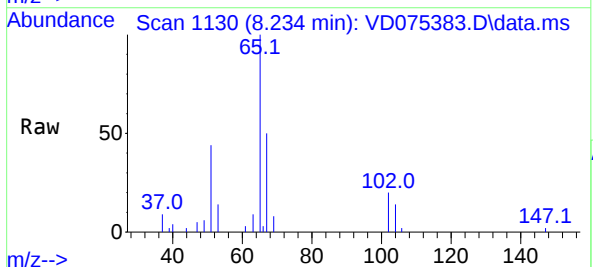


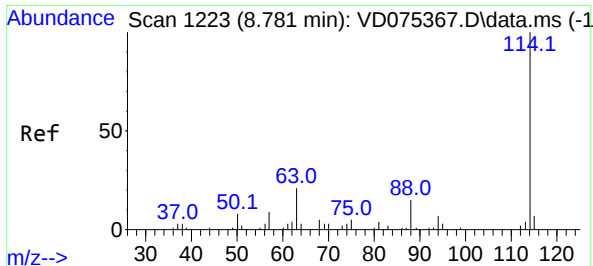
Tgt Ion: 56 Resp: 1411
Ion Ratio Lower Upper
56 100
69 130.2 25.5 38.3#
84 133.4 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 55.988 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Tgt Ion: 65 Resp: 25836
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075383.D

Acq: 21 Feb 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBL01

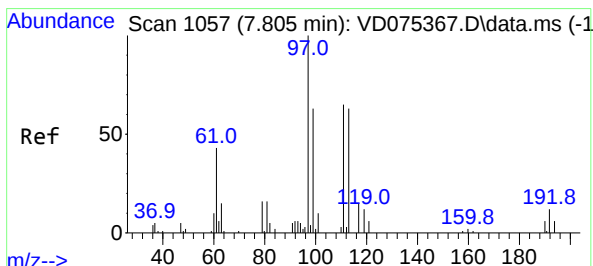
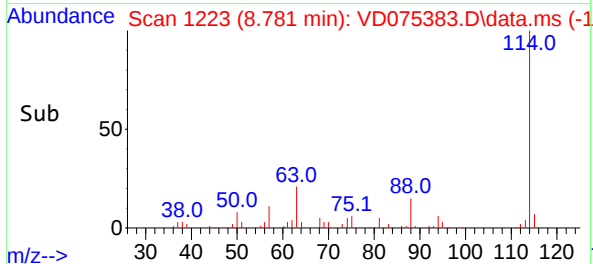
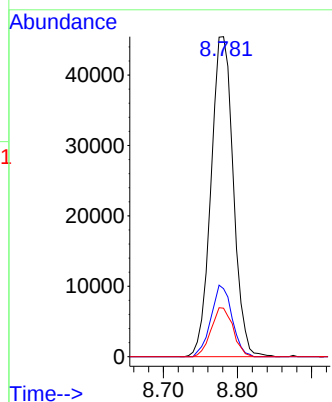
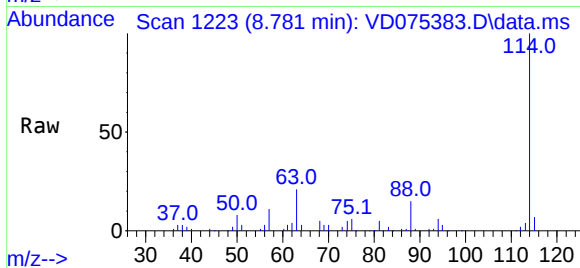
Tgt Ion:114 Resp: 94962

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.6

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.318 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075383.D

Acq: 21 Feb 2023 16:22

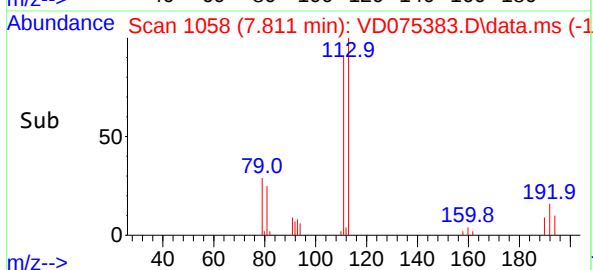
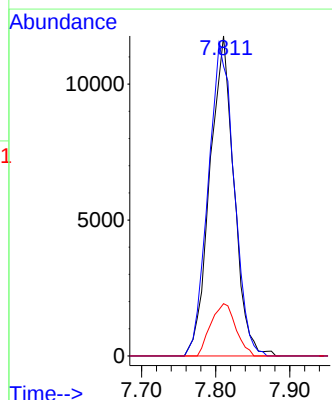
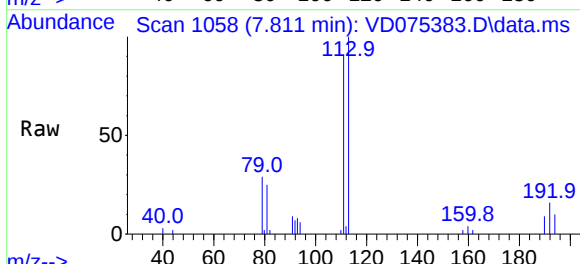
Tgt Ion:113 Resp: 26675

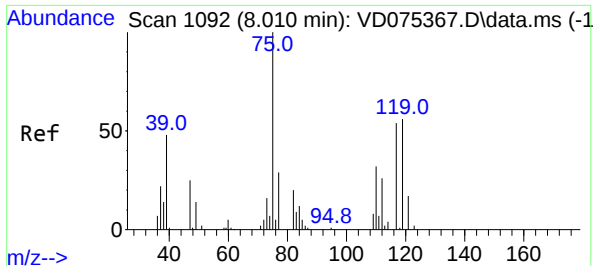
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 16.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.723 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD075383.D

Acq: 21 Feb 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBL01

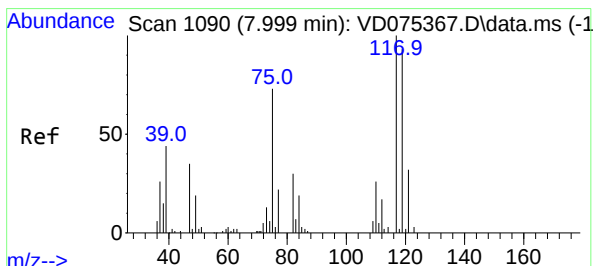
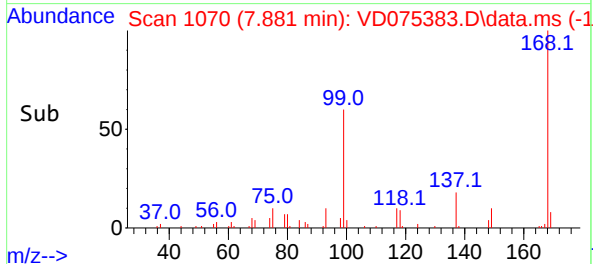
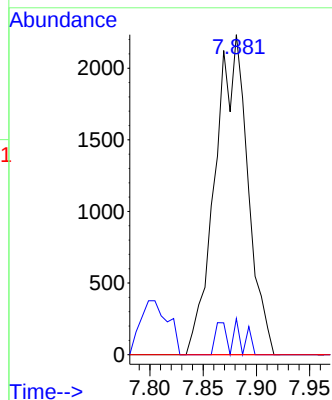
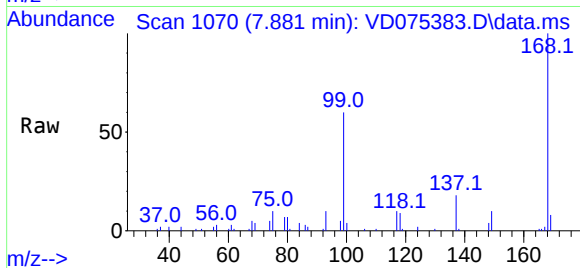
Tgt Ion: 75 Resp: 4772

Ion Ratio Lower Upper

75 100

110 3.3 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.492 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD075383.D

Acq: 21 Feb 2023 16:22

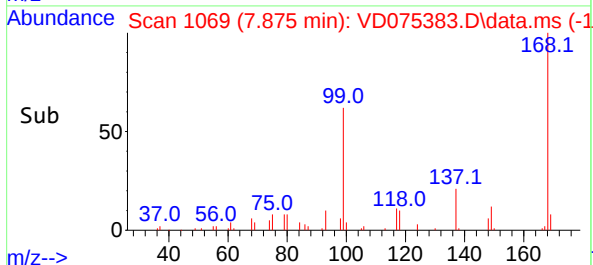
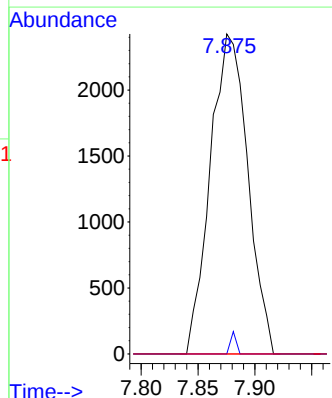
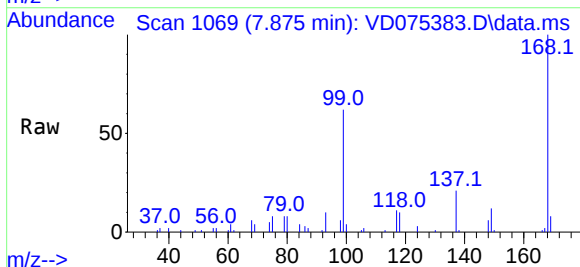
Tgt Ion: 117 Resp: 5560

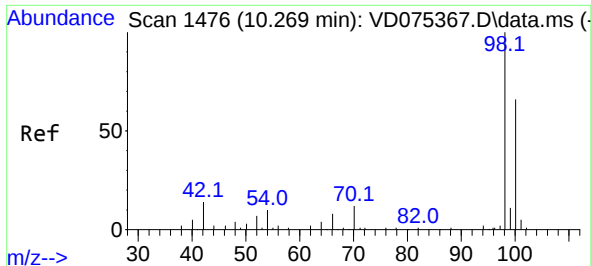
Ion Ratio Lower Upper

117 100

119 0.0 74.7 112.1#

121 0.0 25.9 38.9#

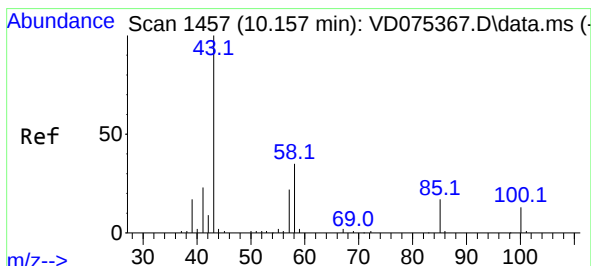
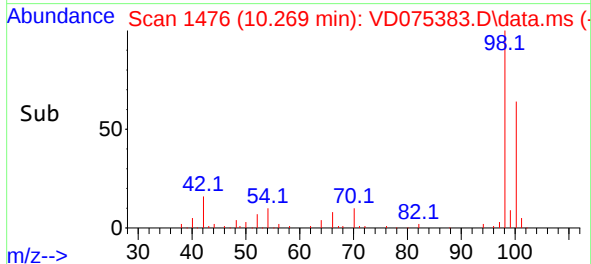
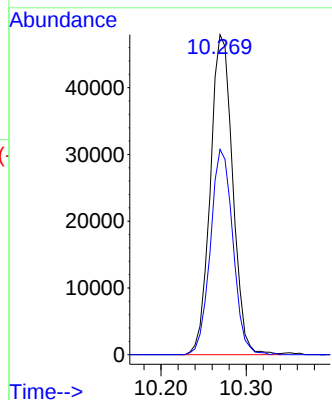
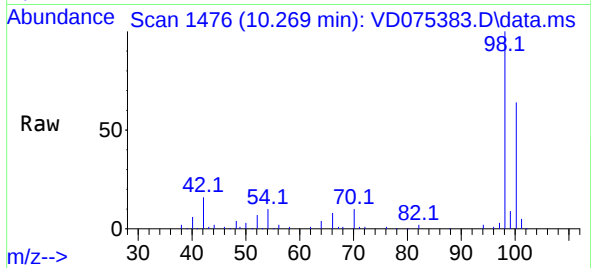




#50
Toluene-d8
Concen: 43.022 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

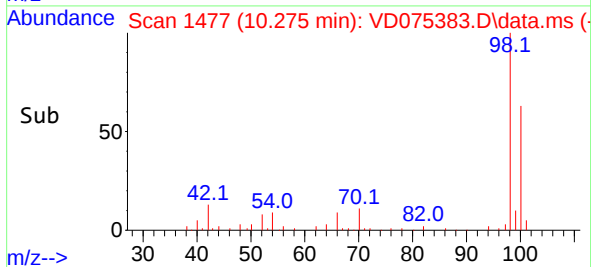
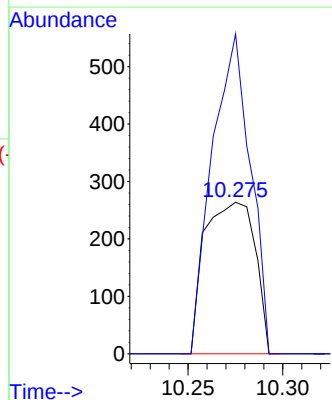
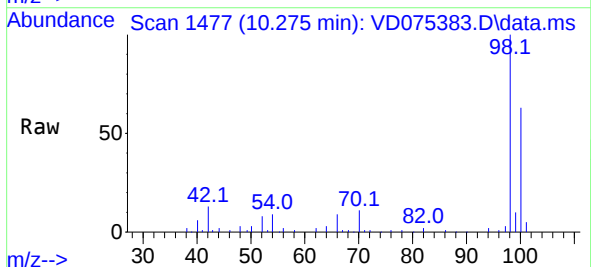
Instrument :
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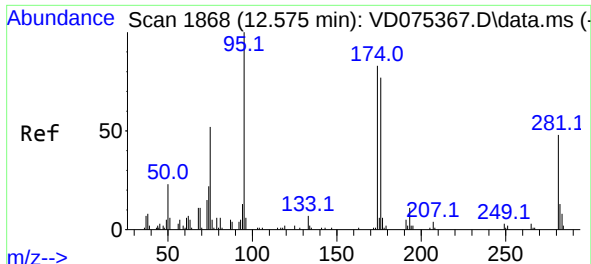
Tgt Ion: 98 Resp: 87527
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.294 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 160.4 29.5 44.3#

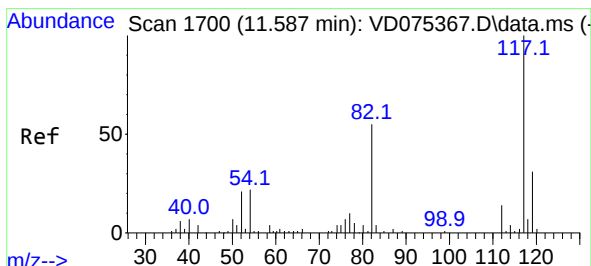
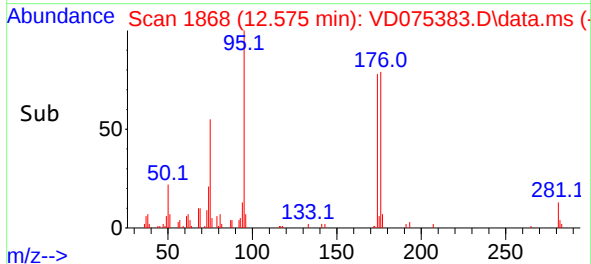
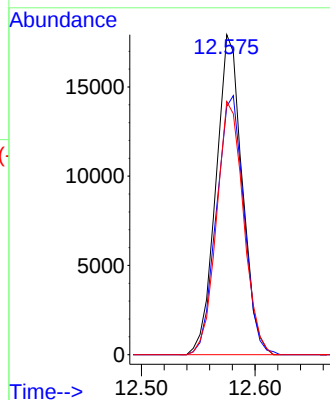
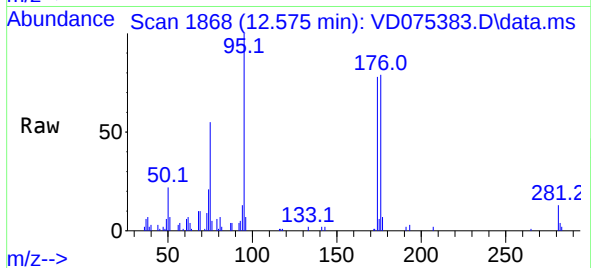




#62
4-Bromofluorobenzene
Concen: 42.143 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

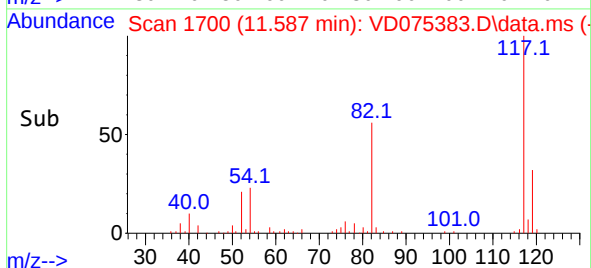
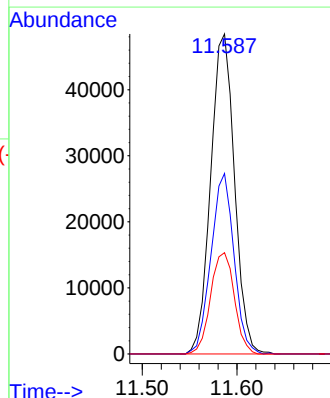
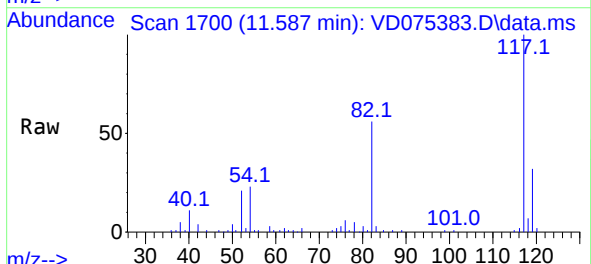
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

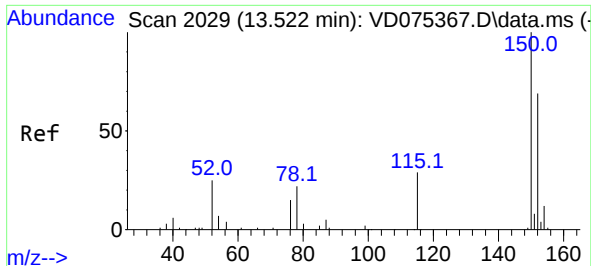
Tgt Ion: 95 Resp: 28790
Ion Ratio Lower Upper
95 100
174 84.4 0.0 164.0
176 81.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Tgt Ion: 117 Resp: 84675
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 31.7 25.1 37.7

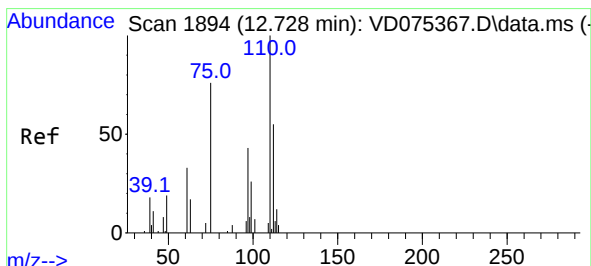
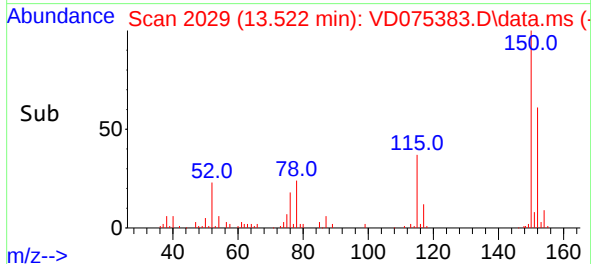
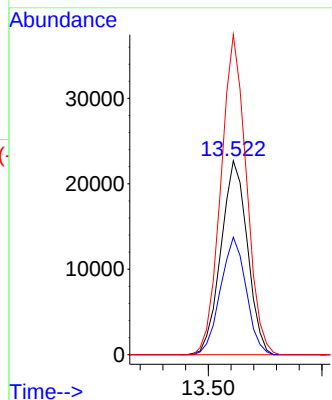
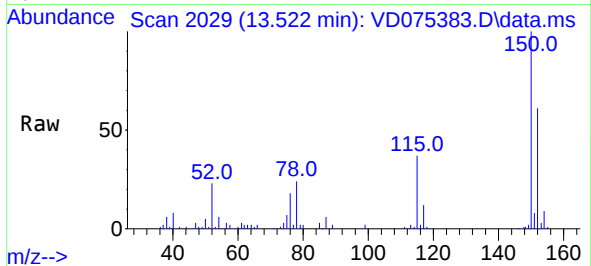




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

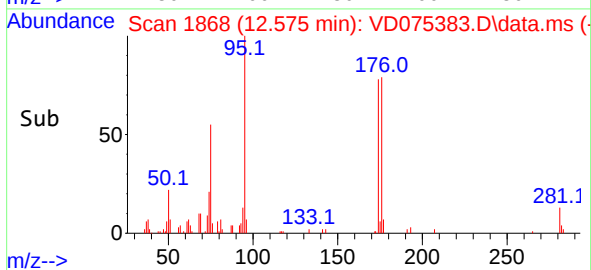
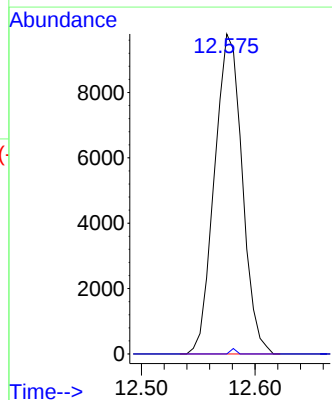
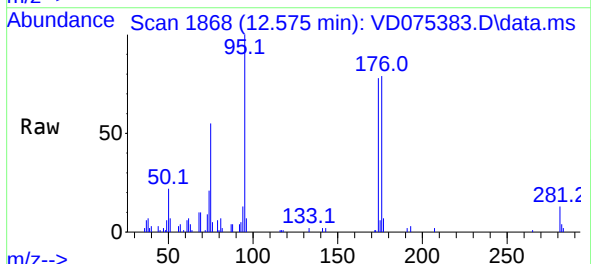
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

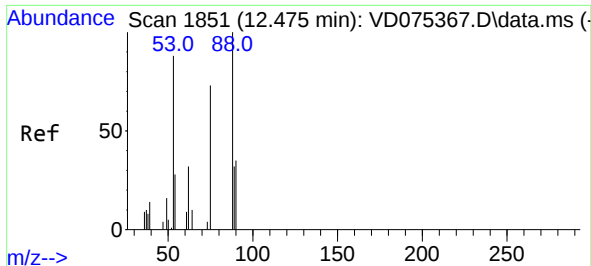
Tgt Ion:152 Resp: 36696
Ion Ratio Lower Upper
152 100
115 58.7 30.1 90.3
150 159.0 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 60.555 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Tgt Ion: 75 Resp: 16622
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 136.677 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

Tgt Ion: 75 Resp: 16622
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

