

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075387.D
 Acq On : 21 Feb 2023 18:12
 Operator : KP/SY
 Sample : 01581-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-C

Quant Time: Feb 22 00:53:40 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)

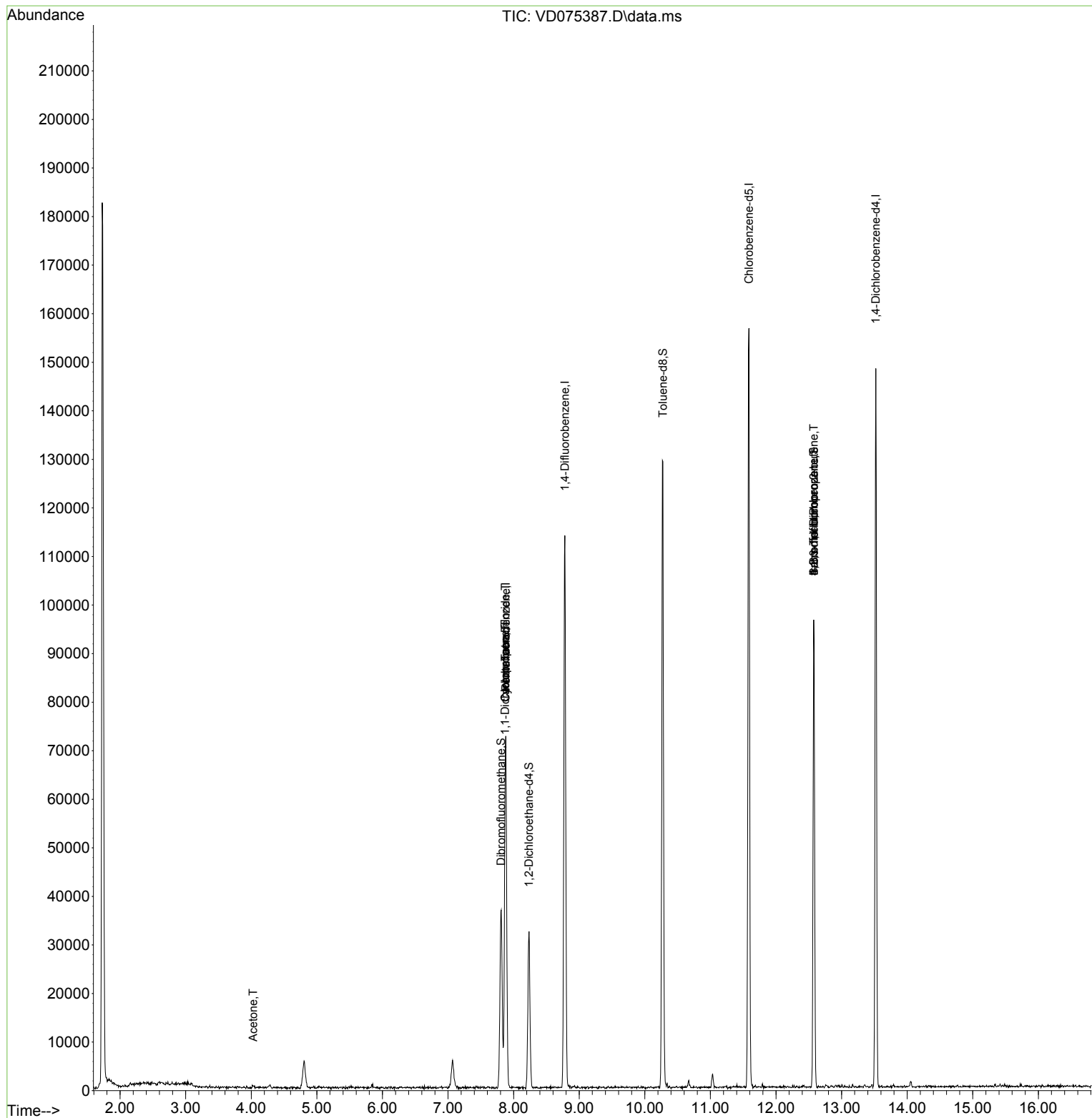
Internal Standards						
1) Pentafluorobenzene	7.881	168	55358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	95549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	84613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	37039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25533	53.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.620%
35) Dibromofluoromethane	7.810	113	26785	47.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.275	98	86737	42.372	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.740%
62) 4-Bromofluorobenzene	12.575	95	28260	41.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.220%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	550	3.839	ug/l #	44
20) Methylene Chloride	4.805	84	4135	Below Cal	#	81
31) Cyclohexane	7.875	56	1462	1.301	ug/l #	24
36) 1,1-Dichloropropene	7.869	75	4598	4.523	ug/l #	47
38) Carbon Tetrachloride	7.875	117	5740	5.635	ug/l #	13
71) Bromoform	12.575	173	338	1.026	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	15734	57.306	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	15734	128.526	ug/l #	5

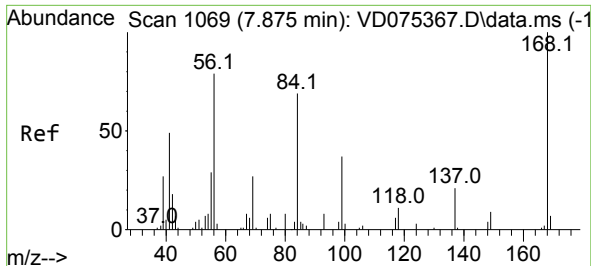
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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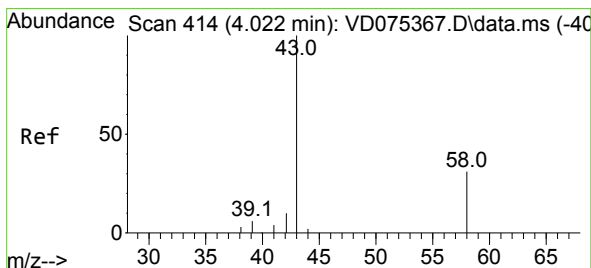
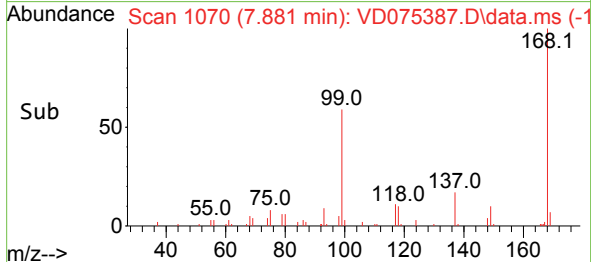
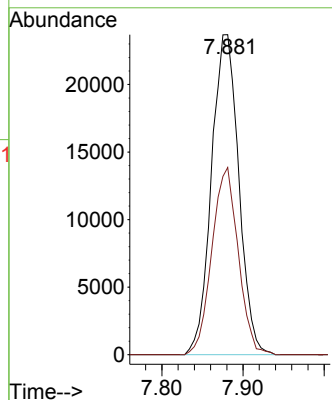
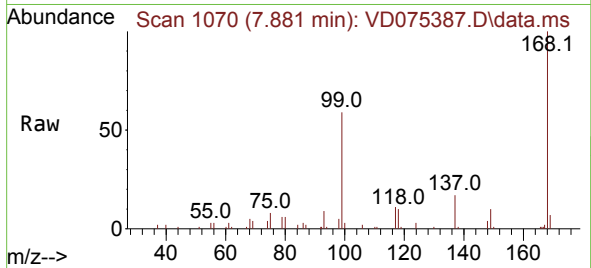




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

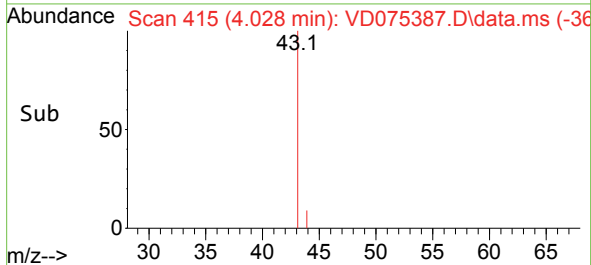
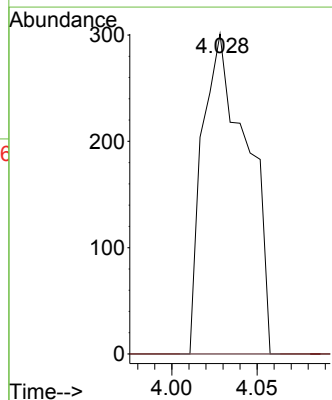
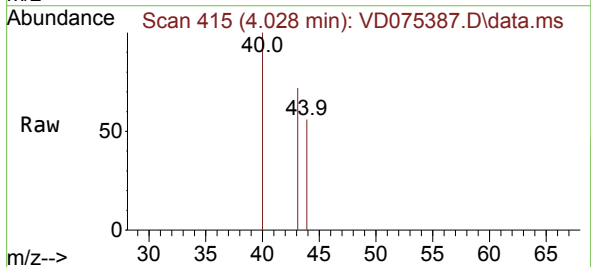
Instrument :
MSVOA_D
ClientSampleId :
MH-C

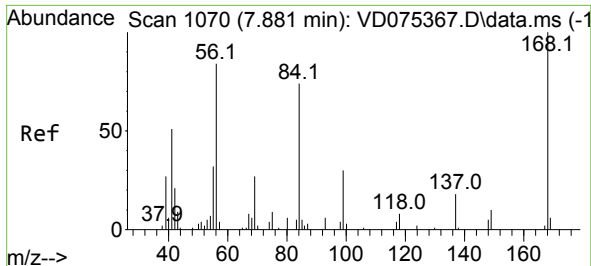
Tgt Ion:168 Resp: 55358
Ion Ratio Lower Upper
168 100
99 58.5 43.8 65.6



#16
Acetone
Concen: 3.839 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

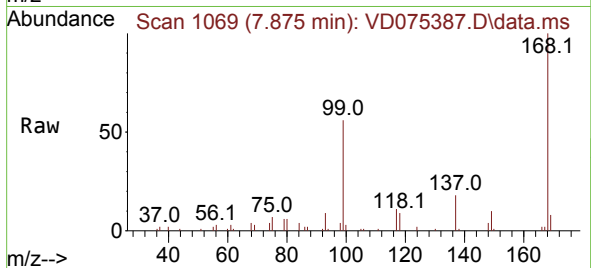
Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



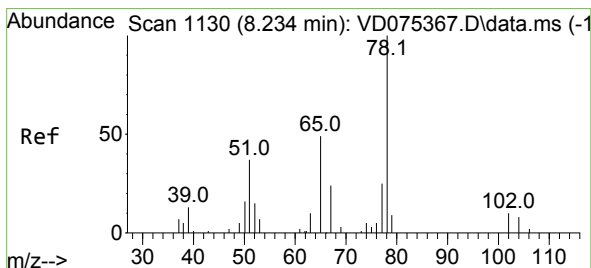
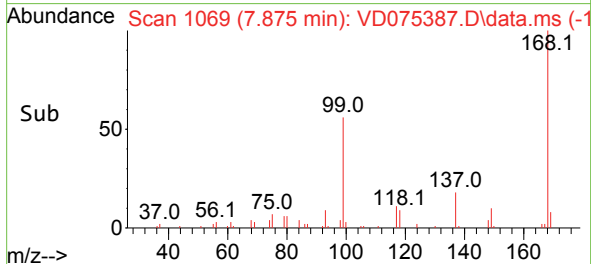
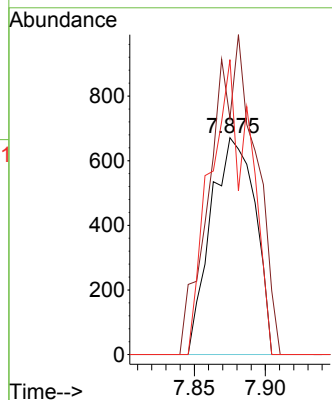


#31
Cyclohexane
Concen: 1.301 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

Instrument :
MSVOA_D
ClientSampleId :
MH-C

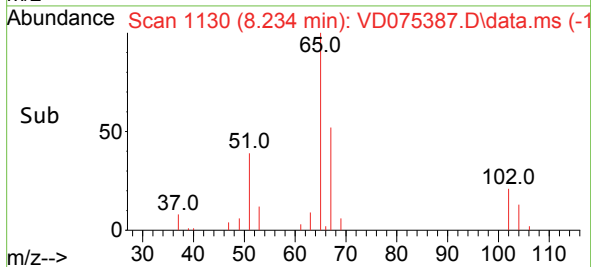
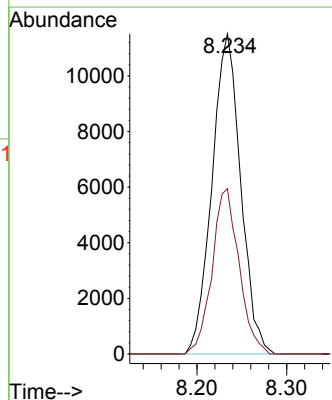
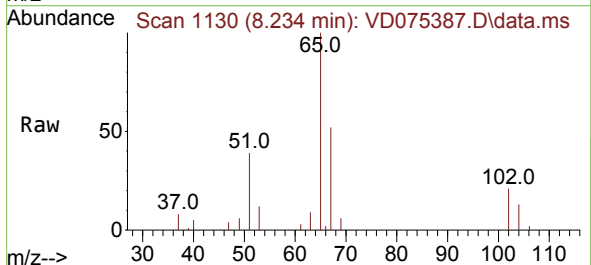


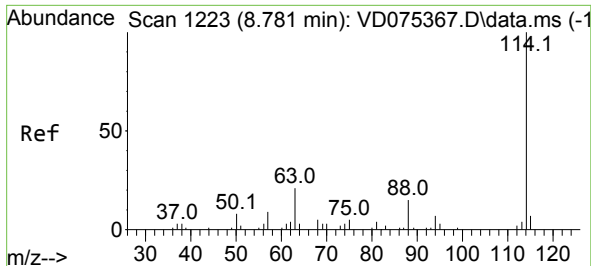
Tgt Ion: 56 Resp: 1462
Ion Ratio Lower Upper
56 100
69 108.9 25.5 38.3#
84 136.1 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 53.809 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

Tgt Ion: 65 Resp: 25533
Ion Ratio Lower Upper
65 100
67 48.5 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: VD075387.D

Acq: 21 Feb 2023 18:12

Instrument :

MSVOA_D

ClientSampleId :

MH-C

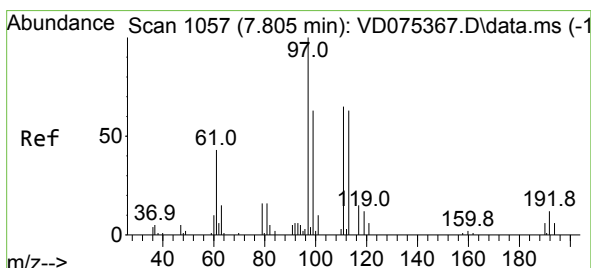
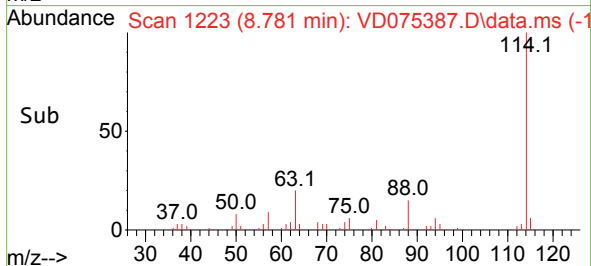
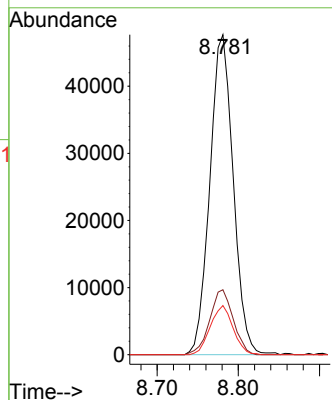
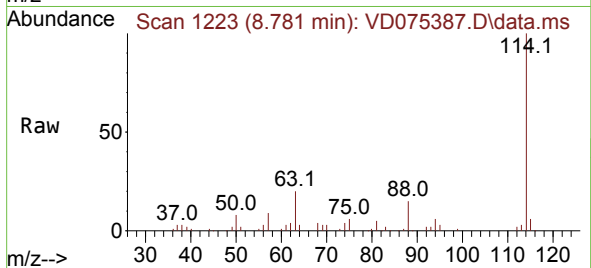
Tgt Ion:114 Resp: 95549

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.221 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075387.D

Acq: 21 Feb 2023 18:12

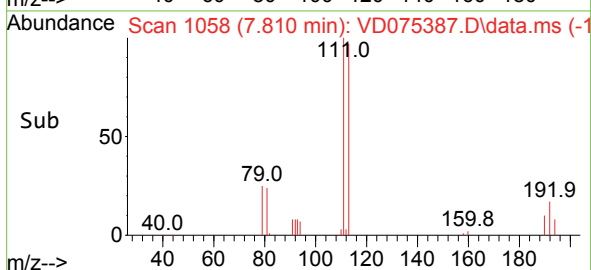
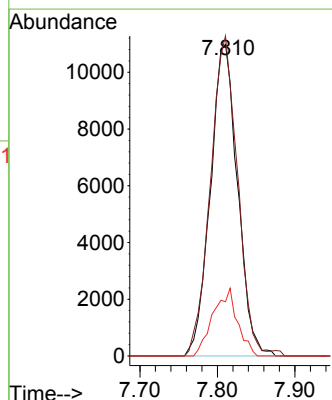
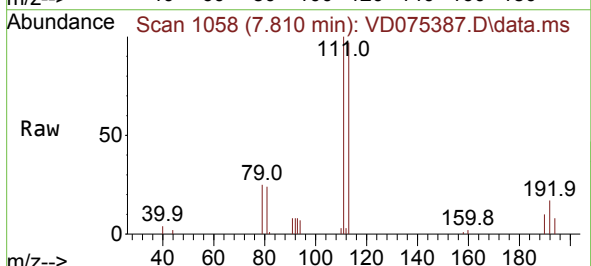
Tgt Ion:113 Resp: 26785

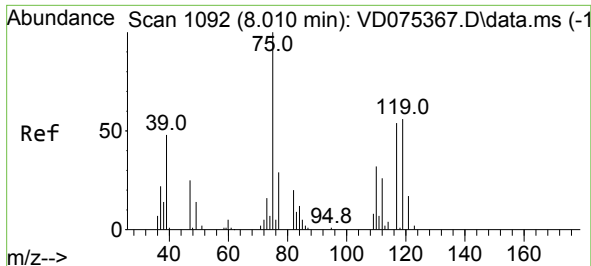
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 19.4 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.523 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075387.D

Acq: 21 Feb 2023 18:12

Instrument :

MSVOA_D

ClientSampleId :

MH-C

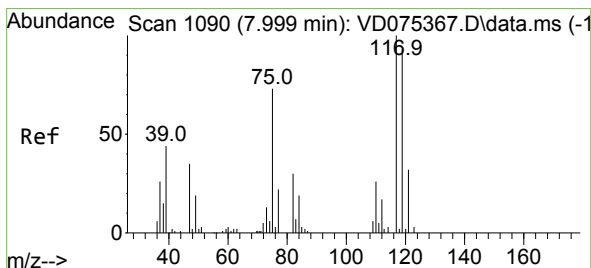
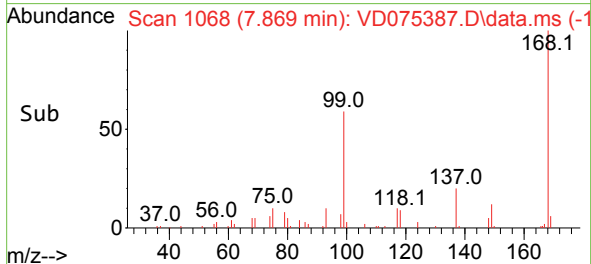
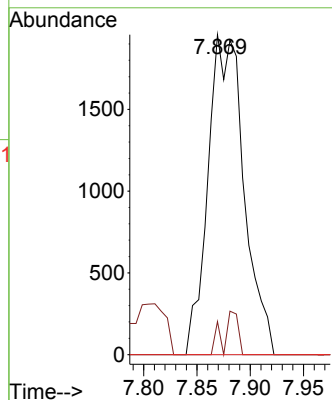
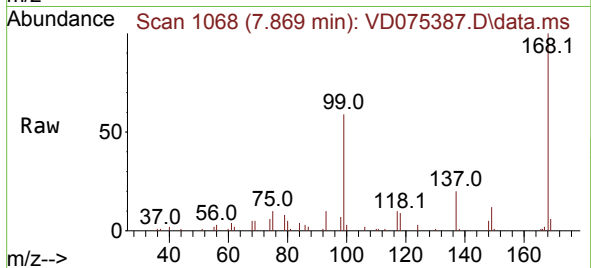
Tgt Ion: 75 Resp: 4598

Ion Ratio Lower Upper

75 100

110 5.5 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.635 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD075387.D

Acq: 21 Feb 2023 18:12

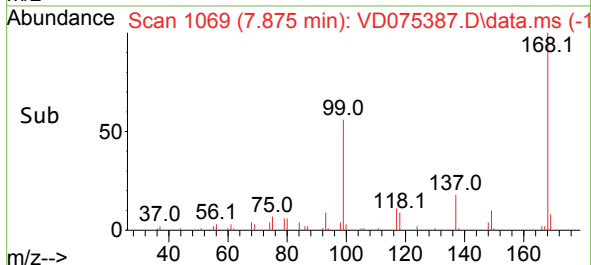
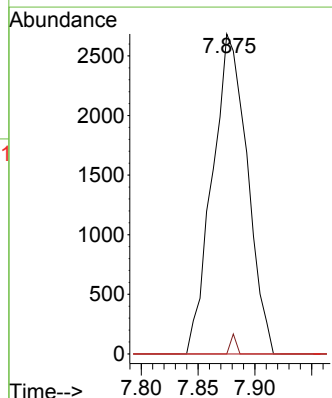
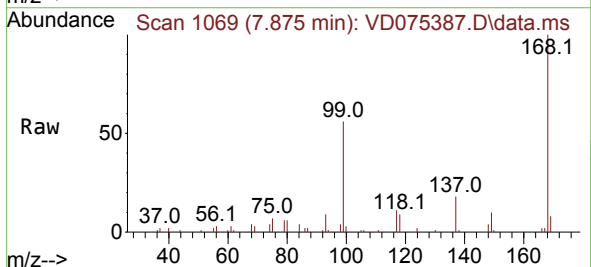
Tgt Ion: 117 Resp: 5740

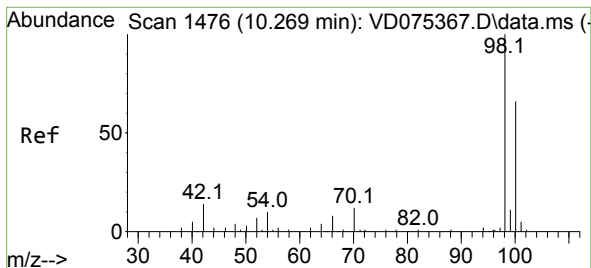
Ion Ratio Lower Upper

117 100

119 0.0 74.7 112.1#

121 0.0 25.9 38.9#





#50

Toluene-d8

Concen: 42.372 ug/l

RT: 10.275 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD075387.D

Acq: 21 Feb 2023 18:12

Instrument :

MSVOA_D

ClientSampleId :

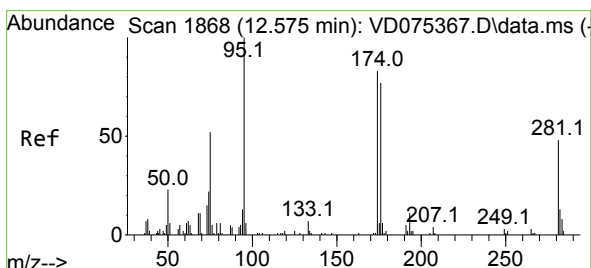
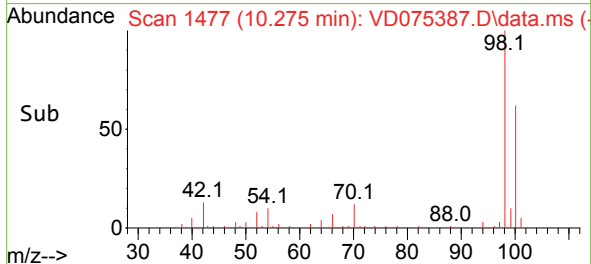
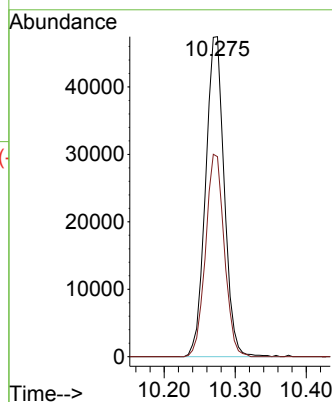
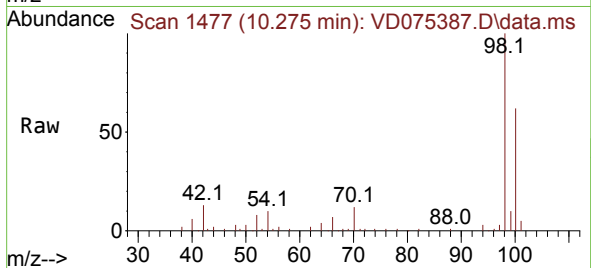
MH-C

Tgt Ion: 98 Resp: 86737

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 41.113 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075387.D

Acq: 21 Feb 2023 18:12

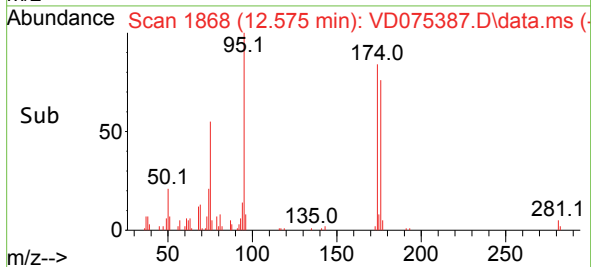
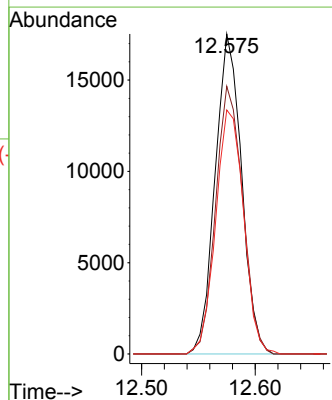
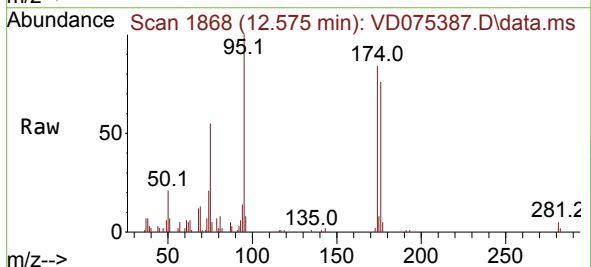
Tgt Ion: 95 Resp: 28260

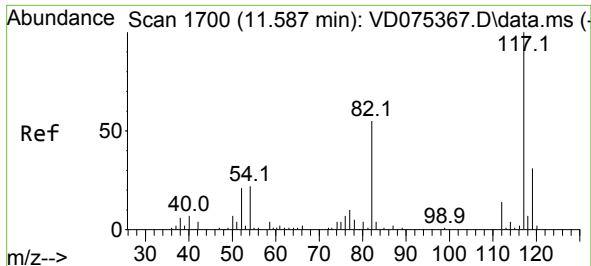
Ion Ratio Lower Upper

95 100

174 86.1 0.0 164.0

176 81.0 0.0 156.8

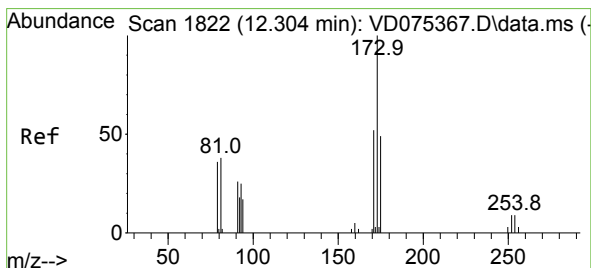
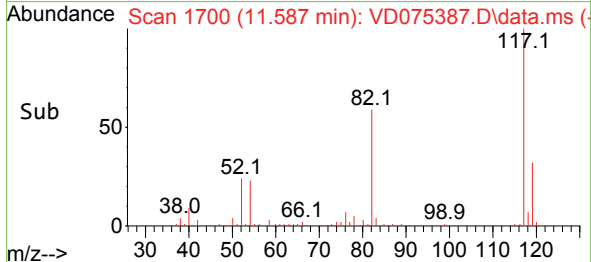
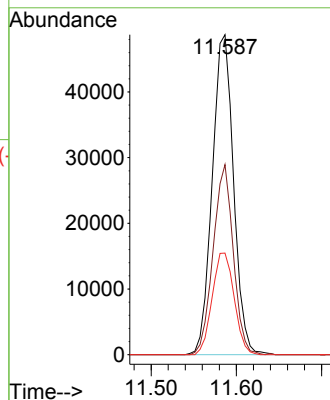
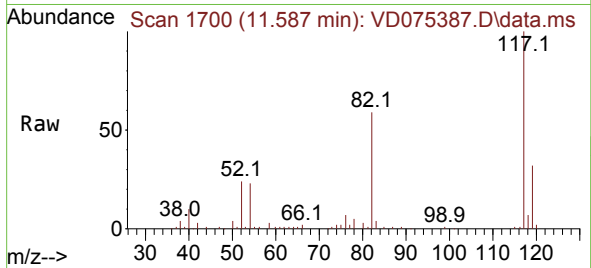




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

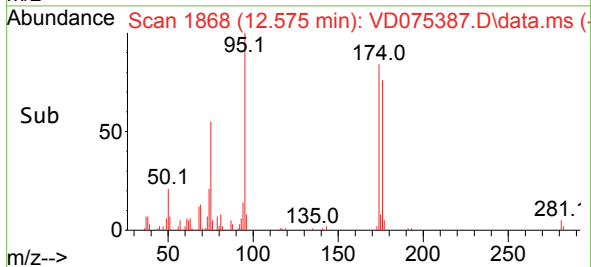
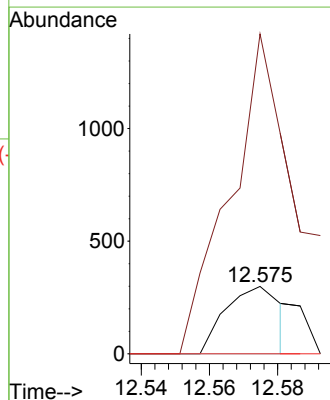
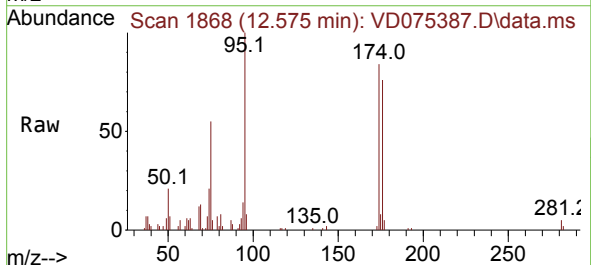
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MSVOA_D
ClientSampleId :
MH-C

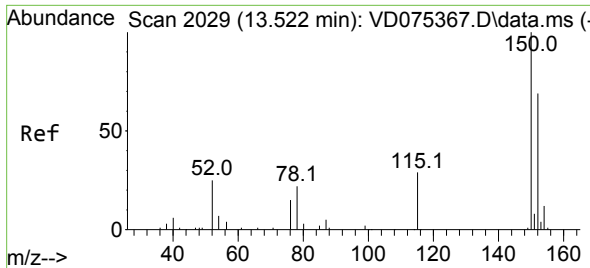
Tgt Ion:117 Resp: 84613
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 31.8 25.1 37.7



#71
Bromoform
Concen: 1.026 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.271 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

Tgt Ion:173 Resp: 338
Ion Ratio Lower Upper
173 100
175 431.7 23.5 70.5#
254 0.0 0.0 0.0

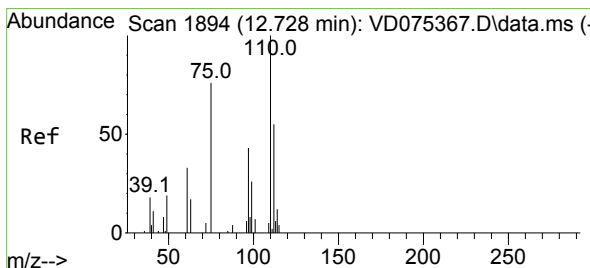
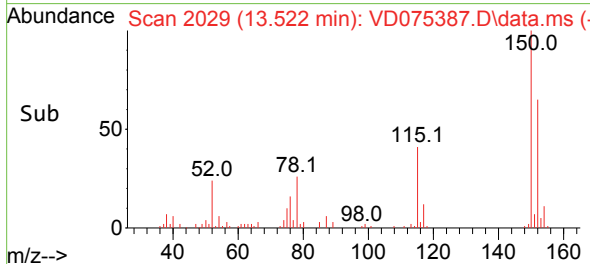
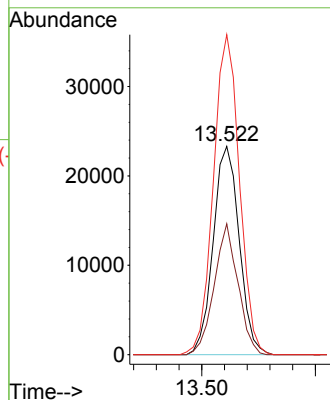
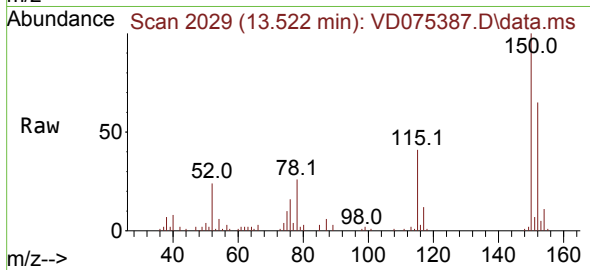




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075387.D
 Acq: 21 Feb 2023 18:12

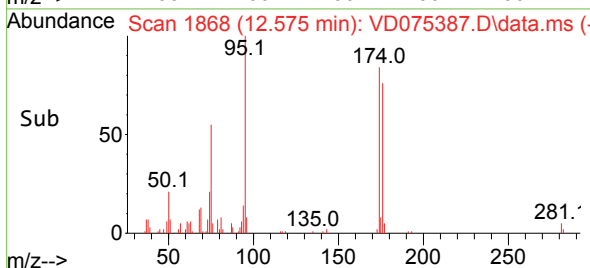
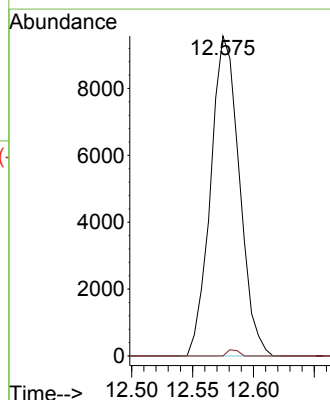
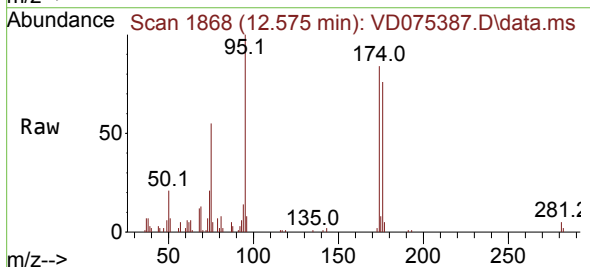
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-C

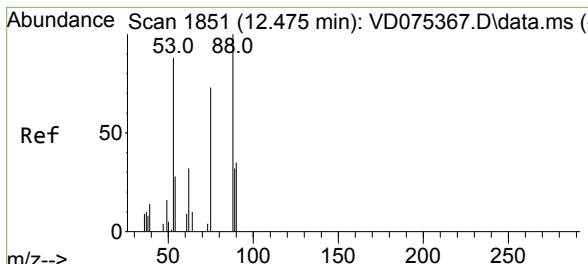
Tgt Ion:152 Resp: 37039
 Ion Ratio Lower Upper
 152 100
 115 57.4 30.1 90.3
 150 153.6 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 57.306 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075387.D
 Acq: 21 Feb 2023 18:12

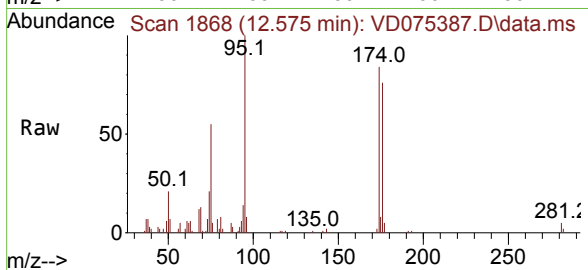
Tgt Ion: 75 Resp: 15734
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.526 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075387.D
 Acq: 21 Feb 2023 18:12

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-C



Tgt Ion:	75	Resp:	15734
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

