

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075799.D
 Acq On : 24 Apr 2023 17:50
 Operator : KP/SY
 Sample : 02464-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-91

Quant Time: Apr 25 06:11:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

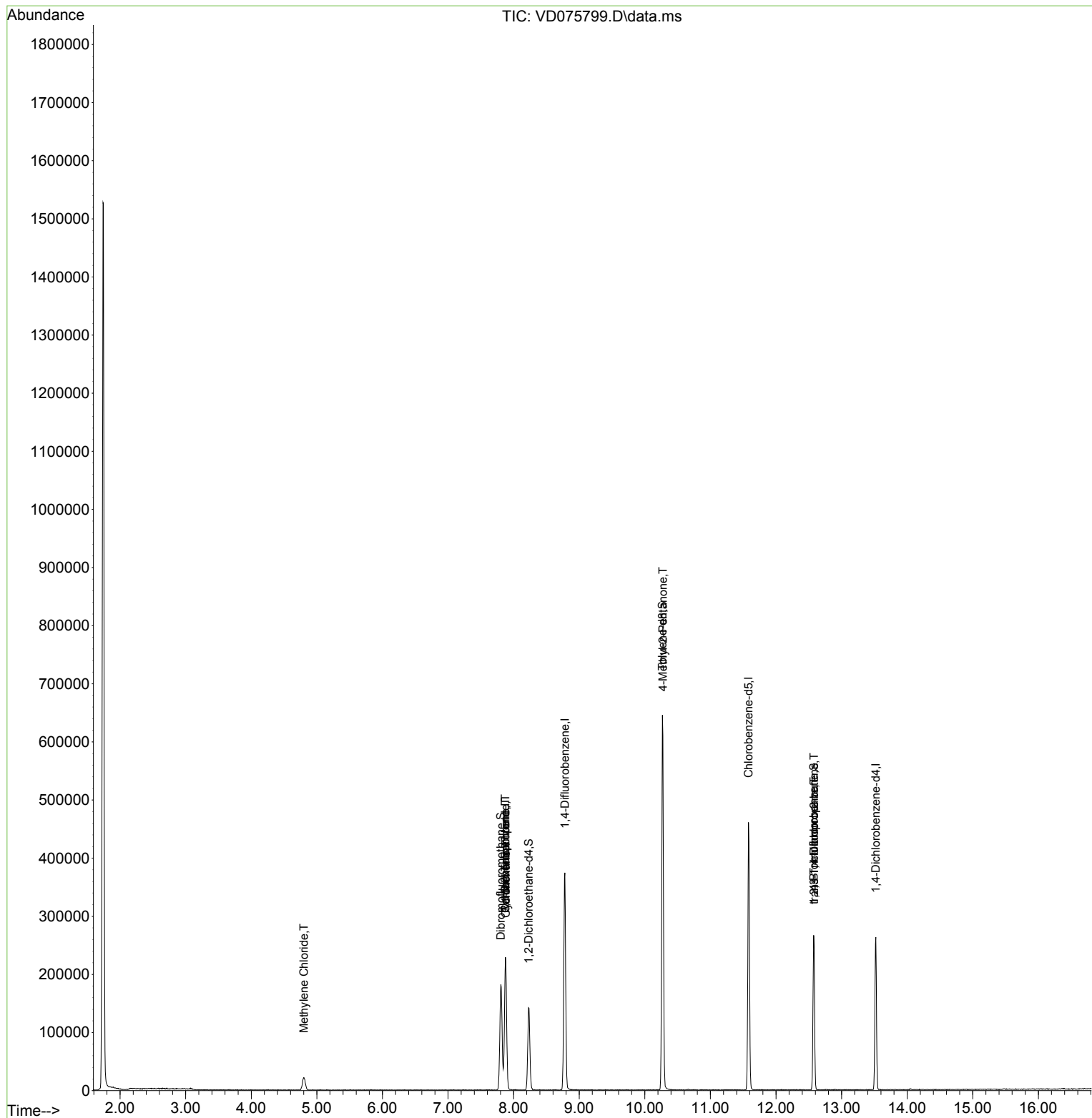
Internal Standards						
1) Pentafluorobenzene	7.875	168	189848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	364493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	78333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110847	61.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.020%	
35) Dibromofluoromethane	7.805	113	135504	55.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.269	98	472679	48.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	12.575	95	84474	32.372	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 64.740%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	19218	3.208	ug/l #	68
31) Cyclohexane	7.881	56	3519	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	13281	3.927	ug/l #	49
38) Carbon Tetrachloride	7.875	117	16981	5.701	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1212	1.211	ug/l #	1
76) 1,2,3-Trichloropropane	12.581	75	42830	67.048	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	42830	145.320	ug/l #	5

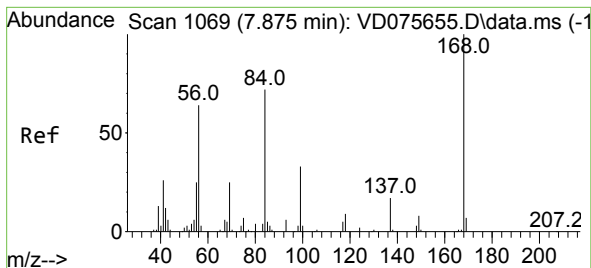
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
Data File : VD075799.D
Acq On : 24 Apr 2023 17:50
Operator : KP/SY
Sample : 02464-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-91

Quant Time: Apr 25 06:11:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075799.D

Acq: 24 Apr 2023 17:50

Instrument :

MSVOA_D

ClientSampleId :

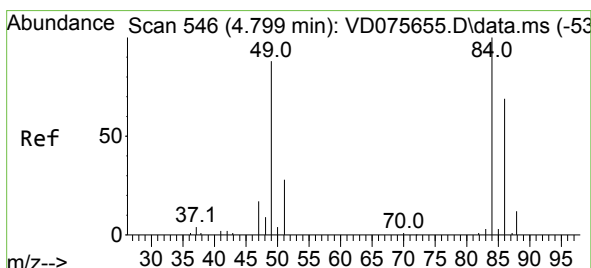
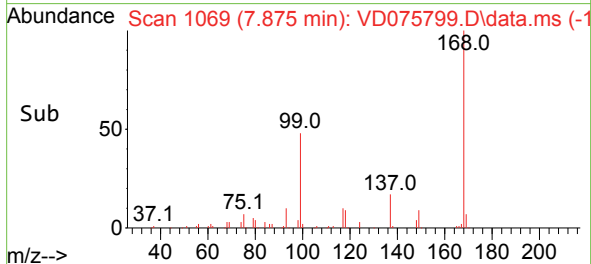
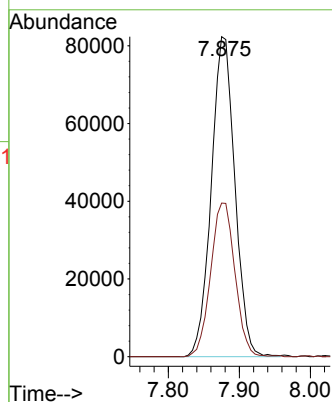
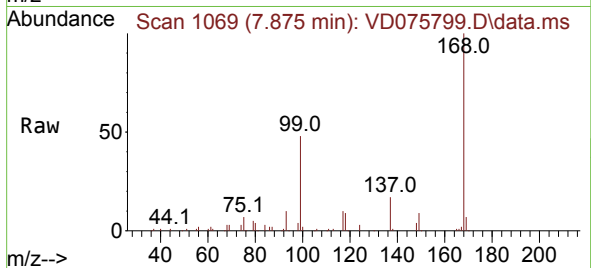
MH-91

Tgt Ion:168 Resp: 189848

Ion Ratio Lower Upper

168 100

99 48.0 43.8 65.6



#20

Methylene Chloride

Concen: 3.208 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD075799.D

Acq: 24 Apr 2023 17:50

Tgt Ion: 84 Resp: 19218

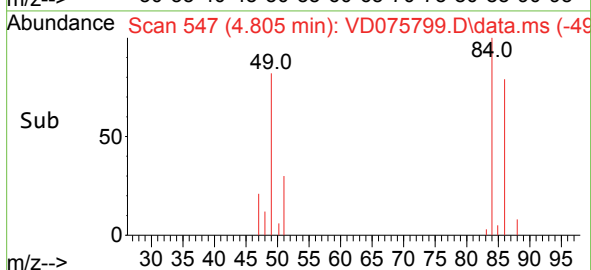
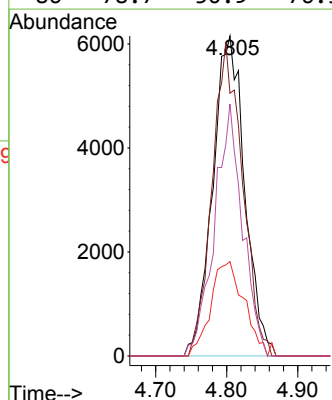
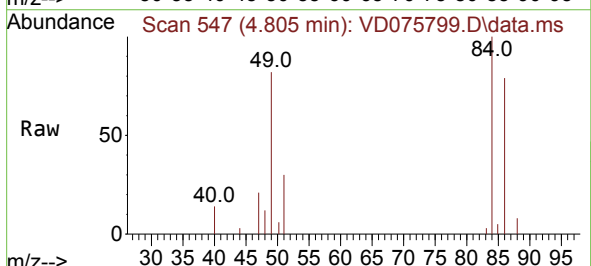
Ion Ratio Lower Upper

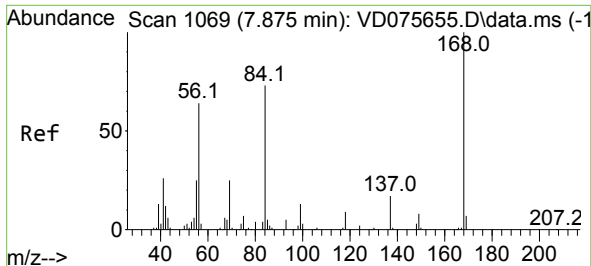
84 100

49 82.1 106.4 159.6#

51 29.5 32.4 48.6#

86 78.7 50.9 76.3#

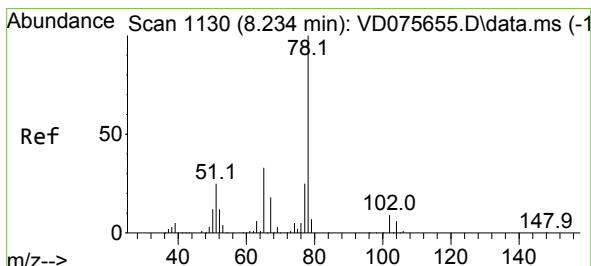
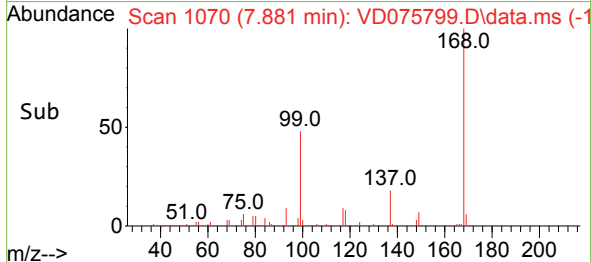
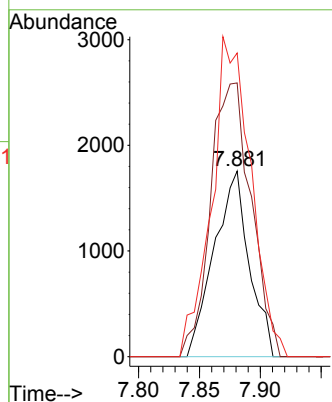
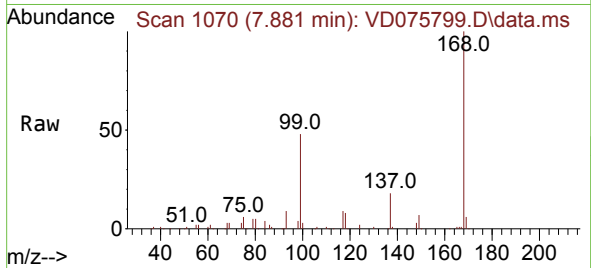




#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

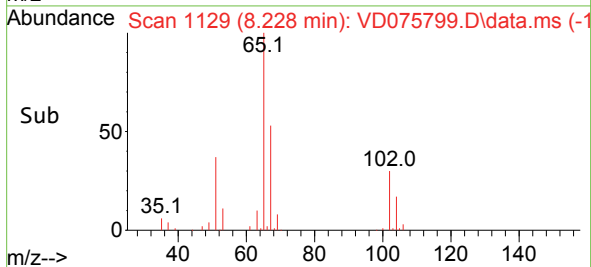
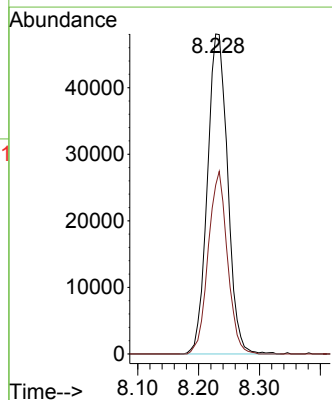
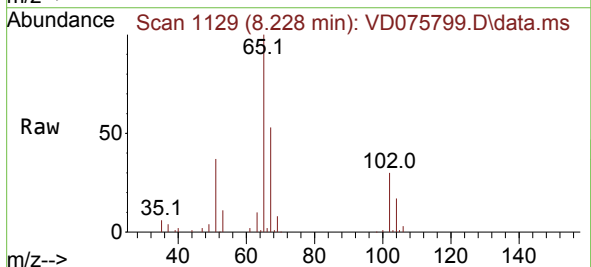
Instrument :
MSVOA_D
ClientSampleId :
MH-91

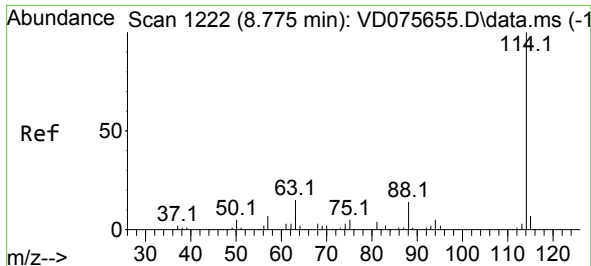
Tgt Ion: 56 Resp: 3519
Ion Ratio Lower Upper
56 100
69 147.5 25.5 38.3#
84 163.7 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 61.512 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

Tgt Ion: 65 Resp: 110847
Ion Ratio Lower Upper
65 100
67 54.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075799.D

Acq: 24 Apr 2023 17:50

Instrument :

MSVOA_D

ClientSampleId :

MH-91

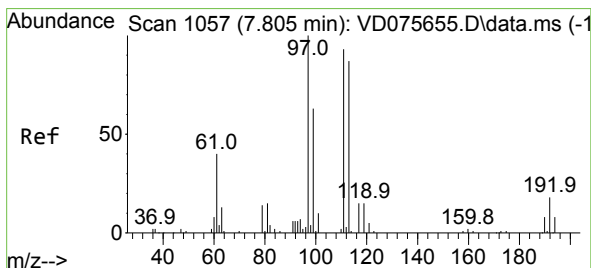
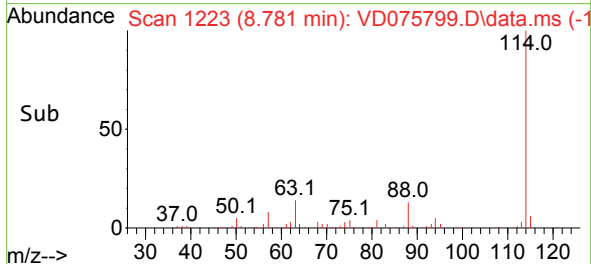
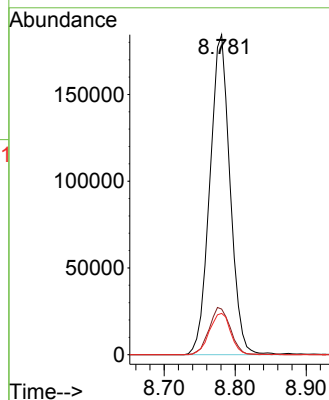
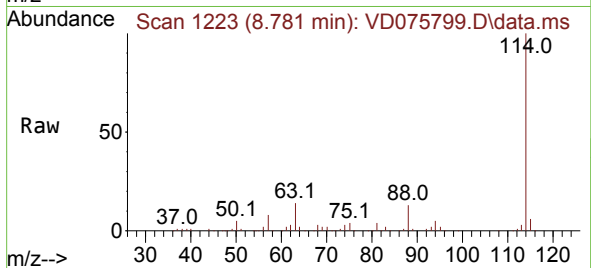
Tgt Ion:114 Resp: 364493

Ion Ratio Lower Upper

114 100

63 14.3 0.0 41.6

88 12.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.272 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075799.D

Acq: 24 Apr 2023 17:50

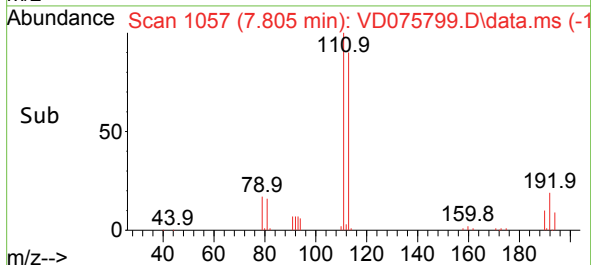
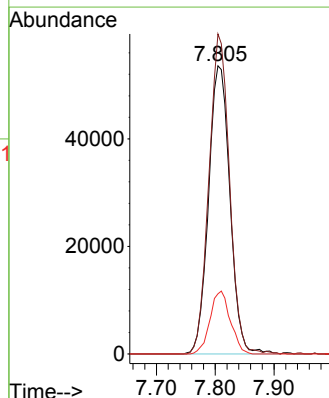
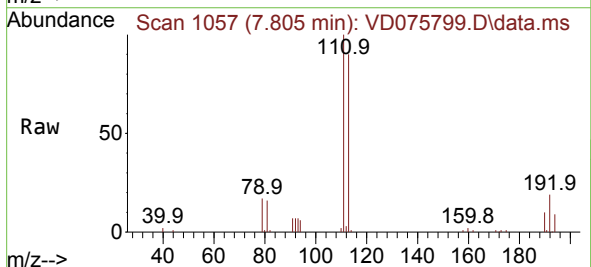
Tgt Ion:113 Resp: 135504

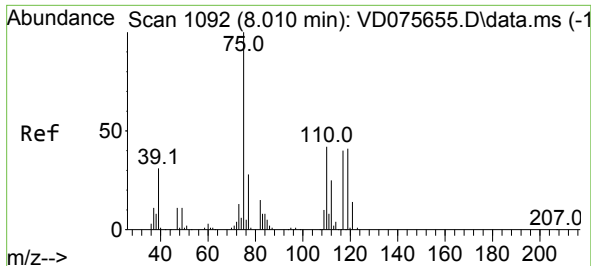
Ion Ratio Lower Upper

113 100

111 106.8 81.4 122.0

192 20.7 15.2 22.8





#36

1,1-Dichloropropene

Concen: 3.927 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075799.D

Acq: 24 Apr 2023 17:50

Instrument :

MSVOA_D

ClientSampleId :

MH-91

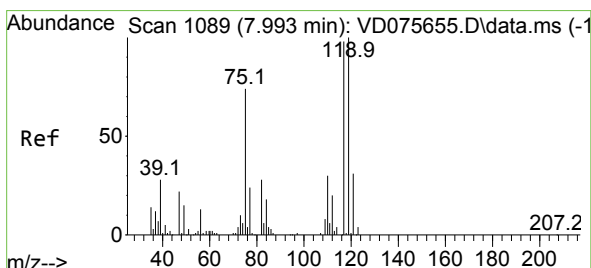
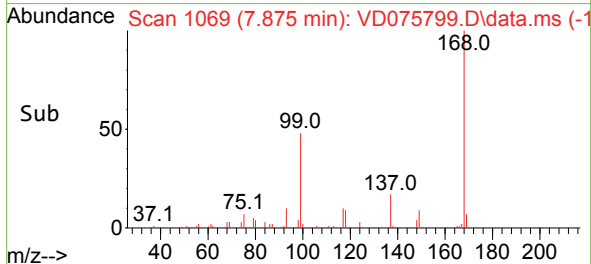
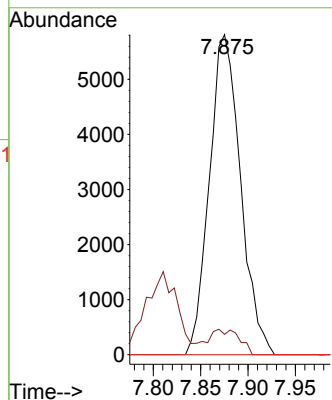
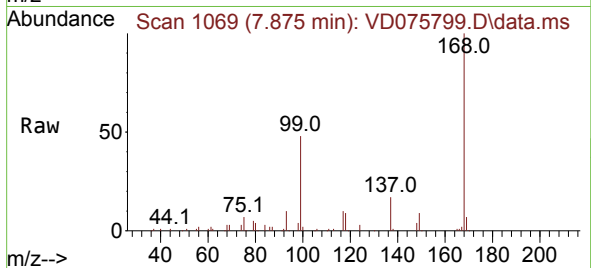
Tgt Ion: 75 Resp: 13281

Ion Ratio Lower Upper

75 100

110 7.9 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.701 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075799.D

Acq: 24 Apr 2023 17:50

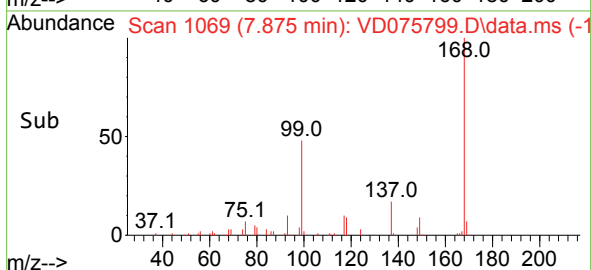
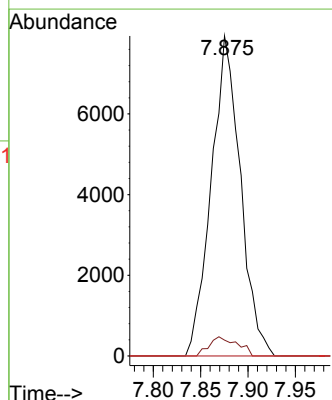
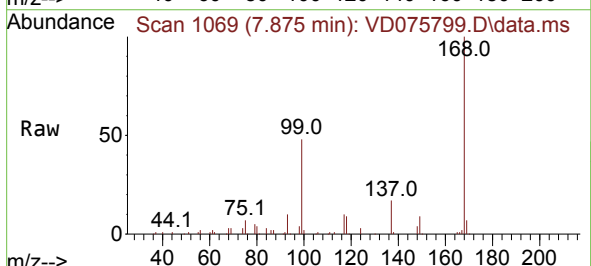
Tgt Ion: 117 Resp: 16981

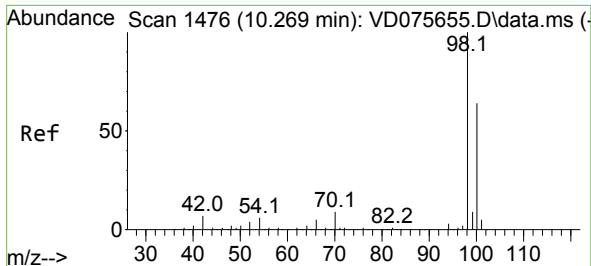
Ion Ratio Lower Upper

117 100

119 4.9 74.7 112.1#

121 0.0 25.9 38.9#

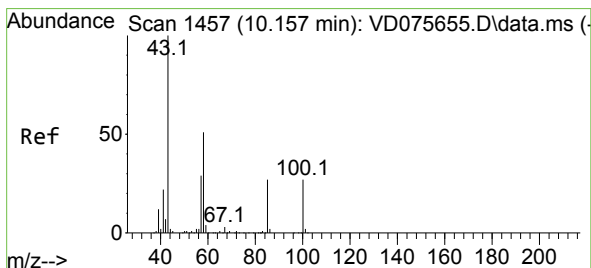
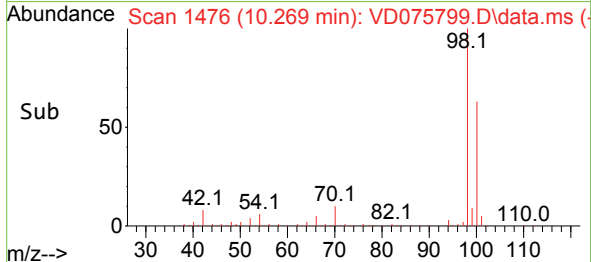
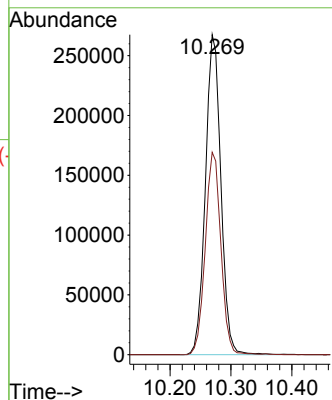
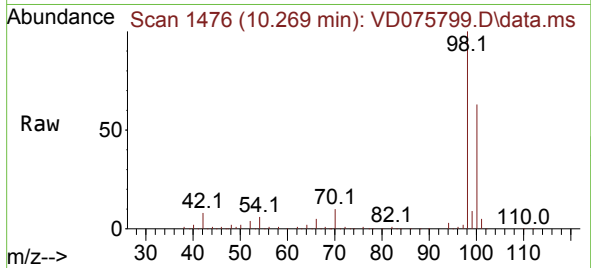




#50
Toluene-d8
Concen: 48.146 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

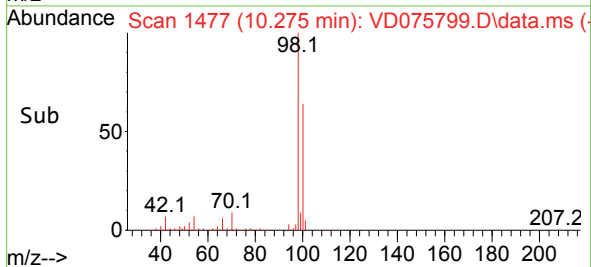
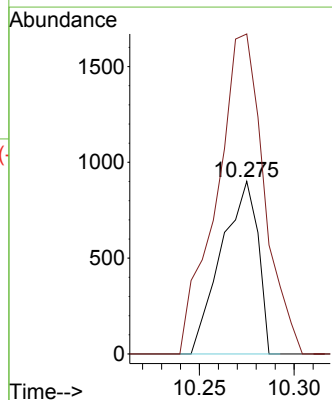
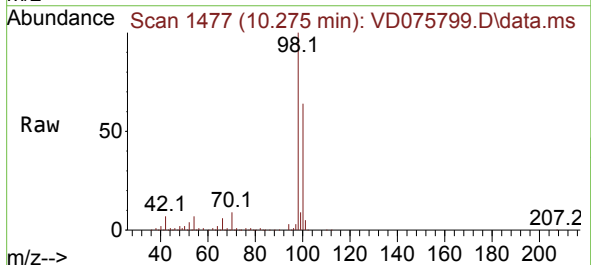
Instrument :
MSVOA_D
ClientSampleId :
MH-91

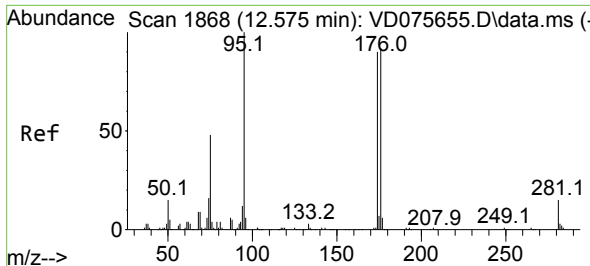
Tgt Ion: 98 Resp: 472679
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.211 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
58 241.0 29.5 44.3#

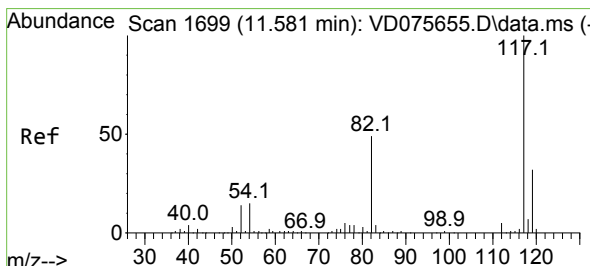
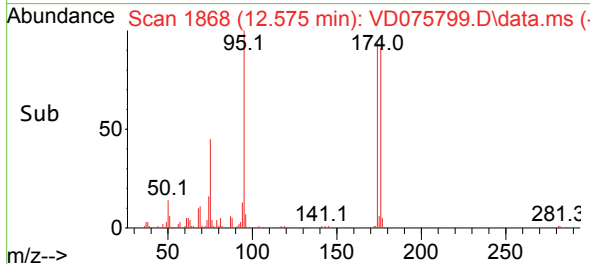
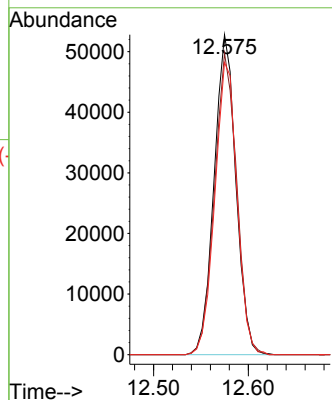
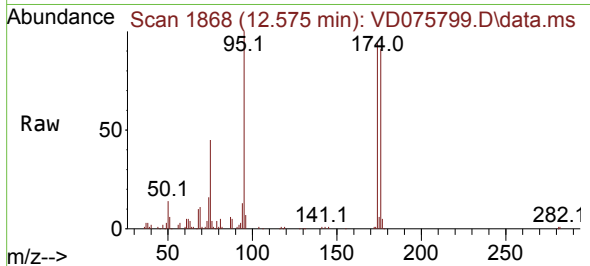




#62
4-Bromofluorobenzene
Concen: 32.372 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

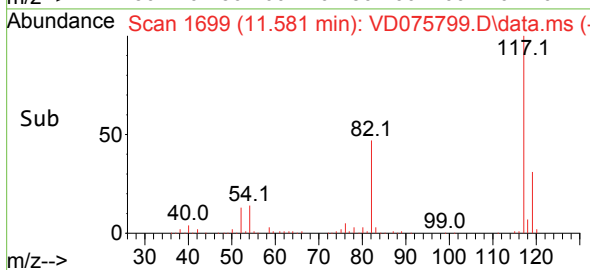
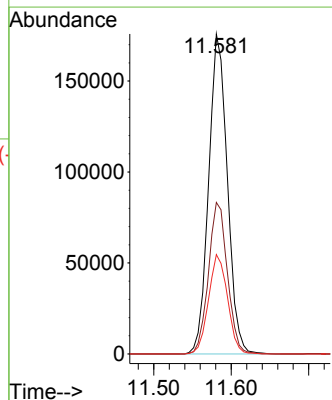
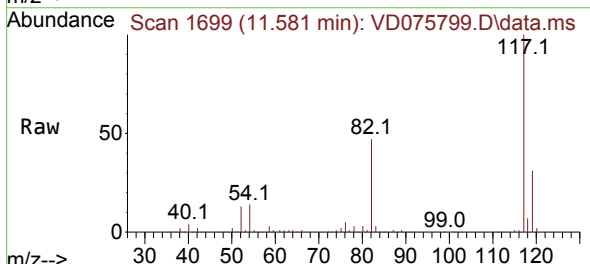
Instrument :
MSVOA_D
ClientSampleId :
MH-91

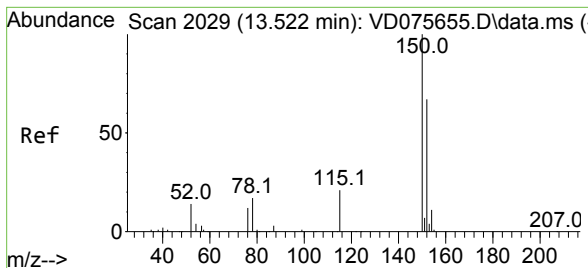
Tgt Ion: 95 Resp: 84474
Ion Ratio Lower Upper
95 100
174 96.2 0.0 164.0
176 92.9 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

Tgt Ion: 117 Resp: 294636
Ion Ratio Lower Upper
117 100
82 47.3 44.0 66.0
119 31.1 25.1 37.7

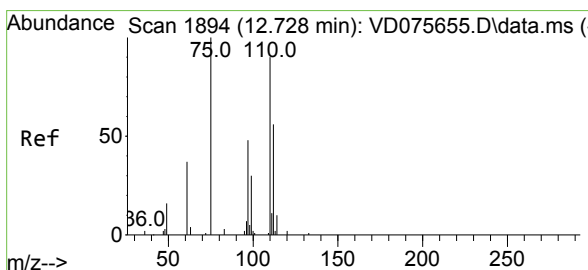
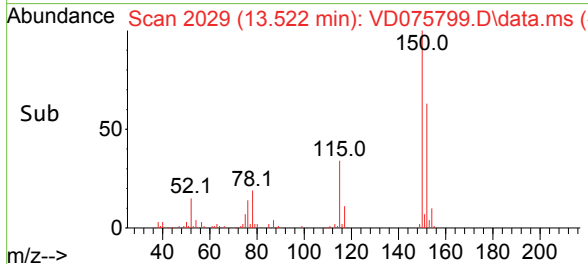
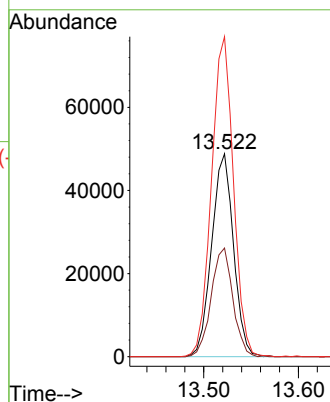
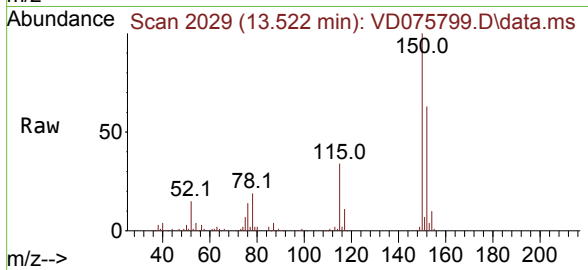




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075799.D
 Acq: 24 Apr 2023 17:50

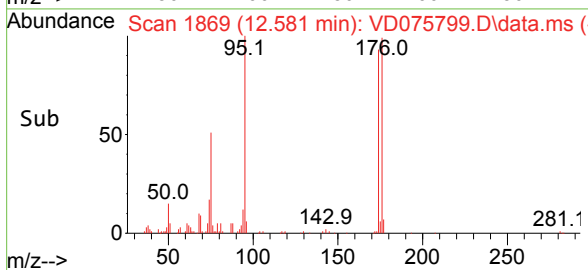
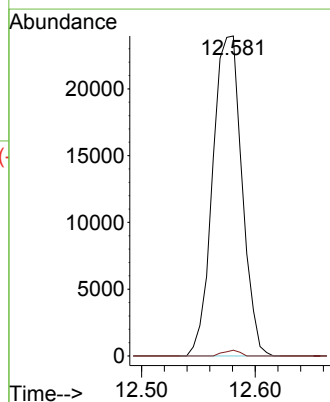
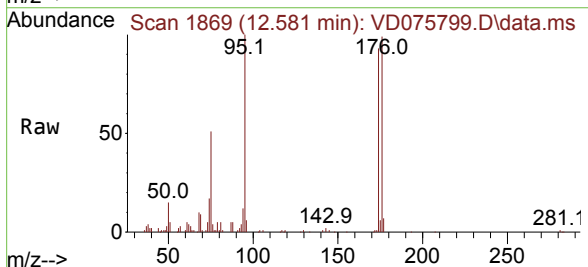
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-91

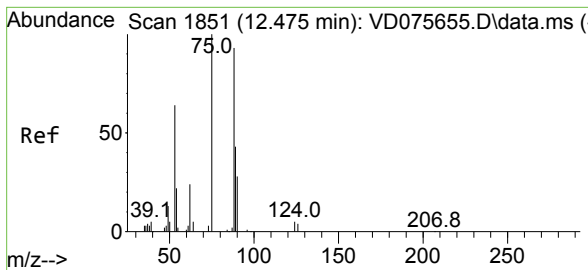
Tgt Ion:152 Resp: 78333
 Ion Ratio Lower Upper
 152 100
 115 53.1 30.1 90.3
 150 158.0 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 67.048 ug/l
 RT: 12.581 min Scan# 1869
 Delta R.T. -0.147 min
 Lab File: VD075799.D
 Acq: 24 Apr 2023 17:50

Tgt Ion: 75 Resp: 42830
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.320 ug/l
 RT: 12.581 min Scan# 1869
 Delta R.T. 0.106 min
 Lab File: VD075799.D
 Acq: 24 Apr 2023 17:50

Instrument : MSVOA_D
 ClientSampleId : MH-91

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

