

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075239.D
 Acq On : 30 Jan 2023 15:48
 Operator : KP/SY
 Sample : 01348-05
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MID2-H5(32-34)

Quant Time: Jan 31 00:22:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	13974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	24363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	25638	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	12468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10748	75.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.740%	
35) Dibromofluoromethane	7.804	113	8710	59.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.320%	
50) Toluene-d8	10.269	98	30565	52.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	12.575	95	10915	59.332	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.660%	

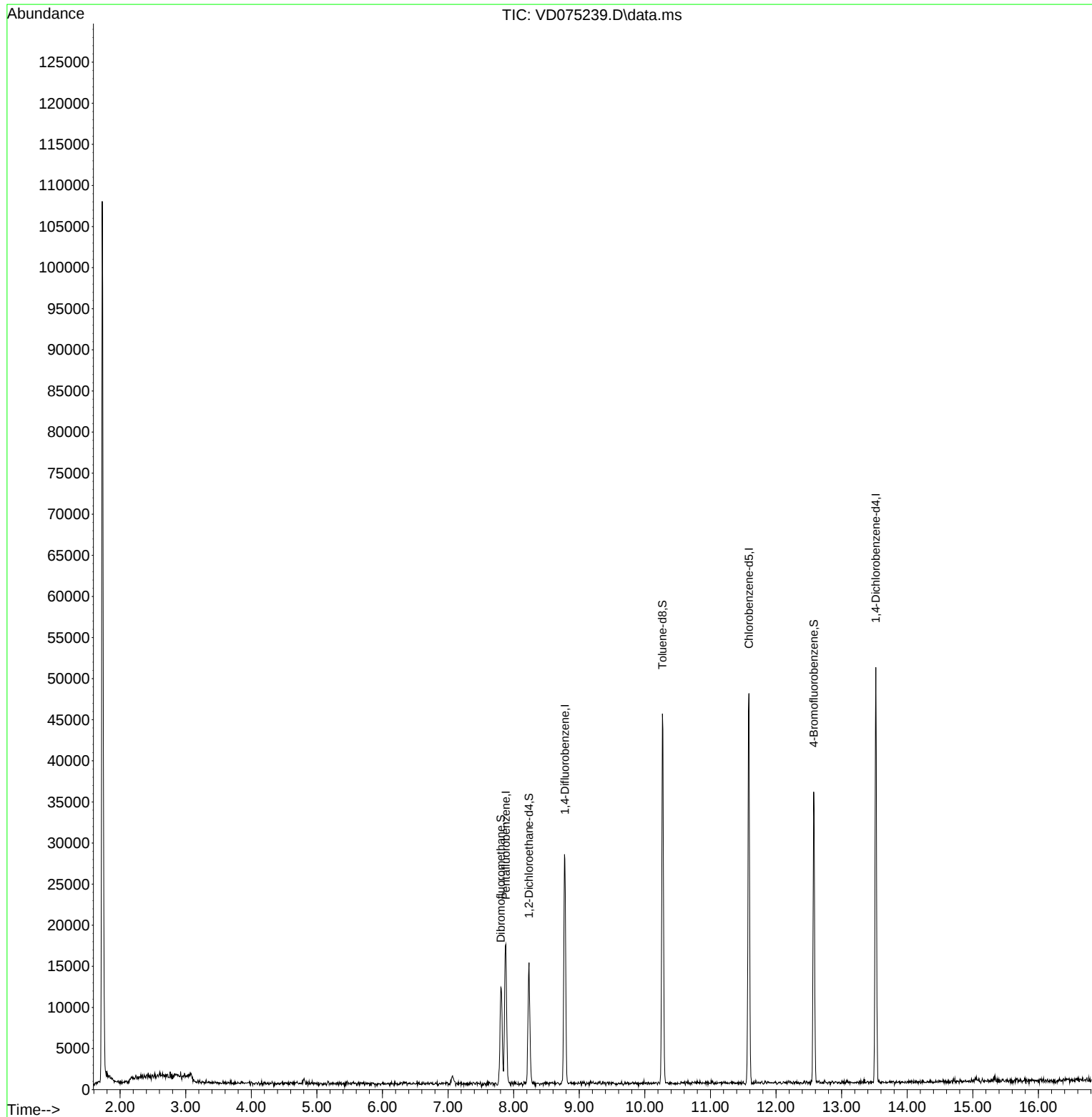
Target Compounds	Qvalue

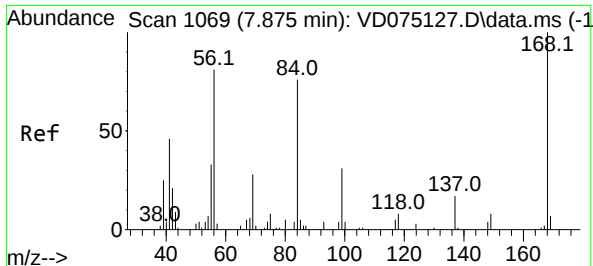
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075239.D
Acq On : 30 Jan 2023 15:48
Operator : KP/SY
Sample : 01348-05
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MID2-H5(32-34)

Quant Time: Jan 31 00:22:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

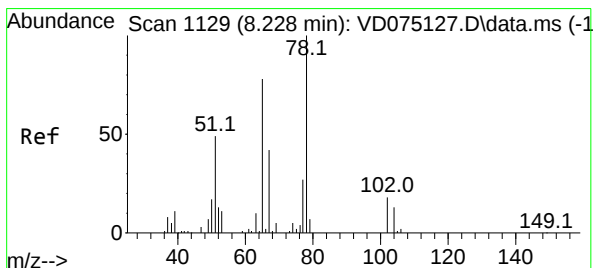
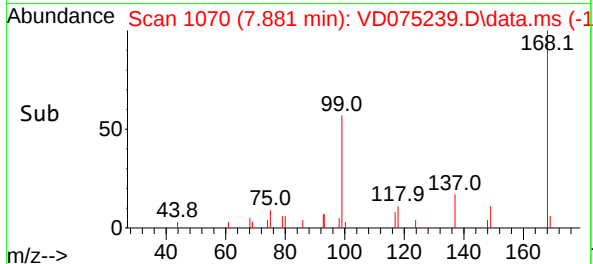
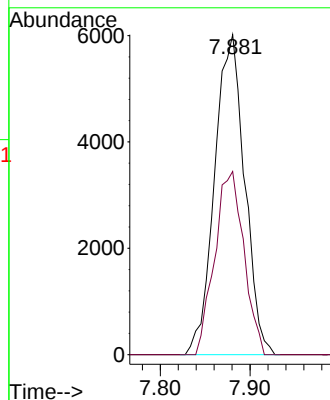
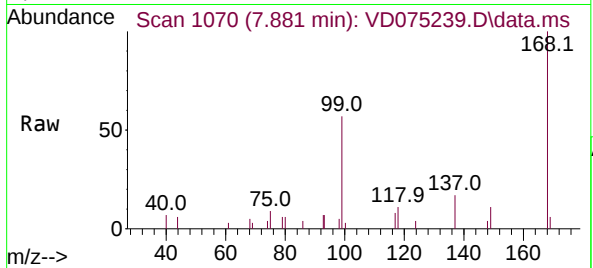




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075239.D
Acq: 30 Jan 2023 15:48

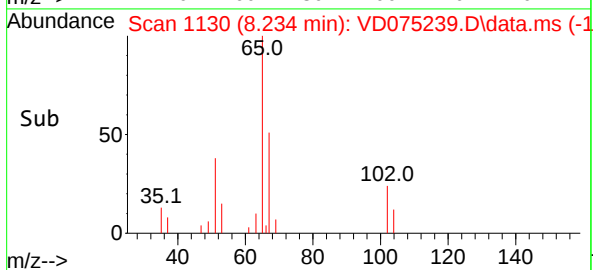
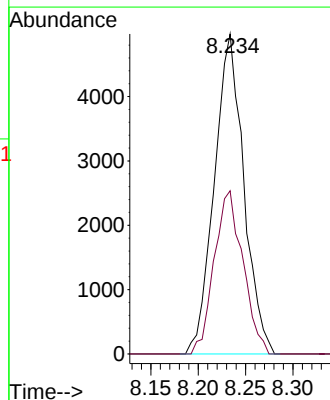
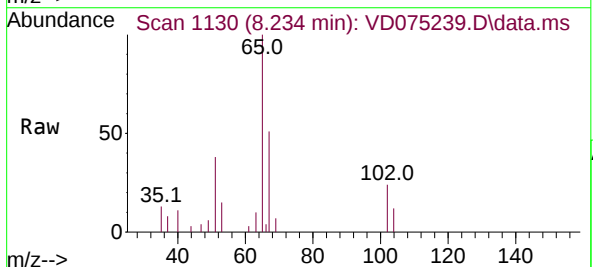
Instrument :
MSVOA_D
ClientSampleId :
MID2-H5(32-34)

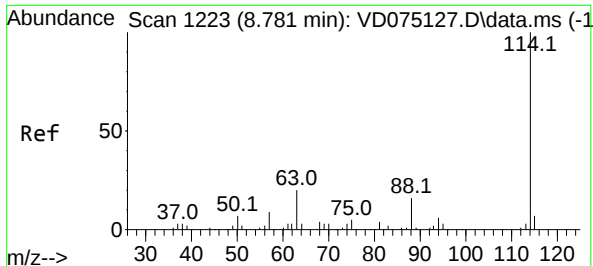
Tgt Ion:168 Resp: 13974
Ion Ratio Lower Upper
168 100
99 57.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 75.375 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD075239.D
Acq: 30 Jan 2023 15:48

Tgt Ion: 65 Resp: 10748
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075239.D

Acq: 30 Jan 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

MID2-H5(32-34)

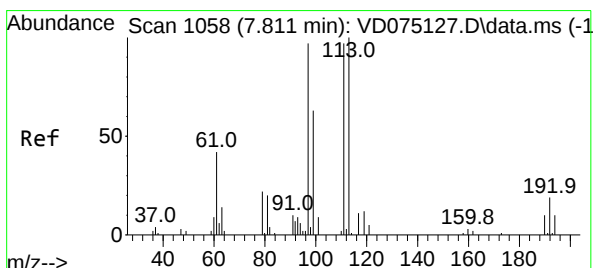
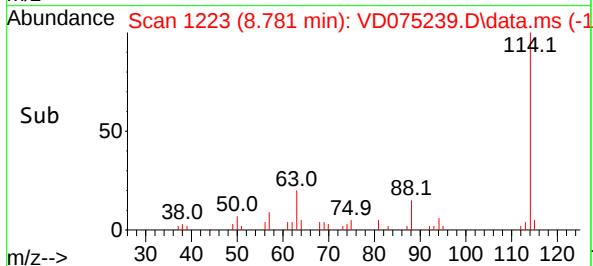
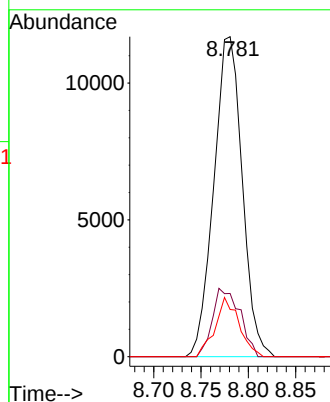
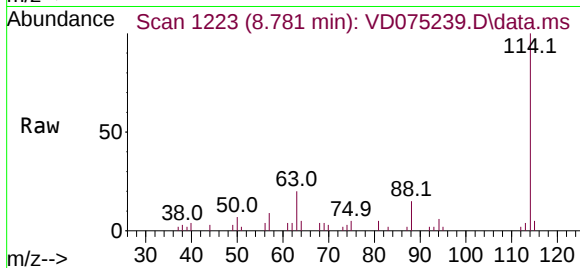
Tgt Ion:114 Resp: 24363

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 59.164 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075239.D

Acq: 30 Jan 2023 15:48

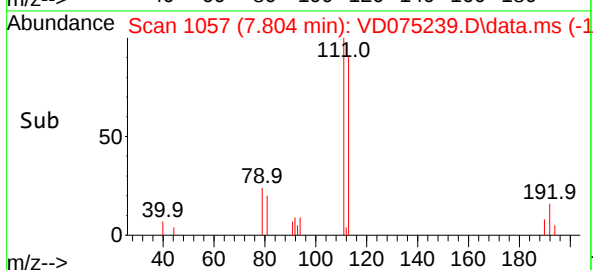
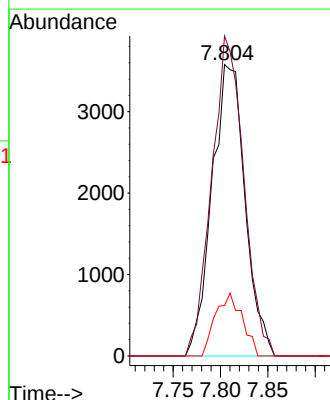
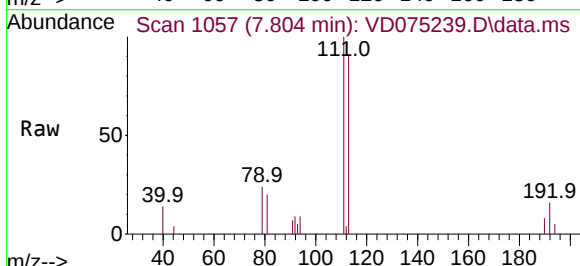
Tgt Ion:113 Resp: 8710

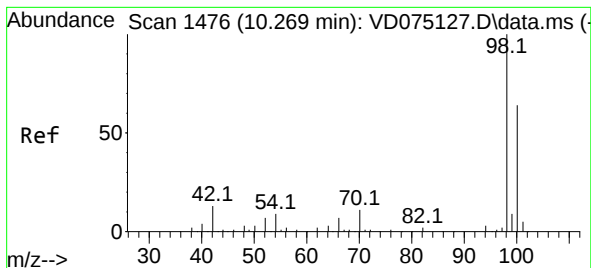
Ion Ratio Lower Upper

113 100

111 106.3 80.1 120.1

192 17.3 15.4 23.0





#50

Toluene-d8

Concen: 52.730 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075239.D

Acq: 30 Jan 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

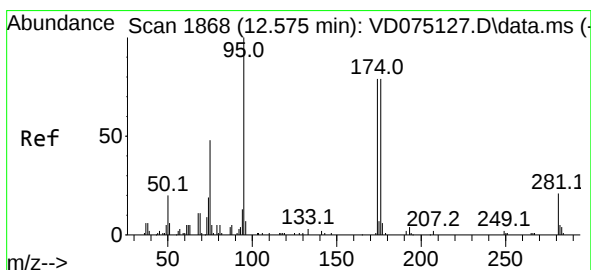
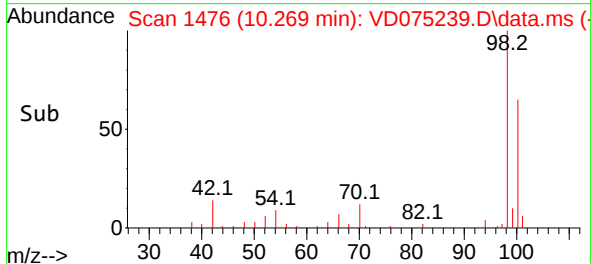
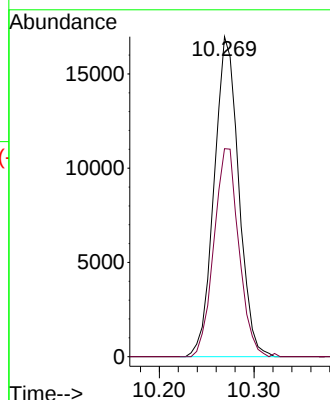
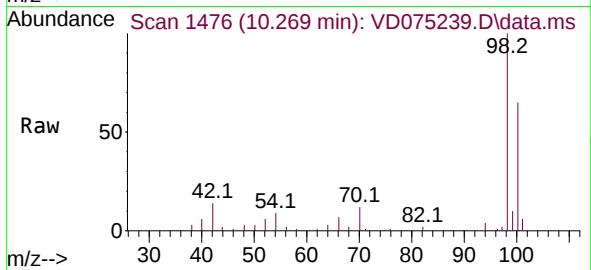
MID2-H5(32-34)

Tgt Ion: 98 Resp: 30565

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 59.332 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075239.D

Acq: 30 Jan 2023 15:48

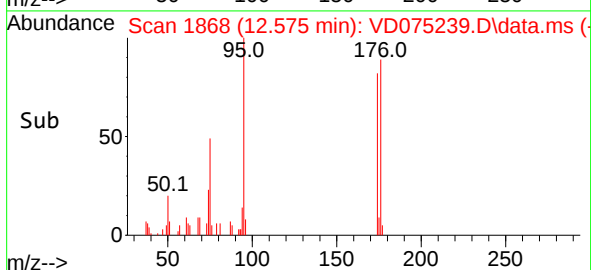
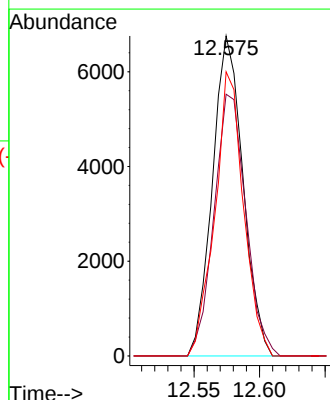
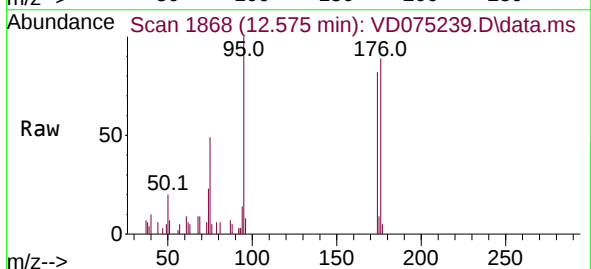
Tgt Ion: 95 Resp: 10915

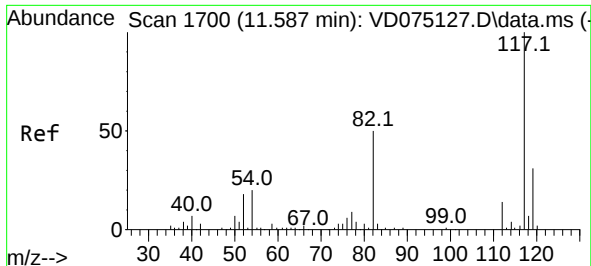
Ion Ratio Lower Upper

95 100

174 85.4 0.0 161.2

176 83.5 0.0 160.2

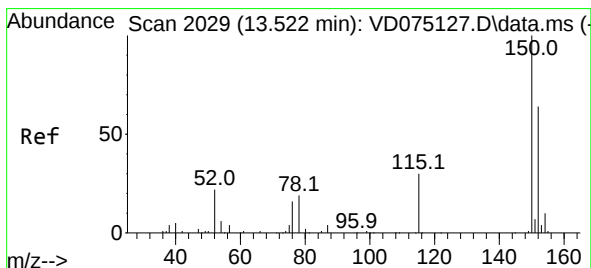
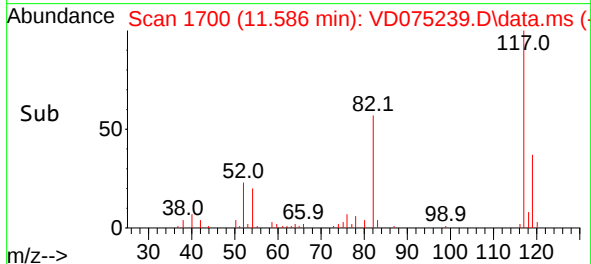
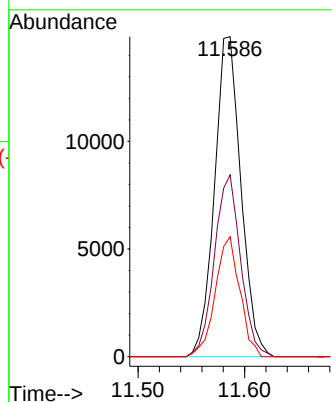
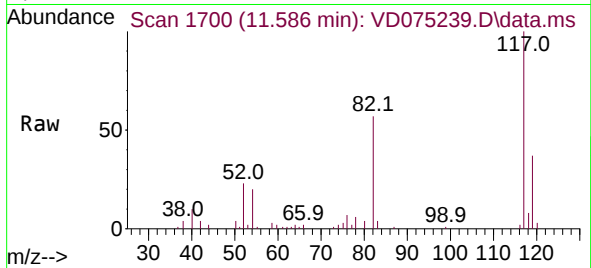




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075239.D
Acq: 30 Jan 2023 15:48

Instrument :
MSVOA_D
ClientSampleId :
MID2-H5(32-34)

Tgt Ion:117 Resp: 25638
Ion Ratio Lower Upper
117 100
82 56.8 39.6 59.4
119 37.5 24.6 37.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075239.D
Acq: 30 Jan 2023 15:48

Tgt Ion:152 Resp: 12468
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.4
150 159.3 0.0 348.6

