

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075209.D
 Acq On : 26 Jan 2023 14:17
 Operator : KP/SY
 Sample : VD0126SBL07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0126SBL07

Quant Time: Jan 27 00:24:33 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	7.875	168	85315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	158340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	145936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42816	49.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.360%
35) Dibromofluoromethane	7.804	113	46115	48.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.400%
50) Toluene-d8	10.269	98	189462	50.291	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.575	95	61017	51.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.060%

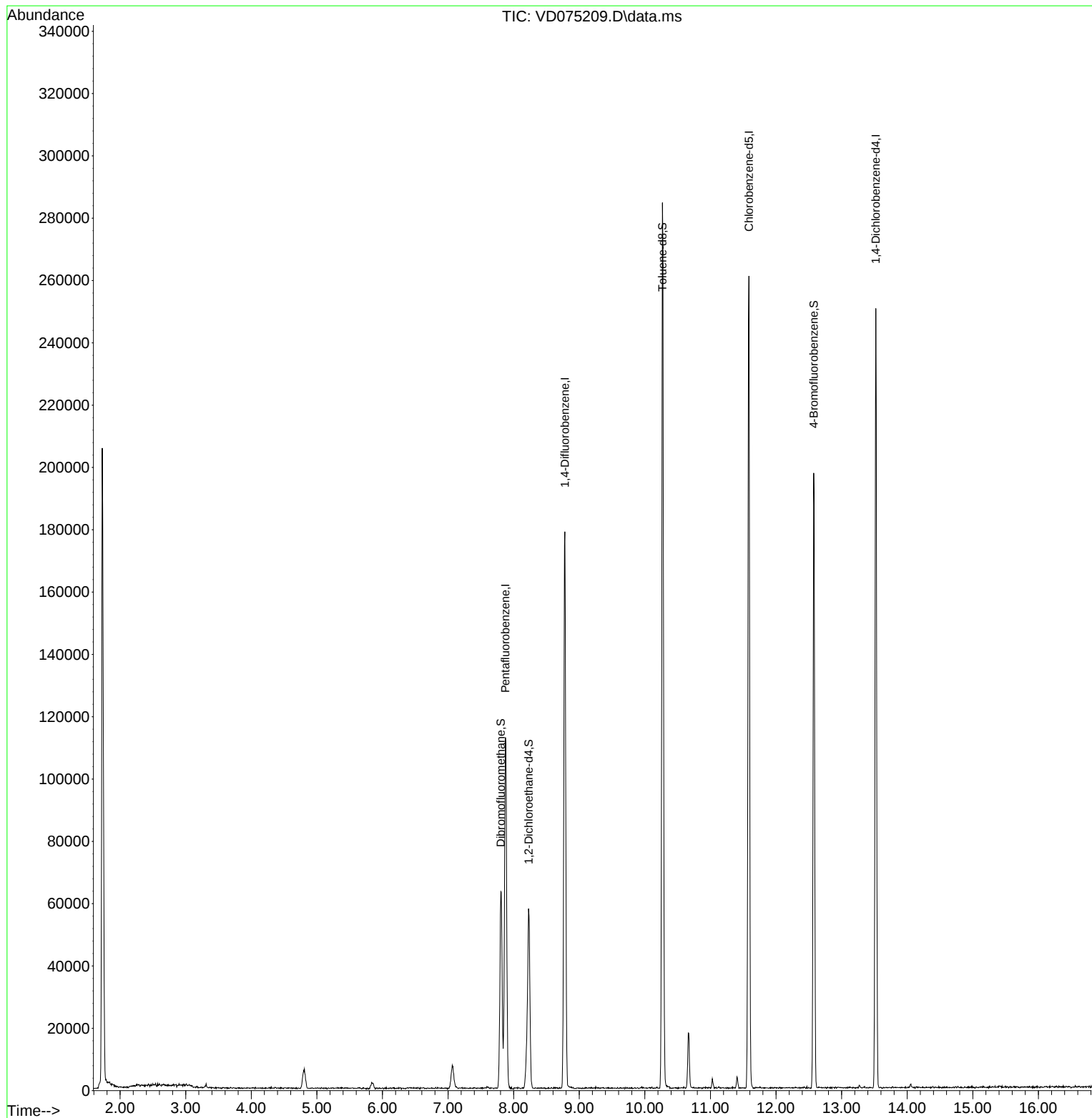
Target Compounds	Qvalue

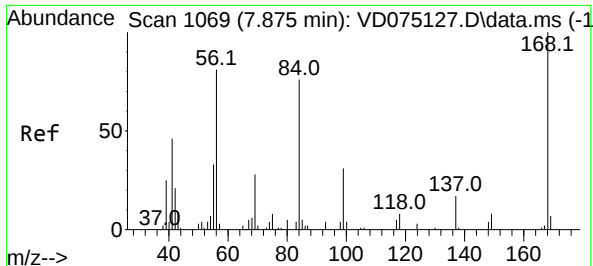
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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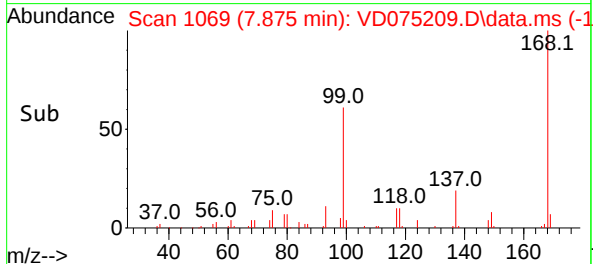
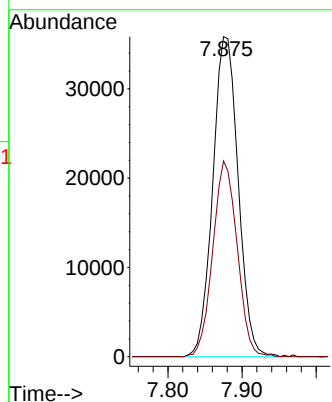
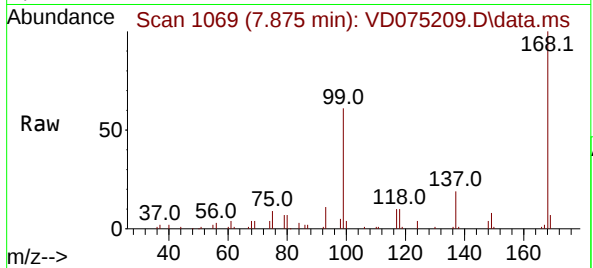




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075209.D
Acq: 26 Jan 2023 14:17

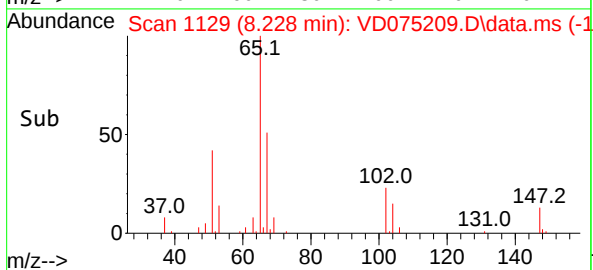
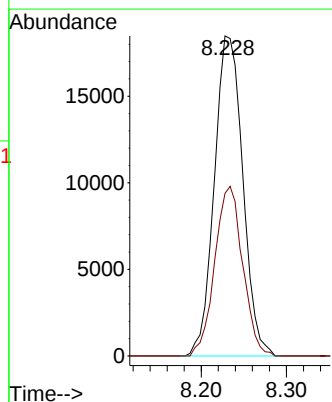
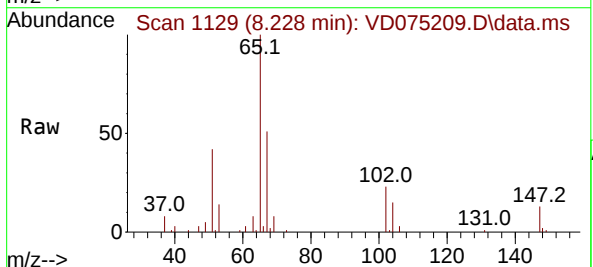
Instrument :
MSVOA_D
ClientSampleId :
VD0126SBL07

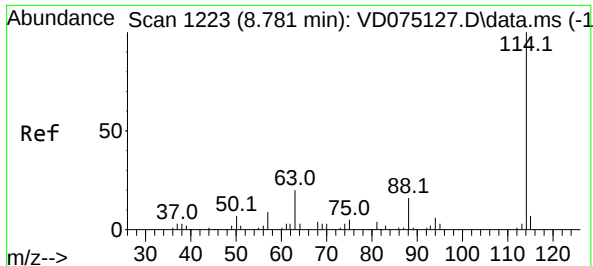
Tgt Ion:168 Resp: 85315
Ion Ratio Lower Upper
168 100
99 61.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 49.181 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075209.D
Acq: 26 Jan 2023 14:17

Tgt Ion: 65 Resp: 42816
Ion Ratio Lower Upper
65 100
67 52.0 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: VD075209.D

Acq: 26 Jan 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VD0126SBL07

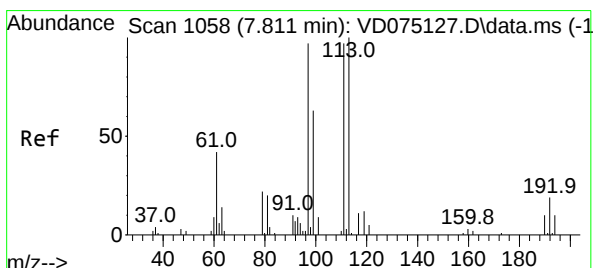
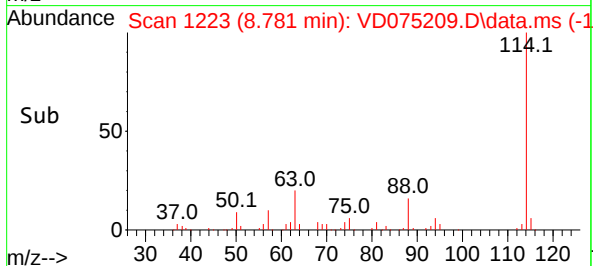
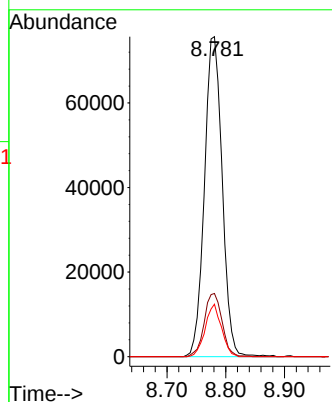
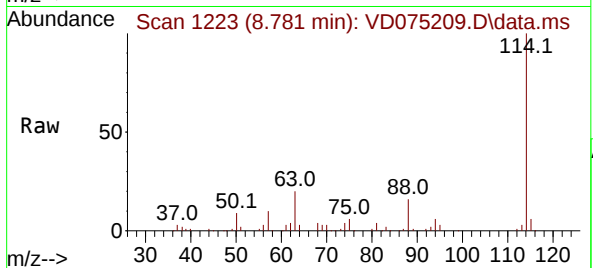
Tgt Ion:114 Resp: 158340

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 16.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.197 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075209.D

Acq: 26 Jan 2023 14:17

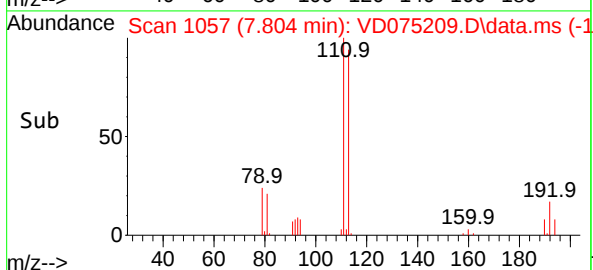
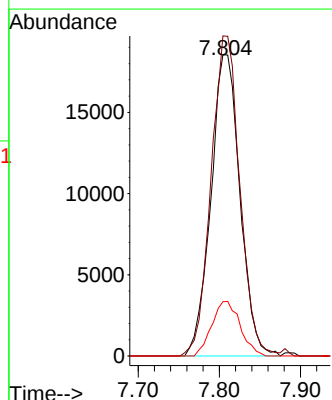
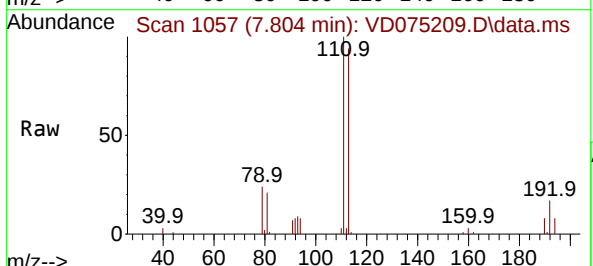
Tgt Ion:113 Resp: 46115

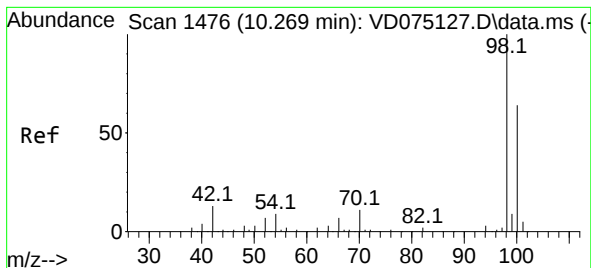
Ion Ratio Lower Upper

113 100

111 105.0 80.1 120.1

192 17.7 15.4 23.0





#50

Toluene-d8

Concen: 50.291 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075209.D

Acq: 26 Jan 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

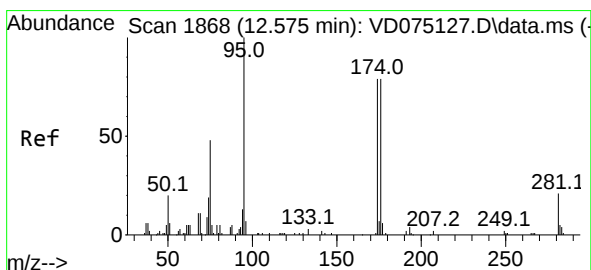
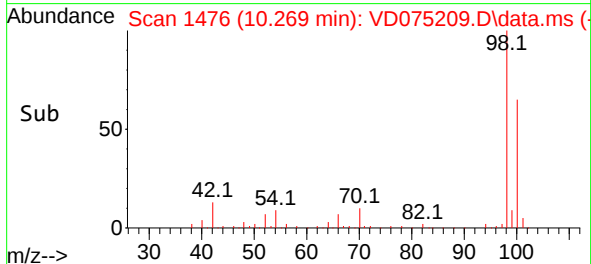
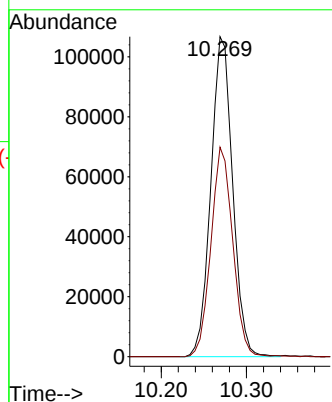
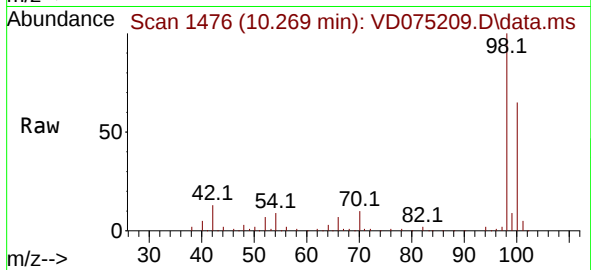
VD0126SBL07

Tgt Ion: 98 Resp: 189462

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 51.034 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075209.D

Acq: 26 Jan 2023 14:17

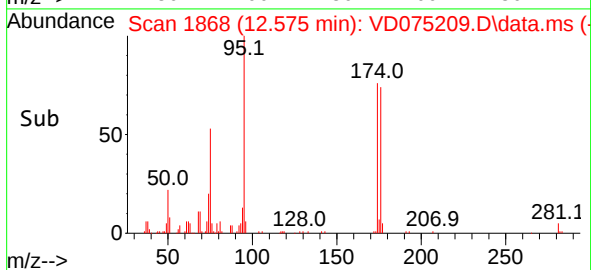
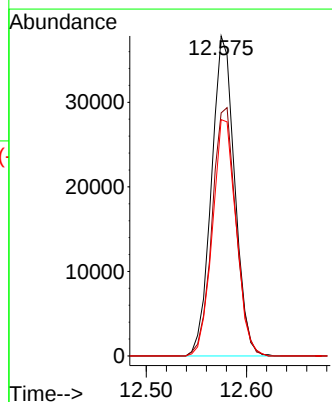
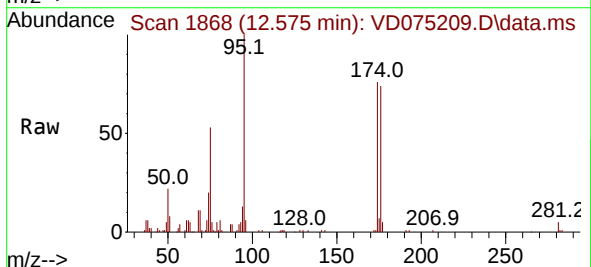
Tgt Ion: 95 Resp: 61017

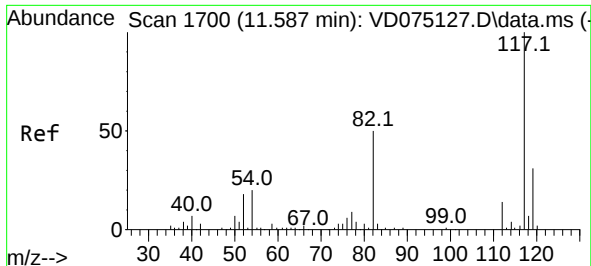
Ion Ratio Lower Upper

95 100

174 79.6 0.0 161.2

176 75.3 0.0 160.2

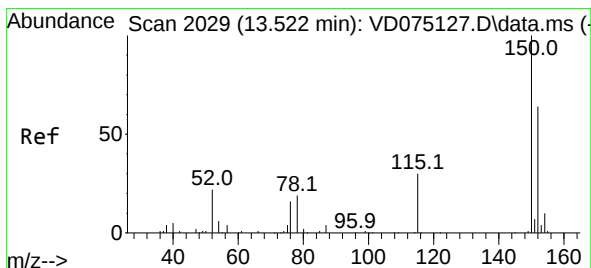
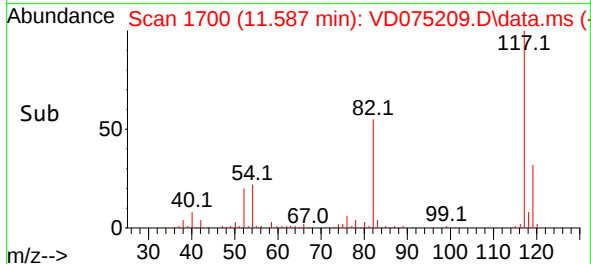
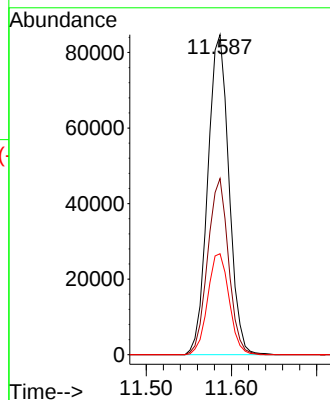
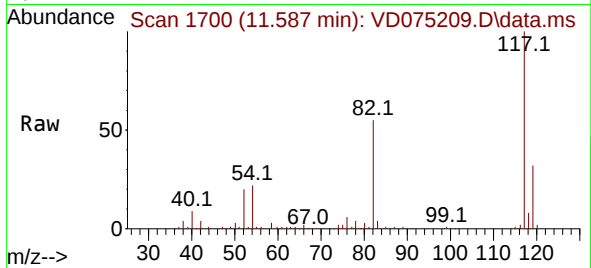




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075209.D
Acq: 26 Jan 2023 14:17

Instrument :
MSVOA_D
ClientSampleId :
VD0126SBL07

Tgt Ion:117 Resp: 145936
Ion Ratio Lower Upper
117 100
82 55.1 39.6 59.4
119 31.5 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: VD075209.D
Acq: 26 Jan 2023 14:17

Tgt Ion:152 Resp: 63628
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.4
150 159.5 0.0 348.6

