

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
 Data File : VD075221.D
 Acq On : 27 Jan 2023 13:09
 Operator : KP/SY
 Sample : VD0127SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBL01

Quant Time: Jan 30 01:01:00 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	80389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	143429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	140701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	41343	50.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.800%
35) Dibromofluoromethane	7.811	113	42850	49.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.269	98	177568	52.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.575	95	55662	51.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.780%

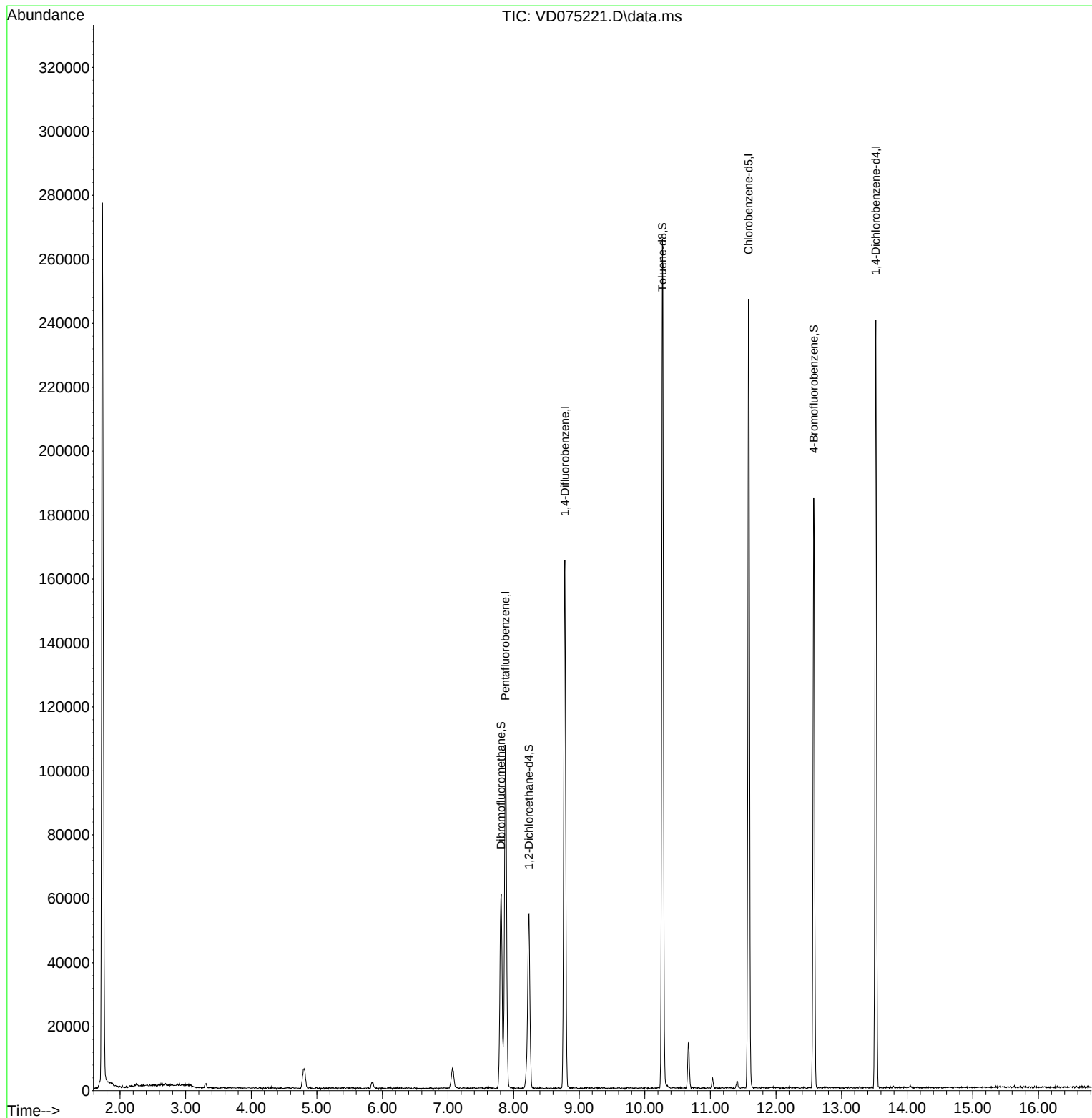
Target Compounds	Qvalue

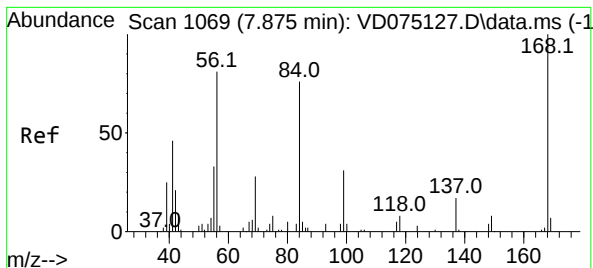
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 19 01:32:27 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD075221.D

Acq: 27 Jan 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

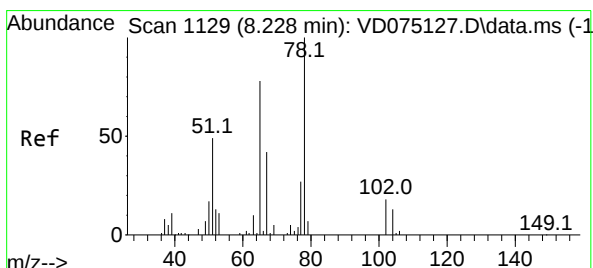
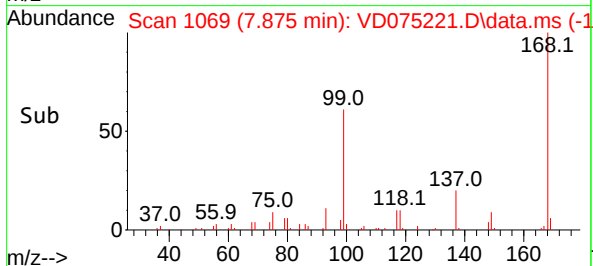
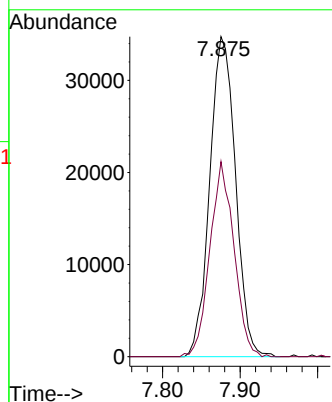
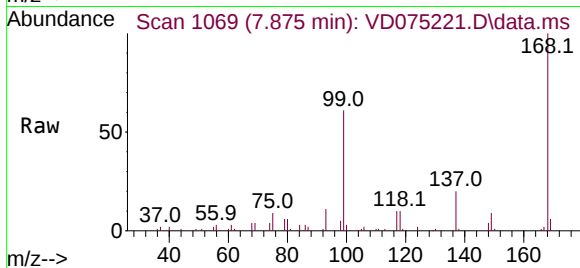
VD0127SBL01

Tgt Ion:168 Resp: 80389

Ion Ratio Lower Upper

168 100

99 60.9 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 50.399 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075221.D

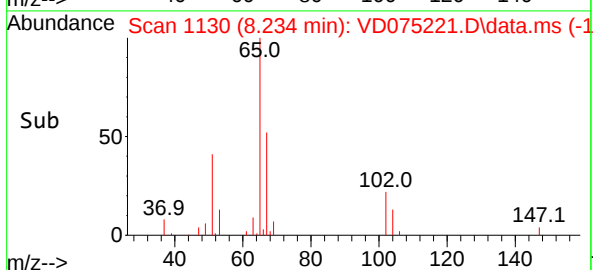
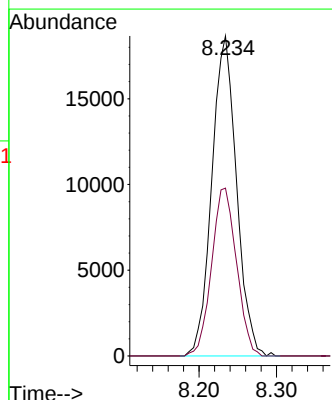
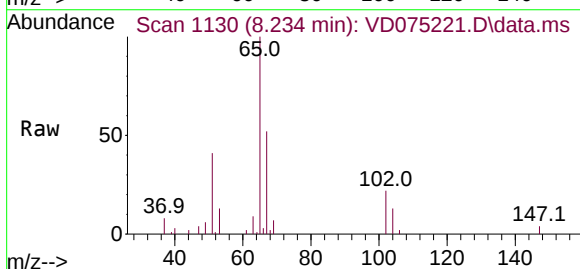
Acq: 27 Jan 2023 13:09

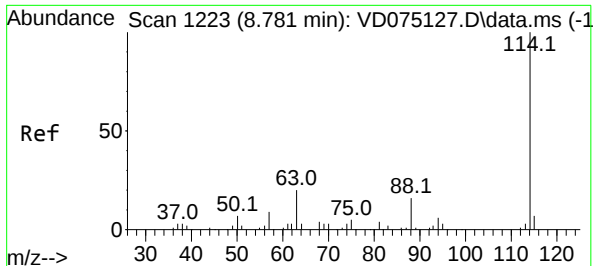
Tgt Ion: 65 Resp: 41343

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.2

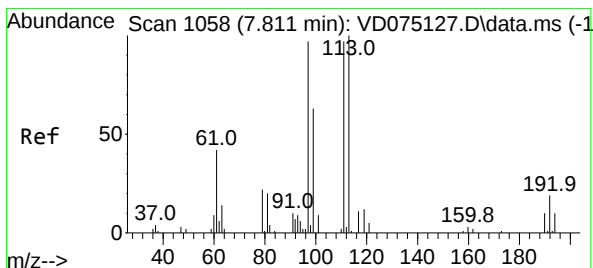
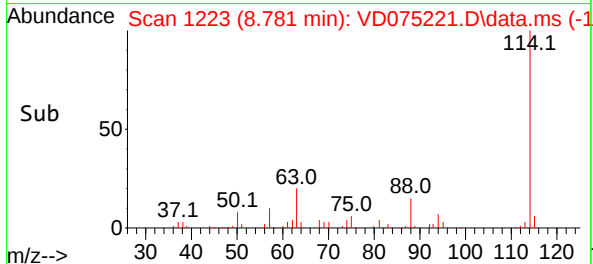
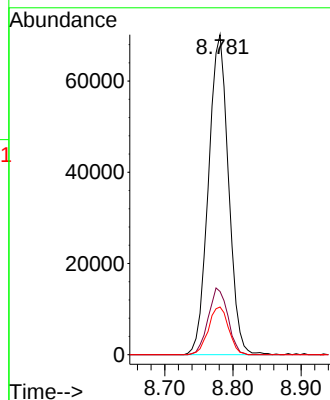
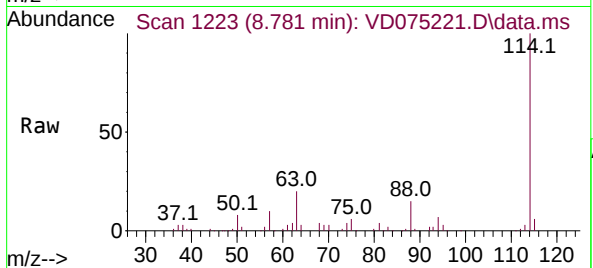




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075221.D
Acq: 27 Jan 2023 13:09

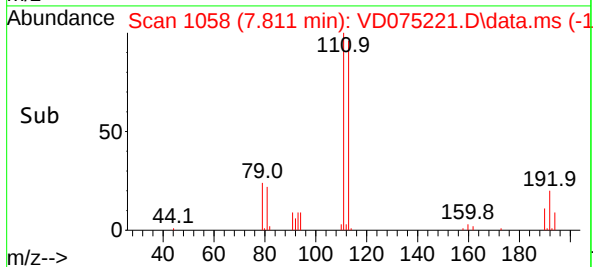
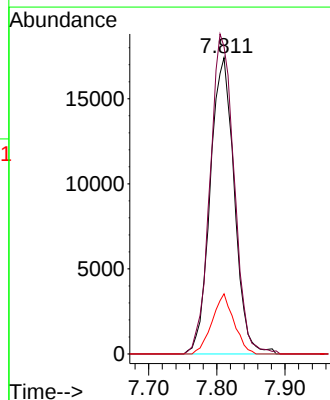
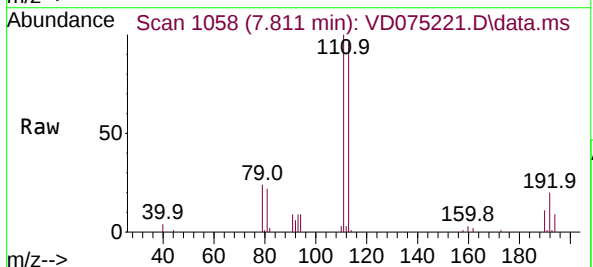
Instrument :
MSVOA_D
ClientSampleId :
VD0127SBL01

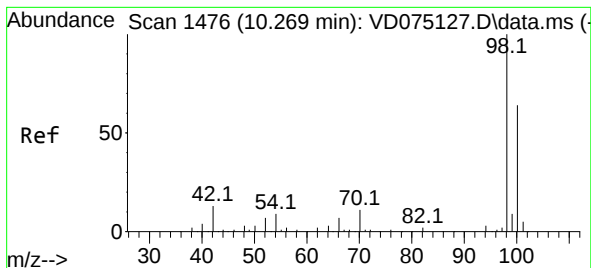
Tgt Ion:114 Resp: 143429
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.2
88 14.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 49.441 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075221.D
Acq: 27 Jan 2023 13:09

Tgt Ion:113 Resp: 42850
Ion Ratio Lower Upper
113 100
111 108.0 80.1 120.1
192 18.4 15.4 23.0





#50

Toluene-d8

Concen: 52.034 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075221.D

Acq: 27 Jan 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

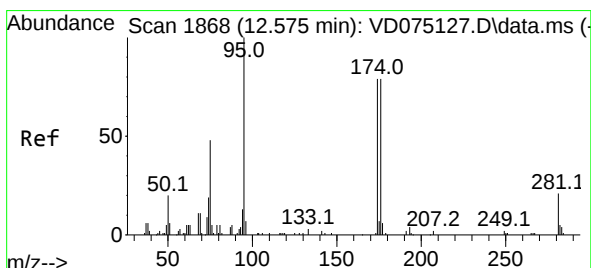
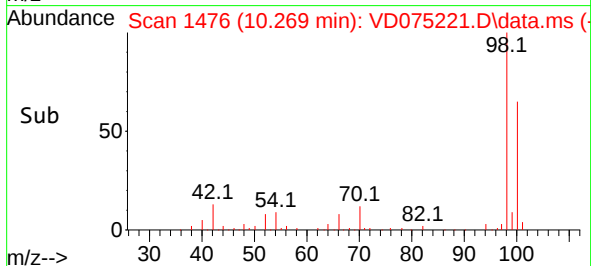
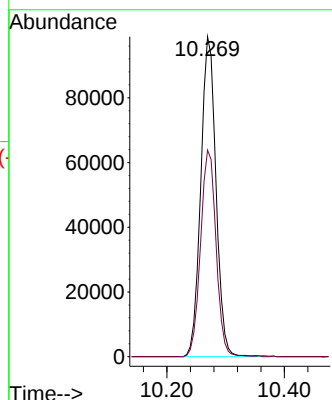
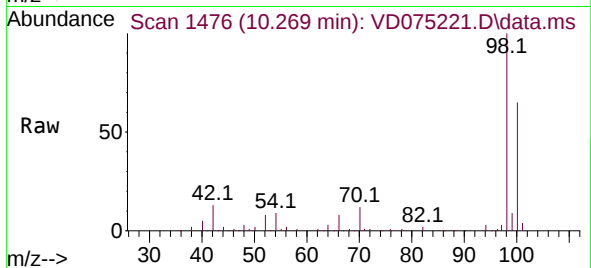
VD0127SBL01

Tgt Ion: 98 Resp: 177568

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 51.395 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD075221.D

Acq: 27 Jan 2023 13:09

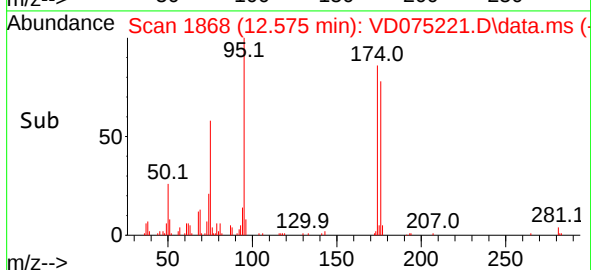
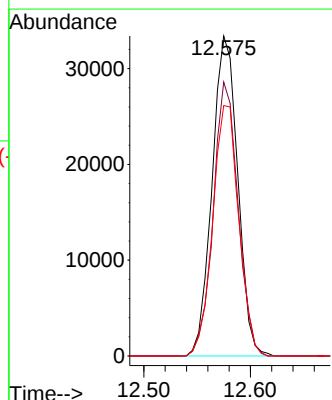
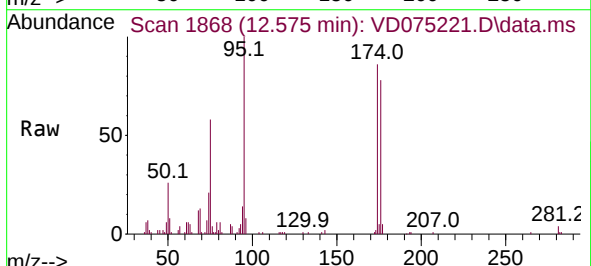
Tgt Ion: 95 Resp: 55662

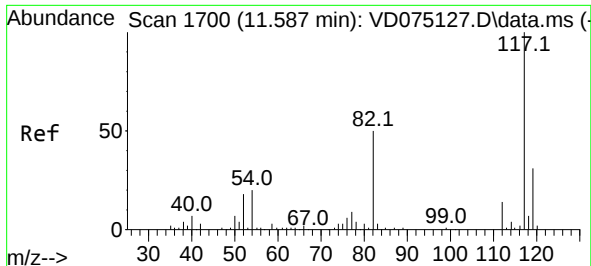
Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.2

176 79.8 0.0 160.2

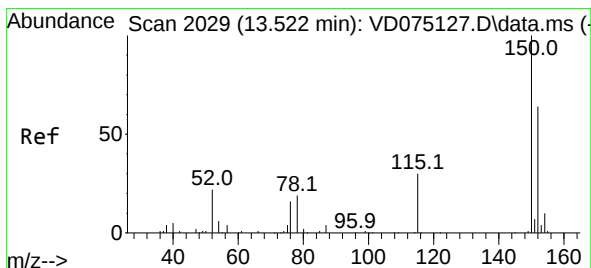
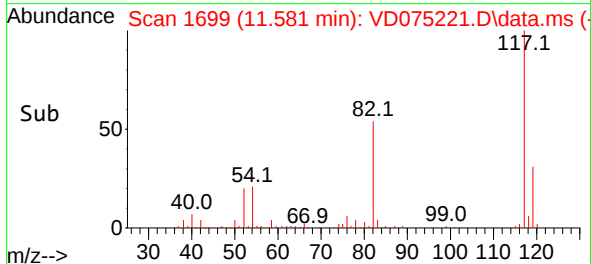
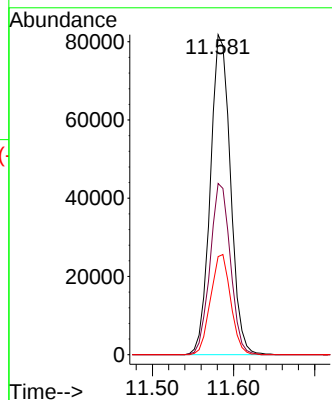
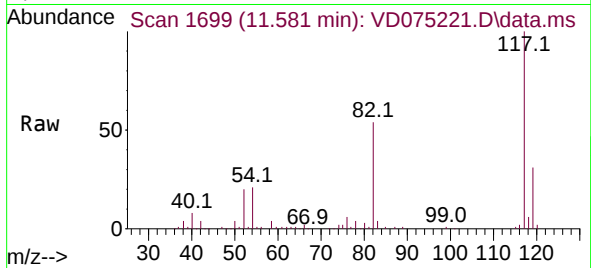




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075221.D
Acq: 27 Jan 2023 13:09

Instrument :
MSVOA_D
ClientSampleId :
VD0127SBL01

Tgt Ion:117 Resp: 140701
Ion Ratio Lower Upper
117 100
82 53.5 39.6 59.4
119 30.7 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: VD075221.D
Acq: 27 Jan 2023 13:09

Tgt Ion:152 Resp: 62352
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.4
150 153.8 0.0 348.6

