

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075176.D
 Acq On : 23 Jan 2023 15:27
 Operator : KP/SY
 Sample : 01233-06
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P37A

Quant Time: Jan 23 15:36:53 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	85119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	168462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	154125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44088	50.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.520%
35) Dibromofluoromethane	7.810	113	49031	48.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.340%
50) Toluene-d8	10.269	98	206068	51.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.575	95	63633	50.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.040%

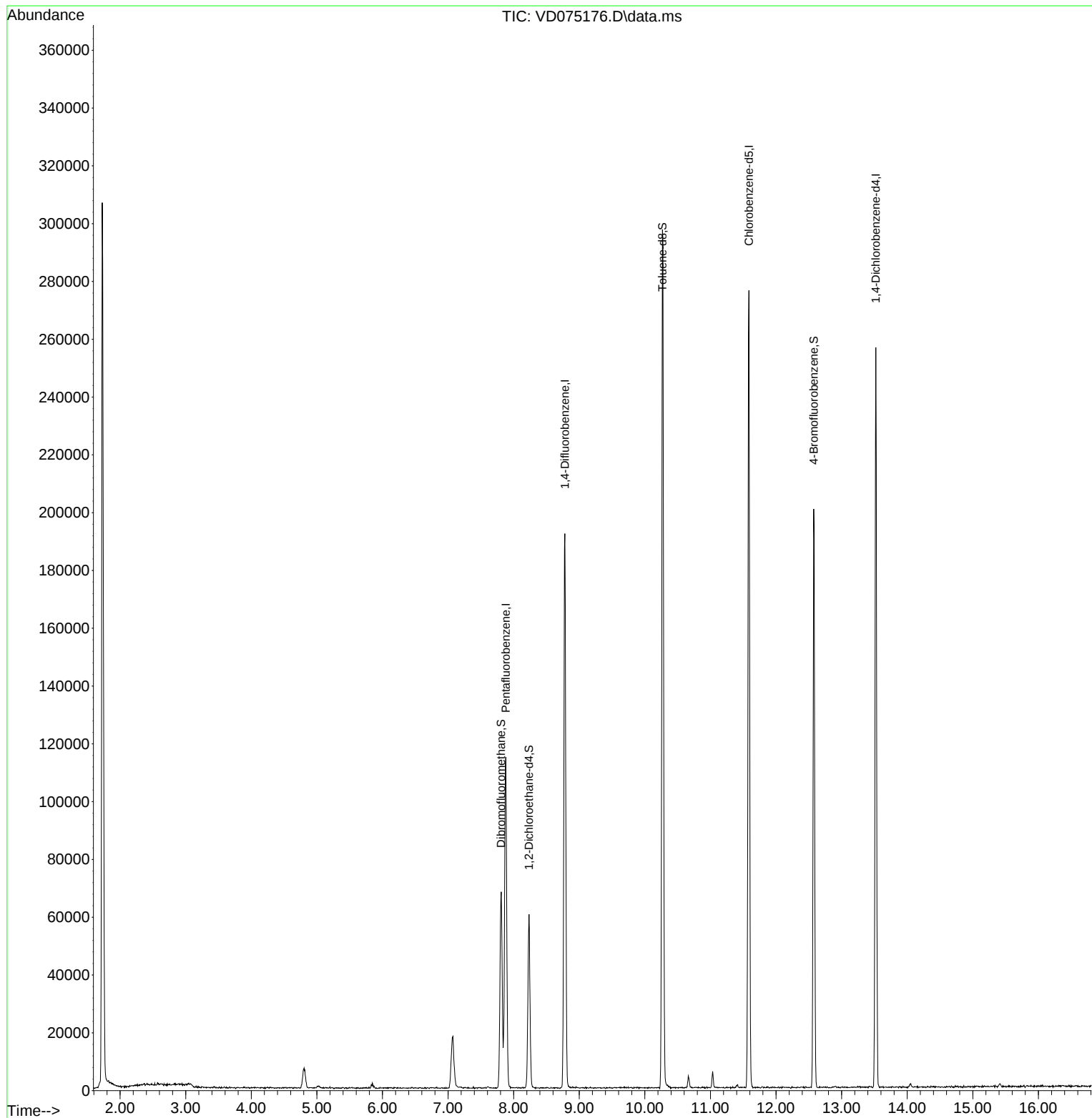
Target Compounds	Qvalue

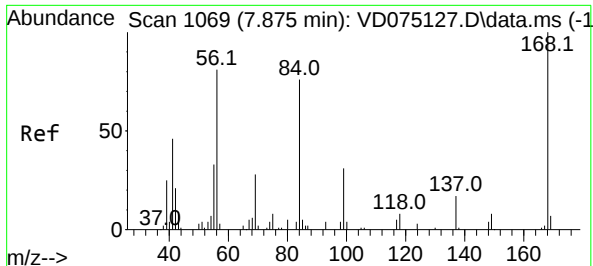
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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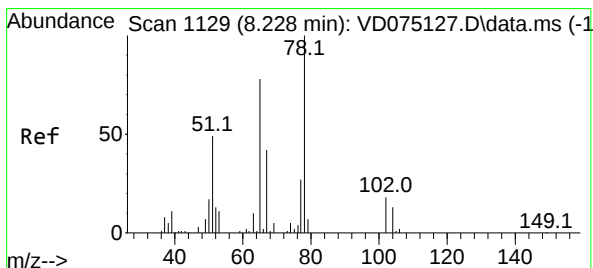
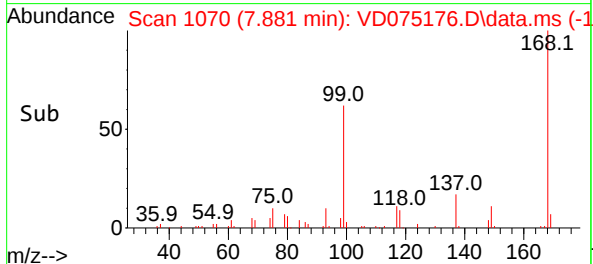
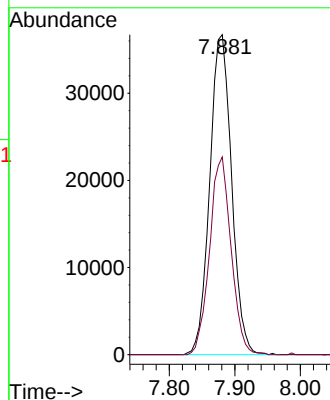
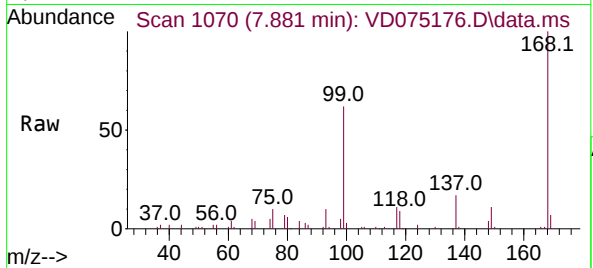




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

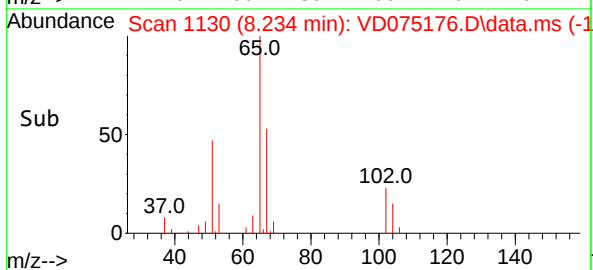
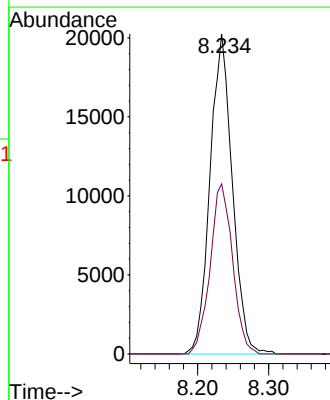
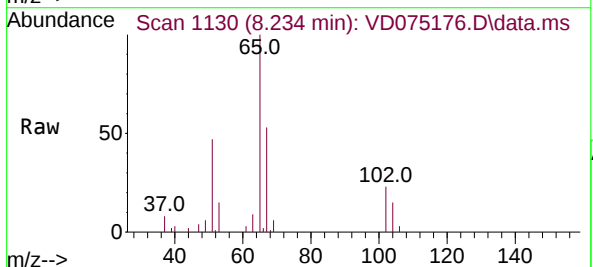
Instrument :
MSVOA_D
ClientSampleId :
B-P37A

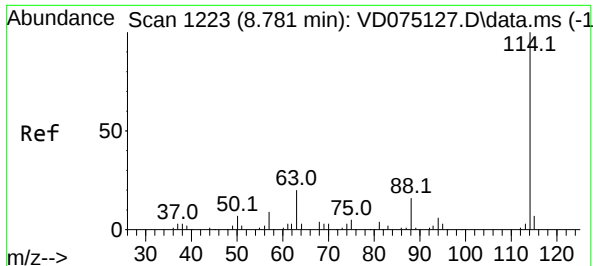
Tgt Ion:168 Resp: 85119
Ion Ratio Lower Upper
168 100
99 61.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 50.759 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion: 65 Resp: 44088
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075176.D

Acq: 23 Jan 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

B-P37A

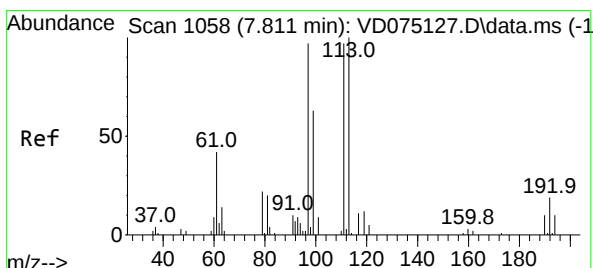
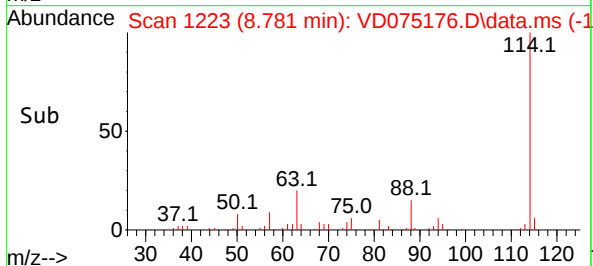
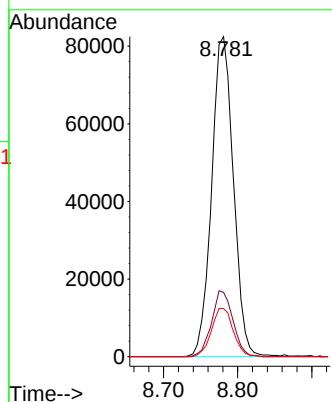
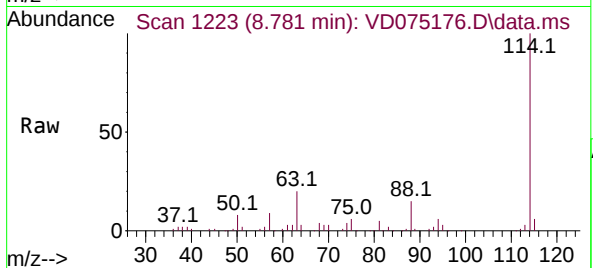
Tgt Ion:114 Resp: 168462

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.166 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075176.D

Acq: 23 Jan 2023 15:27

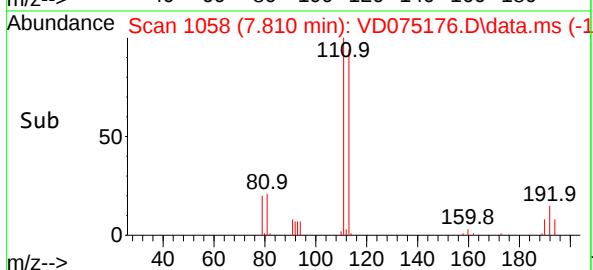
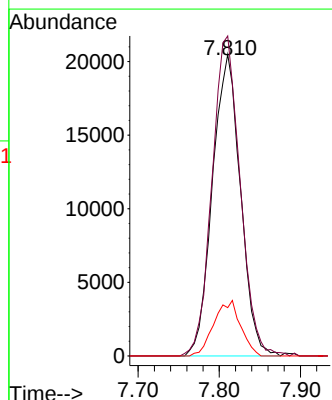
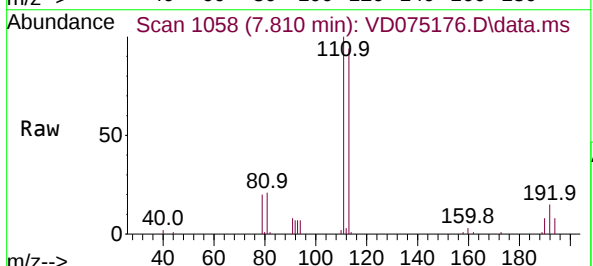
Tgt Ion:113 Resp: 49031

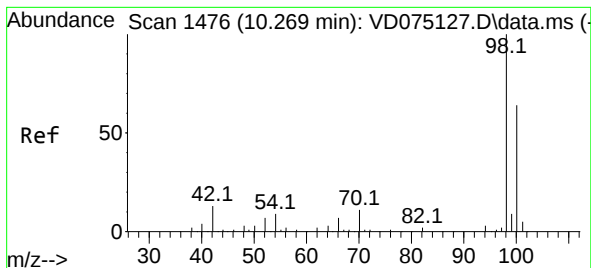
Ion Ratio Lower Upper

113 100

111 106.9 80.1 120.1

192 17.6 15.4 23.0

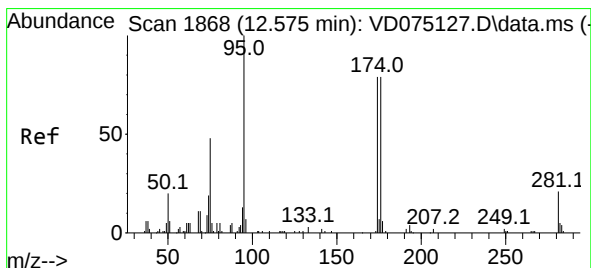
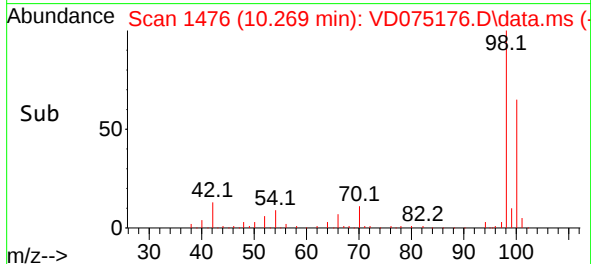
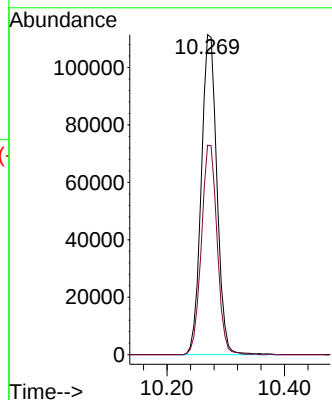
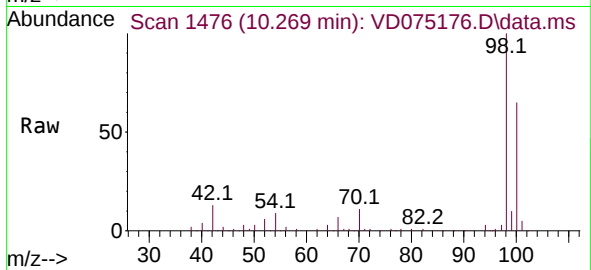




#50
Toluene-d8
Concen: 51.413 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

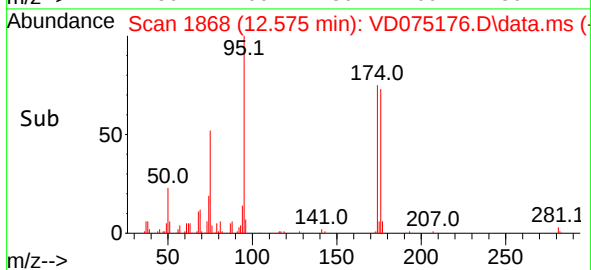
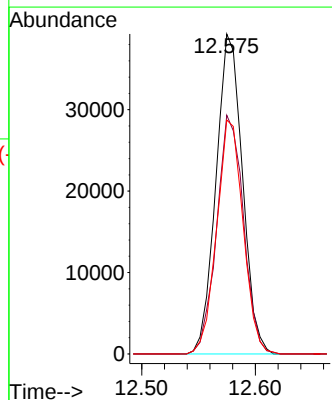
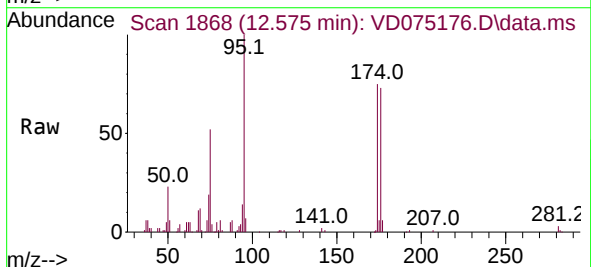
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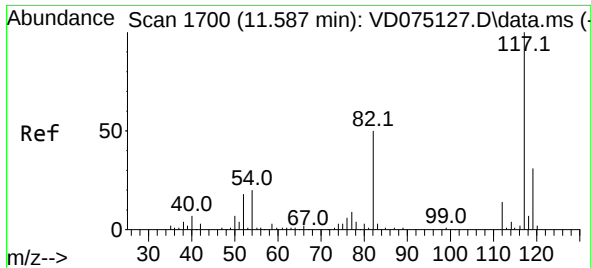
Tgt Ion: 98 Resp: 206068
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 50.024 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion: 95 Resp: 63633
Ion Ratio Lower Upper
95 100
174 75.6 0.0 161.2
176 73.1 0.0 160.2

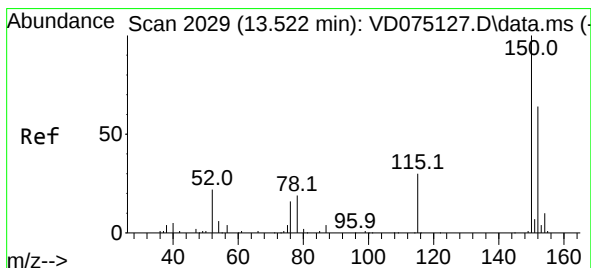
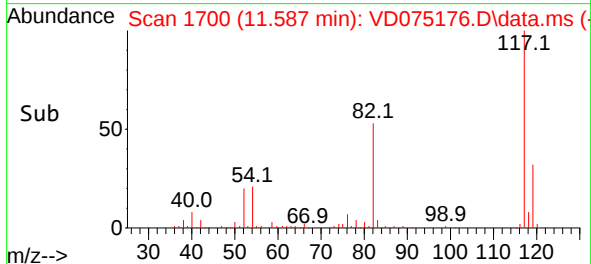
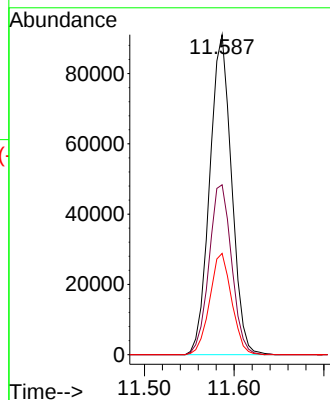
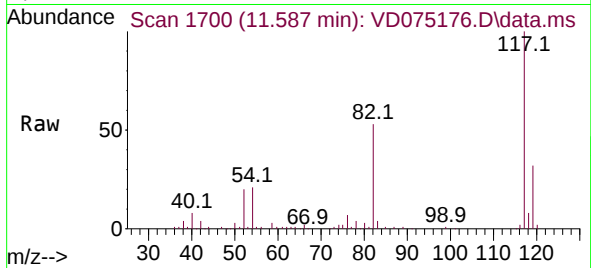




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
B-P37A

Tgt Ion:117 Resp: 154125
Ion Ratio Lower Upper
117 100
82 53.1 39.6 59.4
119 31.6 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: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion:152 Resp: 63432
Ion Ratio Lower Upper
152 100
115 61.5 28.8 86.4
150 158.9 0.0 348.6

