

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075187.D
 Acq On : 24 Jan 2023 14:42
 Operator : KP/SY
 Sample : 01255-01
 Misc : 5.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BORING-1

Quant Time: Jan 25 00:33:21 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	81948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	161172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	151146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64809	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45384	54.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.540%
35) Dibromofluoromethane	7.810	113	48240	49.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.269	98	199908	52.132	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.575	95	62946	51.722	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.440%

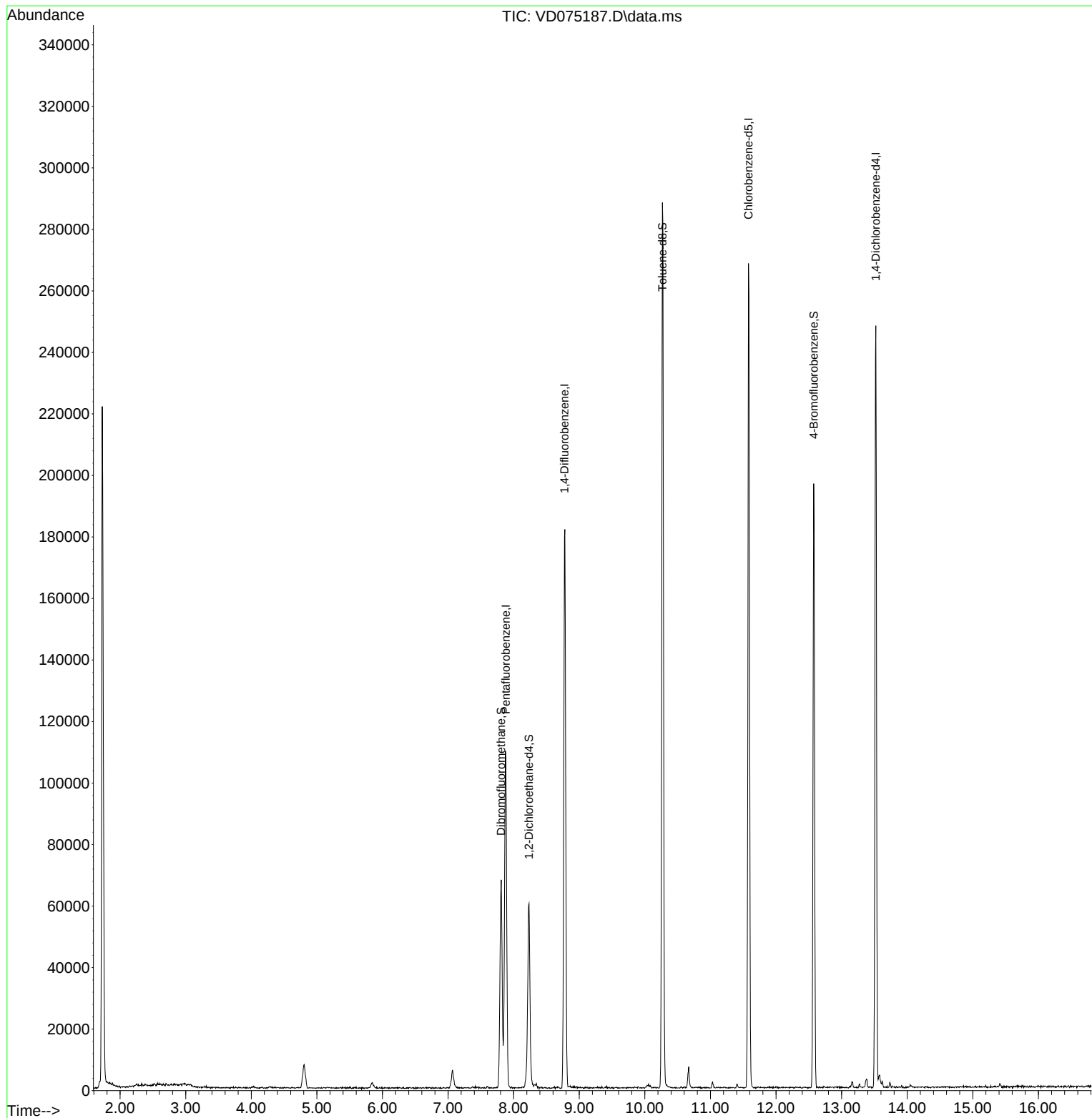
Target Compounds	Qvalue

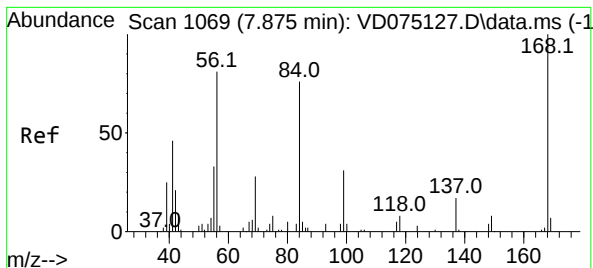
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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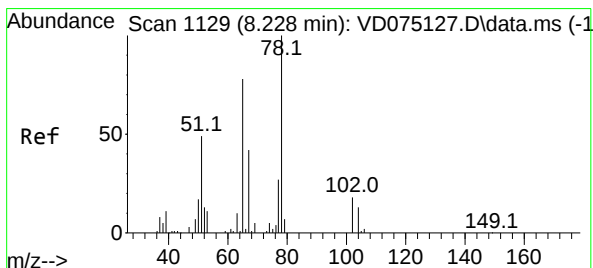
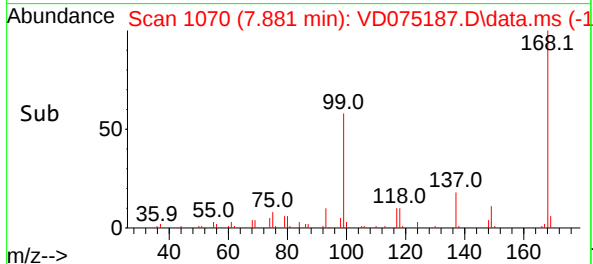
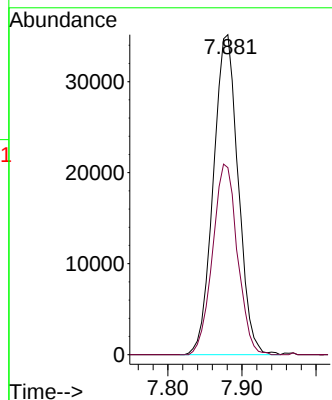
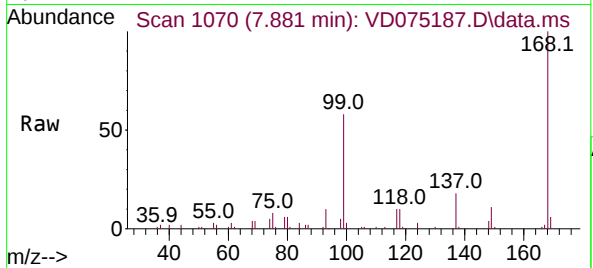




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

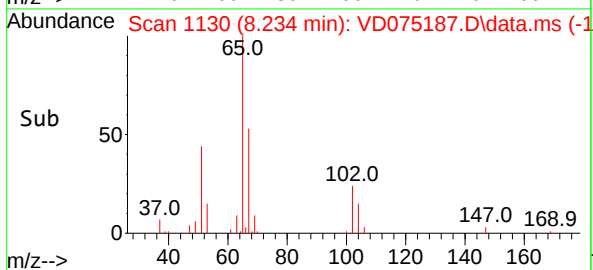
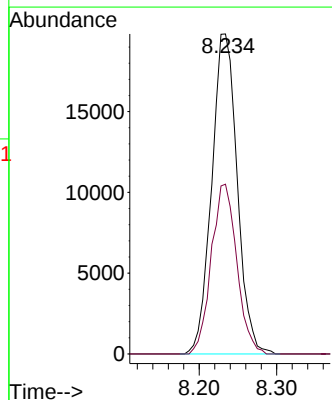
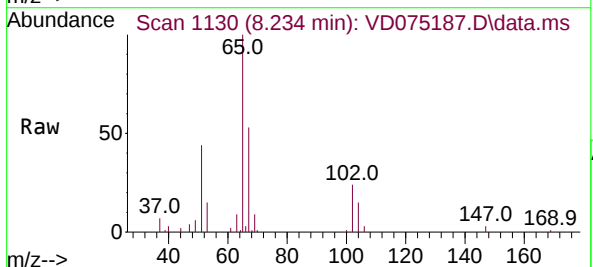
Instrument :
MSVOA_D
ClientSampleId :
BORING-1

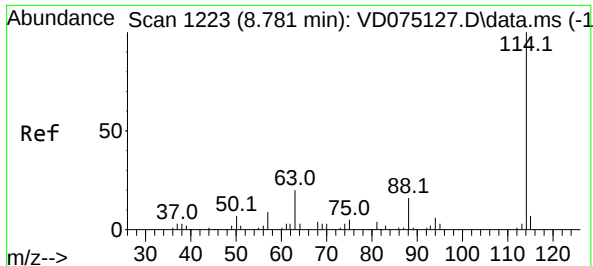
Tgt Ion:168 Resp: 81948
Ion Ratio Lower Upper
168 100
99 58.5 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 54.273 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Tgt Ion: 65 Resp: 45384
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075187.D

Acq: 24 Jan 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

BORING-1

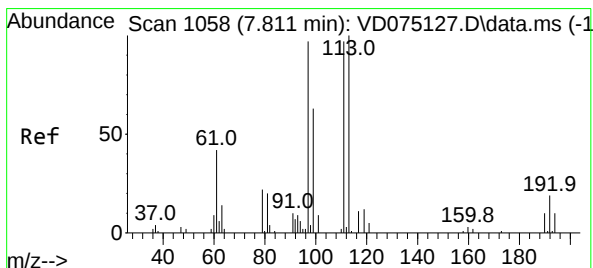
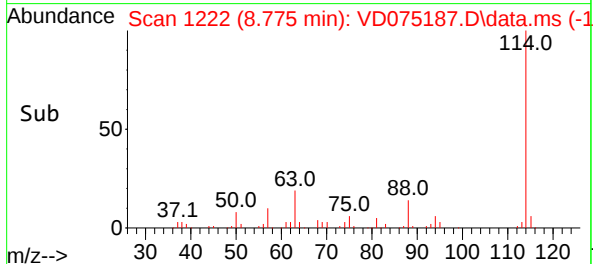
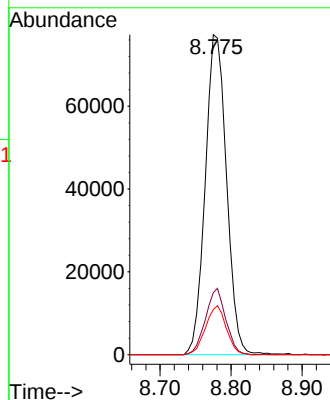
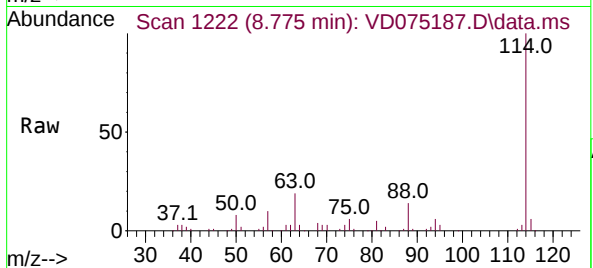
Tgt Ion:114 Resp: 161172

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 14.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.532 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075187.D

Acq: 24 Jan 2023 14:42

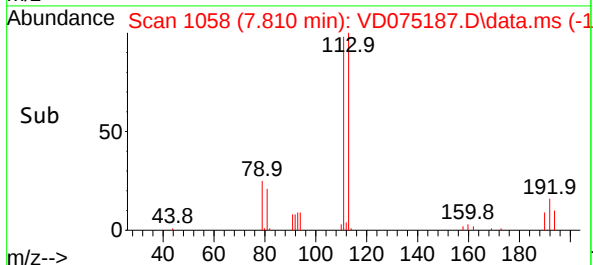
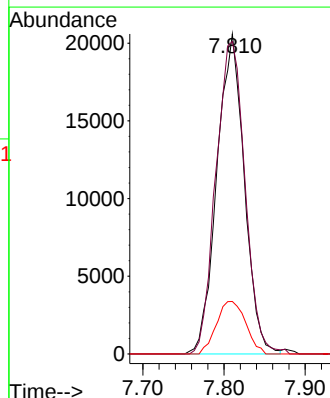
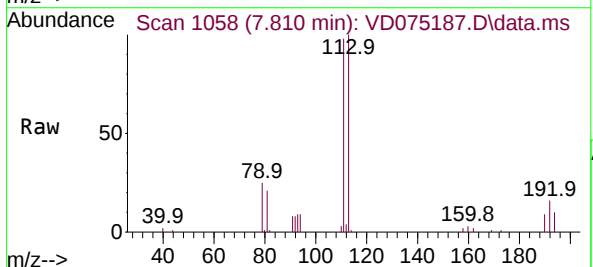
Tgt Ion:113 Resp: 48240

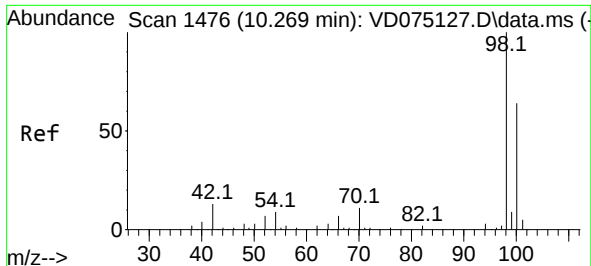
Ion Ratio Lower Upper

113 100

111 103.9 80.1 120.1

192 17.5 15.4 23.0

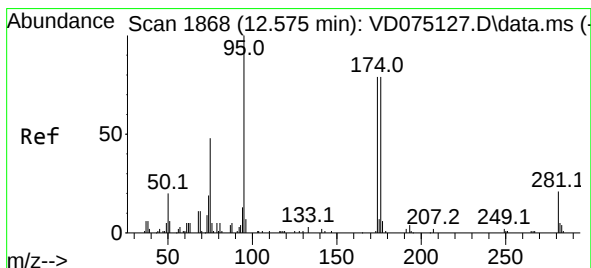
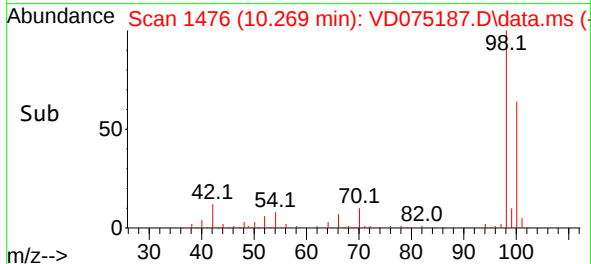
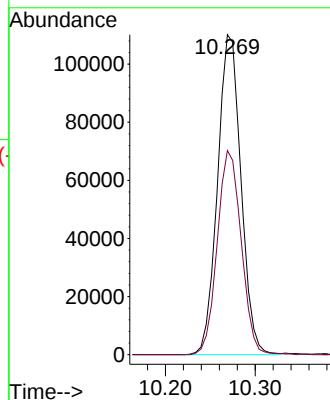
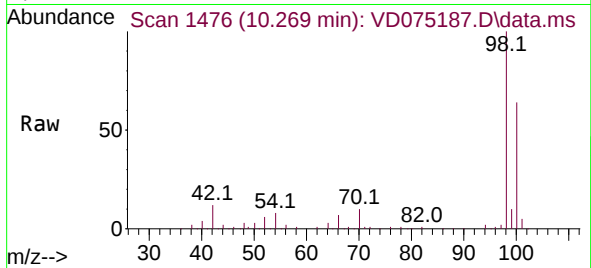




#50
Toluene-d8
Concen: 52.132 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

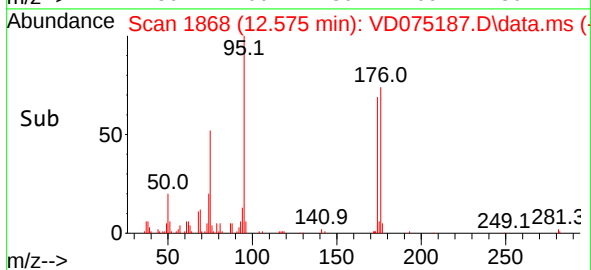
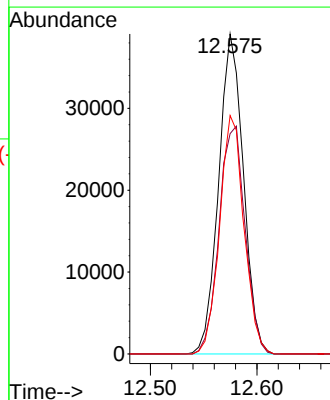
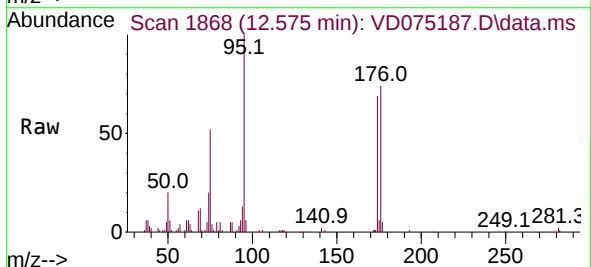
Instrument :
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BORING-1

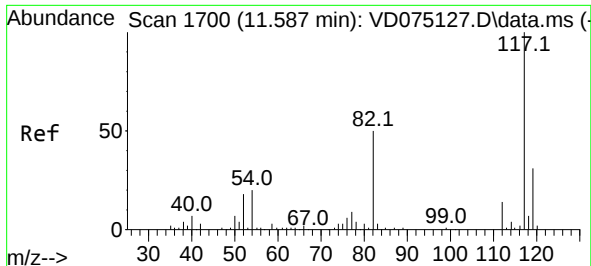
Tgt Ion: 98 Resp: 199908
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.722 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Tgt Ion: 95 Resp: 62946
Ion Ratio Lower Upper
95 100
174 75.1 0.0 161.2
176 73.5 0.0 160.2

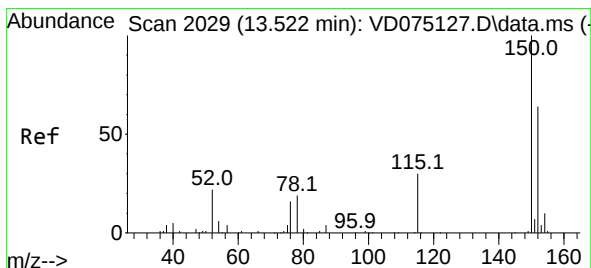
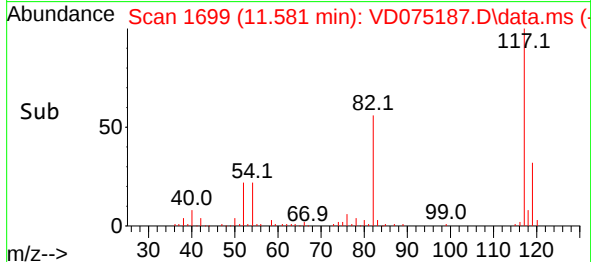
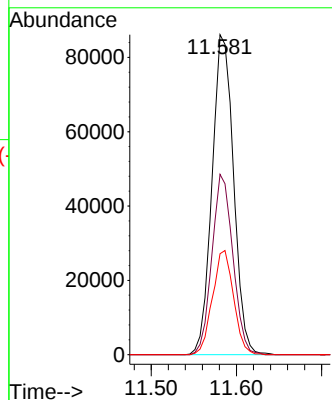
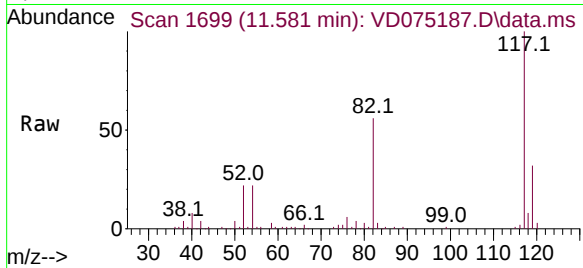




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
BORING-1

Tgt Ion:117 Resp: 151146
Ion Ratio Lower Upper
117 100
82 56.3 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: VD075187.D
Acq: 24 Jan 2023 14:42

Tgt Ion:152 Resp: 64809
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.4
150 156.9 0.0 348.6

