

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077126.D
 Acq On : 18 Sep 2023 13:08
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 19 04:54:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	174061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	386462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	407471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	194729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94362	53.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.440%
35) Dibromofluoromethane	7.810	113	130041	48.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.269	98	465955	48.767	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.574	95	160924	54.340	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.680%

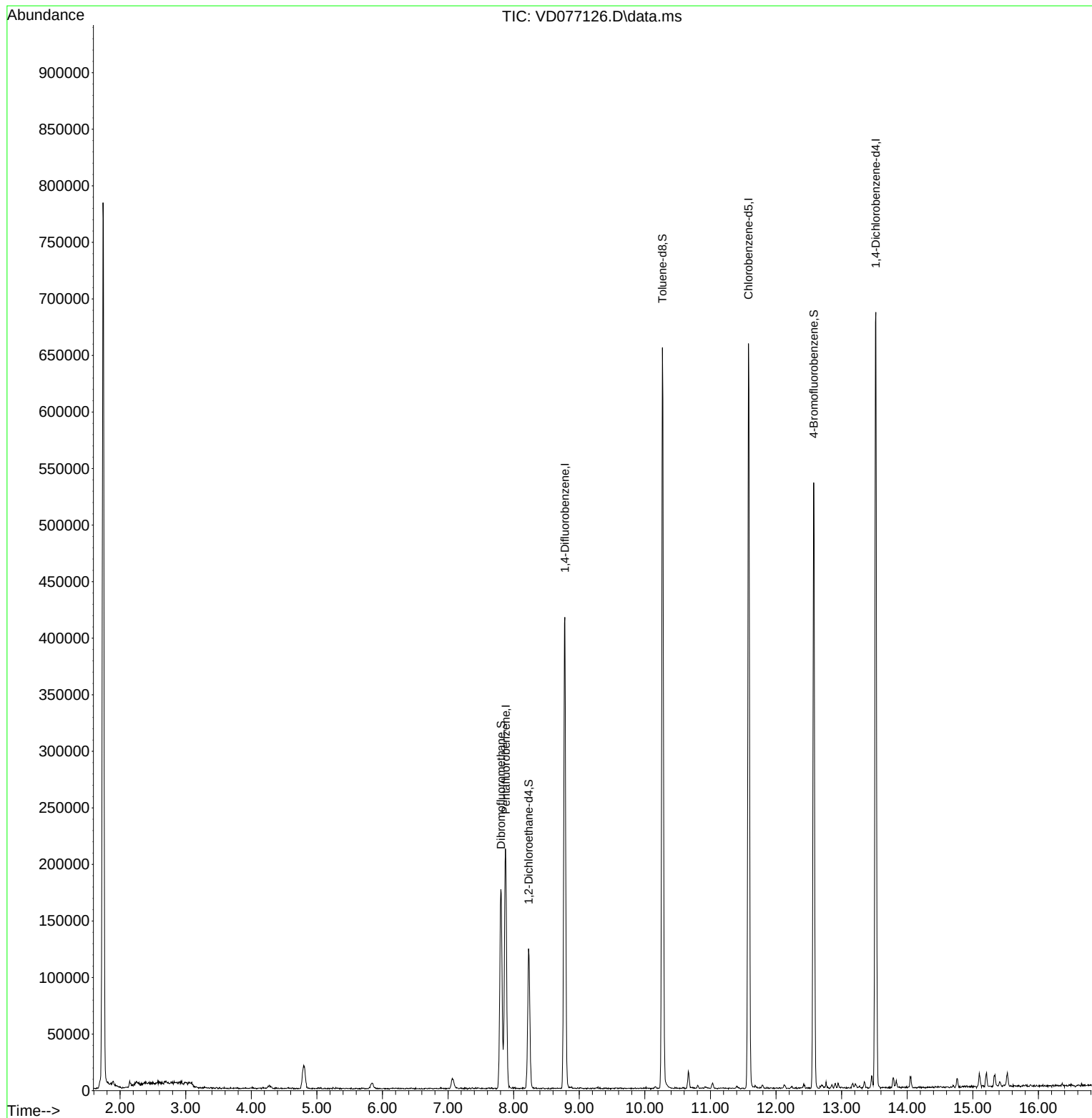
Target Compounds	Qvalue

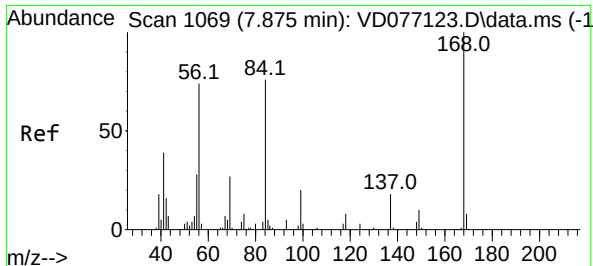
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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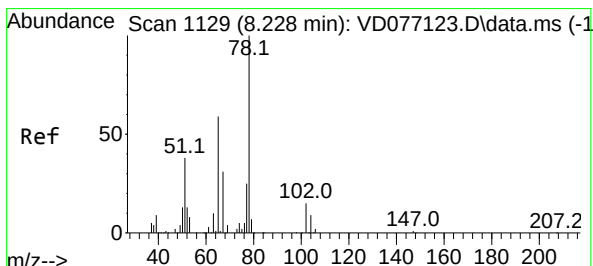
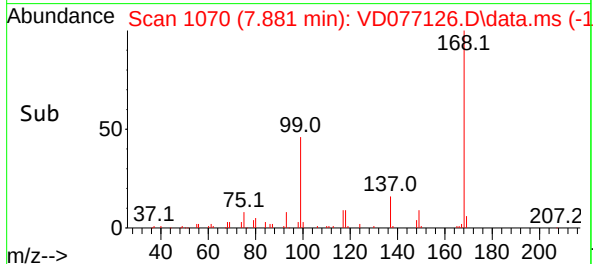
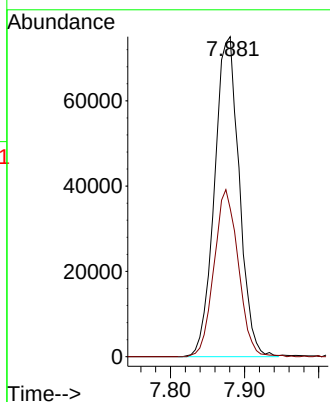
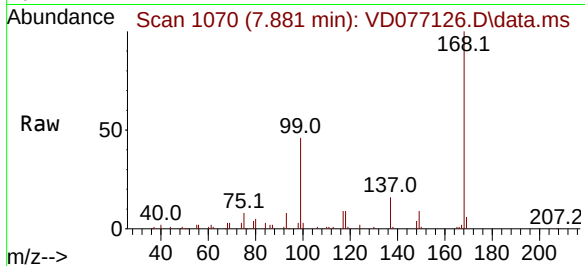




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077126.D
Acq: 18 Sep 2023 13:08

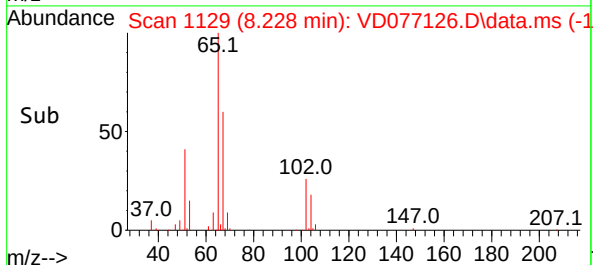
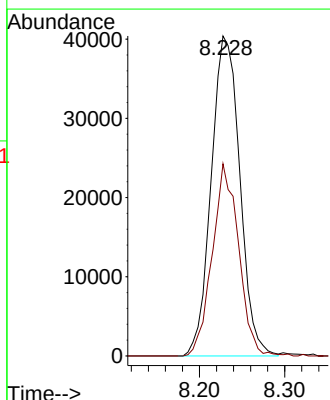
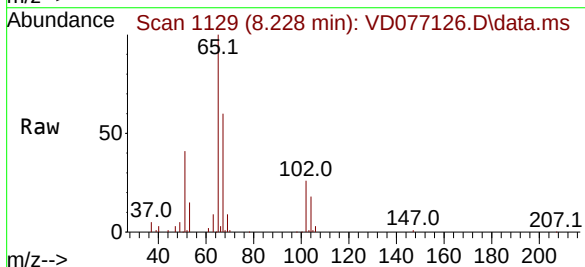
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

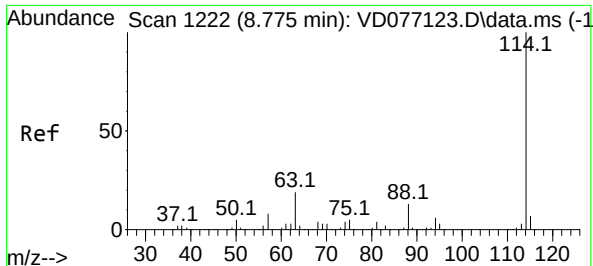
Tgt Ion:168 Resp: 174061
Ion Ratio Lower Upper
168 100
99 46.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 53.717 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077126.D
Acq: 18 Sep 2023 13:08

Tgt Ion: 65 Resp: 94362
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077126.D

Acq: 18 Sep 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

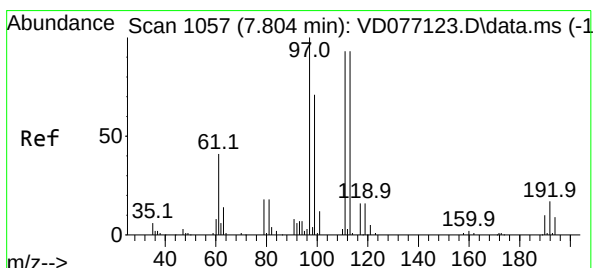
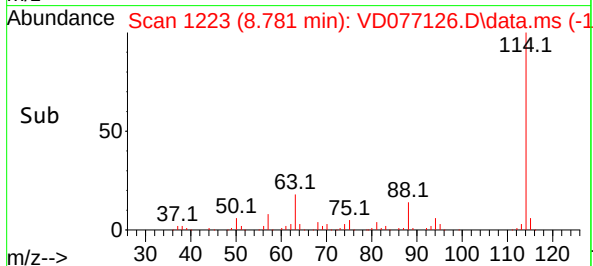
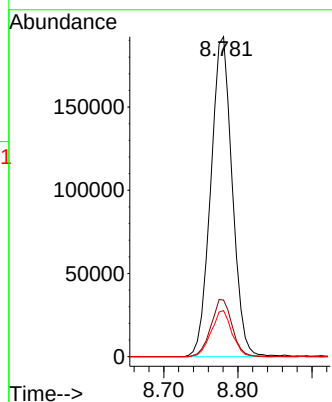
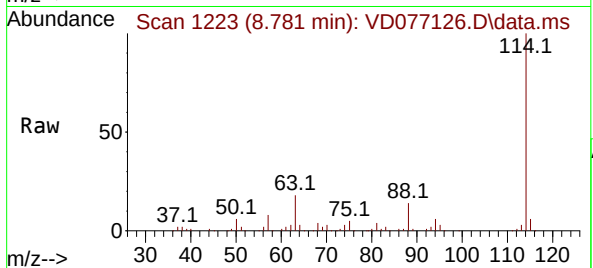
Tgt Ion:114 Resp: 386462

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 14.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.444 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077126.D

Acq: 18 Sep 2023 13:08

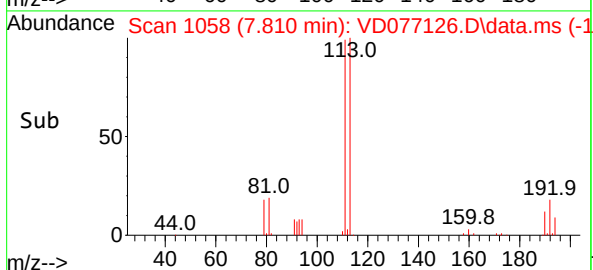
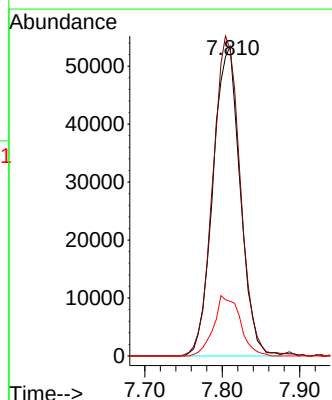
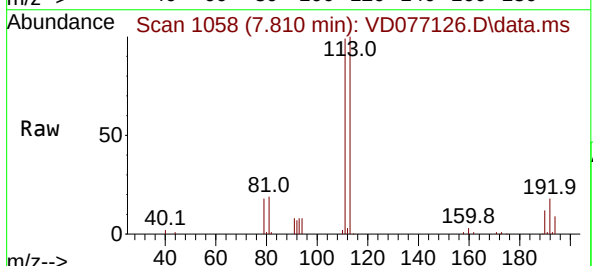
Tgt Ion:113 Resp: 130041

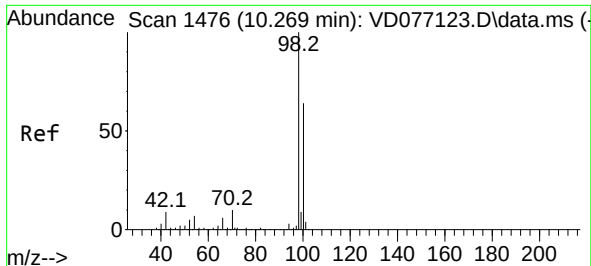
Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 19.0 16.8 25.2

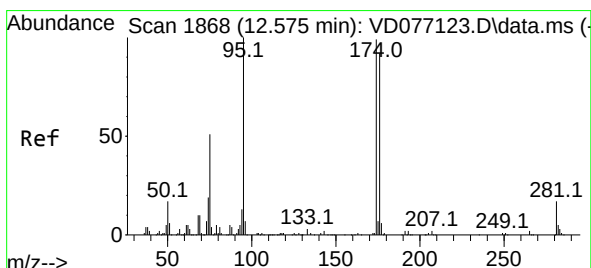
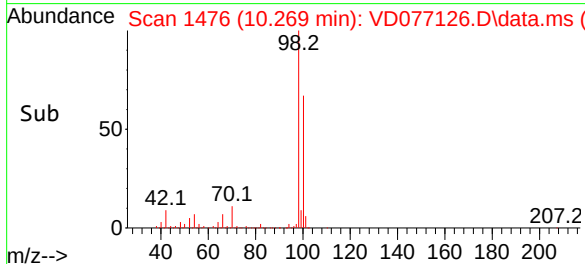
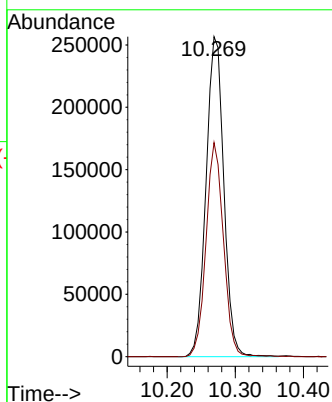
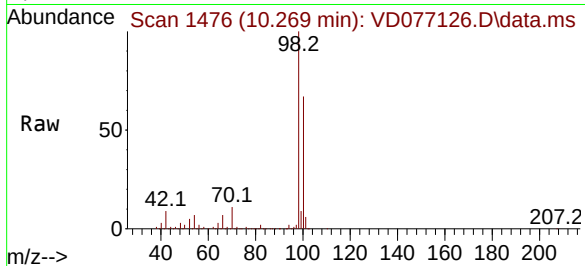




#50
Toluene-d8
Concen: 48.767 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077126.D
Acq: 18 Sep 2023 13:08

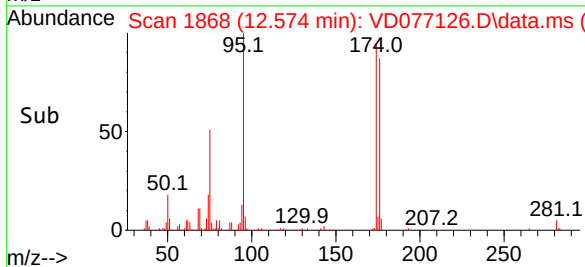
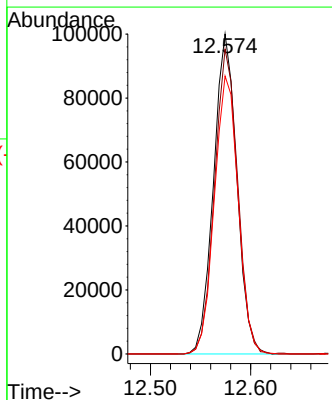
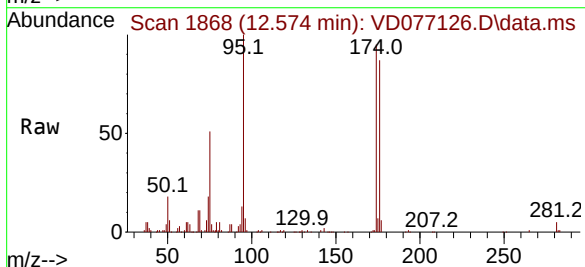
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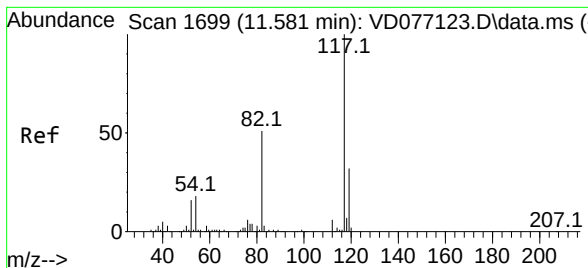
Tgt Ion: 98 Resp: 465955
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 54.340 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077126.D
Acq: 18 Sep 2023 13:08

Tgt Ion: 95 Resp: 160924
Ion Ratio Lower Upper
95 100
174 95.2 0.0 201.8
176 89.0 0.0 191.8

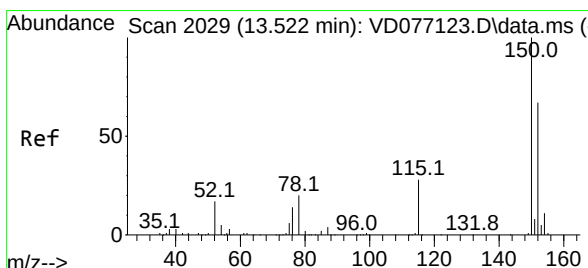
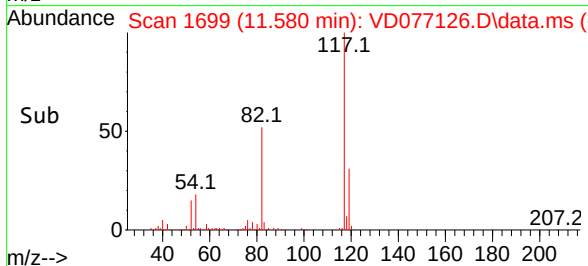
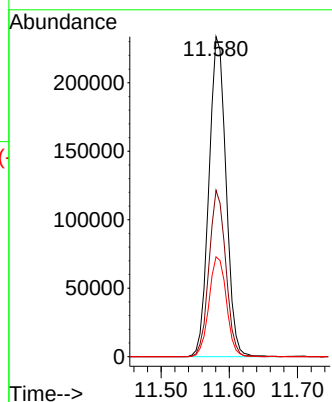
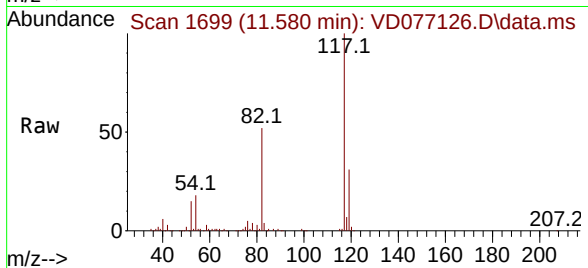




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077126.D
Acq: 18 Sep 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 407471
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD077126.D
Acq: 18 Sep 2023 13:08

Tgt Ion:152 Resp: 194729
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 156.2 0.0 353.6

