

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077939.D
 Acq On : 16 Dec 2023 17:40
 Operator : RP/MD
 Sample : 05853-05
 Misc : 4.10G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EAST-WALL

Quant Time: Dec 18 02:01:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177101	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	316763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80570	38.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.220%
35) Dibromofluoromethane	7.810	113	94561	42.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.240%
50) Toluene-d8	10.269	98	404334	45.499	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.575	95	110762	41.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.380%

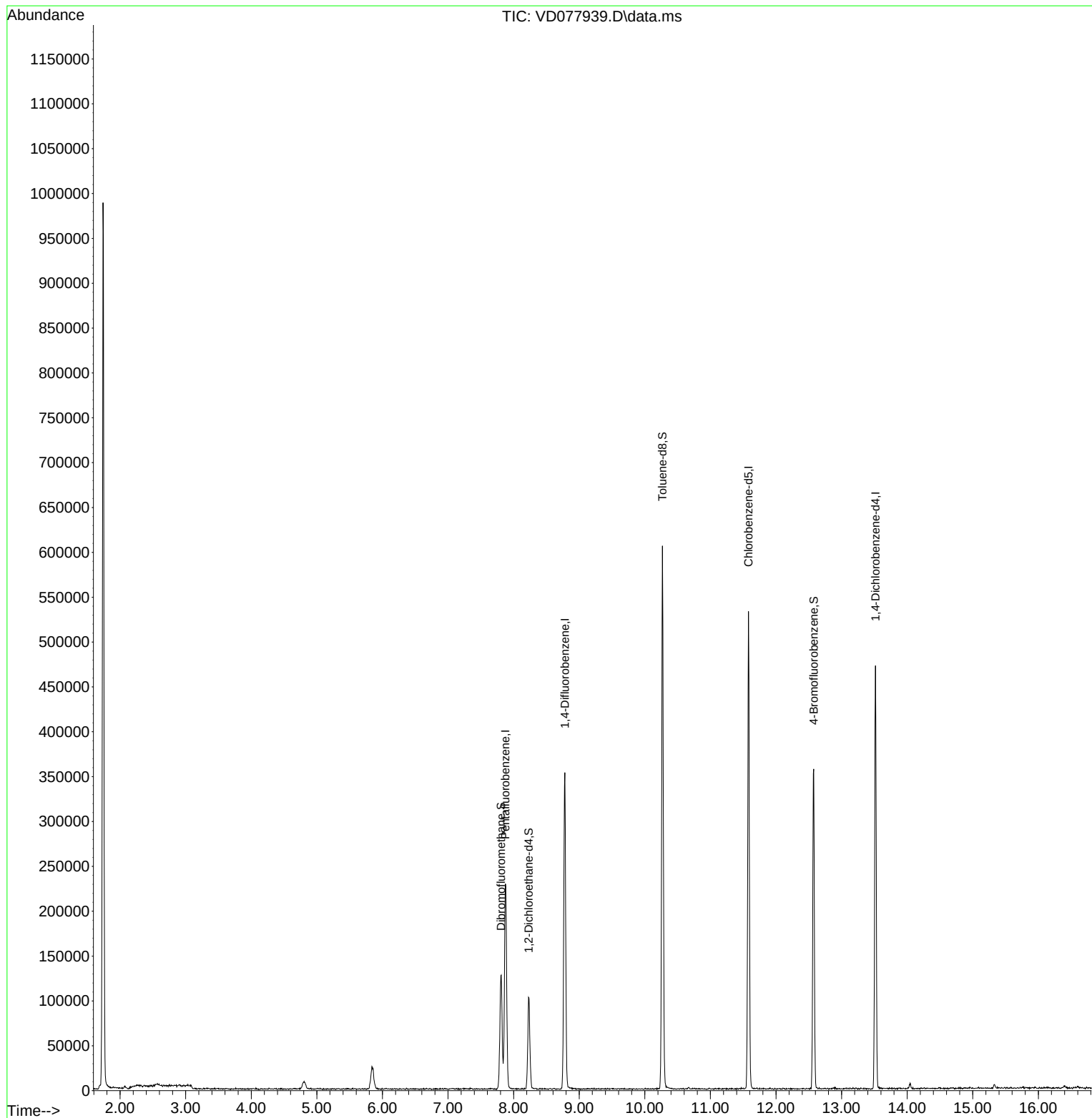
Target Compounds	Qvalue

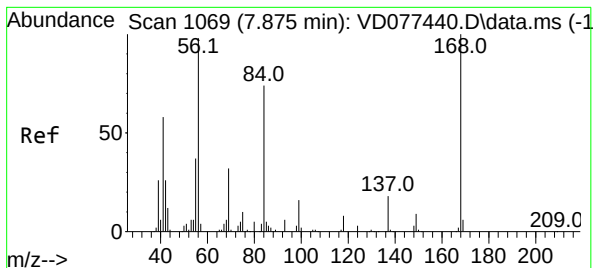
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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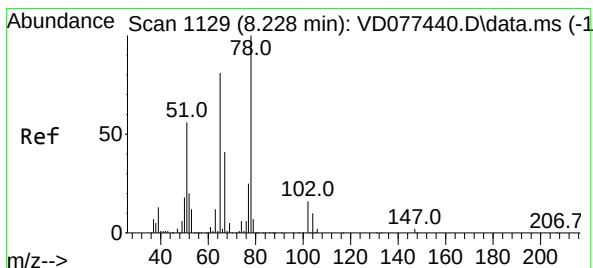
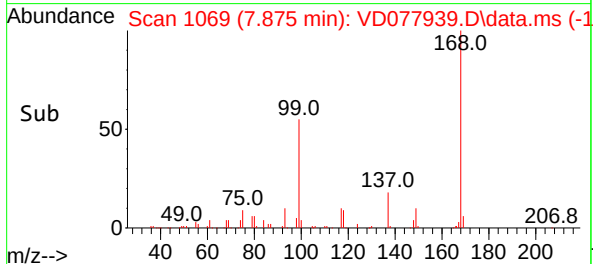
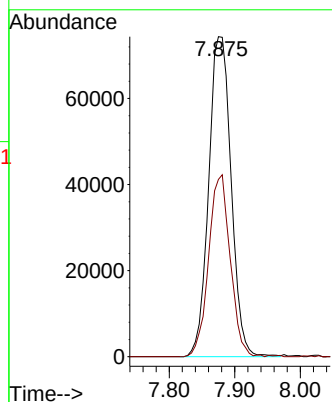
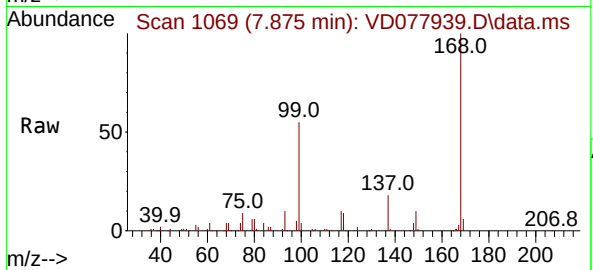




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077939.D
Acq: 16 Dec 2023 17:40

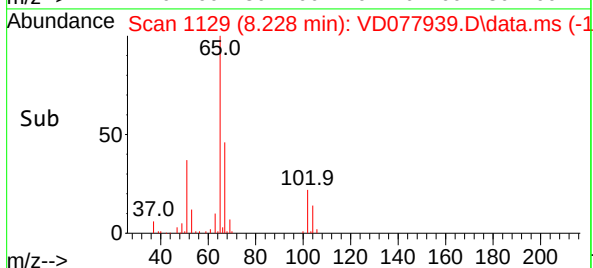
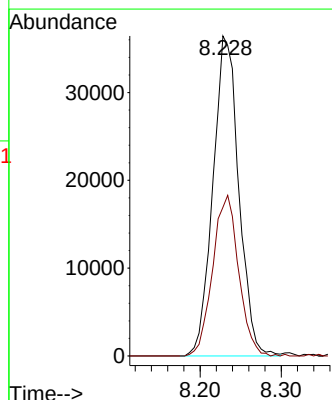
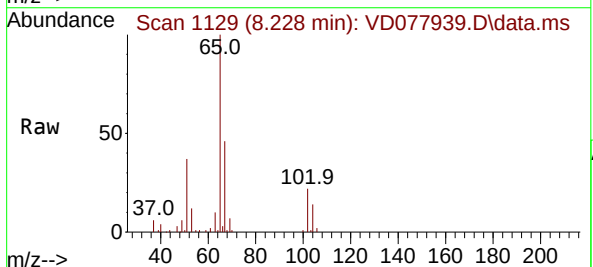
Instrument :
MSVOA_D
ClientSampleId :
EAST-WALL

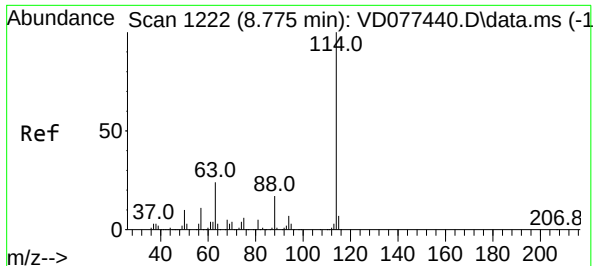
Tgt Ion:168 Resp: 177101
Ion Ratio Lower Upper
168 100
99 55.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 38.608 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077939.D
Acq: 16 Dec 2023 17:40

Tgt Ion: 65 Resp: 80570
Ion Ratio Lower Upper
65 100
67 50.4 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: VD077939.D

Acq: 16 Dec 2023 17:40

Instrument :

MSVOA_D

ClientSampleId :

EAST-WALL

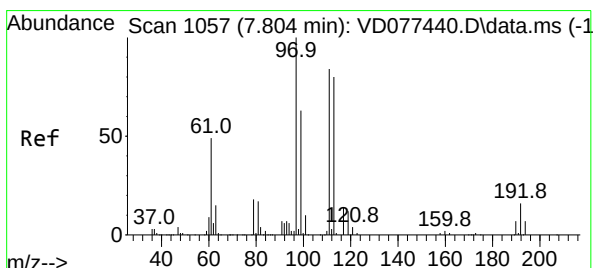
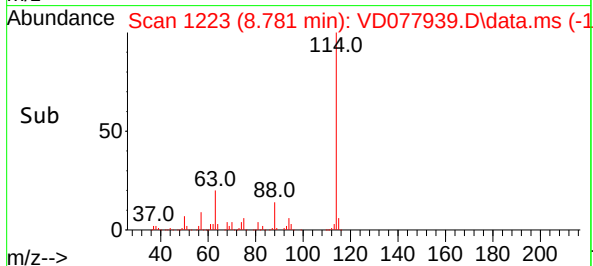
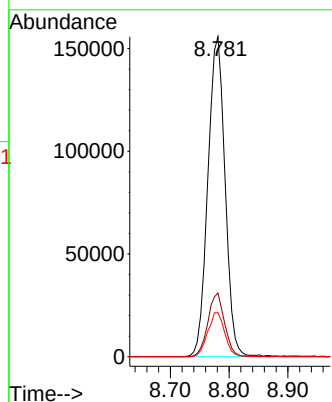
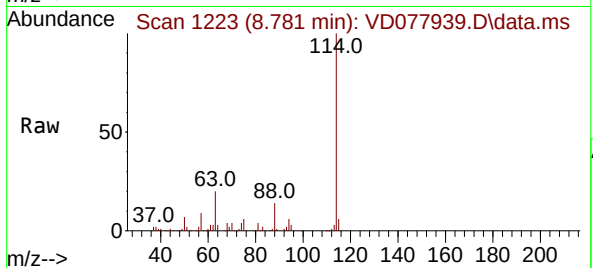
Tgt Ion:114 Resp: 316763

Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.618 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077939.D

Acq: 16 Dec 2023 17:40

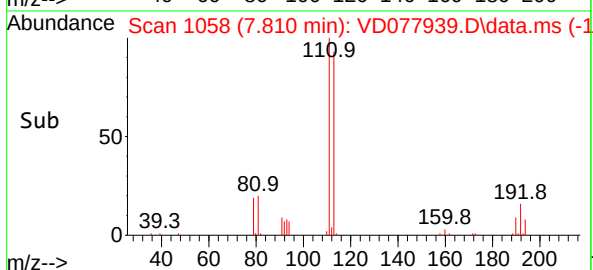
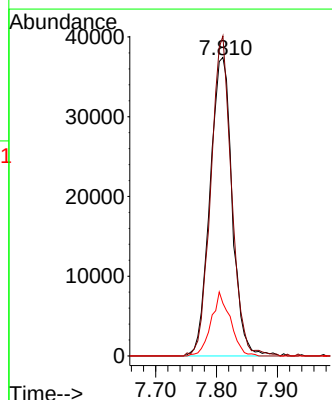
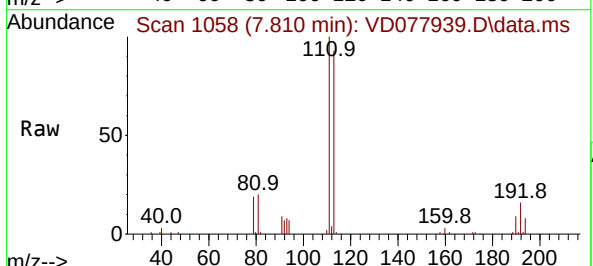
Tgt Ion:113 Resp: 94561

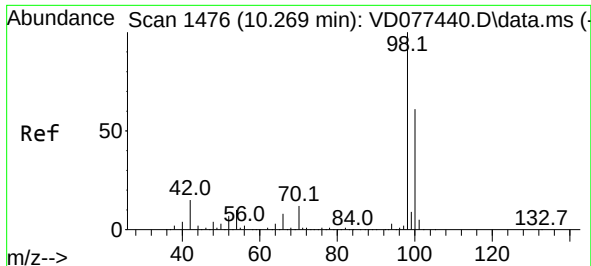
Ion Ratio Lower Upper

113 100

111 100.5 84.7 127.1

192 18.6 16.8 25.2

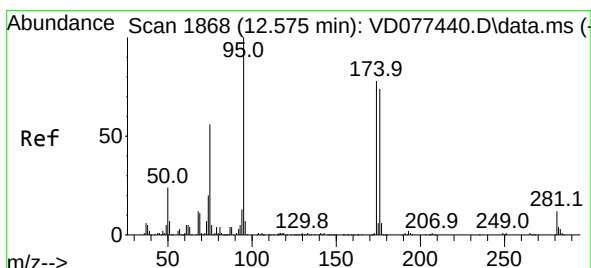
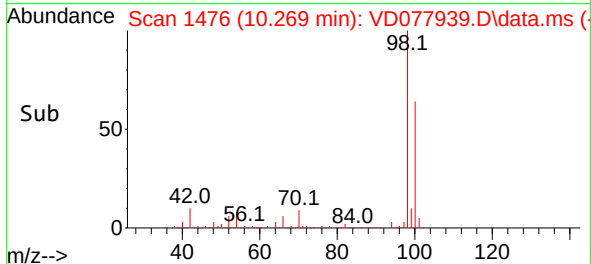
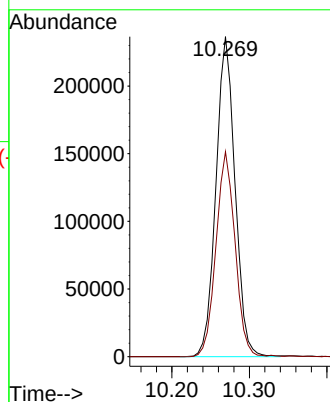
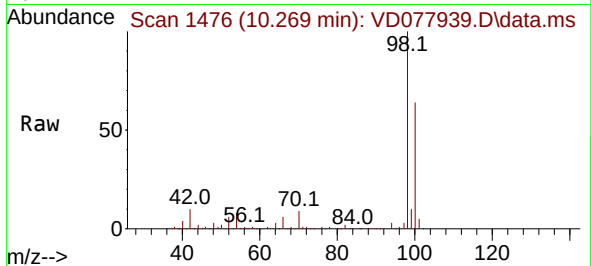




#50
Toluene-d8
Concen: 45.499 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077939.D
Acq: 16 Dec 2023 17:40

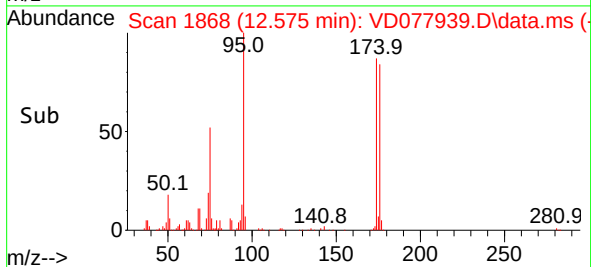
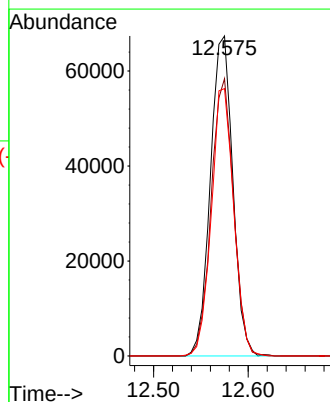
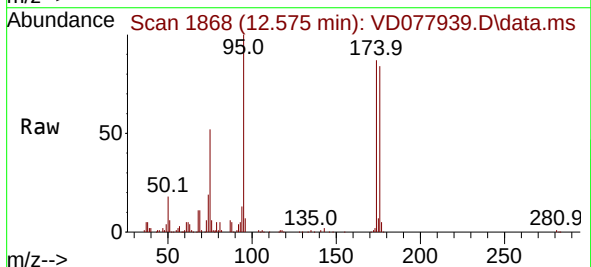
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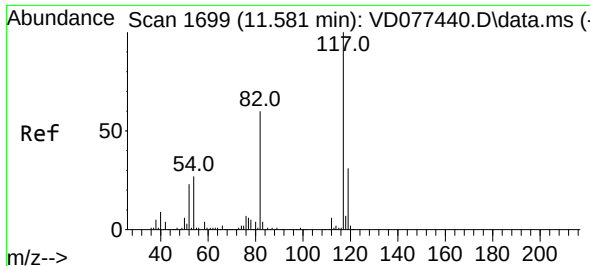
Tgt Ion: 98 Resp: 404334
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.689 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077939.D
Acq: 16 Dec 2023 17:40

Tgt Ion: 95 Resp: 110762
Ion Ratio Lower Upper
95 100
174 86.6 0.0 201.8
176 83.5 0.0 191.8

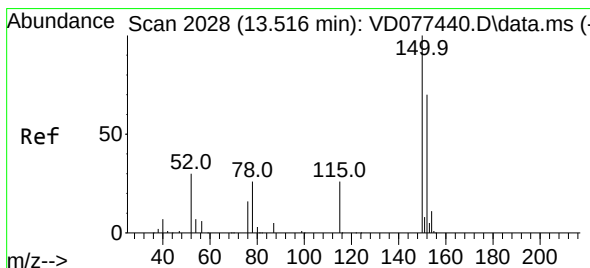
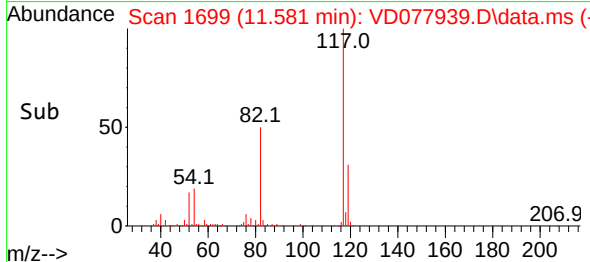
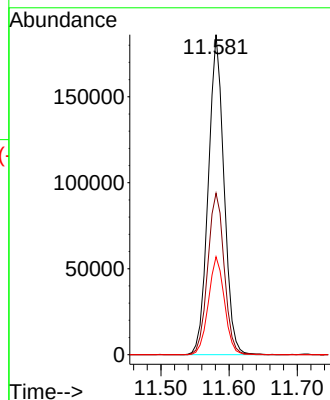
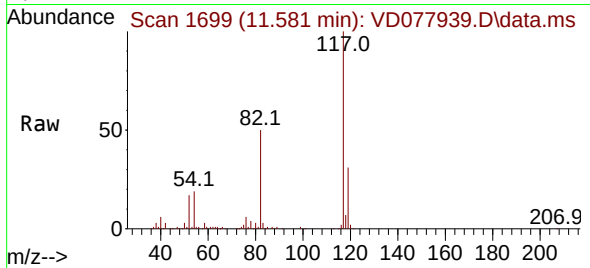




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077939.D
Acq: 16 Dec 2023 17:40

Instrument :
MSVOA_D
ClientSampleId :
EAST-WALL

Tgt Ion:117 Resp: 297916
Ion Ratio Lower Upper
117 100
82 50.4 38.3 57.5
119 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077939.D
Acq: 16 Dec 2023 17:40

Tgt Ion:152 Resp: 125898
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 153.2 0.0 353.6

