

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078044.D
 Acq On : 22 Dec 2023 01:37
 Operator : RP/MD
 Sample : 05877-09
 Misc : 3.26G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM38

Quant Time: Dec 22 05:50:15 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	7.881	168	177304	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	309747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	292100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	124585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77094	36.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.800%
35) Dibromofluoromethane	7.805	113	93429	43.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.120%
50) Toluene-d8	10.269	98	399110	45.928	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.575	95	107766	41.480	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.960%

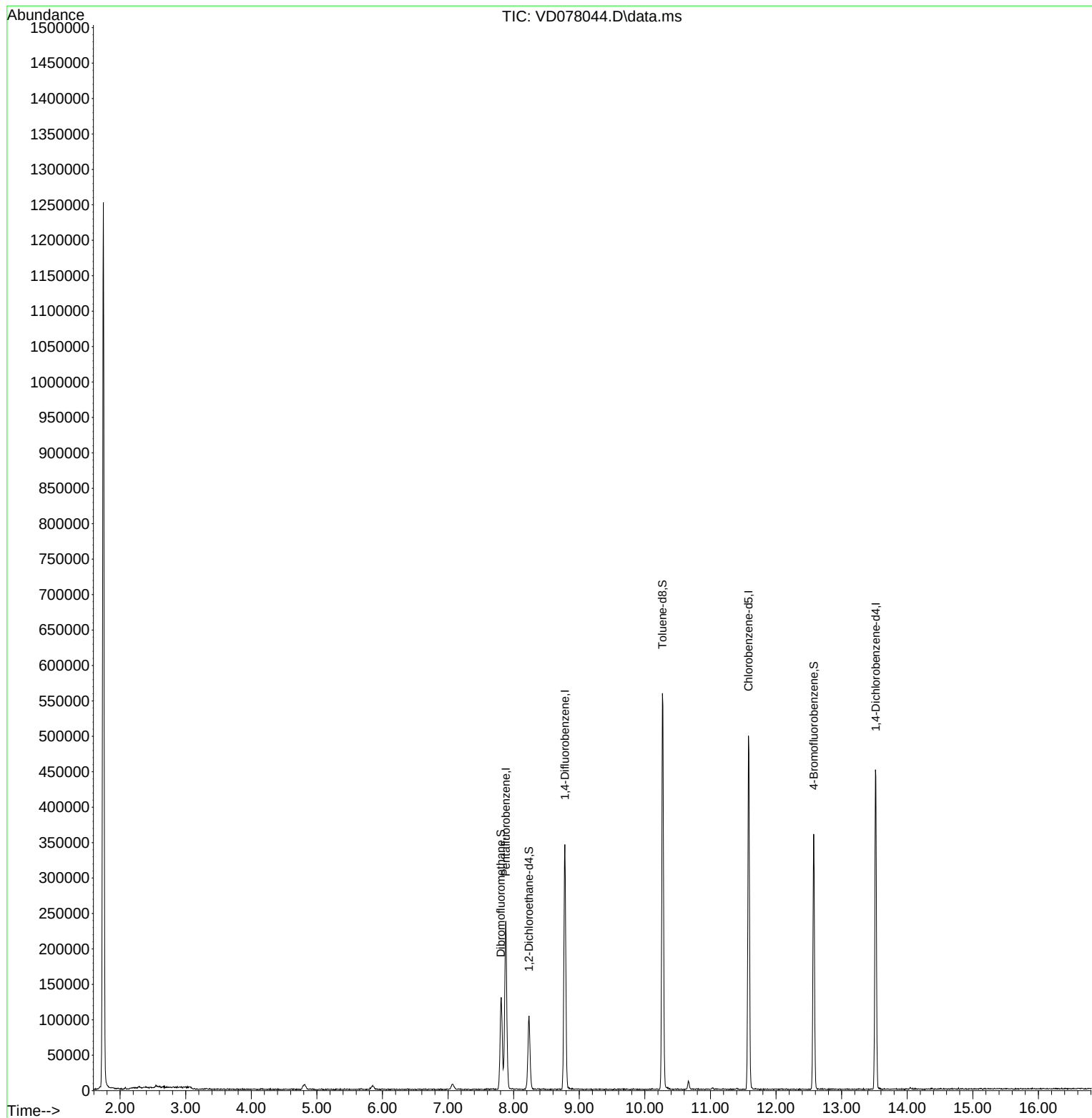
Target Compounds	Qvalue

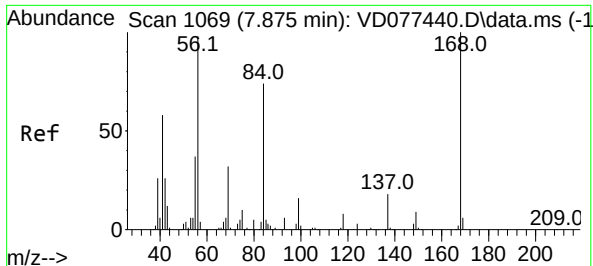
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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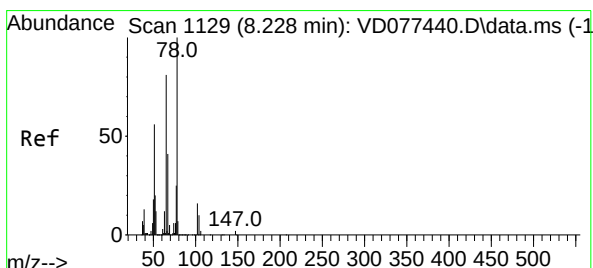
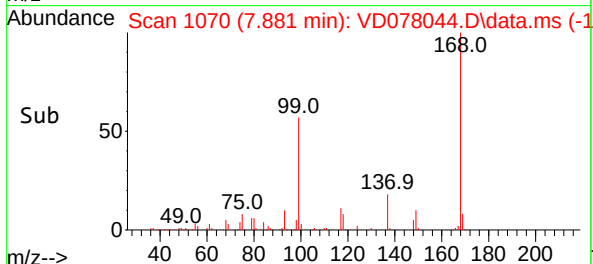
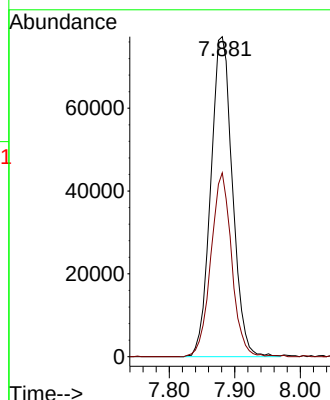
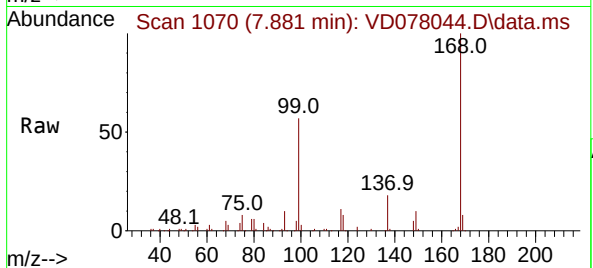




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078044.D
Acq: 22 Dec 2023 01:37

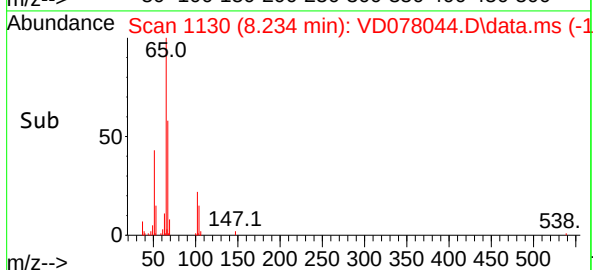
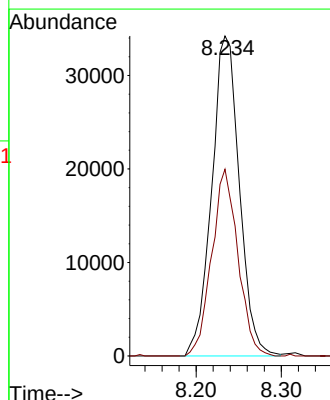
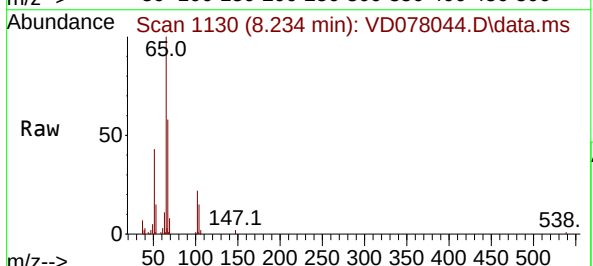
Instrument :
MSVOA_D
ClientSampleId :
COM38

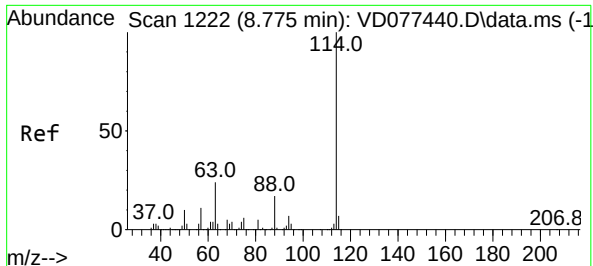
Tgt Ion:168 Resp: 177304
Ion Ratio Lower Upper
168 100
99 57.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 36.900 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078044.D
Acq: 22 Dec 2023 01:37

Tgt Ion: 65 Resp: 77094
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078044.D

Acq: 22 Dec 2023 01:37

Instrument :

MSVOA_D

ClientSampleId :

COM38

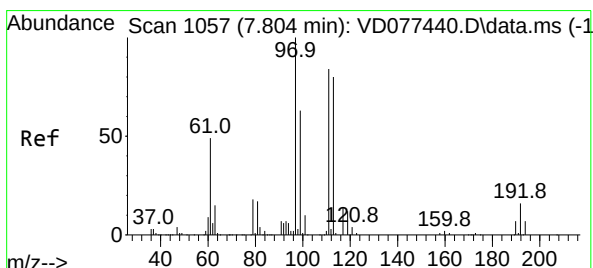
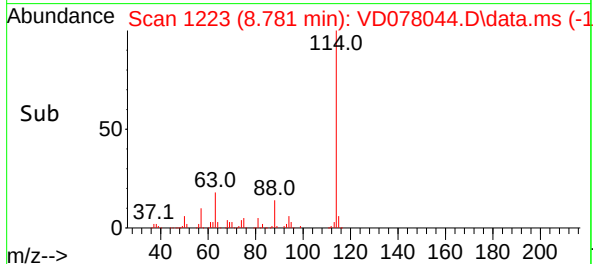
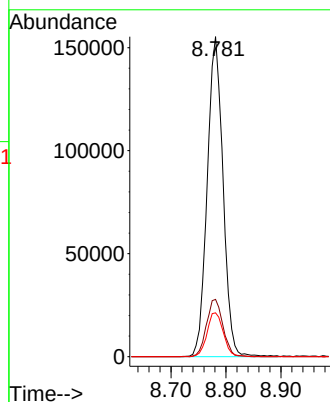
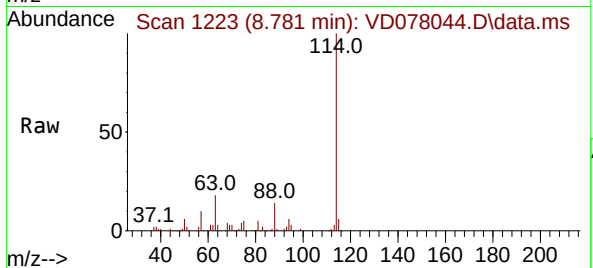
Tgt Ion:114 Resp: 309747

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.061 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078044.D

Acq: 22 Dec 2023 01:37

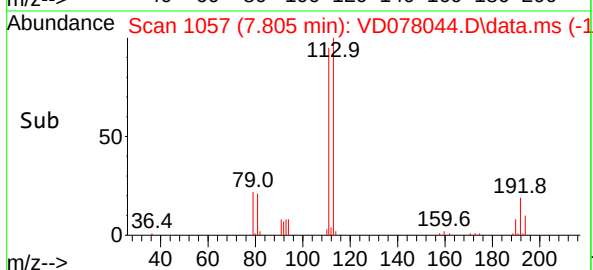
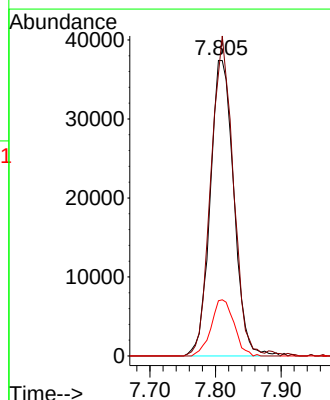
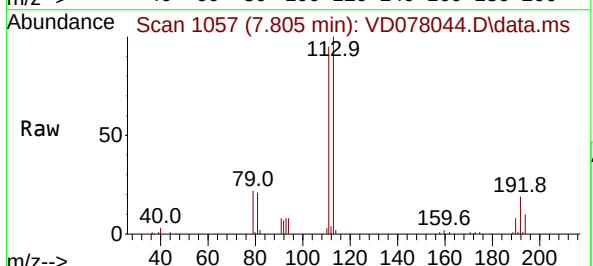
Tgt Ion:113 Resp: 93429

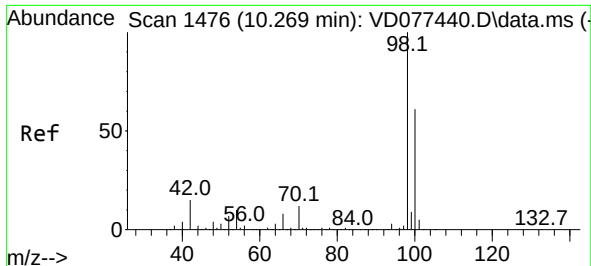
Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 18.5 16.8 25.2

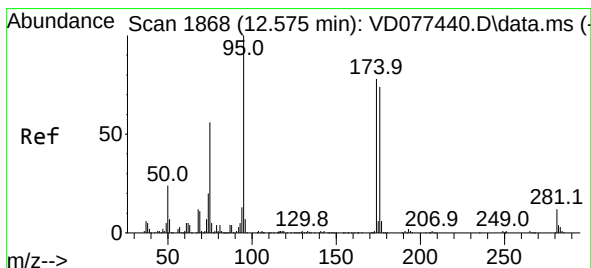
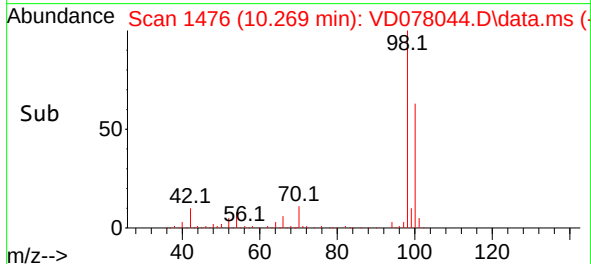
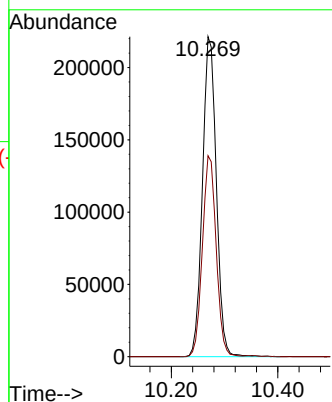
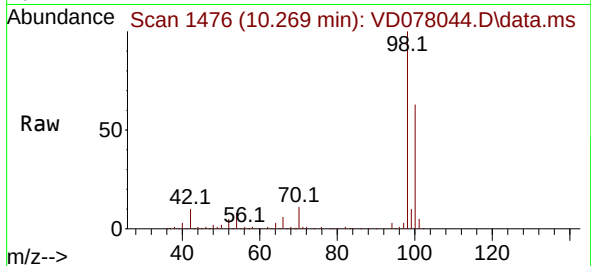




#50
Toluene-d8
Concen: 45.928 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078044.D
Acq: 22 Dec 2023 01:37

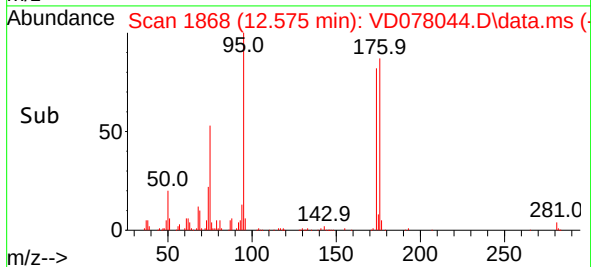
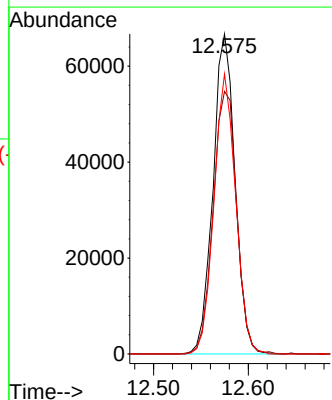
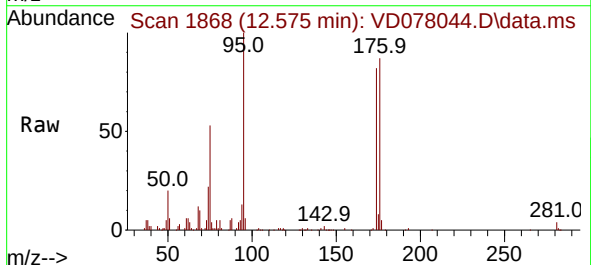
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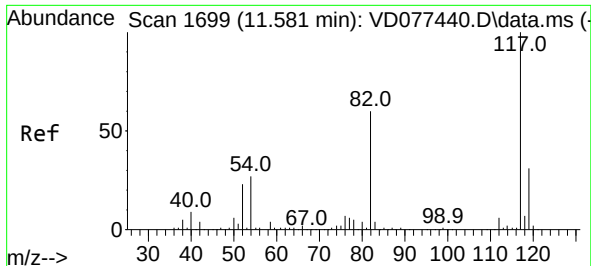
Tgt Ion: 98 Resp: 399110
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.480 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078044.D
Acq: 22 Dec 2023 01:37

Tgt Ion: 95 Resp: 107766
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 86.3 0.0 191.8

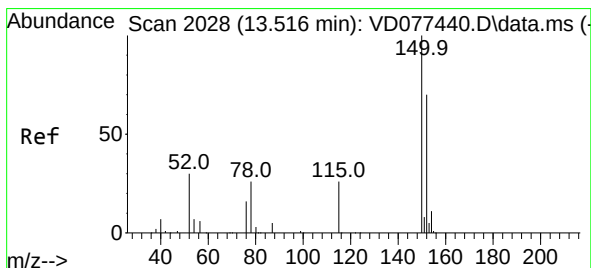
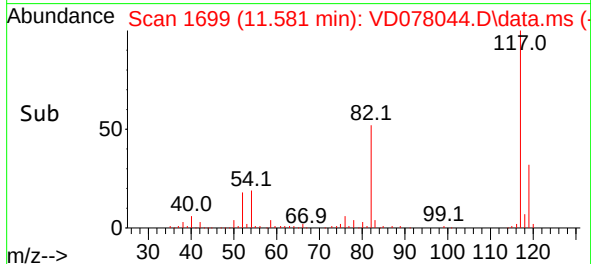
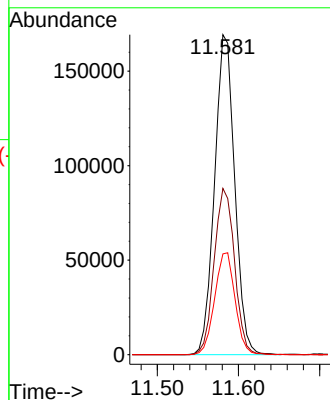
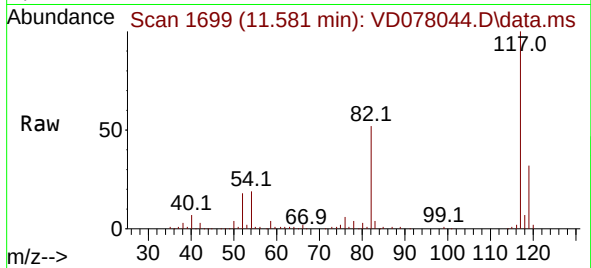




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078044.D
Acq: 22 Dec 2023 01:37

Instrument :
MSVOA_D
ClientSampleId :
COM38

Tgt Ion:117 Resp: 292100
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 31.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078044.D
Acq: 22 Dec 2023 01:37

Tgt Ion:152 Resp: 124585
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.3
150 154.3 0.0 353.6

