

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077505.D
 Acq On : 06 Nov 2023 10:56
 Operator : JC/SY
 Sample : VD1106SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBL01

Quant Time: Nov 07 02:07:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	237495	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	425893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	380343	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	165848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	158299	47.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.280%
35) Dibromofluoromethane	7.810	113	138998	47.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.269	98	573057	50.120	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.575	95	175940	45.687	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.380%

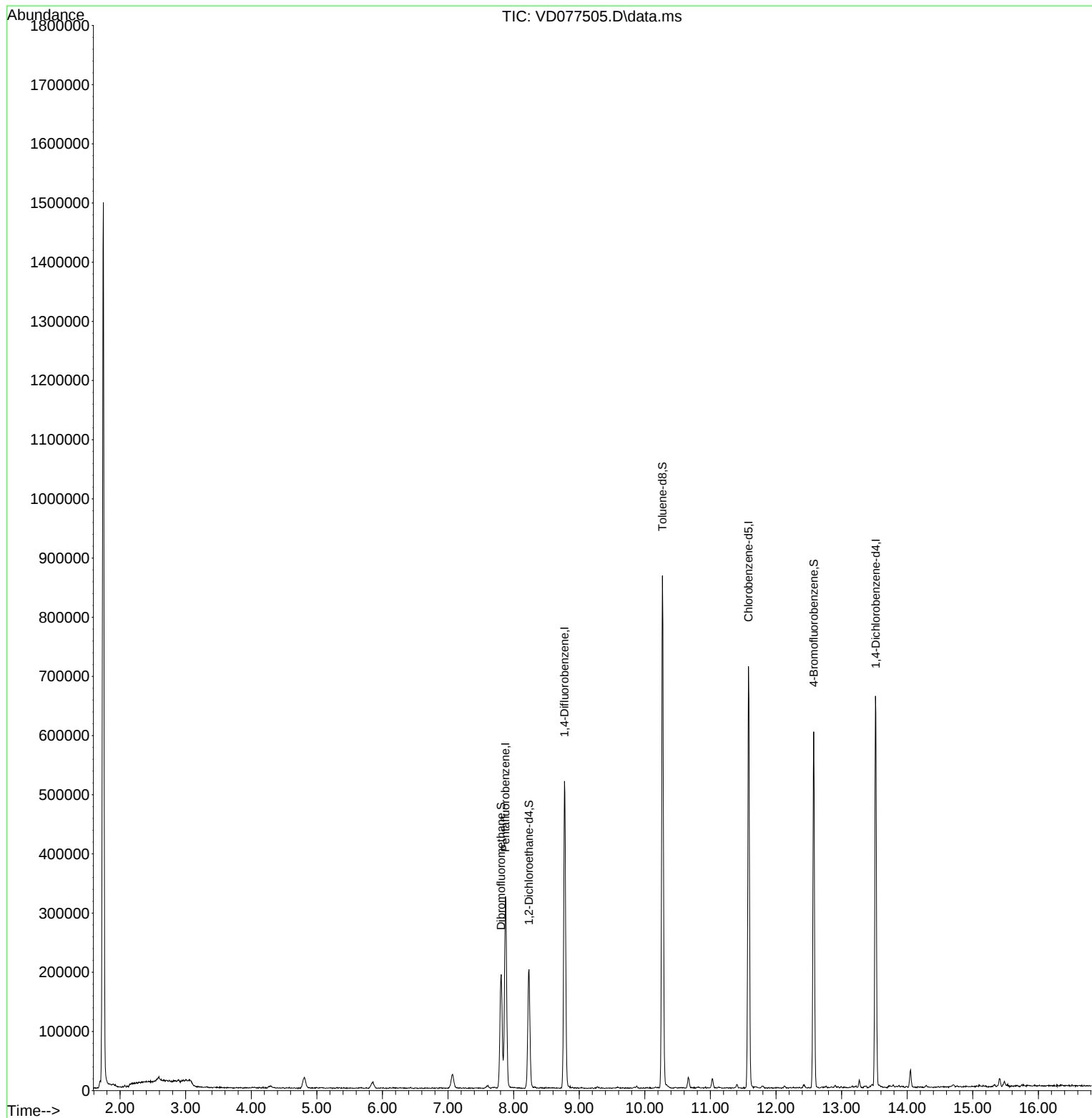
Target Compounds	Qvalue

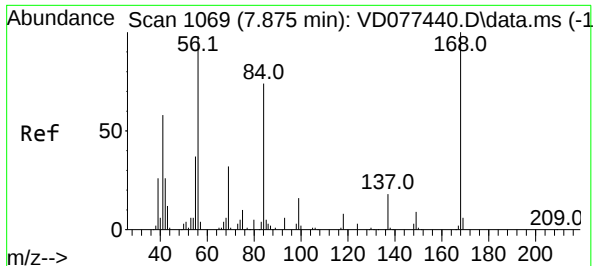
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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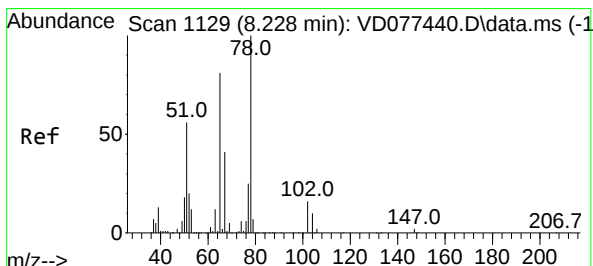
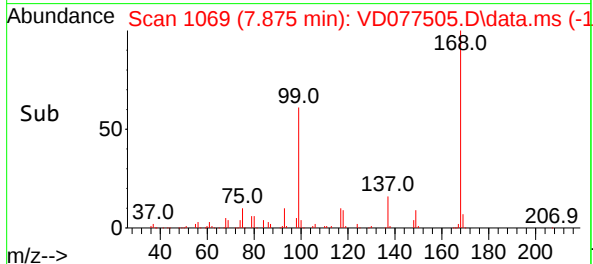
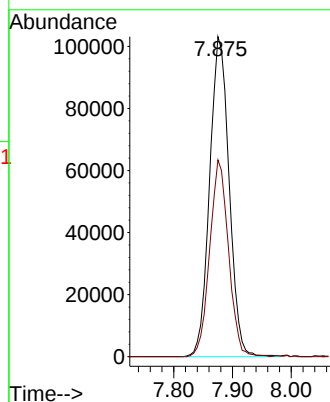
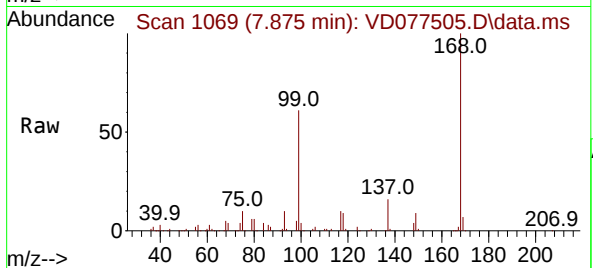




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD077505.D
Acq: 06 Nov 2023 10:56

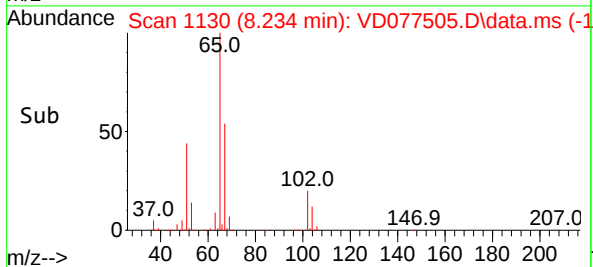
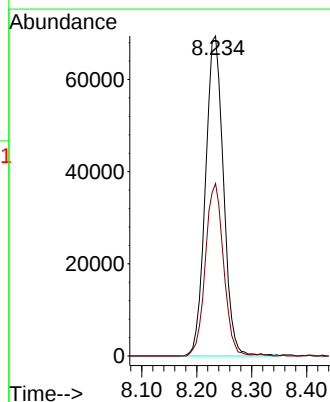
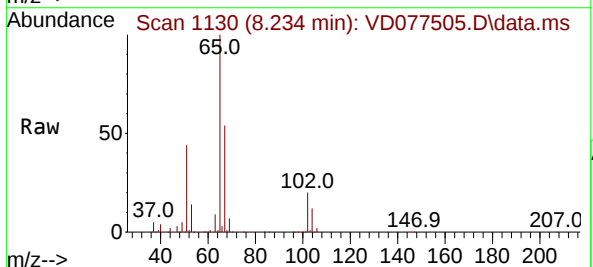
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBL01

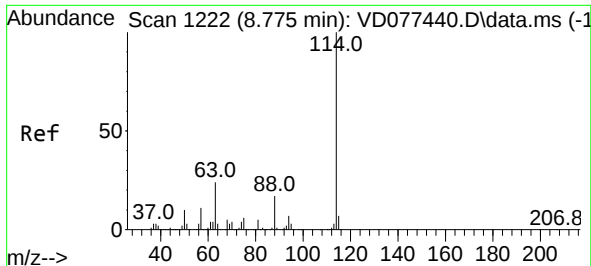
Tgt Ion:168 Resp: 237495
Ion Ratio Lower Upper
168 100
99 61.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 47.137 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077505.D
Acq: 06 Nov 2023 10:56

Tgt Ion: 65 Resp: 158299
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077505.D

Acq: 06 Nov 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBL01

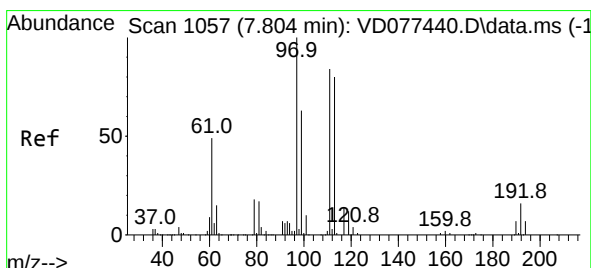
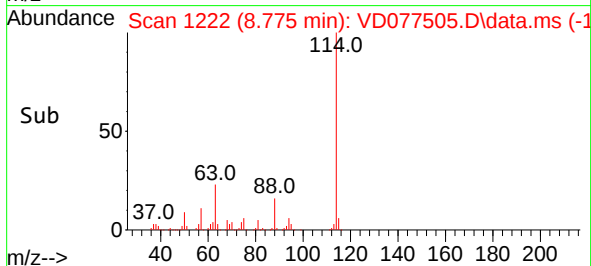
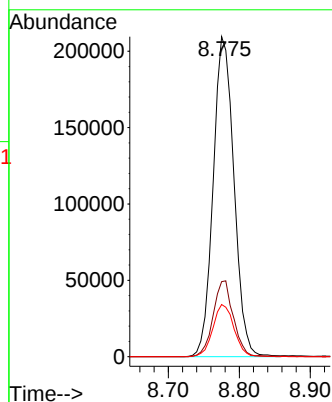
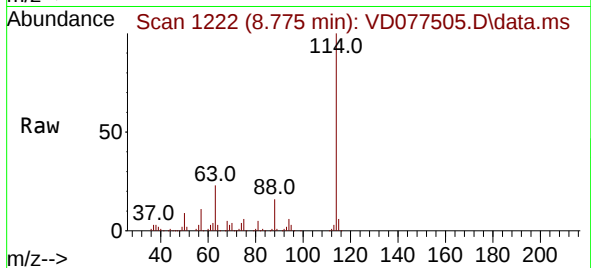
Tgt Ion:114 Resp: 425893

Ion Ratio Lower Upper

114 100

63 23.5 0.0 33.4

88 16.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.220 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077505.D

Acq: 06 Nov 2023 10:56

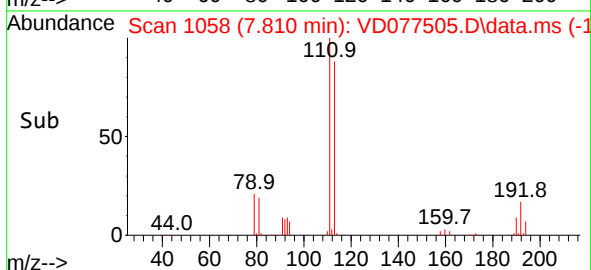
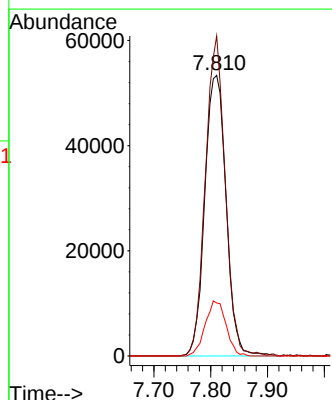
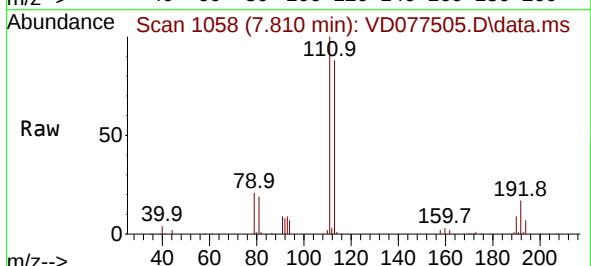
Tgt Ion:113 Resp: 138998

Ion Ratio Lower Upper

113 100

111 106.0 84.7 127.1

192 19.2 16.8 25.2

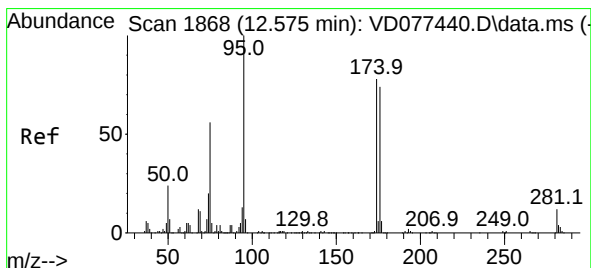
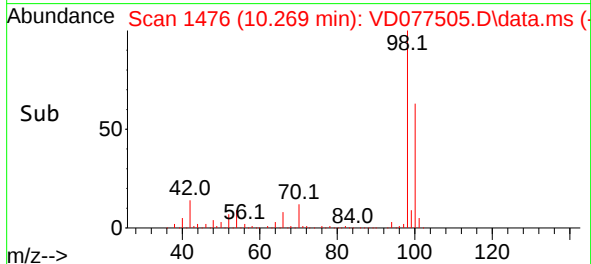
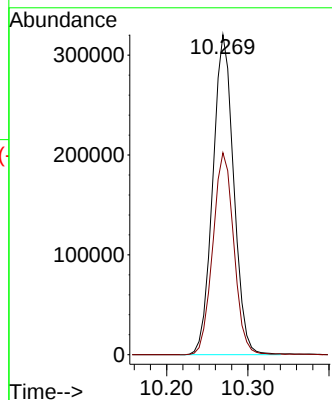
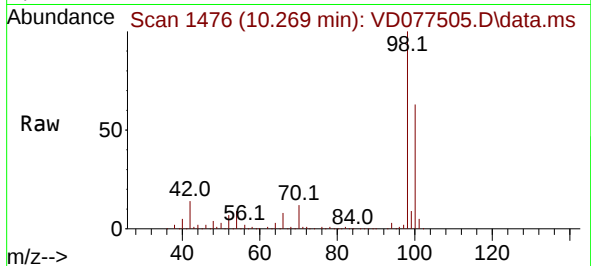




#50
Toluene-d8
Concen: 50.120 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077505.D
Acq: 06 Nov 2023 10:56

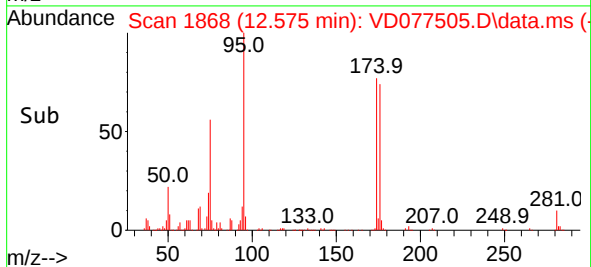
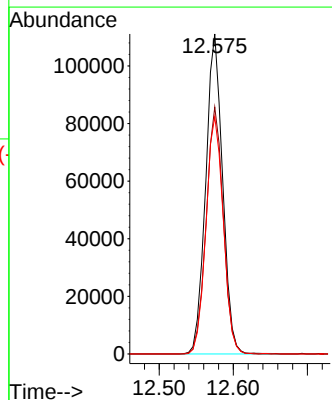
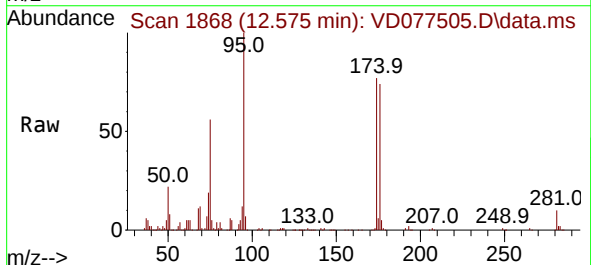
Instrument :
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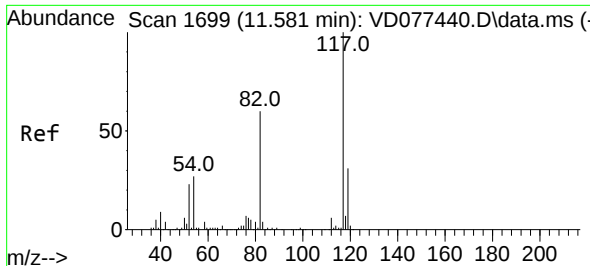
Tgt Ion: 98 Resp: 573057
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.687 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077505.D
Acq: 06 Nov 2023 10:56

Tgt Ion: 95 Resp: 175940
Ion Ratio Lower Upper
95 100
174 78.1 0.0 201.8
176 75.9 0.0 191.8

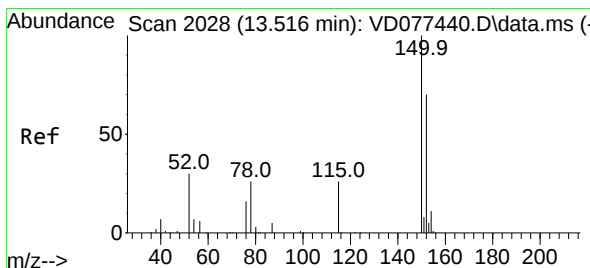
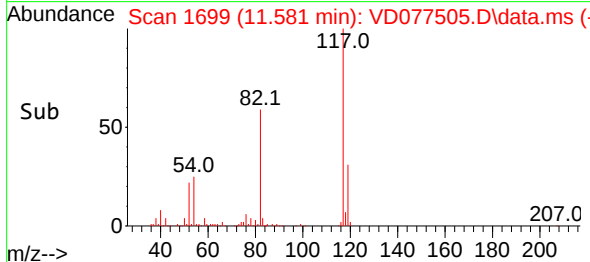
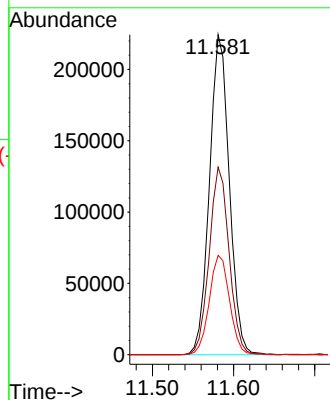
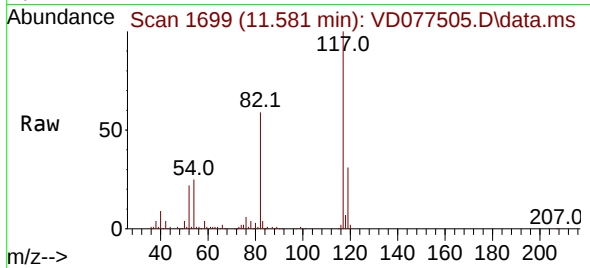




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077505.D
Acq: 06 Nov 2023 10:56

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBL01

Tgt Ion:117 Resp: 380343
Ion Ratio Lower Upper
117 100
82 58.6 38.3 57.5#
119 31.0 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: VD077505.D
Acq: 06 Nov 2023 10:56

Tgt Ion:152 Resp: 165848
Ion Ratio Lower Upper
152 100
115 60.3 27.1 81.3
150 158.1 0.0 353.6

