

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076352.D
 Acq On : 07 Jun 2023 14:21
 Operator : KP/SY
 Sample : VD0607SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBL01

Quant Time: Jun 08 01:17:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	154040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	301854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	124849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92848	67.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.540%
35) Dibromofluoromethane	7.805	113	106192	55.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.820%
50) Toluene-d8	10.269	98	369811	48.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.575	95	94448	46.770	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.540%

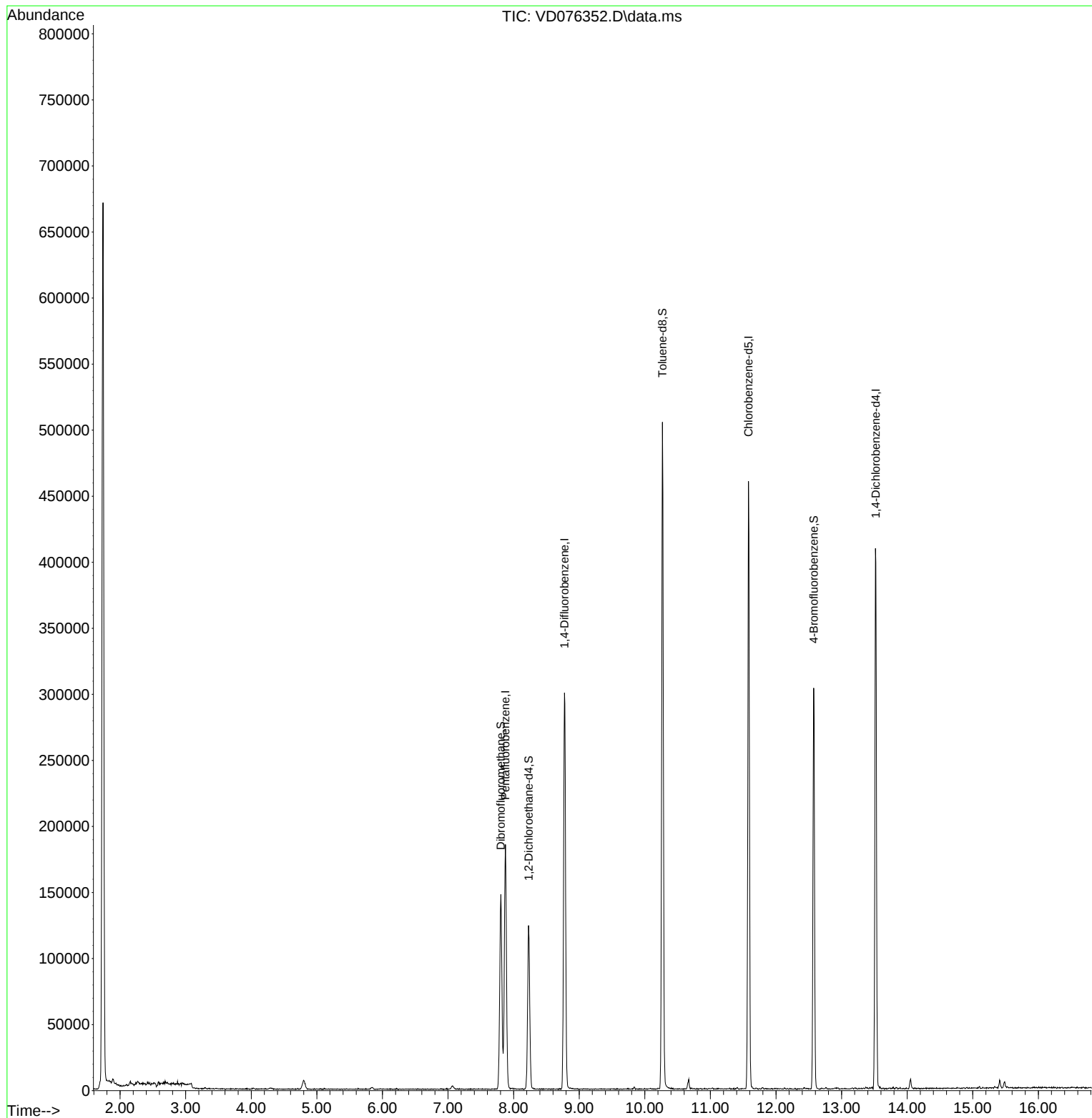
Target Compounds	Qvalue

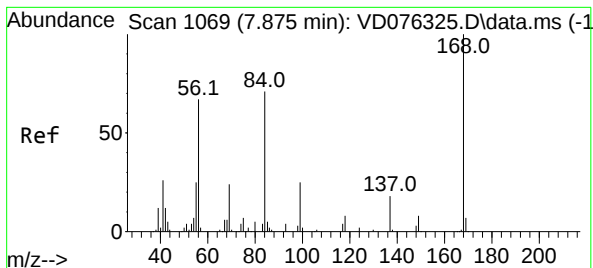
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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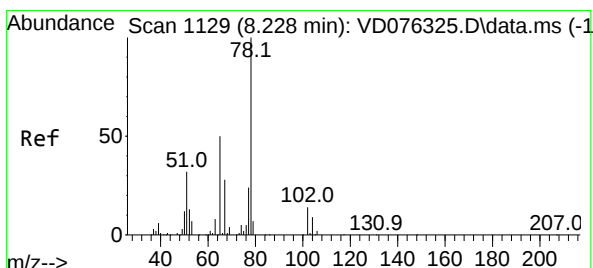
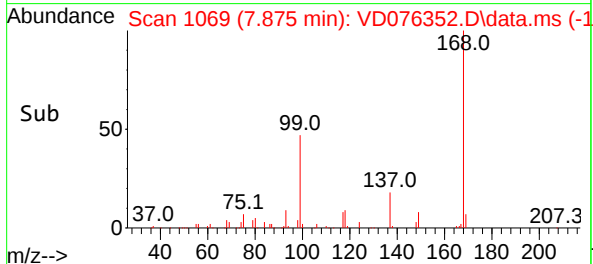
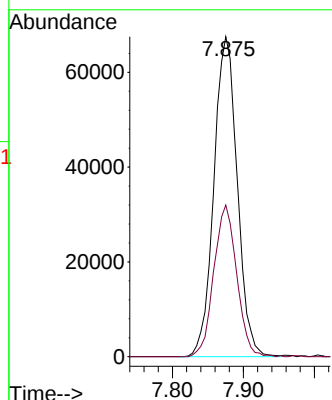
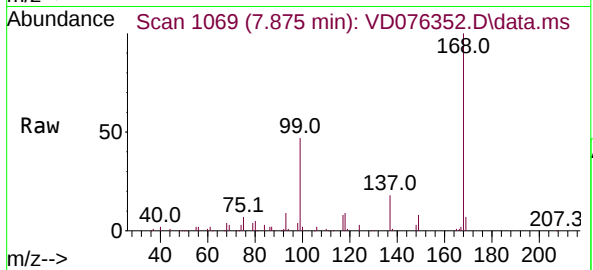




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

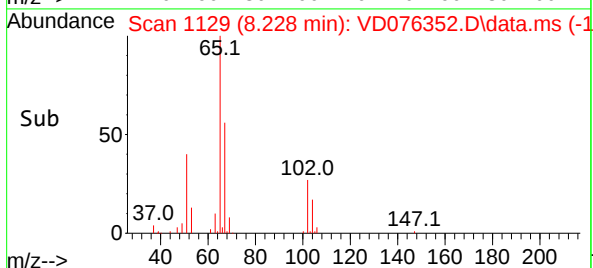
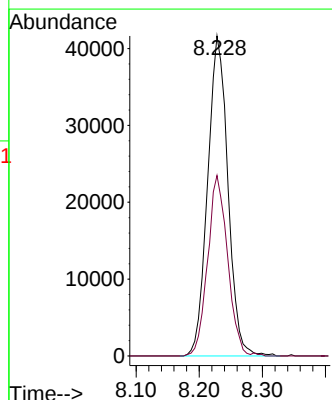
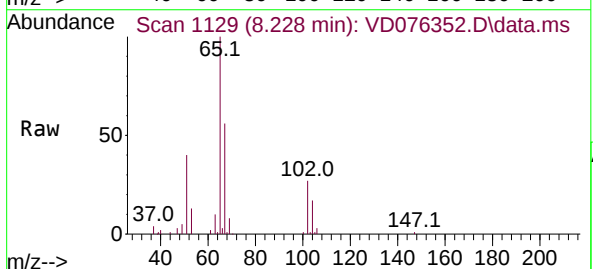
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

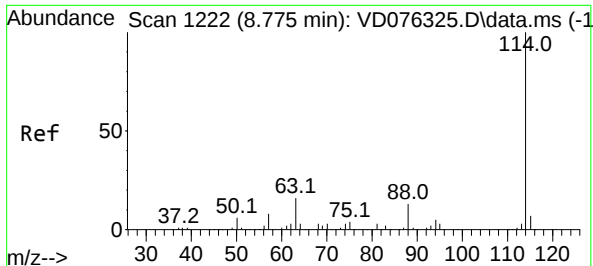
Tgt Ion:168 Resp: 154040
Ion Ratio Lower Upper
168 100
99 47.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 67.272 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion: 65 Resp: 92848
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0

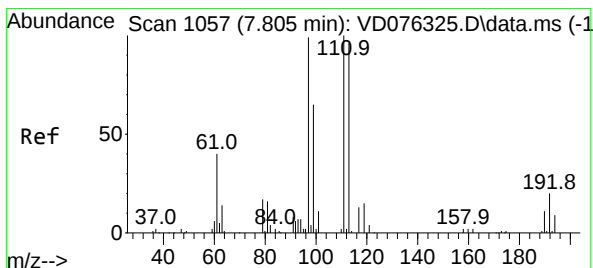
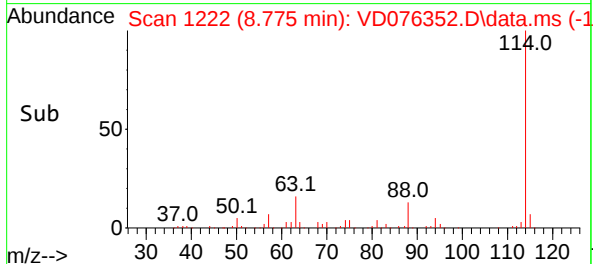
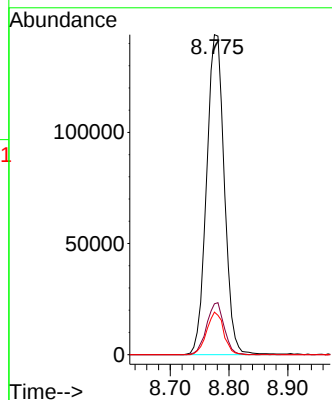
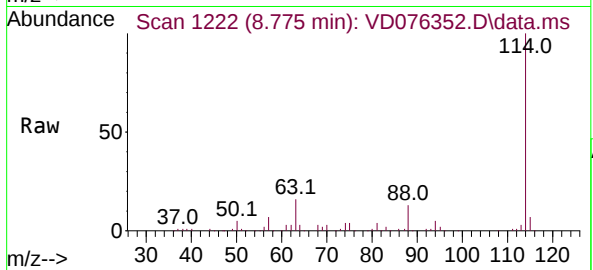




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

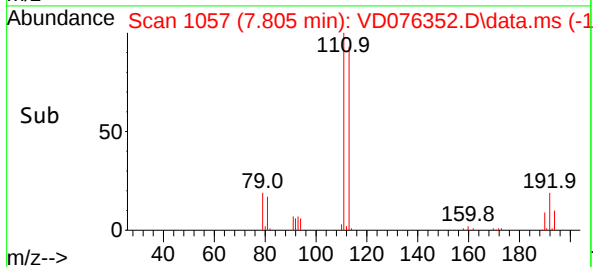
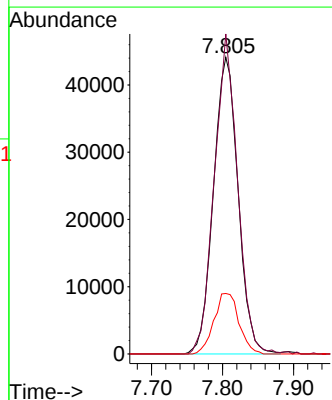
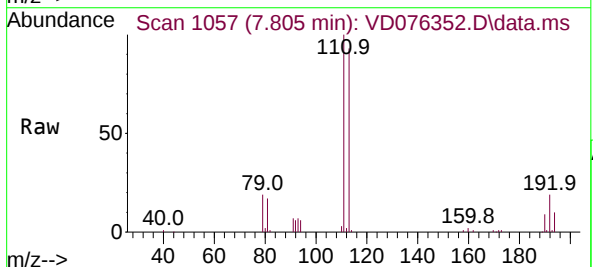
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

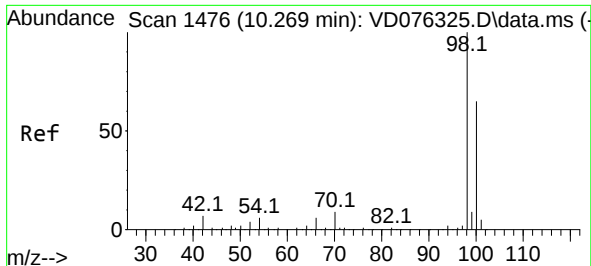
Tgt Ion:114 Resp: 301854
Ion Ratio Lower Upper
114 100
63 15.9 0.0 33.4
88 13.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 55.407 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion:113 Resp: 106192
Ion Ratio Lower Upper
113 100
111 101.9 84.7 127.1
192 20.7 16.8 25.2

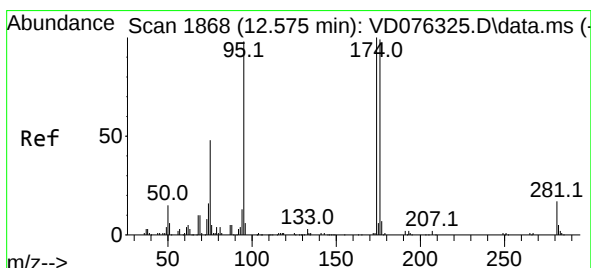
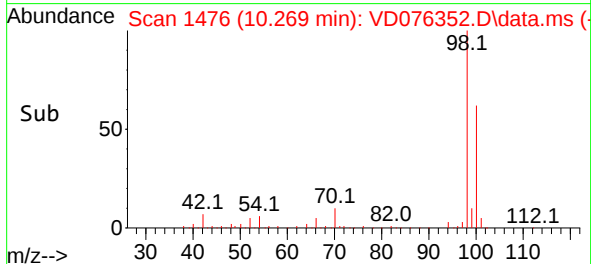
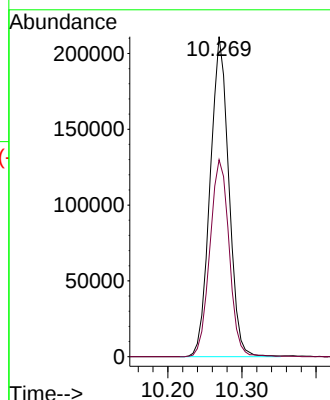
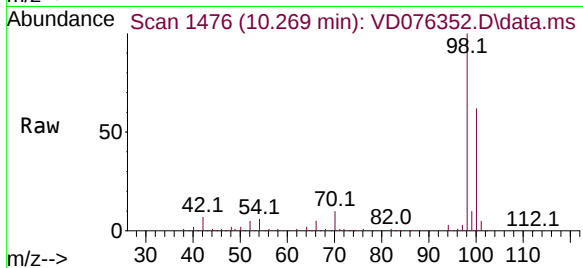




#50
Toluene-d8
Concen: 48.463 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

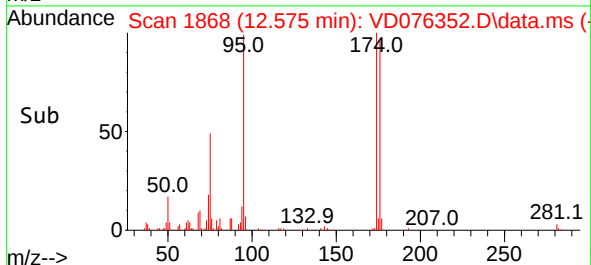
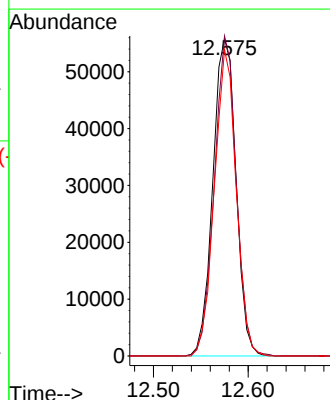
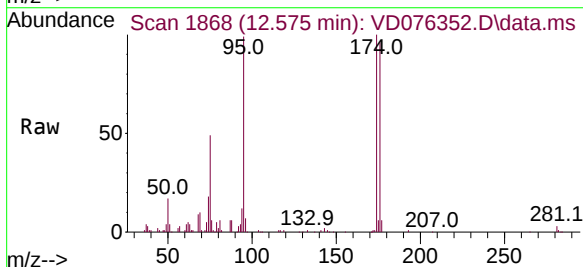
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

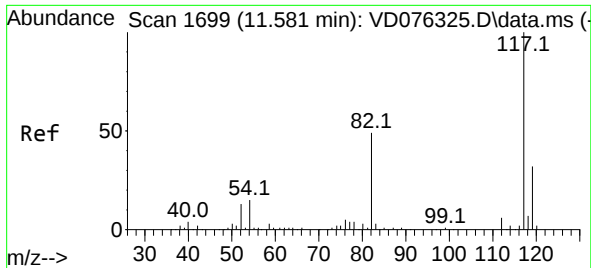
Tgt Ion: 98 Resp: 369811
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.770 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion: 95 Resp: 94448
Ion Ratio Lower Upper
95 100
174 95.7 0.0 201.8
176 91.3 0.0 191.8

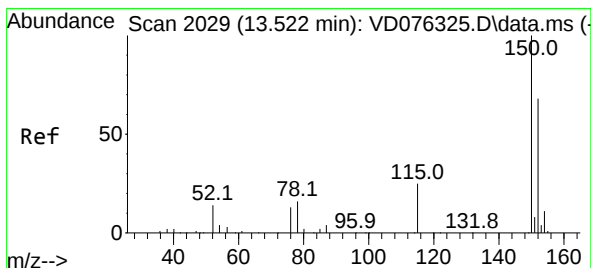
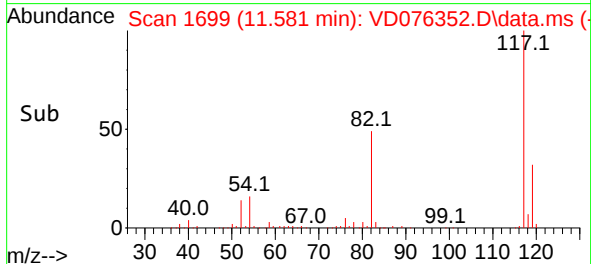
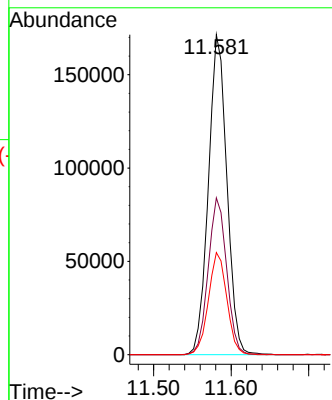
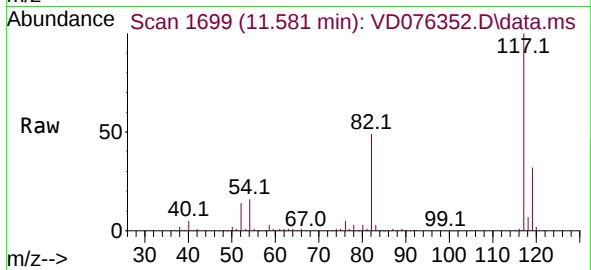




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Tgt Ion:117 Resp: 283962
Ion Ratio Lower Upper
117 100
82 49.0 38.3 57.5
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion:152 Resp: 124849
Ion Ratio Lower Upper
152 100
115 49.5 27.1 81.3
150 154.6 0.0 353.6

