

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076484.D
 Acq On : 20 Jun 2023 11:17
 Operator : KP/SY
 Sample : VD0620SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBL01

Quant Time: Jun 20 15:29:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	146134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	251647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65738	44.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.800%
35) Dibromofluoromethane	7.805	113	71845	48.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.269	98	264003	46.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.569	95	82523	44.849	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.700%

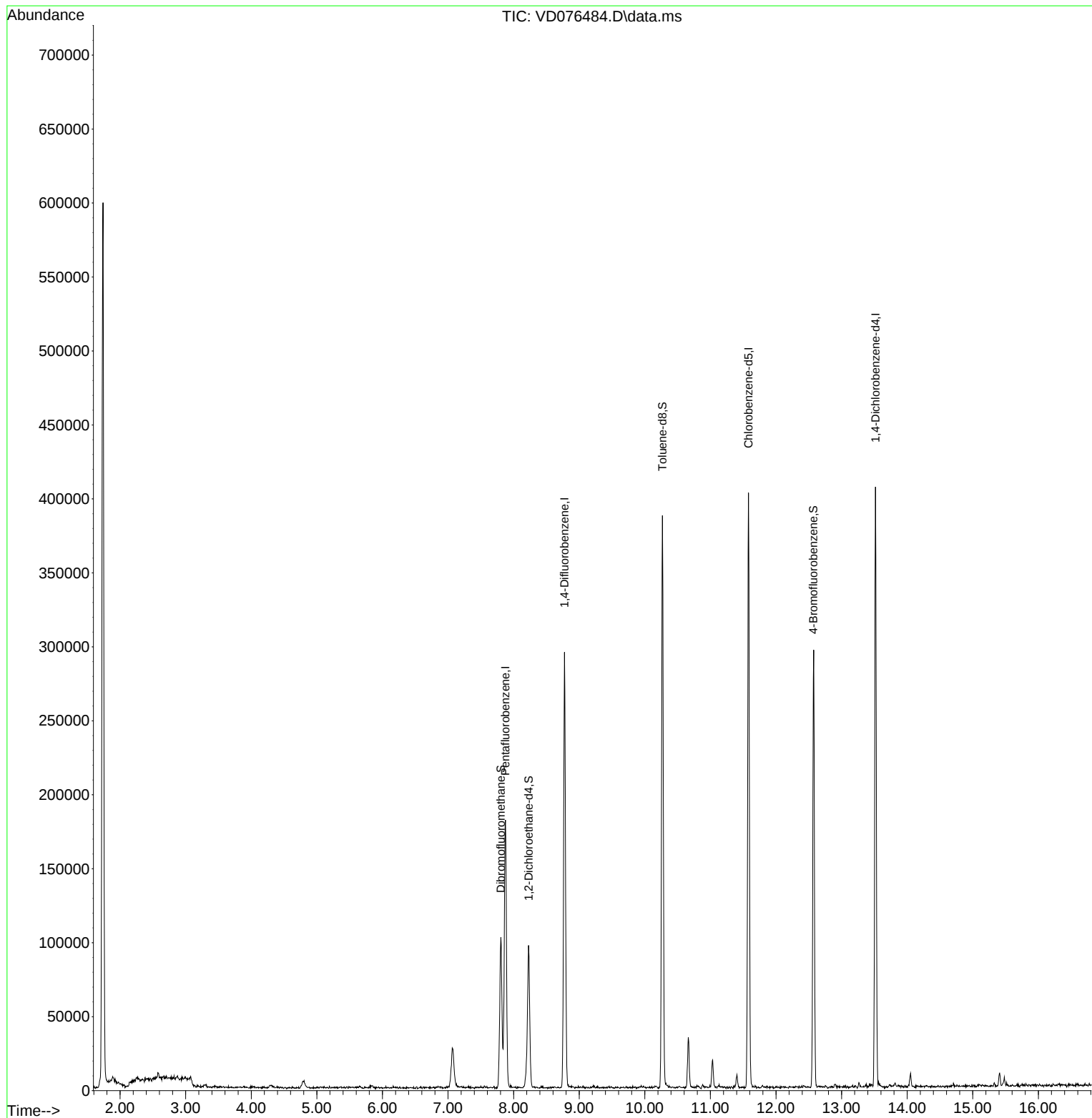
Target Compounds	Qvalue

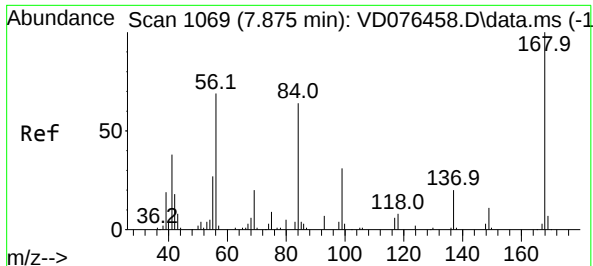
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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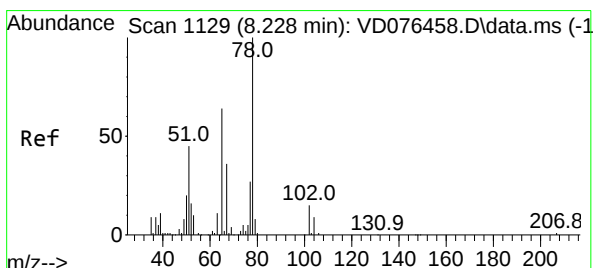
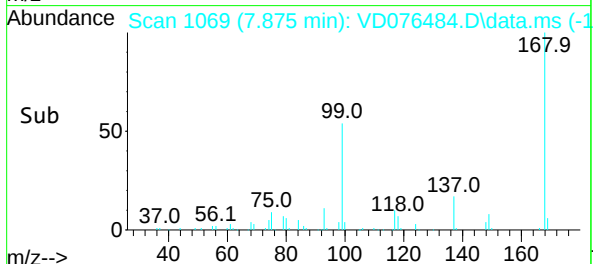
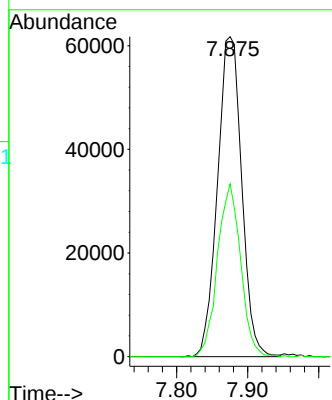
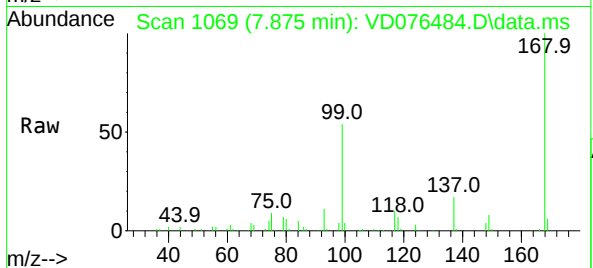




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

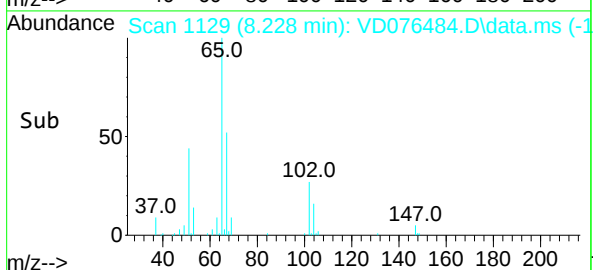
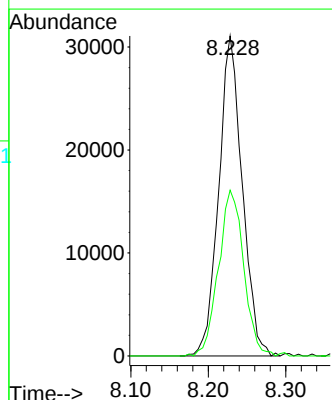
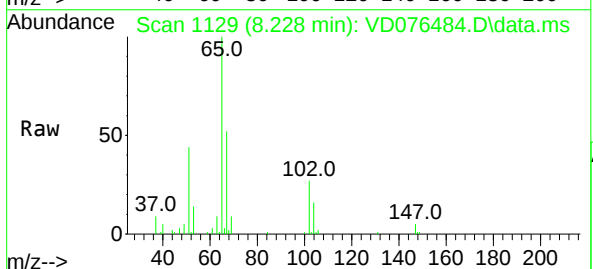
Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

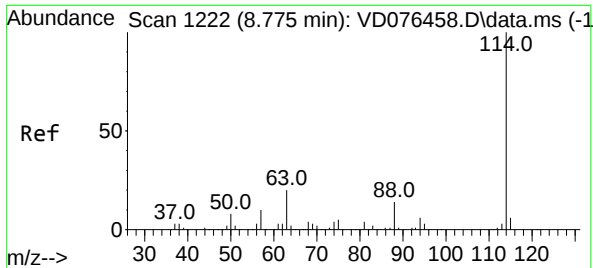
Tgt Ion:168 Resp: 146134
Ion Ratio Lower Upper
168 100
99 54.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 44.899 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion: 65 Resp: 65738
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0

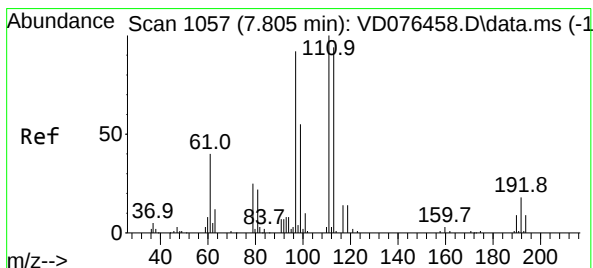
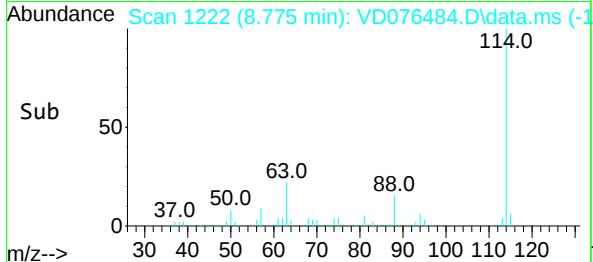
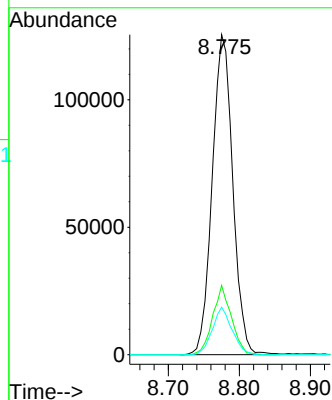
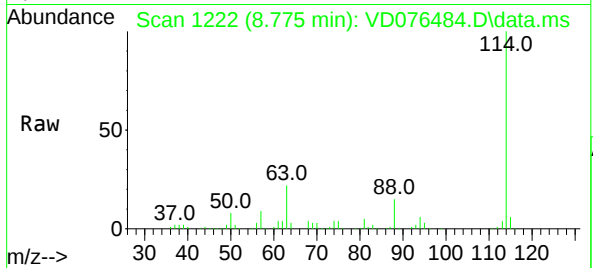




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

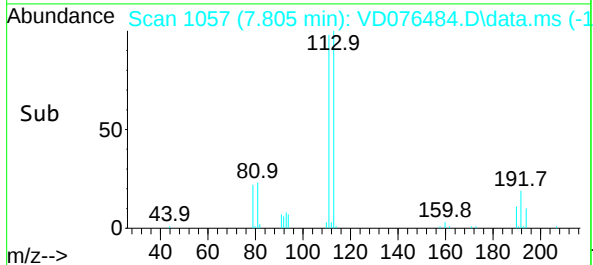
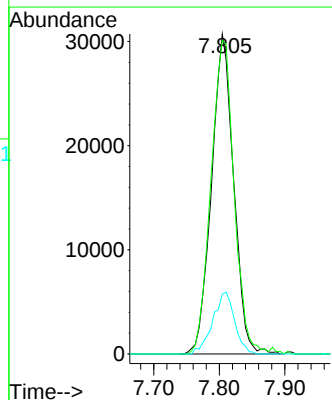
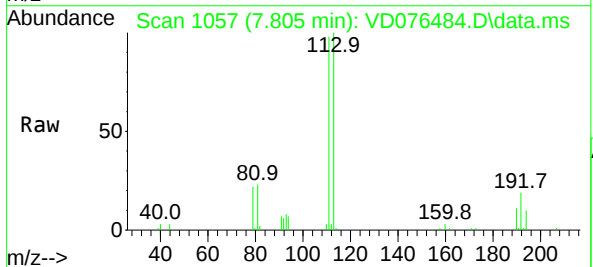
Instrument :
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VD0620SBL01

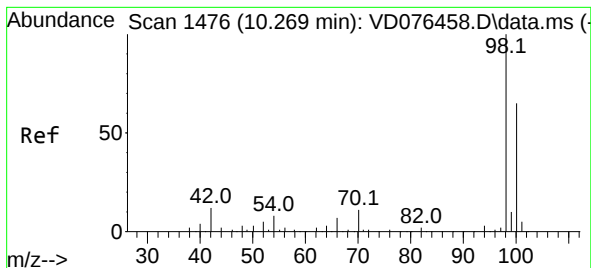
Tgt Ion:114 Resp: 251647
Ion Ratio Lower Upper
114 100
63 21.6 0.0 33.4
88 14.8 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.058 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion:113 Resp: 71845
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 19.1 16.8 25.2

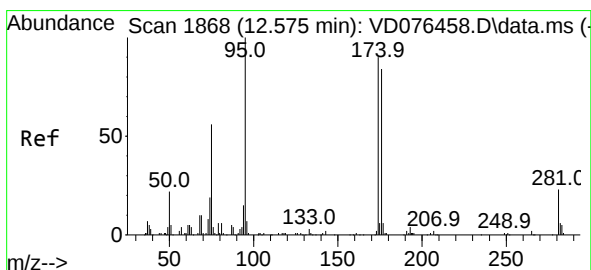
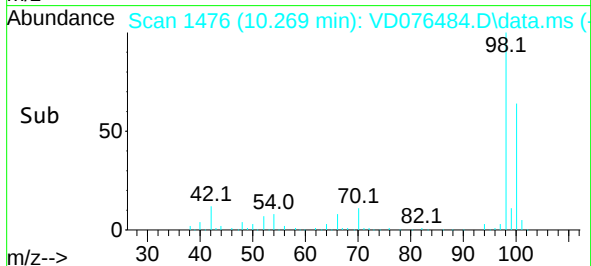
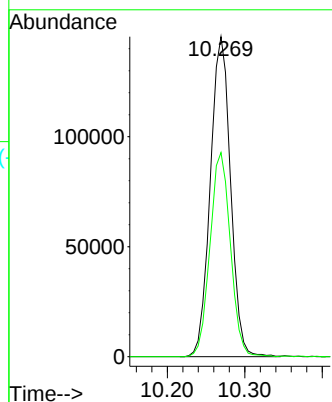
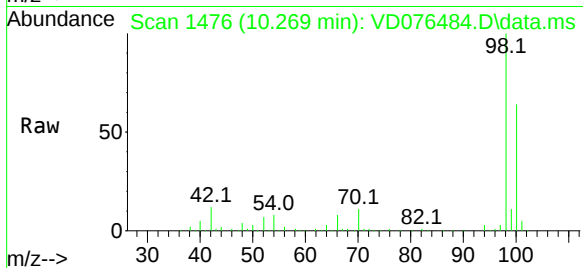




#50
Toluene-d8
Concen: 46.565 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

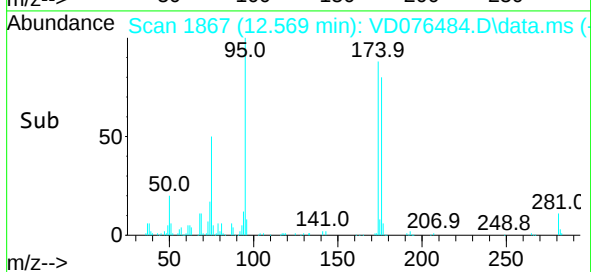
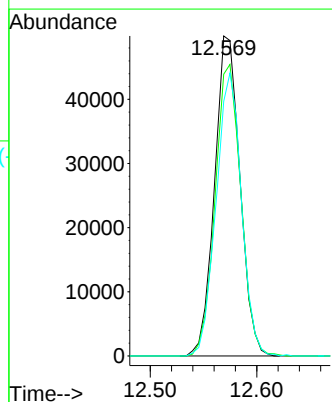
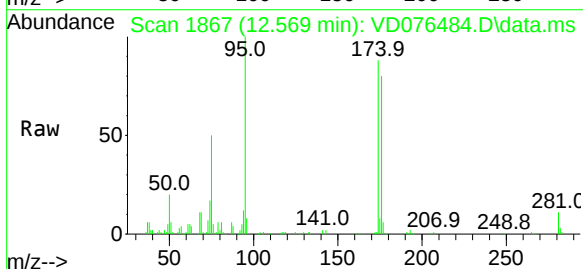
Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

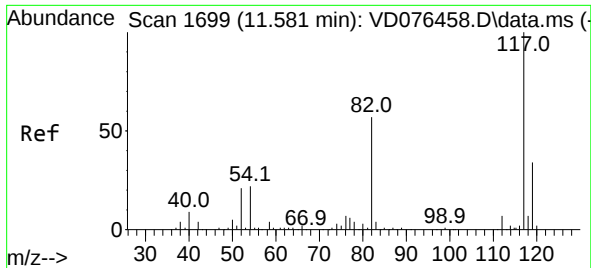
Tgt Ion: 98 Resp: 264003
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.849 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion: 95 Resp: 82523
Ion Ratio Lower Upper
95 100
174 92.2 0.0 201.8
176 88.3 0.0 191.8

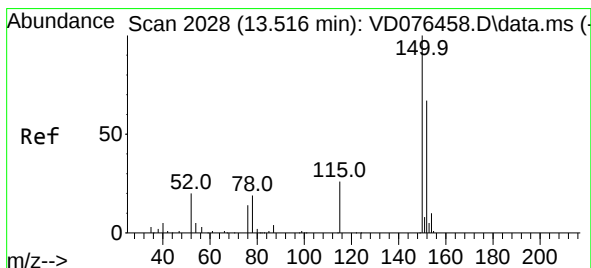
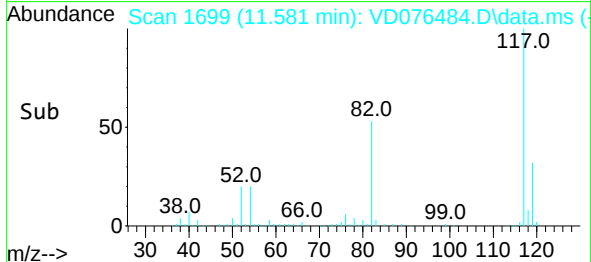
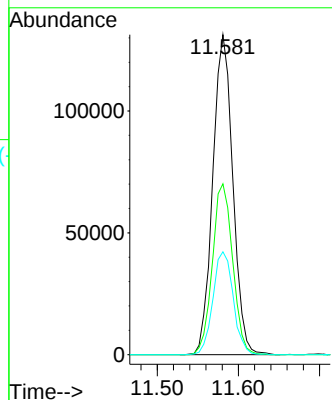
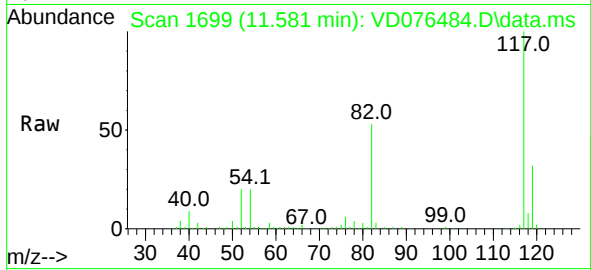




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

Tgt Ion:117 Resp: 225762
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 32.2 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: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion:152 Resp: 106968
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 154.5 0.0 353.6

