

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076512.D
 Acq On : 21 Jun 2023 14:51
 Operator : KP/SY
 Sample : 03336-10
 Misc : 5.38G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Quant Time: Jun 22 01:59:06 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	167235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	288171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	262607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83102	49.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.200%
35) Dibromofluoromethane	7.804	113	85842	50.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.269	98	327707	50.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.574	95	97872	46.449	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.900%

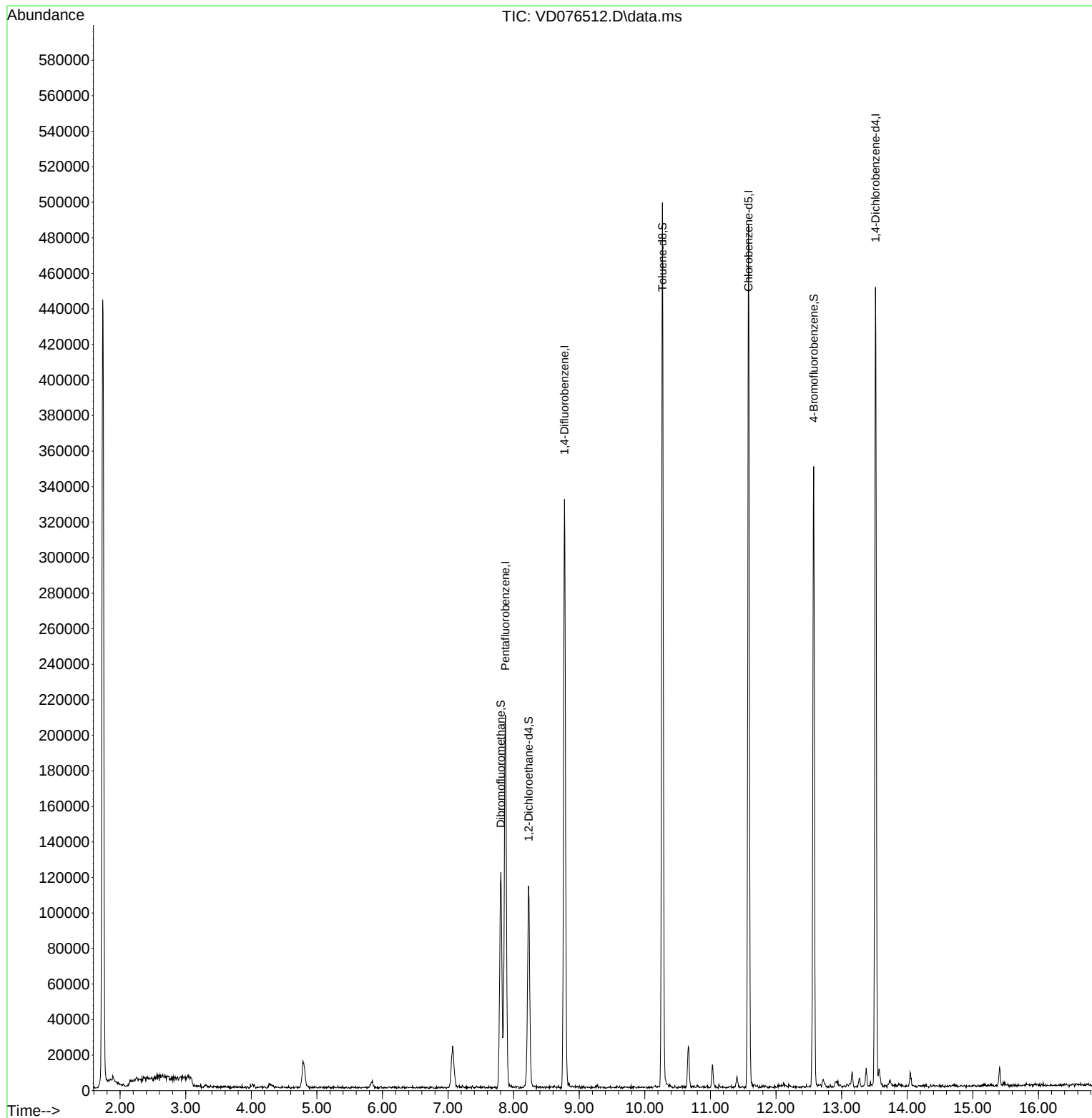
Target Compounds	Qvalue

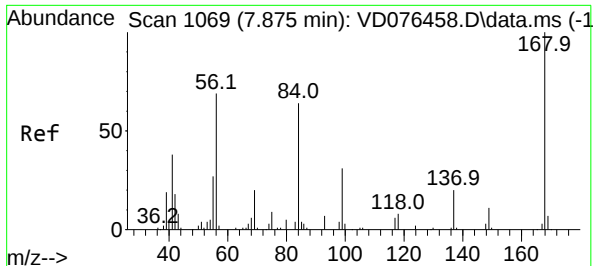
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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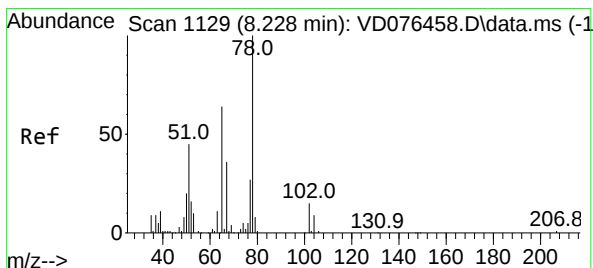
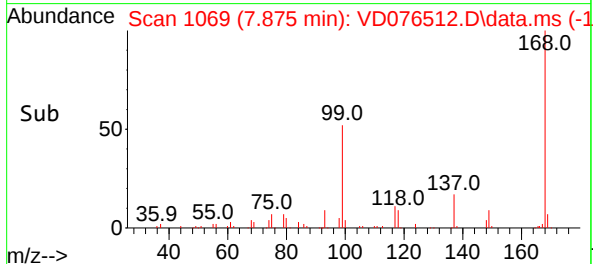
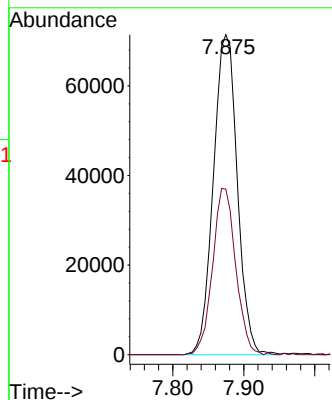
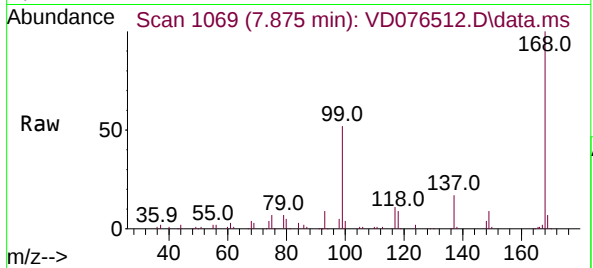




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

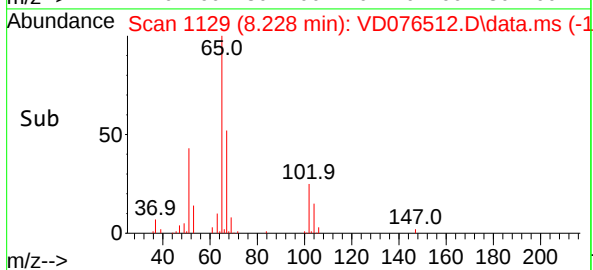
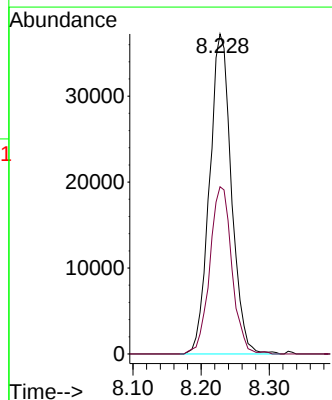
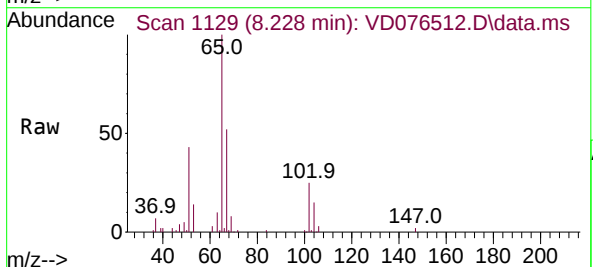
Instrument :
MSVOA_D
ClientSampleId :
WC-3

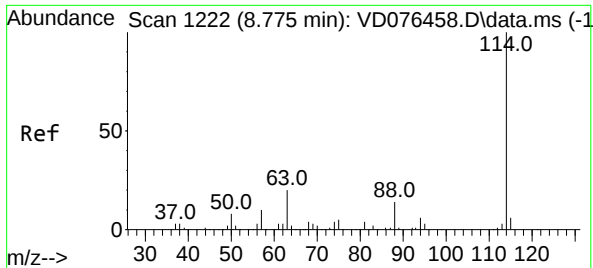
Tgt Ion:168 Resp: 167235
Ion Ratio Lower Upper
168 100
99 51.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 49.597 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

Tgt Ion: 65 Resp: 83102
Ion Ratio Lower Upper
65 100
67 52.9 0.0 115.0

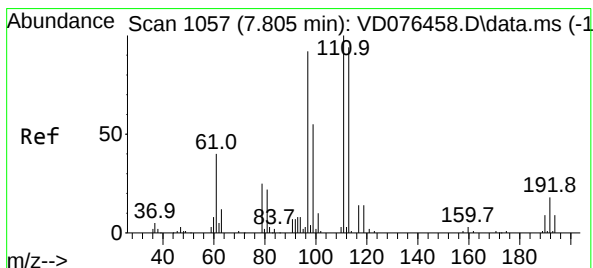
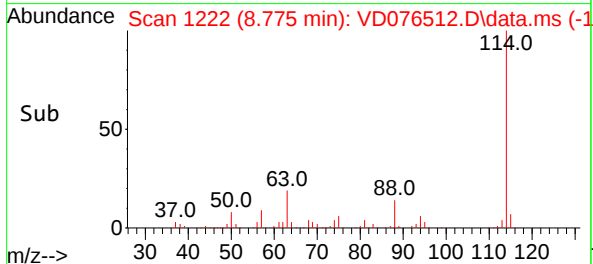
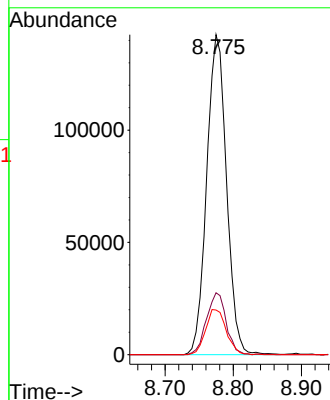
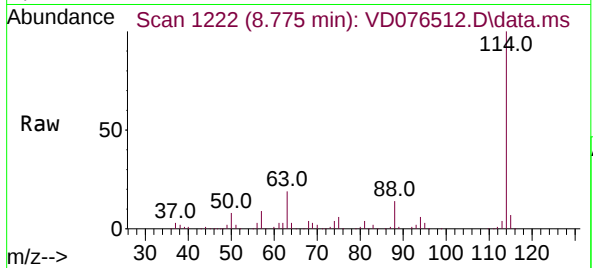




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

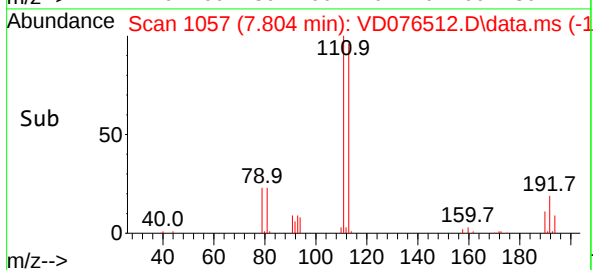
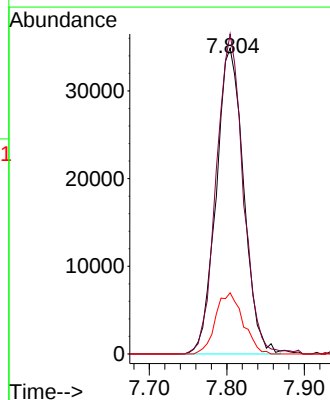
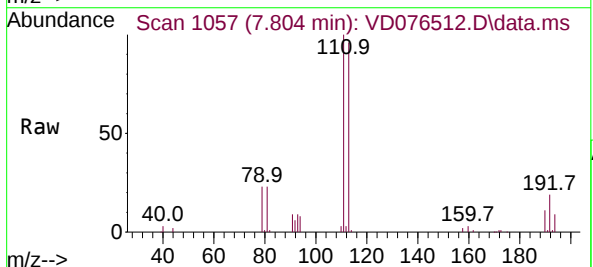
Instrument :
MSVOA_D
ClientSampleId :
WC-3

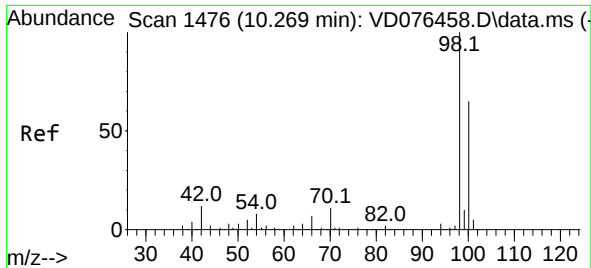
Tgt Ion:114 Resp: 288171
Ion Ratio Lower Upper
114 100
63 19.3 0.0 33.4
88 13.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 50.143 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

Tgt Ion:113 Resp: 85842
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 20.0 16.8 25.2

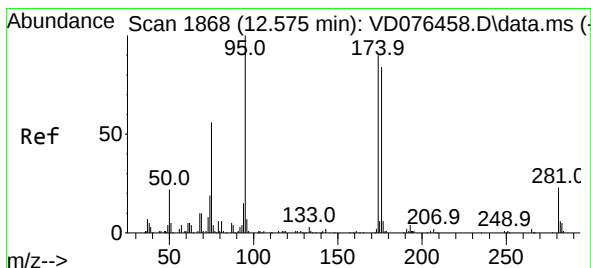
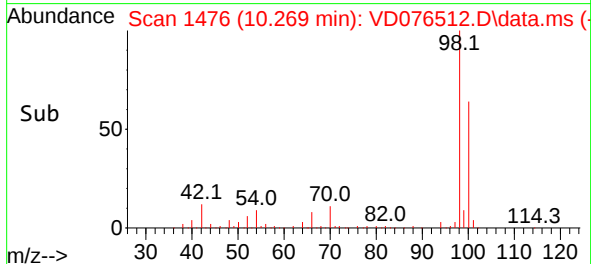
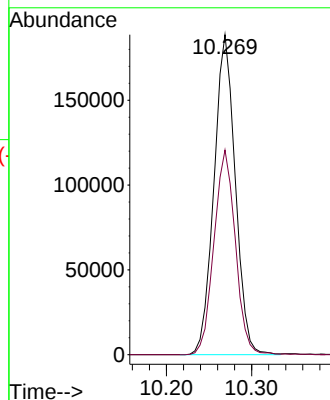
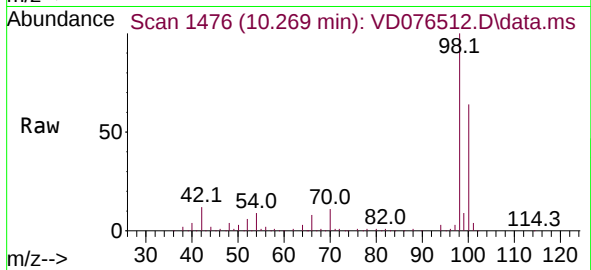




#50
Toluene-d8
Concen: 50.475 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

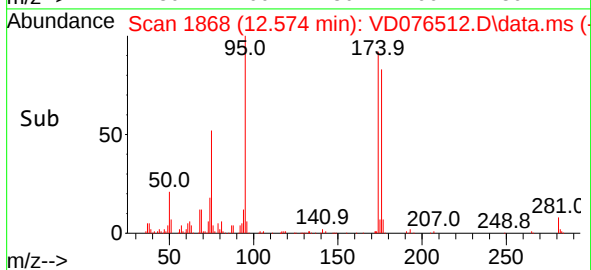
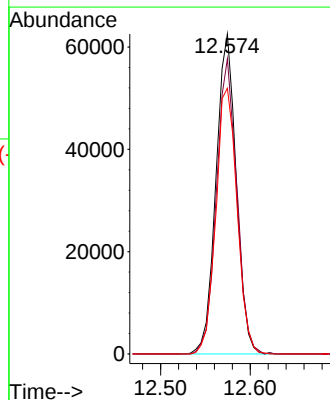
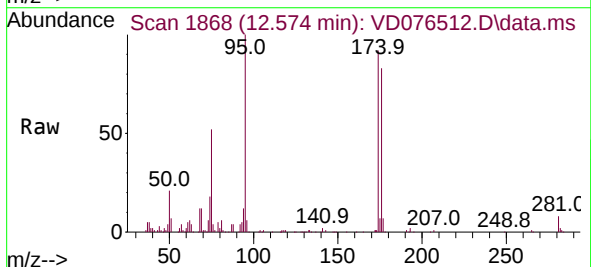
Instrument :
MSVOA_D
ClientSampleId :
WC-3

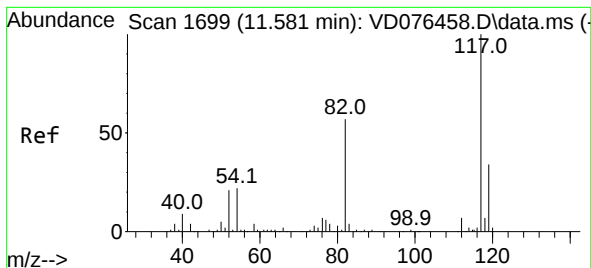
Tgt Ion: 98 Resp: 327707
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.449 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

Tgt Ion: 95 Resp: 97872
Ion Ratio Lower Upper
95 100
174 92.8 0.0 201.8
176 86.9 0.0 191.8

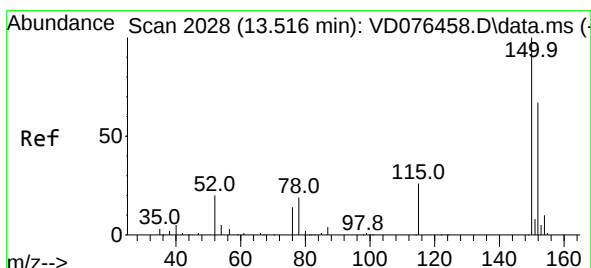
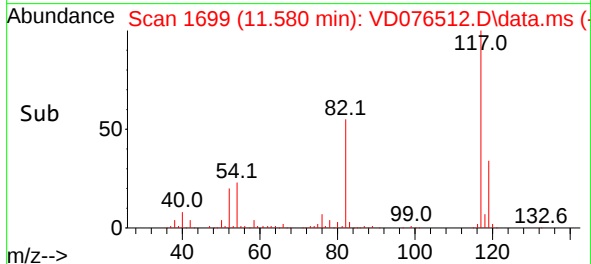
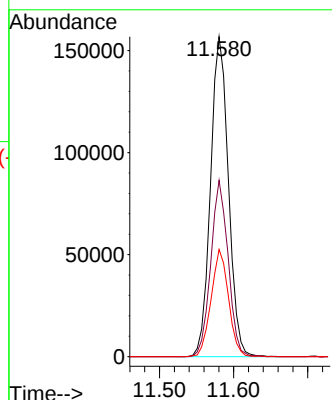
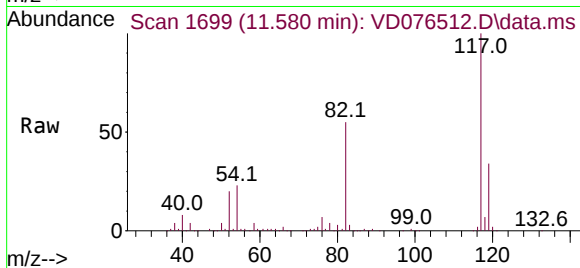




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Tgt Ion:117 Resp: 262607
Ion Ratio Lower Upper
117 100
82 55.1 38.3 57.5
119 33.5 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: VD076512.D
Acq: 21 Jun 2023 14:51

Tgt Ion:152 Resp: 118745
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 157.6 0.0 353.6

