

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077445.D
 Acq On : 30 Oct 2023 14:06
 Operator : JC/SY
 Sample : VD1030SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBL01

Quant Time: Oct 31 04:25:32 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	320737	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	576189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	497943	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	224653	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	229202	50.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.080%
35) Dibromofluoromethane	7.804	113	205076	51.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.269	98	817044	52.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.575	95	269185	51.668	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.340%

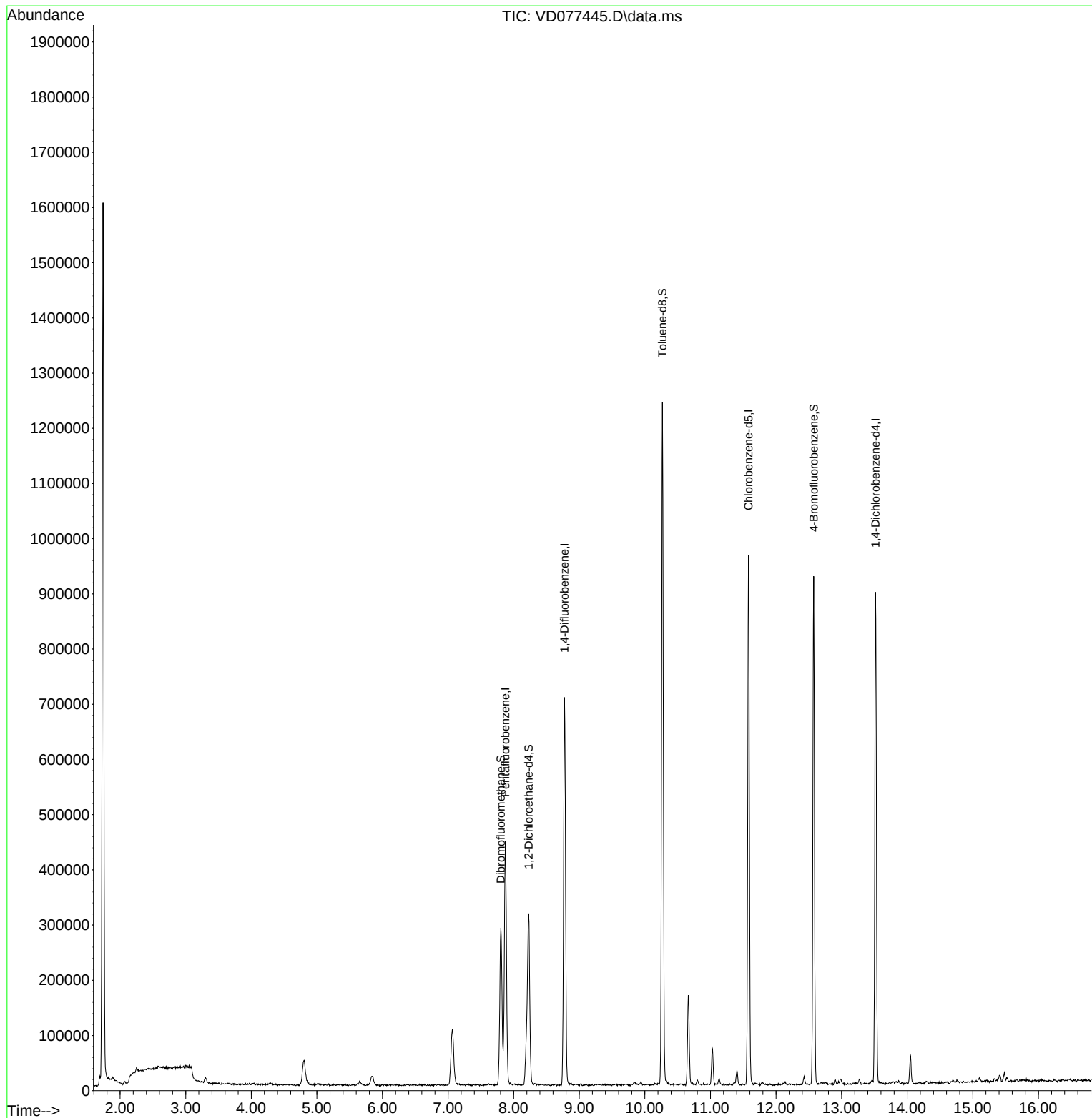
Target Compounds	Qvalue

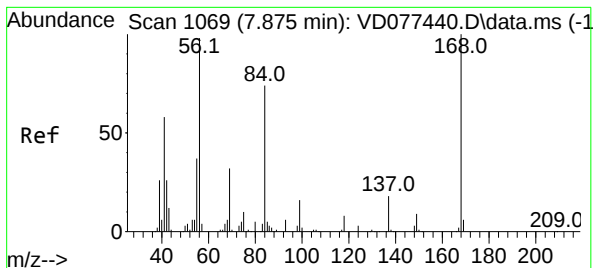
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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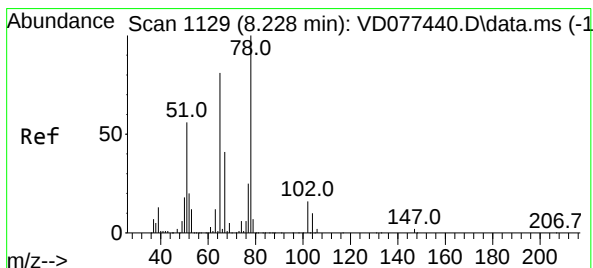
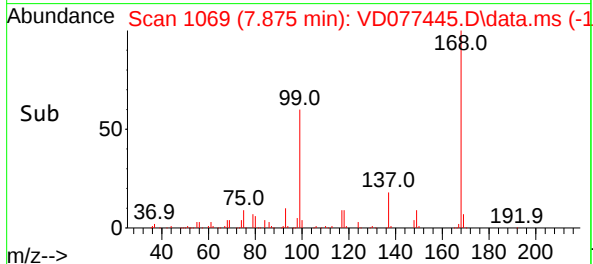
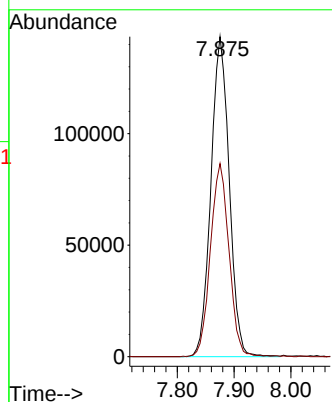
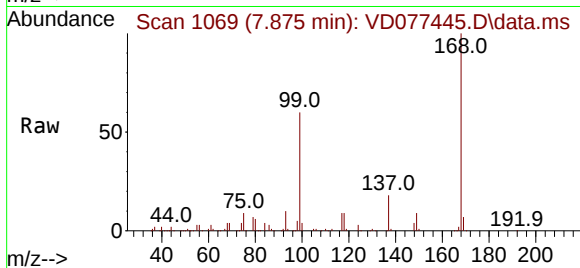




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

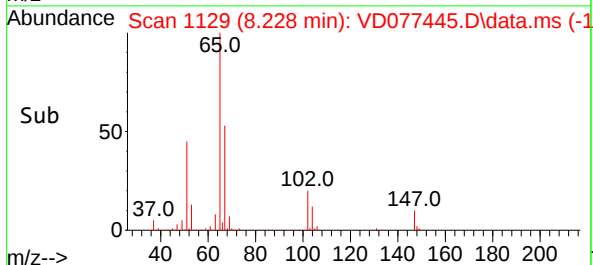
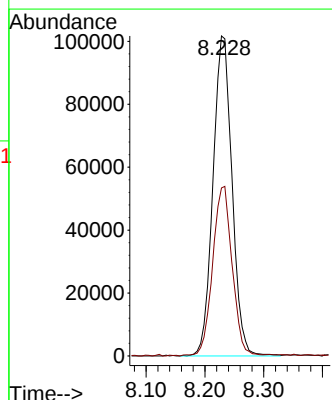
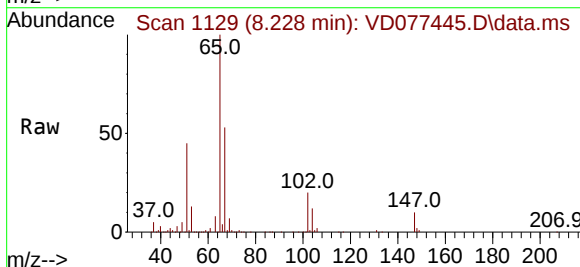
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBL01

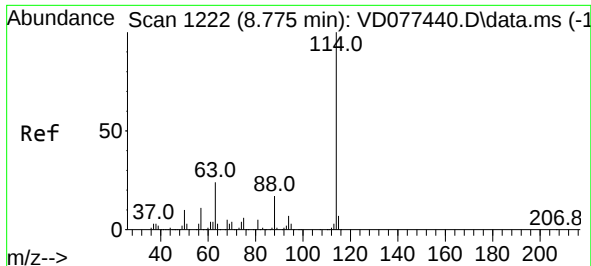
Tgt Ion:168 Resp: 320737
Ion Ratio Lower Upper
168 100
99 60.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 50.536 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

Tgt Ion: 65 Resp: 229202
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0

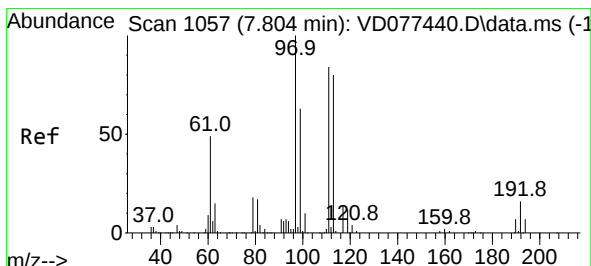
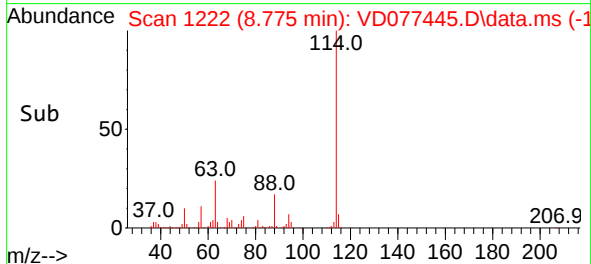
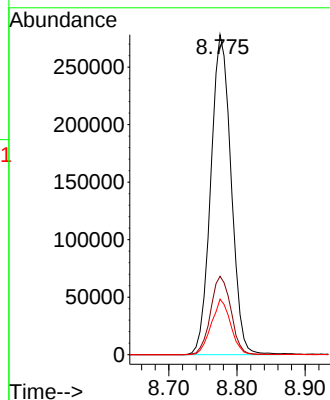
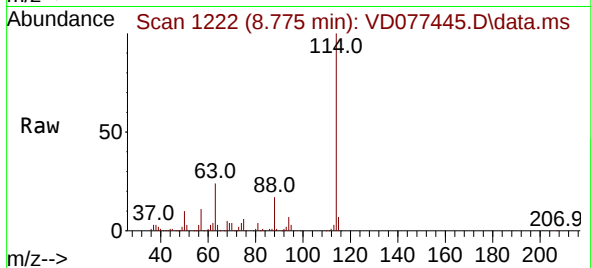




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

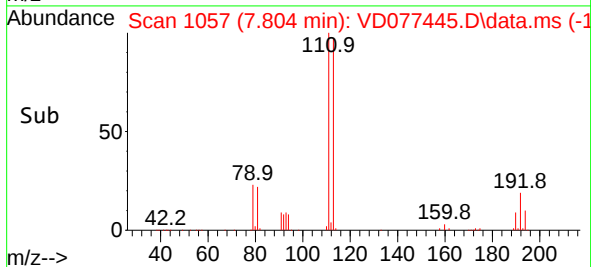
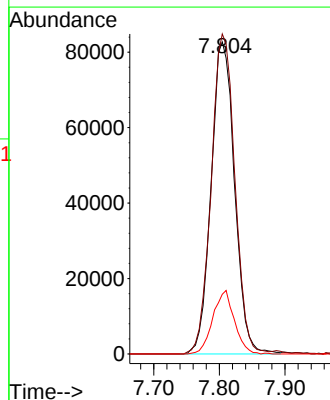
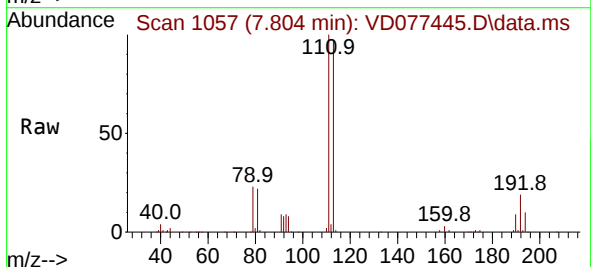
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBL01

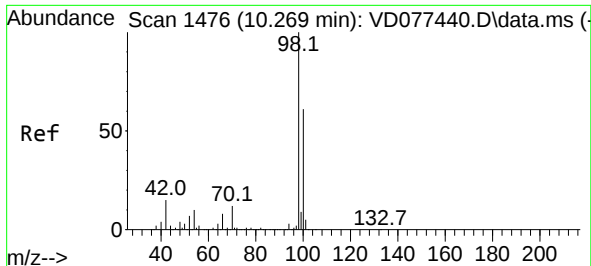
Tgt Ion:114 Resp: 576189
Ion Ratio Lower Upper
114 100
63 24.5 0.0 33.4
88 17.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 51.496 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

Tgt Ion:113 Resp: 205076
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 18.8 16.8 25.2

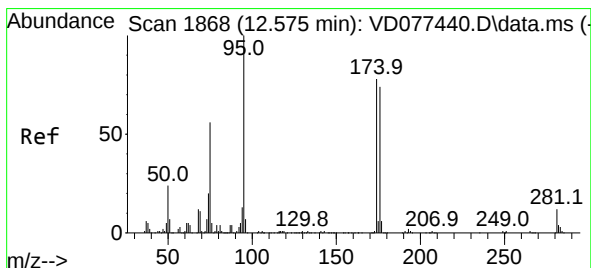
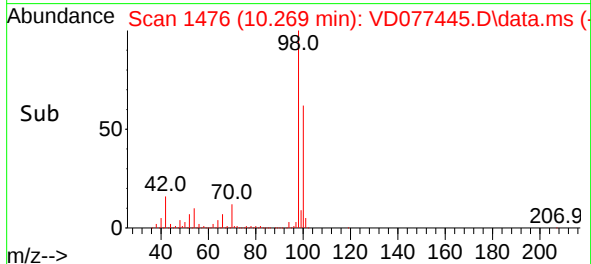
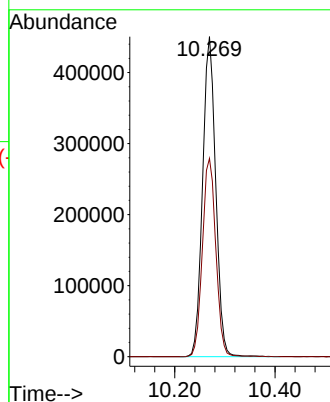
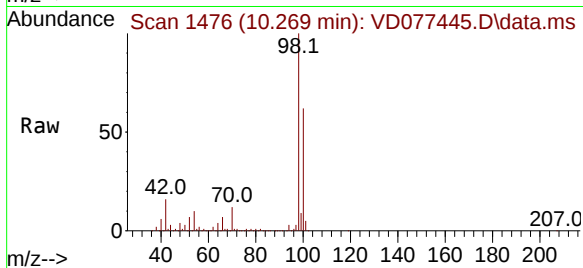




#50
Toluene-d8
Concen: 52.819 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

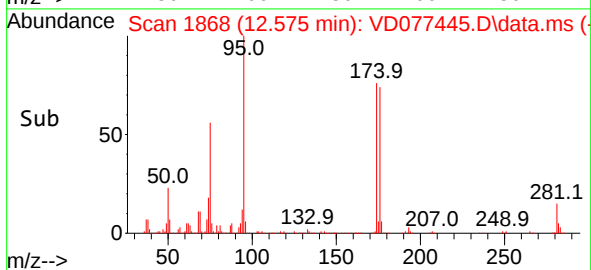
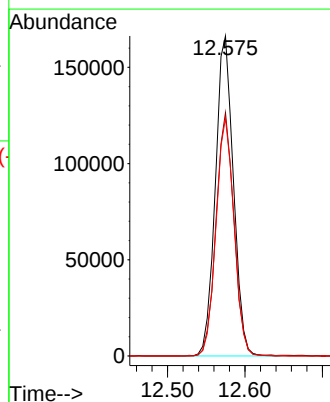
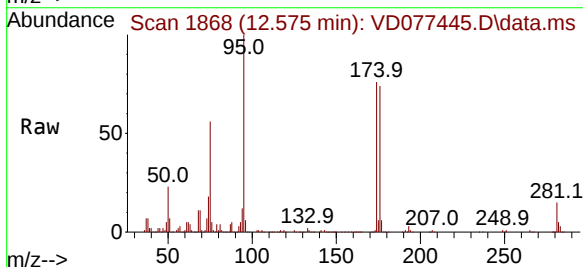
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBL01

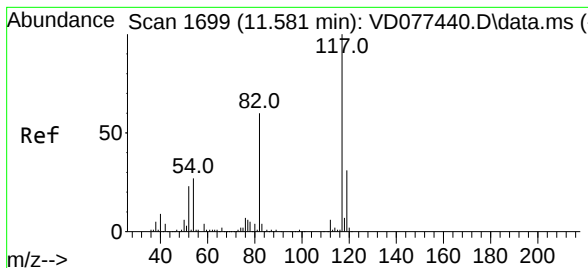
Tgt Ion: 98 Resp: 817044
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.668 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

Tgt Ion: 95 Resp: 269185
Ion Ratio Lower Upper
95 100
174 75.2 0.0 201.8
176 74.2 0.0 191.8

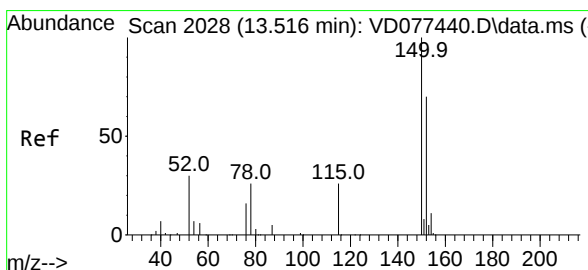
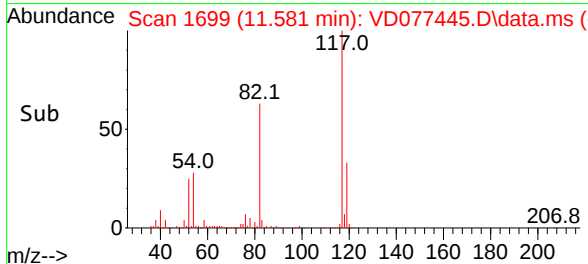
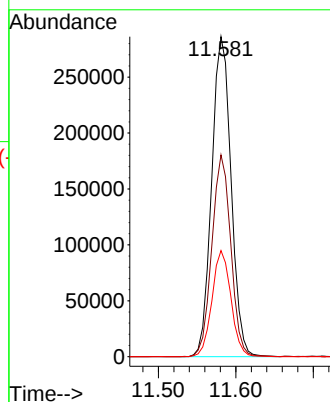
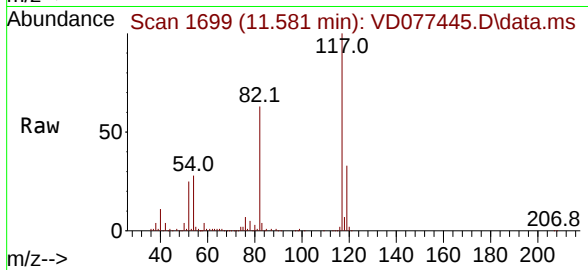




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
VD1030SBL01

Tgt Ion:117 Resp: 497943
Ion Ratio Lower Upper
117 100
82 63.1 38.3 57.5#
119 33.2 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: VD077445.D
Acq: 30 Oct 2023 14:06

Tgt Ion:152 Resp: 224653
Ion Ratio Lower Upper
152 100
115 60.5 27.1 81.3
150 157.6 0.0 353.6

