

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077929.D
 Acq On : 16 Dec 2023 12:50
 Operator : RP/MD
 Sample : VD1216SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBL01

Quant Time: Dec 18 01:56:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	190713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	340446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	324659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89293	39.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.460%
35) Dibromofluoromethane	7.805	113	101814	42.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.380%
50) Toluene-d8	10.269	98	433639	45.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.575	95	123771	43.344	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.680%

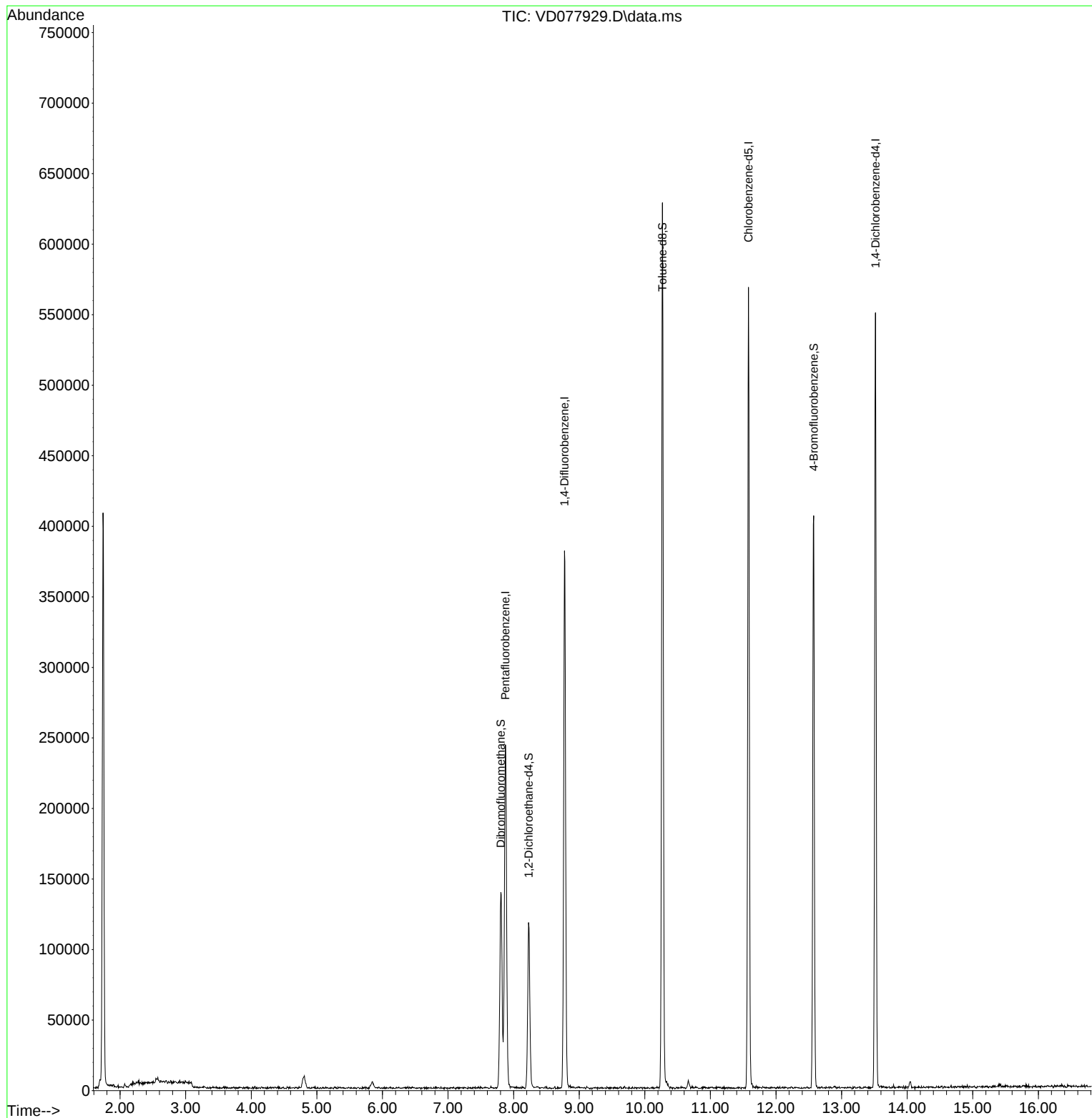
Target Compounds	Qvalue

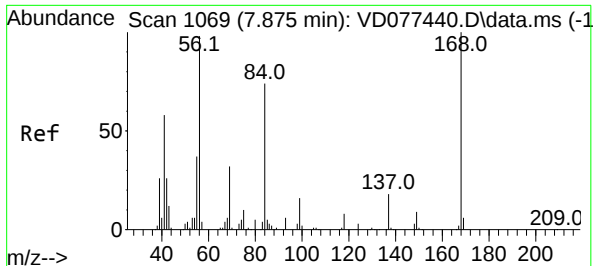
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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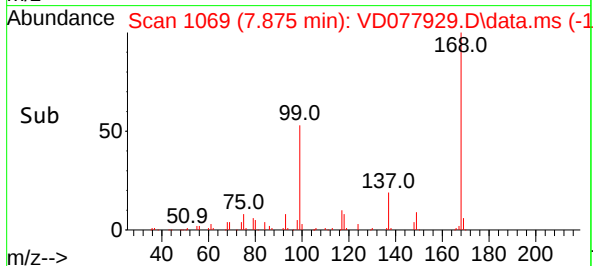
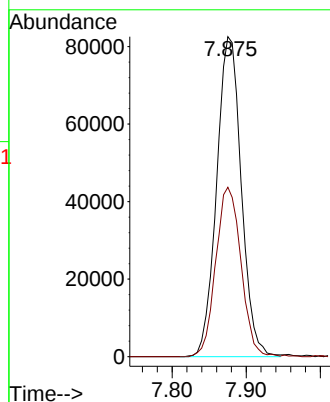
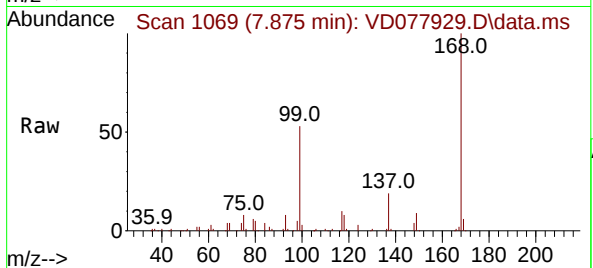




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077929.D
Acq: 16 Dec 2023 12:50

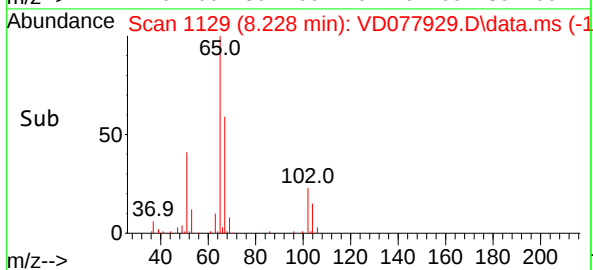
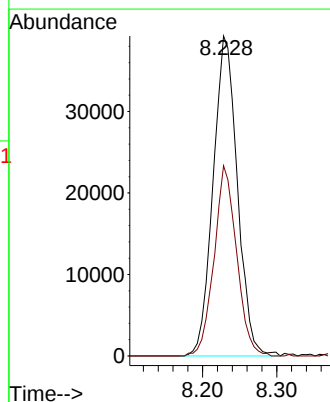
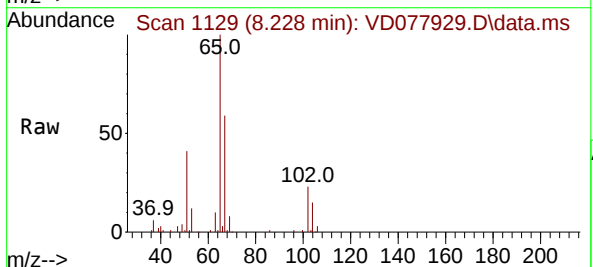
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBL01

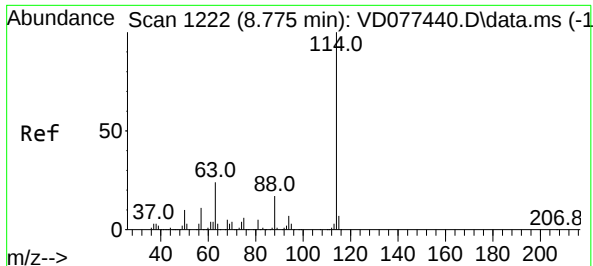
Tgt Ion:168 Resp: 190713
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 39.734 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077929.D
Acq: 16 Dec 2023 12:50

Tgt Ion: 65 Resp: 89293
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0

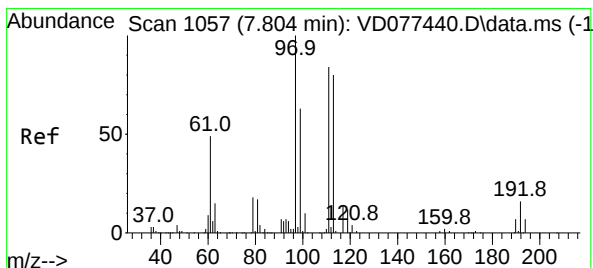
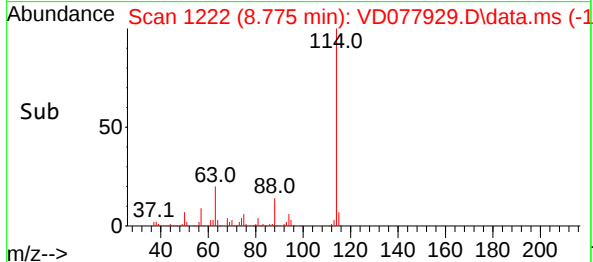
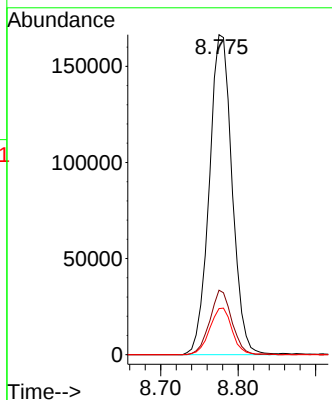
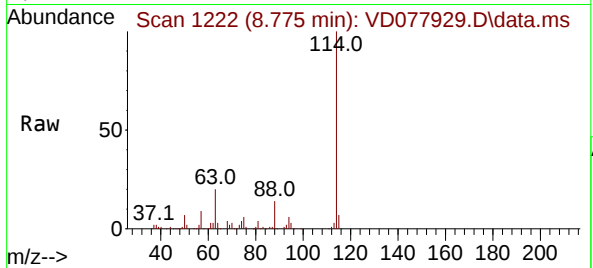




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD077929.D
Acq: 16 Dec 2023 12:50

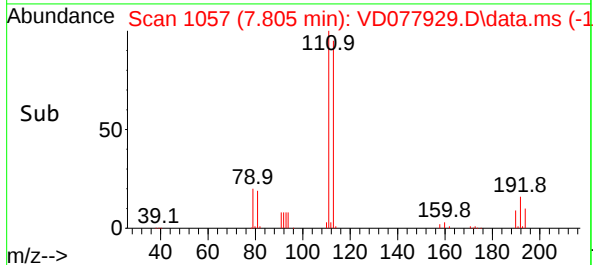
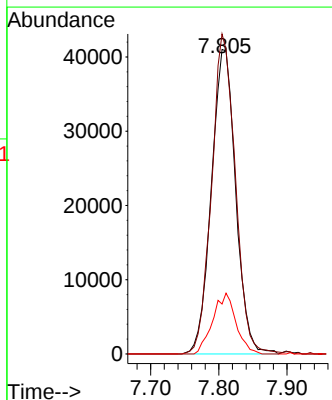
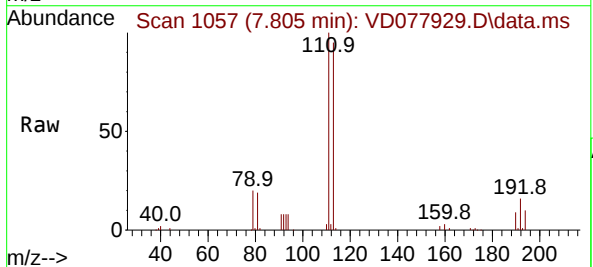
Instrument :
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VD1216SBL01

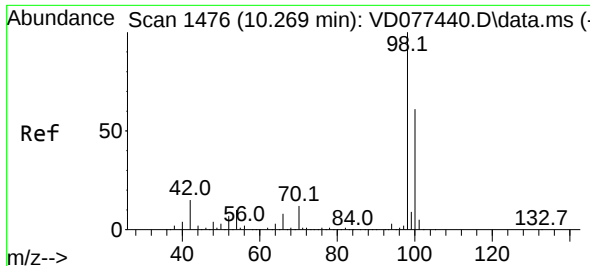
Tgt Ion:	114	Resp:	340446
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	33.4
88	14.4	0.0	26.2



#35
Dibromofluoromethane
Concen: 42.695 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077929.D
Acq: 16 Dec 2023 12:50

Tgt Ion:	113	Resp:	101814
Ion Ratio	Lower	Upper	
113	100		
111	102.3	84.7	127.1
192	19.1	16.8	25.2

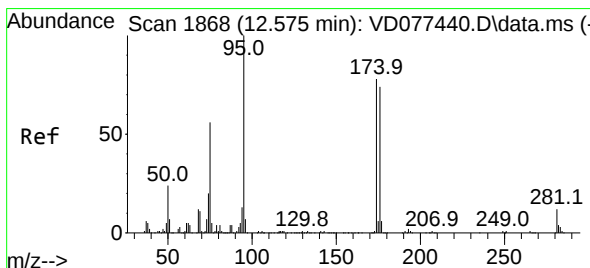
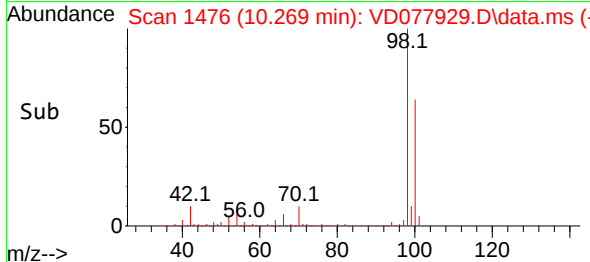
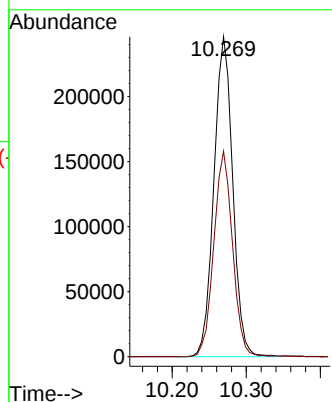
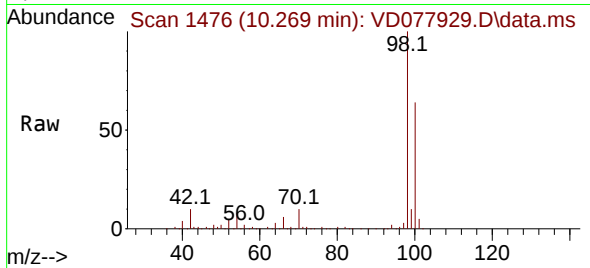




#50
Toluene-d8
Concen: 45.402 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077929.D
Acq: 16 Dec 2023 12:50

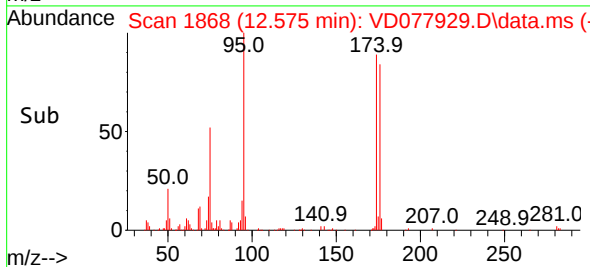
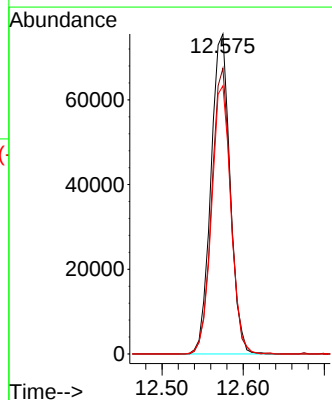
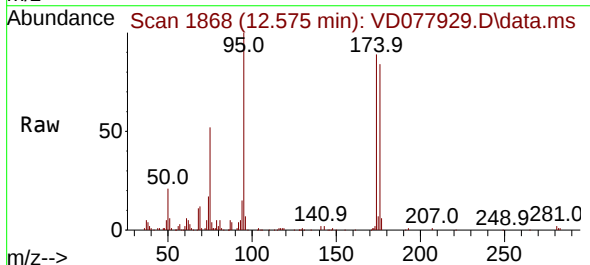
Instrument :
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VD1216SBL01

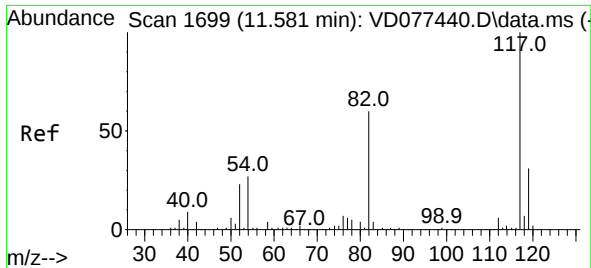
Tgt Ion: 98 Resp: 433639
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.344 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077929.D
Acq: 16 Dec 2023 12:50

Tgt Ion: 95 Resp: 123771
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 84.5 0.0 191.8

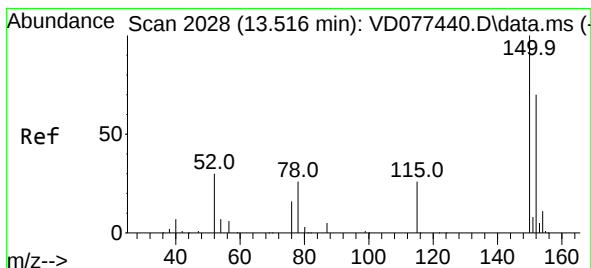
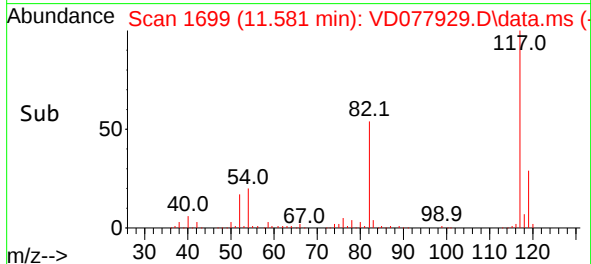
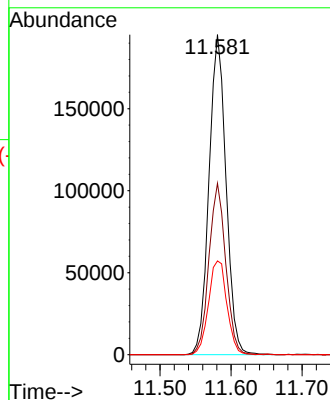
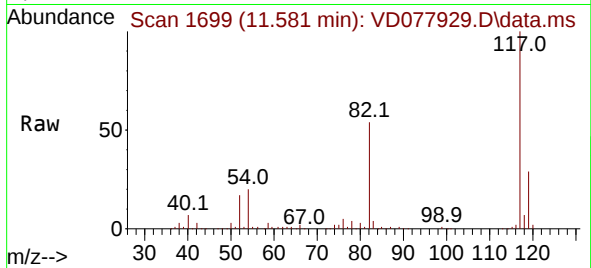




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077929.D
Acq: 16 Dec 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBL01

Tgt Ion:117 Resp: 324659
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 29.3 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: VD077929.D
Acq: 16 Dec 2023 12:50

Tgt Ion:152 Resp: 147617
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 152.3 0.0 353.6

