

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077932.D
 Acq On : 16 Dec 2023 14:28
 Operator : RP/MD
 Sample : 05832-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20103

Quant Time: Dec 18 01:58:29 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	165815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	266287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79482	40.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.360%
35) Dibromofluoromethane	7.811	113	91296	42.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.400%
50) Toluene-d8	10.269	98	372377	43.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.980%
62) 4-Bromofluorobenzene	12.575	95	88960	34.749	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.500%

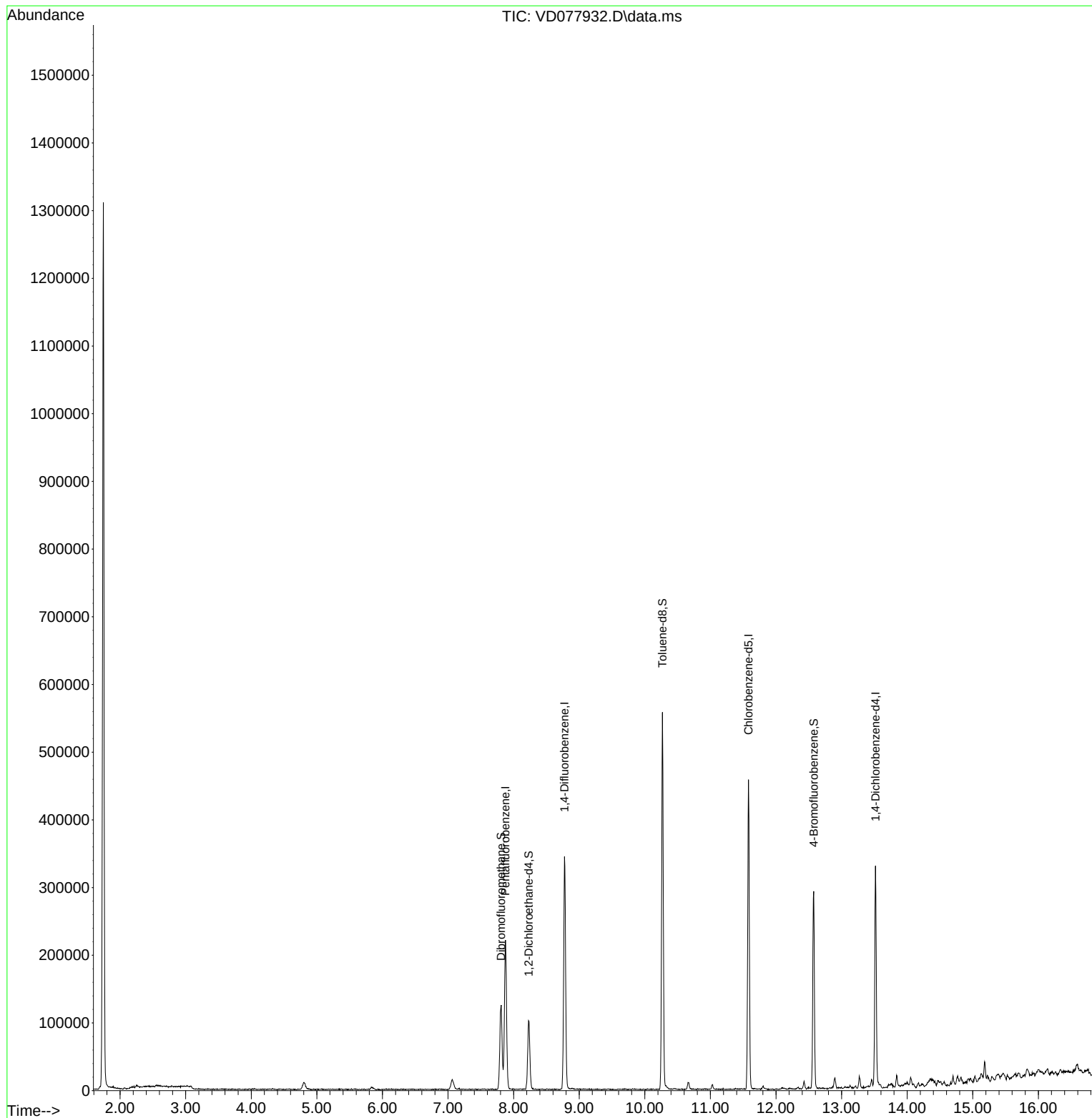
Target Compounds	Qvalue

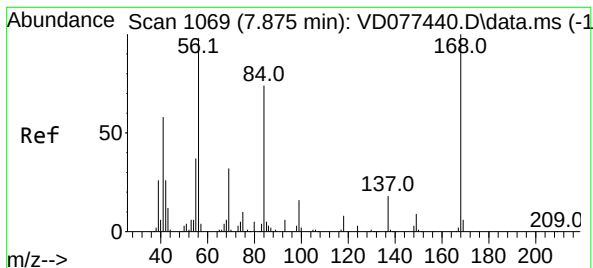
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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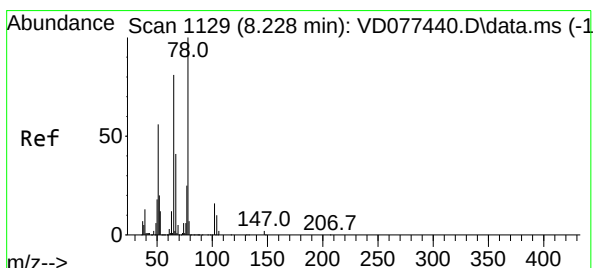
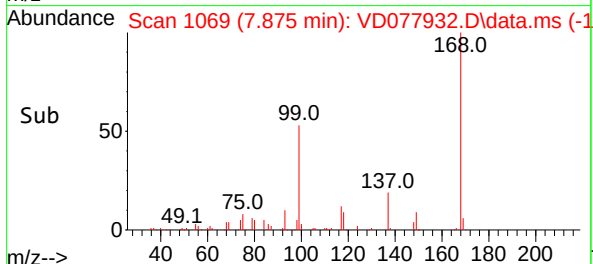
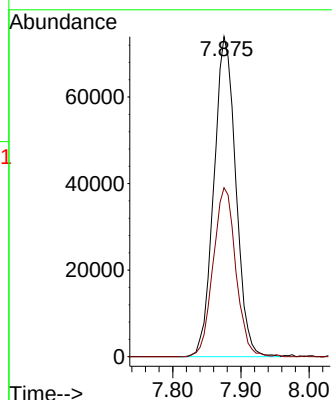
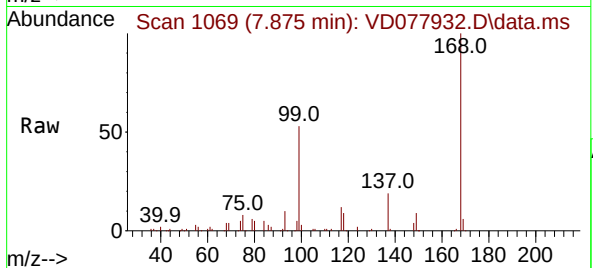




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077932.D
Acq: 16 Dec 2023 14:28

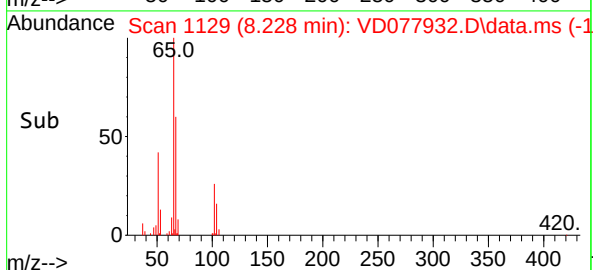
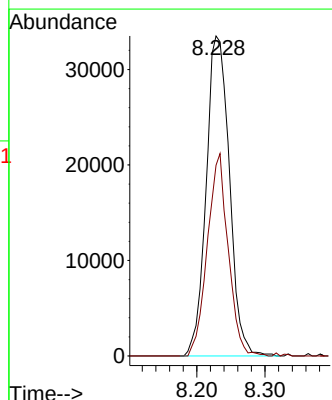
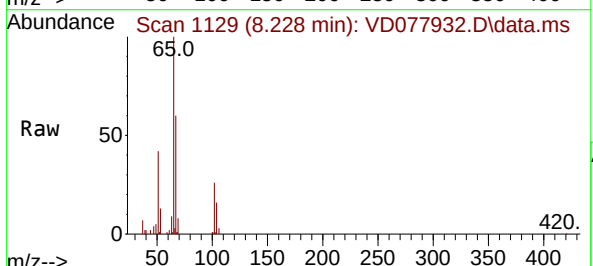
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20103

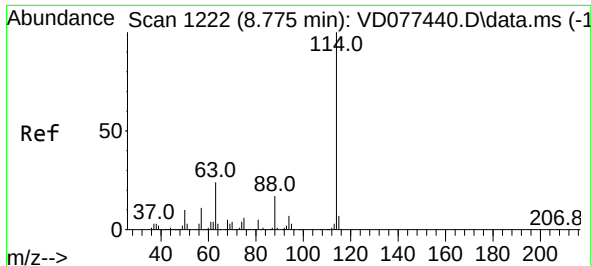
Tgt Ion:168 Resp: 165815
Ion Ratio Lower Upper
168 100
99 52.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.679 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077932.D
Acq: 16 Dec 2023 14:28

Tgt Ion: 65 Resp: 79482
Ion Ratio Lower Upper
65 100
67 56.7 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: VD077932.D

Acq: 16 Dec 2023 14:28

Instrument :

MSVOA_D

ClientSampleId :

CHRT-20103

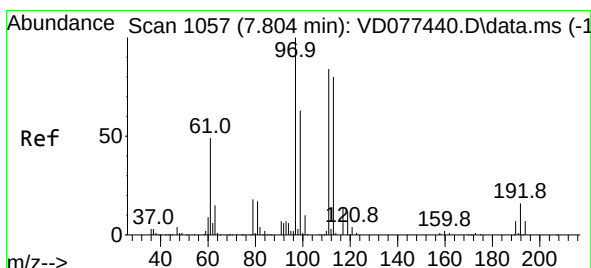
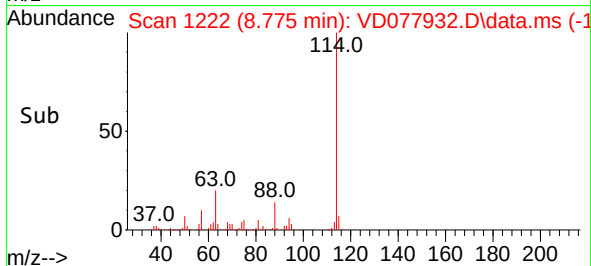
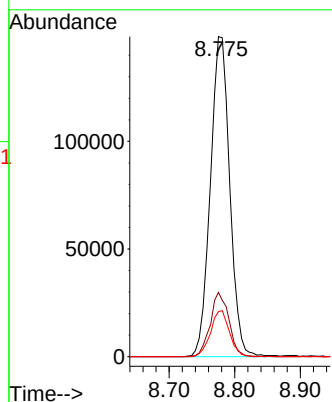
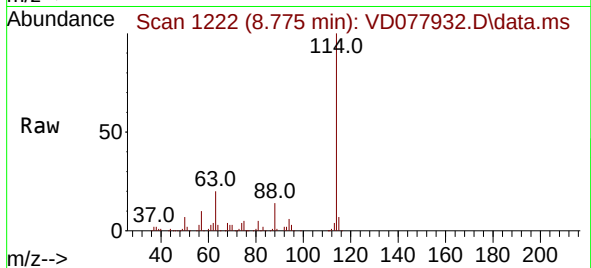
Tgt Ion:114 Resp: 305223

Ion Ratio Lower Upper

114 100

63 20.1 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.702 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077932.D

Acq: 16 Dec 2023 14:28

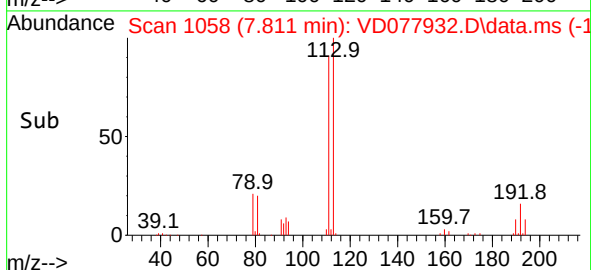
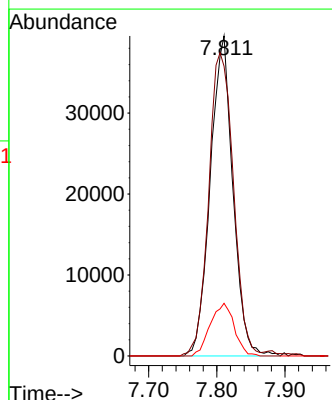
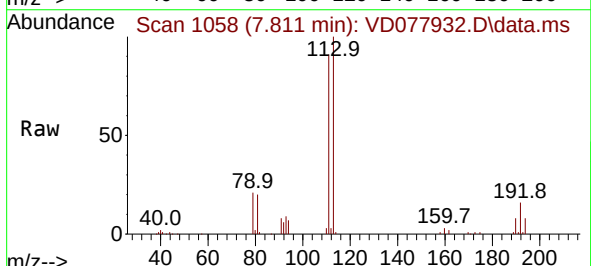
Tgt Ion:113 Resp: 91296

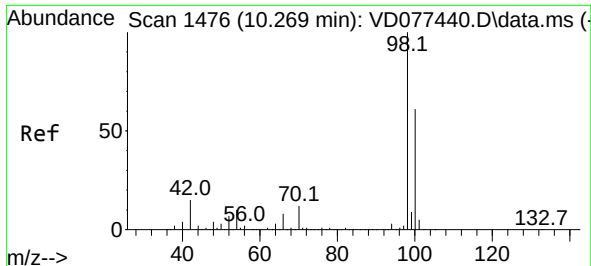
Ion Ratio Lower Upper

113 100

111 103.4 84.7 127.1

192 17.4 16.8 25.2

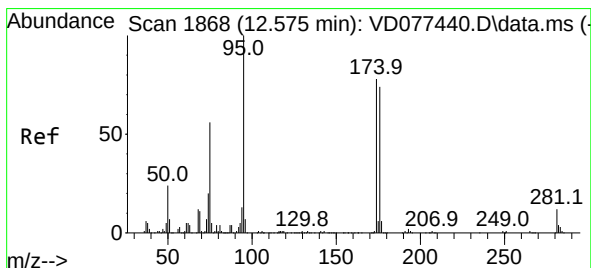
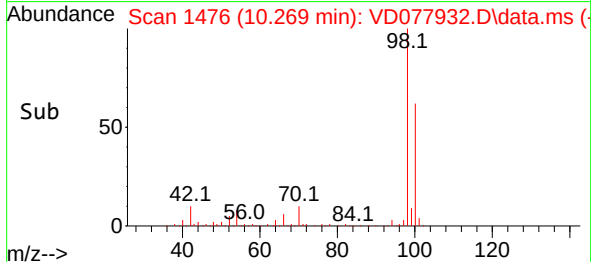
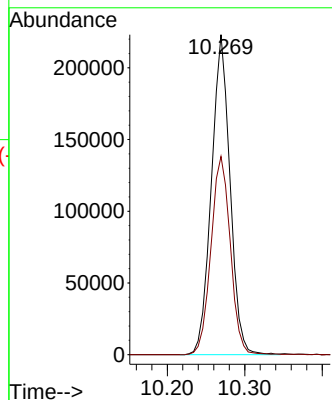
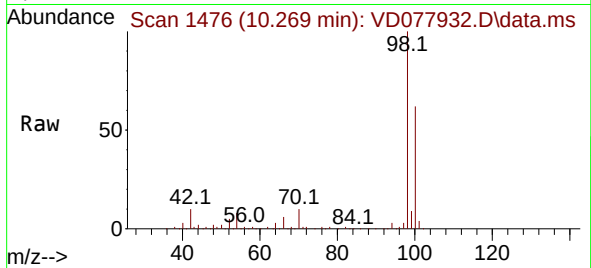




#50
Toluene-d8
Concen: 43.487 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077932.D
Acq: 16 Dec 2023 14:28

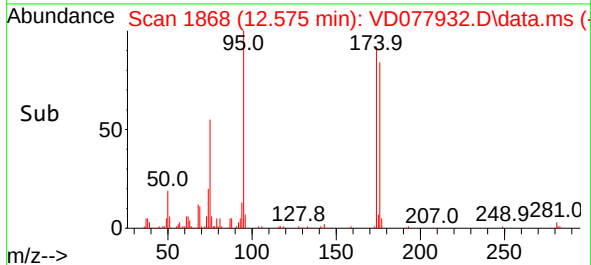
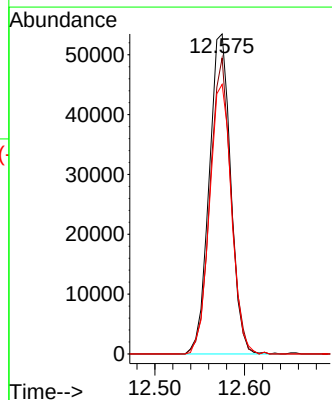
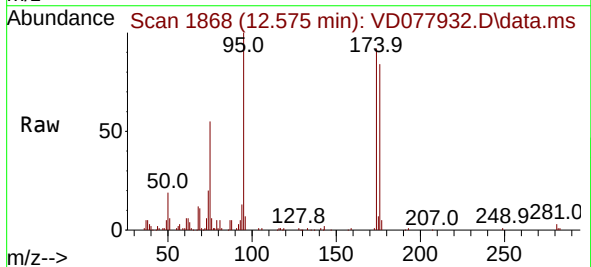
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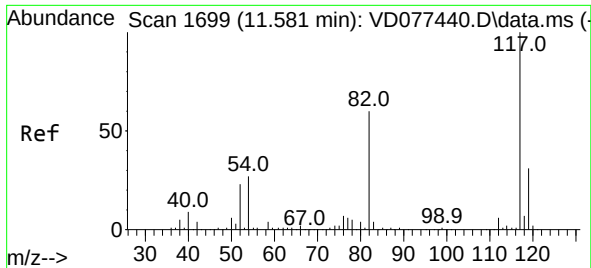
Tgt Ion: 98 Resp: 372377
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 34.749 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077932.D
Acq: 16 Dec 2023 14:28

Tgt Ion: 95 Resp: 88960
Ion Ratio Lower Upper
95 100
174 90.0 0.0 201.8
176 86.5 0.0 191.8

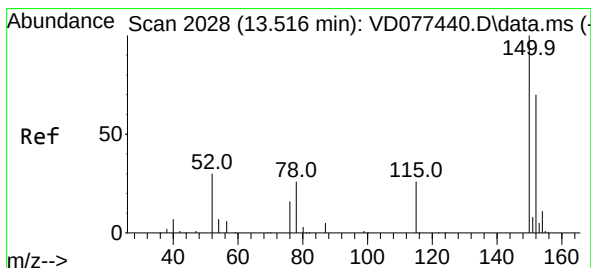
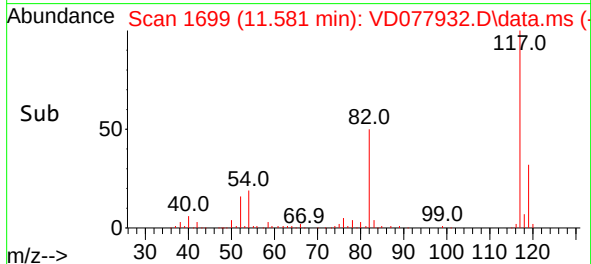
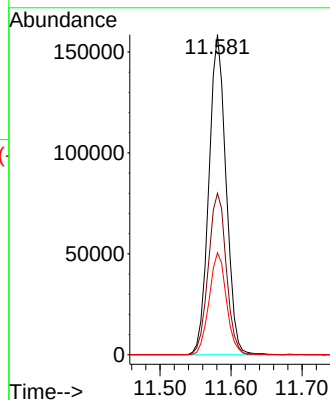
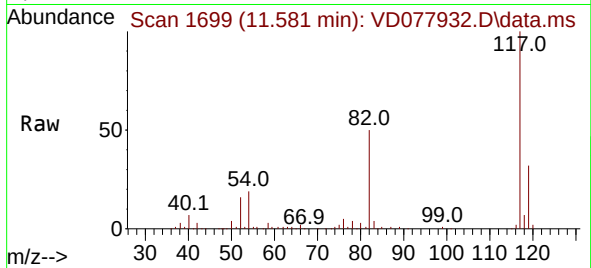




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077932.D
Acq: 16 Dec 2023 14:28

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20103

Tgt Ion:117 Resp: 266287
Ion Ratio Lower Upper
117 100
82 50.4 38.3 57.5
119 31.9 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: VD077932.D
Acq: 16 Dec 2023 14:28

Tgt Ion:152 Resp: 83395
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 160.0 0.0 353.6

