

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074808.D
 Acq On : 08 Nov 2022 17:25
 Operator : VA/SY
 Sample : N5494-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18

Quant Time: Nov 08 23:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	36127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	68981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	71451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	34975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31643	110.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	221.180%#
35) Dibromofluoromethane	7.805	113	31112	76.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	152.500%#
50) Toluene-d8	10.269	98	85937	57.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.480%
62) 4-Bromofluorobenzene	12.569	95	29758	69.243	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.480%

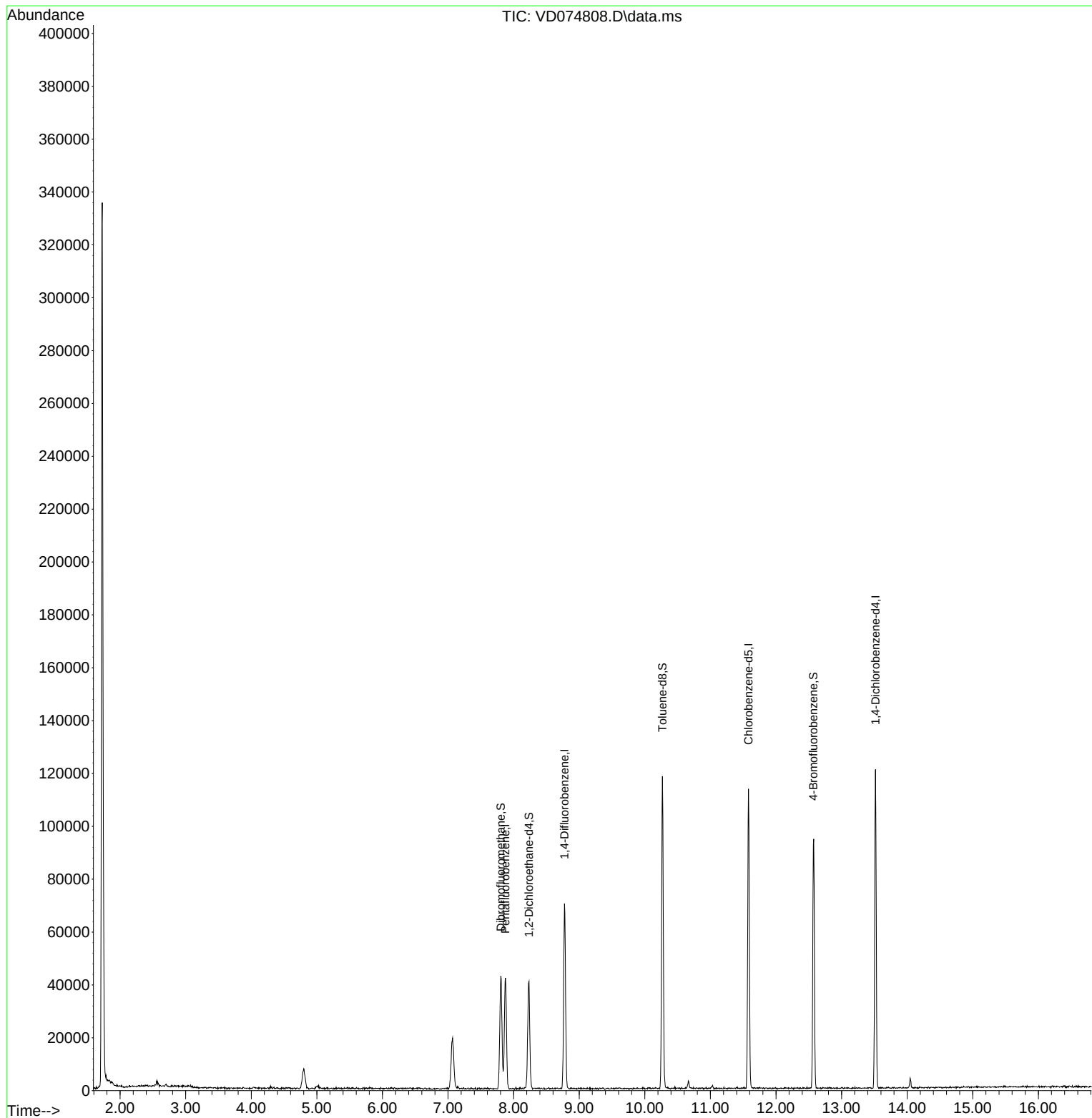
Target Compounds	Qvalue

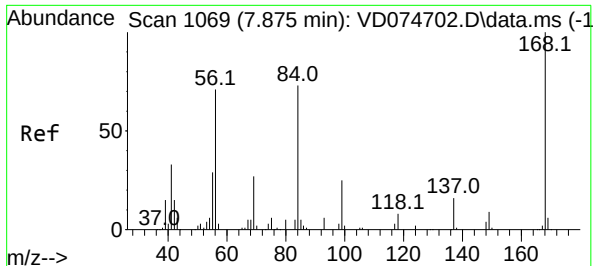
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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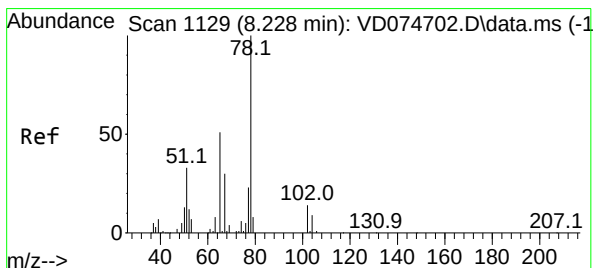
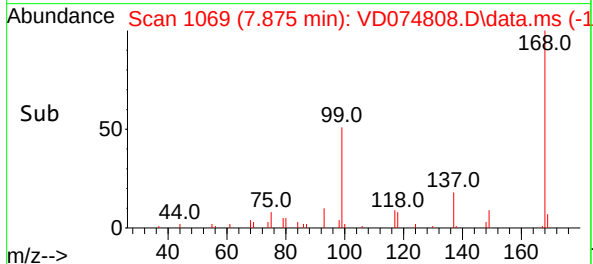
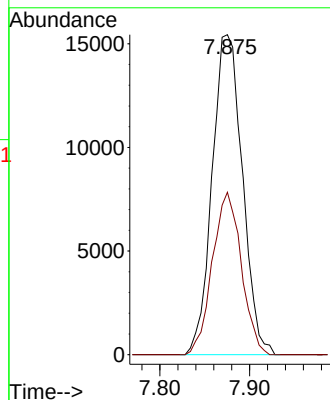
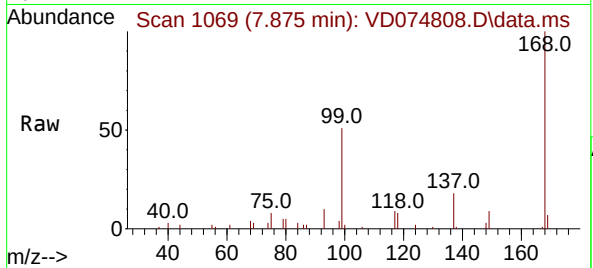




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

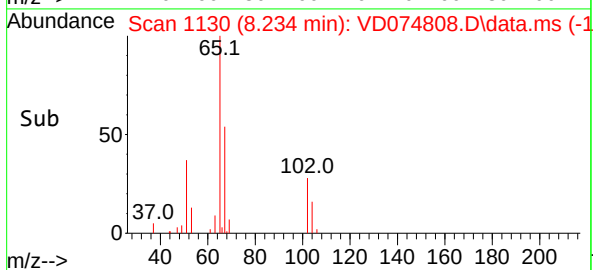
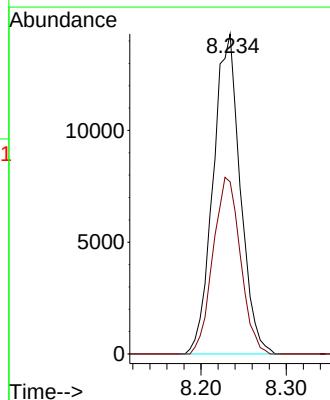
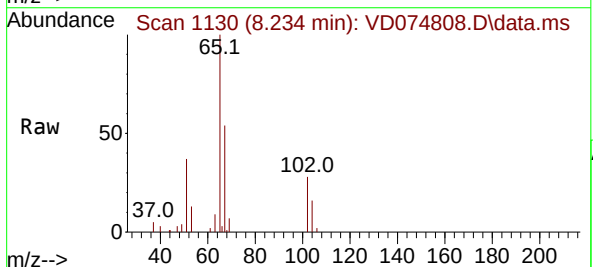
Instrument :
MSVOA_D
ClientSampleId :
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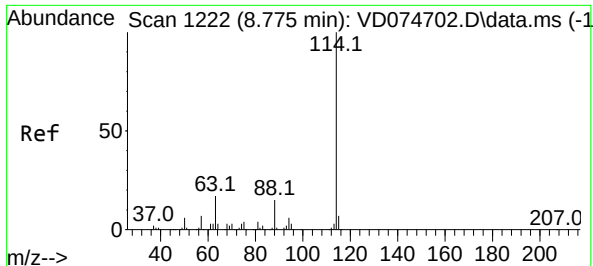
Tgt Ion:168 Resp: 36127
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 110.588 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Tgt Ion: 65 Resp: 31643
Ion Ratio Lower Upper
65 100
67 55.8 0.0 110.2

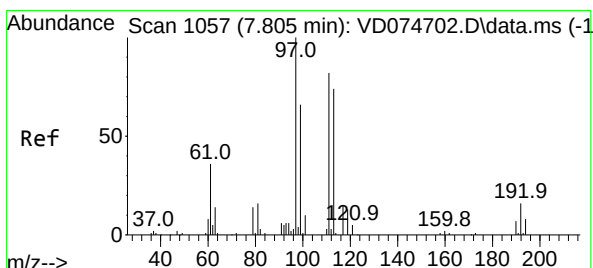
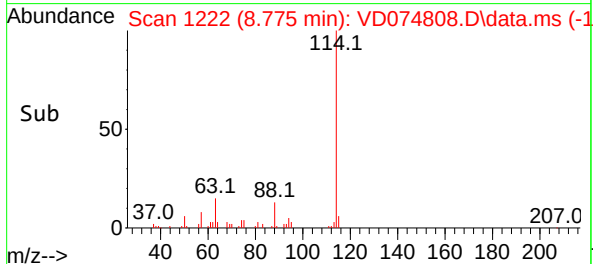
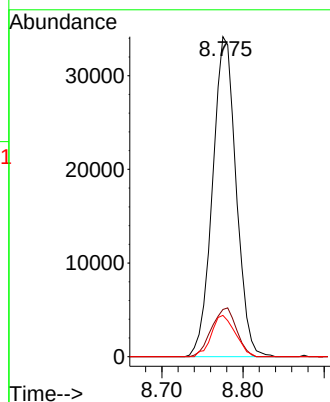
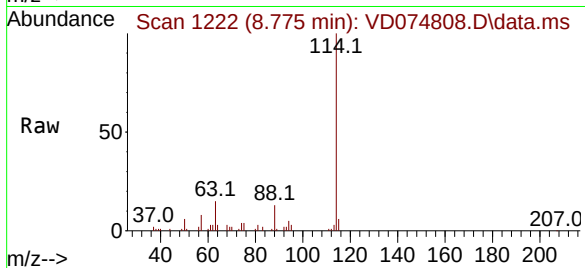




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

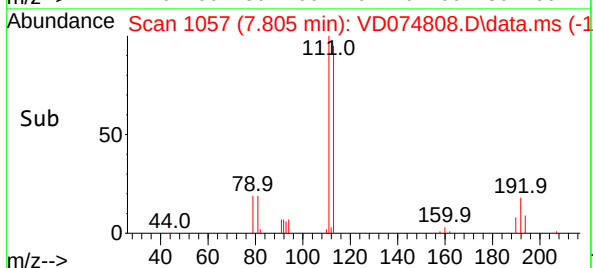
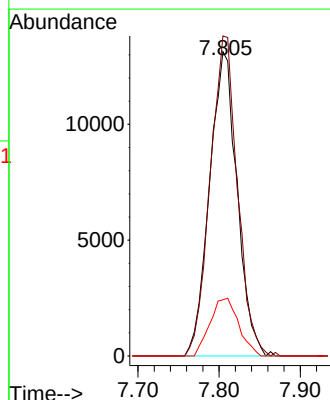
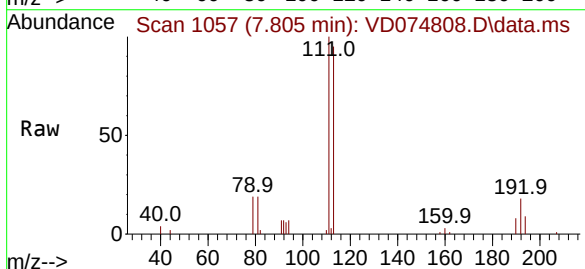
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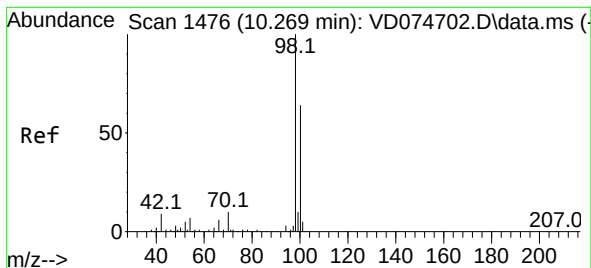
Tgt Ion:	114	Resp:	68981
Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	33.2
88	12.9	0.0	28.2



#35
Dibromofluoromethane
Concen: 76.245 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Tgt Ion:	113	Resp:	31112
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	19.6	16.4	24.6

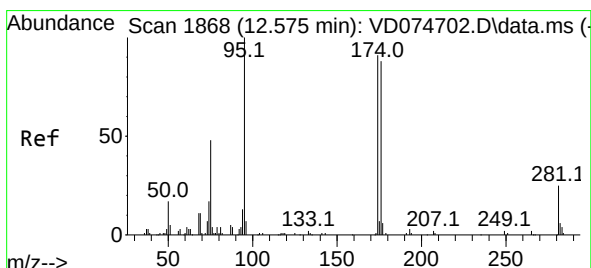
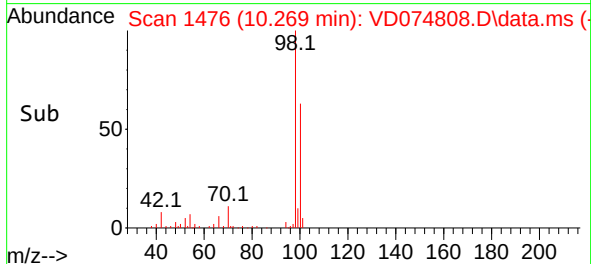
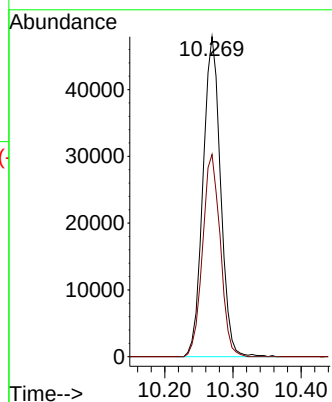
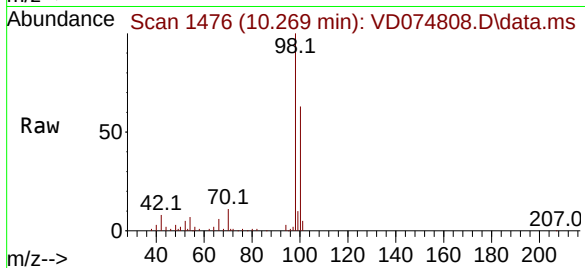




#50
Toluene-d8
Concen: 57.736 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

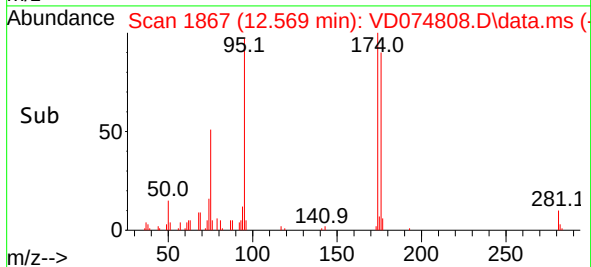
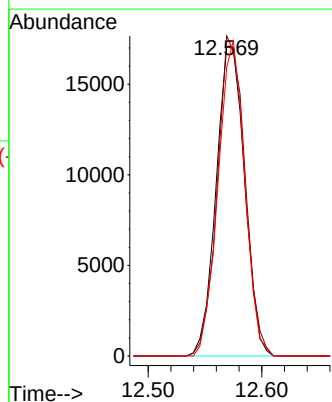
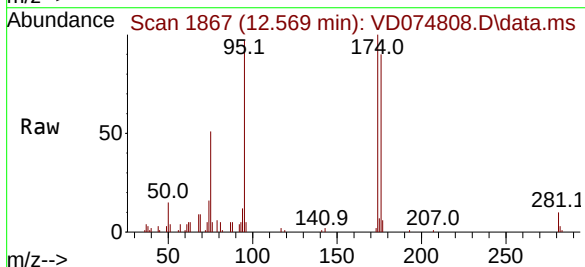
Instrument :
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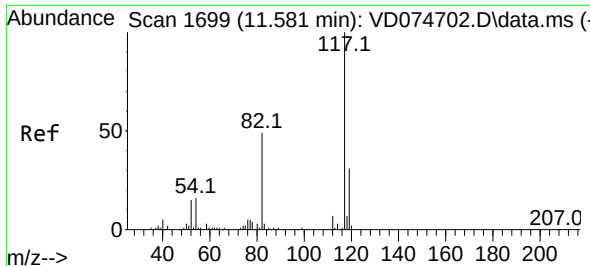
Tgt Ion: 98 Resp: 85937
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 69.243 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Tgt Ion: 95 Resp: 29758
Ion Ratio Lower Upper
95 100
174 100.1 0.0 197.0
176 95.2 0.0 182.6

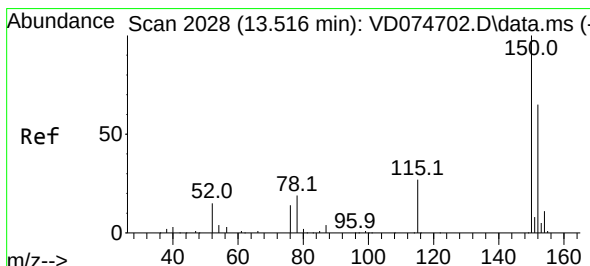
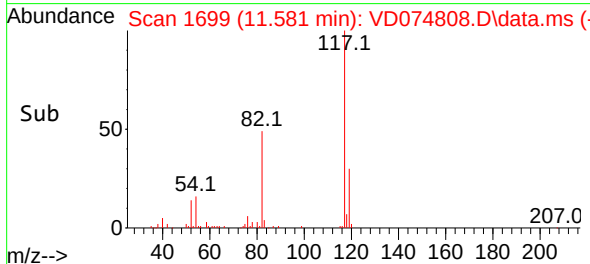
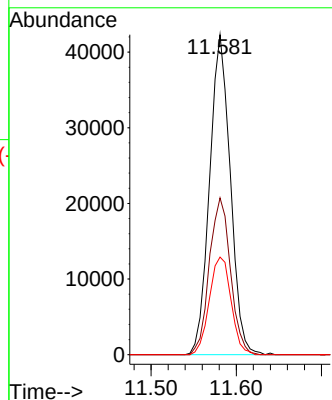
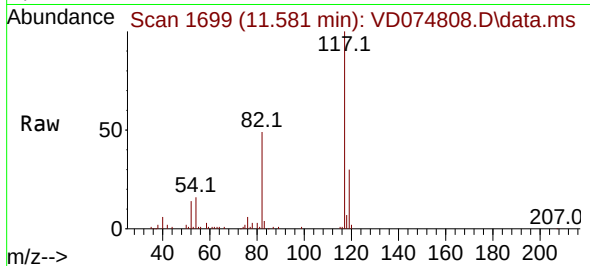




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Instrument :
MSVOA_D
ClientSampleId :
SB-18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.0	41.6	62.4
119	30.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074808.D
Acq: 08 Nov 2022 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	26.8	80.4
150	160.2	0.0	348.2

