

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074561.D
 Acq On : 18 Oct 2022 13:03
 Operator : VA/SY
 Sample : N5160-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-1-101422

Quant Time: Oct 19 01:31:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	201393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54177	53.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.780%
35) Dibromofluoromethane	7.804	113	69052	57.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.640%
50) Toluene-d8	10.269	98	257821	55.717	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.440%
62) 4-Bromofluorobenzene	12.575	95	64133	44.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.420%

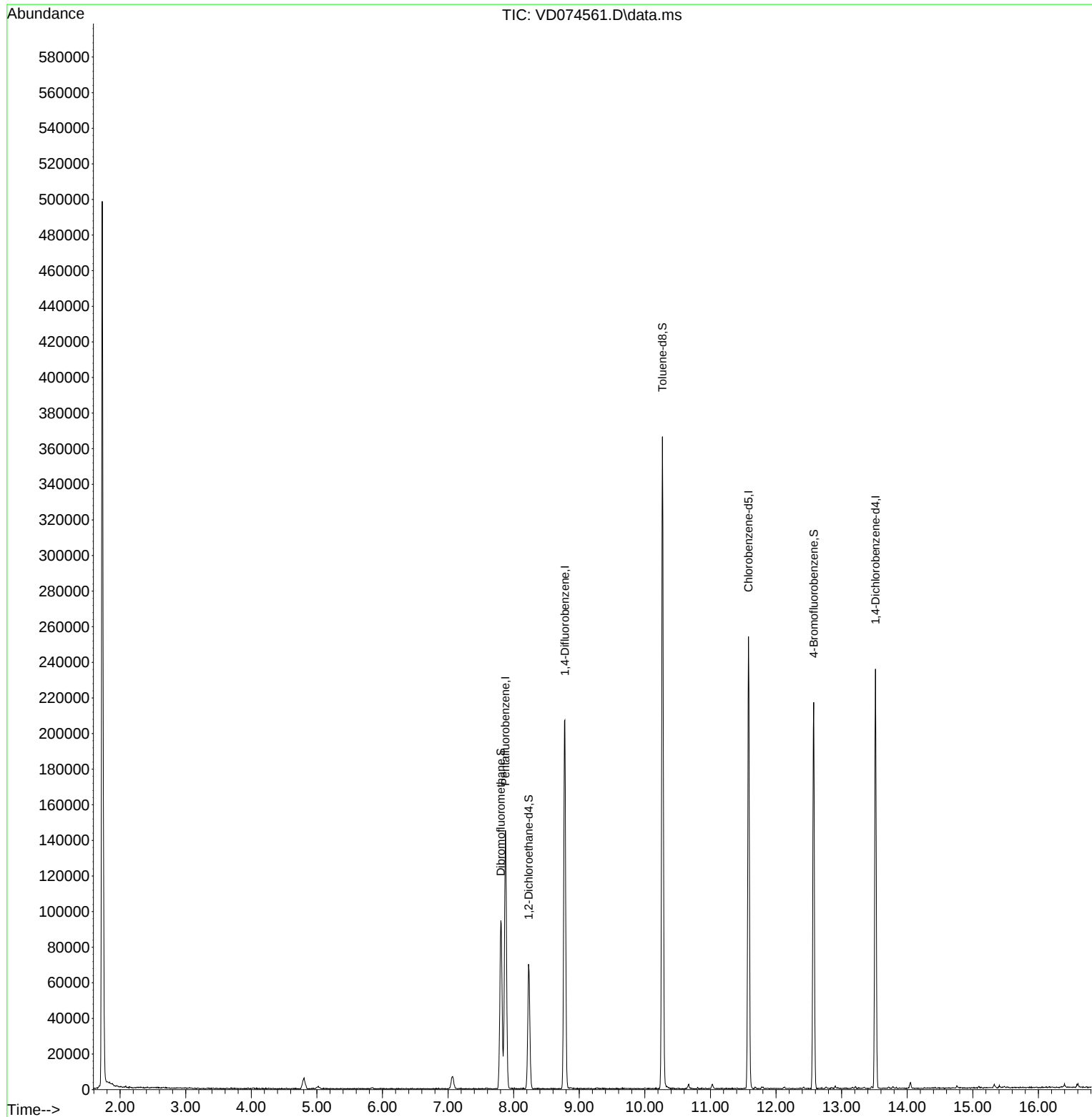
Target Compounds	Qvalue

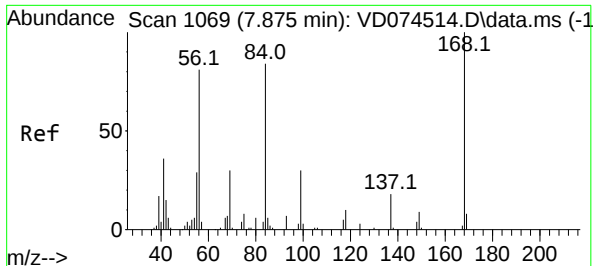
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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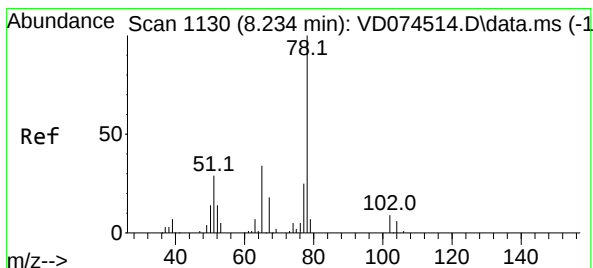
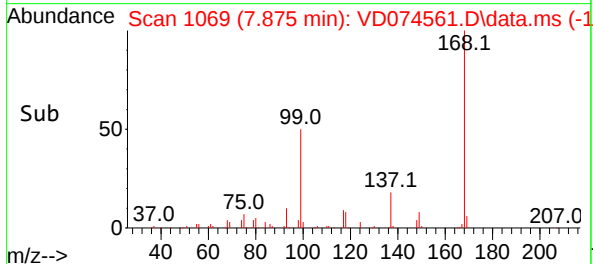
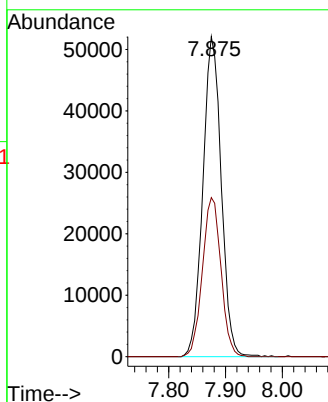
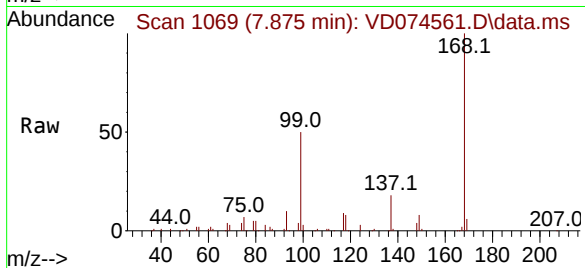




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

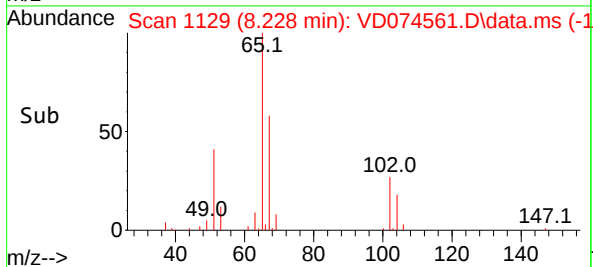
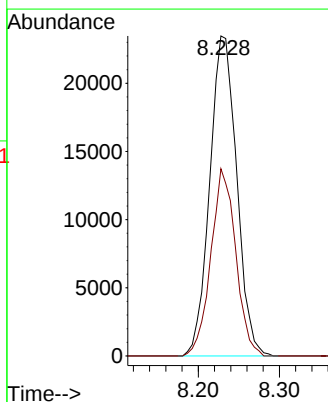
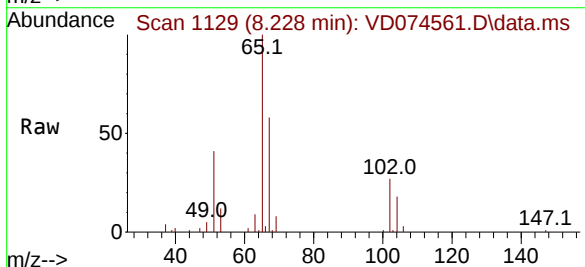
Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

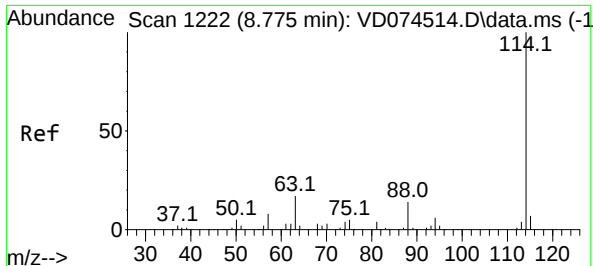
Tgt Ion:168 Resp: 116795
Ion Ratio Lower Upper
168 100
99 49.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 53.890 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Tgt Ion: 65 Resp: 54177
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074561.D

Acq: 18 Oct 2022 13:03

Instrument :

MSVOA_D

ClientSampleId :

HD-1-101422

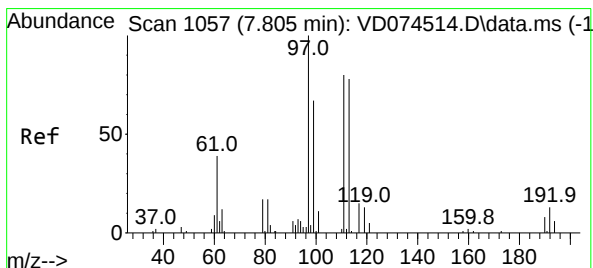
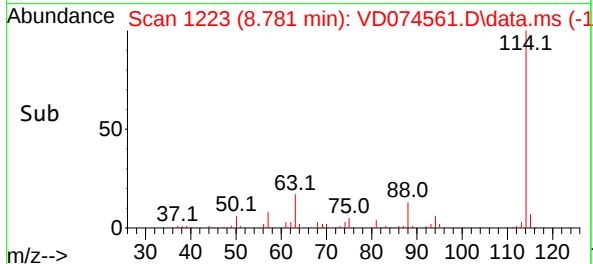
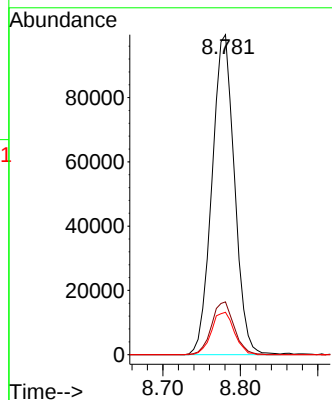
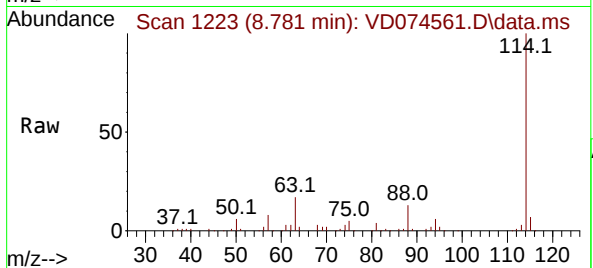
Tgt Ion:114 Resp: 201393

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.325 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074561.D

Acq: 18 Oct 2022 13:03

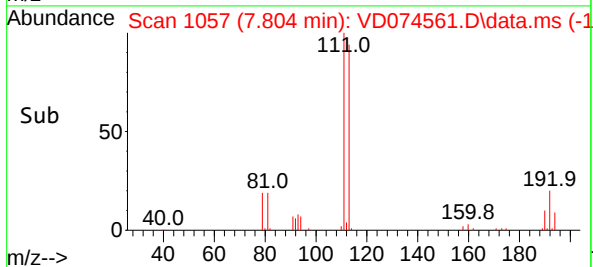
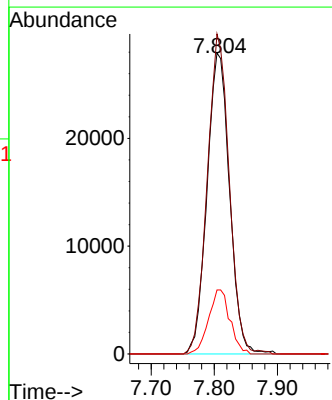
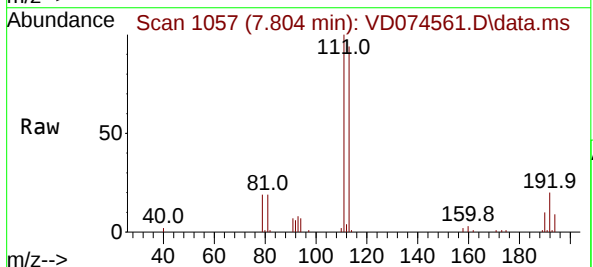
Tgt Ion:113 Resp: 69052

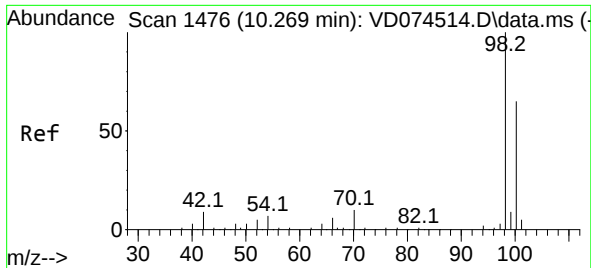
Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 20.2 16.4 24.6

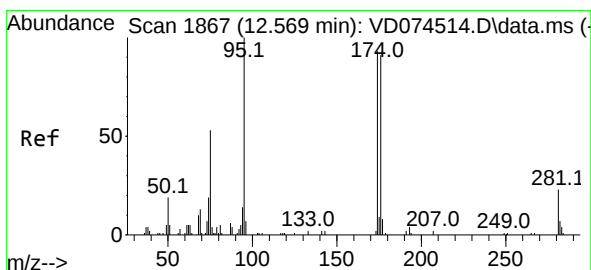
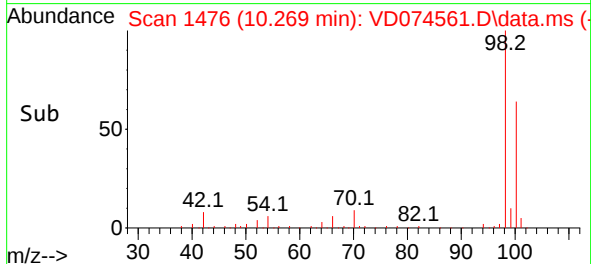
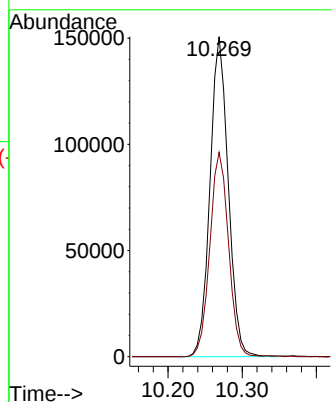
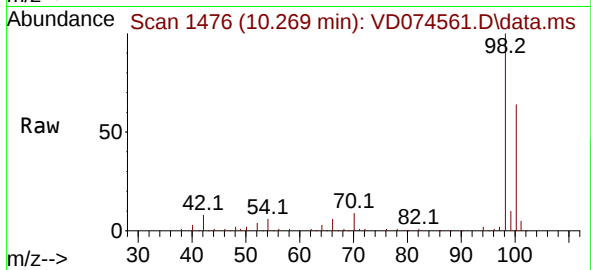




#50
Toluene-d8
Concen: 55.717 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

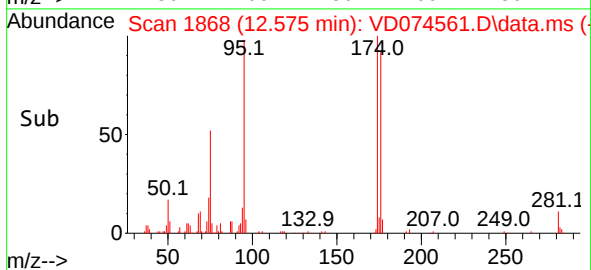
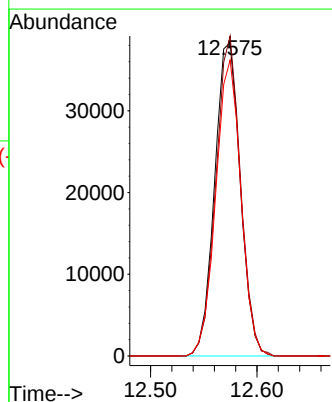
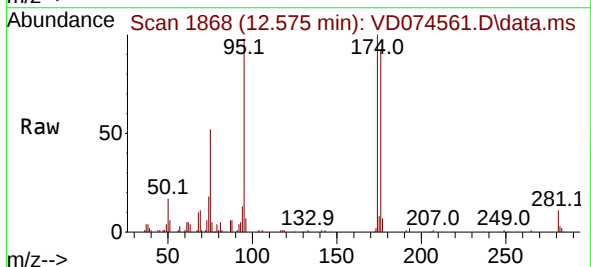
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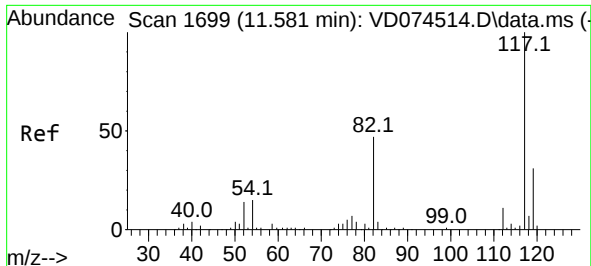
Tgt Ion: 98 Resp: 257821
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.709 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Tgt Ion: 95 Resp: 64133
Ion Ratio Lower Upper
95 100
174 98.2 0.0 197.0
176 92.5 0.0 182.6

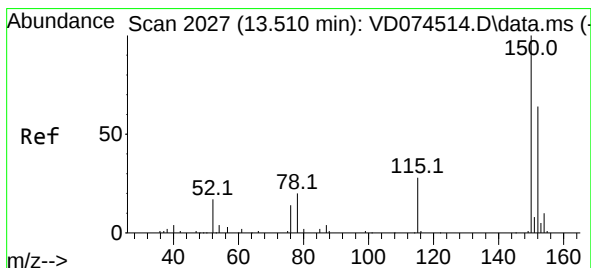
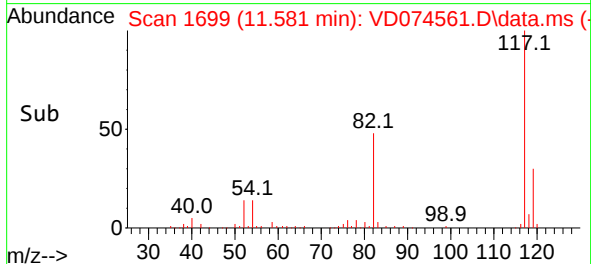
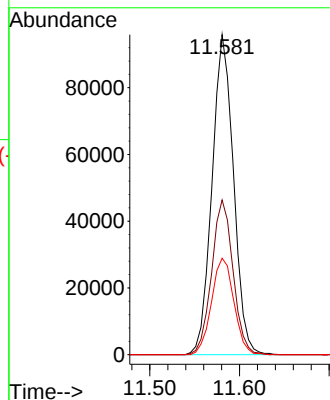
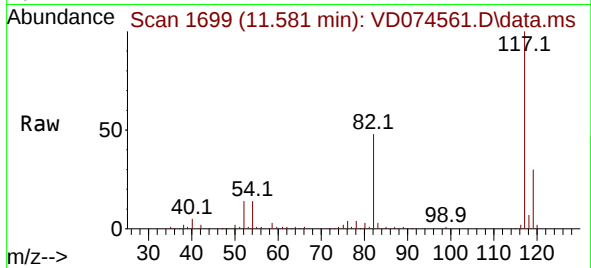




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

Tgt Ion:117 Resp: 159144
Ion Ratio Lower Upper
117 100
82 48.4 41.6 62.4
119 30.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Tgt Ion:152 Resp: 64940
Ion Ratio Lower Upper
152 100
115 56.0 26.8 80.4
150 161.1 0.0 348.2

