

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074472.D
 Acq On : 06 Oct 2022 18:00
 Operator : VA/SY
 Sample : N5014-09
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-2.0-3.0

Quant Time: Oct 07 01:27:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	86904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	151502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41865	54.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.440%
35) Dibromofluoromethane	7.799	113	52028	48.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.269	98	158179	40.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.620%
62) 4-Bromofluorobenzene	12.569	95	57933	47.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.340%

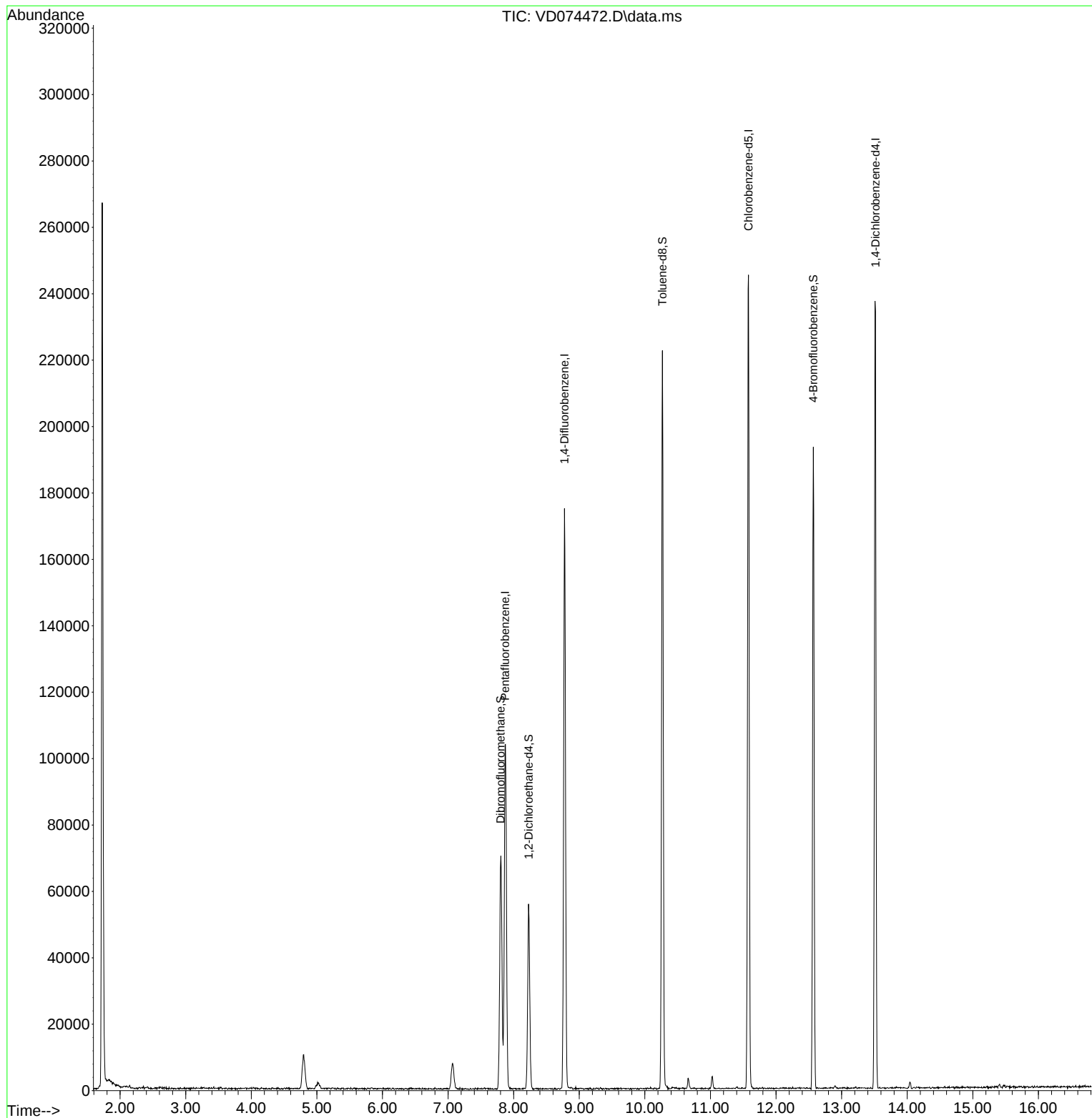
Target Compounds	Qvalue

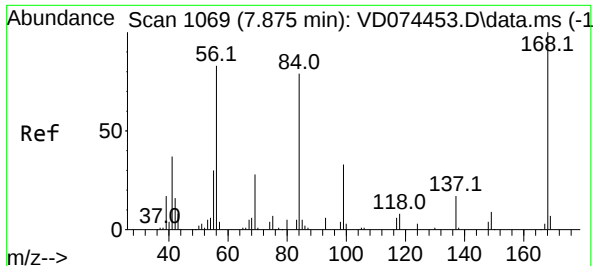
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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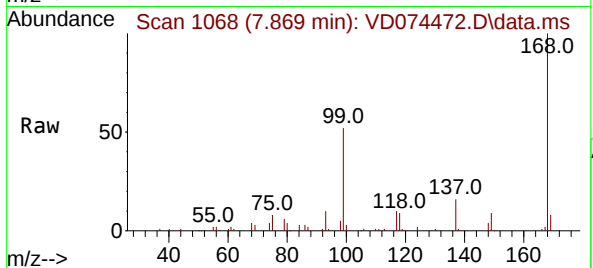
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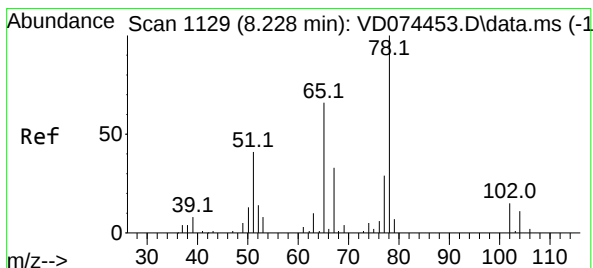
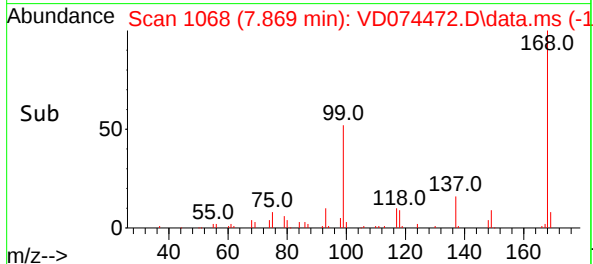
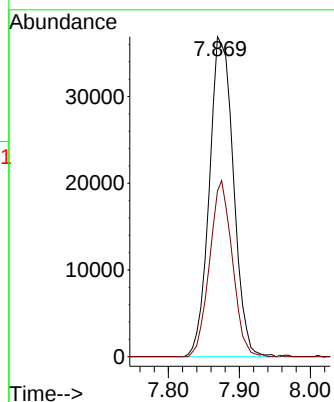


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Instrument :
MSVOA_D
ClientSampleId :
SB-09-2.0-3.0

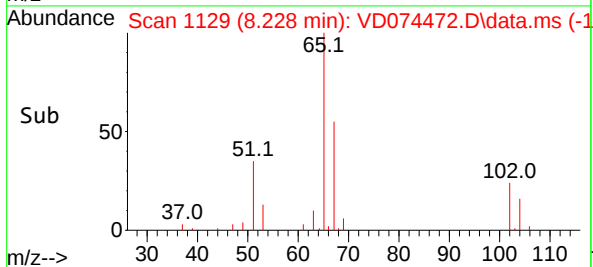
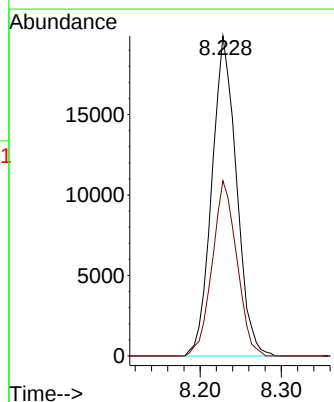
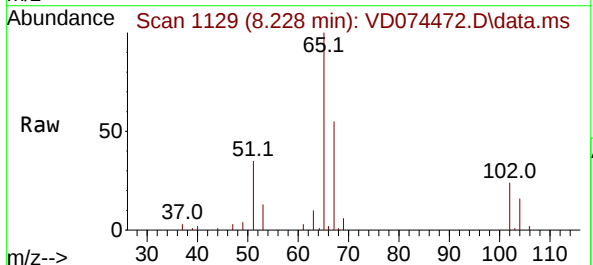


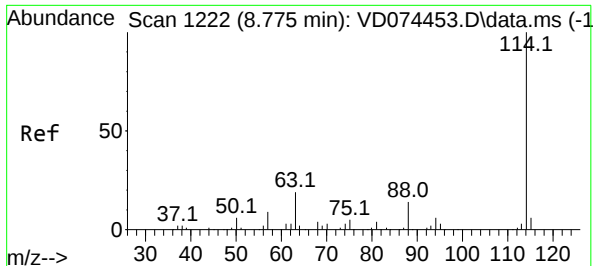
Tgt Ion:168 Resp: 86904
Ion Ratio Lower Upper
168 100
99 51.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 54.221 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Tgt Ion: 65 Resp: 41865
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074472.D

Acq: 06 Oct 2022 18:00

Instrument :

MSVOA_D

ClientSampleId :

SB-09-2.0-3.0

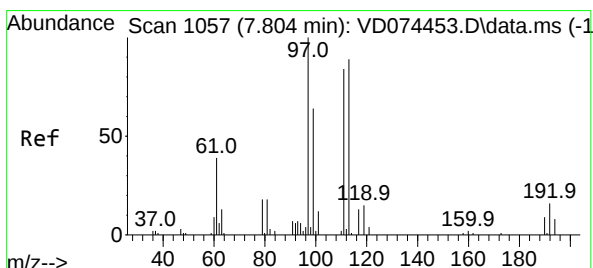
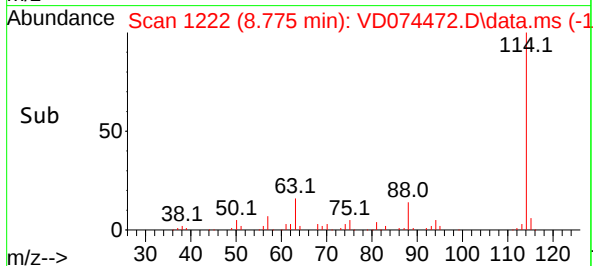
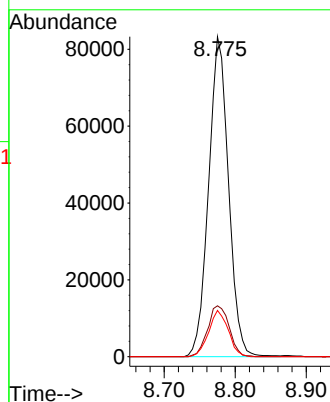
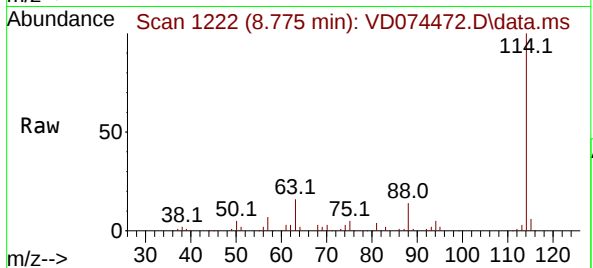
Tgt Ion:114 Resp: 162301

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 48.614 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD074472.D

Acq: 06 Oct 2022 18:00

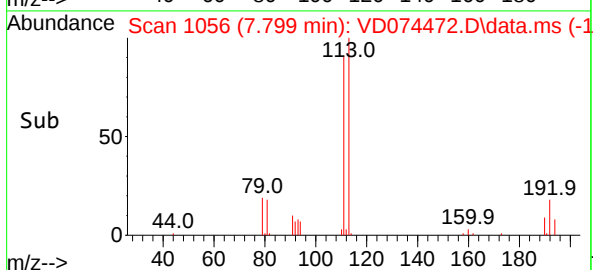
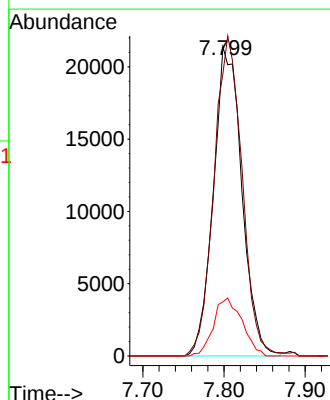
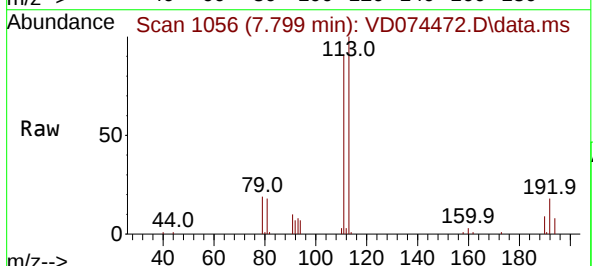
Tgt Ion:113 Resp: 52028

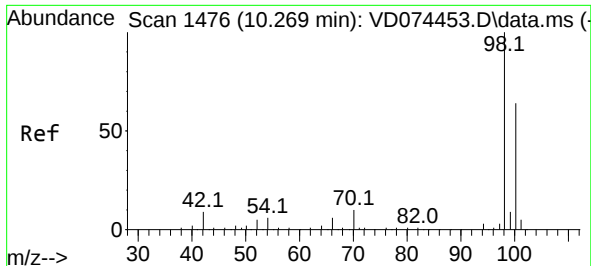
Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

192 18.8 16.4 24.6

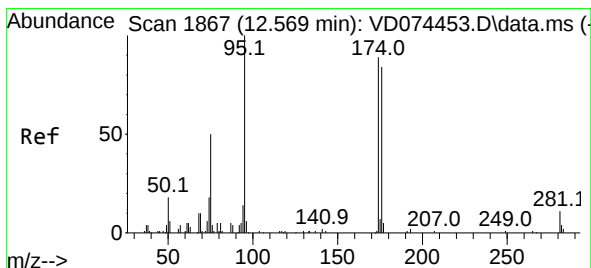
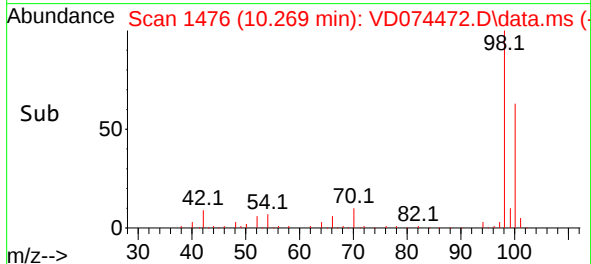
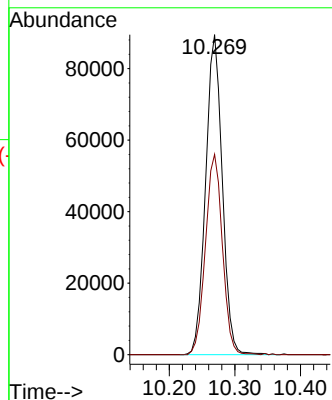
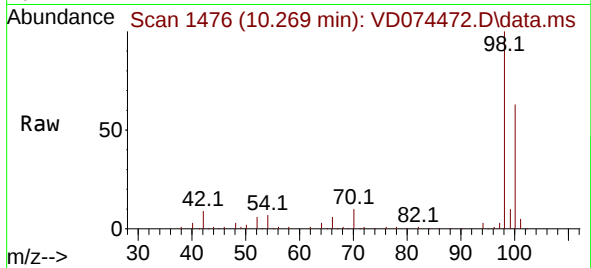




#50
Toluene-d8
Concen: 40.810 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

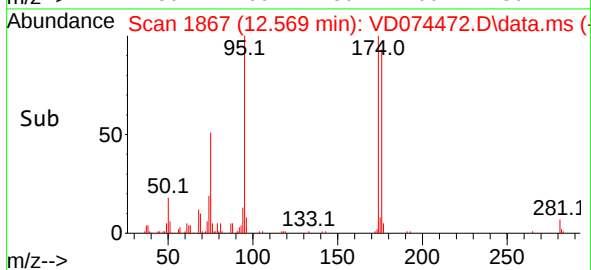
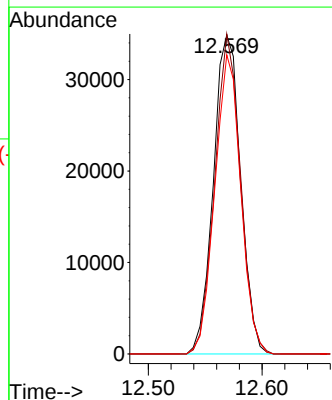
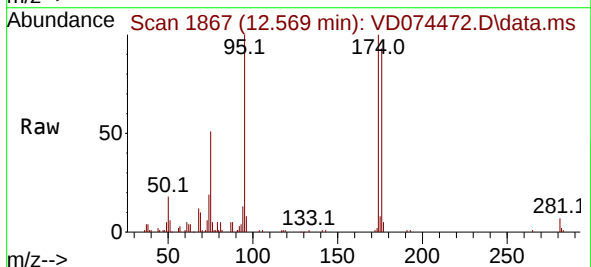
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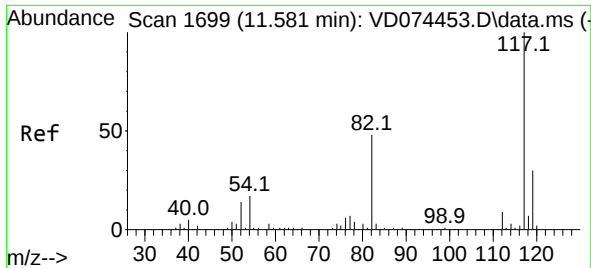
Tgt Ion: 98 Resp: 158179
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.669 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Tgt Ion: 95 Resp: 57933
Ion Ratio Lower Upper
95 100
174 94.9 0.0 197.0
176 89.6 0.0 182.6

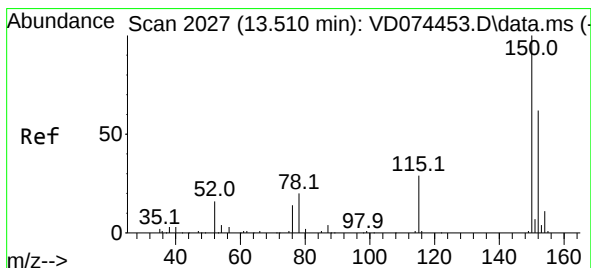
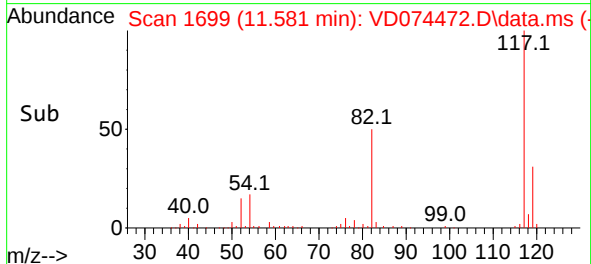
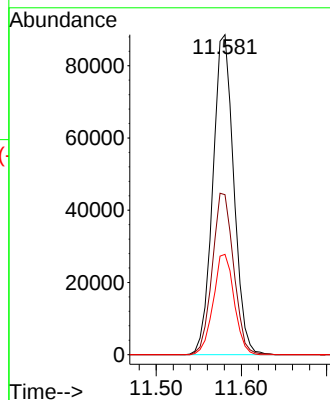
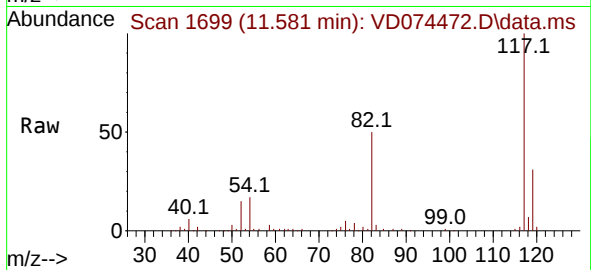




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074472.D
Acq: 06 Oct 2022 18:00

Instrument :
MSVOA_D
ClientSampleId :
SB-09-2.0-3.0

Tgt Ion:117 Resp: 151502
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 31.3 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: VD074472.D
Acq: 06 Oct 2022 18:00

Tgt Ion:152 Resp: 68215
Ion Ratio Lower Upper
152 100
115 55.8 26.8 80.4
150 157.7 0.0 348.2

