

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074476.D
 Acq On : 06 Oct 2022 19:52
 Operator : VA/SY
 Sample : N5014-14
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Oct 07 01:27:50 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	7.875	168	36603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	72078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	73276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33174	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25794	79.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.640%
35) Dibromofluoromethane	7.804	113	26238	55.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.400%
50) Toluene-d8	10.269	98	69587	40.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.880%
62) 4-Bromofluorobenzene	12.569	95	27299	51.010	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.020%

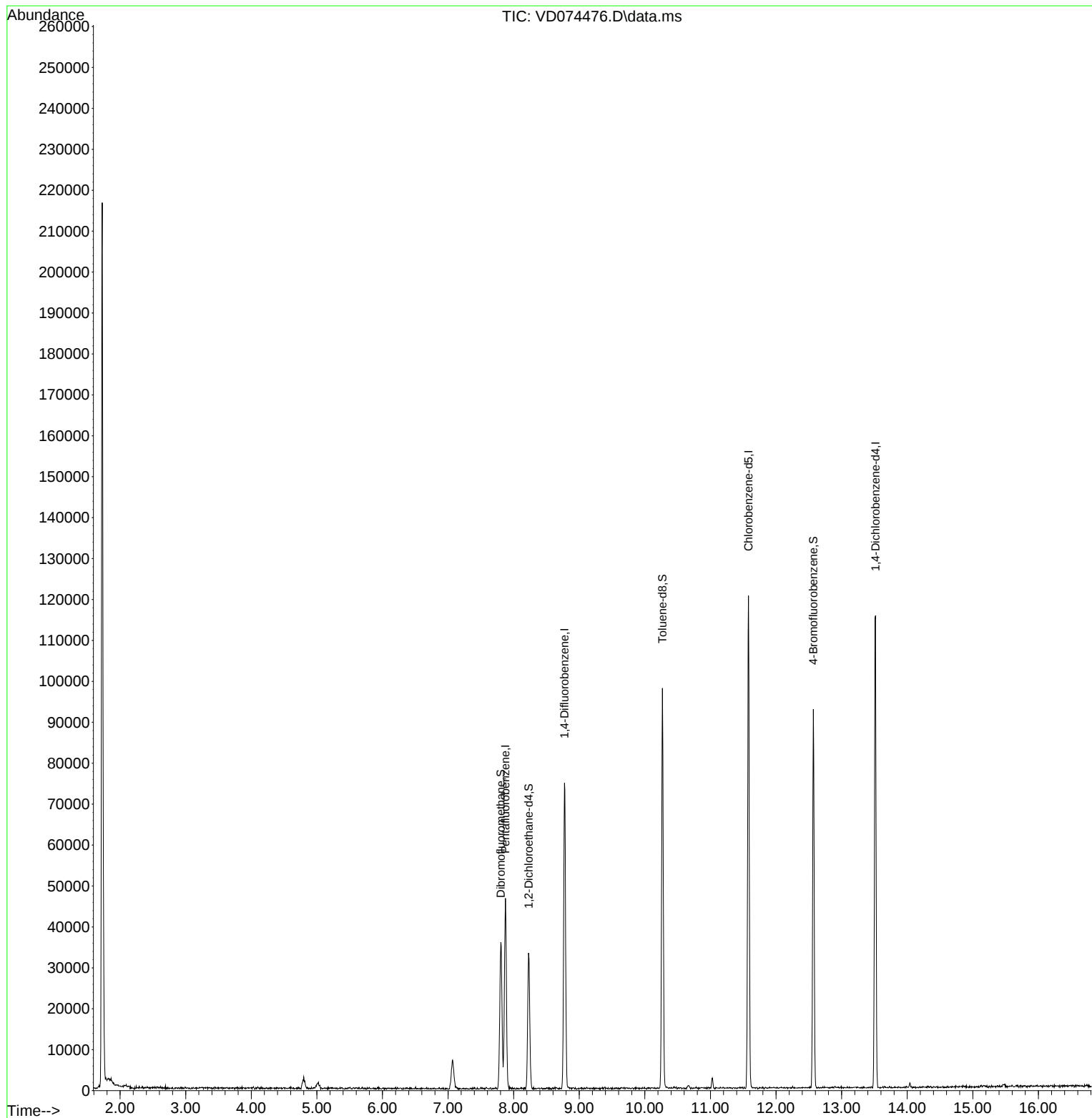
Target Compounds	Qvalue

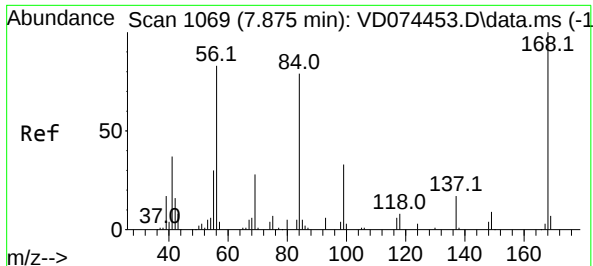
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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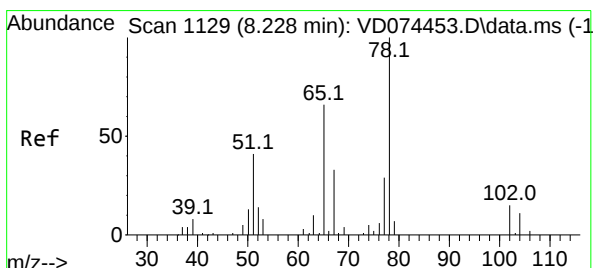
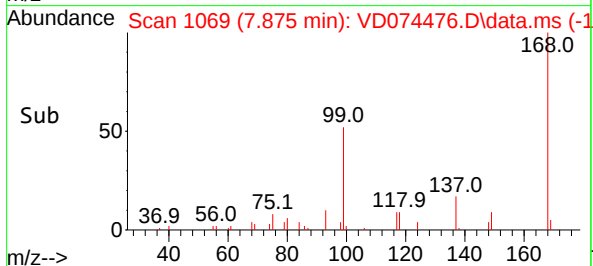
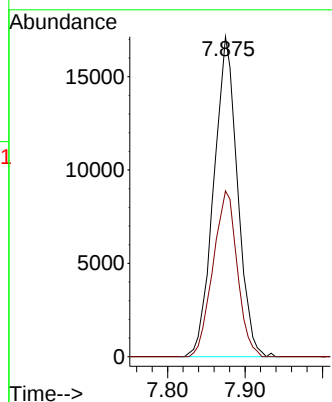
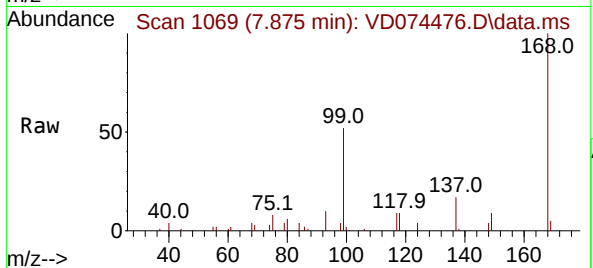




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

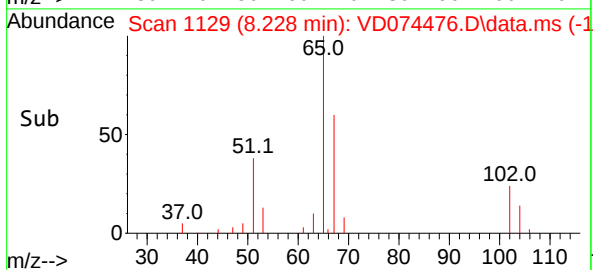
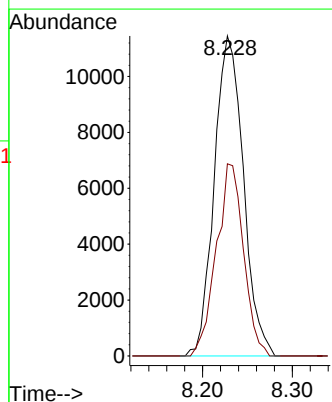
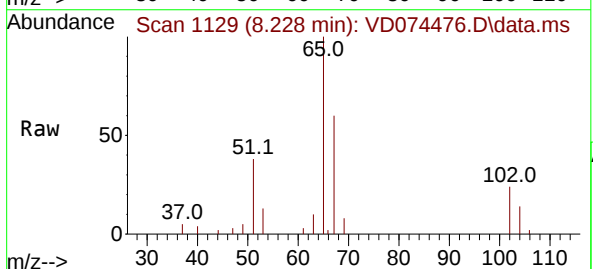
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

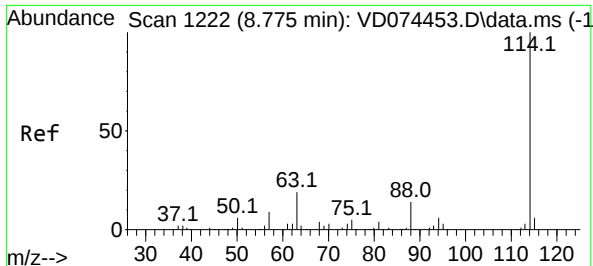
Tgt Ion:168 Resp: 36603
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 79.316 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Tgt Ion: 65 Resp: 25794
Ion Ratio Lower Upper
65 100
67 56.1 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: VD074476.D

Acq: 06 Oct 2022 19:52

Instrument :

MSVOA_D

ClientSampleId :

SB-02-0-2.0

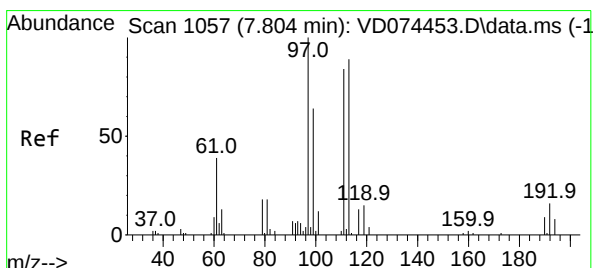
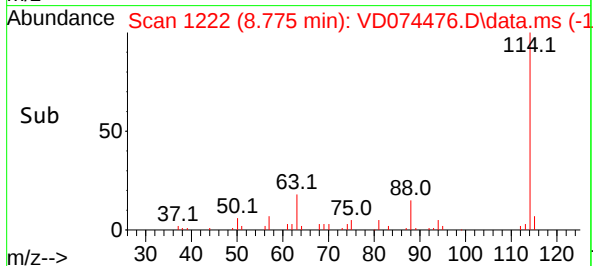
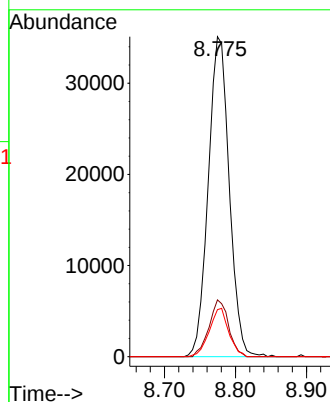
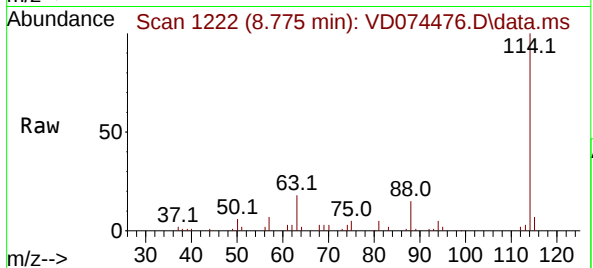
Tgt Ion:114 Resp: 72078

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.2

88 14.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.204 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074476.D

Acq: 06 Oct 2022 19:52

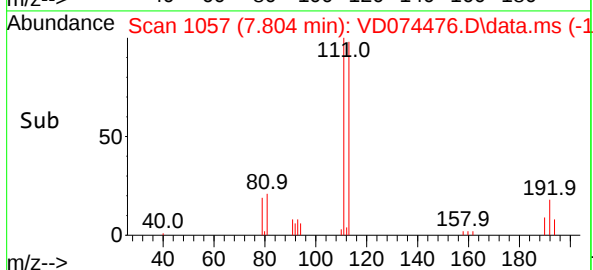
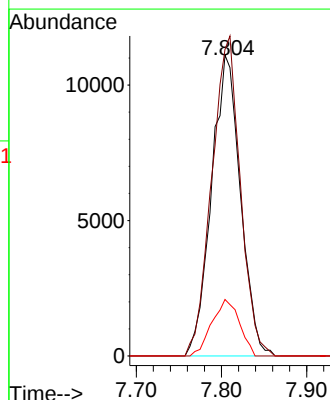
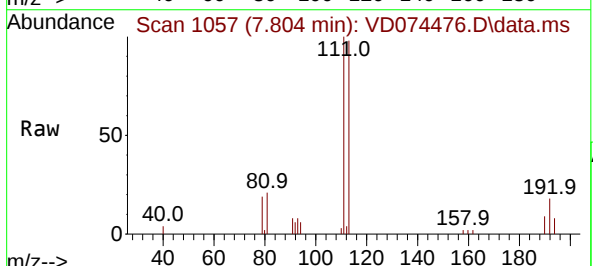
Tgt Ion:113 Resp: 26238

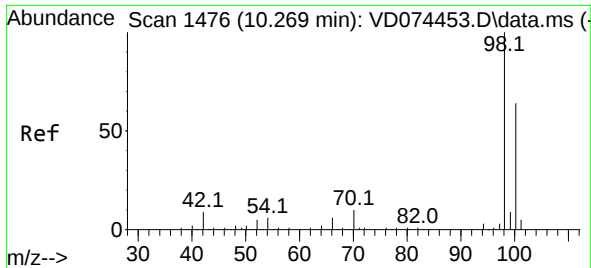
Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

192 17.8 16.4 24.6

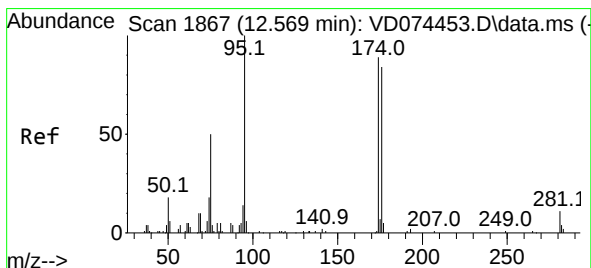
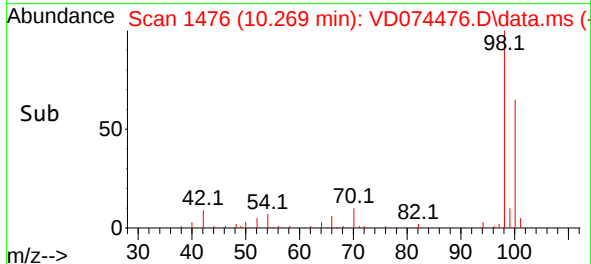
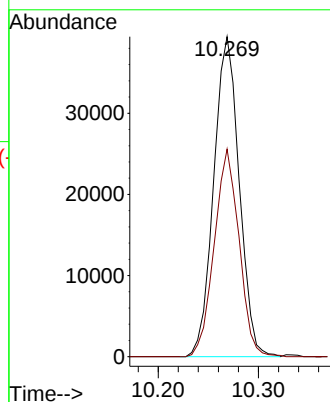
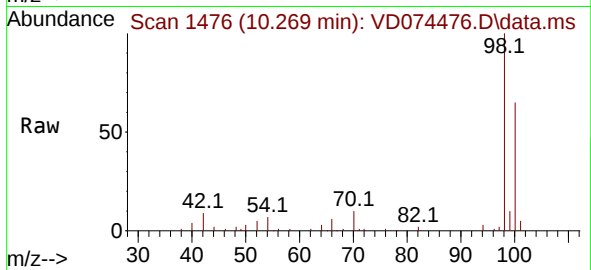




#50
Toluene-d8
Concen: 40.443 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

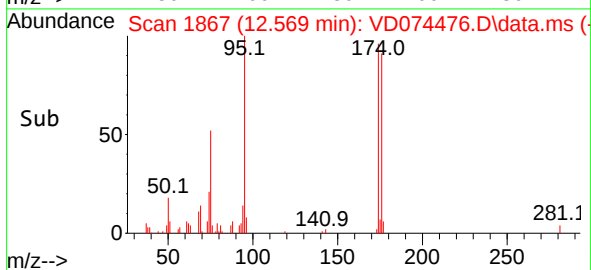
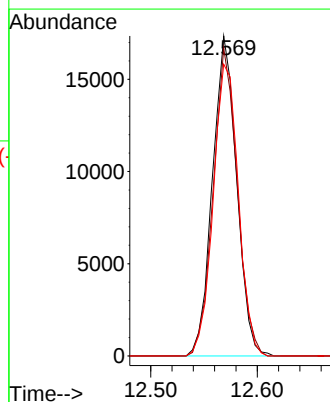
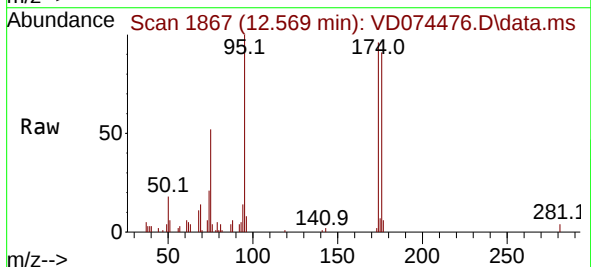
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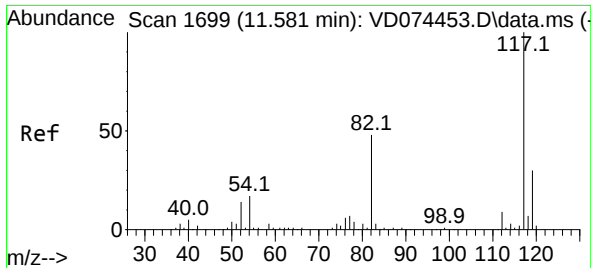
Tgt Ion: 98 Resp: 69587
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.010 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Tgt Ion: 95 Resp: 27299
Ion Ratio Lower Upper
95 100
174 95.8 0.0 197.0
176 95.0 0.0 182.6

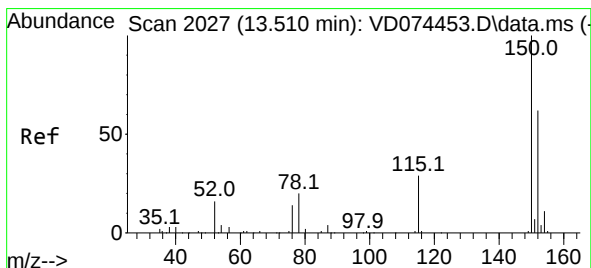
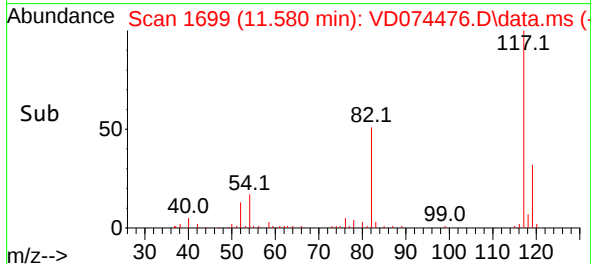
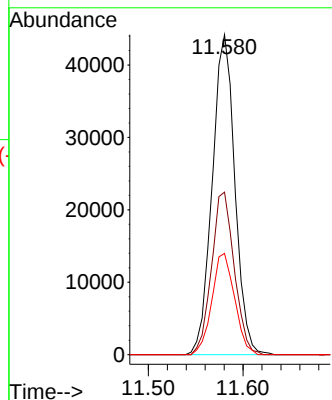
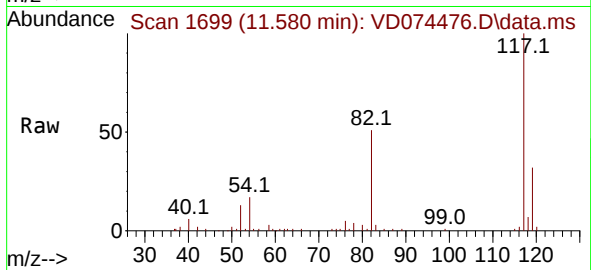




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

Tgt Ion:117 Resp: 73276
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.005 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Tgt Ion:152 Resp: 33174
Ion Ratio Lower Upper
152 100
115 55.0 26.8 80.4
150 160.9 0.0 348.2

