

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074552.D
 Acq On : 17 Oct 2022 18:43
 Operator : VA/SY
 Sample : N5140-11
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-3.5-4.0

Quant Time: Oct 17 23:10:08 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	100157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	177905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	155587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48276	55.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.804	113	58866	55.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.440%
50) Toluene-d8	10.269	98	226594	55.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.880%
62) 4-Bromofluorobenzene	12.569	95	58657	46.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.020%

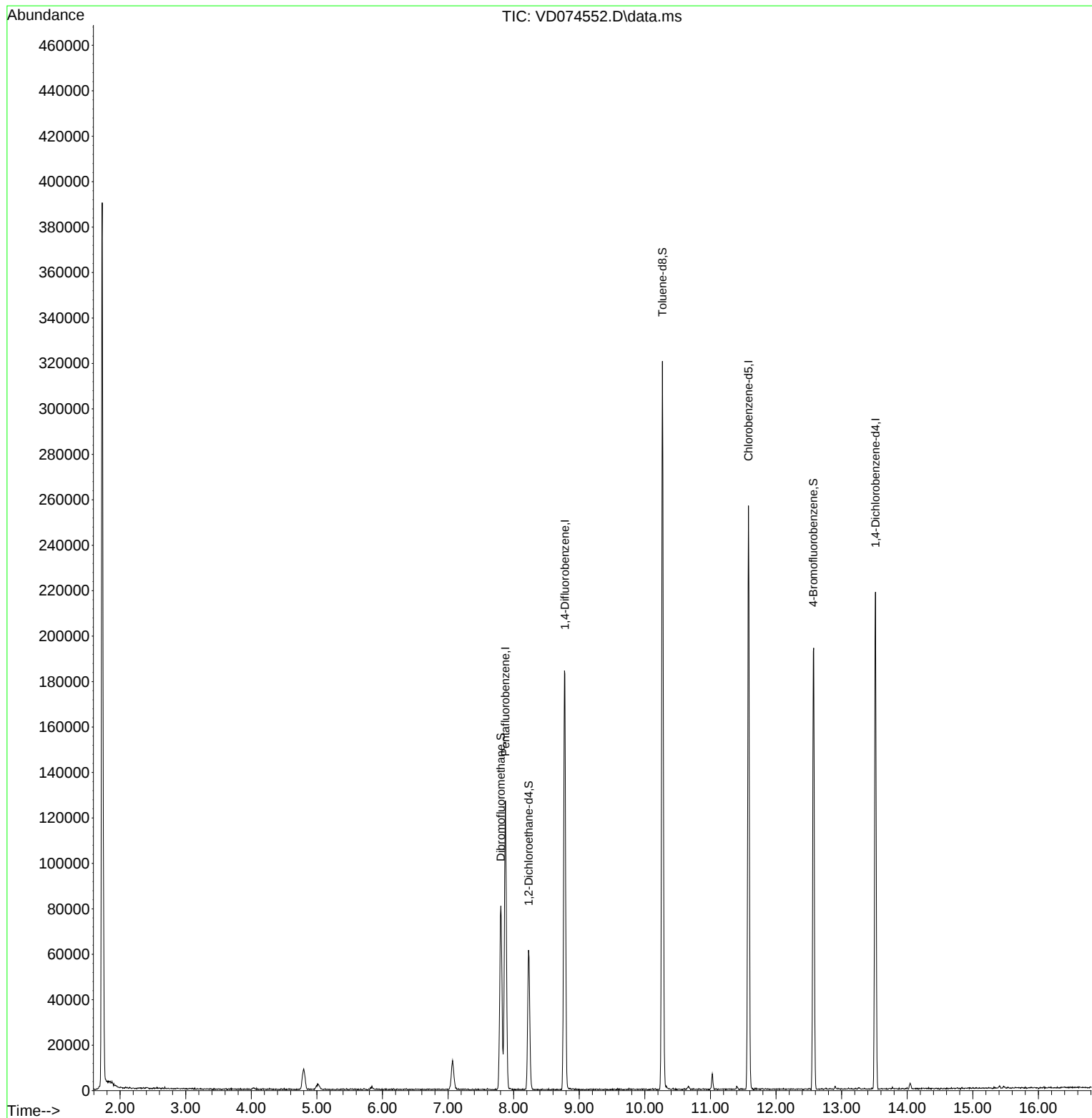
Target Compounds	Qvalue

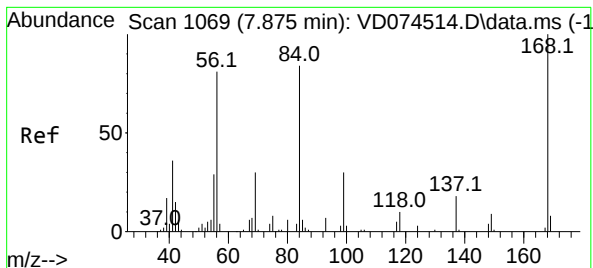
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

ClientSampleId :

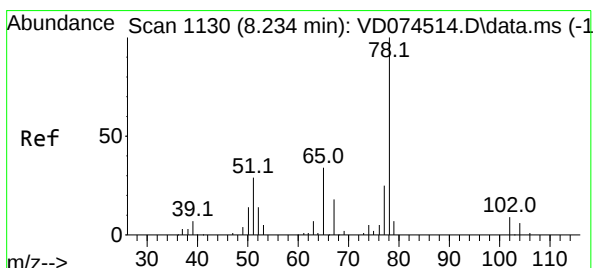
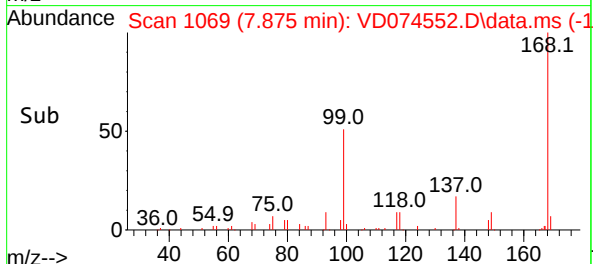
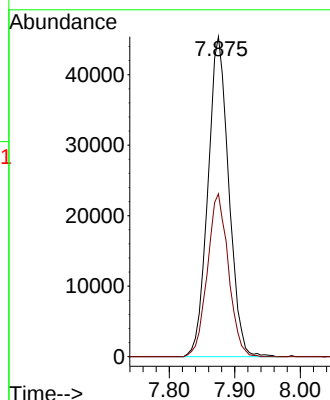
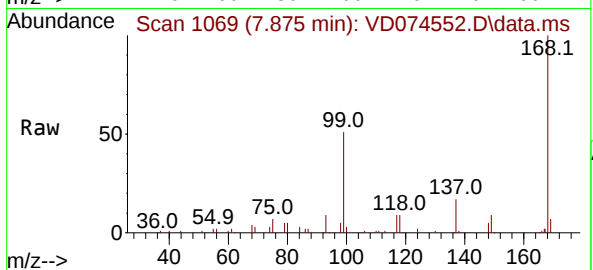
SB-06-3.5-4.0

Tgt Ion:168 Resp: 100157

Ion Ratio Lower Upper

168 100

99 50.9 40.9 61.3



#33

1,2-Dichloroethane-d4

Concen: 55.998 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074552.D

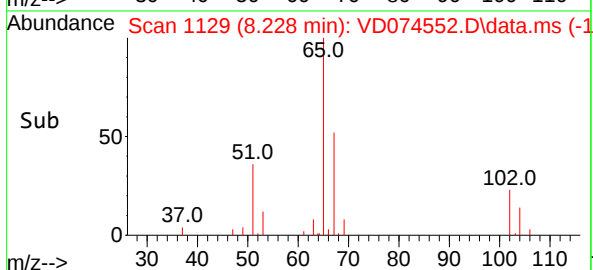
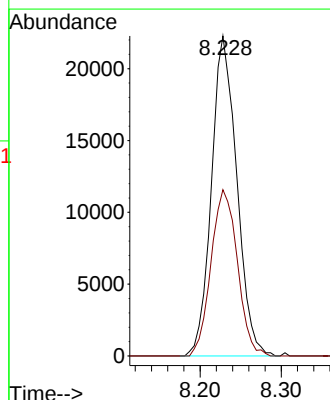
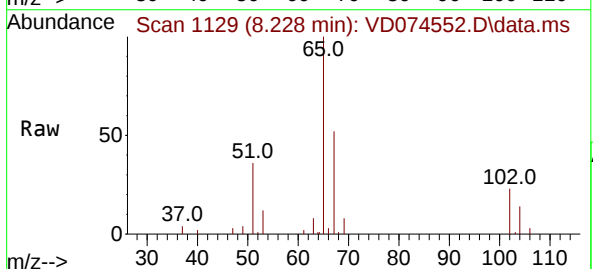
Acq: 17 Oct 2022 18:43

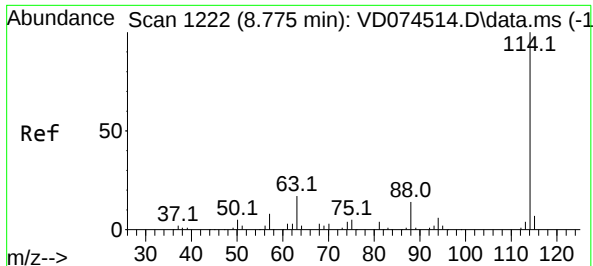
Tgt Ion: 65 Resp: 48276

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074552.D

Acq: 17 Oct 2022 18:43

Instrument :

MSVOA_D

ClientSampleId :

SB-06-3.5-4.0

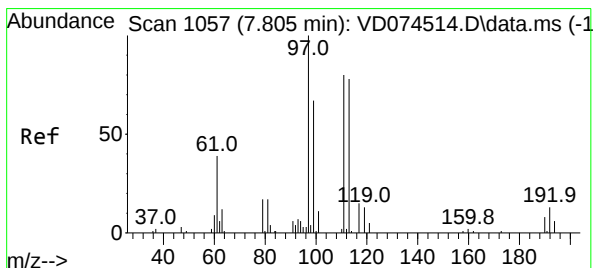
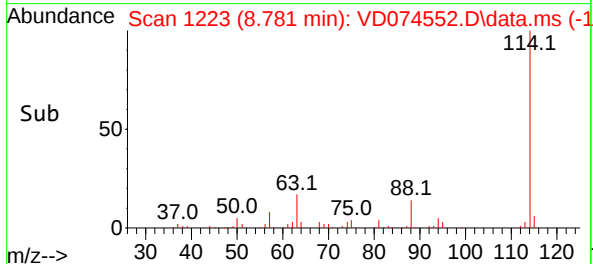
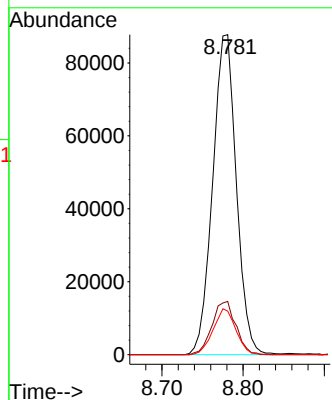
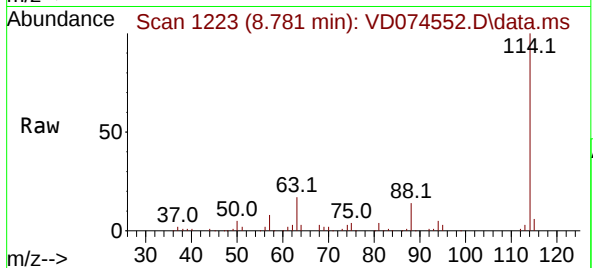
Tgt Ion:114 Resp: 177905

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.219 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074552.D

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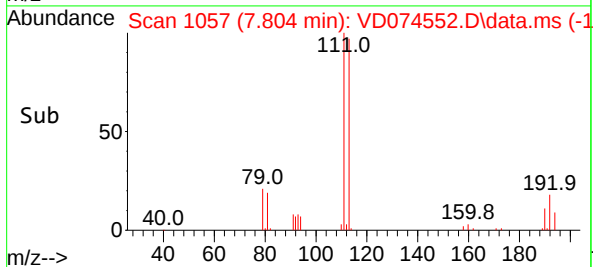
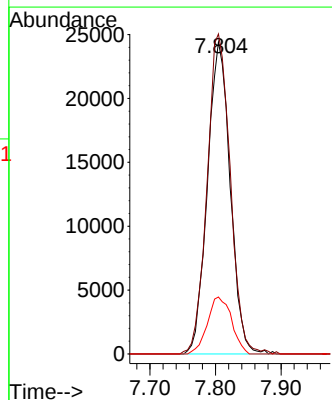
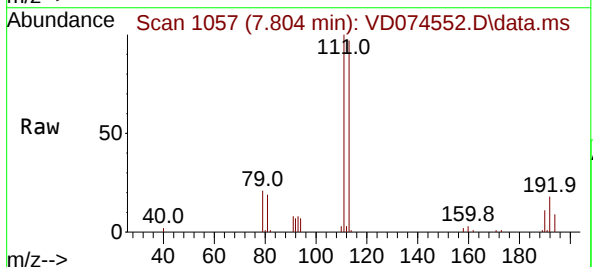
Tgt Ion:113 Resp: 58866

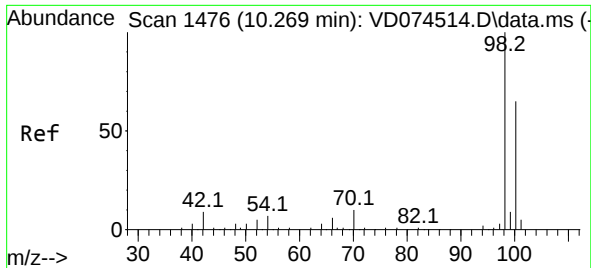
Ion Ratio Lower Upper

113 100

111 104.8 82.3 123.5

192 19.4 16.4 24.6

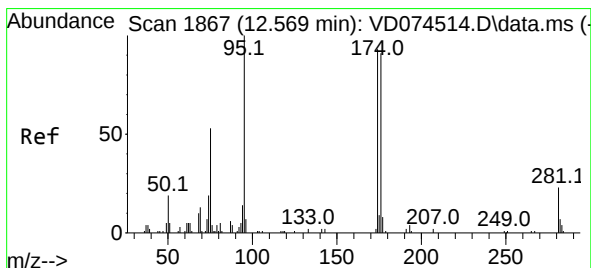
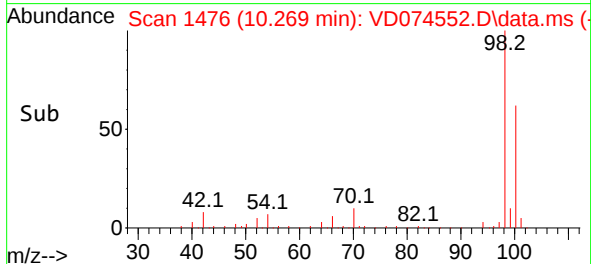
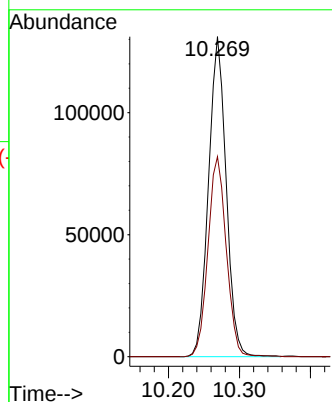
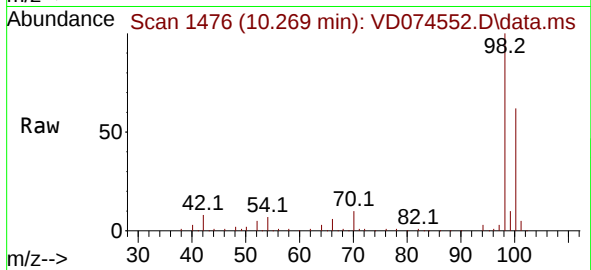




#50
Toluene-d8
Concen: 55.443 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

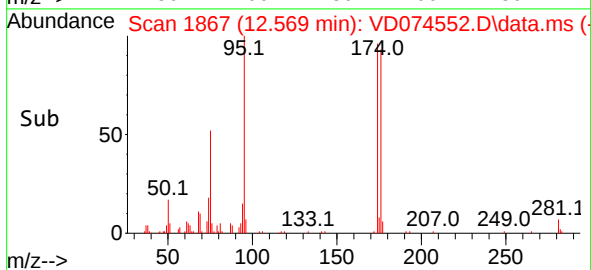
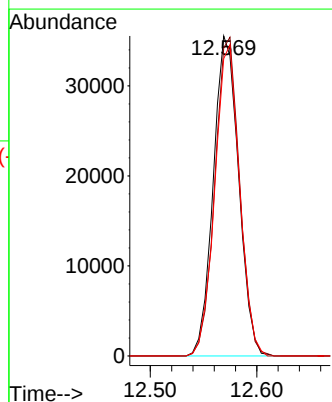
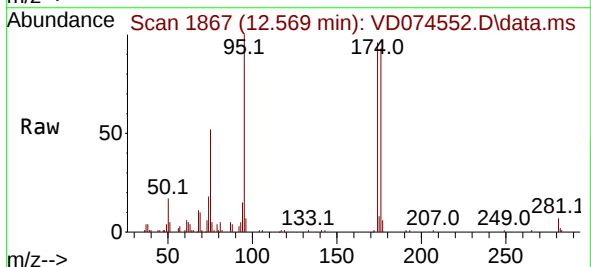
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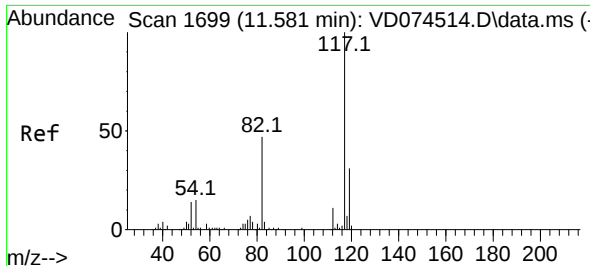
Tgt Ion: 98 Resp: 226594
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.508 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

Tgt Ion: 95 Resp: 58657
Ion Ratio Lower Upper
95 100
174 97.2 0.0 197.0
176 94.9 0.0 182.6

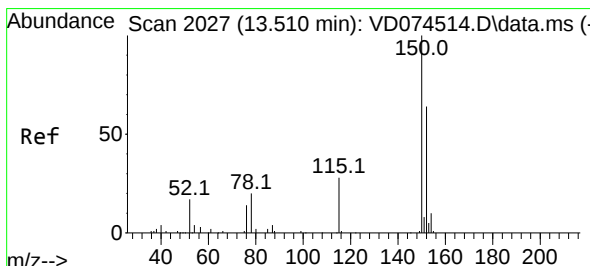
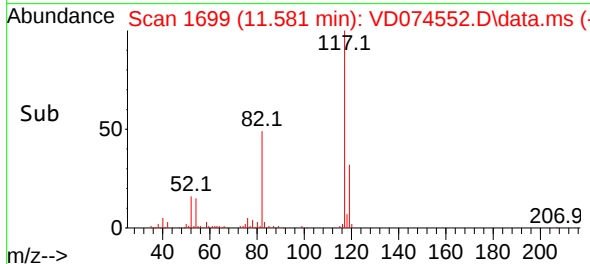
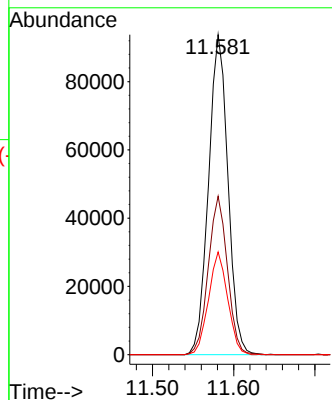
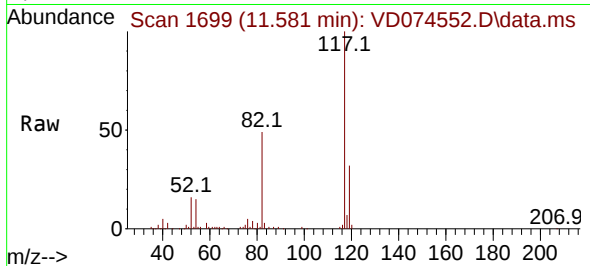




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

Instrument :
MSVOA_D
ClientSampleId :
SB-06-3.5-4.0

Tgt Ion:117 Resp: 155587
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 32.1 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: VD074552.D
Acq: 17 Oct 2022 18:43

Tgt Ion:152 Resp: 61097
Ion Ratio Lower Upper
152 100
115 56.0 26.8 80.4
150 158.6 0.0 348.2

