

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101122\
 Data File : VD074517.D
 Acq On : 11 Oct 2022 14:22
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 12 03:08:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 03:06:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	165333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	68011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	41978	54.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.460%
35) Dibromofluoromethane	7.804	113	48531	51.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.680%
50) Toluene-d8	10.269	98	197243	53.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.569	95	56327	51.731	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.460%

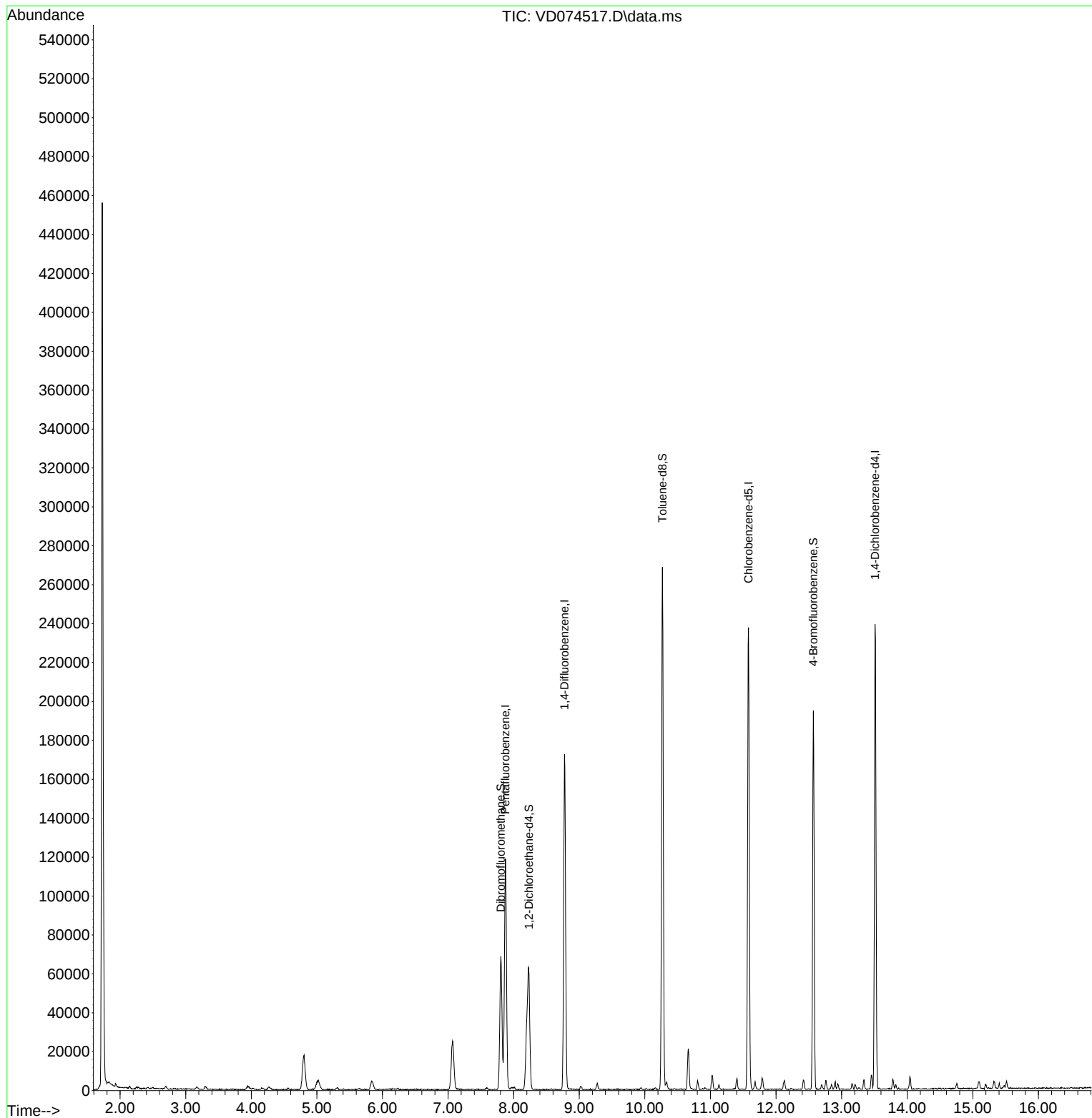
Target Compounds	Qvalue

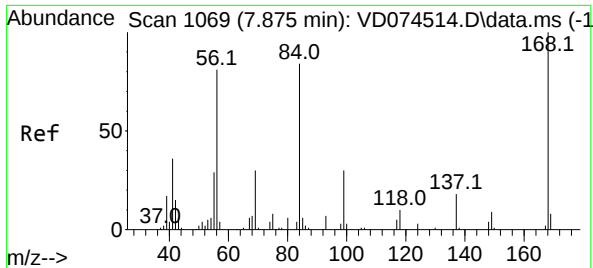
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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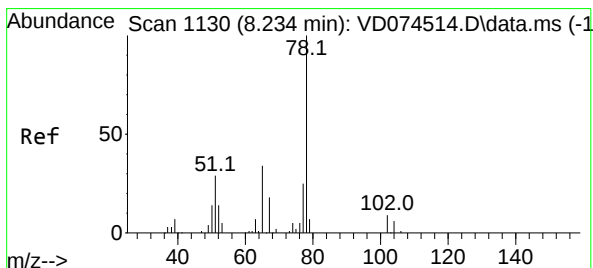
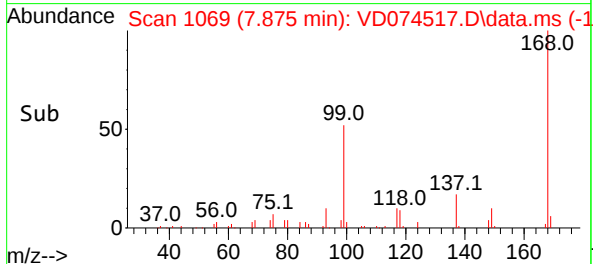
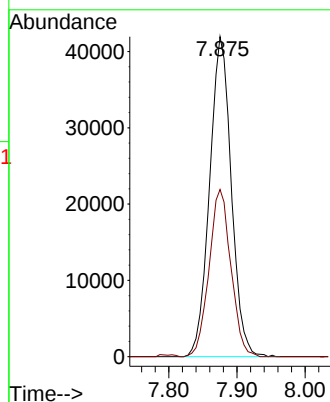
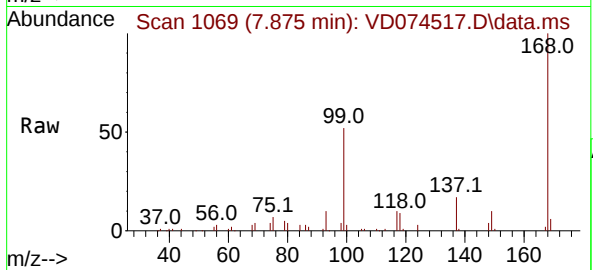




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074517.D
Acq: 11 Oct 2022 14:22

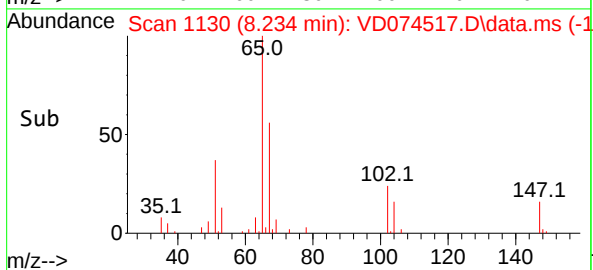
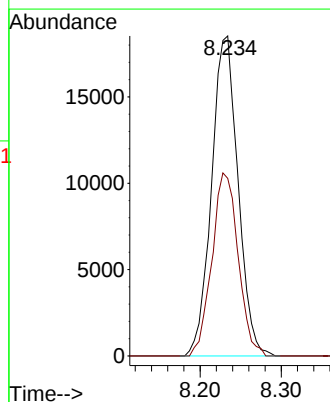
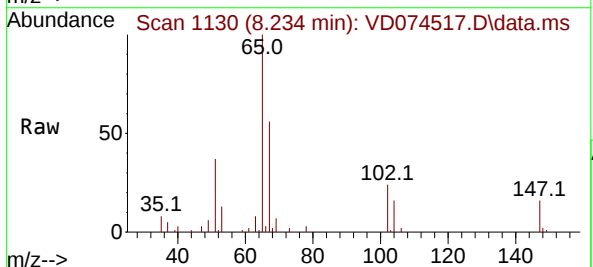
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

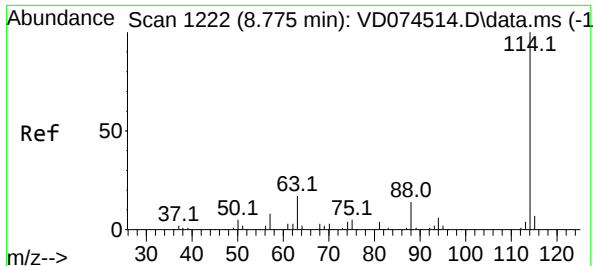
Tgt Ion:168 Resp: 92886
Ion Ratio Lower Upper
168 100
99 52.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 54.734 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074517.D
Acq: 11 Oct 2022 14:22

Tgt Ion: 65 Resp: 41978
Ion Ratio Lower Upper
65 100
67 56.6 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: VD074517.D

Acq: 11 Oct 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

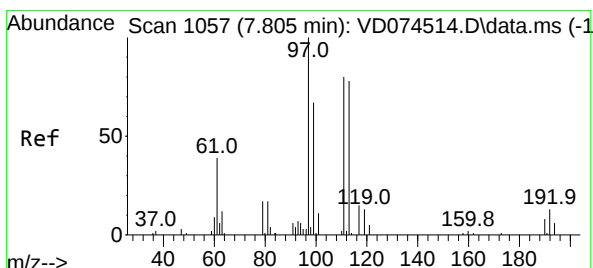
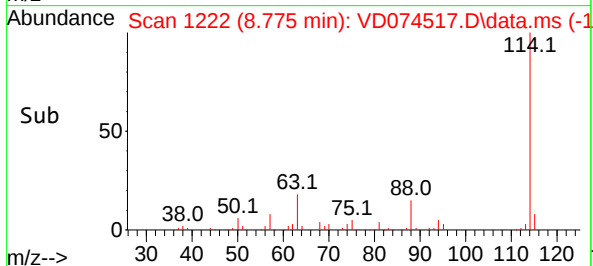
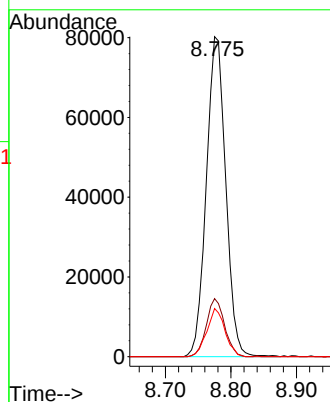
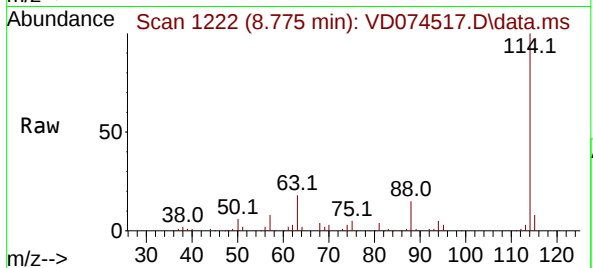
Tgt Ion:114 Resp: 165333

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.2

88 15.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.340 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074517.D

Acq: 11 Oct 2022 14:22

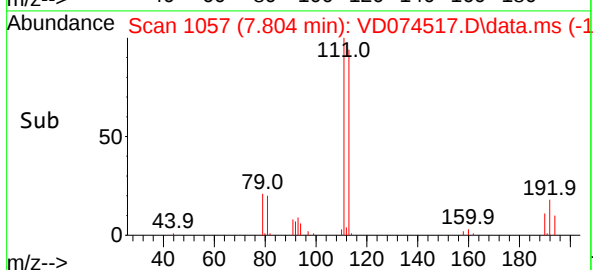
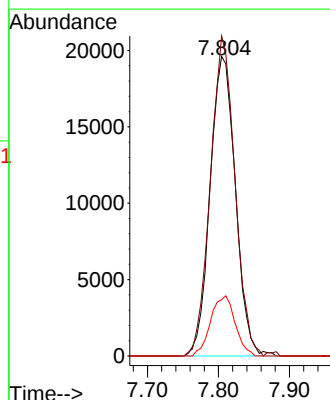
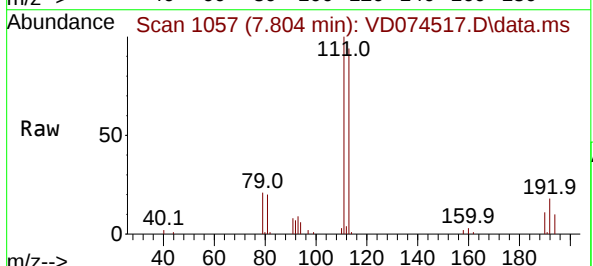
Tgt Ion:113 Resp: 48531

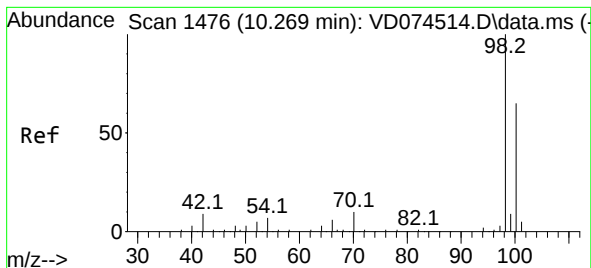
Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 19.4 16.4 24.6

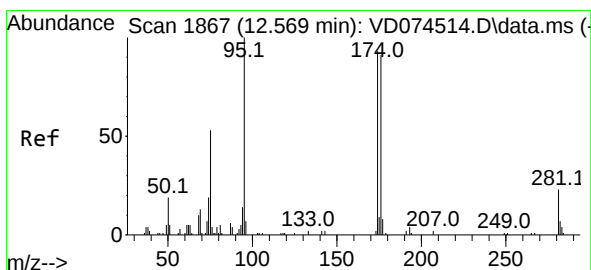
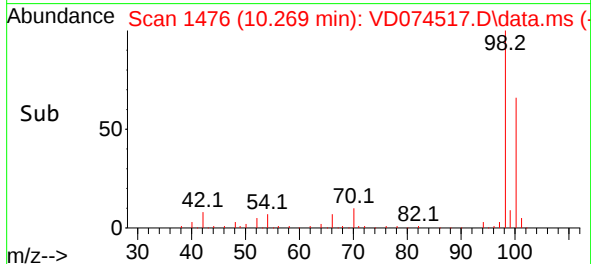
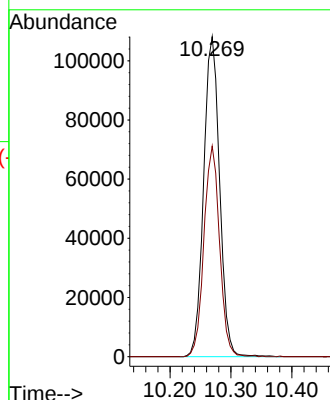
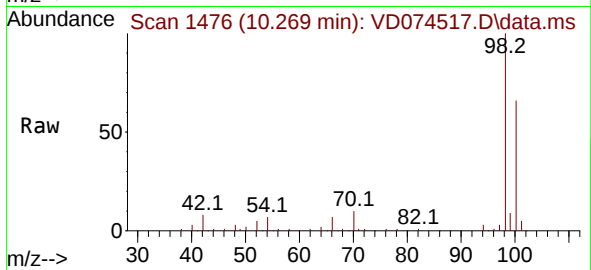




#50
Toluene-d8
Concen: 53.508 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074517.D
Acq: 11 Oct 2022 14:22

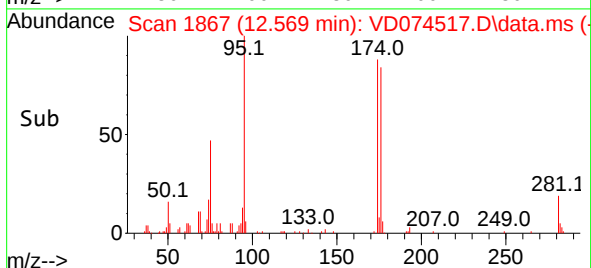
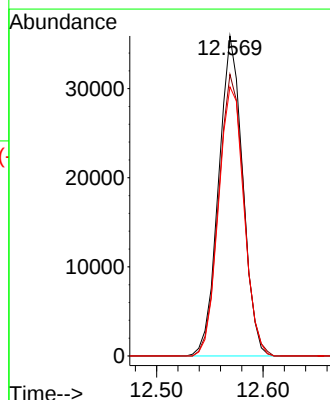
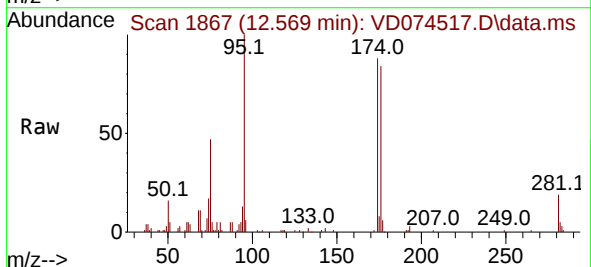
Instrument :
MSVOA_D
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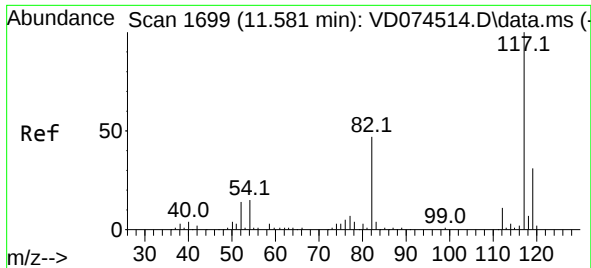
Tgt Ion: 98 Resp: 197243
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.731 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074517.D
Acq: 11 Oct 2022 14:22

Tgt Ion: 95 Resp: 56327
Ion Ratio Lower Upper
95 100
174 91.9 0.0 197.0
176 88.8 0.0 182.6

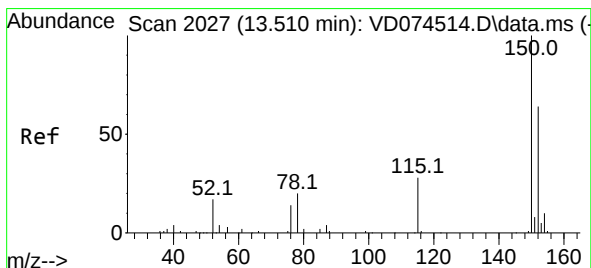
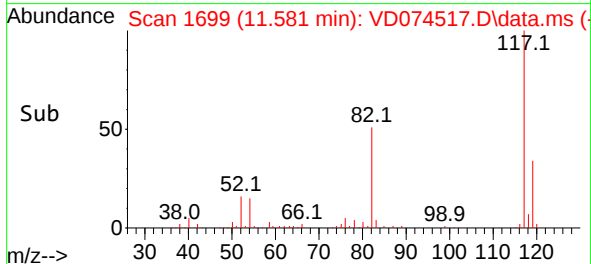
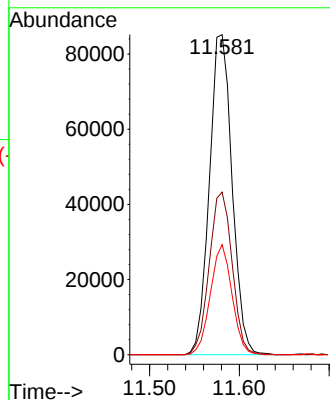
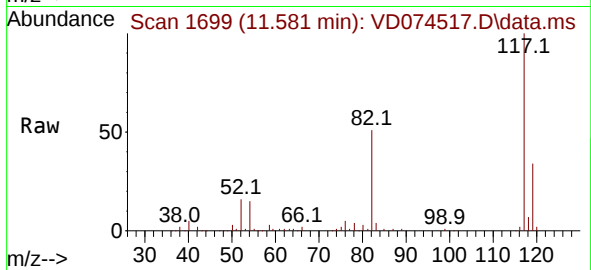




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074517.D
Acq: 11 Oct 2022 14:22

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 149595
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 34.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074517.D
Acq: 11 Oct 2022 14:22

Tgt Ion:152 Resp: 68011
Ion Ratio Lower Upper
152 100
115 54.8 26.8 80.4
150 157.5 0.0 348.2

