

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074916.D
 Acq On : 12 Nov 2022 05:05
 Operator : VA/SY
 Sample : N5607-13
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40B

Quant Time: Nov 14 01:00:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	143986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	213112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	69799	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78611	86.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.980%#
35) Dibromofluoromethane	7.805	113	97391	74.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	148.280%#
50) Toluene-d8	10.269	98	288037	66.562	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.120%
62) 4-Bromofluorobenzene	12.575	95	68543	51.583	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.160%

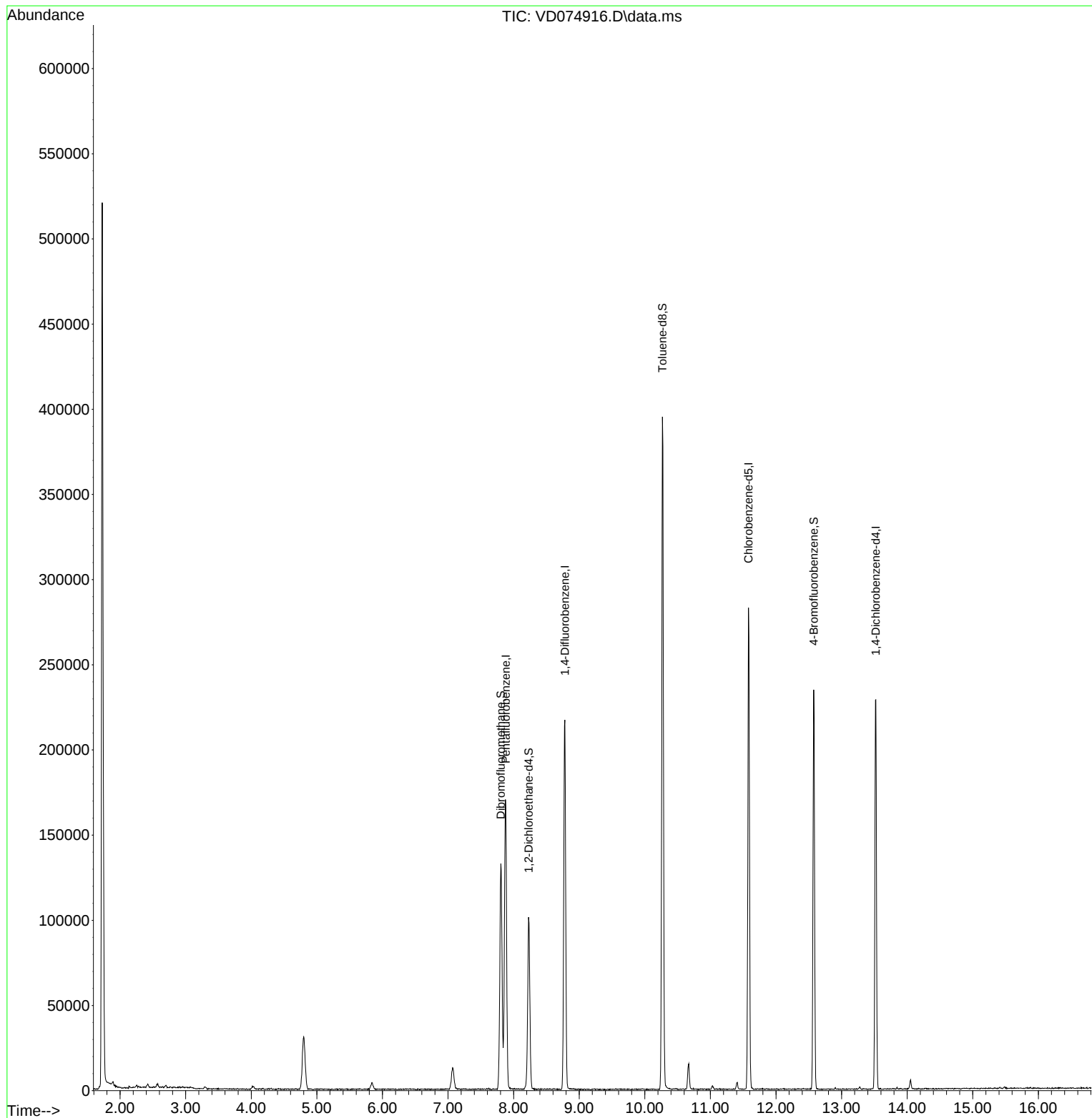
Target Compounds	Qvalue

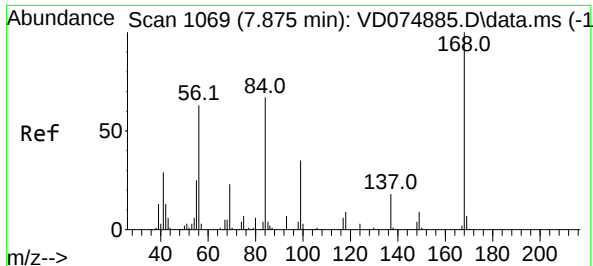
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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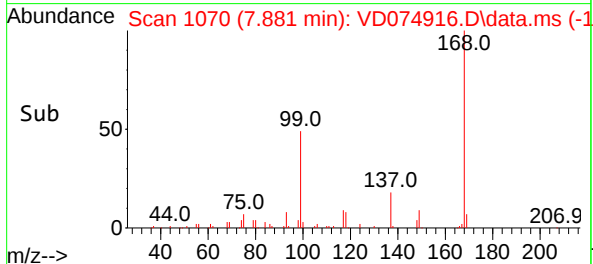
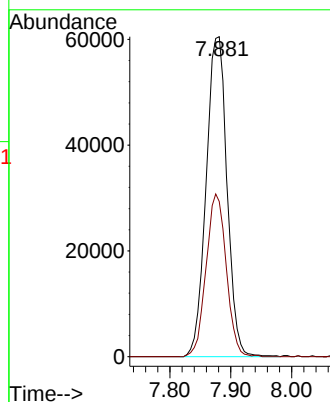
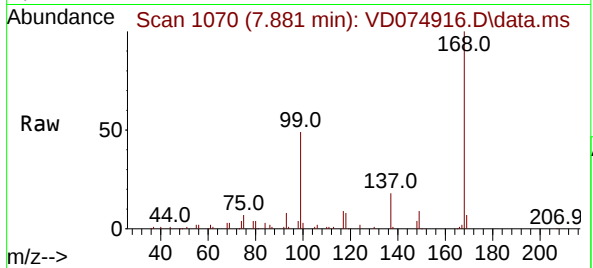




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074916.D
Acq: 12 Nov 2022 05:05

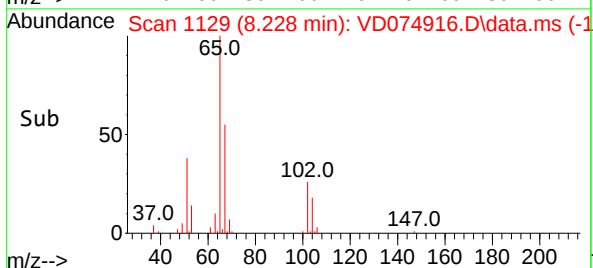
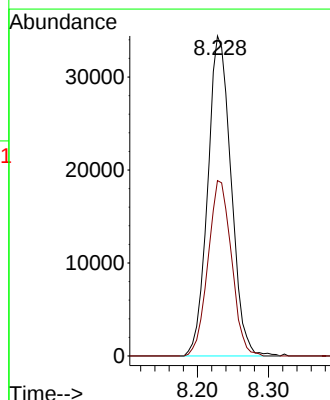
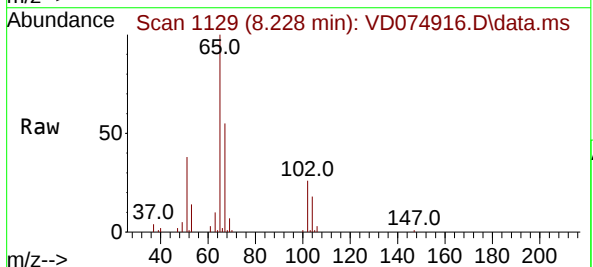
Instrument :
MSVOA_D
ClientSampleId :
SB-40B

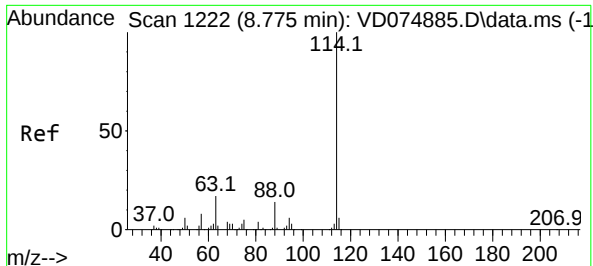
Tgt Ion:168 Resp: 143986
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 86.490 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074916.D
Acq: 12 Nov 2022 05:05

Tgt Ion: 65 Resp: 78611
Ion Ratio Lower Upper
65 100
67 55.0 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: VD074916.D

Acq: 12 Nov 2022 05:05

Instrument :

MSVOA_D

ClientSampleId :

SB-40B

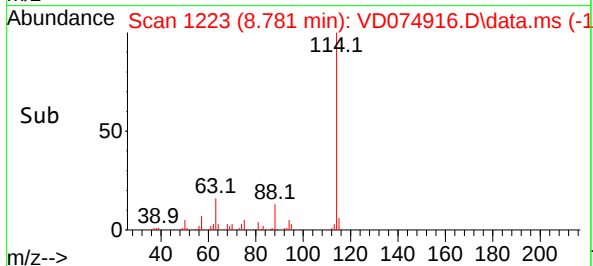
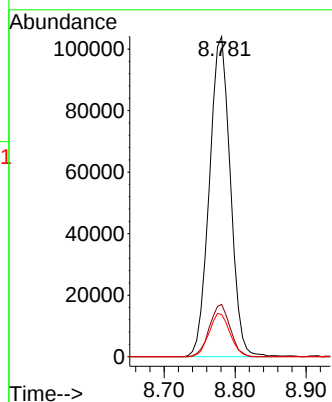
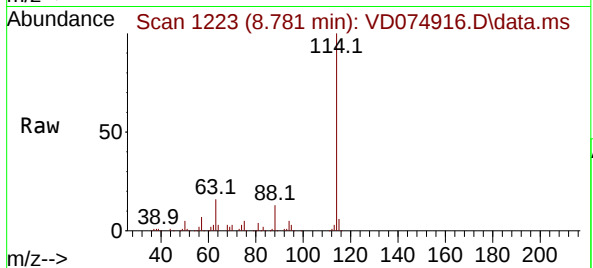
Tgt Ion:114 Resp: 213112

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 74.136 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074916.D

Acq: 12 Nov 2022 05:05

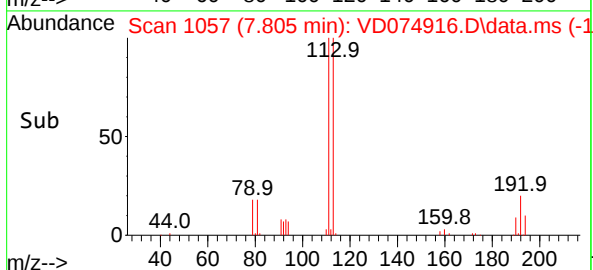
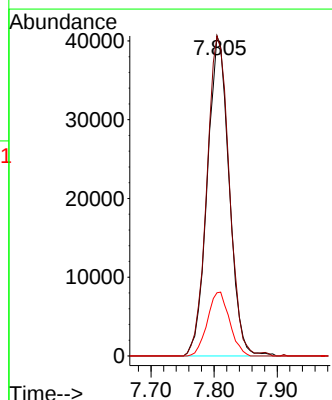
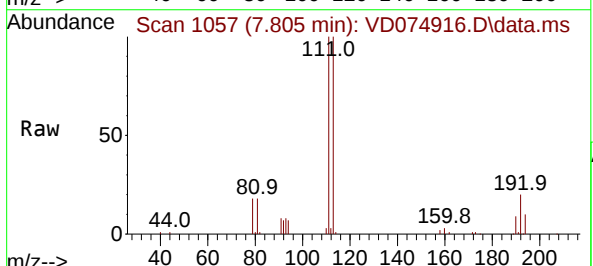
Tgt Ion:113 Resp: 97391

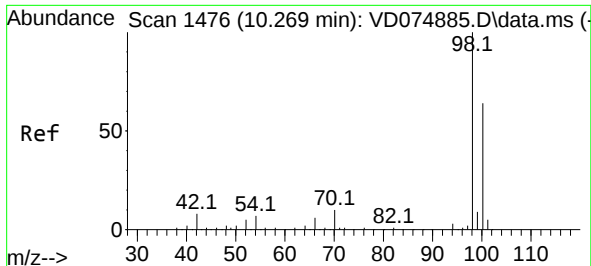
Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

192 20.2 16.4 24.6

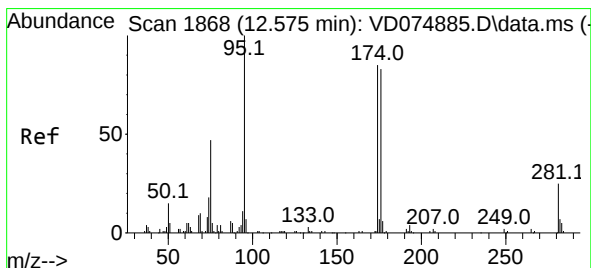
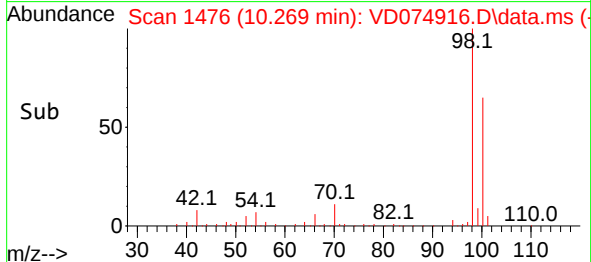
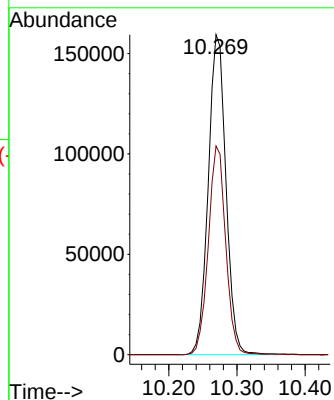
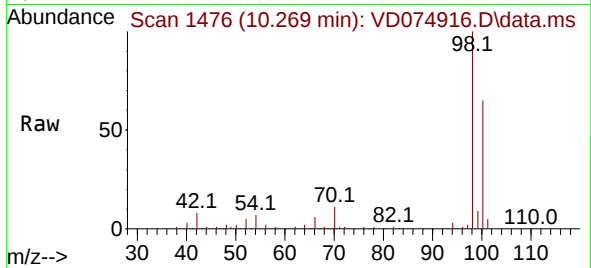




#50
Toluene-d8
Concen: 66.562 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074916.D
Acq: 12 Nov 2022 05:05

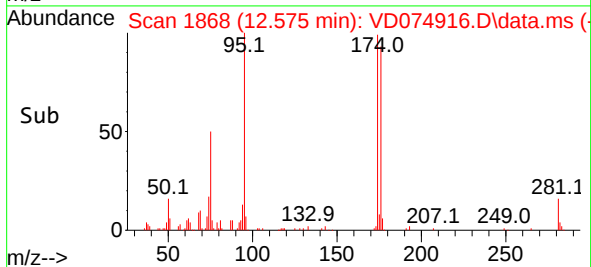
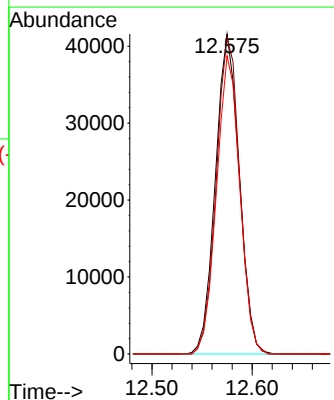
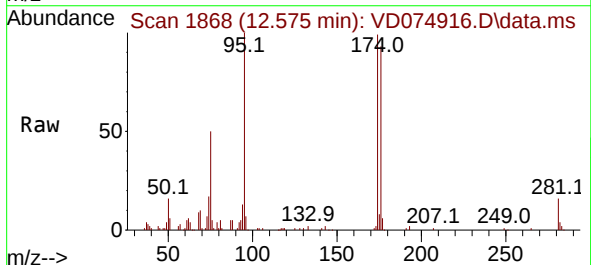
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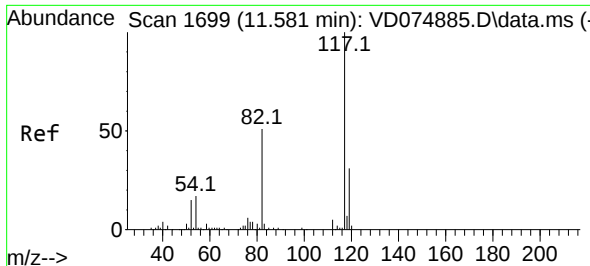
Tgt Ion: 98 Resp: 288037
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.583 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074916.D
Acq: 12 Nov 2022 05:05

Tgt Ion: 95 Resp: 68543
Ion Ratio Lower Upper
95 100
174 97.7 0.0 197.0
176 91.1 0.0 182.6

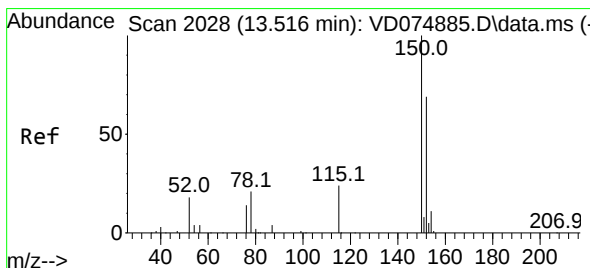
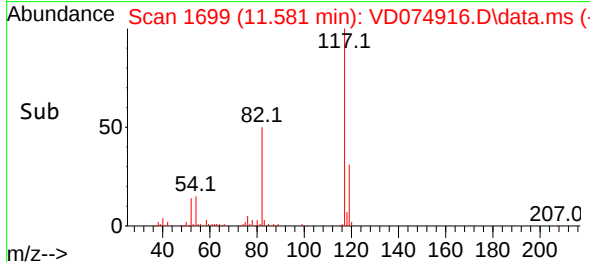
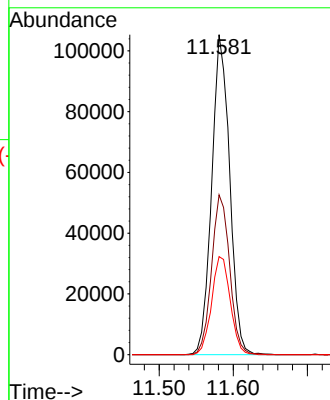
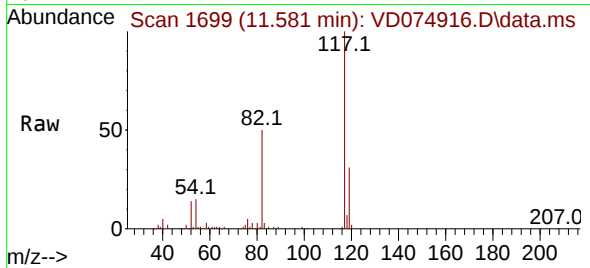




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074916.D
Acq: 12 Nov 2022 05:05

Instrument :
MSVOA_D
ClientSampleId :
SB-40B

Tgt Ion:117 Resp: 176925
Ion Ratio Lower Upper
117 100
82 49.9 41.6 62.4
119 30.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074916.D
Acq: 12 Nov 2022 05:05

Tgt Ion:152 Resp: 69799
Ion Ratio Lower Upper
152 100
115 52.8 26.8 80.4
150 158.0 0.0 348.2

