

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD074999.D
 Acq On : 21 Nov 2022 13:06
 Operator : VA/SY
 Sample : VD1121SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1121SBL01

Quant Time: Nov 22 00:17:40 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	7.875	168	121574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	216021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	82862	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51051	64.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.940%
35) Dibromofluoromethane	7.804	113	63214	47.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.940%
50) Toluene-d8	10.269	98	212686	48.487	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.575	95	66933	49.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.380%

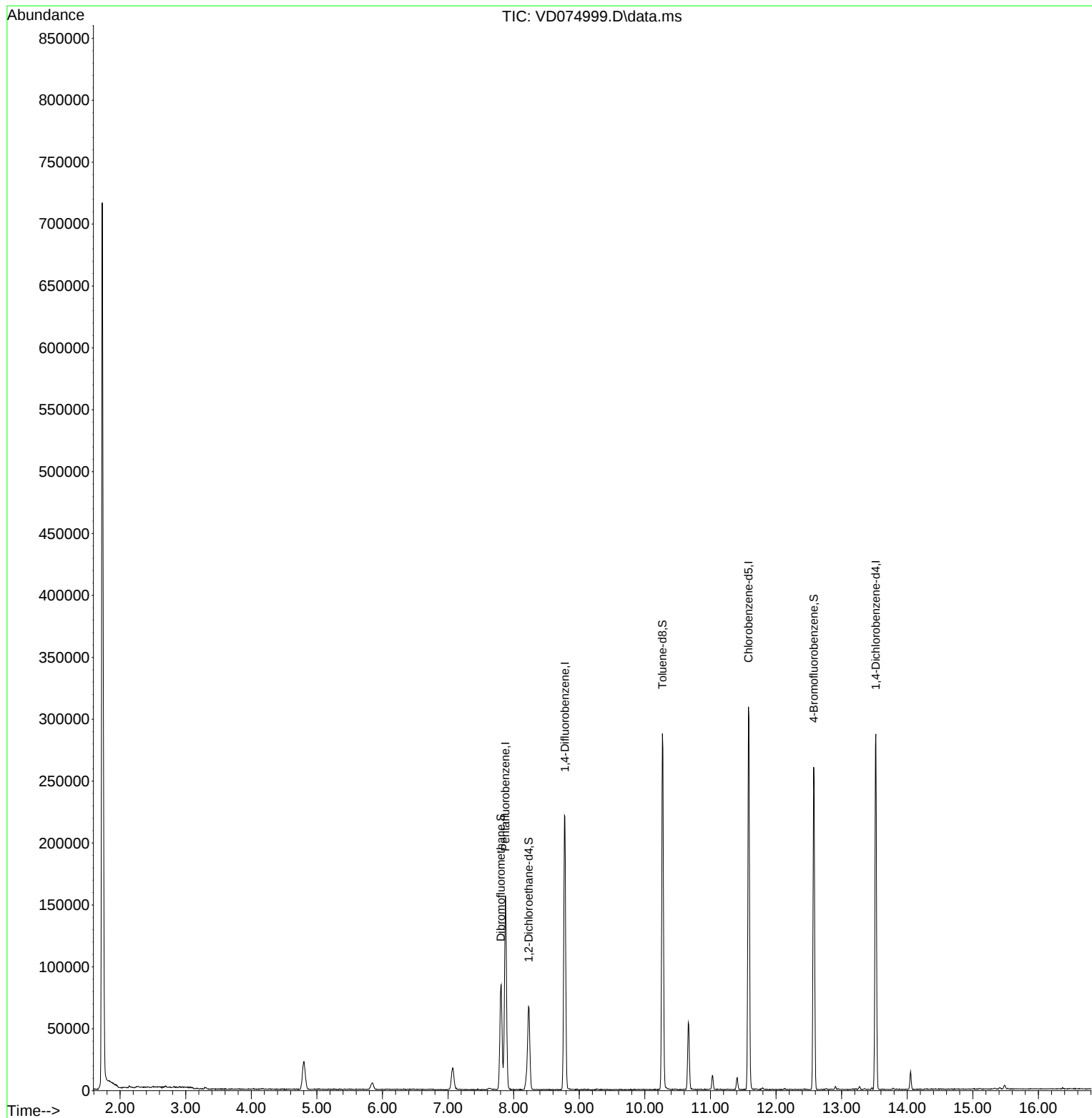
Target Compounds	Qvalue

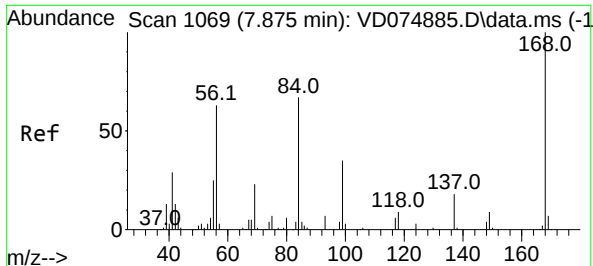
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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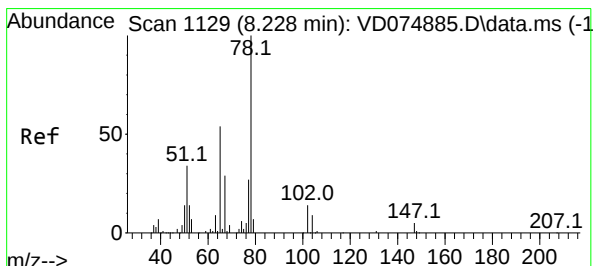
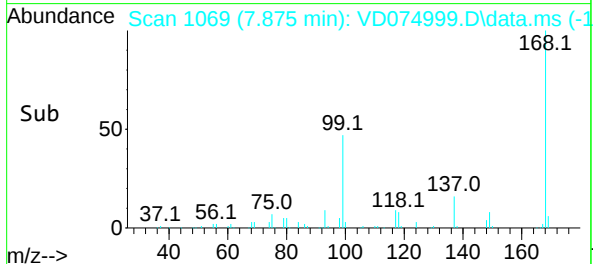
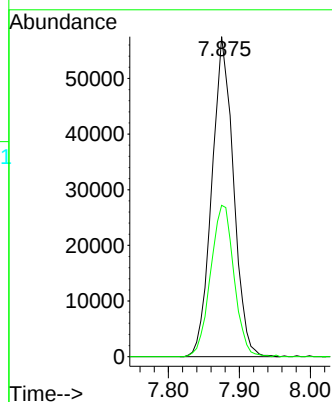
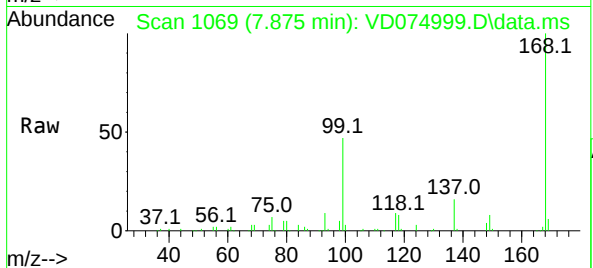




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074999.D
Acq: 21 Nov 2022 13:06

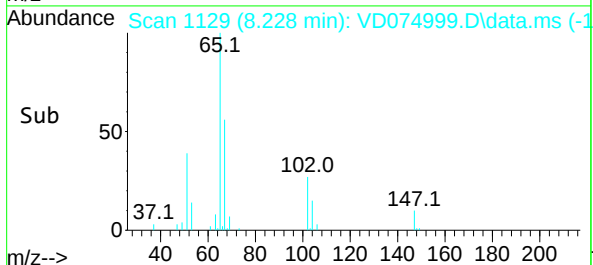
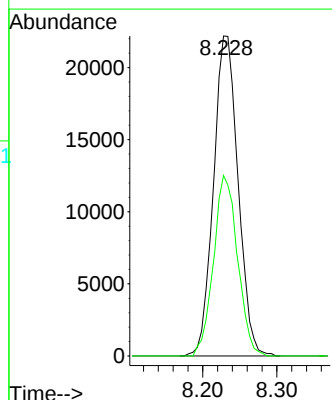
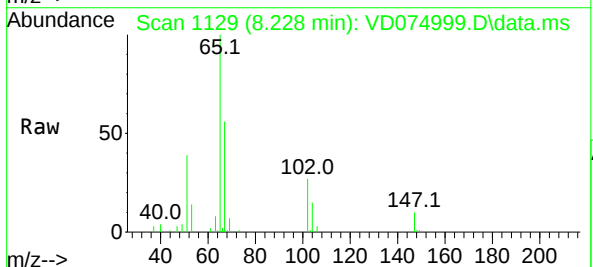
Instrument :
MSVOA_D
ClientSampleId :
VD1121SBL01

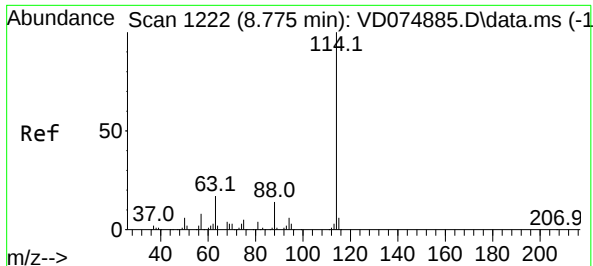
Tgt Ion:168 Resp: 121574
Ion Ratio Lower Upper
168 100
99 47.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 64.970 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074999.D
Acq: 21 Nov 2022 13:06

Tgt Ion: 65 Resp: 51051
Ion Ratio Lower Upper
65 100
67 55.2 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: VD074999.D

Acq: 21 Nov 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD1121SBL01

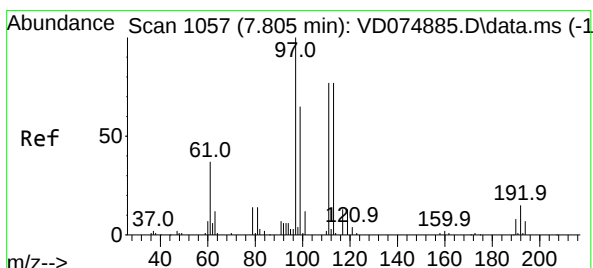
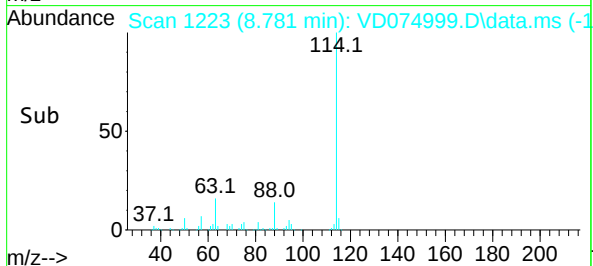
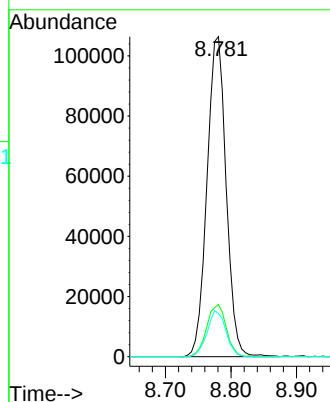
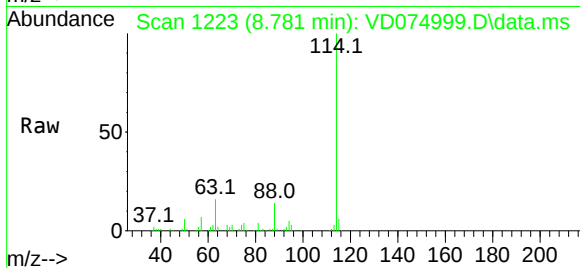
Tgt Ion:114 Resp: 216021

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 47.472 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074999.D

Acq: 21 Nov 2022 13:06

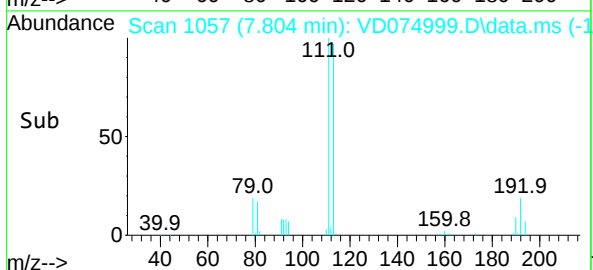
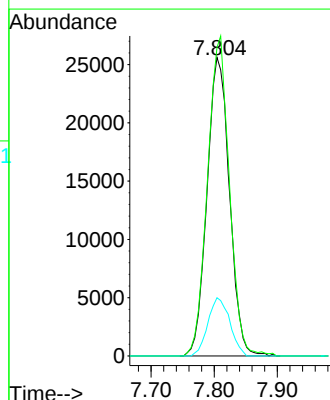
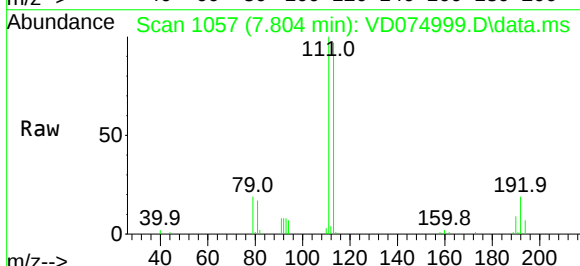
Tgt Ion:113 Resp: 63214

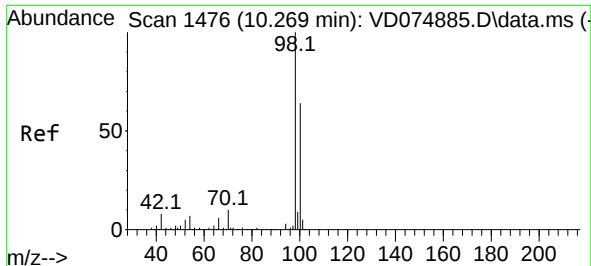
Ion Ratio Lower Upper

113 100

111 104.7 82.3 123.5

192 19.0 16.4 24.6

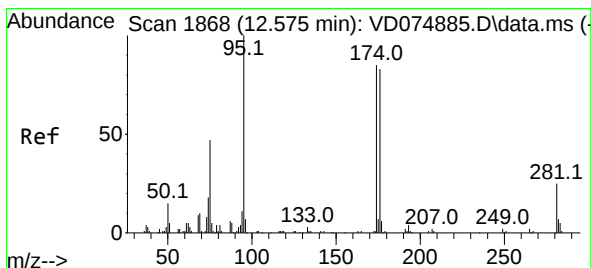
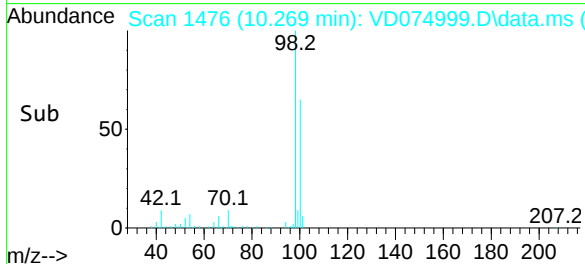
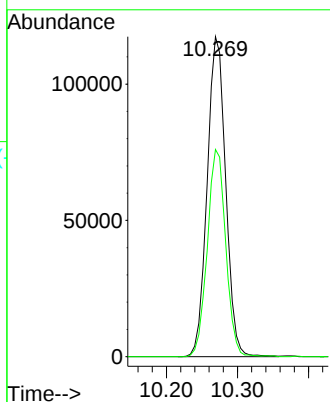
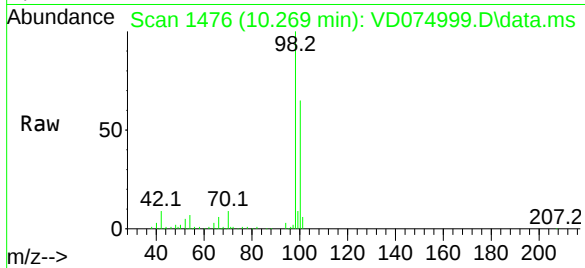




#50
Toluene-d8
Concen: 48.487 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074999.D
Acq: 21 Nov 2022 13:06

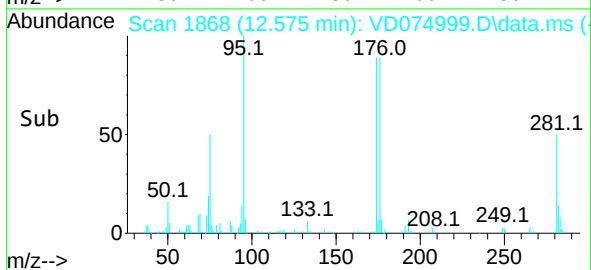
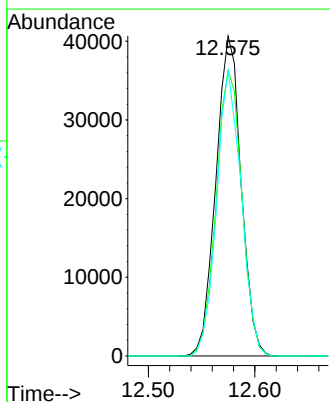
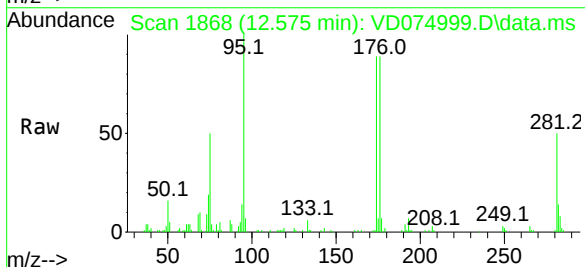
Instrument :
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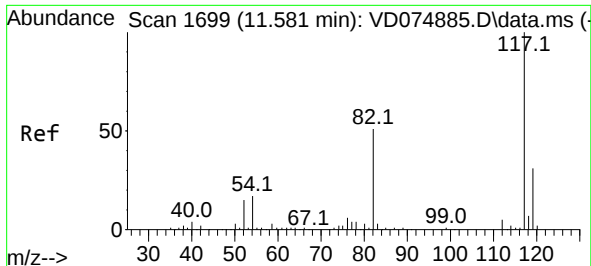
Tgt Ion: 98 Resp: 212686
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.693 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074999.D
Acq: 21 Nov 2022 13:06

Tgt Ion: 95 Resp: 66933
Ion Ratio Lower Upper
95 100
174 91.0 0.0 197.0
176 86.6 0.0 182.6

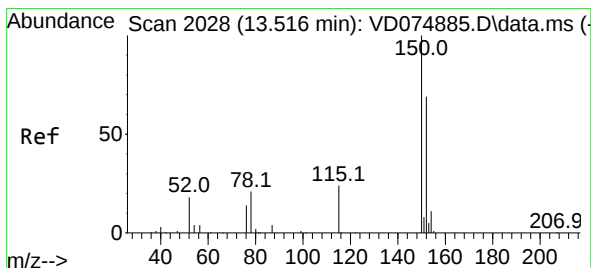
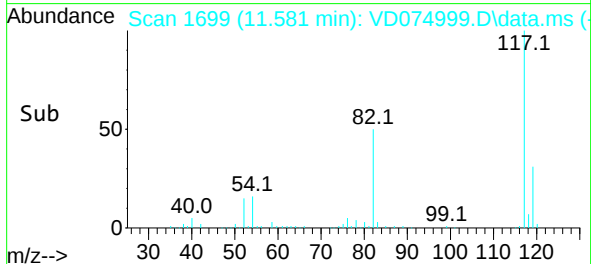
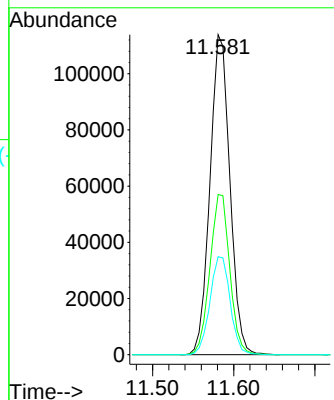
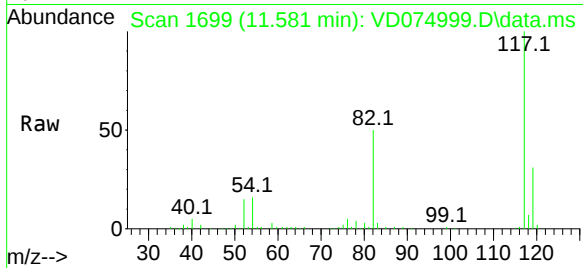




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074999.D
Acq: 21 Nov 2022 13:06

Instrument :
MSVOA_D
ClientSampleId :
VD1121SBL01

Tgt Ion:117 Resp: 193893
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 30.6 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: VD074999.D
Acq: 21 Nov 2022 13:06

Tgt Ion:152 Resp: 82862
Ion Ratio Lower Upper
152 100
115 56.3 26.8 80.4
150 155.5 0.0 348.2

