

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074687.D
 Acq On : 31 Oct 2022 14:45
 Operator : VA/SY
 Sample : N5307-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-102622

Quant Time: Oct 31 16:29:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	13128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	24554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	23242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	12253	110.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	221.160%#
35) Dibromofluoromethane	7.804	113	10879	72.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.120%
50) Toluene-d8	10.269	98	28965	50.235	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.569	95	9588	60.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.100%

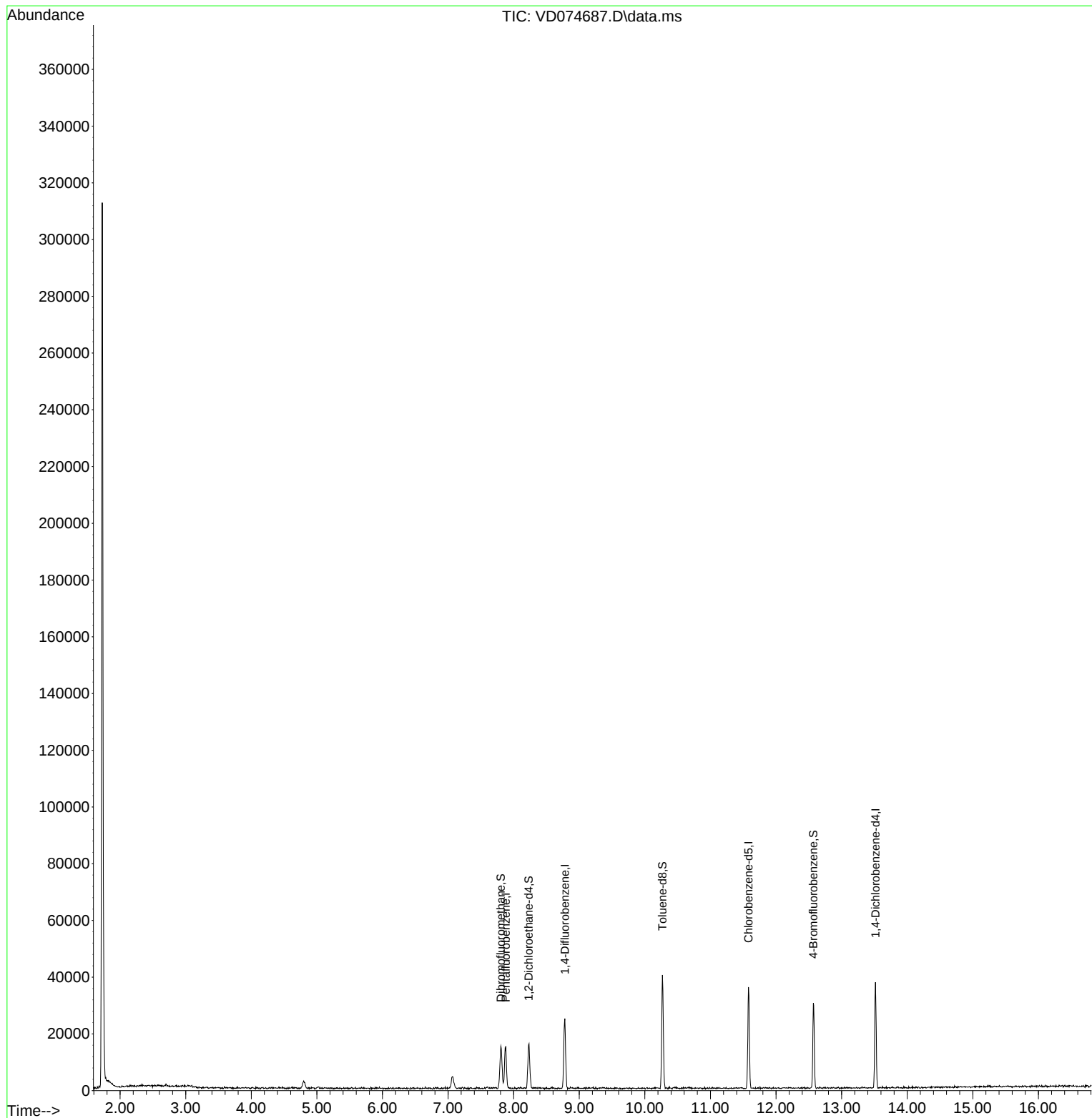
Target Compounds	Qvalue

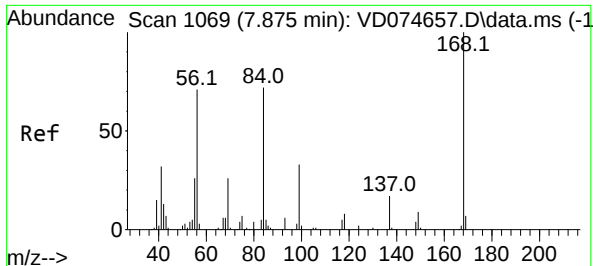
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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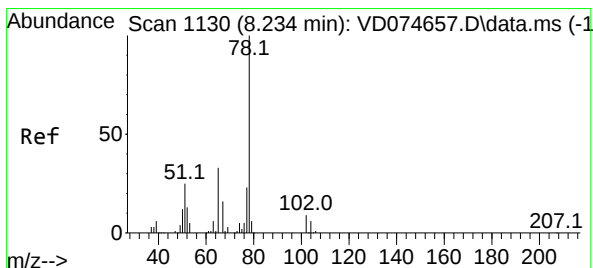
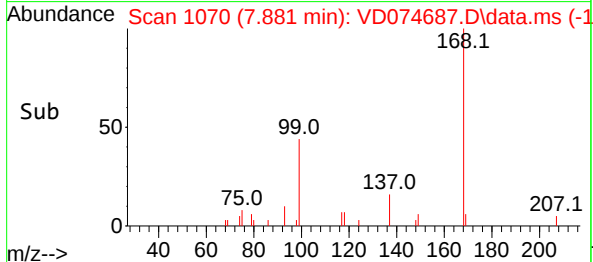
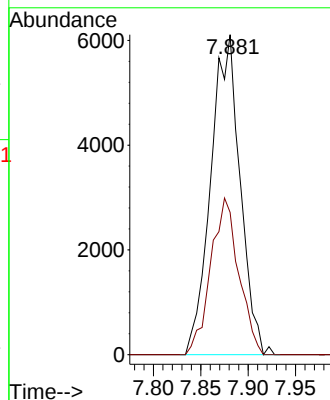
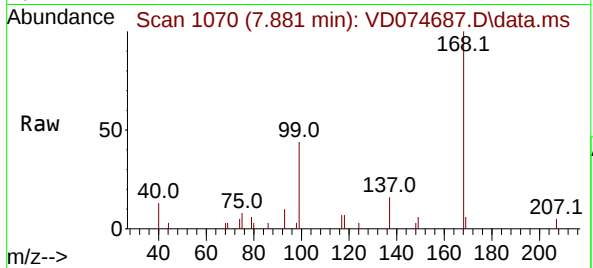




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD074687.D
Acq: 31 Oct 2022 14:45

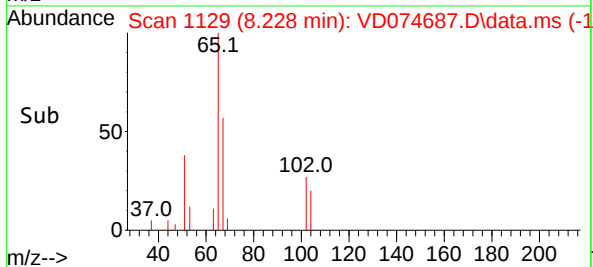
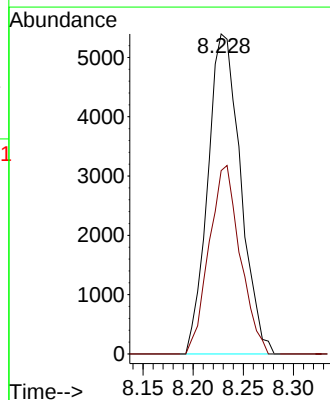
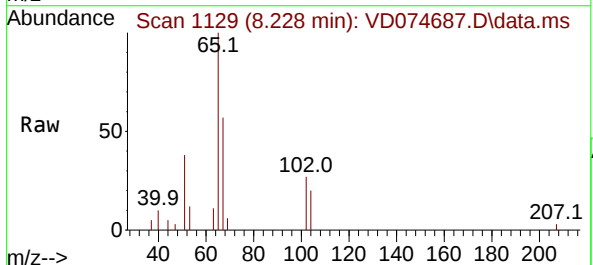
Instrument :
MSVOA_D
ClientSampleId :
CL-02-102622

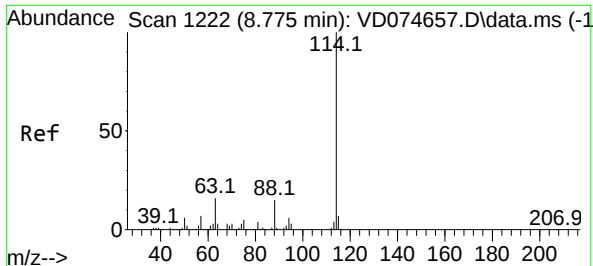
Tgt Ion:168 Resp: 13128
Ion Ratio Lower Upper
168 100
99 44.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 110.584 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074687.D
Acq: 31 Oct 2022 14:45

Tgt Ion: 65 Resp: 12253
Ion Ratio Lower Upper
65 100
67 56.0 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: VD074687.D

Acq: 31 Oct 2022 14:45

Instrument :

MSVOA_D

ClientSampleId :

CL-02-102622

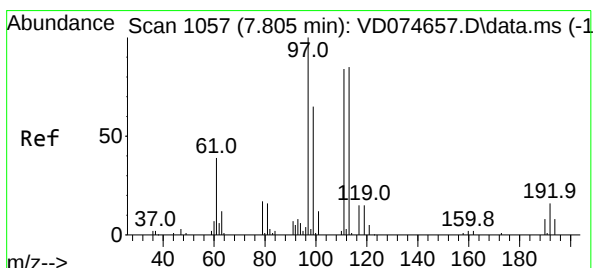
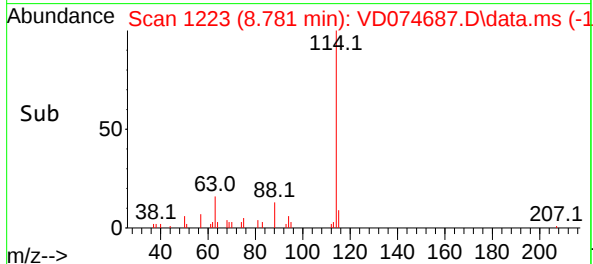
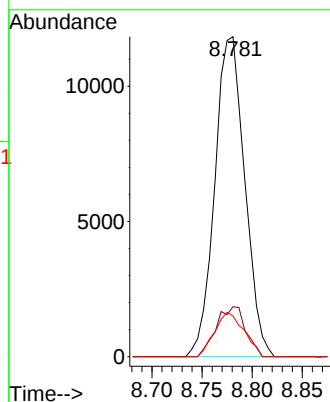
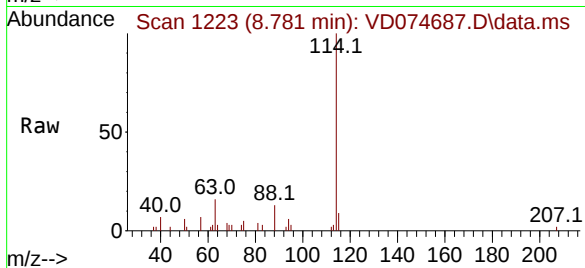
Tgt Ion:114 Resp: 24554

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 12.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 72.559 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074687.D

Acq: 31 Oct 2022 14:45

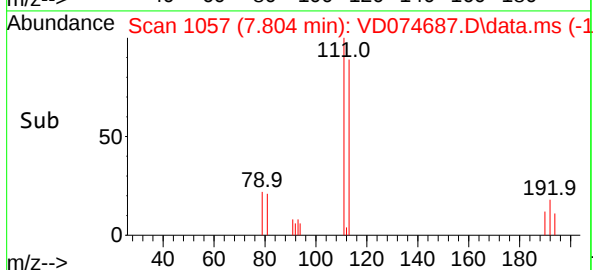
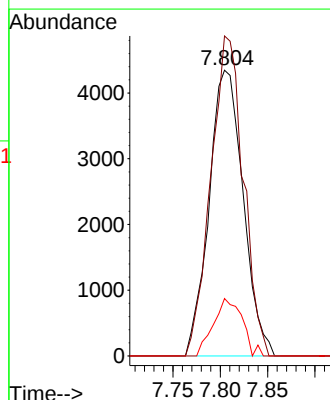
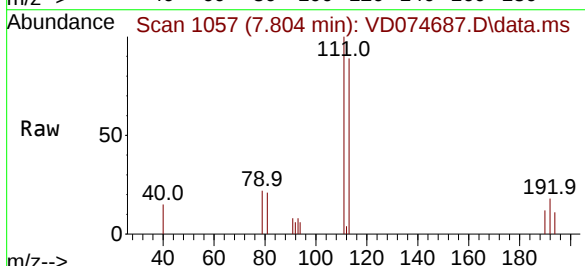
Tgt Ion:113 Resp: 10879

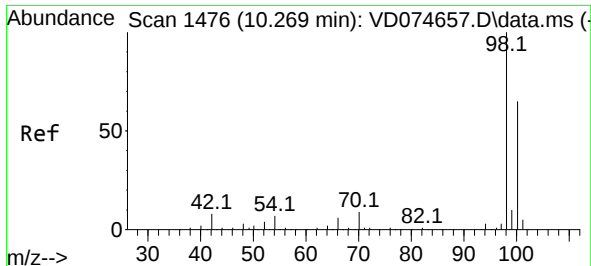
Ion Ratio Lower Upper

113 100

111 106.5 82.3 123.5

192 17.0 16.4 24.6

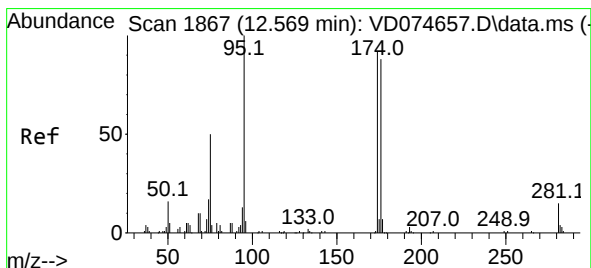
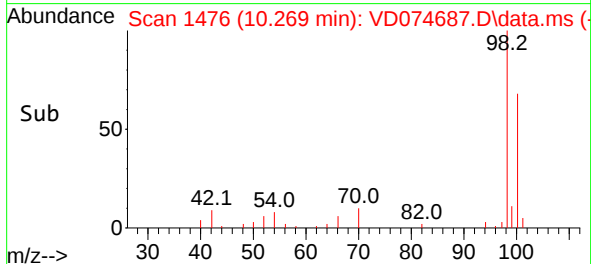
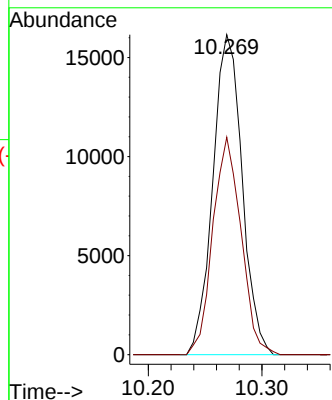
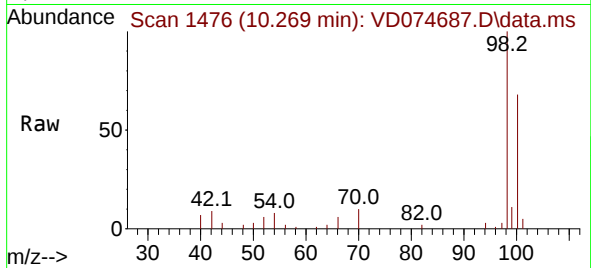




#50
Toluene-d8
Concen: 50.235 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074687.D
Acq: 31 Oct 2022 14:45

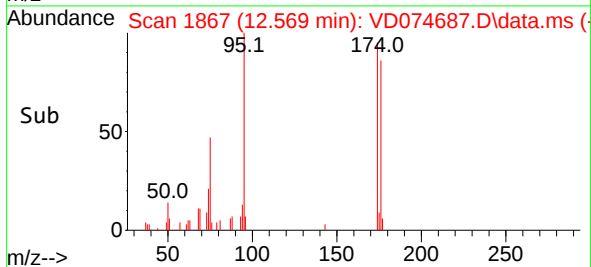
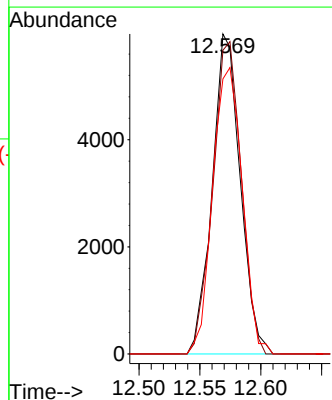
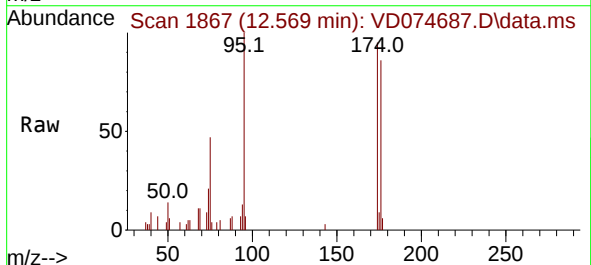
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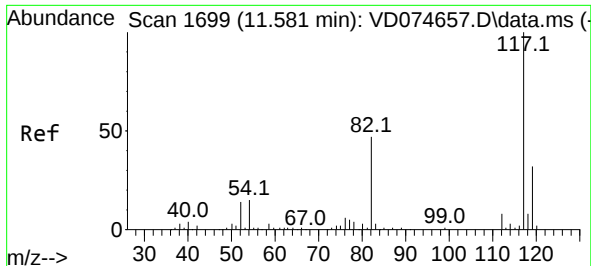
Tgt Ion: 98 Resp: 28965
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 60.548 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074687.D
Acq: 31 Oct 2022 14:45

Tgt Ion: 95 Resp: 9588
Ion Ratio Lower Upper
95 100
174 98.7 0.0 197.0
176 94.6 0.0 182.6

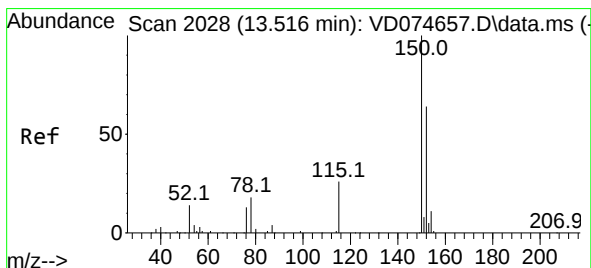
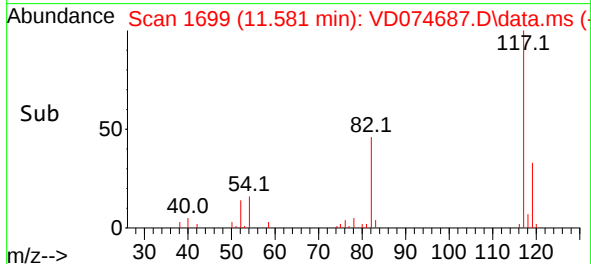
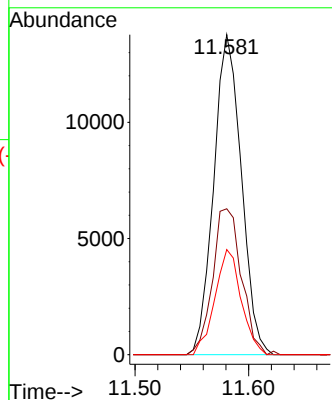
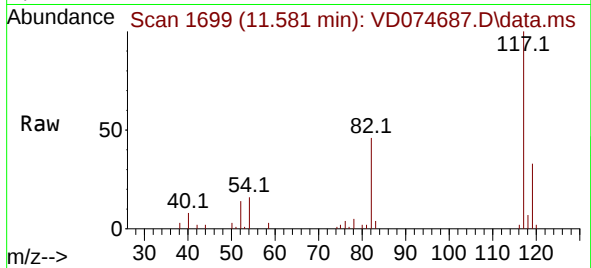




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074687.D
Acq: 31 Oct 2022 14:45

Instrument :
MSVOA_D
ClientSampleId :
CL-02-102622

Tgt Ion:117 Resp: 23242
Ion Ratio Lower Upper
117 100
82 45.6 41.6 62.4
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074687.D
Acq: 31 Oct 2022 14:45

Tgt Ion:152 Resp: 11125
Ion Ratio Lower Upper
152 100
115 58.3 26.8 80.4
150 157.7 0.0 348.2

