

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074802.D
 Acq On : 08 Nov 2022 14:12
 Operator : VA/SY
 Sample : N5415-06
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-19

Quant Time: Nov 08 14:49:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	102558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	158504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	66537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52588	64.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.480%
35) Dibromofluoromethane	7.804	113	69041	73.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	147.260%#
50) Toluene-d8	10.269	98	195599	57.190	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.380%
62) 4-Bromofluorobenzene	12.575	95	58390	59.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.260%

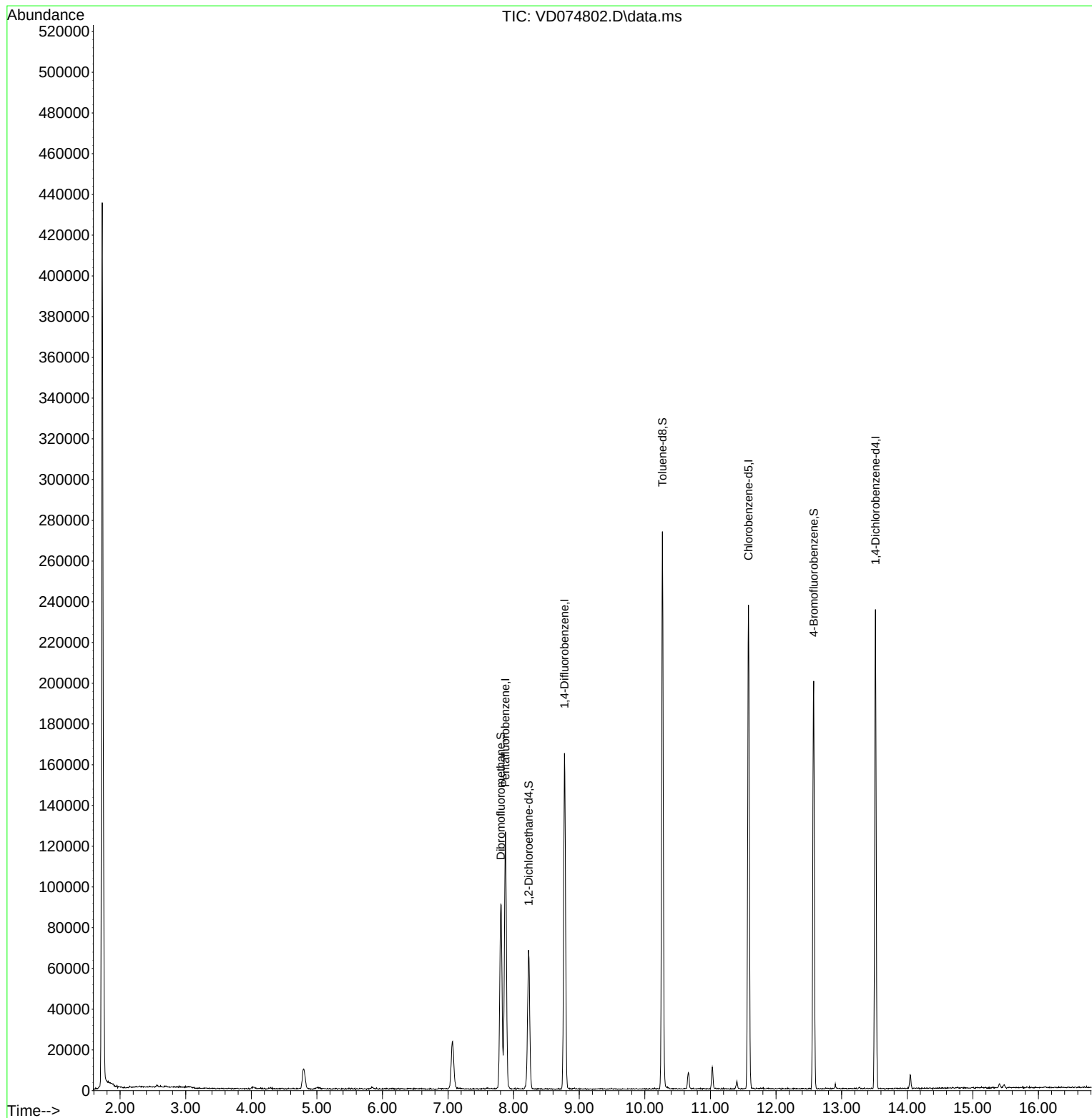
Target Compounds	Qvalue

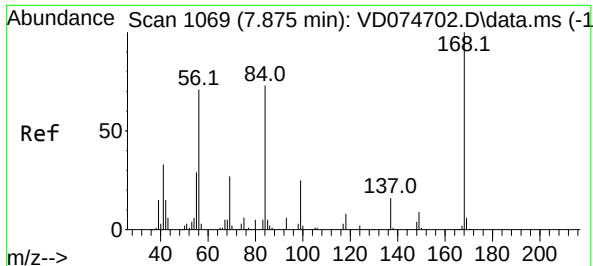
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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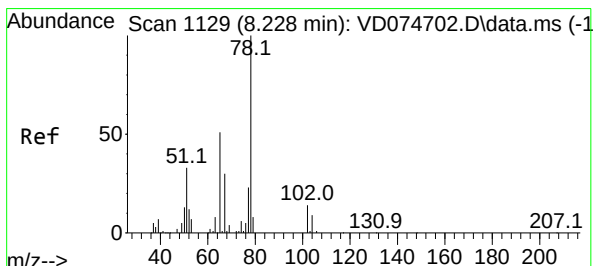
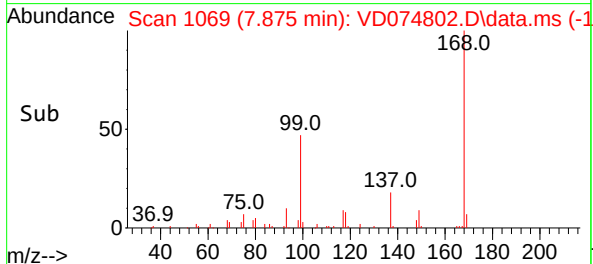
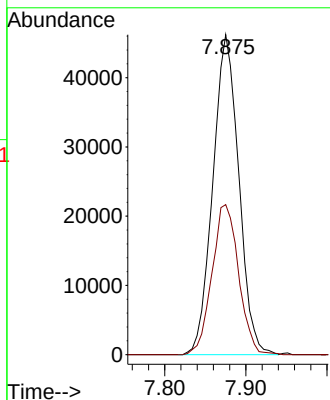
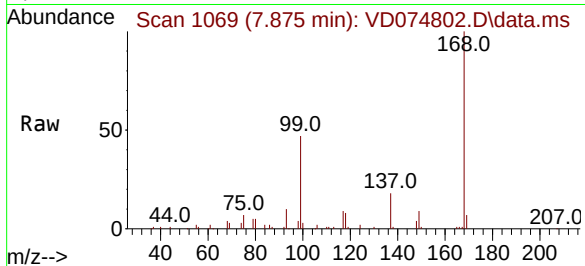




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

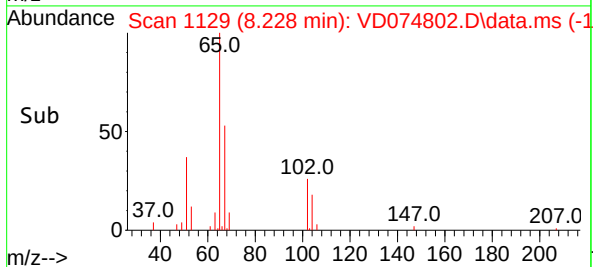
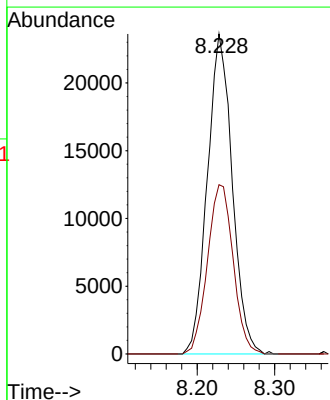
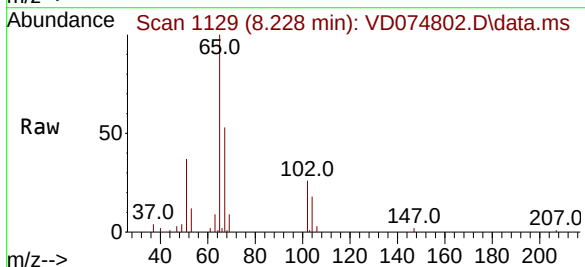
Instrument :
MSVOA_D
ClientSampleId :
R-19

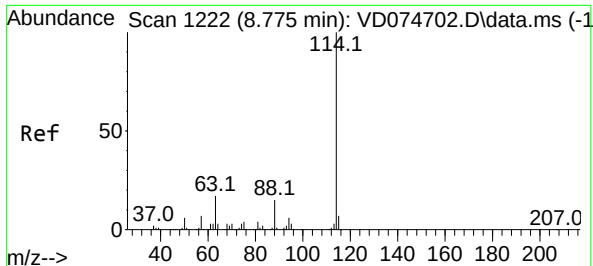
Tgt Ion:168 Resp: 102558
Ion Ratio Lower Upper
168 100
99 46.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 64.741 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Tgt Ion: 65 Resp: 52588
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074802.D

Acq: 08 Nov 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

R-19

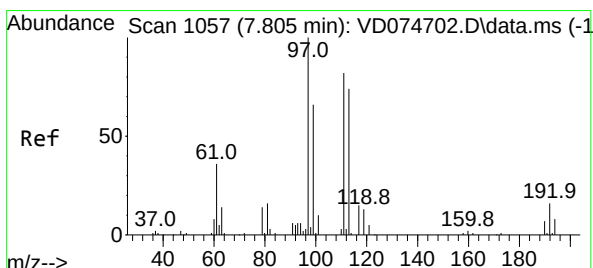
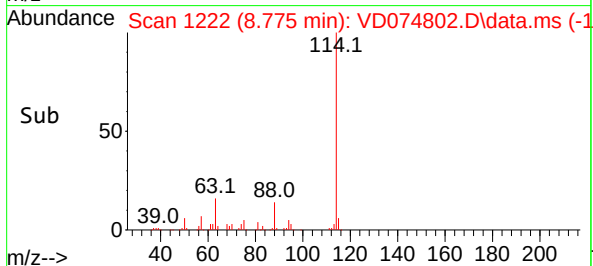
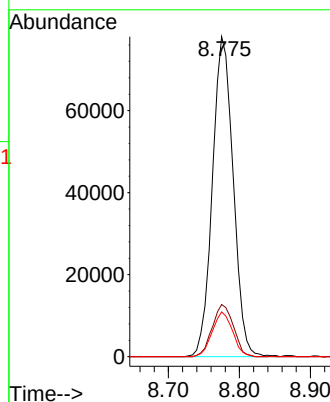
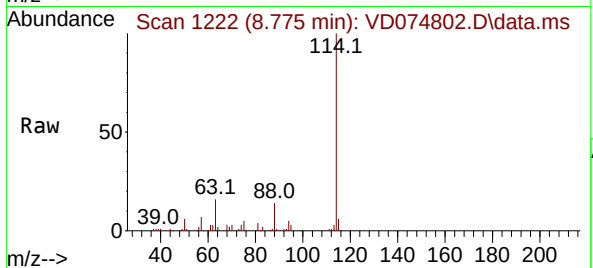
Tgt Ion:114 Resp: 158504

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 73.635 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074802.D

Acq: 08 Nov 2022 14:12

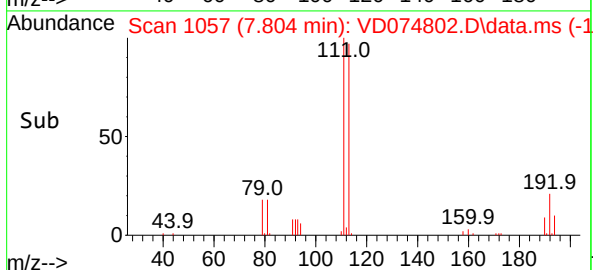
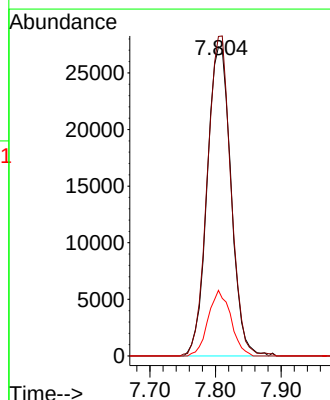
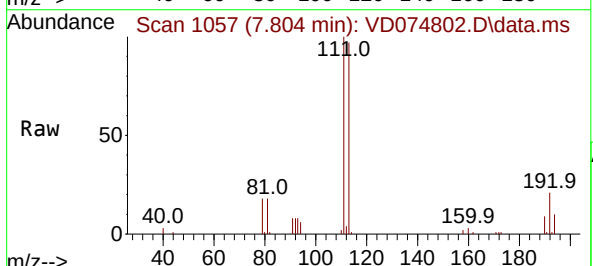
Tgt Ion:113 Resp: 69041

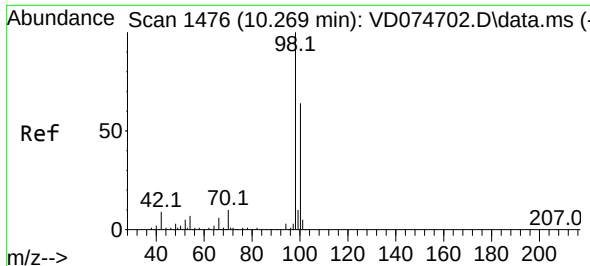
Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

192 20.1 16.4 24.6

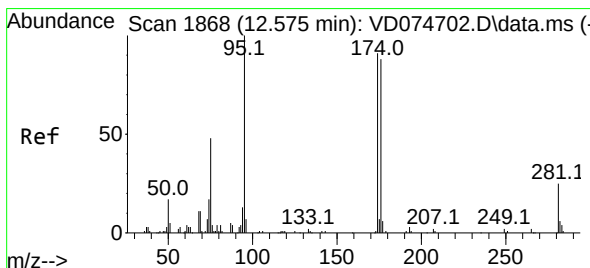
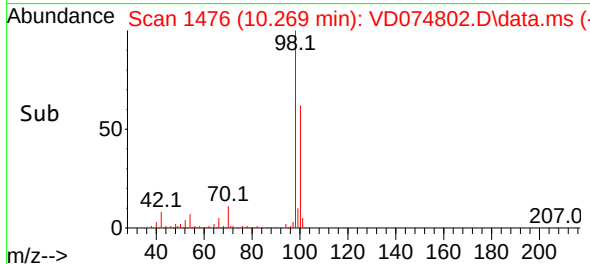
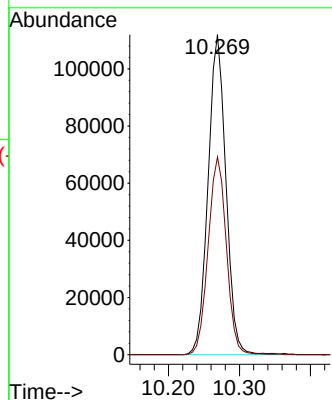
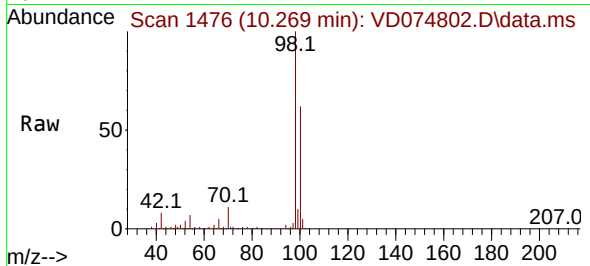




#50
Toluene-d8
Concen: 57.190 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

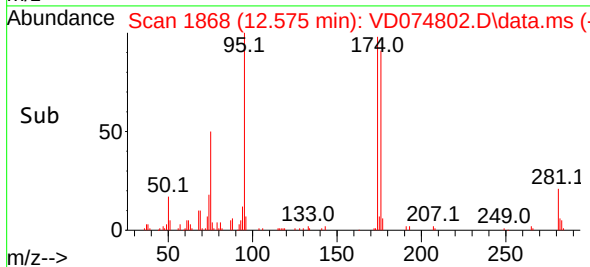
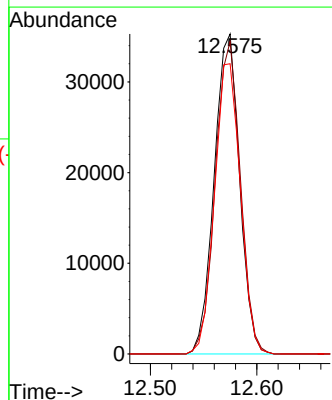
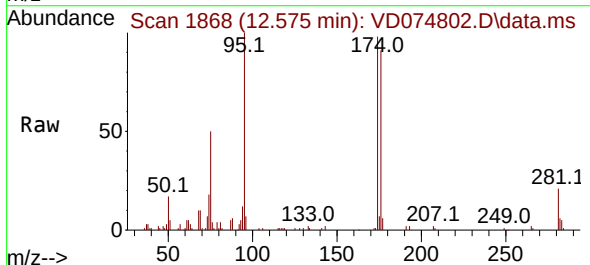
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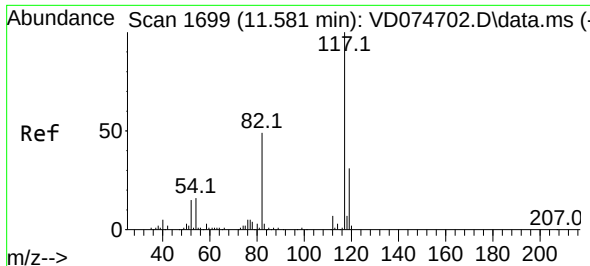
Tgt Ion: 98 Resp: 195599
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 59.129 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Tgt Ion: 95 Resp: 58390
Ion Ratio Lower Upper
95 100
174 96.7 0.0 197.0
176 92.7 0.0 182.6

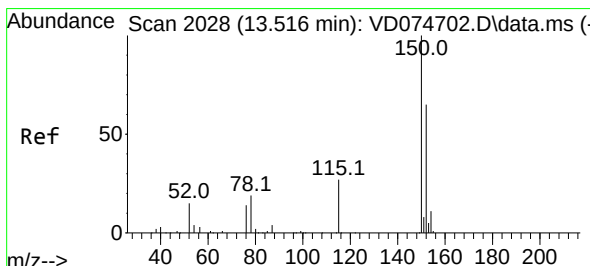
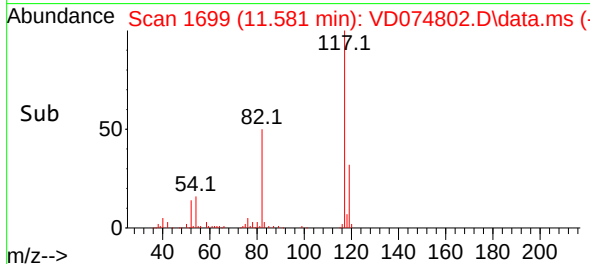
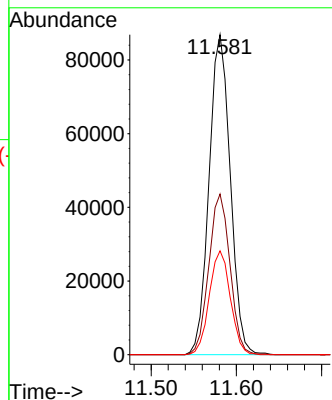
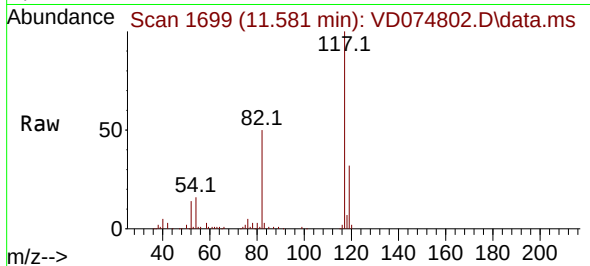




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Instrument :
MSVOA_D
ClientSampleId :
R-19

Tgt Ion:117 Resp: 150514
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 32.4 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: VD074802.D
Acq: 08 Nov 2022 14:12

Tgt Ion:152 Resp: 66537
Ion Ratio Lower Upper
152 100
115 54.4 26.8 80.4
150 157.5 0.0 348.2

