

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074958.D
 Acq On : 16 Nov 2022 19:31
 Operator : VA/SY
 Sample : N5642-13
 Misc : 6.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-33

Quant Time: Nov 17 00:22:21 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	126445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	232742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	94002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66431	82.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.960%#
35) Dibromofluoromethane	7.811	113	79639	55.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.020%
50) Toluene-d8	10.269	98	289241	61.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.400%
62) 4-Bromofluorobenzene	12.575	95	81483	56.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.300%

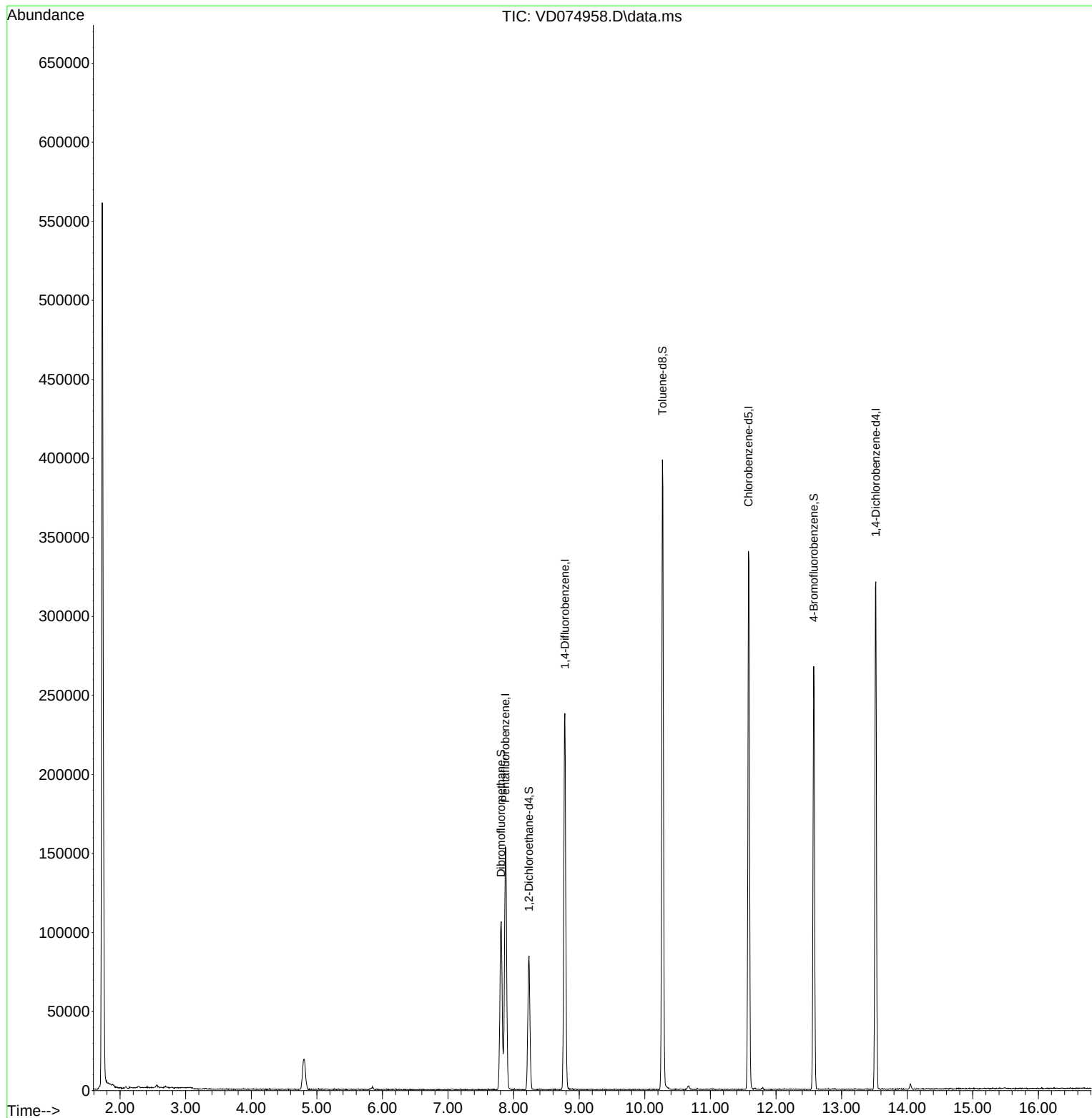
Target Compounds	Qvalue

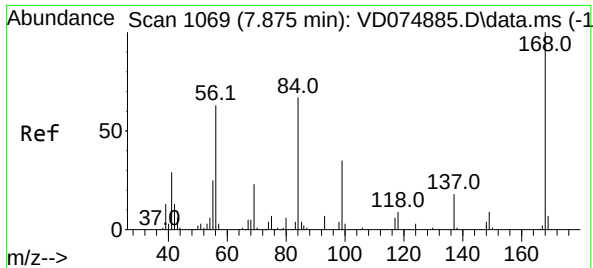
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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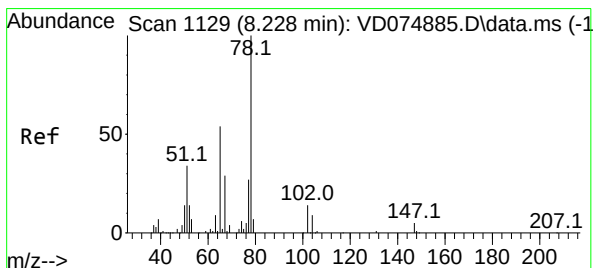
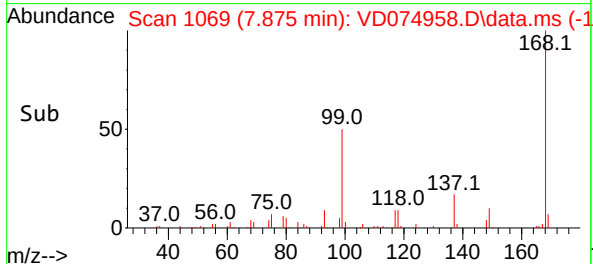
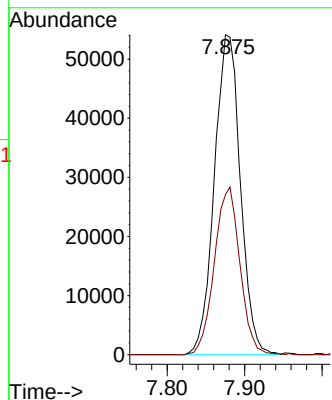
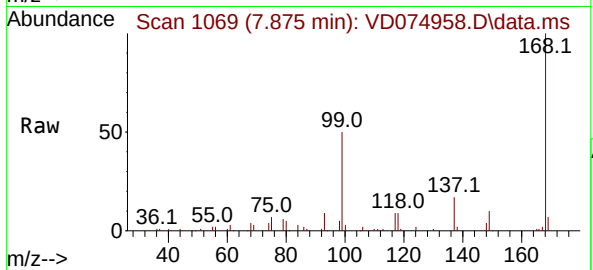




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074958.D
Acq: 16 Nov 2022 19:31

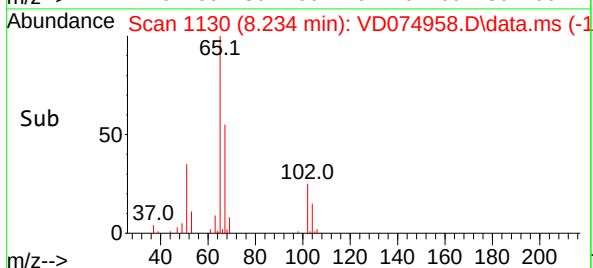
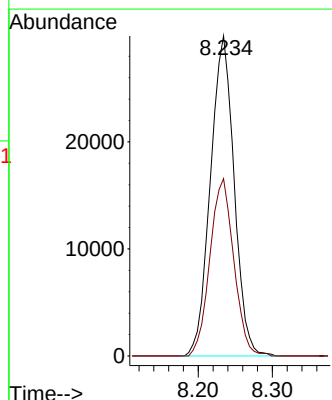
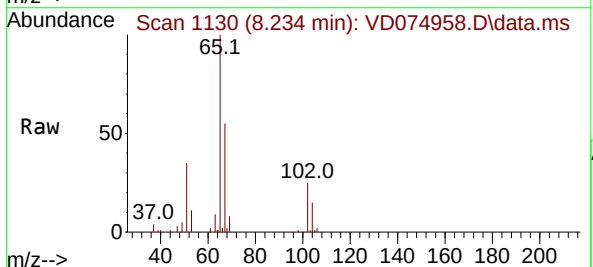
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-33

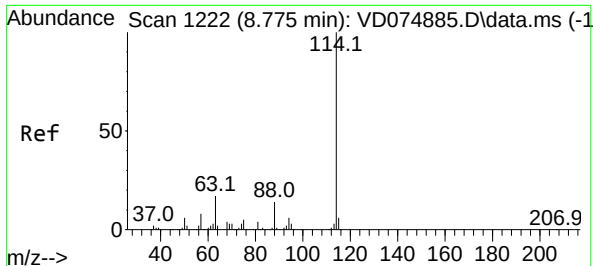
Tgt Ion:168 Resp: 126445
Ion Ratio Lower Upper
168 100
99 50.0 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 82.975 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074958.D
Acq: 16 Nov 2022 19:31

Tgt Ion: 65 Resp: 66431
Ion Ratio Lower Upper
65 100
67 55.8 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: VD074958.D

Acq: 16 Nov 2022 19:31

Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-33

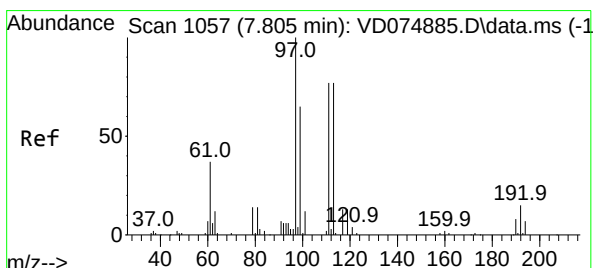
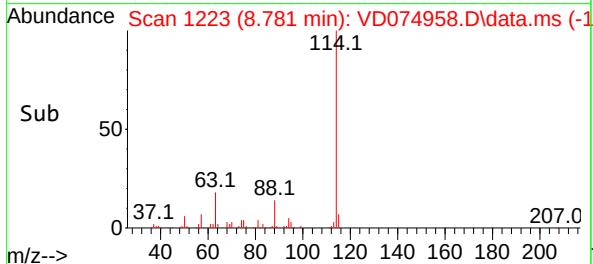
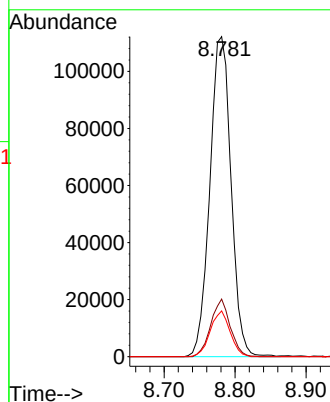
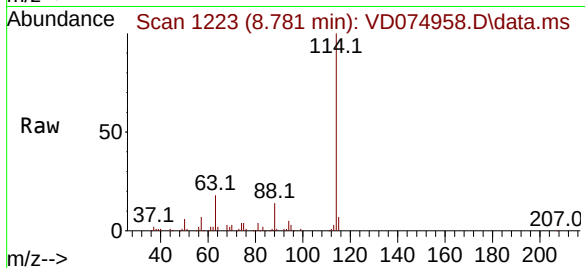
Tgt Ion:114 Resp: 232742

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.2

88 14.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.509 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074958.D

Acq: 16 Nov 2022 19:31

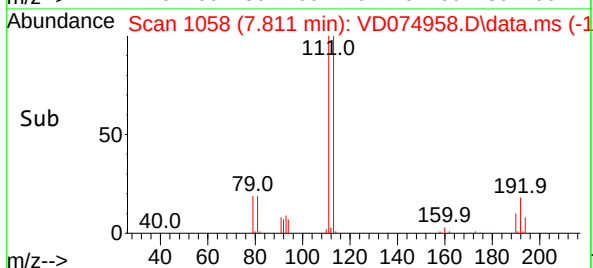
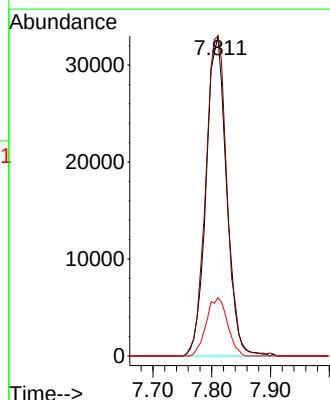
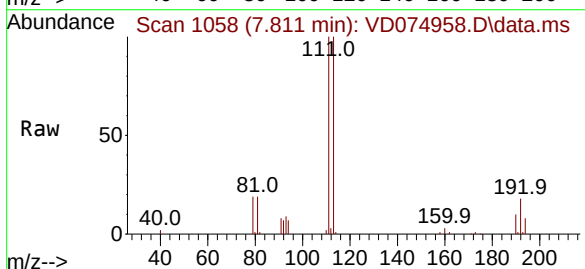
Tgt Ion:113 Resp: 79639

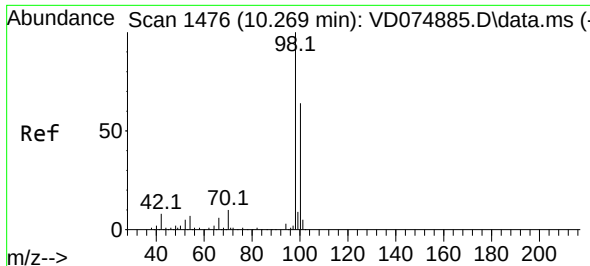
Ion Ratio Lower Upper

113 100

111 104.0 82.3 123.5

192 18.9 16.4 24.6

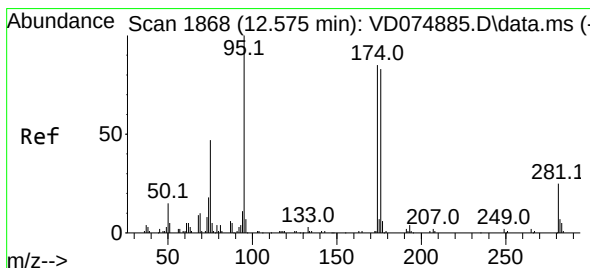
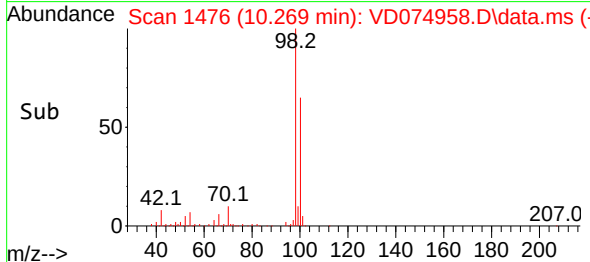
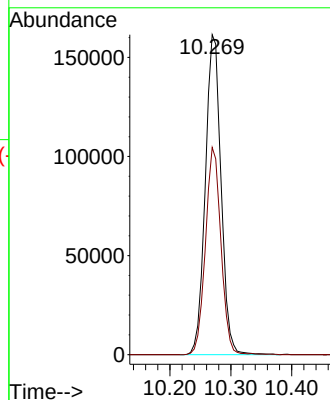
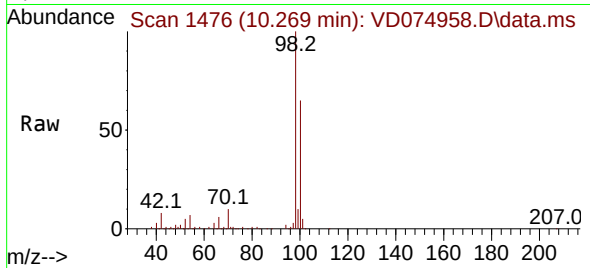




#50
Toluene-d8
Concen: 61.203 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074958.D
Acq: 16 Nov 2022 19:31

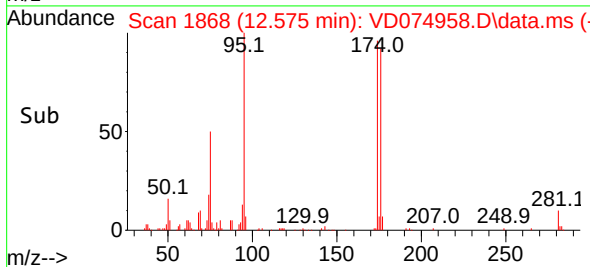
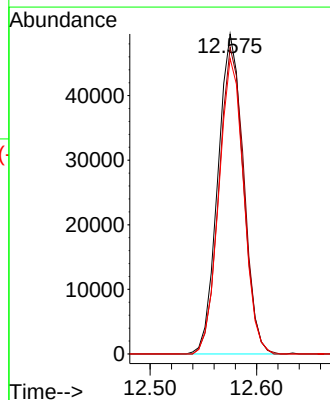
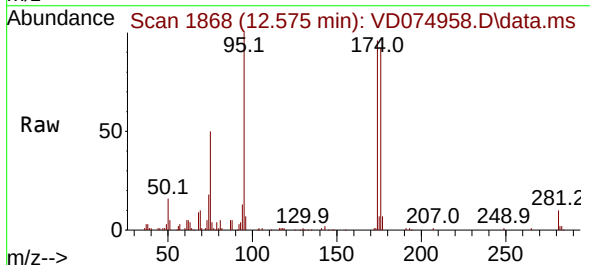
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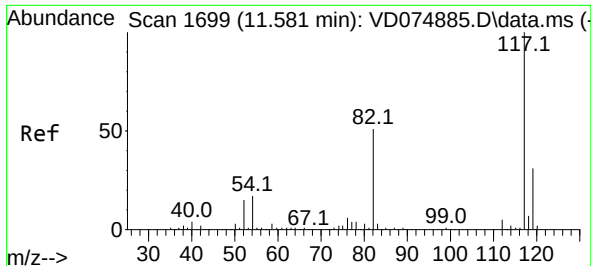
Tgt Ion: 98 Resp: 289241
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 56.150 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD074958.D
Acq: 16 Nov 2022 19:31

Tgt Ion: 95 Resp: 81483
Ion Ratio Lower Upper
95 100
174 94.9 0.0 197.0
176 90.6 0.0 182.6

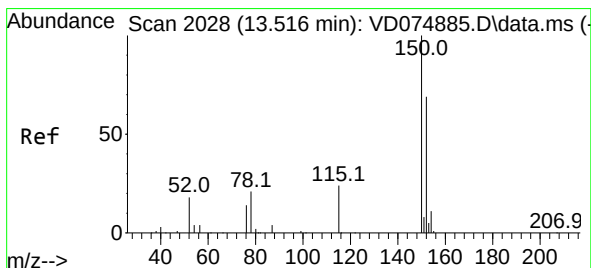
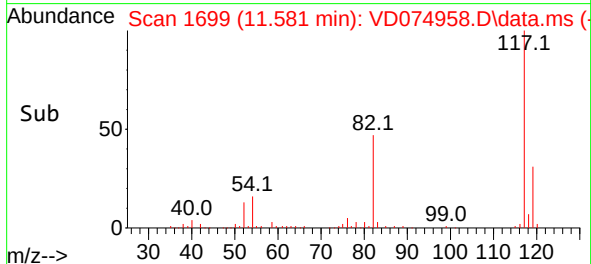
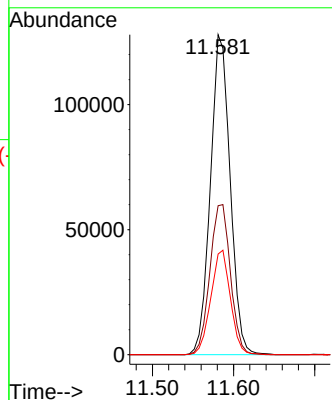
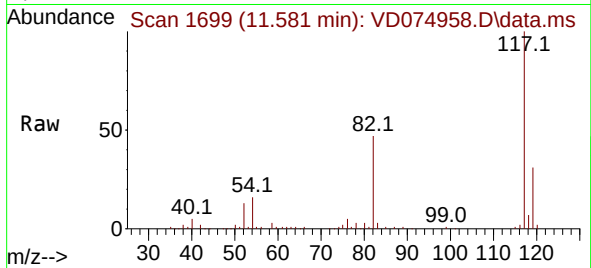




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074958.D
Acq: 16 Nov 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-33

Tgt Ion:117 Resp: 215969
Ion Ratio Lower Upper
117 100
82 46.5 41.6 62.4
119 31.4 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: VD074958.D
Acq: 16 Nov 2022 19:31

Tgt Ion:152 Resp: 94002
Ion Ratio Lower Upper
152 100
115 56.3 26.8 80.4
150 158.7 0.0 348.2

