

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076774.D
 Acq On : 18 Jul 2023 13:24
 Operator : KP/SY
 Sample : 03652-01
 Misc : 5.64G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP19

Quant Time: Jul 19 06:42:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	140119	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	335716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	320149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	139505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	94073	67.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.820%
35) Dibromofluoromethane	7.804	113	112814	53.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.940%
50) Toluene-d8	10.269	98	419405	55.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.140%
62) 4-Bromofluorobenzene	12.575	95	120596	49.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.780%

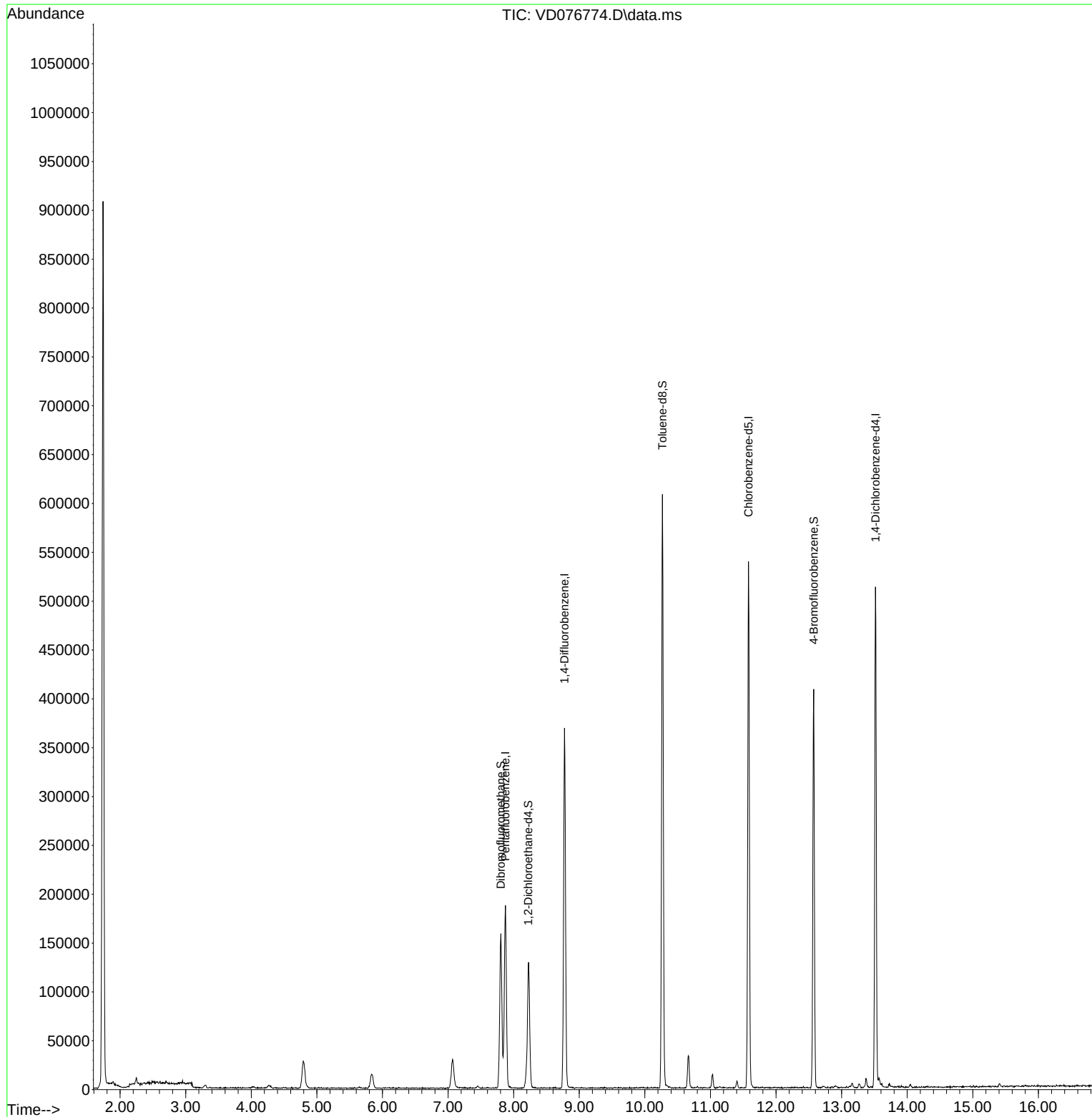
Target Compounds	Qvalue

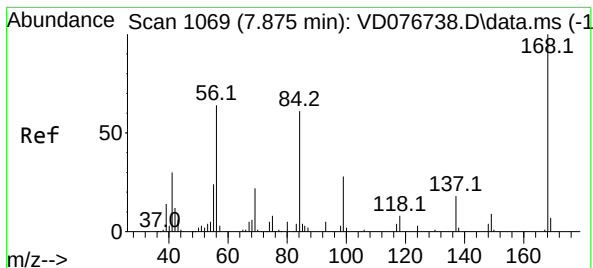
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076774.D

Acq: 18 Jul 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

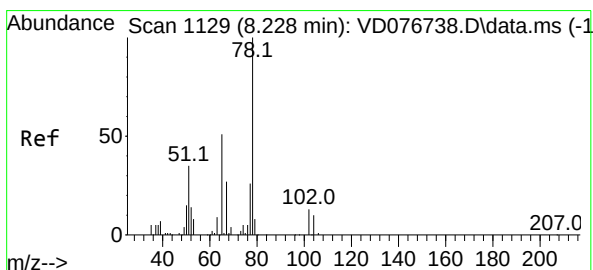
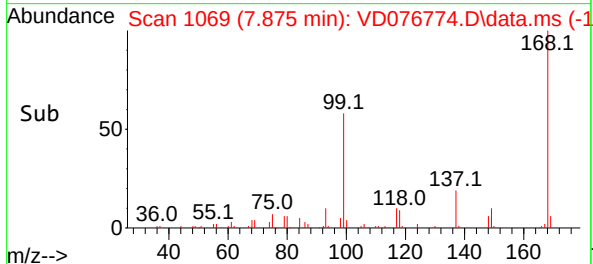
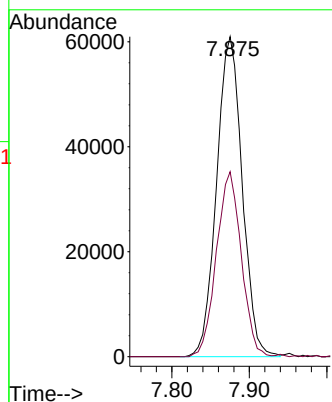
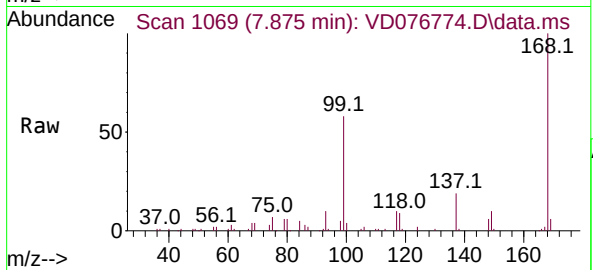
TP19

Tgt Ion:168 Resp: 140119

Ion Ratio Lower Upper

168 100

99 57.8 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 67.405 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD076774.D

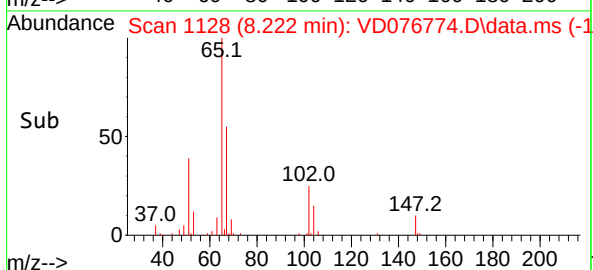
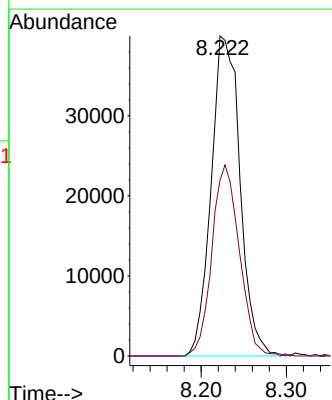
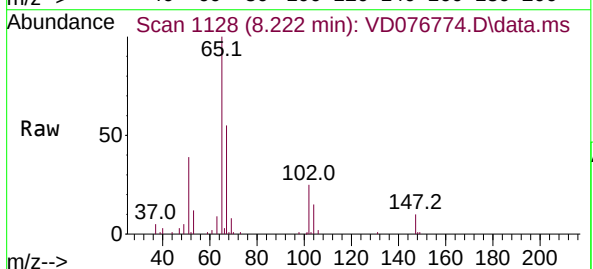
Acq: 18 Jul 2023 13:24

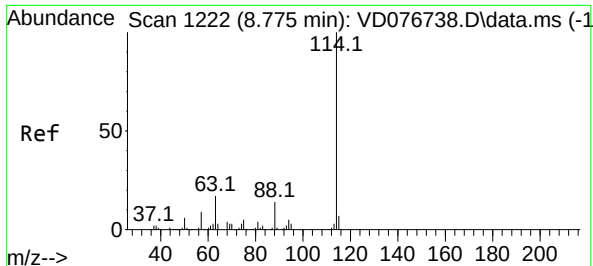
Tgt Ion: 65 Resp: 94073

Ion Ratio Lower Upper

65 100

67 56.8 0.0 115.0

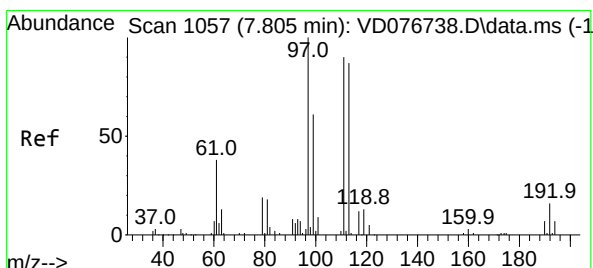
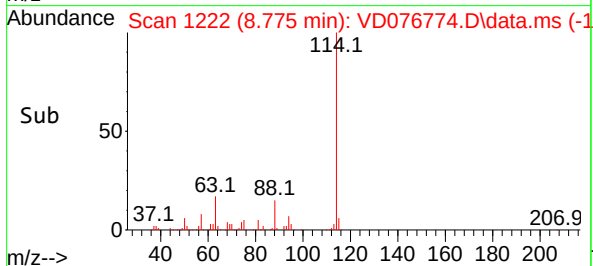
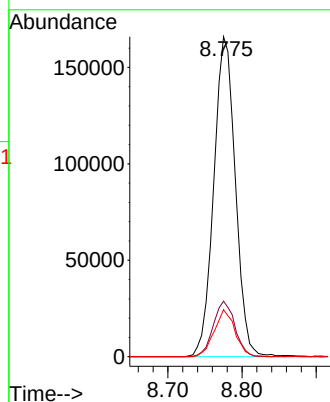
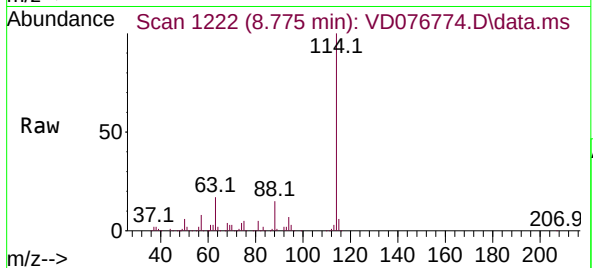




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076774.D
Acq: 18 Jul 2023 13:24

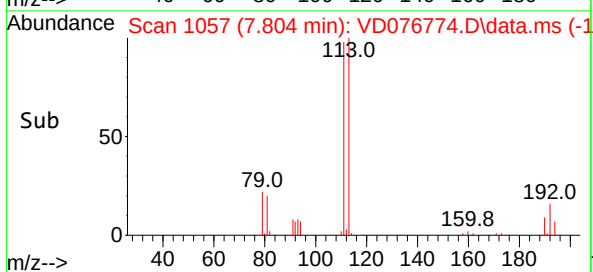
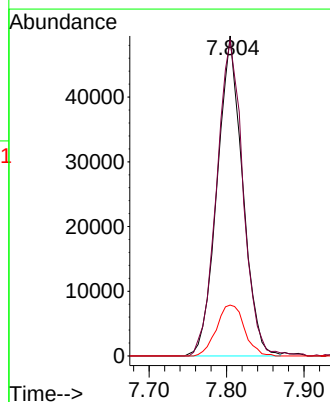
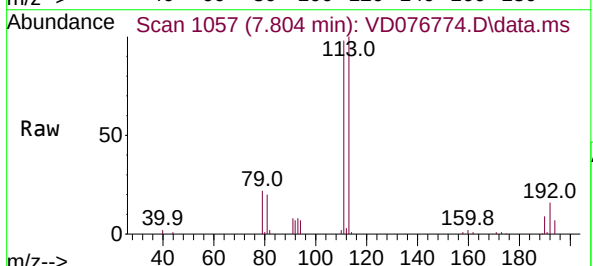
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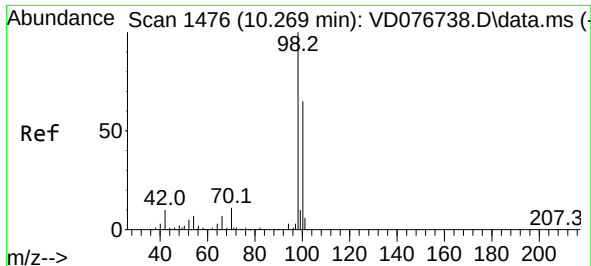
Tgt Ion:114 Resp: 335716
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 14.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.475 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076774.D
Acq: 18 Jul 2023 13:24

Tgt Ion:113 Resp: 112814
Ion Ratio Lower Upper
113 100
111 102.9 84.7 127.1
192 17.5 16.8 25.2

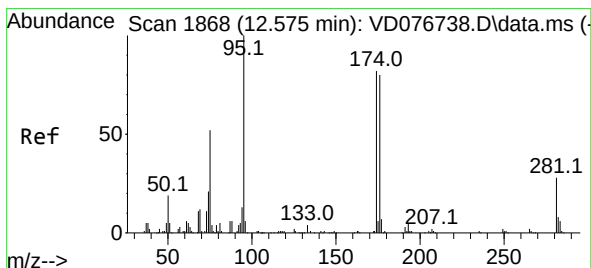
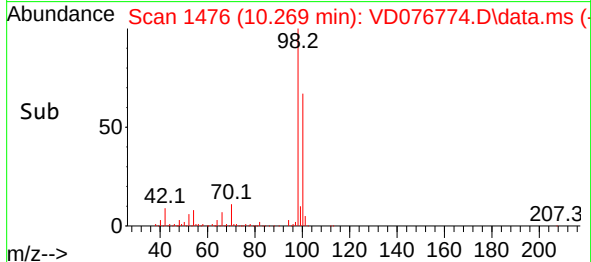
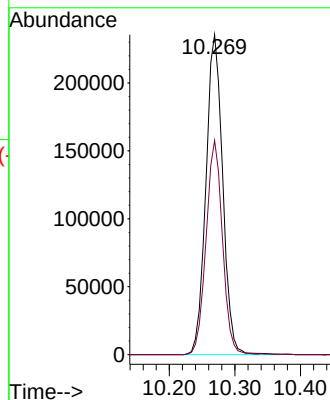
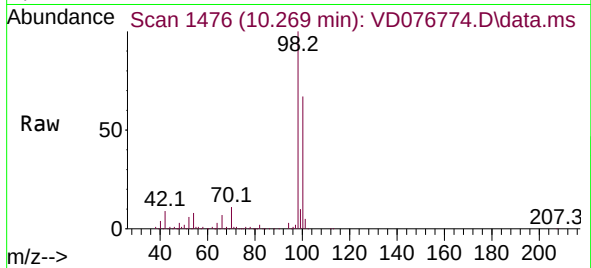




#50
Toluene-d8
Concen: 55.572 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076774.D
Acq: 18 Jul 2023 13:24

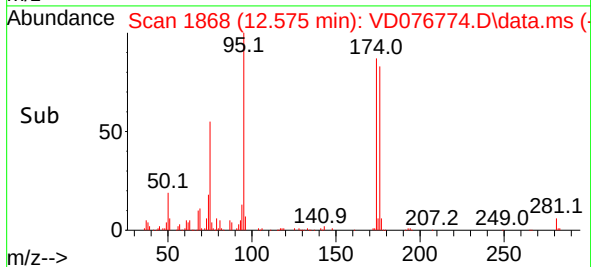
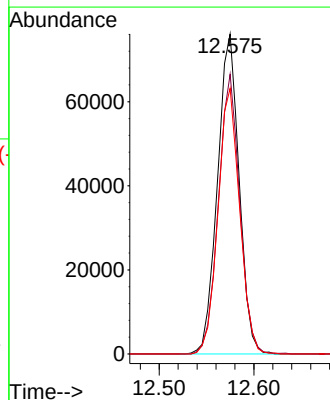
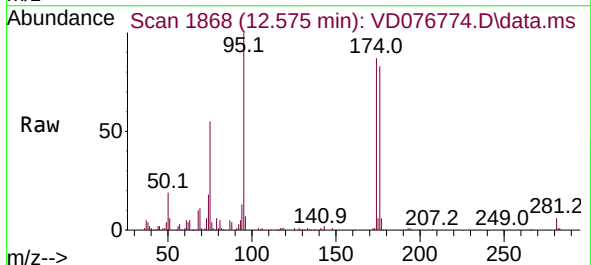
Instrument :
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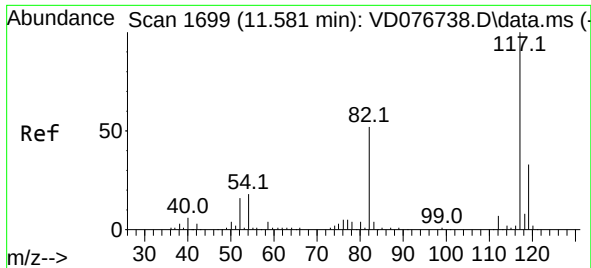
Tgt Ion: 98 Resp: 419405
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.395 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076774.D
Acq: 18 Jul 2023 13:24

Tgt Ion: 95 Resp: 120596
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 82.9 0.0 191.8

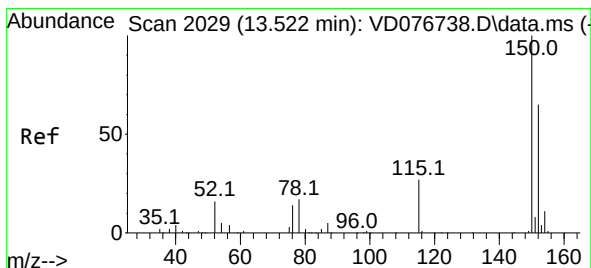
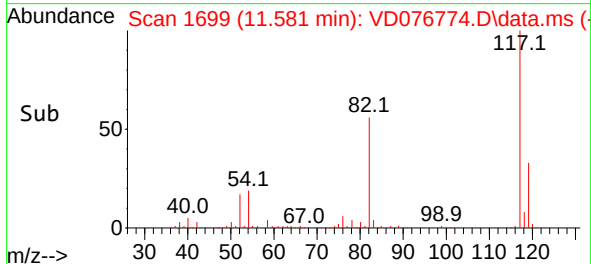
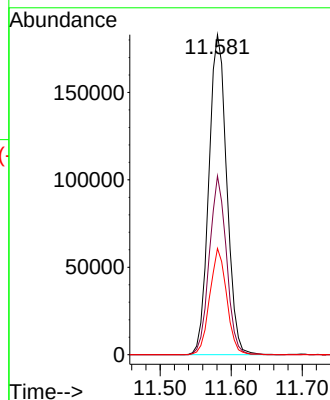
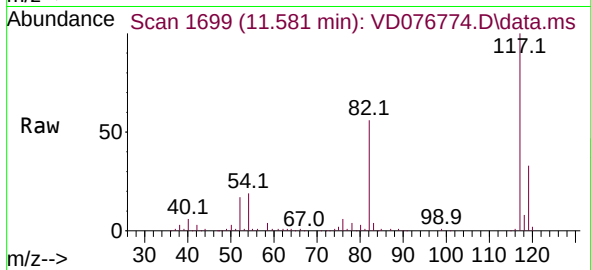




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076774.D
Acq: 18 Jul 2023 13:24

Instrument :
MSVOA_D
ClientSampleId :
TP19

Tgt Ion:117 Resp: 320149
Ion Ratio Lower Upper
117 100
82 55.8 38.3 57.5
119 33.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076774.D
Acq: 18 Jul 2023 13:24

Tgt Ion:152 Resp: 139505
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 155.4 0.0 353.6

