

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076479.D
 Acq On : 19 Jun 2023 19:46
 Operator : KP/SY
 Sample : 03289-13
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-12.0-14.0

Quant Time: Jun 20 05:28:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	1503	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	3374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3446	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	1492	99.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.160%#
35) Dibromofluoromethane	7.799	113	467	23.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	46.600%#
50) Toluene-d8	10.275	98	3946	51.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.569	95	1410	57.154	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.300%

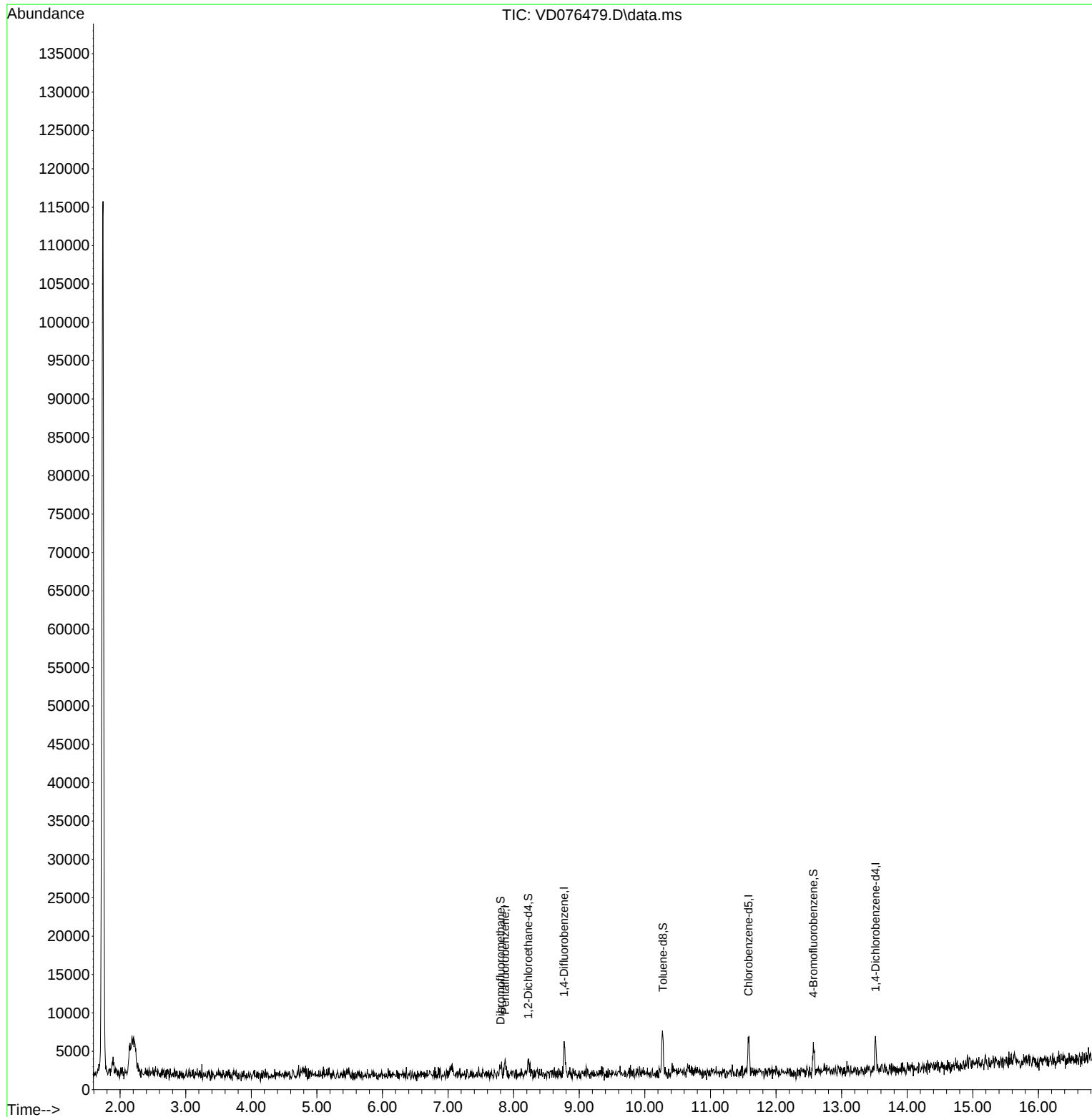
Target Compounds	Qvalue

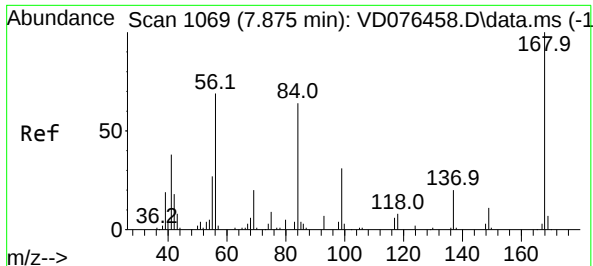
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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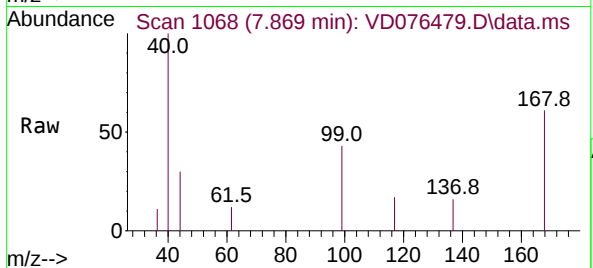
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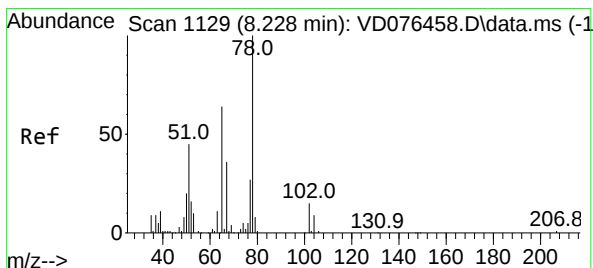
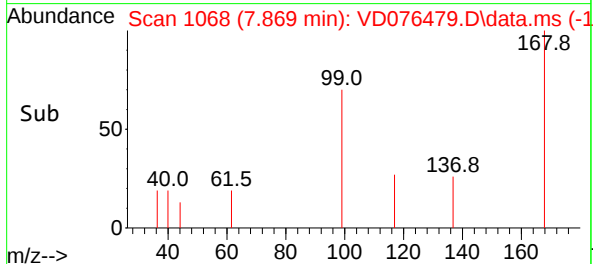
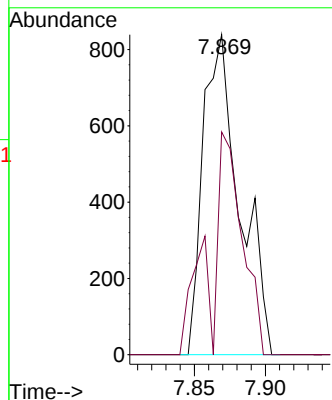


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076479.D
Acq: 19 Jun 2023 19:46

Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

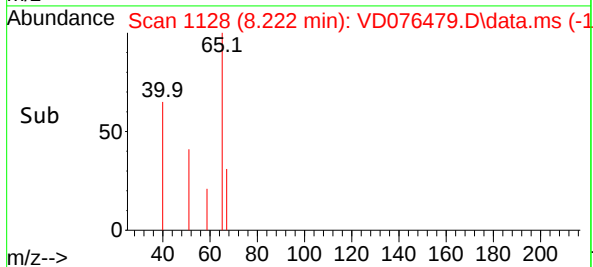
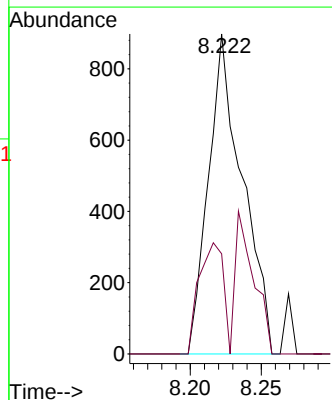
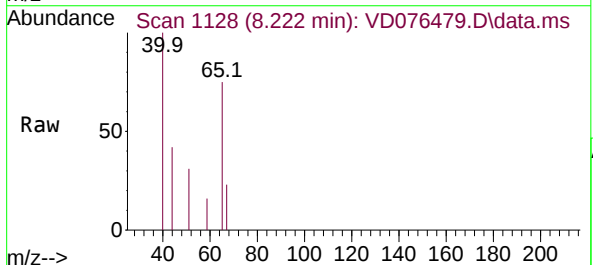


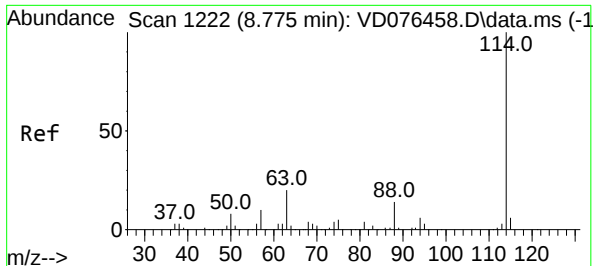
Tgt Ion:168 Resp: 1503
Ion Ratio Lower Upper
168 100
99 69.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 99.078 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076479.D
Acq: 19 Jun 2023 19:46

Tgt Ion: 65 Resp: 1492
Ion Ratio Lower Upper
65 100
67 24.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076479.D

Acq: 19 Jun 2023 19:46

Instrument :

MSVOA_D

ClientSampleId :

SB-05-12.0-14.0

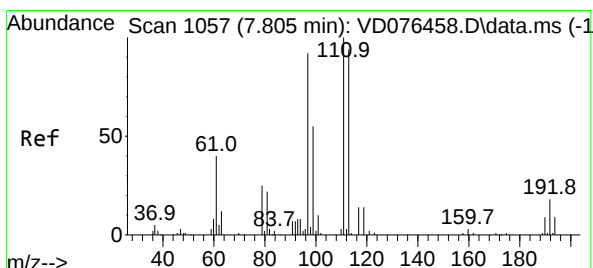
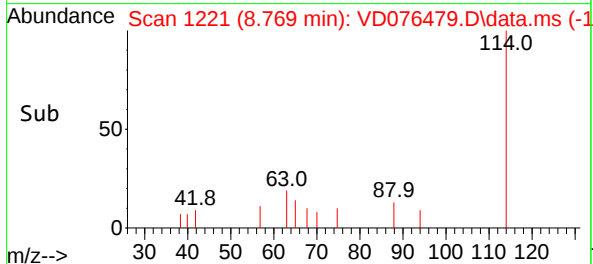
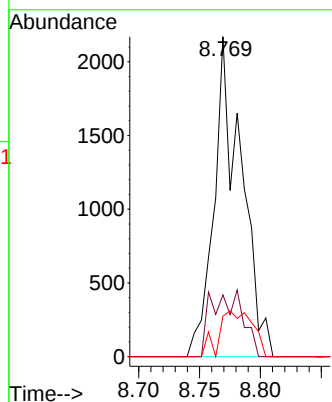
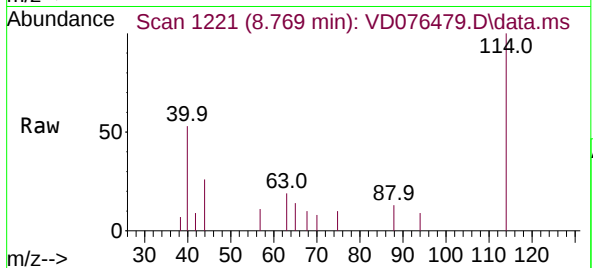
Tgt Ion:114 Resp: 3374

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 12.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 23.299 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076479.D

Acq: 19 Jun 2023 19:46

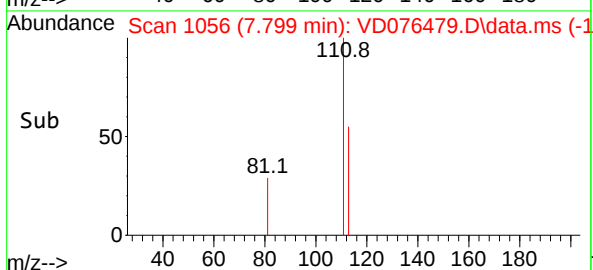
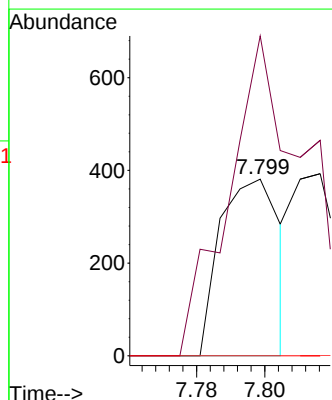
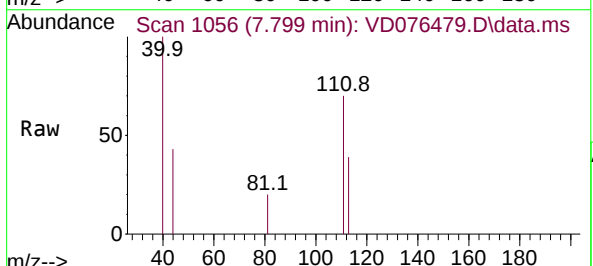
Tgt Ion:113 Resp: 467

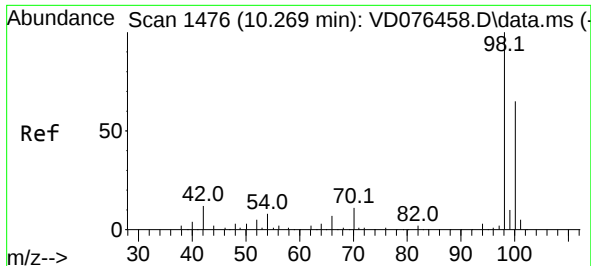
Ion Ratio Lower Upper

113 100

111 222.5 84.7 127.1#

192 0.0 16.8 25.2#

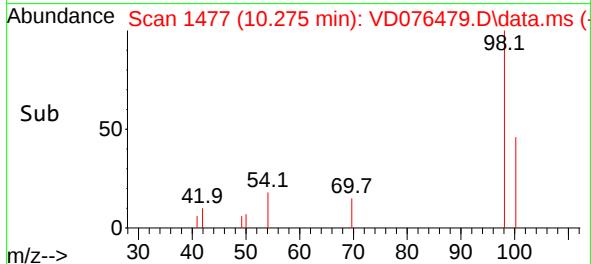
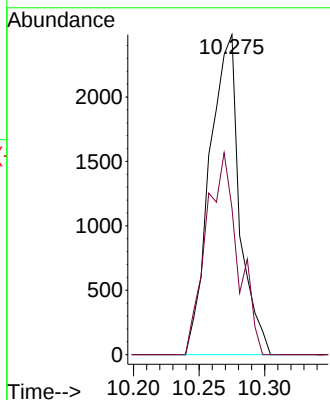
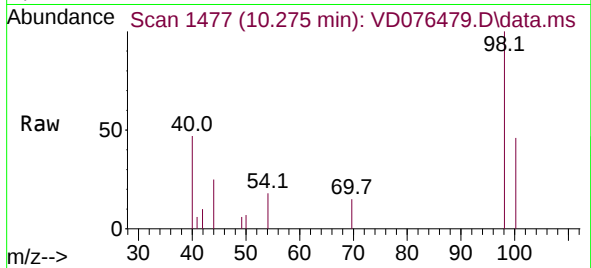




#50
Toluene-d8
Concen: 51.910 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD076479.D
Acq: 19 Jun 2023 19:46

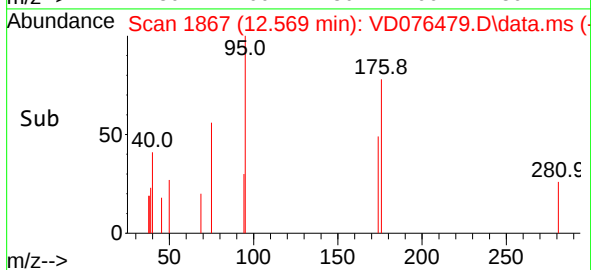
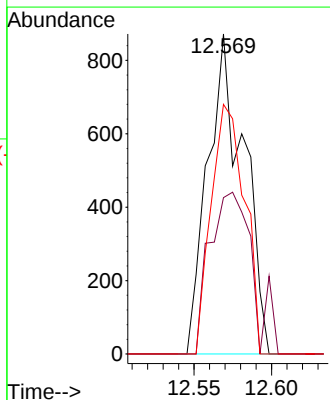
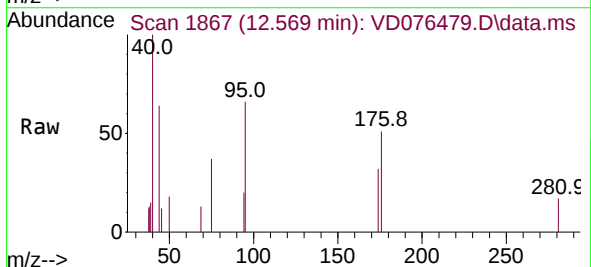
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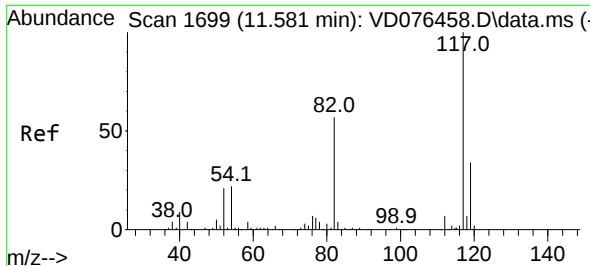
Tgt Ion: 98 Resp: 3946
Ion Ratio Lower Upper
98 100
100 67.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.154 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076479.D
Acq: 19 Jun 2023 19:46

Tgt Ion: 95 Resp: 1410
Ion Ratio Lower Upper
95 100
174 59.9 0.0 201.8
176 72.3 0.0 191.8

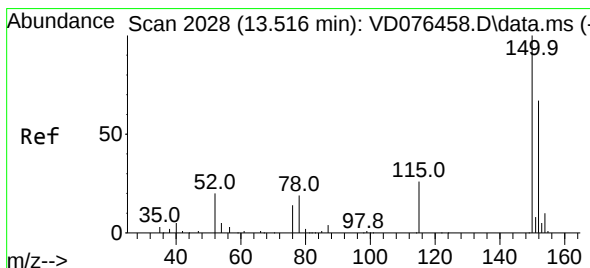
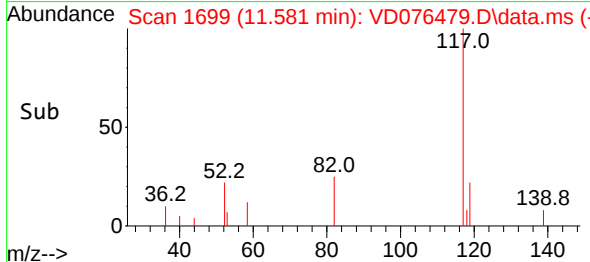
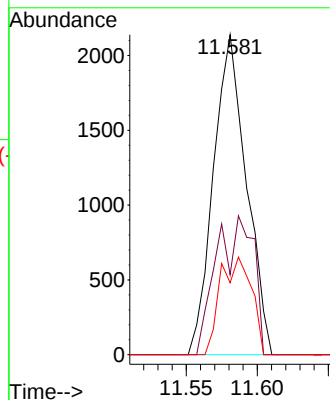
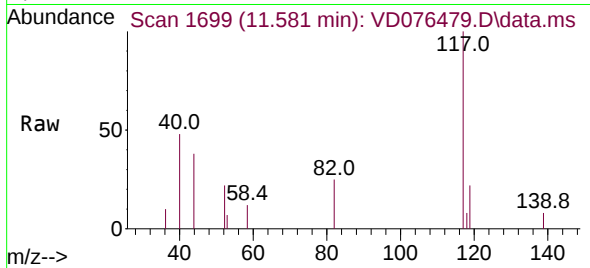




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076479.D
Acq: 19 Jun 2023 19:46

Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

Tgt Ion:117 Resp: 3446
Ion Ratio Lower Upper
117 100
82 25.0 38.3 57.5#
119 22.4 25.0 37.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076479.D
Acq: 19 Jun 2023 19:46

Tgt Ion:152 Resp: 1095
Ion Ratio Lower Upper
152 100
115 60.5 27.1 81.3
150 213.3 0.0 353.6

