

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076728.D
 Acq On : 12 Jul 2023 12:38
 Operator : KP/SY
 Sample : 03570-03
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-071023

Quant Time: Jul 12 12:55:50 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	7.875	168	103943	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	206801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	63878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66347	63.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.420%
35) Dibromofluoromethane	7.804	113	66830	54.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.800%
50) Toluene-d8	10.269	98	216776	46.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.060%
62) 4-Bromofluorobenzene	12.575	95	62412	41.275	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.540%

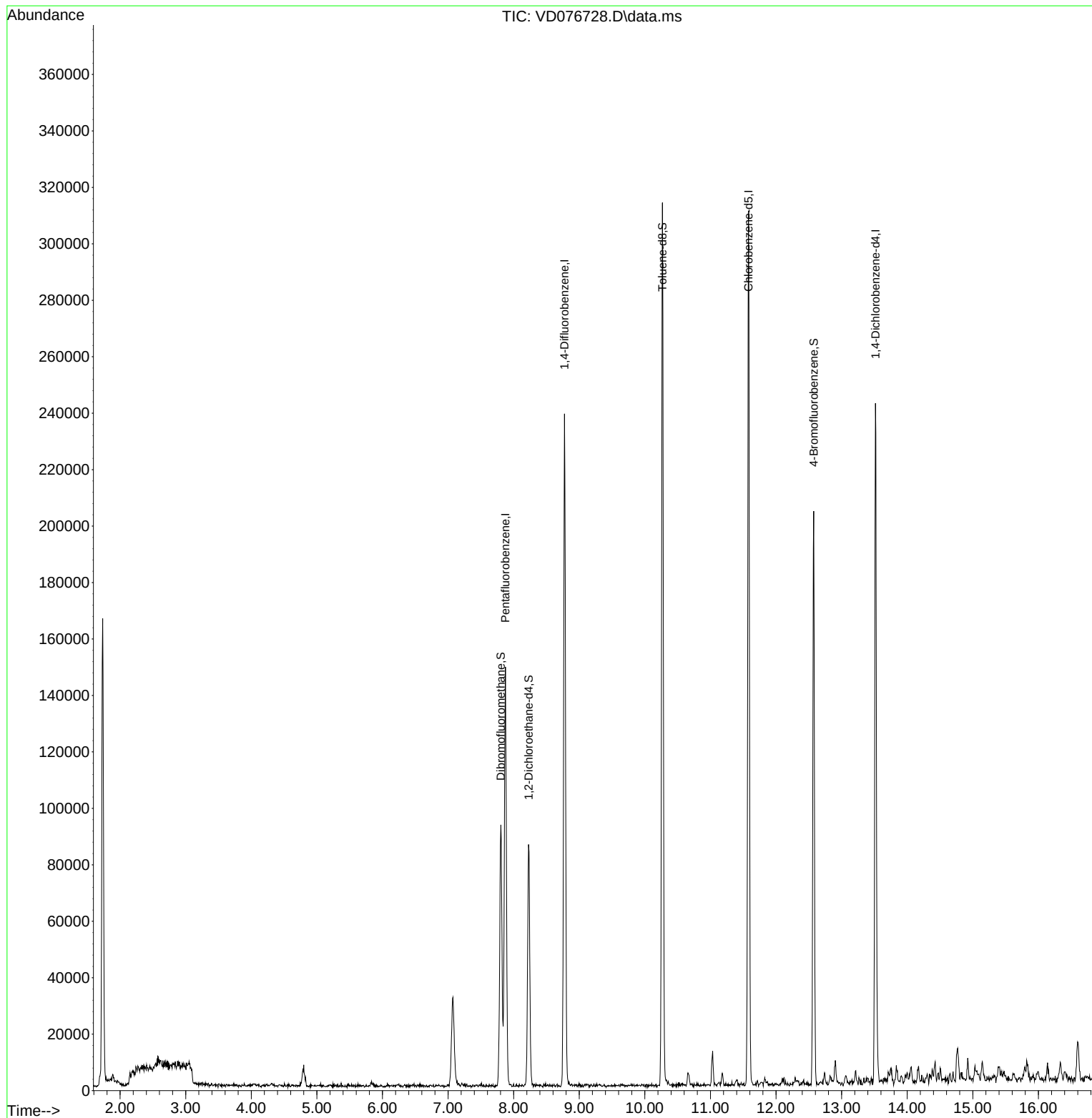
Target Compounds	Qvalue

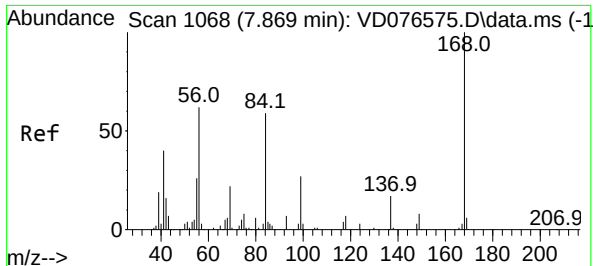
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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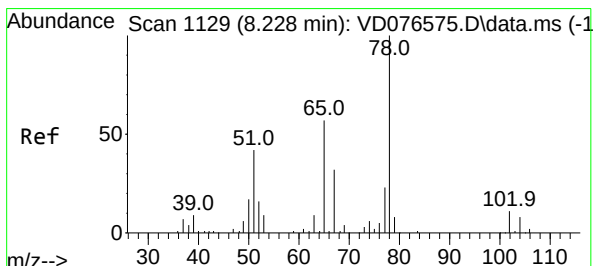
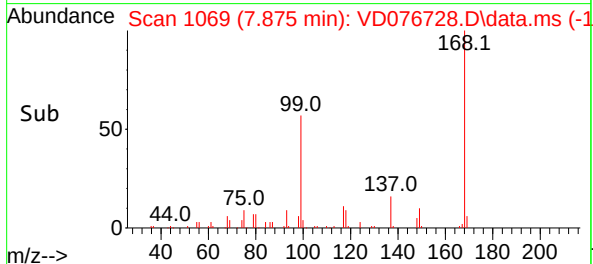
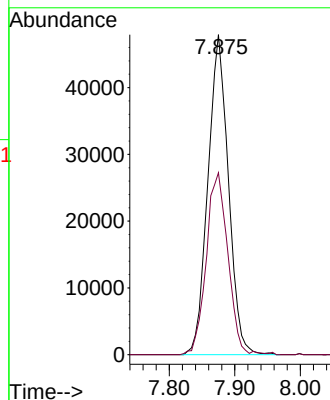
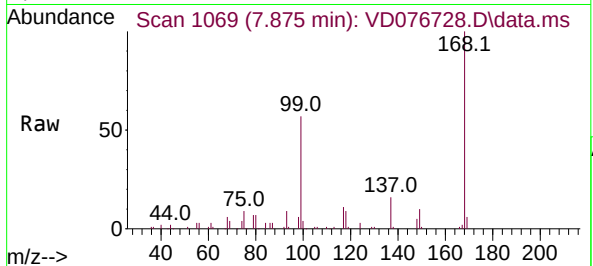




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD076728.D
Acq: 12 Jul 2023 12:38

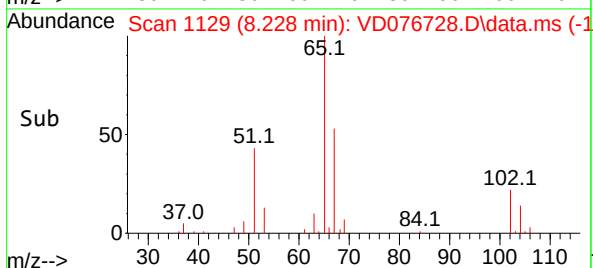
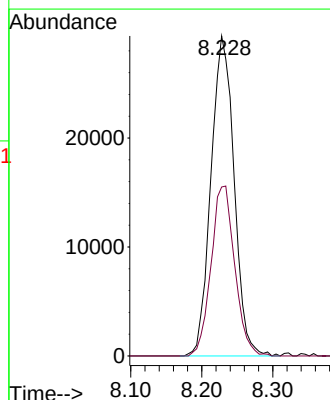
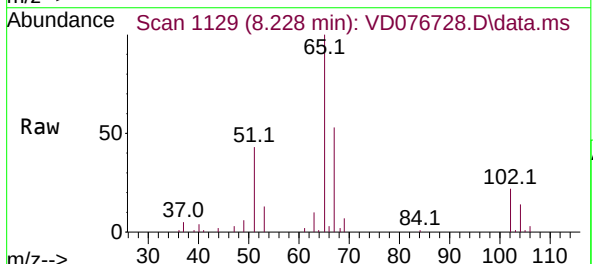
Instrument :
MSVOA_D
ClientSampleId :
EO-01-071023

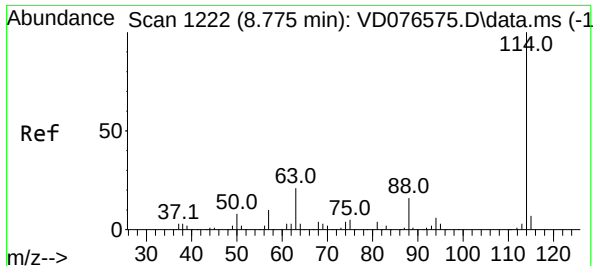
Tgt Ion:168 Resp: 103943
Ion Ratio Lower Upper
168 100
99 56.9 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 63.708 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076728.D
Acq: 12 Jul 2023 12:38

Tgt Ion: 65 Resp: 66347
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076728.D

Acq: 12 Jul 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

EO-01-071023

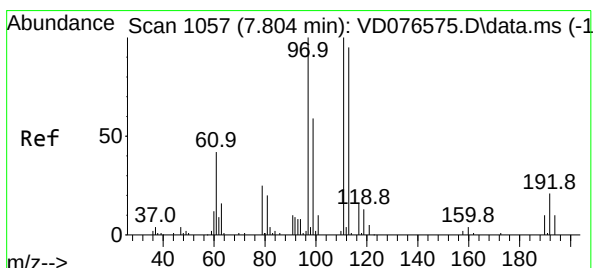
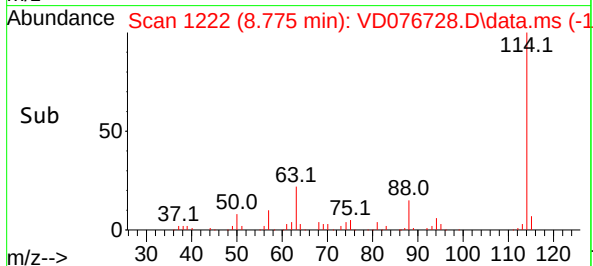
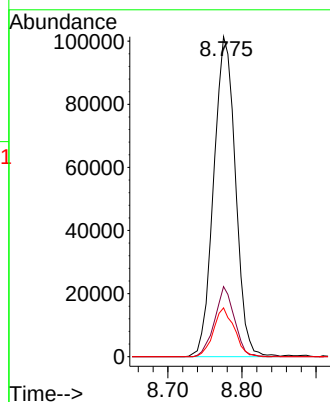
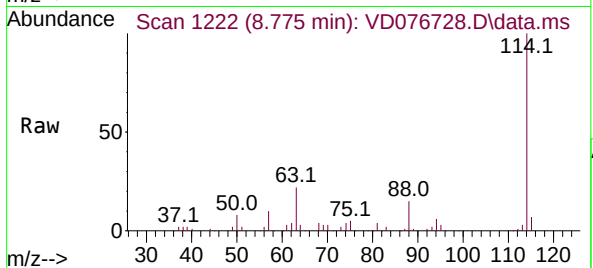
Tgt Ion:114 Resp: 206801

Ion Ratio Lower Upper

114 100

63 21.9 0.0 33.4

88 15.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.398 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076728.D

Acq: 12 Jul 2023 12:38

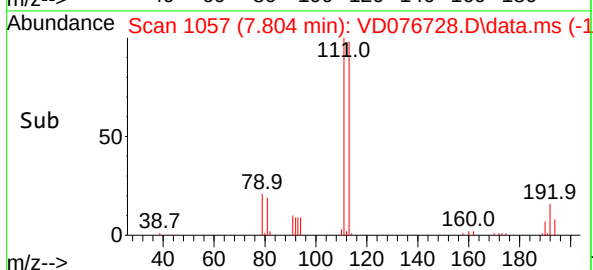
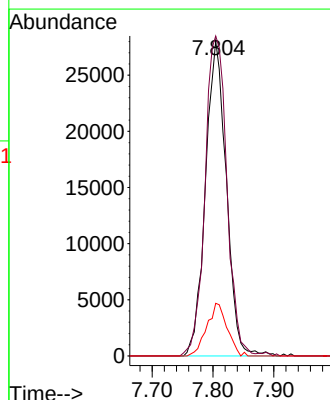
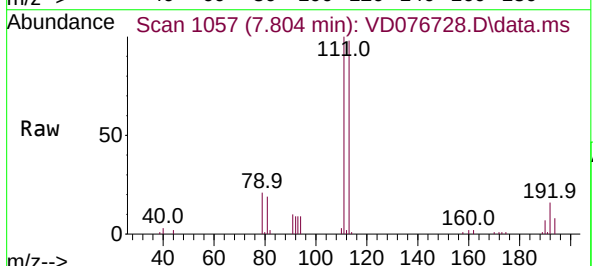
Tgt Ion:113 Resp: 66830

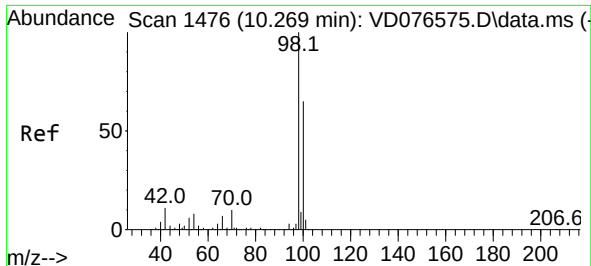
Ion Ratio Lower Upper

113 100

111 106.0 84.7 127.1

192 16.3 16.8 25.2#

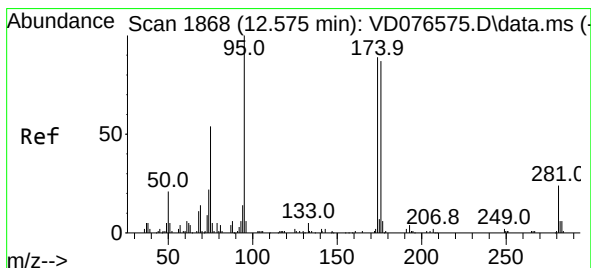
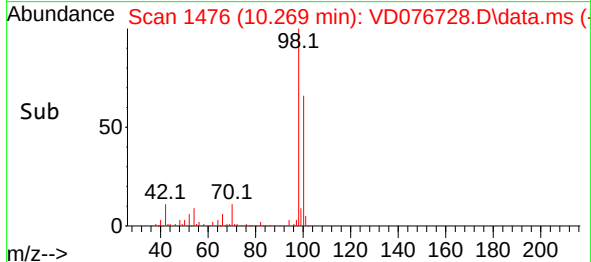
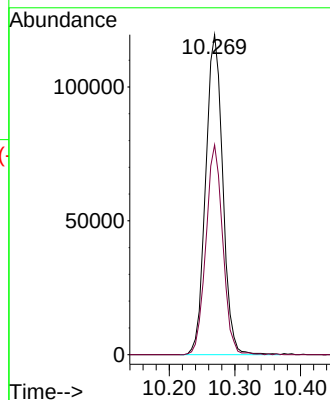
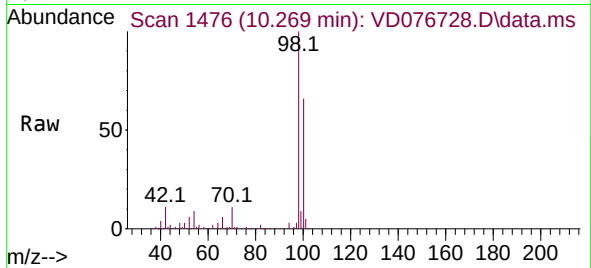




#50
Toluene-d8
Concen: 46.527 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076728.D
Acq: 12 Jul 2023 12:38

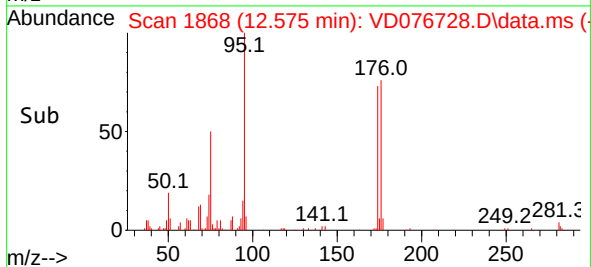
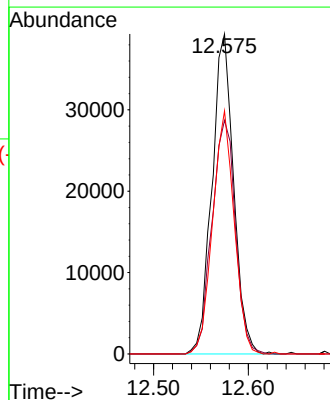
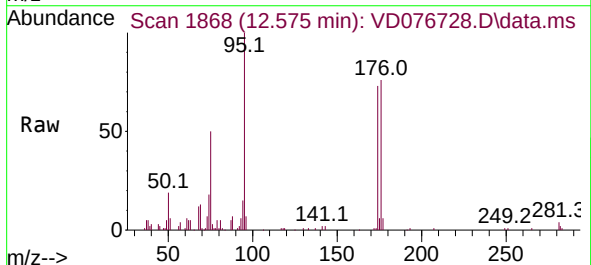
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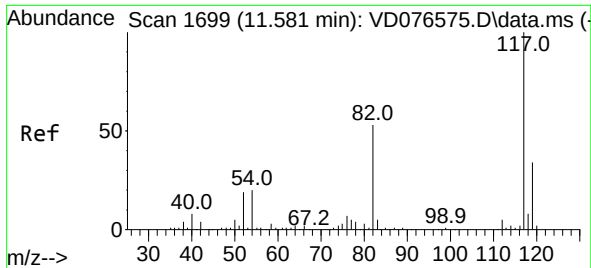
Tgt Ion: 98 Resp: 216776
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.275 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076728.D
Acq: 12 Jul 2023 12:38

Tgt Ion: 95 Resp: 62412
Ion Ratio Lower Upper
95 100
174 79.0 0.0 201.8
176 75.4 0.0 191.8

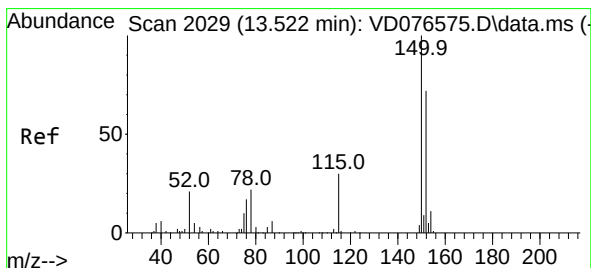
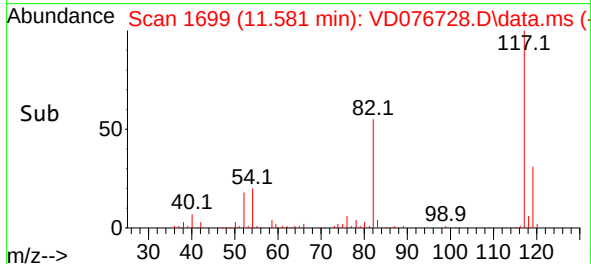
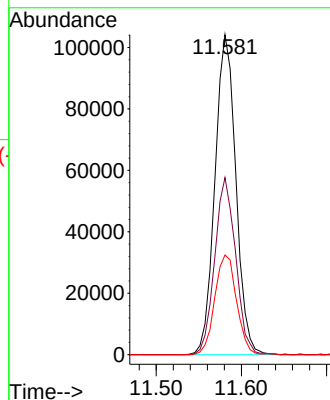
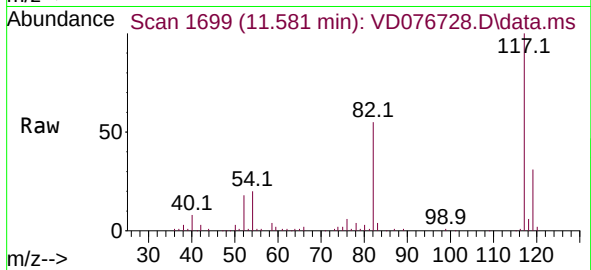




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076728.D
Acq: 12 Jul 2023 12:38

Instrument :
MSVOA_D
ClientSampleId :
EO-01-071023

Tgt Ion:117 Resp: 177722
Ion Ratio Lower Upper
117 100
82 55.4 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076728.D
Acq: 12 Jul 2023 12:38

Tgt Ion:152 Resp: 63878
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.3
150 150.4 0.0 353.6

