

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076761.D
 Acq On : 17 Jul 2023 18:20
 Operator : KP/SY
 Sample : 03638-31
 Misc : 5.68G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7

Quant Time: Jul 18 01:24:28 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)

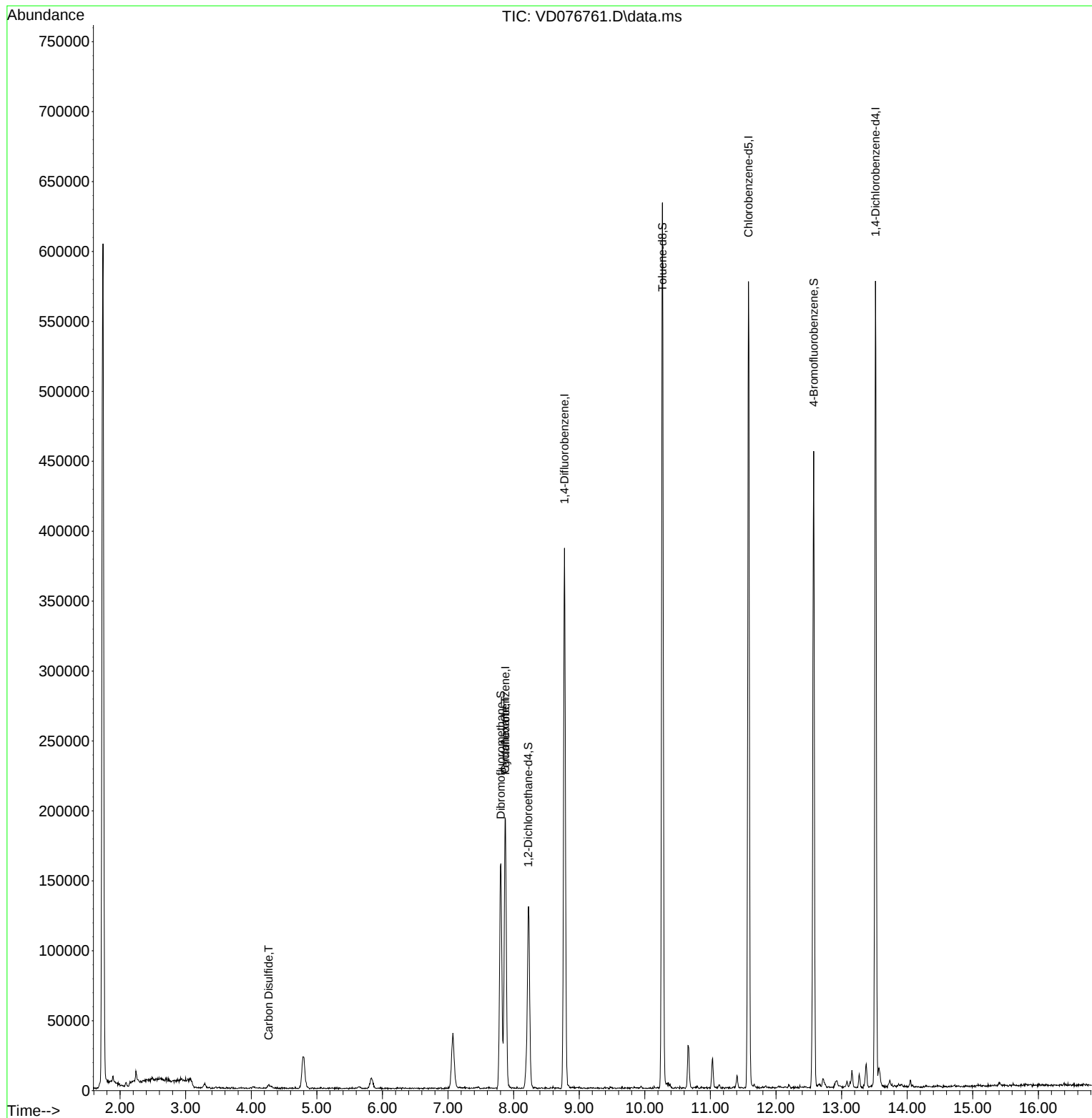
Internal Standards						
1) Pentafluorobenzene	7.875	168	148874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	96474	65.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.120%
35) Dibromofluoromethane	7.805	113	118876	53.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.500%
50) Toluene-d8	10.269	98	447482	56.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.120%
62) 4-Bromofluorobenzene	12.575	95	136265	53.239	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.480%
Target Compounds						Qvalue
17) Carbon Disulfide	4.264	76	4557	1.326	ug/l	99
31) Cyclohexane	7.869	56	3318	1.520	ug/l #	56

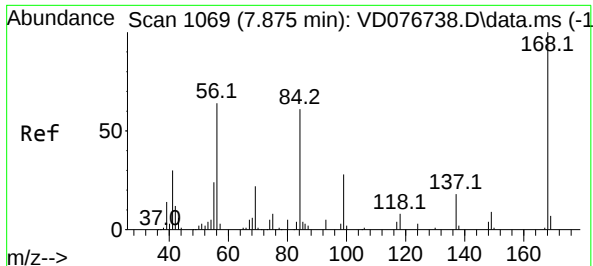
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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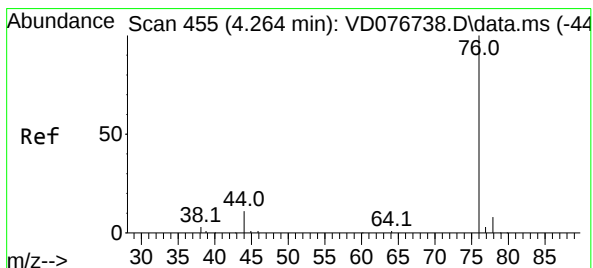
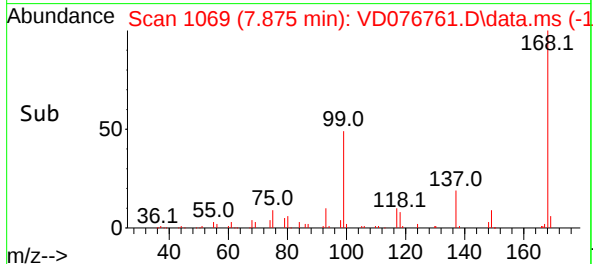
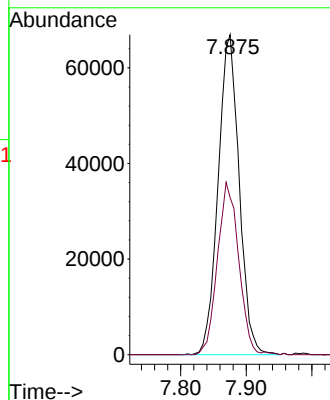
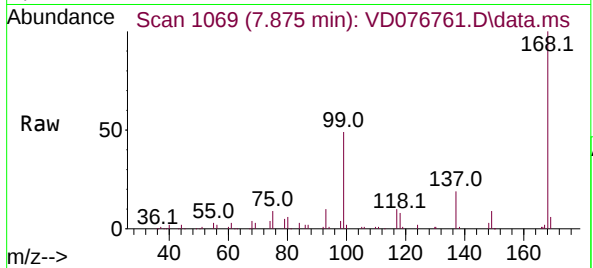




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

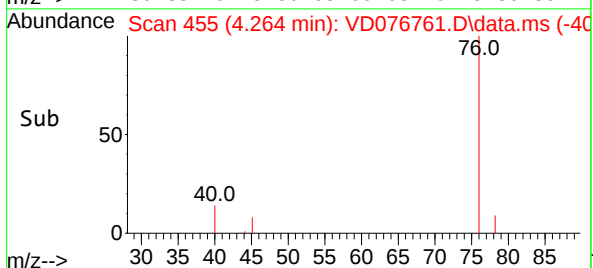
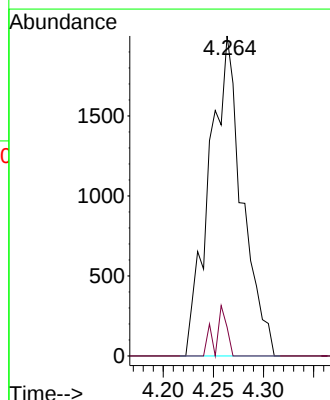
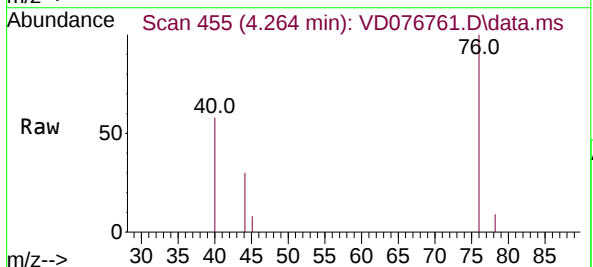
Instrument :
MSVOA_D
ClientSampleId :
TP7

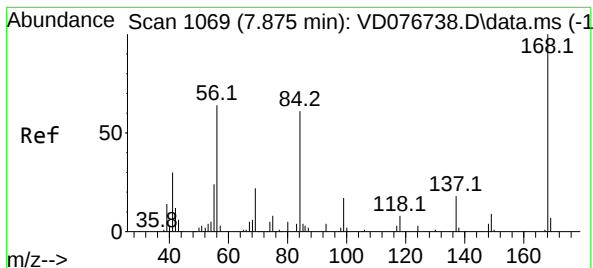
Tgt Ion:168 Resp: 148874
Ion Ratio Lower Upper
168 100
99 49.1 36.7 55.1



#17
Carbon Disulfide
Concen: 1.326 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Tgt Ion: 76 Resp: 4557
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2





#31

Cyclohexane

Concen: 1.520 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076761.D

Acq: 17 Jul 2023 18:20

Instrument :

MSVOA_D

ClientSampleId :

TP7

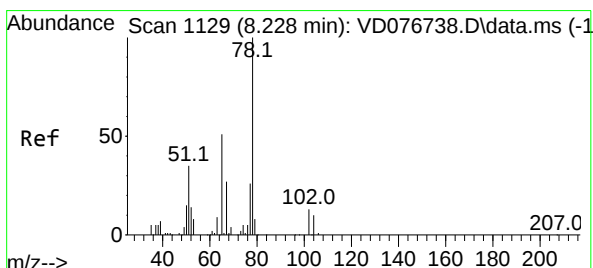
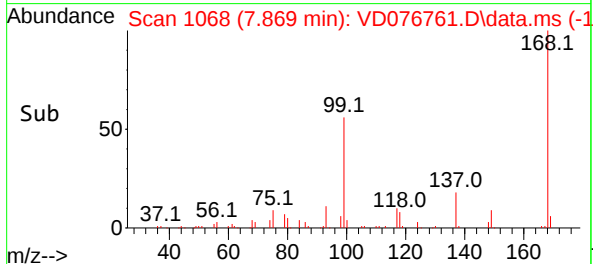
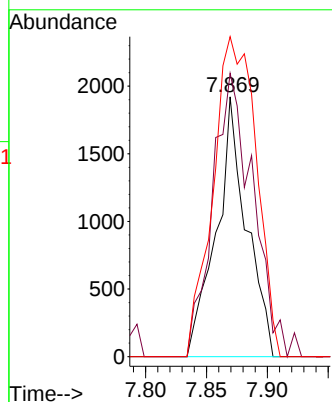
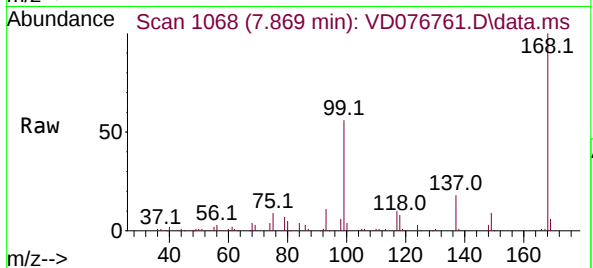
Tgt Ion: 56 Resp: 3318

Ion Ratio Lower Upper

56 100

69 109.1 28.6 43.0#

84 123.2 84.8 127.2



#33

1,2-Dichloroethane-d4

Concen: 65.061 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD076761.D

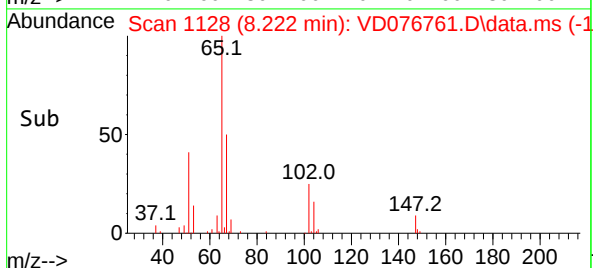
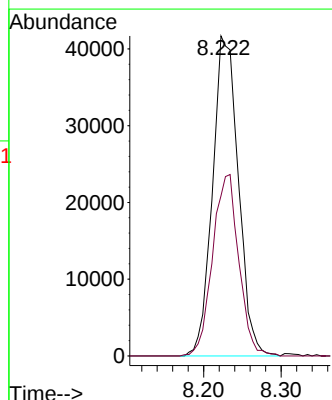
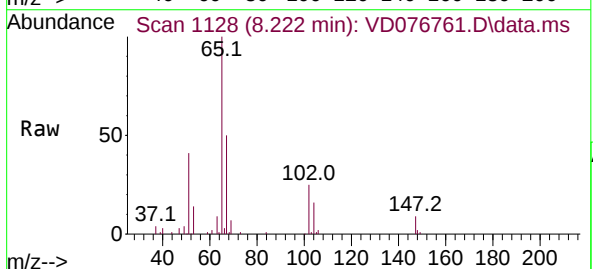
Acq: 17 Jul 2023 18:20

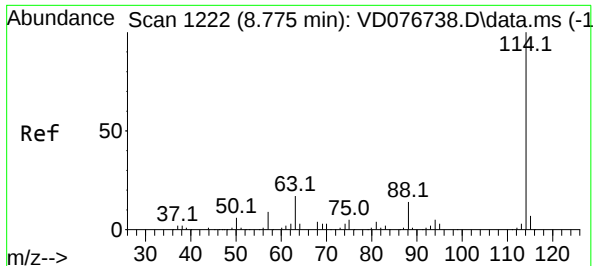
Tgt Ion: 65 Resp: 96474

Ion Ratio Lower Upper

65 100

67 57.5 0.0 115.0

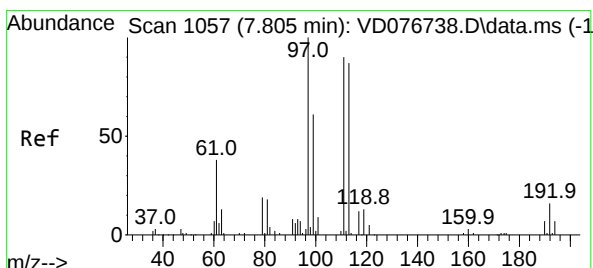
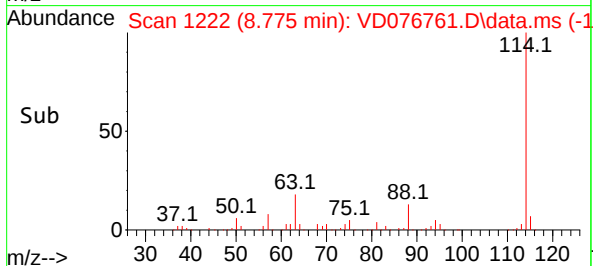
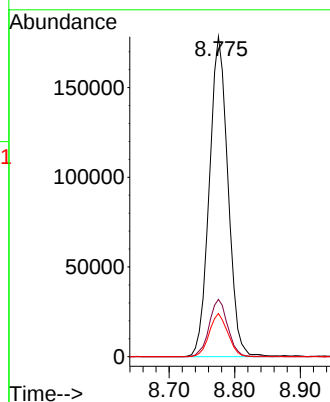
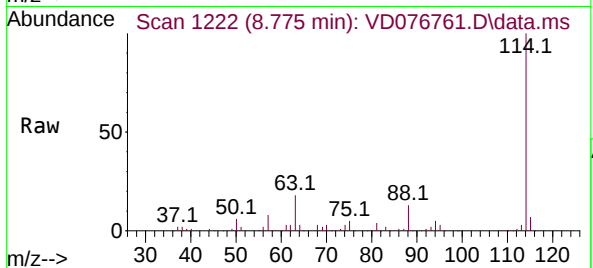




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

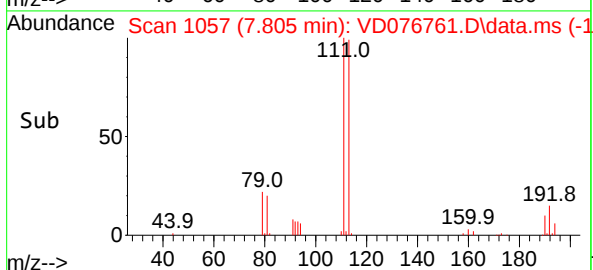
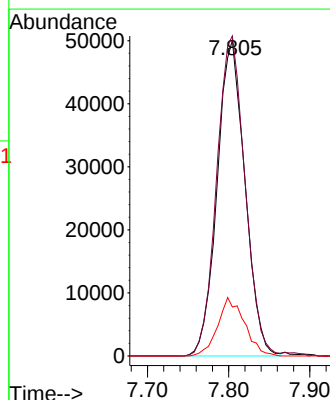
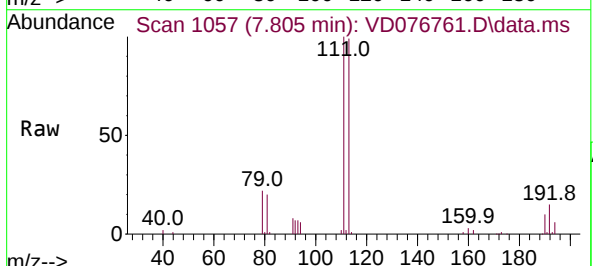
Instrument :
MSVOA_D
ClientSampleId :
TP7

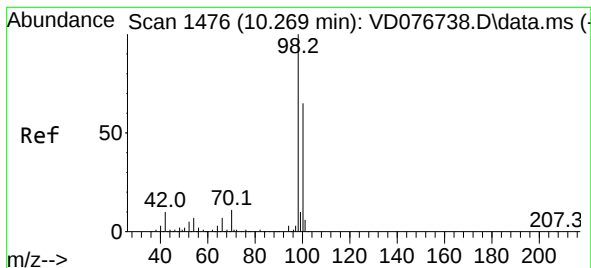
Tgt Ion:114 Resp: 351946
Ion Ratio Lower Upper
114 100
63 17.9 0.0 33.4
88 13.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.750 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Tgt Ion:113 Resp: 118876
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 17.9 16.8 25.2





#50

Toluene-d8

Concen: 56.558 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076761.D

Acq: 17 Jul 2023 18:20

Instrument :

MSVOA_D

ClientSampleId :

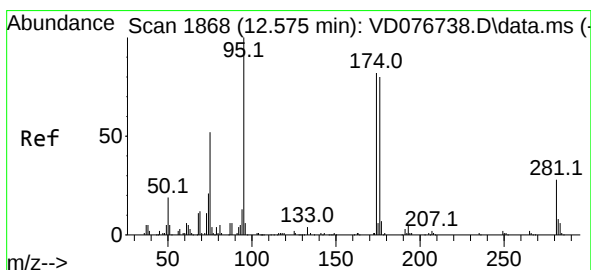
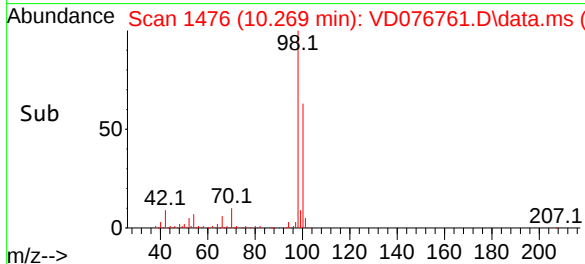
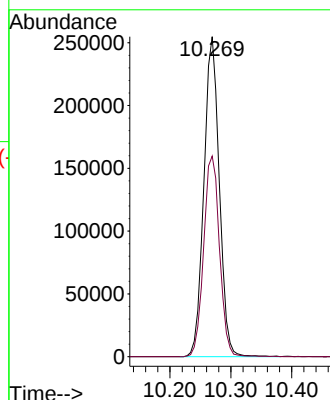
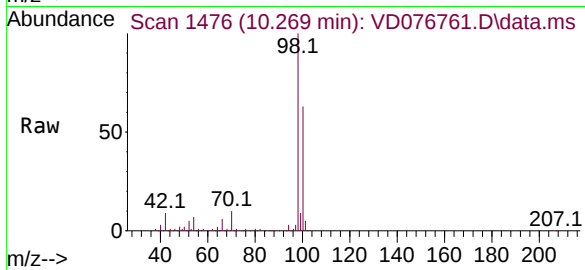
TP7

Tgt Ion: 98 Resp: 447482

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 53.239 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076761.D

Acq: 17 Jul 2023 18:20

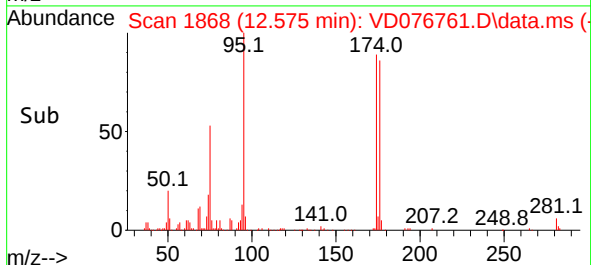
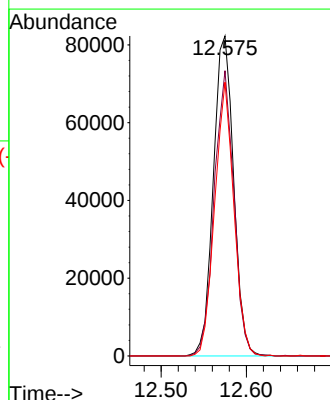
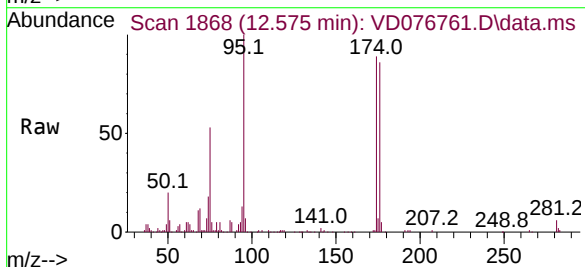
Tgt Ion: 95 Resp: 136265

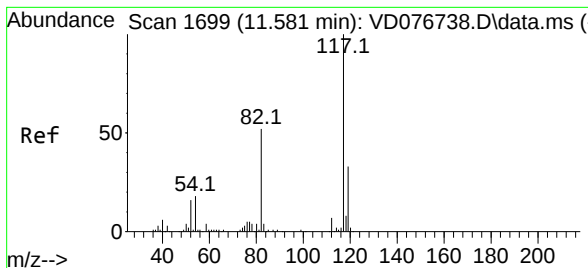
Ion Ratio Lower Upper

95 100

174 86.0 0.0 201.8

176 80.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076761.D

Acq: 17 Jul 2023 18:20

Instrument :

MSVOA_D

ClientSampleId :

TP7

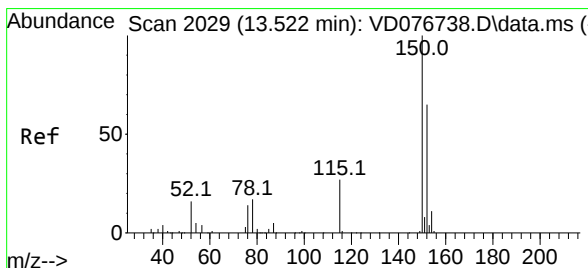
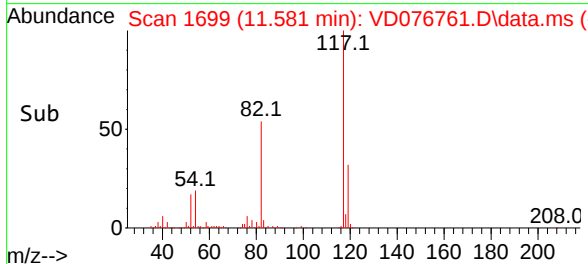
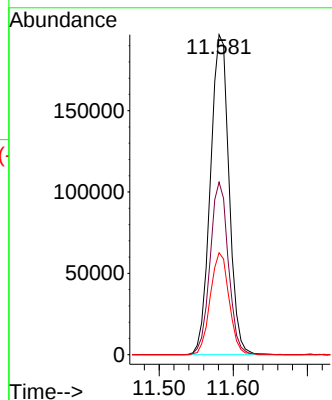
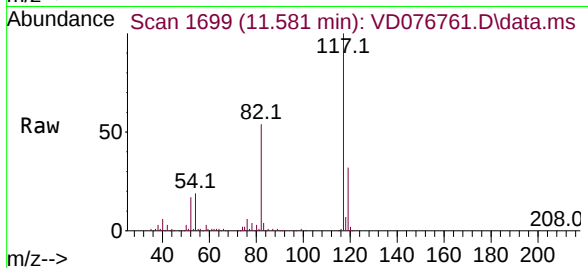
Tgt Ion:117 Resp: 342484

Ion Ratio Lower Upper

117 100

82 53.9 38.3 57.5

119 31.9 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: VD076761.D

Acq: 17 Jul 2023 18:20

Tgt Ion:152 Resp: 153642

Ion Ratio Lower Upper

152 100

115 58.7 27.1 81.3

150 157.8 0.0 353.6

