

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076759.D
 Acq On : 17 Jul 2023 17:23
 Operator : KP/SY
 Sample : 03638-11
 Misc : 4.67G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: Jul 18 01:24:12 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)

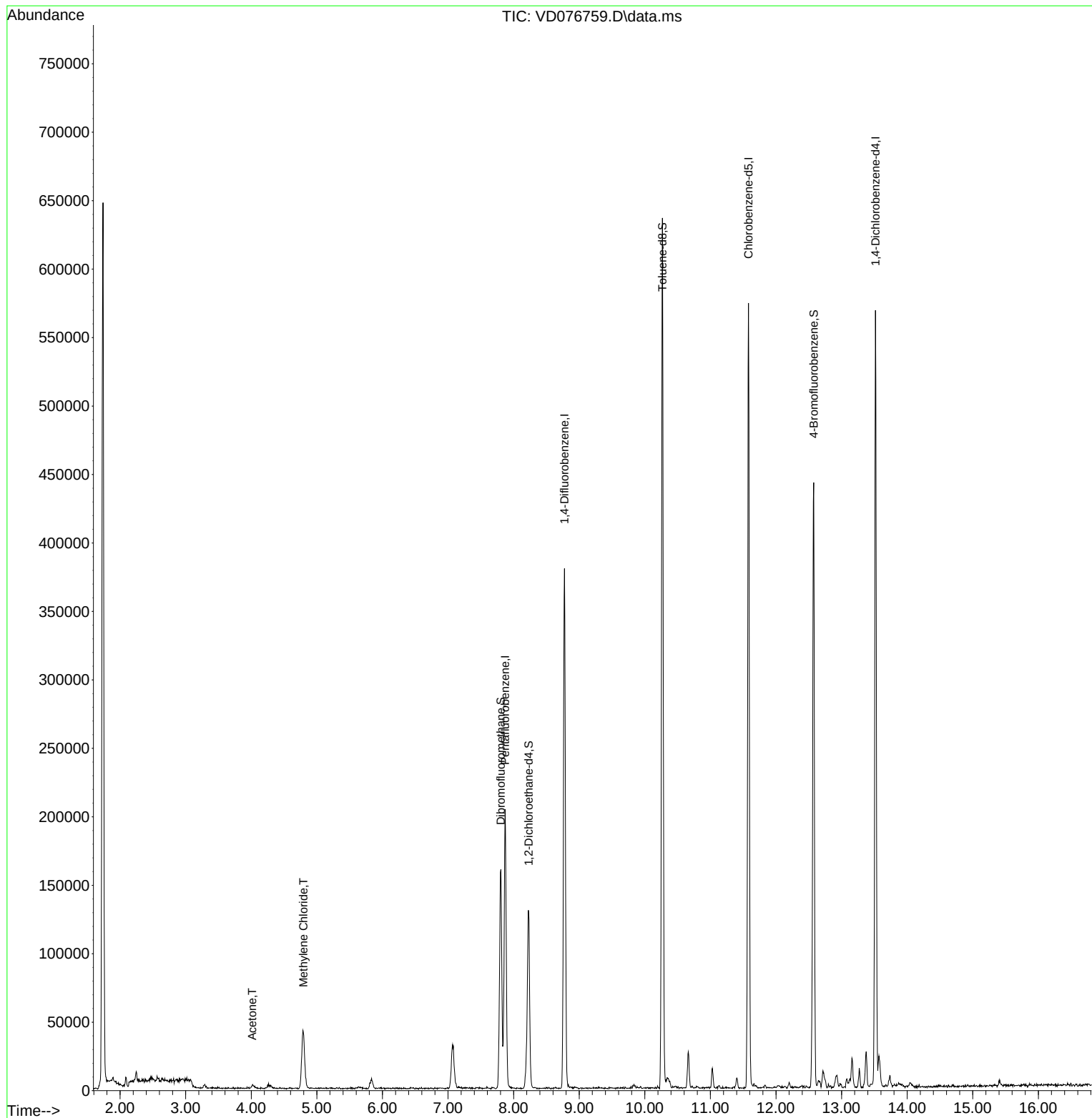
Internal Standards						
1) Pentafluorobenzene	7.869	168	150640	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	354653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97531	65.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.000%
35) Dibromofluoromethane	7.805	113	117488	52.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.440%
50) Toluene-d8	10.269	98	446748	56.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.060%
62) 4-Bromofluorobenzene	12.575	95	136369	52.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.740%
Target Compounds						
						Qvalue
16) Acetone	4.016	43	4773	13.320	ug/l	# 86
20) Methylene Chloride	4.793	84	35744	8.126	ug/l	96

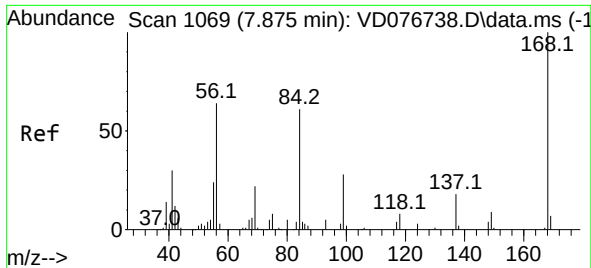
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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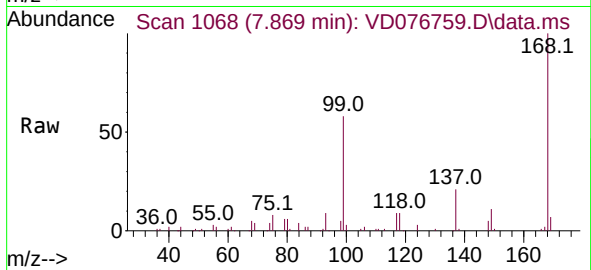
Quant Time: Jul 18 01:24:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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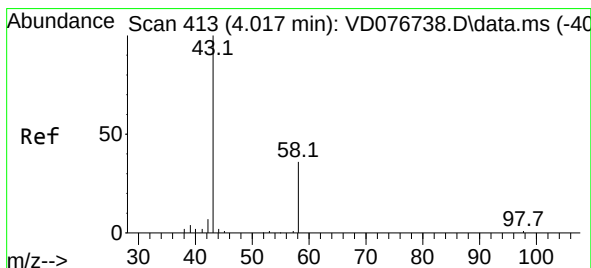
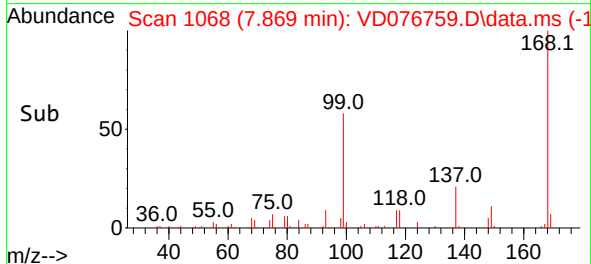
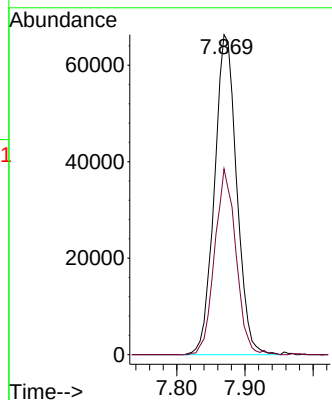


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Instrument :
MSVOA_D
ClientSampleId :
TP2

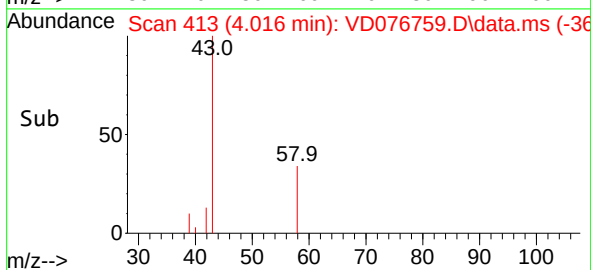
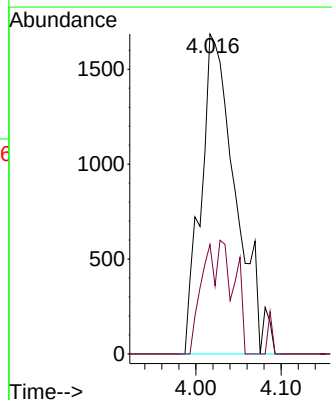
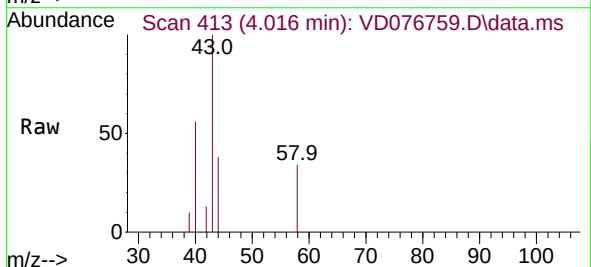


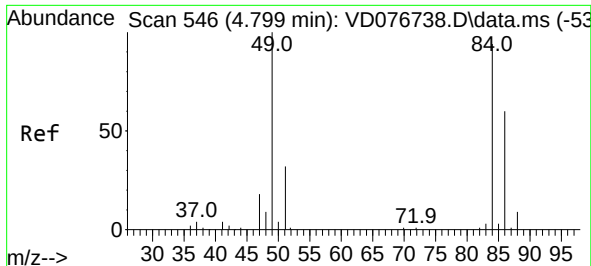
Tgt Ion:168 Resp: 150640
Ion Ratio Lower Upper
168 100
99 58.0 36.7 55.1#



#16
Acetone
Concen: 13.320 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 43 Resp: 4773
Ion Ratio Lower Upper
43 100
58 34.2 34.7 52.1#

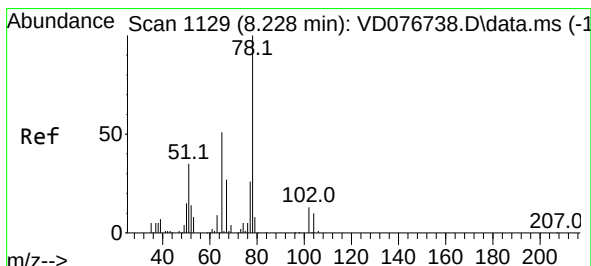
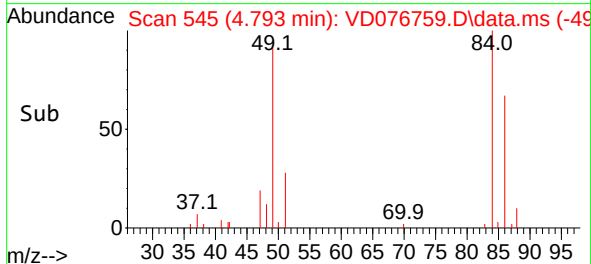
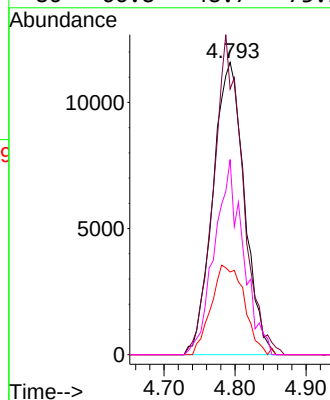
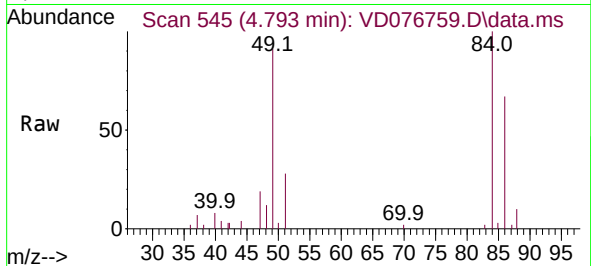




#20
Methylene Chloride
Concen: 8.126 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

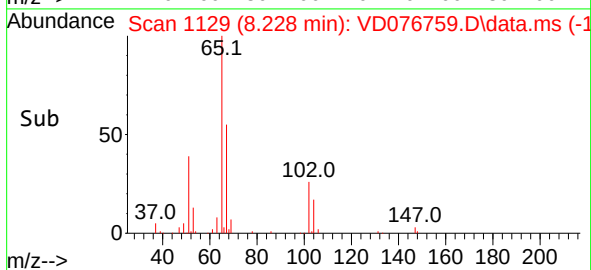
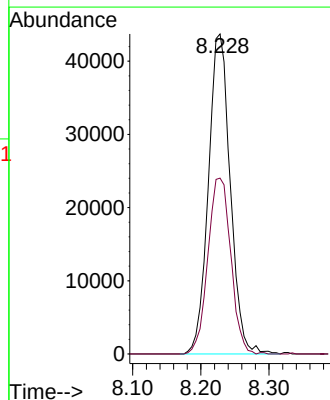
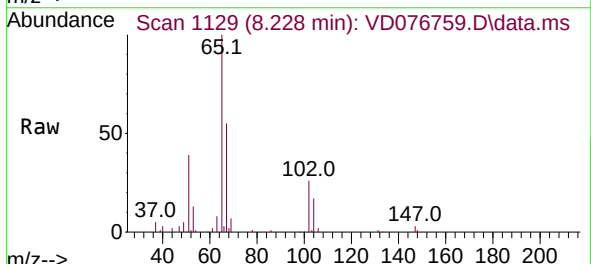
Instrument :
MSVOA_D
ClientSampleId :
TP2

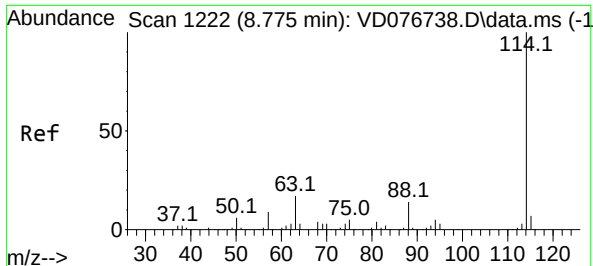
Tgt Ion: 84	Resp: 35744
Ion Ratio	Lower Upper
84 100	
49 90.9	71.4 107.2
51 28.3	24.5 36.7
86 66.8	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 65.002 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 65	Resp:	97531
Ion Ratio	Lower	Upper
65 100		
67 57.6	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: VD076759.D

Acq: 17 Jul 2023 17:23

Instrument :

MSVOA_D

ClientSampleId :

TP2

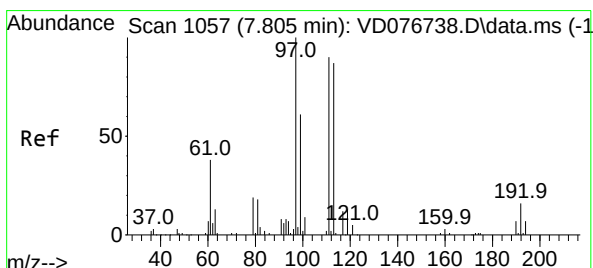
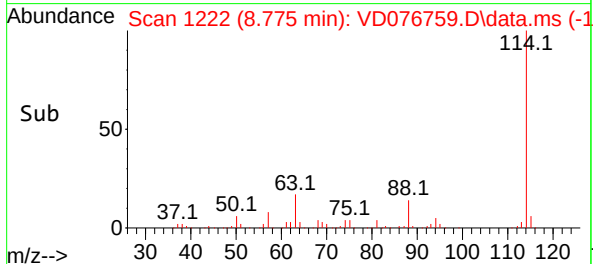
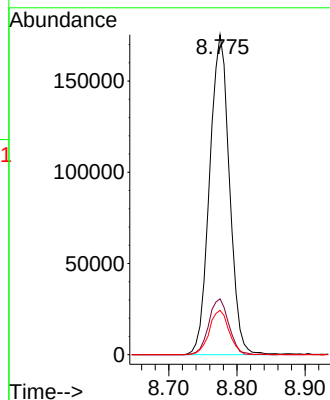
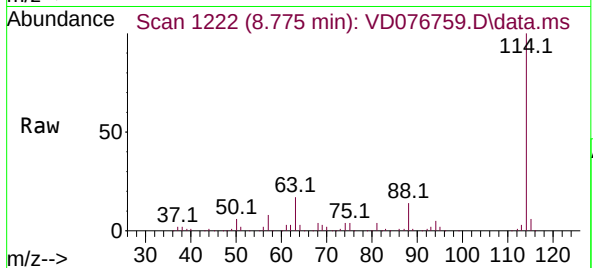
Tgt Ion:114 Resp: 354653

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.717 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076759.D

Acq: 17 Jul 2023 17:23

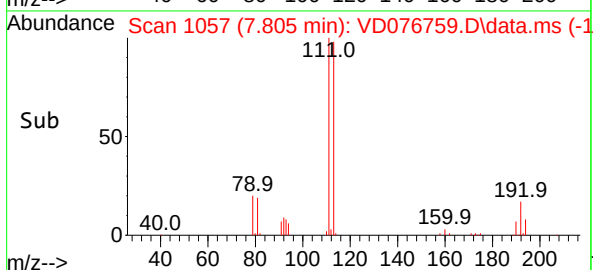
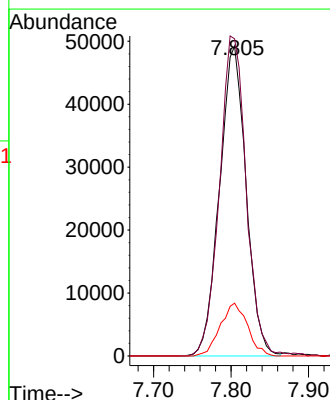
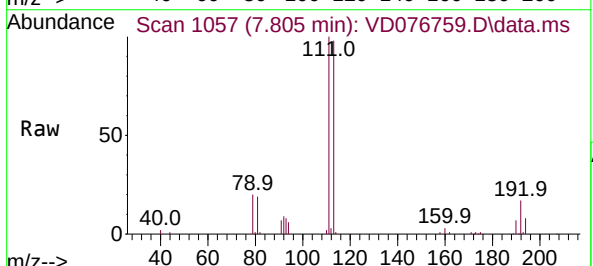
Tgt Ion:113 Resp: 117488

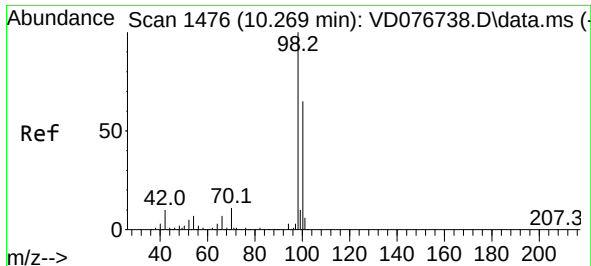
Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 17.5 16.8 25.2

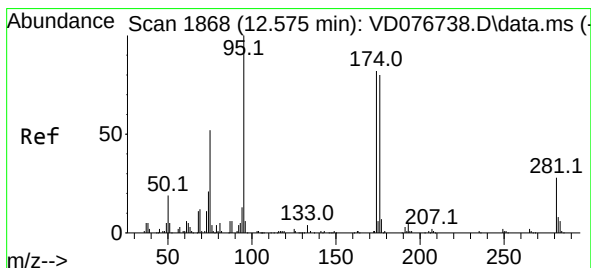
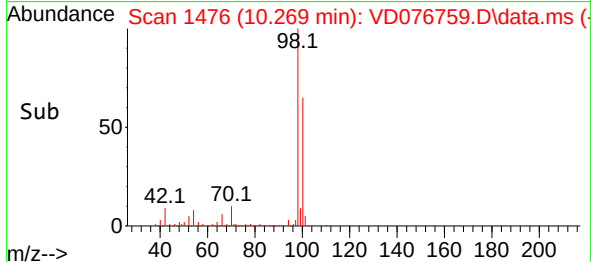
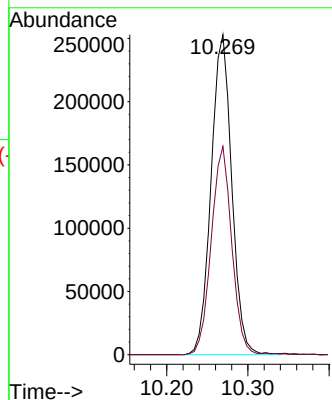
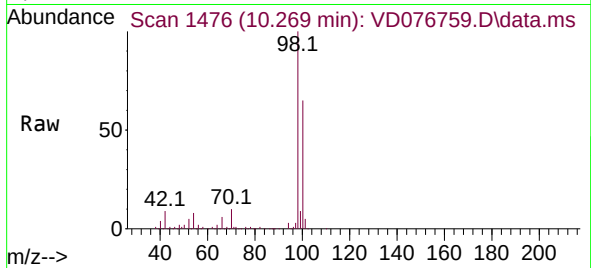




#50
Toluene-d8
Concen: 56.034 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

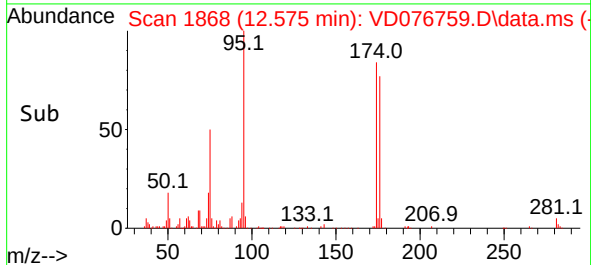
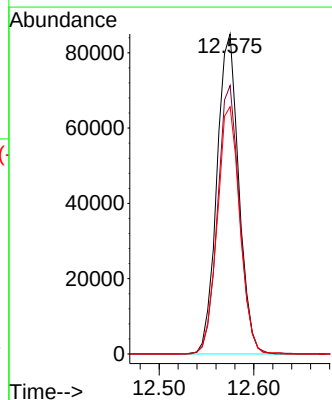
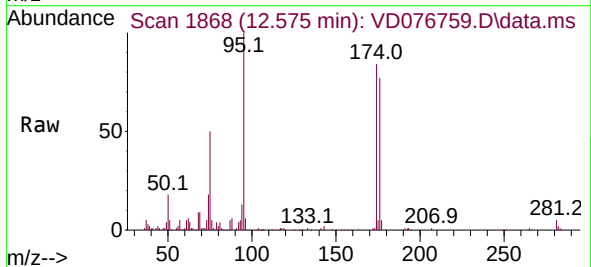
Instrument :
MSVOA_D
ClientSampleId :
TP2

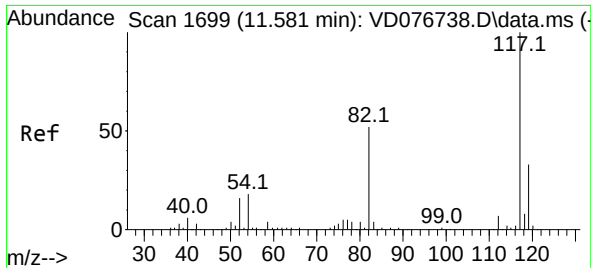
Tgt Ion: 98 Resp: 446748
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.873 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 95 Resp: 136369
Ion Ratio Lower Upper
95 100
174 83.9 0.0 201.8
176 79.8 0.0 191.8

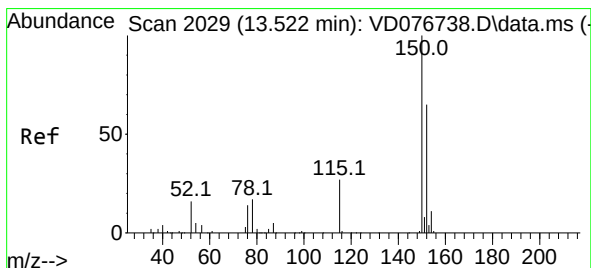
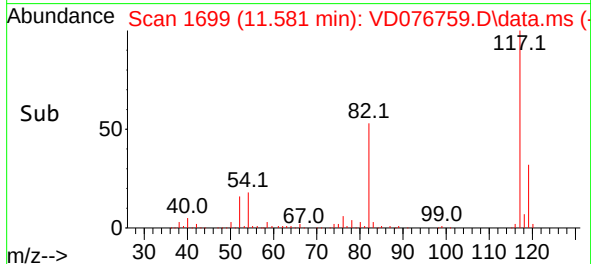
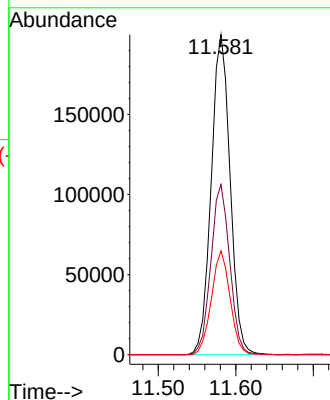
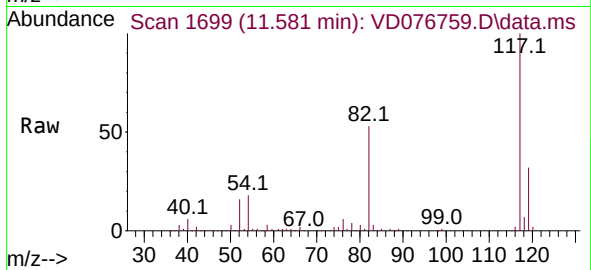




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Instrument :
MSVOA_D
ClientSampleId :
TP2

Tgt Ion:117 Resp: 339099
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion:152 Resp: 152731
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 156.7 0.0 353.6

