

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076862.D
 Acq On : 28 Jul 2023 18:47
 Operator : KP/SY
 Sample : 03810-09
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P1B

Quant Time: Jul 29 00:18:59 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)

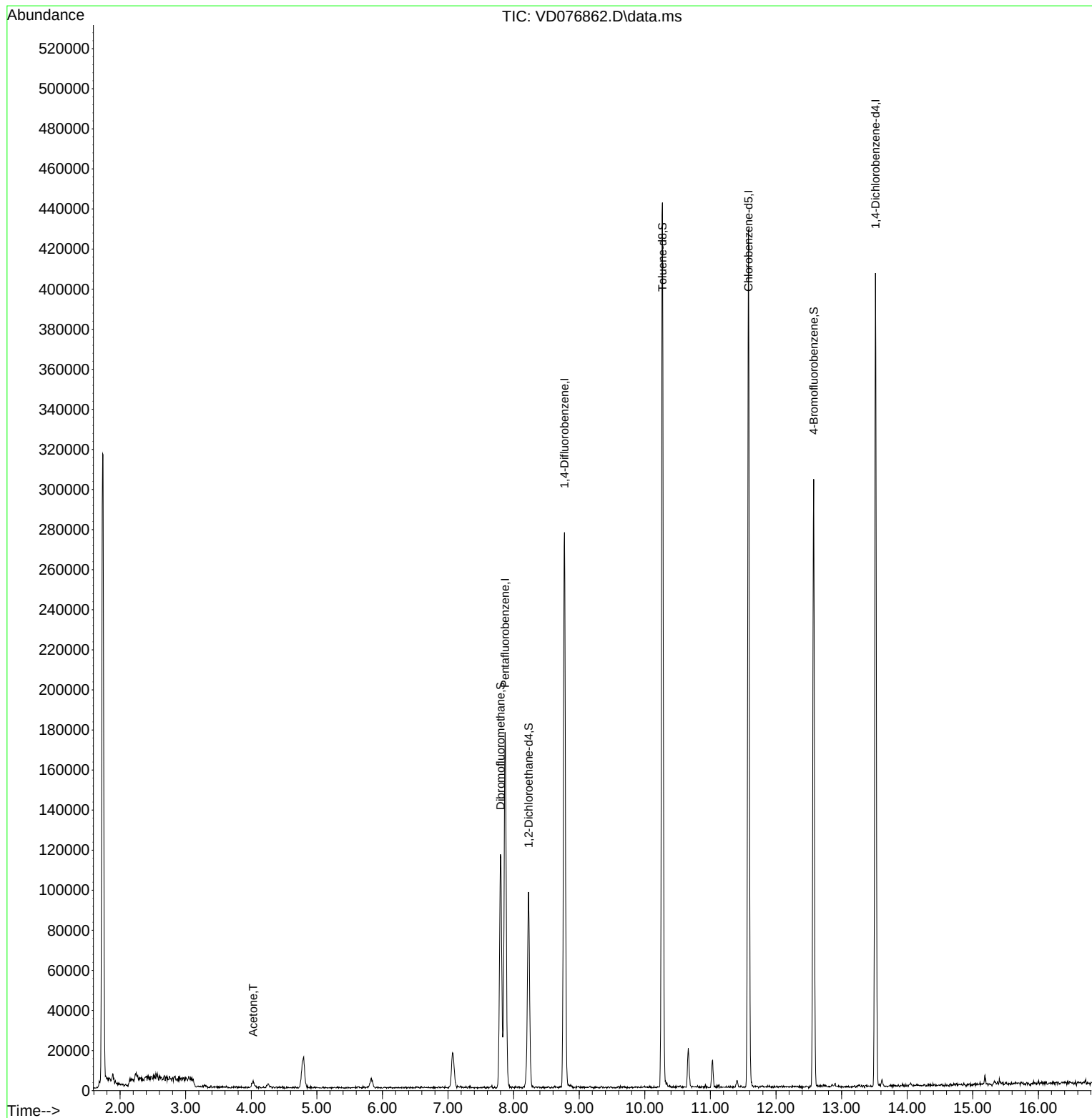
Internal Standards						
1) Pentafluorobenzene	7.869	168	136710	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	258805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74228	54.512	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.020%		
35) Dibromofluoromethane	7.799	113	85902	52.819	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.640%		
50) Toluene-d8	10.269	98	320075	55.014	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 110.020%		
62) 4-Bromofluorobenzene	12.575	95	92118	48.943	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 97.880%		
Target Compounds						
16) Acetone	4.028	43	5320	16.359	ug/l	# 80

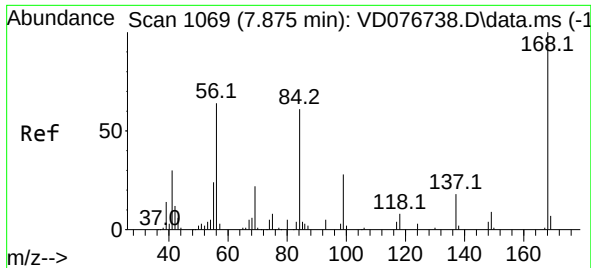
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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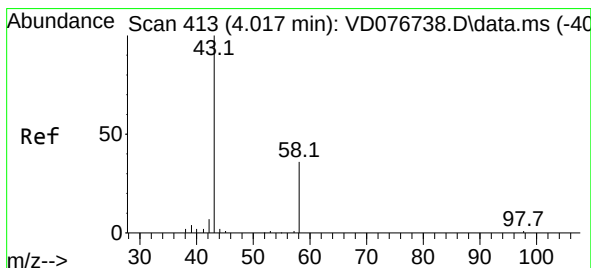
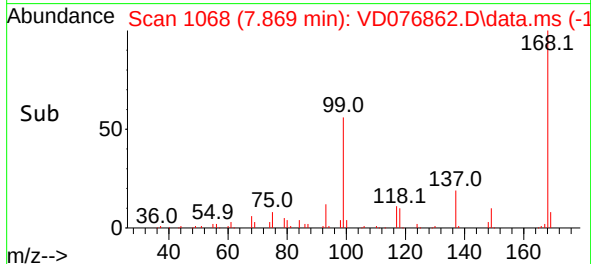
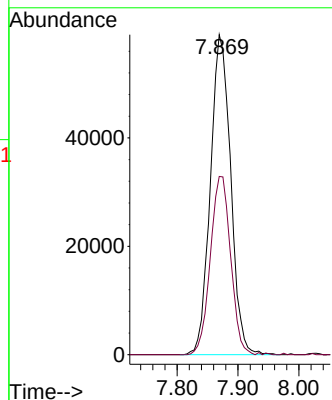
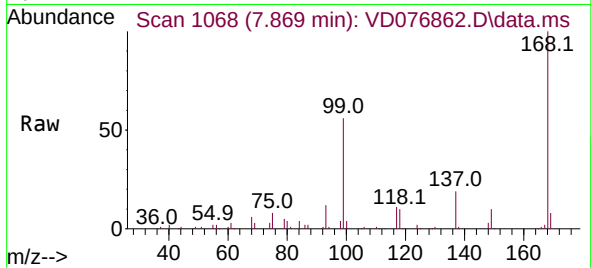




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

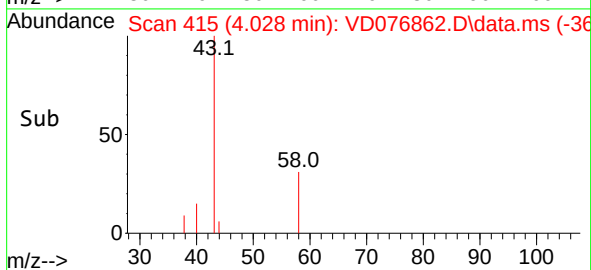
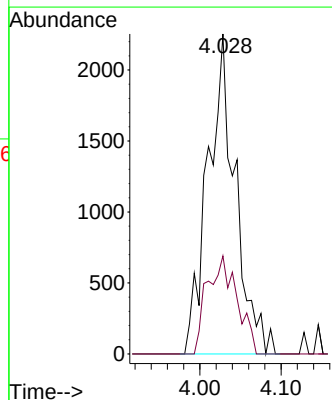
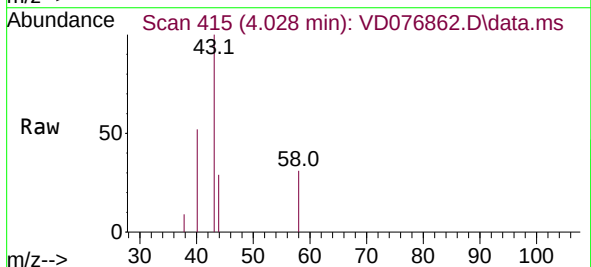
Instrument :
MSVOA_D
ClientSampleId :
B-P1B

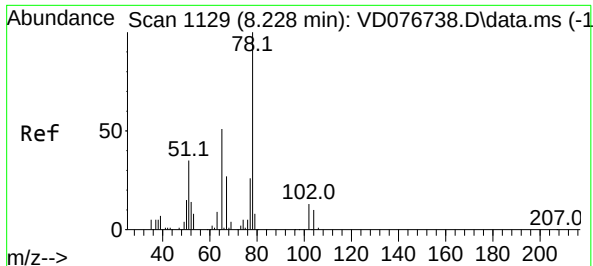
Tgt Ion:168 Resp: 136710
Ion Ratio Lower Upper
168 100
99 55.7 36.7 55.1#



#16
Acetone
Concen: 16.359 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

Tgt Ion: 43 Resp: 5320
Ion Ratio Lower Upper
43 100
58 30.7 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 54.512 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076862.D

Acq: 28 Jul 2023 18:47

Instrument :

MSVOA_D

ClientSampleId :

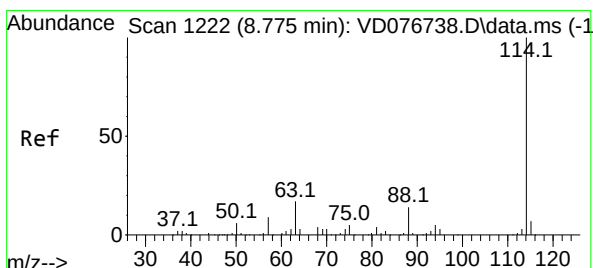
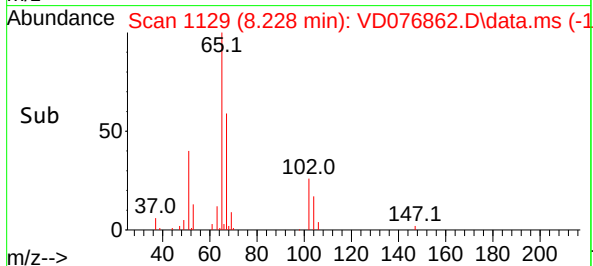
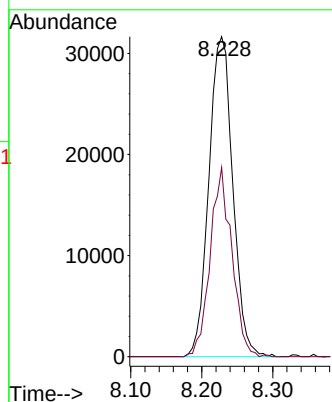
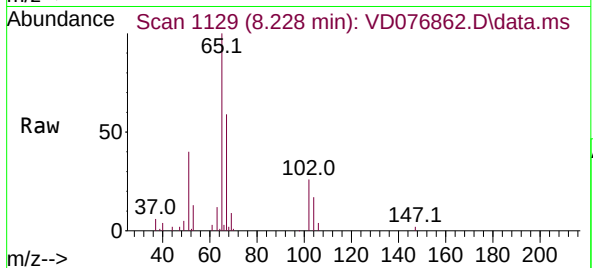
B-P1B

Tgt Ion: 65 Resp: 74228

Ion Ratio Lower Upper

65 100

67 53.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076862.D

Acq: 28 Jul 2023 18:47

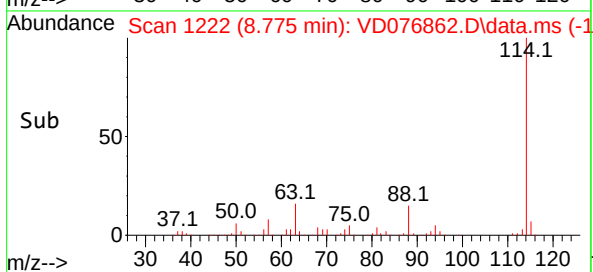
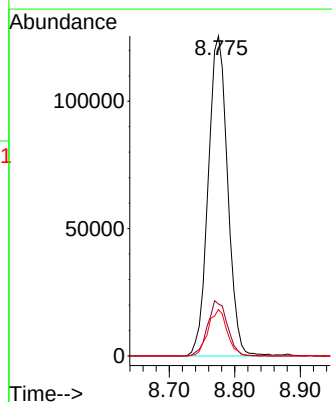
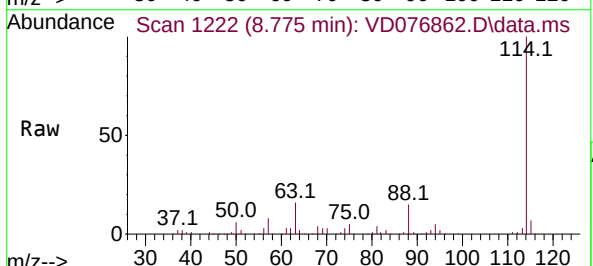
Tgt Ion: 114 Resp: 258805

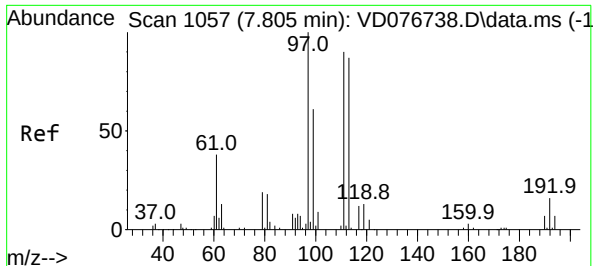
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.819 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076862.D

Acq: 28 Jul 2023 18:47

Instrument :

MSVOA_D

ClientSampleId :

B-P1B

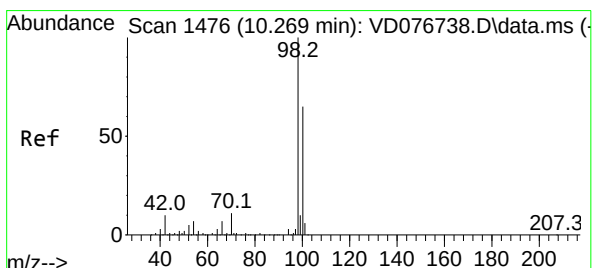
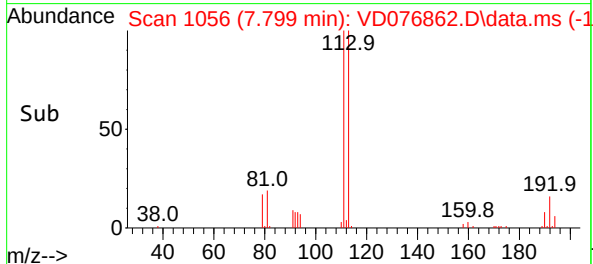
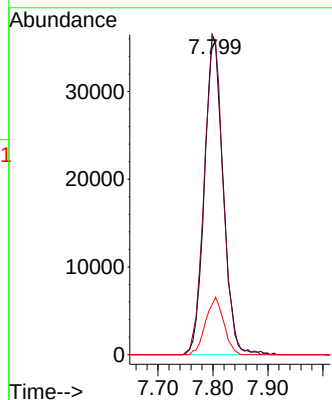
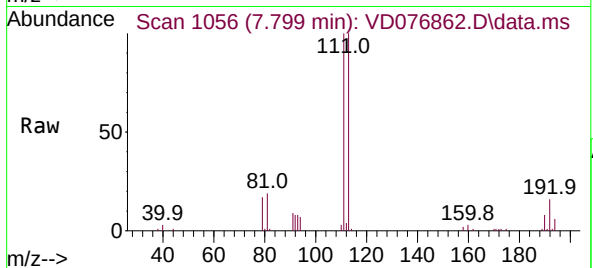
Tgt Ion:113 Resp: 85902

Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 17.4 16.8 25.2



#50

Toluene-d8

Concen: 55.014 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076862.D

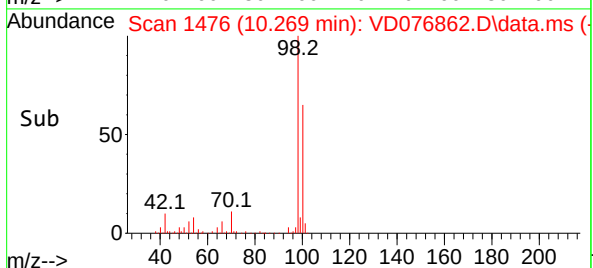
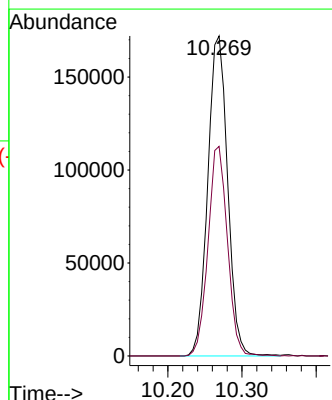
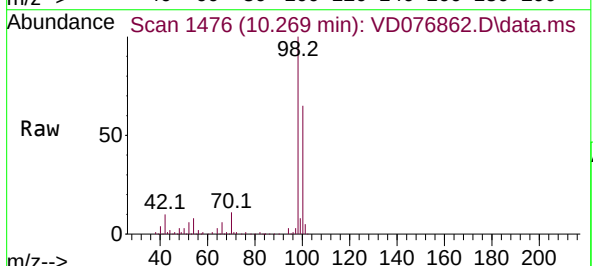
Acq: 28 Jul 2023 18:47

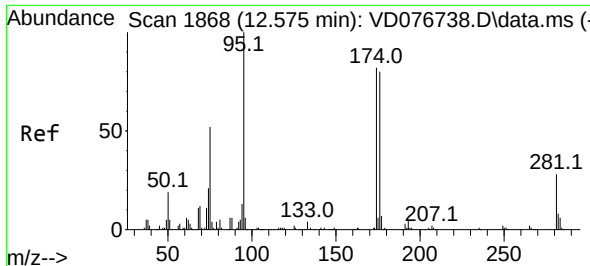
Tgt Ion: 98 Resp: 320075

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5

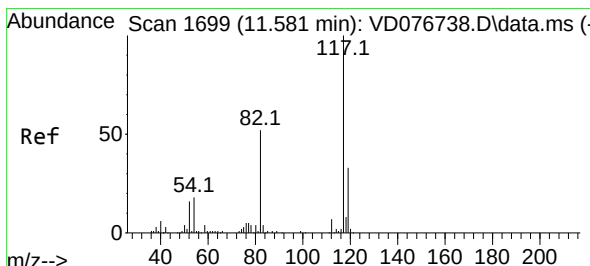
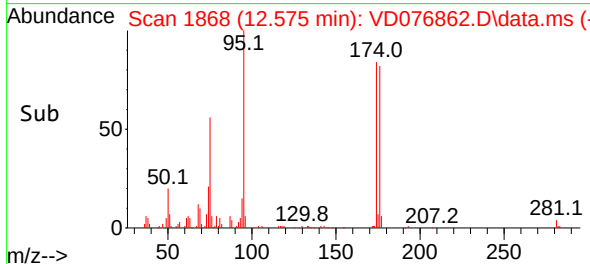
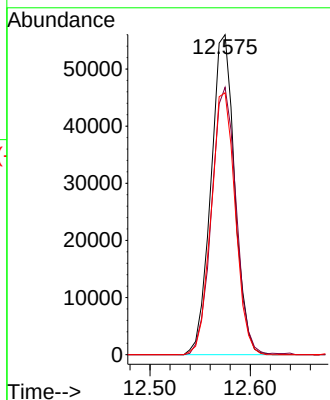
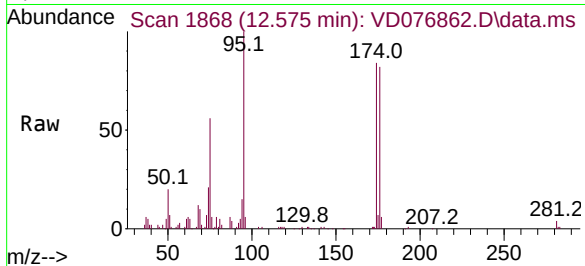




#62
4-Bromofluorobenzene
Concen: 48.943 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

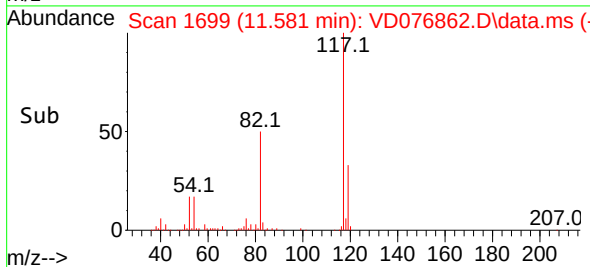
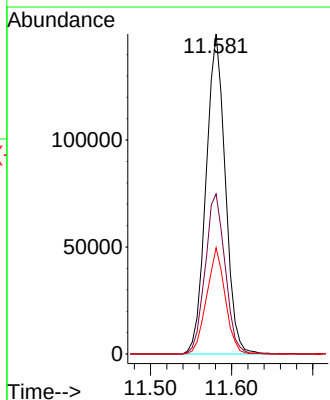
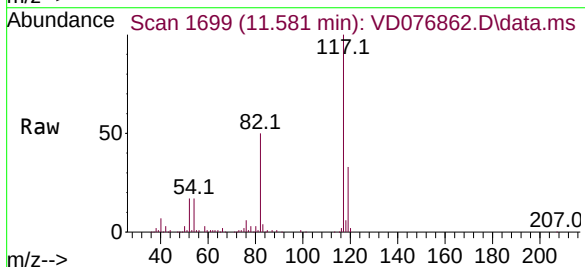
Instrument :
MSVOA_D
ClientSampleId :
B-P1B

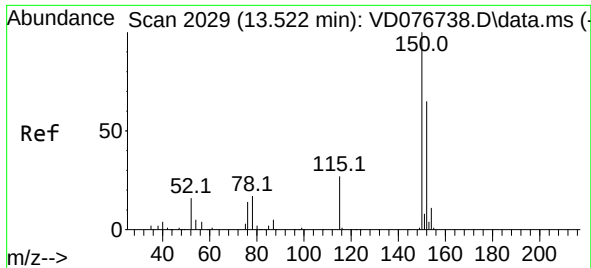
Tgt Ion:	95	Resp:	92118
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	201.8
176	83.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076862.D
Acq: 28 Jul 2023 18:47

Tgt Ion:	117	Resp:	246158
Ion	Ratio	Lower	Upper
117	100		
82	50.0	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# 20
 Delta R.T. -0.006 min
 Lab File: VD076862.D
 Acq: 28 Jul 2023 18:47

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P1B

Tgt Ion:152 Resp: 108823
 Ion Ratio Lower Upper
 152 100
 115 56.6 27.1 81.3
 150 156.5 0.0 353.6

