

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074118.D
 Acq On : 16 Aug 2022 23:07
 Operator : VA/SY
 Sample : N4136-03RE
 Misc : 11.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Aug 17 00:46:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

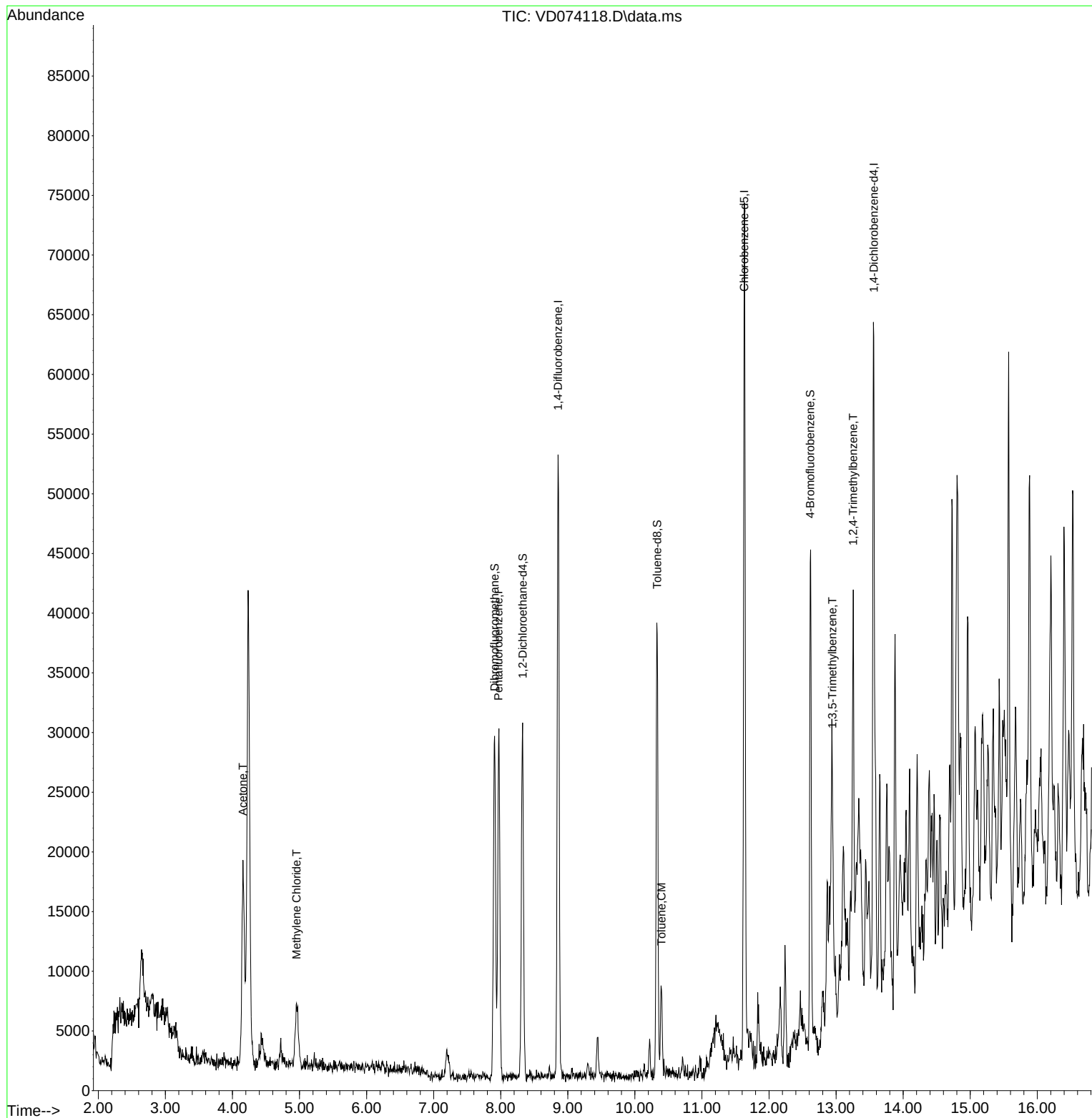
Internal Standards						
1) Pentafluorobenzene	7.967	168	20160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	45189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	39699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	15625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	23543	175.921	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 351.840%#			
35) Dibromofluoromethane	7.908	113	20507	71.016	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 142.040%			
50) Toluene-d8	10.332	98	26700	30.454	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 60.900%			
62) 4-Bromofluorobenzene	12.614	95	14140	39.056	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.120%			
Target Compounds						
16) Acetone	4.156	43	31174	1193.902	ug/l	96
20) Methylene Chloride	4.956	84	4891	15.474	ug/l #	69
52) Toluene	10.397	92	3636	4.997	ug/l	92
80) 1,3,5-Trimethylbenzene	12.944	105	4368	5.210	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	15458	17.940	ug/l	97

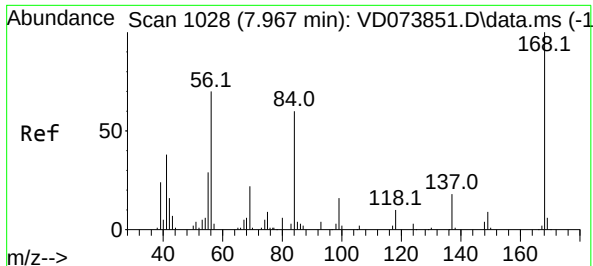
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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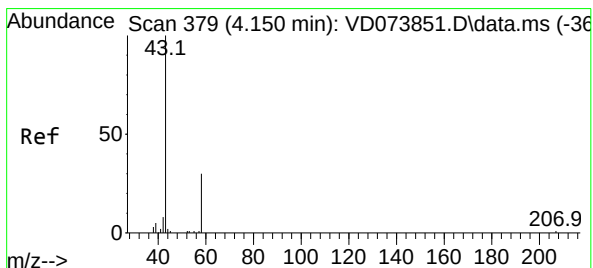
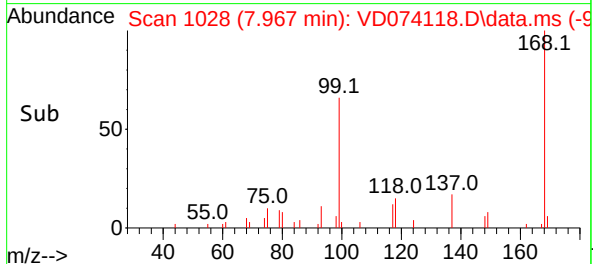
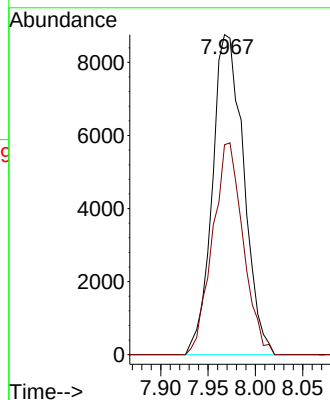
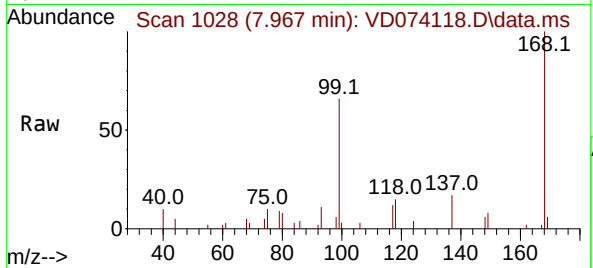




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD074118.D
Acq: 16 Aug 2022 23:07

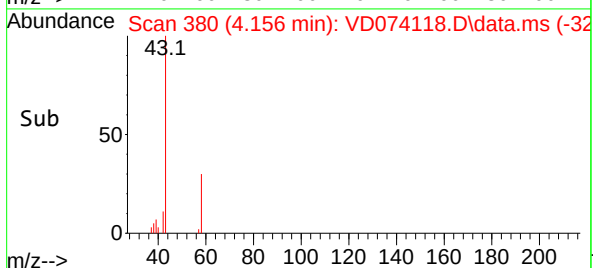
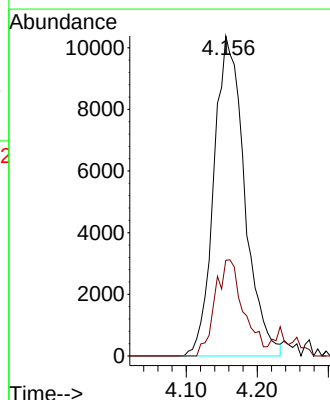
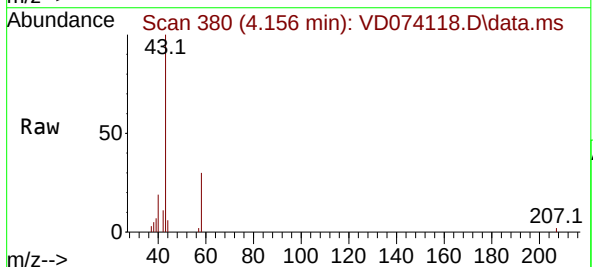
Instrument :
MSVOA_D
ClientSampleId :
BFB

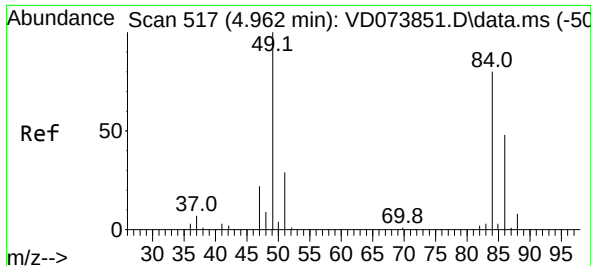
Tgt Ion:168 Resp: 20160
Ion Ratio Lower Upper
168 100
99 65.6 49.8 74.6



#16
Acetone
Concen: 1193.902 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD074118.D
Acq: 16 Aug 2022 23:07

Tgt Ion: 43 Resp: 31174
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1

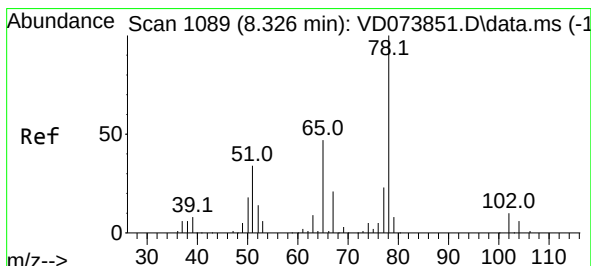
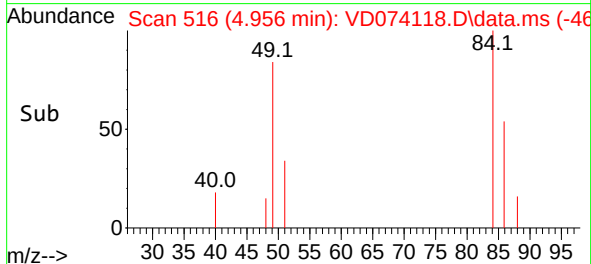
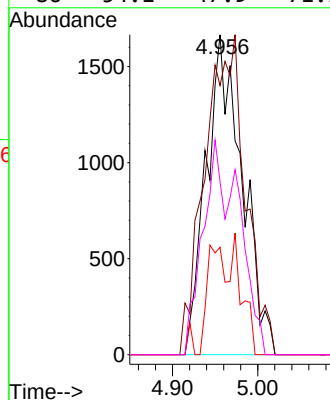
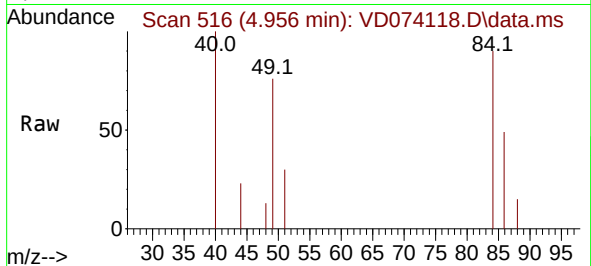




#20
Methylene Chloride
Concen: 15.474 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD074118.D
Acq: 16 Aug 2022 23:07

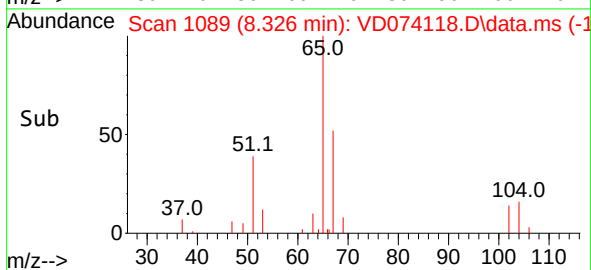
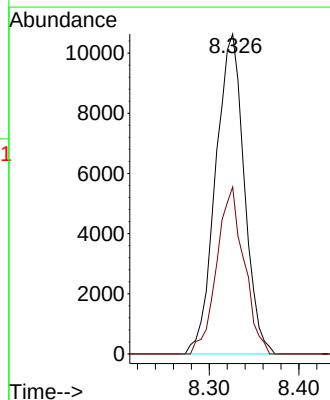
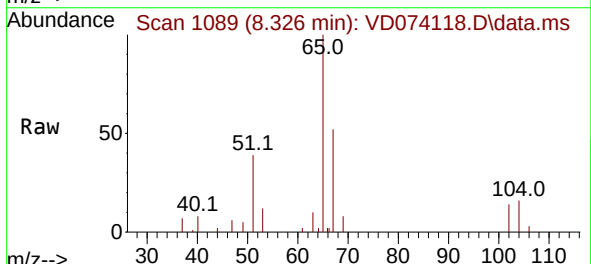
Instrument :
MSVOA_D
ClientSampleId :
BFB

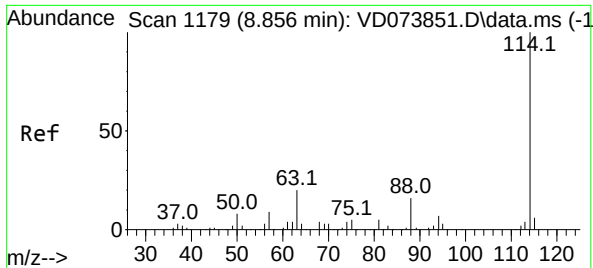
Tgt Ion: 84 Resp: 4891
Ion Ratio Lower Upper
84 100
49 84.1 112.8 169.2#
51 33.6 32.6 48.8
86 54.1 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 175.921 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074118.D
Acq: 16 Aug 2022 23:07

Tgt Ion: 65 Resp: 23543
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074118.D

Acq: 16 Aug 2022 23:07

Instrument :

MSVOA_D

ClientSampleId :

BFB

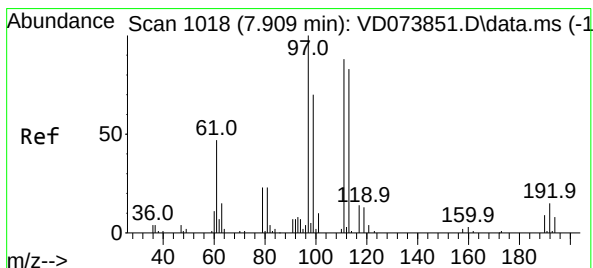
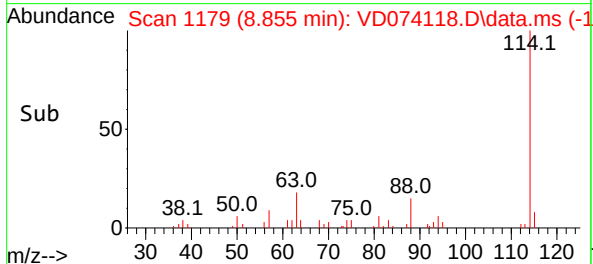
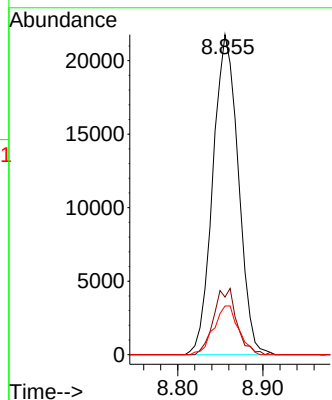
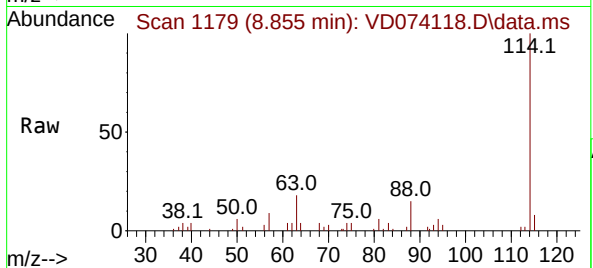
Tgt Ion:114 Resp: 45189

Ion Ratio Lower Upper

114 100

63 18.0 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 71.016 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD074118.D

Acq: 16 Aug 2022 23:07

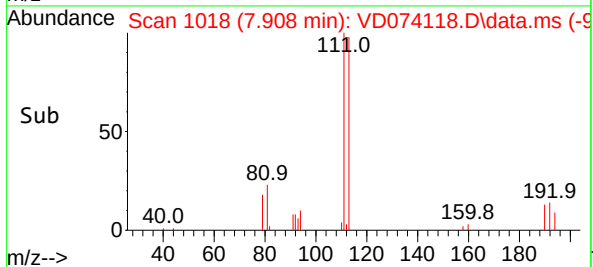
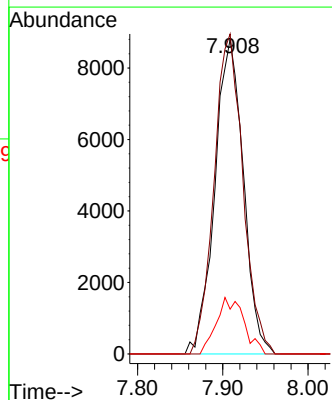
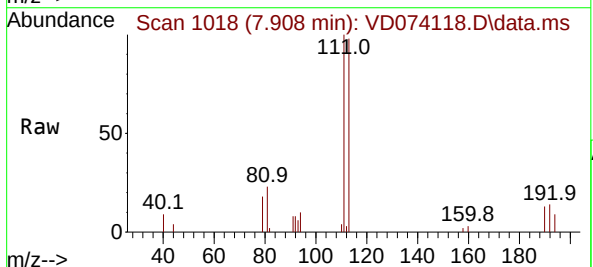
Tgt Ion:113 Resp: 20507

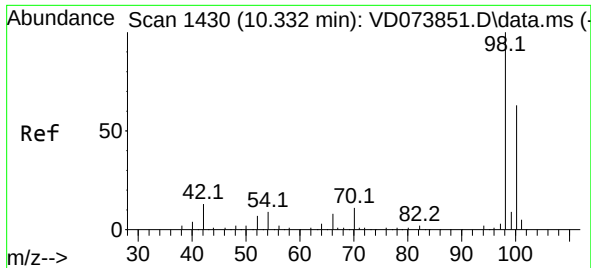
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.3 14.6 21.8

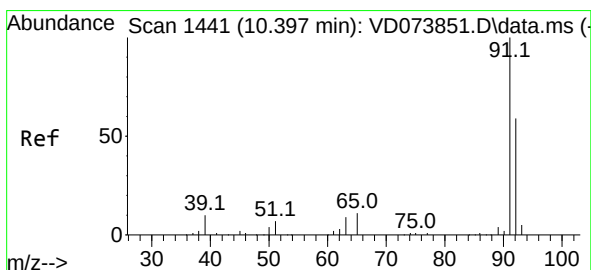
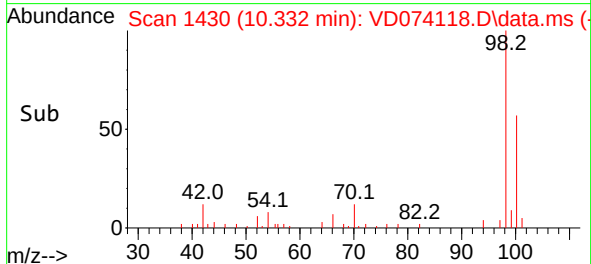
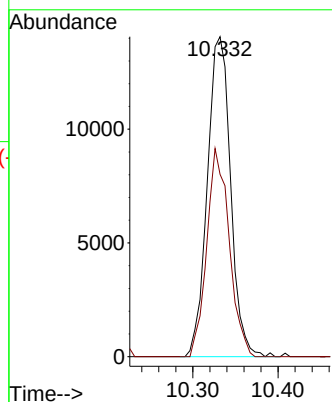
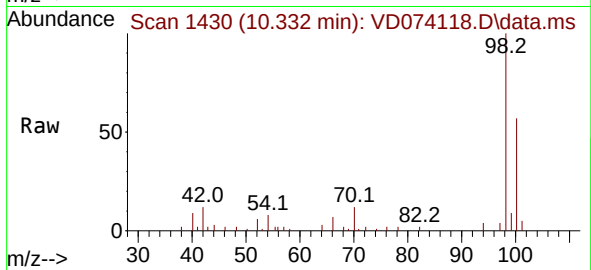




#50
Toluene-d8
Concen: 30.454 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074118.D
Acq: 16 Aug 2022 23:07

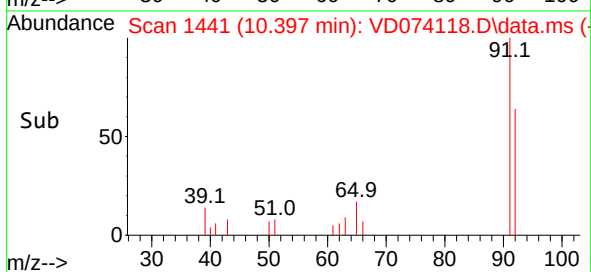
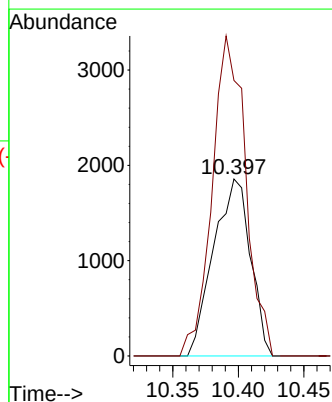
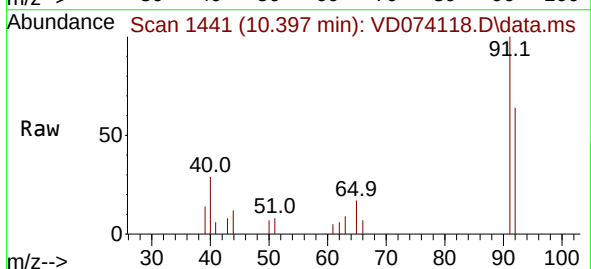
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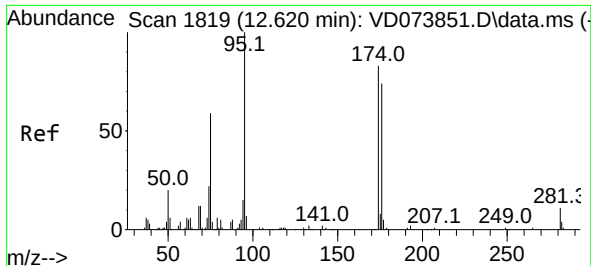
Tgt Ion: 98 Resp: 26700
Ion Ratio Lower Upper
98 100
100 62.7 52.4 78.6



#52
Toluene
Concen: 4.997 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD074118.D
Acq: 16 Aug 2022 23:07

Tgt Ion: 92 Resp: 3636
Ion Ratio Lower Upper
92 100
91 163.9 139.6 209.4





#62

4-Bromofluorobenzene

Concen: 39.056 ug/l

RT: 12.614 min Scan# 1819

Delta R.T. -0.006 min

Lab File: VD074118.D

Acq: 16 Aug 2022 23:07

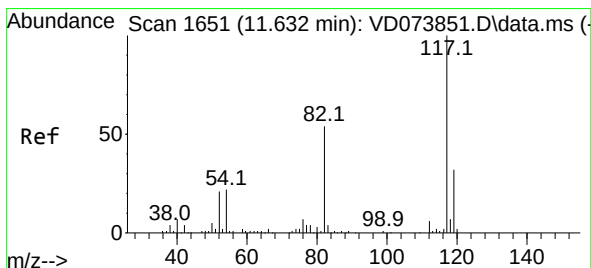
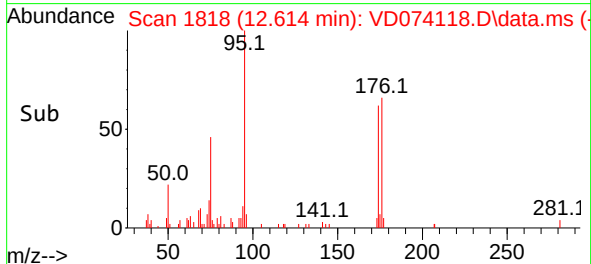
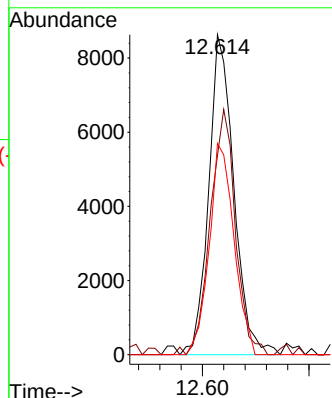
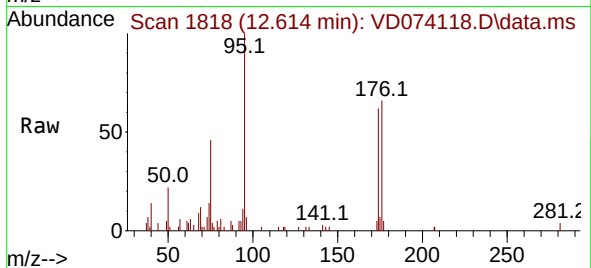
Instrument :

MSVOA_D

ClientSampleId :

BFB

Tgt Ion:	95	Resp:	14140
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	152.8
176	65.1	0.0	145.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

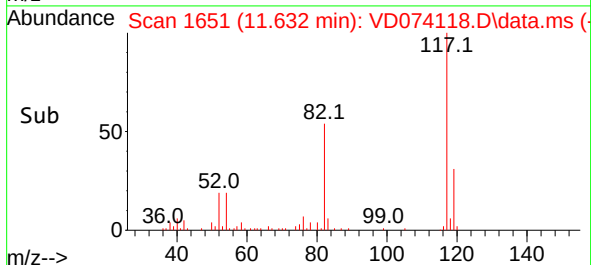
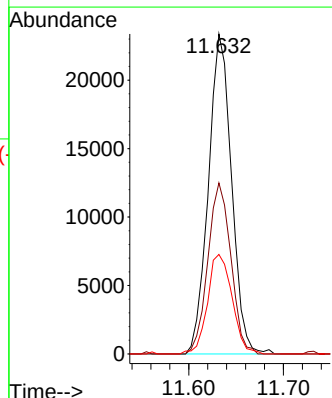
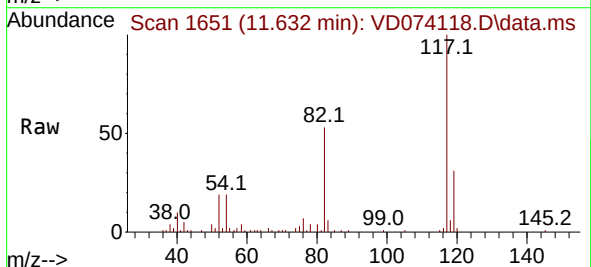
RT: 11.632 min Scan# 1651

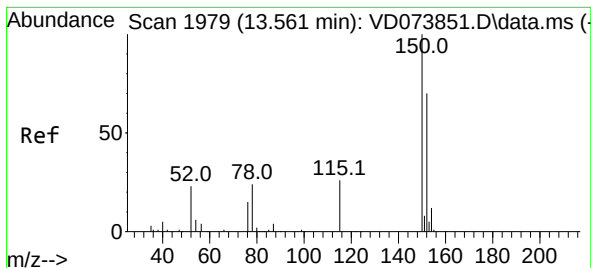
Delta R.T. -0.000 min

Lab File: VD074118.D

Acq: 16 Aug 2022 23:07

Tgt Ion:	117	Resp:	39699
Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.3	67.9
119	31.1	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD074118.D

Acq: 16 Aug 2022 23:07

Instrument :

MSVOA_D

ClientSampleId :

BFB

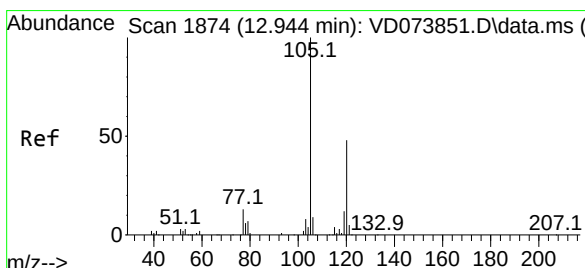
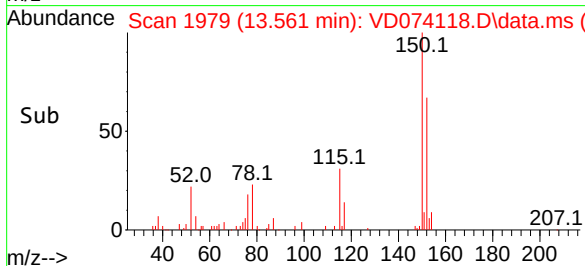
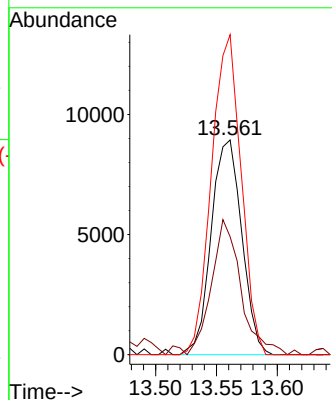
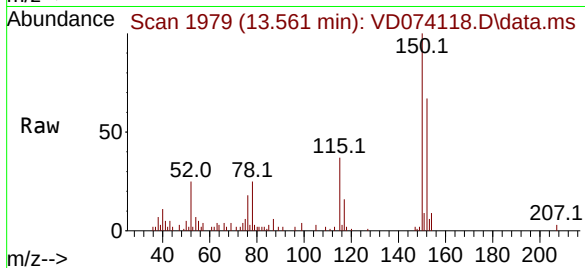
Tgt Ion:152 Resp: 15625

Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

150 144.4 0.0 348.6



#80

1,3,5-Trimethylbenzene

Concen: 5.210 ug/l

RT: 12.944 min Scan# 1874

Delta R.T. -0.001 min

Lab File: VD074118.D

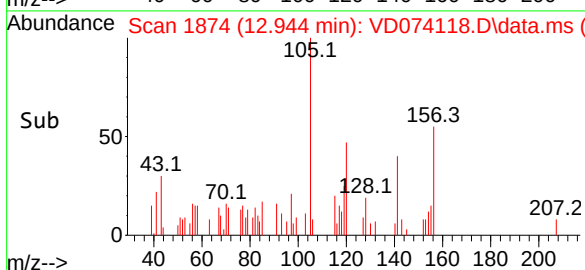
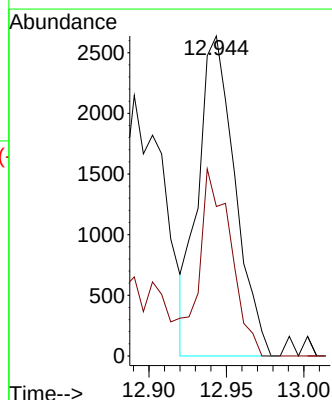
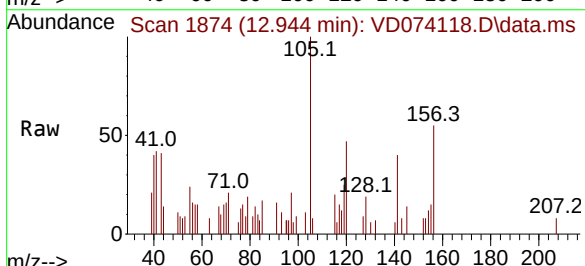
Acq: 16 Aug 2022 23:07

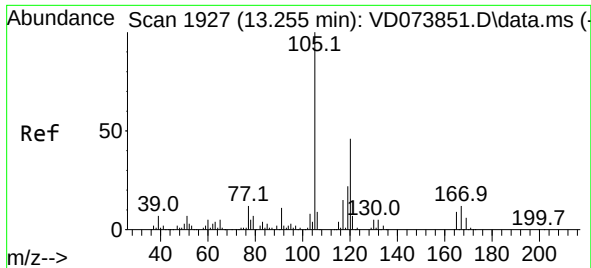
Tgt Ion:105 Resp: 4368

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8





#84
 1,2,4-Trimethylbenzene
 Concen: 17.940 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD074118.D
 Acq: 16 Aug 2022 23:07

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tgt Ion:105 Resp: 15458
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.8

