

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073780.D
 Acq On : 05 Jul 2022 18:05
 Operator : VA/SY
 Sample : N3562-02
 Misc : 7.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7B

Quant Time: Jul 06 02:51:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 10:05:34 2022
 Response via : Initial Calibration

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

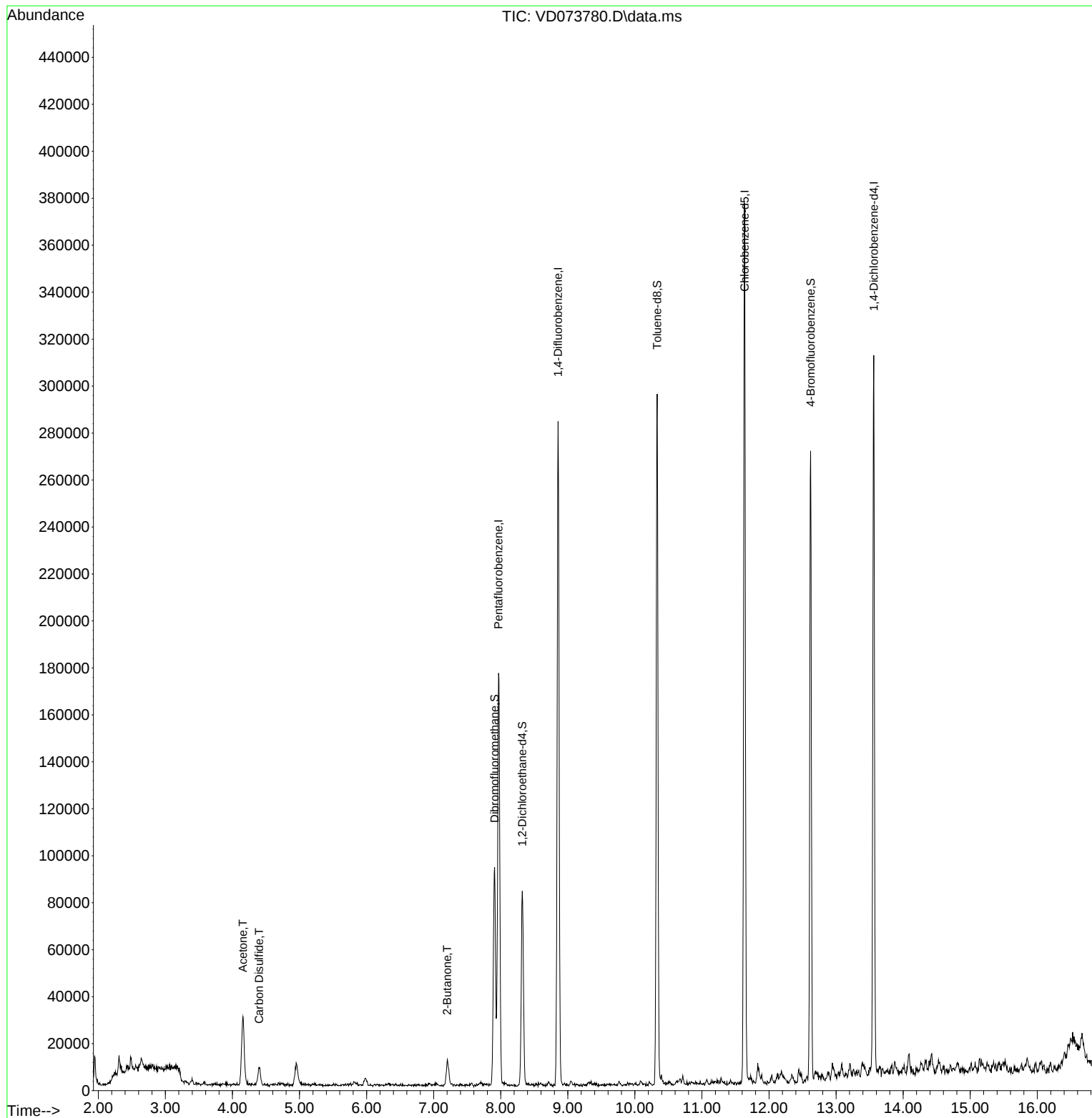
Internal Standards						
1) Pentafluorobenzene	7.967	168	116914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	235016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	205684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	74366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	66120	57.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.940%	
35) Dibromofluoromethane	7.909	113	64894	50.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.660%	
50) Toluene-d8	10.332	98	194577	41.548	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 83.100%#	
62) 4-Bromofluorobenzene	12.620	95	79938	43.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 86.560%#	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	51123	215.442	ug/l	98
17) Carbon Disulfide	4.397	76	15529	10.324	ug/l #	94
25) 2-Butanone	7.203	43	16845	43.226	ug/l #	83

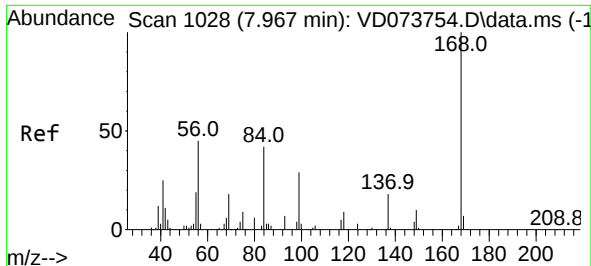
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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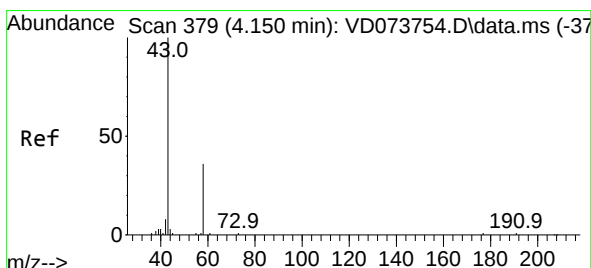
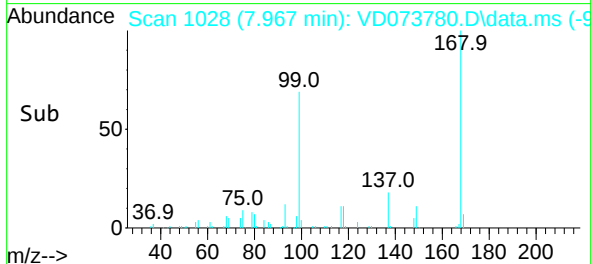
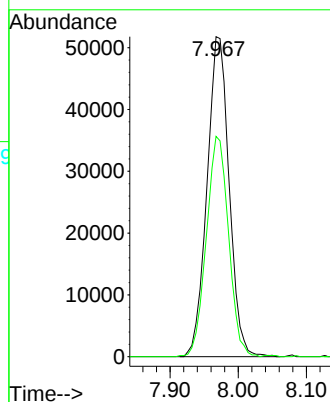
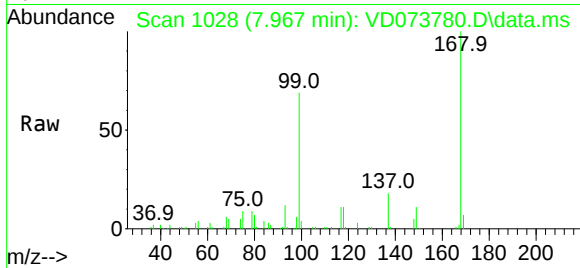




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

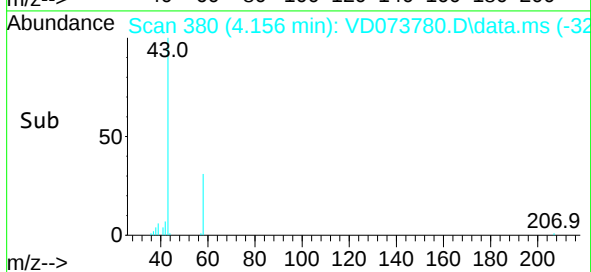
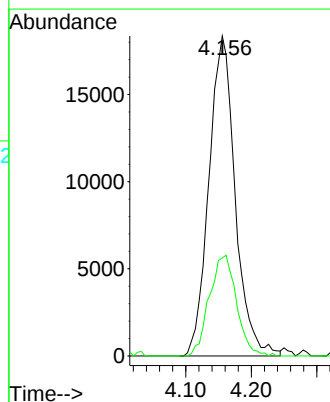
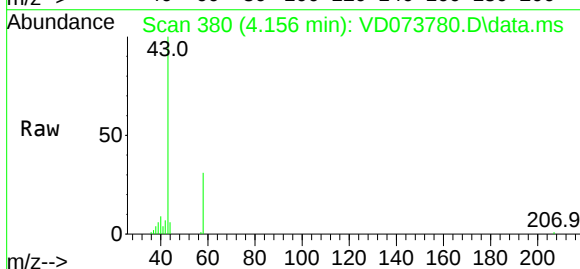
Instrument :
MSVOA_D
ClientSampleId :
SB-7B

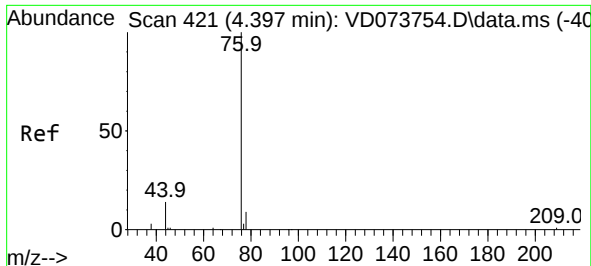
Tgt Ion:168 Resp: 116914
Ion Ratio Lower Upper
168 100
99 68.9 46.4 69.6



#16
Acetone
Concen: 215.442 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

Tgt Ion: 43 Resp: 51123
Ion Ratio Lower Upper
43 100
58 30.6 25.2 37.8

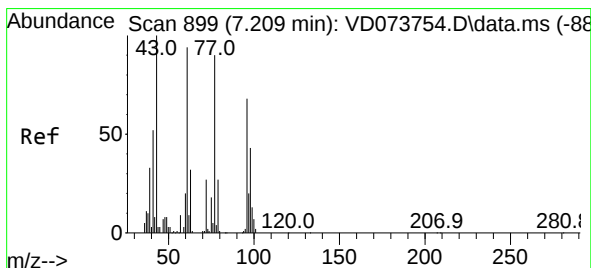
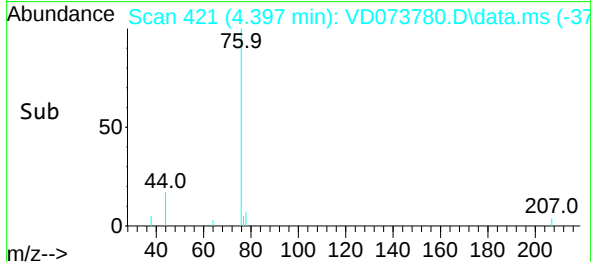
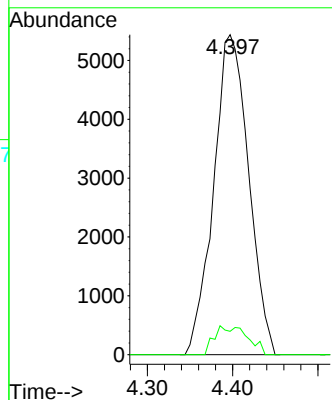
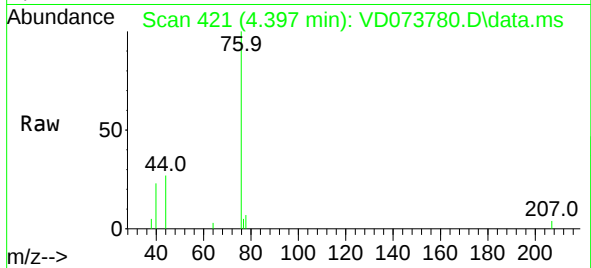




#17
Carbon Disulfide
Concen: 10.324 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

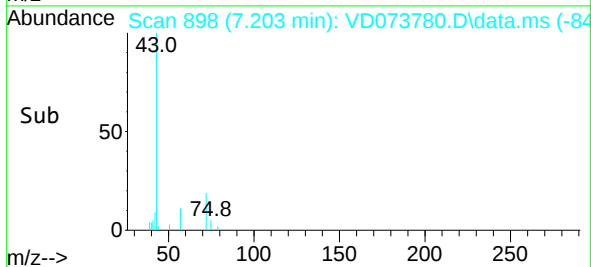
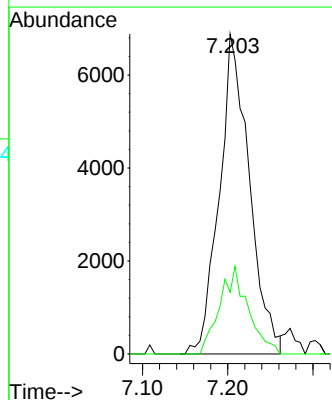
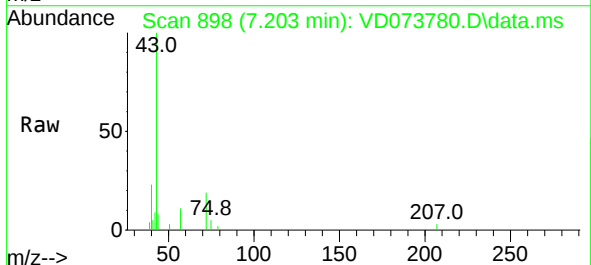
Instrument :
MSVOA_D
ClientSampleId :
SB-7B

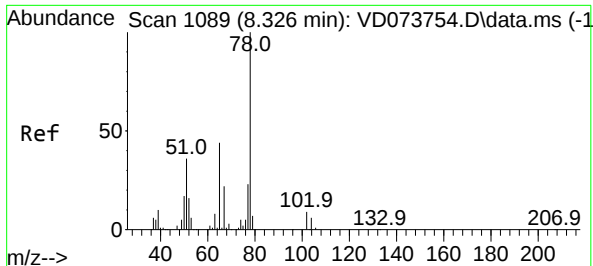
Tgt Ion: 76 Resp: 15529
Ion Ratio Lower Upper
76 100
78 7.3 7.7 11.5#



#25
2-Butanone
Concen: 43.226 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

Tgt Ion: 43 Resp: 16845
Ion Ratio Lower Upper
43 100
72 19.2 22.6 33.8#





#33

1,2-Dichloroethane-d4

Concen: 57.973 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073780.D

Acq: 05 Jul 2022 18:05

Instrument :

MSVOA_D

ClientSampleId :

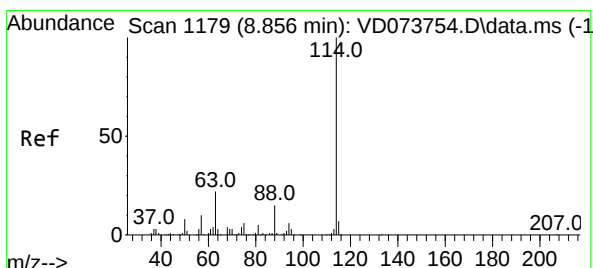
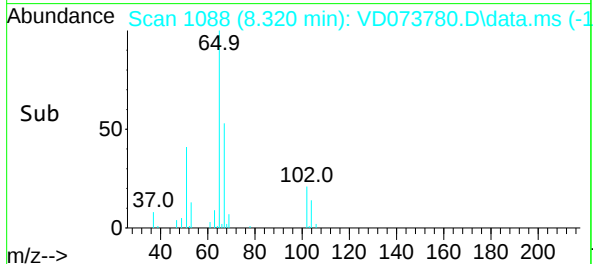
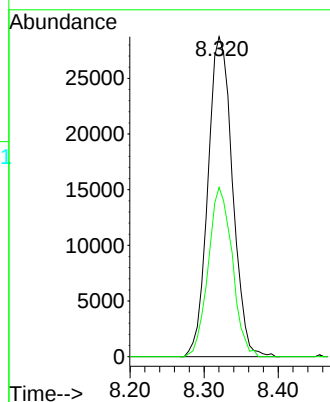
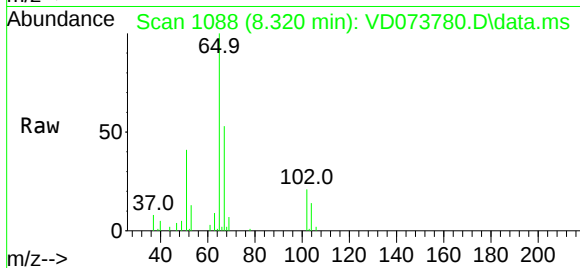
SB-7B

Tgt Ion: 65 Resp: 66120

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073780.D

Acq: 05 Jul 2022 18:05

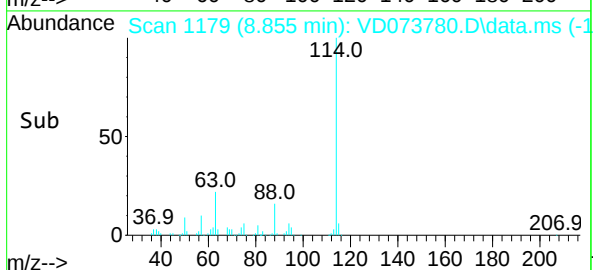
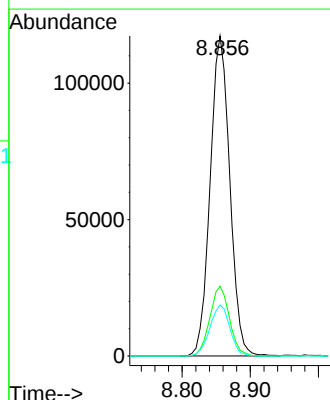
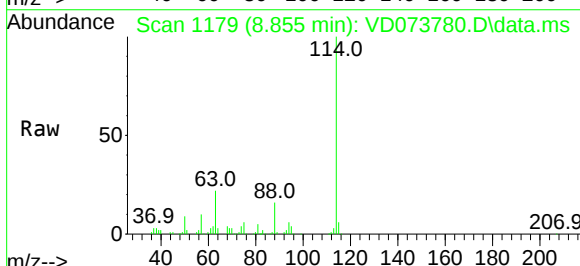
Tgt Ion: 114 Resp: 235016

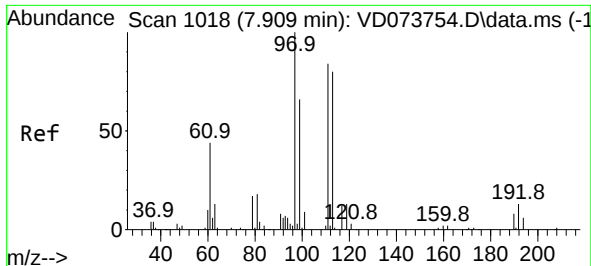
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.2

88 15.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.829 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073780.D

Acq: 05 Jul 2022 18:05

Instrument :

MSVOA_D

ClientSampleId :

SB-7B

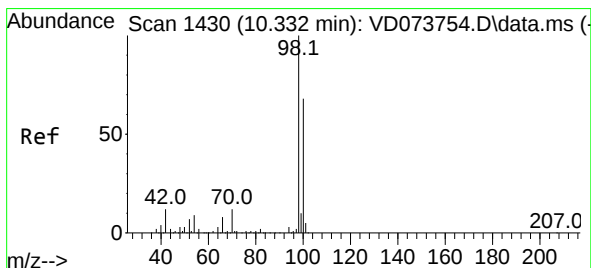
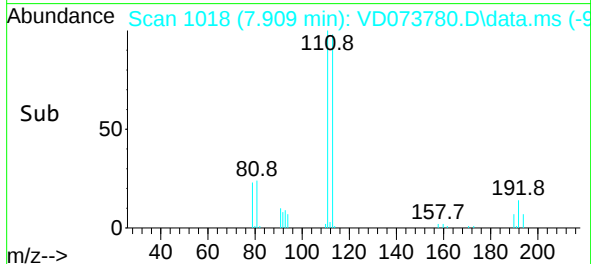
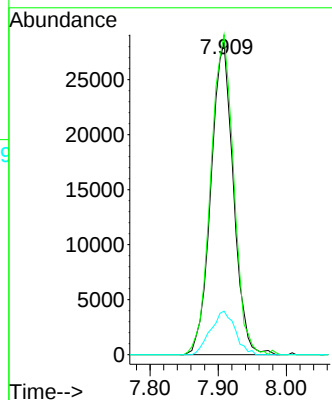
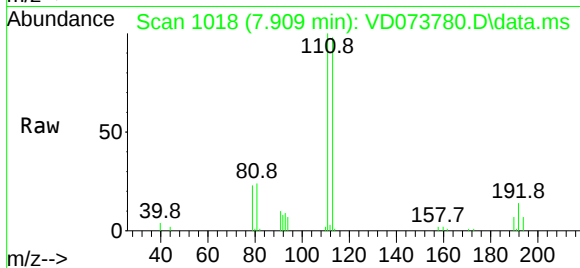
Tgt Ion:113 Resp: 64894

Ion Ratio Lower Upper

113 100

111 105.0 81.8 122.6

192 15.2 14.8 22.2



#50

Toluene-d8

Concen: 41.548 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073780.D

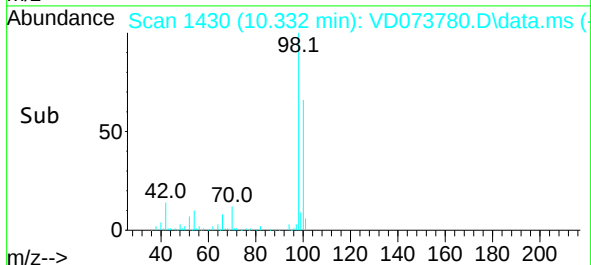
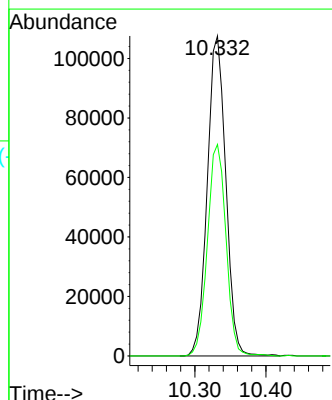
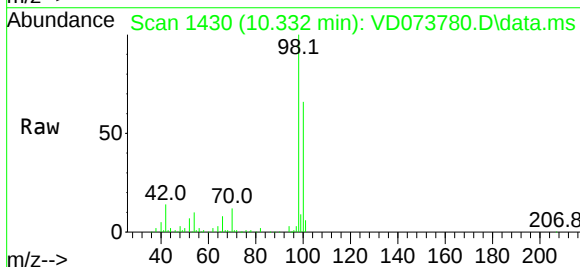
Acq: 05 Jul 2022 18:05

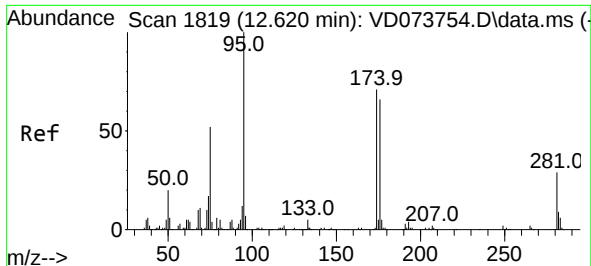
Tgt Ion: 98 Resp: 194577

Ion Ratio Lower Upper

98 100

100 66.2 54.0 81.0

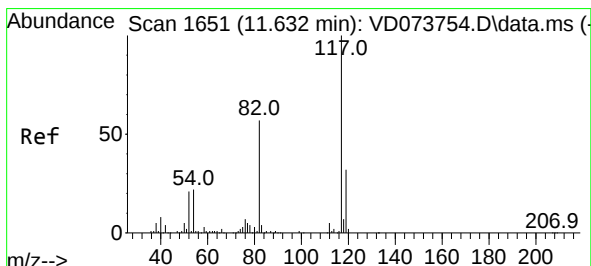
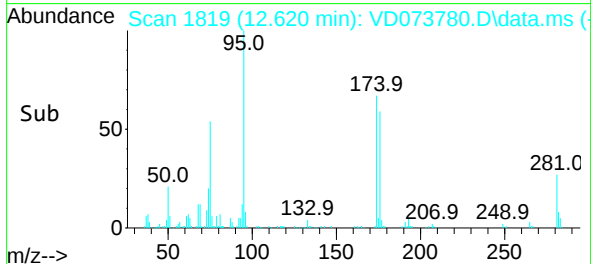
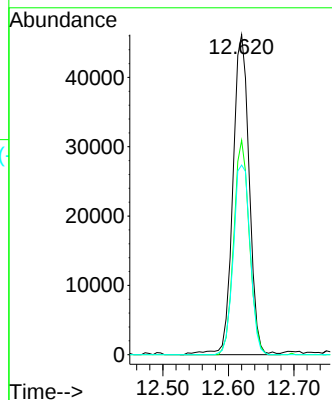
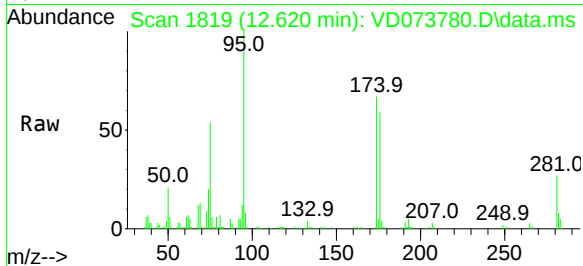




#62
4-Bromofluorobenzene
Concen: 43.277 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

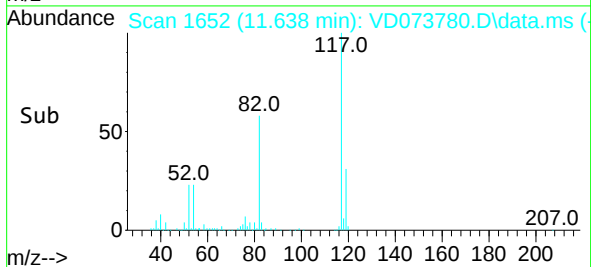
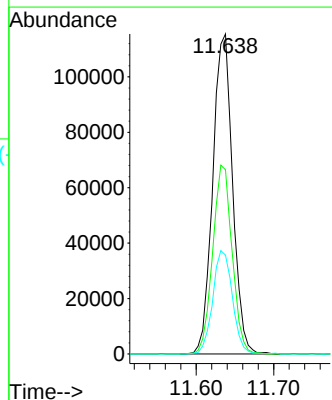
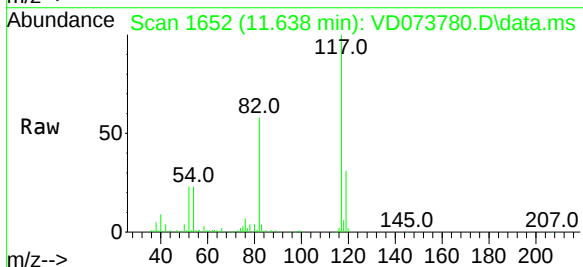
Instrument :
MSVOA_D
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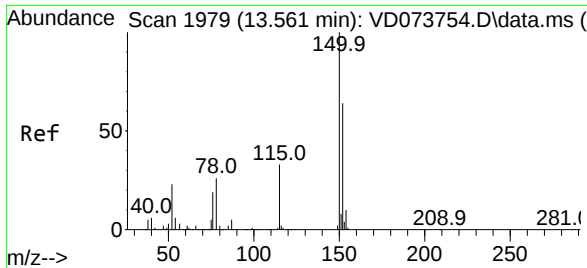
Tgt Ion: 95 Resp: 79938
Ion Ratio Lower Upper
95 100
174 63.8 0.0 158.4
176 60.9 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

Tgt Ion: 117 Resp: 205684
Ion Ratio Lower Upper
117 100
82 57.6 41.5 62.3
119 30.9 27.1 40.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073780.D
 Acq: 05 Jul 2022 18:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7B

Tgt Ion:152 Resp: 74366
 Ion Ratio Lower Upper
 152 100
 115 64.7 30.6 91.6
 150 155.3 0.0 355.0

