

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073765.D
 Acq On : 01 Jul 2022 15:37
 Operator : VA/SY
 Sample : N3562-01
 Misc : 5.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7A

Quant Time: Jul 05 05:08:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

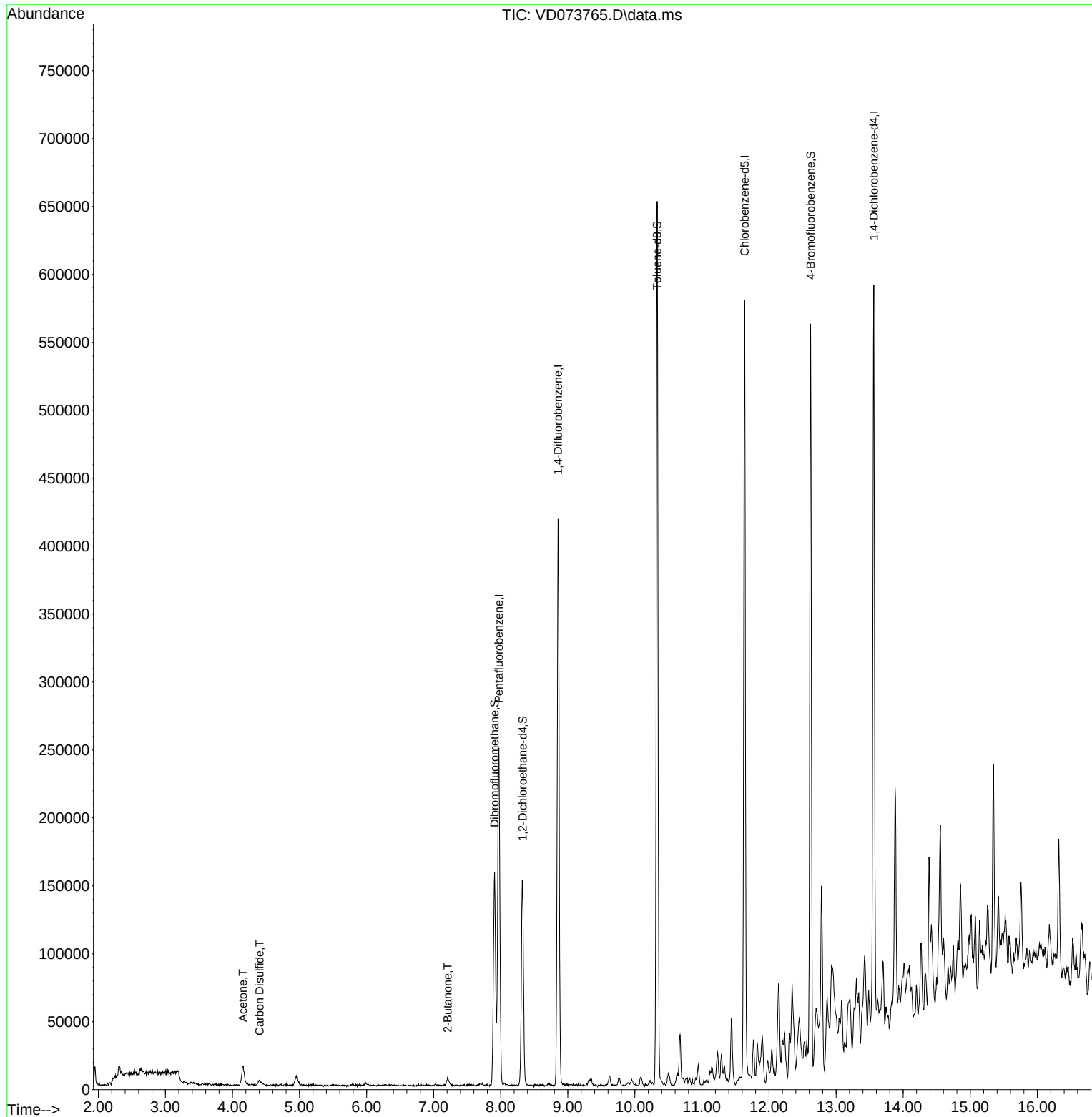
Internal Standards						
1) Pentafluorobenzene	7.973	168	171377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	348715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	310472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	134764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	117448	70.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.500%
35) Dibromofluoromethane	7.908	113	109706	57.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.820%
50) Toluene-d8	10.332	98	431459	62.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.180%
62) 4-Bromofluorobenzene	12.620	95	151449	55.258	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.520%
Target Compounds						
16) Acetone	4.156	43	24886	71.545	ug/l	91
17) Carbon Disulfide	4.403	76	7647	3.468	ug/l #	91
25) 2-Butanone	7.208	43	8445	14.784	ug/l	96

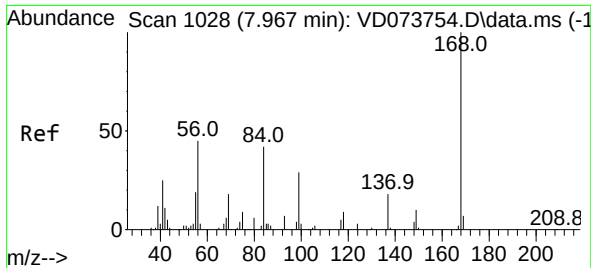
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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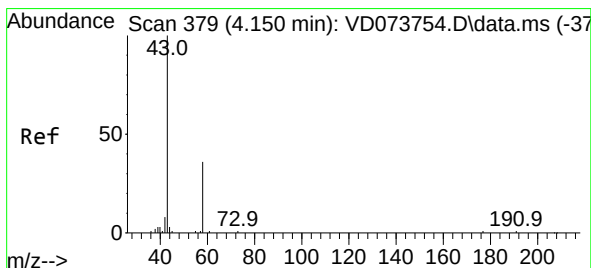
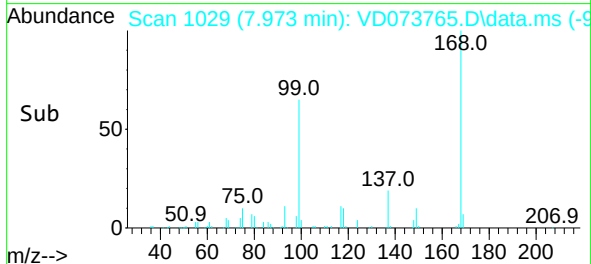
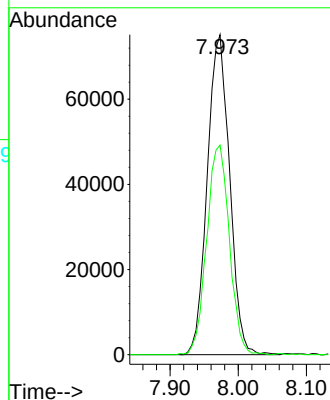
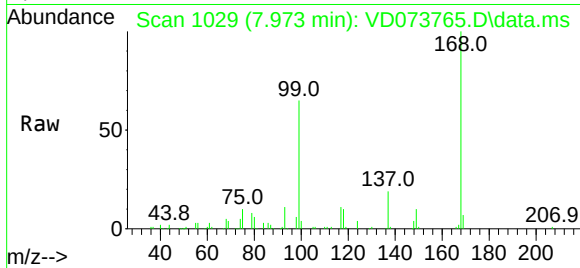




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073765.D
Acq: 01 Jul 2022 15:37

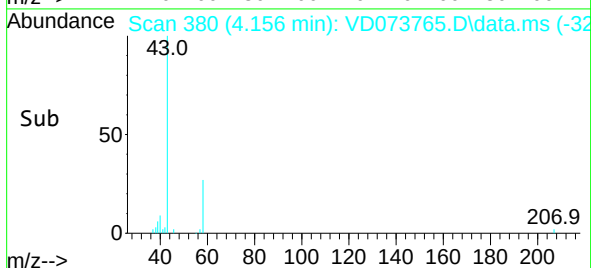
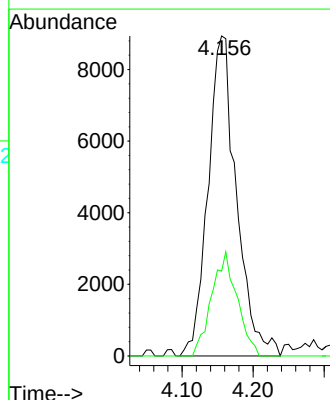
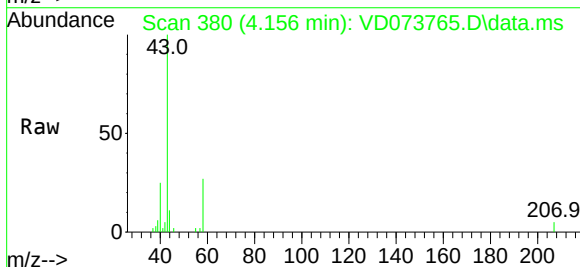
Instrument :
MSVOA_D
ClientSampleId :
SB-7A

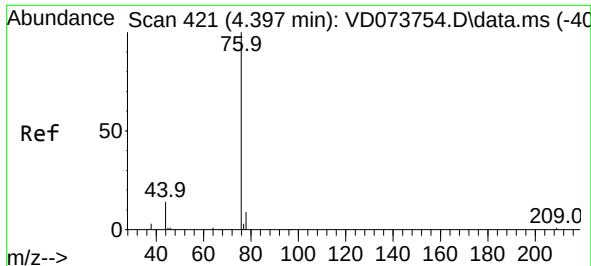
Tgt Ion:168 Resp: 171377
Ion Ratio Lower Upper
168 100
99 65.1 46.4 69.6



#16
Acetone
Concen: 71.545 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073765.D
Acq: 01 Jul 2022 15:37

Tgt Ion: 43 Resp: 24886
Ion Ratio Lower Upper
43 100
58 26.5 25.2 37.8

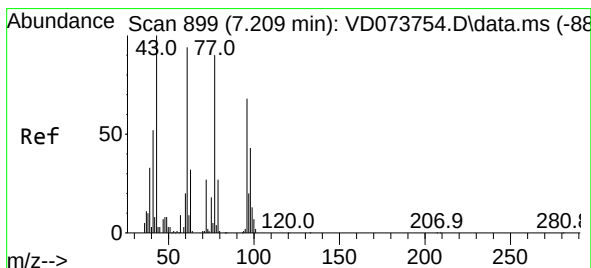
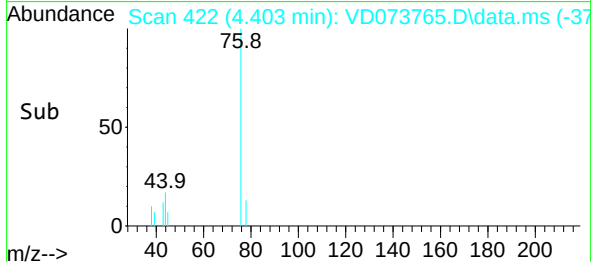
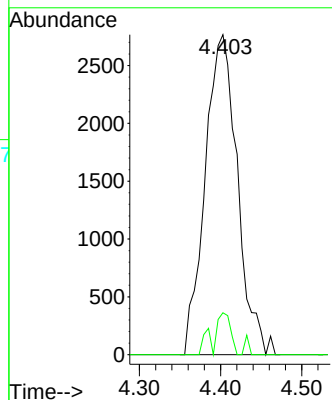
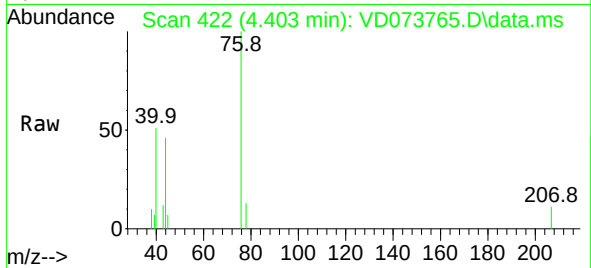




#17
Carbon Disulfide
Concen: 3.468 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073765.D
Acq: 01 Jul 2022 15:37

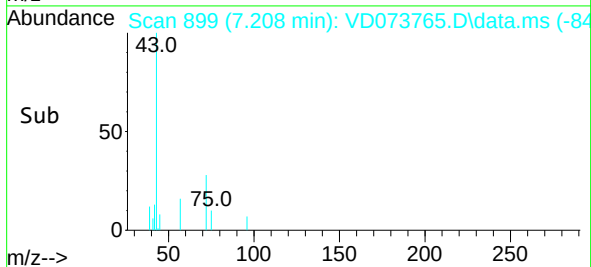
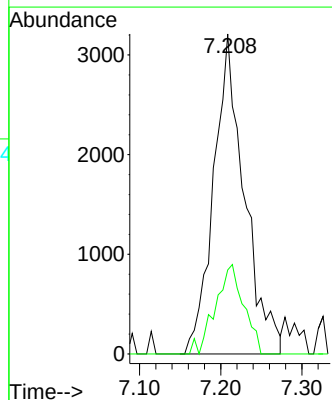
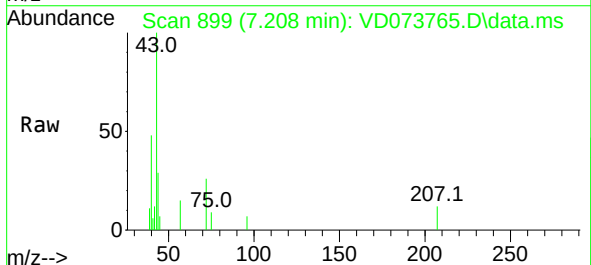
Instrument :
MSVOA_D
ClientSampleId :
SB-7A

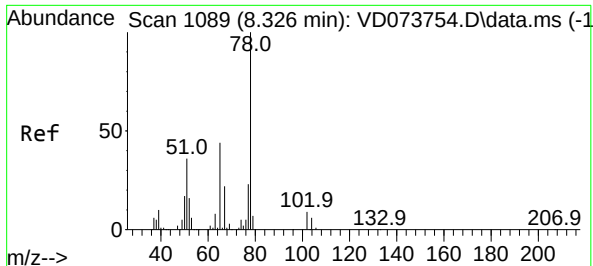
Tgt Ion: 76 Resp: 7647
Ion Ratio Lower Upper
76 100
78 13.1 7.7 11.5#



#25
2-Butanone
Concen: 14.784 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073765.D
Acq: 01 Jul 2022 15:37

Tgt Ion: 43 Resp: 8445
Ion Ratio Lower Upper
43 100
72 26.3 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 70.251 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073765.D

Acq: 01 Jul 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

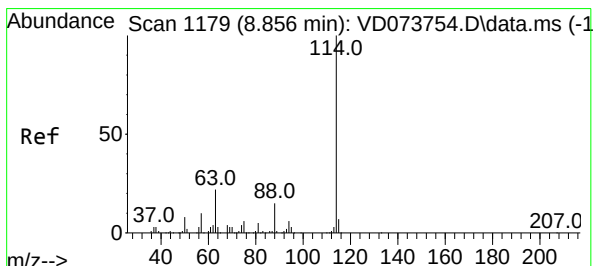
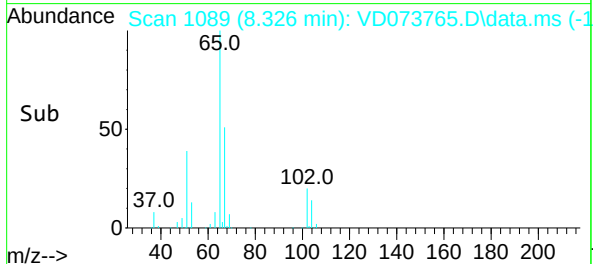
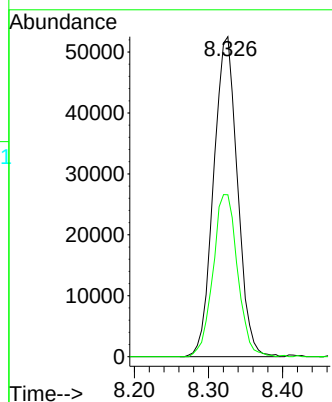
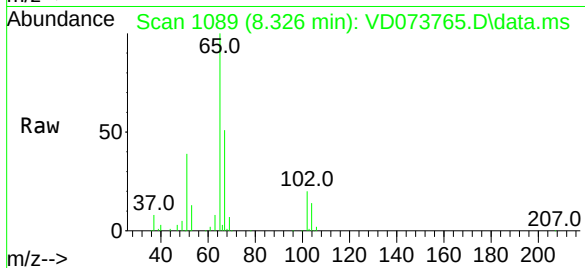
SB-7A

Tgt Ion: 65 Resp: 117448

Ion Ratio Lower Upper

65 100

67 52.1 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: VD073765.D

Acq: 01 Jul 2022 15:37

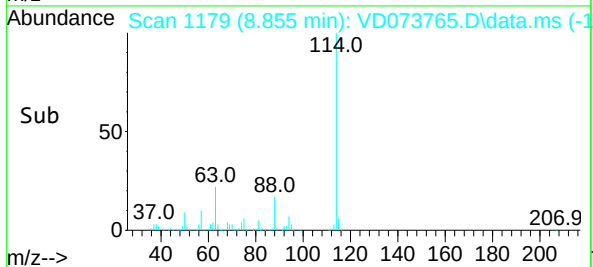
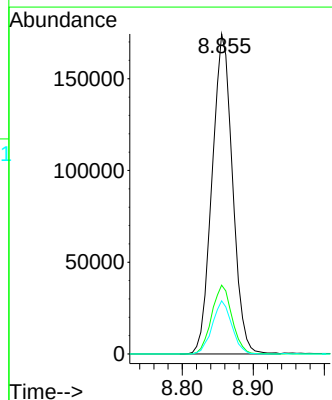
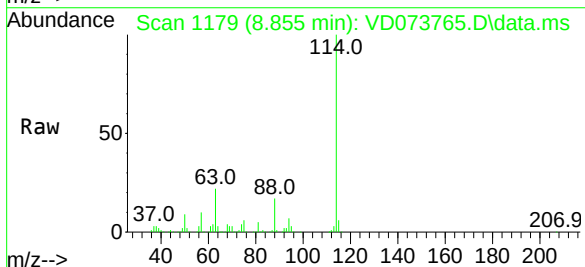
Tgt Ion: 114 Resp: 348715

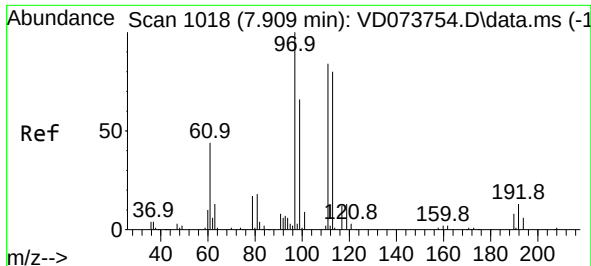
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.2

88 16.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 57.912 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073765.D

Acq: 01 Jul 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

SB-7A

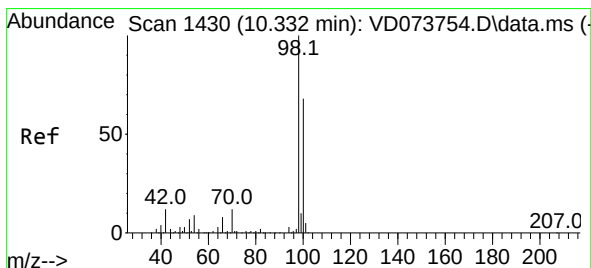
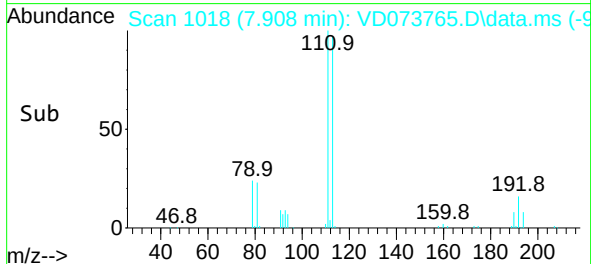
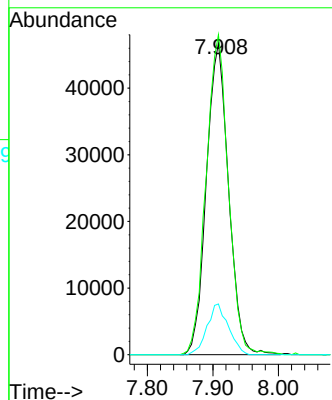
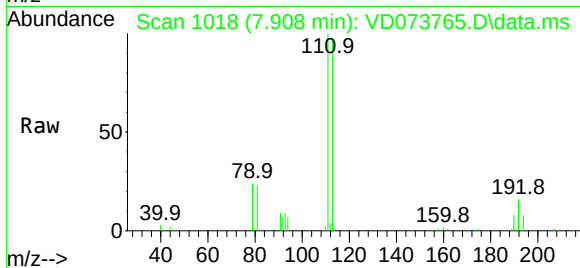
Tgt Ion:113 Resp: 109706

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 15.7 14.8 22.2



#50

Toluene-d8

Concen: 62.090 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073765.D

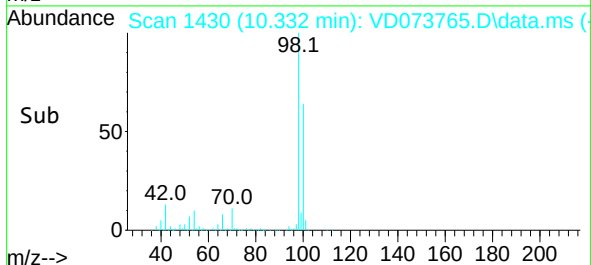
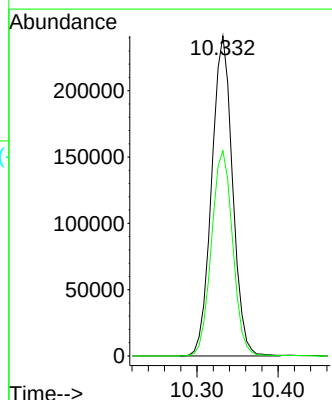
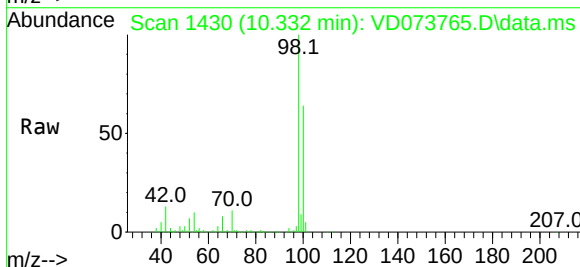
Acq: 01 Jul 2022 15:37

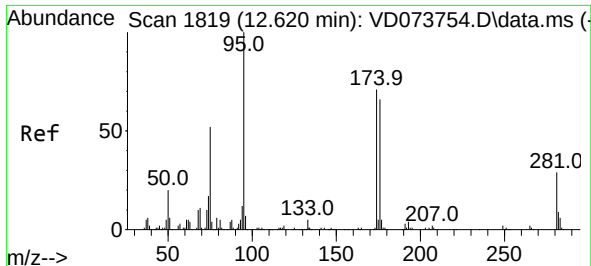
Tgt Ion: 98 Resp: 431459

Ion Ratio Lower Upper

98 100

100 65.1 54.0 81.0

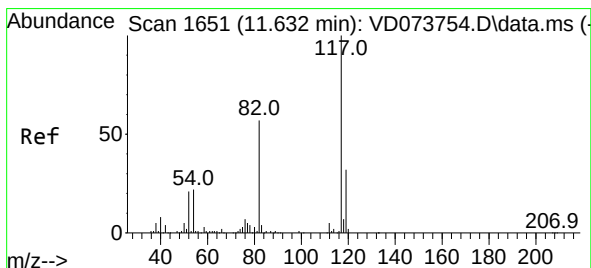
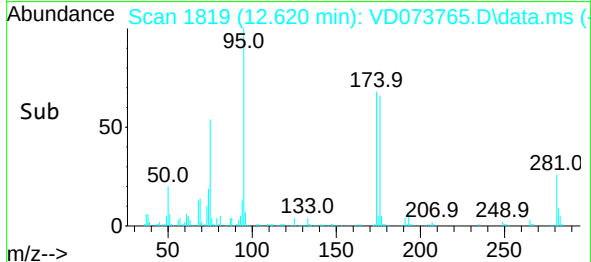
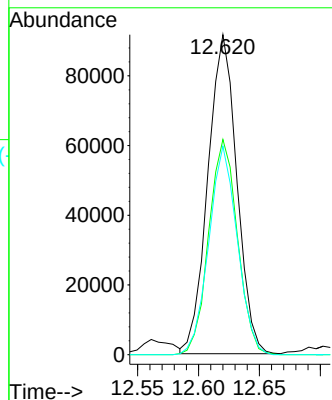
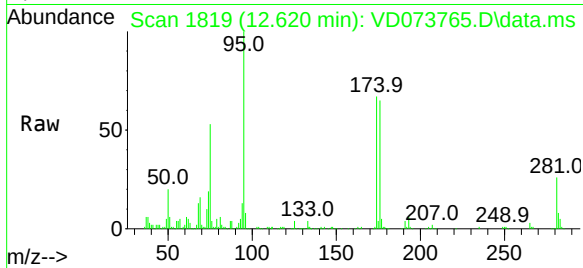




#62
4-Bromofluorobenzene
Concen: 55.258 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073765.D
Acq: 01 Jul 2022 15:37

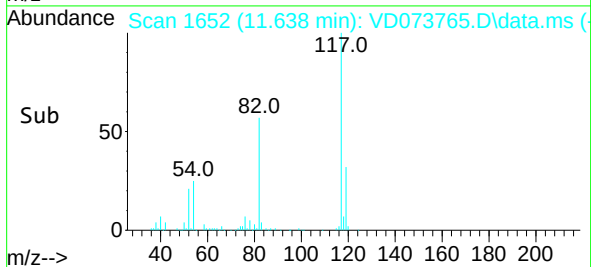
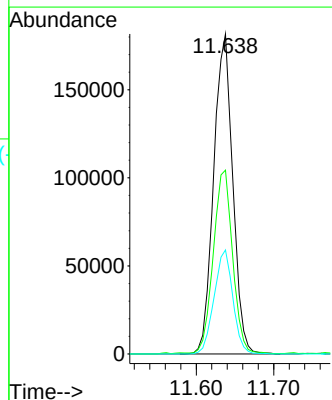
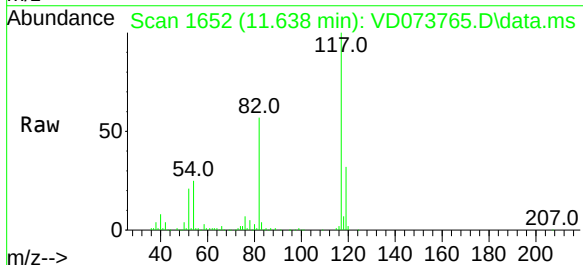
Instrument :
MSVOA_D
ClientSampleId :
SB-7A

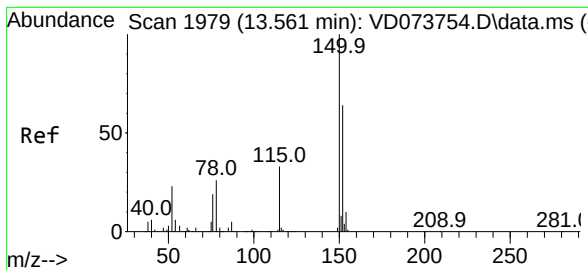
Tgt Ion: 95 Resp: 151449
Ion Ratio Lower Upper
95 100
174 66.8 0.0 158.4
176 64.2 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073765.D
Acq: 01 Jul 2022 15:37

Tgt Ion: 117 Resp: 310472
Ion Ratio Lower Upper
117 100
82 57.3 41.5 62.3
119 32.5 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: VD073765.D
 Acq: 01 Jul 2022 15:37

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7A

Tgt Ion:152 Resp: 134764

Ion	Ratio	Lower	Upper
152	100		
115	65.4	30.6	91.6
150	158.7	0.0	355.0

