

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073767.D
 Acq On : 01 Jul 2022 16:37
 Operator : VA/SY
 Sample : N3562-04
 Misc : 4.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8B

Quant Time: Jul 05 05:08:59 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)

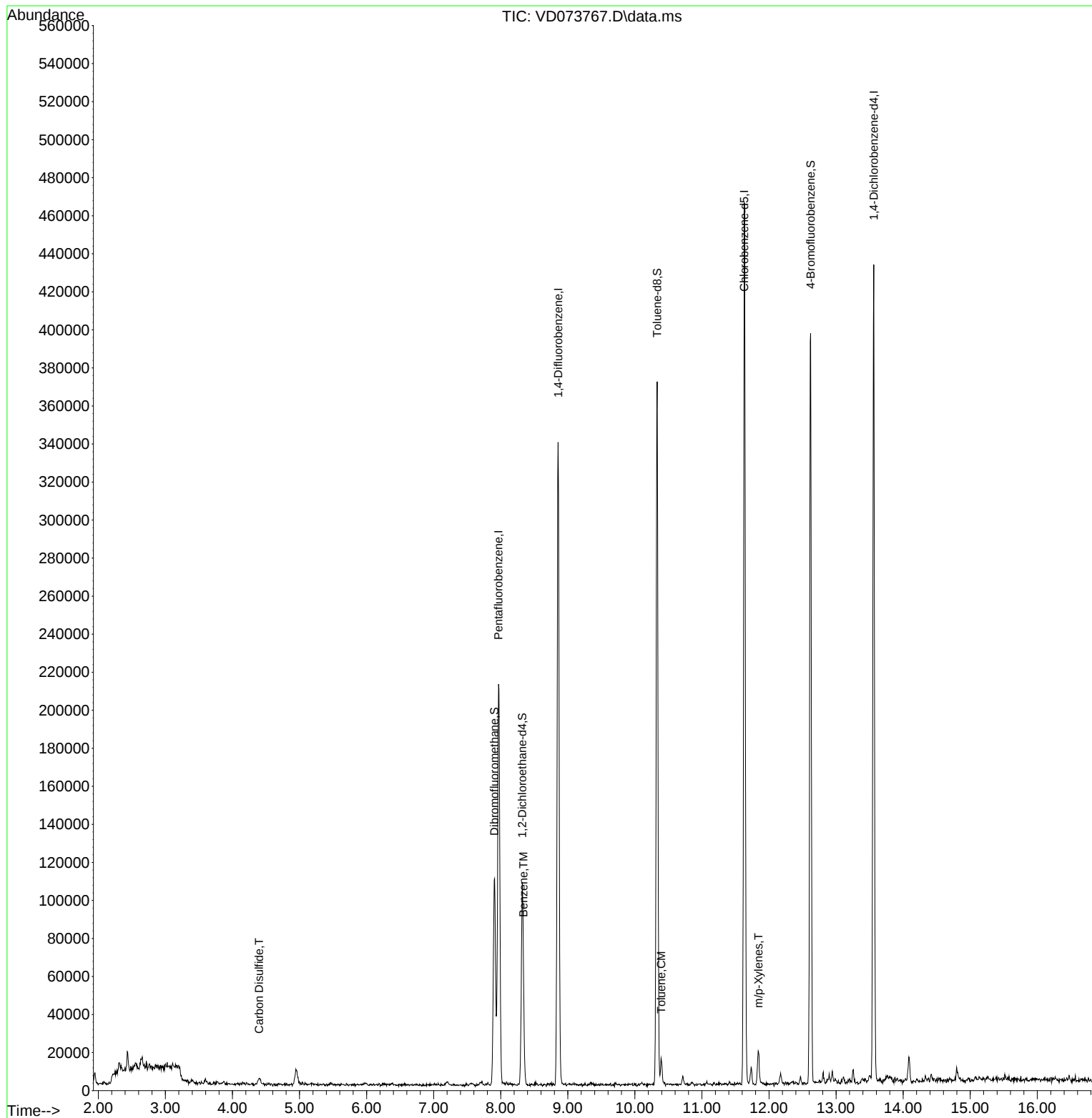
Internal Standards						
1) Pentafluorobenzene	7.967	168	145992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	286360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	252332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	102870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	80020	56.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.380%
35) Dibromofluoromethane	7.903	113	79107	50.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.700%
50) Toluene-d8	10.332	98	247953	43.452	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.900%
62) 4-Bromofluorobenzene	12.620	95	99877	44.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.760%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.397	76	7482	3.984	ug/l #	91
40) Benzene	8.338	78	8674	1.360	ug/l	91
52) Toluene	10.391	92	4919	1.156	ug/l	95
68) m/p-Xylenes	11.844	106	5200	1.598	ug/l	86

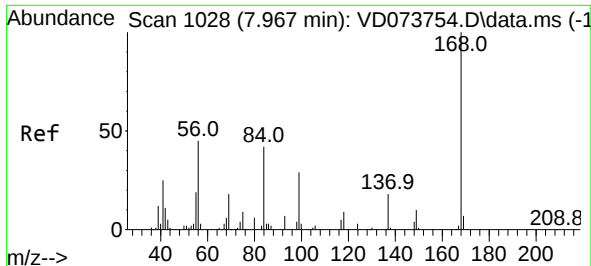
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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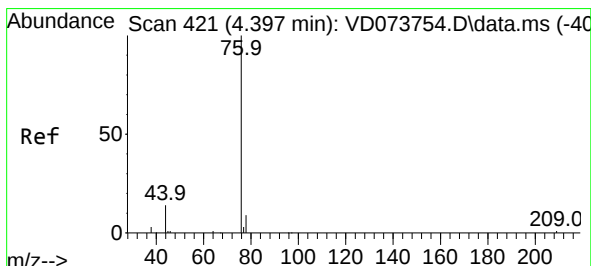
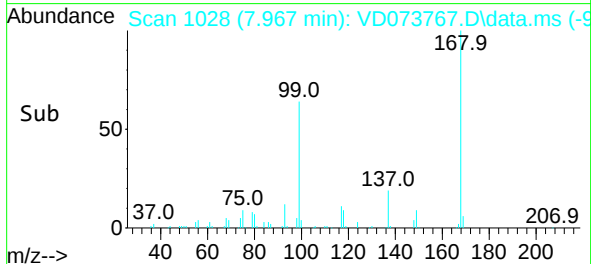
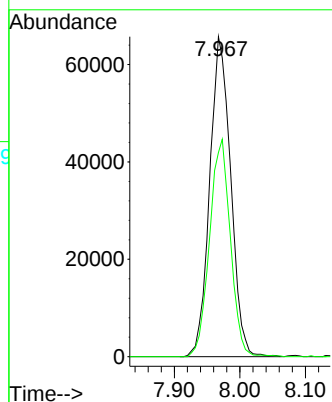
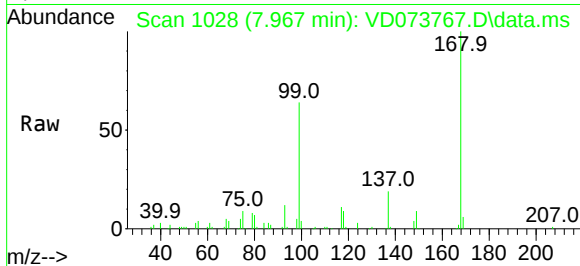




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073767.D
Acq: 01 Jul 2022 16:37

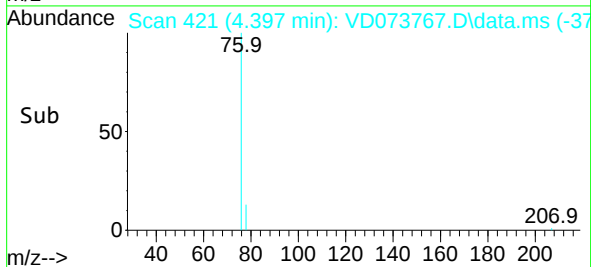
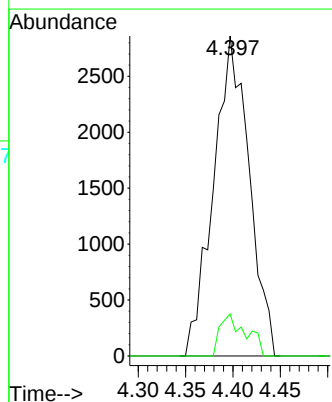
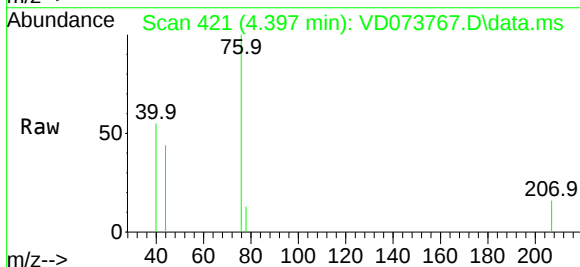
Instrument :
MSVOA_D
ClientSampleId :
SB-8B

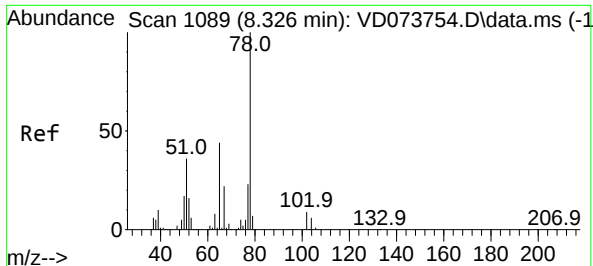
Tgt Ion:168 Resp: 145992
Ion Ratio Lower Upper
168 100
99 63.8 46.4 69.6



#17
Carbon Disulfide
Concen: 3.984 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.000 min
Lab File: VD073767.D
Acq: 01 Jul 2022 16:37

Tgt Ion: 76 Resp: 7482
Ion Ratio Lower Upper
76 100
78 13.1 7.7 11.5#





#33

1,2-Dichloroethane-d4

Concen: 56.186 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073767.D

Acq: 01 Jul 2022 16:37

Instrument :

MSVOA_D

ClientSampleId :

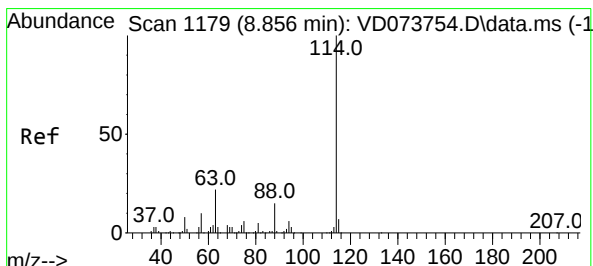
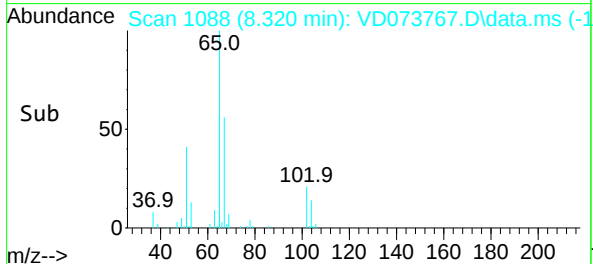
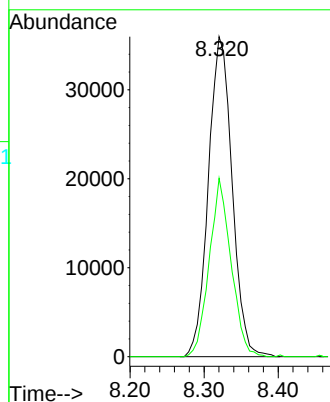
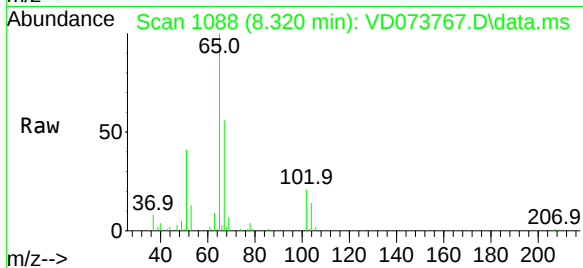
SB-8B

Tgt Ion: 65 Resp: 80020

Ion Ratio Lower Upper

65 100

67 51.2 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: VD073767.D

Acq: 01 Jul 2022 16:37

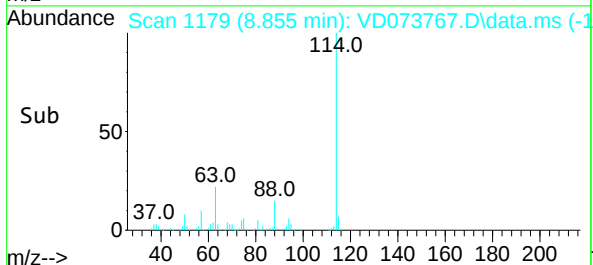
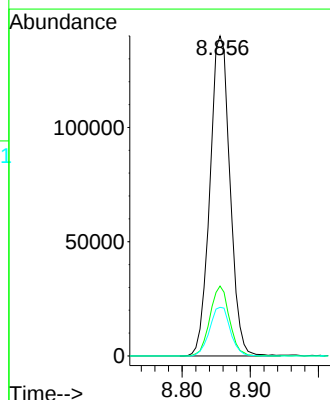
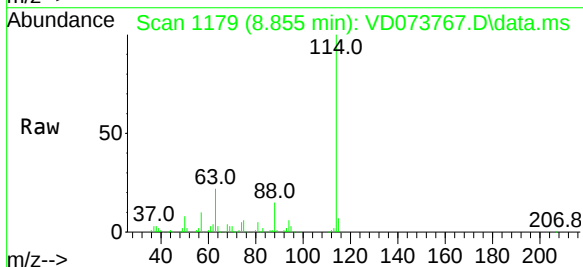
Tgt Ion: 114 Resp: 286360

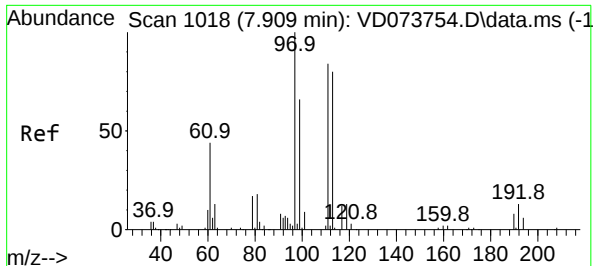
Ion Ratio Lower Upper

114 100

63 21.9 0.0 39.2

88 15.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.852 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073767.D

Acq: 01 Jul 2022 16:37

Instrument :

MSVOA_D

ClientSampleId :

SB-8B

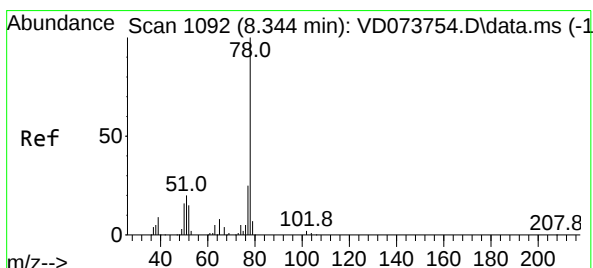
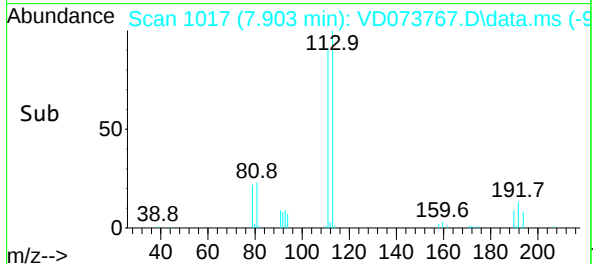
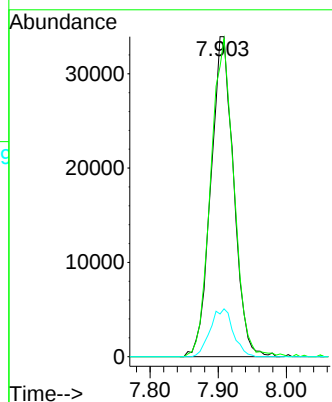
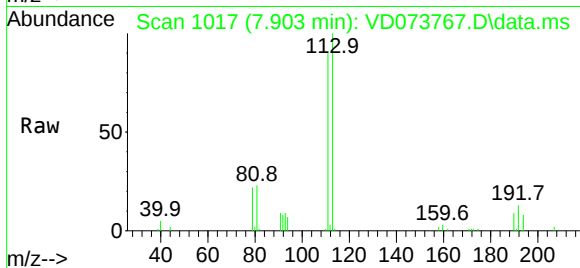
Tgt Ion:113 Resp: 79107

Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.6

192 15.1 14.8 22.2



#40

Benzene

Concen: 1.360 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD073767.D

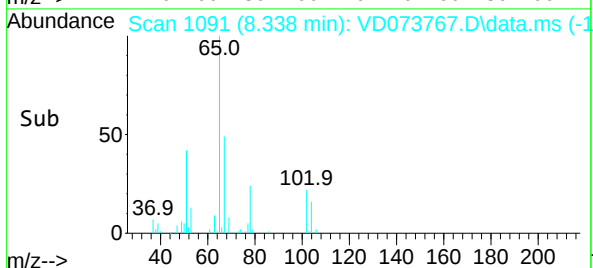
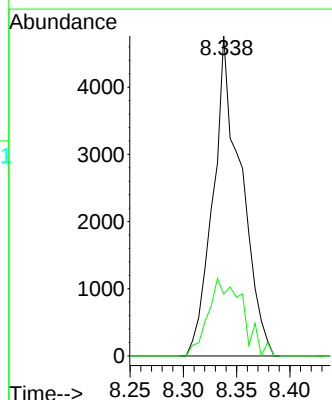
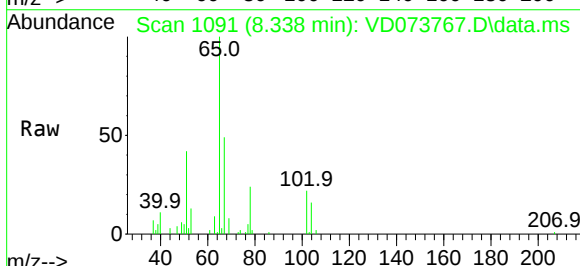
Acq: 01 Jul 2022 16:37

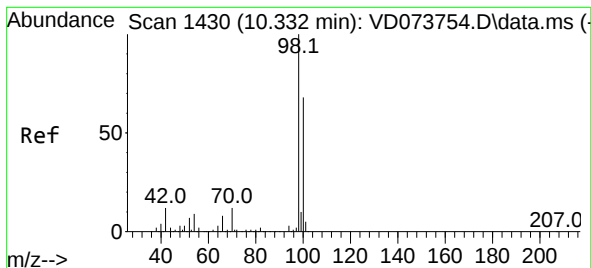
Tgt Ion: 78 Resp: 8674

Ion Ratio Lower Upper

78 100

77 19.3 19.0 28.4

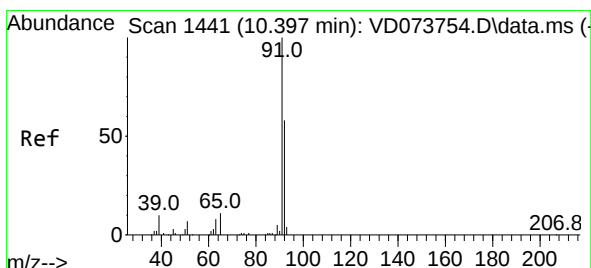
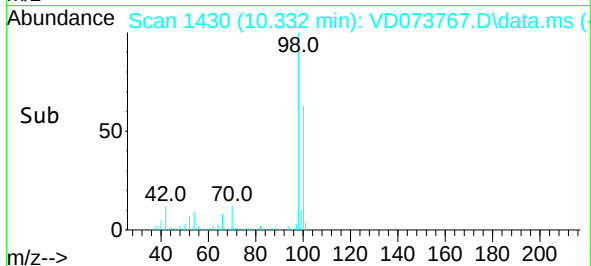
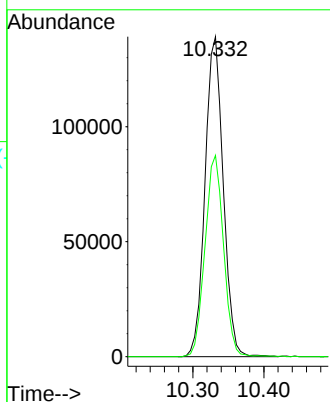
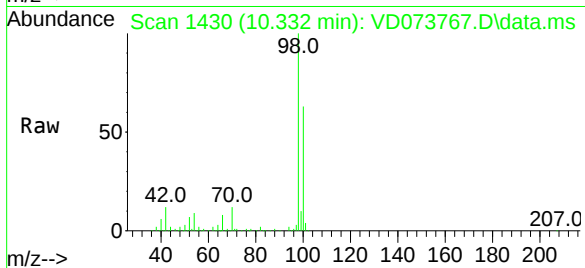




#50
Toluene-d8
Concen: 43.452 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073767.D
Acq: 01 Jul 2022 16:37

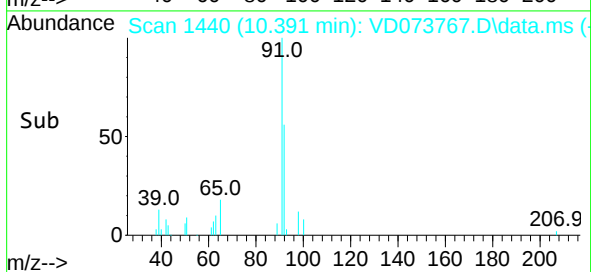
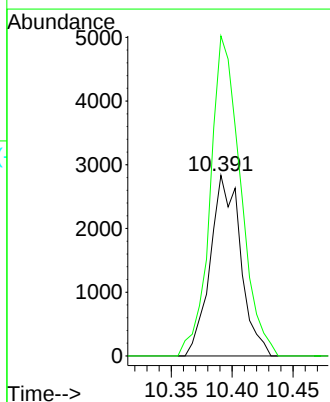
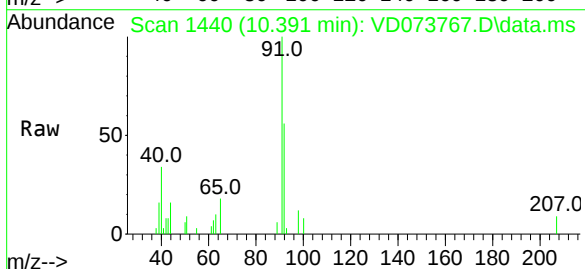
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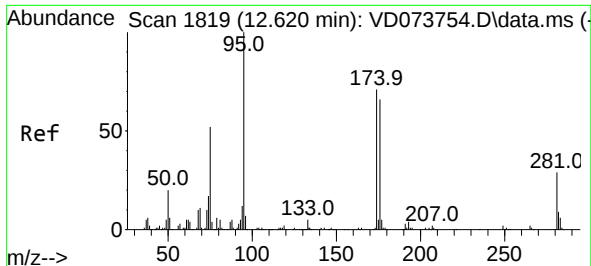
Tgt Ion: 98 Resp: 247953
Ion Ratio Lower Upper
98 100
100 64.2 54.0 81.0



#52
Toluene
Concen: 1.156 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073767.D
Acq: 01 Jul 2022 16:37

Tgt Ion: 92 Resp: 4919
Ion Ratio Lower Upper
92 100
91 176.7 136.1 204.1

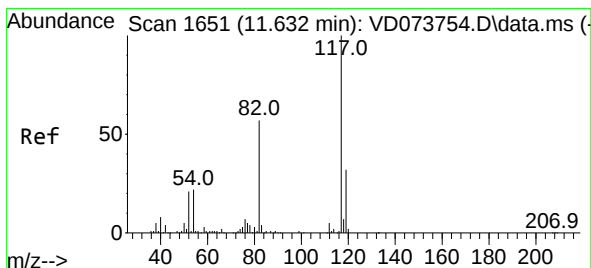
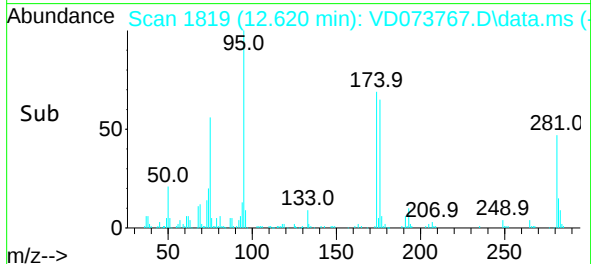
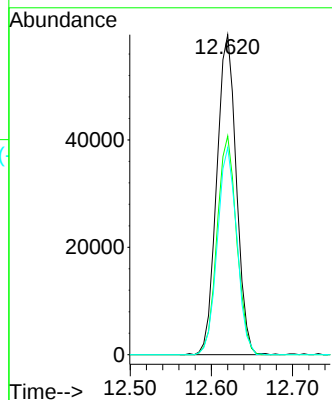
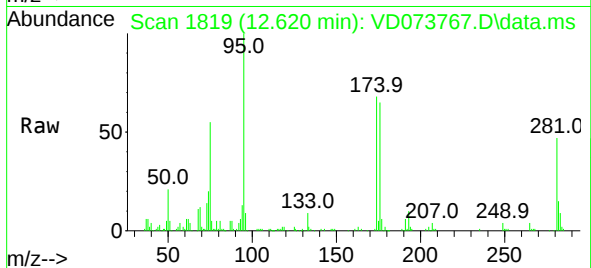




#62
4-Bromofluorobenzene
Concen: 44.376 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073767.D
Acq: 01 Jul 2022 16:37

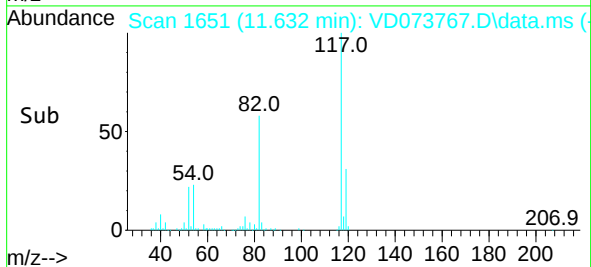
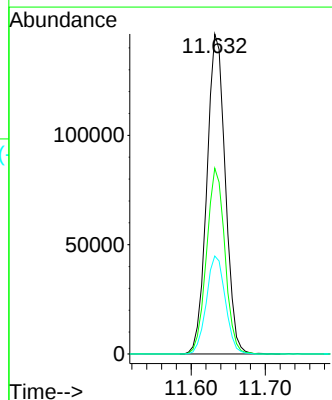
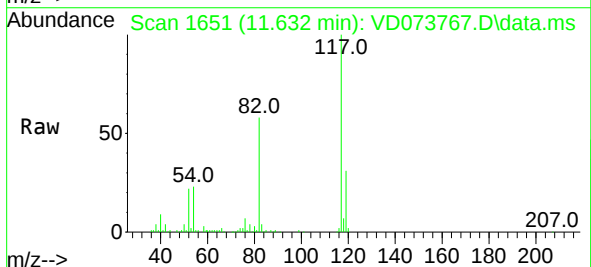
Instrument :
MSVOA_D
ClientSampleId :
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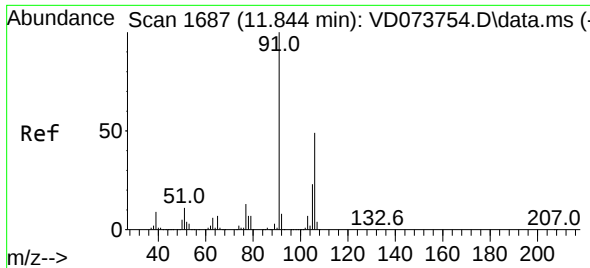
Tgt Ion: 95 Resp: 99877
Ion Ratio Lower Upper
95 100
174 68.0 0.0 158.4
176 64.0 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073767.D
Acq: 01 Jul 2022 16:37

Tgt Ion: 117 Resp: 252332
Ion Ratio Lower Upper
117 100
82 58.0 41.5 62.3
119 30.6 27.1 40.7

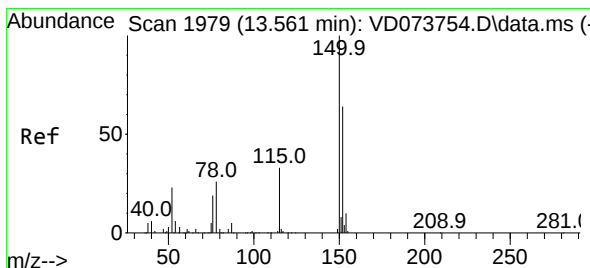
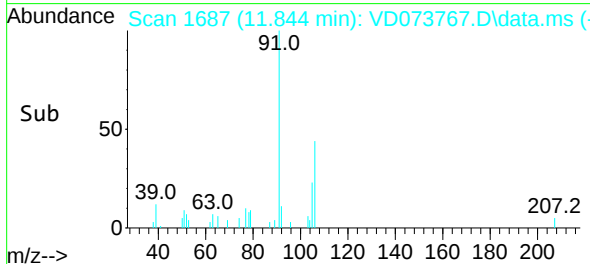
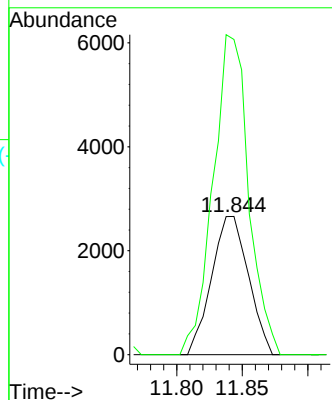
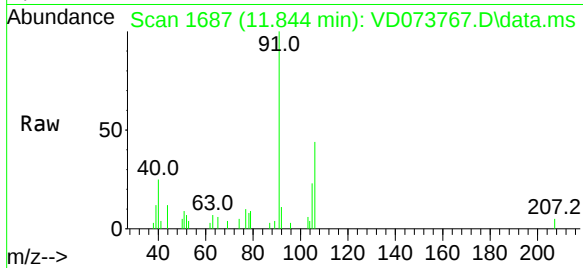




#68
m/p-Xylenes
Concen: 1.598 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073767.D
Acq: 01 Jul 2022 16:37

Instrument :
MSVOA_D
ClientSampleId :
SB-8B

Tgt Ion:106 Resp: 5200
Ion Ratio Lower Upper
106 100
91 223.1 161.4 242.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073767.D
Acq: 01 Jul 2022 16:37

Tgt Ion:152 Resp: 102870
Ion Ratio Lower Upper
152 100
115 65.5 30.6 91.6
150 155.9 0.0 355.0

