

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070920.D
 Acq On : 03 Nov 2021 19:53
 Operator : VA/SY
 Sample : M4454-05
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11221-A

Quant Time: Nov 03 22:16:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

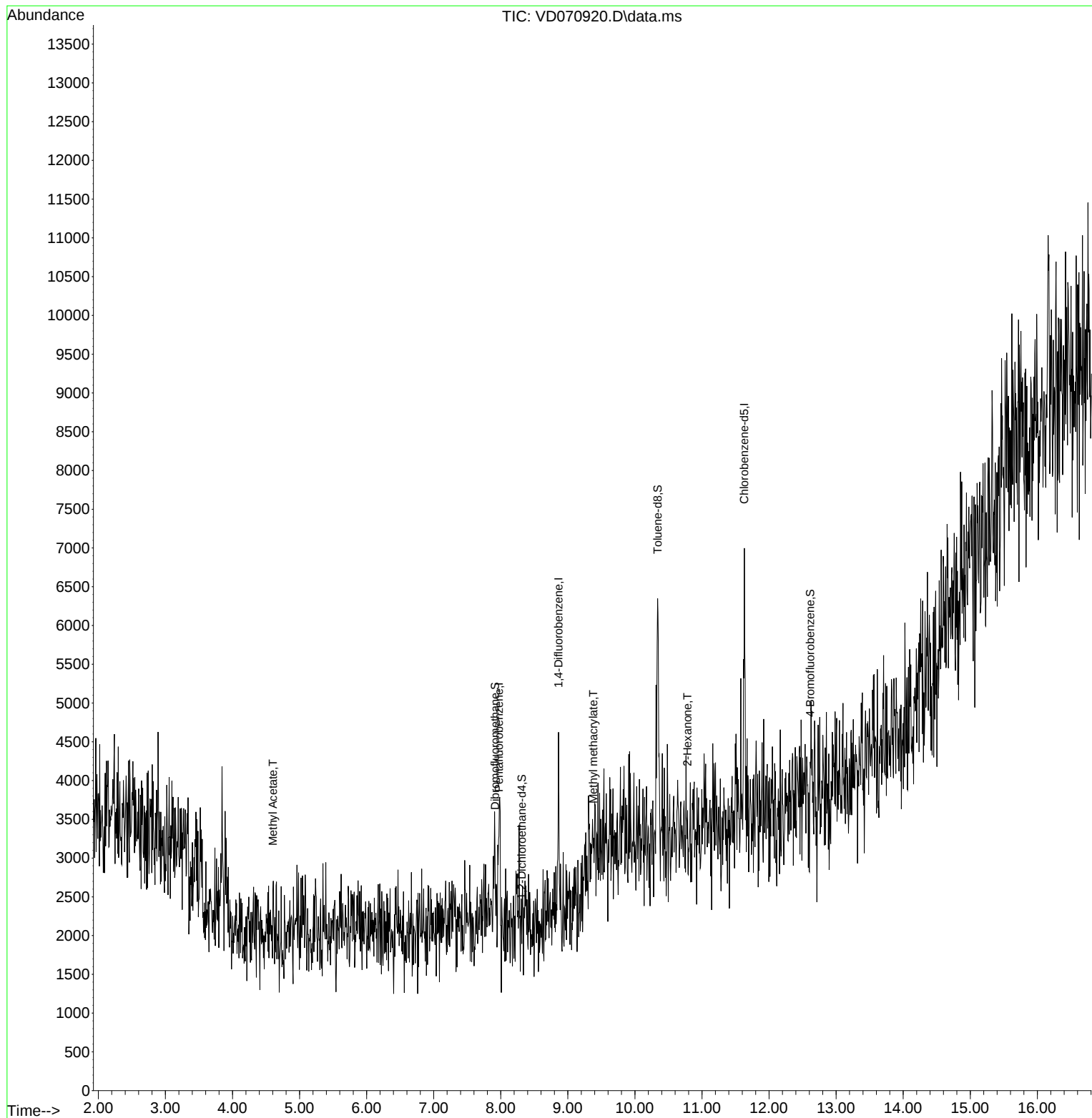
Internal Standards						
1) Pentafluorobenzene	7.973	168	1507	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	2269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	1276	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	185	12.206	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	24.420%#
35) Dibromofluoromethane	7.914	113	740	49.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.338	98	2752	48.895	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.614	95	65	3.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	7.000%#
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.603	43	140	11.581	ug/l #	51
48) Methyl methacrylate	9.379	41	76	9.695	ug/l #	15
59) 2-Hexanone	10.785	43	55	8.955	ug/l #	22

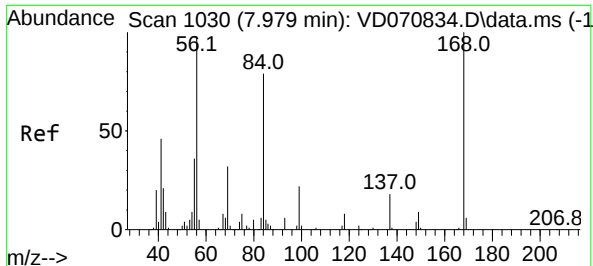
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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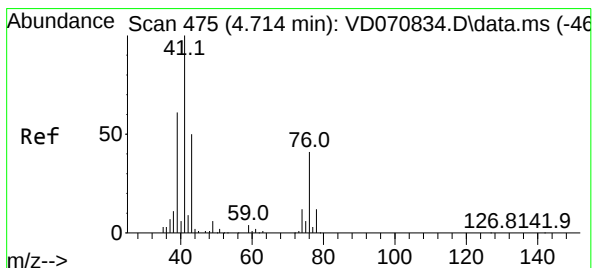
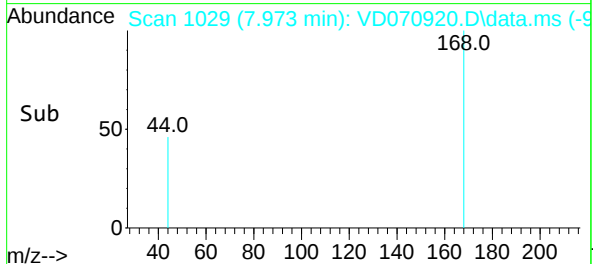
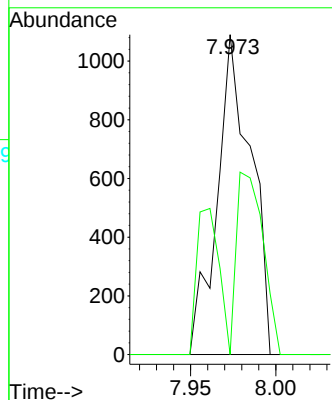
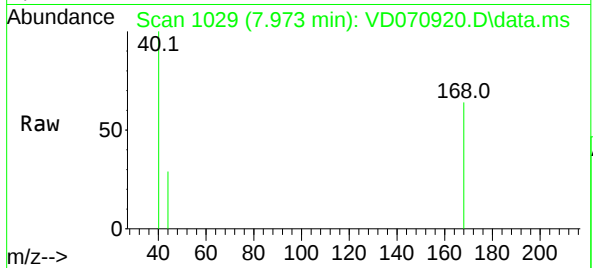




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070920.D
Acq: 03 Nov 2021 19:53

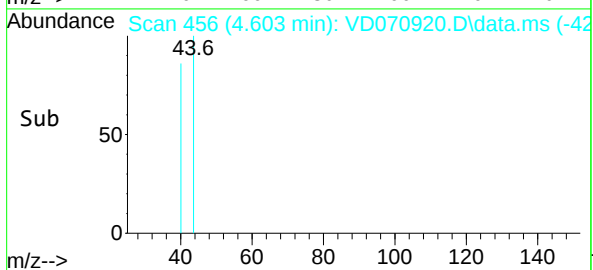
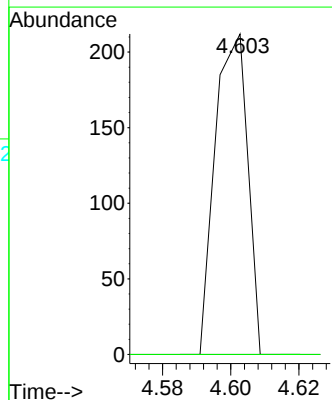
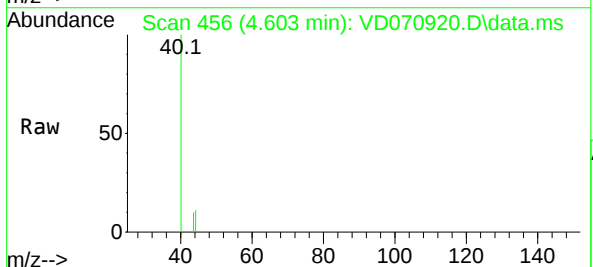
Instrument :
MSVOA_D
ClientSampleId :
11221-A

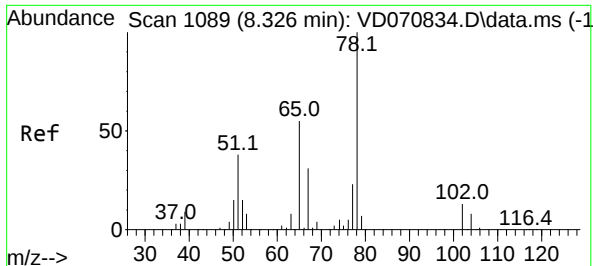
Tgt Ion:168 Resp: 1507
Ion Ratio Lower Upper
168 100
99 0.0 46.6 69.8#



#18
Methyl Acetate
Concen: 11.581 ug/l
RT: 4.603 min Scan# 456
Delta R.T. -0.112 min
Lab File: VD070920.D
Acq: 03 Nov 2021 19:53

Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#





#33

1,2-Dichloroethane-d4

Concen: 12.206 ug/l

RT: 8.314 min Scan# 110

Delta R.T. -0.012 min

Lab File: VD070920.D

Acq: 03 Nov 2021 19:53

Instrument :

MSVOA_D

ClientSampleId :

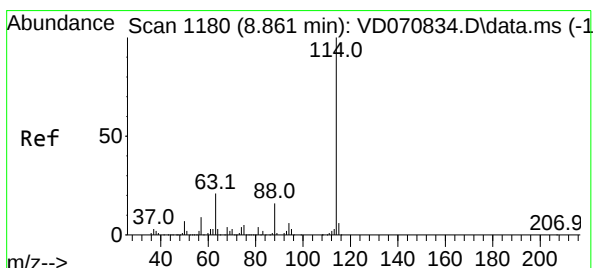
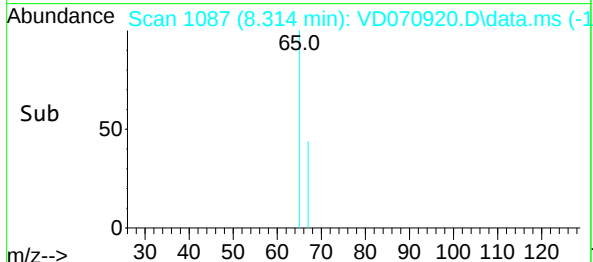
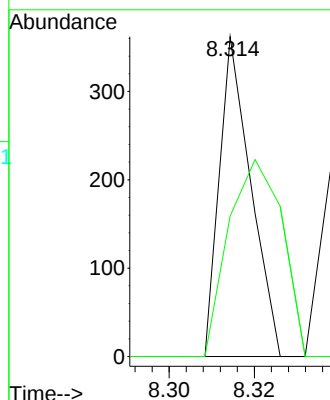
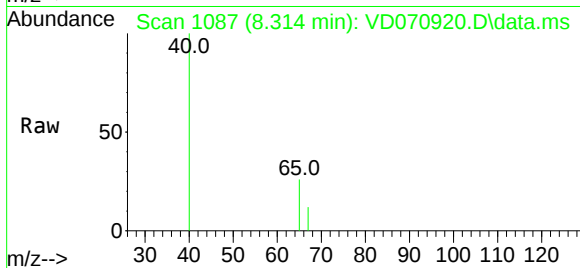
11221-A

Tgt Ion: 65 Resp: 185

Ion Ratio Lower Upper

65 100

67 105.4 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070920.D

Acq: 03 Nov 2021 19:53

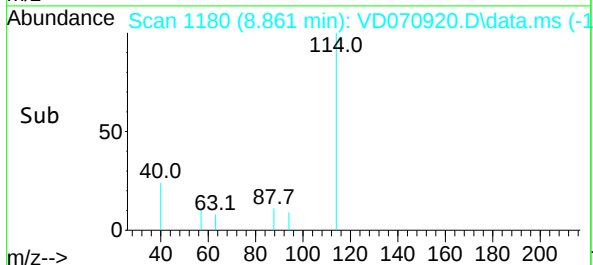
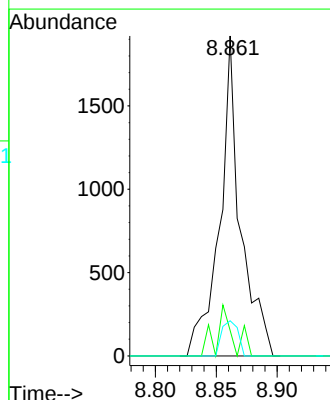
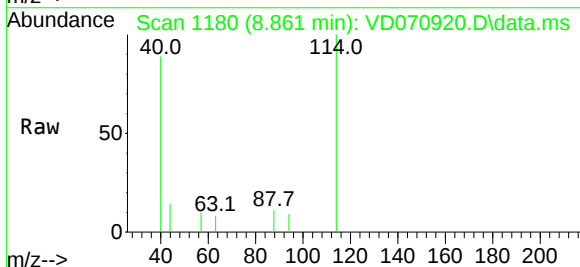
Tgt Ion: 114 Resp: 2269

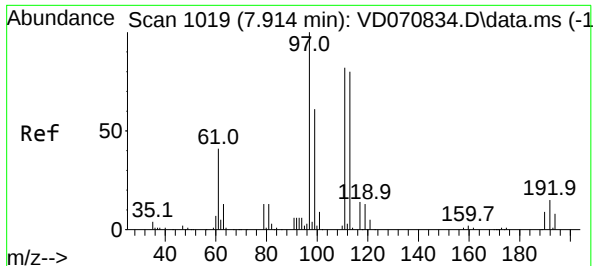
Ion Ratio Lower Upper

114 100

63 8.0 0.0 41.8

88 11.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.463 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070920.D

Acq: 03 Nov 2021 19:53

Instrument :

MSVOA_D

ClientSampleId :

11221-A

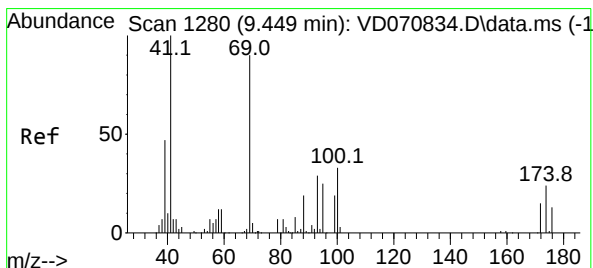
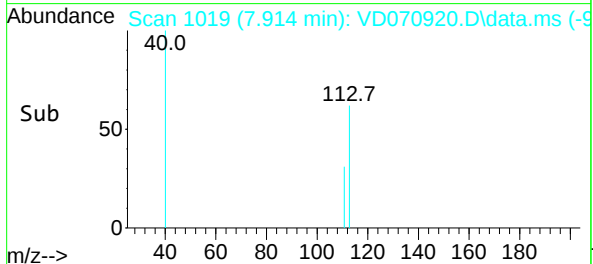
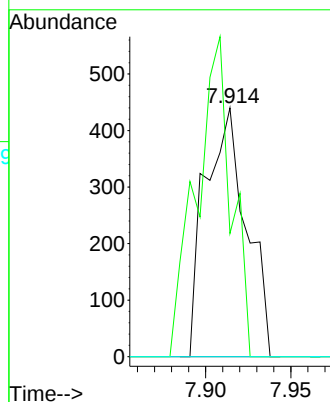
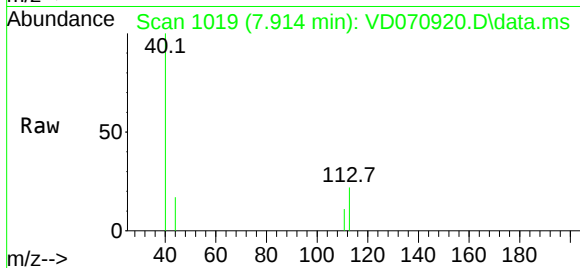
Tgt Ion:113 Resp: 740

Ion Ratio Lower Upper

113 100

111 109.2 82.0 123.0

192 0.0 15.2 22.8#



#48

Methyl methacrylate

Concen: 9.695 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.070 min

Lab File: VD070920.D

Acq: 03 Nov 2021 19:53

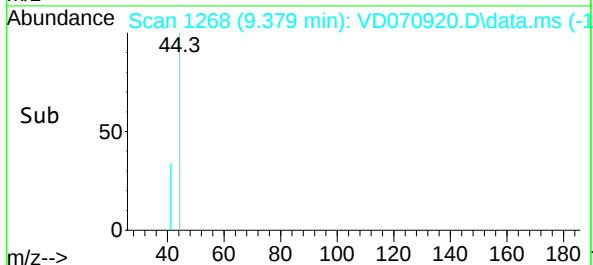
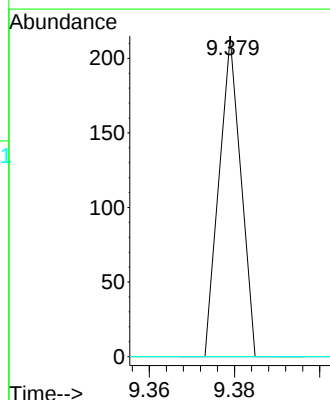
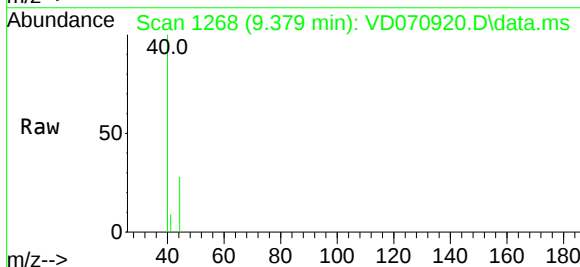
Tgt Ion: 41 Resp: 76

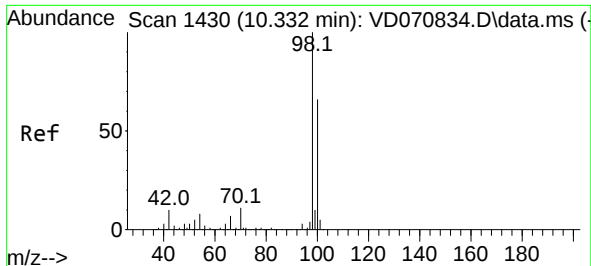
Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.6#

39 0.0 35.6 53.4#

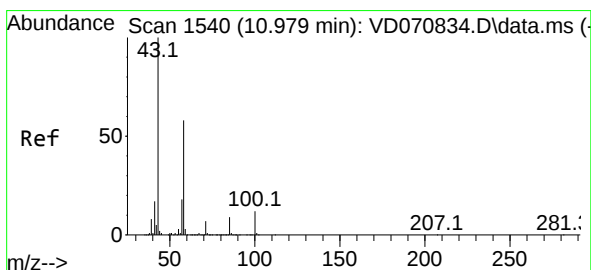
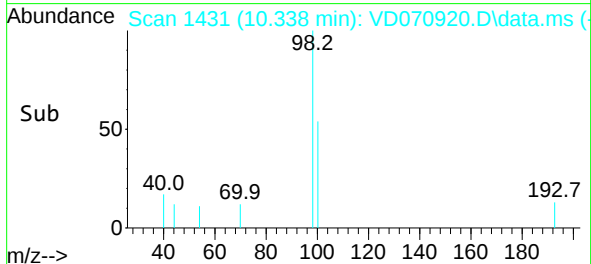
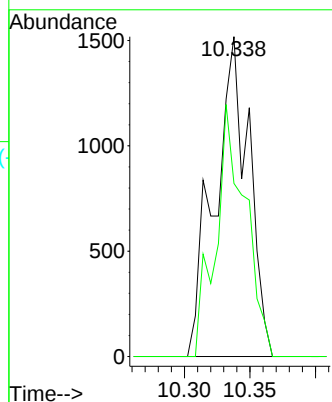
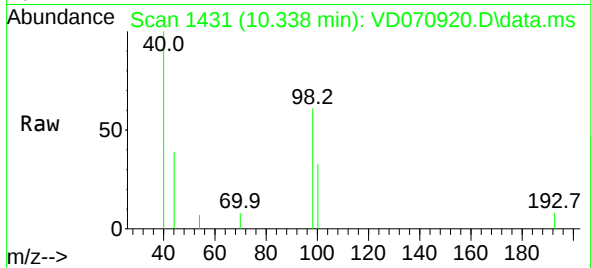




#50
Toluene-d8
Concen: 48.895 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD070920.D
Acq: 03 Nov 2021 19:53

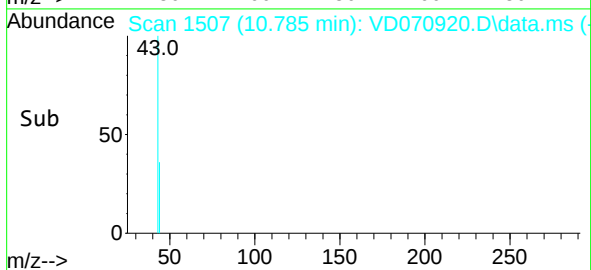
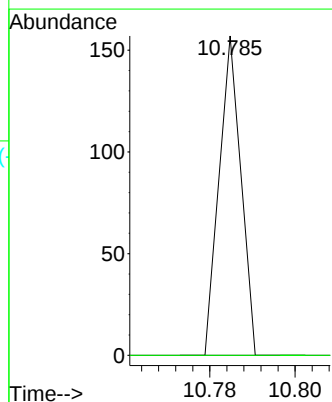
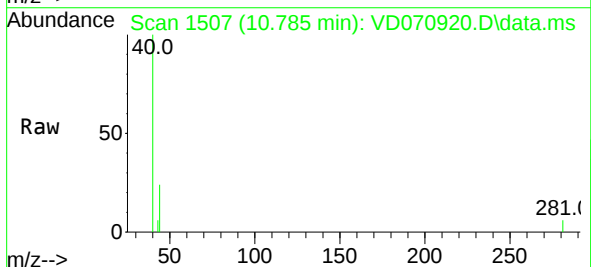
Instrument :
MSVOA_D
ClientSampleId :
11221-A

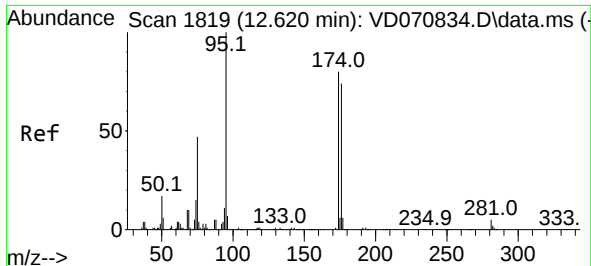
Tgt Ion: 98 Resp: 2752
Ion Ratio Lower Upper
98 100
100 68.5 51.8 77.6



#59
2-Hexanone
Concen: 8.955 ug/l
RT: 10.785 min Scan# 1507
Delta R.T. -0.194 min
Lab File: VD070920.D
Acq: 03 Nov 2021 19:53

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

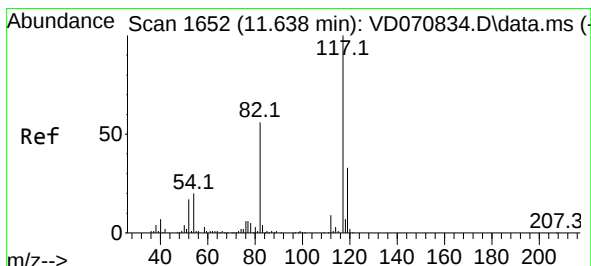
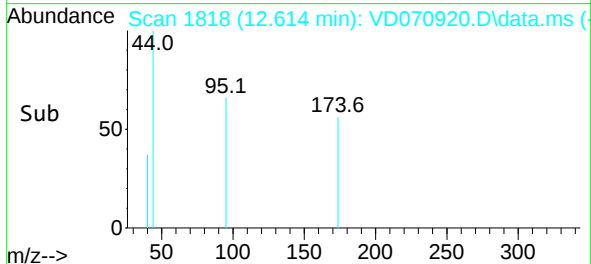
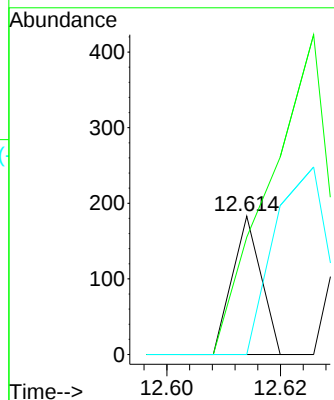
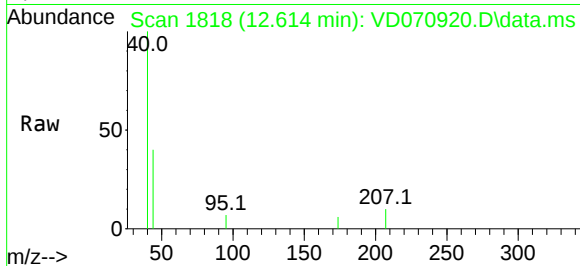




#62
4-Bromofluorobenzene
Concen: 3.500 ug/l
RT: 12.614 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070920.D
Acq: 03 Nov 2021 19:53

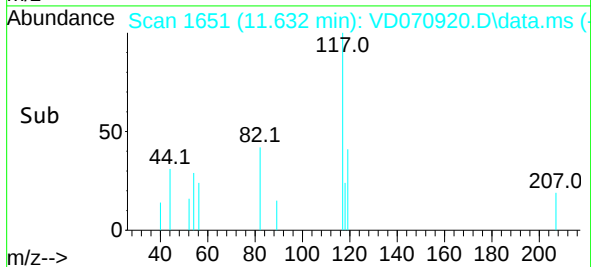
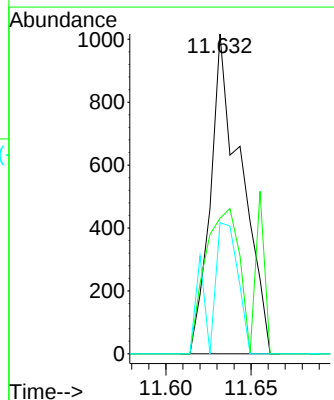
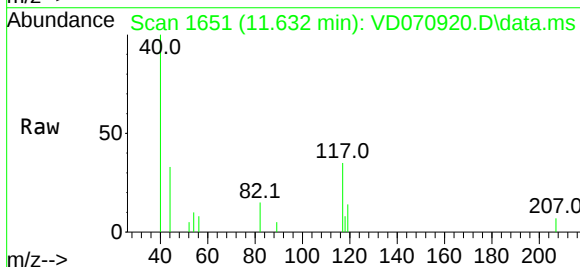
Instrument :
MSVOA_D
ClientSampleId :
11221-A

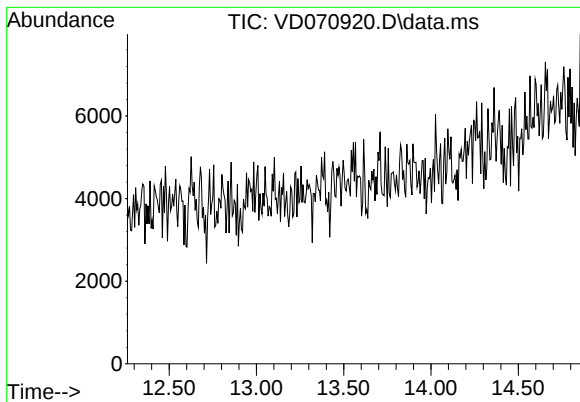
Tgt Ion: 95	Resp:	65
Ion Ratio	Lower	Upper
95	100	
174	0.0	159.4
176	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070920.D
Acq: 03 Nov 2021 19:53

Tgt Ion: 117	Resp:	1276
Ion Ratio	Lower	Upper
117	100	
82	42.4	67.1#
119	41.0	39.4#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.56 min
Lab File: VD070920.D
Acq: 03 Nov 2021 19:53

Instrument :
MSVOA_D
ClientSampleId :
11221-A

Tgt Ion: 152
Sig Exp Ratio
152 100
115 59.5
150 174.6

