

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070424.D
 Acq On : 22 Sep 2021 14:01
 Operator : VA/SY
 Sample : M3870-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-C

Quant Time: Sep 23 05:31:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

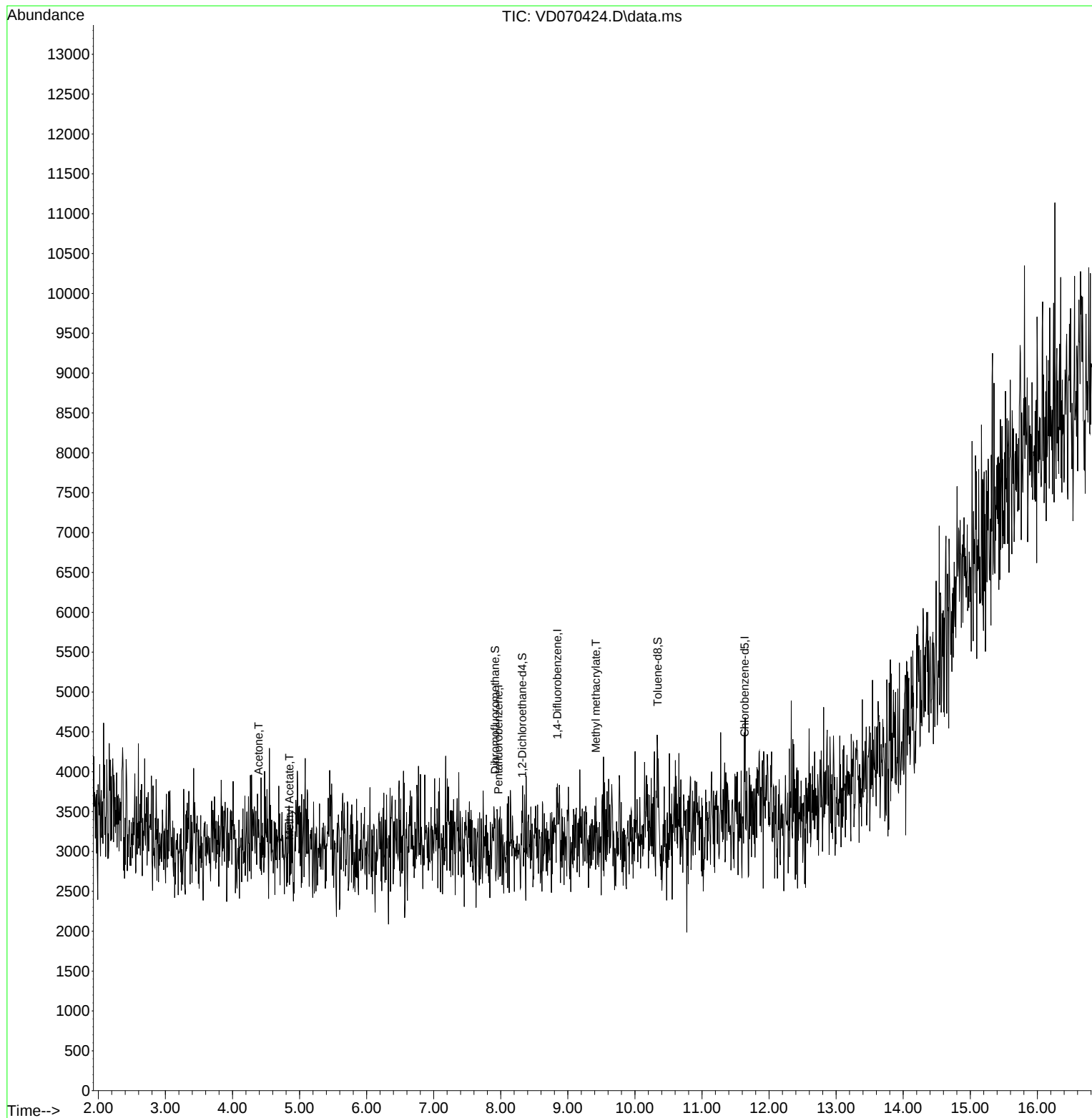
Internal Standards						
1) Pentafluorobenzene	7.967	168	527	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.844	114	831	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.638	117	516	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.57
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	253	37.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.780%
35) Dibromofluoromethane	7.914	113	328	55.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.900%
50) Toluene-d8	10.338	98	1180	54.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.880%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
16) Acetone	4.391	43	67	55.458	ug/l #	36
18) Methyl Acetate	4.850	43	62	17.722	ug/l #	48
48) Methyl methacrylate	9.420	41	55	19.397	ug/l #	10

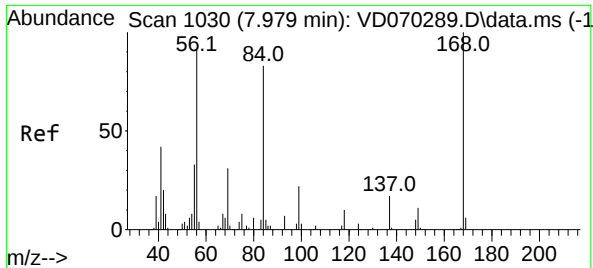
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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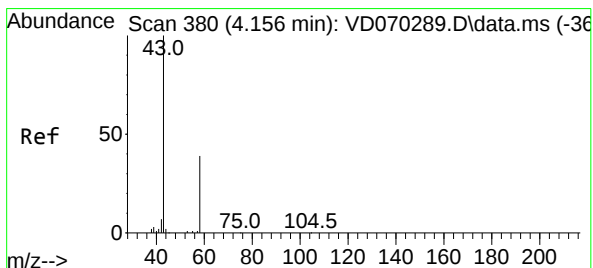
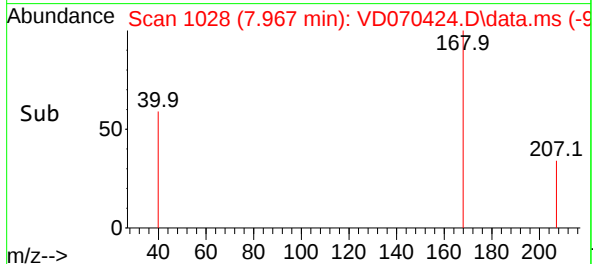
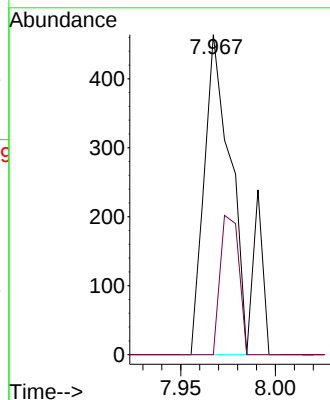
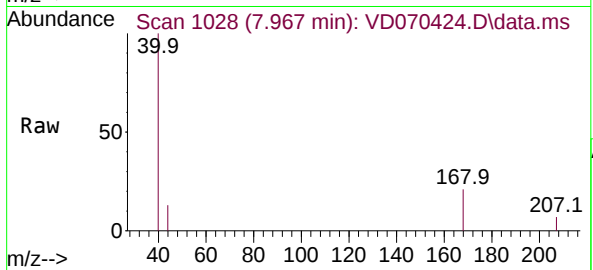




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD070424.D
Acq: 22 Sep 2021 14:01

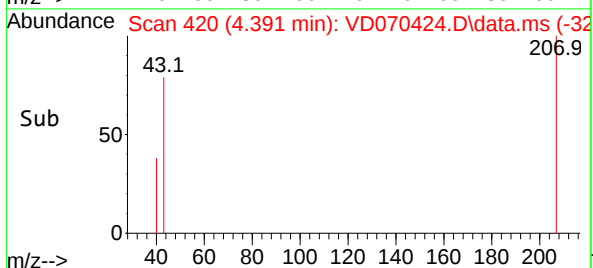
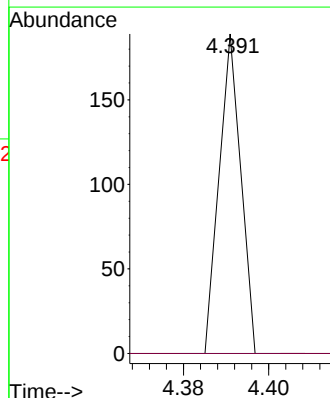
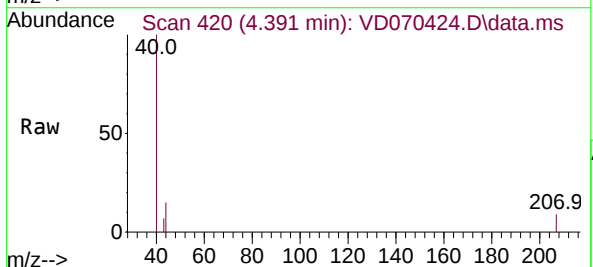
Instrument :
MSVOA_D
ClientSampled :
TP-C

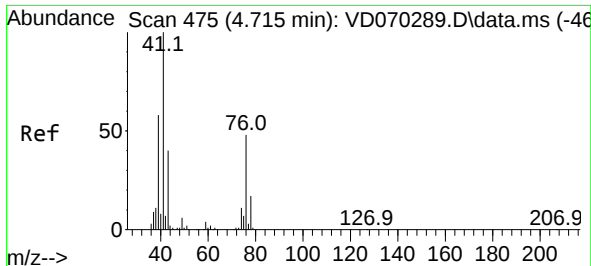
Tgt Ion:168 Resp: 527
Ion Ratio Lower Upper
168 100
99 0.0 50.8 76.2#



#16
Acetone
Concen: 55.458 ug/l
RT: 4.391 min Scan# 420
Delta R.T. 0.235 min
Lab File: VD070424.D
Acq: 22 Sep 2021 14:01

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#





#18

Methyl Acetate

Concen: 17.722 ug/l

RT: 4.850 min Scan# 498

Delta R.T. 0.135 min

Lab File: VD070424.D

Acq: 22 Sep 2021 14:01

Instrument :

MSVOA_D

ClientSampleId :

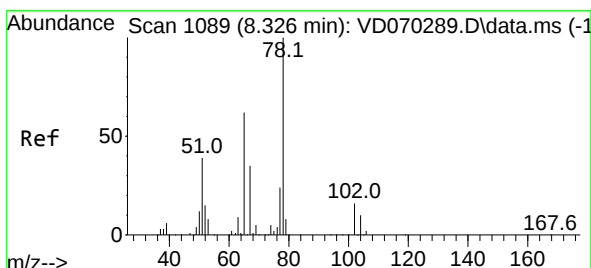
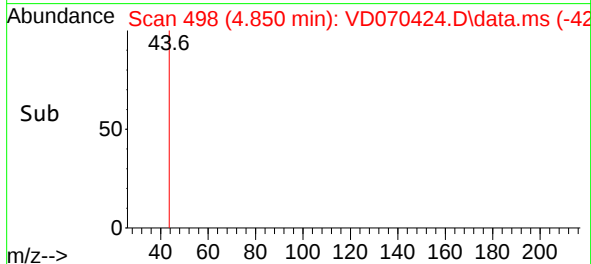
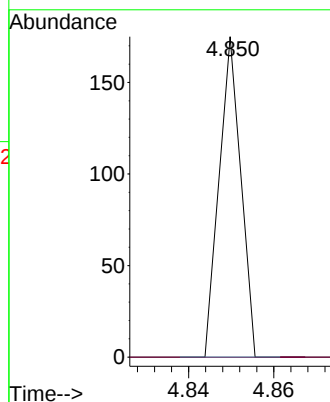
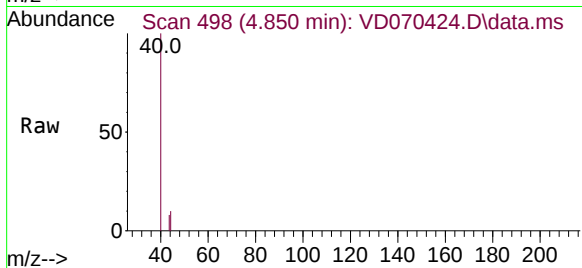
TP-C

Tgt Ion: 43 Resp: 62

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#33

1,2-Dichloroethane-d4

Concen: 37.388 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD070424.D

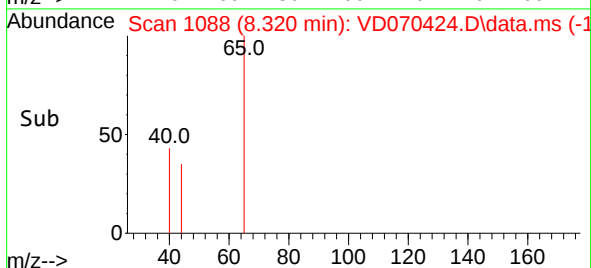
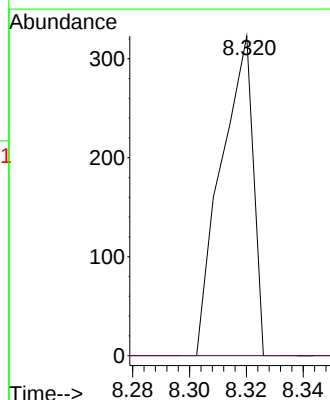
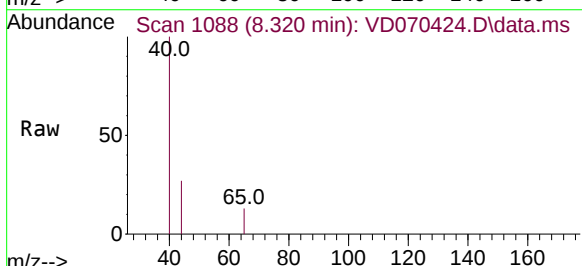
Acq: 22 Sep 2021 14:01

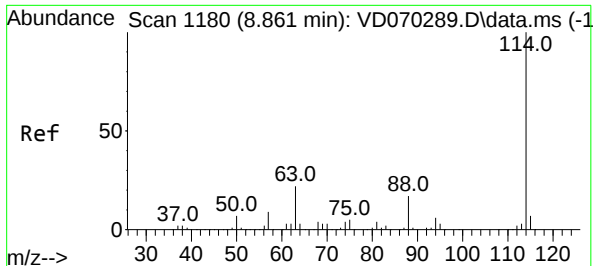
Tgt Ion: 65 Resp: 253

Ion Ratio Lower Upper

65 100

67 0.0 0.0 111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.844 min Scan# 1177

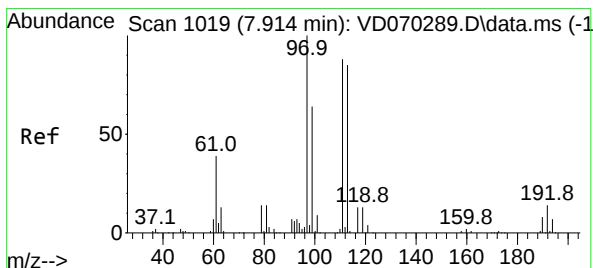
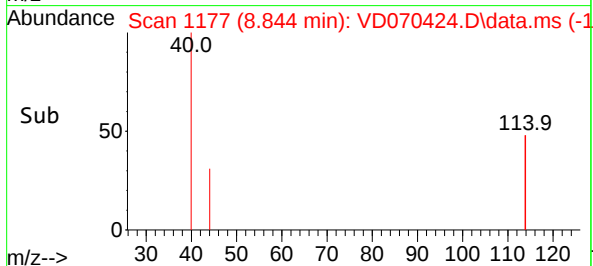
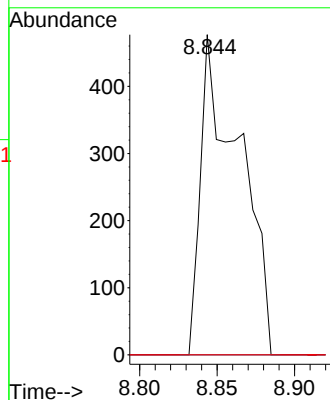
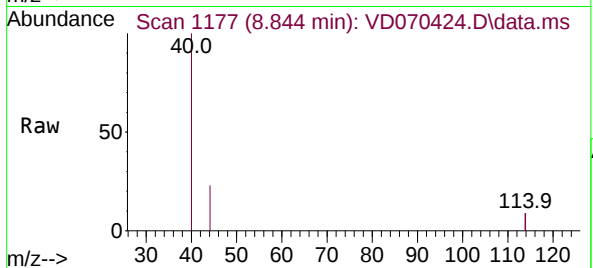
Delta R.T. -0.018 min

Lab File: VD070424.D

Acq: 22 Sep 2021 14:01

Tgt Ion:	114	Resp:	831
Ion Ratio	Lower	Upper	
114	100		
63	0.0	0.0	43.4
88	0.0	0.0	33.4

Instrument :
MSVOA_D
ClientSampled :
TP-C



#35

Dibromofluoromethane

Concen: 55.451 ug/l

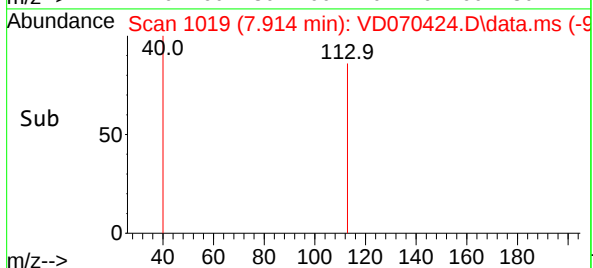
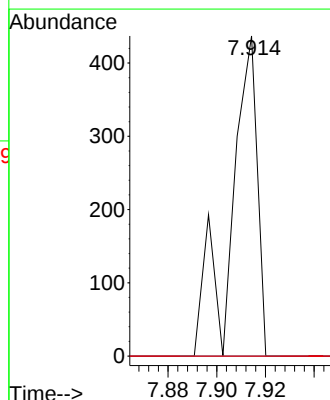
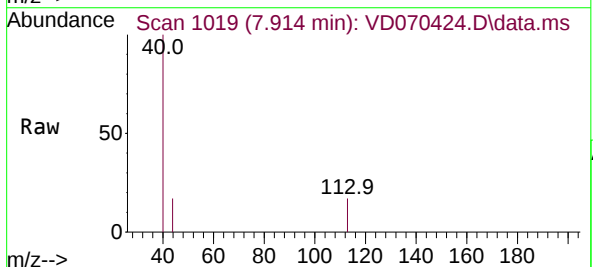
RT: 7.914 min Scan# 1019

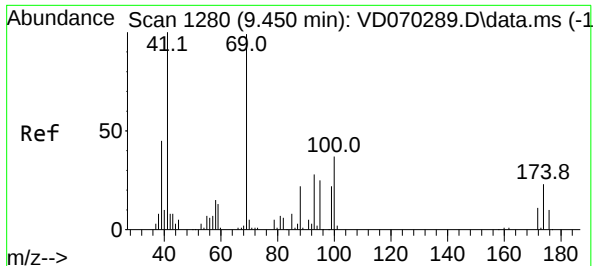
Delta R.T. -0.000 min

Lab File: VD070424.D

Acq: 22 Sep 2021 14:01

Tgt Ion:	113	Resp:	328
Ion Ratio	Lower	Upper	
113	100		
111	0.0	81.4	122.2#
192	0.0	13.0	19.6#





#48

Methyl methacrylate

Concen: 19.397 ug/l

RT: 9.420 min Scan# 1275

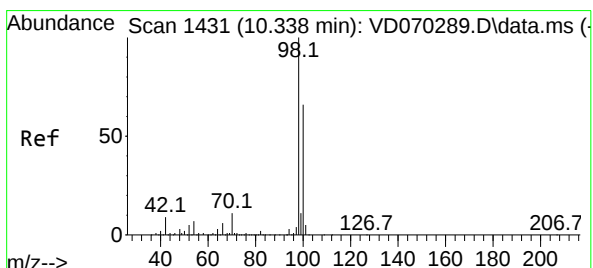
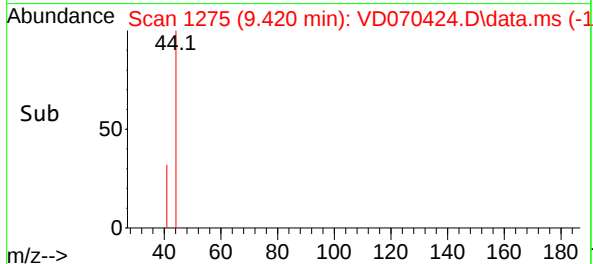
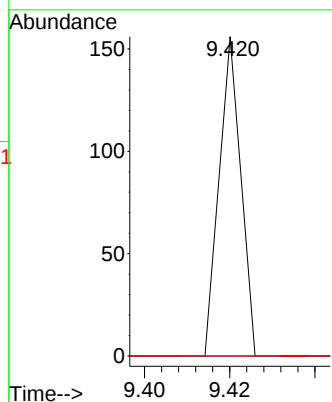
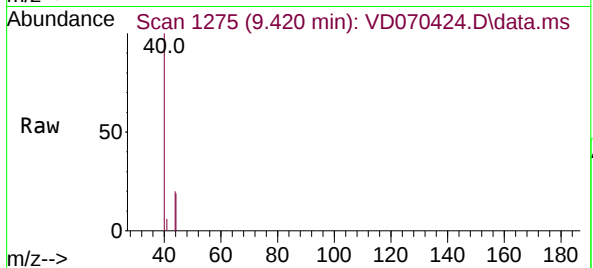
Delta R.T. -0.030 min

Lab File: VD070424.D

Acq: 22 Sep 2021 14:01

Tgt Ion:	41	Resp:	55
Ion	Ratio	Lower	Upper
41	100		
69	0.0	79.8	119.8#
39	0.0	34.4	51.6#

Instrument :
MSVOA_D
ClientSampleId :
TP-C



#50

Toluene-d8

Concen: 54.944 ug/l

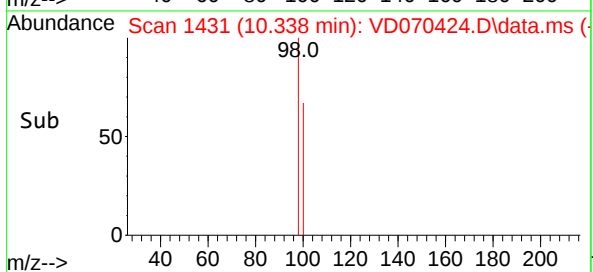
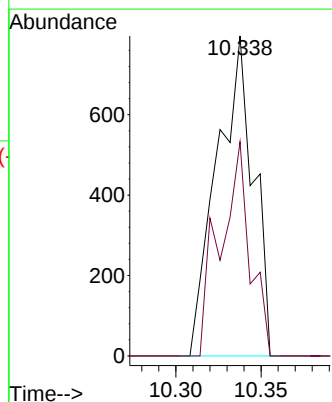
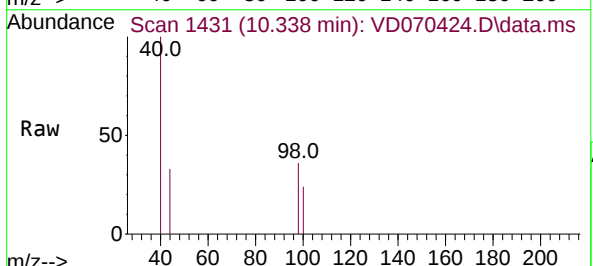
RT: 10.338 min Scan# 1431

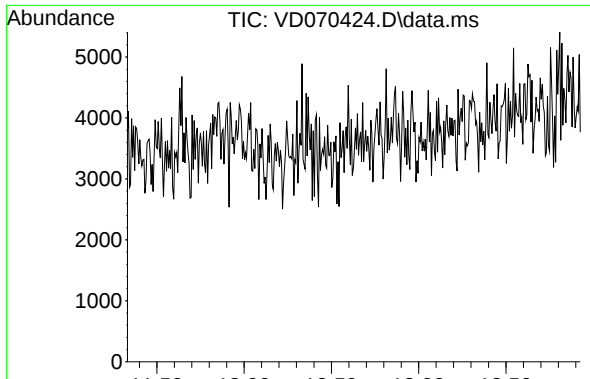
Delta R.T. -0.000 min

Lab File: VD070424.D

Acq: 22 Sep 2021 14:01

Tgt Ion:	98	Resp:	1180
Ion	Ratio	Lower	Upper
98	100		
100	55.3	52.0	78.0



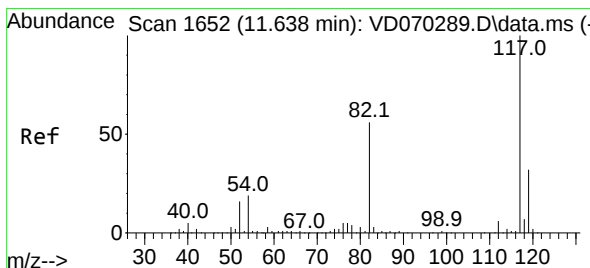
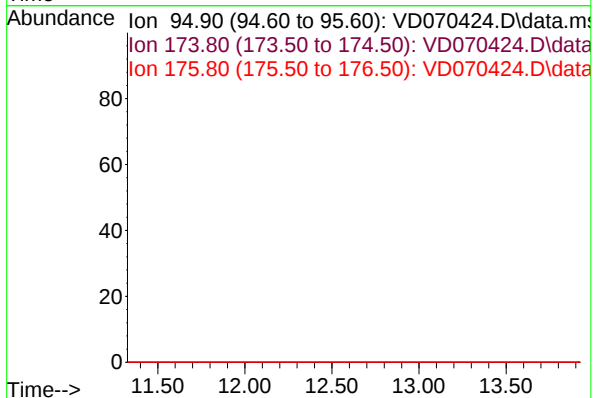


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.63 min
 Lab File: VD070424.D
 Acq: 22 Sep 2021 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-C

Tgt Ion: 95

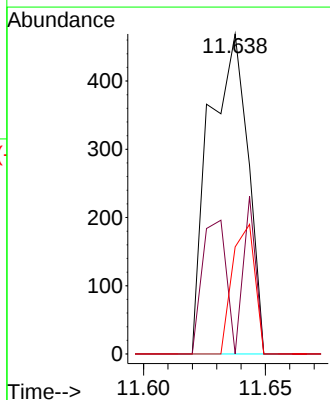
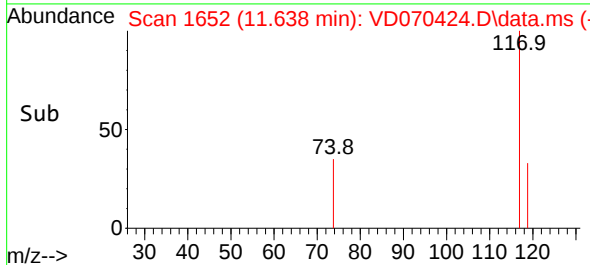
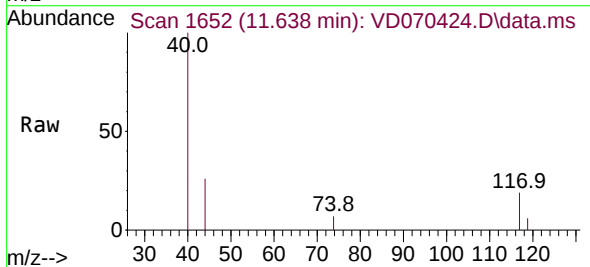
Sig	Exp Ratio
95	100
174	70.3
176	68.7

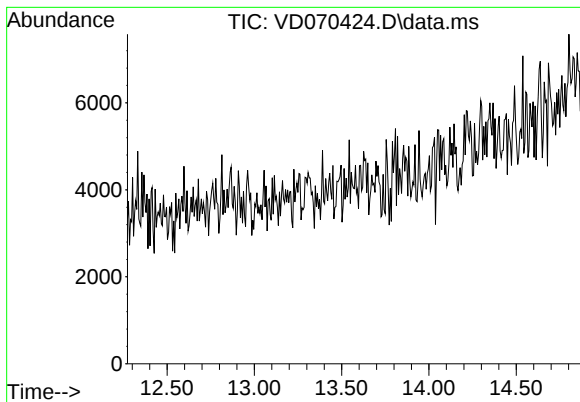


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.638 min Scan# 1652
 Delta R.T. -0.000 min
 Lab File: VD070424.D
 Acq: 22 Sep 2021 14:01

Tgt Ion: 117 Resp: 516

Ion	Ratio	Lower	Upper
117	100		
82	0.0	45.0	67.4
119	33.5	25.2	37.8





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min

Lab File: VD070424.D
Acq: 22 Sep 2021 14:01

Instrument :
MSVOA_D
ClientSampleId :
TP-C

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	64.2
150	175.3

