

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070401.D
 Acq On : 21 Sep 2021 13:46
 Operator : VA/SY
 Sample : M3798-06RE
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-01-(15-17)RE

Quant Time: Sep 22 01:47:14 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)

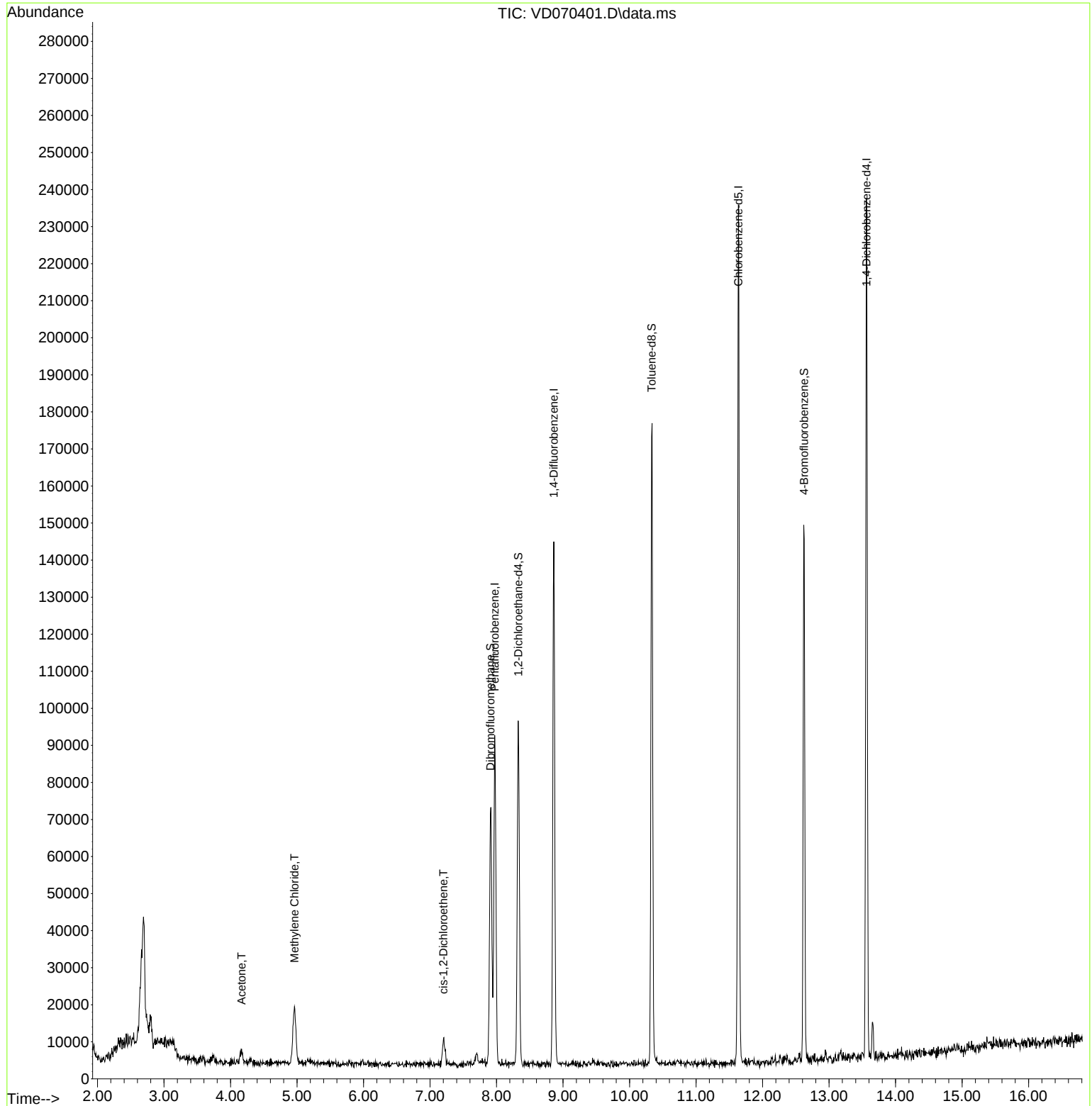
Internal Standards						
1) Pentafluorobenzene	7.973	168	61058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	118983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	137318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	62640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	73789	94.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.240%#	
35) Dibromofluoromethane	7.908	113	52915	62.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.960%	
50) Toluene-d8	10.332	98	124897	40.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.240%	
62) 4-Bromofluorobenzene	12.626	95	49259	45.836	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.680%	
Target Compounds						Qvalue
16) Acetone	4.167	43	5530	39.508	ug/l	# 70
20) Methylene Chloride	4.962	84	12376	8.102	ug/l	90
27) cis-1,2-Dichloroethene	7.203	96	3857	4.243	ug/l	99

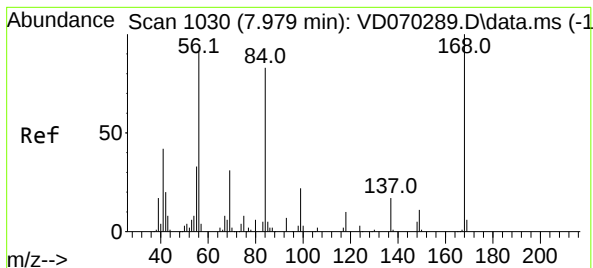
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD070401.D

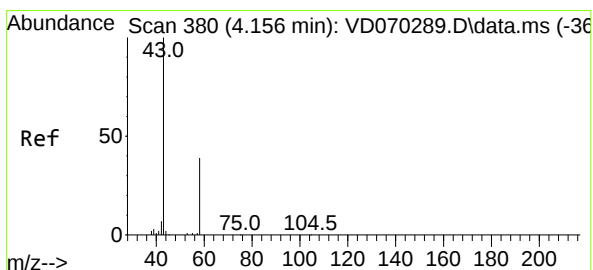
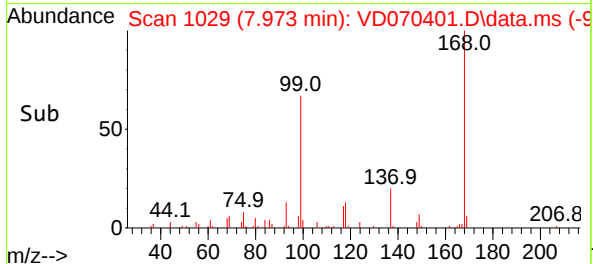
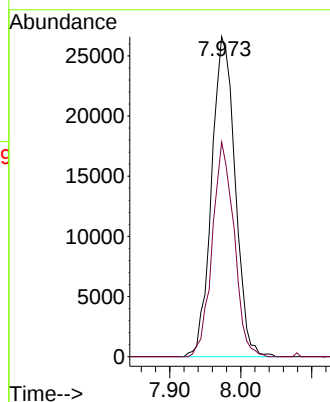
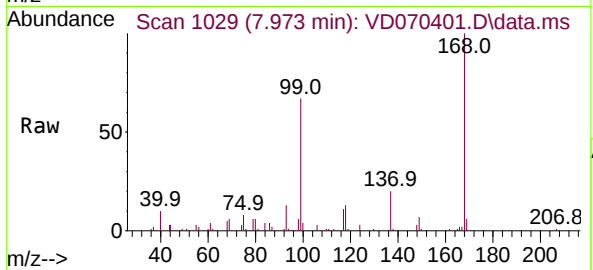
Acq: 21 Sep 2021 13:46

Tgt Ion:168 Resp: 61058

Ion Ratio Lower Upper

168 100

99 67.1 50.8 76.2



#16

Acetone

Concen: 39.508 ug/l

RT: 4.167 min Scan# 382

Delta R.T. 0.012 min

Lab File: VD070401.D

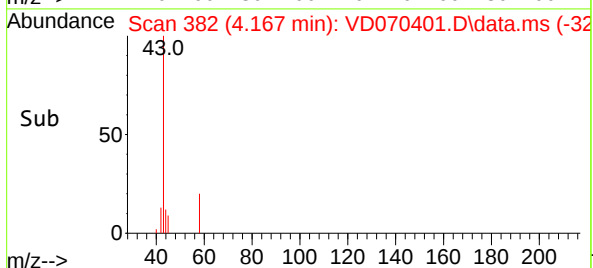
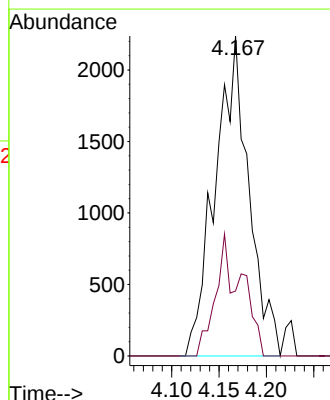
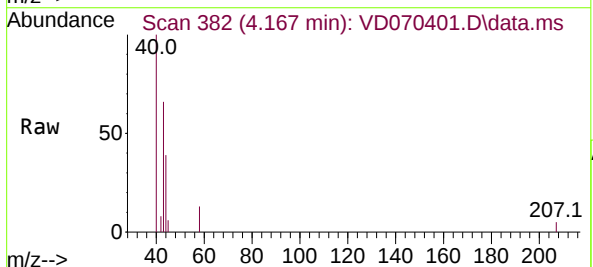
Acq: 21 Sep 2021 13:46

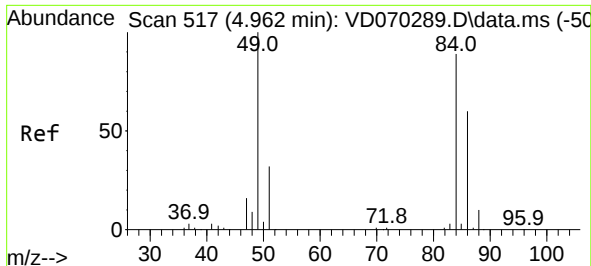
Tgt Ion: 43 Resp: 5530

Ion Ratio Lower Upper

43 100

58 20.3 30.9 46.3#





#20

Methylene Chloride

Concen: 8.102 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD070401.D

Acq: 21 Sep 2021 13:46

Instrument :

MSVOA_D

ClientSampleId :

SUB-SLAB-01-(15-17)RE

Tgt Ion: 84 Resp: 12376

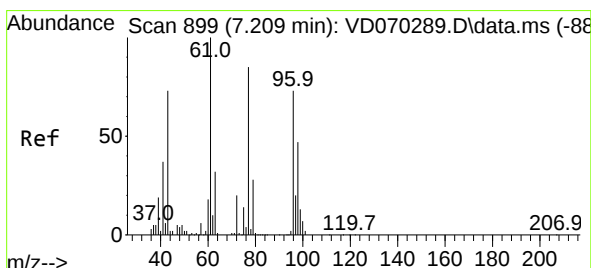
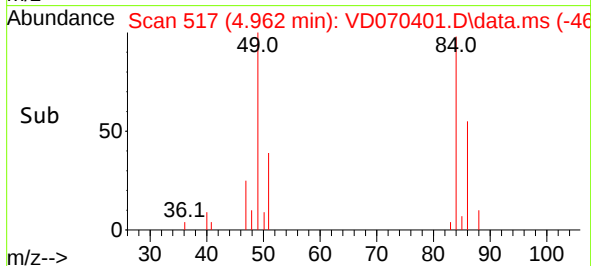
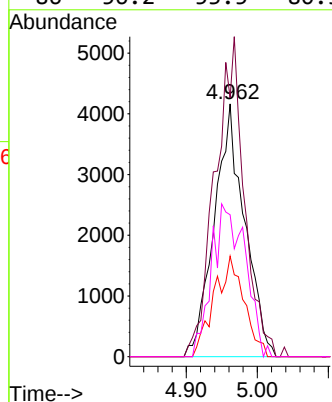
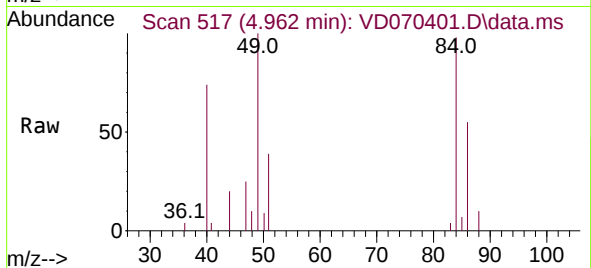
Ion Ratio Lower Upper

84 100

49 102.4 89.6 134.4

51 39.8 28.6 43.0

86 56.2 53.5 80.3



#27

cis-1,2-Dichloroethene

Concen: 4.243 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD070401.D

Acq: 21 Sep 2021 13:46

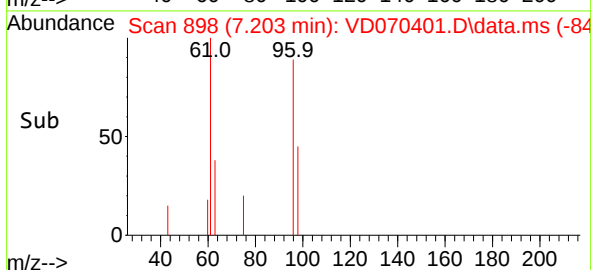
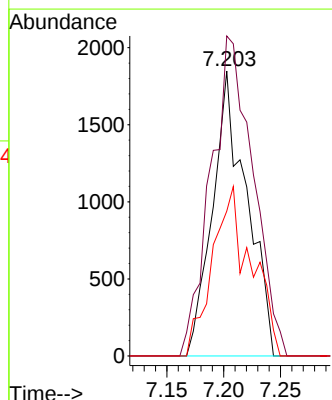
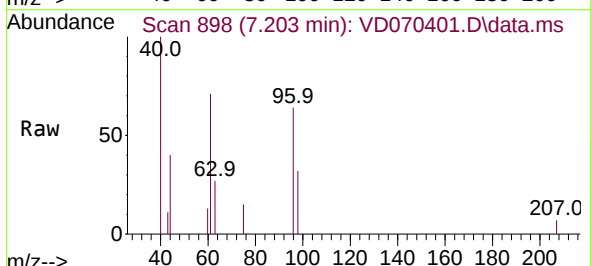
Tgt Ion: 96 Resp: 3857

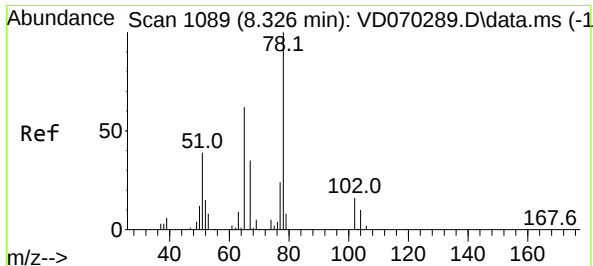
Ion Ratio Lower Upper

96 100

61 138.8 0.0 277.4

98 67.8 0.0 130.0

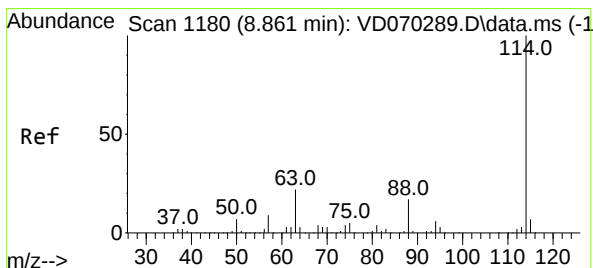
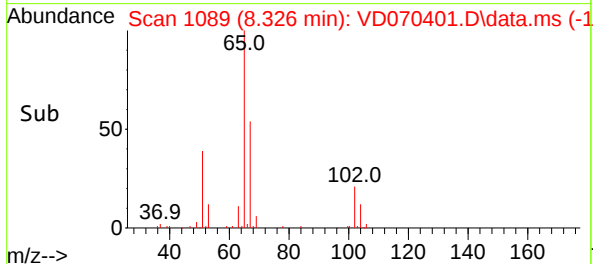
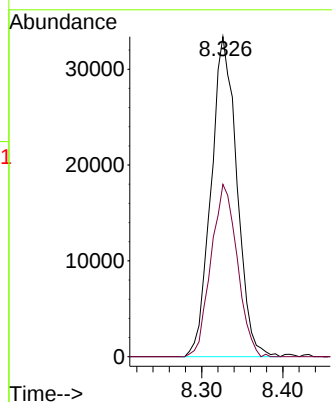
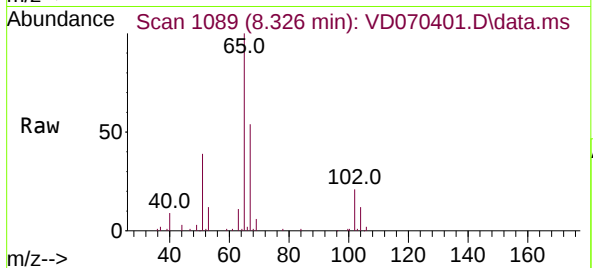




#33
1,2-Dichloroethane-d4
Concen: 94.119 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070401.D
Acq: 21 Sep 2021 13:46

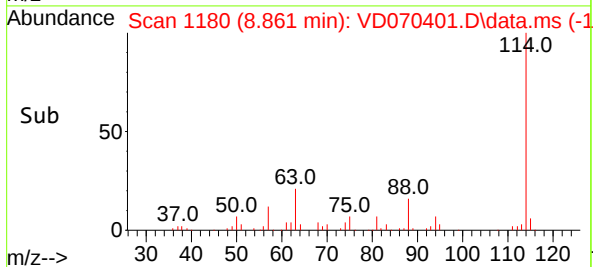
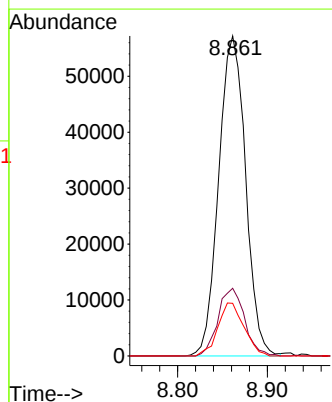
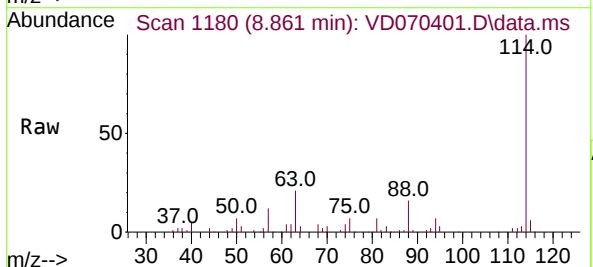
Instrument :
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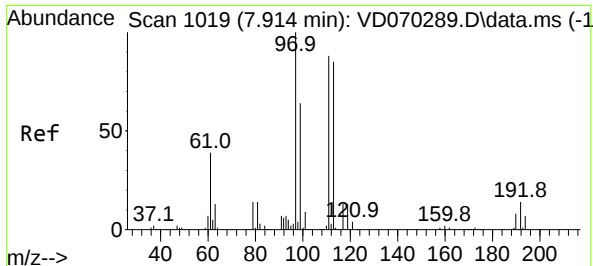
Tgt Ion: 65 Resp: 73789
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070401.D
Acq: 21 Sep 2021 13:46

Tgt Ion: 114 Resp: 118983
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.4
88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 62.478 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070401.D

Acq: 21 Sep 2021 13:46

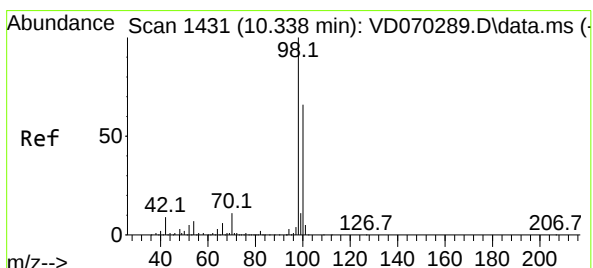
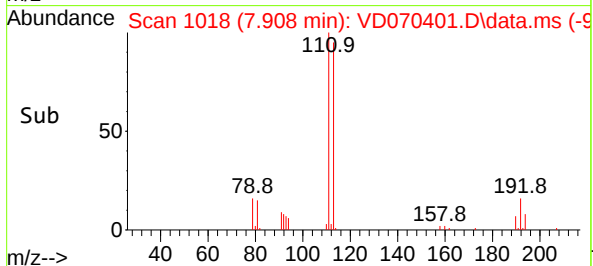
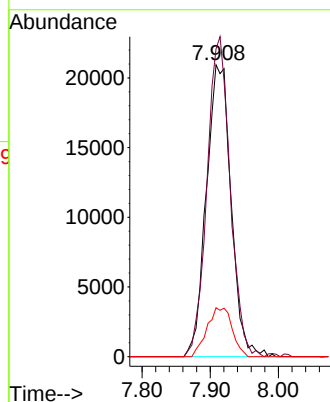
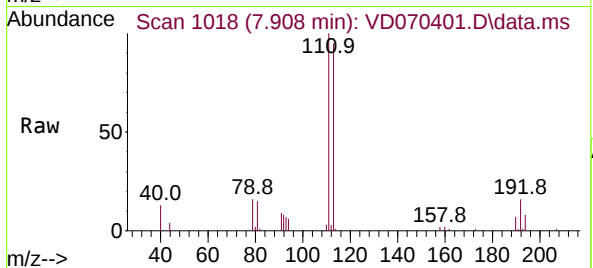
Tgt Ion:	113	Resp:	52915
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	16.9	13.0	19.6

Instrument :

MSVOA_D

ClientSampleId :

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#50

Toluene-d8

Concen: 40.617 ug/l

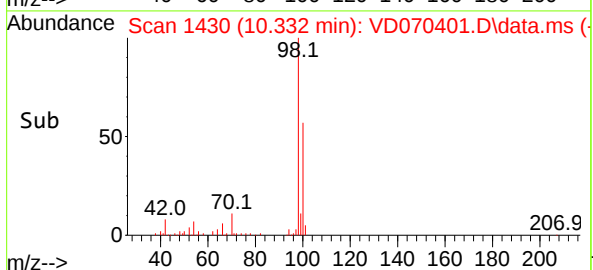
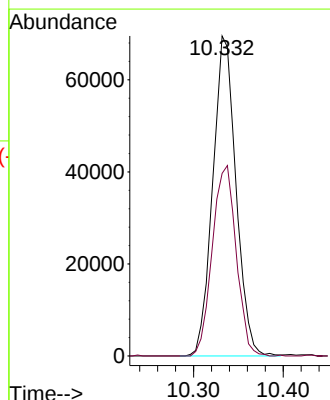
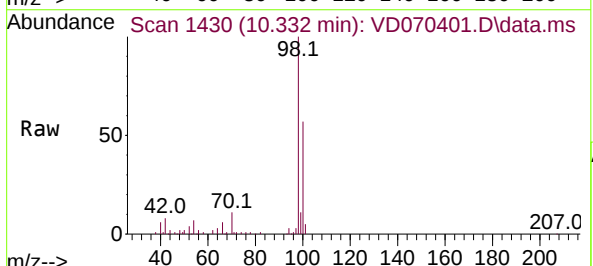
RT: 10.332 min Scan# 1430

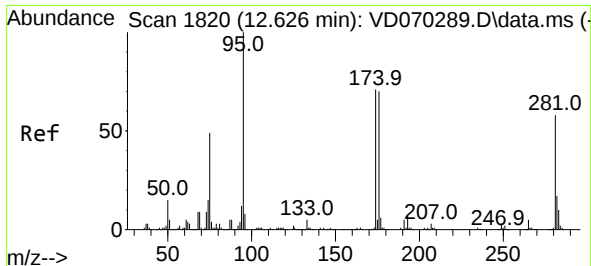
Delta R.T. -0.006 min

Lab File: VD070401.D

Acq: 21 Sep 2021 13:46

Tgt Ion:	98	Resp:	124897
Ion	Ratio	Lower	Upper
98	100		
100	61.2	52.0	78.0

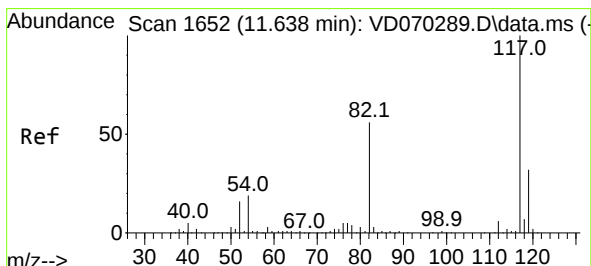
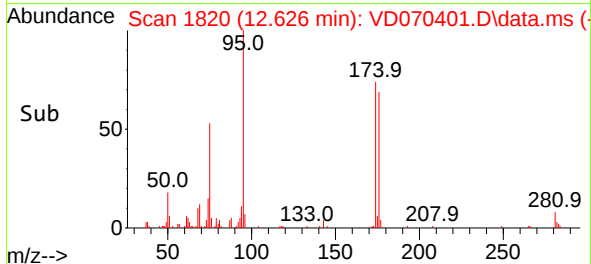
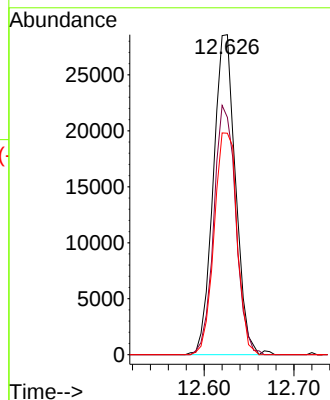
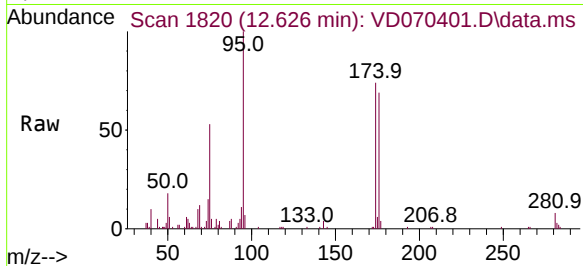




#62
4-Bromofluorobenzene
Concen: 45.836 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070401.D
Acq: 21 Sep 2021 13:46

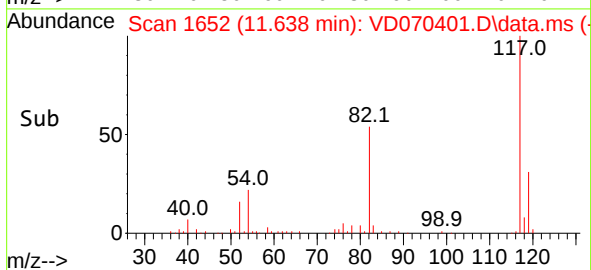
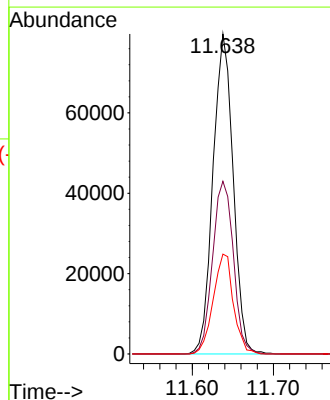
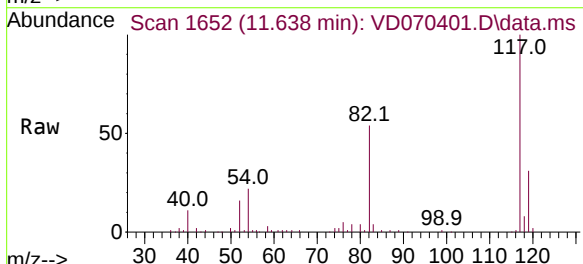
Instrument :
MSVOA_D
ClientSampleId :
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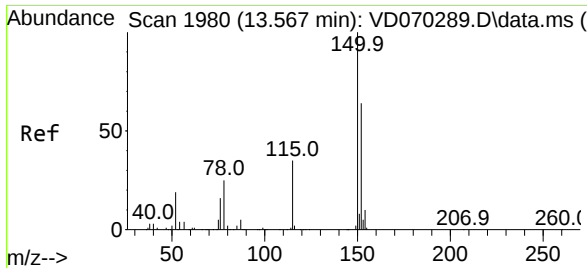
Tgt Ion:	95	Resp:	49259
Ion Ratio	Lower	Upper	
95	100		
174	76.6	0.0	140.6
176	71.1	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070401.D
Acq: 21 Sep 2021 13:46

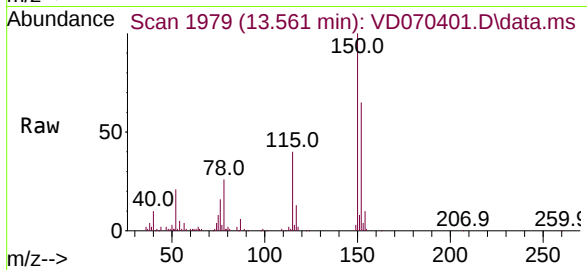
Tgt Ion:	117	Resp:	137318
Ion Ratio	Lower	Upper	
117	100		
82	54.0	45.0	67.4
119	31.2	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070401.D
 Acq: 21 Sep 2021 13:46

Instrument :
 MSVOA_D
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 SUB-SLAB-01-(15-17)RE



Tgt Ion:	152	Resp:	62640
Ion	Ratio	Lower	Upper
152	100		
115	62.2	32.1	96.3
150	159.0	0.0	350.6

