

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071062.D
 Acq On : 19 Nov 2021 17:49
 Operator : VA/SY
 Sample : M4758-09
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5

Quant Time: Nov 22 02:53:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

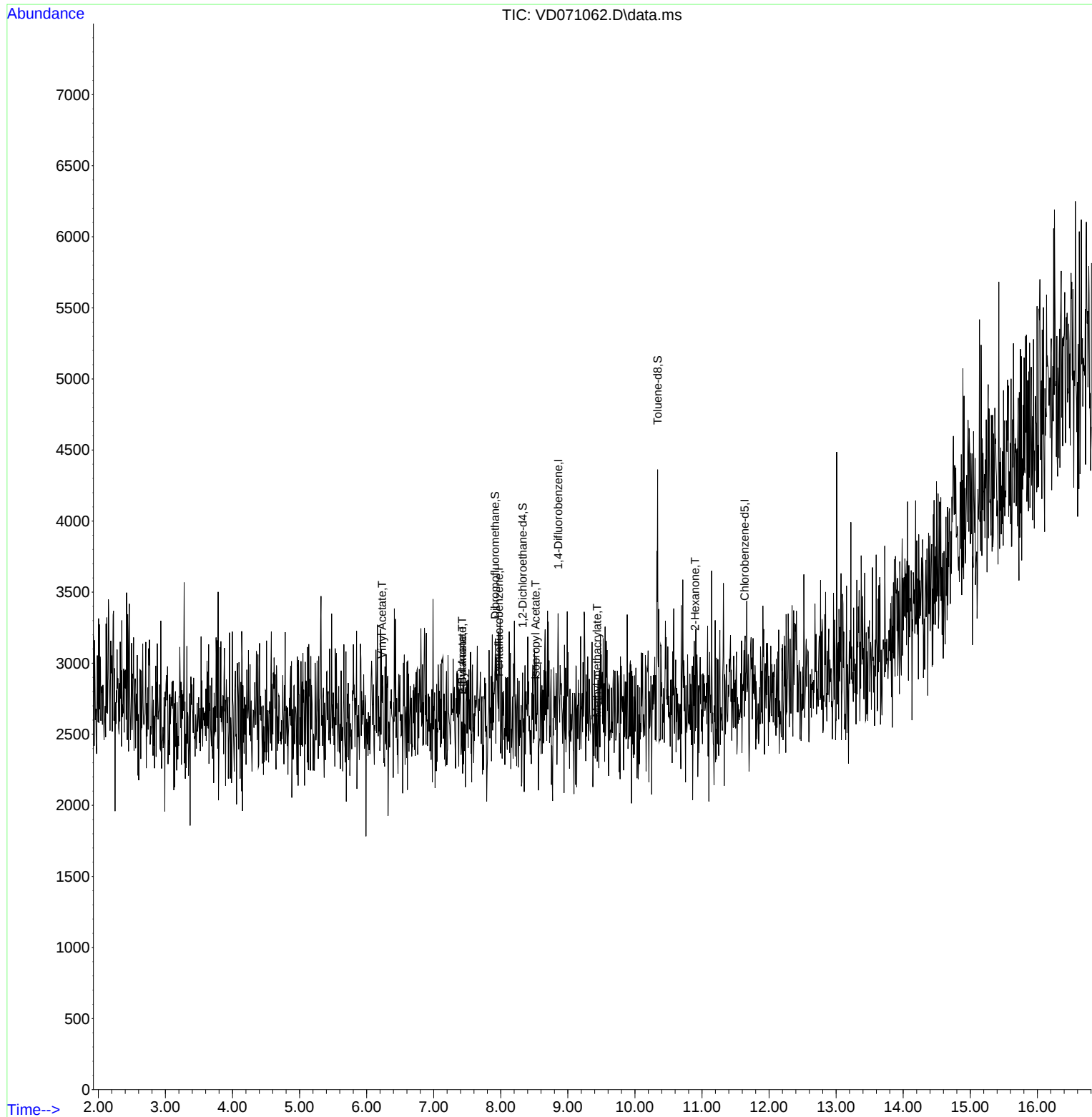
Internal Standards						
1) Pentafluorobenzene	7.973	168	486	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	294	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	74	14.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	28.600%	#	
35) Dibromofluoromethane	7.914	113	175	38.525	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	77.060%		
50) Toluene-d8	10.338	98	841	47.275	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.560%		
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount 50.000	Range 25 - 144		Recovery =	0.000%	#	
Target Compounds						Qvalue
23) Vinyl Acetate	6.232	43	82	28.347	ug/l #	72
25) 2-Butanone	7.426	43	56	48.851	ug/l #	45
37) Ethyl Acetate	7.426	43	56	17.078	ug/l #	66
43) Isopropyl Acetate	8.520	43	54	7.781	ug/l #	47
48) Methyl methacrylate	9.438	41	55	16.155	ug/l #	15
59) 2-Hexanone	10.897	43	55	35.507	ug/l #	22

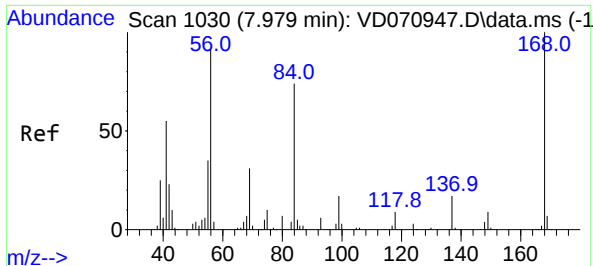
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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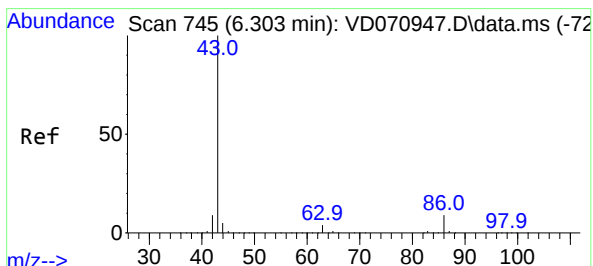
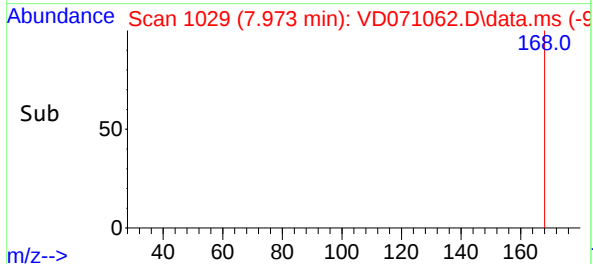
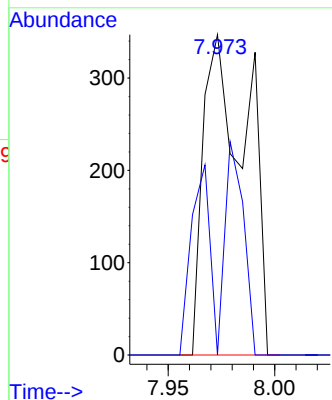
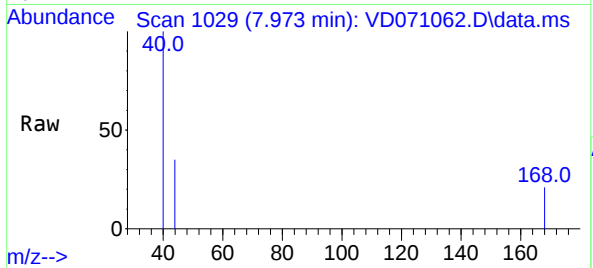




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

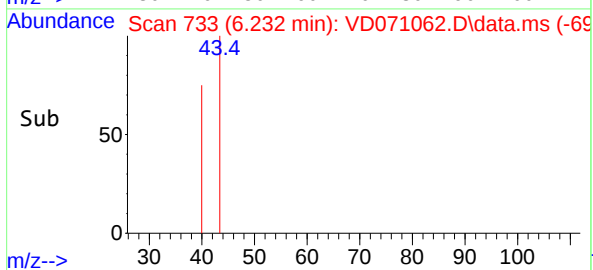
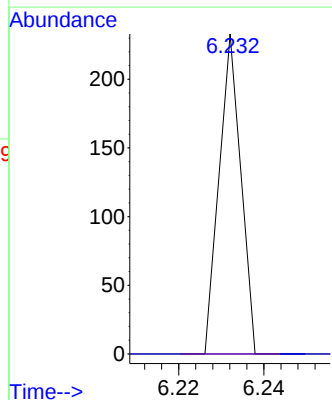
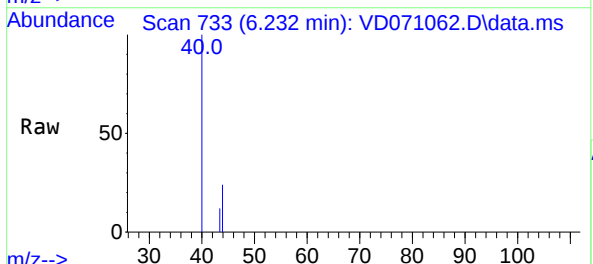
Instrument :
MSVOA_D
ClientSampleId :
TP5

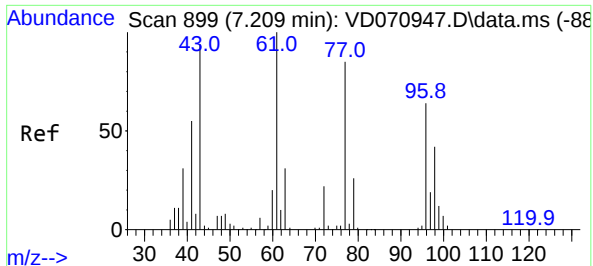
Tgt Ion:168 Resp: 486
Ion Ratio Lower Upper
168 100
99 0.0 46.6 69.8#



#23
Vinyl Acetate
Concen: 28.347 ug/l
RT: 6.232 min Scan# 733
Delta R.T. -0.071 min
Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#





#25

2-Butanone

Concen: 48.851 ug/l

RT: 7.426 min Scan# 91

Delta R.T. 0.217 min

Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

Instrument :

MSVOA_D

ClientSampleId :

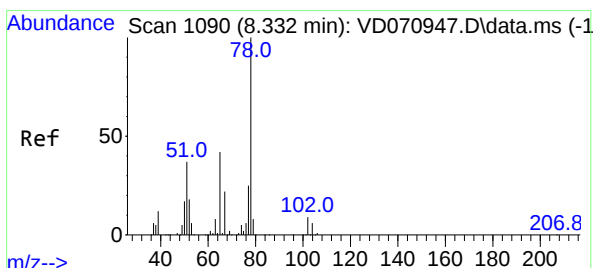
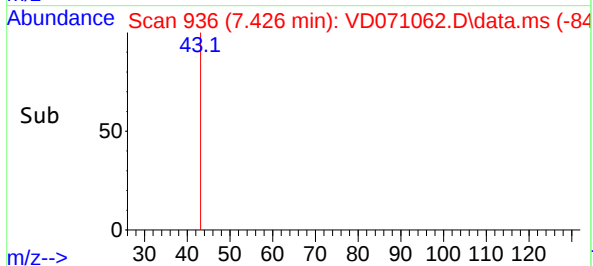
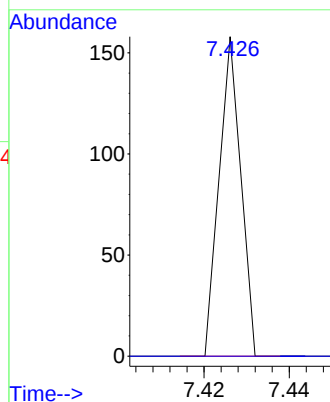
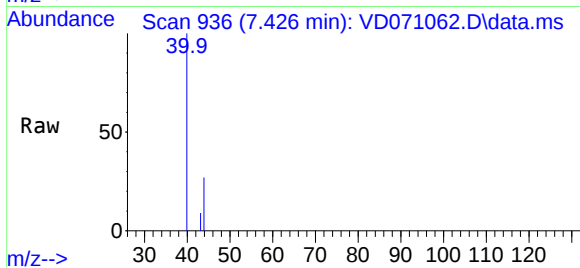
TP5

Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.6#



#33

1,2-Dichloroethane-d4

Concen: 14.301 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071062.D

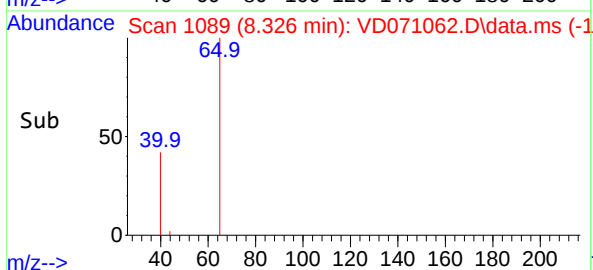
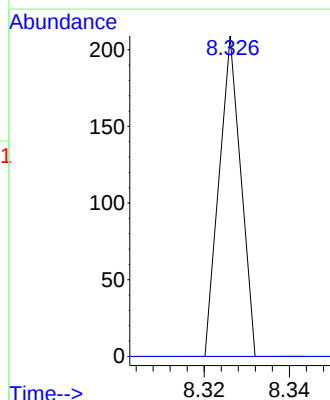
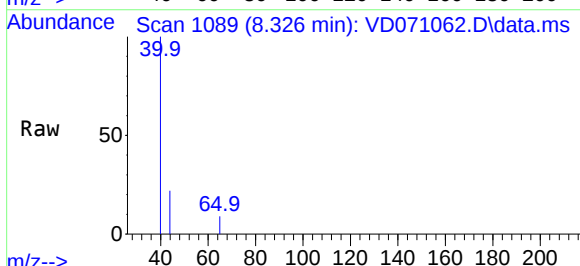
Acq: 19 Nov 2021 17:49

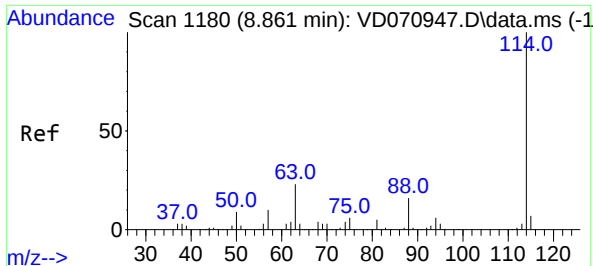
Tgt Ion: 65 Resp: 74

Ion Ratio Lower Upper

65 100

67 0.0 0.0 112.2



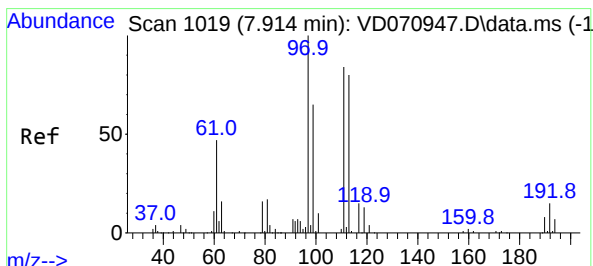
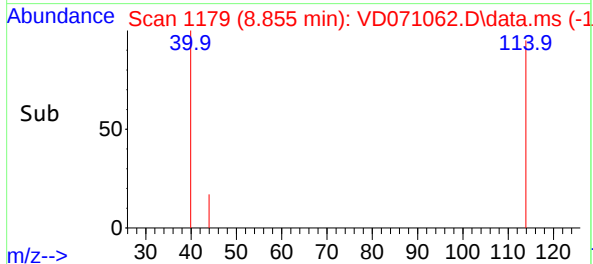
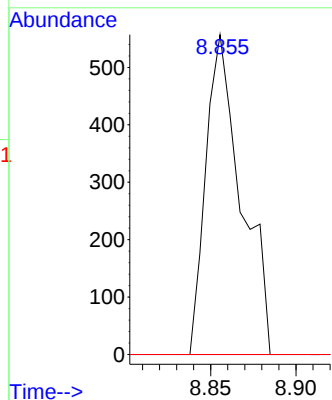
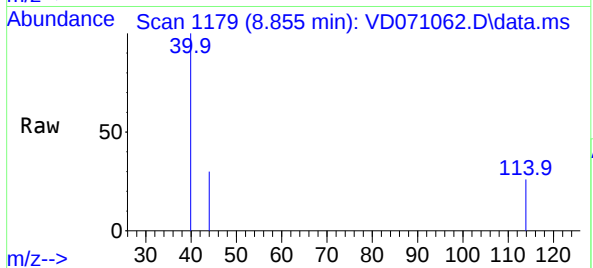


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

Instrument :
MSVOA_D
ClientSampleId :
TP5

Tgt Ion:114 Resp: 805

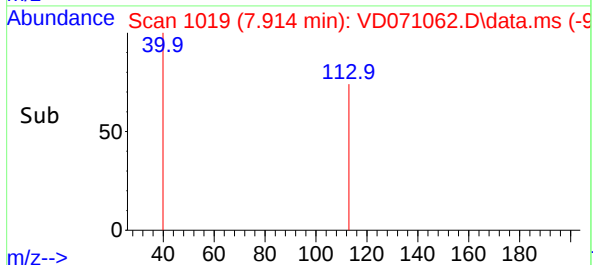
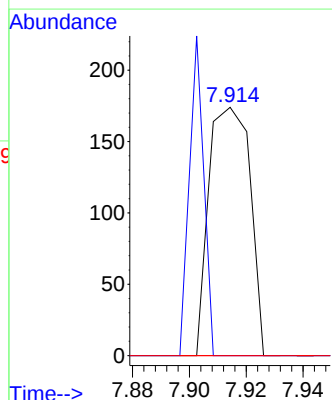
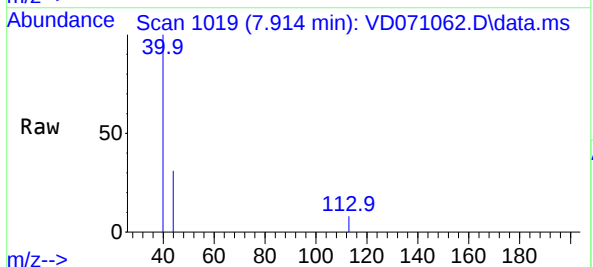
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	41.8
88	0.0	0.0	32.8

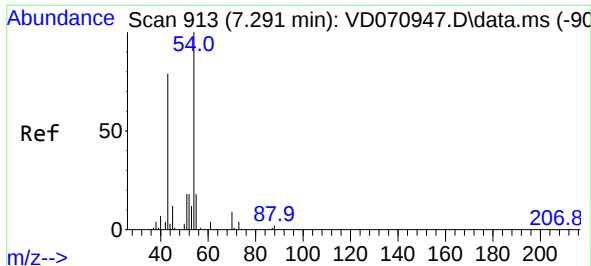


#35
Dibromofluoromethane
Concen: 38.525 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

Tgt Ion:113 Resp: 175

Ion	Ratio	Lower	Upper
113	100		
111	45.1	82.0	123.0#
192	0.0	15.2	22.8#





#37

Ethyl Acetate

Concen: 17.078 ug/l

RT: 7.426 min Scan# 91

Delta R.T. 0.135 min

Lab File: VD071062.D

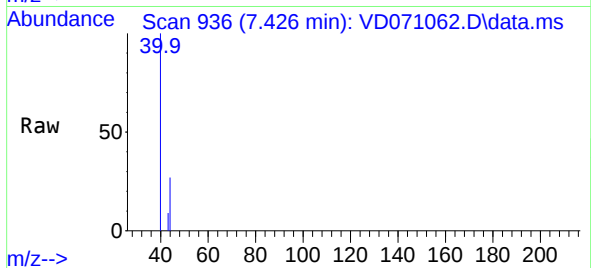
Acq: 19 Nov 2021 17:49

Instrument :

MSVOA_D

ClientSampleId :

TP5



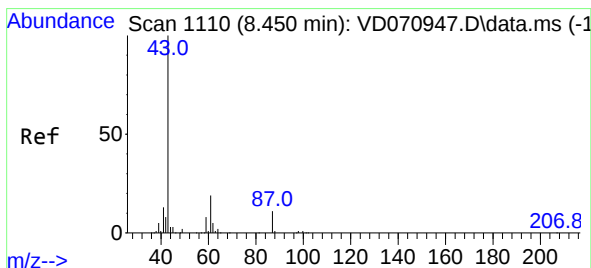
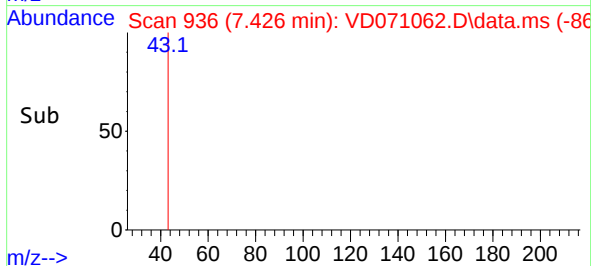
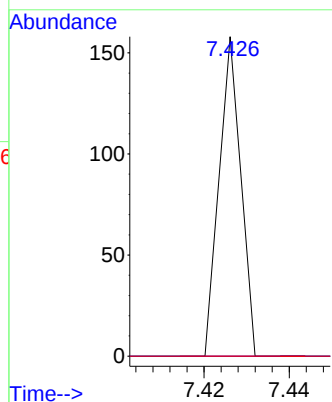
Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.6#

70 0.0 8.7 13.1#



#43

Isopropyl Acetate

Concen: 7.781 ug/l

RT: 8.520 min Scan# 1122

Delta R.T. 0.070 min

Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

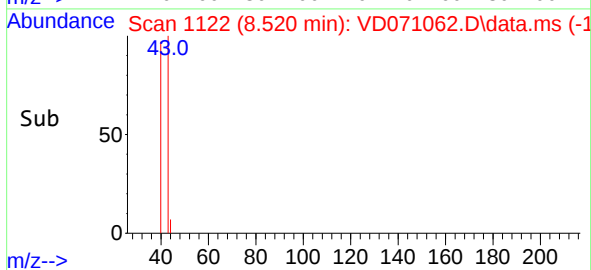
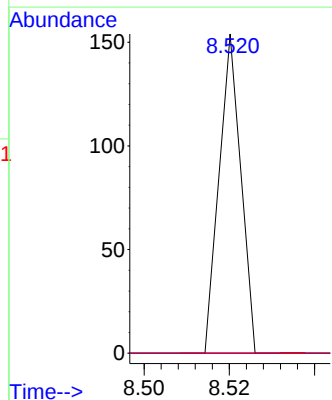
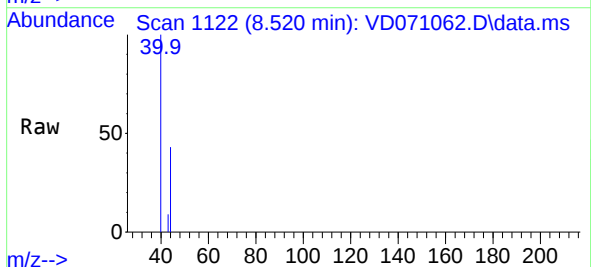
Tgt Ion: 43 Resp: 54

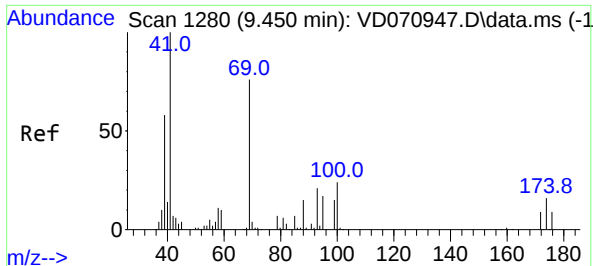
Ion Ratio Lower Upper

43 100

61 0.0 28.2 42.4#

87 0.0 10.7 16.1#





#48

Methyl methacrylate

Concen: 16.155 ug/l

RT: 9.438 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

Instrument :

MSVOA_D

ClientSampleId :

TP5

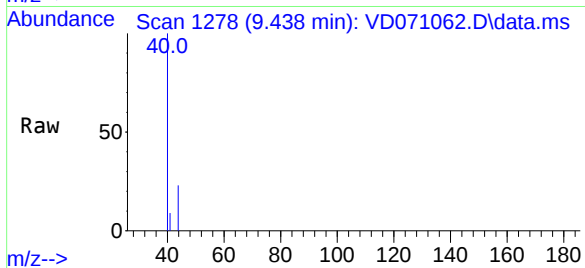
Tgt Ion: 41 Resp: 55

Ion Ratio Lower Upper

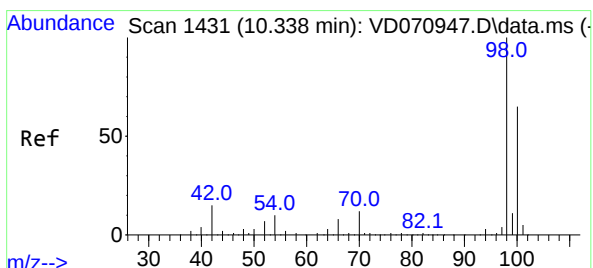
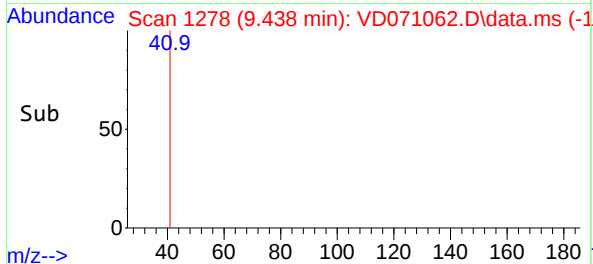
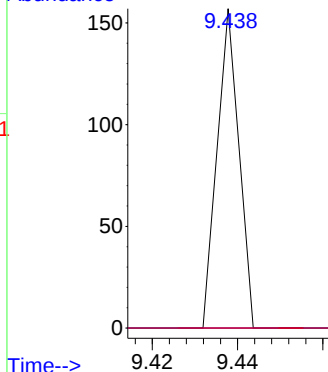
41 100

69 0.0 69.8 104.6#

39 0.0 35.6 53.4#



Abundance



#50

Toluene-d8

Concen: 47.275 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071062.D

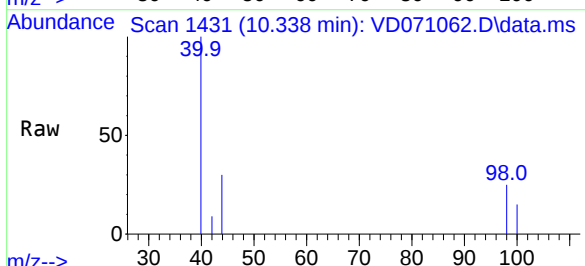
Acq: 19 Nov 2021 17:49

Tgt Ion: 98 Resp: 841

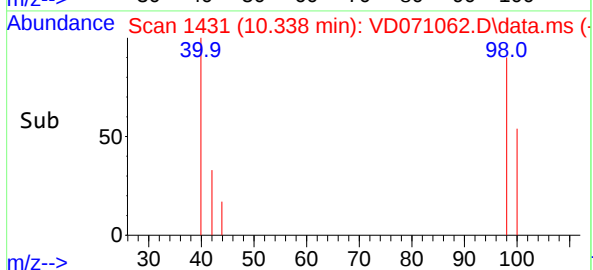
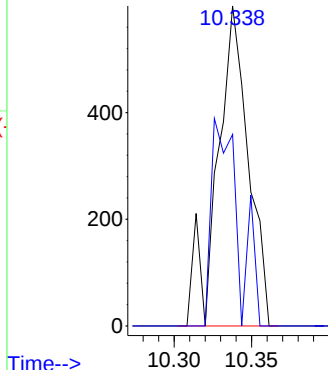
Ion Ratio Lower Upper

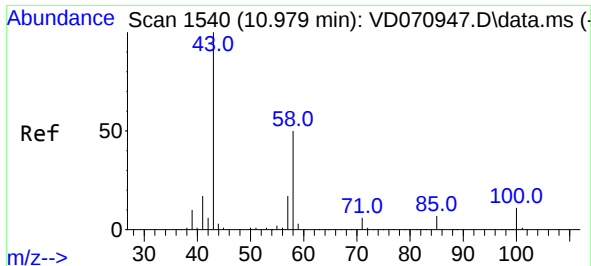
98 100

100 55.3 51.8 77.6



Abundance





#59

2-Hexanone

Concen: 35.507 ug/l

RT: 10.897 min Scan# 11

Delta R.T. -0.082 min

Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

Instrument :

MSVOA_D

ClientSampleId :

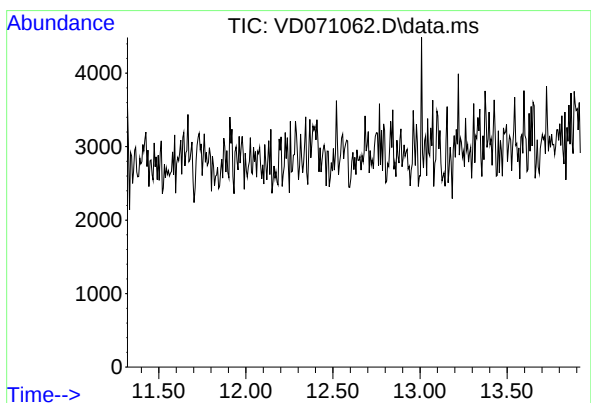
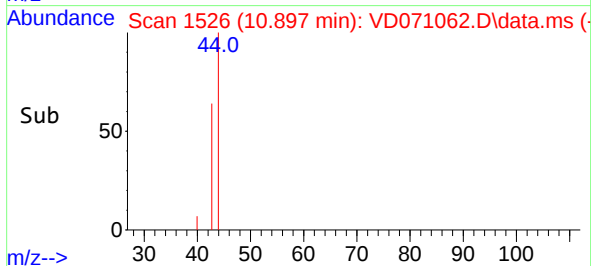
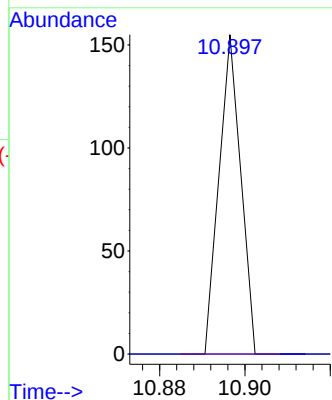
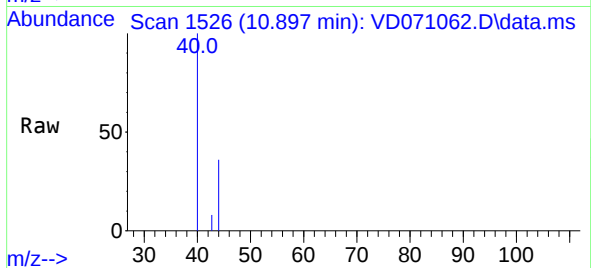
TP5

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

58 0.0 28.7 86.1#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.62 min

Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

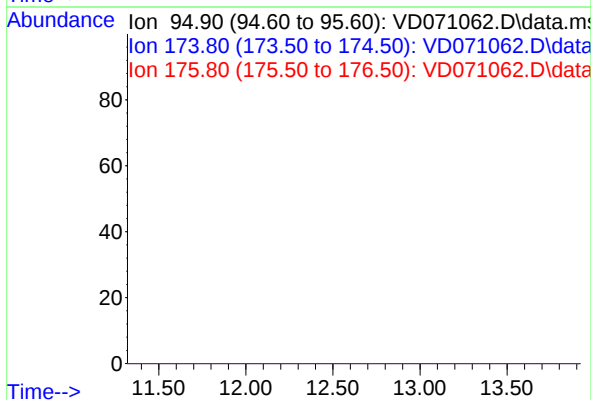
Tgt Ion: 95

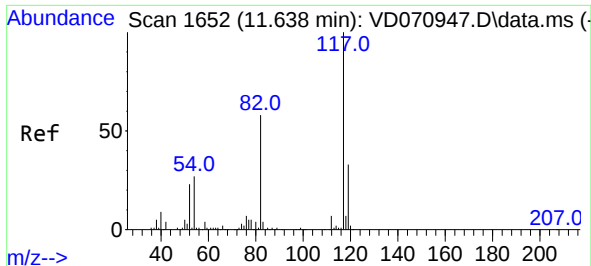
Sig Exp Ratio

95 100

174 79.7

176 77.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

Instrument :

MSVOA_D

ClientSampleId :

TP5

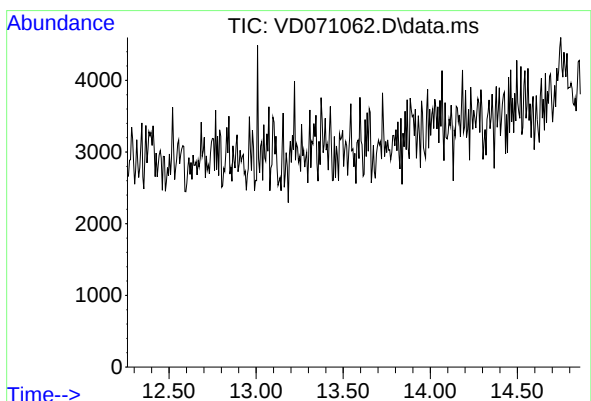
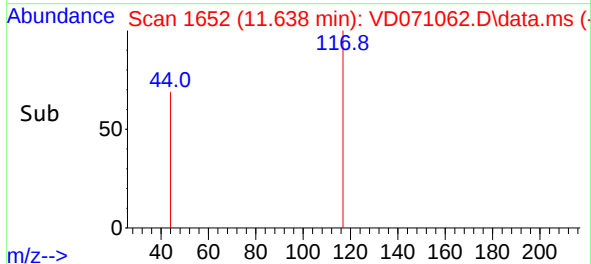
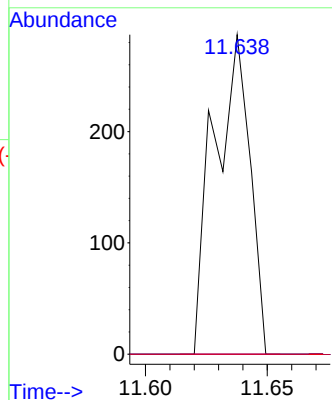
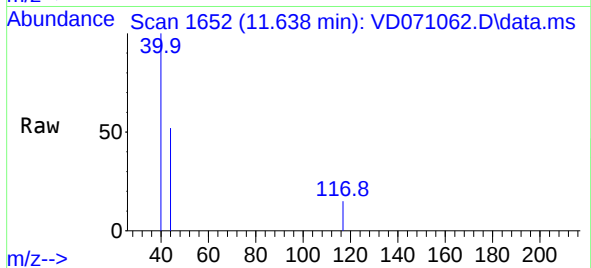
Tgt Ion:117 Resp: 294

Ion Ratio Lower Upper

117 100

82 0.0 44.7 67.1#

119 0.0 26.2 39.4#



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.56 min

Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

Tgt Ion: 152

Sig Exp Ratio

152 100

115 59.5

150 174.6

