

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 :

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)

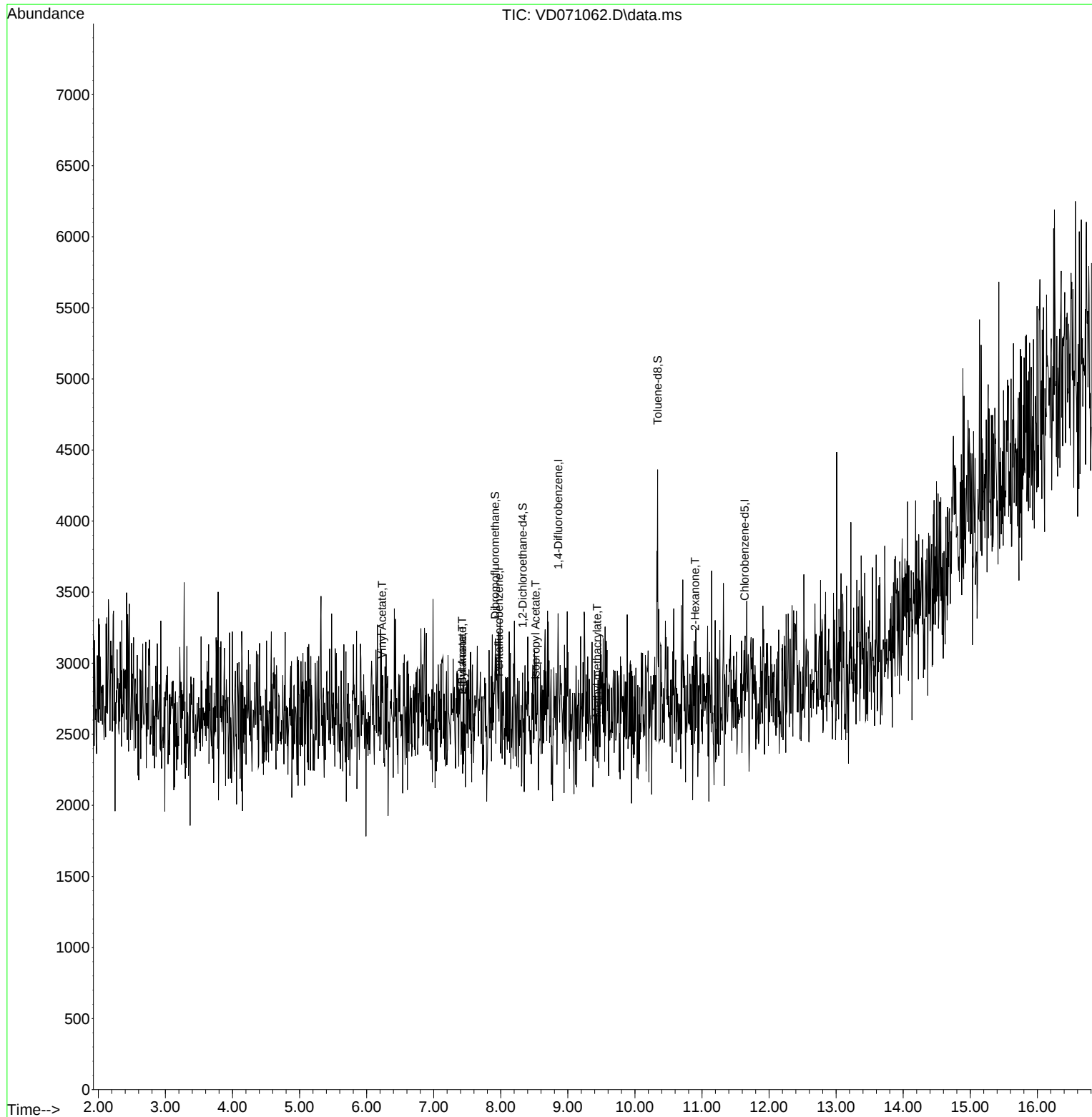
Internal Standards						
1) Pentafluorobenzene	7.973	168	486	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	294	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

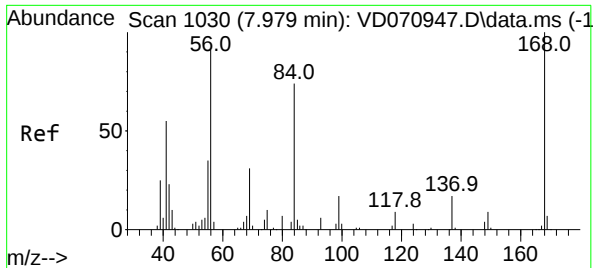
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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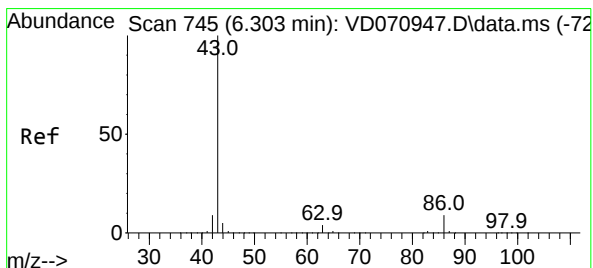
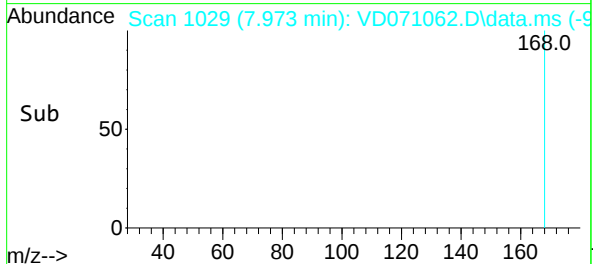
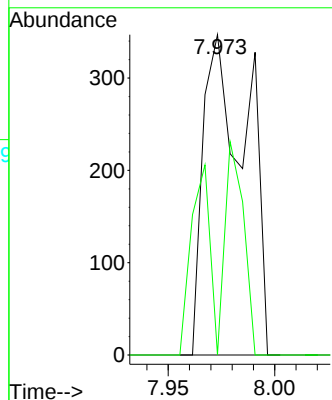
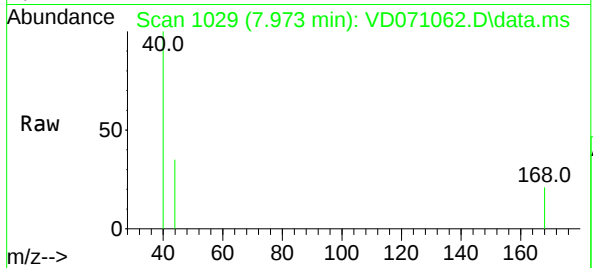




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

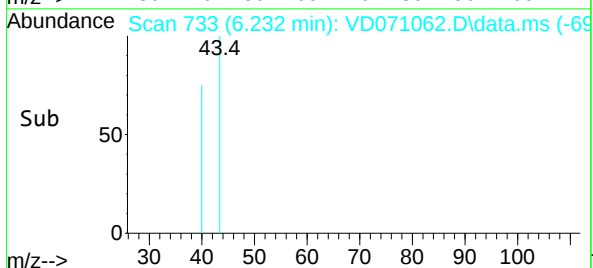
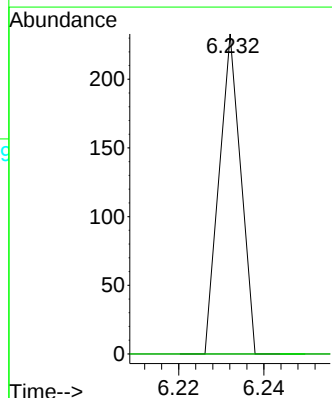
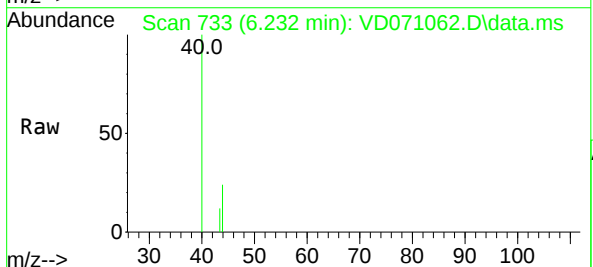
Instrument :
MSVOA_D
ClientSampleId :

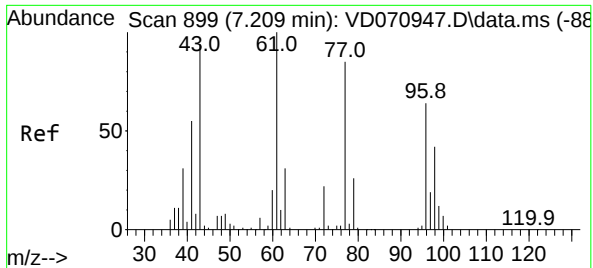
Tgt Ion:168 Resp: 486
Ion Ratio Lower Upper
168 100
99 0.0 46.6 69.8#



#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#

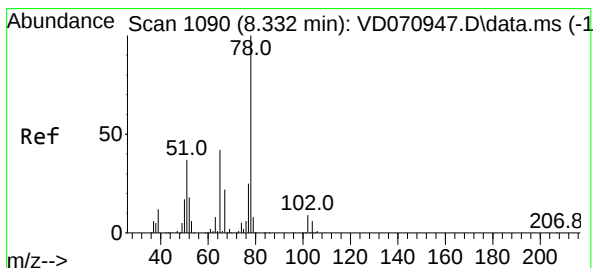
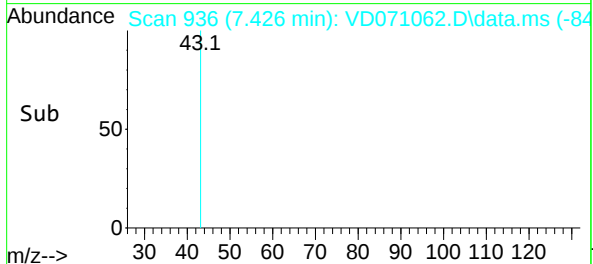
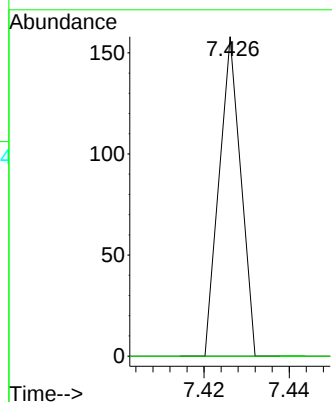
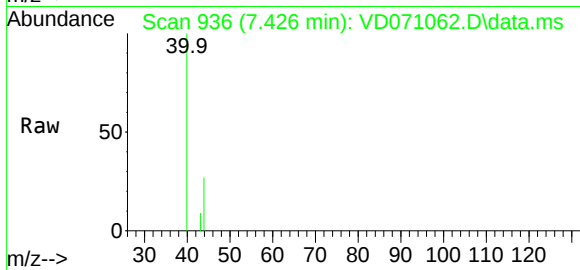




#25
2-Butanone
Concen: 48.851 ug/l
RT: 7.426 min Scan# 91
Delta R.T. 0.217 min
Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

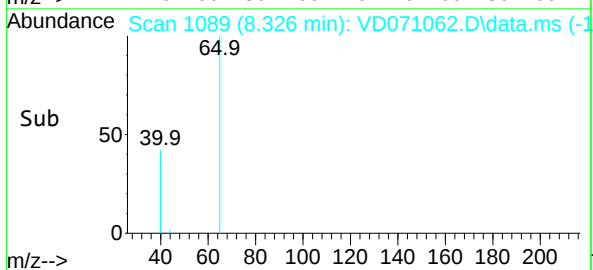
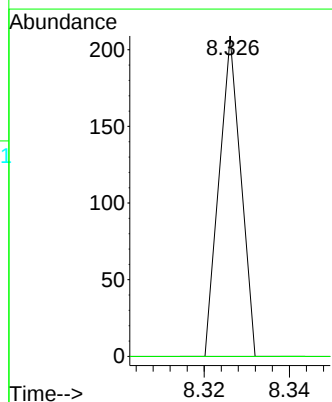
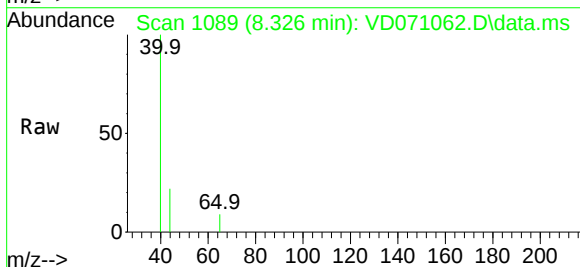
Instrument :
MSVOA_D
ClientSampleId :

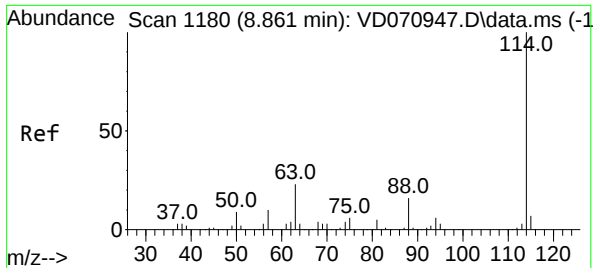
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#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

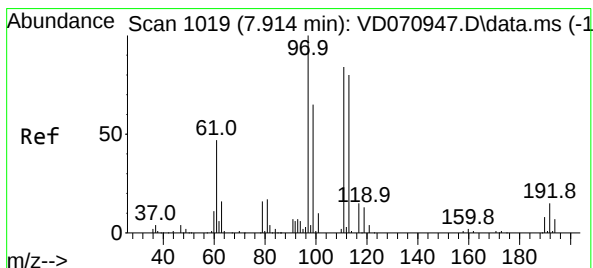
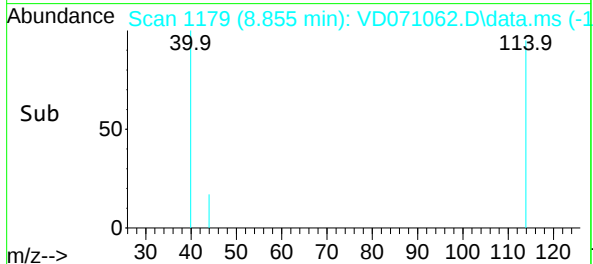
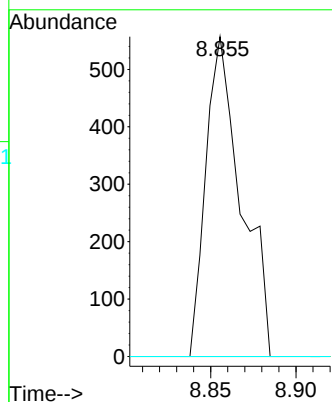
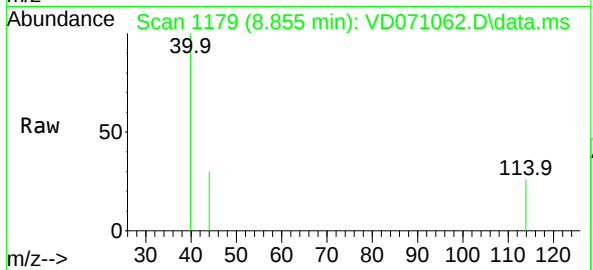
Acq: 19 Nov 2021 17:49

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	805
Ion Ratio	Lower	Upper
114	100	
63	0.0	41.8
88	0.0	32.8



#35

Dibromofluoromethane

Concen: 38.525 ug/l

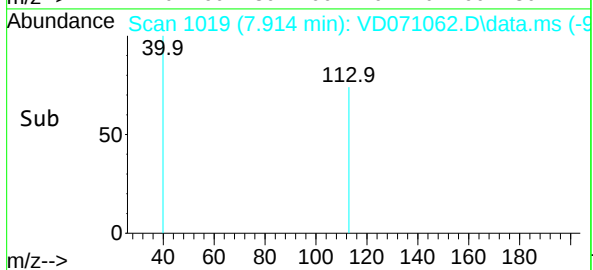
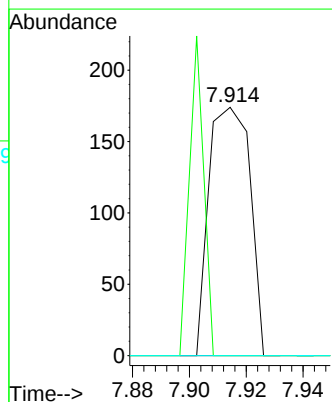
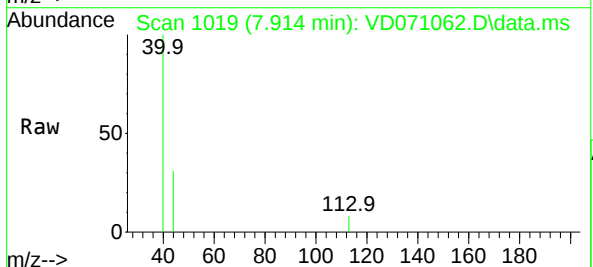
RT: 7.914 min Scan# 1019

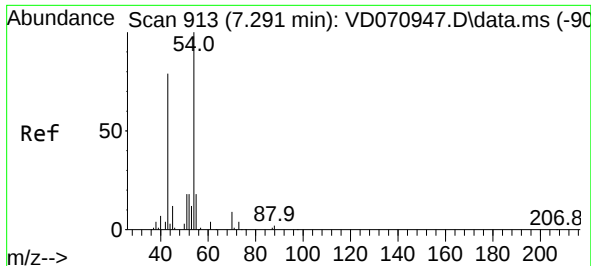
Delta R.T. 0.000 min

Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

Tgt Ion:113	Resp:	175
Ion Ratio	Lower	Upper
113	100	
111	45.1	123.0#
192	0.0	22.8#





#37

Ethyl Acetate

Concen: 17.078 ug/l

RT: 7.426 min Scan# 91

Delta R.T. 0.135 min

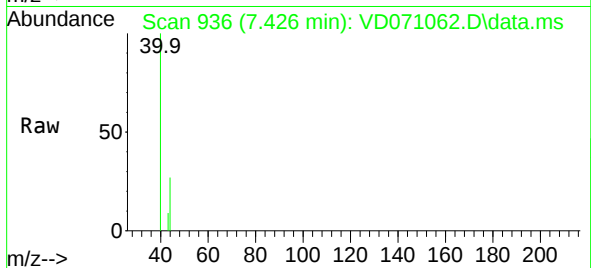
Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

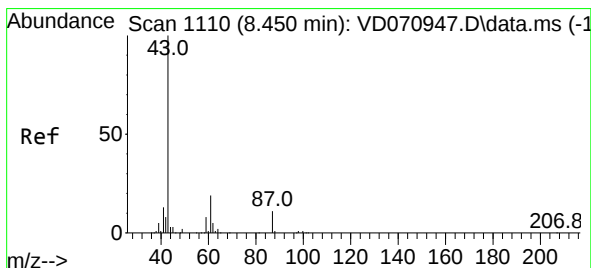
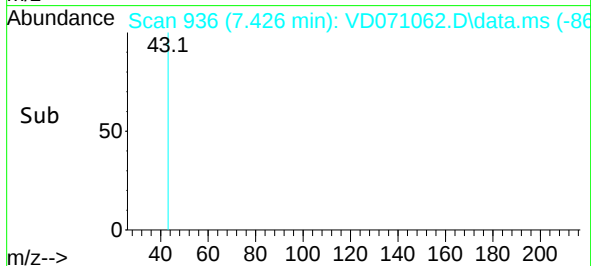
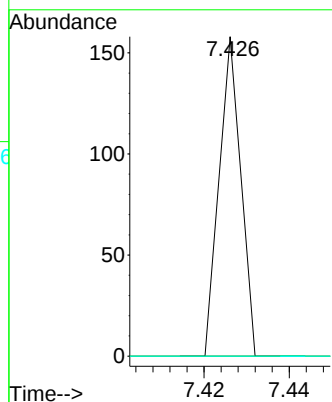
Instrument :

MSVOA_D

ClientSampleId :



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

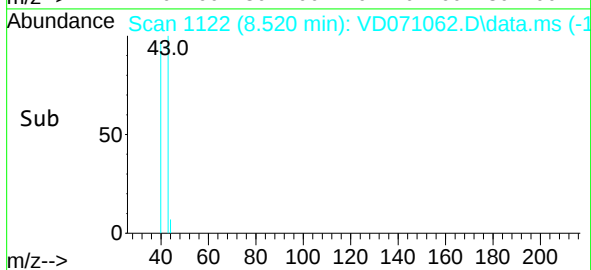
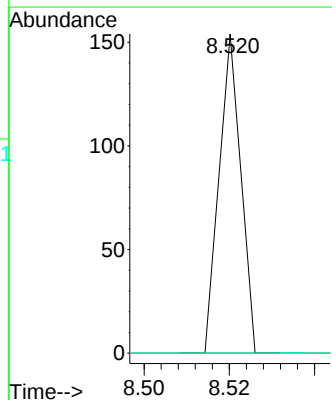
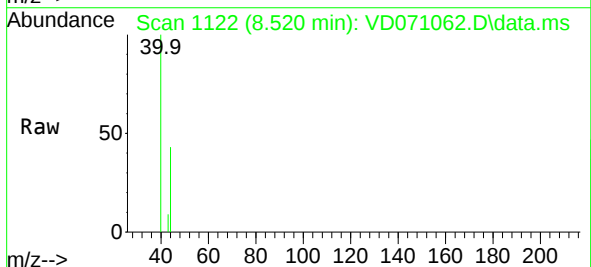
RT: 8.520 min Scan# 1122

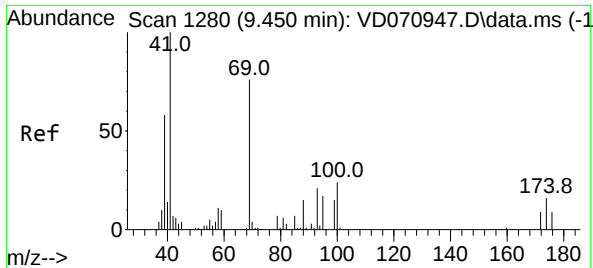
Delta R.T. 0.070 min

Lab File: VD071062.D

Acq: 19 Nov 2021 17:49

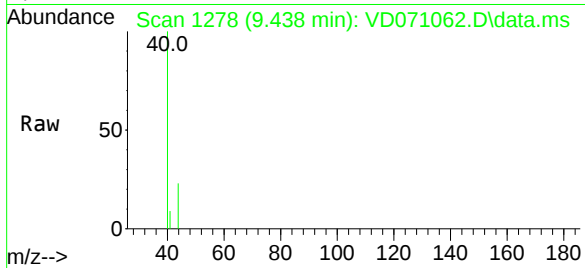
Tgt Ion: 43	Resp: 54
Ion Ratio	Lower Upper
43 100	
61 0.0	28.2 42.4#
87 0.0	10.7 16.1#



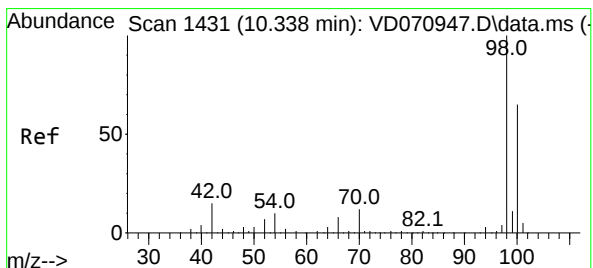
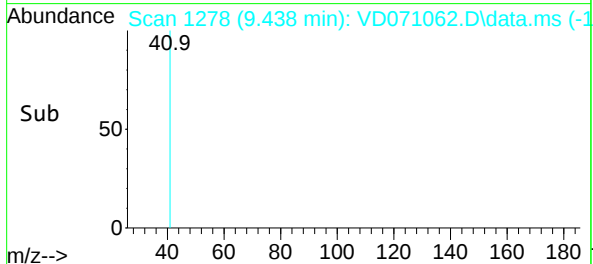
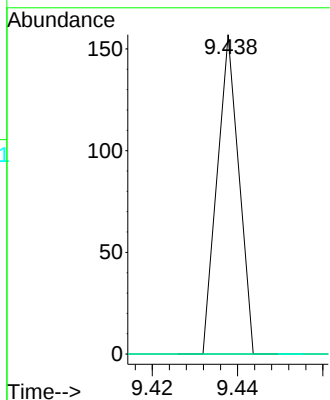


#48
Methyl methacrylate
Concen: 16.155 ug/l
RT: 9.438 min Scan# 1278
Delta R.T. -0.012 min
Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

Instrument :
MSVOA_D
ClientSampleId :

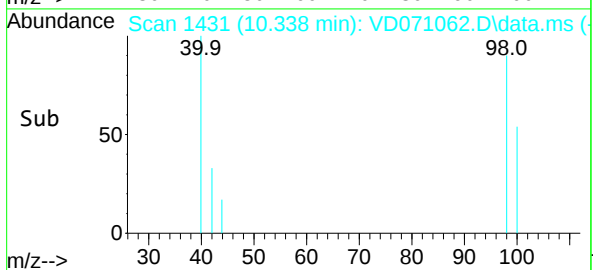
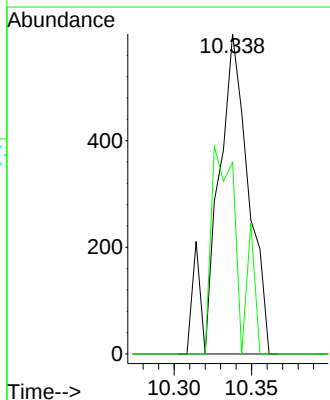
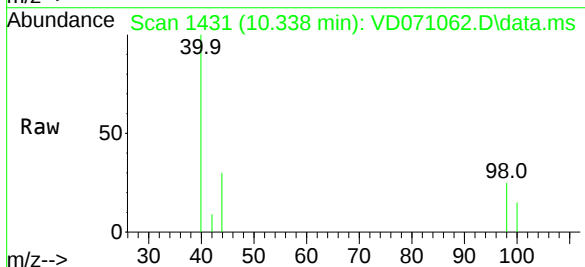


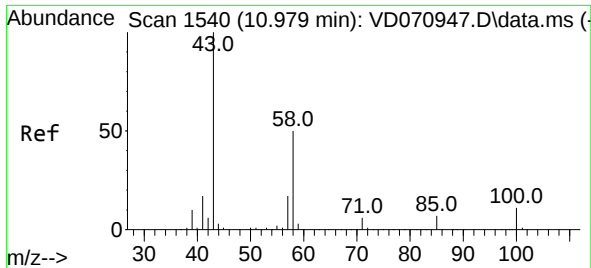
Tgt Ion: 41 Resp: 55
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.6#
39 0.0 35.6 53.4#



#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

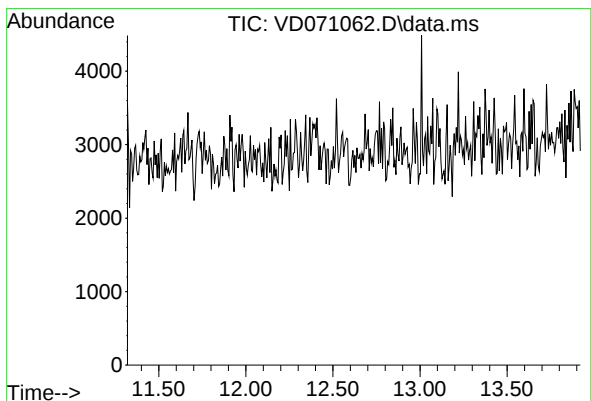
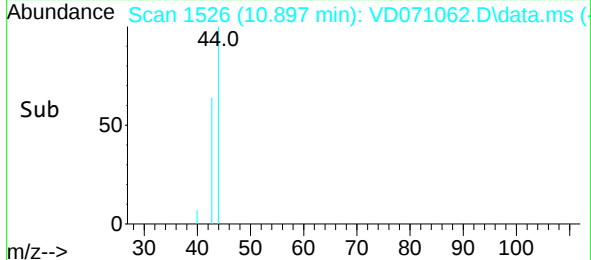
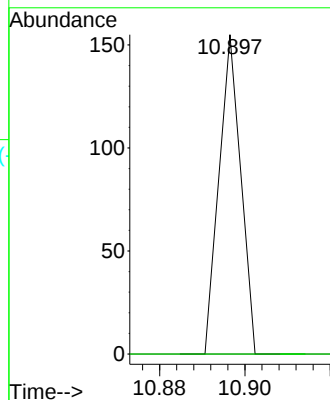
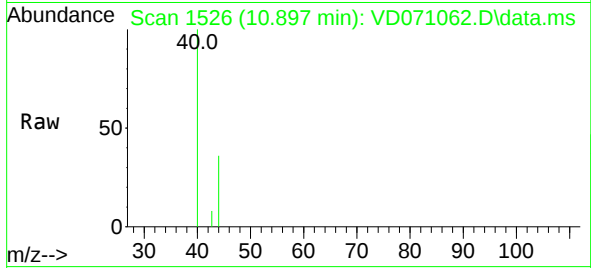




#59
2-Hexanone
Concen: 35.507 ug/l
RT: 10.897 min Scan# 11
Delta R.T. -0.082 min
Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

Instrument :
MSVOA_D
ClientSampleId :

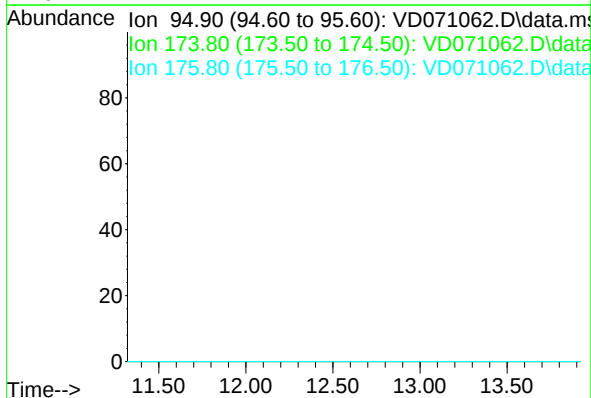
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

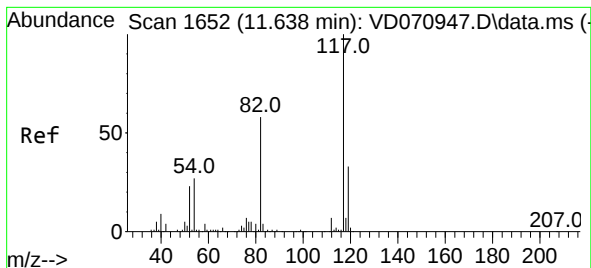


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.62 min

Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

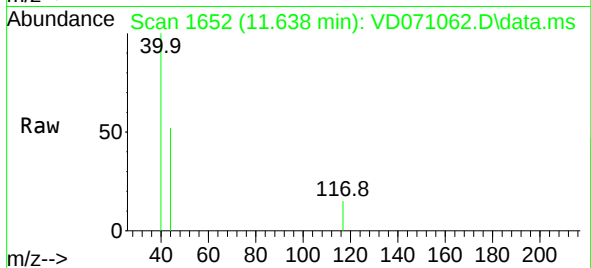
Tgt Ion: 95
Sig Exp Ratio
95 100
174 79.7
176 77.0



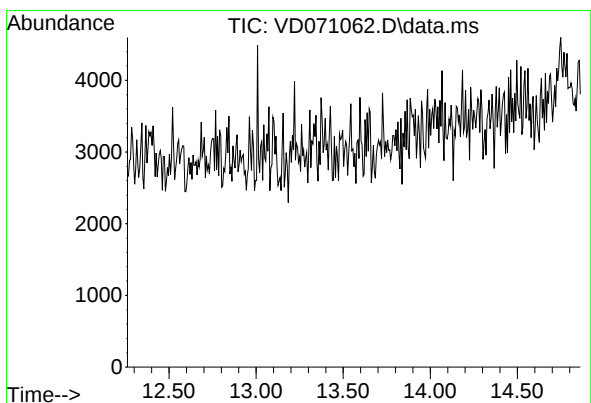
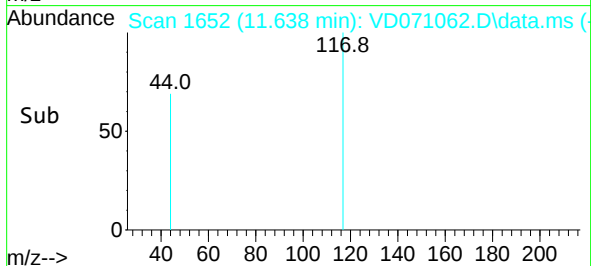
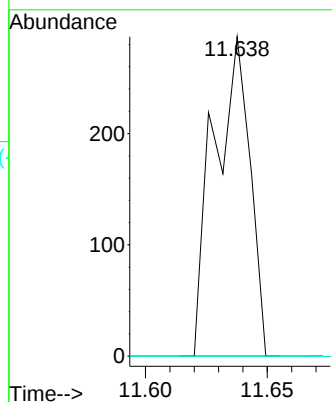


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071062.D
Acq: 19 Nov 2021 17:49

Instrument :
MSVOA_D
ClientSampleId :



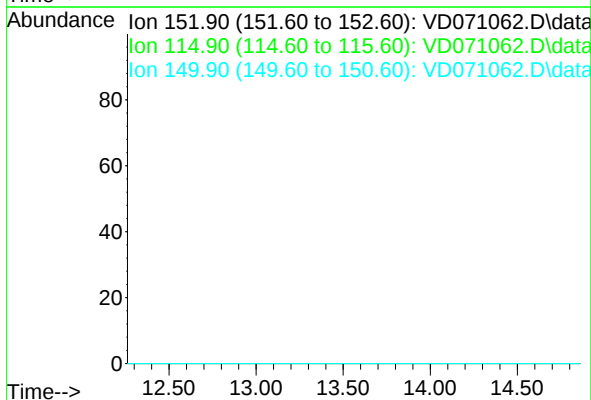
Tgt Ion:117 Resp: 294
Ion Ratio Lower Upper
117 100
82 0.0 44.7 67.1#
119 0.0 26.2 39.4#



#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



Ion 114.90 (114.60 to 115.60): VD071062.D\data.ms

Ion 149.90 (149.60 to 150.60): VD071062.D\data.ms