

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062463.D
 Acq On : 20 May 2019 18:36
 Operator : FY/SY
 Sample : K2894-13
 Misc : 5.01µ/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-5-6

Quant Time: May 20 18:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 20 17:01:52 2019
 Response via : Initial Calibration

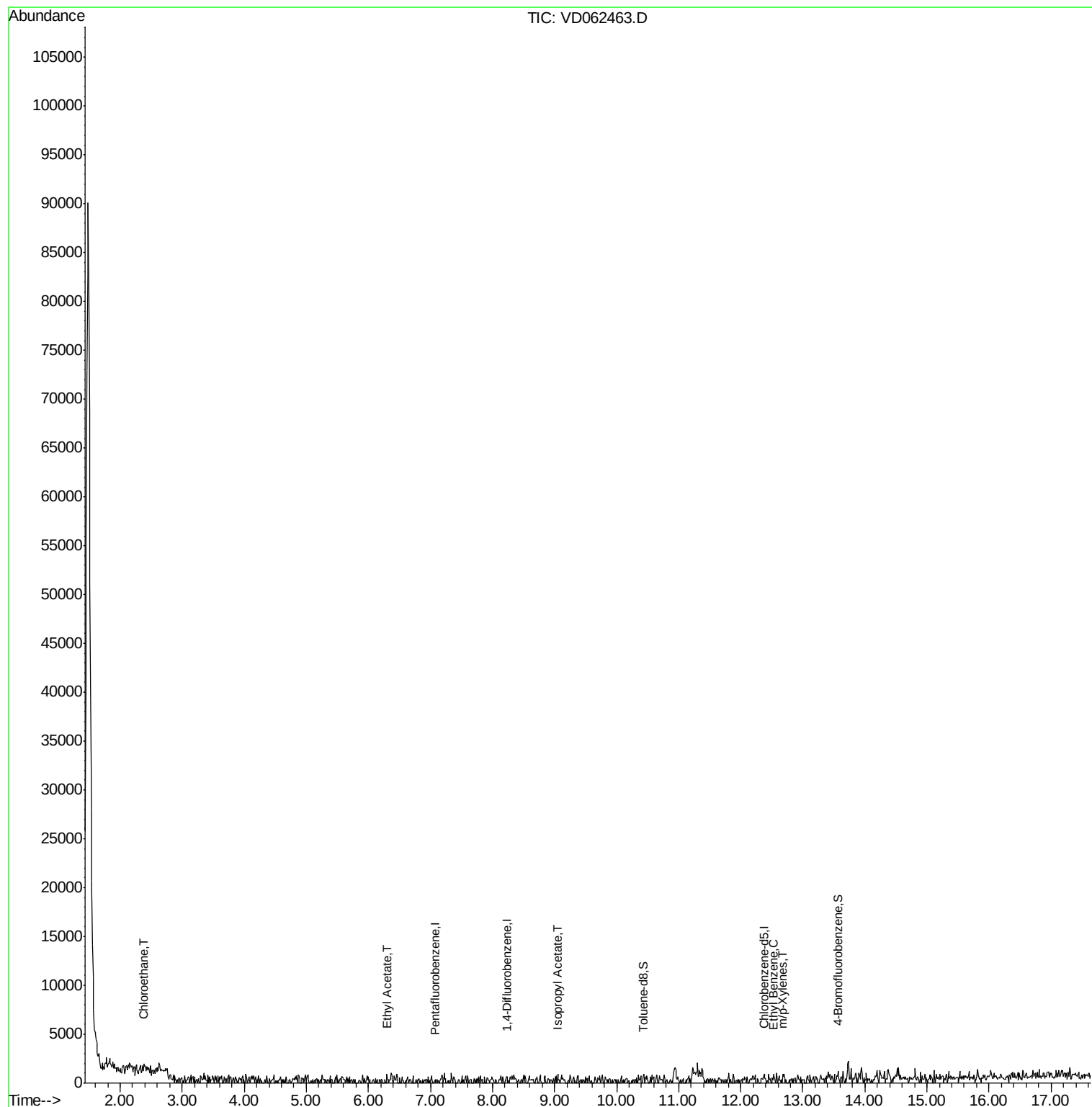
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	213	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	782	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-14.53
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.42	98	496	32.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.26%	
62) 4-Bromofluorobenzene	13.57	95	438	64.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.72%	
Target Compounds						
6) Chloroethane	2.38	64	187	248.959	ug/l #	43
37) Ethyl Acetate	6.31	43	205	70.581	ug/l #	64
43) Isopropyl Acetate	9.05	43	185	48.013	ug/l #	43
67) Ethyl Benzene	12.53	91	635	26.012	ug/l #	44
68) m/p-Xylenes	12.67	106	227	25.905	ug/l #	69

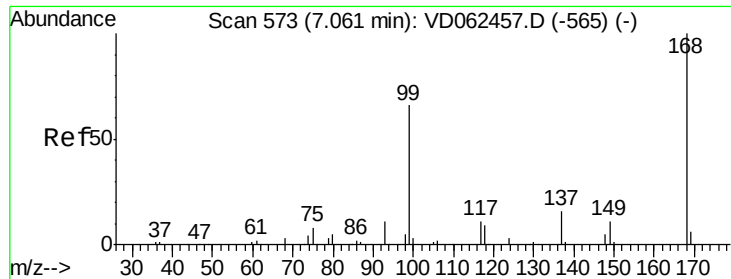
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052019\
Data File : VD062463.D
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Quant Title : SW846 8260
QLast Update : Mon May 20 17:01:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.01 min

Lab File: VD062463.D

Acq: 20 May 2019 18:36

Instrument :

MSVOA_D

ClientSampleId :

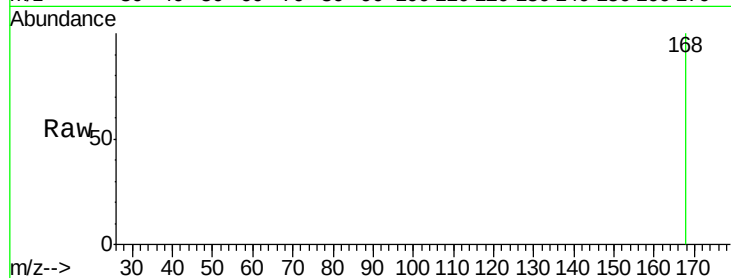
SB-08-5-6

Tot Ion:168 Resp: 213

Ion Ratio Lower Upper

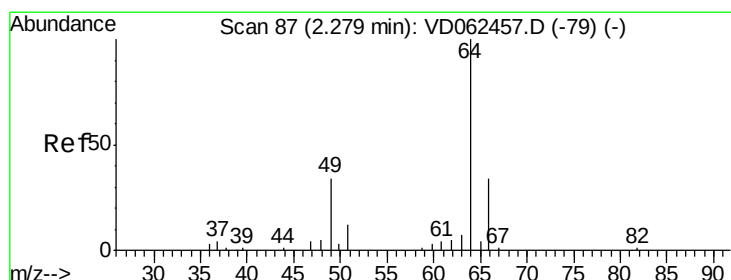
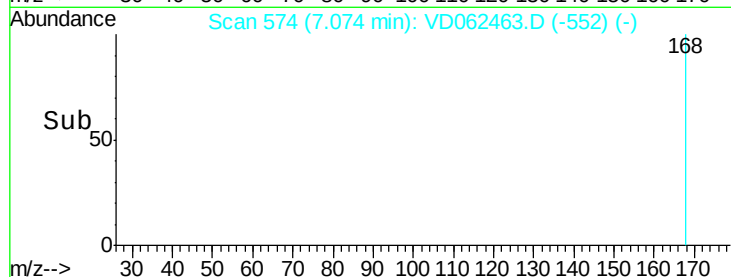
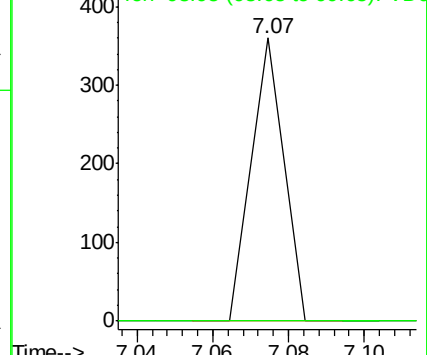
168 100

99 0.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#6

Chloroethane

Concen: 248.959 ug/l

RT: 2.38 min Scan# 97

Delta R.T. 0.10 min

Lab File: VD062463.D

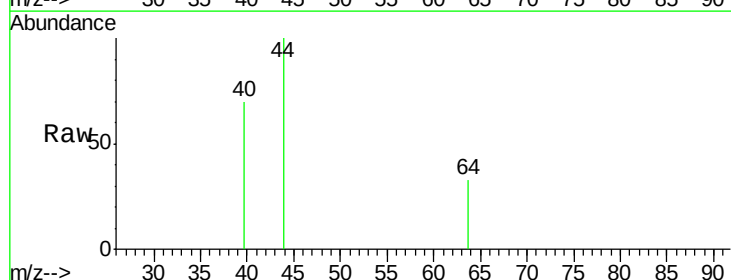
Acq: 20 May 2019 18:36

Tgt Ion: 64 Resp: 187

Ion Ratio Lower Upper

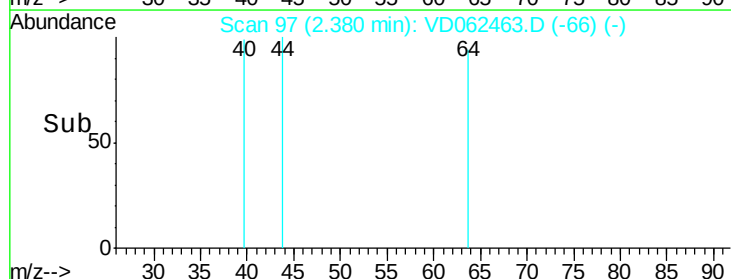
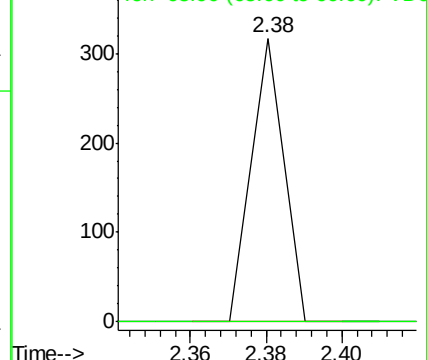
64 100

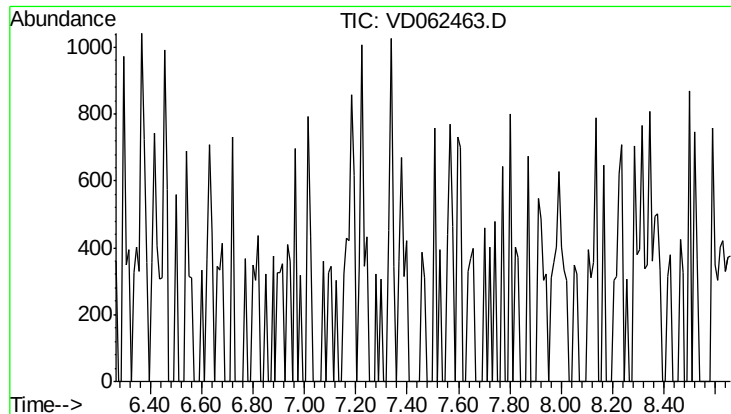
66 0.0 25.6 38.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

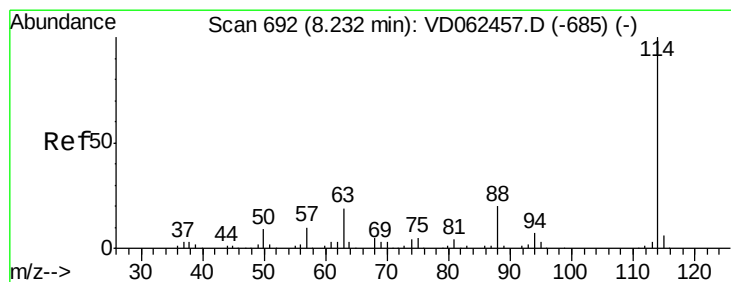
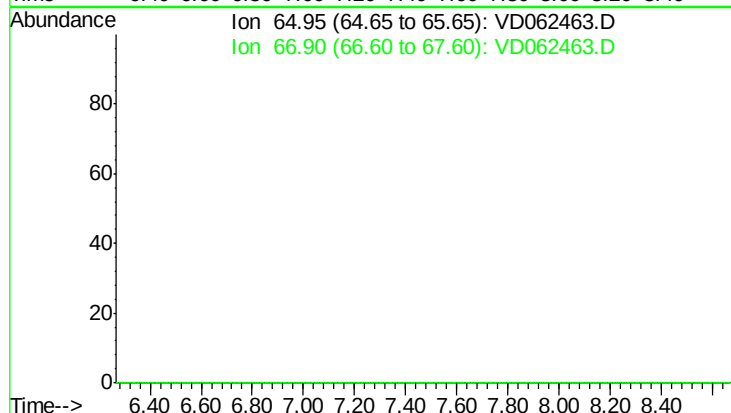




#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 7.46 min
 Lab File: VD062463.D
 Acq: 20 May 2019 18:36

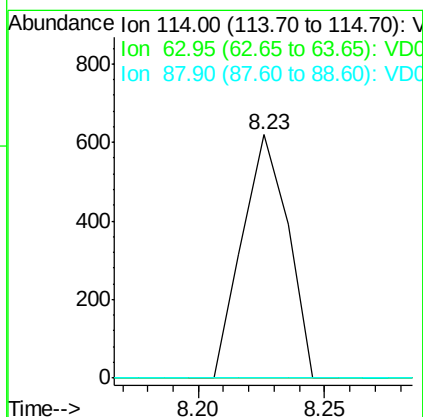
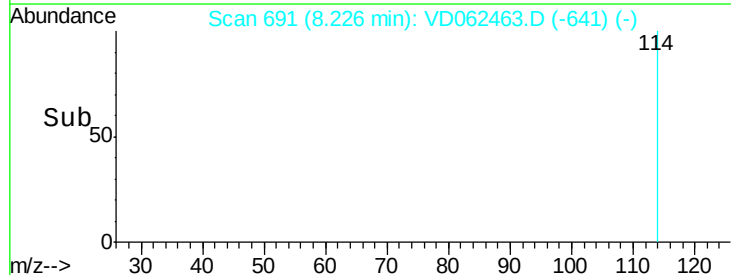
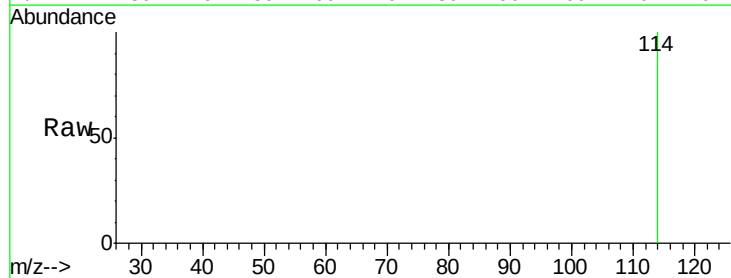
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-5-6

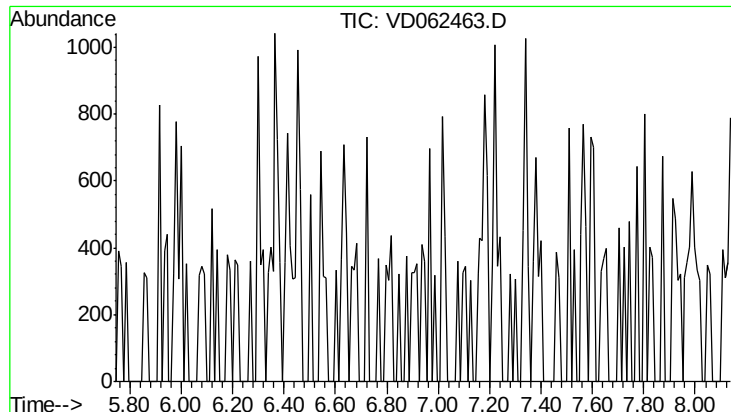
Tot Ion: 65
 Sig Exp Ratio
 65 100
 67 49.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD062463.D
 Acq: 20 May 2019 18:36

Tgt Ion: 114 Resp: 782
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 32.4
 88 0.0 0.0 33.6





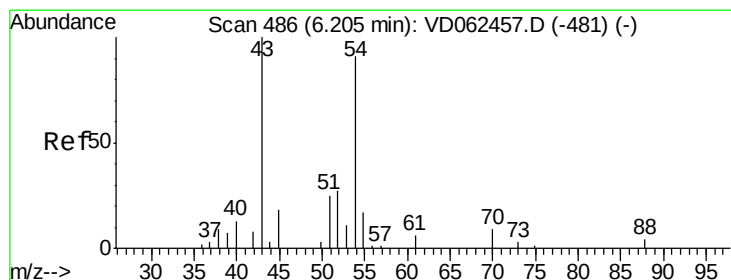
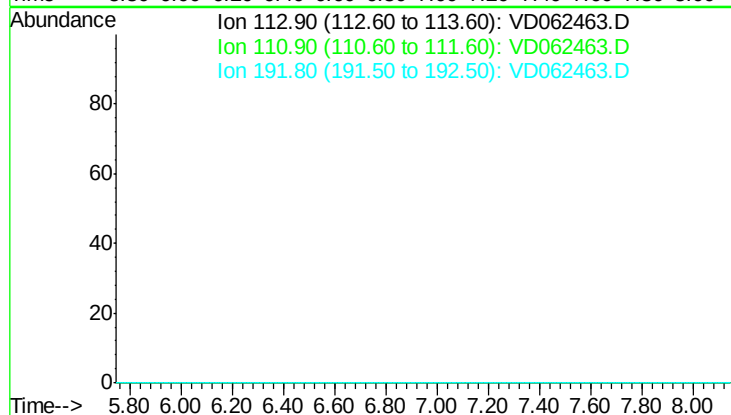
#35

Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 6.94 min

Lab File: VD062463.D
Acq: 20 May 2019 18:36

Instrument :
MSVOA_D
ClientSampleId :
SB-08-5-6

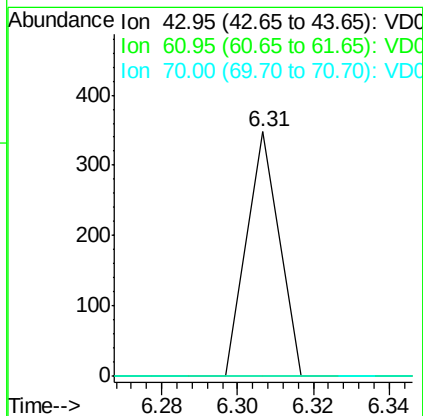
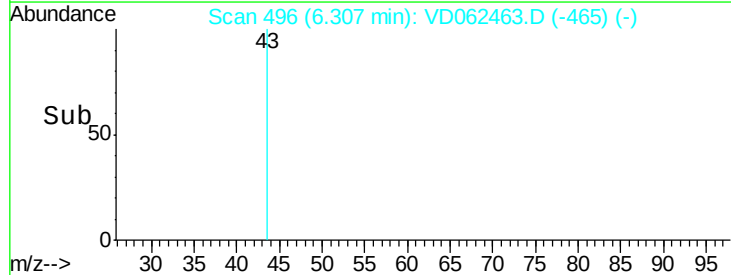
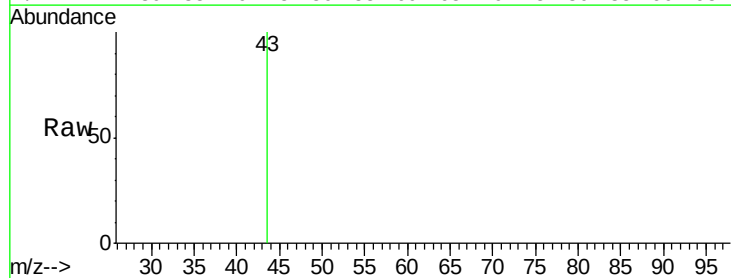
Tot Ion: 113
Sig Exp Ratio
113 100
111 98.1
192 16.2

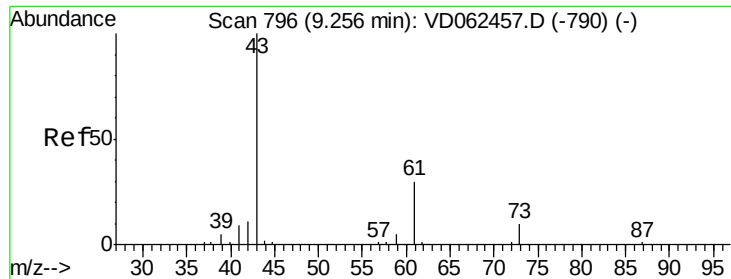


#37

Ethyl Acetate
Concen: 70.581 ug/l
RT: 6.31 min Scan# 496
Delta R.T. 0.10 min
Lab File: VD062463.D
Acq: 20 May 2019 18:36

Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
61 0.0 14.7 22.1#
70 0.0 7.8 11.6#

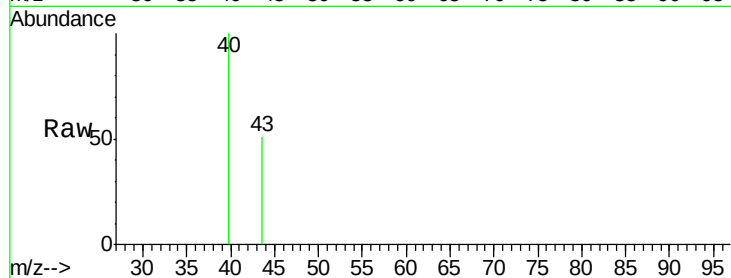




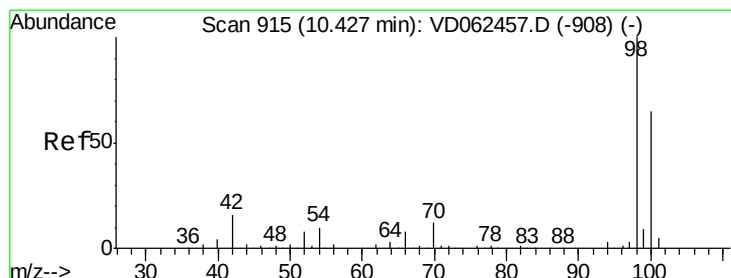
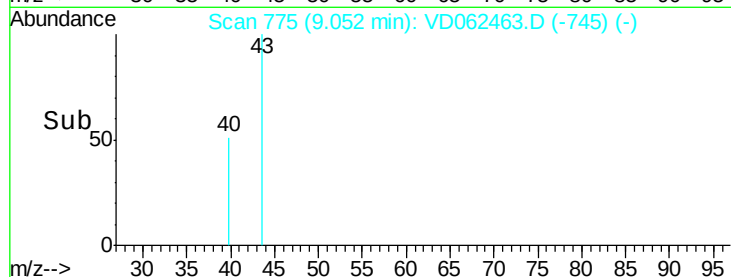
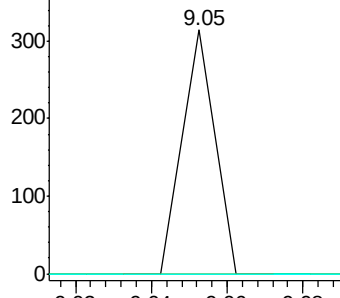
#43
Isopropyl Acetate
Concen: 48.013 ug/l
RT: 9.05 min Scan# 775
Delta R.T. -0.20 min
Lab File: VD062463.D
Acq: 20 May 2019 18:36

Instrument :
MSVOA_D
ClientSampleId :
SB-08-5-6

Tot Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
61 0.0 25.1 37.7#
87 0.0 0.0 0.0

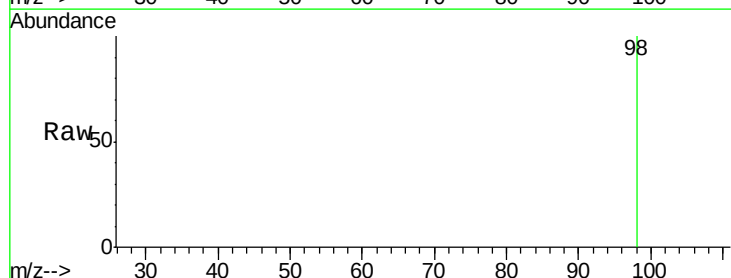


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

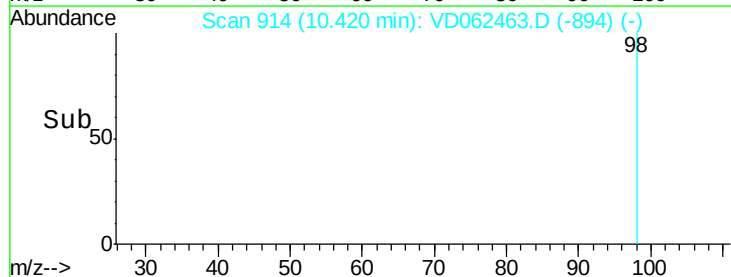
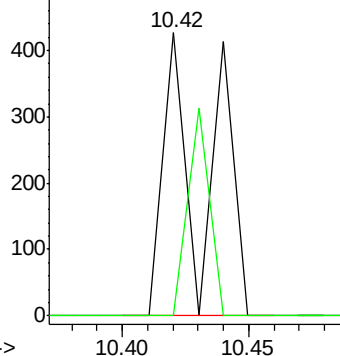


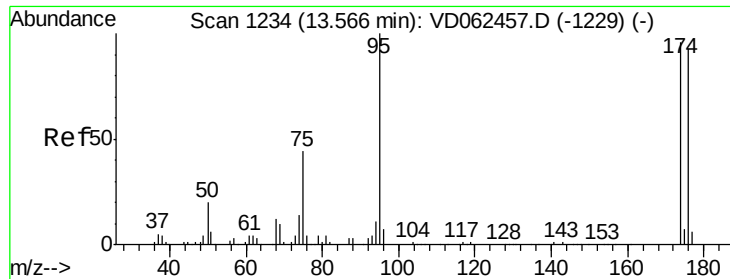
#50
Toluene-d8
Concen: 32.128 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD062463.D
Acq: 20 May 2019 18:36

Tgt Ion: 98 Resp: 496
Ion Ratio Lower Upper
98 100
100 0.0 53.8 80.8#



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 64.858 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.00 min

Lab File: VD062463.D

Acq: 20 May 2019 18:36

Instrument :

MSVOA_D

ClientSampleId :

SB-08-5-6

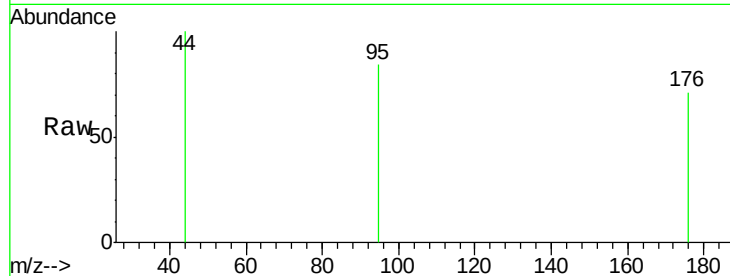
Tot Ion: 95 Resp: 438

Ion Ratio Lower Upper

95 100

174 0.0 0.0 181.8

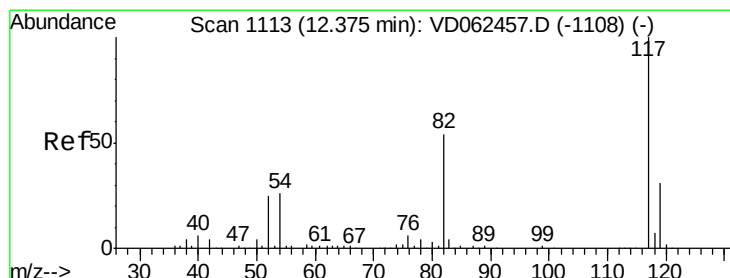
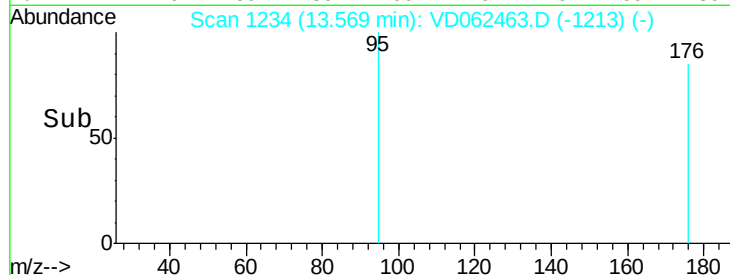
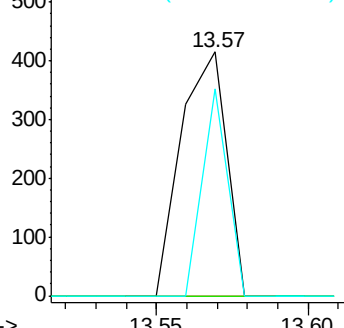
176 84.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VD062463.D

Acq: 20 May 2019 18:36

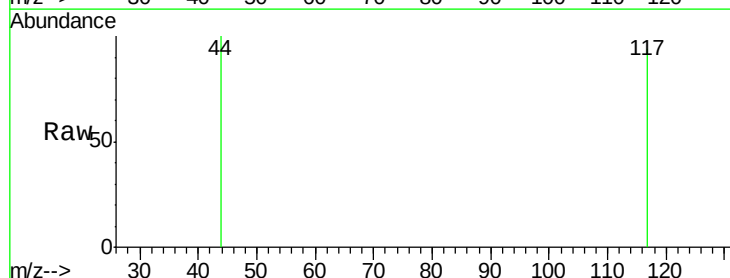
Tgt Ion: 117 Resp: 737

Ion Ratio Lower Upper

117 100

82 0.0 36.2 54.2#

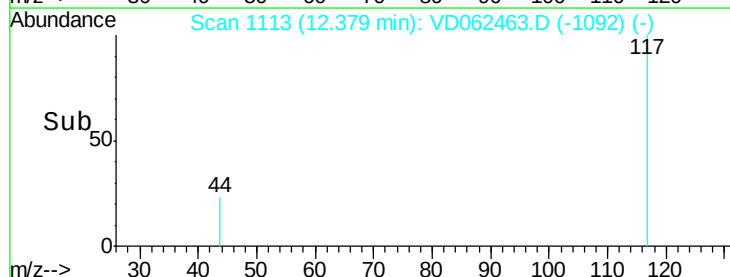
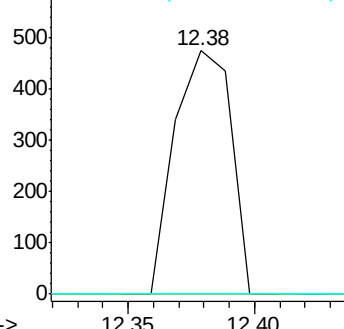
119 0.0 26.2 39.4#

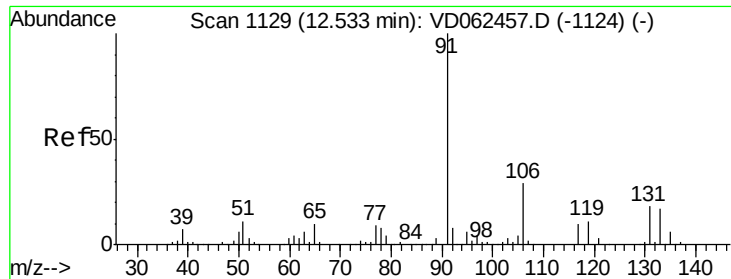


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

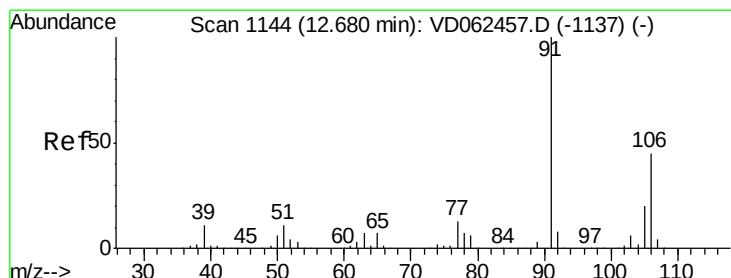
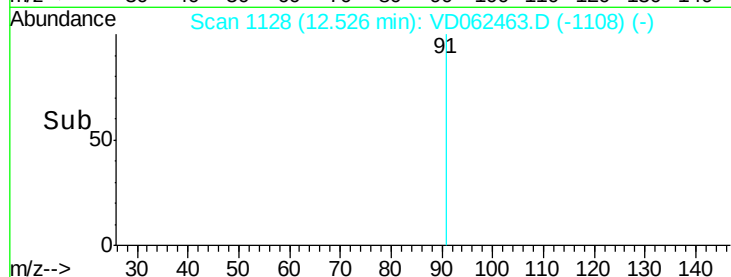
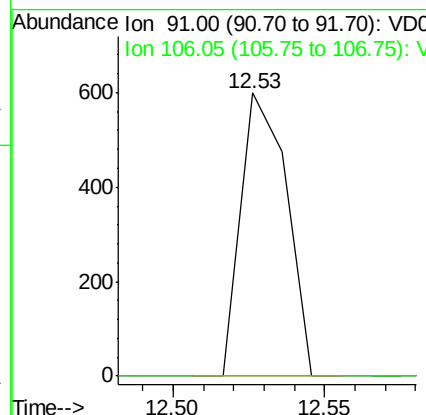
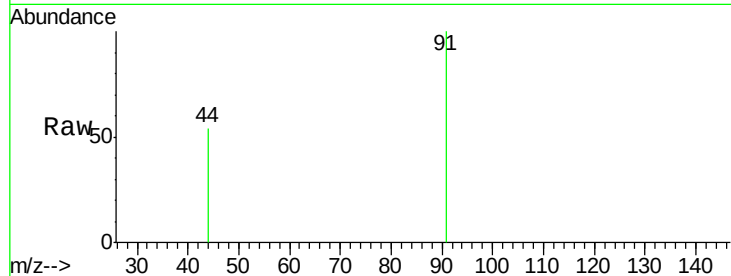




#67
Ethyl Benzene
Concen: 26.012 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VD062463.D
Acq: 20 May 2019 18:36

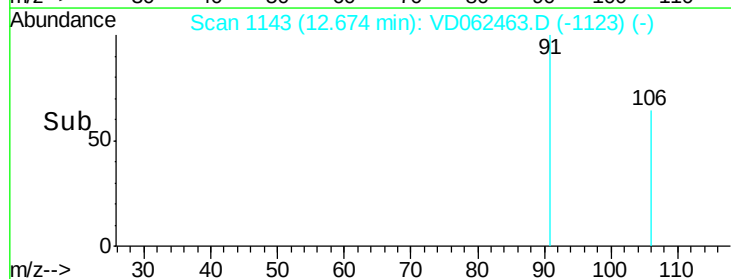
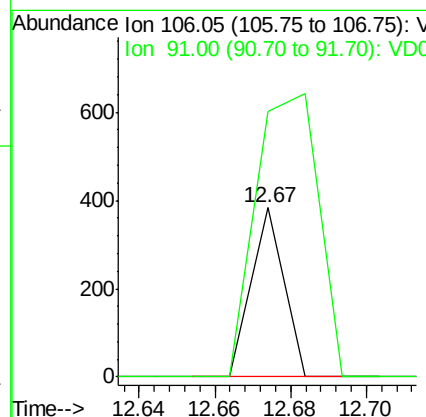
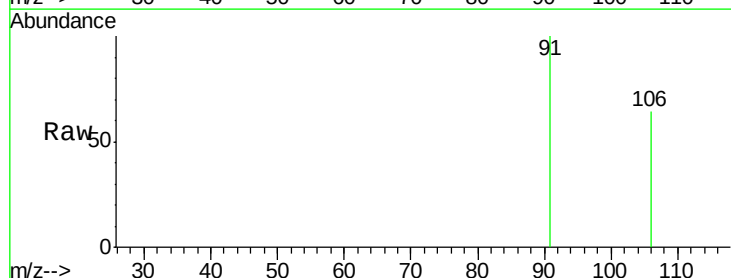
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ClientSampleId :
SB-08-5-6

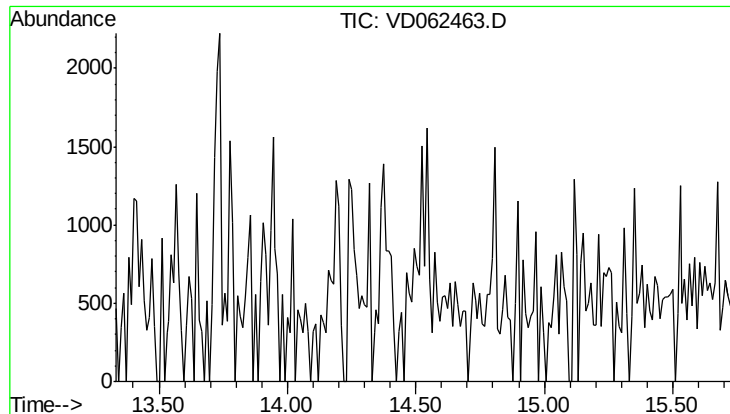
Tot Ion: 91 Resp: 635
Ion Ratio Lower Upper
91 100
106 0.0 24.7 37.1#



#68
m/p-Xylenes
Concen: 25.905 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VD062463.D
Acq: 20 May 2019 18:36

Tgt Ion: 106 Resp: 227
Ion Ratio Lower Upper
106 100
91 156.8 164.0 246.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 14.53 min
 Lab File: VD062463.D
 Acq: 20 May 2019 18:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-5-6

Tot Ion	Exp Ratio
152	100
115	61.8
150	157.4

