

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062571.D
 Acq On : 31 May 2019 18:36
 Operator : VA/AP
 Sample : K3097-11RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190431-HR-11RE

Quant Time: May 31 23:28:28 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

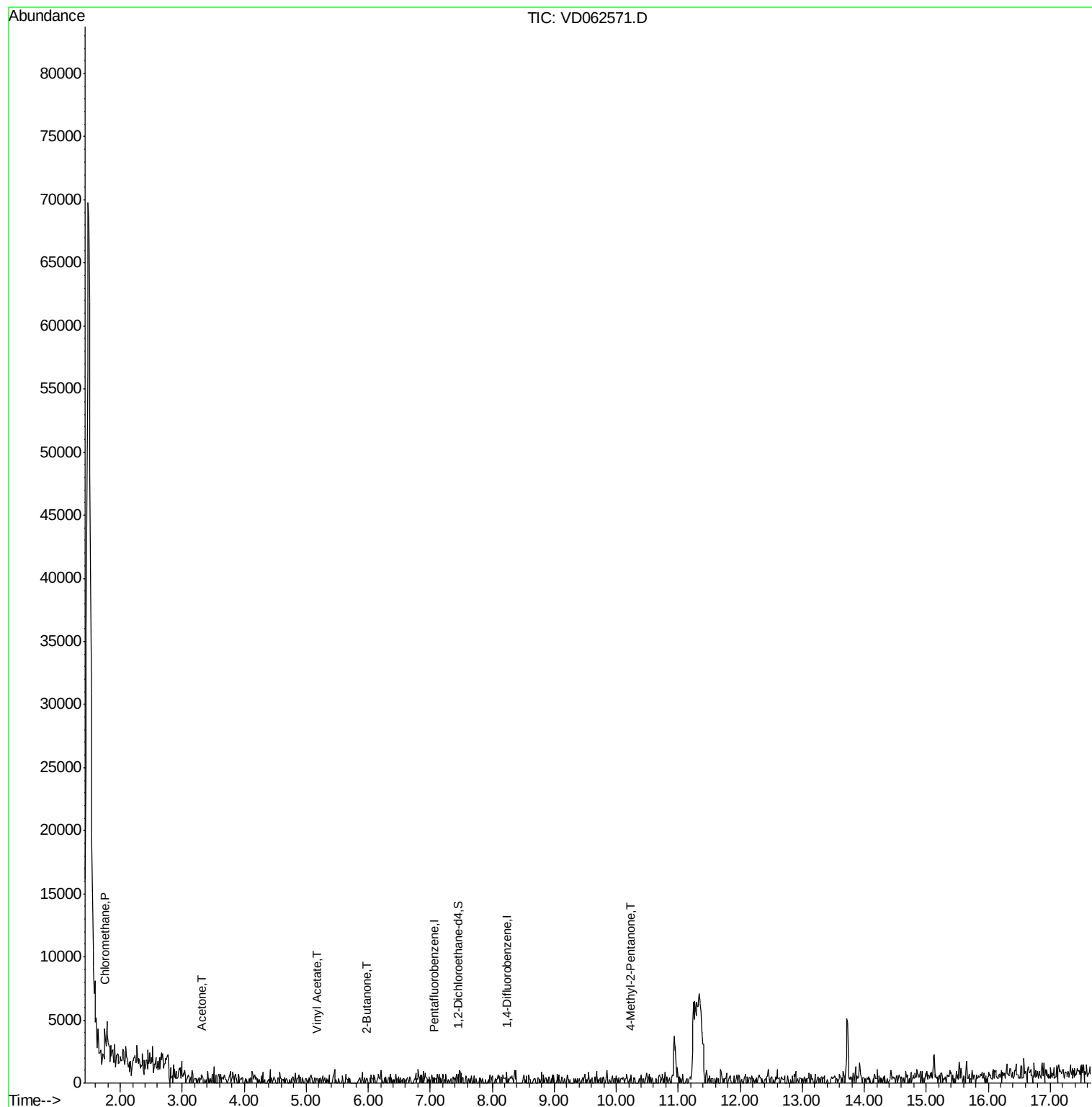
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	226	50.00	ug/l	0.00
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-12.38
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-14.53
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	445	138.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	276.02%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.75	50	225	75.784	ug/l #	43
16) Acetone	3.31	43	209	329.892	ug/l #	60
23) Vinyl Acetate	5.18	43	196	47.087	ug/l #	80
25) 2-Butanone	5.96	43	210	351.955	ug/l #	62
51) 4-Methyl-2-Pentanone	10.23	43	210	254.983	ug/l #	42

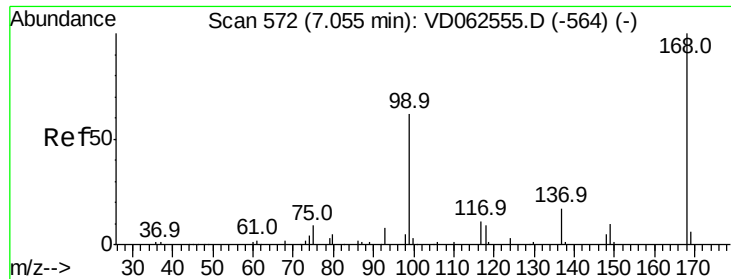
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD062571.D

Acq: 31 May 2019 18:36

Instrument :

MSVOA_D

ClientSampleId :

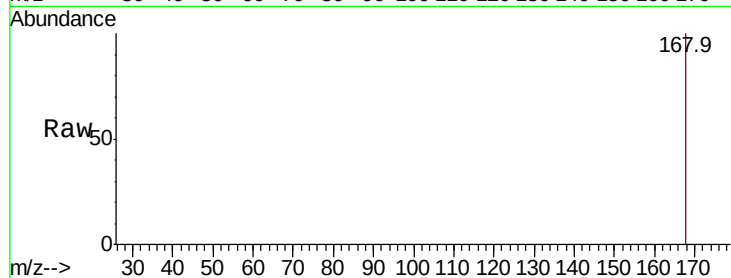
20190431-HR-11RE

Tot Ion:168 Resp: 275

Ion Ratio Lower Upper

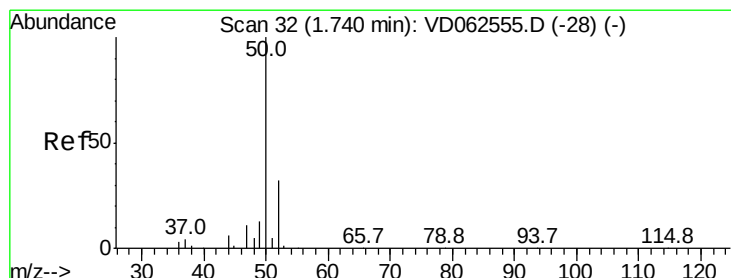
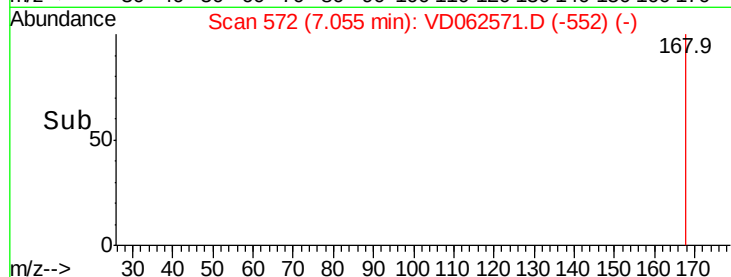
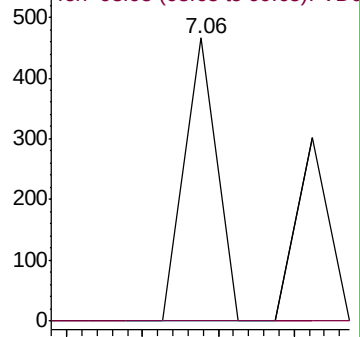
168 100

99 0.0 50.8 76.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 75.784 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062571.D

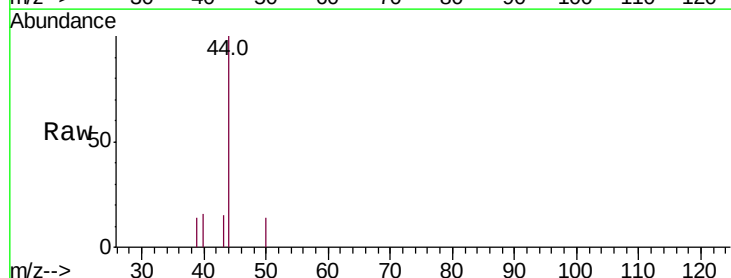
Acq: 31 May 2019 18:36

Tgt Ion: 50 Resp: 225

Ion Ratio Lower Upper

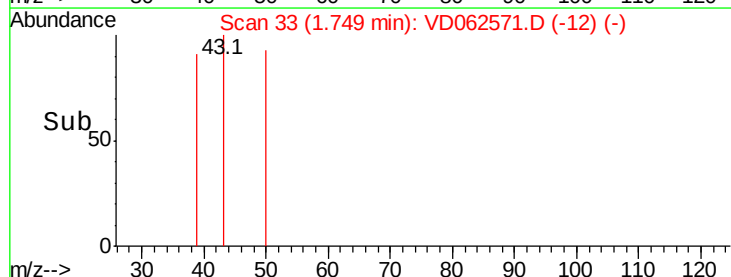
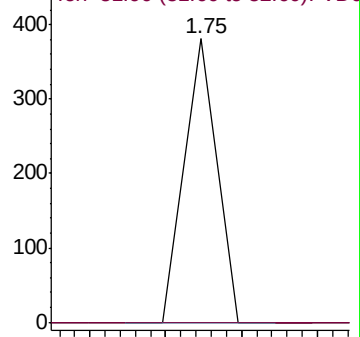
50 100

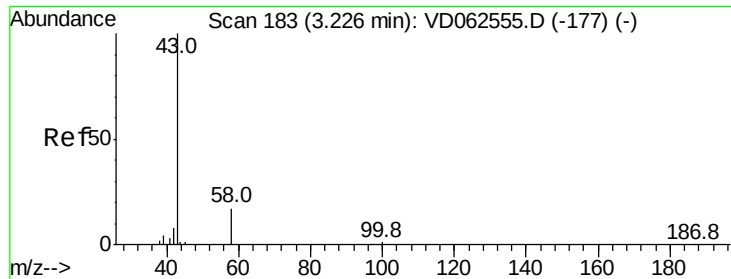
52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

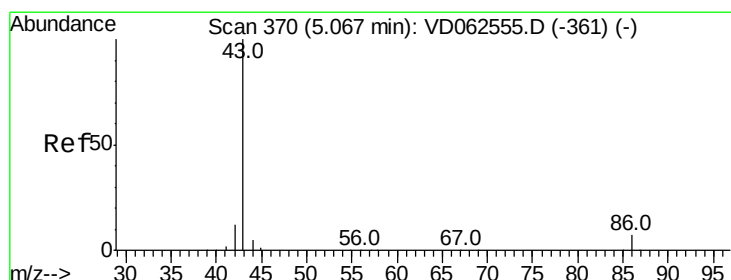
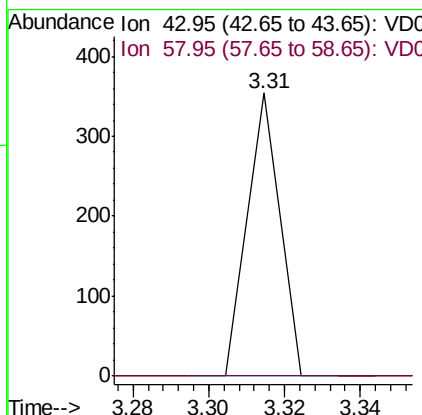
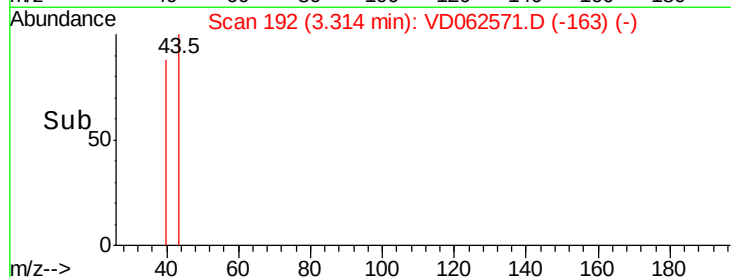
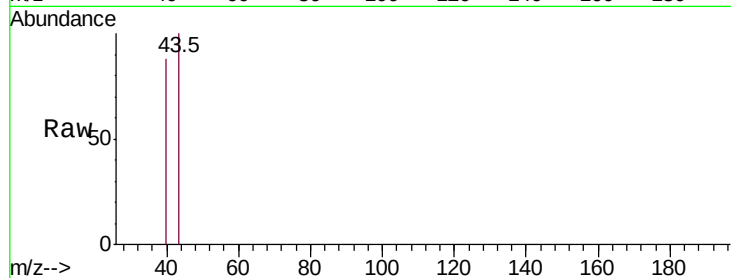




#16
Acetone
Concen: 329.892 ug/l
RT: 3.31 min Scan# 192
Delta R.T. 0.09 min
Lab File: VD062571.D
Acq: 31 May 2019 18:36

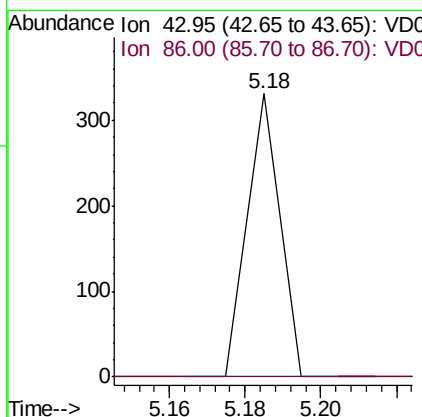
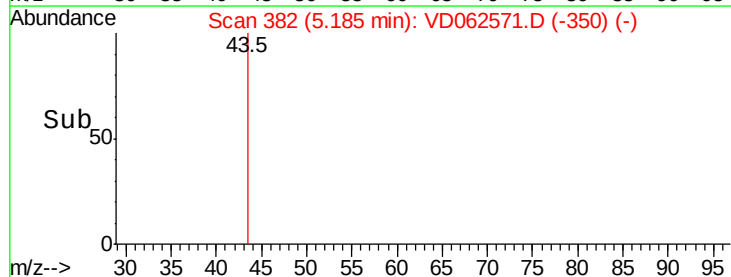
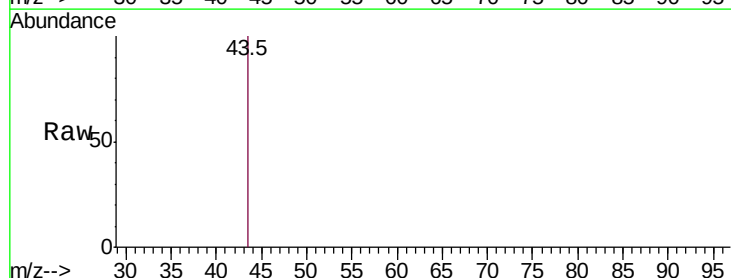
Instrument :
MSVOA_D
ClientSampleId :
20190431-HR-11RE

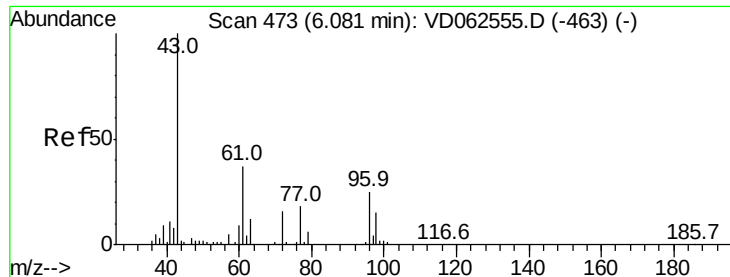
Tot Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
58 0.0 13.8 20.8#



#23
Vinyl Acetate
Concen: 47.087 ug/l
RT: 5.18 min Scan# 382
Delta R.T. 0.12 min
Lab File: VD062571.D
Acq: 31 May 2019 18:36

Tgt Ion: 43 Resp: 196
Ion Ratio Lower Upper
43 100
86 0.0 5.5 8.3#





#25

2-Butanone

Concen: 351.955 ug/l

RT: 5.96 min Scan# 461

Delta R.T. -0.12 min

Lab File: VD062571.D

Acq: 31 May 2019 18:36

Instrument :

MSVOA_D

ClientSampleId :

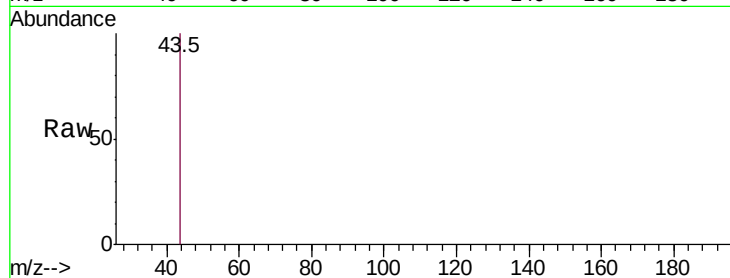
20190431-HR-11RE

Tot Ion: 43 Resp: 210

Ion Ratio Lower Upper

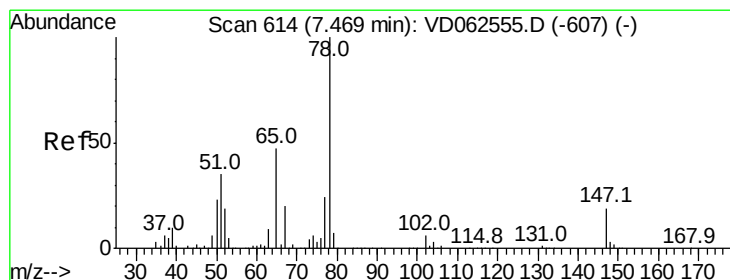
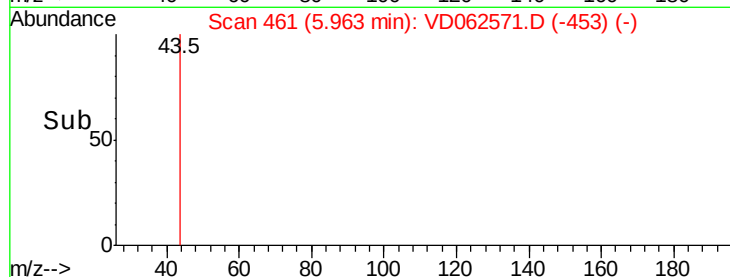
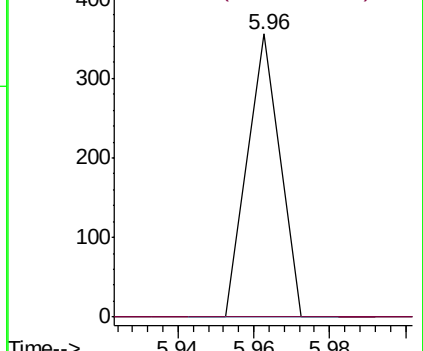
43 100

72 0.0 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 138.008 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD062571.D

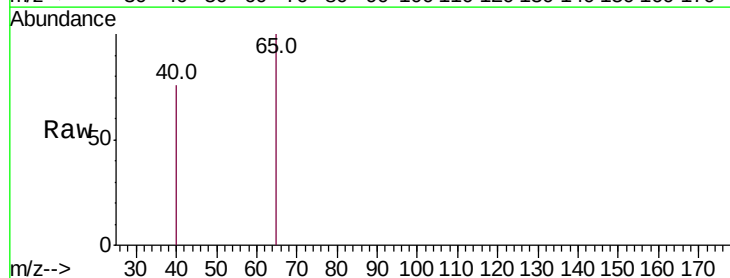
Acq: 31 May 2019 18:36

Tgt Ion: 65 Resp: 445

Ion Ratio Lower Upper

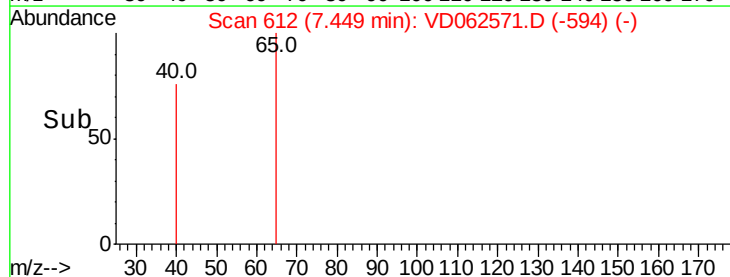
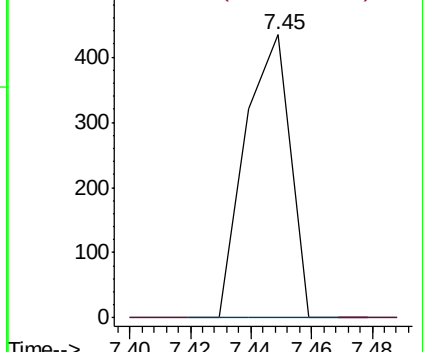
65 100

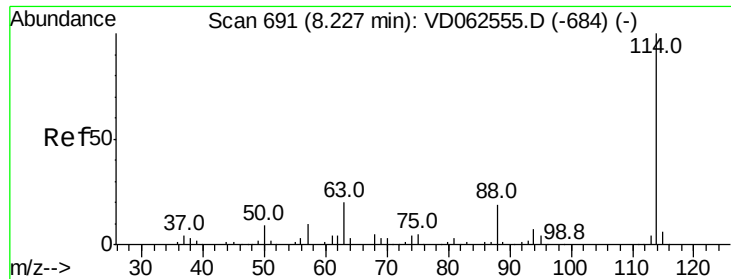
67 0.0 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

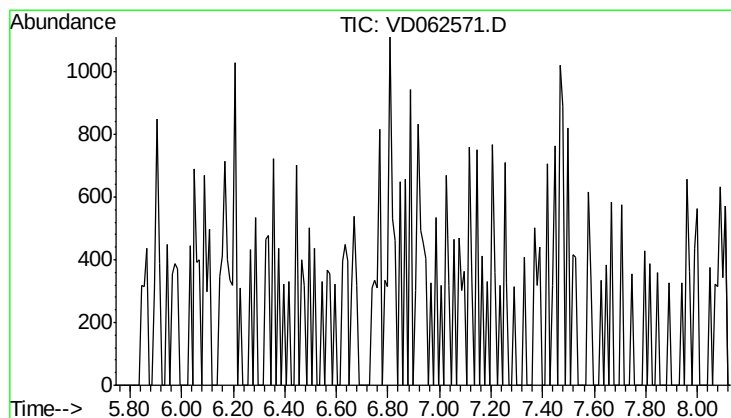
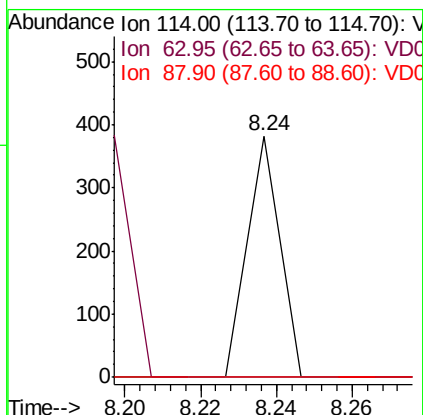
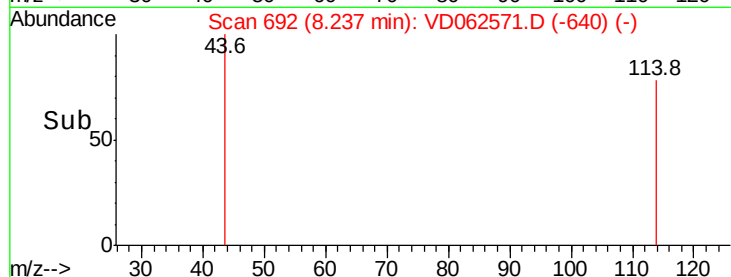
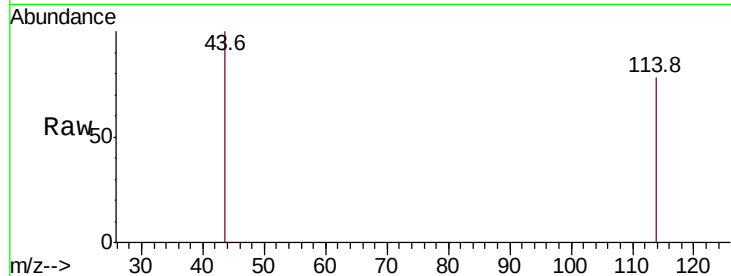




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062571.D
 Acq: 31 May 2019 18:36

Instrument :
 MSVOA_D
 ClientSampleId :
 20190431-HR-11RE

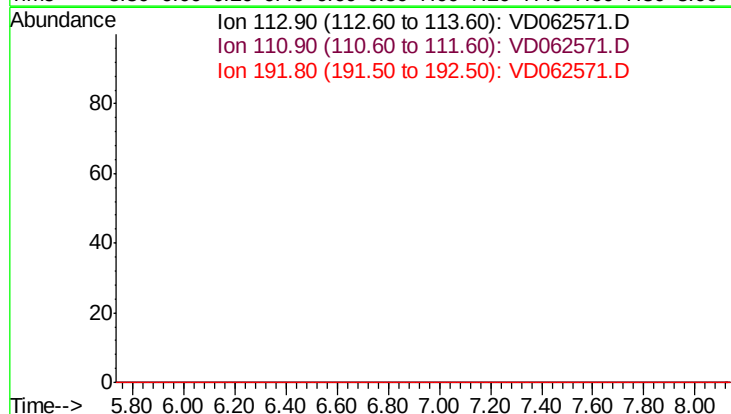
Tot Ion:114 Resp: 226
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 40.6
 88 0.0 0.0 37.6

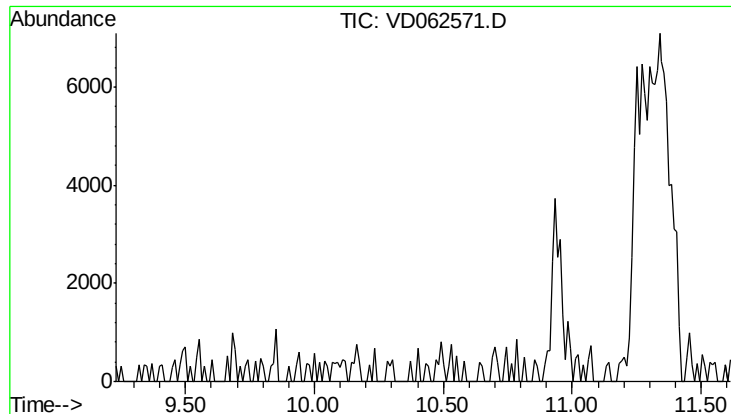


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 6.94 min

Lab File: VD062571.D
 Acq: 31 May 2019 18:36

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 98.5
 192 18.3



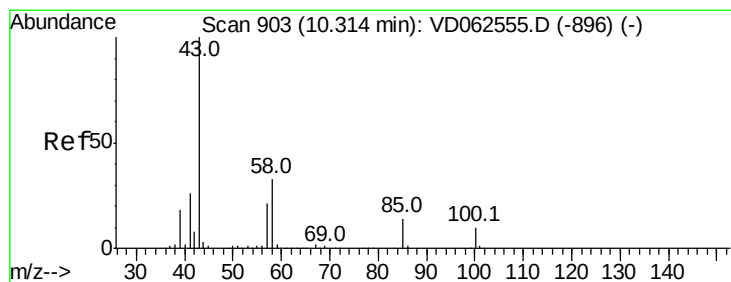
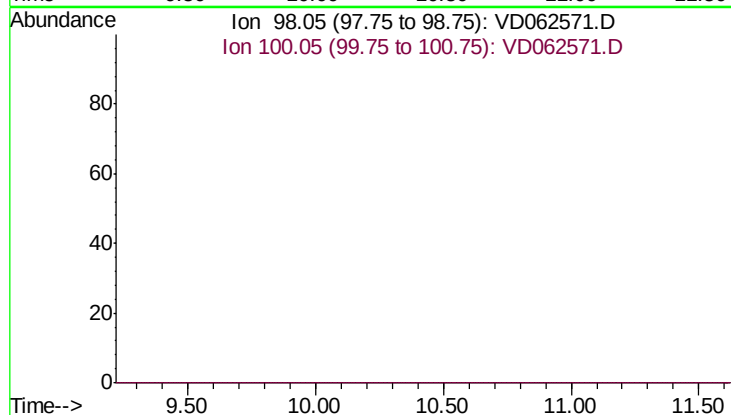


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.42 min

Lab File: VD062571.D
Acq: 31 May 2019 18:36

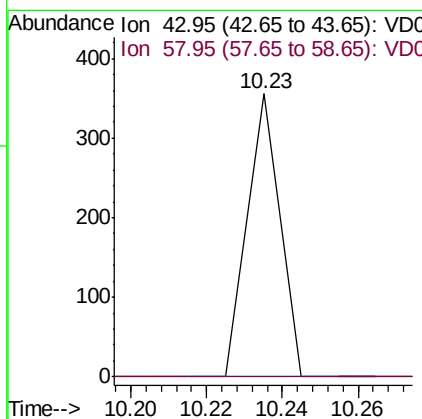
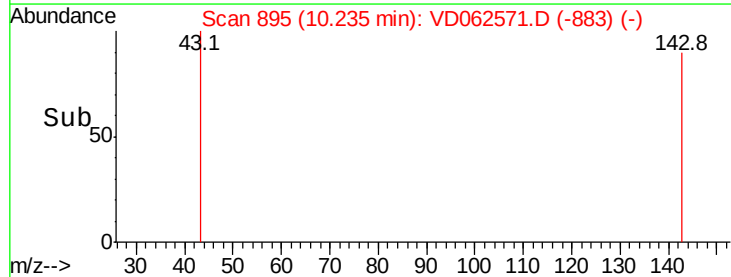
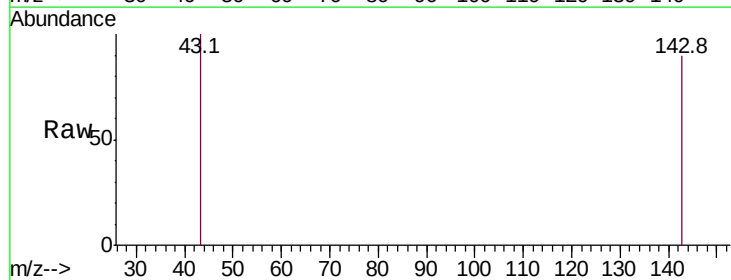
Instrument :
MSVOA_D
ClientSampleId :
20190431-HR-11RE

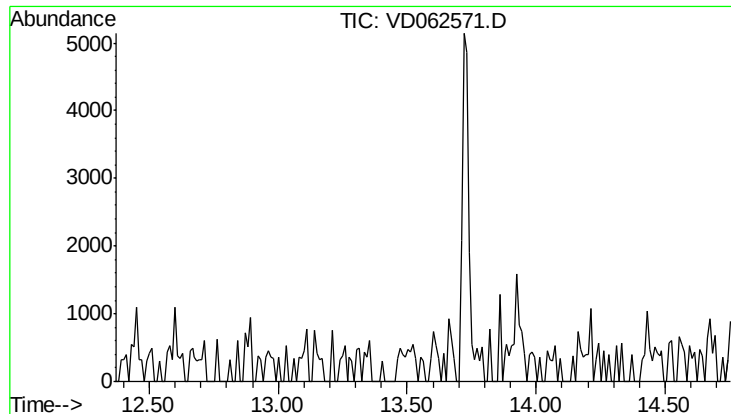
Tot Ion: 98
Sig Exp Ratio
98 100
100 65.4



#51
4-Methyl-2-Pentanone
Concen: 254.983 ug/l
RT: 10.23 min Scan# 895
Delta R.T. -0.08 min
Lab File: VD062571.D
Acq: 31 May 2019 18:36

Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
58 0.0 26.1 39.1#





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 13.56 min

Lab File: VD062571.D

Acq: 31 May 2019 18:36

Instrument :

MSVOA_D

ClientSampleId :

20190431-HR-11RE

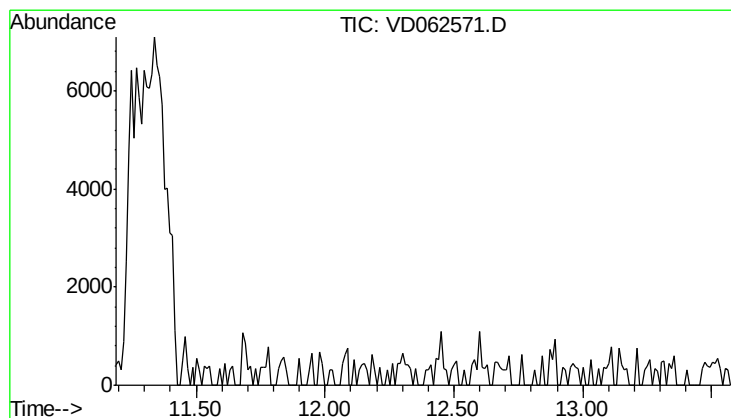
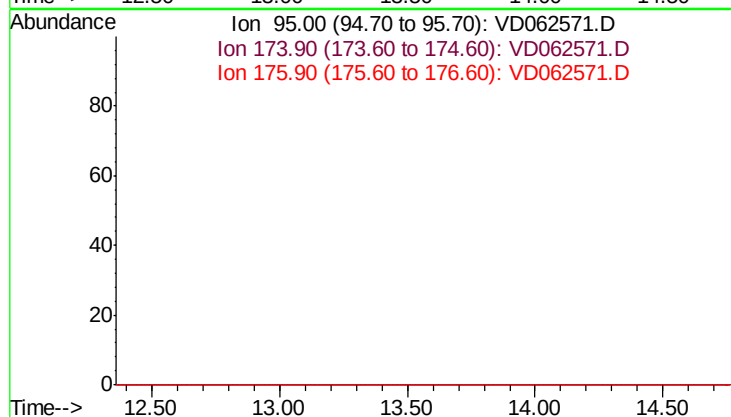
Tot Ion: 95

Sig Exp Ratio

95 100

174 80.1

176 74.0



#63

Chlorobenzene-d5

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VD062571.D

Acq: 31 May 2019 18:36

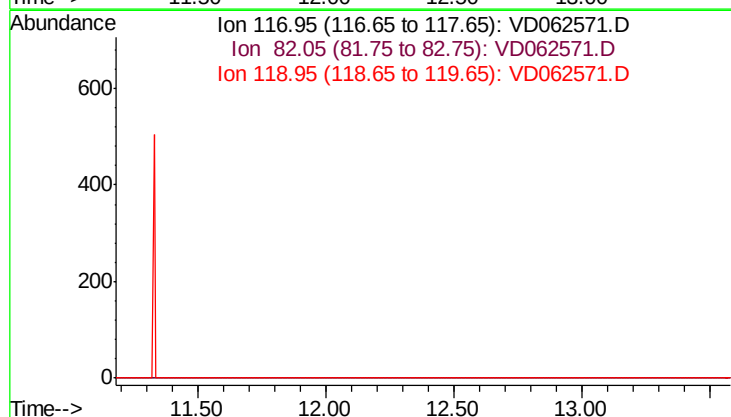
Tgt Ion: 117

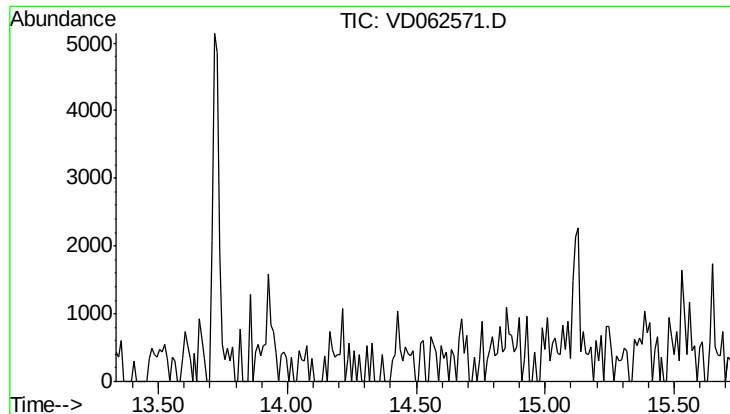
Sig Exp Ratio

117 100

82 51.8

119 31.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 14.53 min
 Lab File: VD062571.D
 Acq: 31 May 2019 18:36

Instrument :
 MSVOA_D
 ClientSampleId :
 20190431-HR-11RE

Tot Ion: 152
 Sig Exp Ratio
 152 100
 115 56.9
 150 155.2

