

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062403.D
 Acq On : 15 May 2019 22:12
 Operator : FY/SY
 Sample : K2761-02RE
 Misc : 4.88g/5mL/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 16 04:00:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

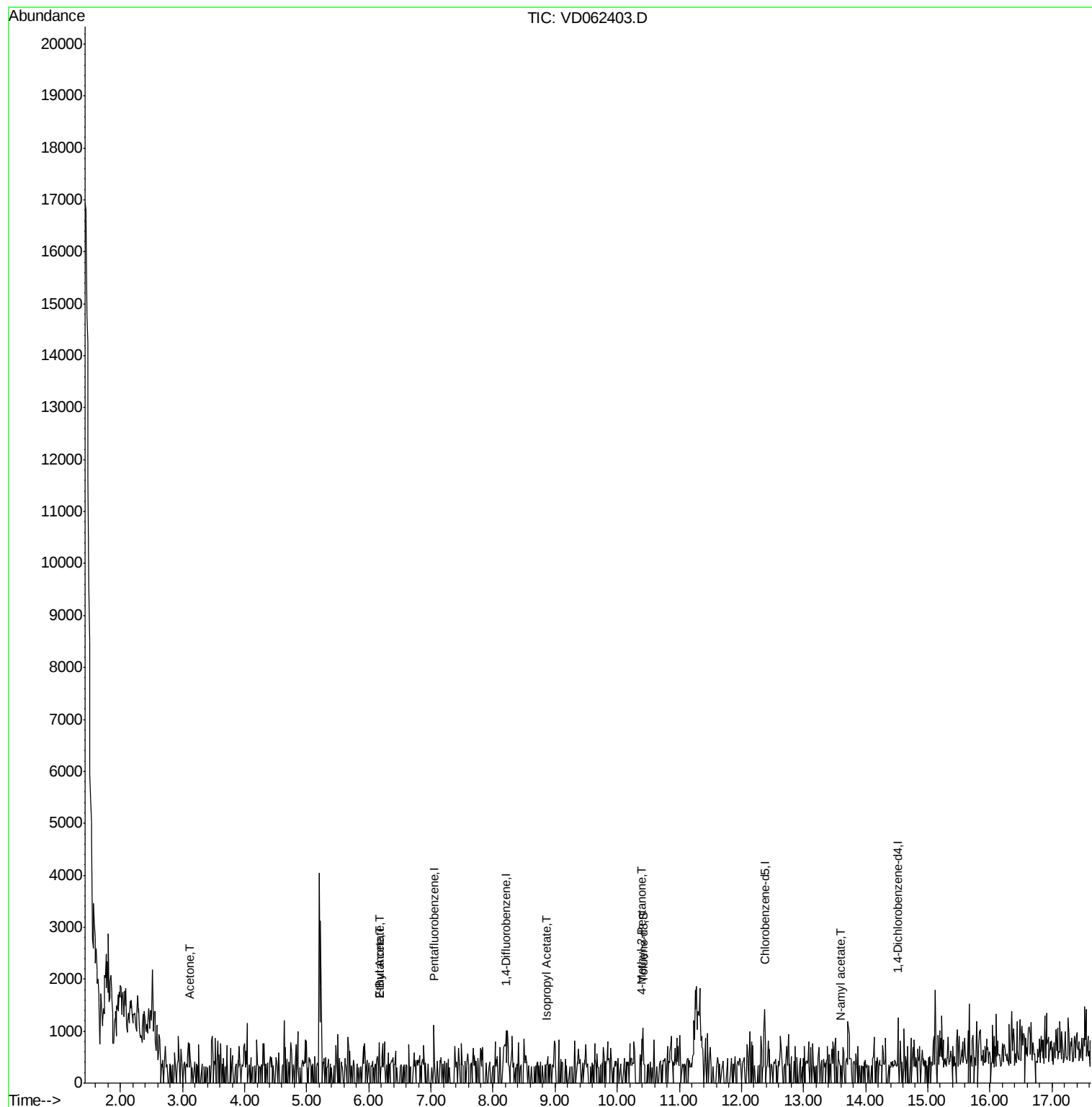
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	455	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	809	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	292	50.00	ug/l	0.00
System Monitoring Compounds						
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	479	29.60	ug/l	0.02
Spiked Amount	50.000		Recovery	=	59.20%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
16) Acetone	3.12	43	758	854.822	ug/l #	50
25) 2-Butanone	6.17	43	262	270.881	ug/l #	56
37) Ethyl Acetate	6.17	43	262	93.140	ug/l #	64
43) Isopropyl Acetate	8.86	43	209	52.388	ug/l #	43
51) 4-Methyl-2-Pentanone	10.40	43	209	81.499	ug/l #	37
74) N-amyl acetate	13.60	43	203	44.236	ug/l #	49

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

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062403.D

Acq: 15 May 2019 22:12

Instrument :

MSVOA_D

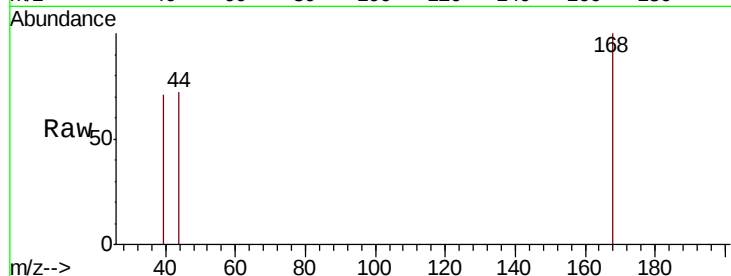
ClientSampleId :

Tot Ion:168 Resp: 455

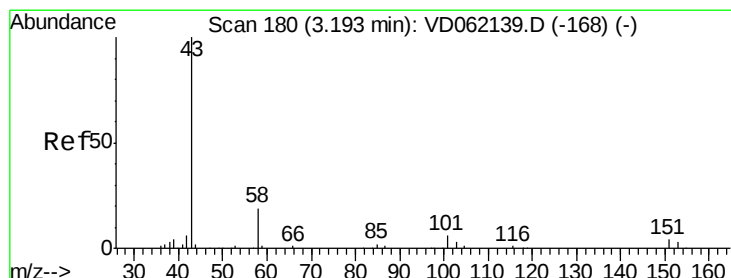
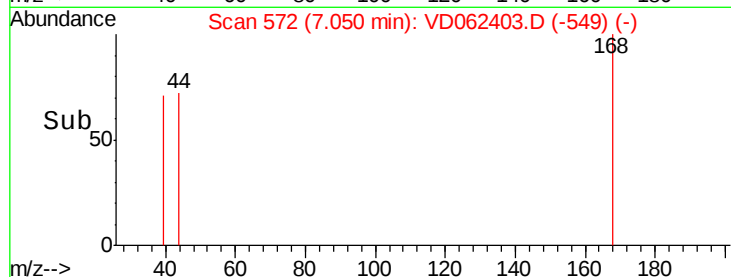
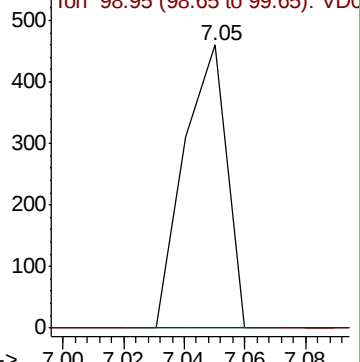
Ion Ratio Lower Upper

168 100

99 0.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 854.822 ug/l

RT: 3.12 min Scan# 173

Delta R.T. -0.07 min

Lab File: VD062403.D

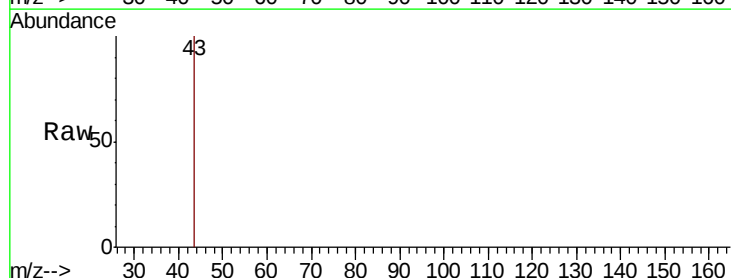
Acq: 15 May 2019 22:12

Tgt Ion: 43 Resp: 758

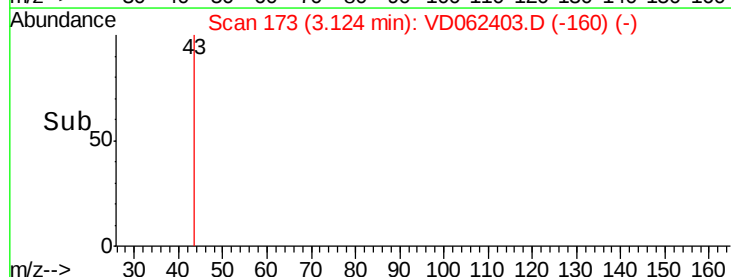
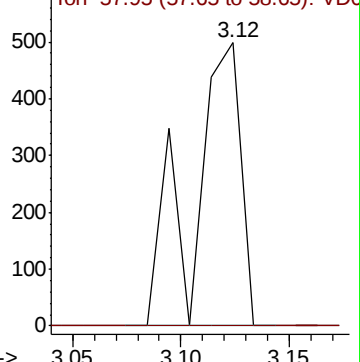
Ion Ratio Lower Upper

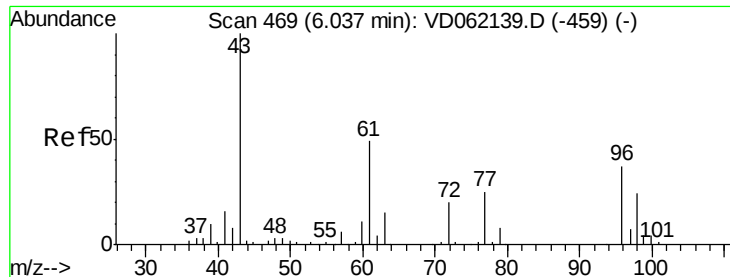
43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

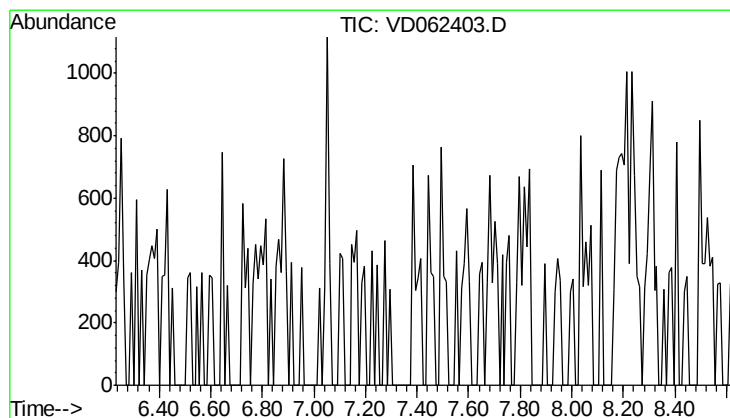
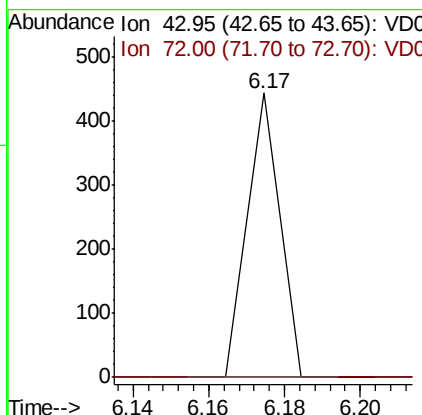
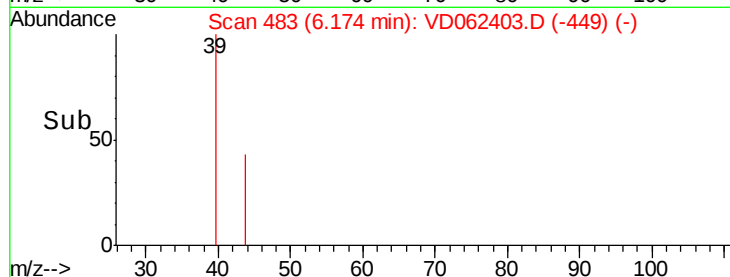
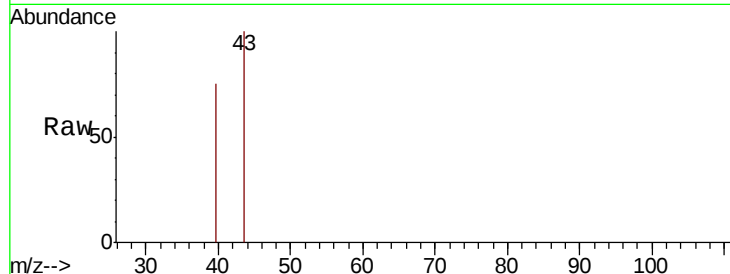




#25
 2-Butanone
 Concen: 270.881 ug/l
 RT: 6.17 min Scan# 483
 Delta R.T. 0.14 min
 Lab File: VD062403.D
 Acq: 15 May 2019 22:12

Instrument :
 MSVOA_D
 ClientSampleId :

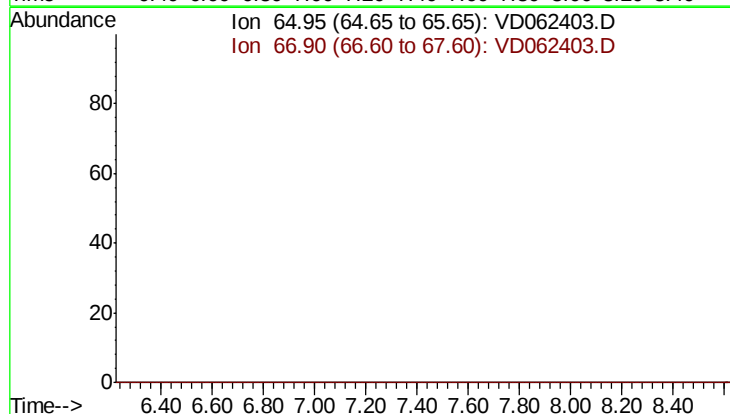
Tot Ion: 43 Resp: 262
 Ion Ratio Lower Upper
 43 100
 72 0.0 16.2 24.4#

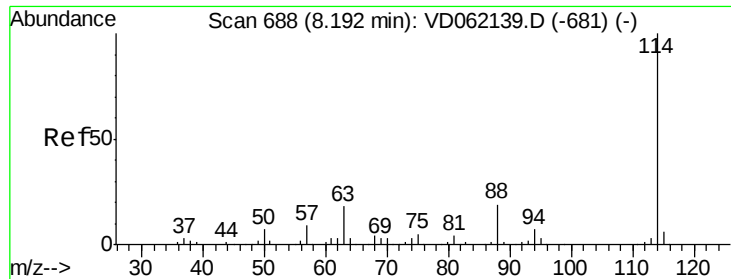


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 7.42 min

Lab File: VD062403.D
 Acq: 15 May 2019 22:12

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 49.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062403.D

Acq: 15 May 2019 22:12

Instrument :

MSVOA_D

ClientSampleId :

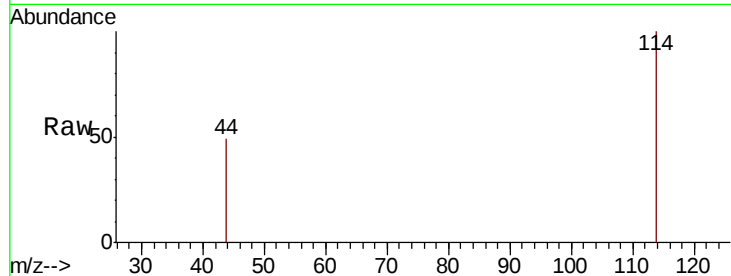
Tot Ion:114 Resp: 809

Ion Ratio Lower Upper

114 100

63 0.0 0.0 32.4

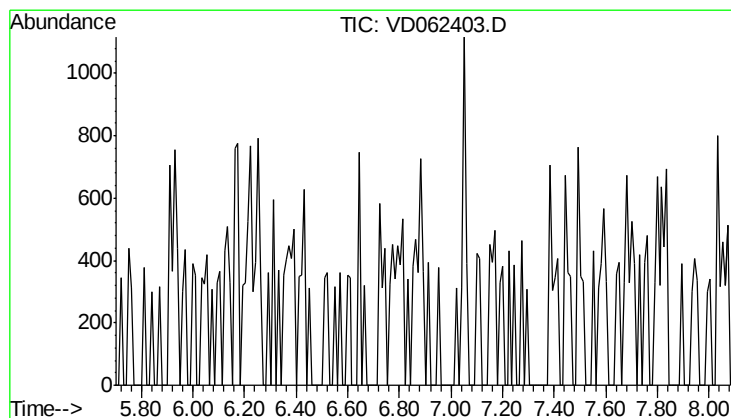
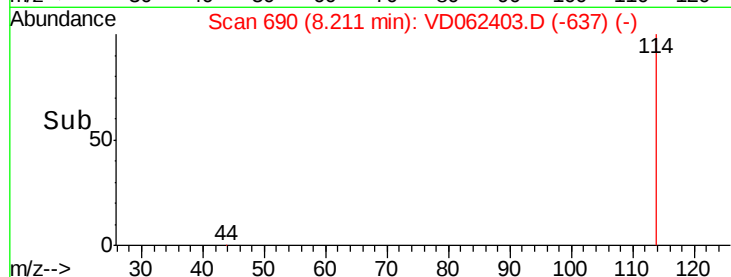
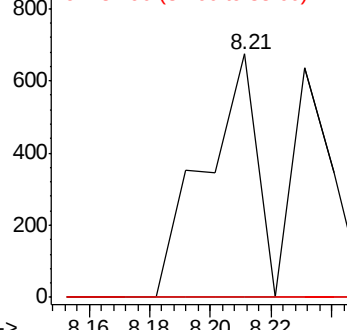
88 0.0 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 6.89 min

Lab File: VD062403.D

Acq: 15 May 2019 22:12

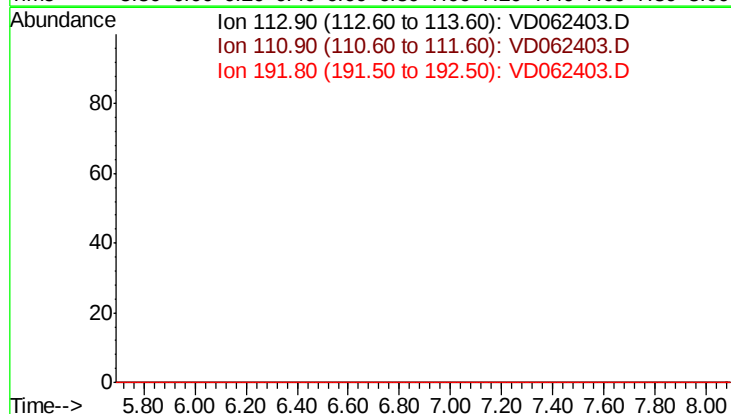
Tgt Ion: 113

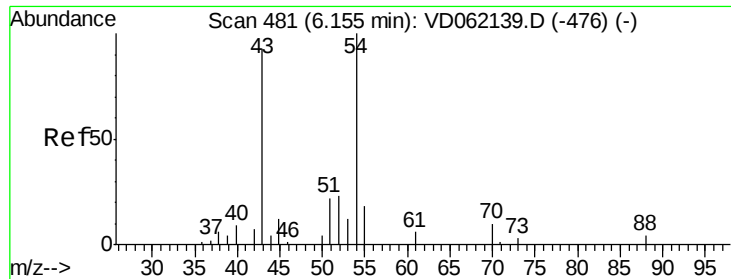
Sig Exp Ratio

113 100

111 98.1

192 16.2

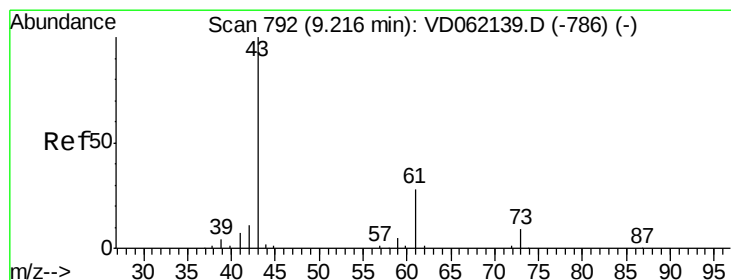
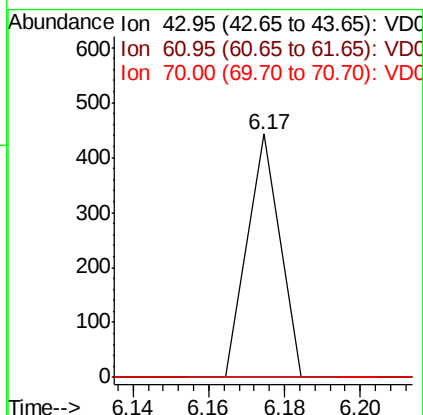
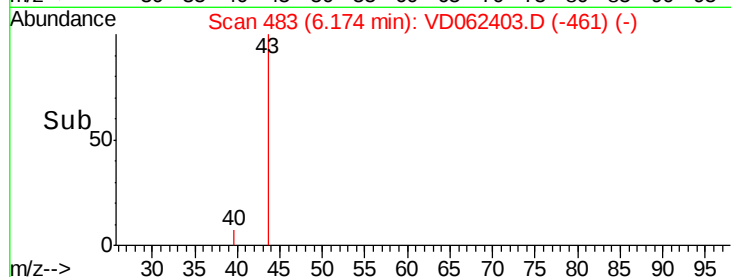
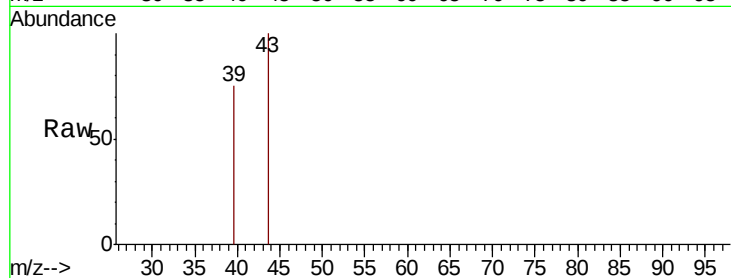




#37
Ethyl Acetate
Concen: 93.140 ug/l
RT: 6.17 min Scan# 483
Delta R.T. 0.02 min
Lab File: VD062403.D
Acq: 15 May 2019 22:12

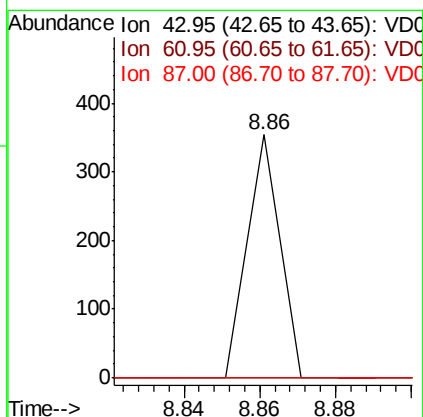
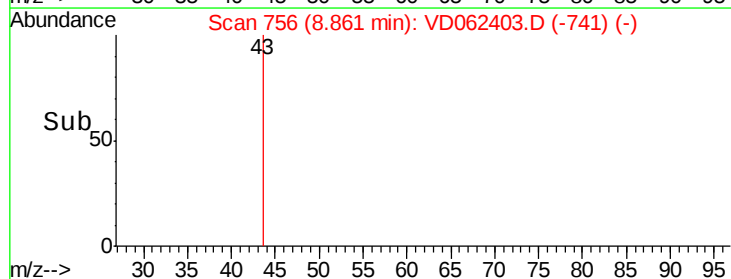
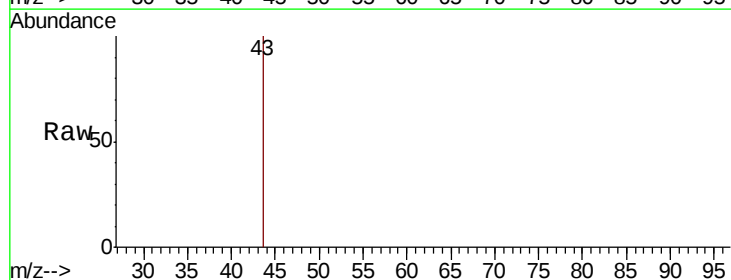
Instrument :
MSVOA_D
ClientSampleId :

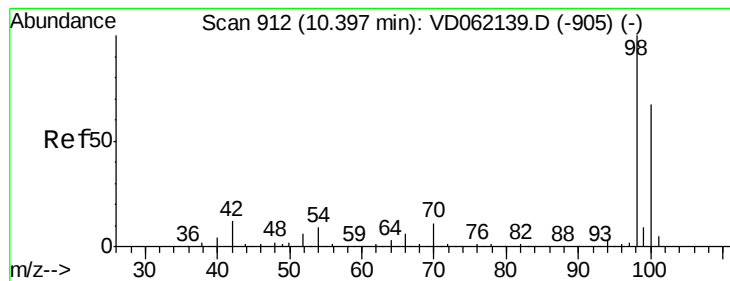
Tot Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
61 0.0 14.7 22.1#
70 0.0 7.8 11.6#



#43
Isopropyl Acetate
Concen: 52.388 ug/l
RT: 8.86 min Scan# 756
Delta R.T. -0.35 min
Lab File: VD062403.D
Acq: 15 May 2019 22:12

Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
61 0.0 25.1 37.7#
87 0.0 0.0 0.0





#50

Toluene-d8

Concen: 29.597 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062403.D

Acq: 15 May 2019 22:12

Instrument :

MSVOA_D

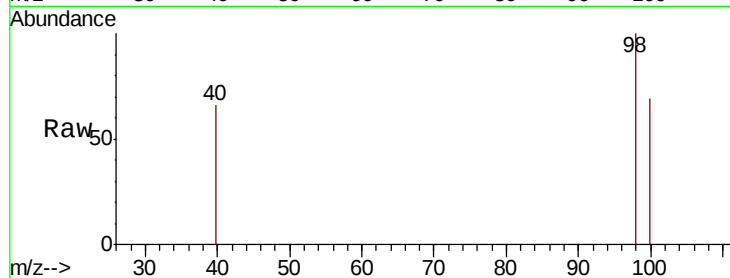
ClientSampleId :

Tot Ion: 98 Resp: 479

Ion Ratio Lower Upper

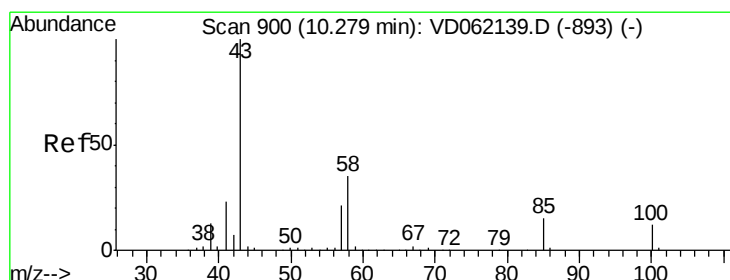
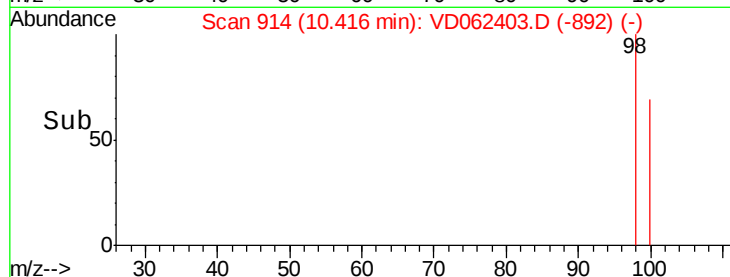
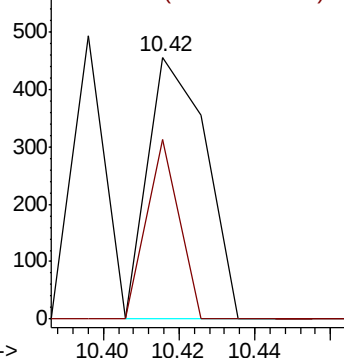
98 100

100 68.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#51

4-Methyl-2-Pentanone

Concen: 81.499 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.12 min

Lab File: VD062403.D

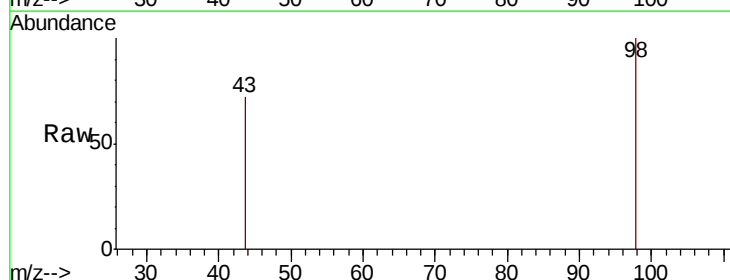
Acq: 15 May 2019 22:12

Tgt Ion: 43 Resp: 209

Ion Ratio Lower Upper

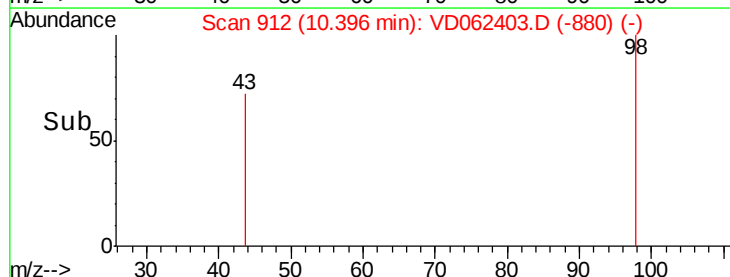
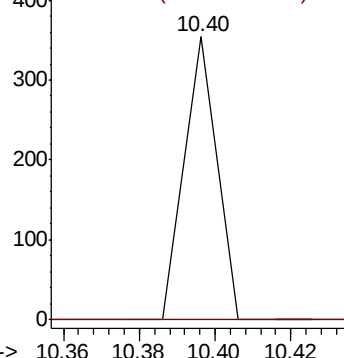
43 100

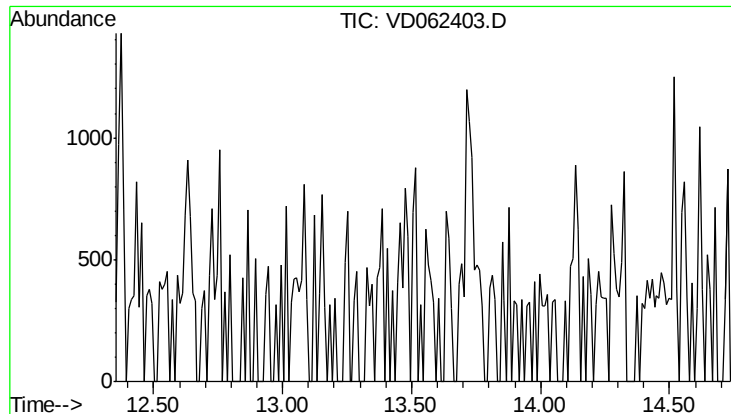
58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

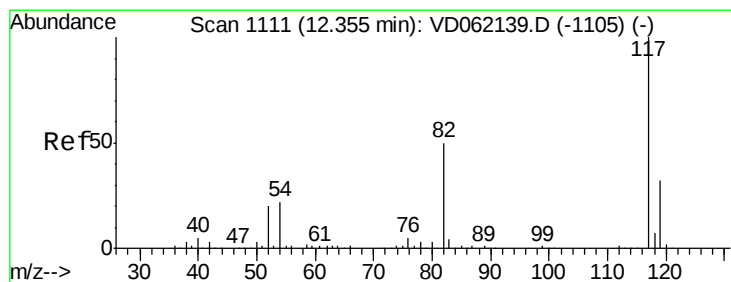
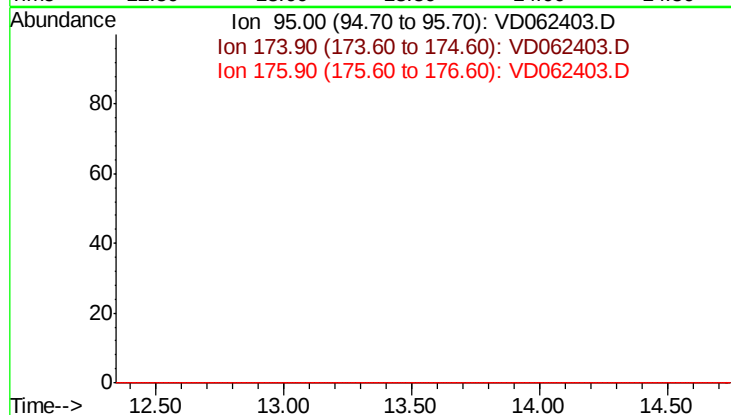




#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 13.55 min
Lab File: VD062403.D
Acq: 15 May 2019 22:12

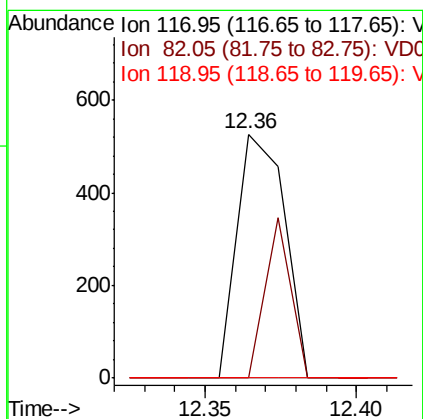
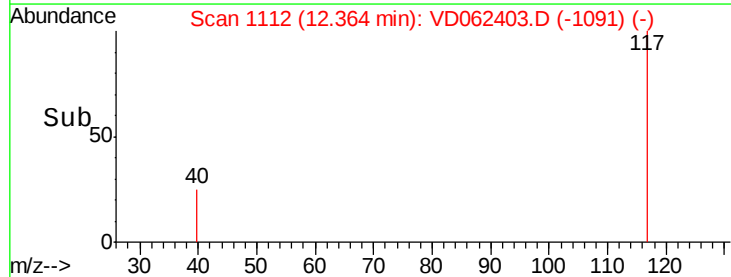
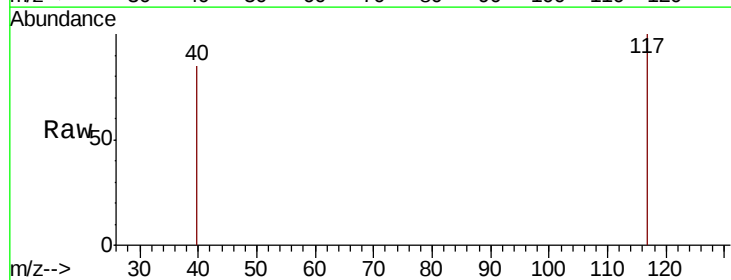
Instrument :
MSVOA_D
ClientSampleId :

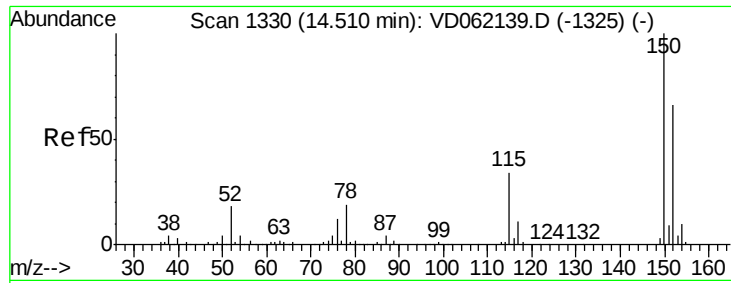
Tot Ion: 95
Sig Exp Ratio
95 100
174 90.9
176 87.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062403.D
Acq: 15 May 2019 22:12

Tgt Ion: 117 Resp: 580
Ion Ratio Lower Upper
117 100
82 0.0 36.2 54.2#
119 0.0 26.2 39.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062403.D

Acq: 15 May 2019 22:12

Instrument :

MSVOA_D

ClientSampleId :

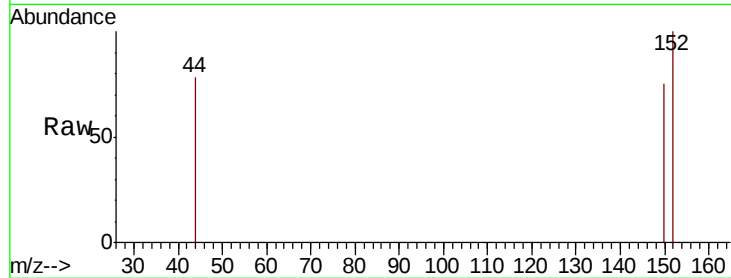
Tot Ion:152 Resp: 292

Ion Ratio Lower Upper

152 100

115 0.0 30.9 92.7#

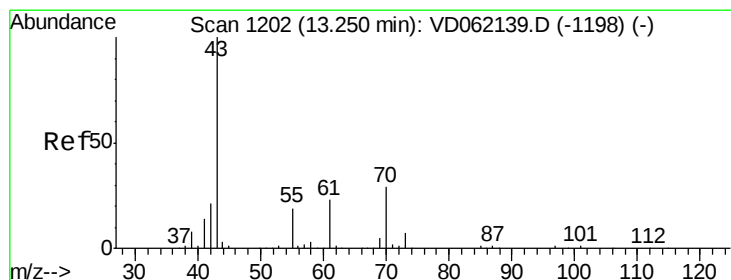
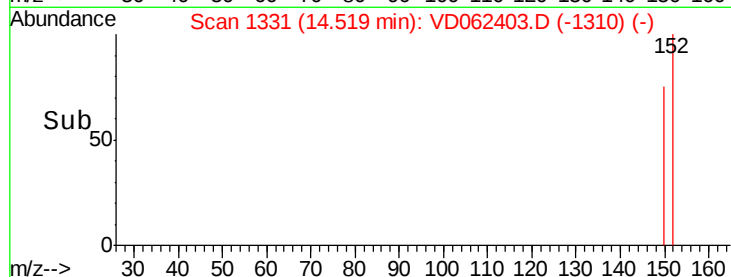
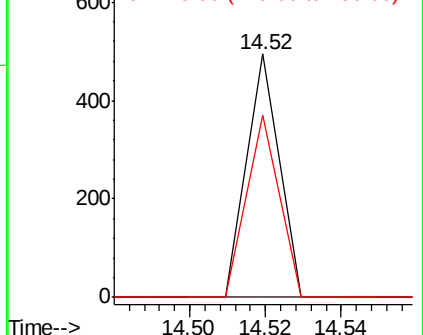
150 74.9 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 44.236 ug/l

RT: 13.60 min Scan# 1238

Delta R.T. 0.35 min

Lab File: VD062403.D

Acq: 15 May 2019 22:12

Tgt Ion: 43 Resp: 203

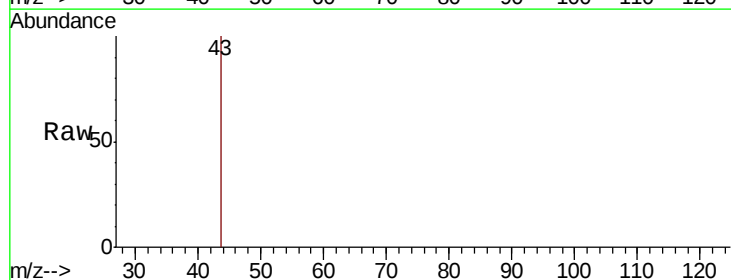
Ion Ratio Lower Upper

43 100

70 0.0 24.2 36.4#

55 0.0 16.0 24.0#

61 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

