

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063686.D
 Acq On : 20 Aug 2019 15:55
 Operator : JC/SY
 Sample : K4388-01
 Misc : 7.95µl/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B3-(0)

Quant Time: Aug 21 03:51:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	184	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-8.24
63) Chlorobenzene-d5	12.36	117	239	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-14.53

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	0.00	98	0	0.00	ug/l	
Spiked Amount				50.000		
Recovery				=	0.00%	
62) 4-Bromofluorobenzene	13.65	95	262	0.00	ug/l	0.09
Spiked Amount				50.000		
Recovery				=	0.00%	

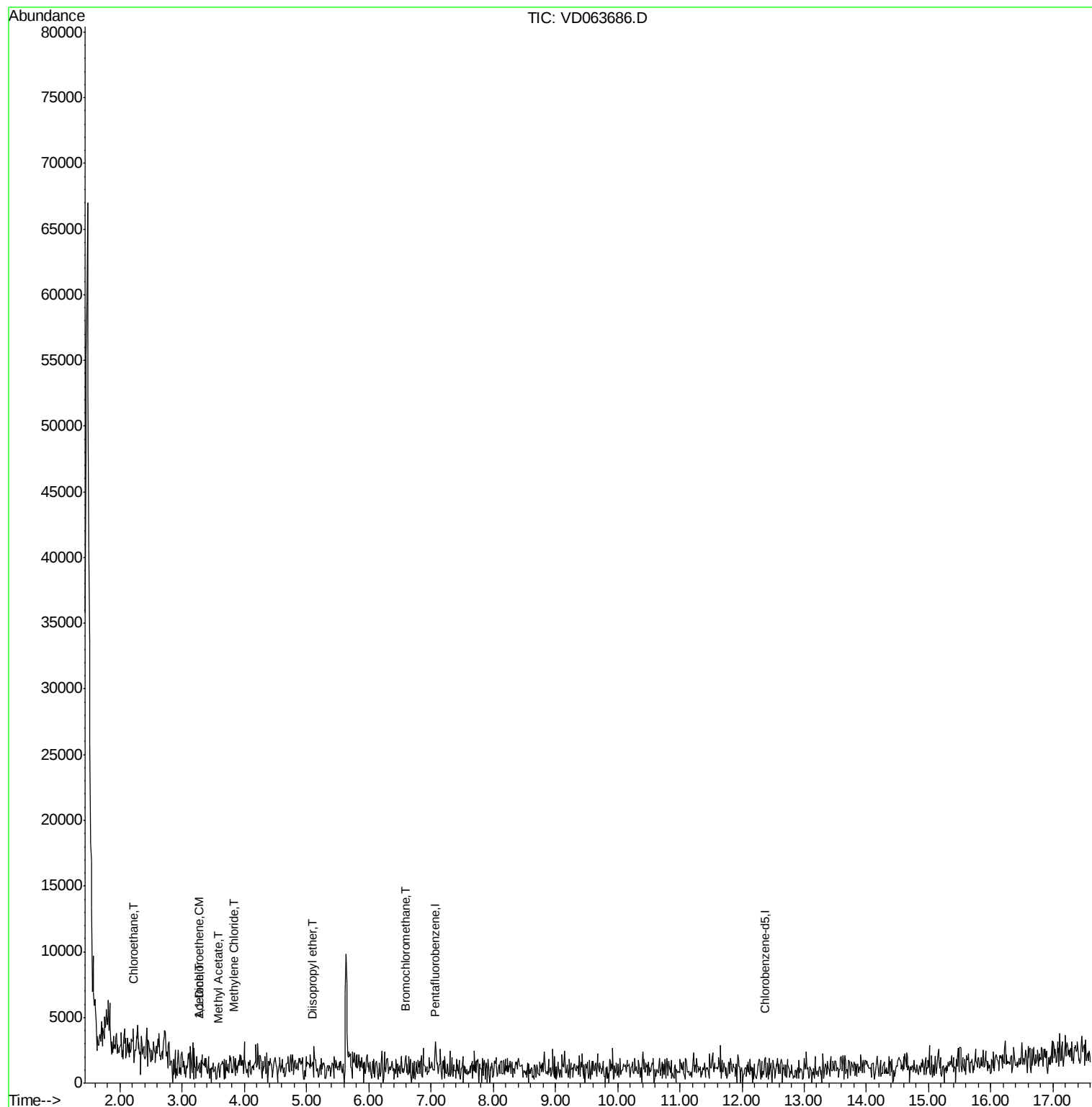
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.21	64	193	244.441	ug/l #	42
12) 1,1-Dichloroethene	3.26	96	188	126.447	ug/l #	1
16) Acetone	3.26	43	307	767.854	ug/l #	65
18) Methyl Acetate	3.56	43	214	282.581	ug/l #	57
20) Methylene Chloride	3.84	84	394	227.896	ug/l #	5
22) Diisopropyl ether	5.08	45	188	40.762	ug/l #	33
28) Bromochloromethane	6.59	49	250	215.635	ug/l #	7

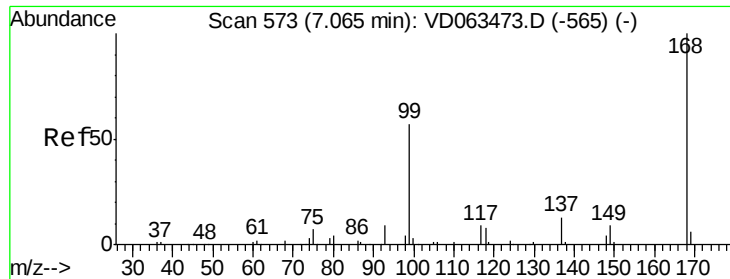
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063686.D

Acq: 20 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

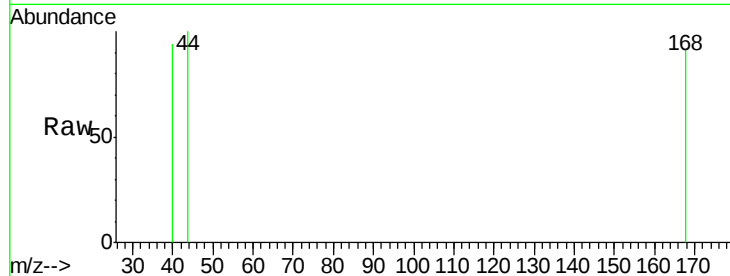
T4-B3-(0)

Tot Ion:168 Resp: 184

Ion Ratio Lower Upper

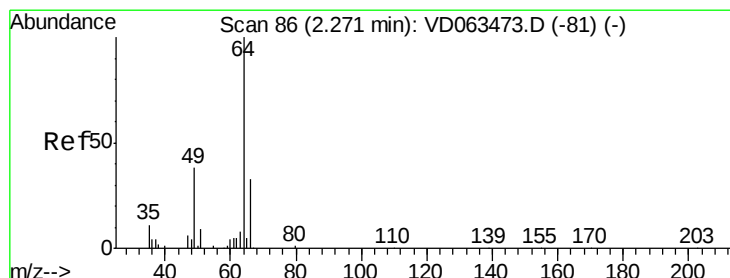
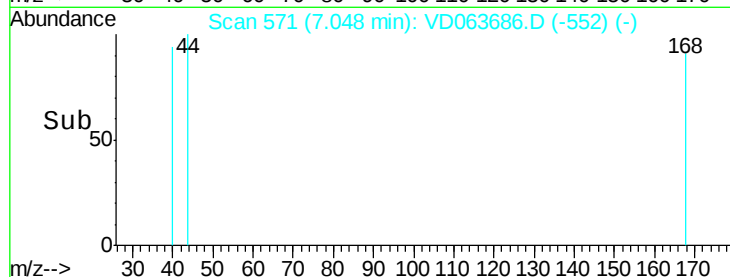
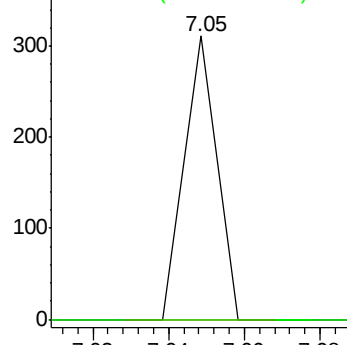
168 100

99 0.0 46.7 70.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#6

Chloroethane

Concen: 244.441 ug/l

RT: 2.21 min Scan# 80

Delta R.T. -0.06 min

Lab File: VD063686.D

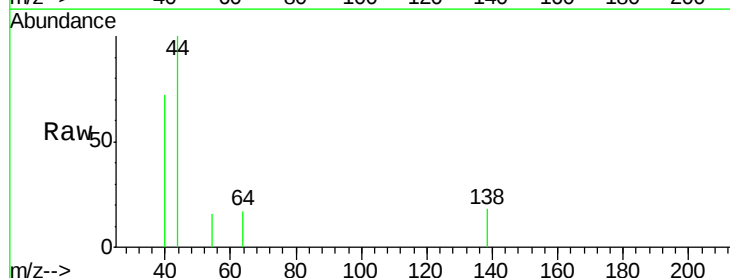
Acq: 20 Aug 2019 15:55

Tgt Ion: 64 Resp: 193

Ion Ratio Lower Upper

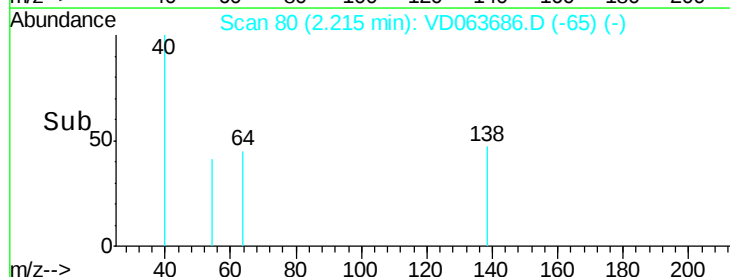
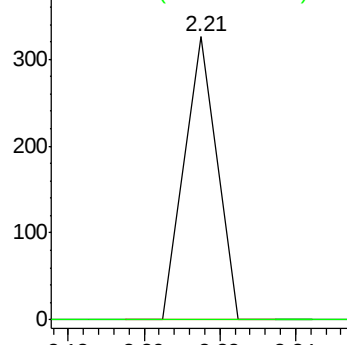
64 100

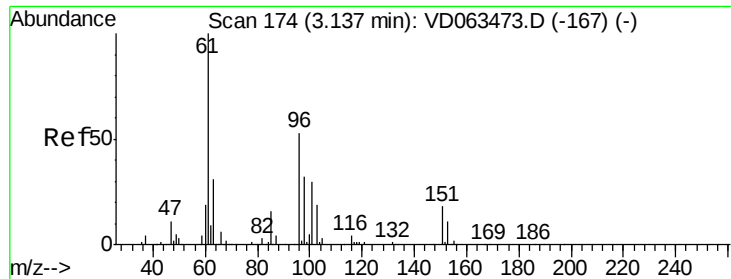
66 0.0 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

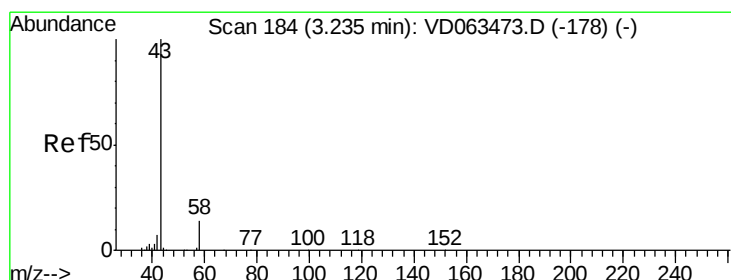
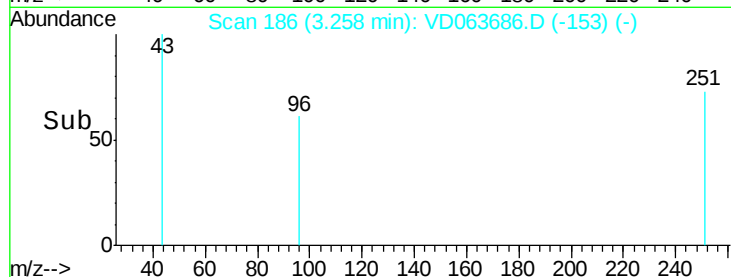
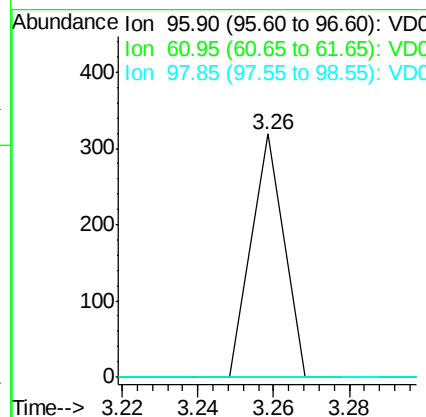
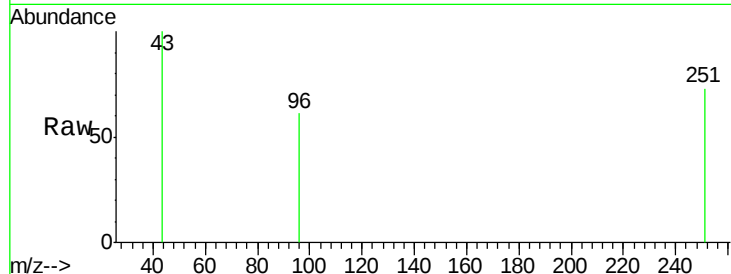




#12
 1,1-Dichloroethene
 Concen: 126.447 ug/l
 RT: 3.26 min Scan# 186
 Delta R.T. 0.12 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

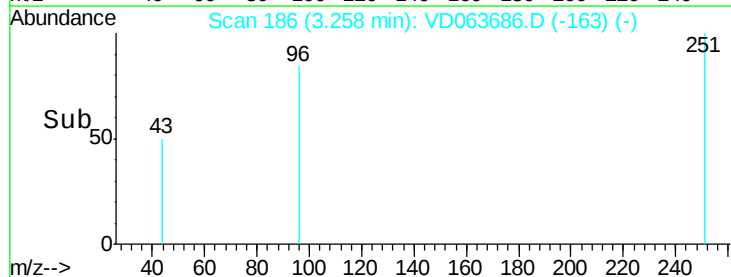
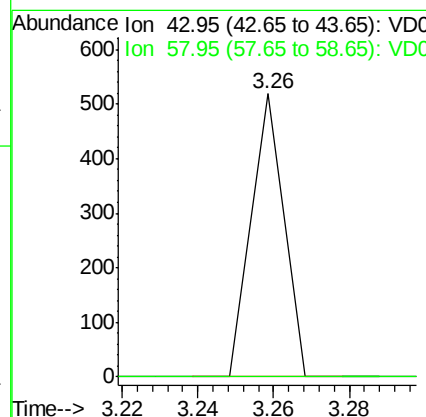
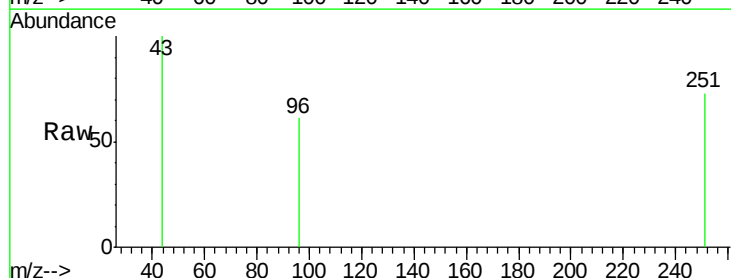
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B3-(0)

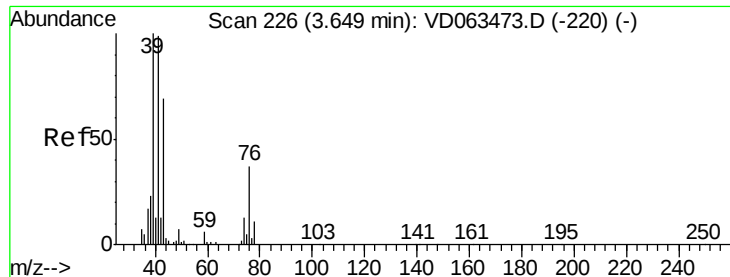
Tot Ion: 96 Resp: 188
 Ion Ratio Lower Upper
 96 100
 61 0.0 151.7 227.5#
 98 0.0 48.4 72.6#



#16
 Acetone
 Concen: 767.854 ug/l
 RT: 3.26 min Scan# 186
 Delta R.T. 0.02 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

Tgt Ion: 43 Resp: 307
 Ion Ratio Lower Upper
 43 100
 58 0.0 11.4 17.2#

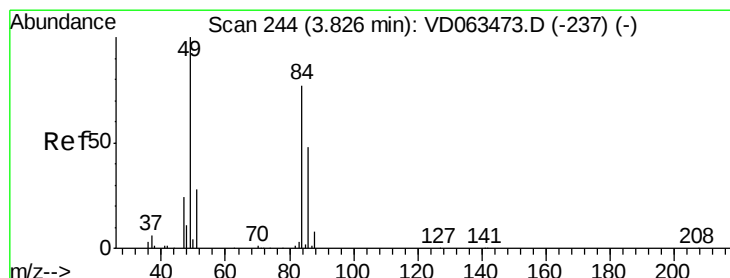
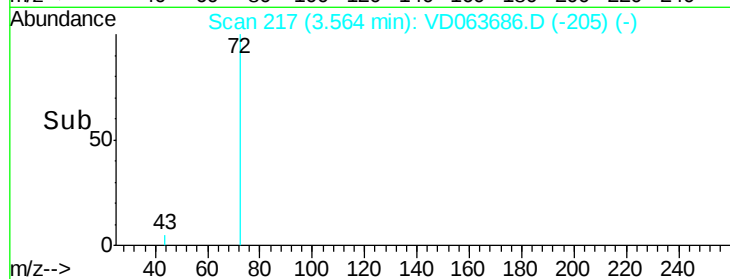
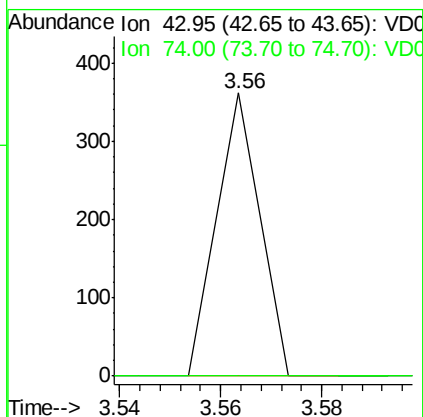
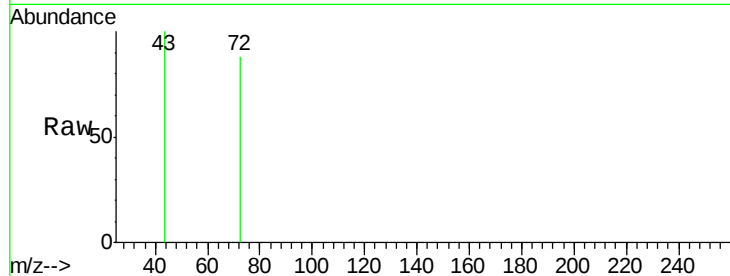




#18
Methvl Acetate
Concen: 282.581 ug/l
RT: 3.56 min Scan# 217
Delta R.T. -0.09 min
Lab File: VD063686.D
Acq: 20 Aug 2019 15:55

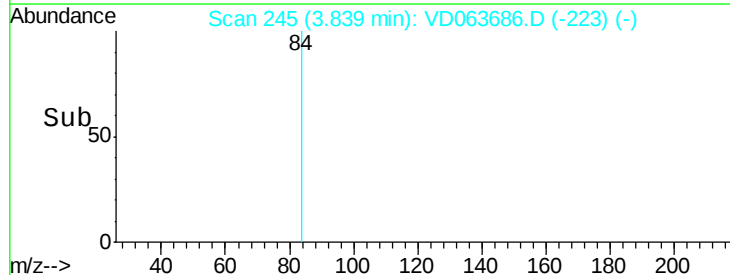
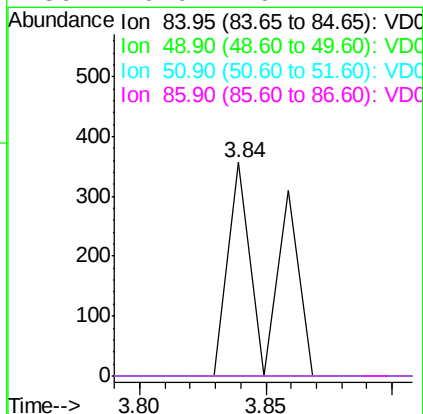
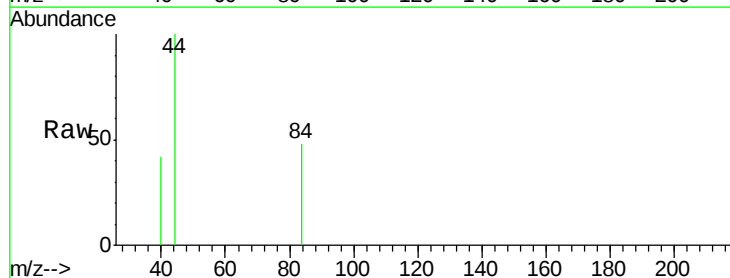
Instrument :
MSVOA_D
ClientSampleId :
T4-B3-(0)

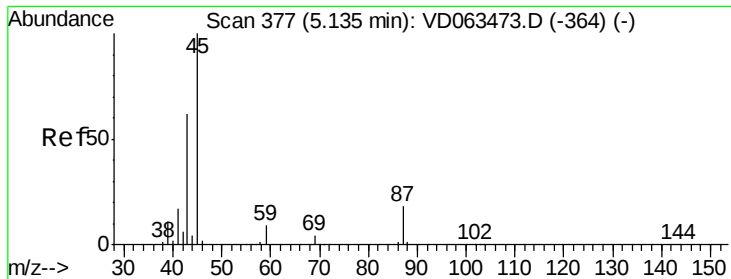
Tot Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#20
Methylene Chloride
Concen: 227.896 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD063686.D
Acq: 20 Aug 2019 15:55

Tgt Ion: 84 Resp: 394
Ion Ratio Lower Upper
84 100
49 0.0 103.4 155.2#
51 0.0 28.5 42.7#
86 0.0 49.4 74.2#





#22

Diisopropyl ether

Concen: 40.762 ug/l

RT: 5.08 min Scan# 371

Delta R.T. -0.06 min

Lab File: VD063686.D

Acq: 20 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

T4-B3-(0)

Tot Ion: 45 Resp: 188

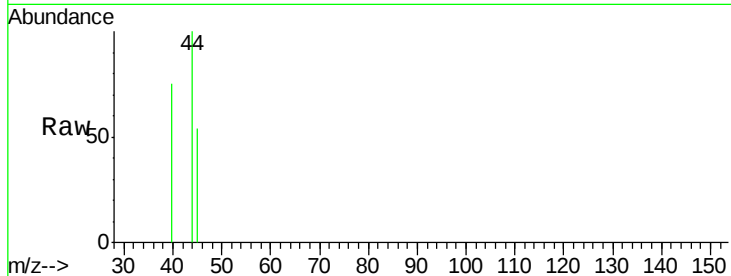
Ion Ratio Lower Upper

45 100

43 0.0 50.3 75.5#

87 0.0 14.3 21.5#

59 0.0 7.7 11.5#

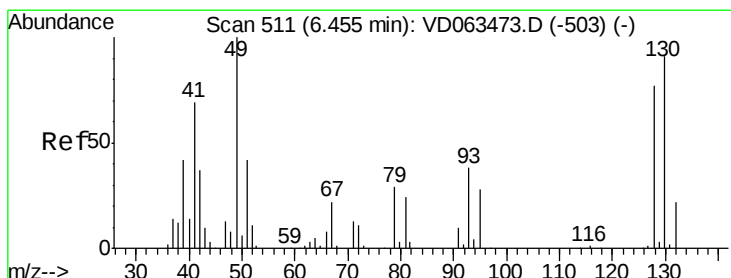
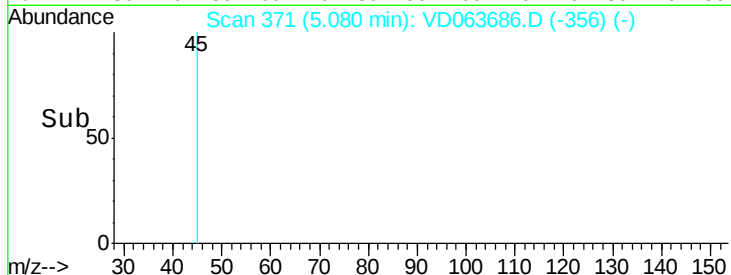
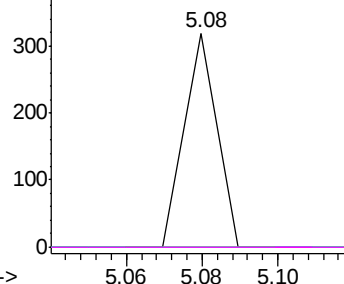


Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC



#28

Bromochloromethane

Concen: 215.635 ug/l

RT: 6.59 min Scan# 524

Delta R.T. 0.13 min

Lab File: VD063686.D

Acq: 20 Aug 2019 15:55

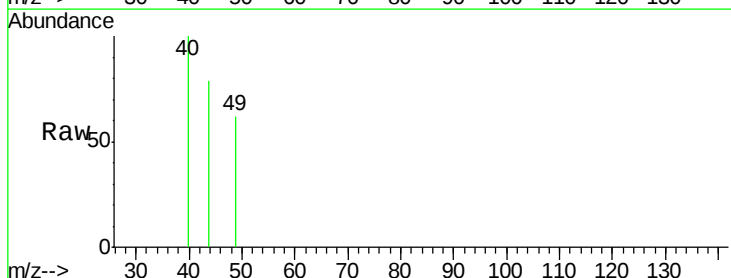
Tgt Ion: 49 Resp: 250

Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.4

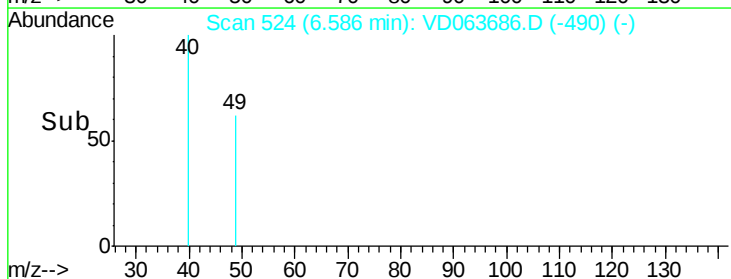
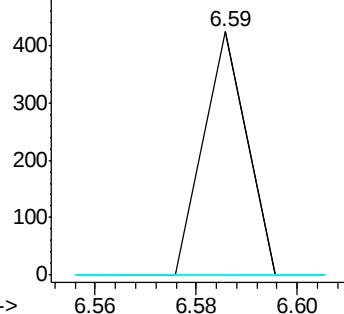
130 0.0 72.4 108.6#

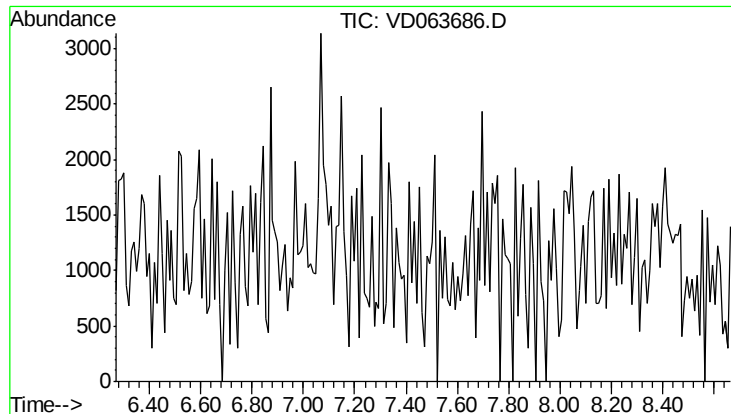


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

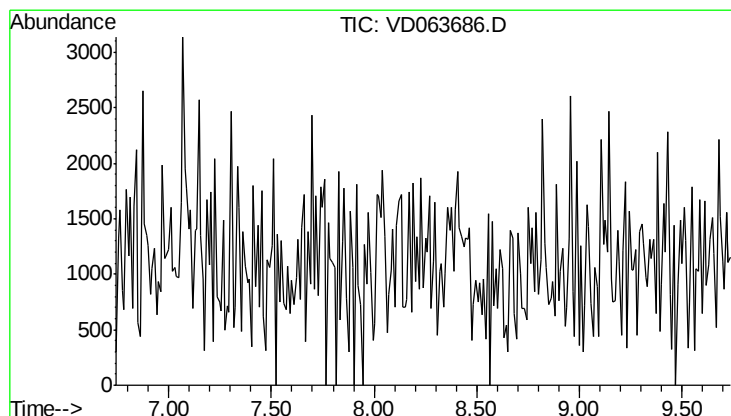
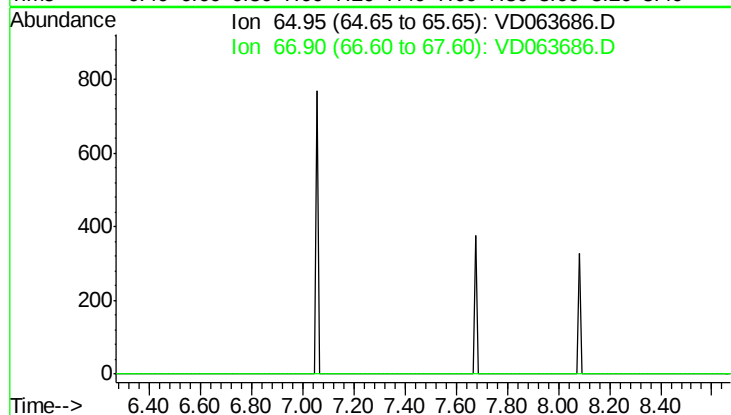




#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 7.47 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

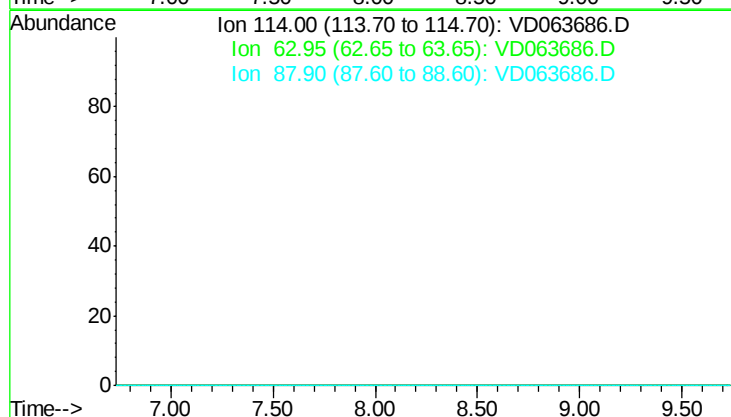
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B3-(0)

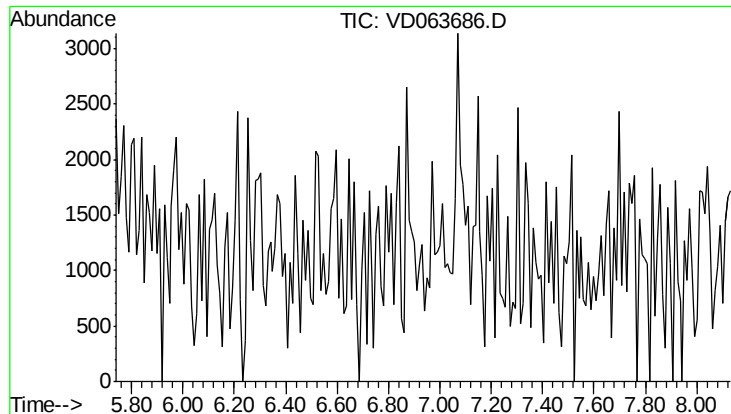
Tot Ion: 65
 Sig Exp Ratio
 65 100
 67 44.6



#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.24 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

Tgt Ion: 114
 Sig Exp Ratio
 114 100
 63 18.1
 88 17.5

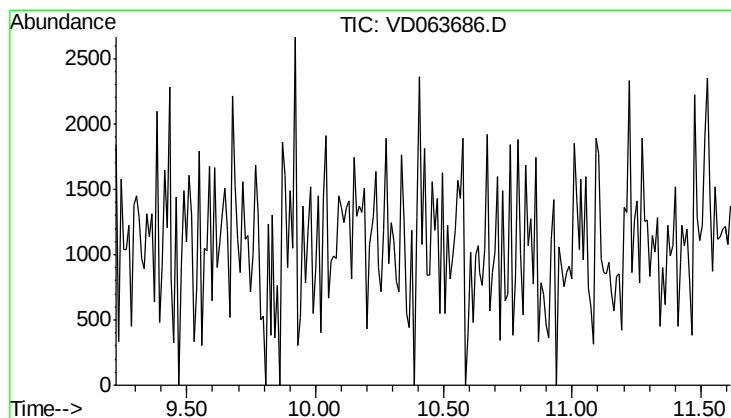
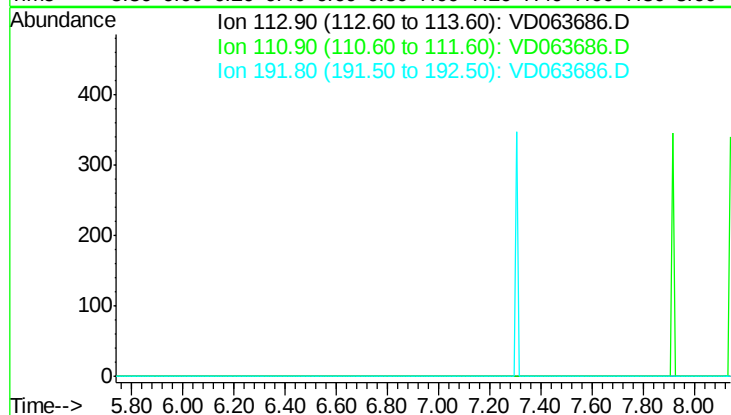




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 6.94 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

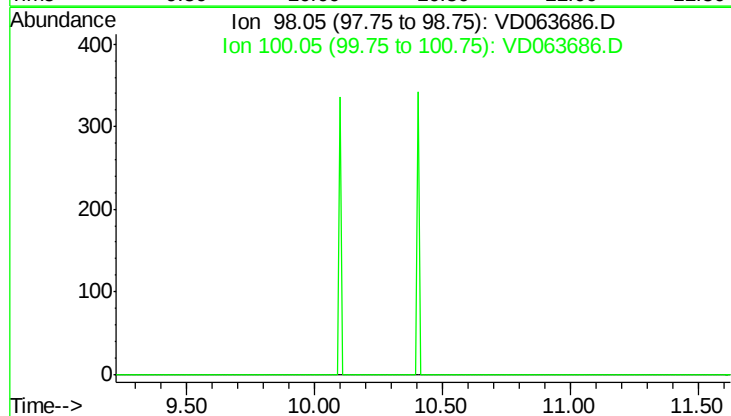
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B3-(0)

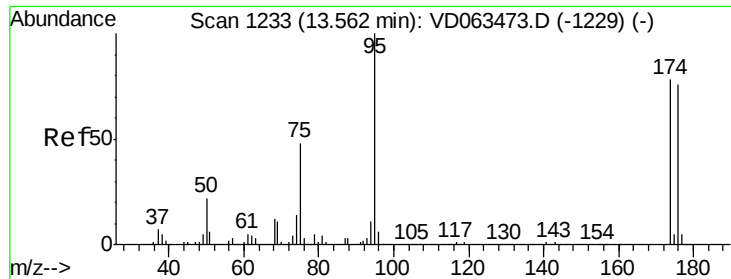
Tot Ion	113
Sig	Exp Ratio
113	100
111	103.9
192	16.4



#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.42 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

Tgt Ion	98
Sig	Exp Ratio
98	100
100	64.6

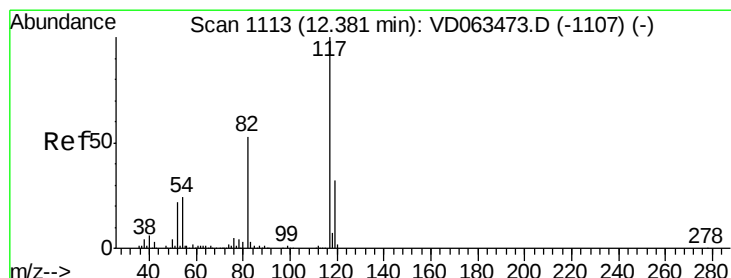
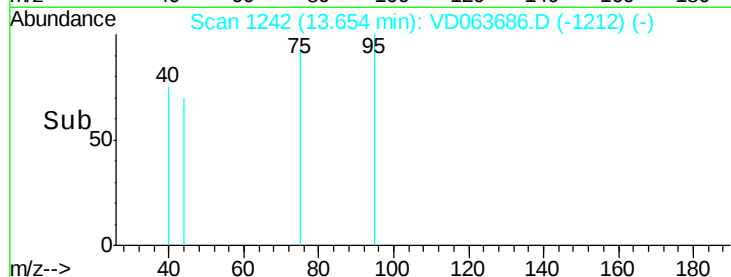
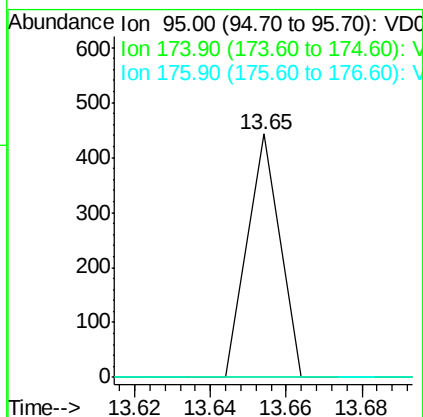
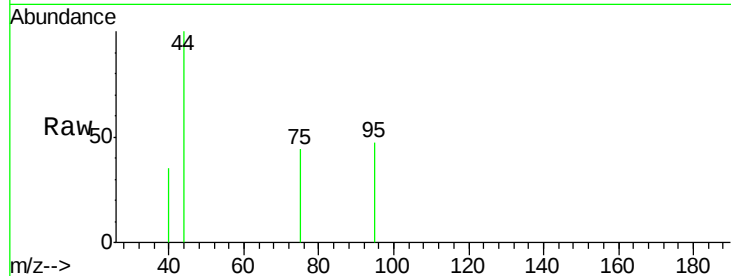




#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 13.65 min Scan# 1242
Delta R.T. 0.09 min
Lab File: VD063686.D
Acq: 20 Aug 2019 15:55

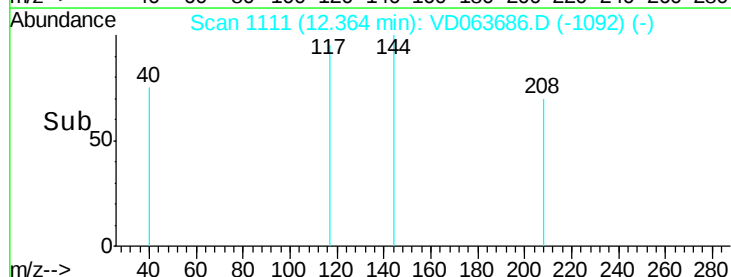
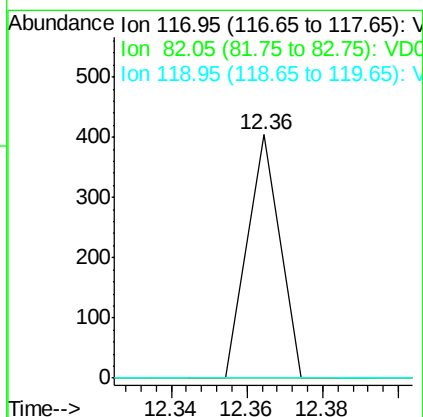
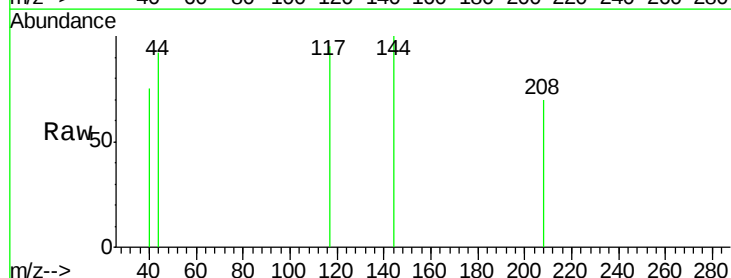
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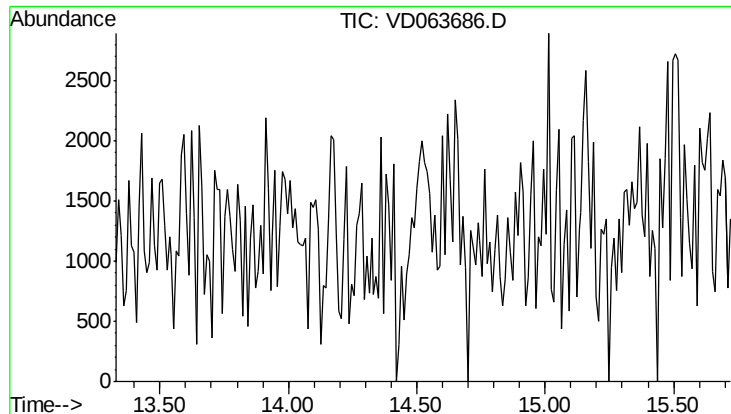
Tot Ion: 95 Resp: 262
Ion Ratio Lower Upper
95 100
174 0.0 0.0 155.4
176 0.0 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063686.D
Acq: 20 Aug 2019 15:55

Tgt Ion: 117 Resp: 239
Ion Ratio Lower Upper
117 100
82 0.0 42.0 63.0#
119 0.0 25.4 38.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 14.53 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B3-(0)

Tot Ion: 152
 Sig Exp Ratio
 152 100
 115 61.8
 150 159.3

