

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062965.D
 Acq On : 28 Jun 2019 14:47
 Operator : VA/AP
 Sample : K3509-01RE
 Misc : 4.83g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-06-062619-ARE

Quant Time: Jun 29 00:15:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.00	168	182	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.55	114	250	50.00	ug/l	0.33
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	-14.52

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	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	

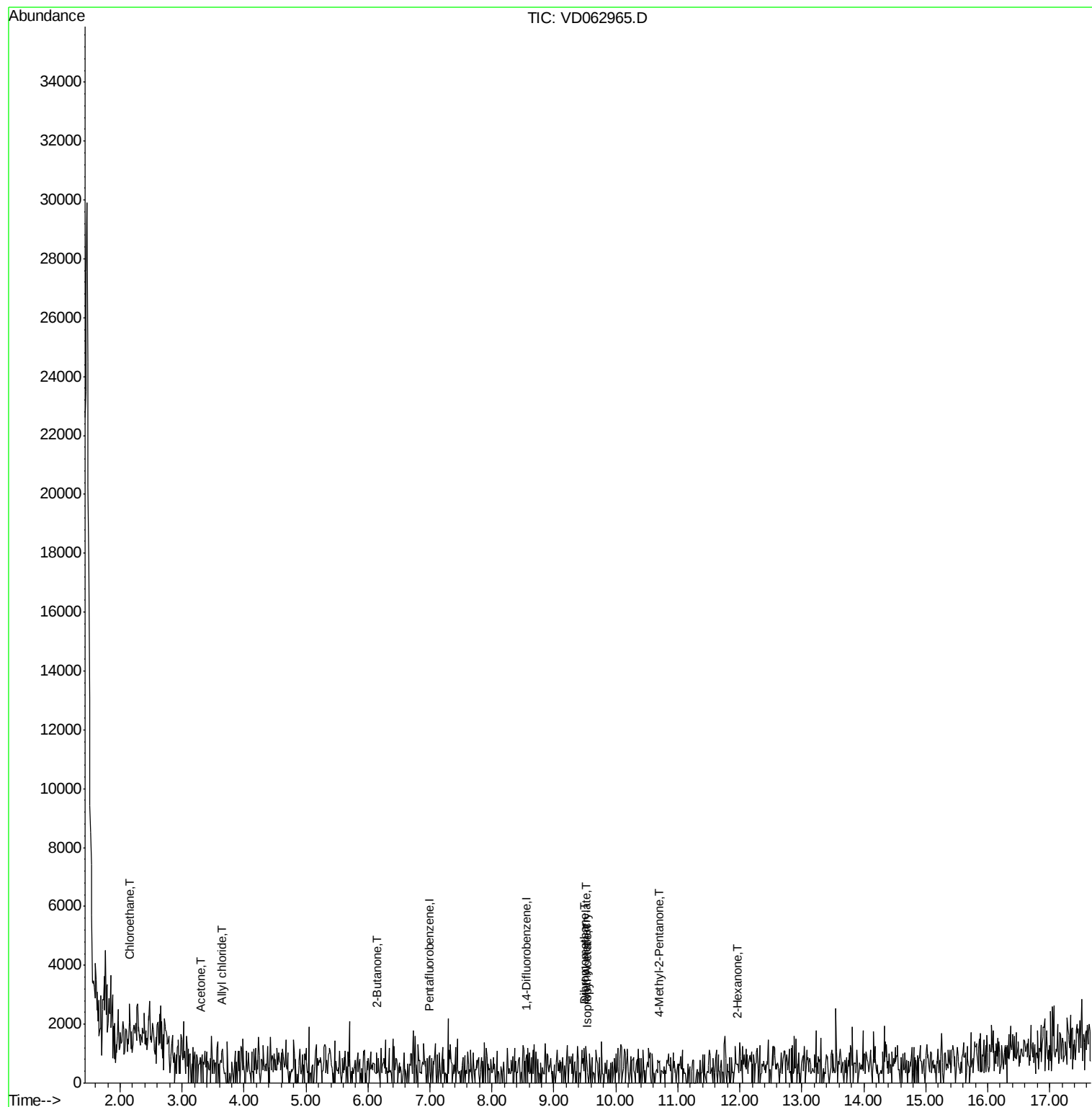
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.15	64	207	260.353	ug/l #	46
14) Allyl chloride	3.64	41	210	98.395	ug/l #	6
16) Acetone	3.29	43	196	495.421	ug/l #	64
25) 2-Butanone	6.13	43	180	486.480	ug/l #	64
43) Isopropyl Acetate	9.55	43	213	171.673	ug/l #	48
46) Dibromomethane	9.49	93	188	185.276	ug/l #	4
48) Methyl methacrylate	9.53	41	276	313.031	ug/l #	17
51) 4-Methyl-2-Pentanone	10.71	43	194	220.537	ug/l #	41
59) 2-Hexanone	11.97	43	200	319.238	ug/l #	31

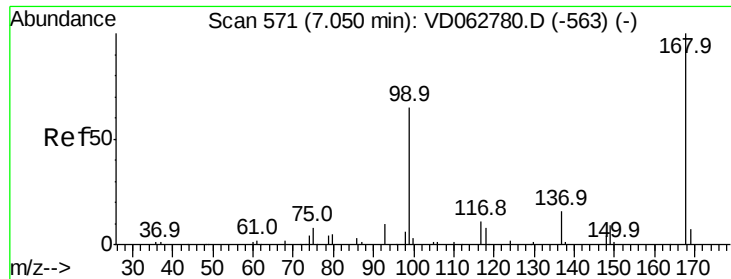
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062819\
Data File : VD062965.D
Acq On : 28 Jun 2019 14:47
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Sample : K3509-01RE
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Quant Time: Jun 29 00:15:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.00 min Scan# 566

Delta R.T. -0.05 min

Lab File: VD062965.D

Acq: 28 Jun 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

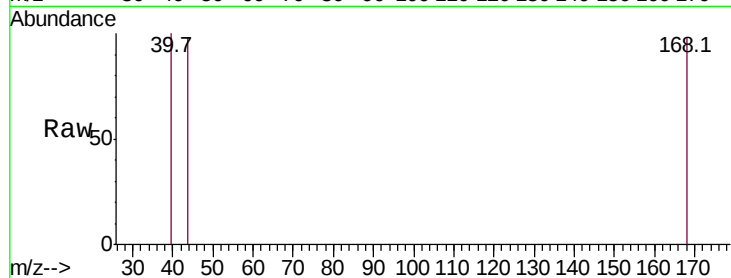
SA-06-062619-ARE

Tot Ion:168 Resp: 182

Ion Ratio Lower Upper

168 100

99 0.0 53.0 79.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.00

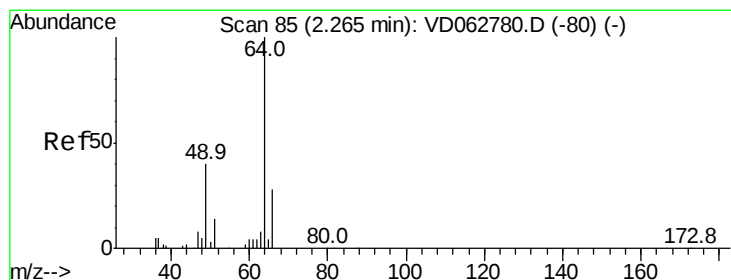
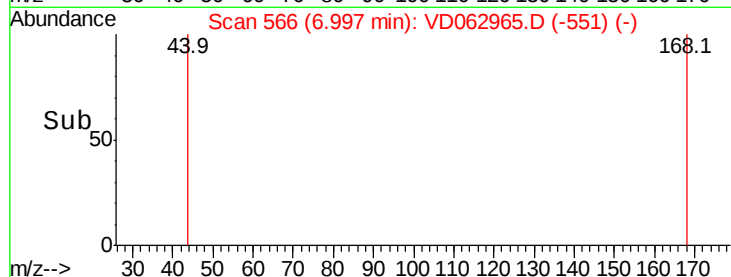
300

200

100

0

Time--> 6.96 6.98 7.00 7.02



#6

Chloroethane

Concen: 260.353 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.11 min

Lab File: VD062965.D

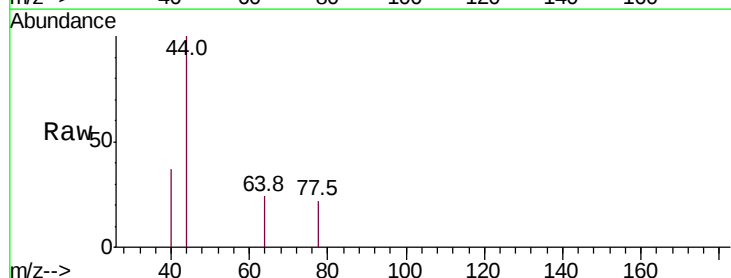
Acq: 28 Jun 2019 14:47

Tgt Ion: 64 Resp: 207

Ion Ratio Lower Upper

64 100

66 0.0 23.0 34.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.15

400

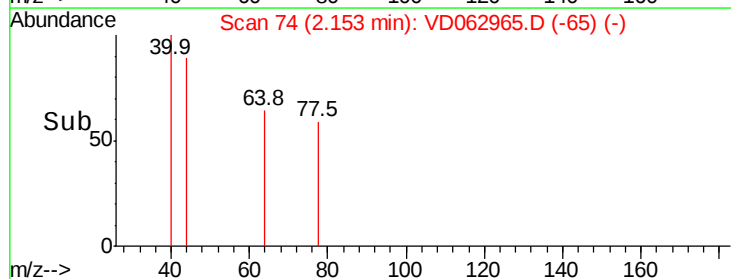
300

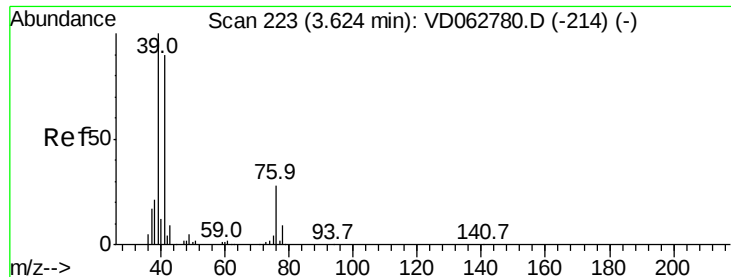
200

100

0

Time--> 2.14 2.16 2.18





#14

Allvl chloride

Concen: 98.395 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.02 min

Lab File: VD062965.D

Acq: 28 Jun 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

SA-06-062619-ARE

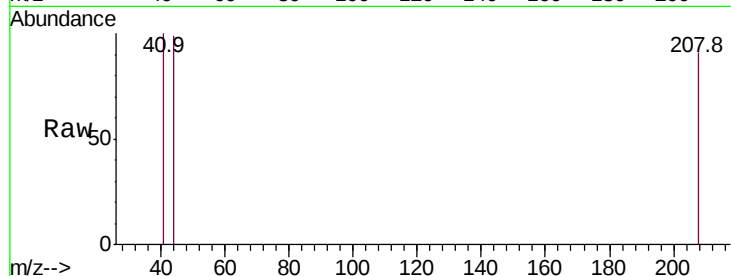
Tot Ion: 41 Resp: 210

Ion Ratio Lower Upper

41 100

39 0.0 88.8 133.2#

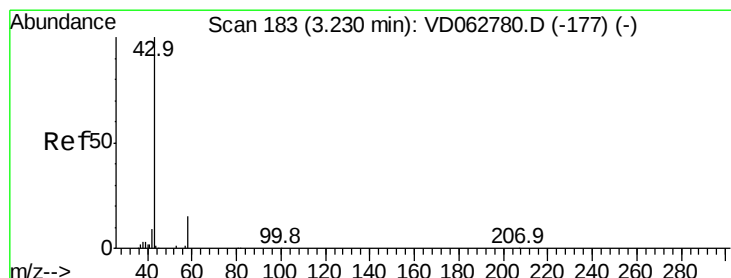
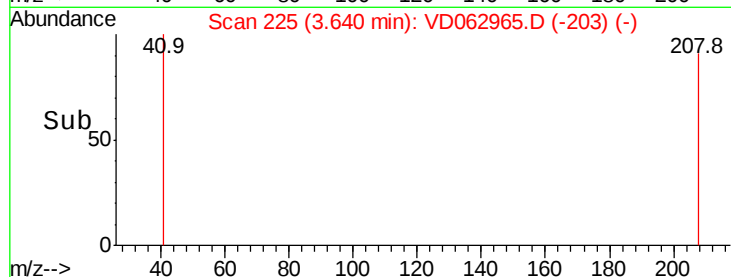
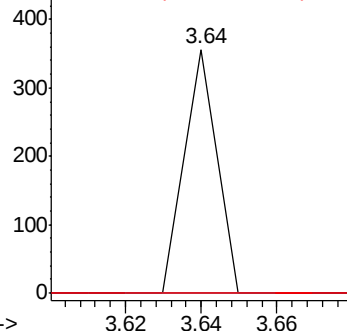
76 0.0 26.7 40.1#



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC



#16

Acetone

Concen: 495.421 ug/l

RT: 3.29 min Scan# 189

Delta R.T. 0.06 min

Lab File: VD062965.D

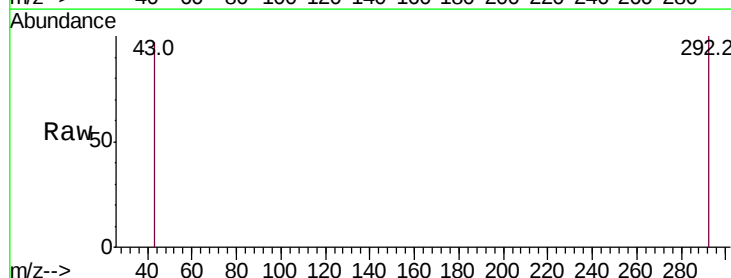
Acq: 28 Jun 2019 14:47

Tgt Ion: 43 Resp: 196

Ion Ratio Lower Upper

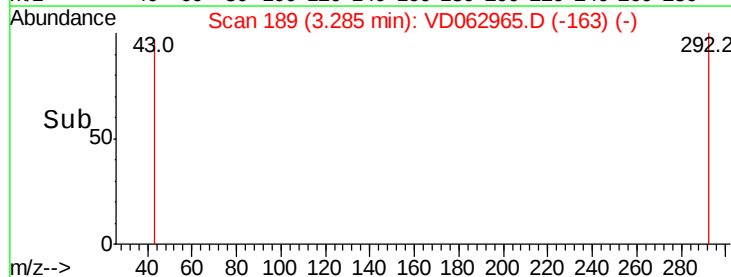
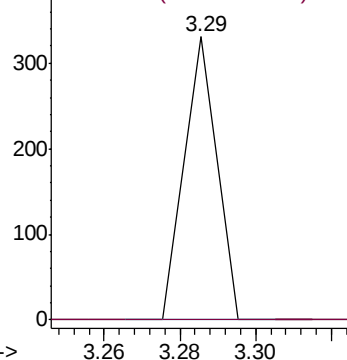
43 100

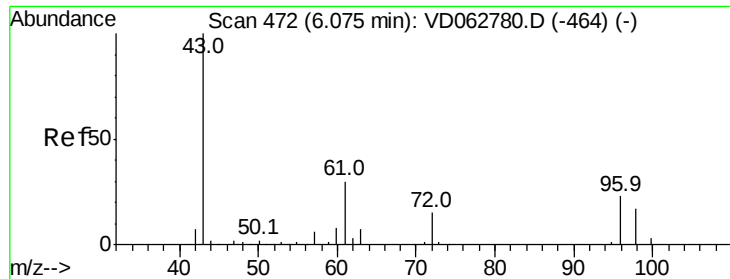
58 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 486.480 ug/l

RT: 6.13 min Scan# 478

Delta R.T. 0.06 min

Lab File: VD062965.D

Acq: 28 Jun 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

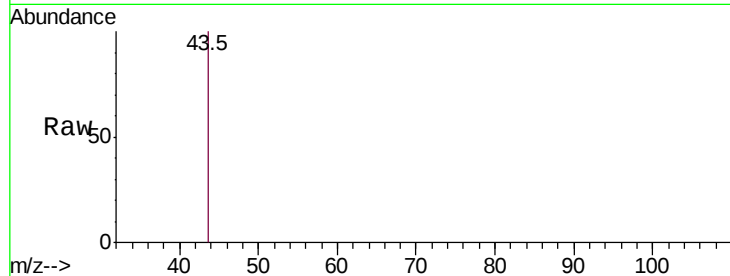
SA-06-062619-ARE

Tot Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

72 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VD062965.D

Ion 72.00 (71.70 to 72.70): VD062965.D

6.13

300

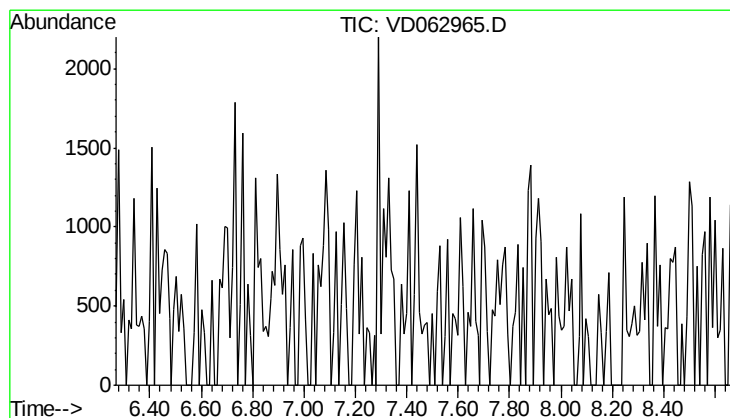
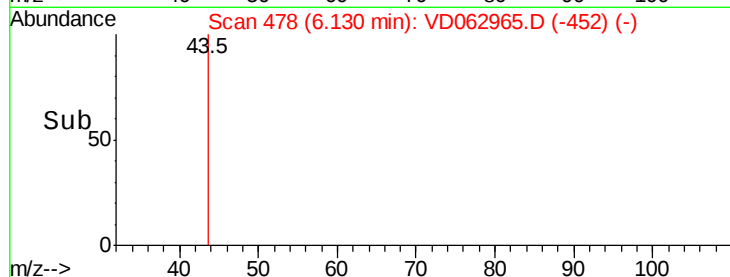
200

100

0

6.10 6.12 6.14 6.16

Time-->



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.46 min

Lab File: VD062965.D

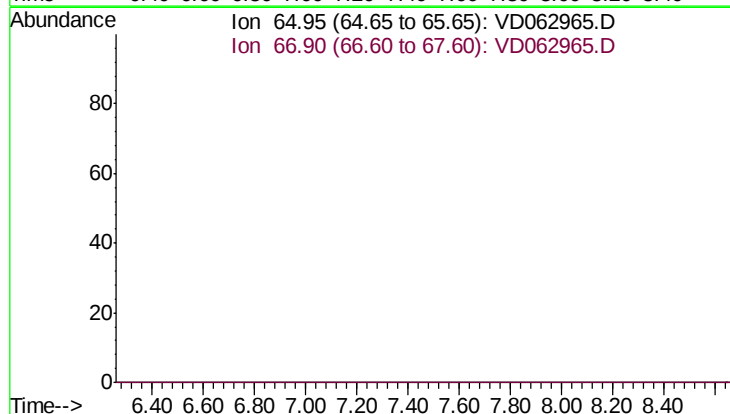
Acq: 28 Jun 2019 14:47

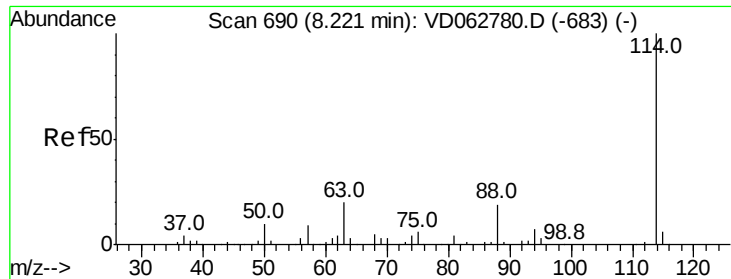
Tgt Ion: 65

Sig Exp Ratio

65 100

67 43.7

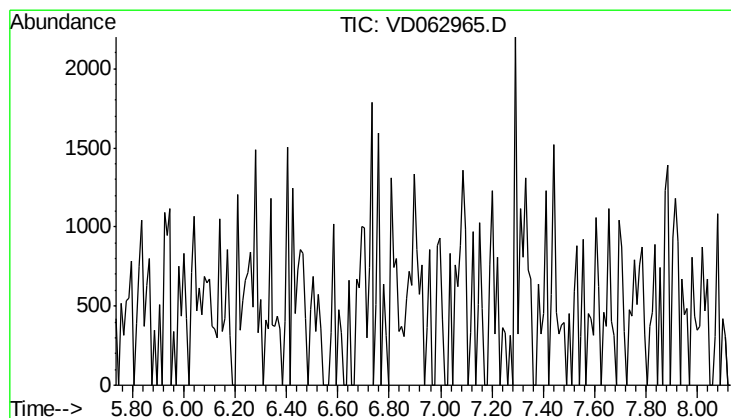
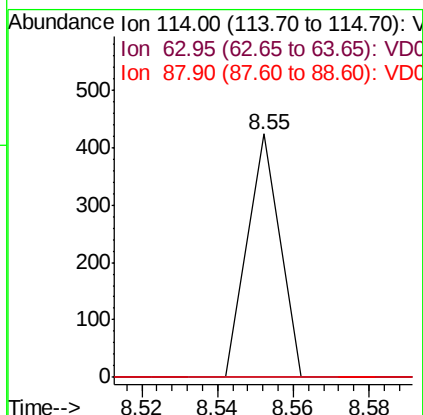
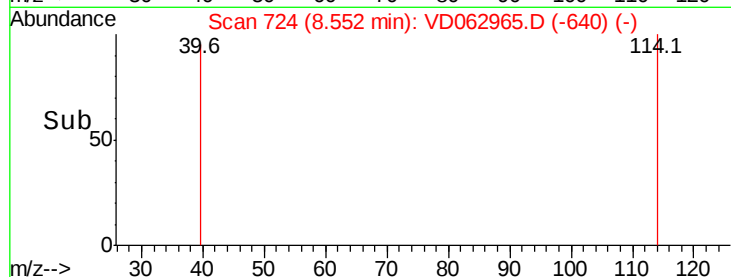
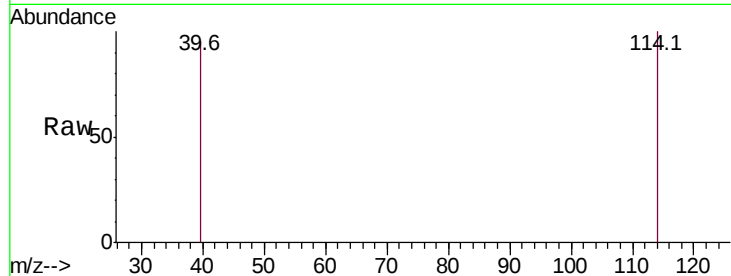




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 724
 Delta R.T. 0.33 min
 Lab File: VD062965.D
 Acq: 28 Jun 2019 14:47

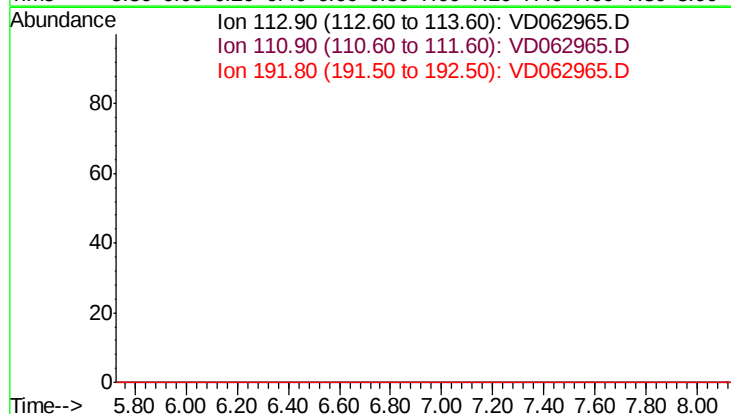
Instrument :
 MSVOA_D
 ClientSampleId :
 SA-06-062619-ARE

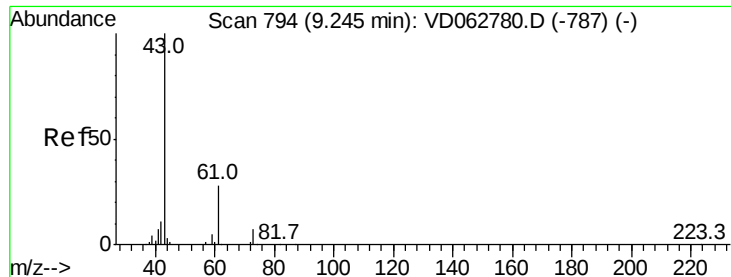
Tot Ion:114 Resp: 250
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 40.0
 88 0.0 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 6.93 min
 Lab File: VD062965.D
 Acq: 28 Jun 2019 14:47

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 101.5
 192 16.1





#43

Isopropyl Acetate

Concen: 171.673 ug/l

RT: 9.55 min Scan# 825

Delta R.T. 0.30 min

Lab File: VD062965.D

Acq: 28 Jun 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

SA-06-062619-ARE

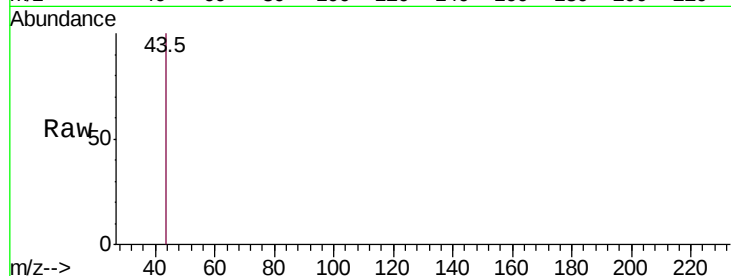
Tot Ion: 43 Resp: 213

Ion Ratio Lower Upper

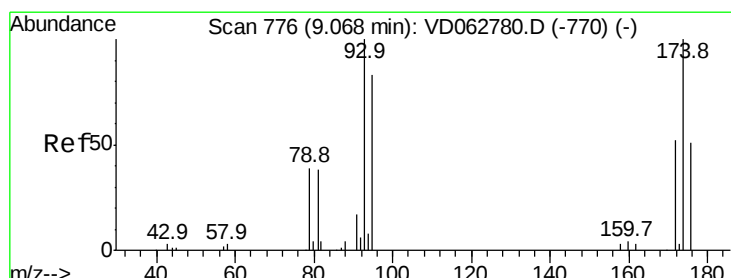
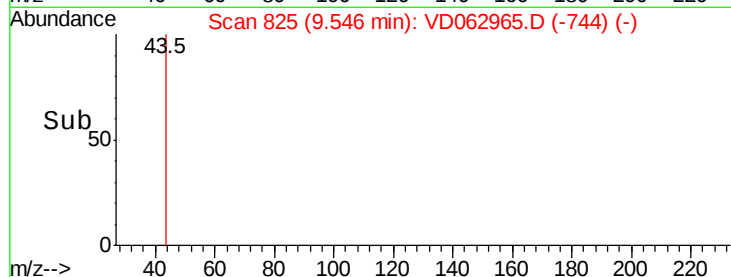
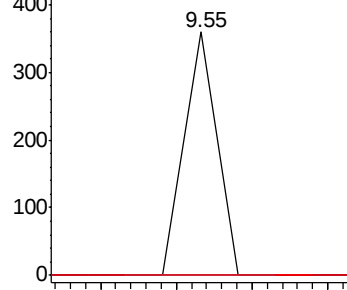
43 100

61 0.0 22.4 33.6#

87 0.0 0.3 0.5#



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



#46

Dibromomethane

Concen: 185.276 ug/l

RT: 9.49 min Scan# 819

Delta R.T. 0.42 min

Lab File: VD062965.D

Acq: 28 Jun 2019 14:47

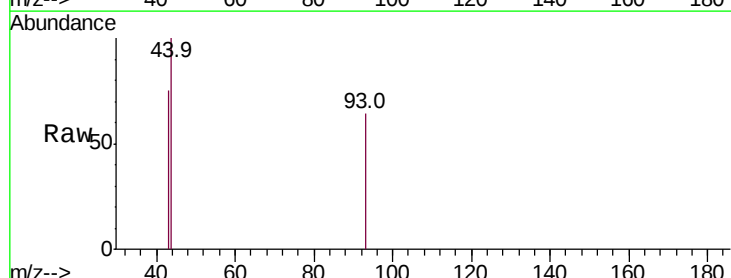
Tgt Ion: 93 Resp: 188

Ion Ratio Lower Upper

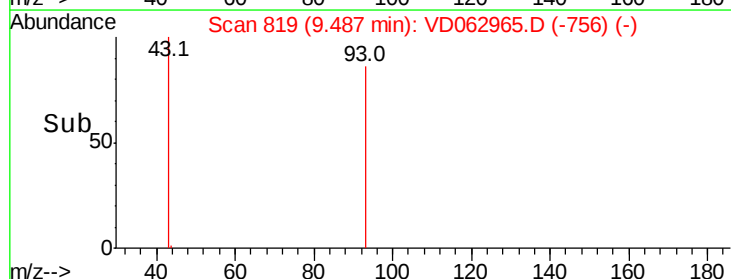
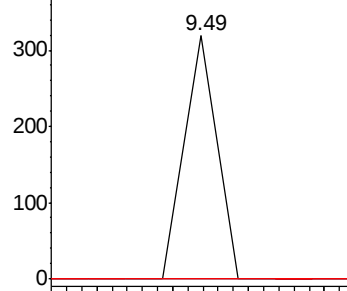
93 100

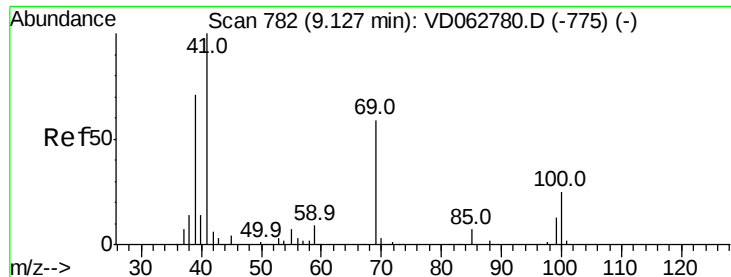
95 0.0 66.6 100.0#

174 0.0 79.7 119.5#



Abundance Ion 92.90 (92.60 to 93.60): VDC
Ion 94.90 (94.60 to 95.60): VDC
Ion 173.80 (173.50 to 174.50): V





#48

Methyl methacrylate

Concen: 313.031 ug/l

RT: 9.53 min Scan# 823

Delta R.T. 0.40 min

Lab File: VD062965.D

Acq: 28 Jun 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

SA-06-062619-ARE

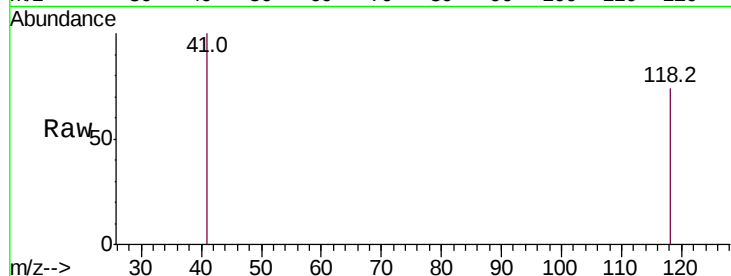
Tot Ion: 41 Resp: 276

Ion Ratio Lower Upper

41 100

69 0.0 47.2 70.8#

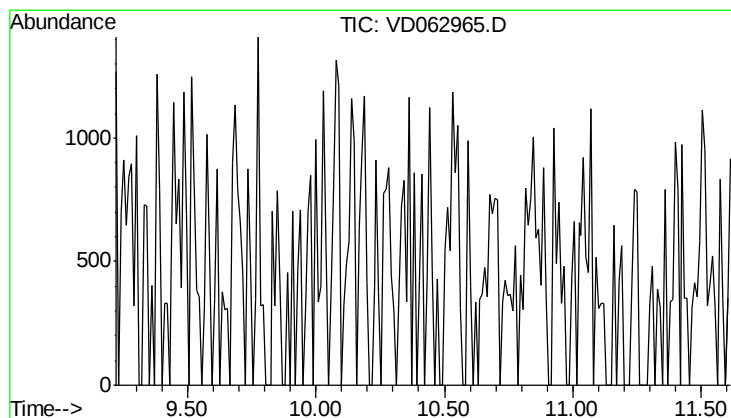
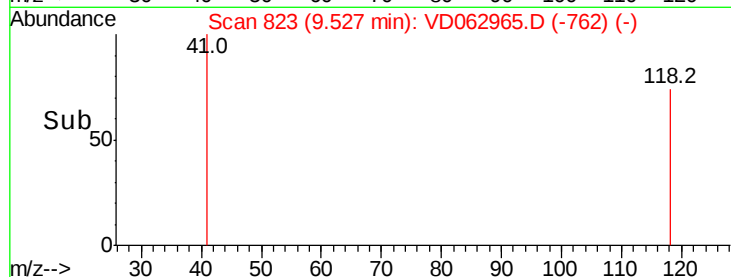
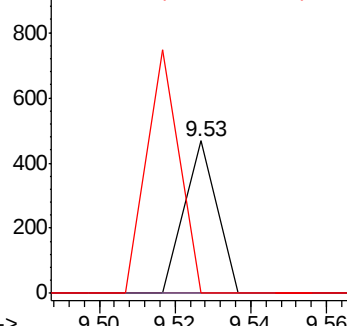
39 0.0 57.4 86.2#



Abundance Ion 40.95 (40.65 to 41.65): VD0

Ion 69.00 (68.70 to 69.70): VD0

Ion 38.95 (38.65 to 39.65): VD0



#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 10.42 min

Lab File: VD062965.D

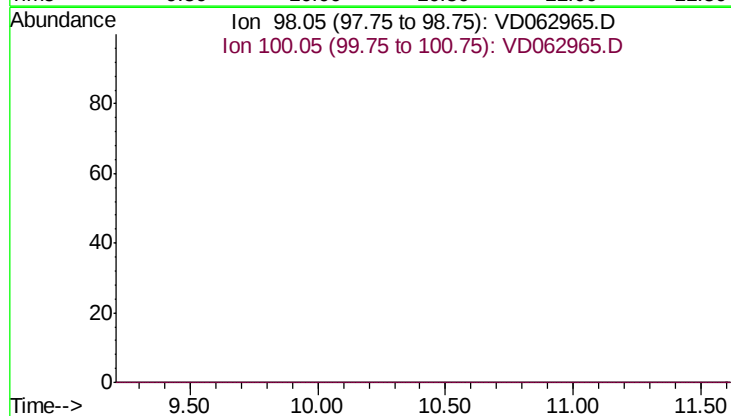
Acq: 28 Jun 2019 14:47

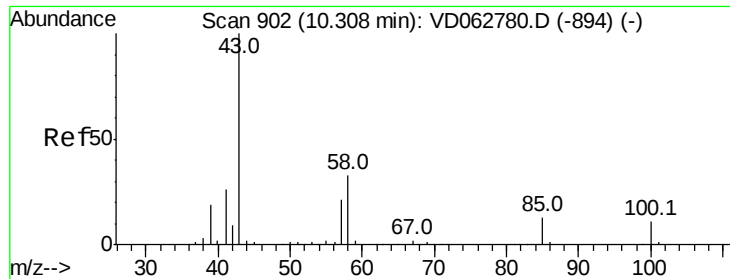
Tgt Ion: 98

Sig Exp Ratio

98 100

100 68.4





#51

4-Methyl-2-Pentanone

Concen: 220.537 ug/l

RT: 10.71 min Scan# 943

Delta R.T. 0.40 min

Lab File: VD062965.D

Acq: 28 Jun 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

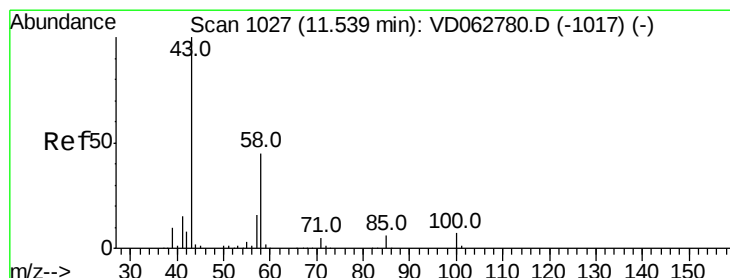
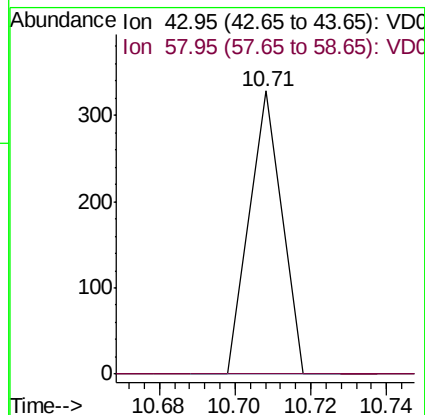
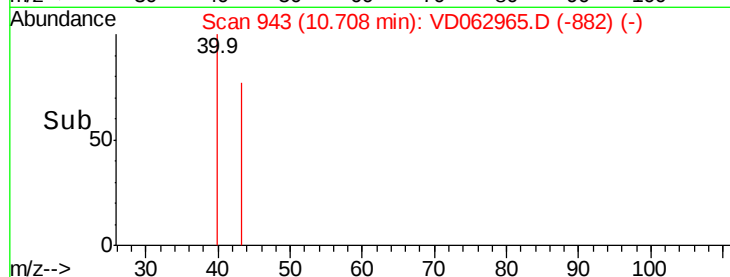
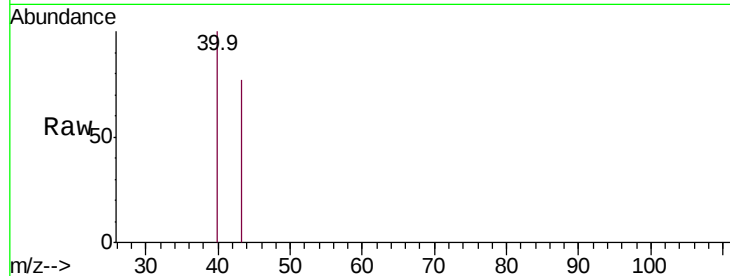
SA-06-062619-ARE

Tot Ion: 43 Resp: 194

Ion Ratio Lower Upper

43 100

58 0.0 26.6 40.0#



#59

2-Hexanone

Concen: 319.238 ug/l

RT: 11.97 min Scan# 1071

Delta R.T. 0.43 min

Lab File: VD062965.D

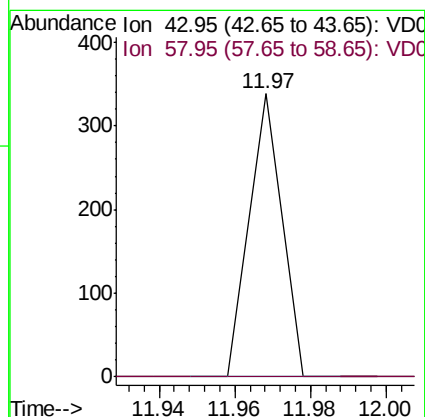
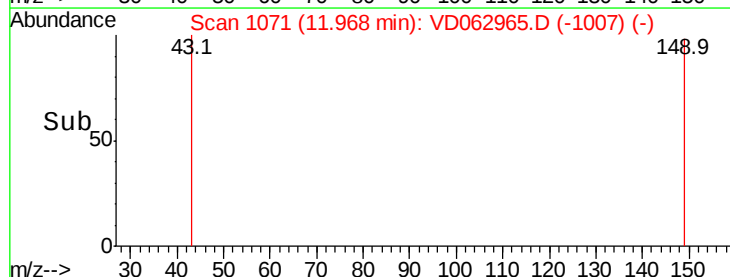
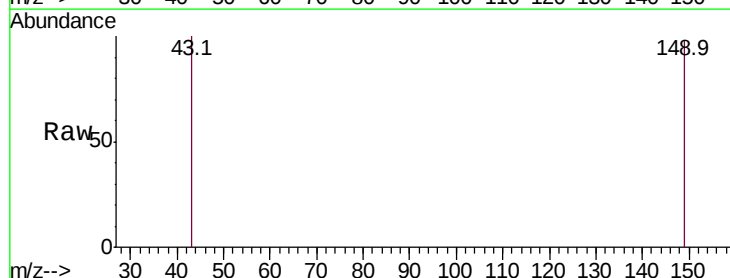
Acq: 28 Jun 2019 14:47

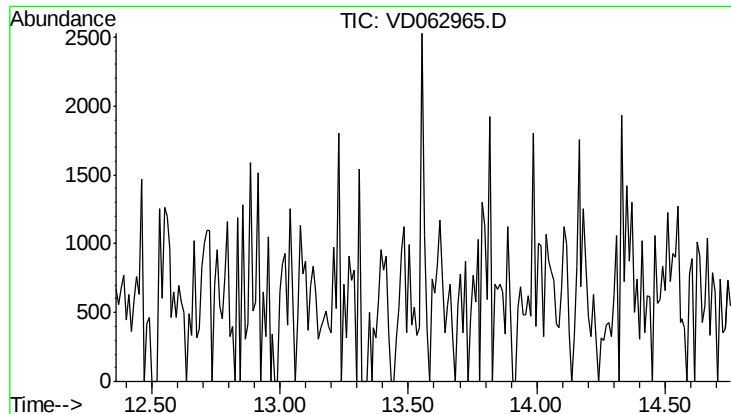
Tgt Ion: 43 Resp: 200

Ion Ratio Lower Upper

43 100

58 0.0 22.4 67.2#

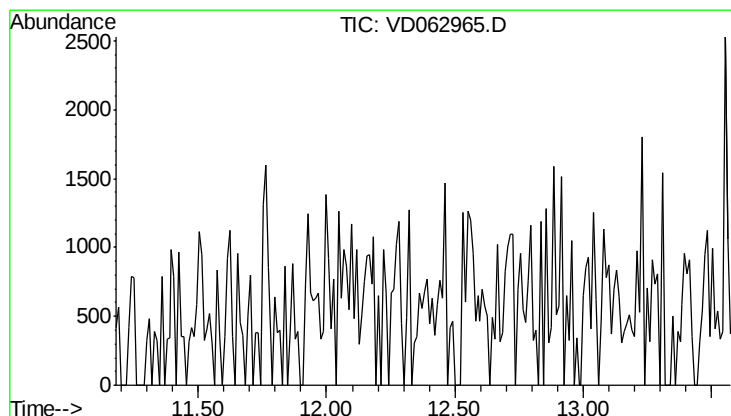
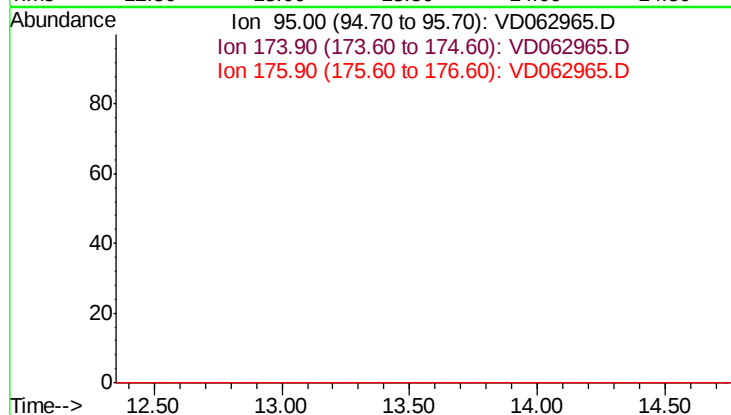




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 13.56 min
 Lab File: VD062965.D
 Acq: 28 Jun 2019 14:47

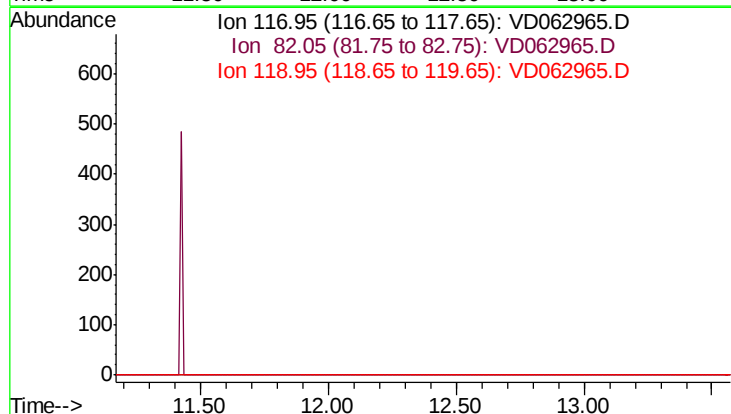
Instrument :
 MSVOA_D
 ClientSampleId :
 SA-06-062619-ARE

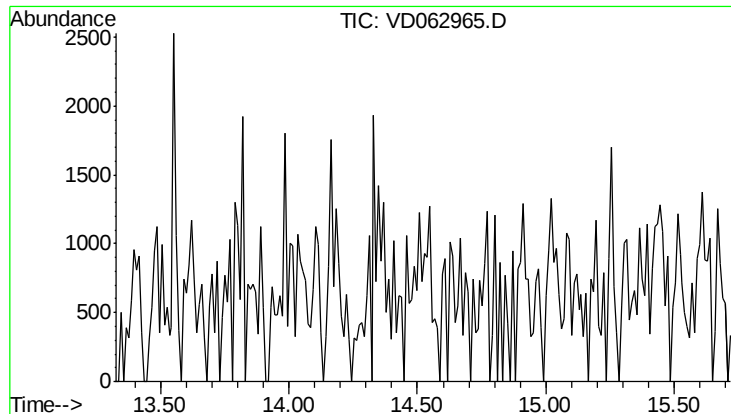
Tot Ion	95
Sig	Exp Ratio
95	100
174	79.0
176	75.8



#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 12.38 min
 Lab File: VD062965.D
 Acq: 28 Jun 2019 14:47

Tgt Ion	117
Sig	Exp Ratio
117	100
82	50.5
119	31.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 14.52 min
 Lab File: VD062965.D
 Acq: 28 Jun 2019 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-06-062619-ARE

Tot Ion	152
Sig	Exp Ratio
152	100
115	58.4
150	152.9

