

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063390.D
 Acq On : 5 Aug 2019 19:33
 Operator : VA/AP
 Sample : K4156-04RE
 Misc : 5.26g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT1873RE

Quant Time: Aug 06 07:52:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

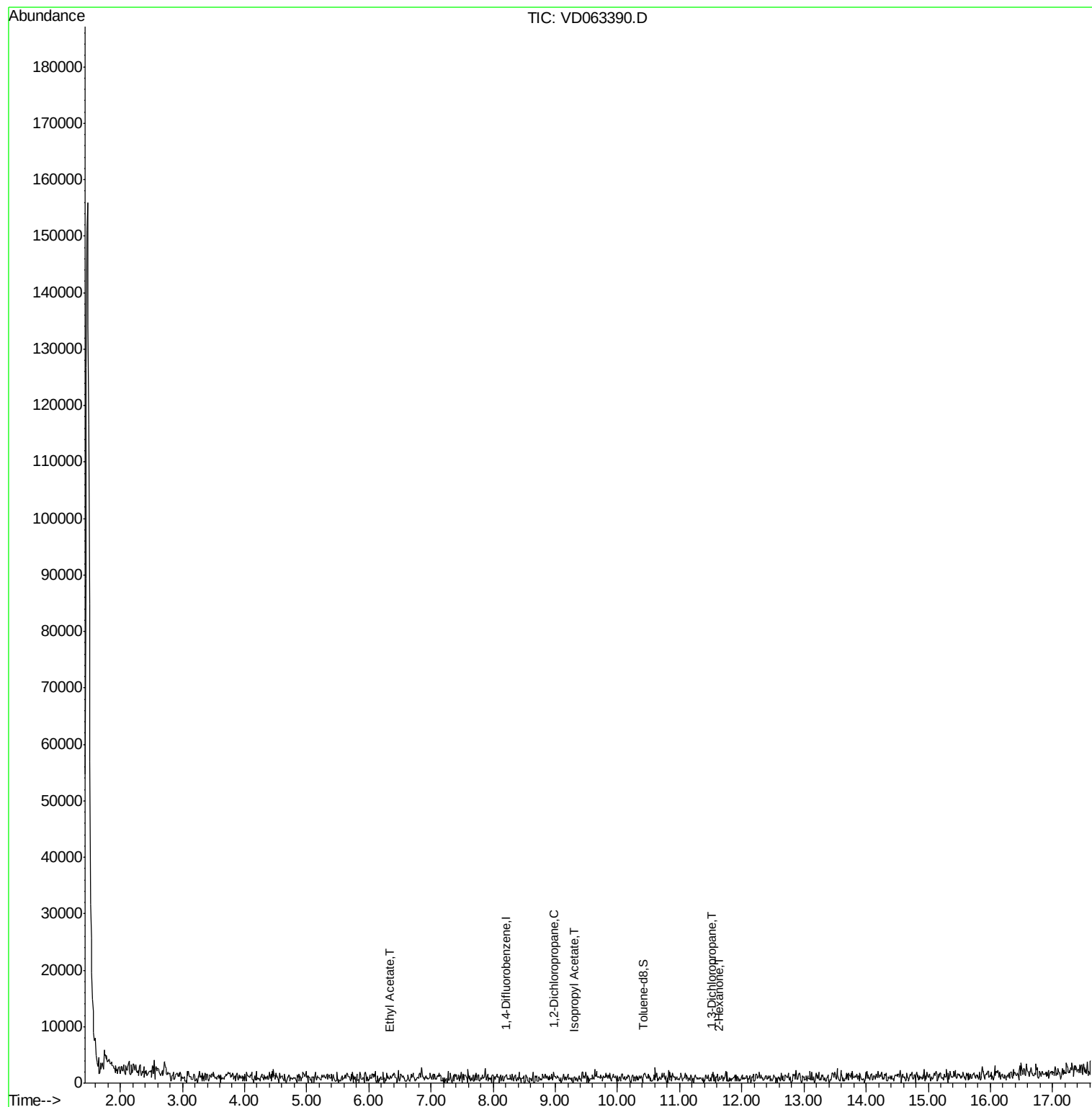
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.04
34) 1,4-Difluorobenzene	8.22	114	253	50.00	ug/l	0.00
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-12.36
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-14.52
System Monitoring Compounds						
33) 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	10.41	98	194	40.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.26%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
					Qvalue	
37) Ethyl Acetate	6.33	43	222	214.013	ug/l #	70
43) Isopropyl Acetate	9.31	43	178	134.334	ug/l #	49
45) 1,2-Dichloropropane	8.97	63	389	316.265	ug/l #	45
57) 1,3-Dichloropropane	11.51	76	223	130.207	ug/l #	45
59) 2-Hexanone	11.64	43	232	357.248	ug/l #	31

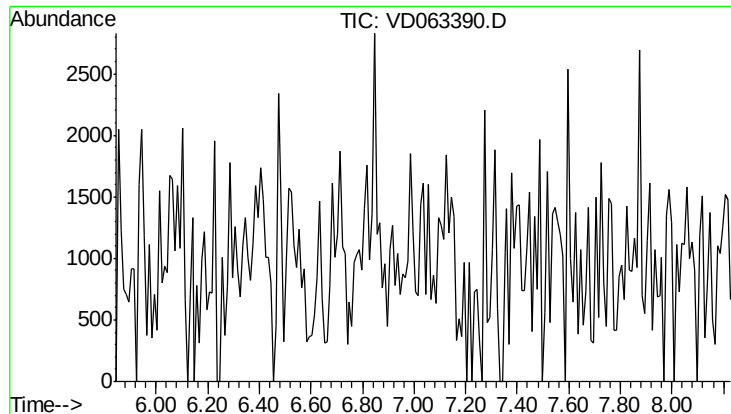
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 7.04 min

Lab File: VD063390.D

Acq: 5 Aug 2019 19:33

Tot Ion: 168

Sig Exp Ratio

168 100

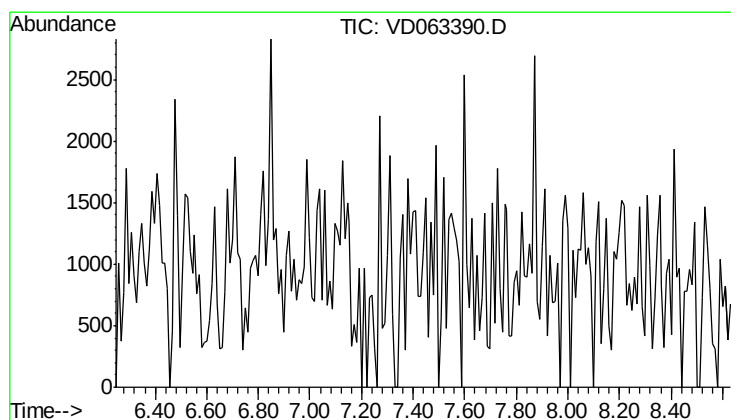
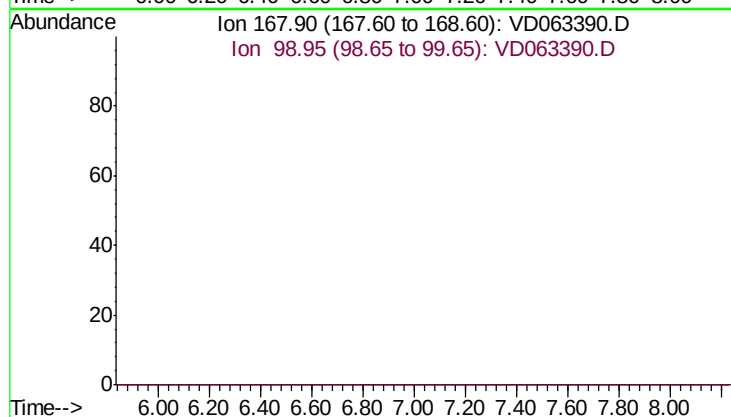
99 54.6

Instrument :

MSVOA_D

ClientSampleId :

RT1873RE



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.44 min

Lab File: VD063390.D

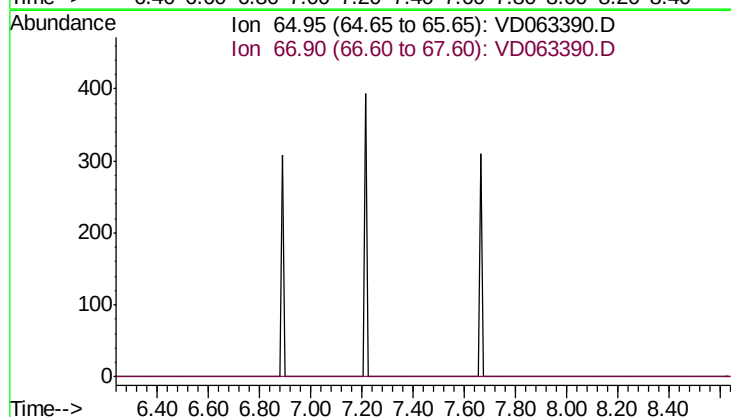
Acq: 5 Aug 2019 19:33

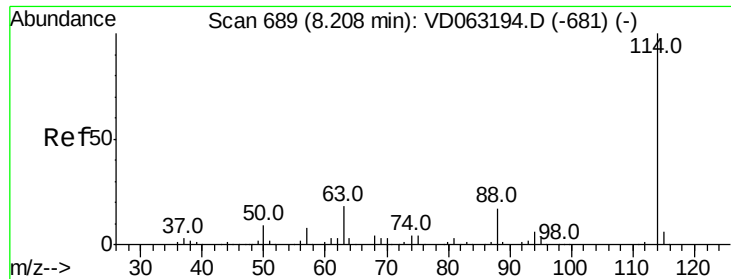
Tgt Ion: 65

Sig Exp Ratio

65 100

67 42.9

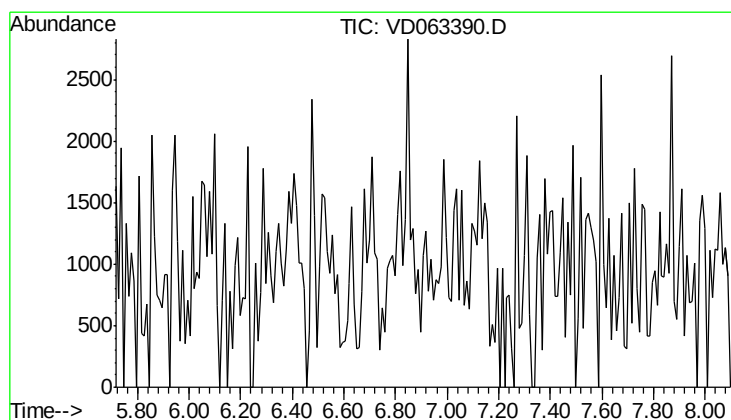
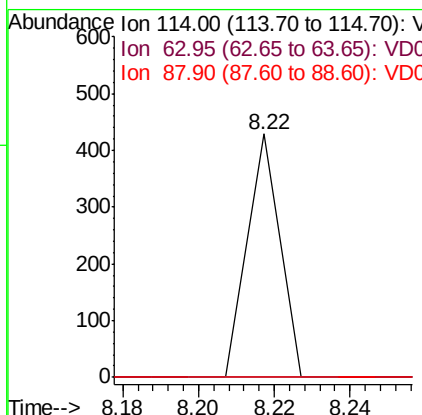
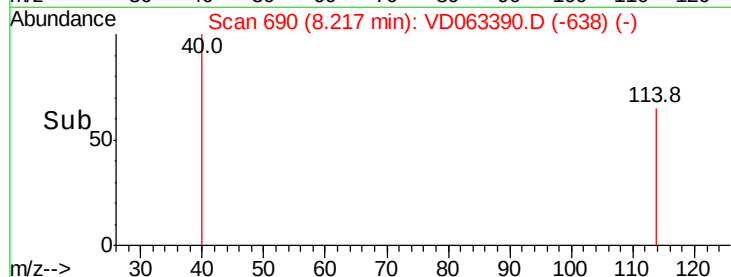
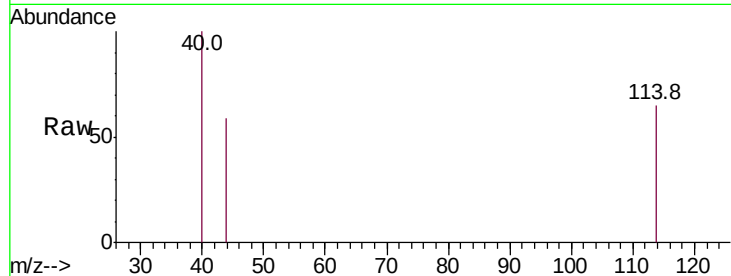




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063390.D
 Acq: 5 Aug 2019 19:33

Instrument :
 MSVOA_D
 ClientSampleId :
 RT1873RE

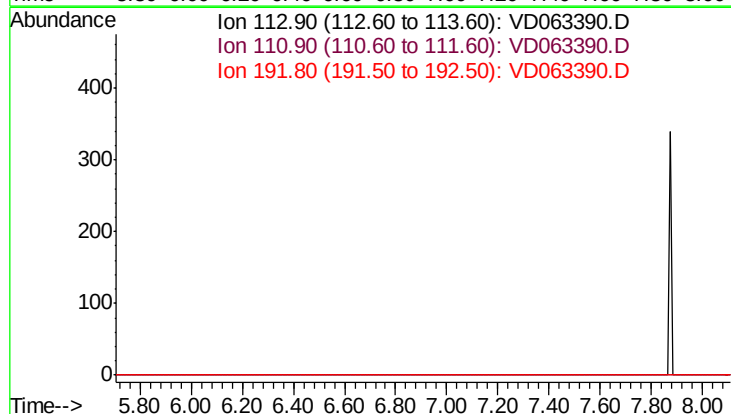
Tot Ion:114 Resp: 253
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 35.2
 88 0.0 0.0 34.6

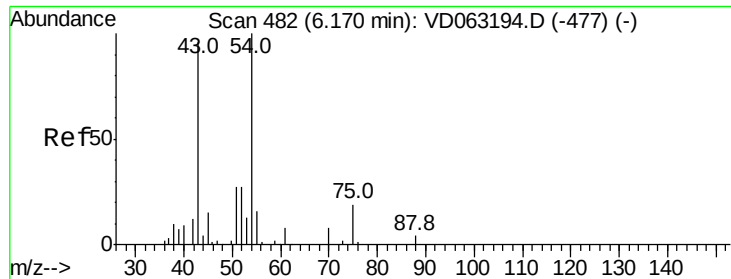


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 6.91 min

Lab File: VD063390.D
 Acq: 5 Aug 2019 19:33

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 104.0
 192 14.8

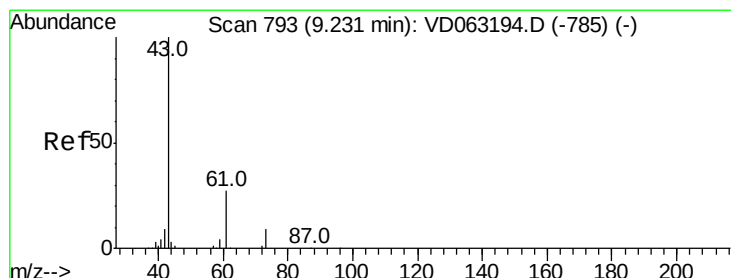
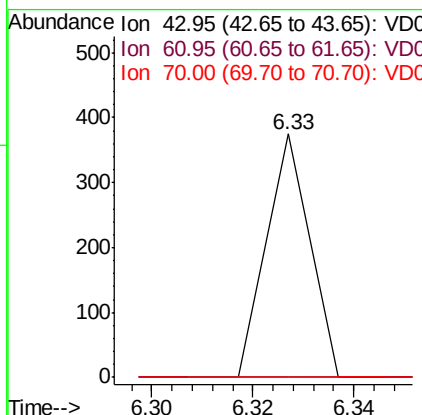
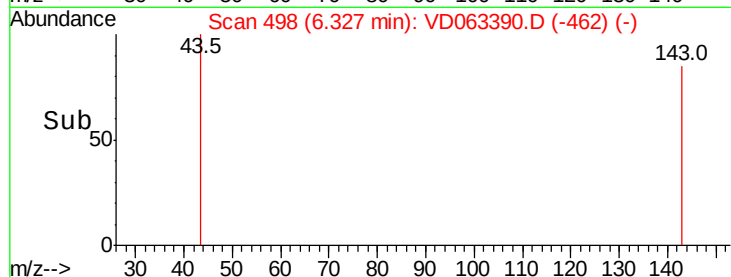
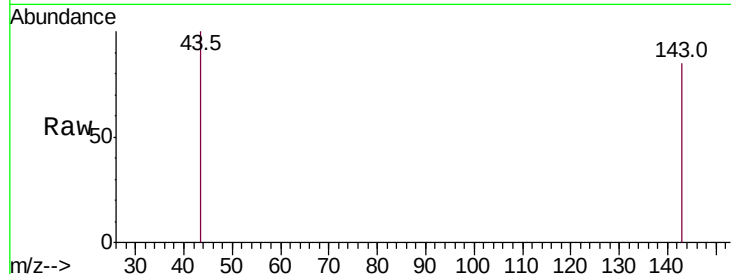




#37
Ethyl Acetate
Concen: 214.013 ug/l
RT: 6.33 min Scan# 498
Delta R.T. 0.16 min
Lab File: VD063390.D
Acq: 5 Aug 2019 19:33

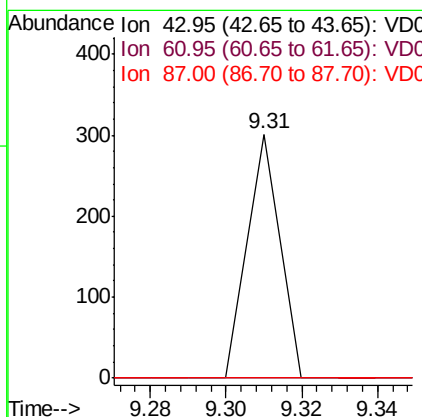
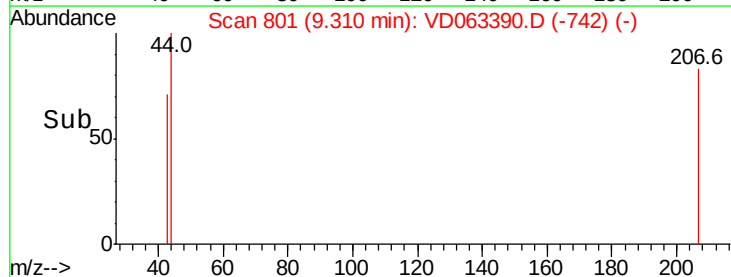
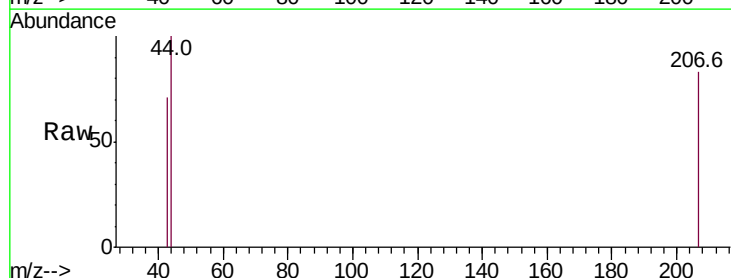
Instrument :
MSVOA_D
ClientSampleId :
RT1873RE

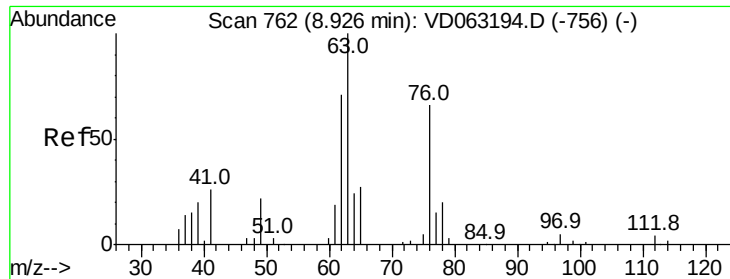
Tot Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 5.1 7.7#



#43
Isopropyl Acetate
Concen: 134.334 ug/l
RT: 9.31 min Scan# 801
Delta R.T. 0.08 min
Lab File: VD063390.D
Acq: 5 Aug 2019 19:33

Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
61 0.0 21.4 32.0#
87 0.0 0.2 0.4#





#45

1,2-Dichloropropane

Concen: 316.265 ug/l

RT: 8.97 min Scan# 766

Delta R.T. 0.04 min

Lab File: VD063390.D

Acq: 5 Aug 2019 19:33

Instrument :

MSVOA_D

ClientSampleId :

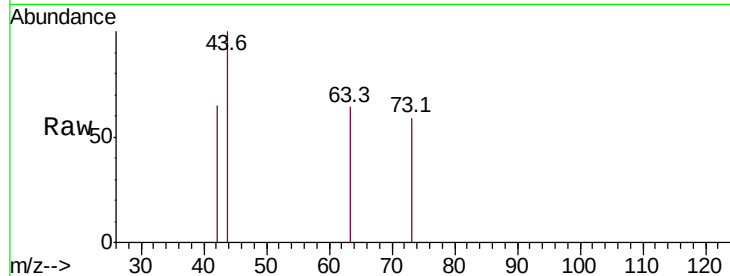
RT1873RE

Tot Ion: 63 Resp: 389

Ion Ratio Lower Upper

63 100

65 0.0 23.6 35.4#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.97

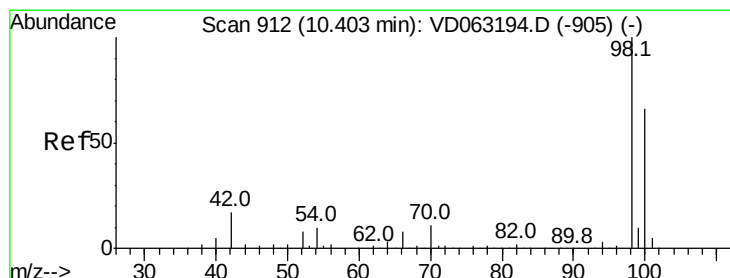
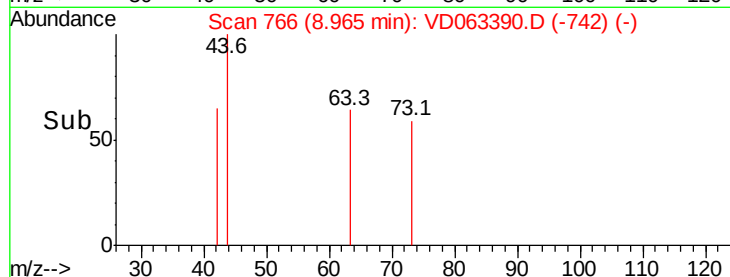
300

200

100

0

Time--> 8.90 8.95 9.00



#50

Toluene-d8

Concen: 40.130 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063390.D

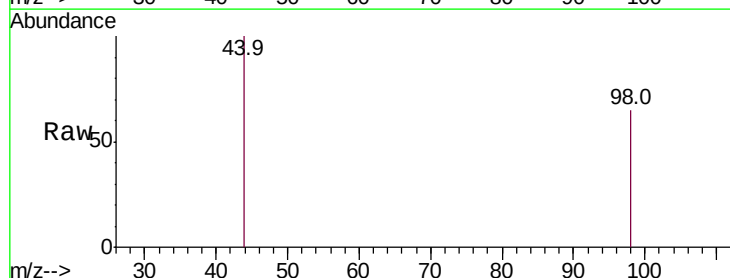
Acq: 5 Aug 2019 19:33

Tgt Ion: 98 Resp: 194

Ion Ratio Lower Upper

98 100

100 0.0 53.2 79.8#



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

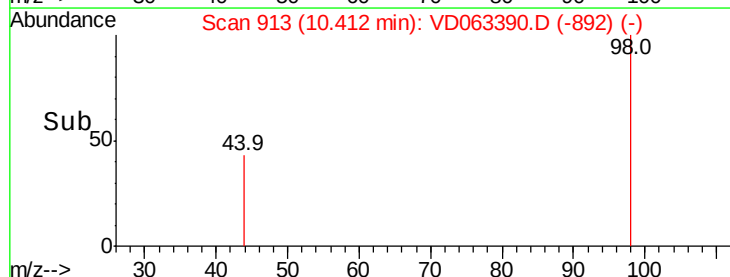
300

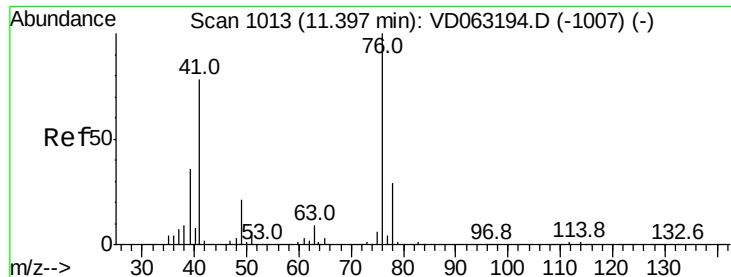
200

100

0

Time--> 10.38 10.40 10.42 10.44

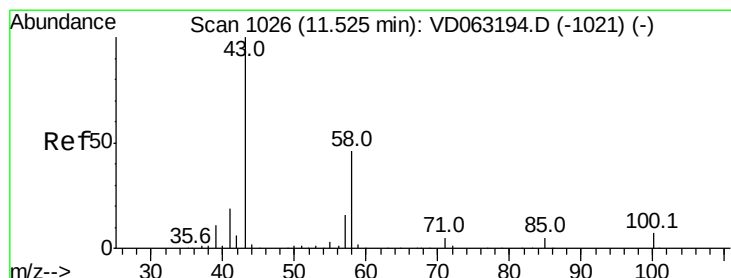
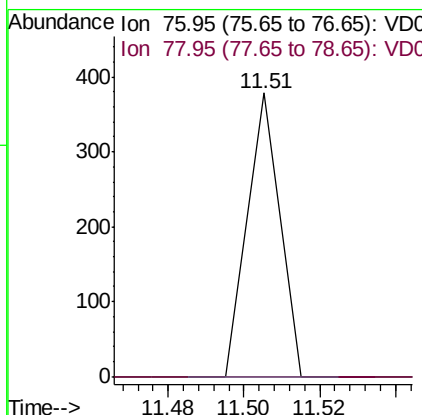
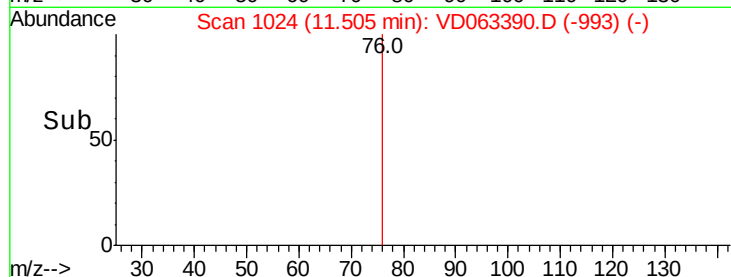
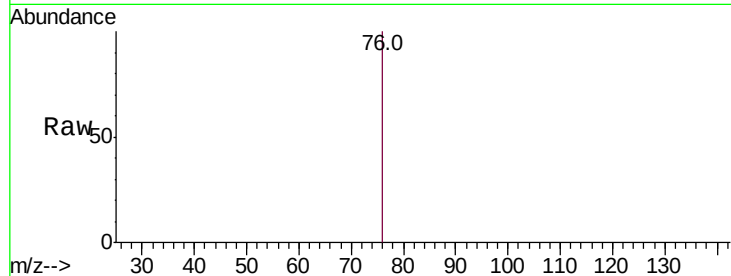




#57
 1,3-Dichloropropane
 Concen: 130.207 ug/l
 RT: 11.51 min Scan# 1024
 Delta R.T. 0.11 min
 Lab File: VD063390.D
 Acq: 5 Aug 2019 19:33

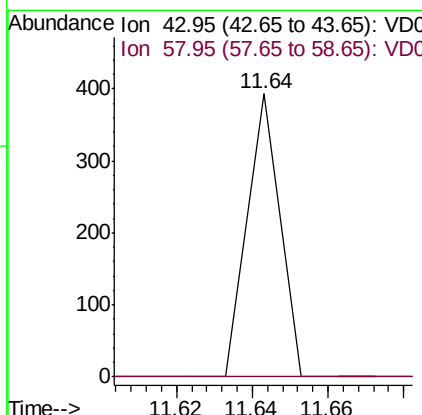
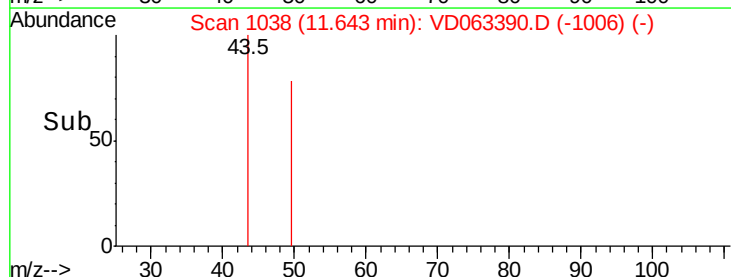
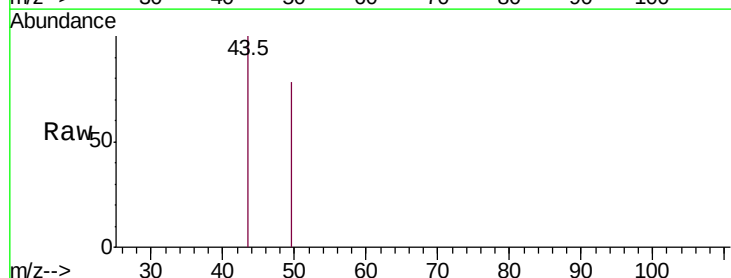
Instrument :
 MSVOA_D
 ClientSampleId :
 RT1873RE

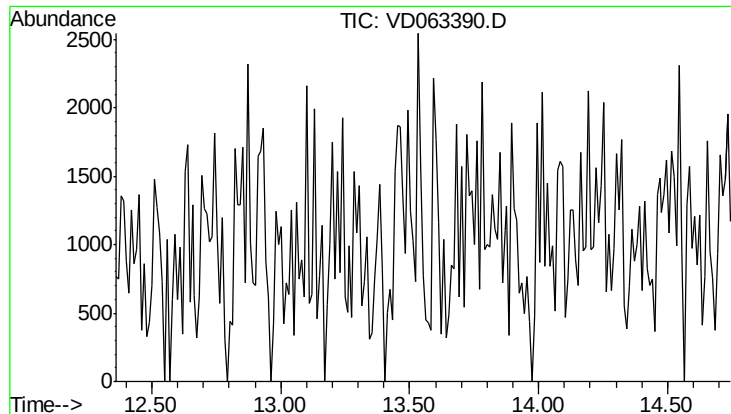
Tot Ion: 76 Resp: 223
 Ion Ratio Lower Upper
 76 100
 78 0.0 23.4 35.0#



#59
 2-Hexanone
 Concen: 357.248 ug/l
 RT: 11.64 min Scan# 1038
 Delta R.T. 0.12 min
 Lab File: VD063390.D
 Acq: 5 Aug 2019 19:33

Tgt Ion: 43 Resp: 232
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.9 68.5#

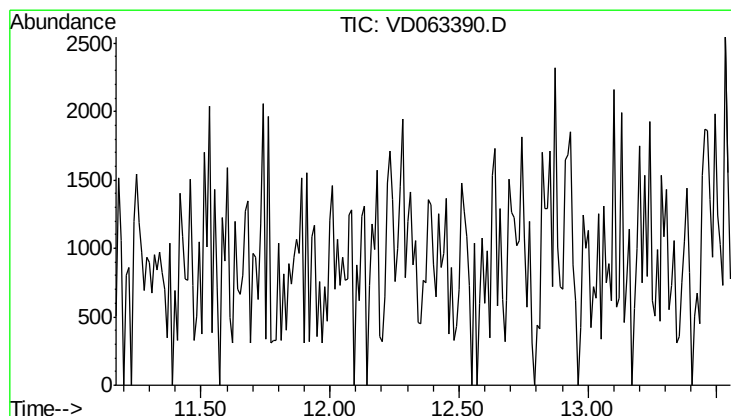
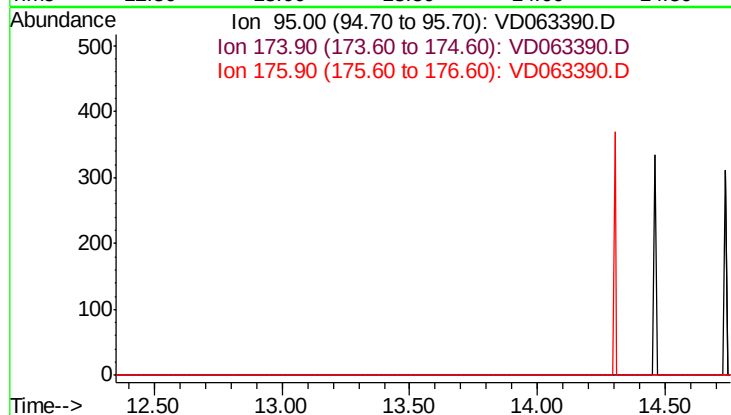




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 13.55 min
 Lab File: VD063390.D
 Acq: 5 Aug 2019 19:33

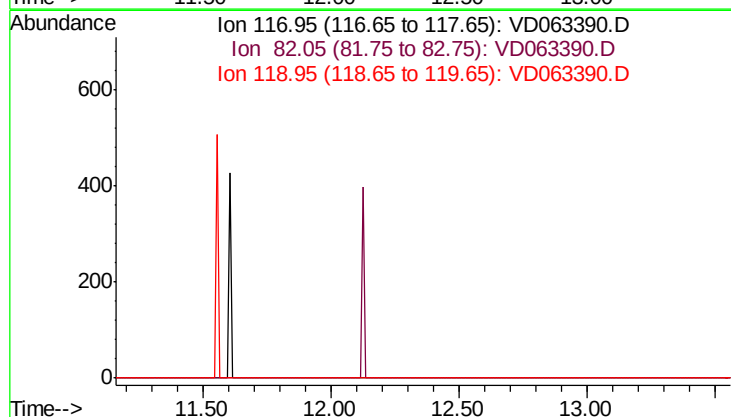
Instrument :
 MSVOA_D
 ClientSampleId :
 RT1873RE

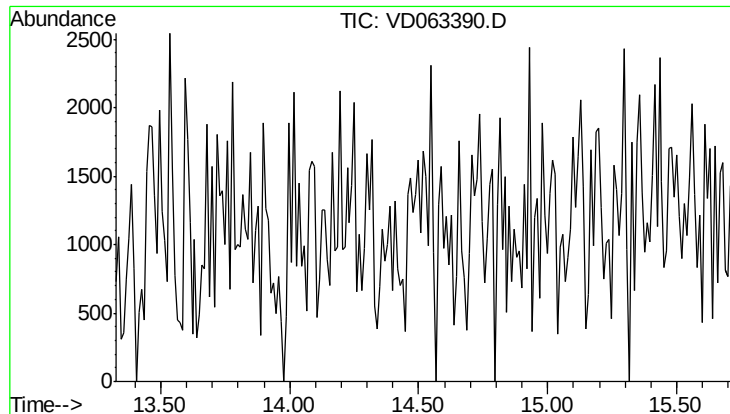
Tot Ion	95
Sig	Exp Ratio
95	100
174	102.7
176	105.9



#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 12.36 min
 Lab File: VD063390.D
 Acq: 5 Aug 2019 19:33

Tgt Ion	117
Sig	Exp Ratio
117	100
82	50.1
119	33.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 14.52 min
 Lab File: VD063390.D
 Acq: 5 Aug 2019 19:33

Instrument :
 MSVOA_D
 ClientSampleId :
 RT1873RE

Tot Ion: 152
 Sig Exp Ratio
 152 100
 115 54.9
 150 160.3

