

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062884.D
 Acq On : 25 Jun 2019 17:31
 Operator : VA/AP
 Sample : K3164-05RE
 Misc : 6.11g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B07RE

Quant Time: Jun 26 06:48:43 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

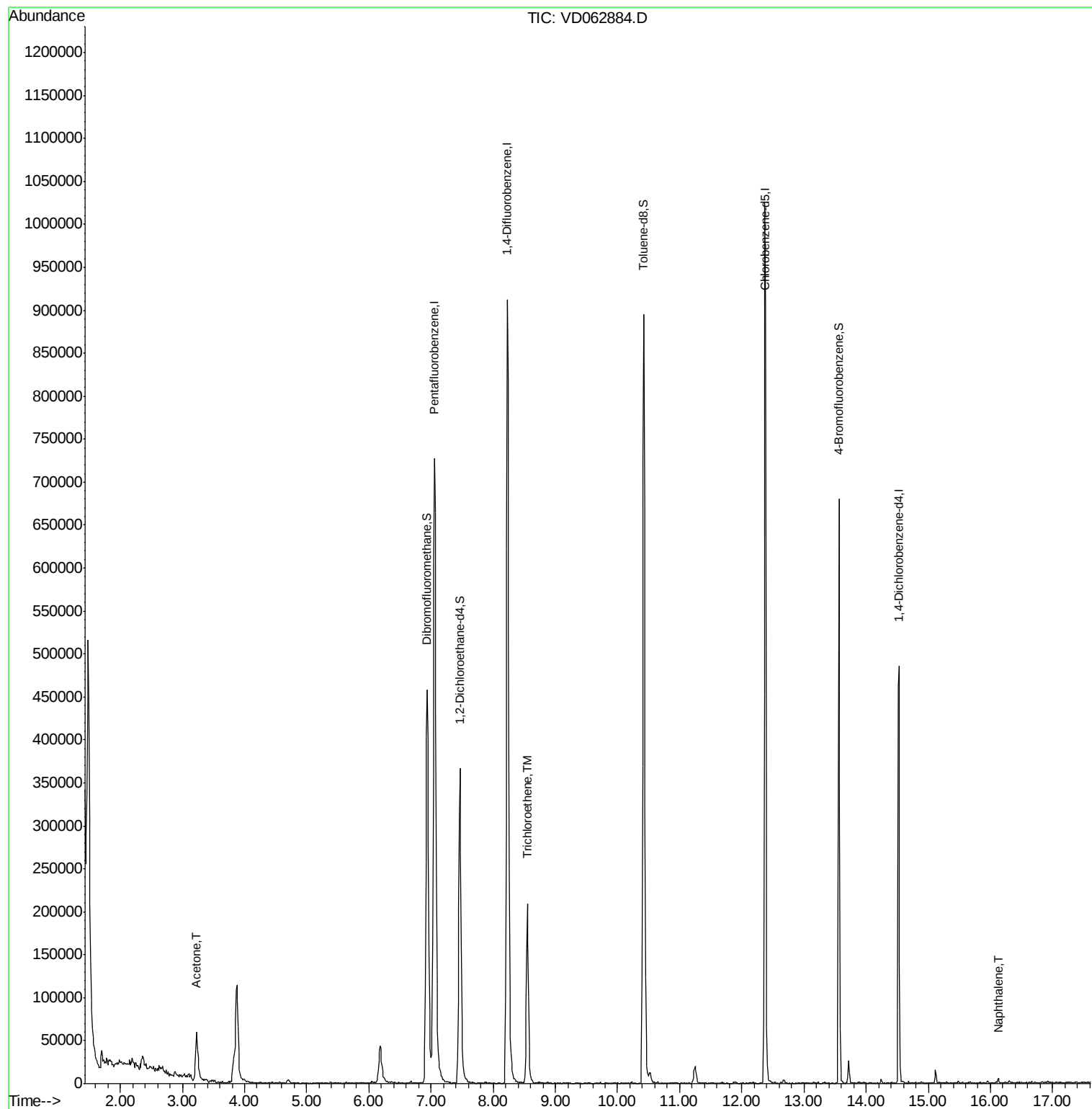
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	686346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	942167	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	540856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	112482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	415361	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.34%	
35) Dibromofluoromethane	6.94	113	417761	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
50) Toluene-d8	10.42	98	699476	40.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.90%	
62) 4-Bromofluorobenzene	13.56	95	179279	22.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.60%	
Target Compounds						
16) Acetone	3.23	43	119528	74.082	ug/l	95
44) Trichloroethene	8.55	130	85691	12.209	ug/l	96
95) Naphthalene	16.12	128	4475	1.374	ug/l #	83

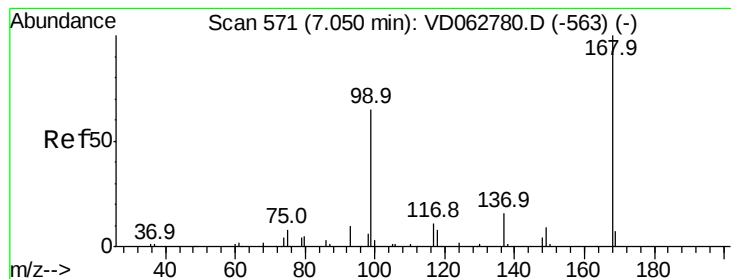
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062884.D

Acq: 25 Jun 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

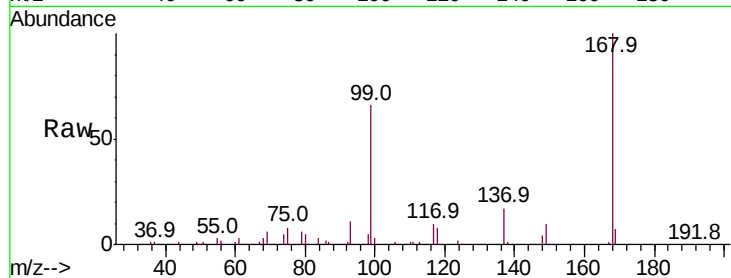
BAT-B07RE

Tot Ion:168 Resp: 686346

Ion Ratio Lower Upper

168 100

99 65.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

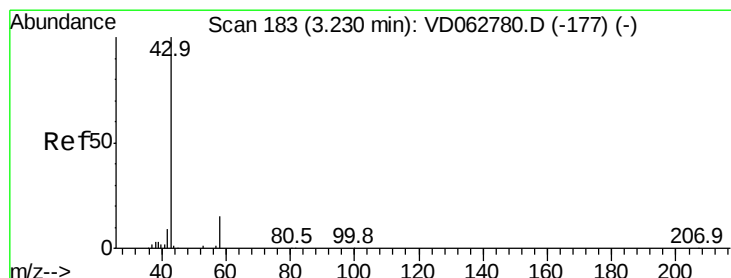
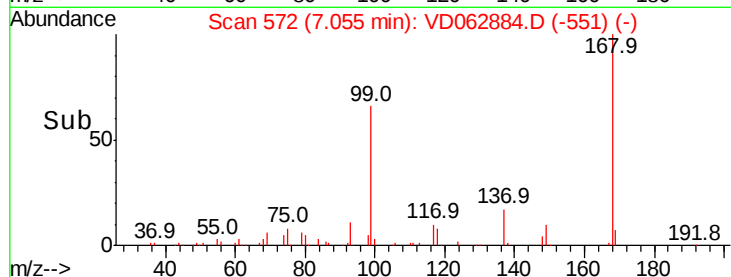
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 74.082 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062884.D

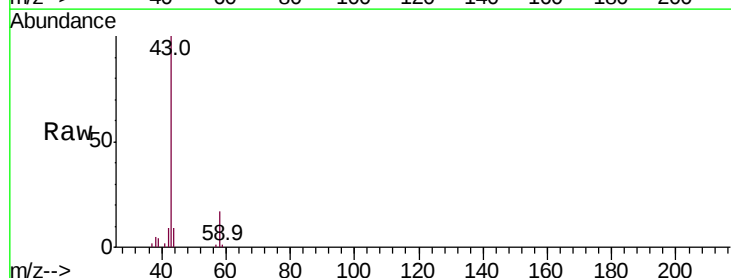
Acq: 25 Jun 2019 17:31

Tgt Ion: 43 Resp: 119528

Ion Ratio Lower Upper

43 100

58 16.8 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

40000

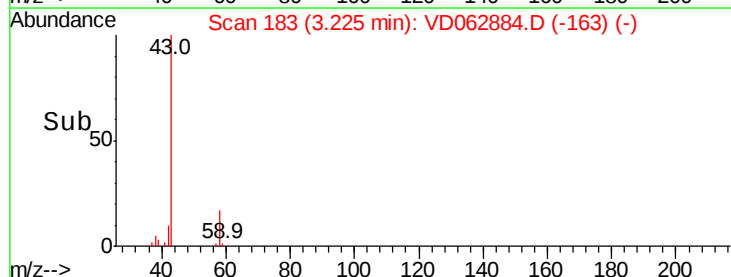
30000

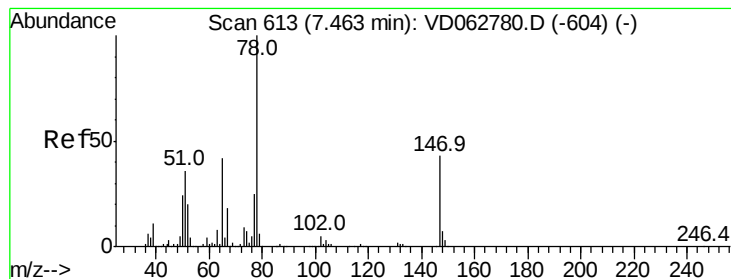
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.675 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062884.D

Acq: 25 Jun 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

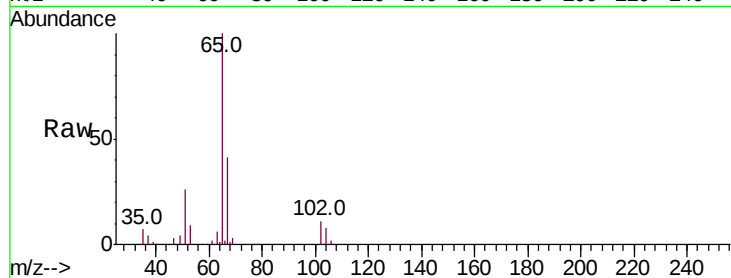
BAT-B07RE

Tot Ion: 65 Resp: 415361

Ion Ratio Lower Upper

65 100

67 41.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

150000

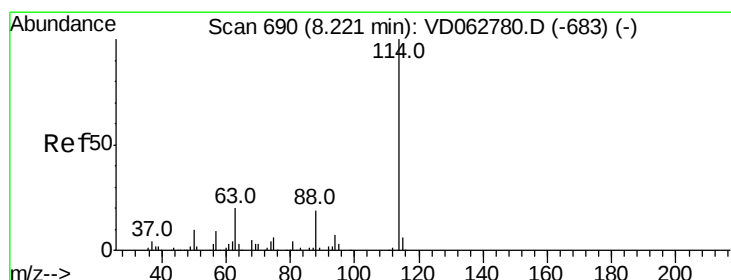
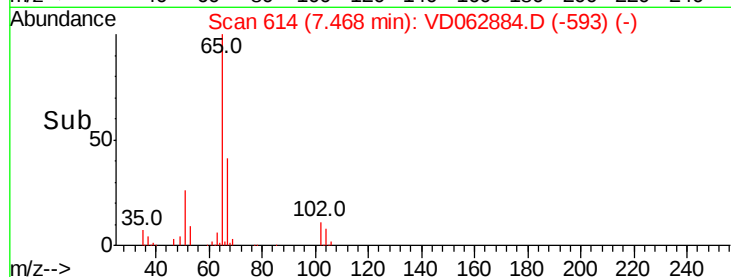
100000

50000

0

Time-->

7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062884.D

Acq: 25 Jun 2019 17:31

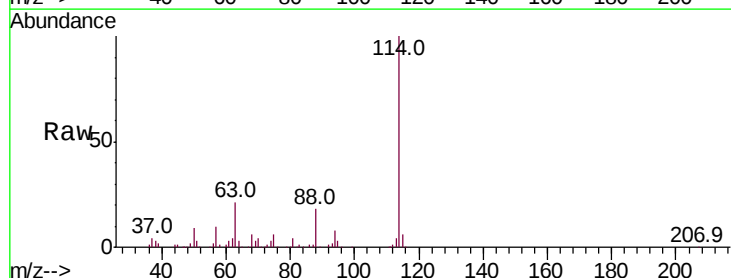
Tgt Ion: 114 Resp: 942167

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 18.4 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.23

500000

400000

300000

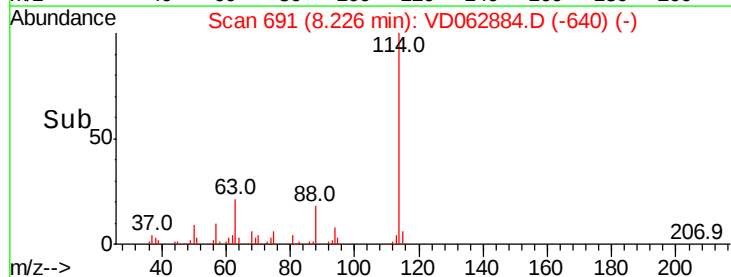
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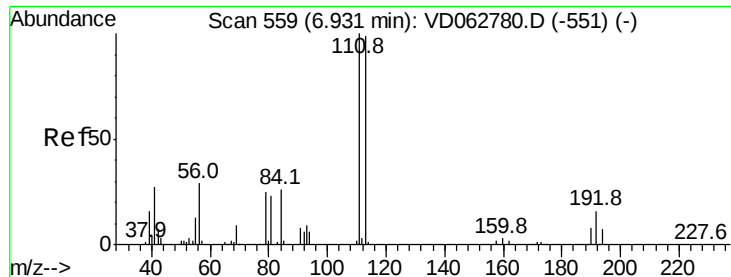
100000

0

Time-->

8.10 8.20 8.30 8.40 8.50

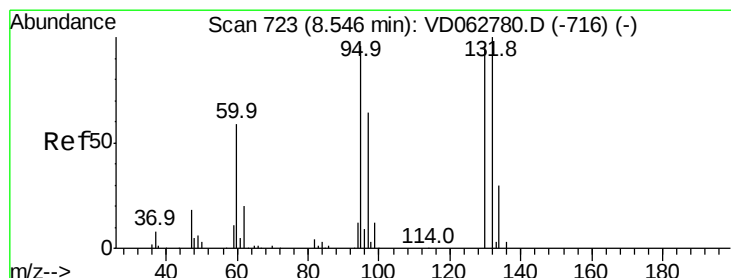
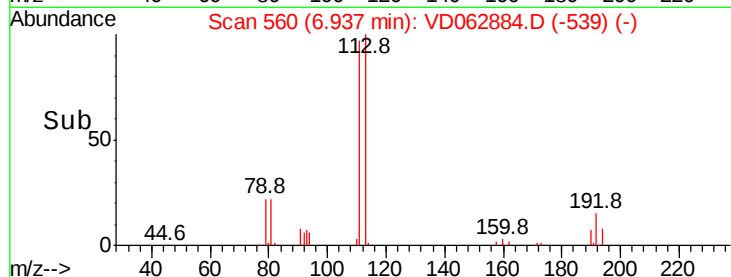
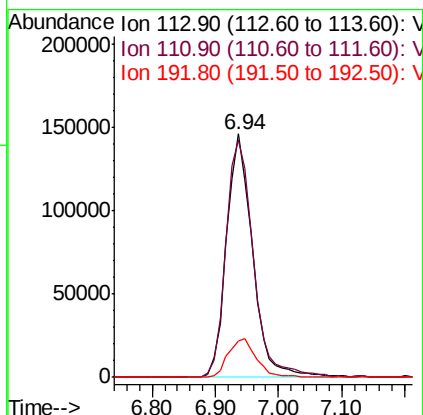
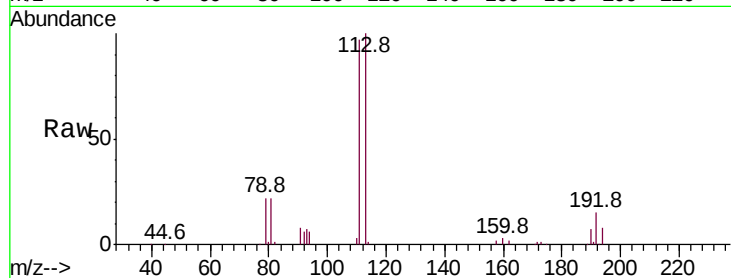




#35
 Dibromofluoromethane
 Concen: 52.586 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062884.D
 Acq: 25 Jun 2019 17:31

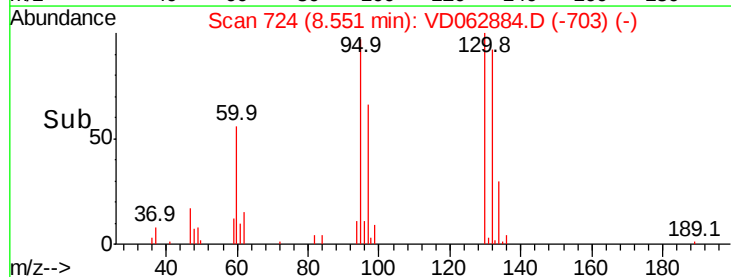
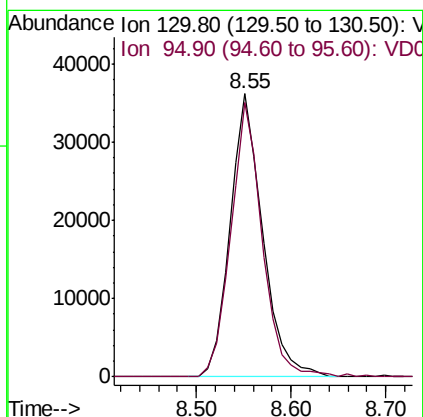
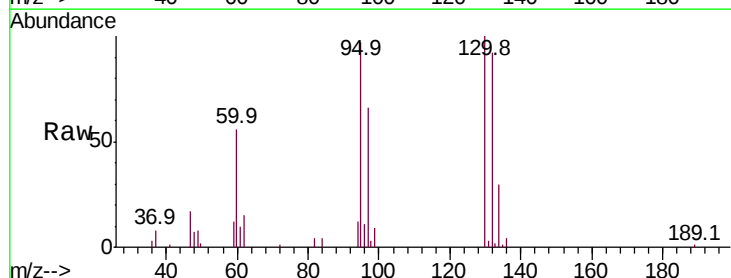
Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B07RE

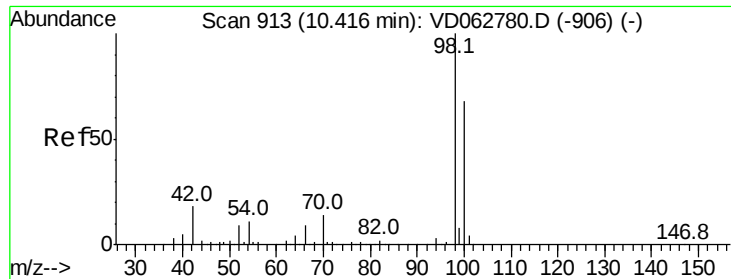
Tot Ion:113 Resp: 417761
 Ion Ratio Lower Upper
 113 100
 111 97.4 81.2 121.8
 192 15.0 12.9 19.3



#44
 Trichloroethene
 Concen: 12.209 ug/l
 RT: 8.55 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: VD062884.D
 Acq: 25 Jun 2019 17:31

Tgt Ion:130 Resp: 85691
 Ion Ratio Lower Upper
 130 100
 95 97.0 0.0 201.6

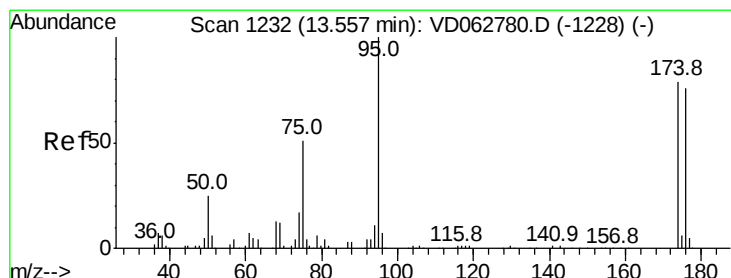
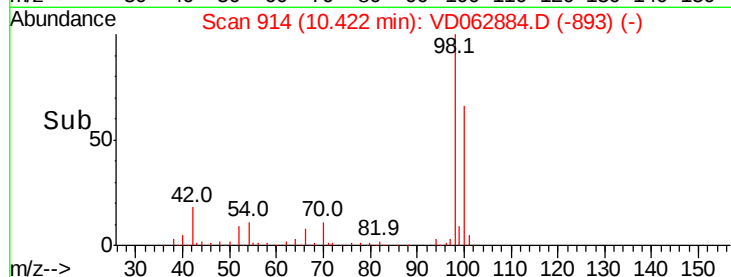
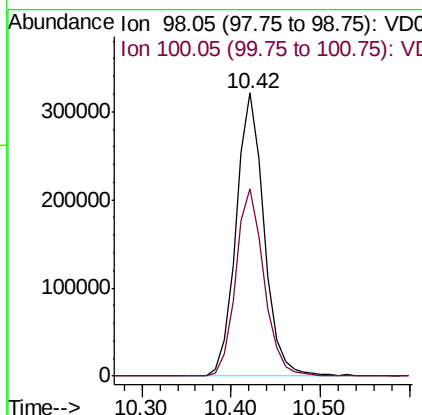
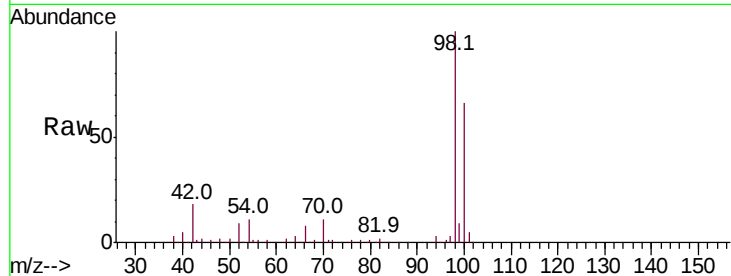




#50
Toluene-d8
Concen: 40.454 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062884.D
Acq: 25 Jun 2019 17:31

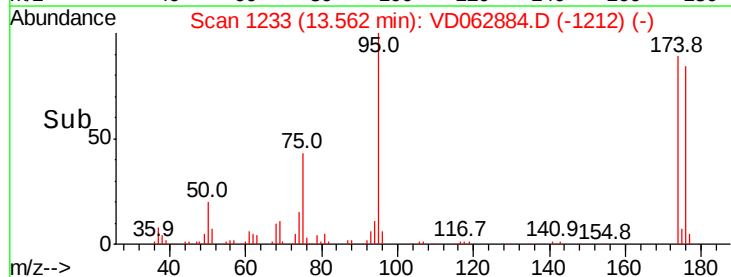
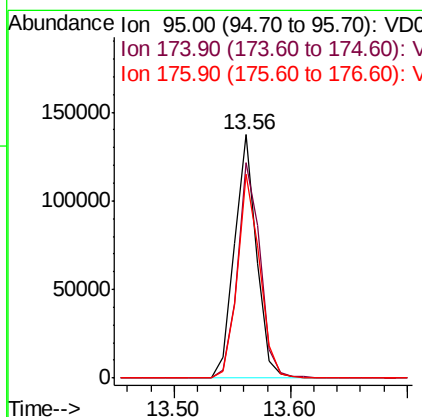
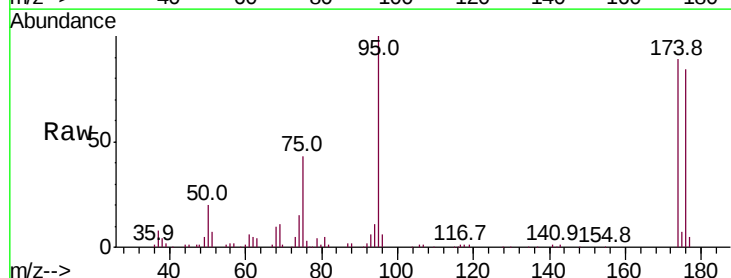
Instrument :
MSVOA_D
ClientSampleId :
BAT-B07RE

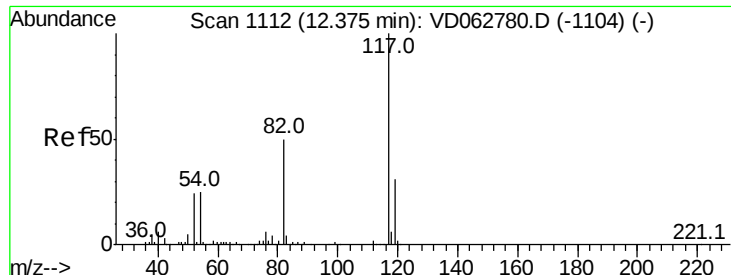
Tot Ion: 98 Resp: 699476
Ion Ratio Lower Upper
98 100
100 66.4 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 22.803 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062884.D
Acq: 25 Jun 2019 17:31

Tgt Ion: 95 Resp: 179279
Ion Ratio Lower Upper
95 100
174 88.7 0.0 158.0
176 83.6 0.0 151.6

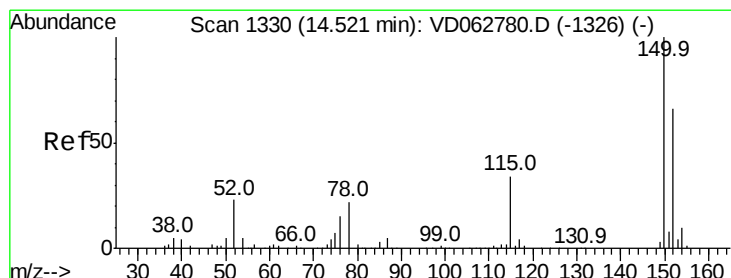
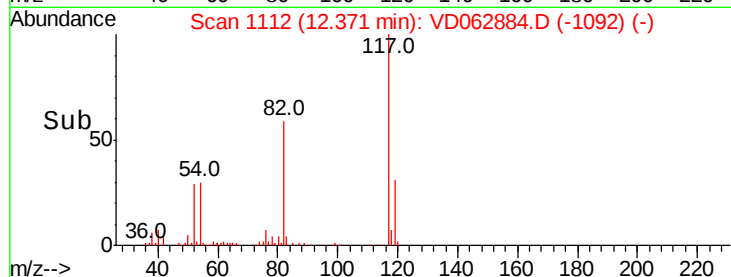
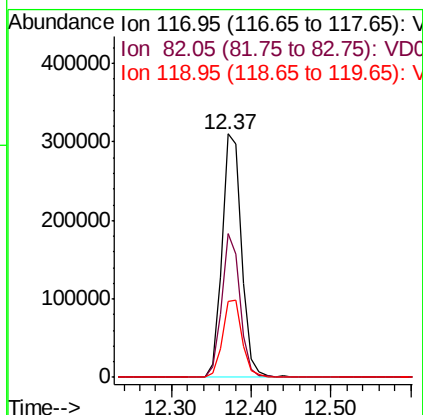
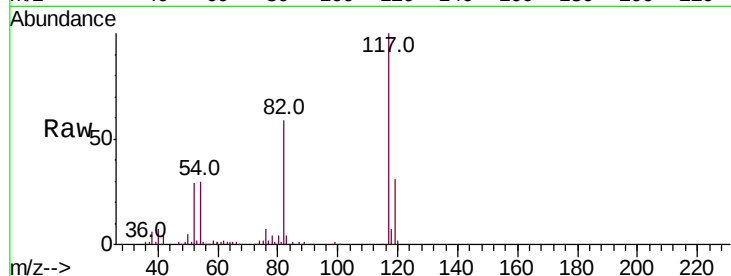




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062884.D
Acq: 25 Jun 2019 17:31

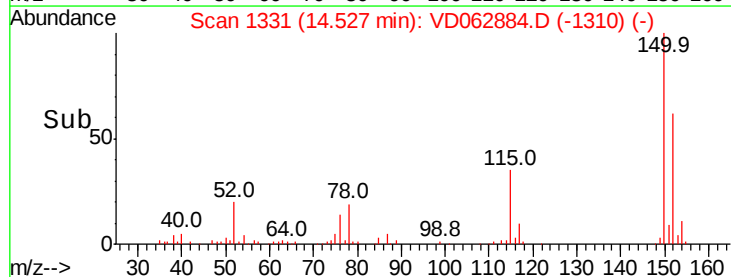
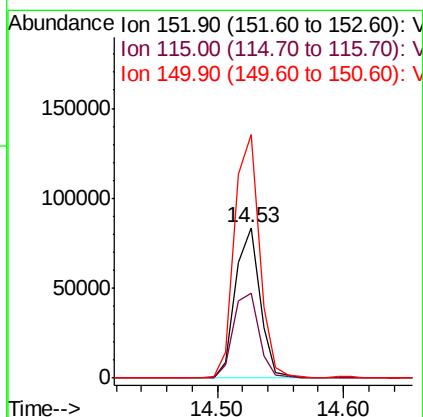
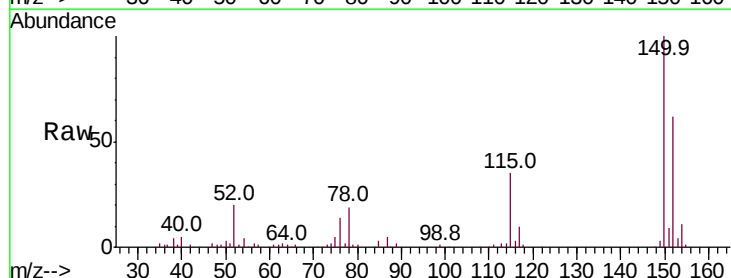
Instrument :
MSVOA_D
ClientSampleId :
BAT-B07RE

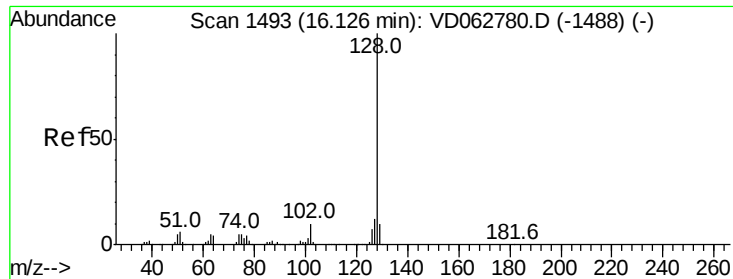
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	40.4	60.6
119	31.4	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062884.D
Acq: 25 Jun 2019 17:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	29.2	87.6
150	161.8	0.0	305.8





#95

Naphthalene

Concen: 1.374 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD062884.D

Acq: 25 Jun 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

BAT-B07RE

Tot Ion:128 Resp: 4475

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 10.1 8.3 12.5

