

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062867.D
 Acq On : 25 Jun 2019 6:10
 Operator : VA/AP
 Sample : K3164-05
 Misc : 6.29g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B07

Quant Time: Jun 25 06:54:41 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

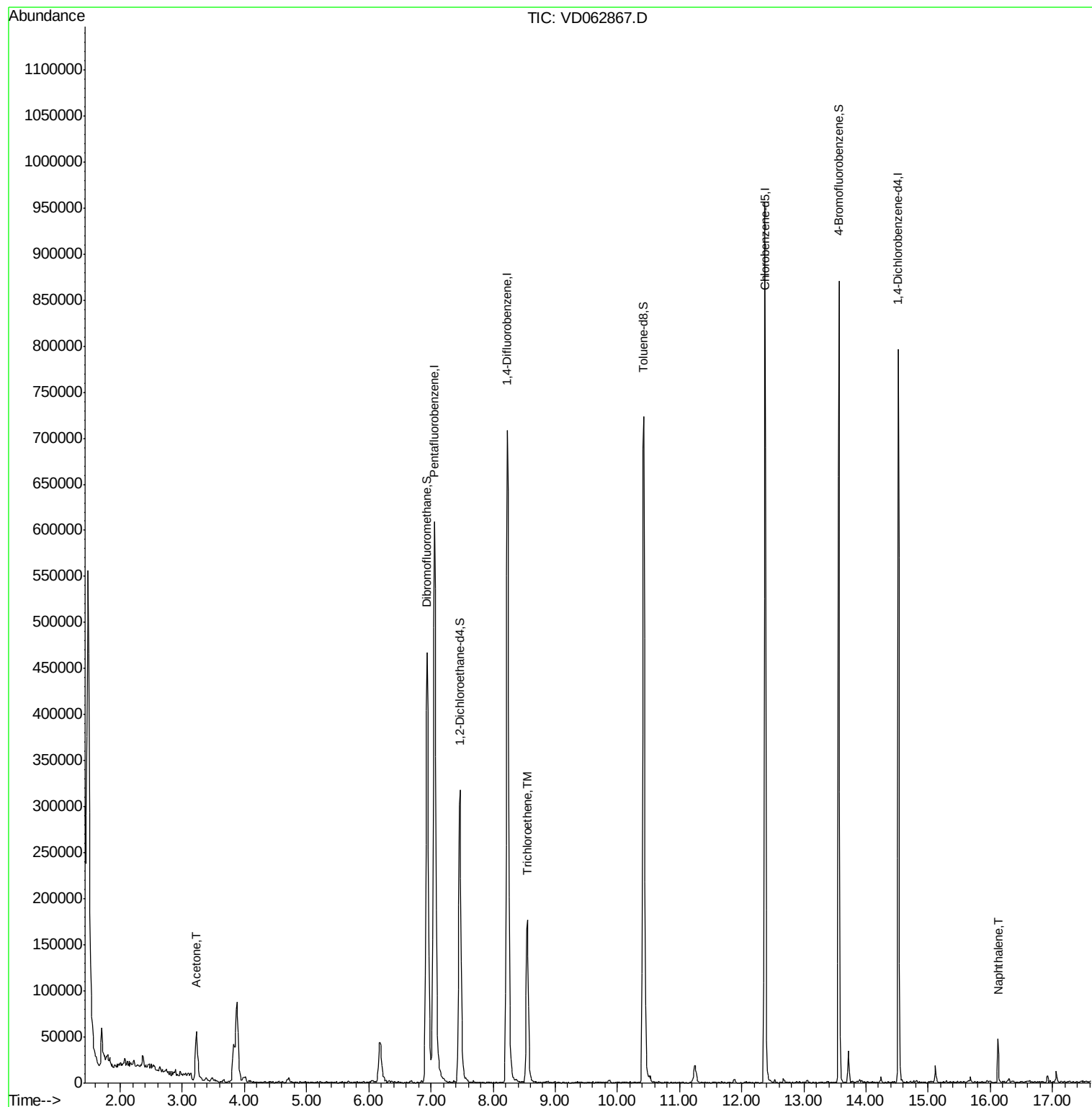
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	593695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	781343	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	484683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	179701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	366425	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	6.94	113	409800	62.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.40%	
50) Toluene-d8	10.42	98	590462	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	
62) 4-Bromofluorobenzene	13.56	95	246018	37.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.46%	
Target Compounds						
16) Acetone	3.23	43	111970	80.825	ug/l	98
44) Trichloroethene	8.55	130	80018	13.747	ug/l	87
95) Naphthalene	16.12	128	28407	5.459	ug/l #	95

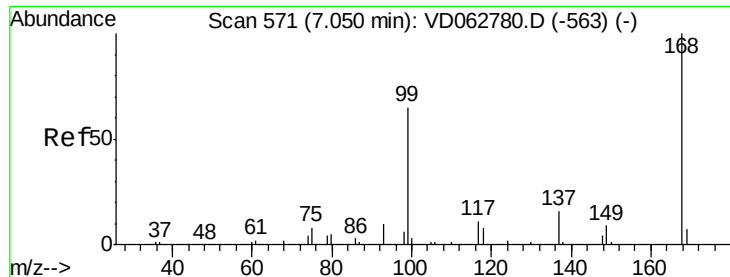
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062867.D

Acq: 25 Jun 2019 6:10

Instrument :

MSVOA_D

ClientSampleId :

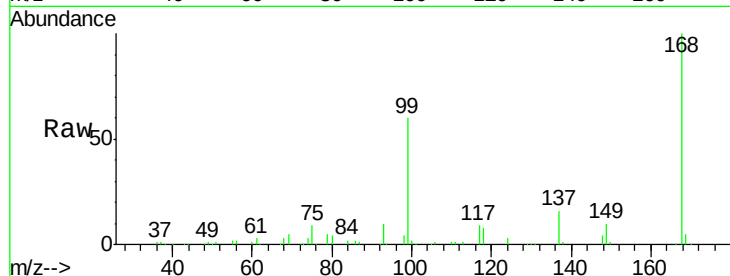
BAT-B07

Tot Ion:168 Resp: 593695

Ion Ratio Lower Upper

168 100

99 59.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

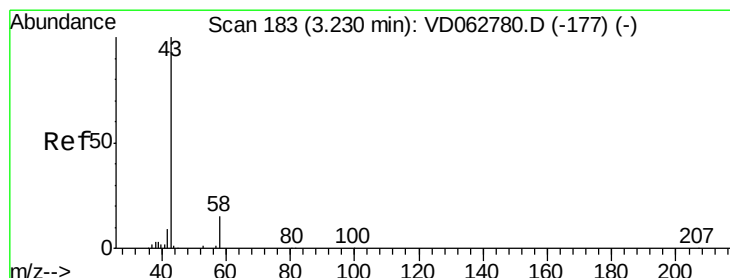
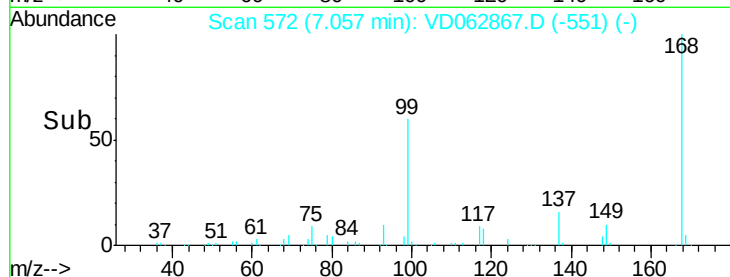
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 80.825 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062867.D

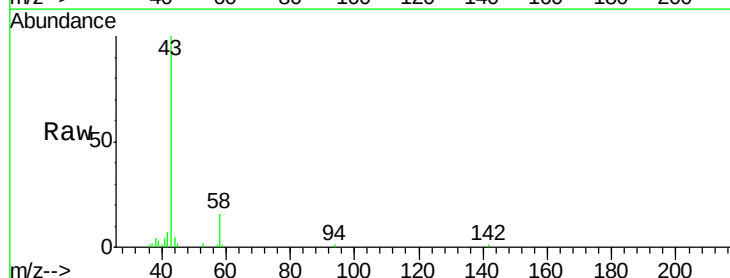
Acq: 25 Jun 2019 6:10

Tgt Ion: 43 Resp: 111970

Ion Ratio Lower Upper

43 100

58 15.6 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

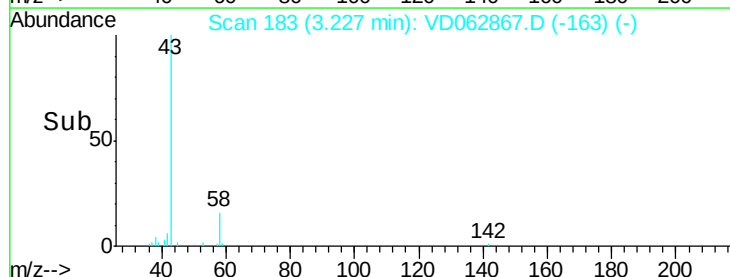
20000

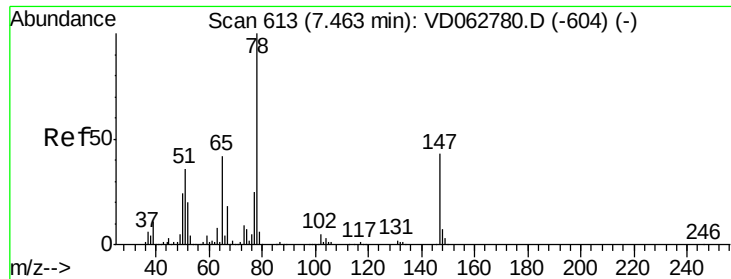
10000

0

Time-->

3.10 3.20 3.30 3.40

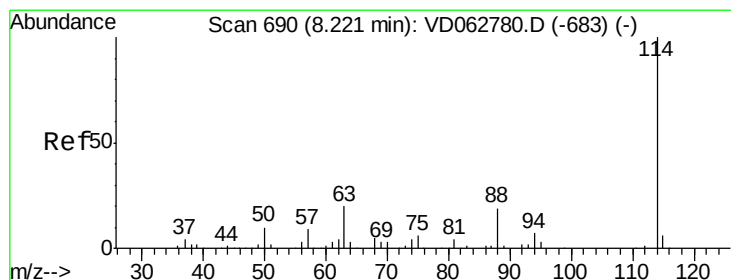
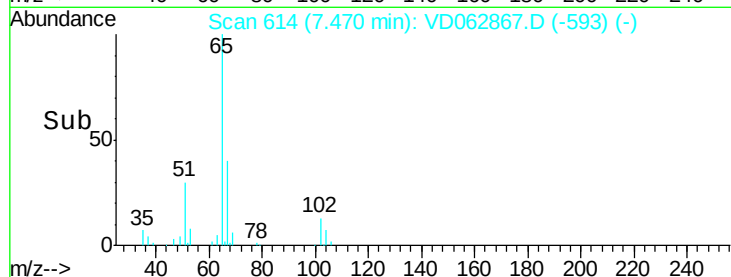
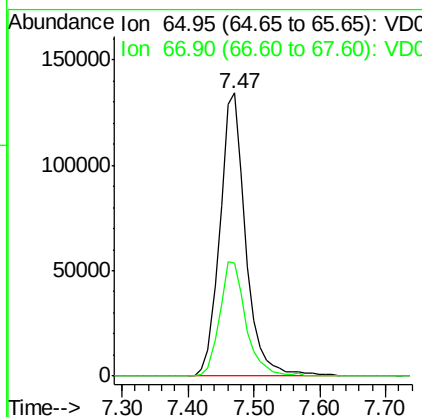
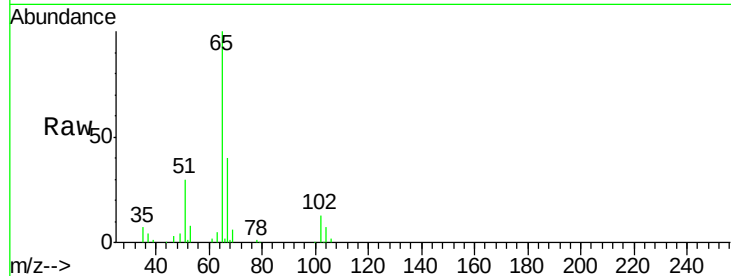




#33
 1,2-Dichloroethane-d4
 Concen: 56.780 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD062867.D
 Acq: 25 Jun 2019 6:10

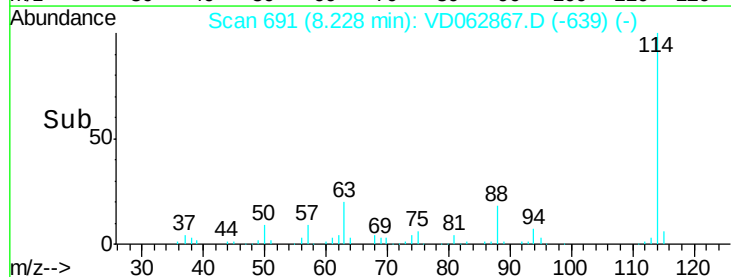
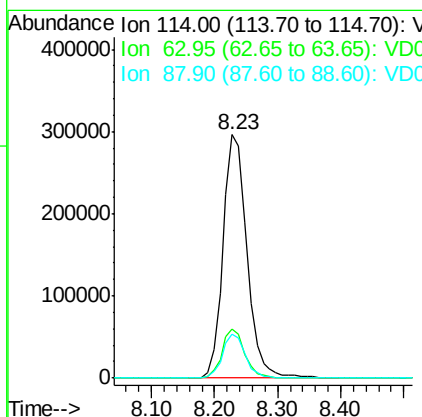
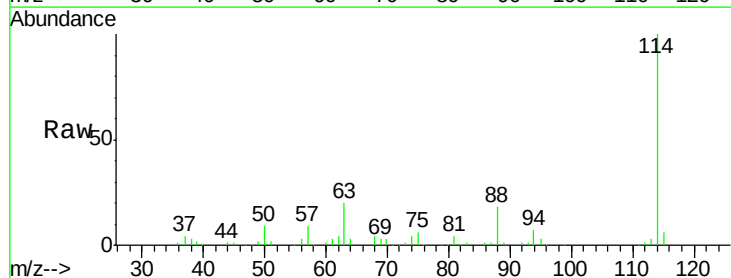
Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B07

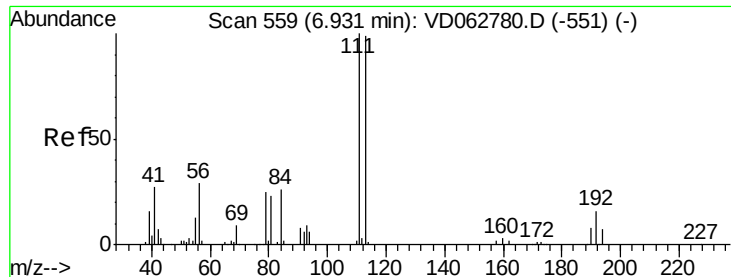
Tot Ion: 65 Resp: 366425
 Ion Ratio Lower Upper
 65 100
 67 39.9 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062867.D
 Acq: 25 Jun 2019 6:10

Tgt Ion: 114 Resp: 781343
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 18.1 0.0 38.8





#35

Dibromofluoromethane

Concen: 62.202 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062867.D

Acq: 25 Jun 2019 6:10

Instrument :

MSVOA_D

ClientSampleId :

BAT-B07

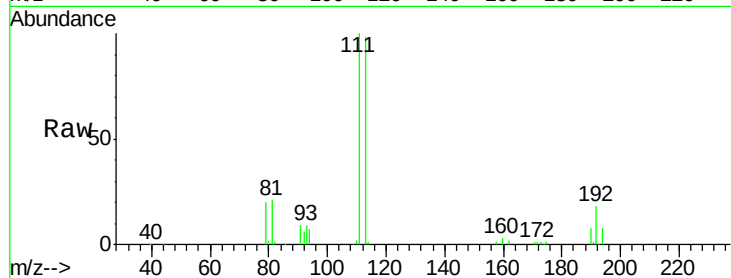
Tot Ion:113 Resp: 409800

Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

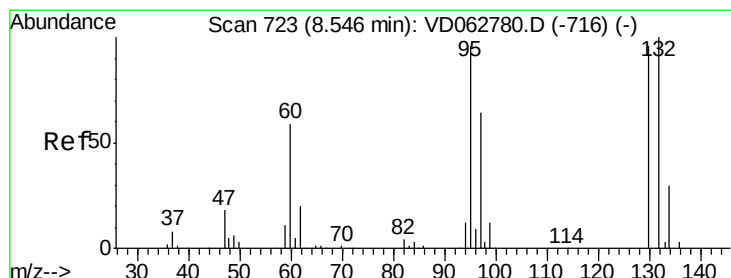
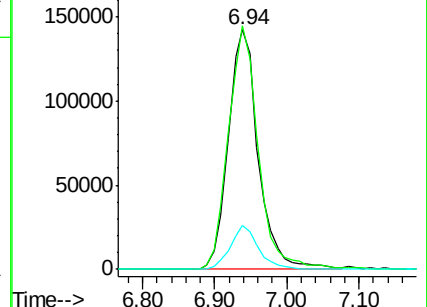
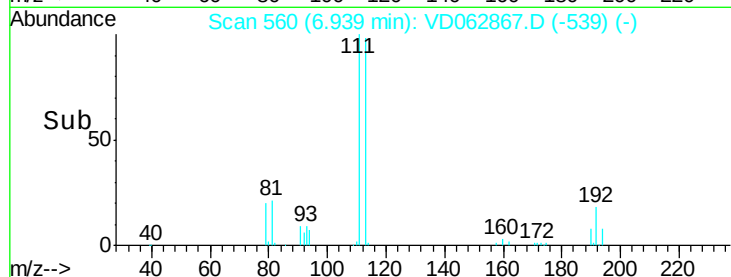
192 18.4 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#44

Trichloroethene

Concen: 13.747 ug/l

RT: 8.55 min Scan# 724

Delta R.T. 0.01 min

Lab File: VD062867.D

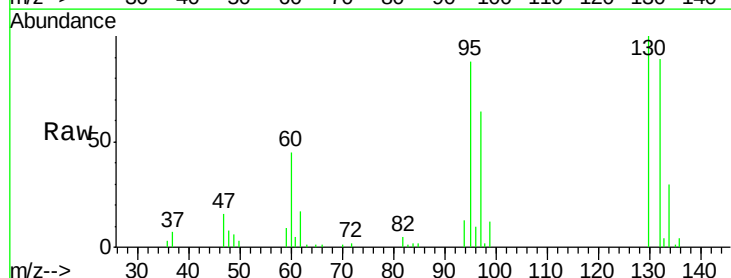
Acq: 25 Jun 2019 6:10

Tgt Ion:130 Resp: 80018

Ion Ratio Lower Upper

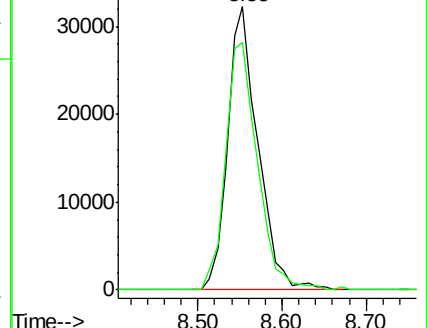
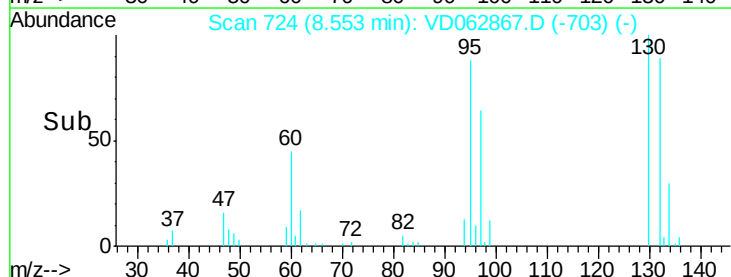
130 100

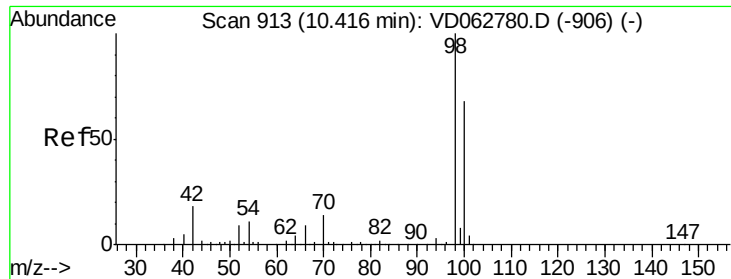
95 87.5 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

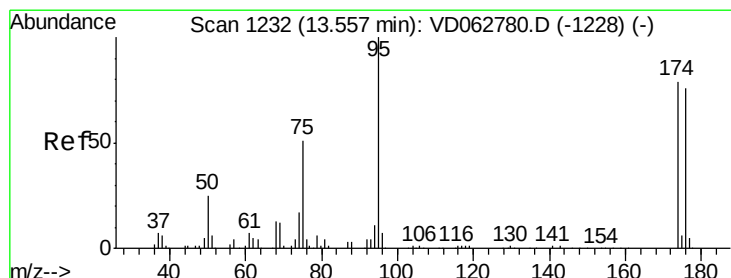
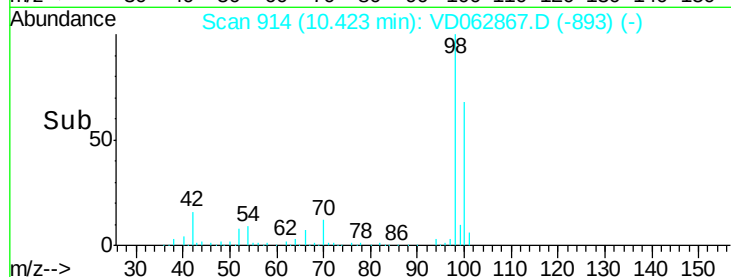
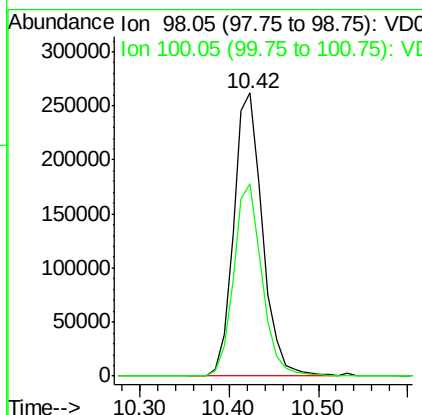
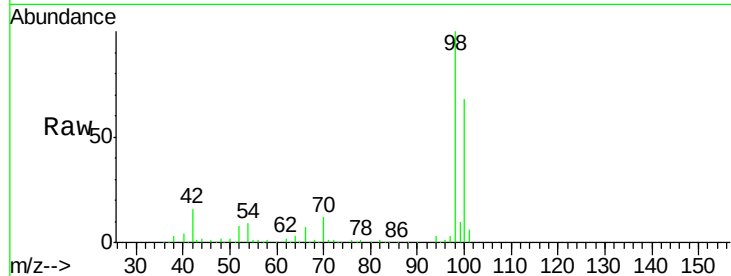




#50
Toluene-d8
Concen: 41.179 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062867.D
Acq: 25 Jun 2019 6:10

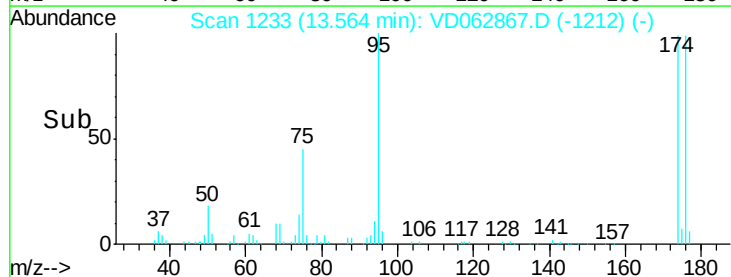
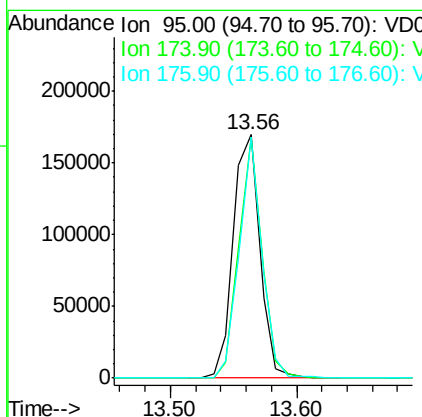
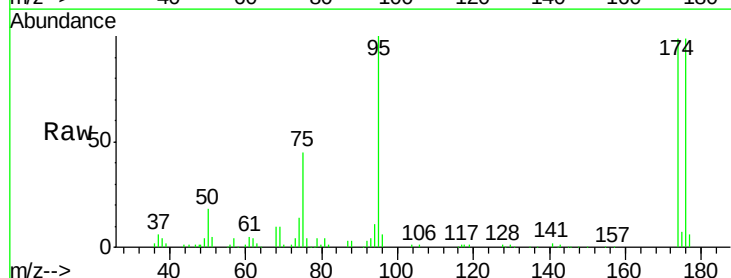
Instrument :
MSVOA_D
ClientSampleId :
BAT-B07

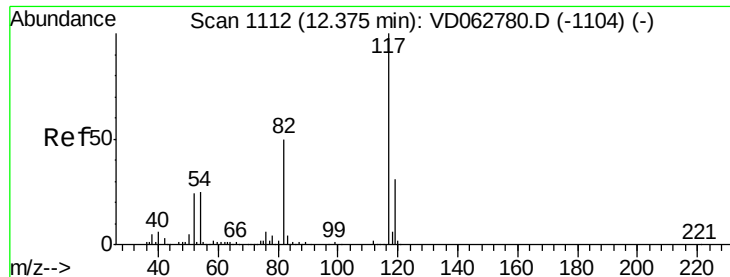
Tot Ion: 98 Resp: 590462
Ion Ratio Lower Upper
98 100
100 68.1 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 37.732 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062867.D
Acq: 25 Jun 2019 6:10

Tgt Ion: 95 Resp: 246018
Ion Ratio Lower Upper
95 100
174 98.9 0.0 158.0
176 99.0 0.0 151.6

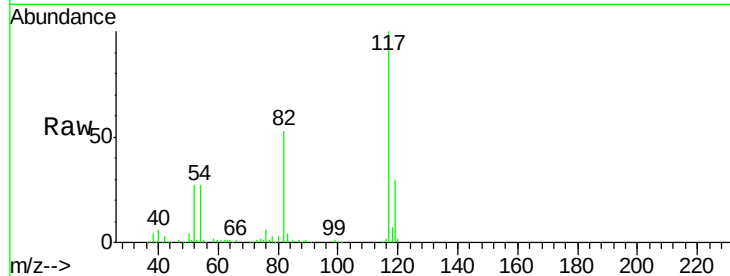




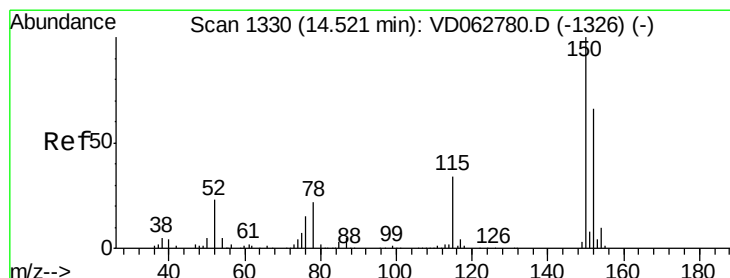
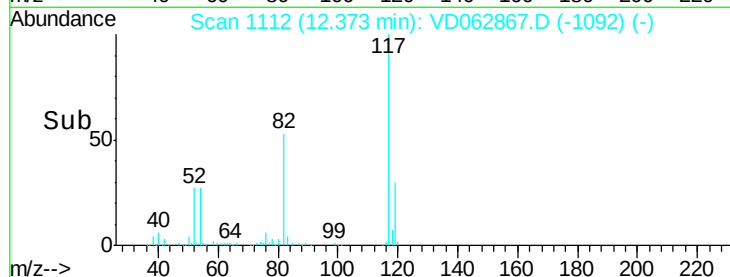
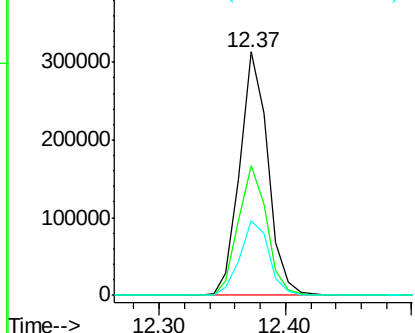
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062867.D
Acq: 25 Jun 2019 6:10

Instrument :
MSVOA_D
ClientSampleId :
BAT-B07

Tot Ion:117 Resp: 484683
Ion Ratio Lower Upper
117 100
82 53.3 40.4 60.6
119 30.4 25.2 37.8

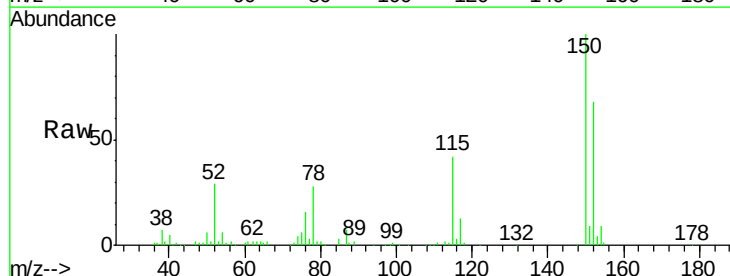


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

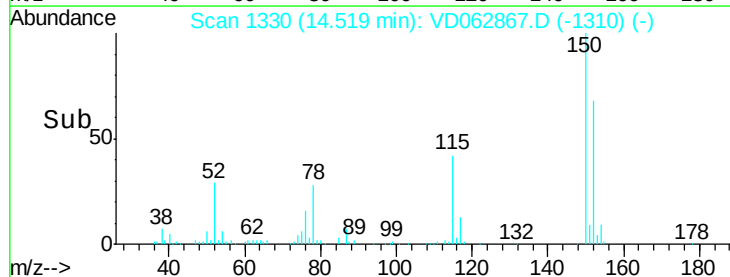
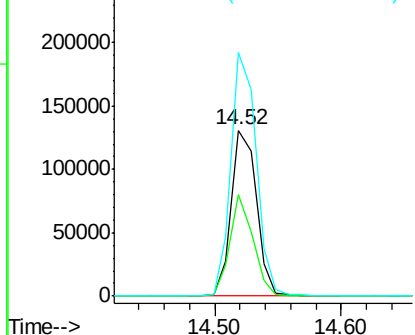


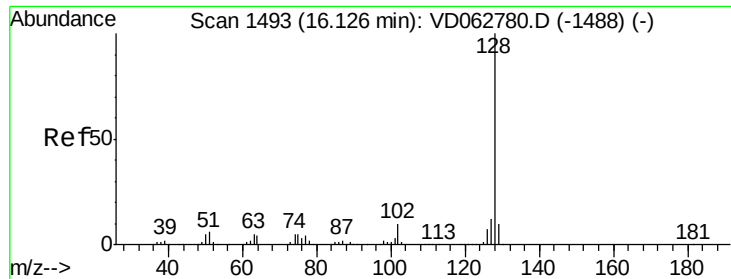
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062867.D
Acq: 25 Jun 2019 6:10

Tgt Ion:152 Resp: 179701
Ion Ratio Lower Upper
152 100
115 61.6 29.2 87.6
150 146.7 0.0 305.8



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

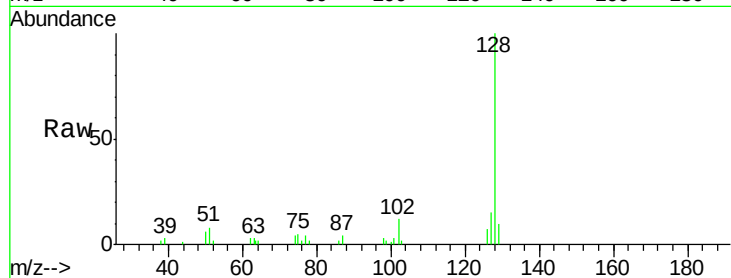




#95
Naphthalene
Concen: 5.459 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD062867.D
Acq: 25 Jun 2019 6:10

Instrument :
MSVOA_D
ClientSampleId :
BAT-B07

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.0	9.7	14.5#
129	9.9	8.3	12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

