

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063441.D
 Acq On : 8 Aug 2019 16:30
 Operator : JC/SY
 Sample : K4223-06
 Misc : 4.87g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Aug 09 07:37:50 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

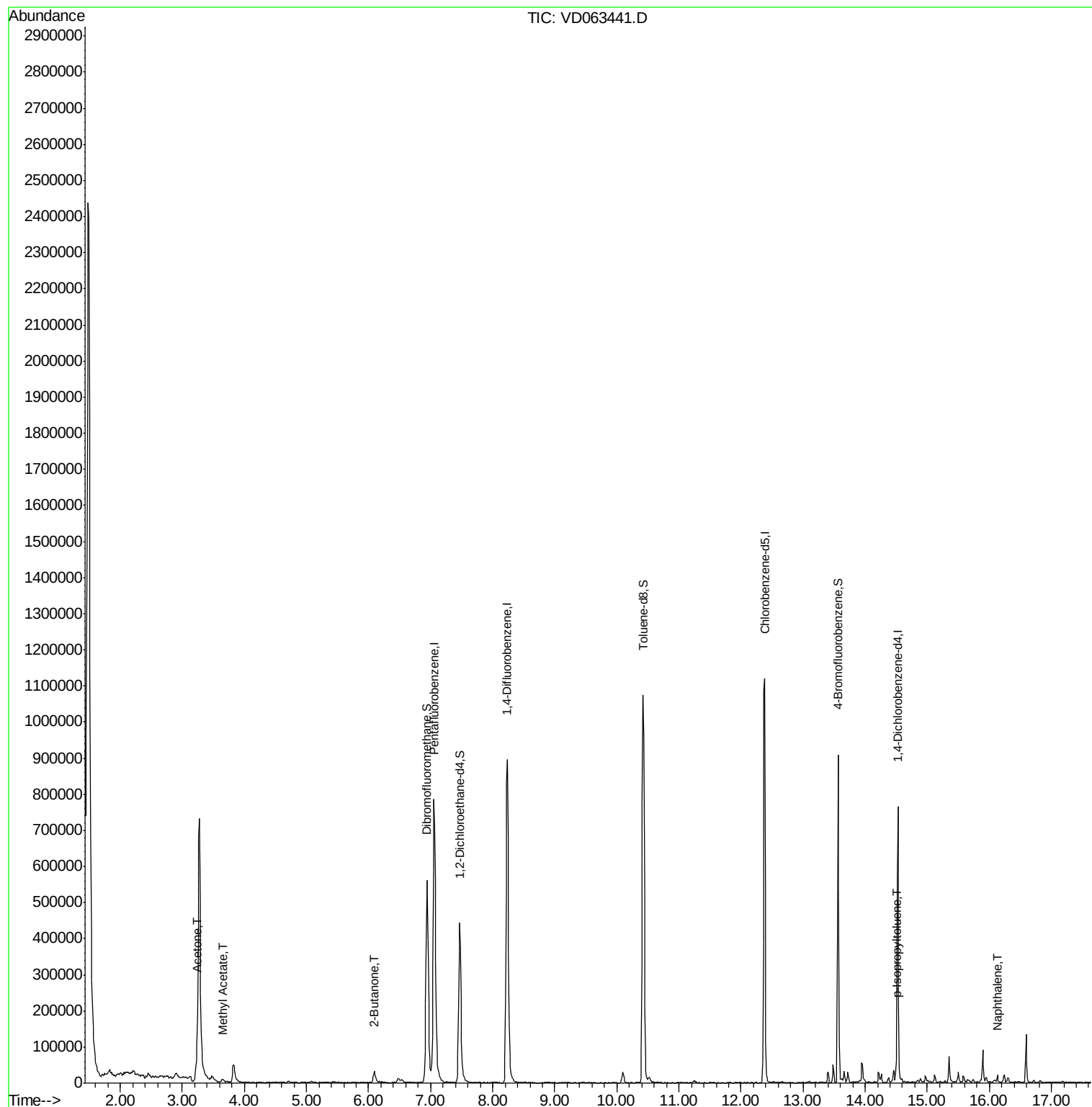
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	783154	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	1015346	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	659522	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	168633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	493877	56.83	ug/l	0.03
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	6.94	113	516479	59.58	ug/l	0.03
Spiked Amount 50.000			Recovery	=	119.16%	
50) Toluene-d8	10.42	98	879896	45.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.70%	
62) 4-Bromofluorobenzene	13.56	95	236954	26.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.60%	
Target Compounds						
16) Acetone	3.24	43	130804	77.256	ug/l	98
18) Methyl Acetate	3.66	43	14322	4.404	ug/l	97
25) 2-Butanone	6.09	43	53433	31.446	ug/l #	91
86) p-Isopropyltoluene	14.50	119	25763	2.458	ug/l	97
95) Naphthalene	16.13	128	9639	1.848	ug/l #	90

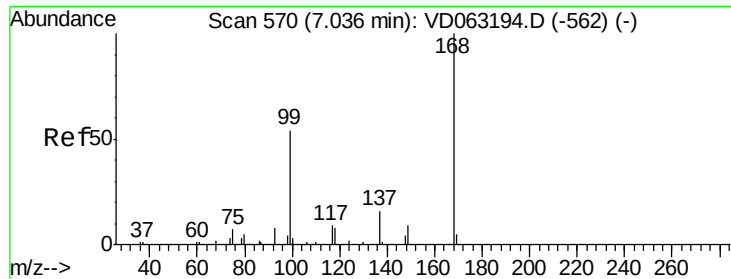
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063441.D

Acq: 8 Aug 2019 16:30

Instrument :

MSVOA_D

ClientSampleId :

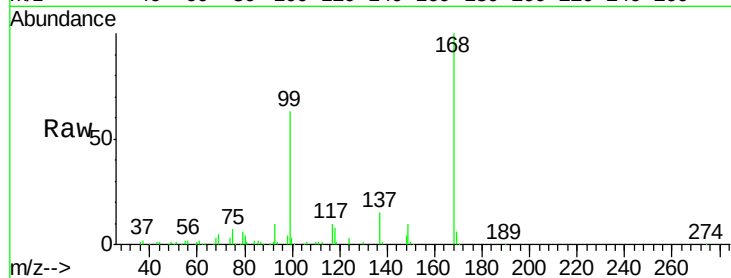
SP-3

Tot Ion:168 Resp: 783154

Ion Ratio Lower Upper

168 100

99 63.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

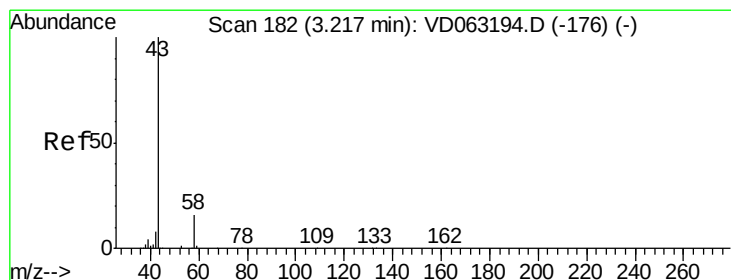
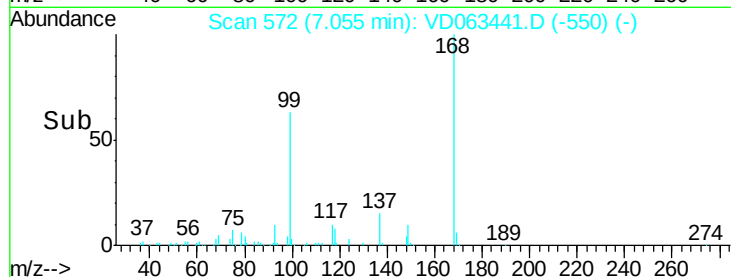
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 77.256 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD063441.D

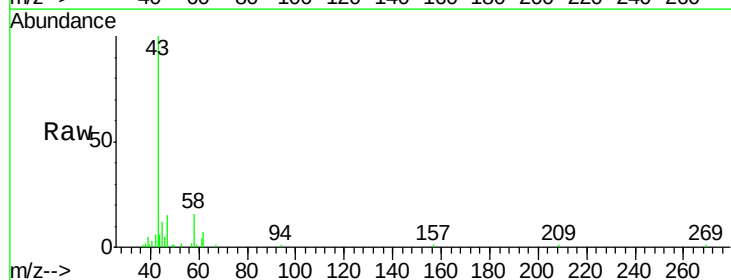
Acq: 8 Aug 2019 16:30

Tgt Ion: 43 Resp: 130804

Ion Ratio Lower Upper

43 100

58 15.5 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

60000

50000

40000

30000

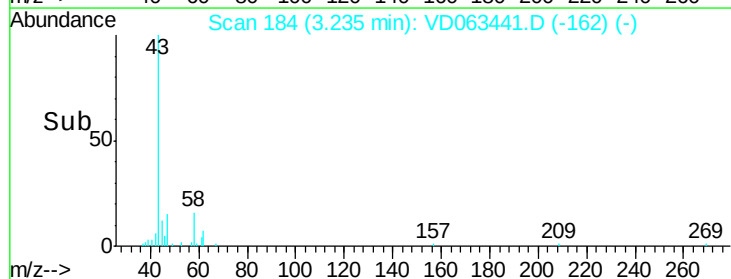
20000

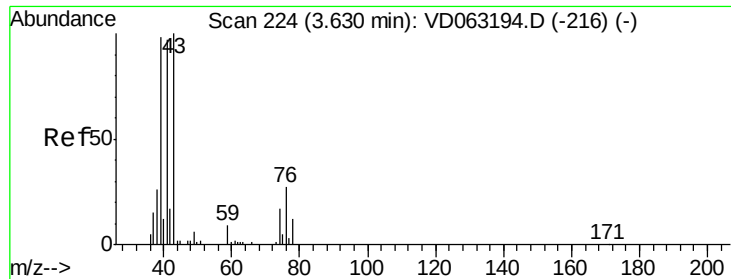
10000

0

Time-->

3.10 3.20 3.30 3.40

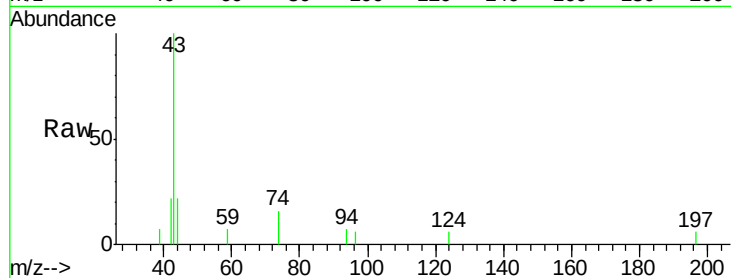




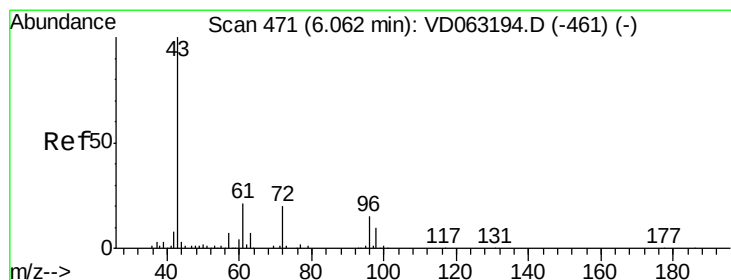
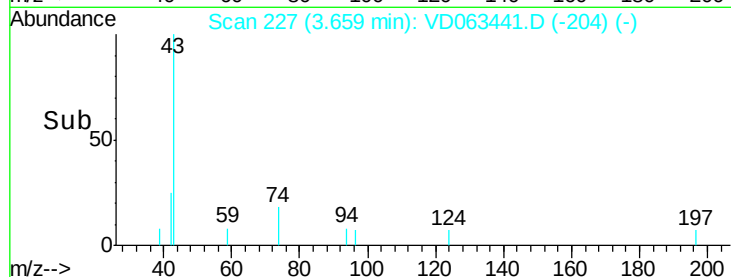
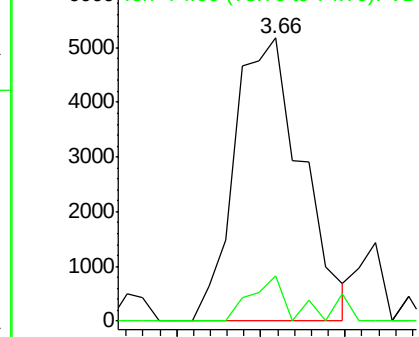
#18
Methvl Acetate
Concen: 4.404 ug/l
RT: 3.66 min Scan# 227
Delta R.T. 0.03 min
Lab File: VD063441.D
Acq: 8 Aug 2019 16:30

Instrument :
MSVOA_D
ClientSampleId :
SP-3

Tot Ion: 43 Resp: 14322
Ion Ratio Lower Upper
43 100
74 15.8 13.8 20.8

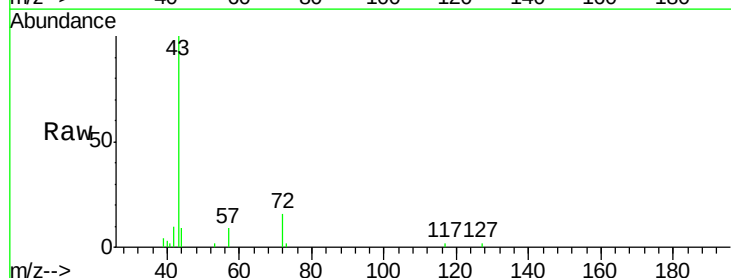


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

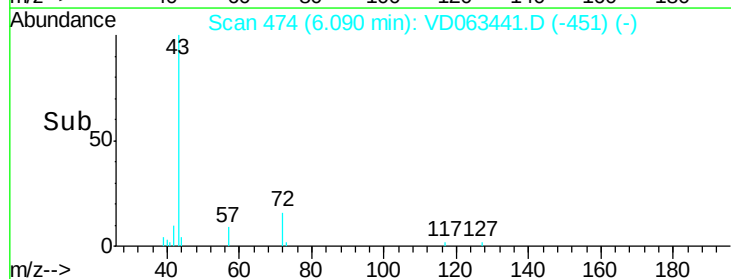
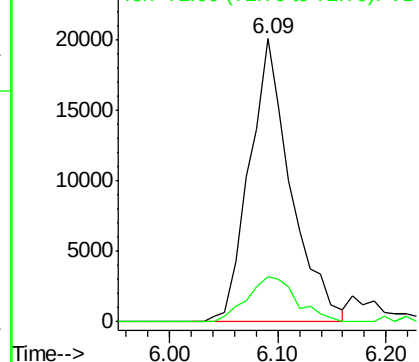


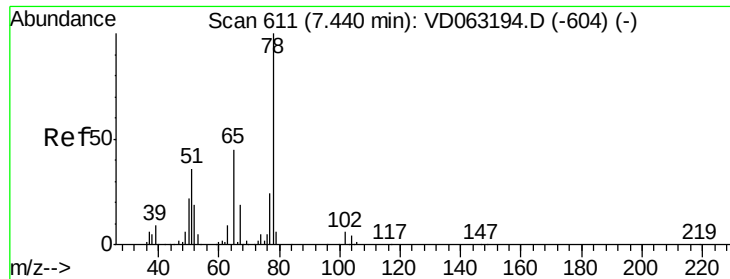
#25
2-Butanone
Concen: 31.446 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.03 min
Lab File: VD063441.D
Acq: 8 Aug 2019 16:30

Tgt Ion: 43 Resp: 53433
Ion Ratio Lower Upper
43 100
72 16.0 16.3 24.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

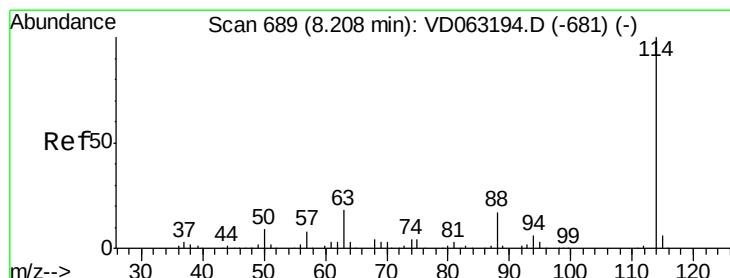
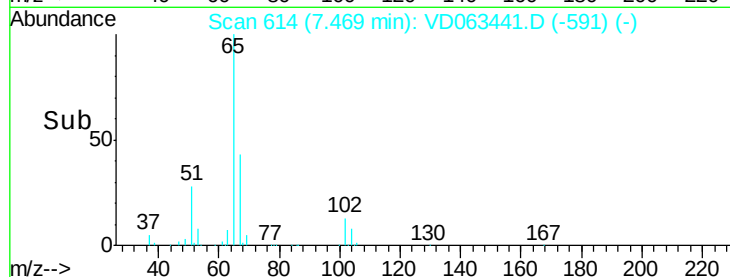
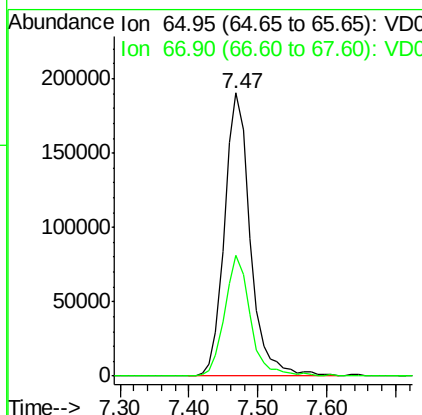
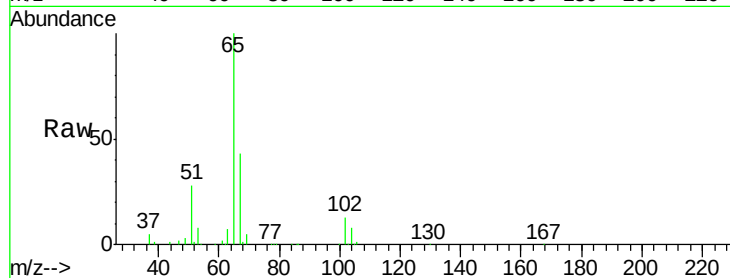




#33
 1,2-Dichloroethane-d4
 Concen: 56.834 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.03 min
 Lab File: VD063441.D
 Acq: 8 Aug 2019 16:30

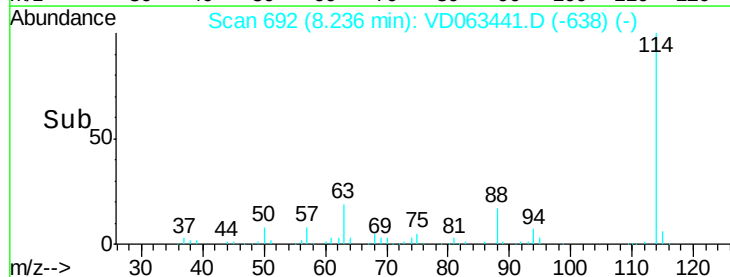
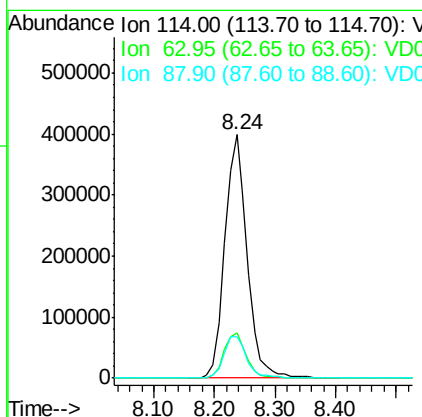
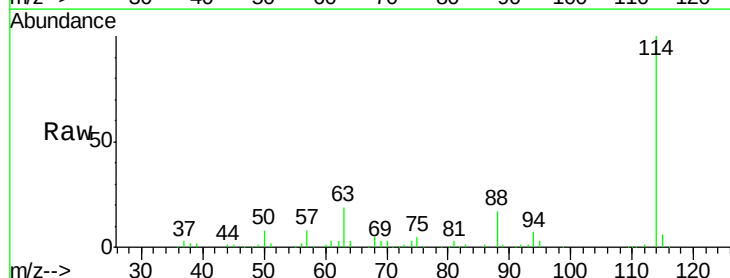
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

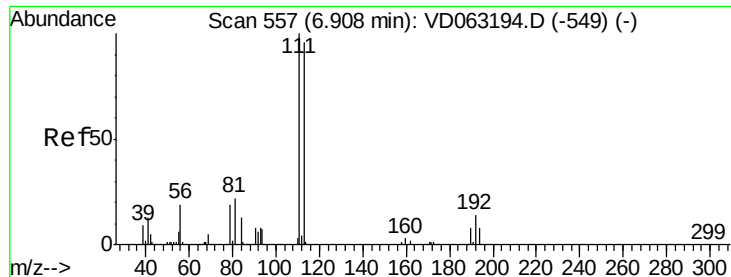
Tot Ion: 65 Resp: 493877
 Ion Ratio Lower Upper
 65 100
 67 42.9 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD063441.D
 Acq: 8 Aug 2019 16:30

Tgt Ion: 114 Resp: 1015346
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.2
 88 17.1 0.0 34.6

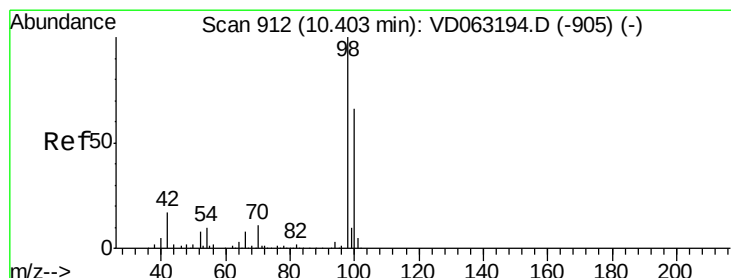
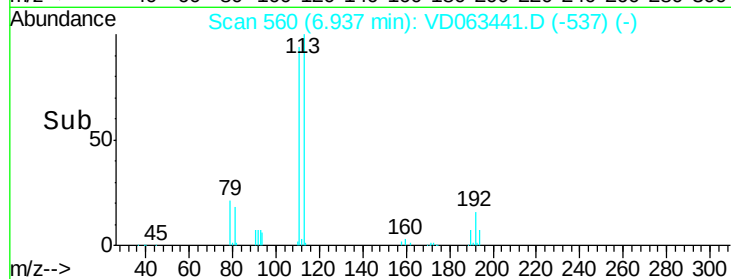
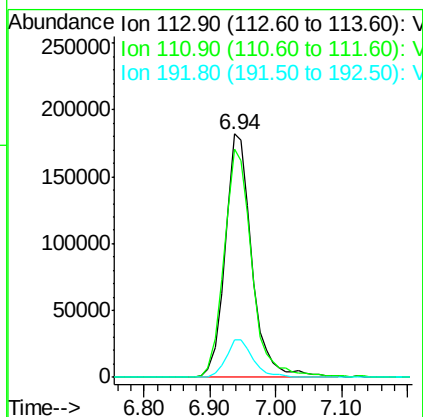
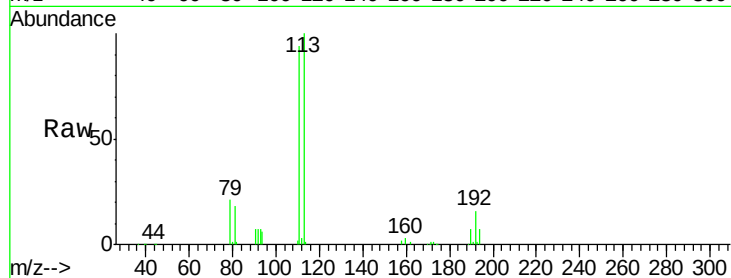




#35
 Dibromofluoromethane
 Concen: 59.578 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD063441.D
 Acq: 8 Aug 2019 16:30

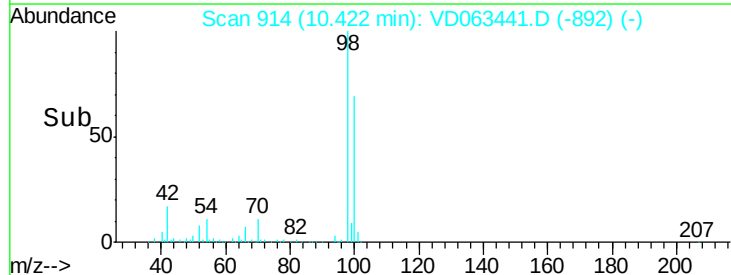
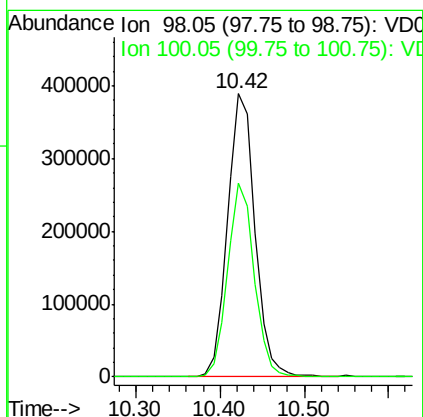
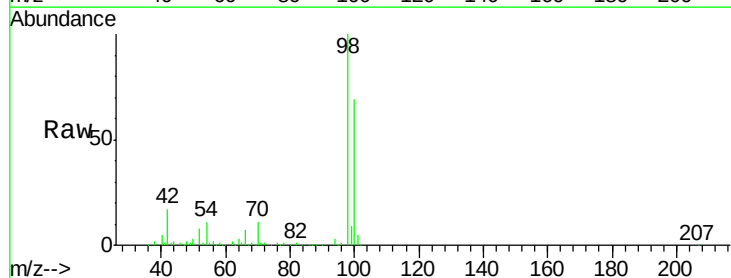
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

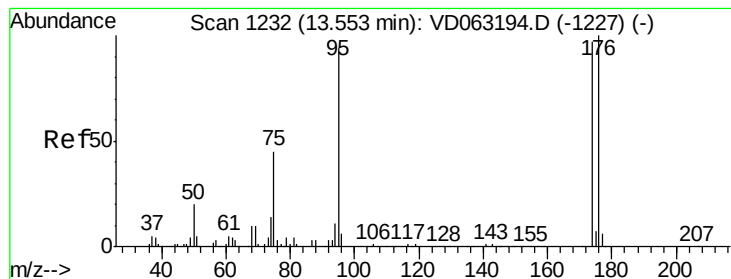
Tot Ion	Ratio	Lower	Upper
113	100		
111	93.8	83.2	124.8
192	15.6	11.8	17.8



#50
 Toluene-d8
 Concen: 45.353 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD063441.D
 Acq: 8 Aug 2019 16:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.7	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 26.802 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063441.D

Acq: 8 Aug 2019 16:30

Instrument :

MSVOA_D

ClientSampleID :

SP-3

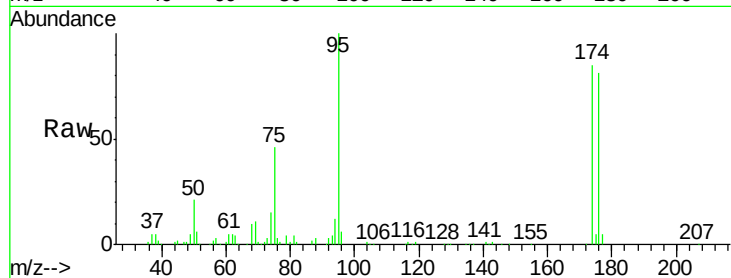
Tot Ion: 95 Resp: 236954

Ion Ratio Lower Upper

95 100

174 84.8 0.0 205.4

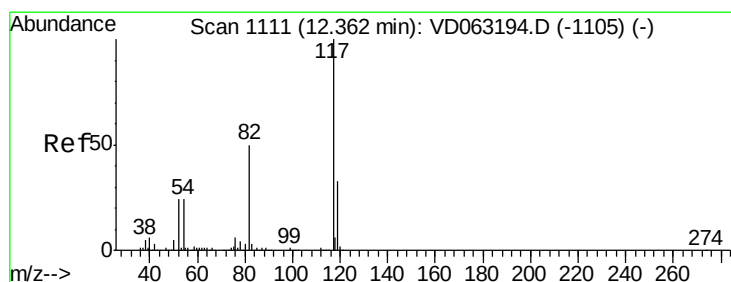
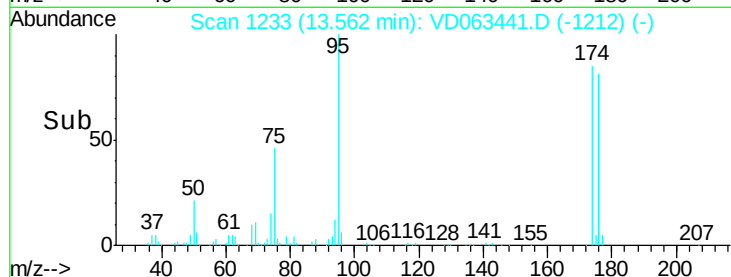
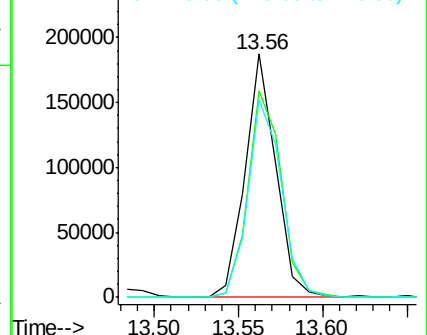
176 81.1 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD063441.D

Acq: 8 Aug 2019 16:30

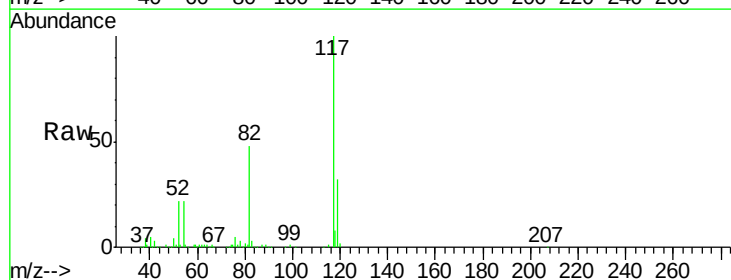
Tgt Ion: 117 Resp: 659522

Ion Ratio Lower Upper

117 100

82 47.8 40.1 60.1

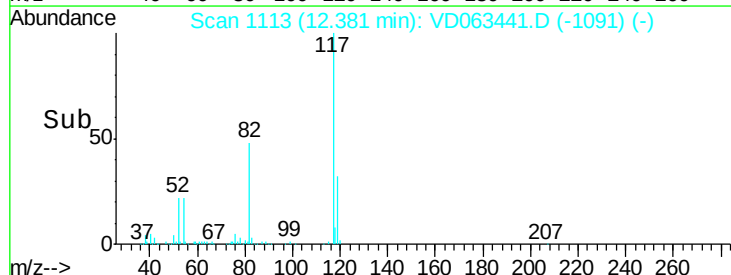
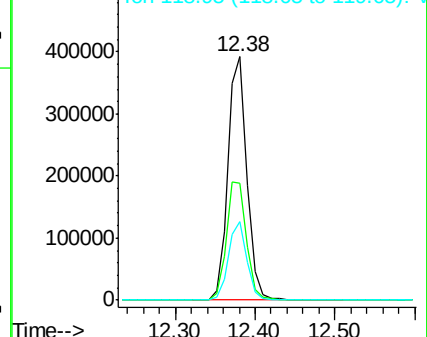
119 32.5 26.5 39.7

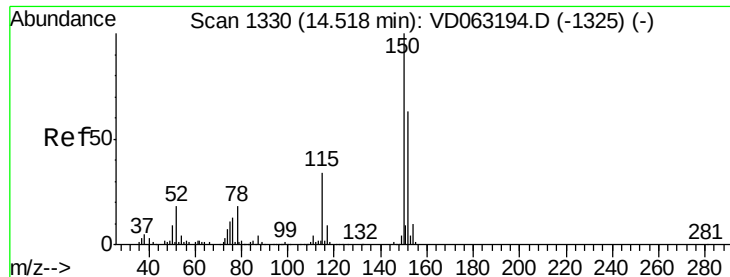


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD063441.D

Acq: 8 Aug 2019 16:30

Instrument :

MSVOA_D

ClientSampled :

SP-3

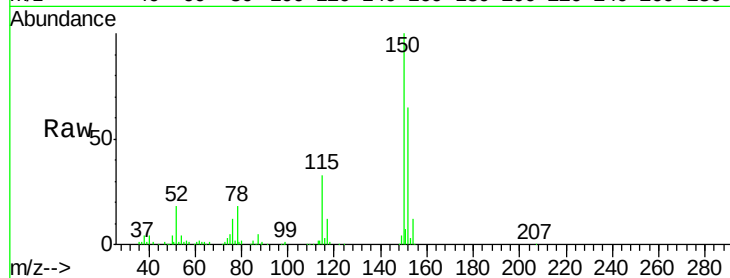
Tot Ion:152 Resp: 168633

Ion Ratio Lower Upper

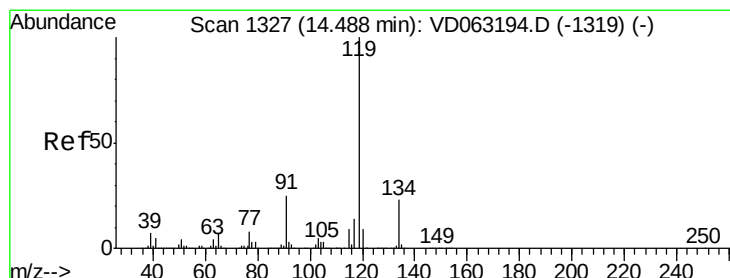
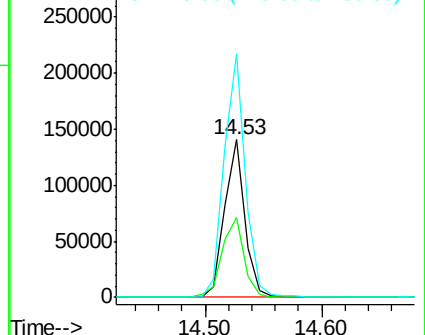
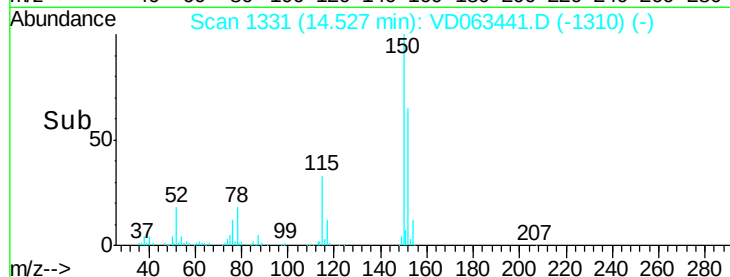
152 100

115 51.0 27.5 82.4

150 154.7 0.0 320.6



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



#86

p-Isopropyltoluene

Concen: 2.458 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.01 min

Lab File: VD063441.D

Acq: 8 Aug 2019 16:30

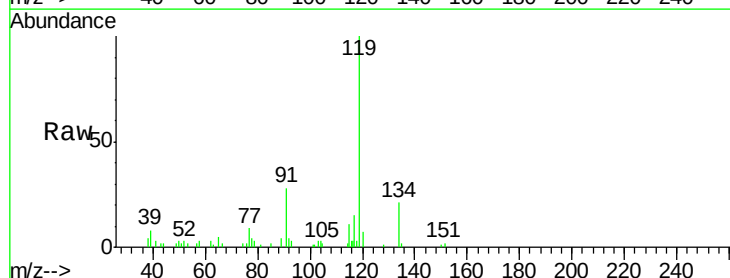
Tgt Ion:119 Resp: 25763

Ion Ratio Lower Upper

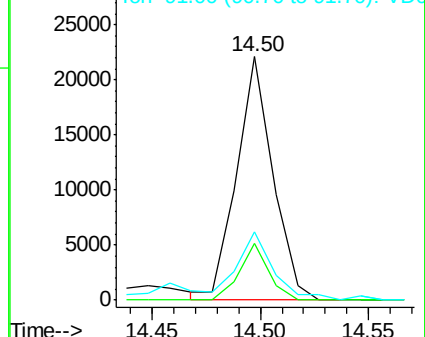
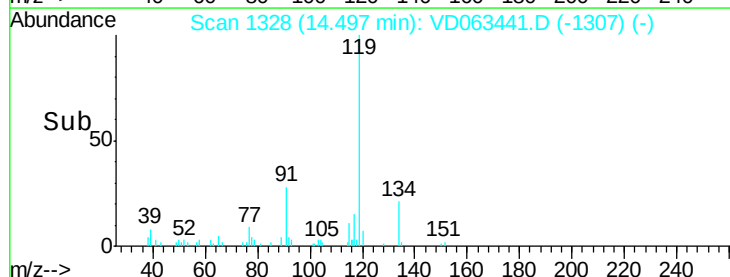
119 100

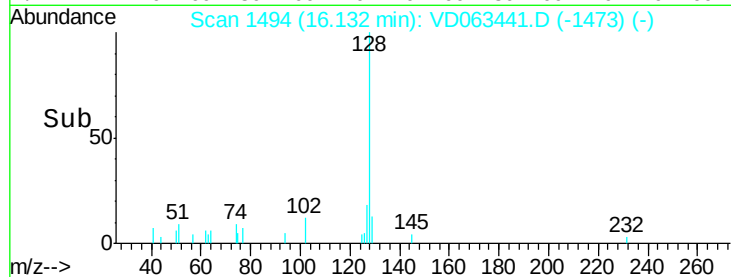
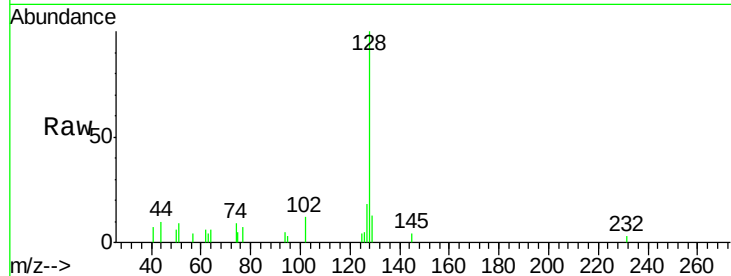
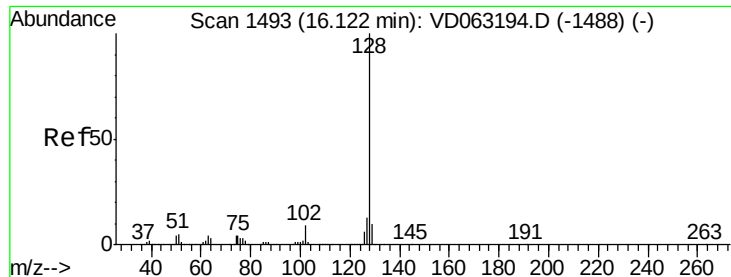
134 23.1 11.5 34.5

91 27.9 12.6 37.6



Abundance Ion 119.05 (118.75 to 119.75): V
Ion 134.10 (133.80 to 134.80): V
Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 1.848 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD063441.D

Acq: 8 Aug 2019 16:30

Instrument :

MSVOA_D

ClientSampleId :

SP-3

Tot Ion:128 Resp: 9639

Ion Ratio Lower Upper

128 100

127 17.5 10.2 15.4#

129 12.8 7.8 11.8#

