

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063439.D
 Acq On : 8 Aug 2019 15:36
 Operator : JC/SY
 Sample : K4223-02
 Misc : 4.67g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Aug 09 07:33:55 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

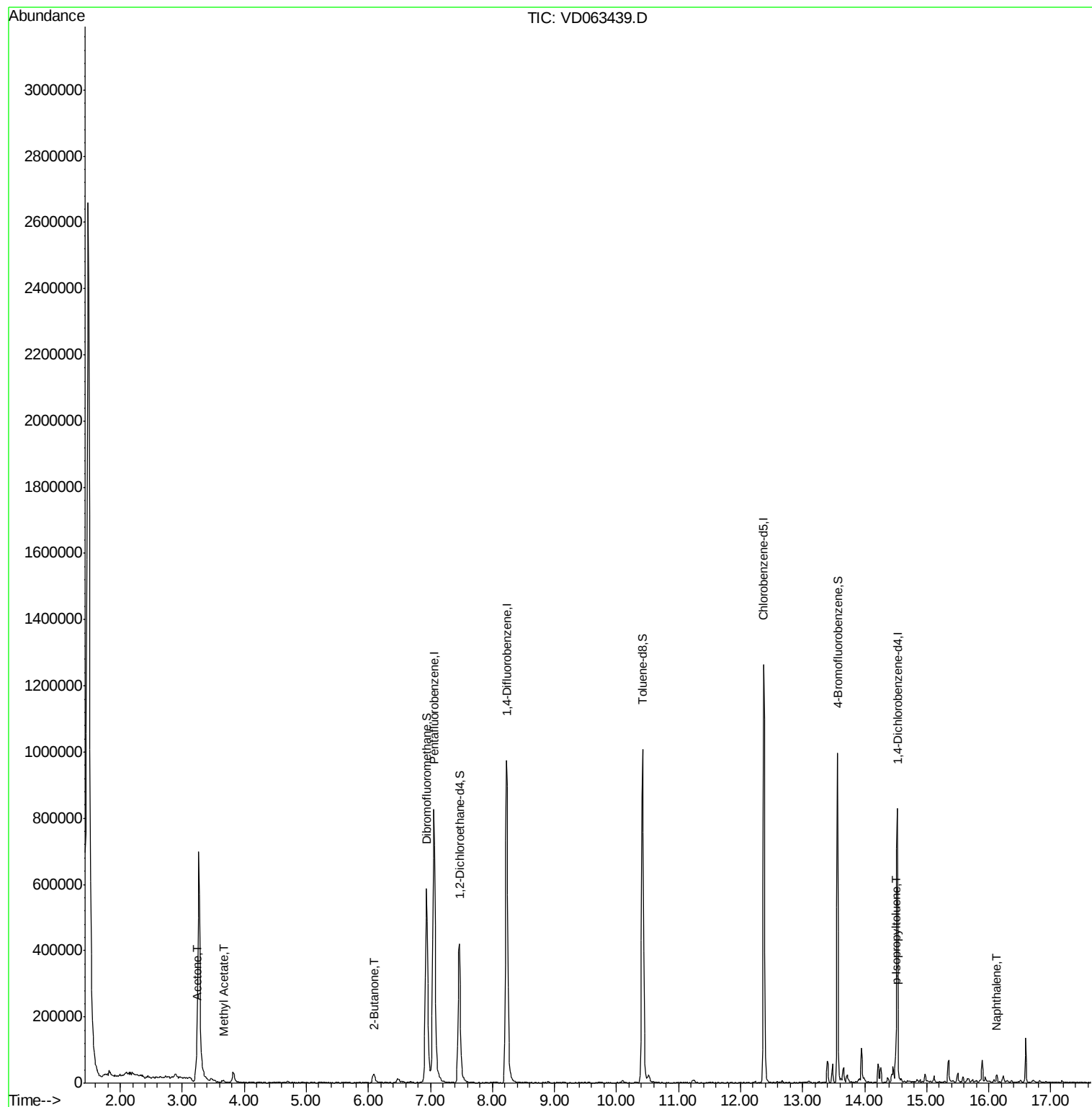
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	807669	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1111184	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	709550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	195603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	469563	52.40	ug/l	0.03
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	6.94	113	511449	53.91	ug/l	0.03
Spiked Amount 50.000			Recovery	=	107.82%	
50) Toluene-d8	10.42	98	840516	39.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.18%	
62) 4-Bromofluorobenzene	13.56	95	251820	26.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.06%	
Target Compounds						
16) Acetone	3.23	43	121015	69.305	ug/l #	88
18) Methyl Acetate	3.67	43	10865	3.239	ug/l #	86
25) 2-Butanone	6.09	43	51184	29.208	ug/l #	80
86) p-Isopropyltoluene	14.50	119	31329	2.577	ug/l	96
95) Naphthalene	16.13	128	13449	2.223	ug/l #	95

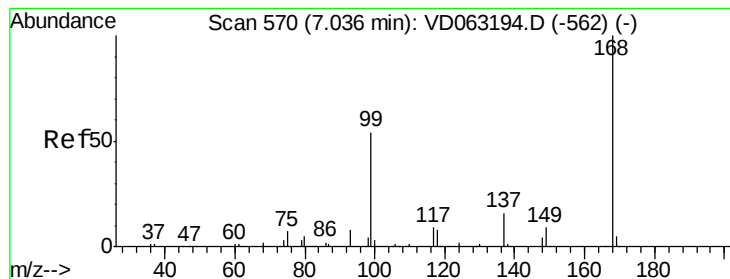
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 09 07:33:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
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: VD063439.D

Acq: 8 Aug 2019 15:36

Instrument :

MSVOA_D

ClientSampleId :

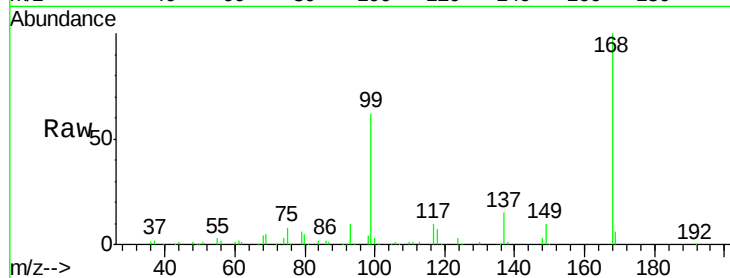
SP-1

Tot Ion:168 Resp: 807669

Ion Ratio Lower Upper

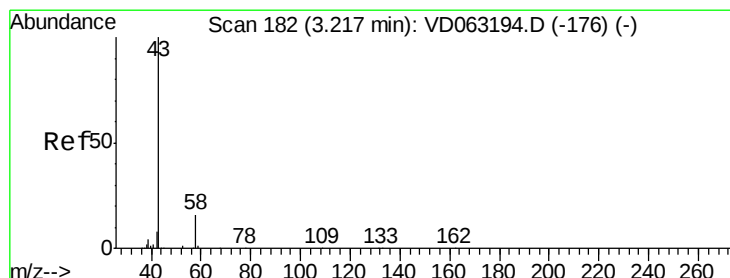
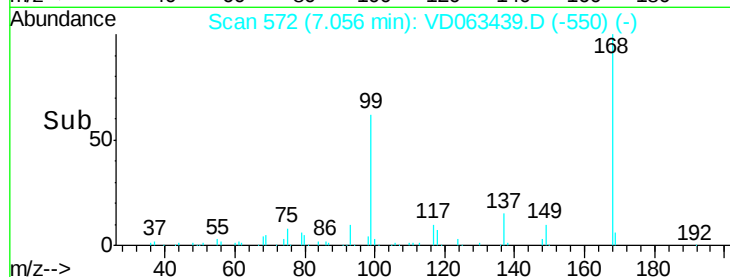
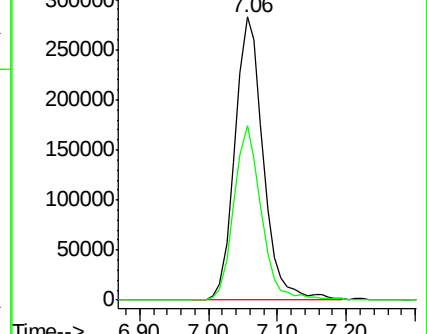
168 100

99 61.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 69.305 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063439.D

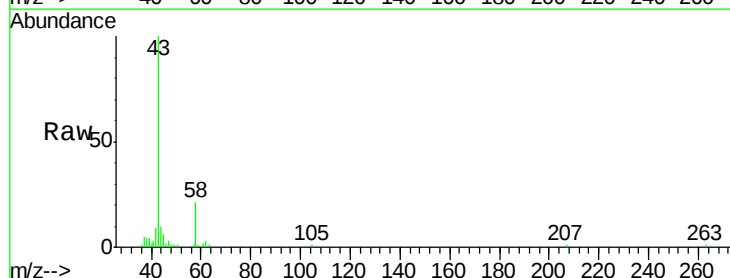
Acq: 8 Aug 2019 15:36

Tgt Ion: 43 Resp: 121015

Ion Ratio Lower Upper

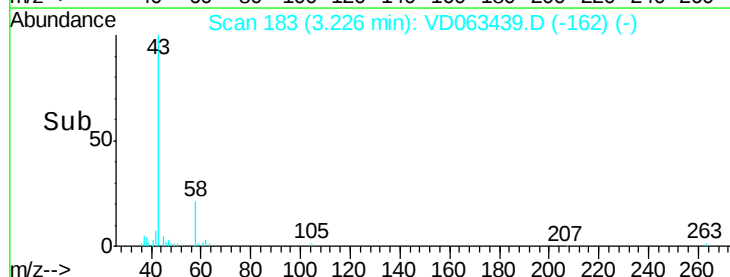
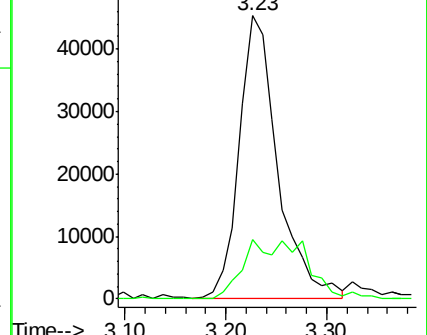
43 100

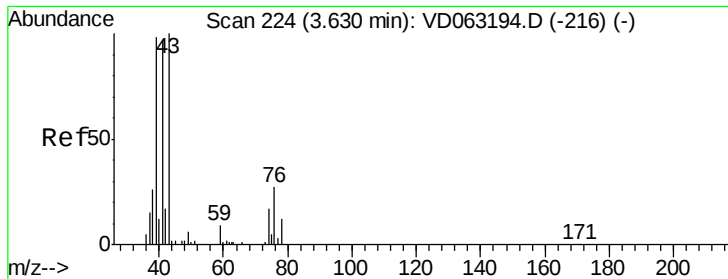
58 21.1 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

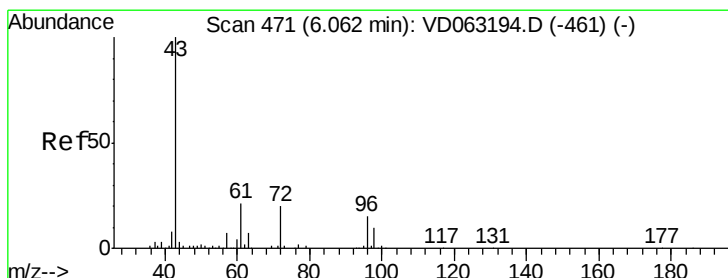
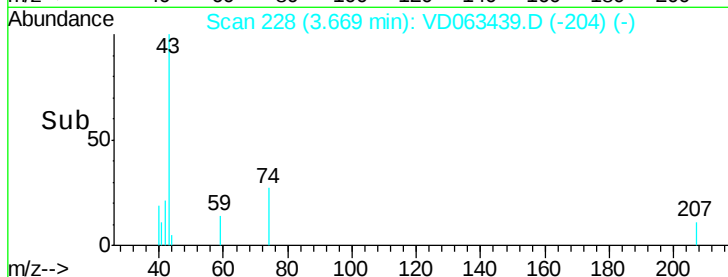
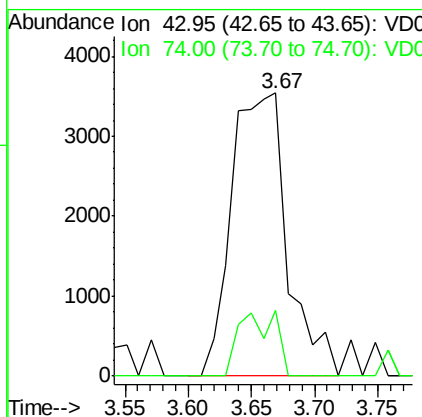
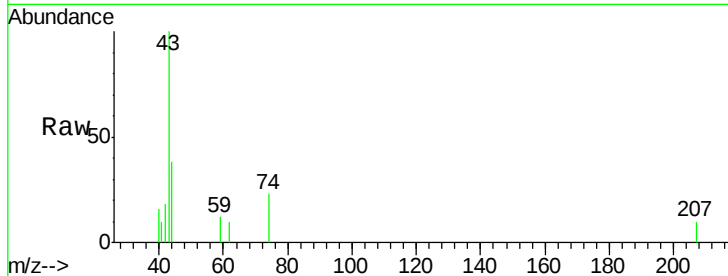




#18
Methvl Acetate
Concen: 3.239 ug/l
RT: 3.67 min Scan# 228
Delta R.T. 0.04 min
Lab File: VD063439.D
Acq: 8 Aug 2019 15:36

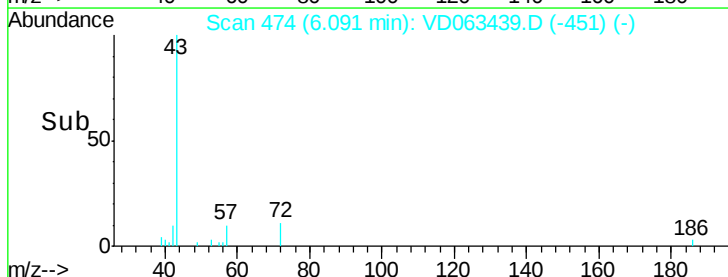
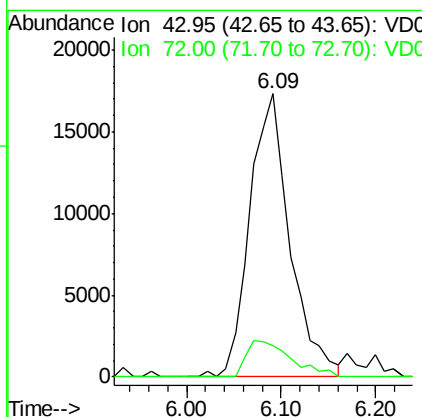
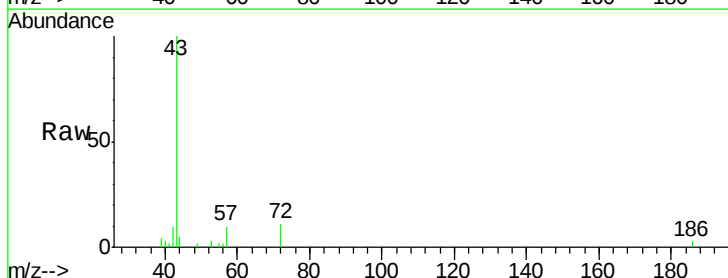
Instrument :
MSVOA_D
ClientSampleId :
SP-1

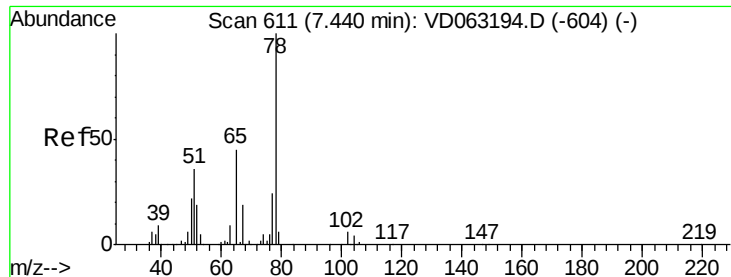
Tot Ion: 43 Resp: 10865
Ion Ratio Lower Upper
43 100
74 23.2 13.8 20.8#



#25
2-Butanone
Concen: 29.208 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.03 min
Lab File: VD063439.D
Acq: 8 Aug 2019 15:36

Tgt Ion: 43 Resp: 51184
Ion Ratio Lower Upper
43 100
72 11.0 16.3 24.5#

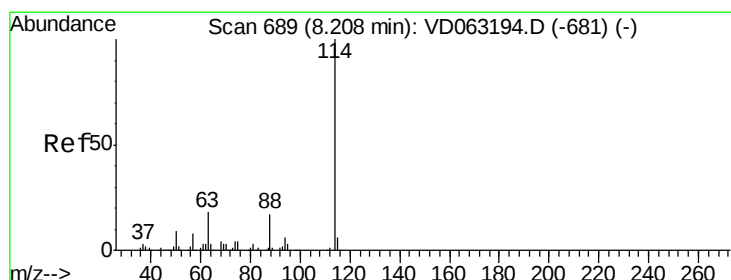
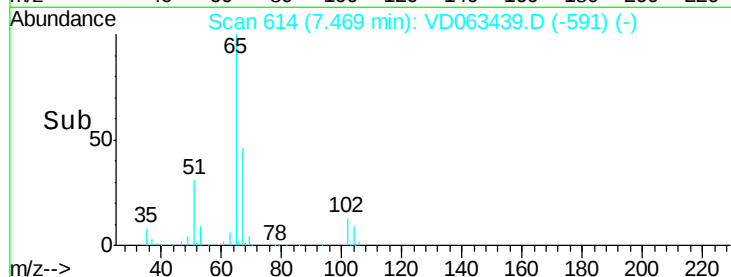
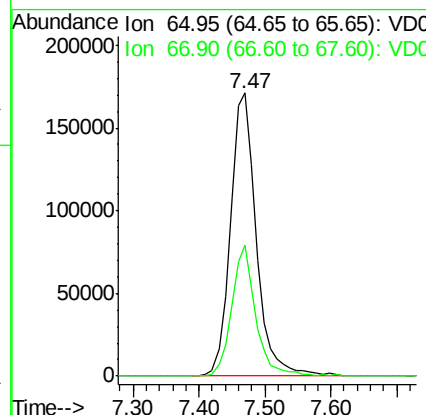
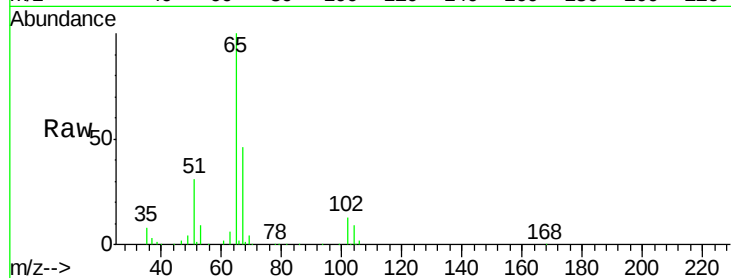




#33
 1,2-Dichloroethane-d4
 Concen: 52.396 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.03 min
 Lab File: VD063439.D
 Acq: 8 Aug 2019 15:36

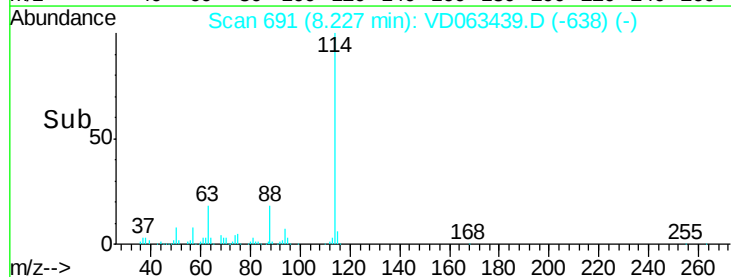
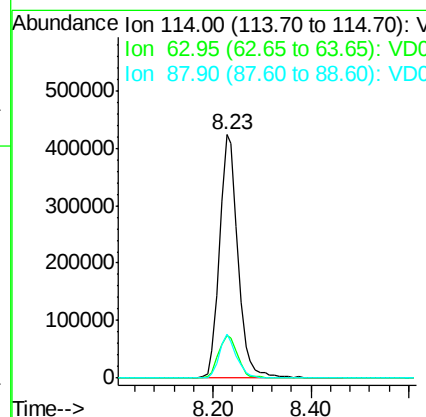
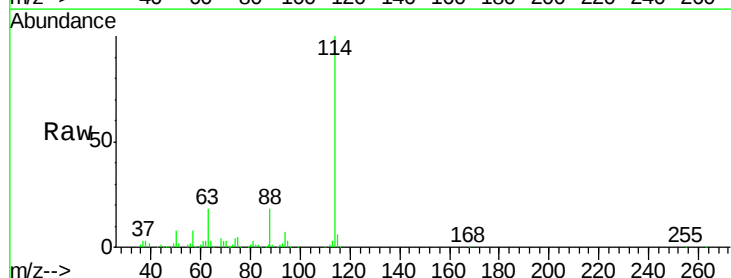
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

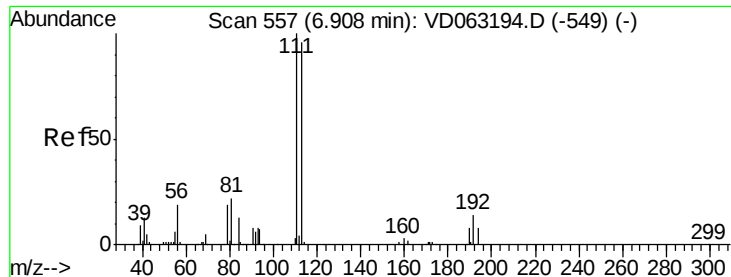
Tot Ion: 65 Resp: 469563
 Ion Ratio Lower Upper
 65 100
 67 46.1 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063439.D
 Acq: 8 Aug 2019 15:36

Tgt Ion: 114 Resp: 1111184
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 18.2 0.0 34.6

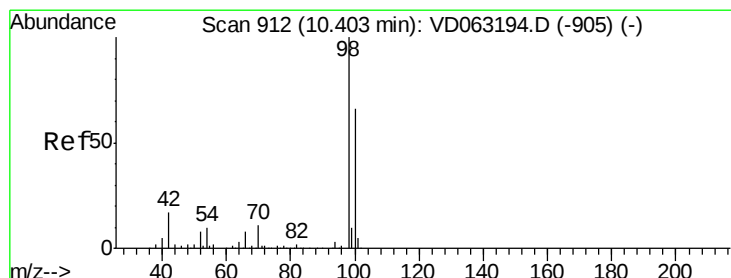
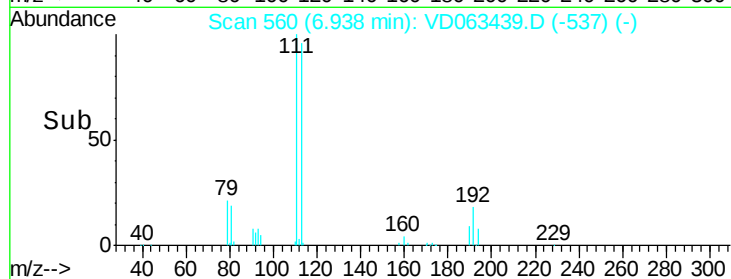
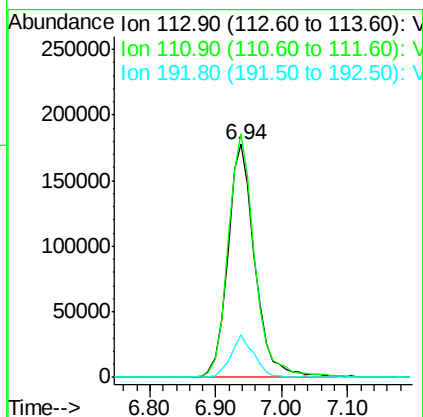
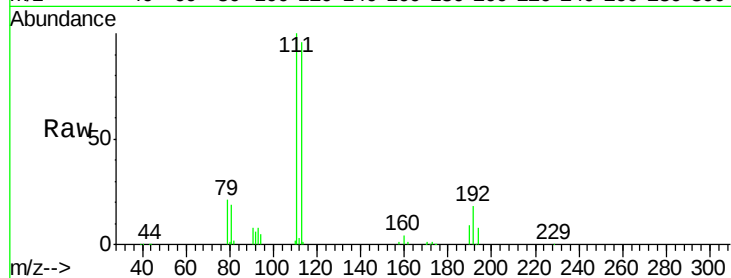




#35
 Dibromofluoromethane
 Concen: 53.910 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD063439.D
 Acq: 8 Aug 2019 15:36

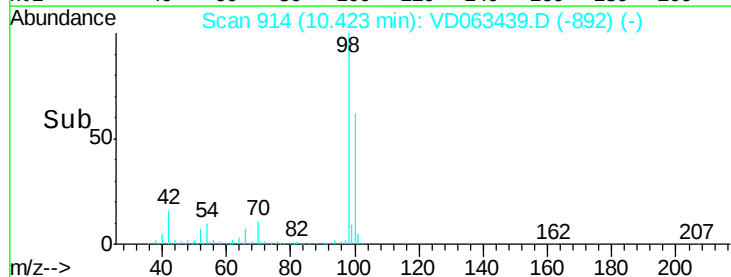
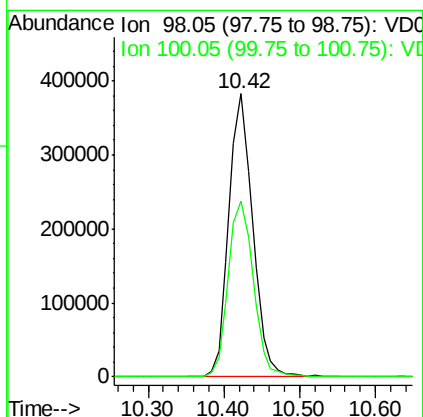
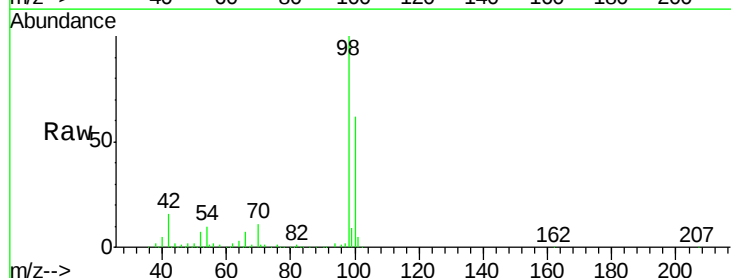
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

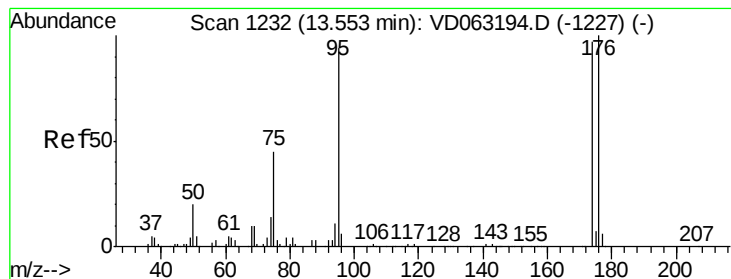
Tot Ion:113 Resp: 511449
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.2 124.8
 192 18.4 11.8 17.8#



#50
 Toluene-d8
 Concen: 39.587 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD063439.D
 Acq: 8 Aug 2019 15:36

Tgt Ion: 98 Resp: 840516
 Ion Ratio Lower Upper
 98 100
 100 62.1 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 26.027 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063439.D

Acq: 8 Aug 2019 15:36

Instrument :

MSVOA_D

ClientSampled :

SP-1

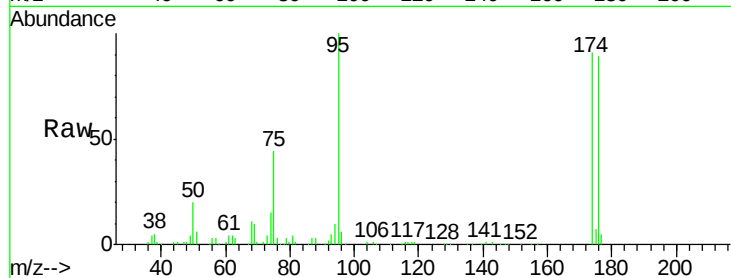
Tot Ion: 95 Resp: 251820

Ion Ratio Lower Upper

95 100

174 91.4 0.0 205.4

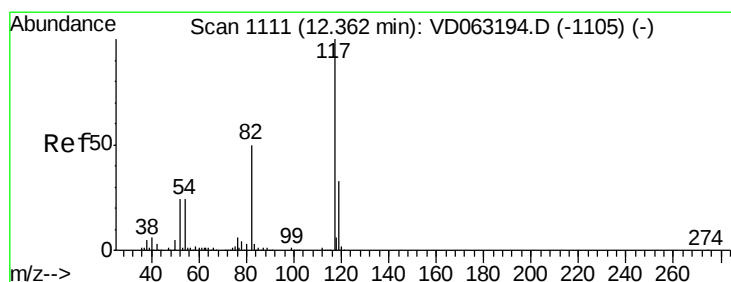
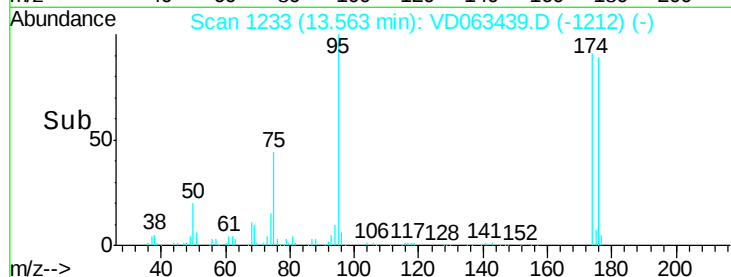
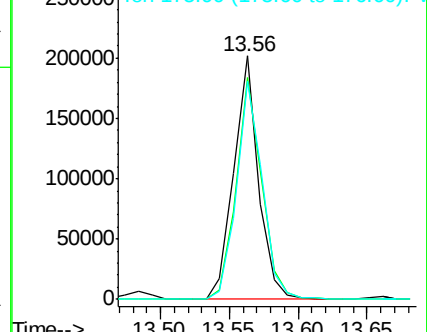
176 89.3 0.0 211.8



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD063439.D

Acq: 8 Aug 2019 15:36

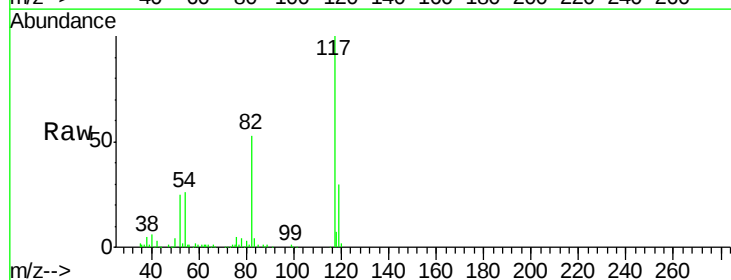
Tgt Ion: 117 Resp: 709550

Ion Ratio Lower Upper

117 100

82 53.1 40.1 60.1

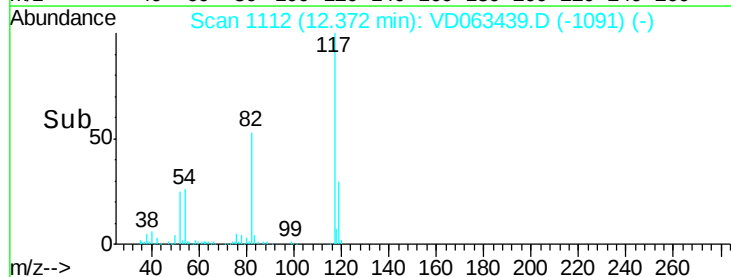
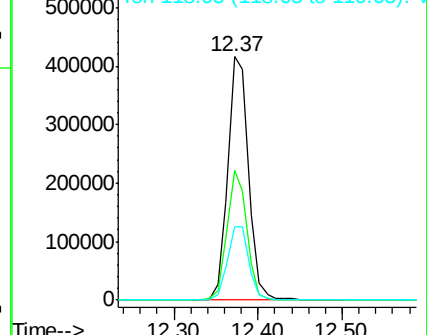
119 30.1 26.5 39.7

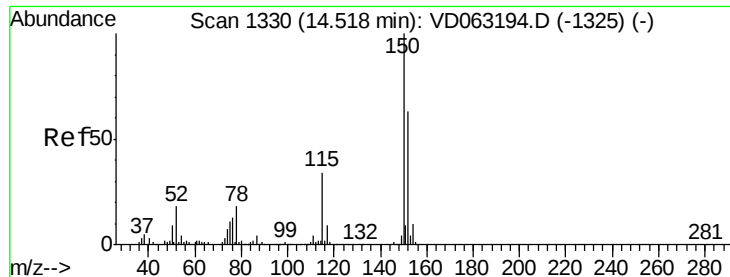


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063439.D

Acq: 8 Aug 2019 15:36

Instrument :

MSVOA_D

ClientSampleId :

SP-1

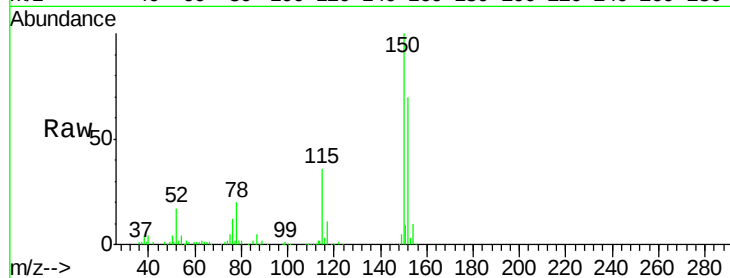
Tot Ion:152 Resp: 195603

Ion Ratio Lower Upper

152 100

115 51.1 27.5 82.4

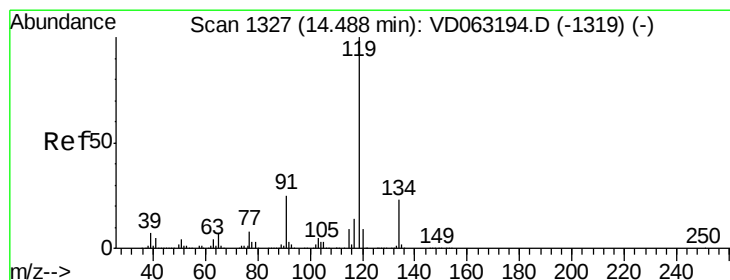
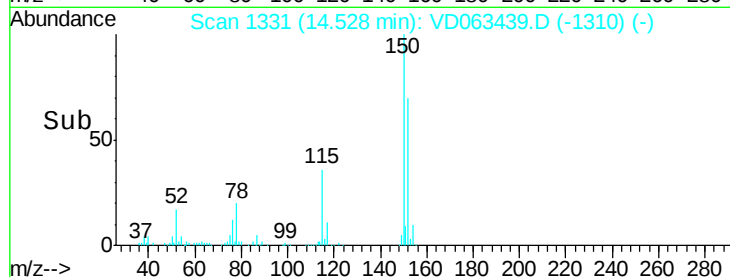
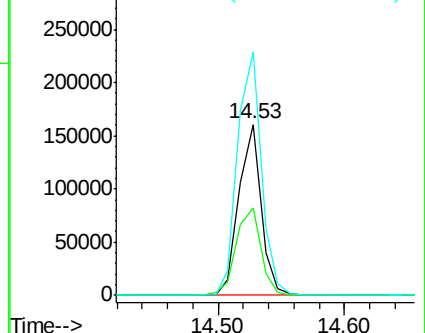
150 142.6 0.0 320.6



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: 2.577 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.01 min

Lab File: VD063439.D

Acq: 8 Aug 2019 15:36

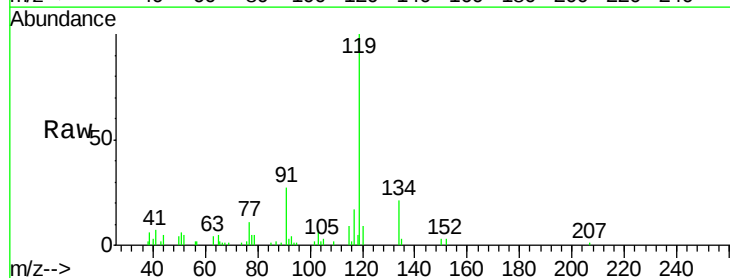
Tgt Ion:119 Resp: 31329

Ion Ratio Lower Upper

119 100

134 21.5 11.5 34.5

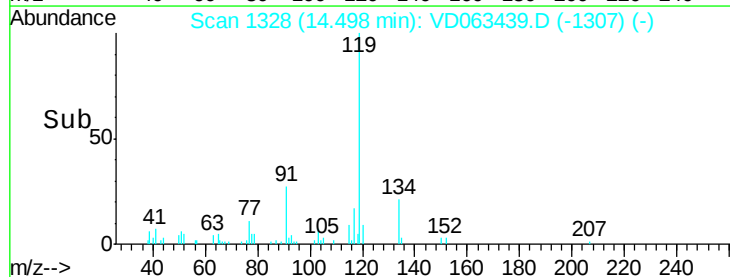
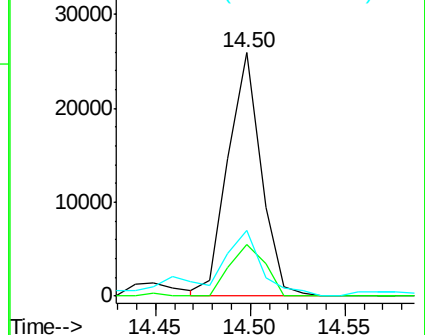
91 27.1 12.6 37.6

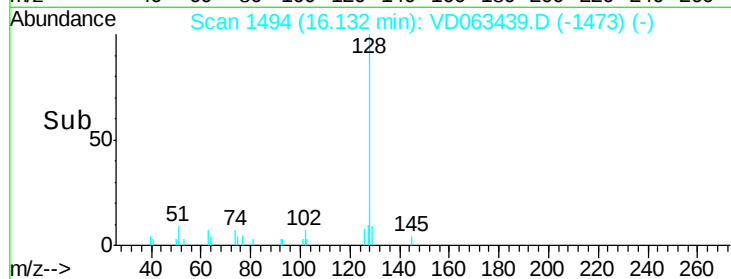
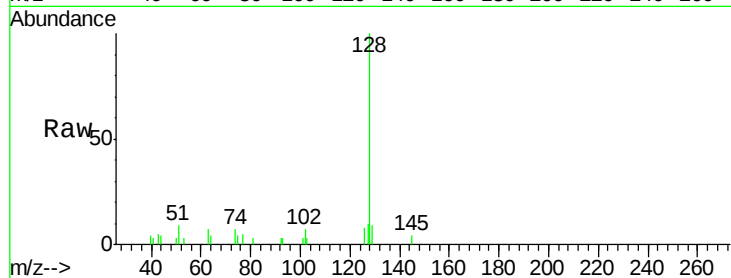
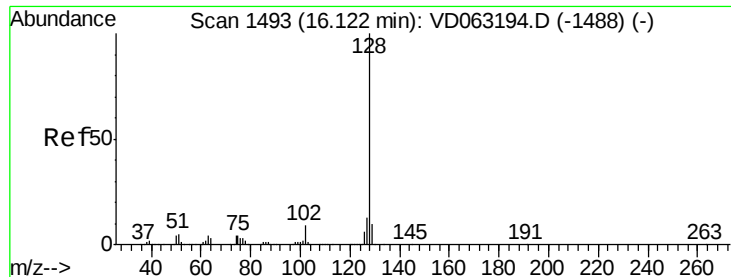


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 2.223 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD063439.D

Acq: 8 Aug 2019 15:36

Instrument :

MSVOA_D

ClientSampleId :

SP-1

Tot Ion:128 Resp: 13449

Ion Ratio Lower Upper

128 100

127 10.0 10.2 15.4#

129 8.6 7.8 11.8

