

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063460.D
 Acq On : 9 Aug 2019 2:58
 Operator : JC/SY
 Sample : K4223-28
 Misc : 3.55g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-14

Quant Time: Aug 09 08:14:08 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

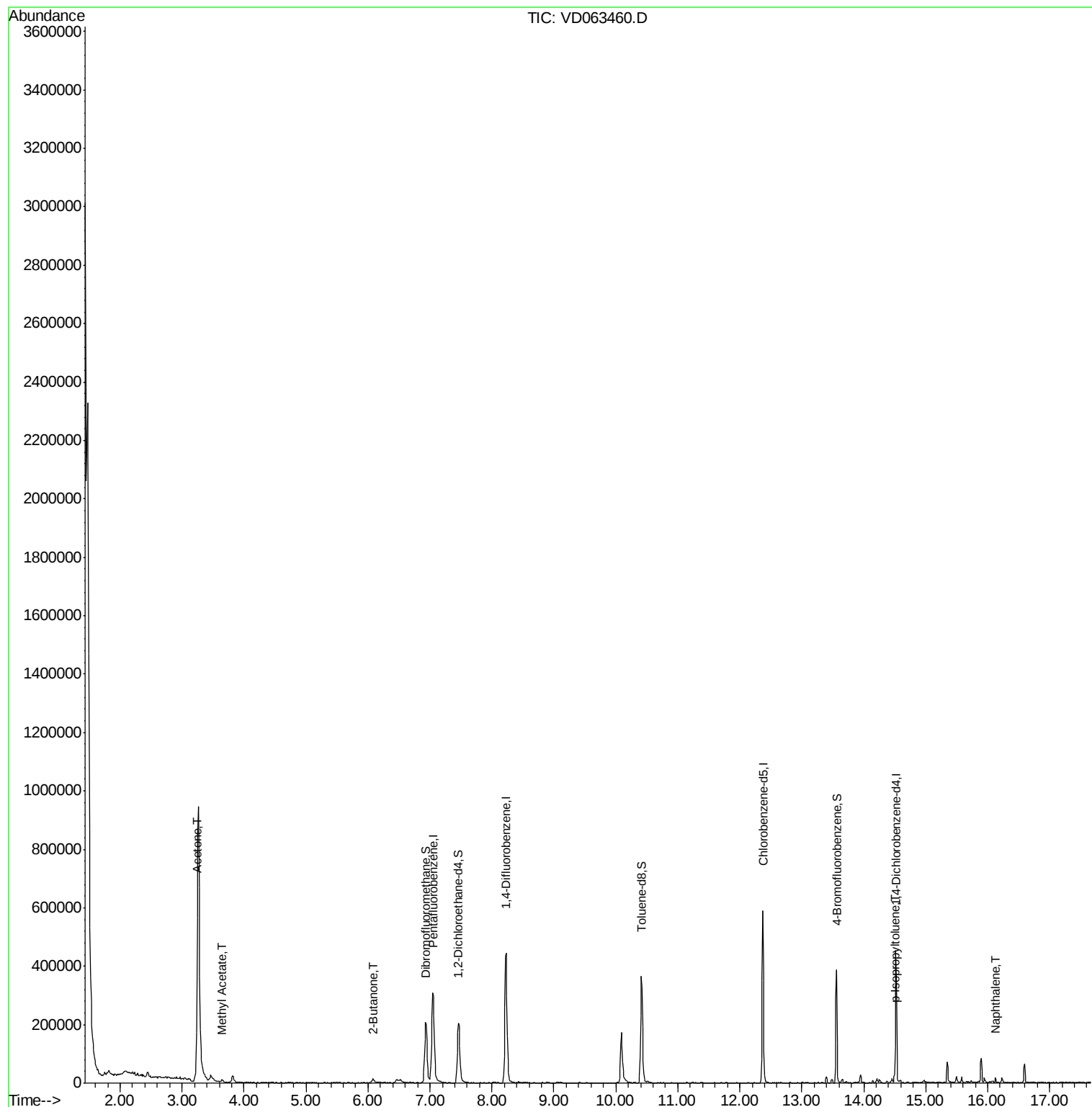
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	308175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	476752	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	305973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	102932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	244811	71.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	143.18%	
35) Dibromofluoromethane	6.93	113	186263	45.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.52%	
50) Toluene-d8	10.41	98	284970	31.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.56%	
62) 4-Bromofluorobenzene	13.56	95	104939	25.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.56%	
Target Compounds						
16) Acetone	3.24	43	65179	97.829	ug/l #	90
18) Methyl Acetate	3.64	43	17087	13.352	ug/l	97
25) 2-Butanone	6.08	43	24495	36.634	ug/l #	77
86) p-Isopropyltoluene	14.50	119	12058	1.885	ug/l	85
95) Naphthalene	16.12	128	10314	3.239	ug/l #	93

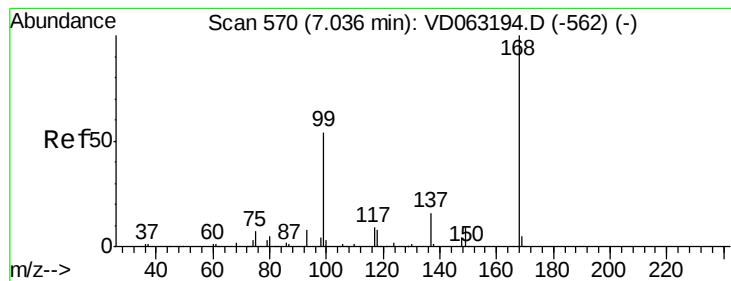
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063460.D

Acq: 9 Aug 2019 2:58

Instrument :

MSVOA_D

ClientSampleId :

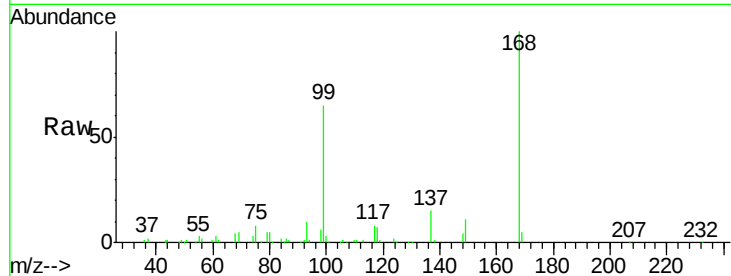
SP-14

Tot Ion:168 Resp: 308175

Ion Ratio Lower Upper

168 100

99 64.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

100000

80000

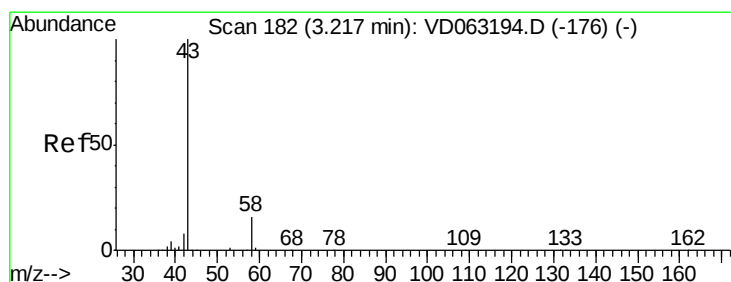
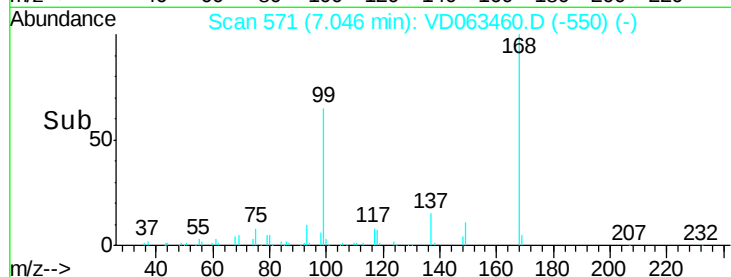
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 97.829 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD063460.D

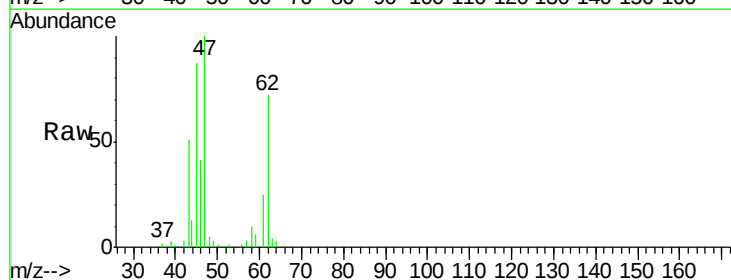
Acq: 9 Aug 2019 2:58

Tgt Ion: 43 Resp: 65179

Ion Ratio Lower Upper

43 100

58 20.5 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

20000

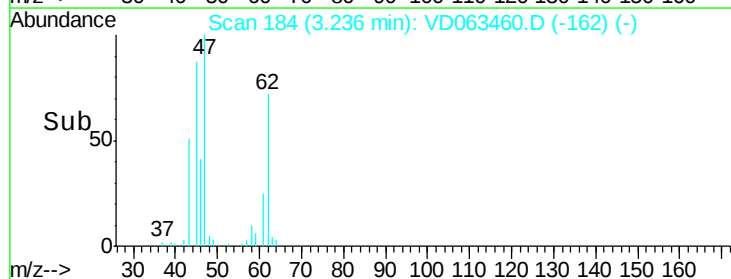
15000

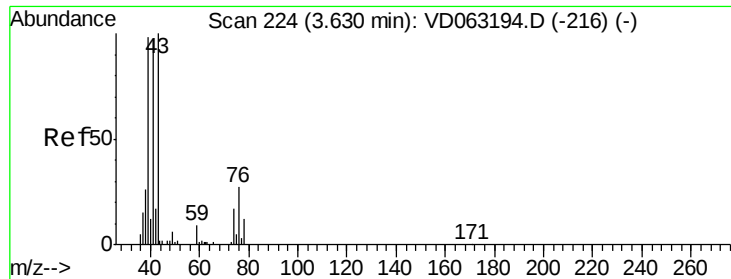
10000

5000

0

Time-->

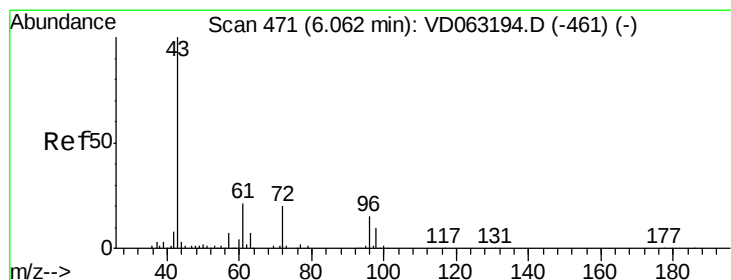
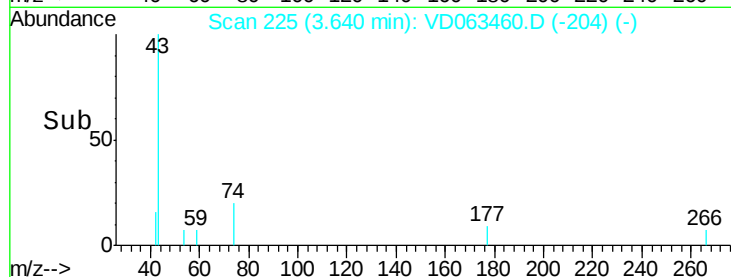
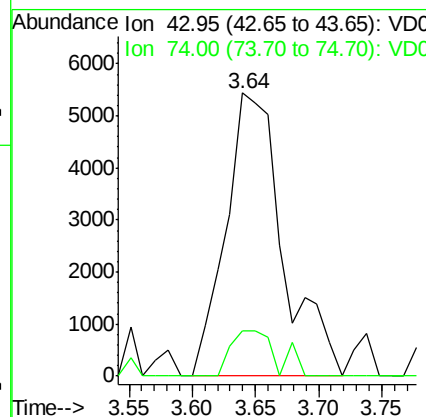
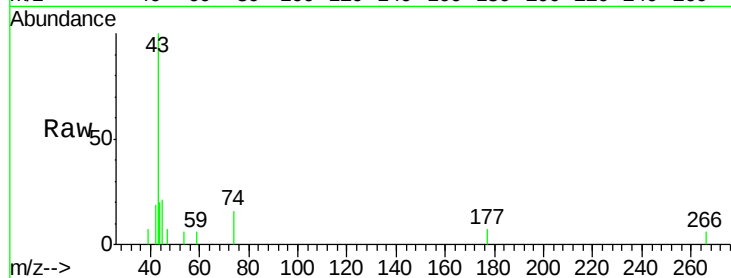




#18
Methvl Acetate
Concen: 13.352 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD063460.D
Acq: 9 Aug 2019 2:58

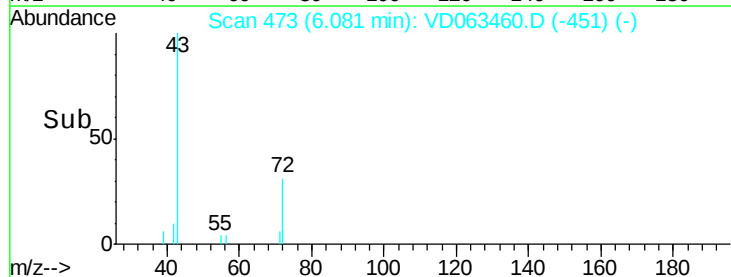
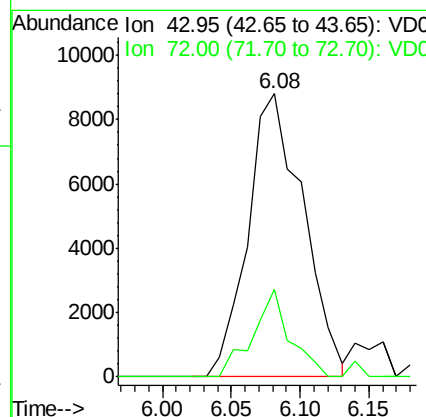
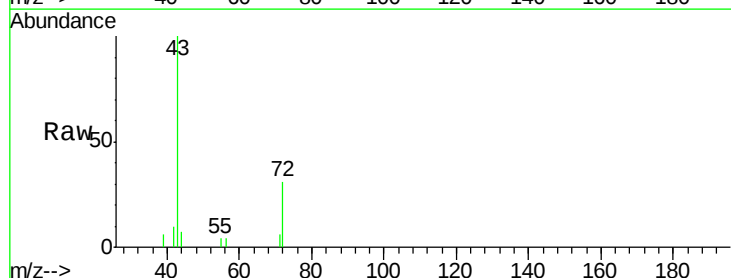
Instrument :
MSVOA_D
ClientSampleId :
SP-14

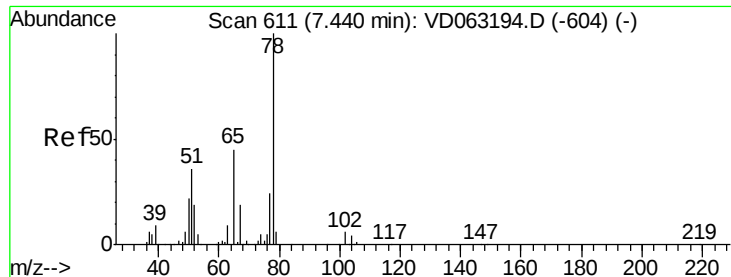
Tot Ion: 43 Resp: 17087
Ion Ratio Lower Upper
43 100
74 15.9 13.8 20.8



#25
2-Butanone
Concen: 36.634 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.02 min
Lab File: VD063460.D
Acq: 9 Aug 2019 2:58

Tgt Ion: 43 Resp: 24495
Ion Ratio Lower Upper
43 100
72 31.1 16.3 24.5#





#33

1,2-Dichloroethane-d4

Concen: 71.593 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063460.D

Acq: 9 Aug 2019 2:58

Instrument :

MSVOA_D

ClientSampleId :

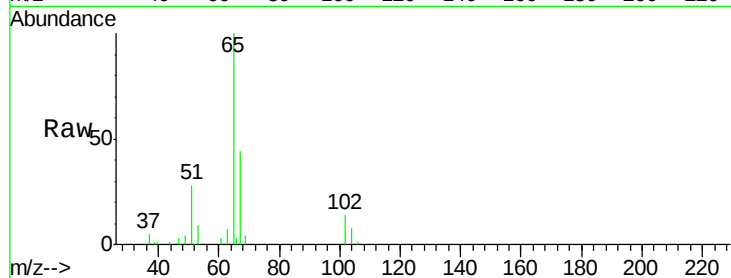
SP-14

Tot Ion: 65 Resp: 244811

Ion Ratio Lower Upper

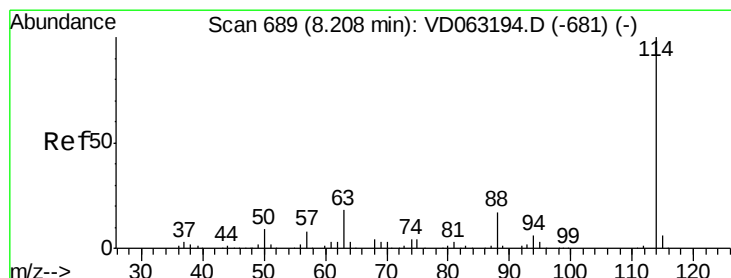
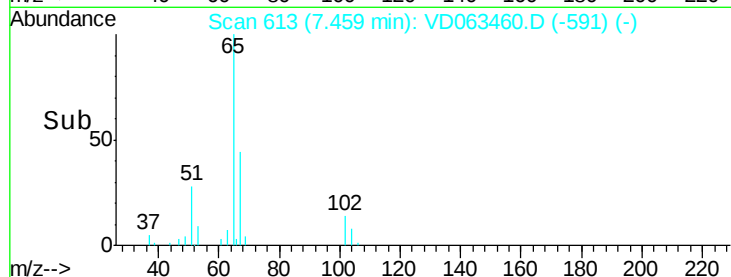
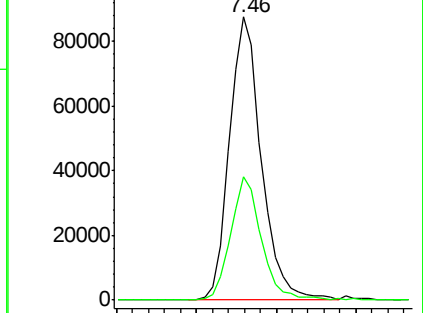
65 100

67 43.6 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063460.D

Acq: 9 Aug 2019 2:58

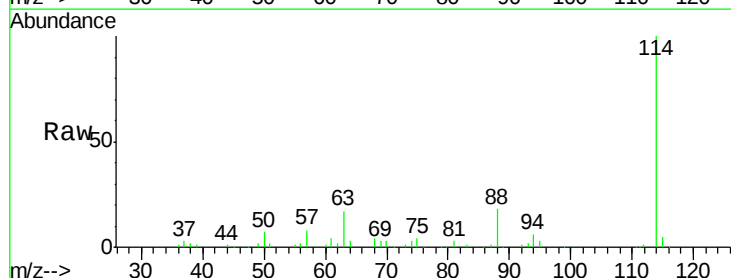
Tgt Ion: 114 Resp: 476752

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.2

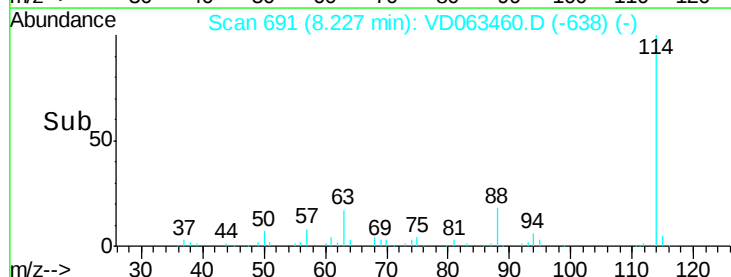
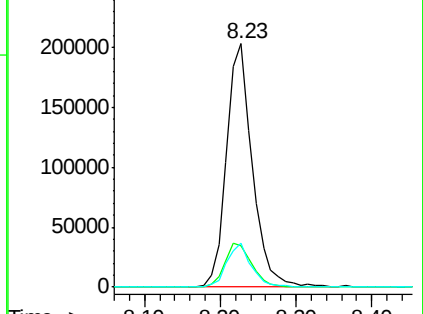
88 18.0 0.0 34.6

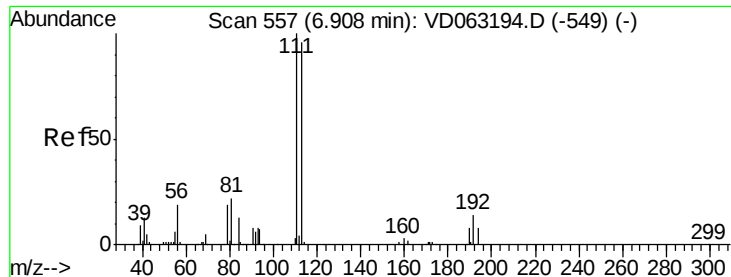


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

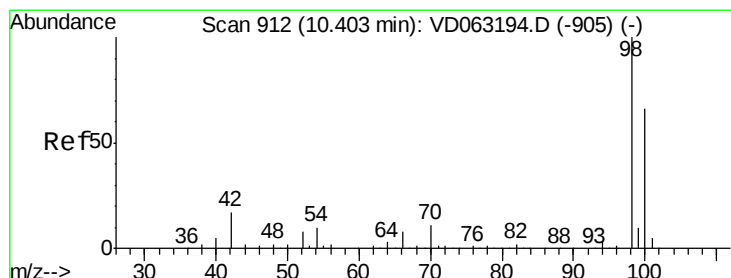
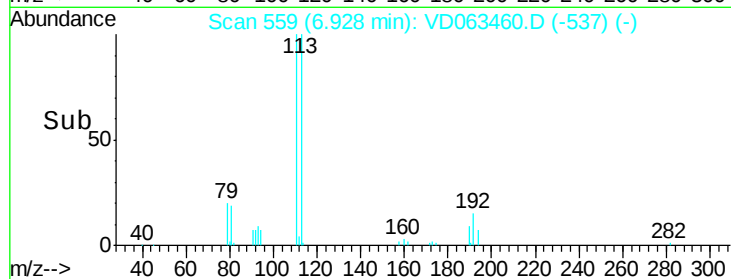
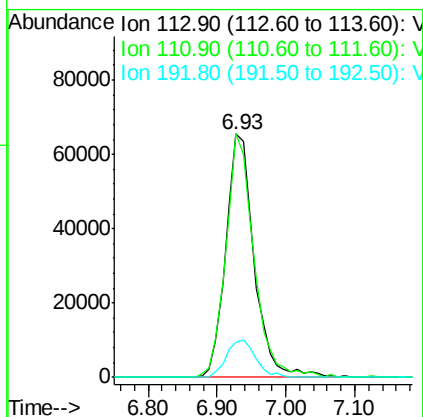
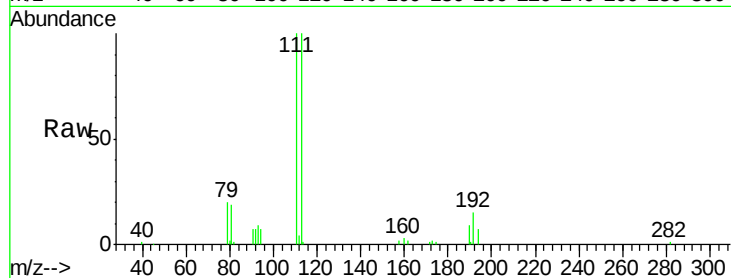




#35
 Dibromofluoromethane
 Concen: 45.760 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063460.D
 Acq: 9 Aug 2019 2:58

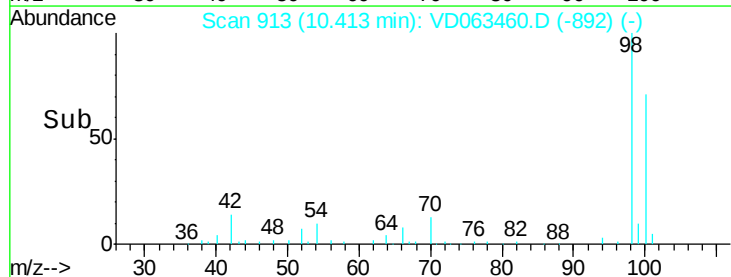
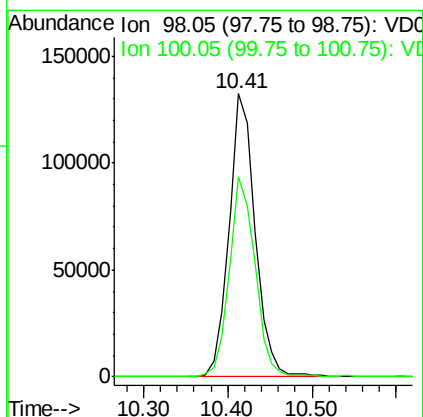
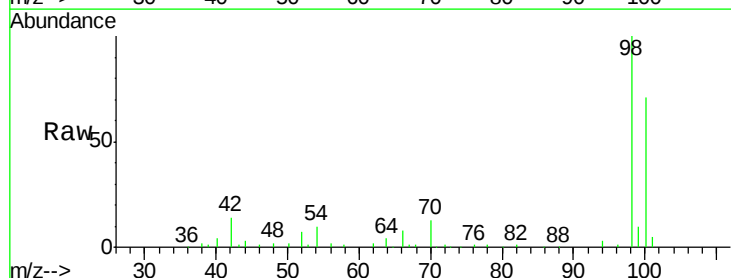
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-14

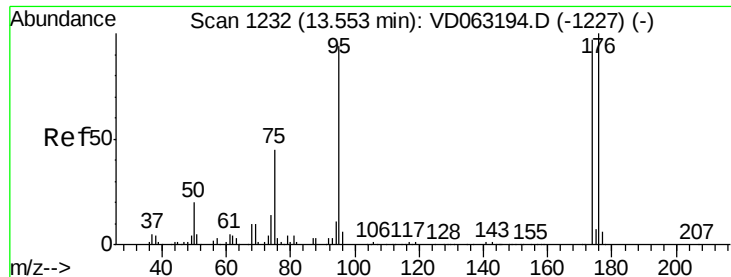
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.0	83.2	124.8
192	14.6	11.8	17.8



#50
 Toluene-d8
 Concen: 31.282 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD063460.D
 Acq: 9 Aug 2019 2:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.9	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 25.279 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063460.D

Acq: 9 Aug 2019 2:58

Instrument :

MSVOA_D

ClientSampleId :

SP-14

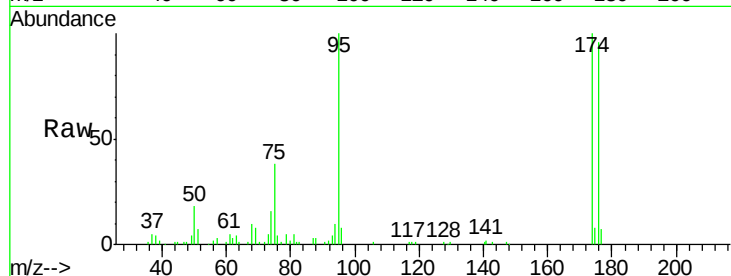
Tot Ion: 95 Resp: 104939

Ion Ratio Lower Upper

95 100

174 100.5 0.0 205.4

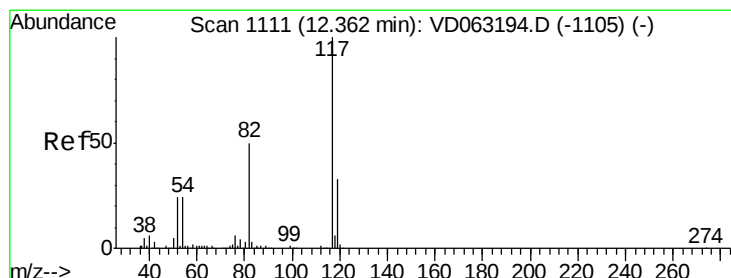
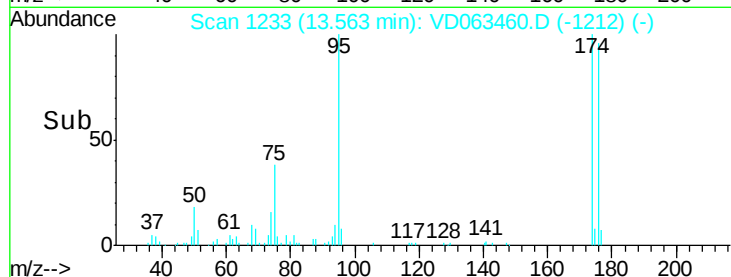
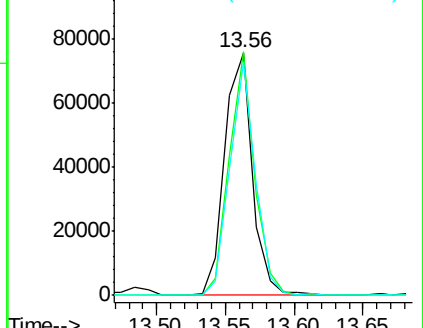
176 96.1 0.0 211.8



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD063460.D

Acq: 9 Aug 2019 2:58

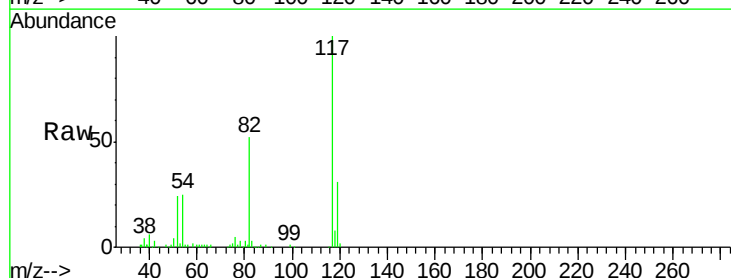
Tgt Ion: 117 Resp: 305973

Ion Ratio Lower Upper

117 100

82 51.6 40.1 60.1

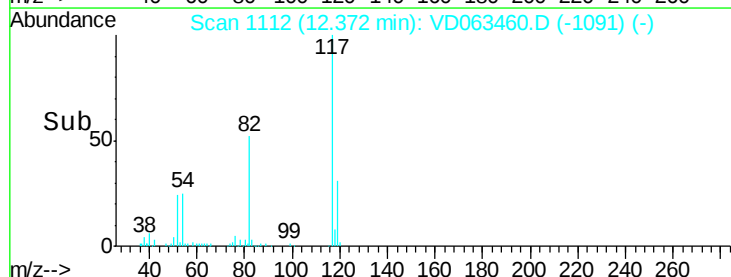
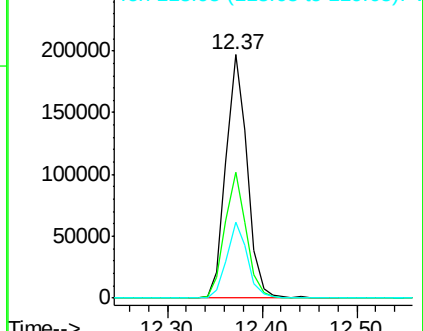
119 31.4 26.5 39.7

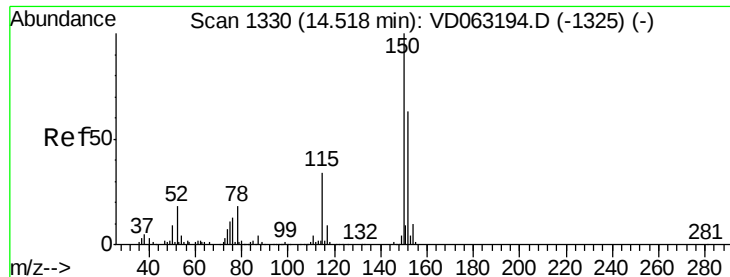


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

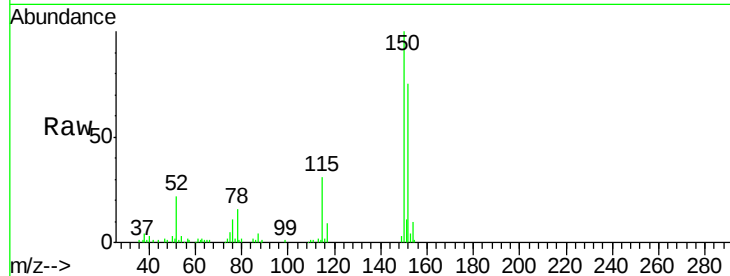




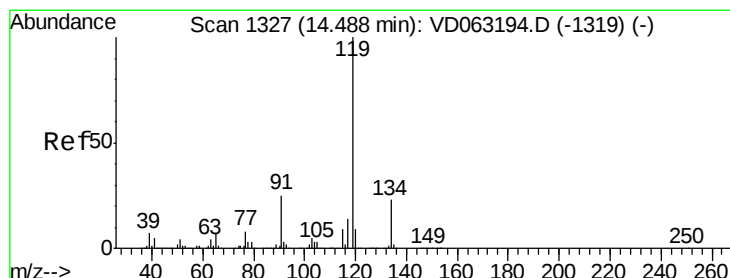
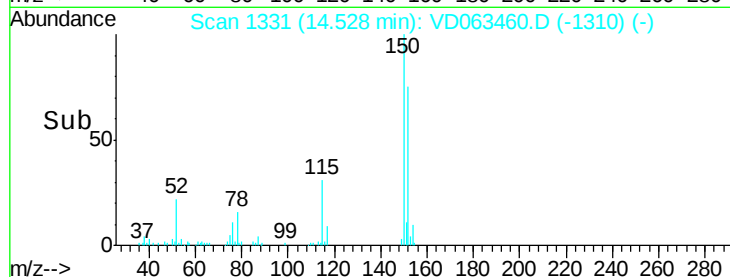
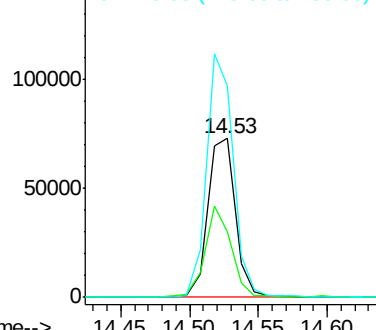
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD063460.D
 Acq: 9 Aug 2019 2:58

Instrument :
 MSVOA_D
 ClientSampled :
 SP-14

Tot Ion	Ratio	Lower	Upper
152	100		
115	41.5	27.5	82.4
150	133.3	0.0	320.6

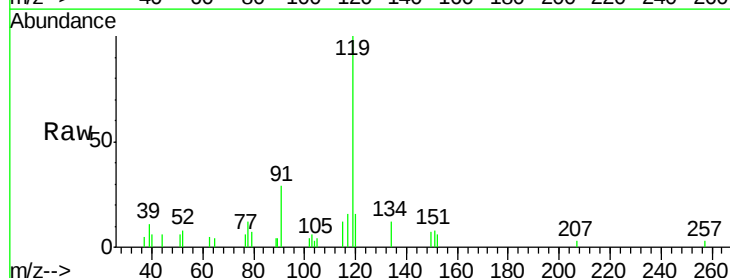


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

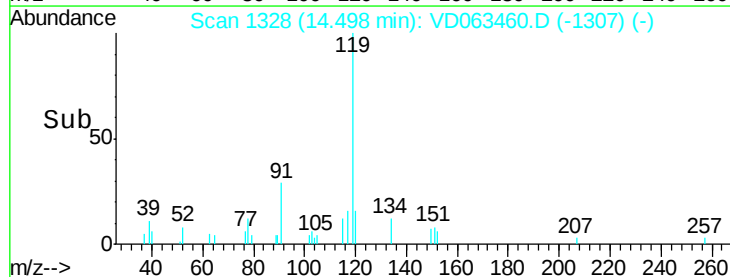
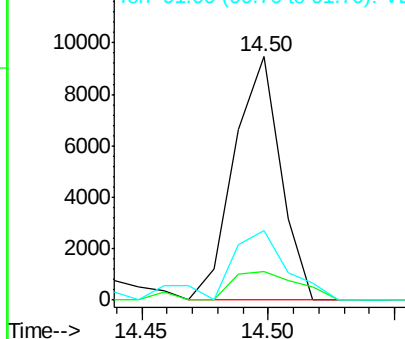


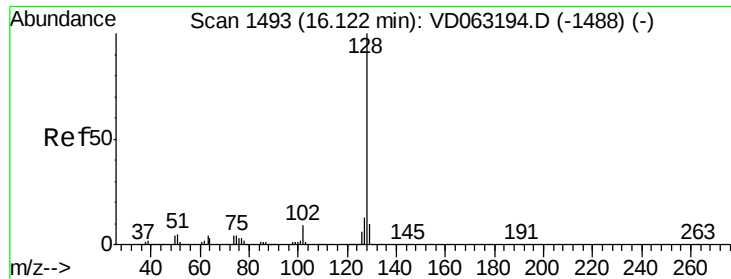
#86
 p-Isopropyltoluene
 Concen: 1.885 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD063460.D
 Acq: 9 Aug 2019 2:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	11.6	11.5	34.5
91	28.8	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: 3.239 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD063460.D

Acq: 9 Aug 2019 2:58

Instrument :

MSVOA_D

ClientSampleId :

SP-14

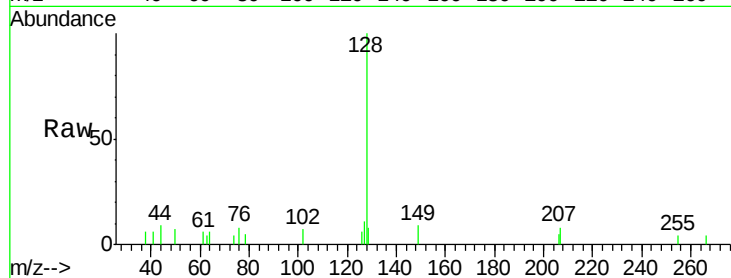
Tot Ion:128 Resp: 10314

Ion Ratio Lower Upper

128 100

127 10.0 10.2 15.4#

129 7.5 7.8 11.8#



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

