

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032619\
 Data File : VD061344.D
 Acq On : 26 Mar 2019 18:59
 Operator : VA/AP
 Sample : K2047-06
 Misc : 7.24g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB431-190320-(23-25)

Quant Time: Mar 27 08:12:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

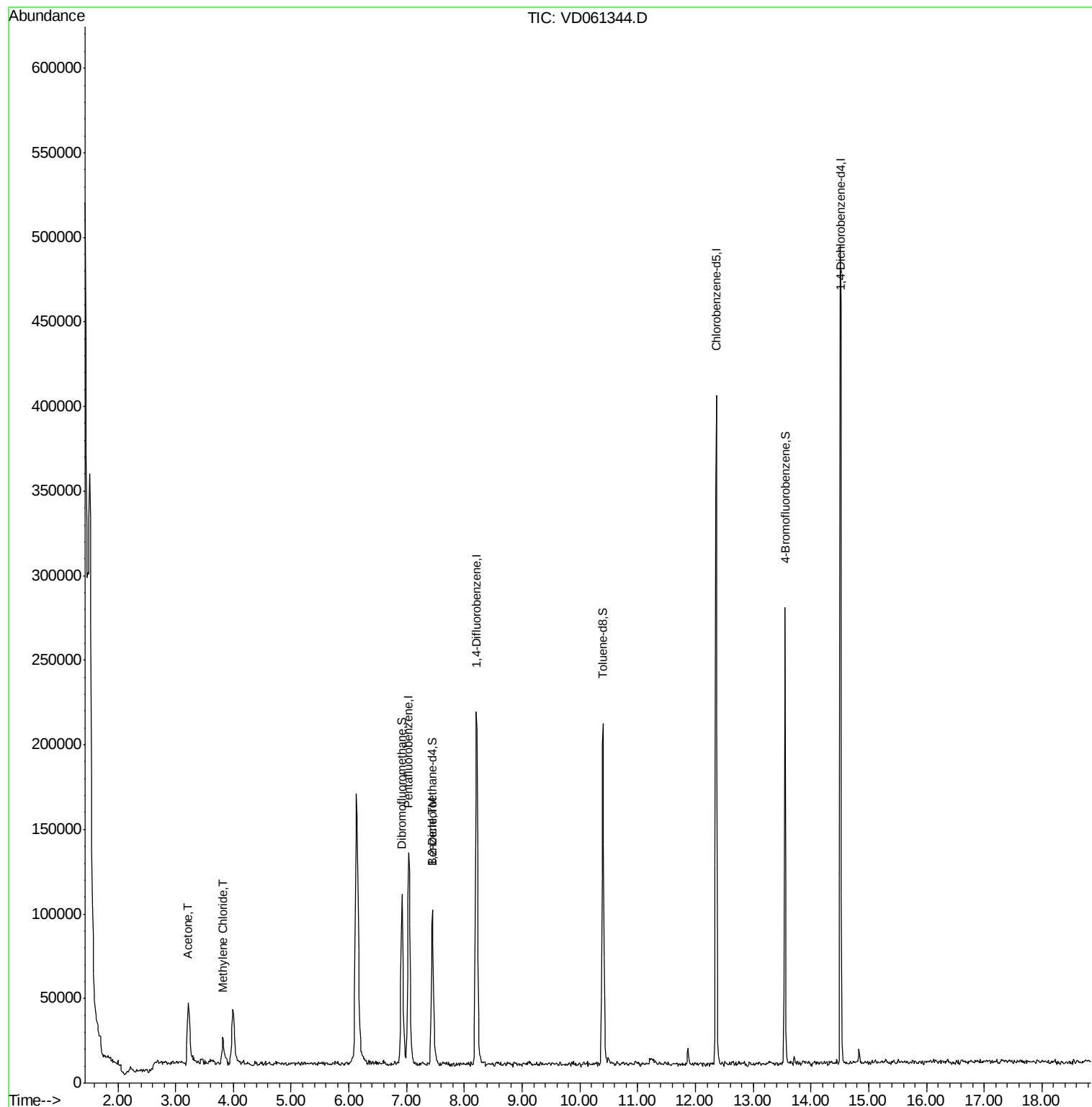
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	137723	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	272604	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	257367	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	126139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	83917	70.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	141.24%	
35) Dibromofluoromethane	6.92	113	98650	47.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.40	98	185958	36.77	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.54%	
62) 4-Bromofluorobenzene	13.55	95	89229	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
16) Acetone	3.22	43	81920	288.229	ug/l	97
20) Methylene Chloride	3.83	84	12241	7.588	ug/l #	88
40) Benzene	7.45	78	6619	1.195	ug/l #	89

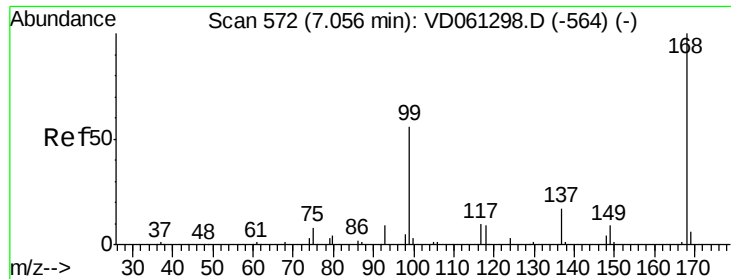
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 03:31:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD061344.D

Acq: 26 Mar 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

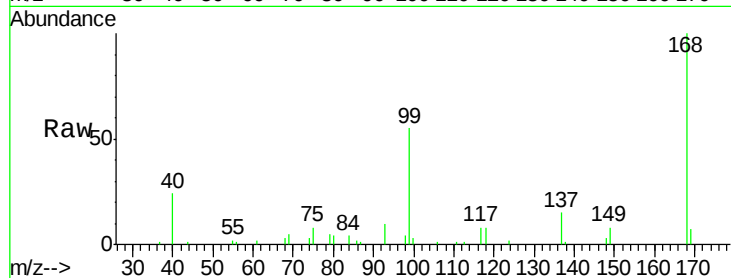
WP022SB431-190320-(23-25)

Tot Ion:168 Resp: 137723

Ion Ratio Lower Upper

168 100

99 55.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

50000

40000

30000

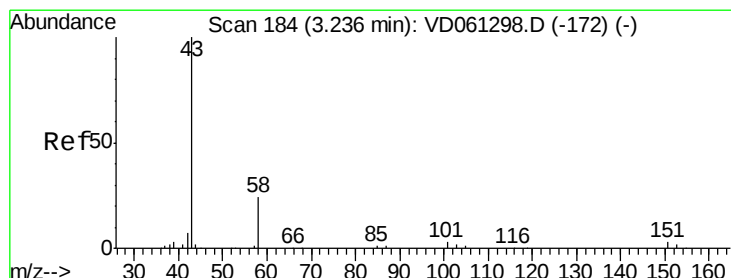
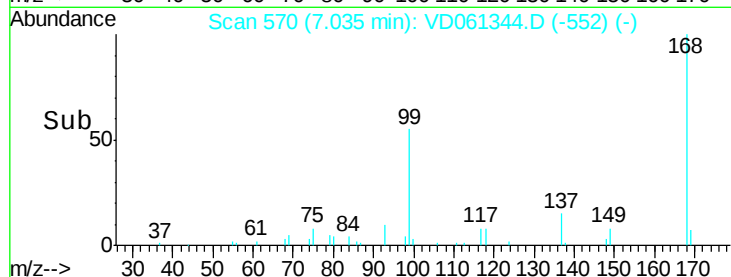
20000

10000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 288.229 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD061344.D

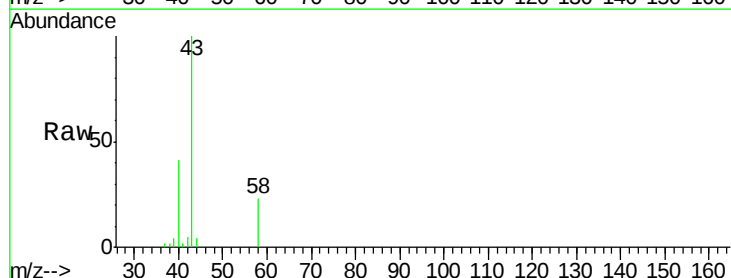
Acq: 26 Mar 2019 18:59

Tgt Ion: 43 Resp: 81920

Ion Ratio Lower Upper

43 100

58 22.9 19.4 29.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

30000

25000

20000

15000

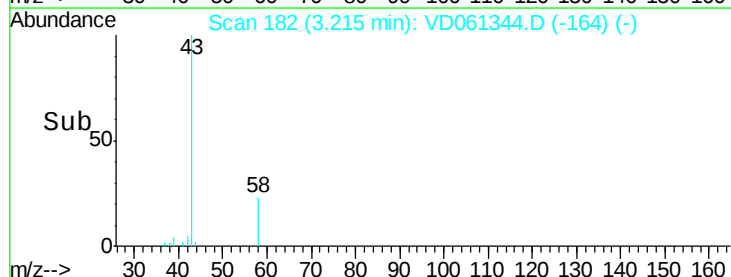
10000

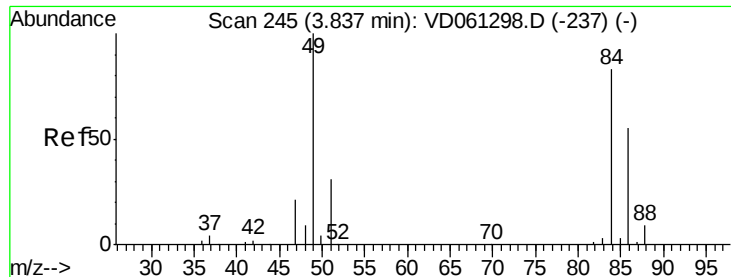
5000

0

Time-->

3.10 3.20 3.30 3.40

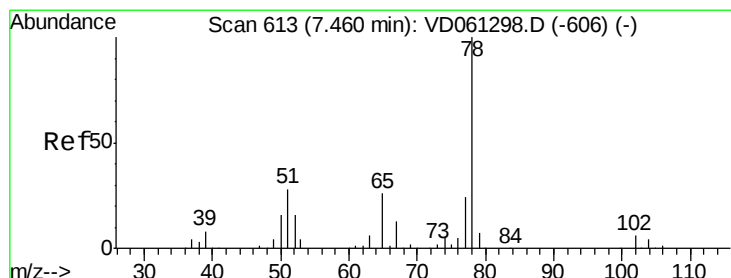
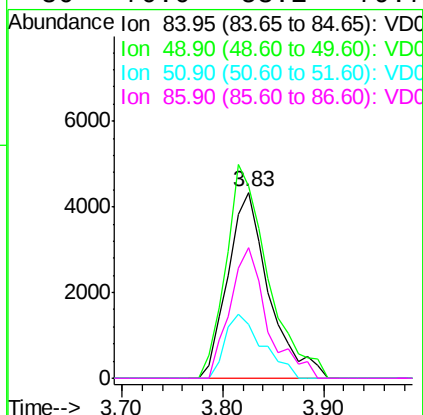
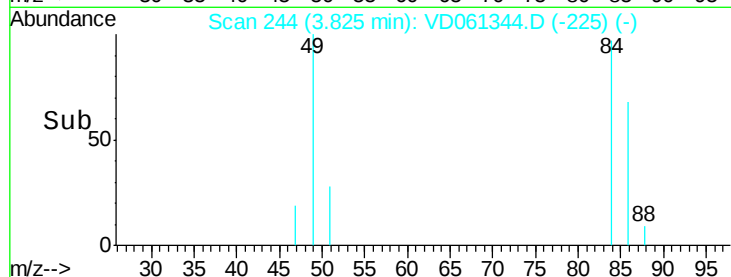
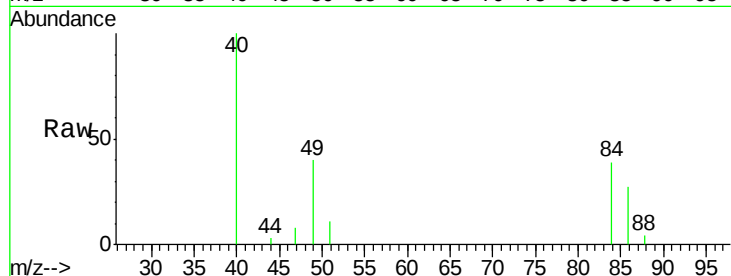




#20
Methvlene Chloride
Concen: 7.588 ug/l
RT: 3.83 min Scan# 244
Delta R.T. -0.01 min
Lab File: VD061344.D
Acq: 26 Mar 2019 18:59

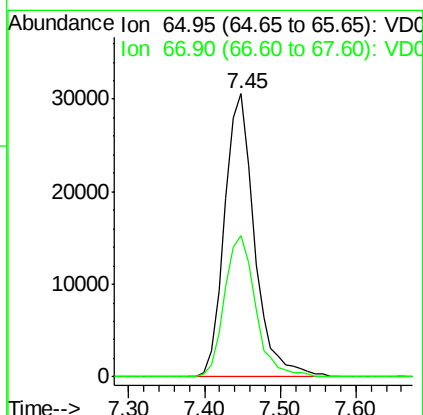
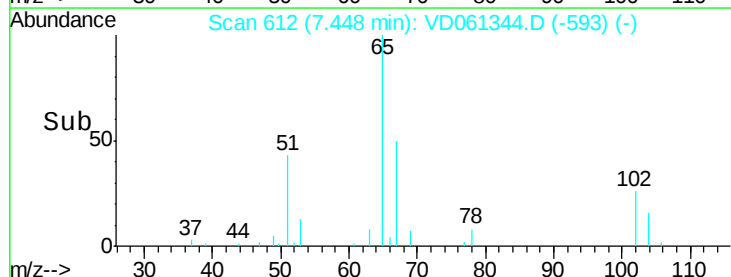
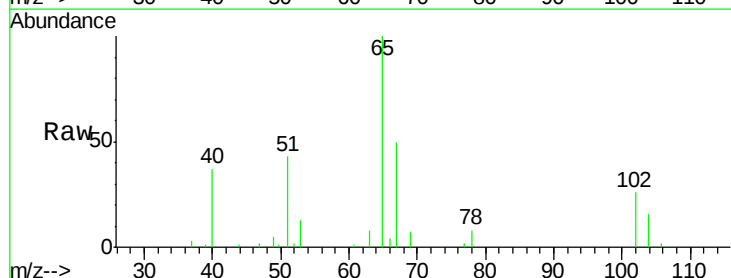
Instrument :
MSVOA_D
ClientSampleId :
WP022SB431-190320-(23-25)

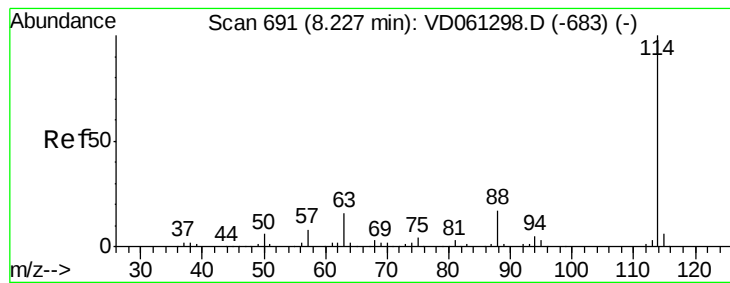
Tot Ion: 84 Resp: 12241
Ion Ratio Lower Upper
84 100
49 103.1 96.8 145.2
51 29.0 29.9 44.9#
86 70.0 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061344.D
Acq: 26 Mar 2019 18:59

Tgt Ion: 65 Resp: 83917
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD061344.D

Acq: 26 Mar 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

WP022SB431-190320-(23-25)

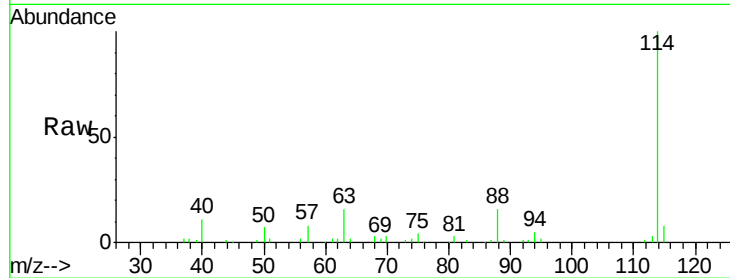
Tot Ion:114 Resp: 272604

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.4

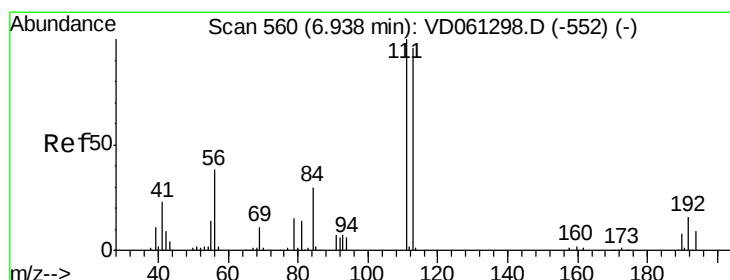
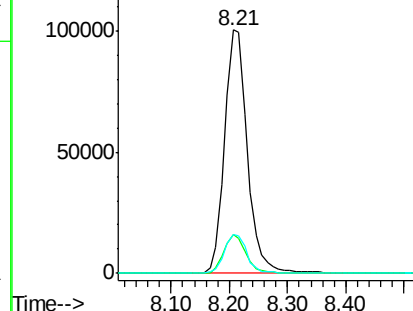
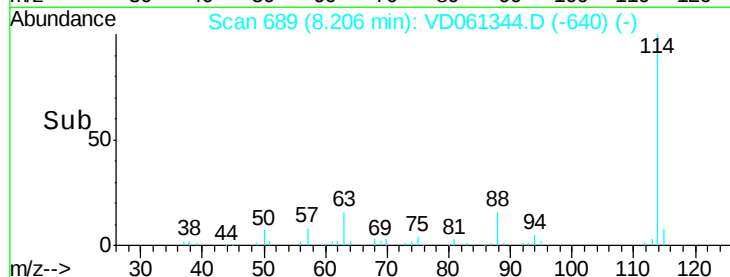
88 16.2 0.0 33.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD061344.D

Acq: 26 Mar 2019 18:59

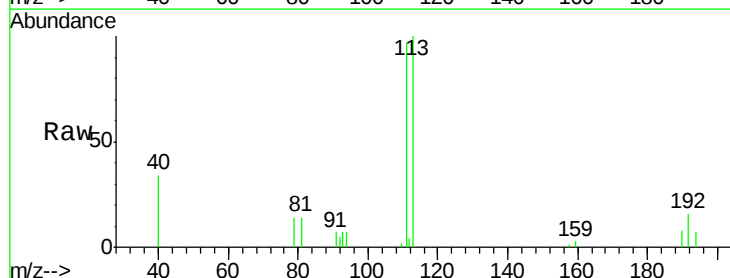
Tgt Ion:113 Resp: 98650

Ion Ratio Lower Upper

113 100

111 97.3 83.7 125.5

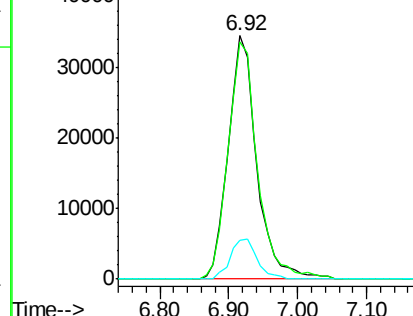
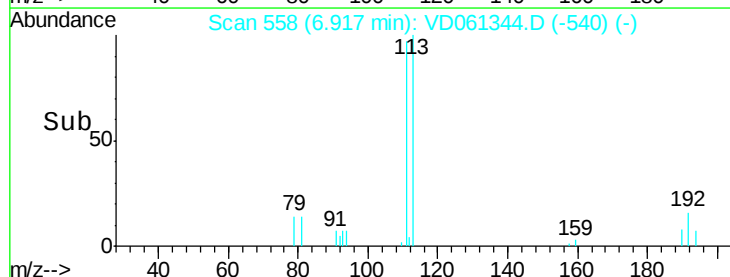
192 15.8 13.4 20.0

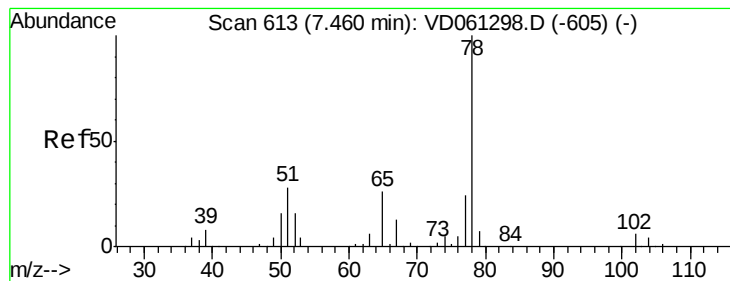


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#40

Benzene

Concen: 1.195 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061344.D

Acq: 26 Mar 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

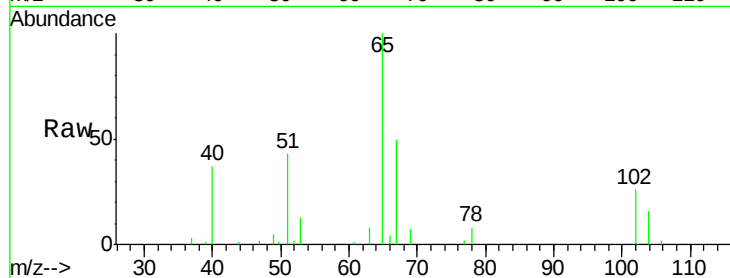
WP022SB431-190320-(23-25)

Tot Ion: 78 Resp: 6619

Ion Ratio Lower Upper

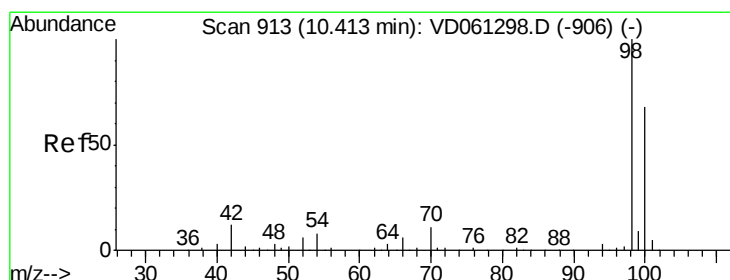
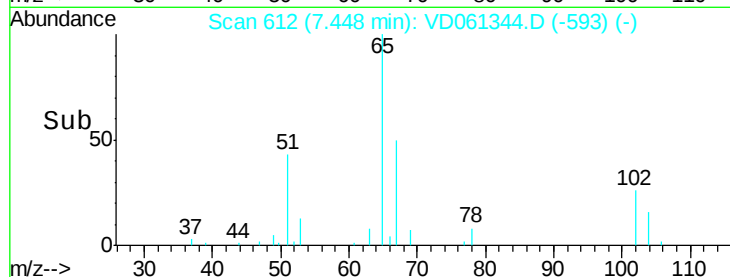
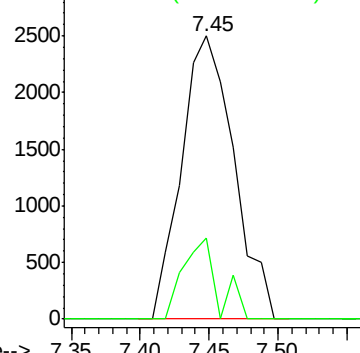
78 100

77 28.8 18.8 28.2#



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD061344.D

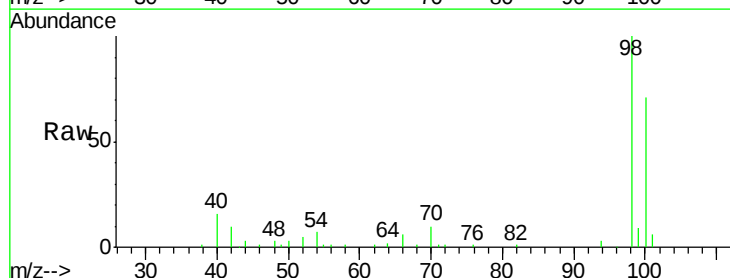
Acq: 26 Mar 2019 18:59

Tgt Ion: 98 Resp: 185958

Ion Ratio Lower Upper

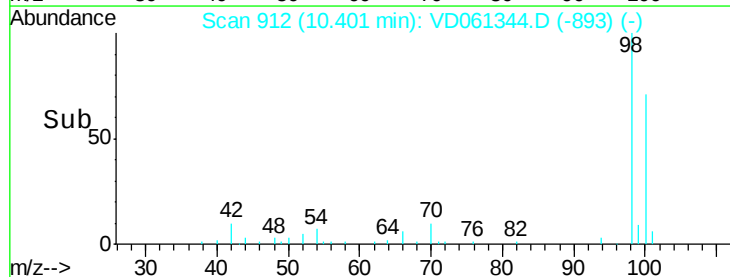
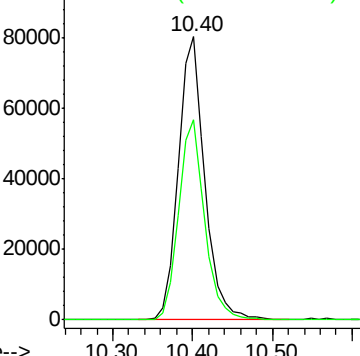
98 100

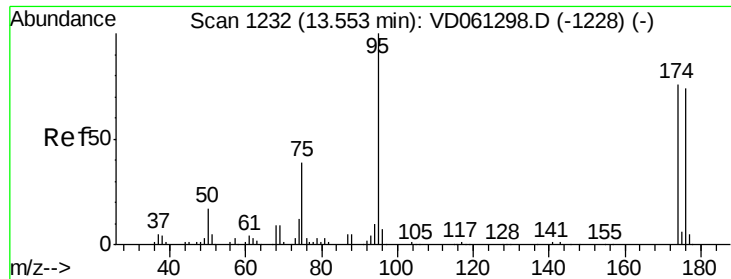
100 70.6 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

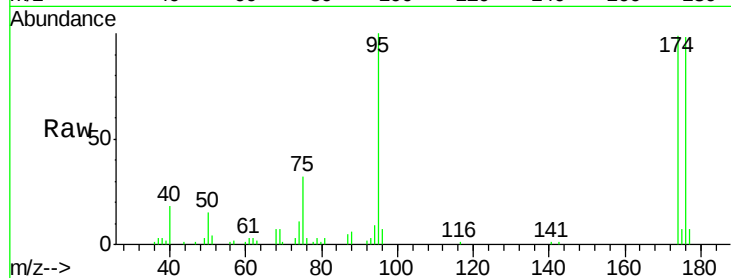




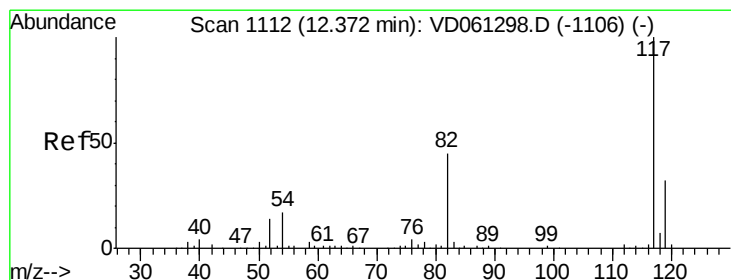
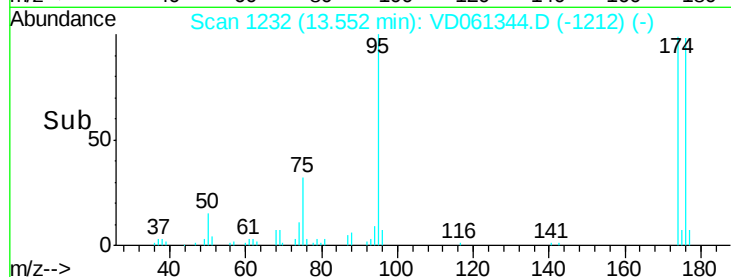
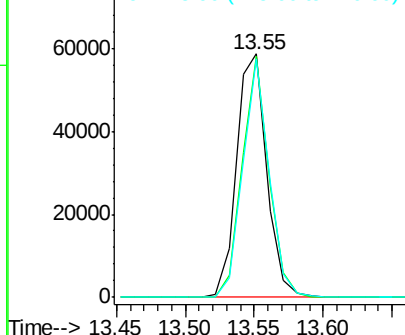
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061344.D
Acq: 26 Mar 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
WP022SB431-190320-(23-25)

Tot Ion: 95 Resp: 89229
Ion Ratio Lower Upper
95 100
174 98.8 0.0 151.8
176 97.7 0.0 148.0

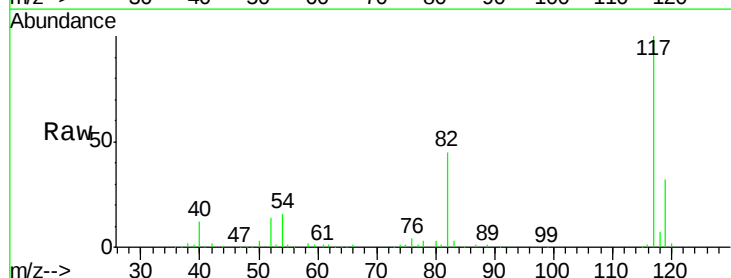


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

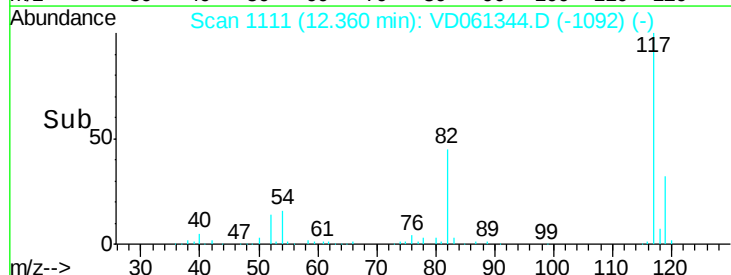
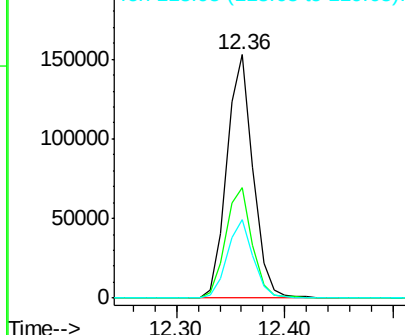


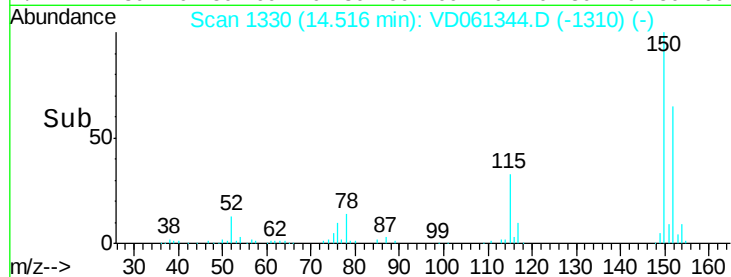
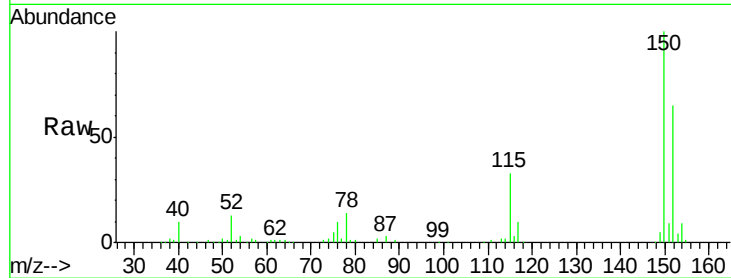
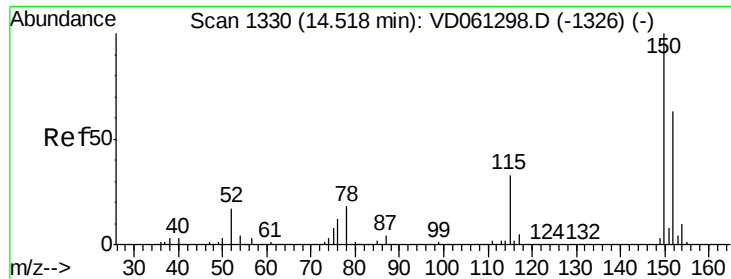
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061344.D
Acq: 26 Mar 2019 18:59

Tgt Ion: 117 Resp: 257367
Ion Ratio Lower Upper
117 100
82 45.3 35.7 53.5
119 32.0 25.9 38.9



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: VD061344.D

Acq: 26 Mar 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

WP022SB431-190320-(23-25)

Tot Ion:152 Resp: 126139

Ion Ratio Lower Upper

152 100

115 50.7 29.2 87.6

150 154.8 0.0 319.6

