

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121818\
 Data File : VD060626.D
 Acq On : 18 Dec 2018 17:35
 Operator : VA/AP
 Sample : J6445-02RE
 Misc : 4.73g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB06_12-14RE

Quant Time: Dec 19 03:17:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

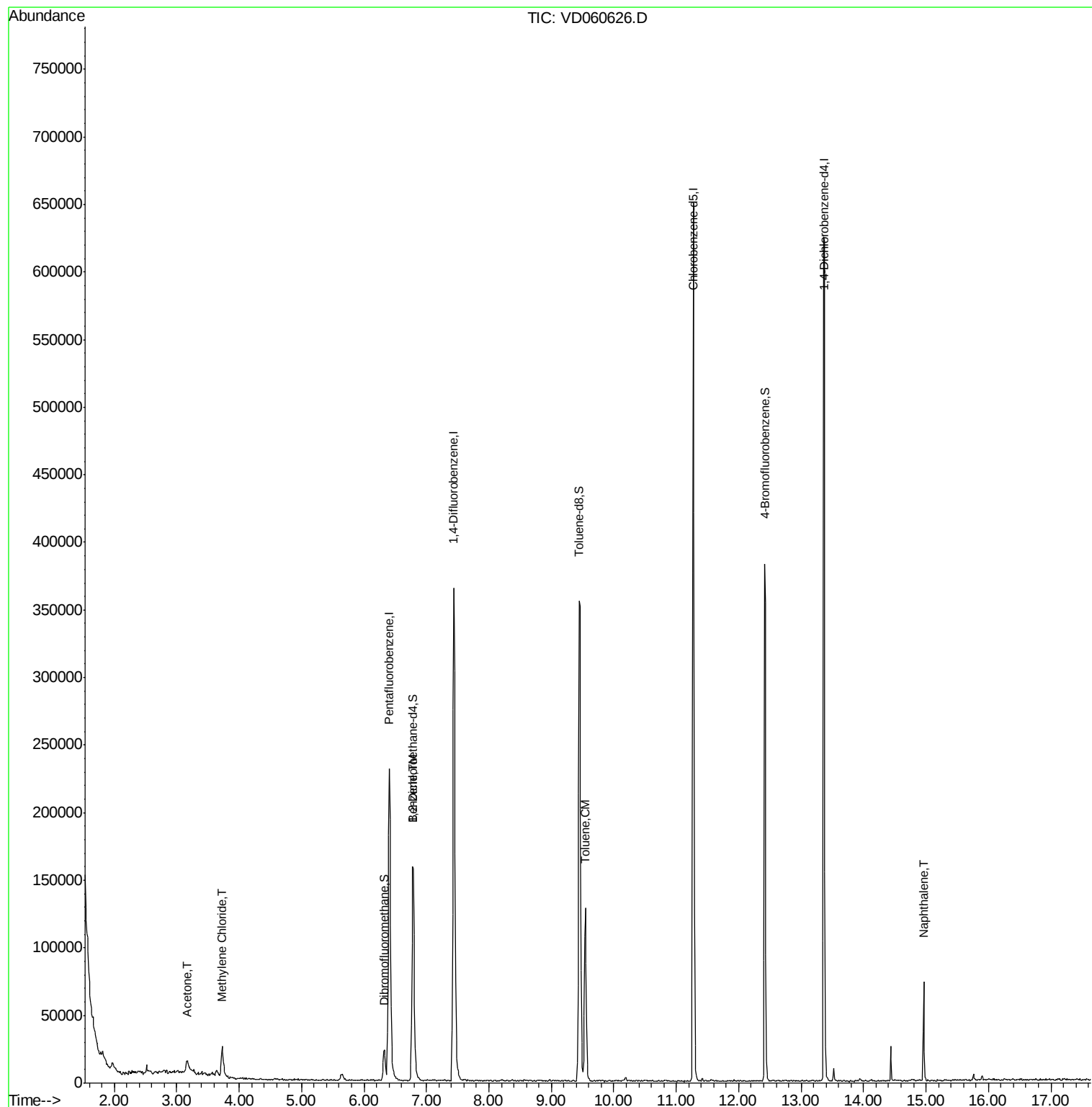
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	219242	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	368037	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	326752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	158297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	136693	87.96	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	175.92%	
35) Dibromofluoromethane	6.32	113	20029	7.41	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	14.82%	
50) Toluene-d8	9.45	98	290681	37.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.32%	
62) 4-Bromofluorobenzene	12.42	95	108878	38.90	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	77.80%	
Target Compounds						
16) Acetone	3.16	43	23415	94.002	ug/l	92
20) Methylene Chloride	3.73	84	13287	1.468	ug/l #	82
40) Benzene	6.79	78	9779	1.064	ug/l	95
52) Toluene	9.54	92	63469	11.045	ug/l	100
95) Naphthalene	14.97	128	41197	10.168	ug/l	98

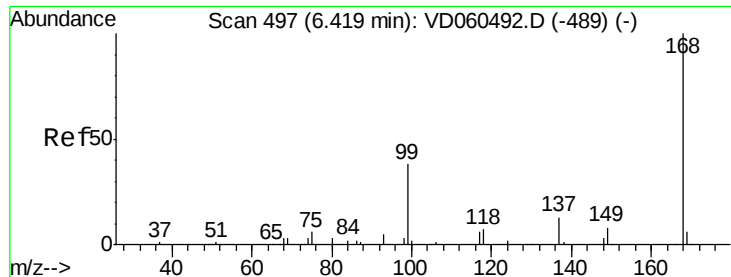
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121818\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060626.D

Acq: 18 Dec 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

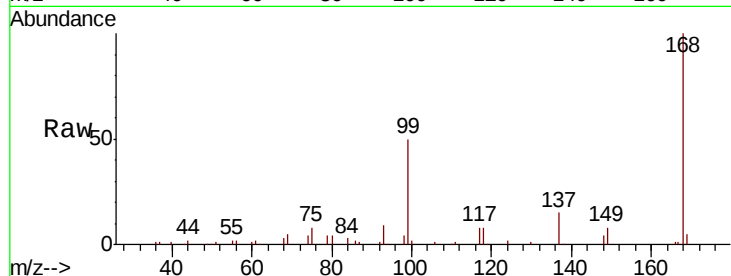
EB06_12-14RE

Tot Ion:168 Resp: 219242

Ion Ratio Lower Upper

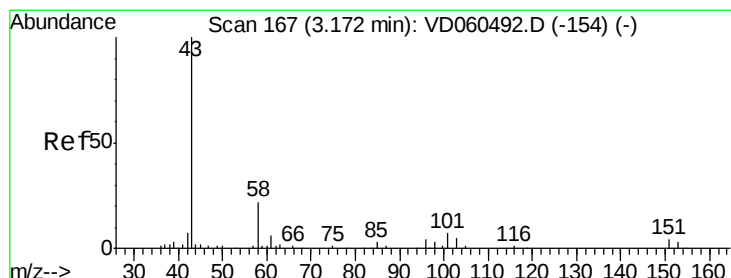
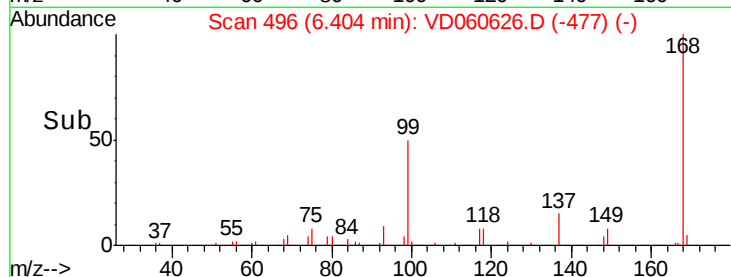
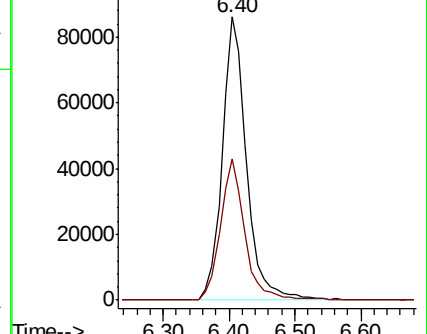
168 100

99 49.9 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 94.002 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060626.D

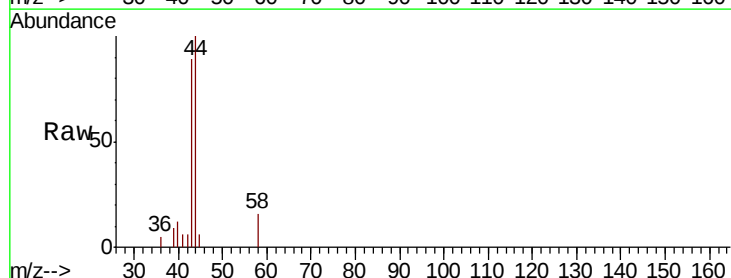
Acq: 18 Dec 2018 17:35

Tgt Ion: 43 Resp: 23415

Ion Ratio Lower Upper

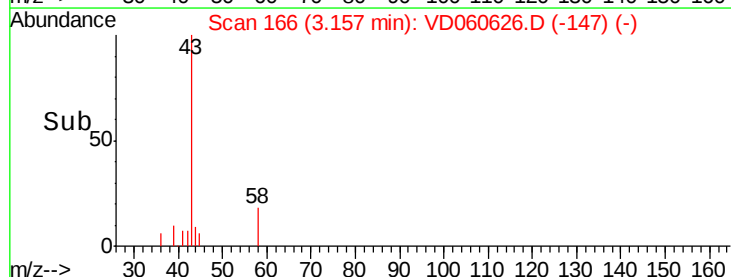
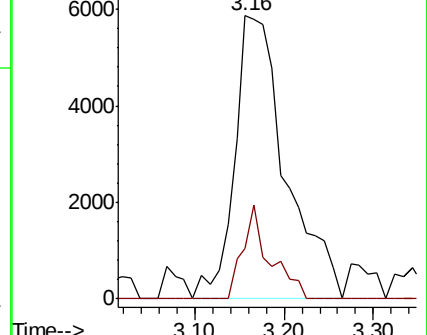
43 100

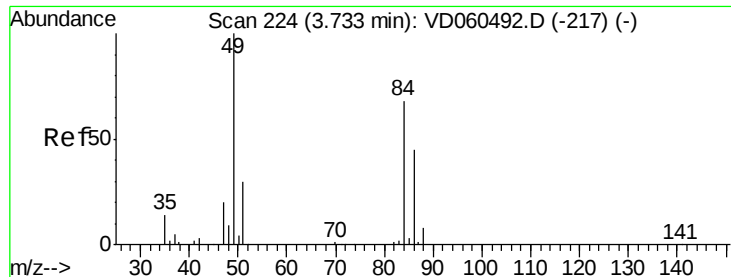
58 18.0 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 1.468 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD060626.D

Acq: 18 Dec 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

EB06_12-14RE

Tot Ion: 84 Resp: 13287

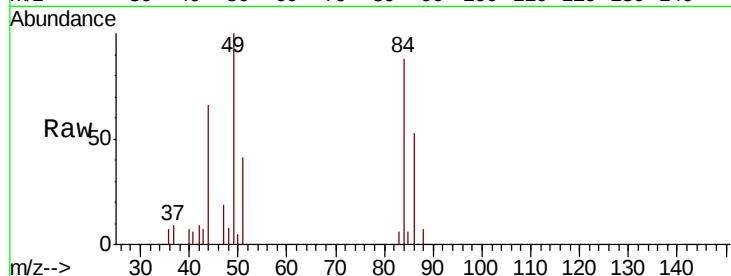
Ion Ratio Lower Upper

84 100

49 113.2 117.2 175.8#

51 46.1 35.3 52.9

86 59.9 53.2 79.8

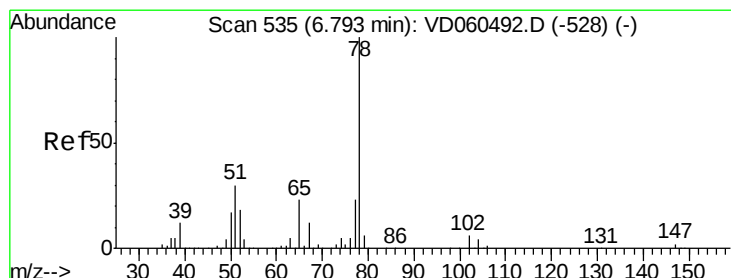
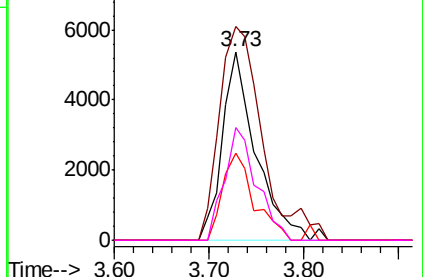
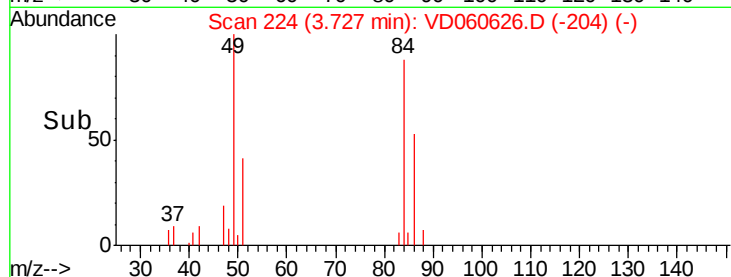


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060626.D

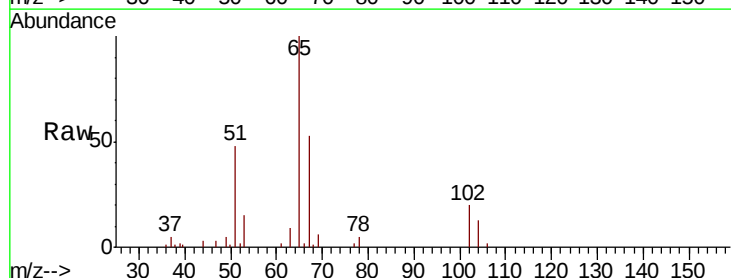
Acq: 18 Dec 2018 17:35

Tgt Ion: 65 Resp: 136693

Ion Ratio Lower Upper

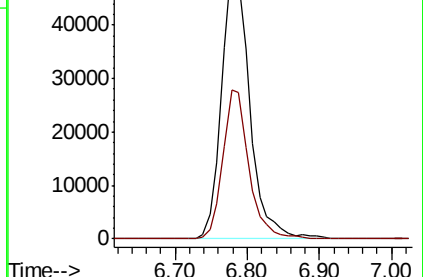
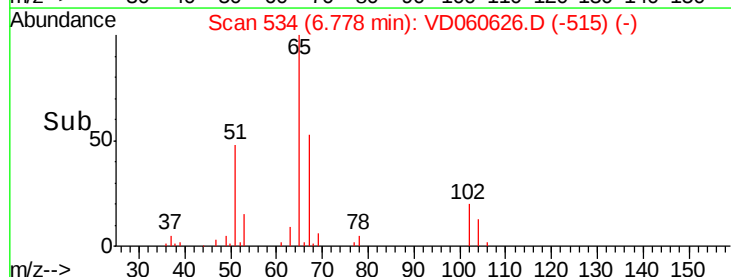
65 100

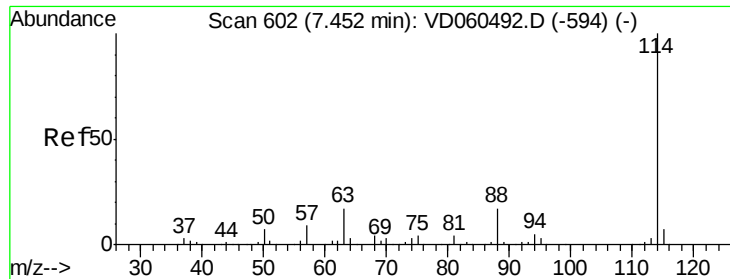
67 52.5 0.0 106.8



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: 7.44 min Scan# 601

Delta R.T. -0.02 min

Lab File: VD060626.D

Acq: 18 Dec 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

EB06_12-14RE

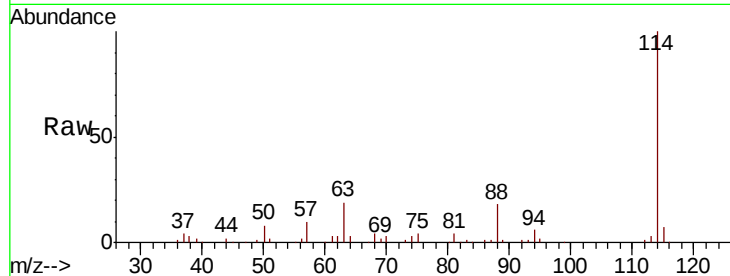
Tot Ion:114 Resp: 368037

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.2

88 18.1 0.0 35.0



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

7.44

150000

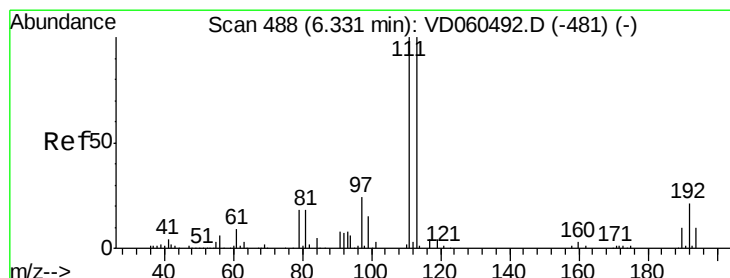
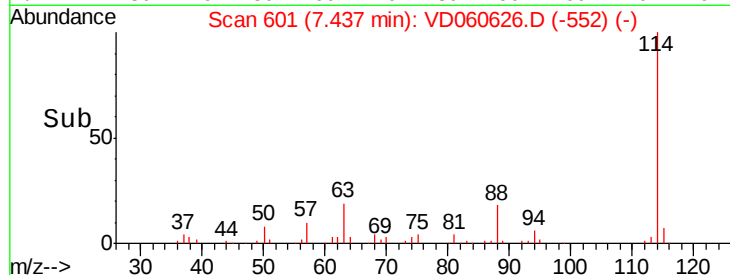
100000

50000

0

7.30 7.40 7.50 7.60 7.70

Time-->



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 487

Delta R.T. -0.02 min

Lab File: VD060626.D

Acq: 18 Dec 2018 17:35

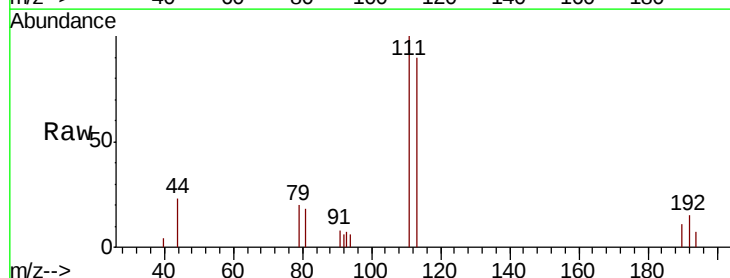
Tgt Ion:113 Resp: 20029

Ion Ratio Lower Upper

113 100

111 111.7 80.2 120.4

192 17.1 16.6 24.8



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

6.32

10000

8000

6000

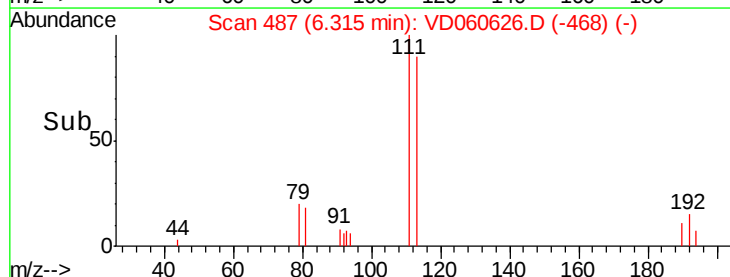
4000

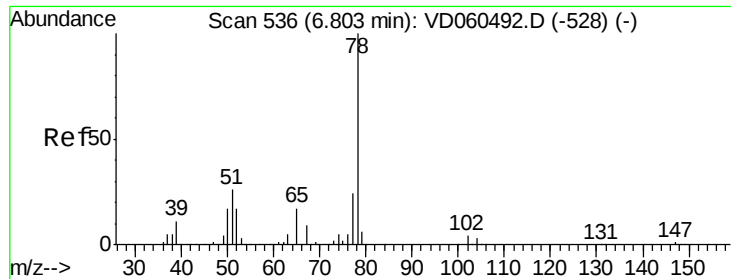
2000

0

6.20 6.30 6.40

Time-->

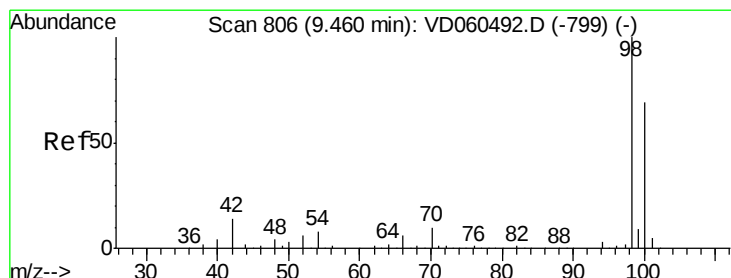
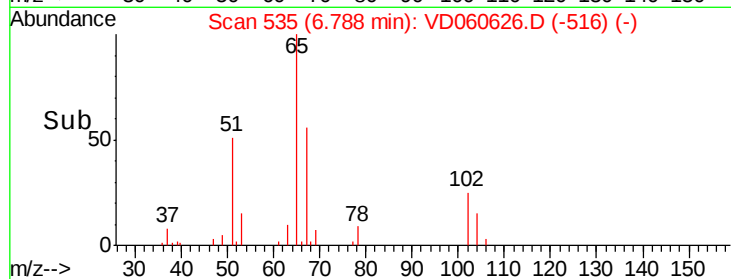
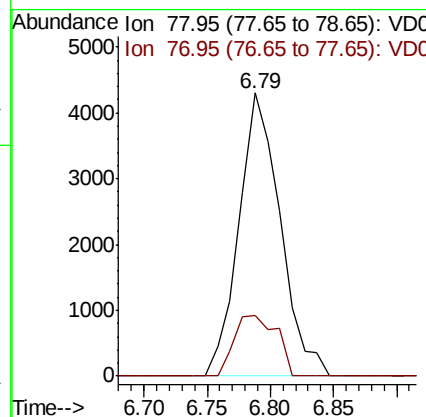
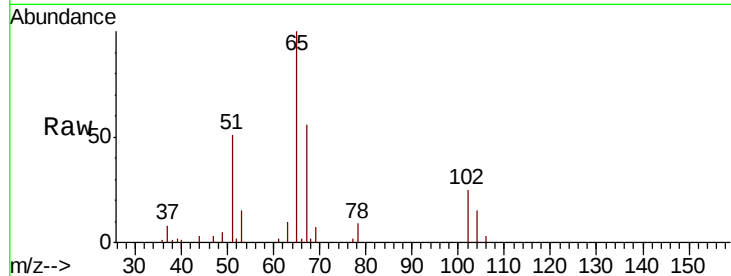




#40
Benzene
Concen: 1.064 ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.02 min
Lab File: VD060626.D
Acq: 18 Dec 2018 17:35

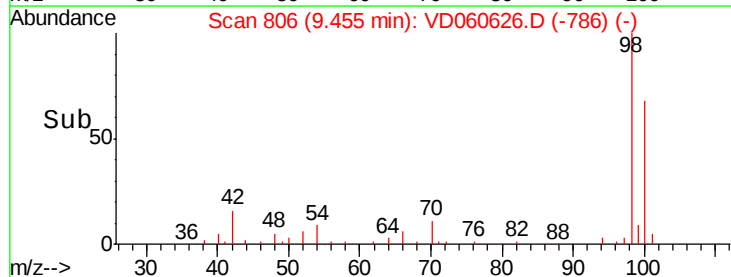
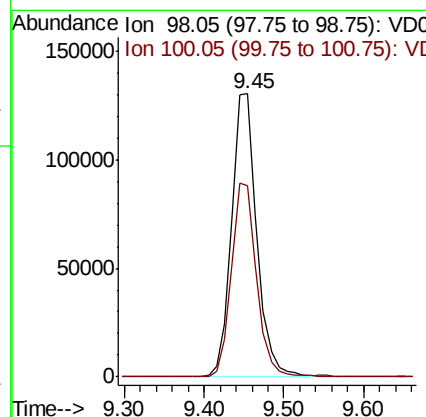
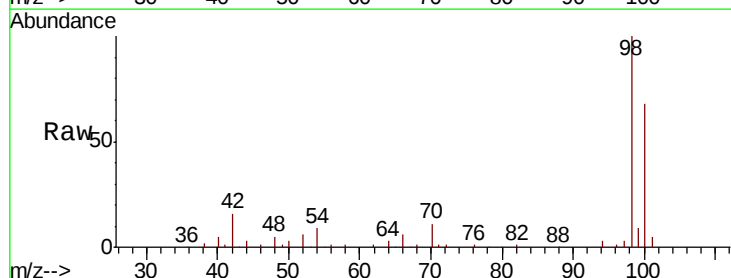
Instrument :
MSVOA_D
ClientSampleId :
EB06_12-14RE

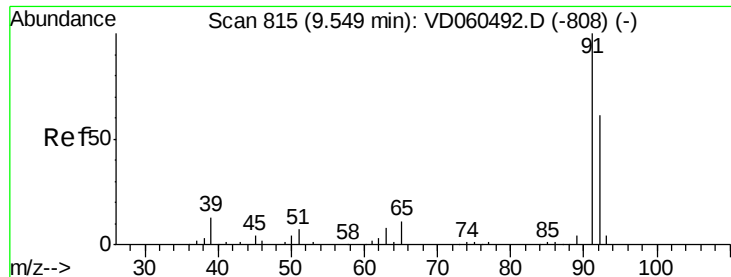
Tot Ion: 78 Resp: 9779
Ion Ratio Lower Upper
78 100
77 21.4 18.9 28.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060626.D
Acq: 18 Dec 2018 17:35

Tgt Ion: 98 Resp: 290681
Ion Ratio Lower Upper
98 100
100 67.7 55.7 83.5





#52

Toluene

Concen: 11.045 ug/l

RT: 9.54 min Scan# 815

Delta R.T. -0.01 min

Lab File: VD060626.D

Acq: 18 Dec 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

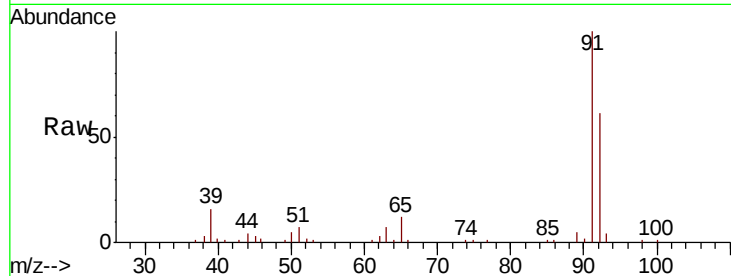
EB06_12-14RE

Tot Ion: 92 Resp: 63469

Ion Ratio Lower Upper

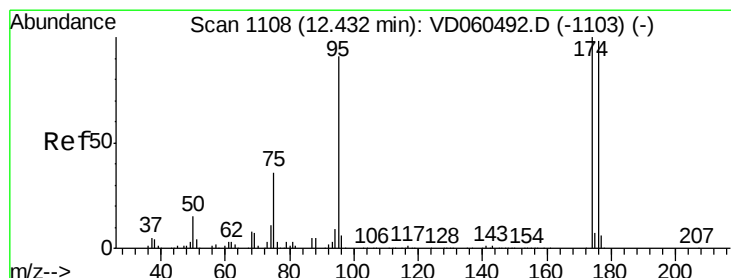
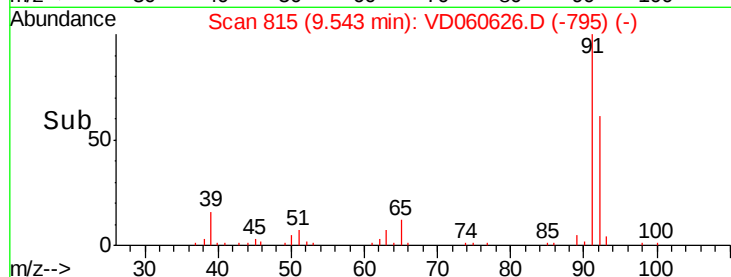
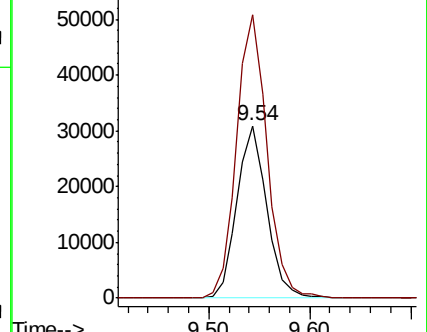
92 100

91 164.0 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060626.D

Acq: 18 Dec 2018 17:35

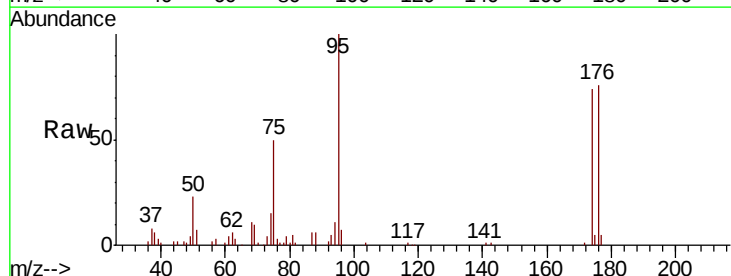
Tgt Ion: 95 Resp: 108878

Ion Ratio Lower Upper

95 100

174 74.3 0.0 219.4

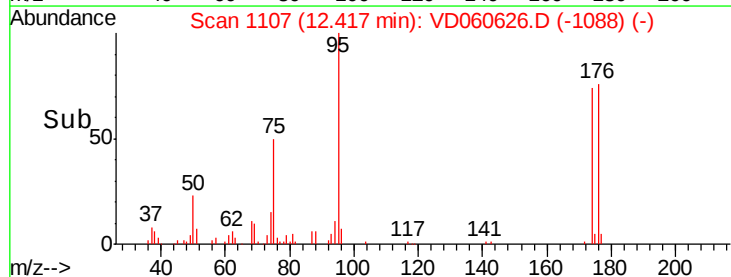
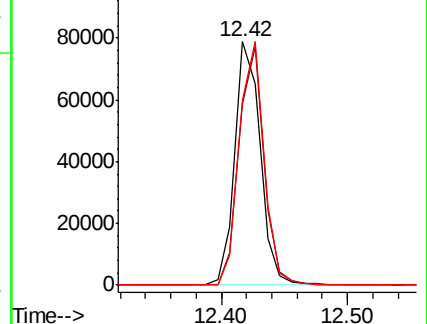
176 75.7 0.0 214.6

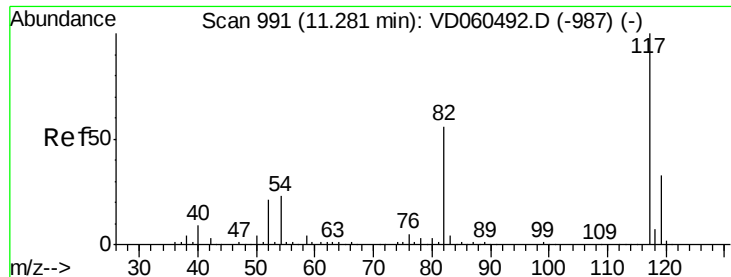


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

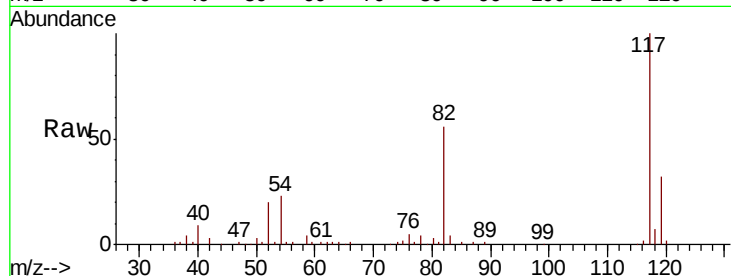




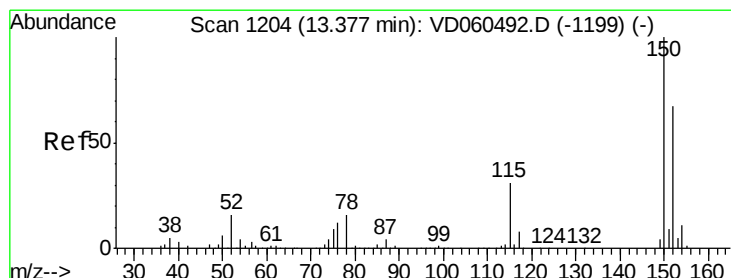
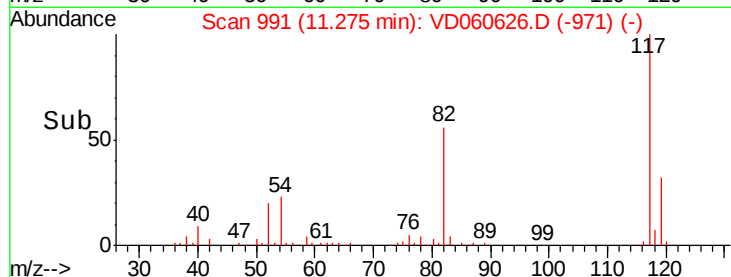
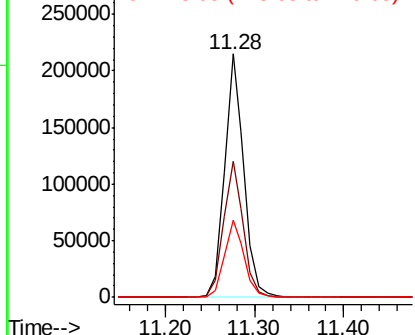
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060626.D
Acq: 18 Dec 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
EB06_12-14RE

Tot Ion:117 Resp: 326752
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 31.8 26.1 39.1

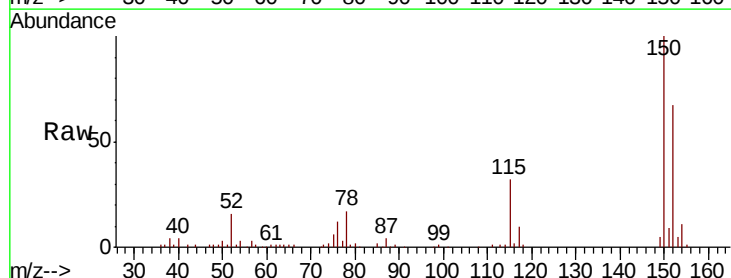


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

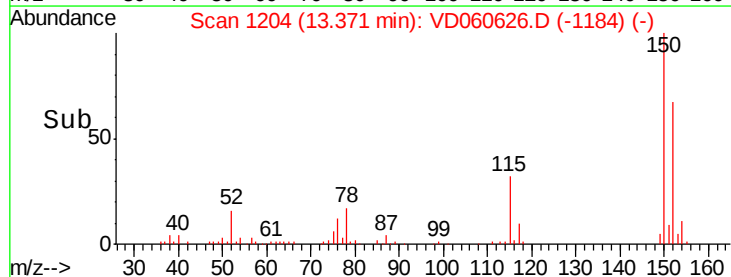
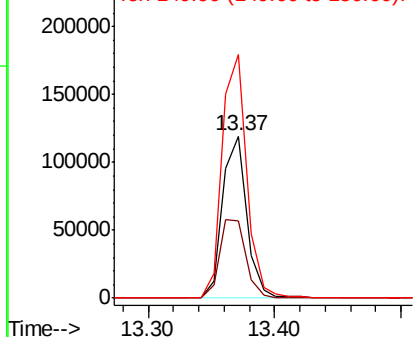


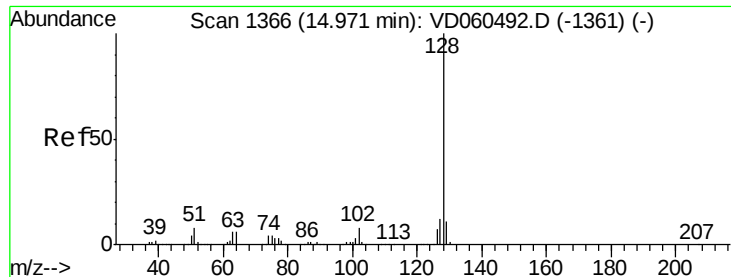
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060626.D
Acq: 18 Dec 2018 17:35

Tgt Ion:152 Resp: 158297
Ion Ratio Lower Upper
152 100
115 47.8 24.6 74.0
150 150.4 0.0 309.0



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: 10.168 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VD060626.D
Acq: 18 Dec 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
EB06_12-14RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.8	14.8
129	12.0	8.6	13.0

