

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061592.D
 Acq On : 4 Apr 2019 21:23
 Operator : VA/AP
 Sample : K2244-02
 Misc : 5.15g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-007-ABCD

Quant Time: Apr 05 09:49:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

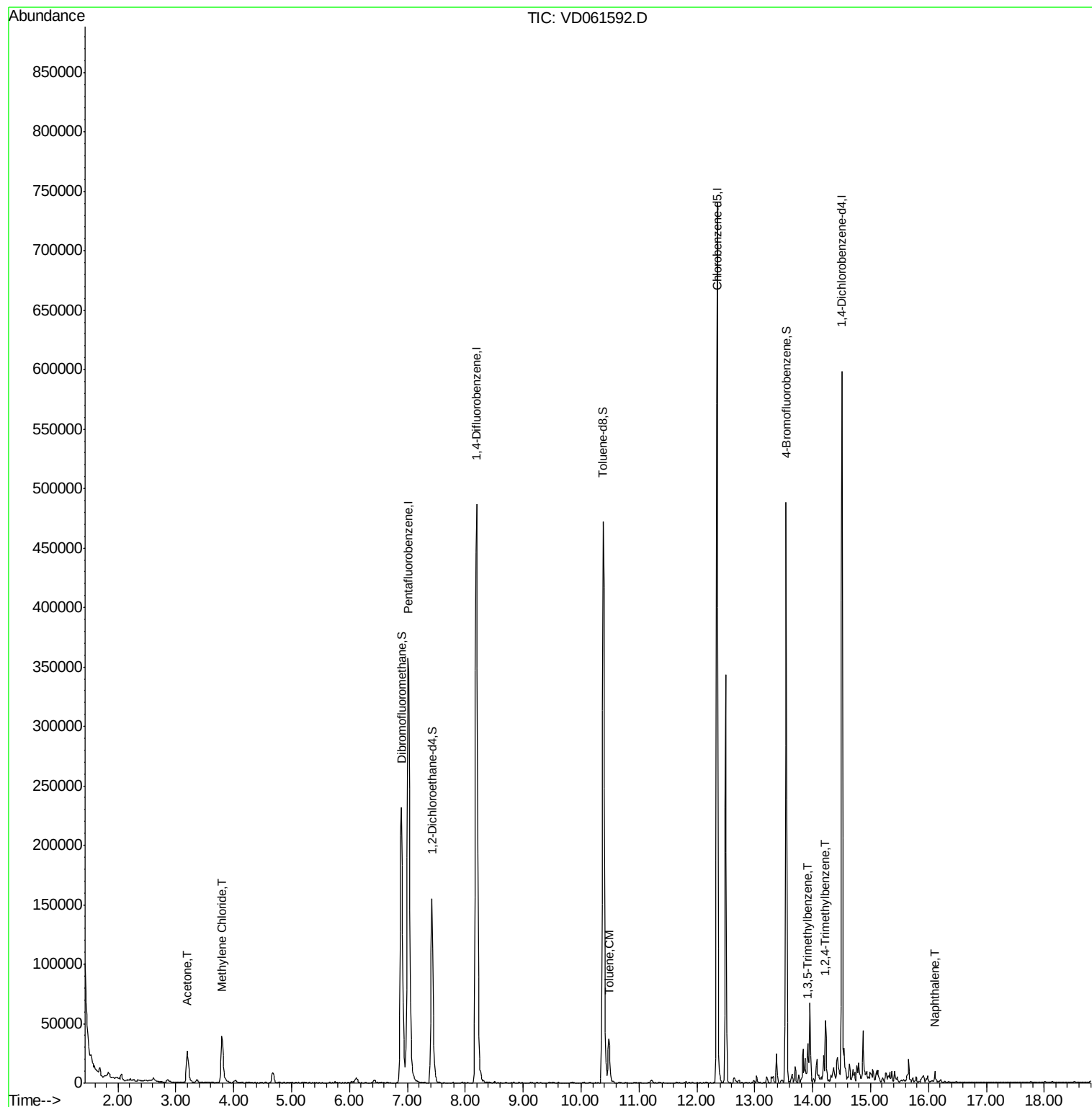
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	396705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	630626	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	459115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	133711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	155787	45.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.94%	
35) Dibromofluoromethane	6.90	113	216718	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
50) Toluene-d8	10.38	98	422974	36.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.18%	
62) 4-Bromofluorobenzene	13.54	95	143333	32.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.68%	
Target Compounds						
16) Acetone	3.19	43	51627	59.263	ug/l	98
20) Methylene Chloride	3.80	84	29260	4.238	ug/l	93
52) Toluene	10.48	92	21071	2.500	ug/l	98
80) 1,3,5-Trimethylbenzene	13.92	105	13195	1.827	ug/l	98
84) 1,2,4-Trimethylbenzene	14.22	105	21171	2.708	ug/l	95
95) Naphthalene	16.11	128	5298	1.991	ug/l	96

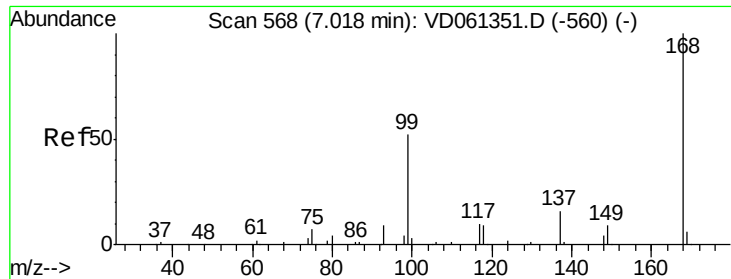
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040419\
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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD061592.D

Acq: 4 Apr 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

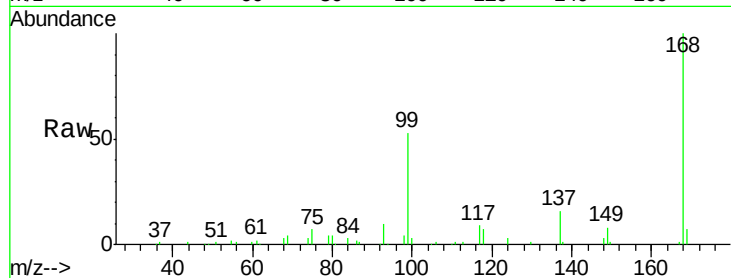
FK-SF-01-007-ABCD

Tot Ion:168 Resp: 396705

Ion Ratio Lower Upper

168 100

99 52.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

150000

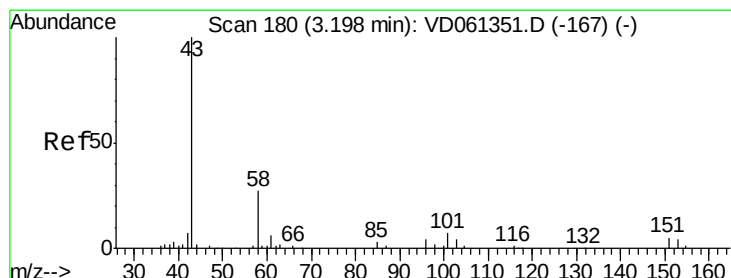
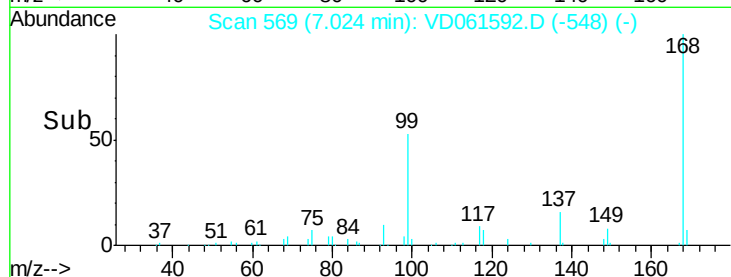
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 59.263 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.00 min

Lab File: VD061592.D

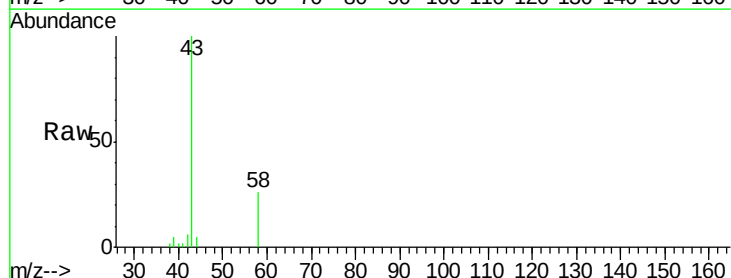
Acq: 4 Apr 2019 21:23

Tgt Ion: 43 Resp: 51627

Ion Ratio Lower Upper

43 100

58 26.1 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

20000

15000

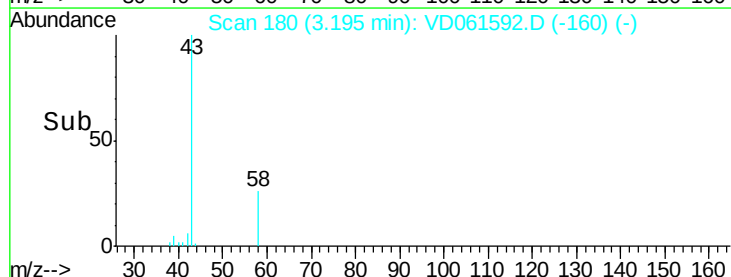
10000

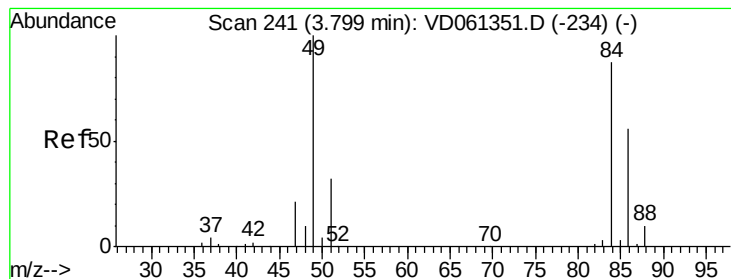
5000

0

3.10 3.20 3.30 3.40

Time-->





#20

Methylene Chloride

Concen: 4.238 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD061592.D

Acq: 4 Apr 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-01-007-ABCD

Tot Ion: 84 Resp: 29260

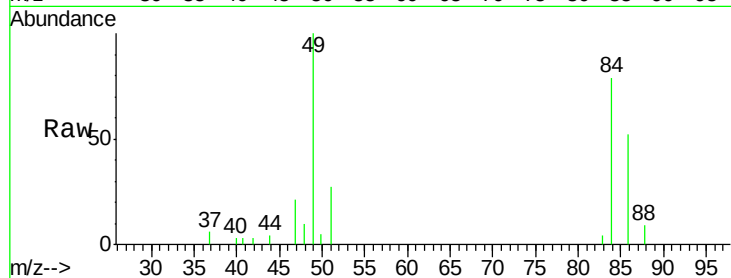
Ion Ratio Lower Upper

84 100

49 126.7 91.8 137.8

51 34.7 29.8 44.8

86 66.3 51.8 77.6

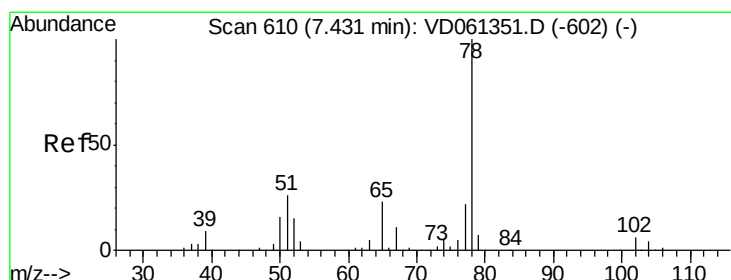
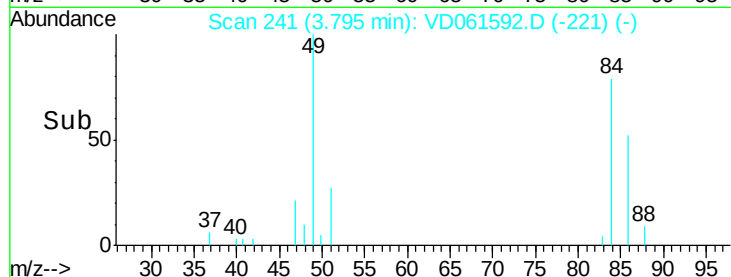
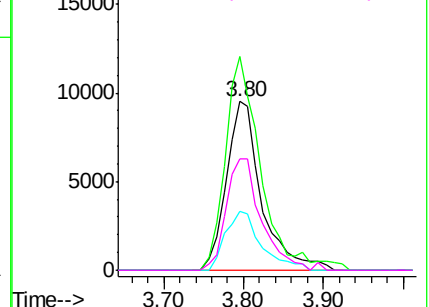


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.42 min Scan# 609

Delta R.T. -0.01 min

Lab File: VD061592.D

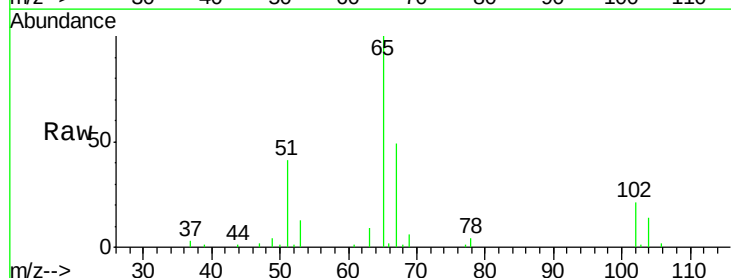
Acq: 4 Apr 2019 21:23

Tgt Ion: 65 Resp: 155787

Ion Ratio Lower Upper

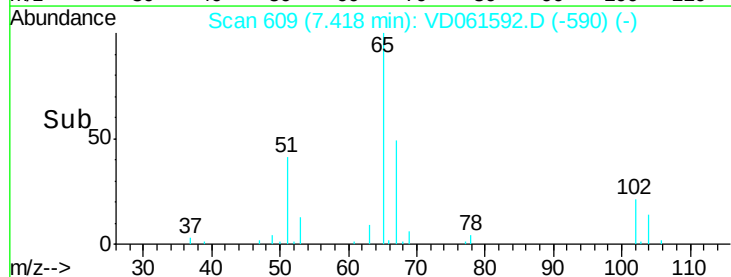
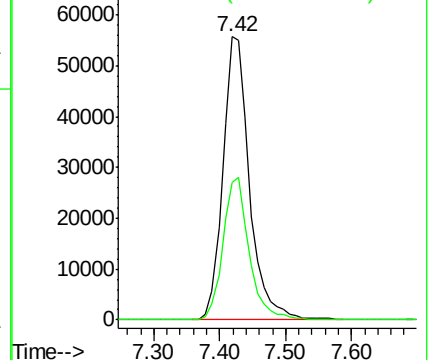
65 100

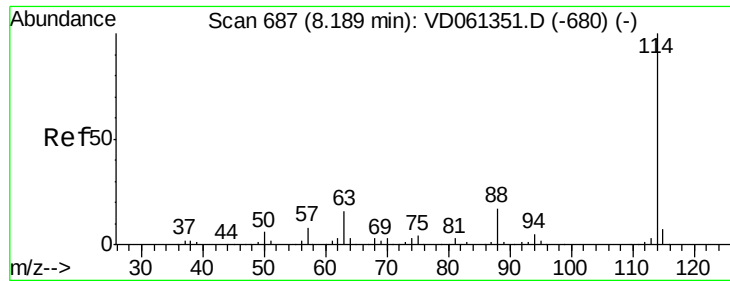
67 48.8 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

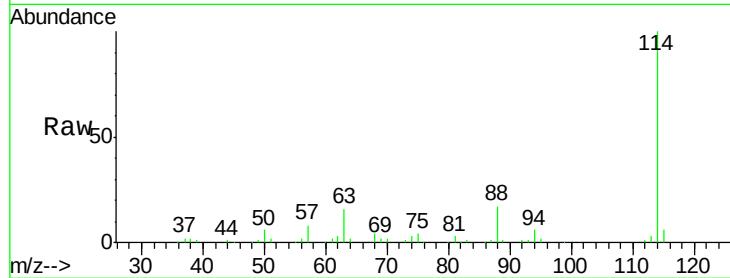




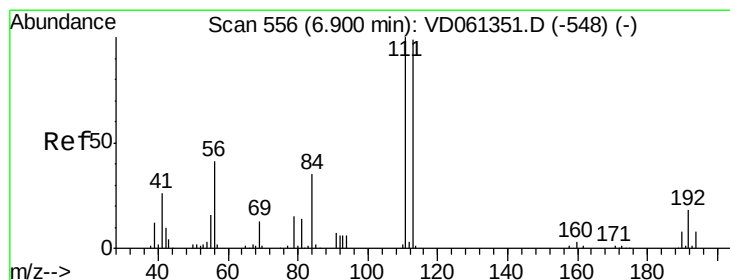
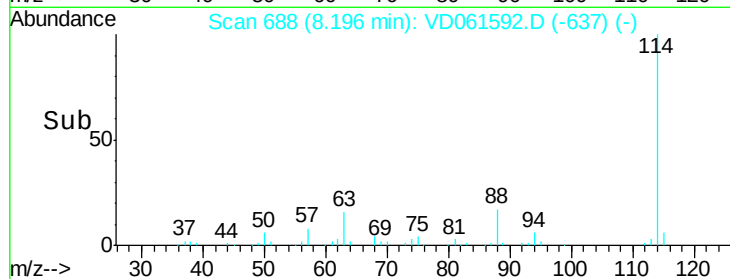
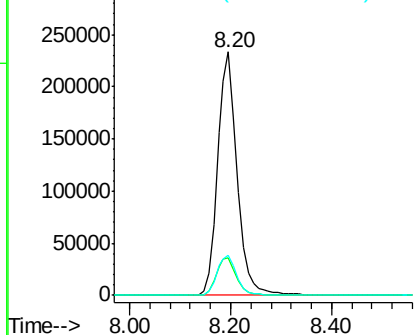
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061592.D
 Acq: 4 Apr 2019 21:23

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-007-ABCD

Tot Ion:114 Resp: 630626
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.6
 88 16.5 0.0 33.4

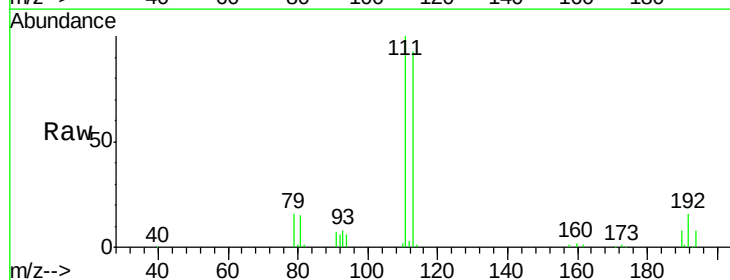


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

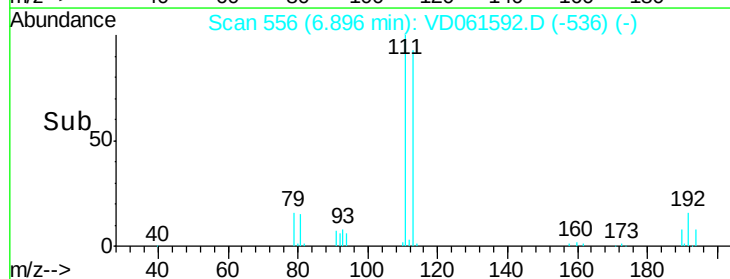
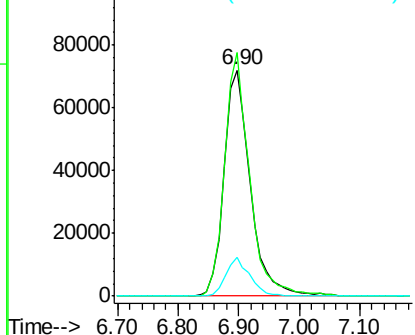


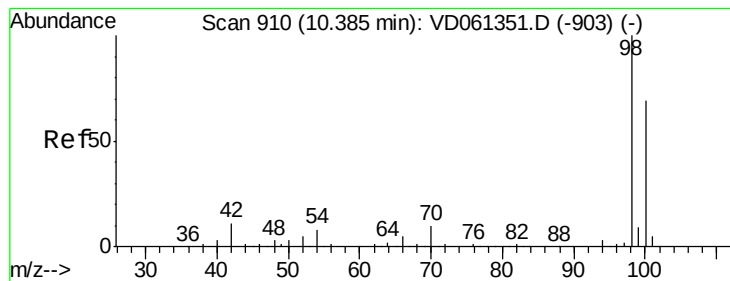
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: VD061592.D
 Acq: 4 Apr 2019 21:23

Tgt Ion:113 Resp: 216718
 Ion Ratio Lower Upper
 113 100
 111 107.8 81.0 121.6
 192 17.4 14.4 21.6



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.00 min

Lab File: VD061592.D

Acq: 4 Apr 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

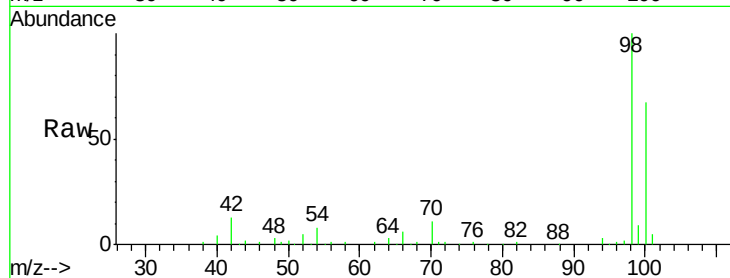
FK-SF-01-007-ABCD

Tot Ion: 98 Resp: 422974

Ion Ratio Lower Upper

98 100

100 67.4 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.38

200000

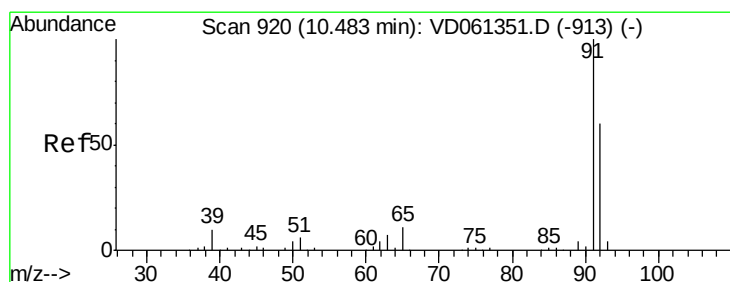
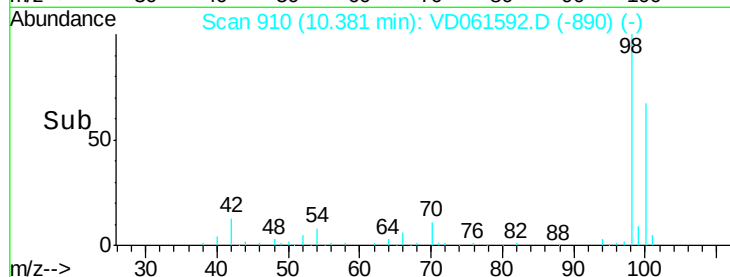
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 2.500 ug/l

RT: 10.48 min Scan# 920

Delta R.T. -0.00 min

Lab File: VD061592.D

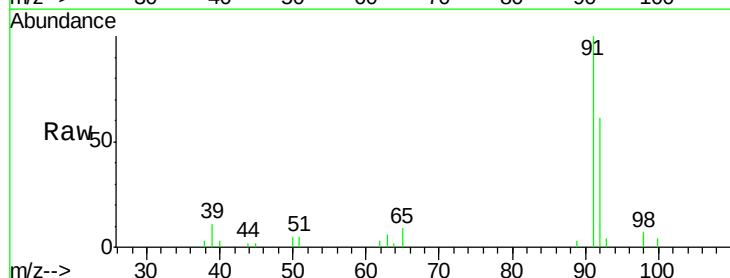
Acq: 4 Apr 2019 21:23

Tgt Ion: 92 Resp: 21071

Ion Ratio Lower Upper

92 100

91 163.3 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VD061351.D (-913) (-)

Ion 91.00 (90.70 to 91.70): VD061351.D (-913) (-)

10.48

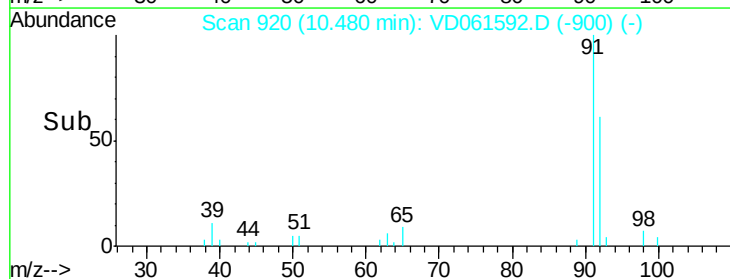
15000

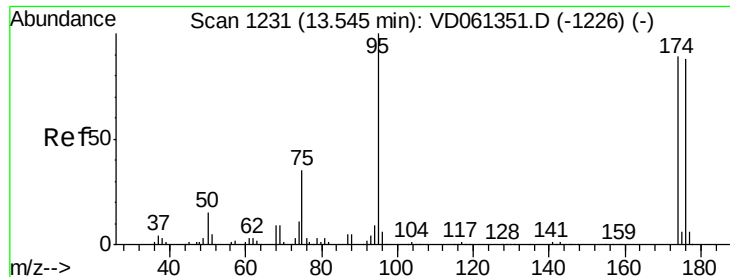
10000

5000

0

Time-->

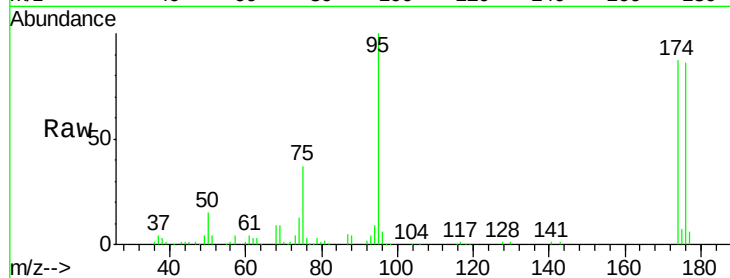




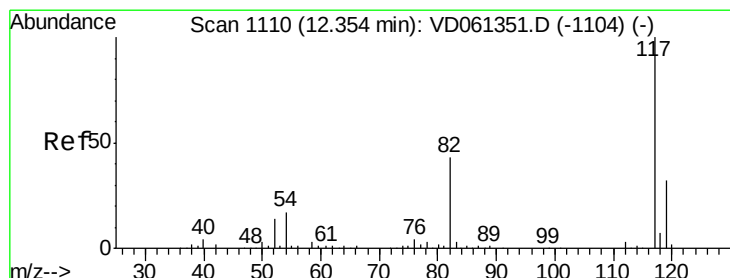
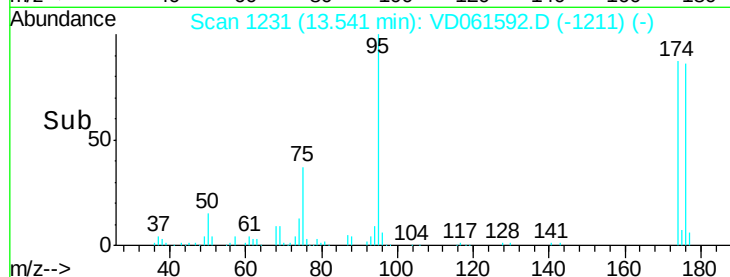
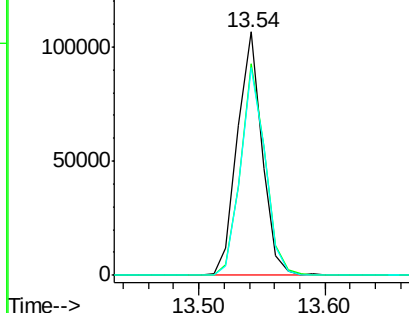
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-007-ABCD

Tot Ion: 95 Resp: 143333
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.0
176 85.6 0.0 175.0

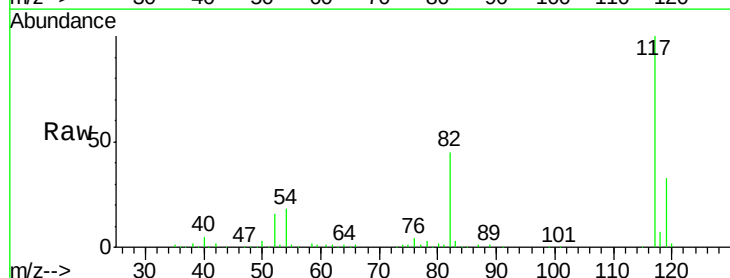


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

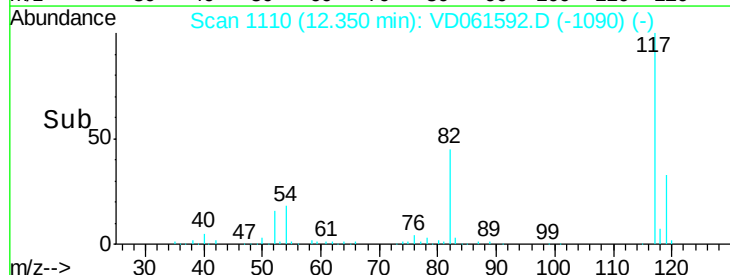
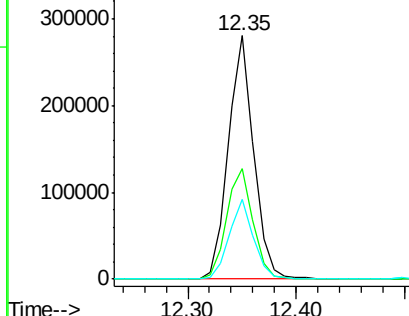


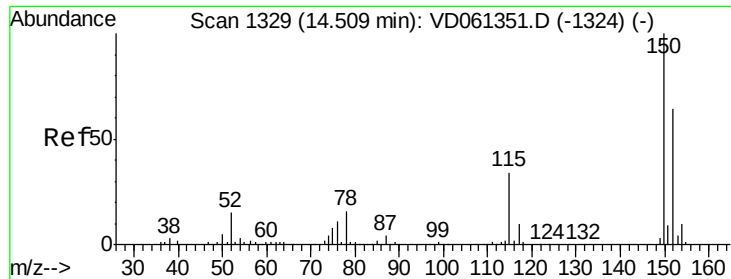
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Tgt Ion: 117 Resp: 459115
Ion Ratio Lower Upper
117 100
82 45.3 34.4 51.6
119 32.7 25.8 38.6



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

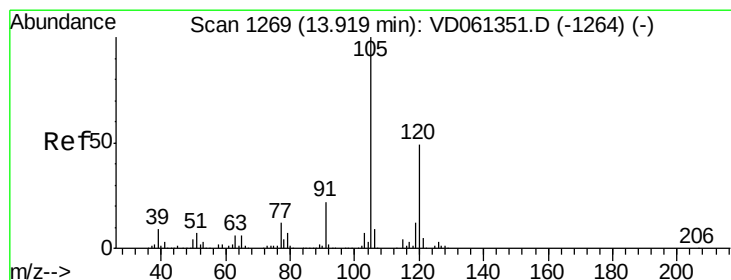
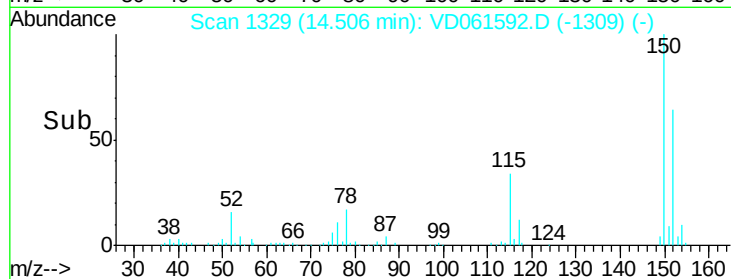
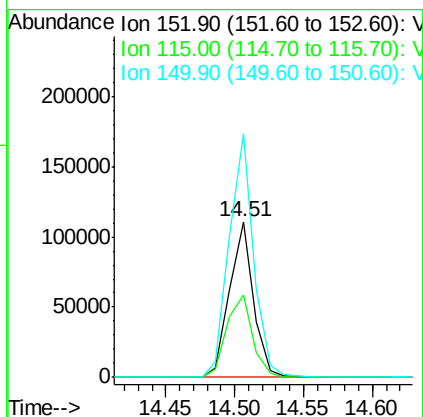
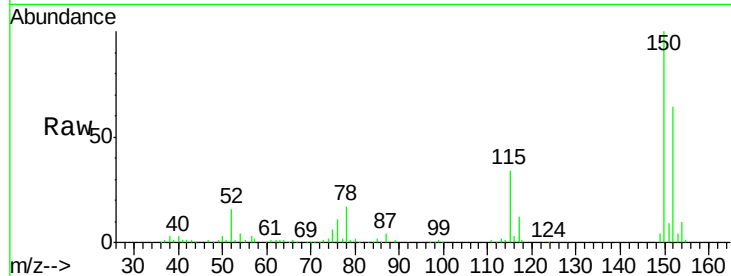




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061592.D
 Acq: 4 Apr 2019 21:23

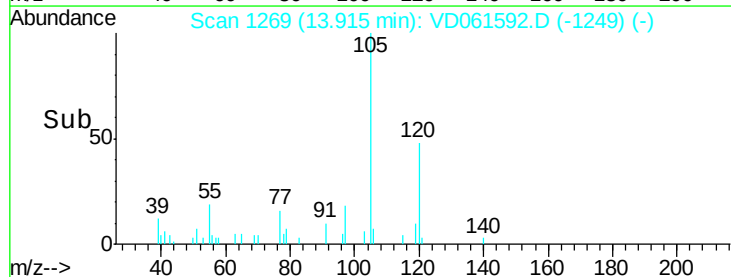
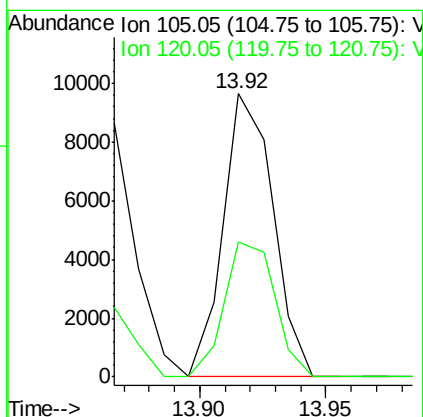
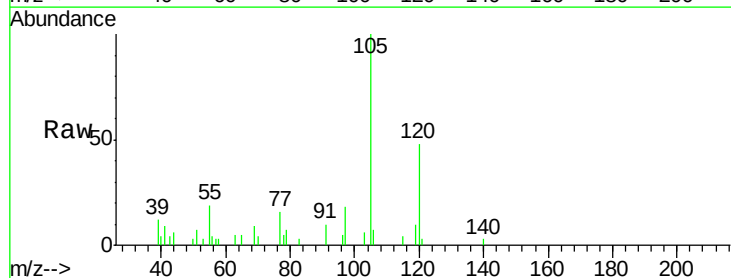
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-007-ABCD

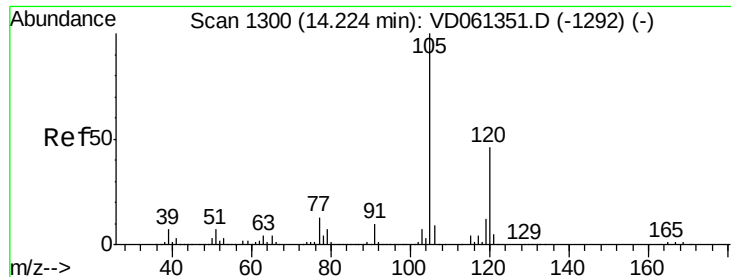
Tot Ion:152 Resp: 133711
 Ion Ratio Lower Upper
 152 100
 115 52.7 26.9 80.6
 150 156.2 0.0 318.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.827 ug/l
 RT: 13.92 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD061592.D
 Acq: 4 Apr 2019 21:23

Tgt Ion:105 Resp: 13195
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 2.708 ug/l

RT: 14.22 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VD061592.D

Acq: 4 Apr 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

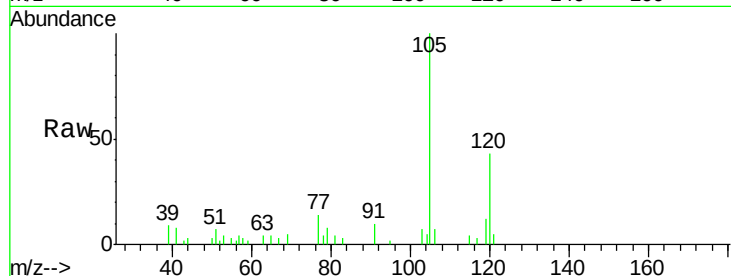
FK-SF-01-007-ABCD

Tot Ion:105 Resp: 21171

Ion Ratio Lower Upper

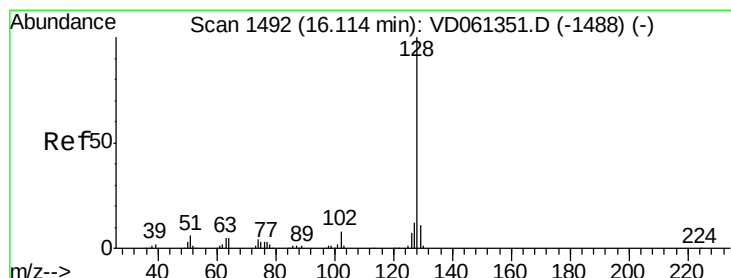
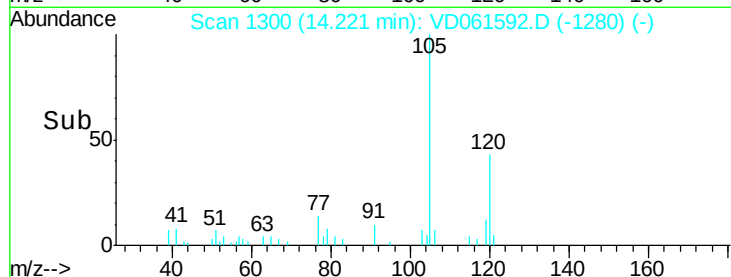
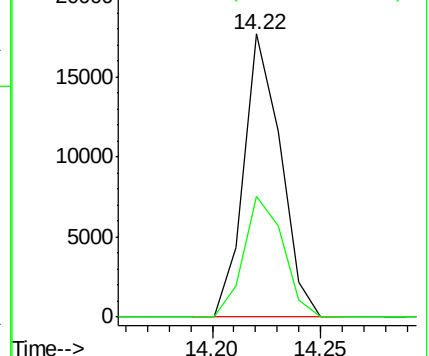
105 100

120 42.6 22.8 68.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#95

Naphthalene

Concen: 1.991 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VD061592.D

Acq: 4 Apr 2019 21:23

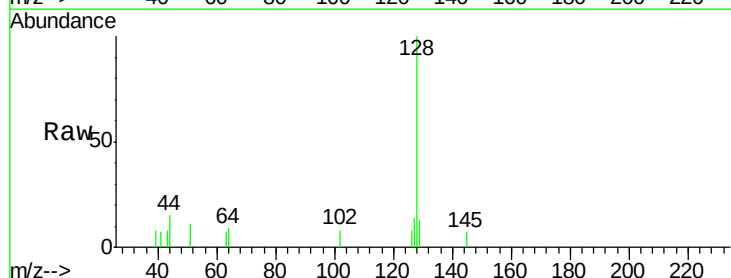
Tgt Ion:128 Resp: 5298

Ion Ratio Lower Upper

128 100

127 13.8 9.9 14.9

129 12.7 8.9 13.3



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

