

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061622.D
 Acq On : 5 Apr 2019 15:49
 Operator : VA/AP
 Sample : K2244-02
 Misc : 5.20g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 05 17:15:12 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

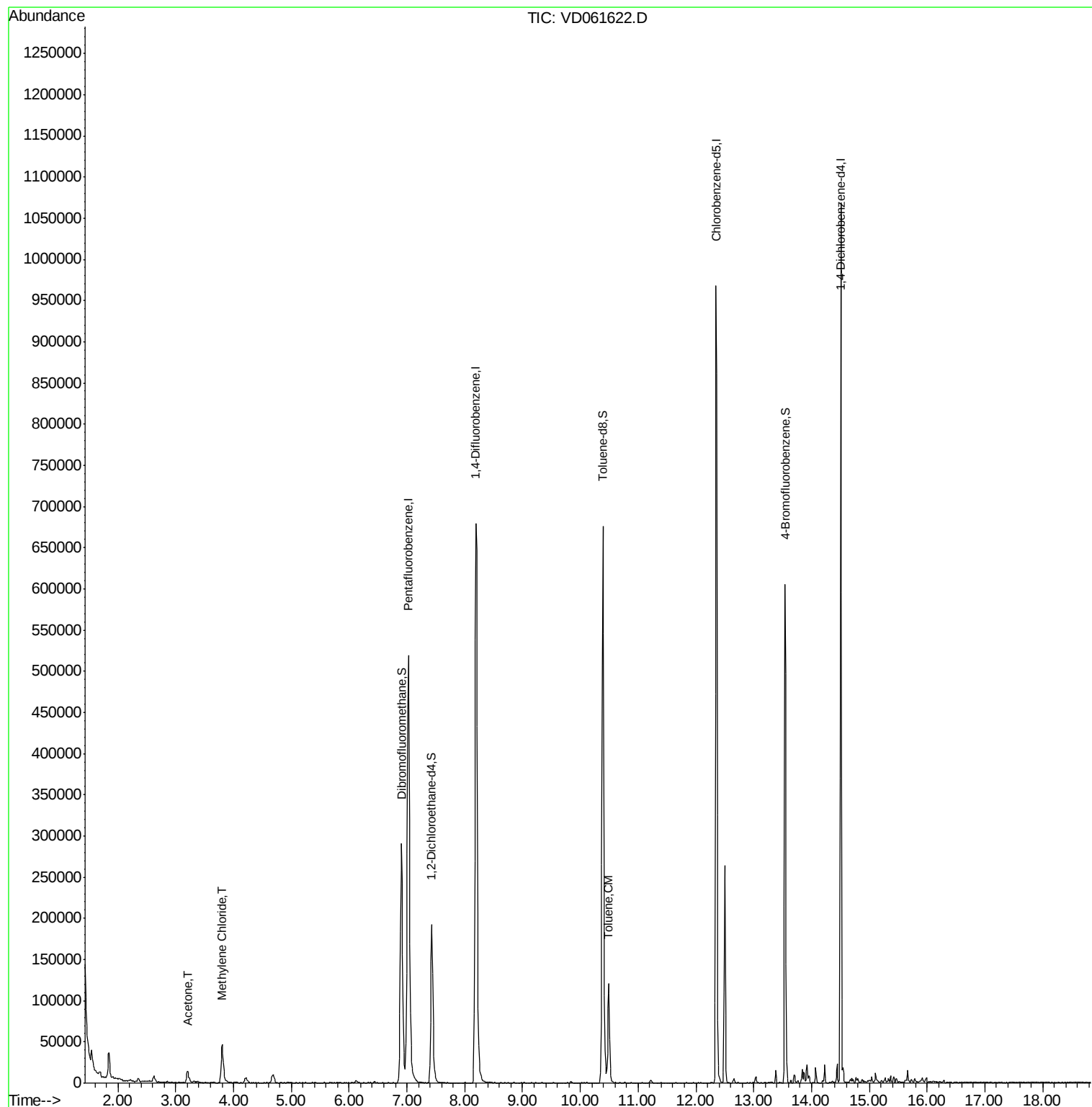
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	555709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	886860	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	630307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	229026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	184978	38.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.94%	
35) Dibromofluoromethane	6.90	113	278565	41.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.20%	
50) Toluene-d8	10.39	98	579964	35.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.36%	
62) 4-Bromofluorobenzene	13.54	95	200129	32.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.22%	
Target Compounds						
16) Acetone	3.20	43	27456	22.499	ug/l	94
20) Methylene Chloride	3.80	84	35563	3.413	ug/l	98
52) Toluene	10.49	92	67309	5.679	ug/l	96

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
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. 0.00 min

Lab File: VD061622.D

Acq: 5 Apr 2019 15:49

Instrument :

MSVOA_D

ClientSampleId :

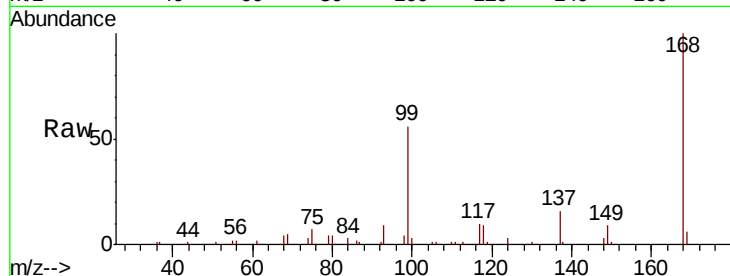
FK-SF-01-007-ABCD

Tot Ion:168 Resp: 555709

Ion Ratio Lower Upper

168 100

99 55.9 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

200000

150000

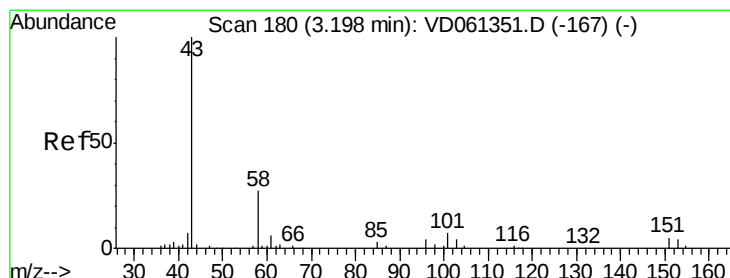
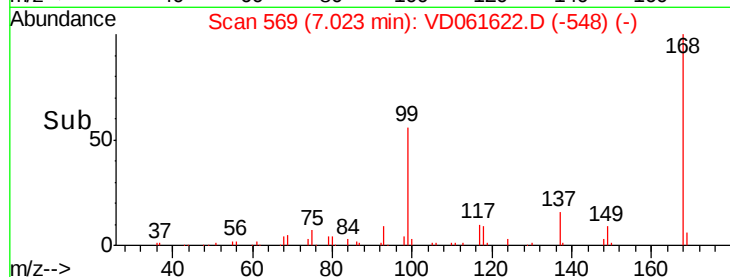
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 22.499 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.00 min

Lab File: VD061622.D

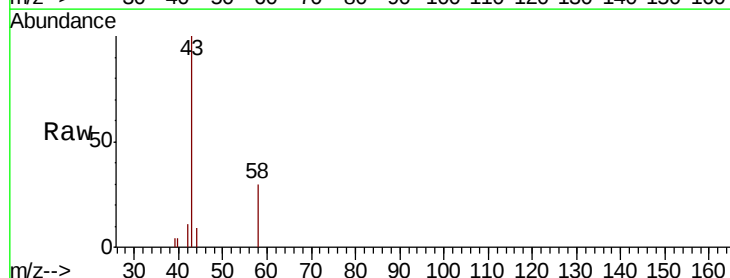
Acq: 5 Apr 2019 15:49

Tgt Ion: 43 Resp: 27456

Ion Ratio Lower Upper

43 100

58 30.2 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

10000

8000

6000

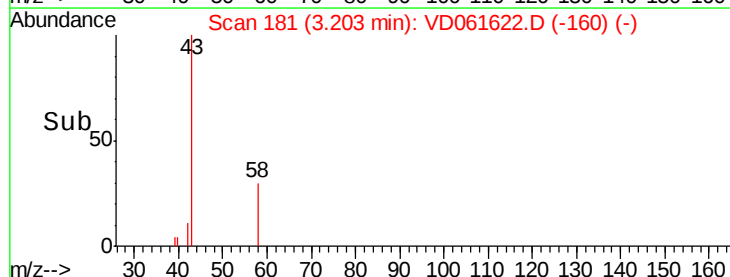
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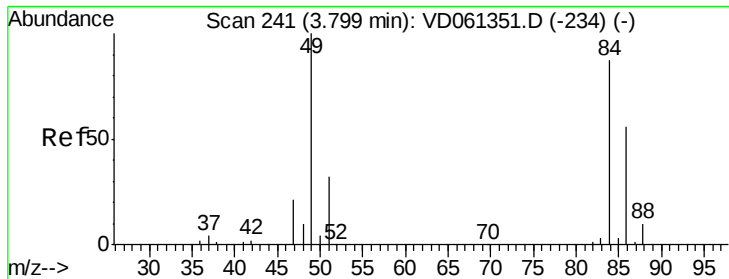
2000

0

3.10 3.20 3.30

Time-->

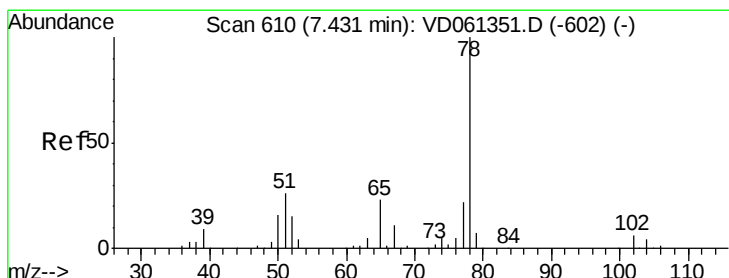
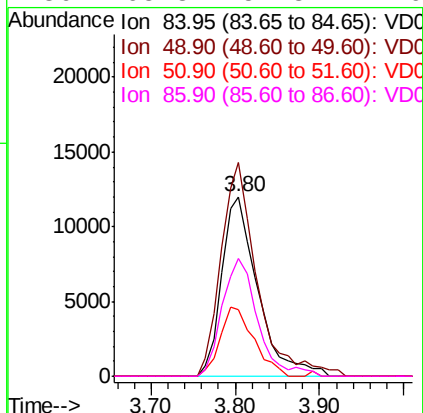
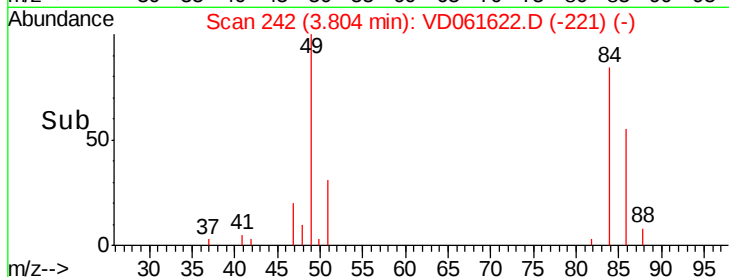
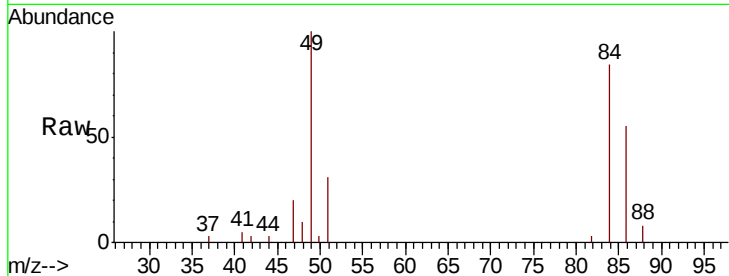




#20
Methvlene Chloride
Concen: 3.413 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD061622.D
Acq: 5 Apr 2019 15:49

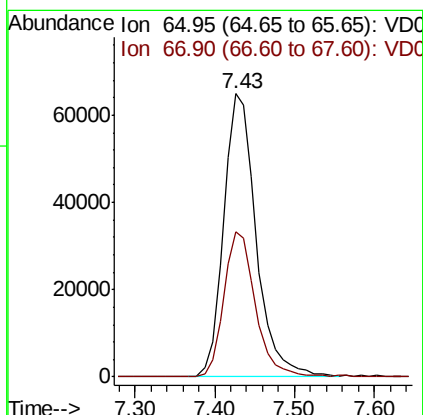
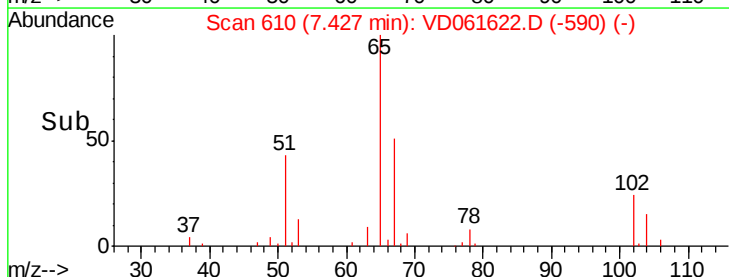
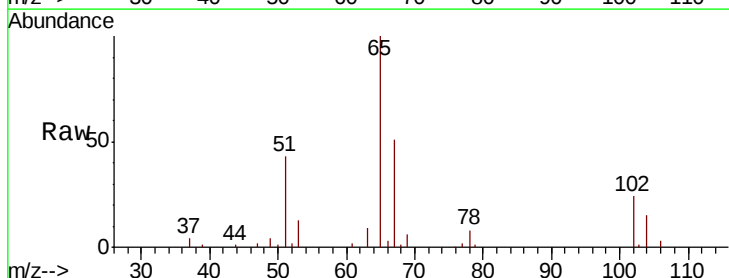
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-007-ABCD

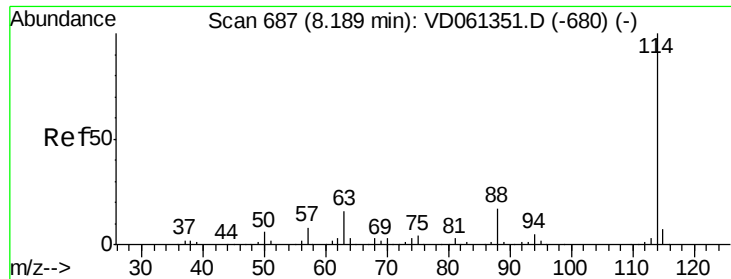
Tot Ion: 84 Resp: 35563
Ion Ratio Lower Upper
84 100
49 118.9 91.8 137.8
51 37.4 29.8 44.8
86 65.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.00 min
Lab File: VD061622.D
Acq: 5 Apr 2019 15:49

Tgt Ion: 65 Resp: 184978
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.8

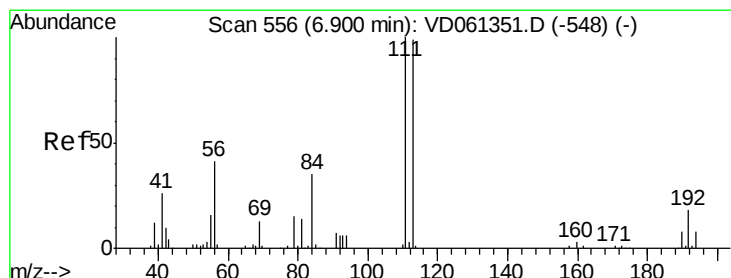
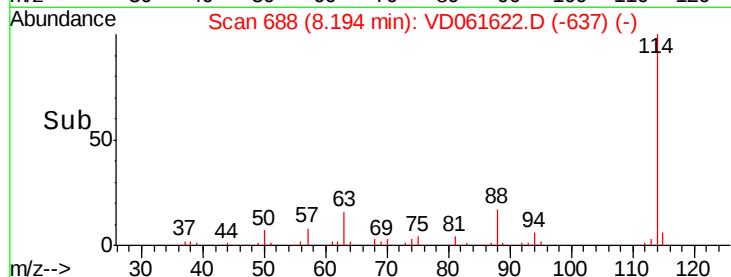
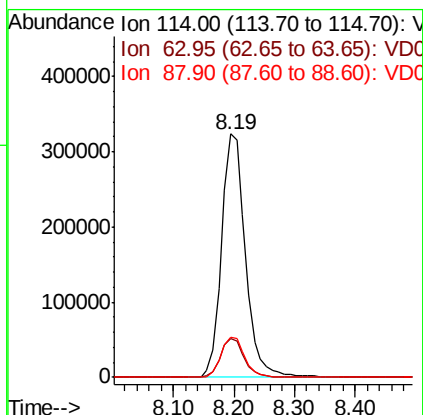
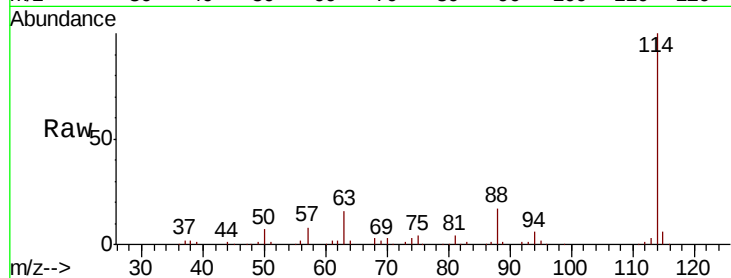




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD061622.D
 Acq: 5 Apr 2019 15:49

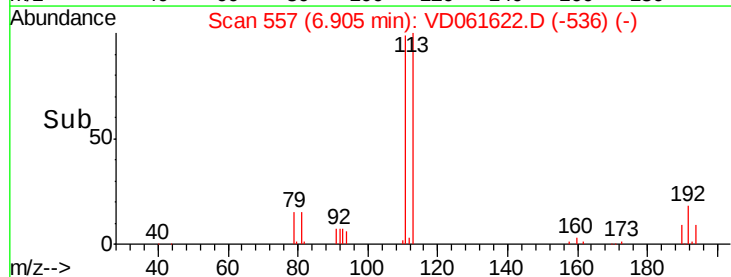
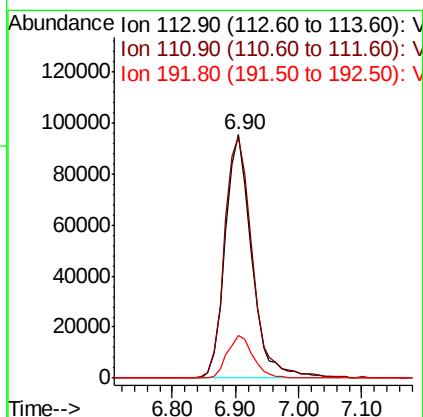
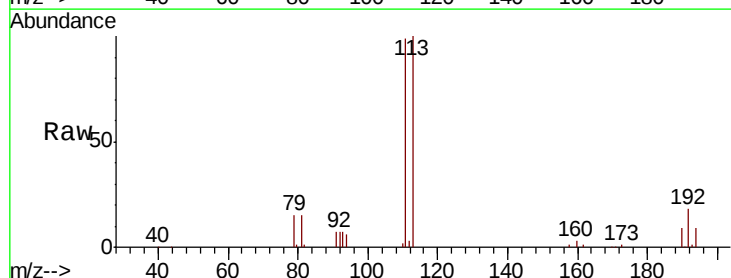
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-007-ABCD

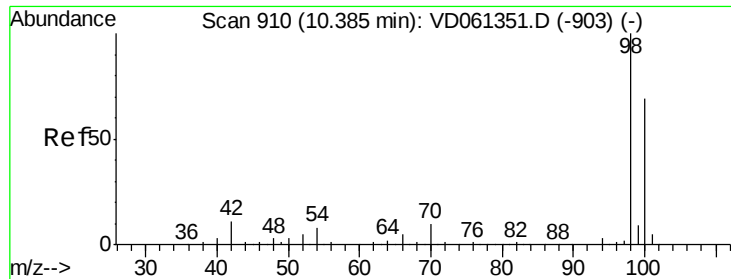
Tot Ion:114 Resp: 886860
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 16.6 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061622.D
 Acq: 5 Apr 2019 15:49

Tgt Ion:113 Resp: 278565
 Ion Ratio Lower Upper
 113 100
 111 99.1 81.0 121.6
 192 17.6 14.4 21.6

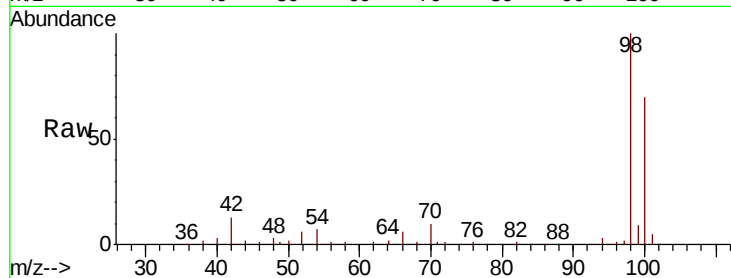




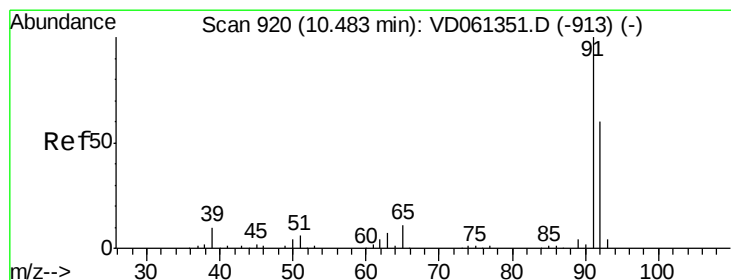
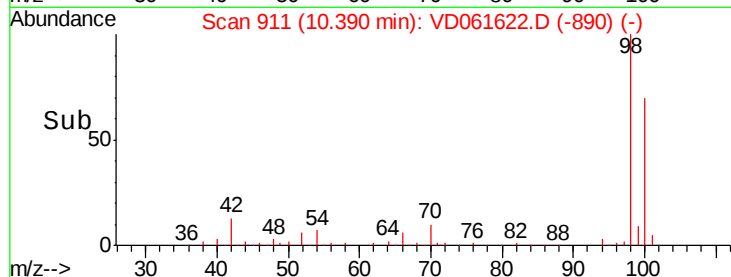
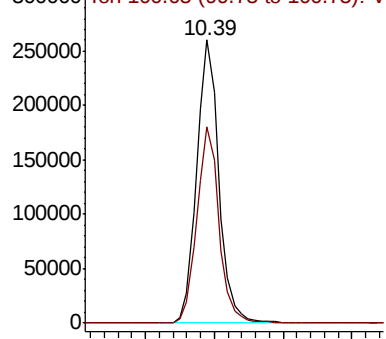
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061622.D
Acq: 5 Apr 2019 15:49

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

Tot Ion: 98 Resp: 579964
Ion Ratio Lower Upper
98 100
100 69.5 56.2 84.2

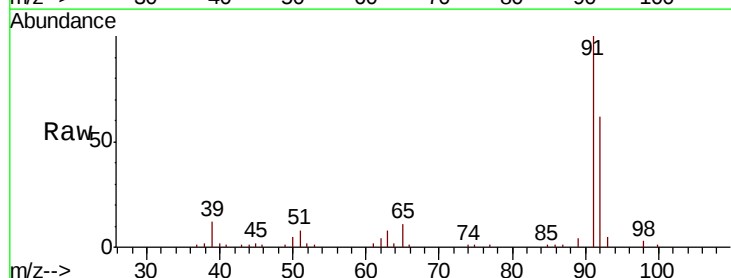


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

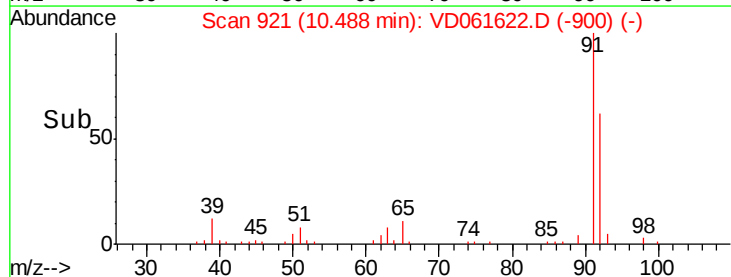
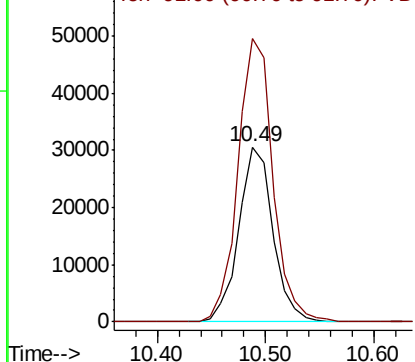


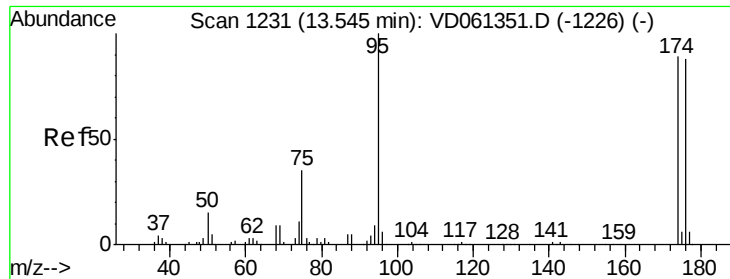
#52
Toluene
Concen: 5.679 ug/l
RT: 10.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: VD061622.D
Acq: 5 Apr 2019 15:49

Tgt Ion: 92 Resp: 67309
Ion Ratio Lower Upper
92 100
91 161.6 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

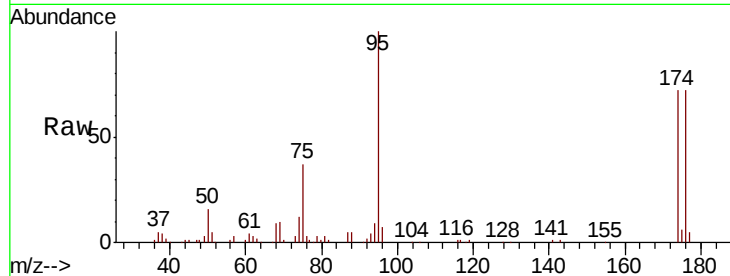




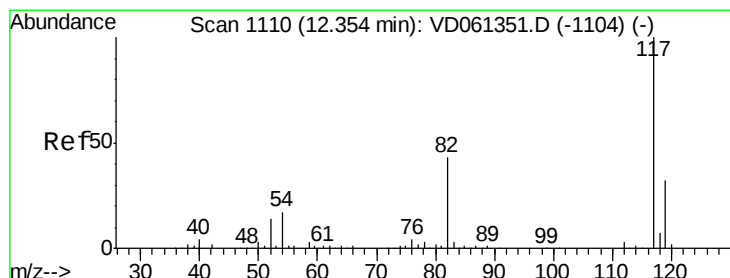
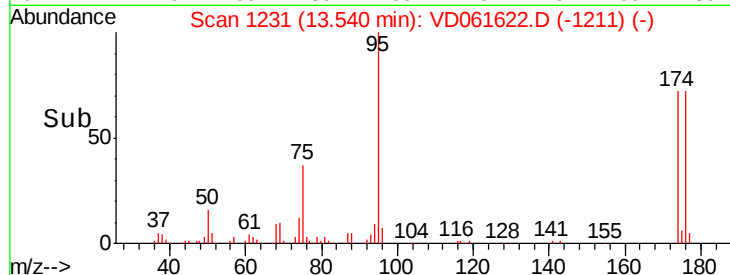
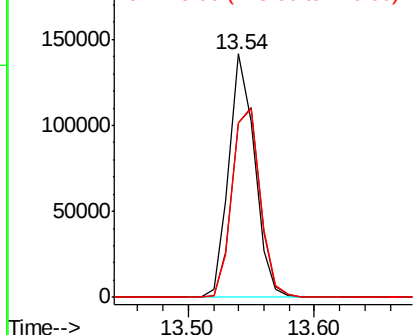
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061622.D
Acq: 5 Apr 2019 15:49

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

Tot Ion: 95 Resp: 200129
Ion Ratio Lower Upper
95 100
174 71.9 0.0 178.0
176 71.6 0.0 175.0

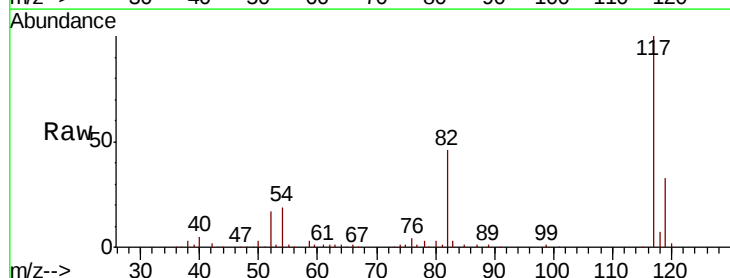


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

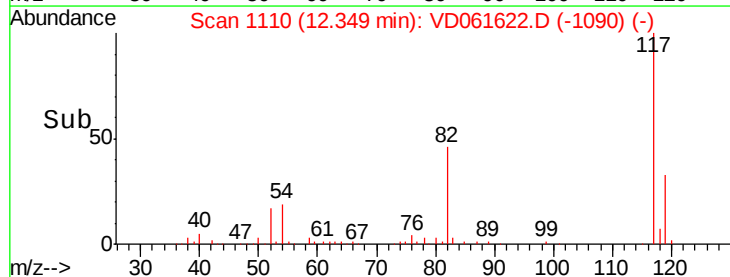
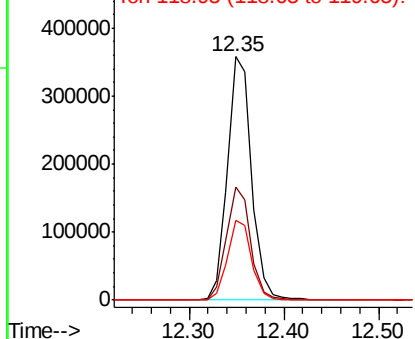


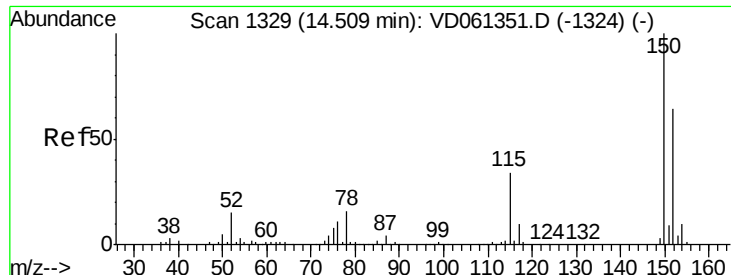
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061622.D
Acq: 5 Apr 2019 15:49

Tgt Ion: 117 Resp: 630307
Ion Ratio Lower Upper
117 100
82 46.5 34.4 51.6
119 32.5 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

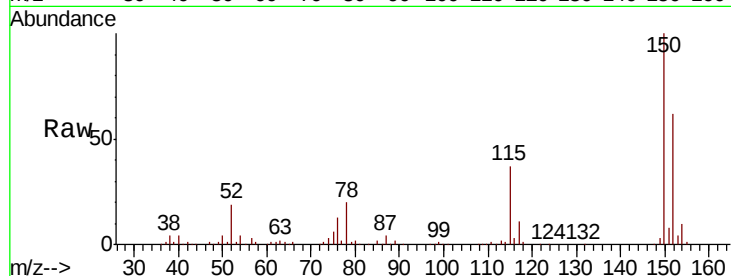




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061622.D
 Acq: 5 Apr 2019 15:49

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.4	26.9	80.6
150	161.2	0.0	318.0



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

