

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061470.D
 Acq On : 1 Apr 2019 15:59
 Operator : VA/AP
 Sample : K2184-02
 Misc : 3.93g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-002

Quant Time: Apr 02 01:55:36 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

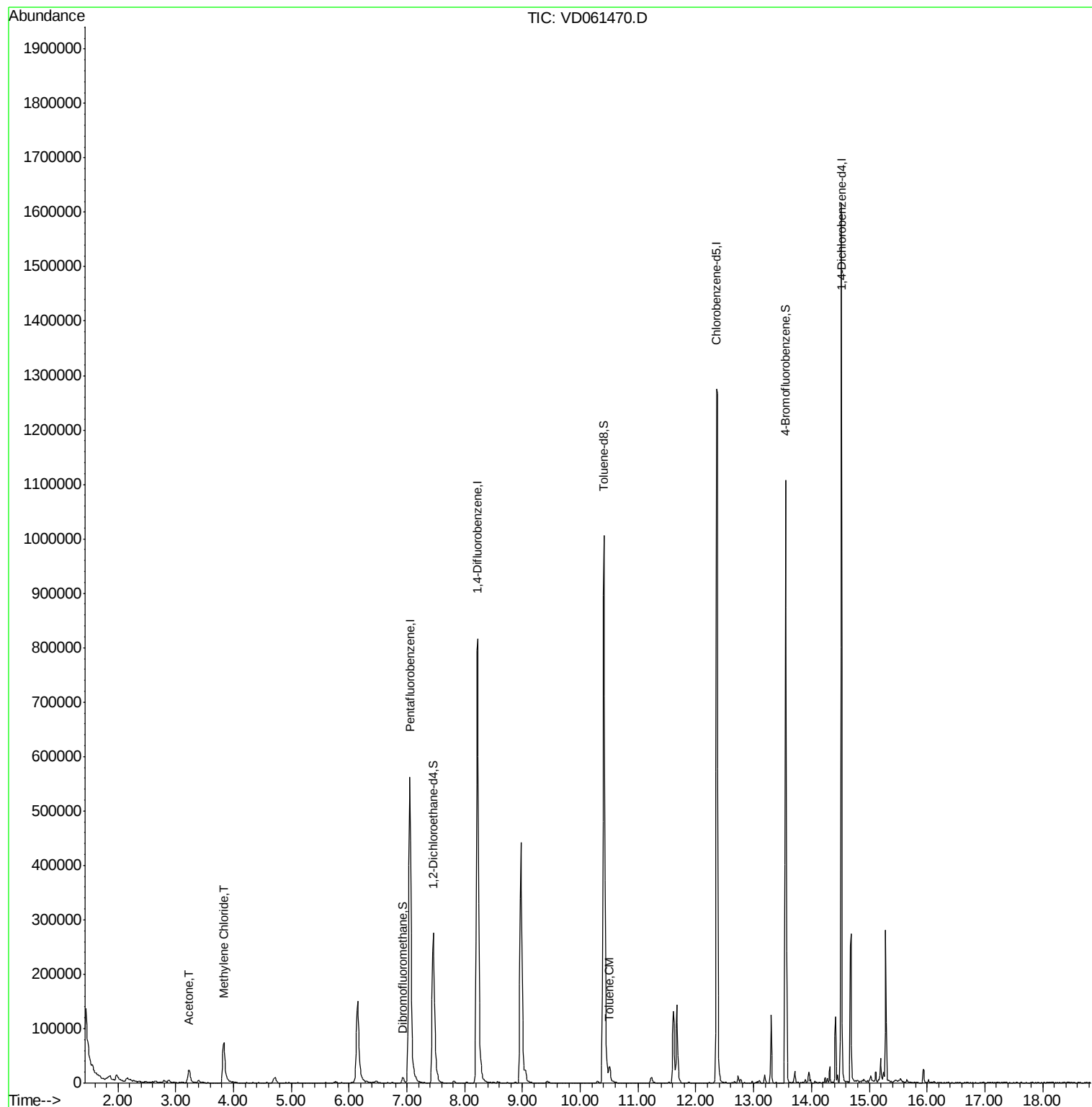
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	630147	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1107840	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	898627	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	363708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	265920	49.40	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	6.93	113	10702	1.26	ug/l	0.03
Spiked Amount 50.000			Recovery	=	2.52%	
50) Toluene-d8	10.41	98	919945	45.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.62%	
62) 4-Bromofluorobenzene	13.55	95	353893	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
16) Acetone	3.23	43	52930	38.250	ug/l	98
20) Methylene Chloride	3.83	84	64801	6.697	ug/l	93
52) Toluene	10.51	92	15671	1.059	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

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MSVOA_D

ClientSampleId :

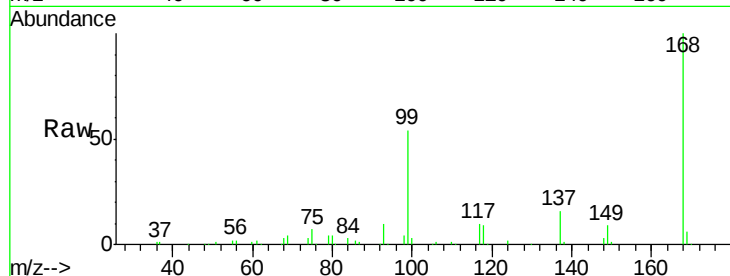
FK-0D015-03-002

Tot Ion:168 Resp: 630147

Ion Ratio Lower Upper

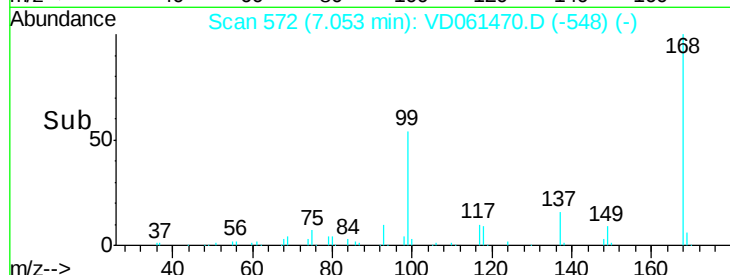
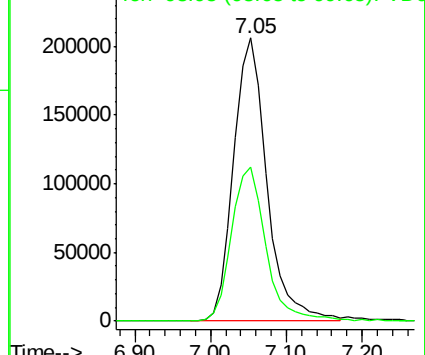
168 100

99 54.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 38.250 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.03 min

Lab File: VD061470.D

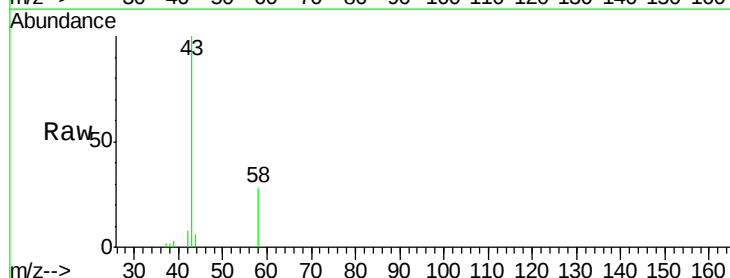
Acq: 1 Apr 2019 15:59

Tgt Ion: 43 Resp: 52930

Ion Ratio Lower Upper

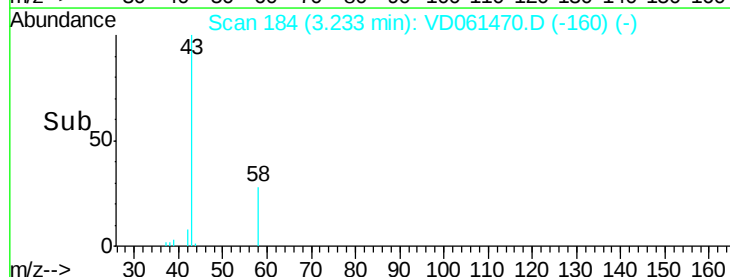
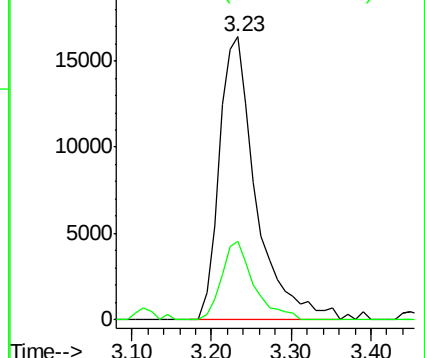
43 100

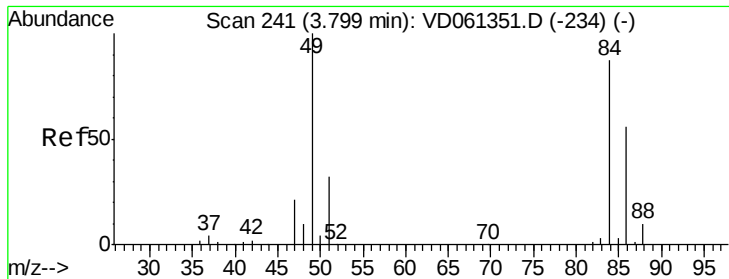
58 27.7 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

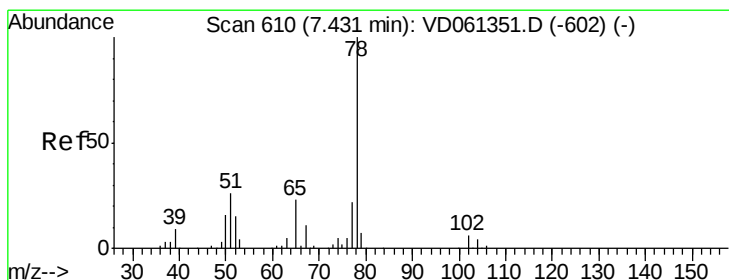
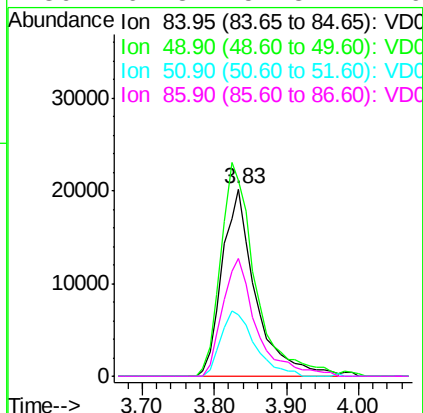
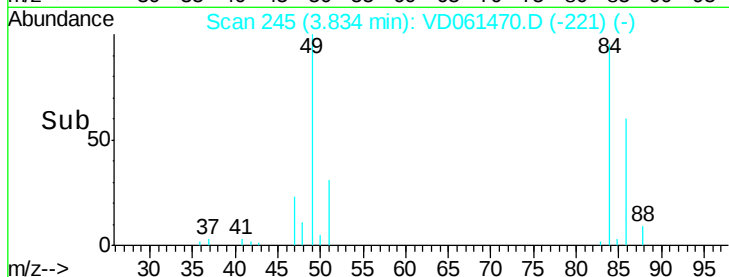
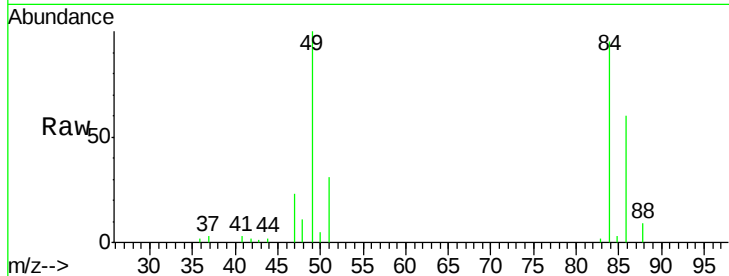




#20
Methylene Chloride
Concen: 6.697 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

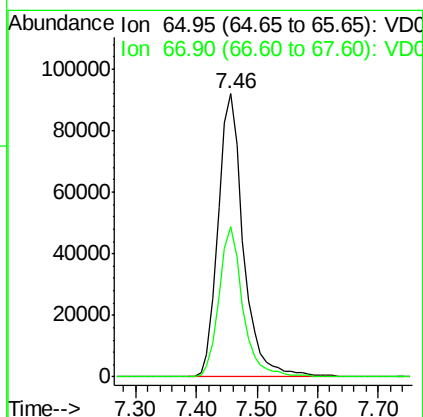
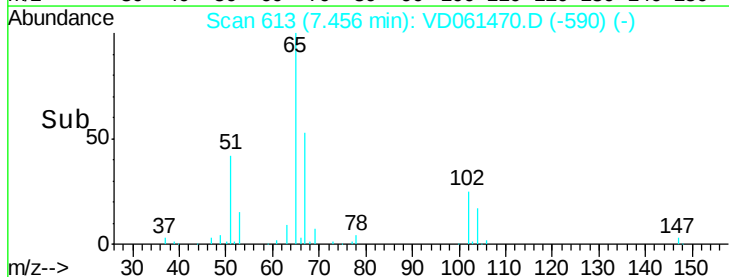
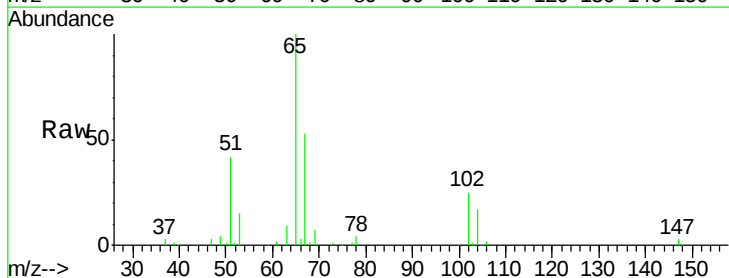
Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002

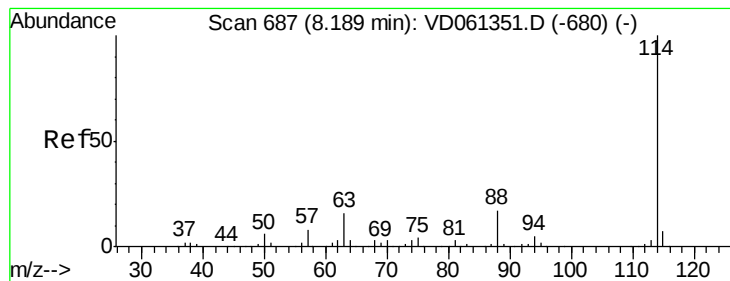
Tot Ion: 84 Resp: 64801
Ion Ratio Lower Upper
84 100
49 104.9 91.8 137.8
51 33.0 29.8 44.8
86 62.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 65 Resp: 265920
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD061470.D

Acq: 1 Apr 2019 15:59

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-002

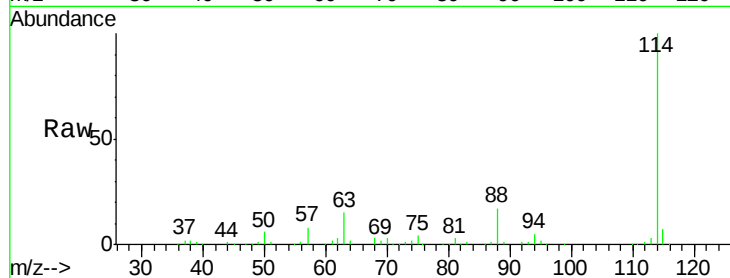
Tot Ion:114 Resp: 1107840

Ion Ratio Lower Upper

114 100

63 15.3 0.0 31.6

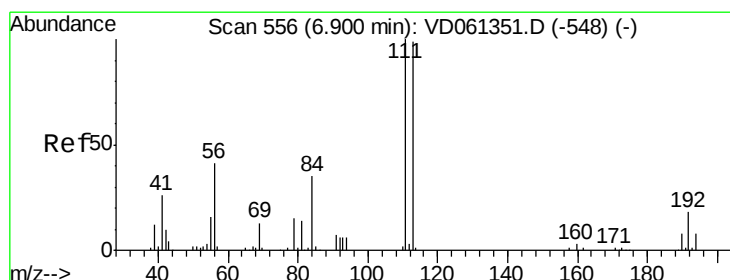
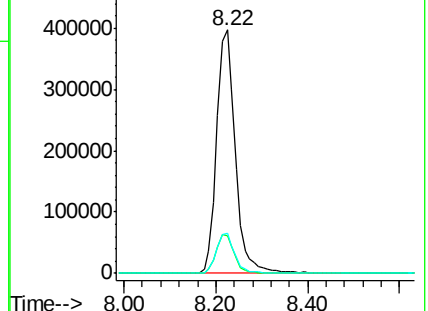
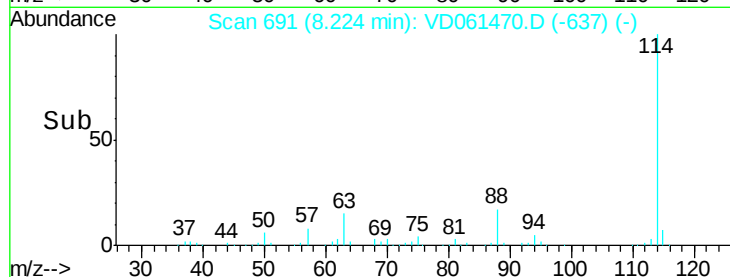
88 16.6 0.0 33.4



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: 6.93 min Scan# 560

Delta R.T. 0.03 min

Lab File: VD061470.D

Acq: 1 Apr 2019 15:59

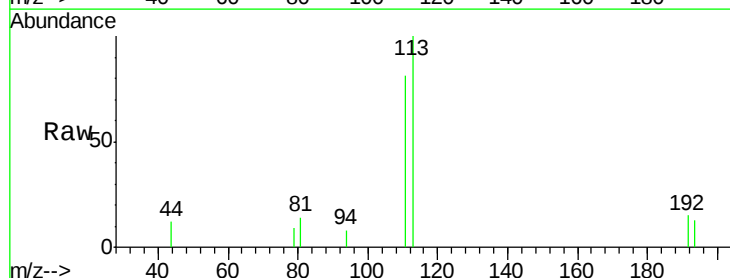
Tgt Ion:113 Resp: 10702

Ion Ratio Lower Upper

113 100

111 81.2 81.0 121.6

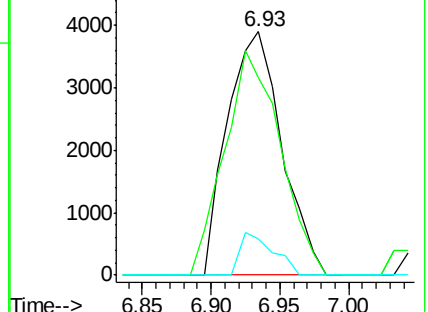
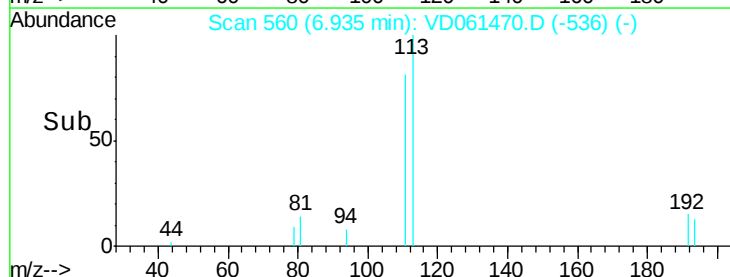
192 15.2 14.4 21.6

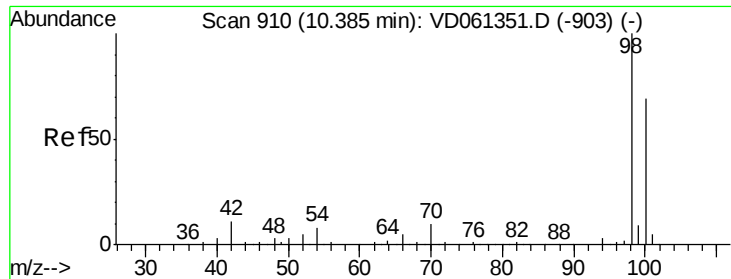


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

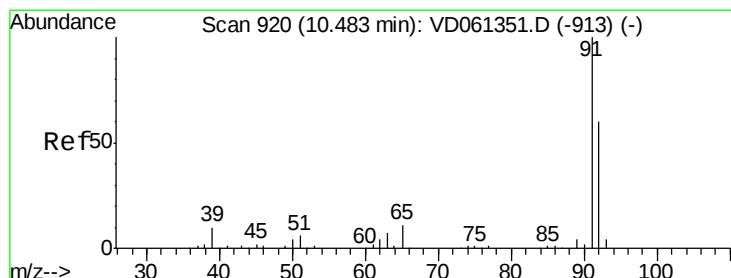
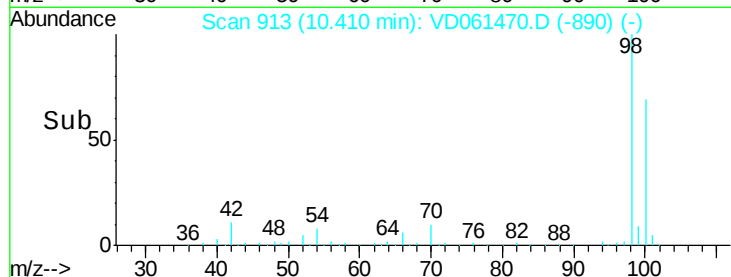
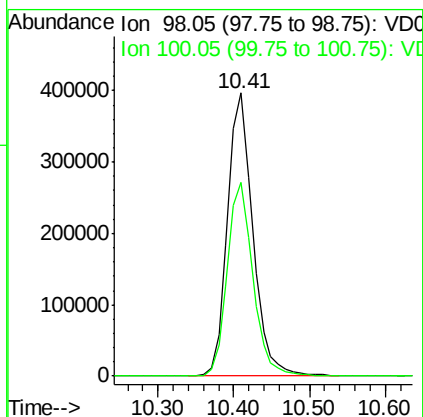
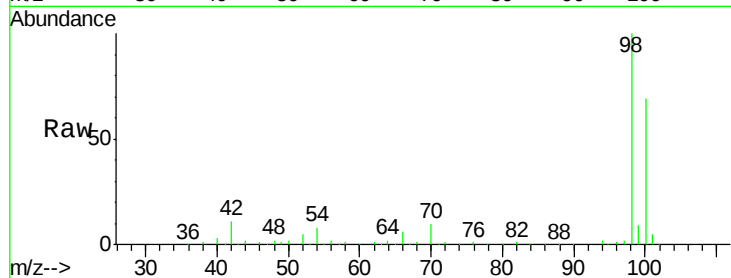




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

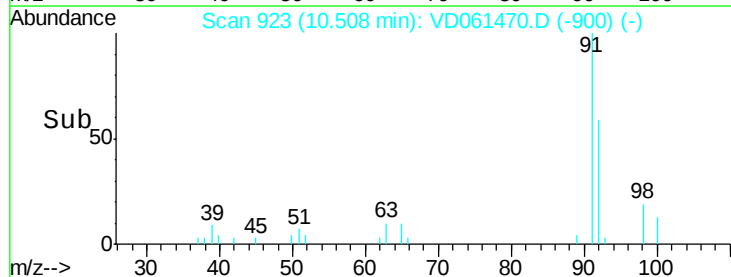
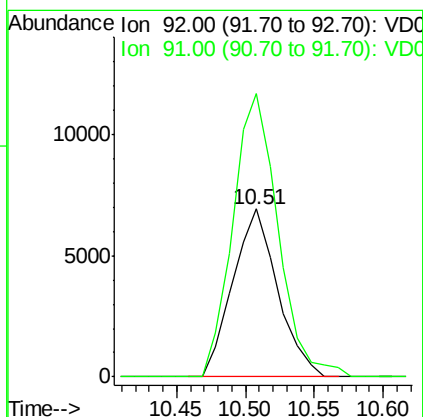
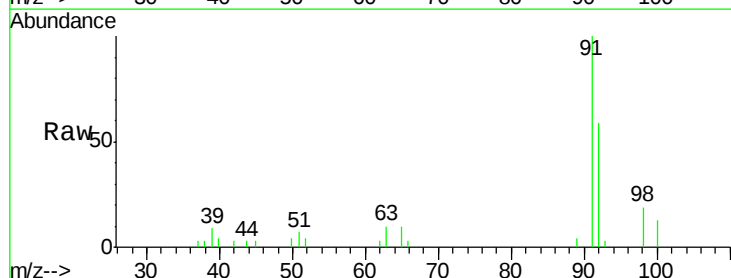
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FK-0D015-03-002

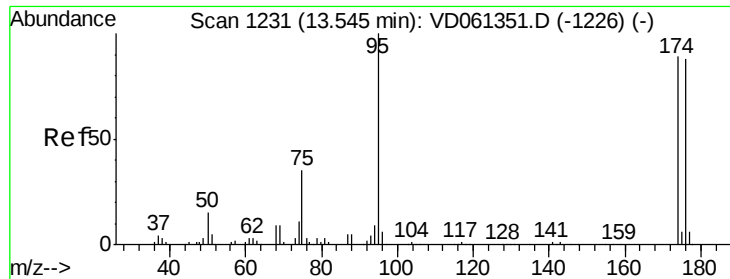
Tot Ion: 98 Resp: 919945
Ion Ratio Lower Upper
98 100
100 68.5 56.2 84.2



#52
Toluene
Concen: 1.059 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.02 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 92 Resp: 15671
Ion Ratio Lower Upper
92 100
91 168.4 133.3 199.9

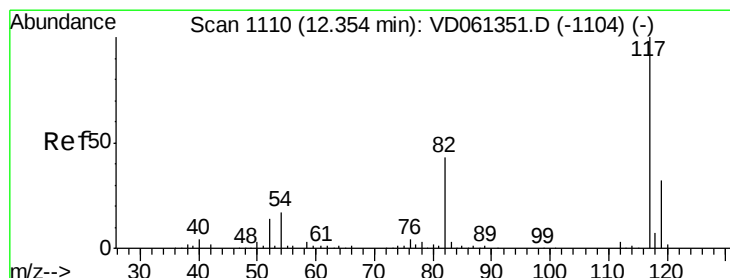
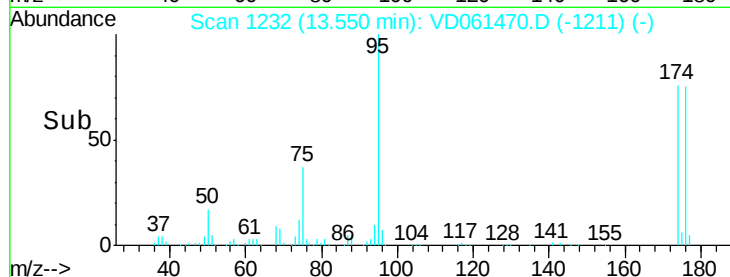
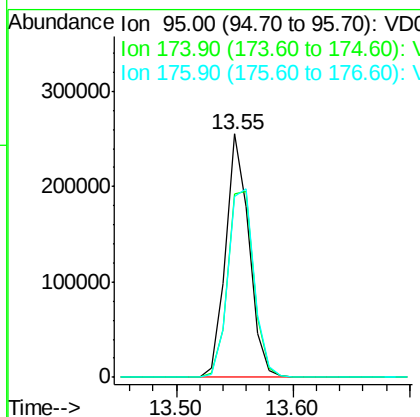
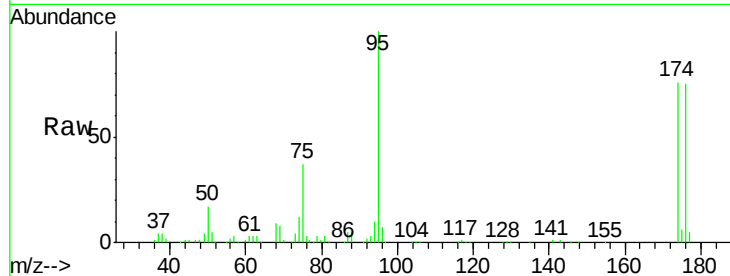




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

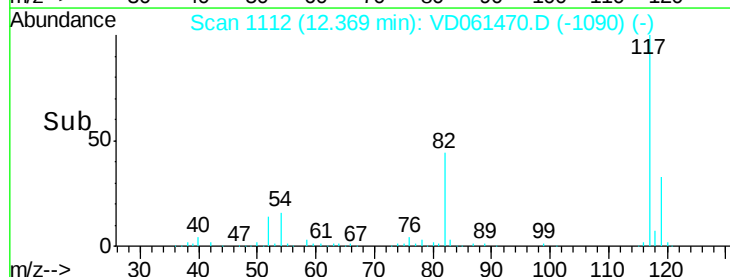
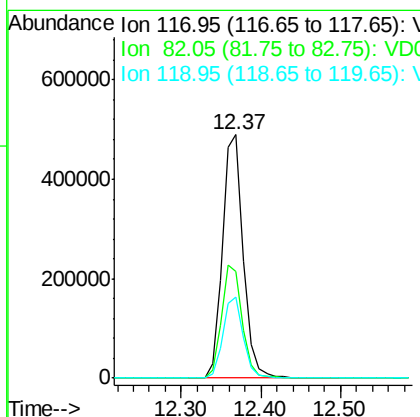
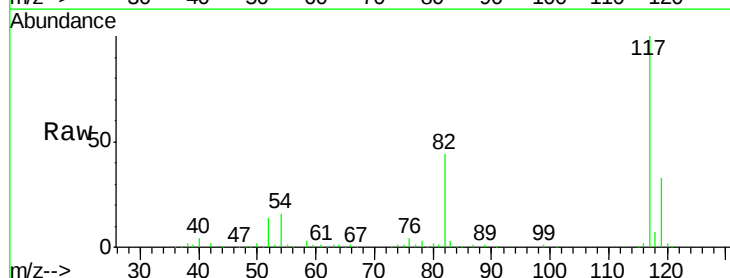
Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002

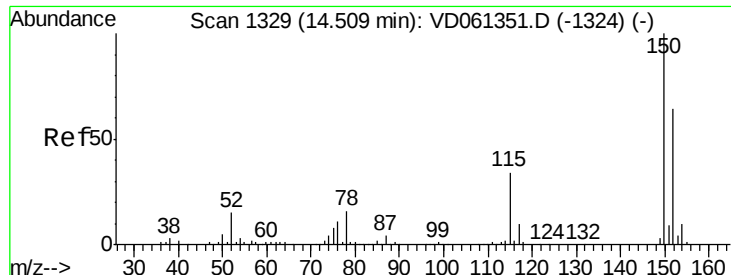
Tot Ion: 95 Resp: 353893
Ion Ratio Lower Upper
95 100
174 75.5 0.0 178.0
176 74.5 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 117 Resp: 898627
Ion Ratio Lower Upper
117 100
82 43.8 34.4 51.6
119 33.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061470.D

Acq: 1 Apr 2019 15:59

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-002

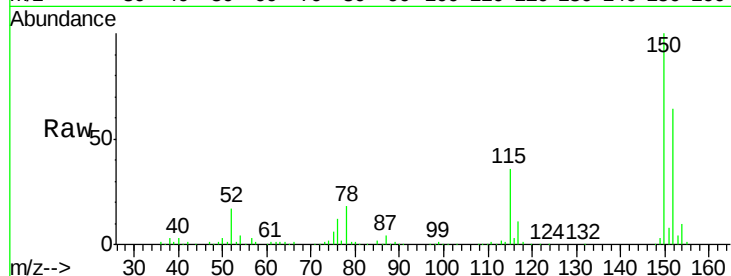
Tot Ion:152 Resp: 363708

Ion Ratio Lower Upper

152 100

115 56.0 26.9 80.6

150 155.8 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

