

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061387.D
 Acq On : 28 Mar 2019 9:11
 Operator : VA/AP
 Sample : K2107-11
 Misc : 4.98g/5ml/MSVOA_D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Mar 28 09:47:04 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

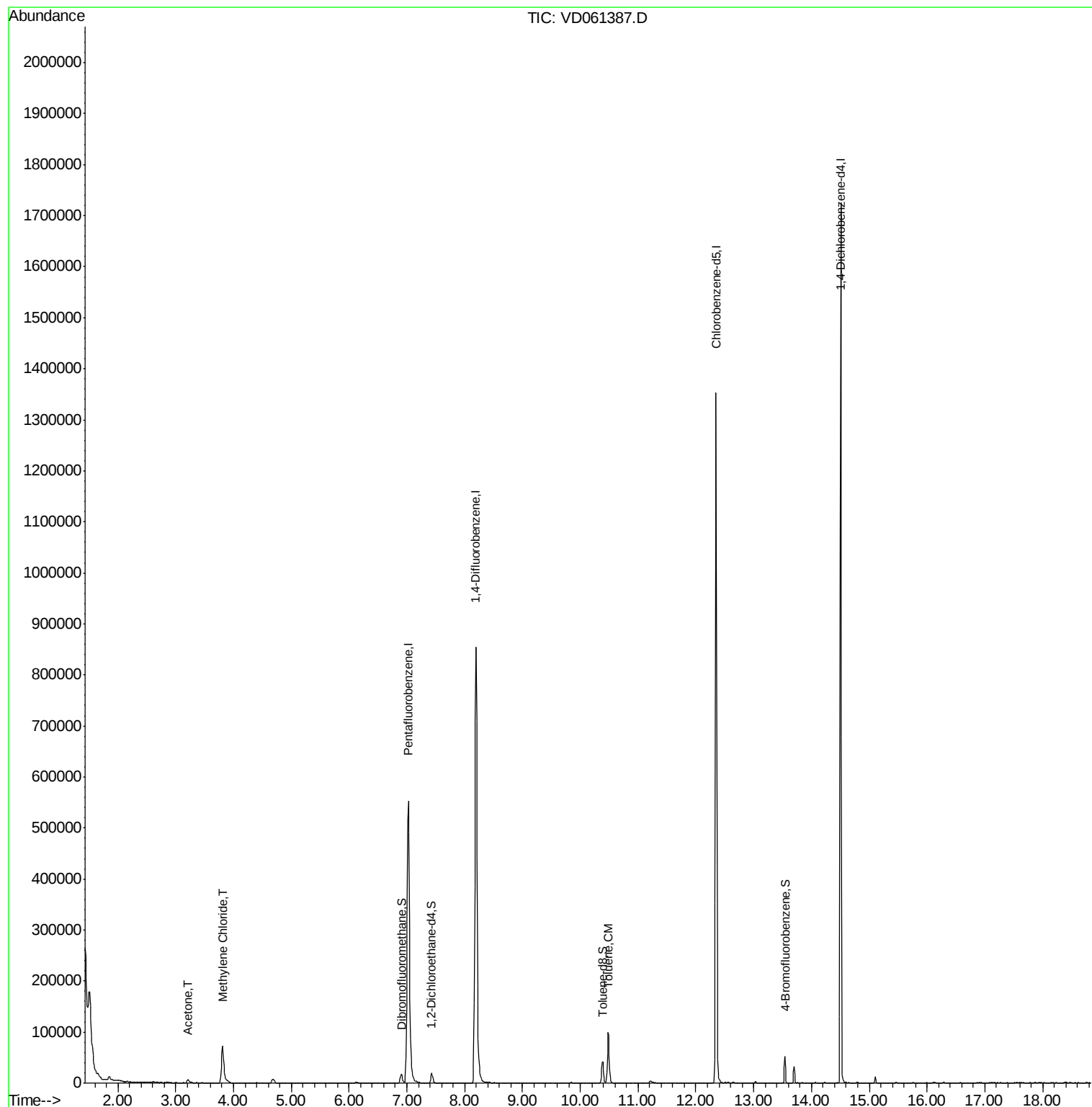
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	593543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1064729	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	864133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	394320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	12491	2.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	4.92%	
35) Dibromofluoromethane	6.91	113	17989	2.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	4.42%	
50) Toluene-d8	10.39	98	40946	2.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	4.20%	
62) 4-Bromofluorobenzene	13.54	95	17329	2.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	4.64%	
Target Compounds						
16) Acetone	3.21	43	13564	10.407	ug/l #	88
20) Methylene Chloride	3.80	84	59602	6.492	ug/l	98
52) Toluene	10.49	92	57868	4.067	ug/l	100

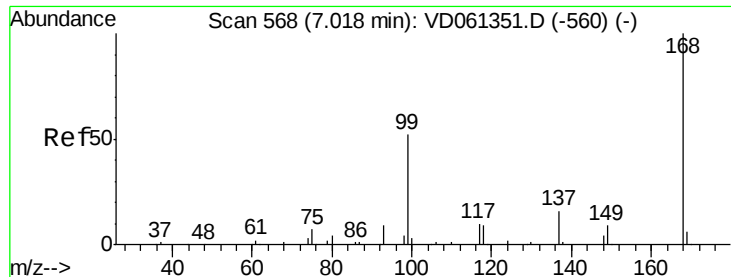
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061387.D

Acq: 28 Mar 2019 9:11

Instrument :

MSVOA_D

ClientSampleId :

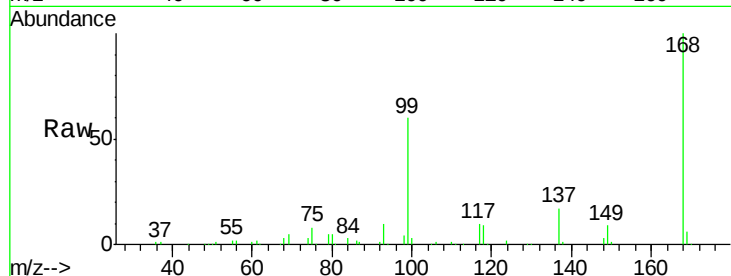
TP-6

Tgt Ion:168 Resp: 593543

Ion Ratio Lower Upper

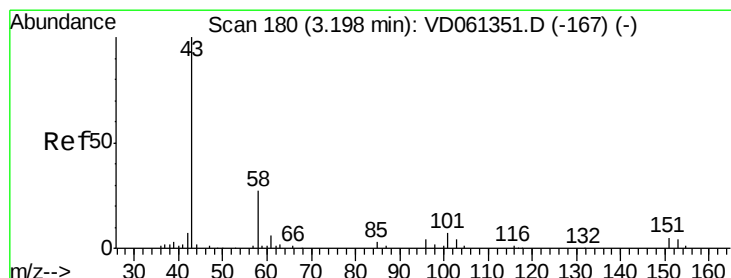
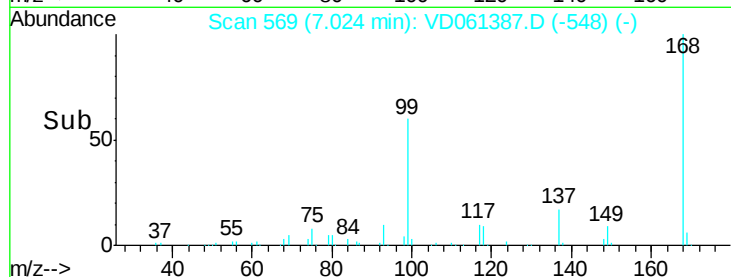
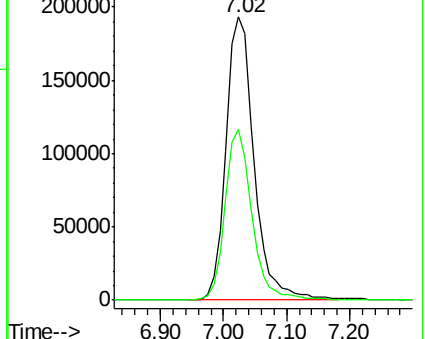
168 100

99 60.5 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: 10.407 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061387.D

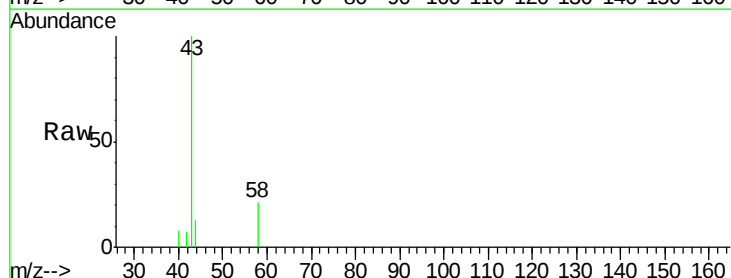
Acq: 28 Mar 2019 9:11

Tgt Ion: 43 Resp: 13564

Ion Ratio Lower Upper

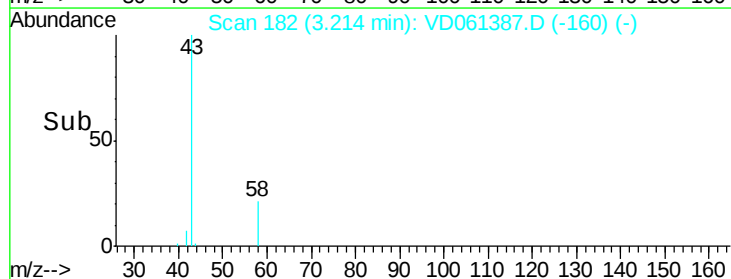
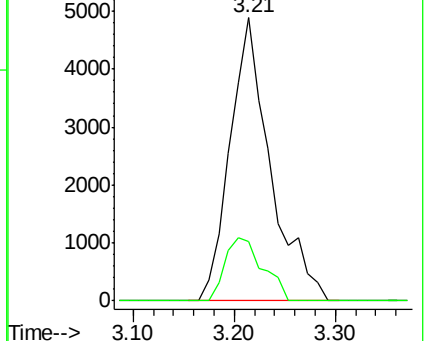
43 100

58 20.9 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: 6.492 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061387.D

Acq: 28 Mar 2019 9:11

Instrument :

MSVOA_D

ClientSampleId :

TP-6

Tgt Ion: 84 Resp: 59602

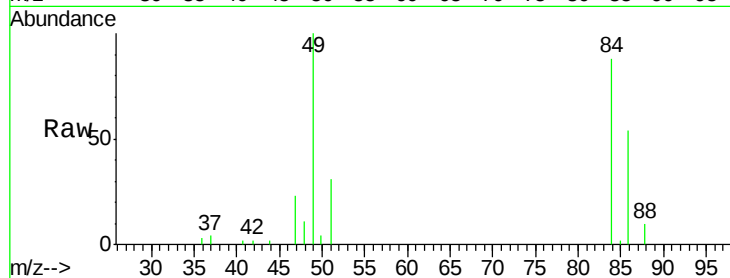
Ion Ratio Lower Upper

84 100

49 114.2 91.8 137.8

51 35.9 29.8 44.8

86 61.9 51.8 77.6

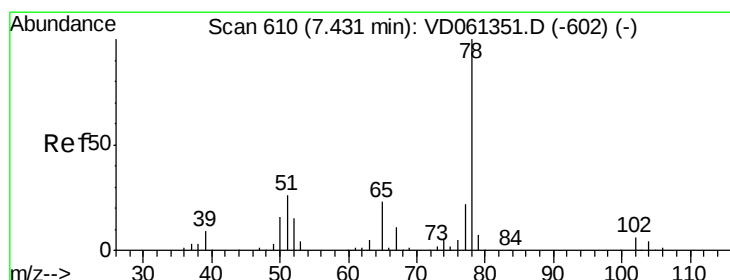
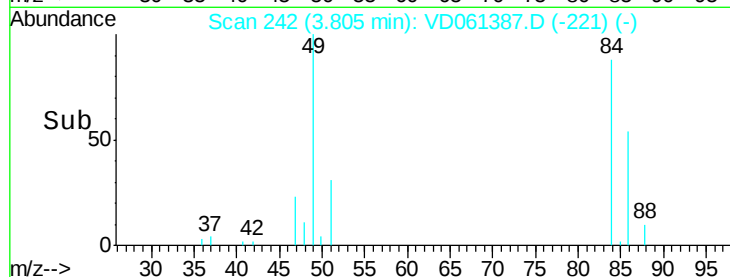
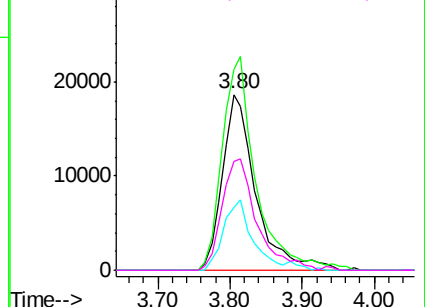


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.43 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD061387.D

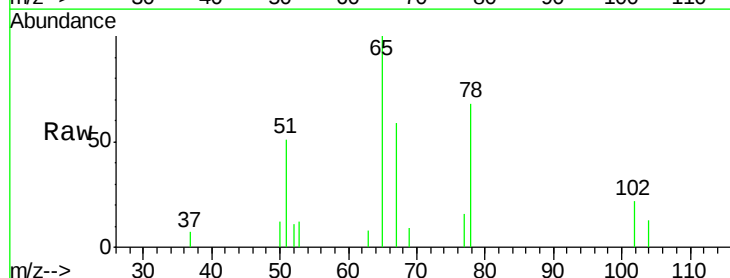
Acq: 28 Mar 2019 9:11

Tgt Ion: 65 Resp: 12491

Ion Ratio Lower Upper

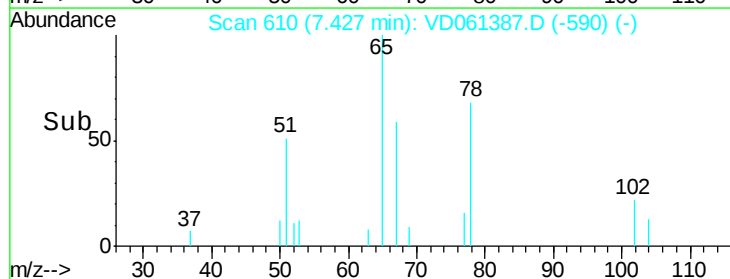
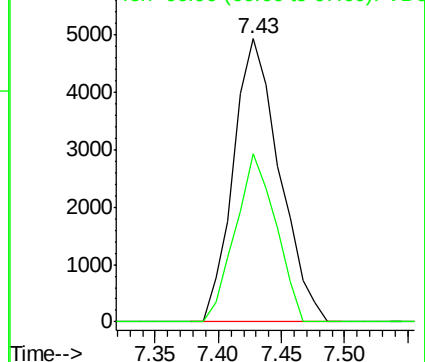
65 100

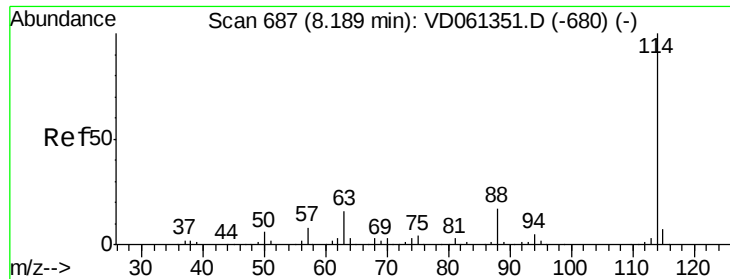
67 59.5 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

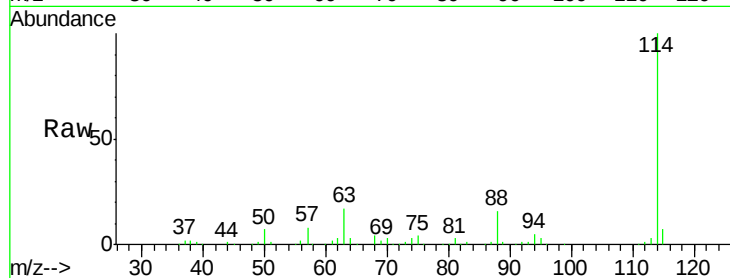




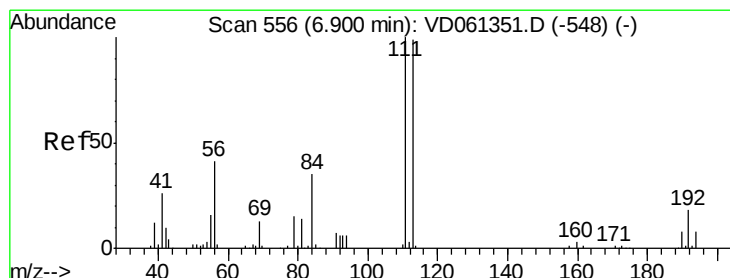
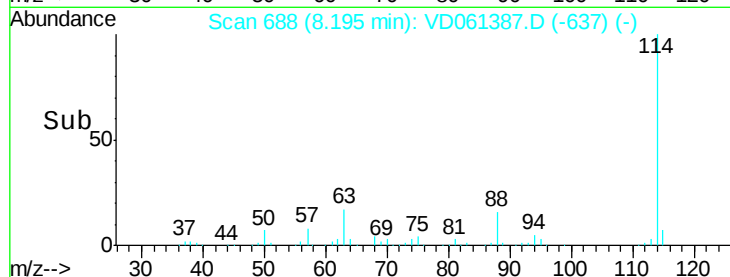
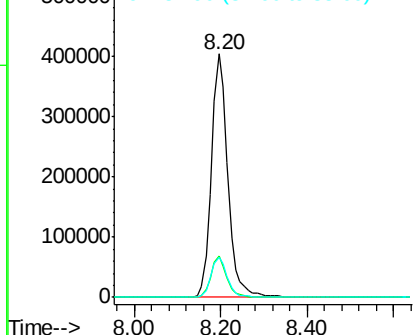
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061387.D
 Acq: 28 Mar 2019 9:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Tgt Ion:114 Resp: 1064729
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.6
 88 16.4 0.0 33.4

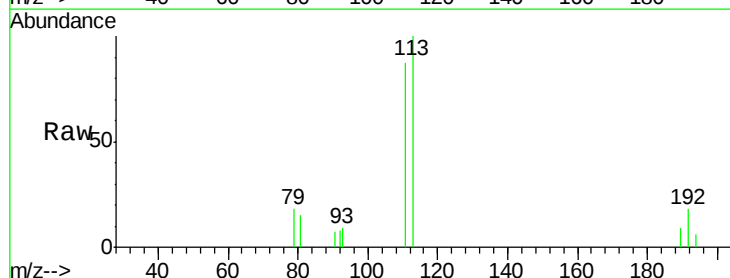


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

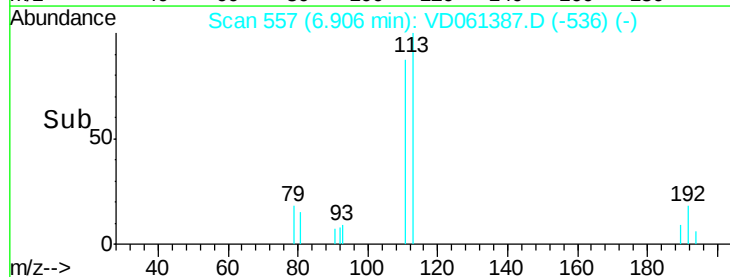
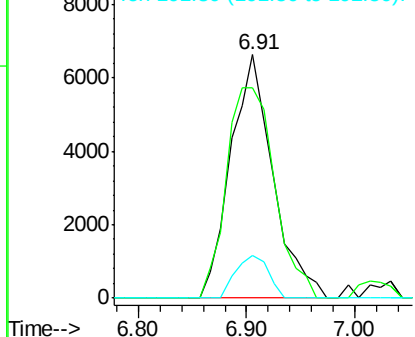


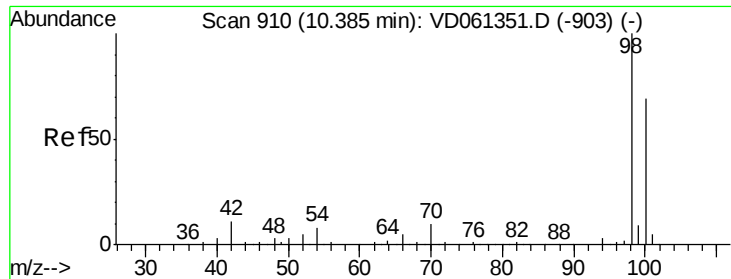
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061387.D
 Acq: 28 Mar 2019 9:11

Tgt Ion:113 Resp: 17989
 Ion Ratio Lower Upper
 113 100
 111 86.6 81.0 121.6
 192 17.8 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

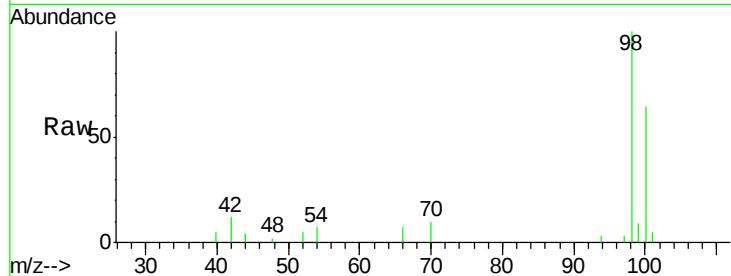




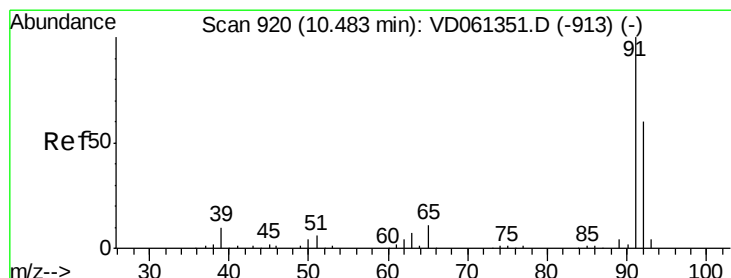
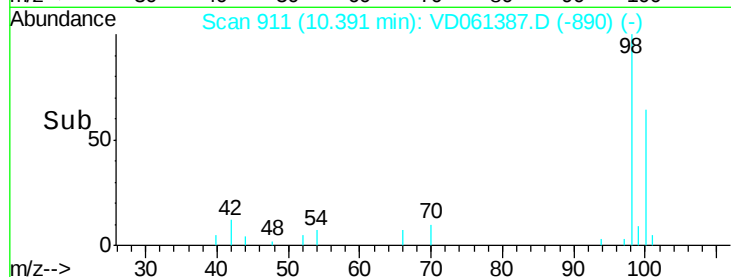
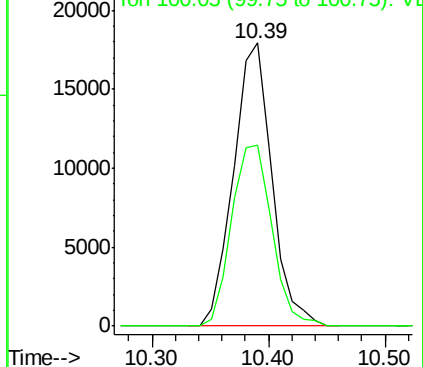
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061387.D
Acq: 28 Mar 2019 9:11

Instrument :
MSVOA_D
ClientSampled :
TP-6

Tgt Ion: 98 Resp: 40946
Ion Ratio Lower Upper
98 100
100 63.8 56.2 84.2

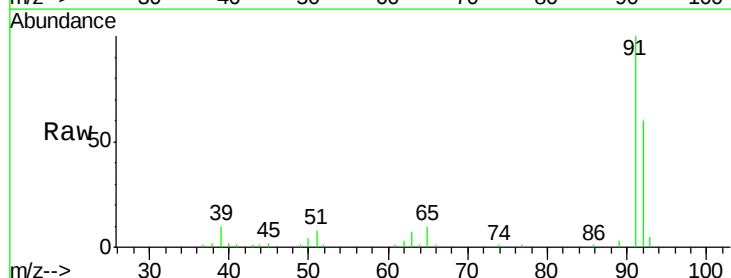


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

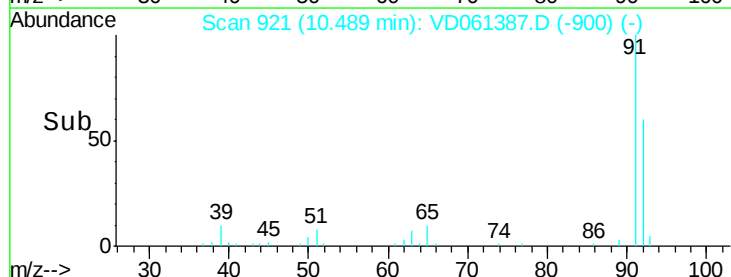
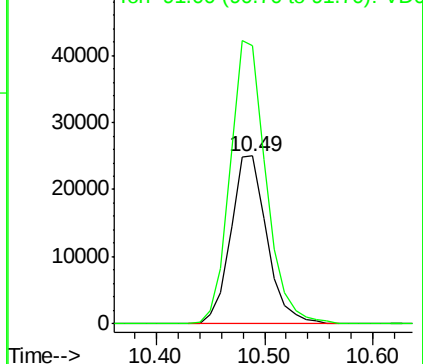


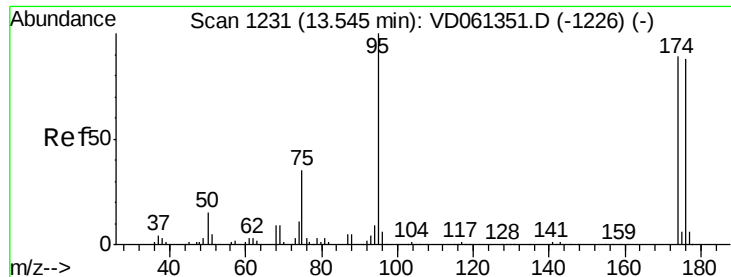
#52
Toluene
Concen: 4.067 ug/l
RT: 10.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: VD061387.D
Acq: 28 Mar 2019 9:11

Tgt Ion: 92 Resp: 57868
Ion Ratio Lower Upper
92 100
91 166.0 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VD061351.D (-913) (-)
Ion 91.00 (90.70 to 91.70): VD061351.D (-913) (-)

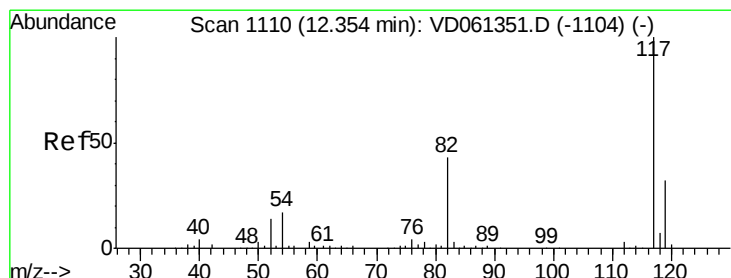
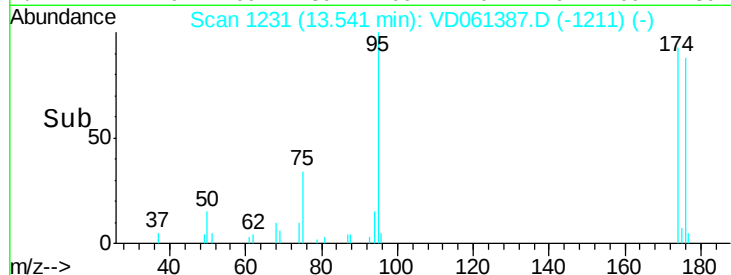
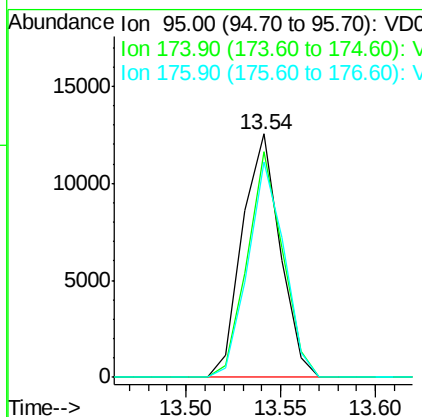
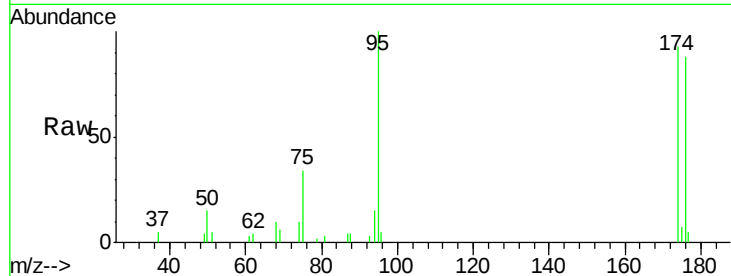




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061387.D
Acq: 28 Mar 2019 9:11

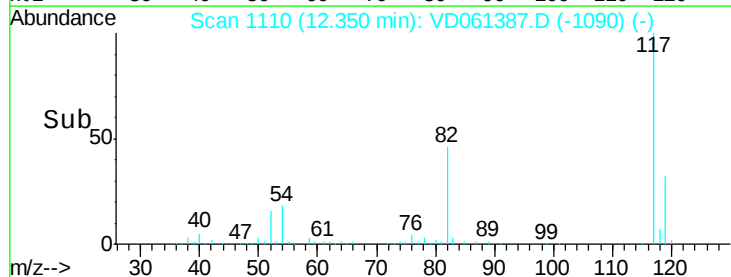
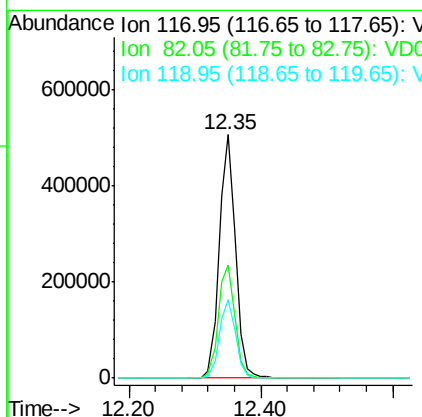
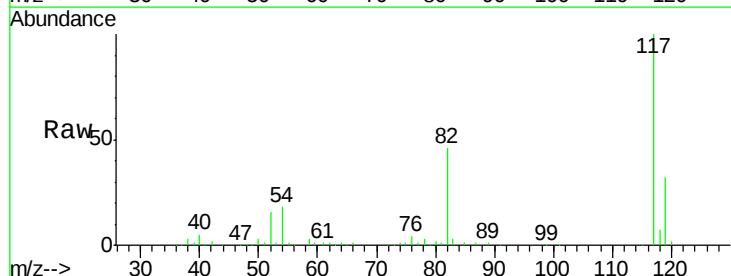
Instrument :
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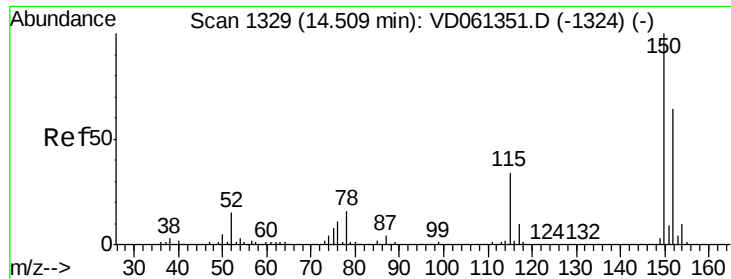
Tgt Ion: 95 Resp: 17329
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.0
176 88.3 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061387.D
Acq: 28 Mar 2019 9:11

Tgt Ion: 117 Resp: 864133
Ion Ratio Lower Upper
117 100
82 46.3 34.4 51.6
119 32.3 25.8 38.6

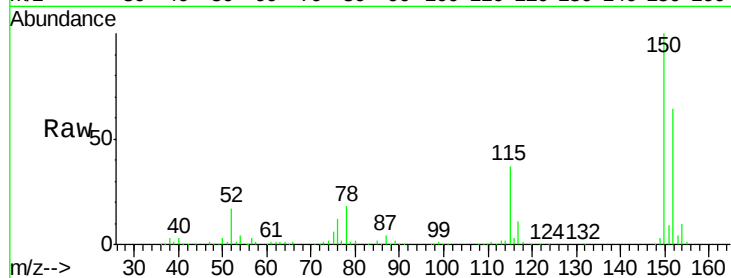




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061387.D
 Acq: 28 Mar 2019 9:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	26.9	80.6
150	156.9	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

