

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061547.D
 Acq On : 3 Apr 2019 9:10
 Operator : VA/AP
 Sample : K2214-07
 Misc : 5.38g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-D

Quant Time: Apr 04 01:08:01 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

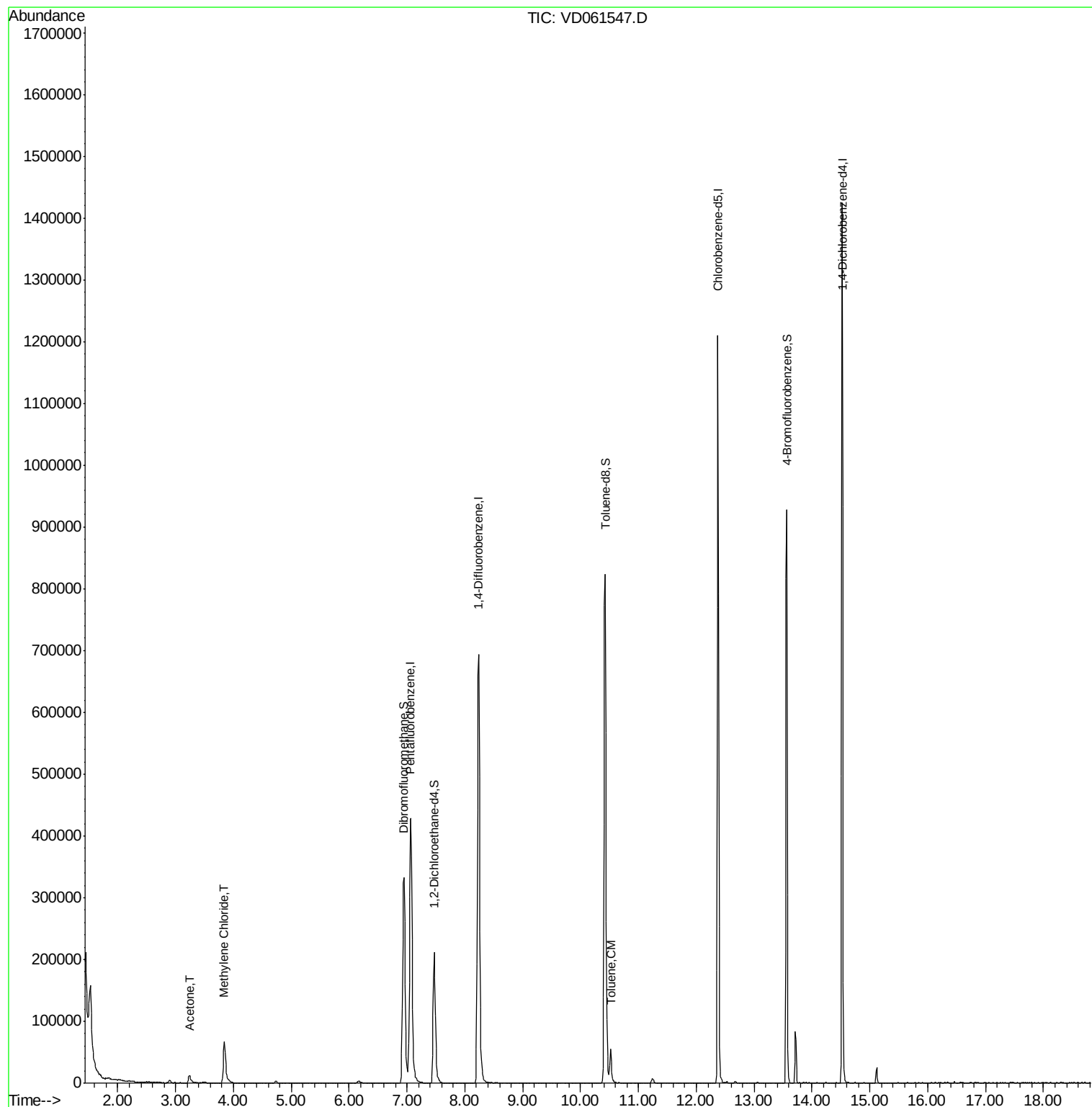
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	471514	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	861934	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	720099	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	323815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	214295	53.20	ug/l	0.04
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	6.95	113	325427	49.41	ug/l	0.05
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	10.42	98	729400	46.17	ug/l	0.04
Spiked Amount 50.000			Recovery	=	92.34%	
62) 4-Bromofluorobenzene	13.56	95	309321	51.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.12%	
Target Compounds						
16) Acetone	3.24	43	26768	25.852	ug/l	95
20) Methylene Chloride	3.85	84	56109	8.063	ug/l	97
52) Toluene	10.52	92	31126	2.702	ug/l	100

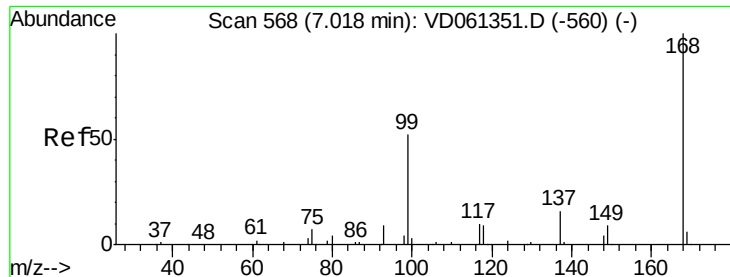
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD061547.D

Acq: 3 Apr 2019 9:10

Instrument :

MSVOA_D

ClientSampleId :

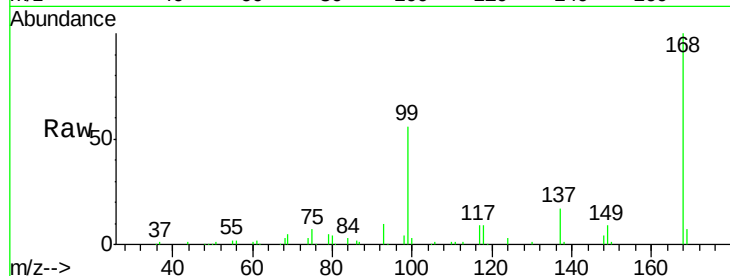
TP-2-D

Tot Ion:168 Resp: 471514

Ion Ratio Lower Upper

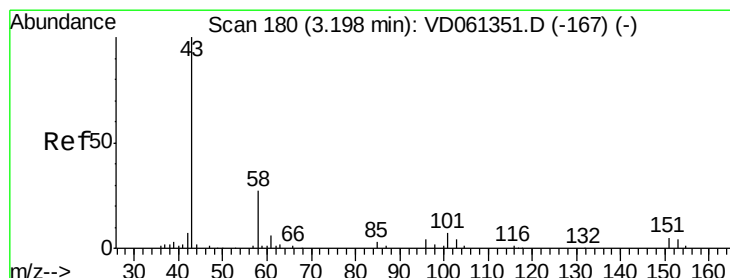
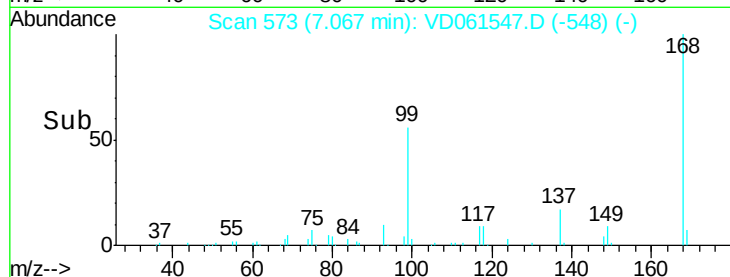
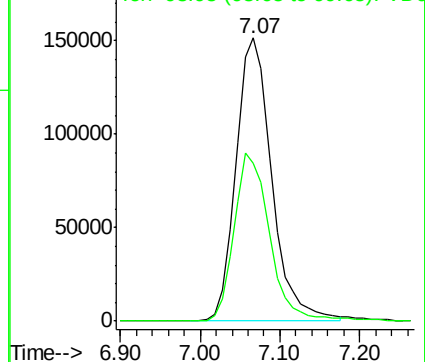
168 100

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



#16

Acetone

Concen: 25.852 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061547.D

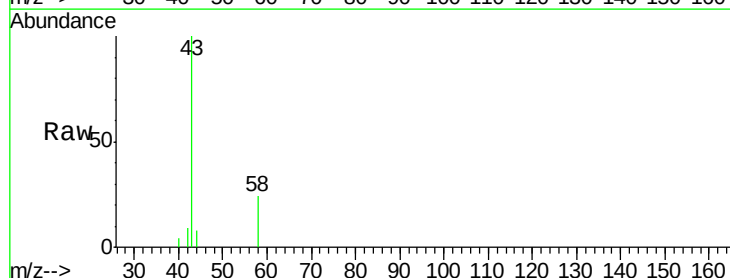
Acq: 3 Apr 2019 9:10

Tgt Ion: 43 Resp: 26768

Ion Ratio Lower Upper

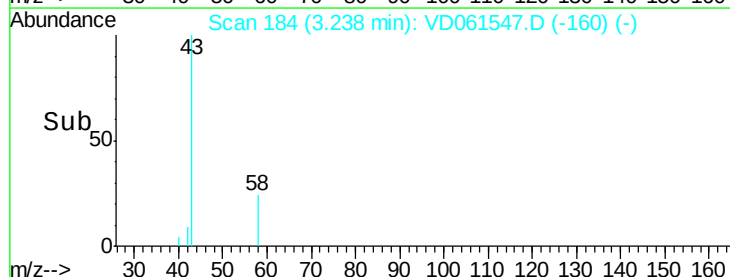
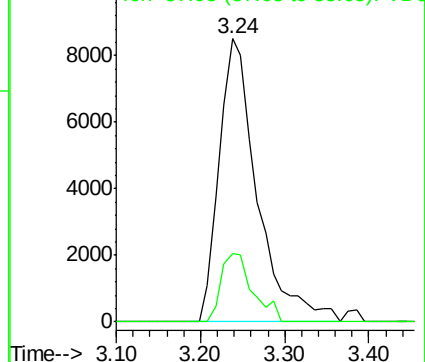
43 100

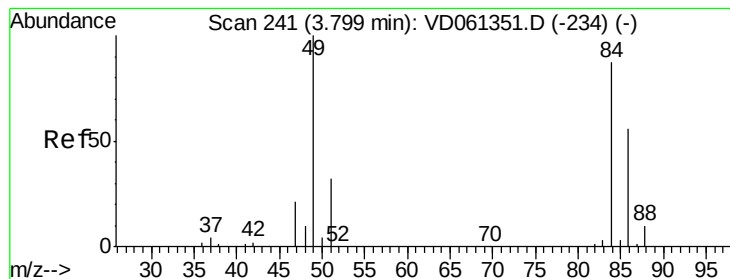
58 24.2 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 8.063 ug/l

RT: 3.85 min Scan# 246

Delta R.T. 0.05 min

Lab File: VD061547.D

Acq: 3 Apr 2019 9:10

Instrument :

MSVOA_D

ClientSampleId :

TP-2-D

Tot Ion: 84 Resp: 56109

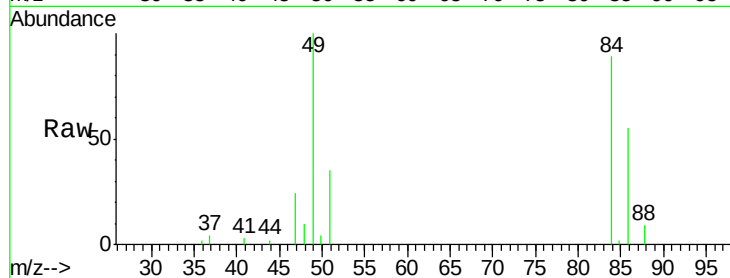
Ion Ratio Lower Upper

84 100

49 111.8 91.8 137.8

51 38.8 29.8 44.8

86 61.3 51.8 77.6

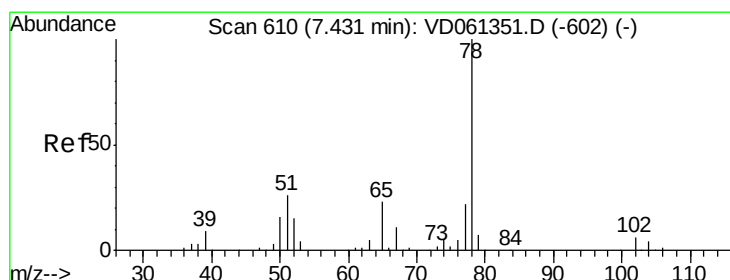
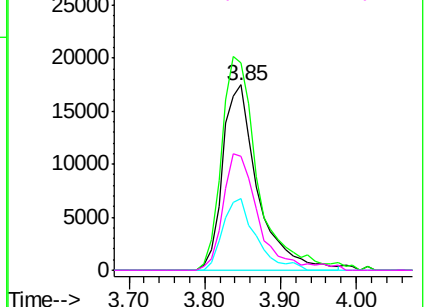
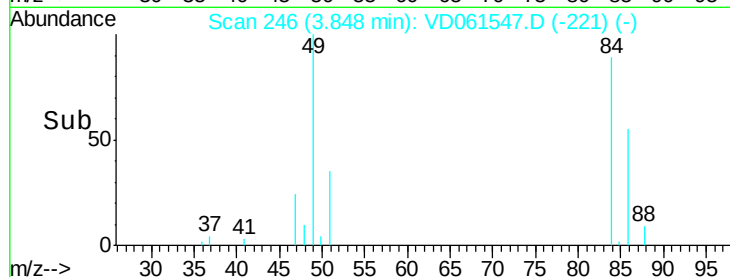


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD061547.D

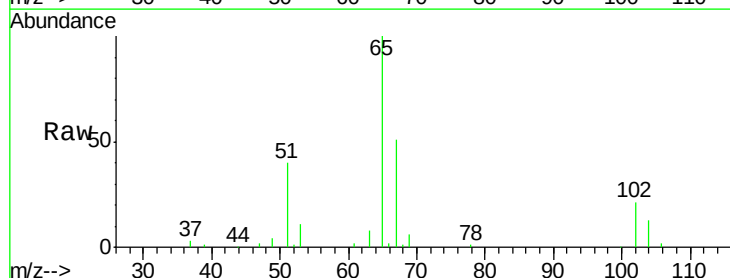
Acq: 3 Apr 2019 9:10

Tgt Ion: 65 Resp: 214295

Ion Ratio Lower Upper

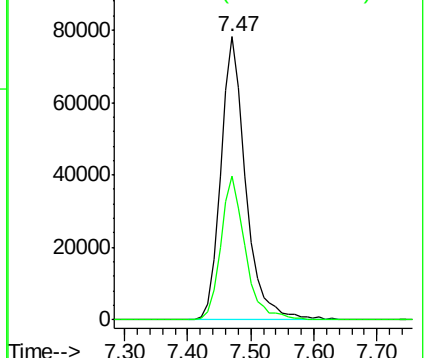
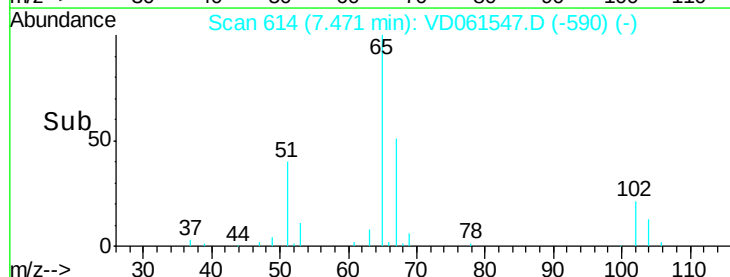
65 100

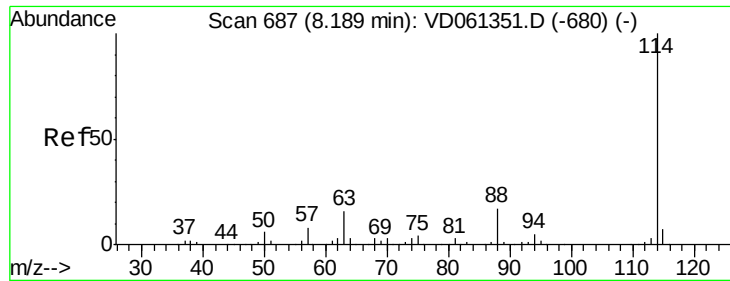
67 51.0 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

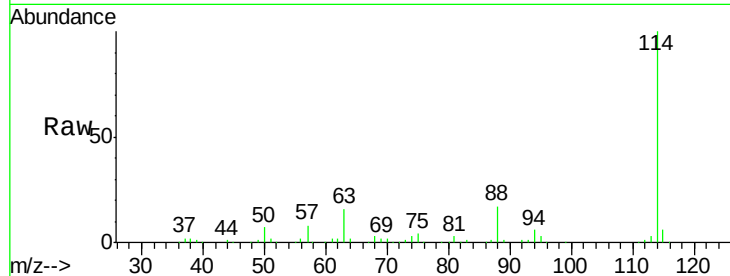




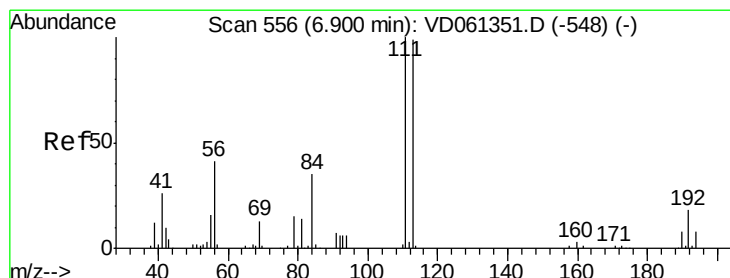
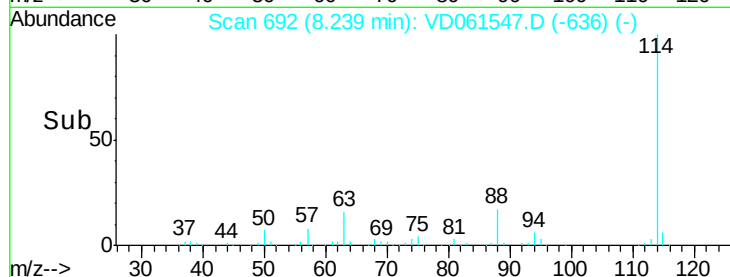
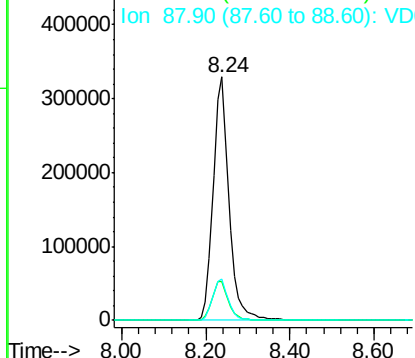
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD061547.D
 Acq: 3 Apr 2019 9:10

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-D

Tot Ion:114 Resp: 861934
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 17.0 0.0 33.4

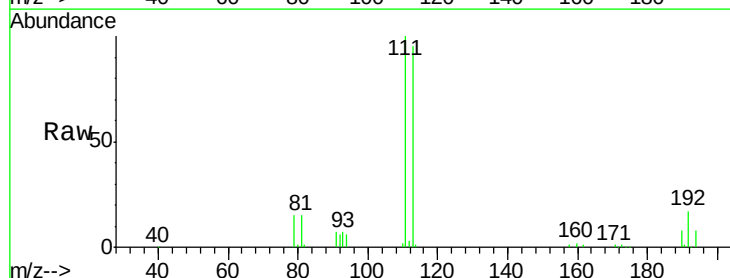


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

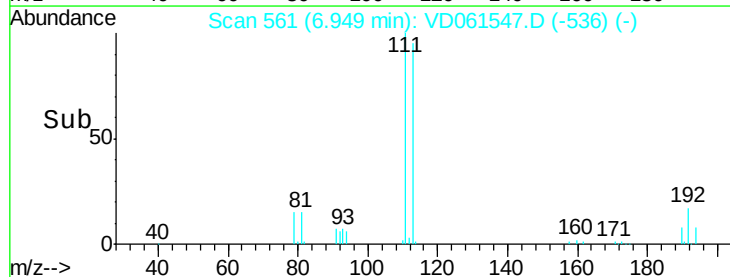
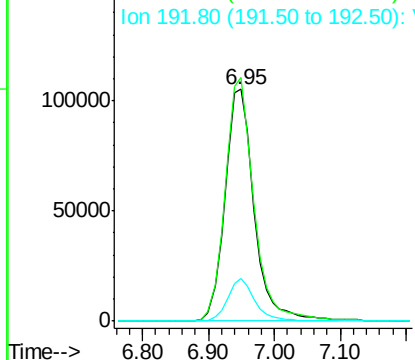


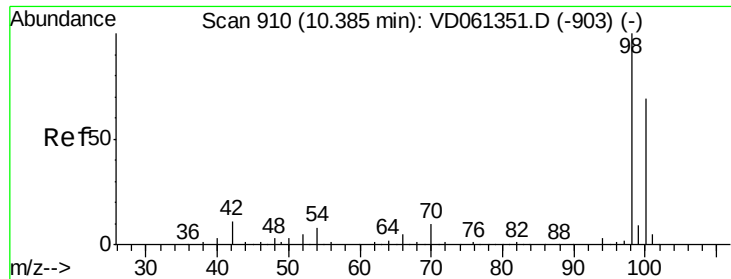
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD061547.D
 Acq: 3 Apr 2019 9:10

Tgt Ion:113 Resp: 325427
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.0 121.6
 192 18.3 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

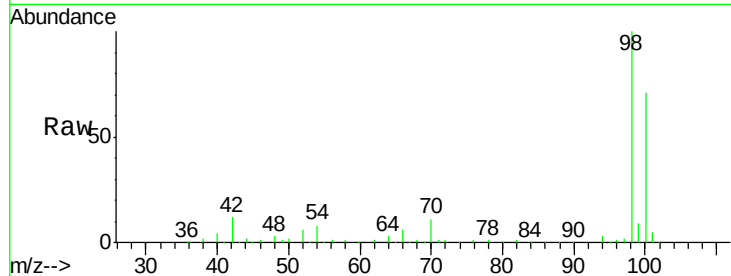




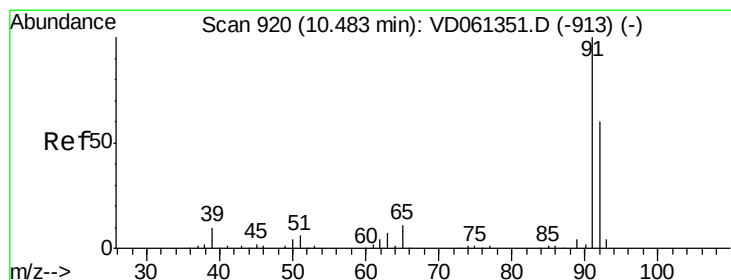
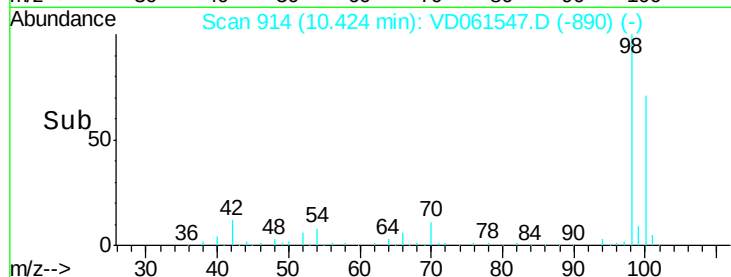
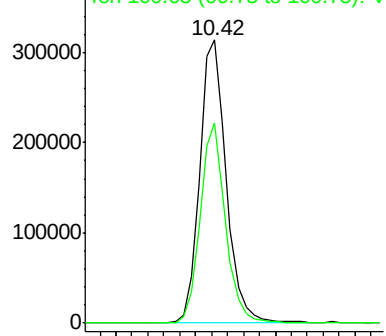
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.04 min
Lab File: VD061547.D
Acq: 3 Apr 2019 9:10

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D

Tot Ion: 98 Resp: 729400
Ion Ratio Lower Upper
98 100
100 70.7 56.2 84.2

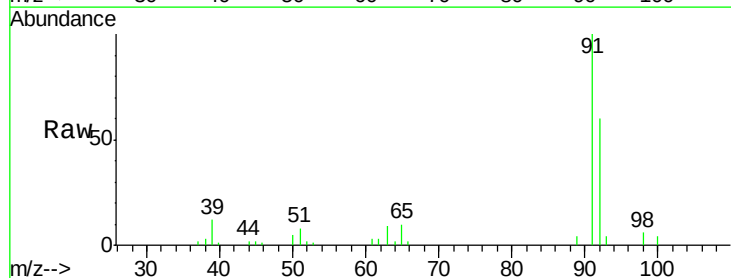


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

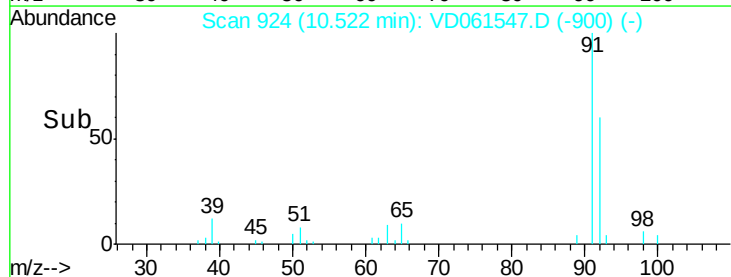
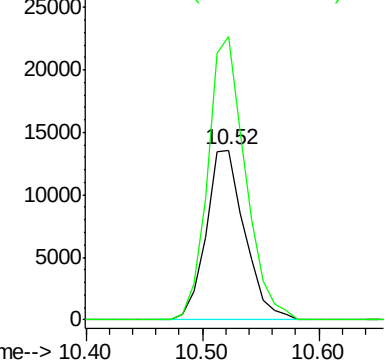


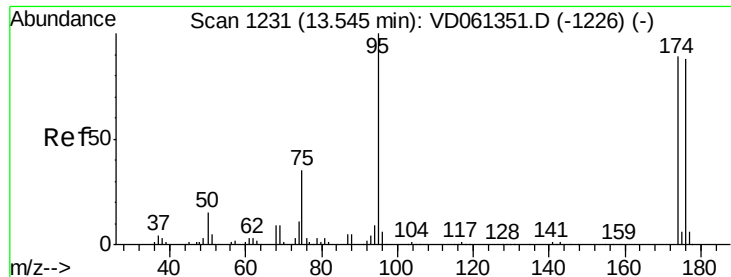
#52
Toluene
Concen: 2.702 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.04 min
Lab File: VD061547.D
Acq: 3 Apr 2019 9:10

Tgt Ion: 92 Resp: 31126
Ion Ratio Lower Upper
92 100
91 166.6 133.3 199.9



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

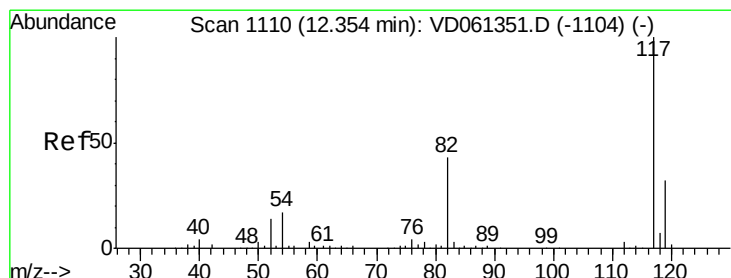
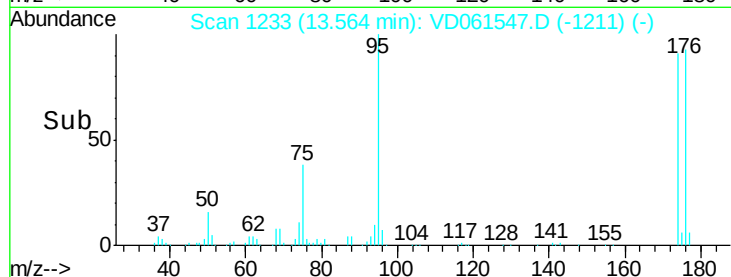
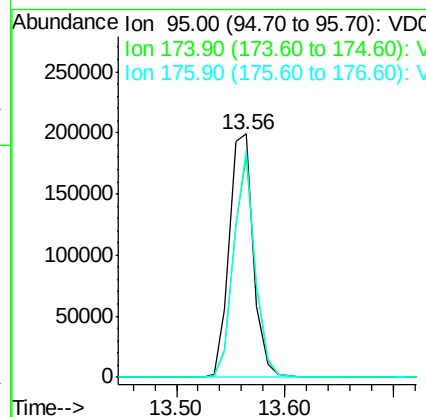
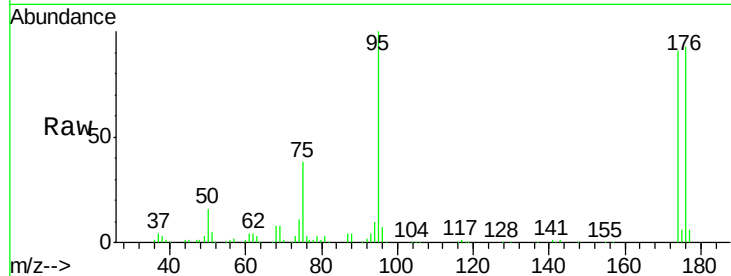




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061547.D
Acq: 3 Apr 2019 9:10

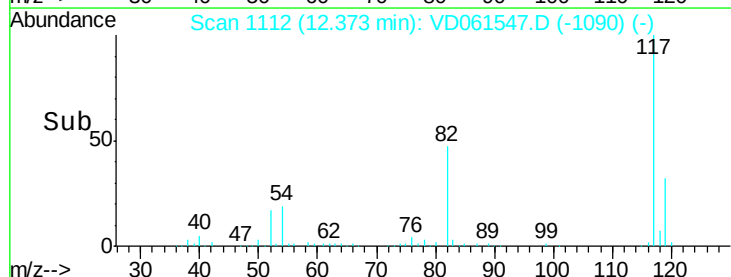
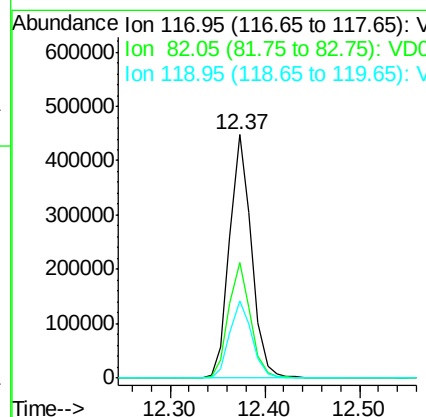
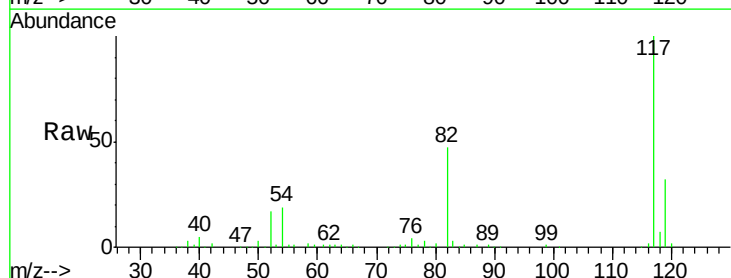
Instrument :
MSVOA_D
ClientSampled :
TP-2-D

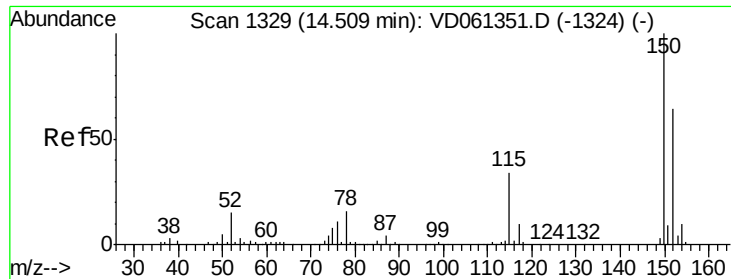
Tot Ion: 95 Resp: 309321
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.0
176 93.1 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061547.D
Acq: 3 Apr 2019 9:10

Tgt Ion: 117 Resp: 720099
Ion Ratio Lower Upper
117 100
82 47.3 34.4 51.6
119 31.8 25.8 38.6

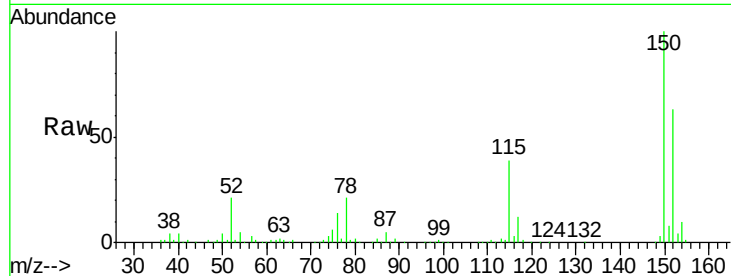




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061547.D
 Acq: 3 Apr 2019 9:10

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.9	26.9	80.6
150	157.8	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

