

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061746.D
 Acq On : 11 Apr 2019 17:38
 Operator : VA/AP
 Sample : K2343-06
 Misc : 6.00g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-D2

Quant Time: Apr 12 02:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

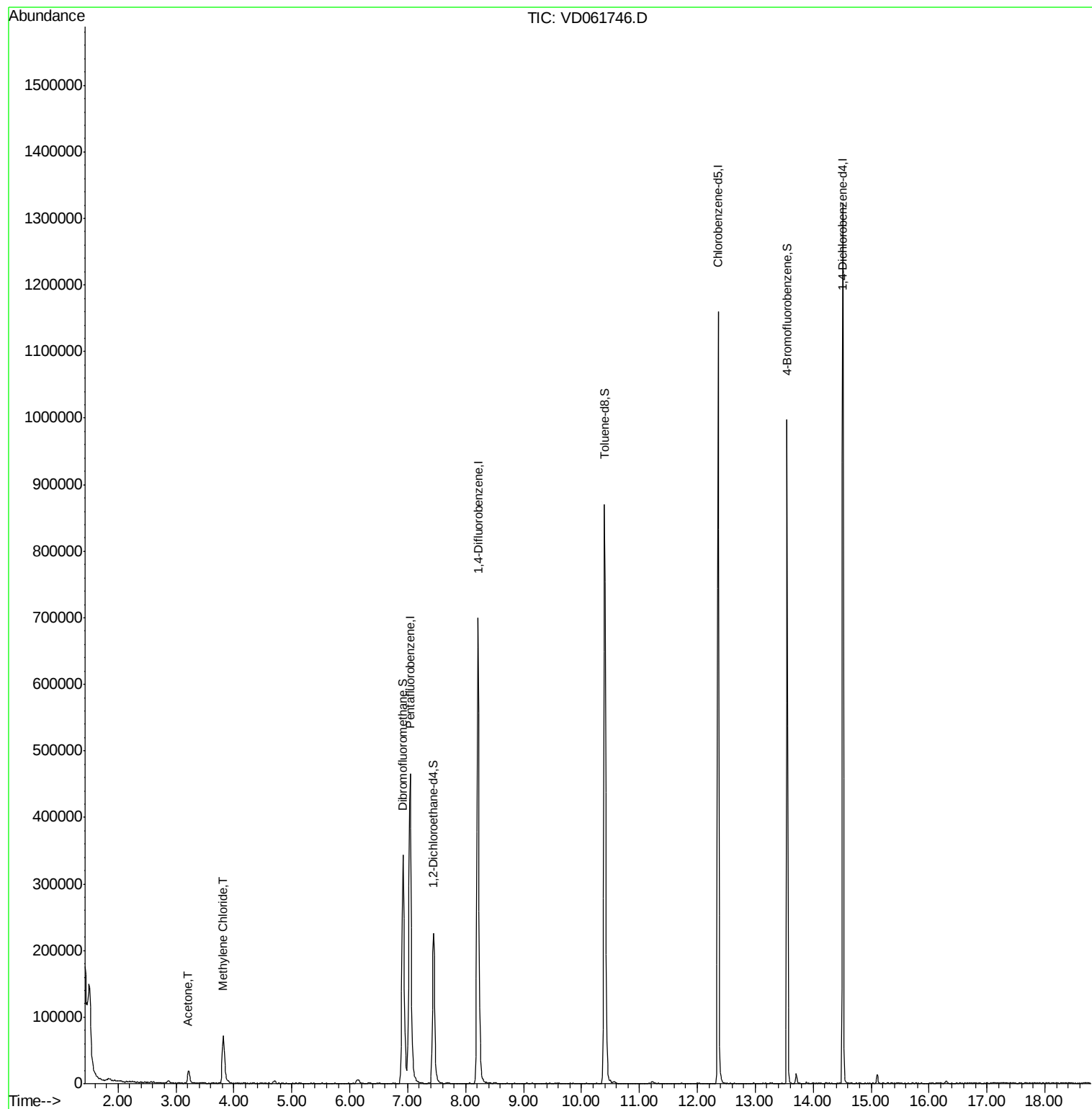
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	482944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	864816	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	720397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	312851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	229425	62.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.34%	
35) Dibromofluoromethane	6.92	113	335803	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
50) Toluene-d8	10.40	98	782431	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	13.55	95	301827	59.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.64%	
Target Compounds						
16) Acetone	3.21	43	38022	34.745	ug/l	94
20) Methylene Chloride	3.81	84	58781	9.466	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061746.D

Acq: 11 Apr 2019 17:38

Instrument :

MSVOA_D

ClientSampleId :

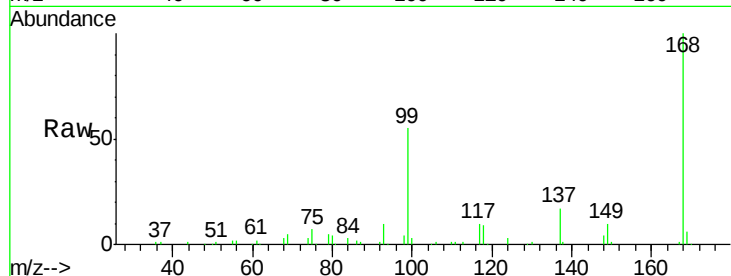
TP-7-D2

Tot Ion:168 Resp: 482944

Ion Ratio Lower Upper

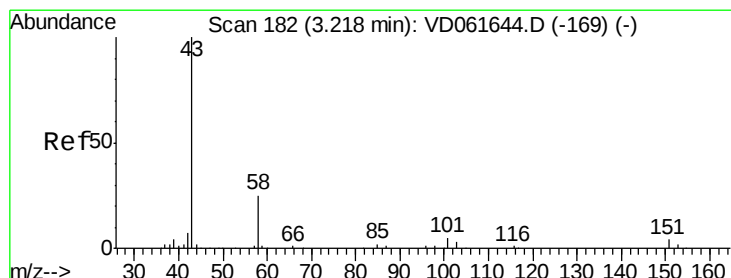
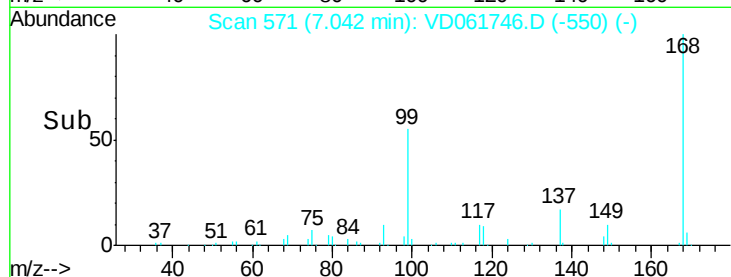
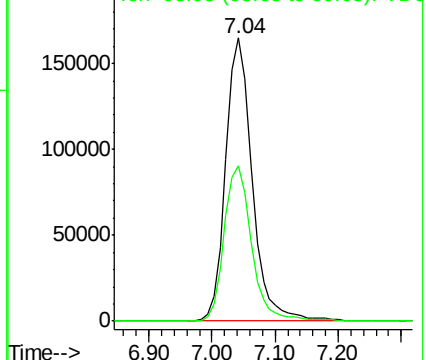
168 100

99 55.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 34.745 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061746.D

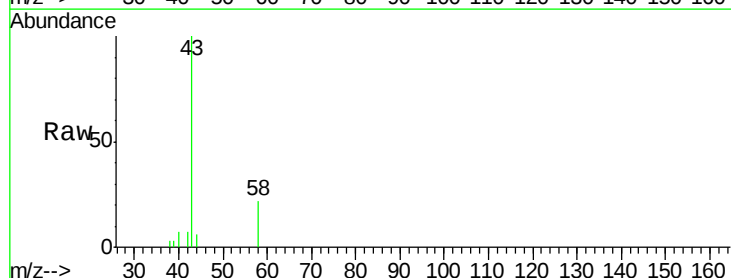
Acq: 11 Apr 2019 17:38

Tgt Ion: 43 Resp: 38022

Ion Ratio Lower Upper

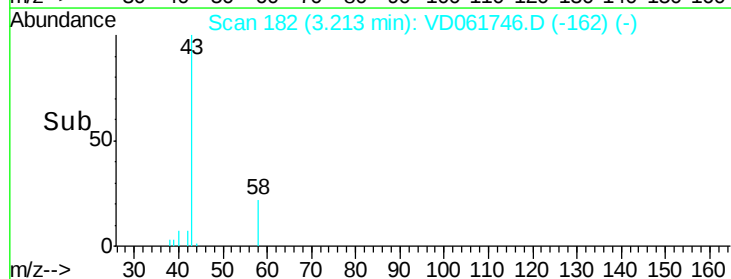
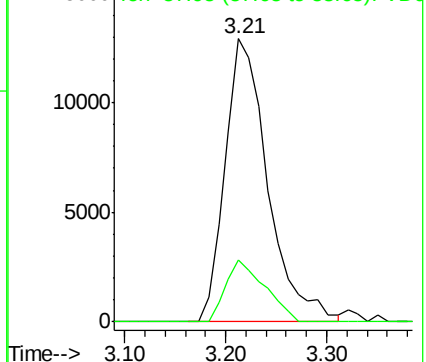
43 100

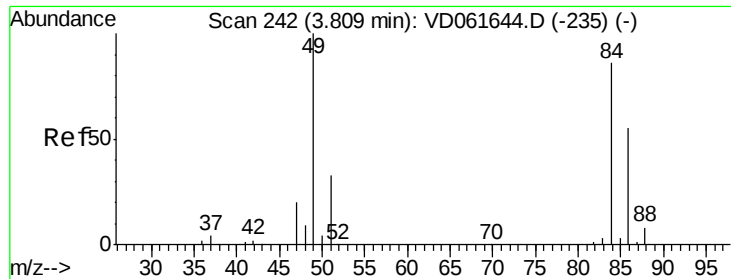
58 21.8 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

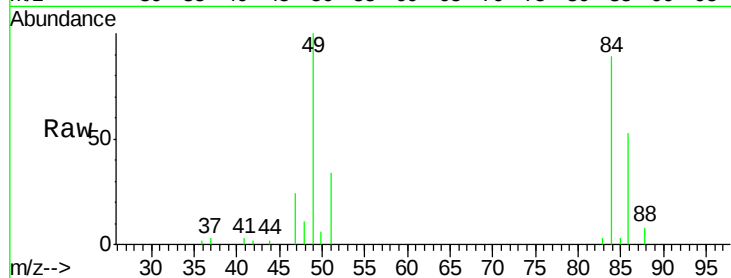




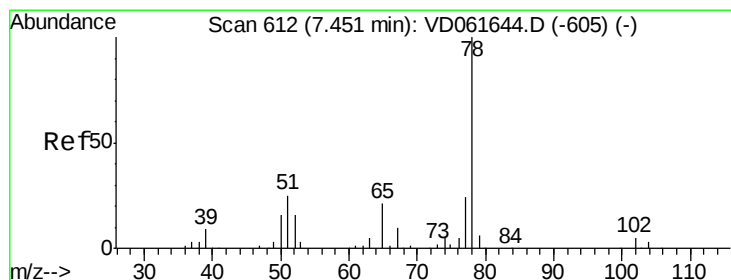
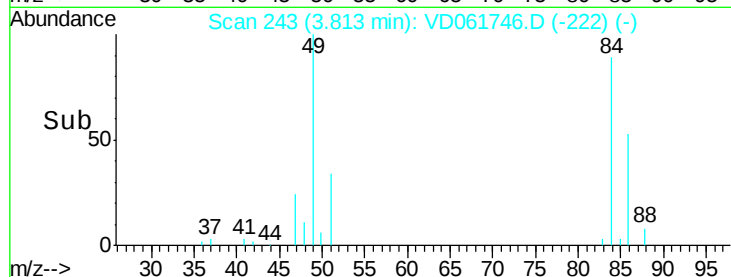
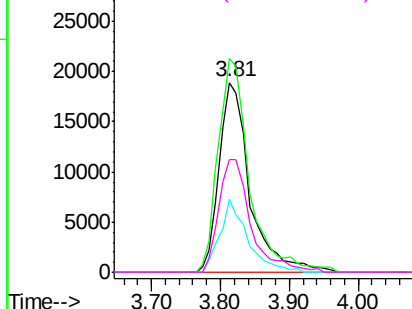
#20
Methylene Chloride
Concen: 9.466 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Instrument :
MSVOA_D
ClientSampleId :
TP-7-D2

Tot Ion:	84	Resp:	58781
Ion	Ratio	Lower	Upper
84	100		
49	112.7	93.0	139.4
51	38.7	30.4	45.6
86	59.6	51.0	76.4

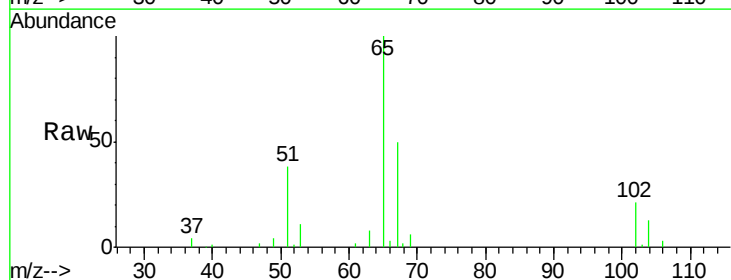


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

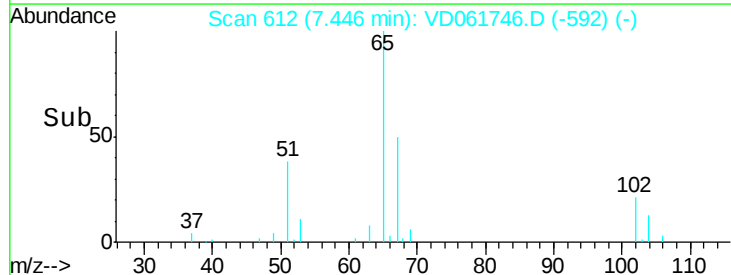
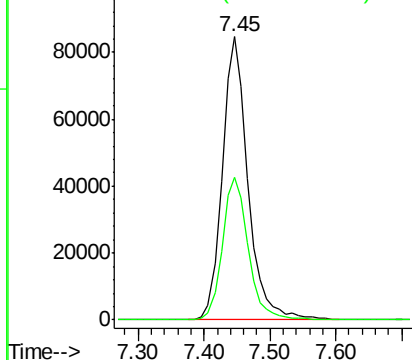


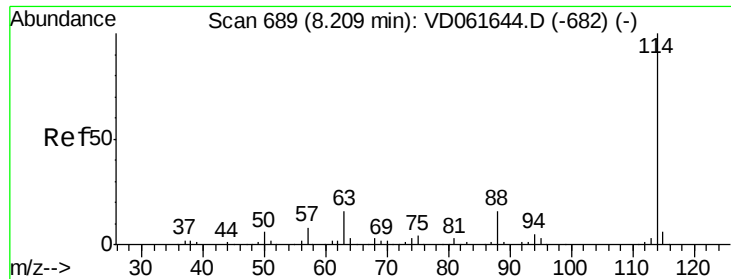
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Tgt Ion:	65	Resp:	229425
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

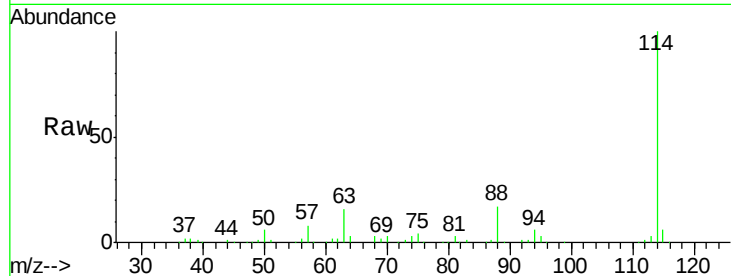




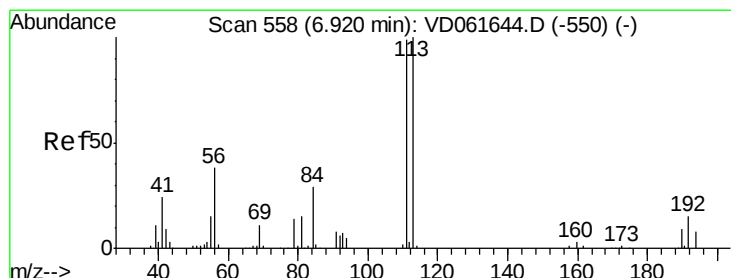
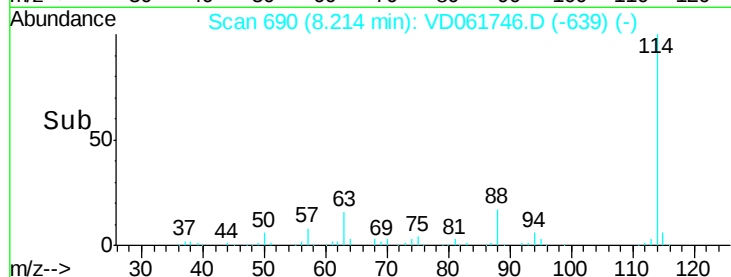
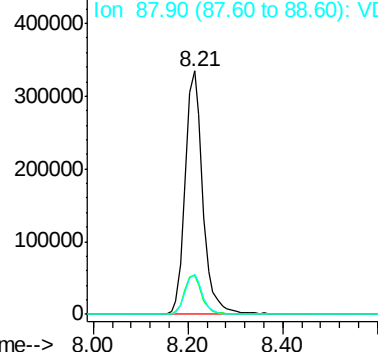
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061746.D
 Acq: 11 Apr 2019 17:38

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-D2

Tot Ion:114 Resp: 864816
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.2
 88 16.5 0.0 31.8

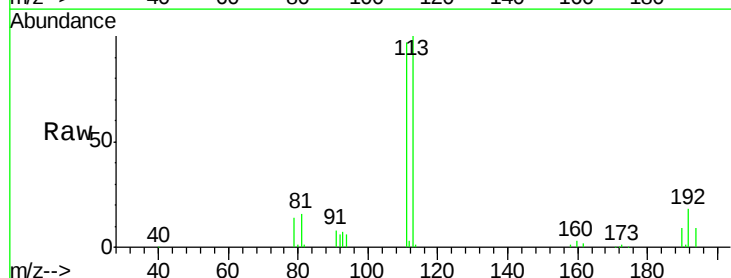


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

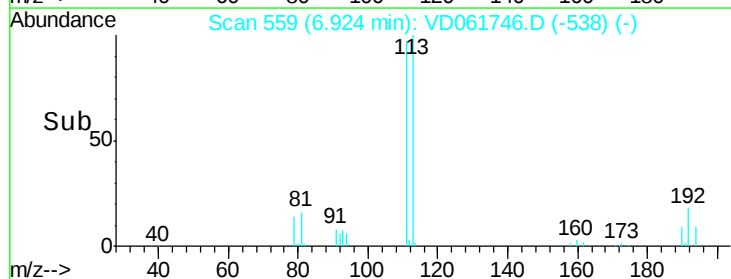
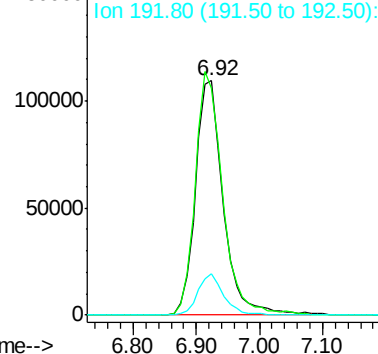


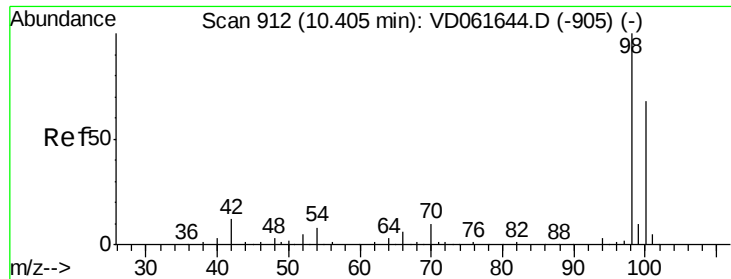
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061746.D
 Acq: 11 Apr 2019 17:38

Tgt Ion:113 Resp: 335803
 Ion Ratio Lower Upper
 113 100
 111 96.7 79.3 118.9
 192 17.7 12.3 18.5



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: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD061746.D

Acq: 11 Apr 2019 17:38

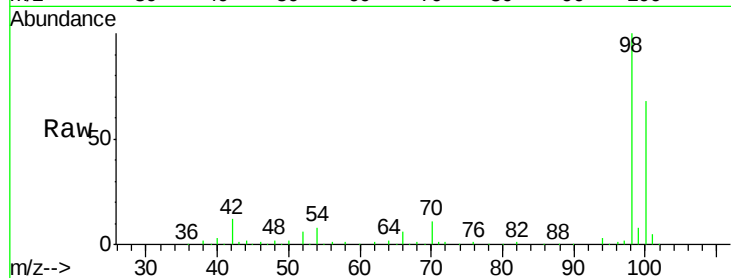
Instrument :
MSVOA_D
ClientSampleId :
TP-7-D2

Tot Ion: 98 Resp: 782431

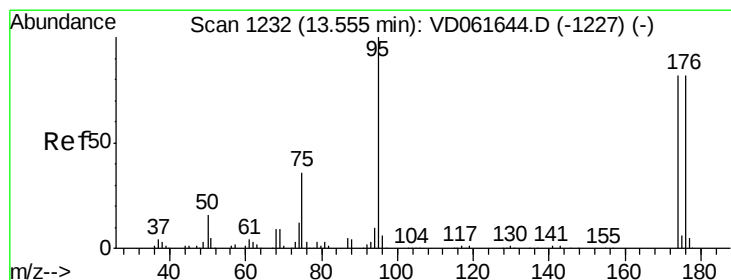
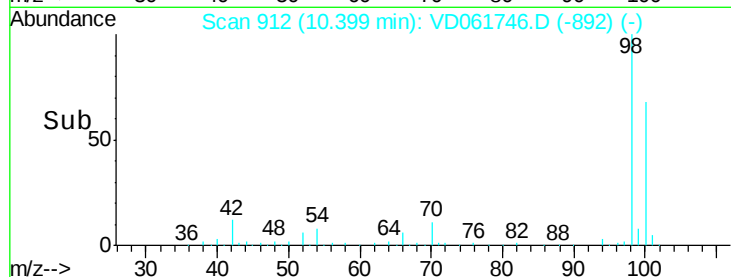
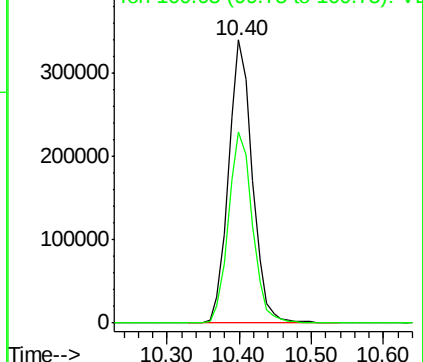
Ion Ratio Lower Upper

98 100

100 67.7 55.4 83.0



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061746.D

Acq: 11 Apr 2019 17:38

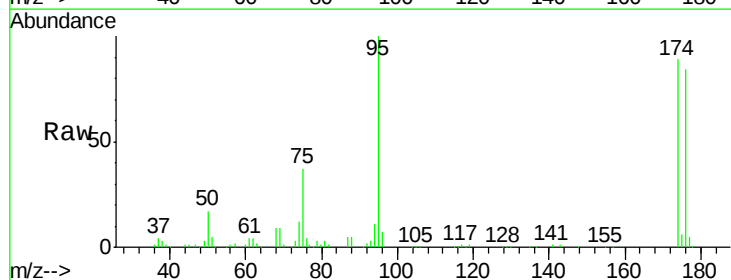
Tgt Ion: 95 Resp: 301827

Ion Ratio Lower Upper

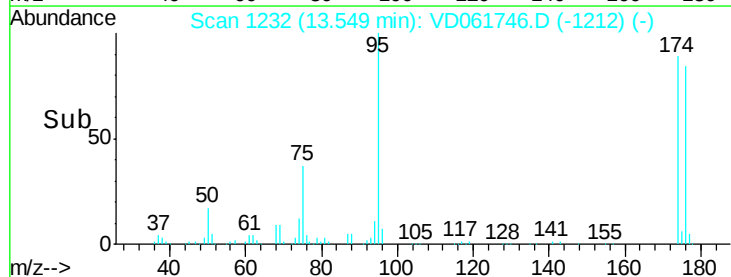
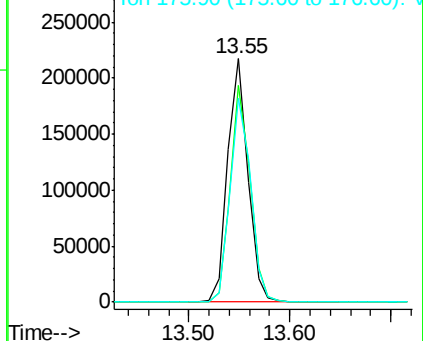
95 100

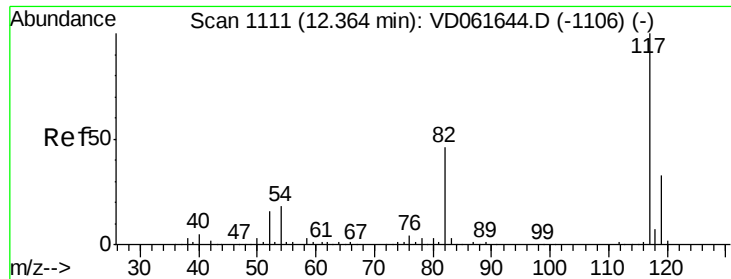
174 89.0 0.0 164.6

176 83.8 0.0 165.0



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

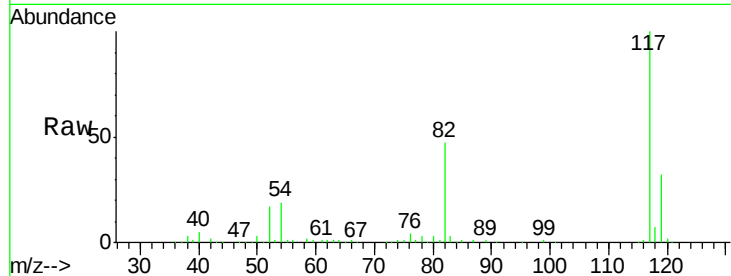




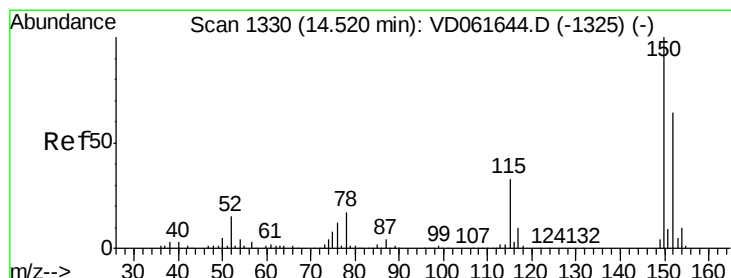
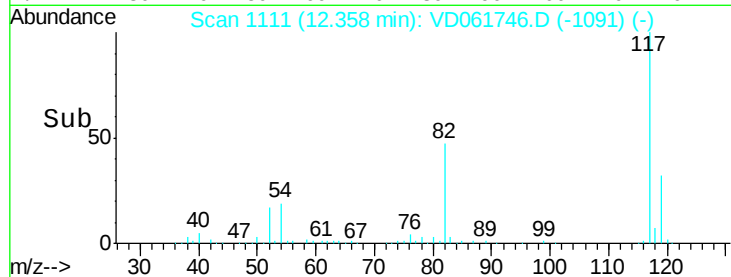
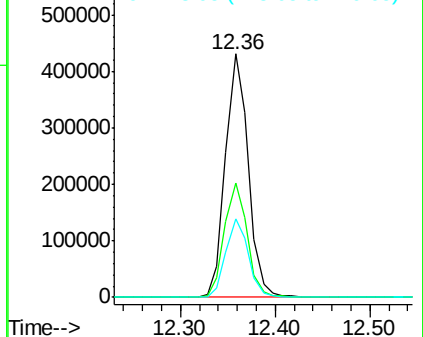
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Instrument :
MSVOA_D
ClientSampleID :
TP-7-D2

Tot Ion:117 Resp: 720397
Ion Ratio Lower Upper
117 100
82 46.8 36.8 55.2
119 32.4 26.1 39.1

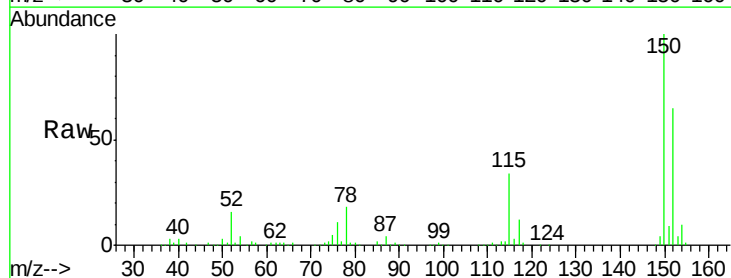


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Tgt Ion:152 Resp: 312851
Ion Ratio Lower Upper
152 100
115 52.3 26.4 79.2
150 154.8 0.0 320.6



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

