

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121018\
 Data File : VD060521.D
 Acq On : 10 Dec 2018 13:29
 Operator : VA/AP
 Sample : J6196-05
 Misc : 6.08g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-120718-C

Quant Time: Dec 11 07:11:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

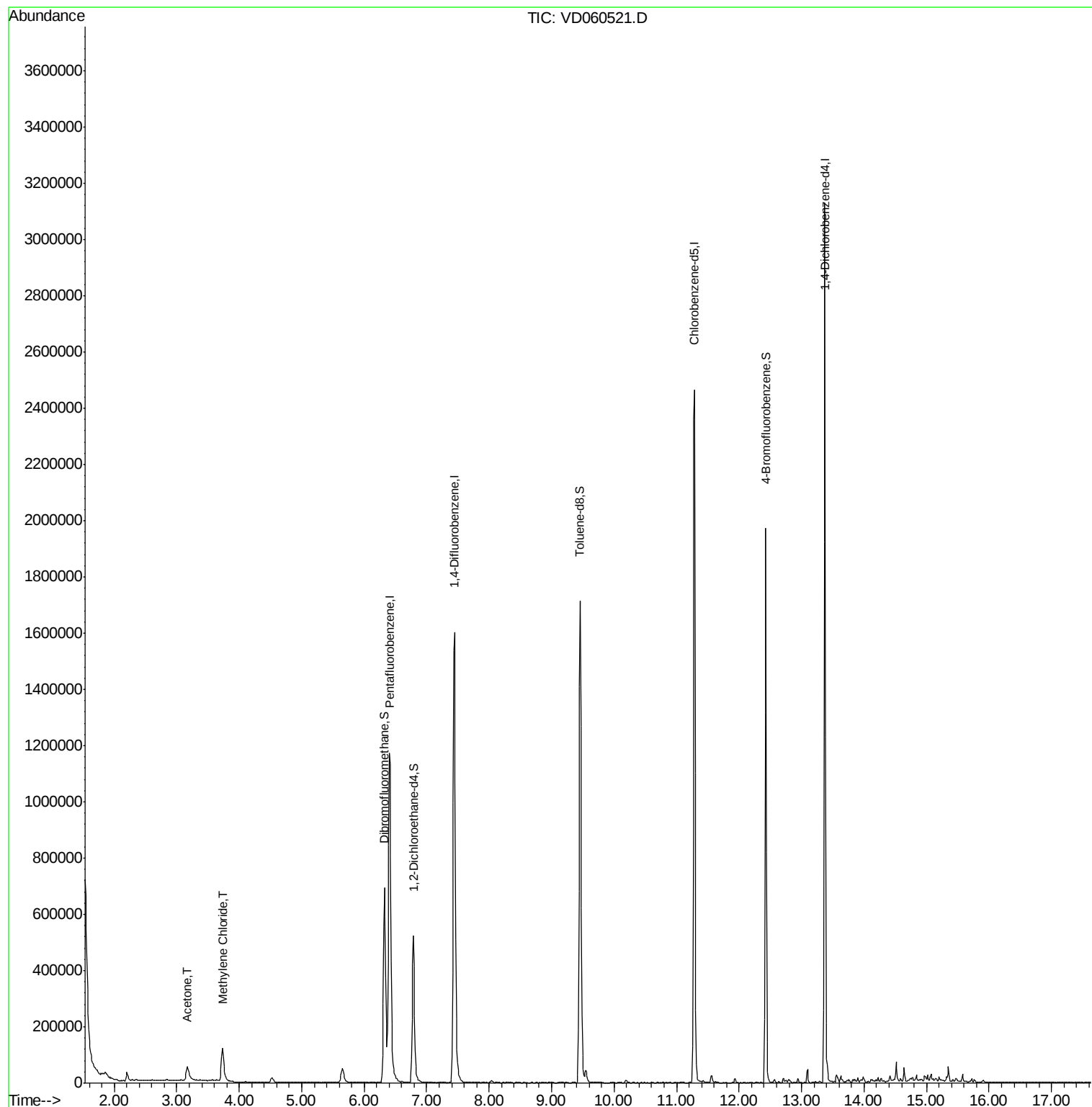
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1220984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1770418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1453196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	711651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	427784	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
35) Dibromofluoromethane	6.33	113	554251	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	
50) Toluene-d8	9.45	98	1389655	36.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.86%	
62) 4-Bromofluorobenzene	12.43	95	550952	40.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.84%	
Target Compounds						
16) Acetone	3.17	43	125578	90.526	ug/l	98
20) Methylene Chloride	3.74	84	81093	2.080	ug/l	99

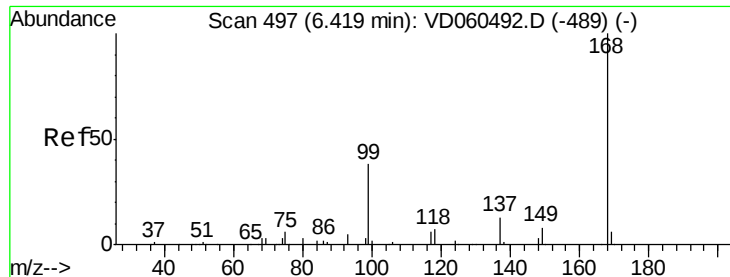
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060521.D

Acq: 10 Dec 2018 13:29

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MSVOA_D

ClientSampleId :

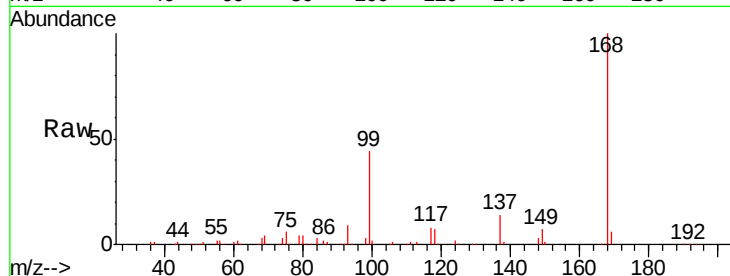
EO-03-120718-C

Tgt Ion:168 Resp: 1220984

Ion Ratio Lower Upper

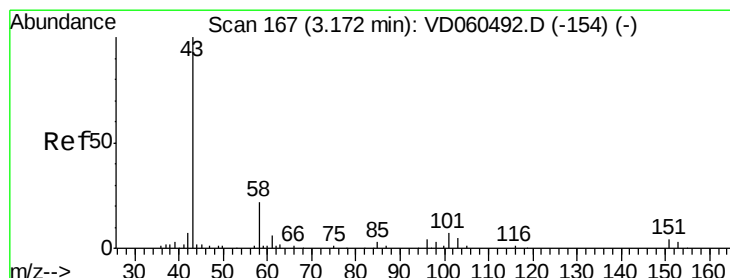
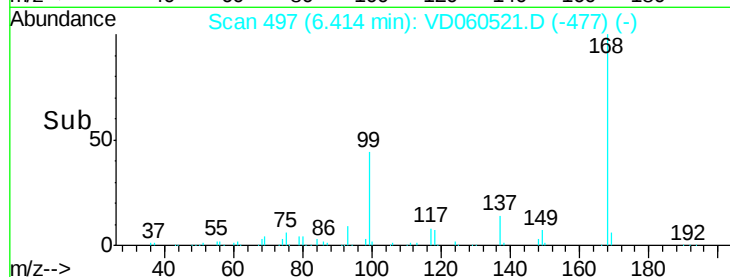
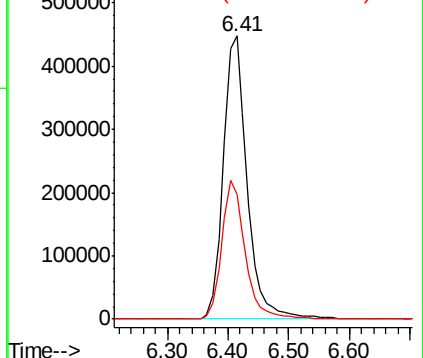
168 100

99 44.0 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 90.526 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060521.D

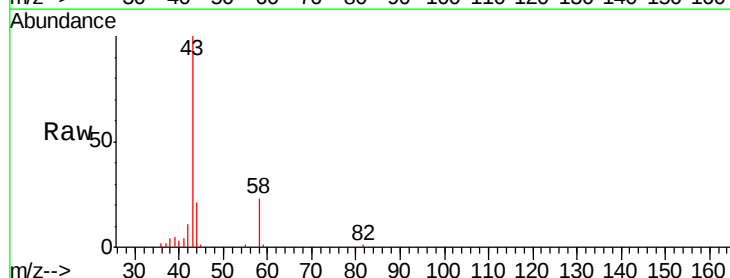
Acq: 10 Dec 2018 13:29

Tgt Ion: 43 Resp: 125578

Ion Ratio Lower Upper

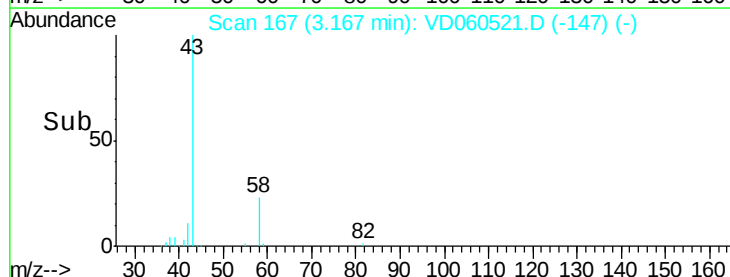
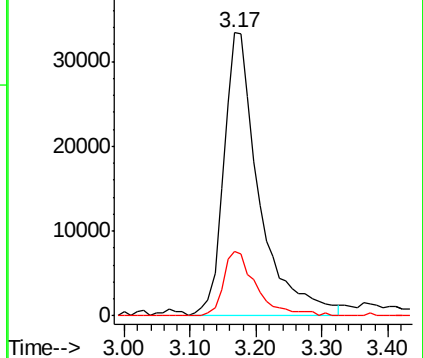
43 100

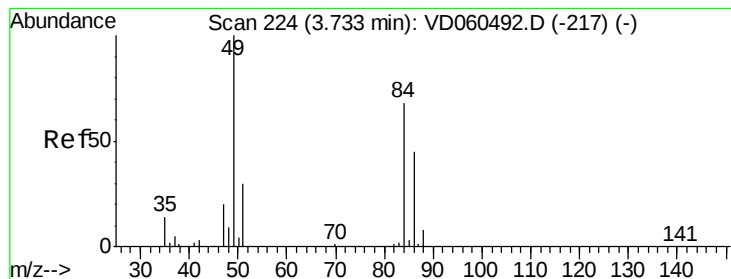
58 22.8 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 2.080 ug/l

RT: 3.74 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD060521.D

Acq: 10 Dec 2018 13:29

Instrument :

MSVOA_D

ClientSampleId :

EO-03-120718-C

Tgt Ion: 84 Resp: 81093

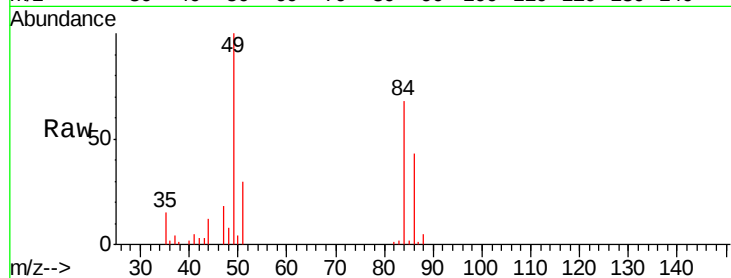
Ion Ratio Lower Upper

84 100

49 146.2 117.2 175.8

51 43.5 35.3 52.9

86 63.2 53.2 79.8

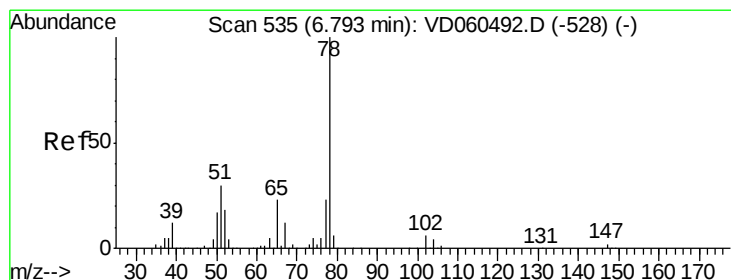
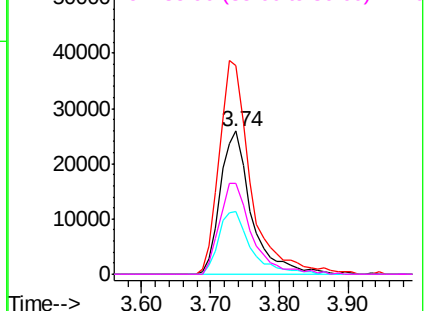
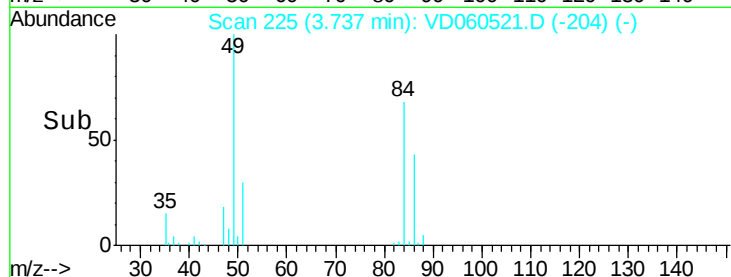


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060521.D

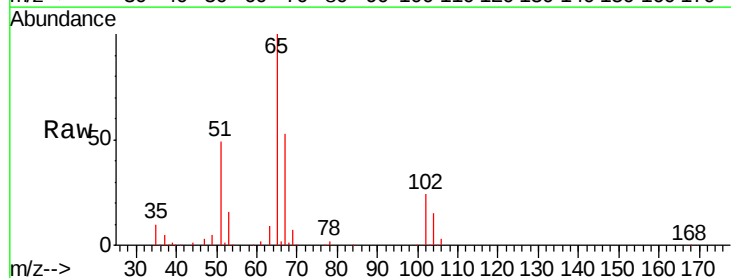
Acq: 10 Dec 2018 13:29

Tgt Ion: 65 Resp: 427784

Ion Ratio Lower Upper

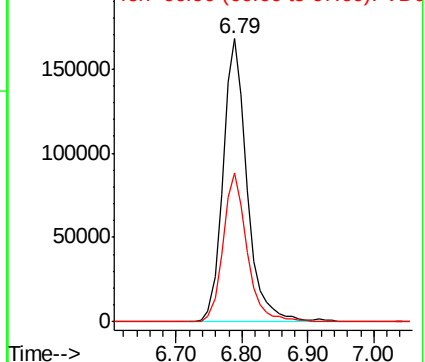
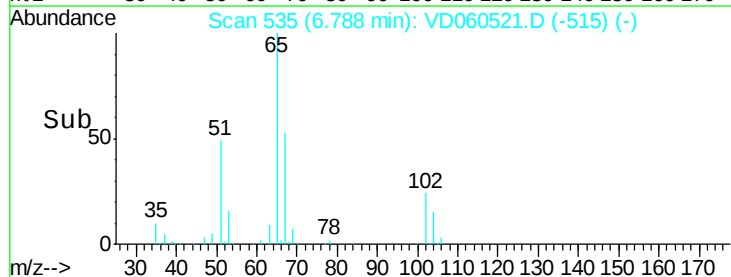
65 100

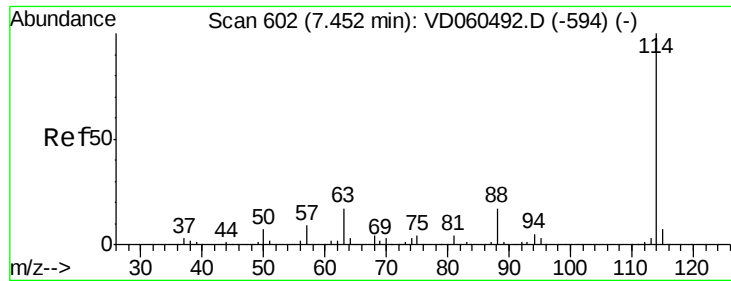
67 52.5 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

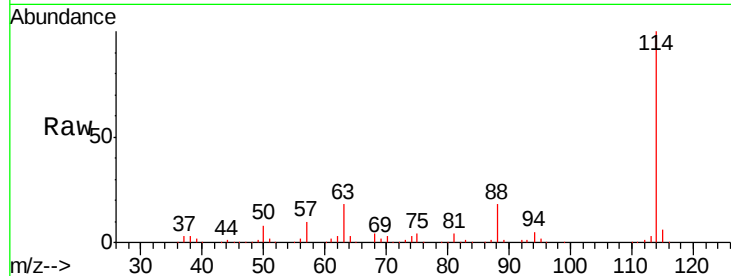




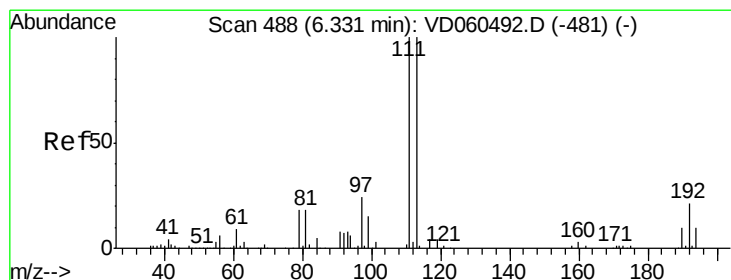
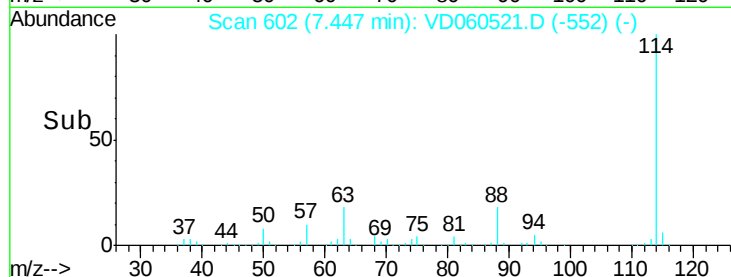
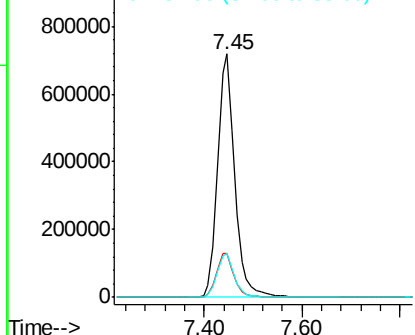
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060521.D
 Acq: 10 Dec 2018 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-120718-C

Tgt Ion:114 Resp: 1770418
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.2
 88 18.0 0.0 35.0

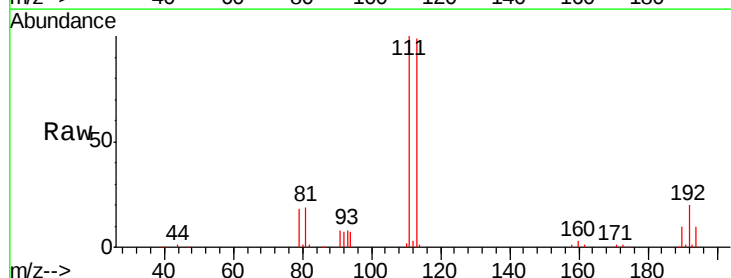


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

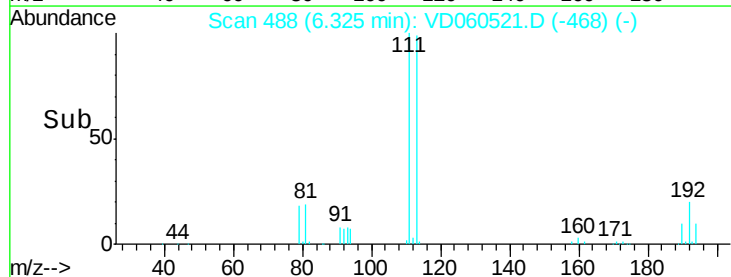
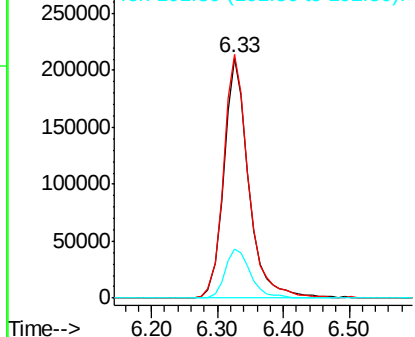


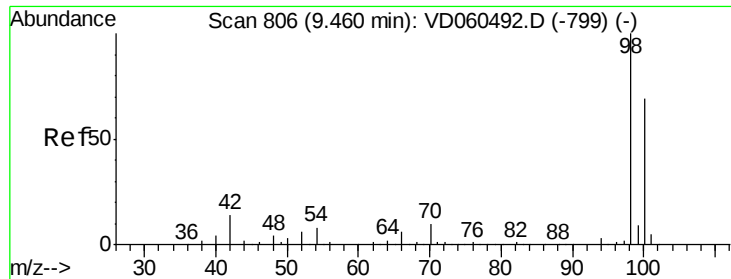
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060521.D
 Acq: 10 Dec 2018 13:29

Tgt Ion:113 Resp: 554251
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.2 120.4
 192 20.5 16.6 24.8



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

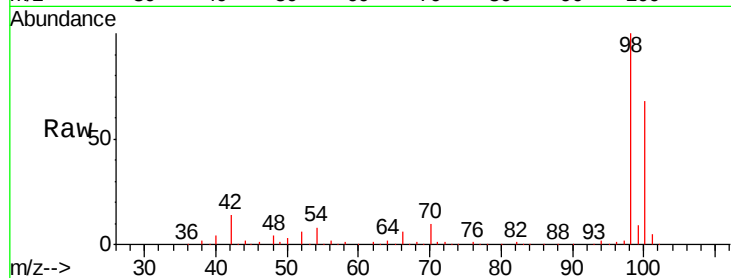




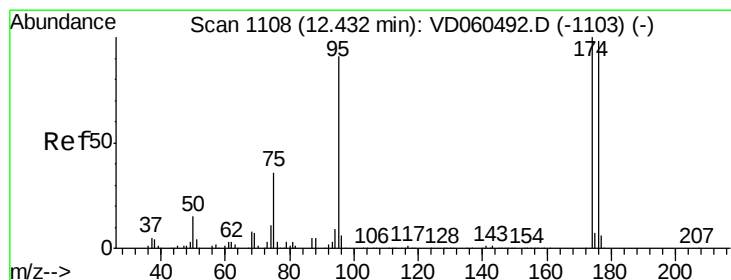
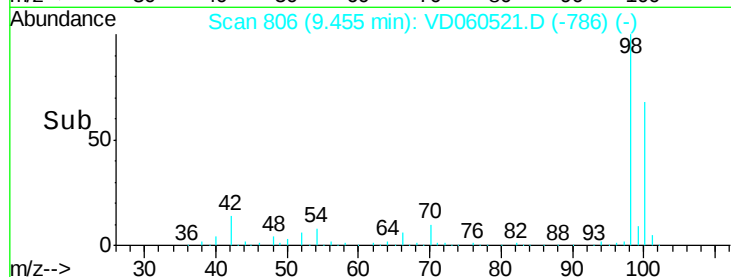
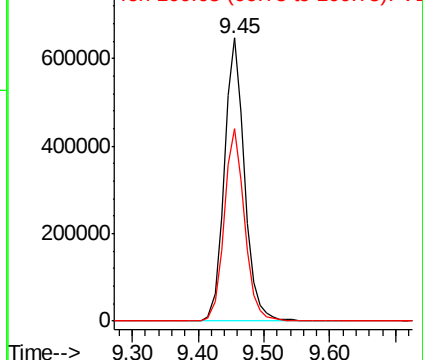
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060521.D
Acq: 10 Dec 2018 13:29

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-C

Tgt Ion: 98 Resp: 1389655
Ion Ratio Lower Upper
98 100
100 67.9 55.7 83.5

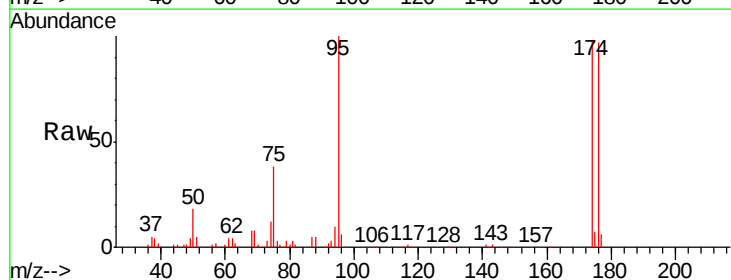


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

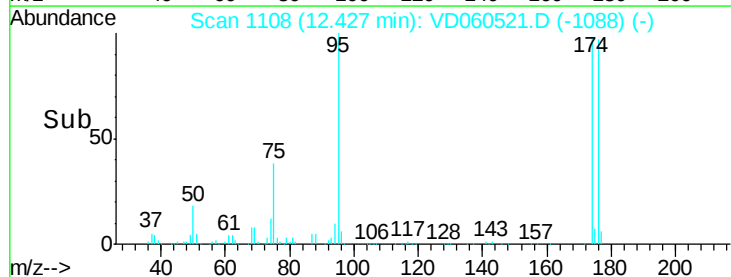
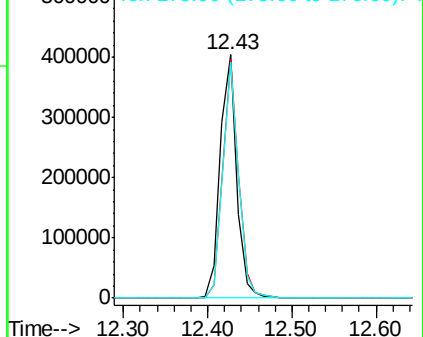


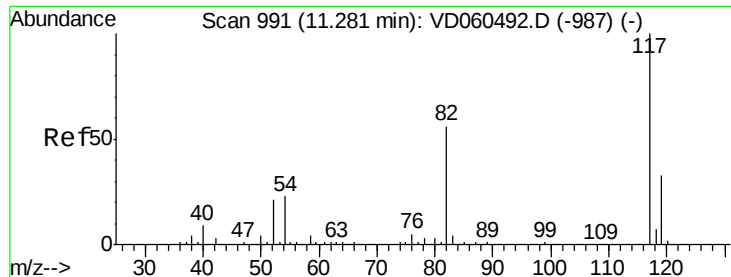
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060521.D
Acq: 10 Dec 2018 13:29

Tgt Ion: 95 Resp: 550952
Ion Ratio Lower Upper
95 100
174 97.8 0.0 219.4
176 96.7 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

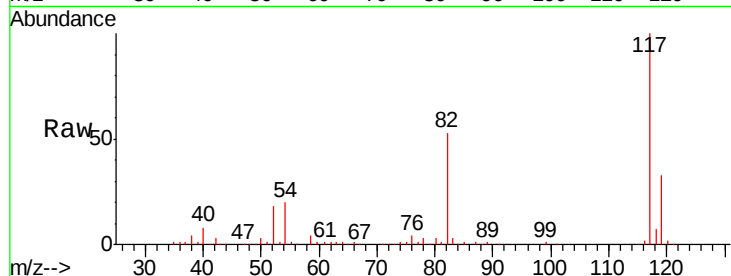




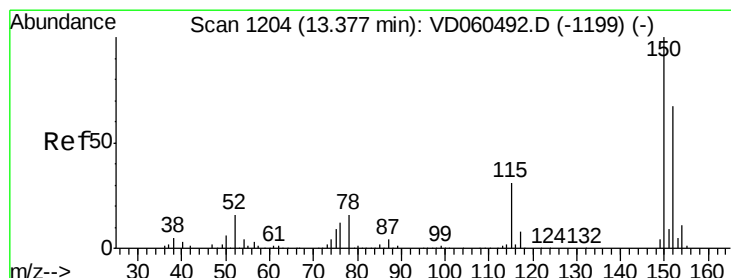
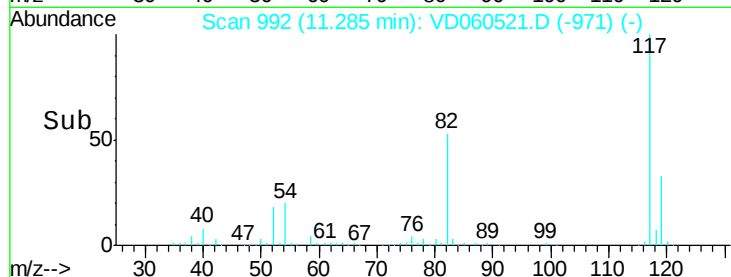
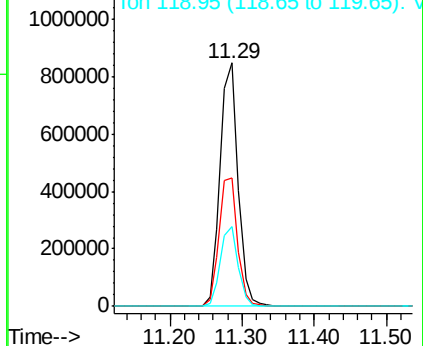
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.00 min
Lab File: VD060521.D
Acq: 10 Dec 2018 13:29

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-C

Tgt Ion:117 Resp: 1453196
Ion Ratio Lower Upper
117 100
82 52.7 45.2 67.8
119 32.7 26.1 39.1

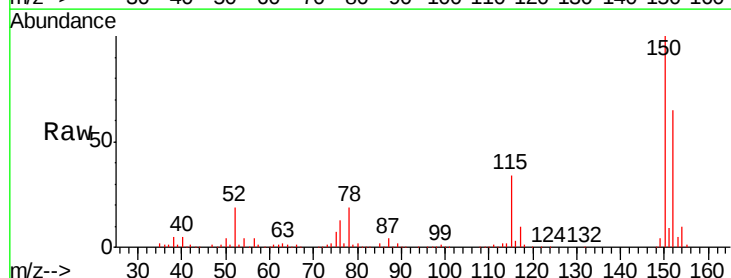


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060521.D
Acq: 10 Dec 2018 13:29

Tgt Ion:152 Resp: 711651
Ion Ratio Lower Upper
152 100
115 51.7 24.6 74.0
150 152.9 0.0 309.0



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

