

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060264.D
 Acq On : 1 Nov 2018 16:06
 Operator : VA/AP
 Sample : J5759-05
 Misc : 6.37g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Nov 01 17:08:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

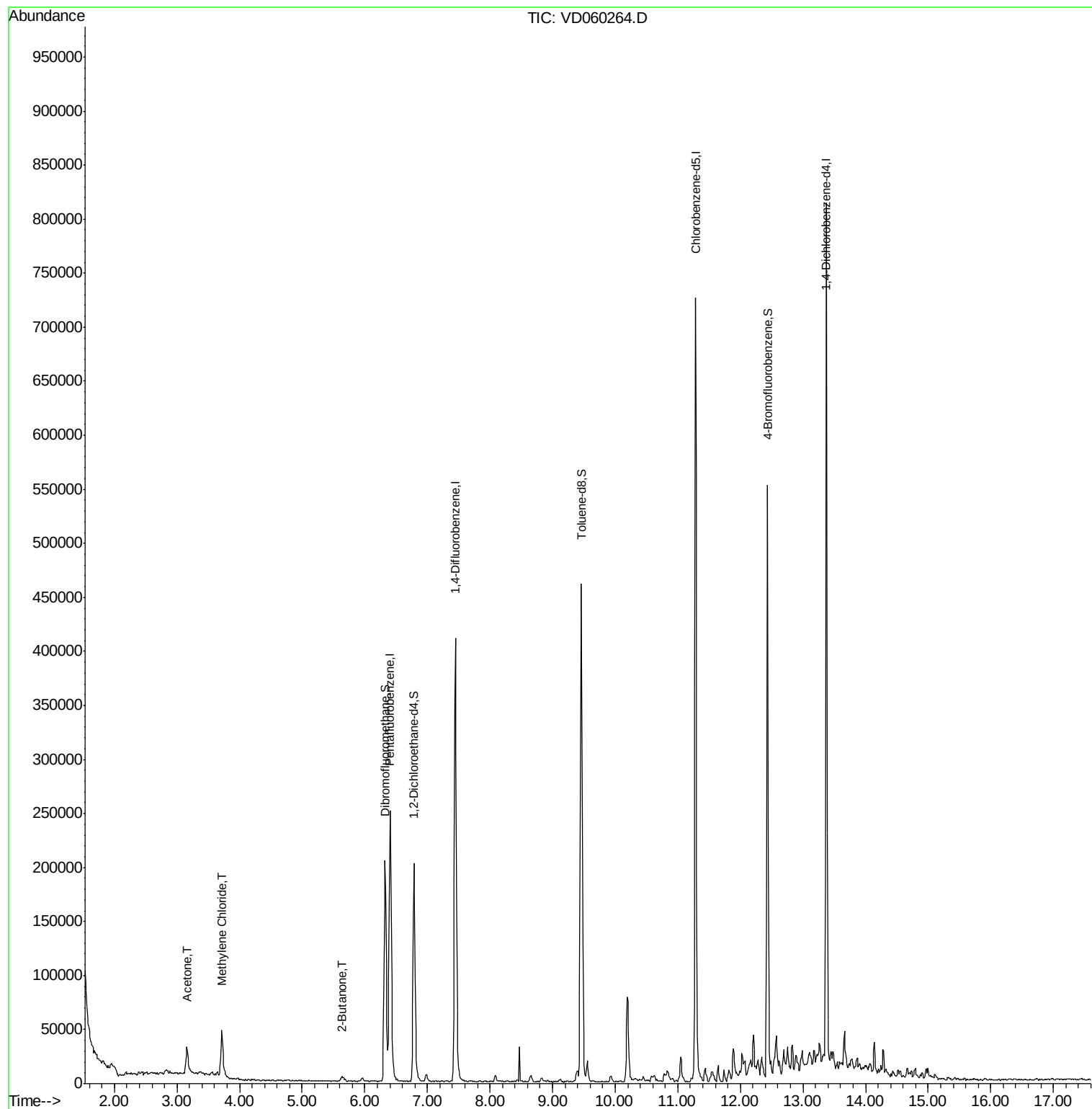
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	256389	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	423523	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	386643	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	207443	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	161175	82.93	ug/l	0.03
Spiked Amount 50.000			Recovery	=	165.86%	
35) Dibromofluoromethane	6.32	113	160010	49.75	ug/l	0.03
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	9.46	98	380224	41.46	ug/l	0.03
Spiked Amount 50.000			Recovery	=	82.92%	
62) 4-Bromofluorobenzene	12.43	95	166861	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
Target Compounds						
16) Acetone	3.16	43	45850	130.016	ug/l	99
20) Methylene Chloride	3.72	84	24422	4.921	ug/l	96
25) 2-Butanone	5.63	43	6230	7.071	ug/l #	88

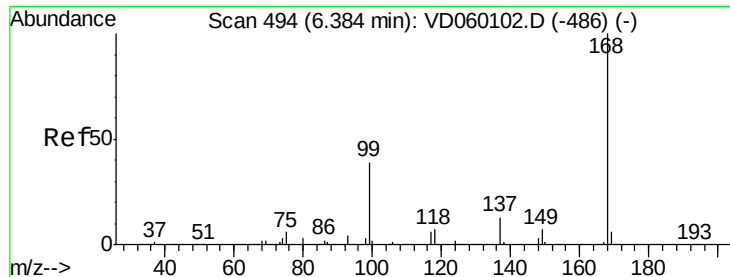
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060264.D

Acq: 1 Nov 2018 16:06

Instrument :

MSVOA_D

ClientSampleId :

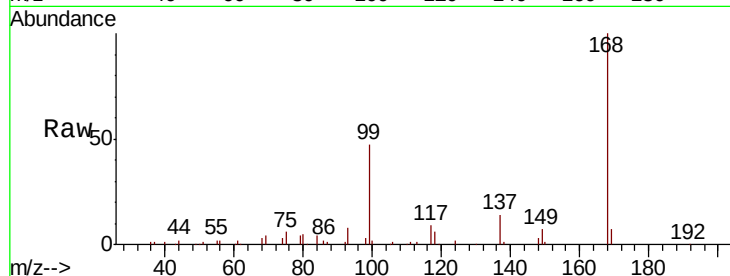
TP-2

Tot Ion:168 Resp: 256389

Ion Ratio Lower Upper

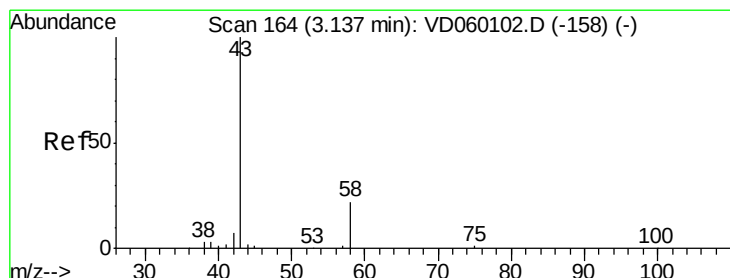
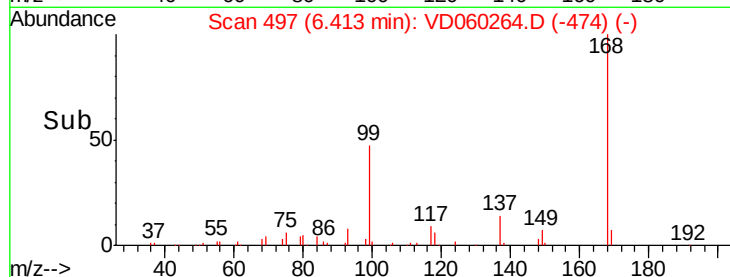
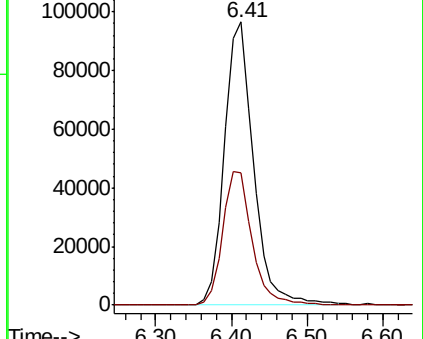
168 100

99 46.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 130.016 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060264.D

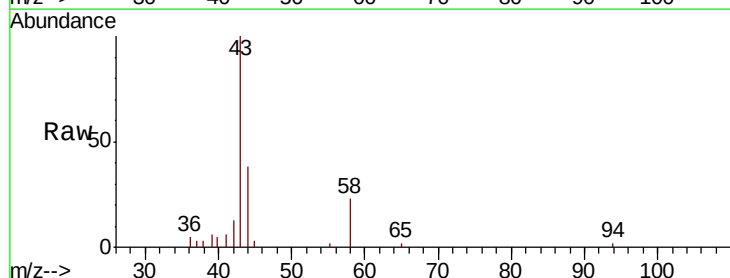
Acq: 1 Nov 2018 16:06

Tgt Ion: 43 Resp: 45850

Ion Ratio Lower Upper

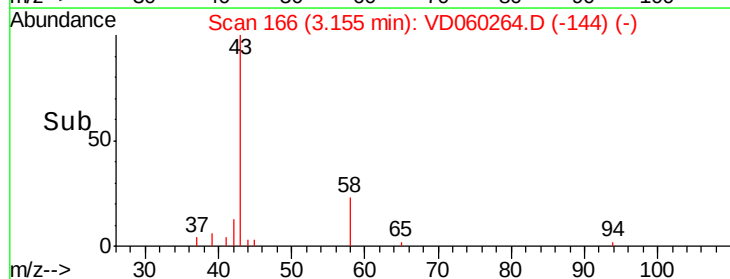
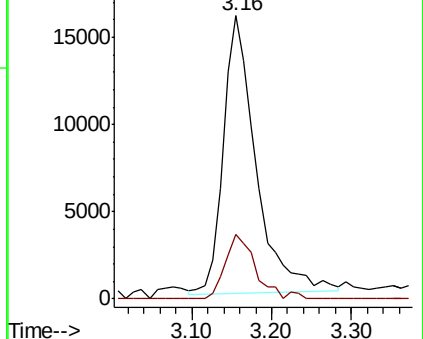
43 100

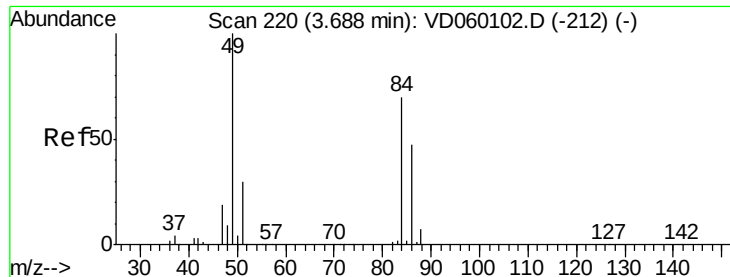
58 22.6 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

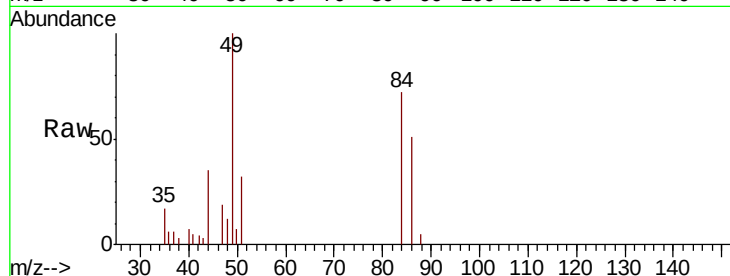




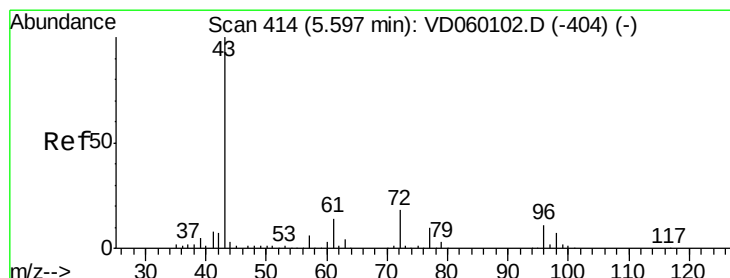
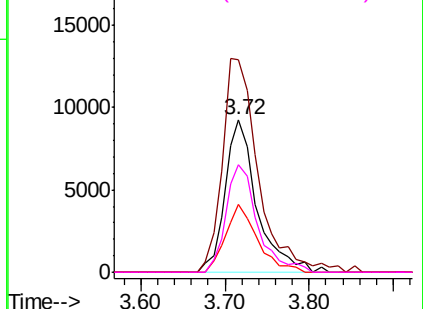
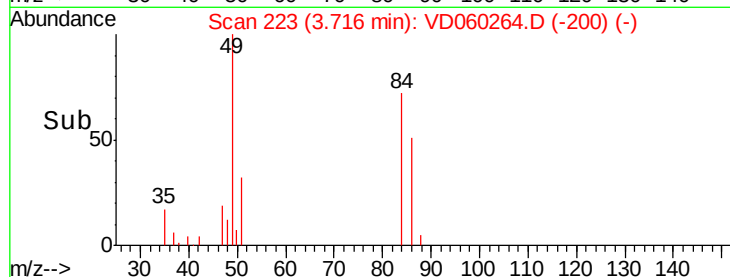
#20
Methylene Chloride
Concen: 4.921 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060264.D
Acq: 1 Nov 2018 16:06

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion: 84 Resp: 24422
Ion Ratio Lower Upper
84 100
49 139.5 114.6 172.0
51 44.8 33.8 50.8
86 71.0 53.3 79.9

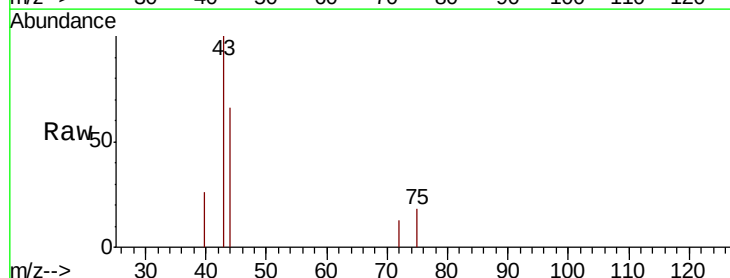


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

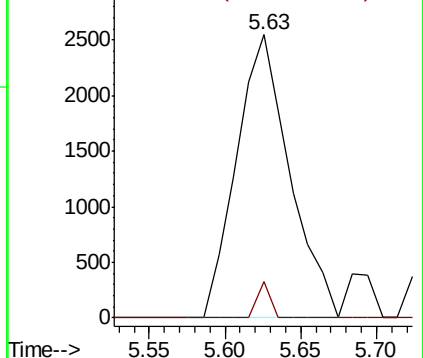
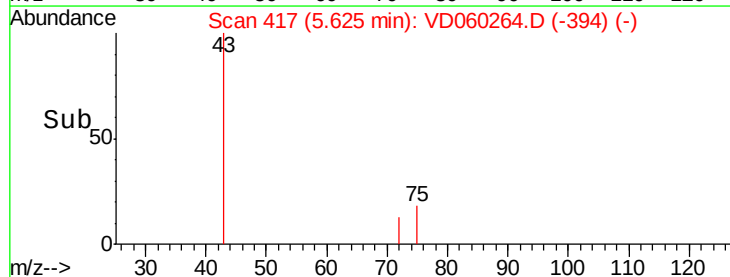


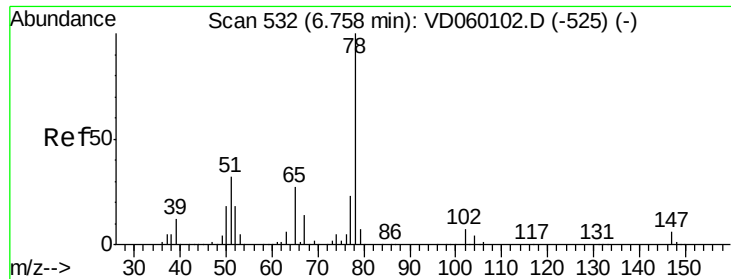
#25
2-Butanone
Concen: 7.071 ug/l
RT: 5.63 min Scan# 417
Delta R.T. 0.03 min
Lab File: VD060264.D
Acq: 1 Nov 2018 16:06

Tgt Ion: 43 Resp: 6230
Ion Ratio Lower Upper
43 100
72 13.0 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

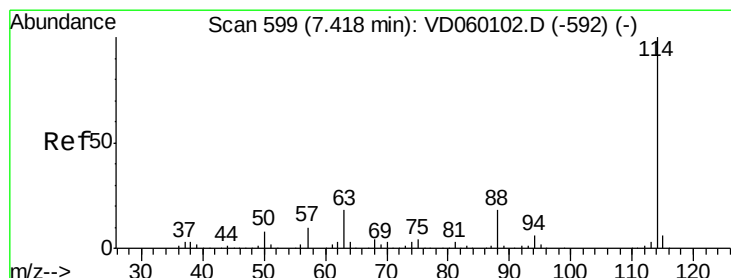
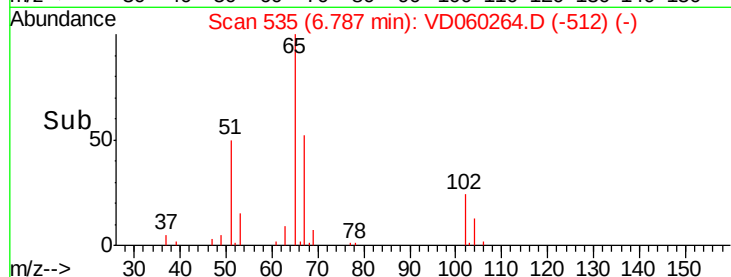
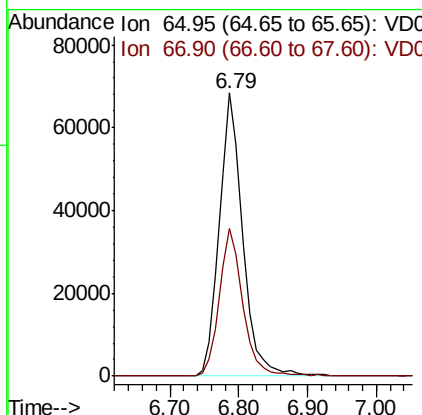
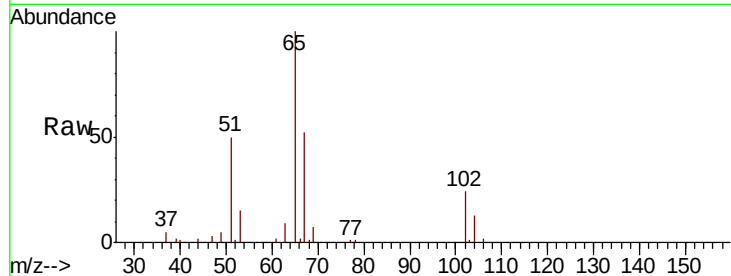




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VD060264.D
 Acq: 1 Nov 2018 16:06

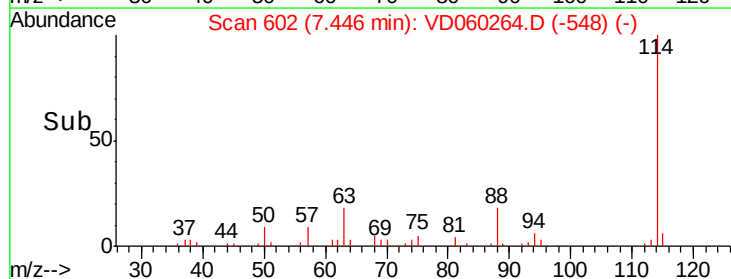
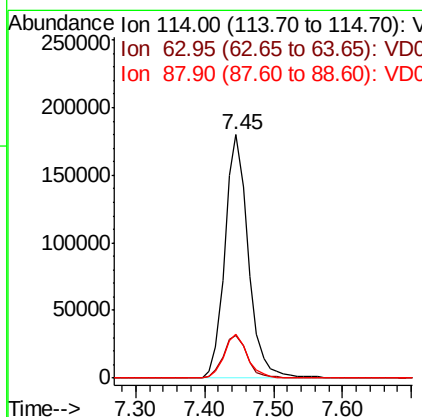
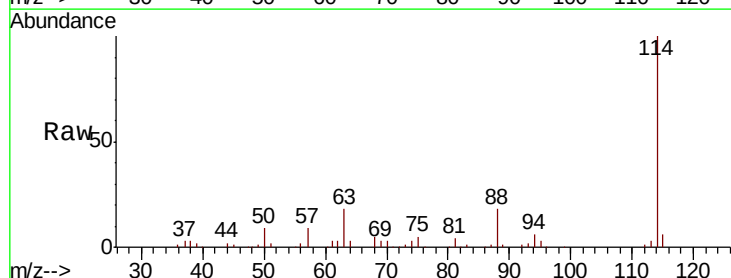
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

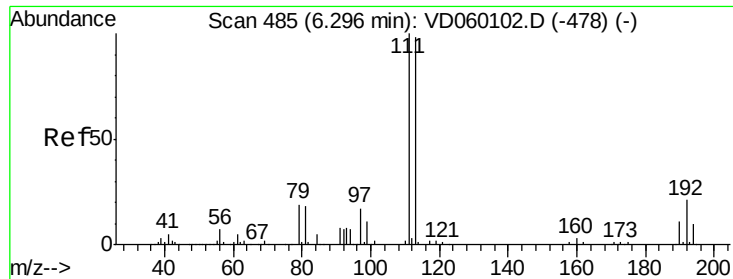
Tot Ion: 65 Resp: 161175
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060264.D
 Acq: 1 Nov 2018 16:06

Tgt Ion: 114 Resp: 423523
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.0
 88 17.9 0.0 36.2

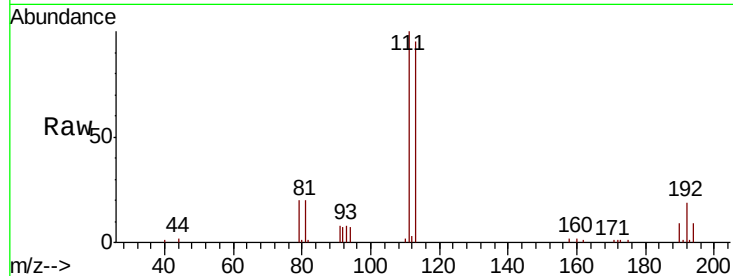




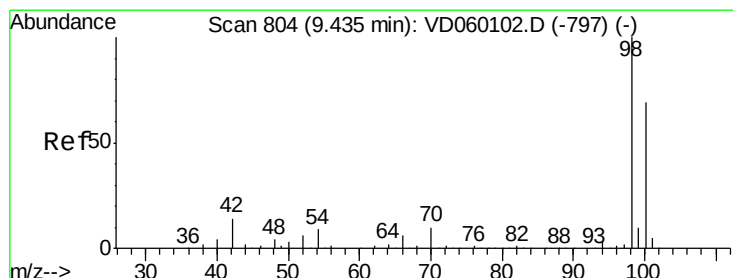
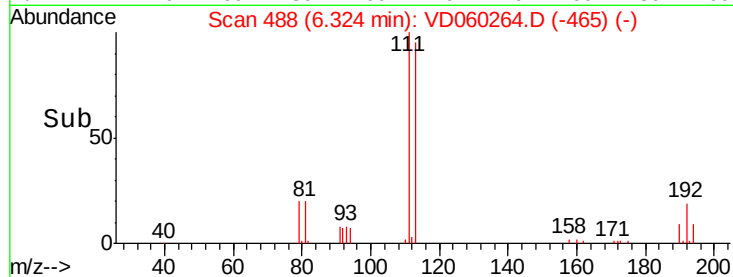
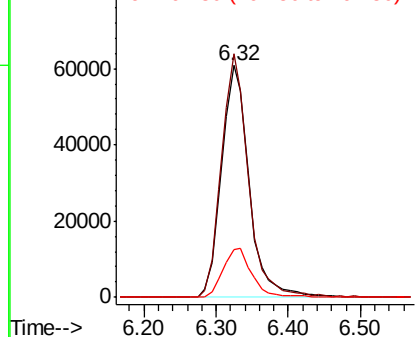
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. 0.03 min
Lab File: VD060264.D
Acq: 1 Nov 2018 16:06

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion:113 Resp: 160010
Ion Ratio Lower Upper
113 100
111 105.1 81.5 122.3
192 20.4 17.4 26.0

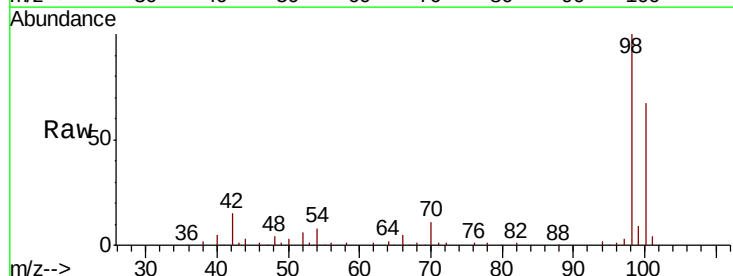


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

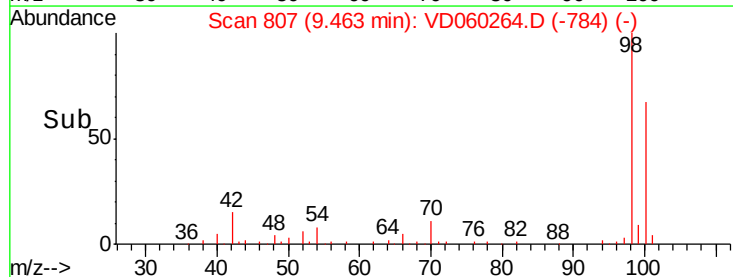
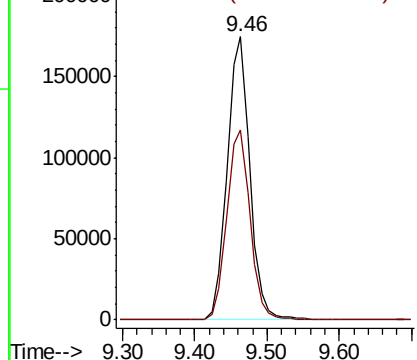


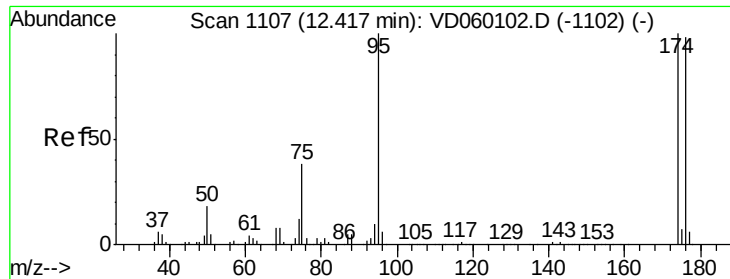
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060264.D
Acq: 1 Nov 2018 16:06

Tgt Ion: 98 Resp: 380224
Ion Ratio Lower Upper
98 100
100 67.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD
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: VD060264.D

Acq: 1 Nov 2018 16:06

Instrument :

MSVOA_D

ClientSampleId :

TP-2

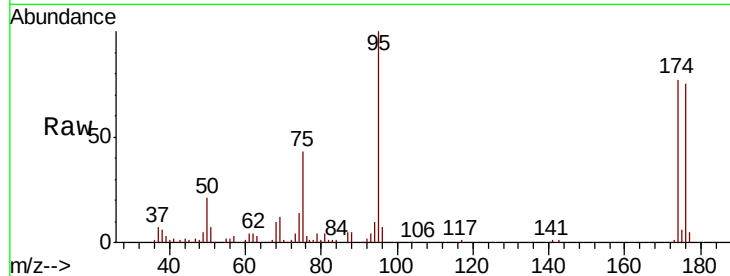
Tot Ion: 95 Resp: 166861

Ion Ratio Lower Upper

95 100

174 76.7 0.0 200.2

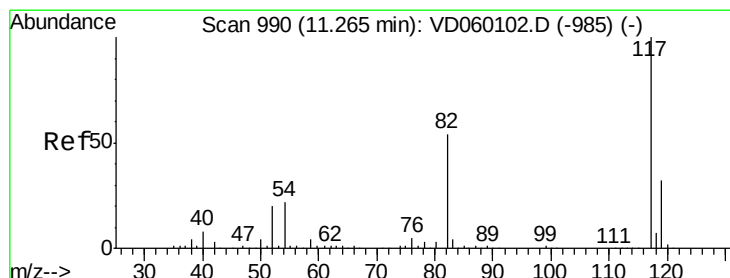
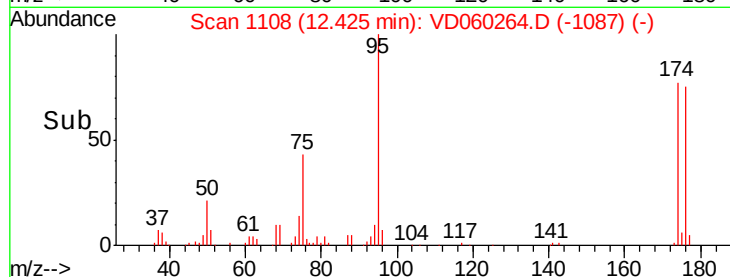
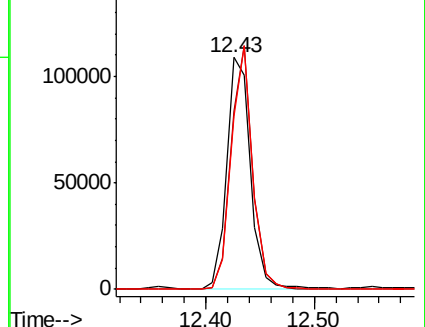
176 74.7 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: 11.28 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060264.D

Acq: 1 Nov 2018 16:06

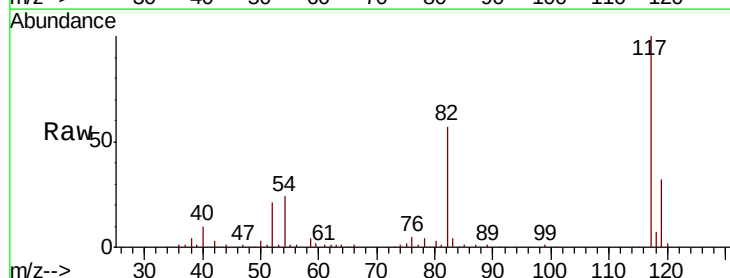
Tgt Ion: 117 Resp: 386643

Ion Ratio Lower Upper

117 100

82 57.4 43.4 65.2

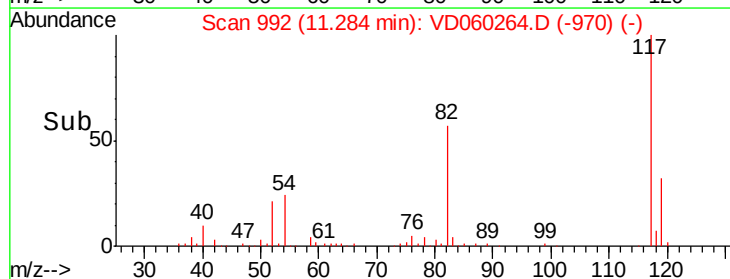
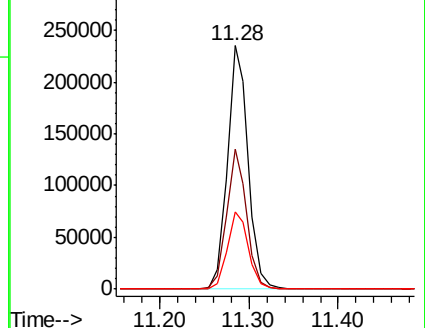
119 31.8 26.0 39.0

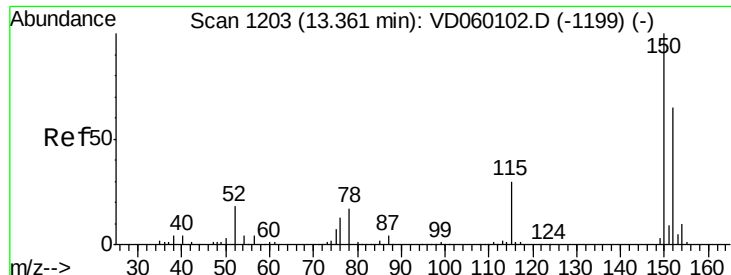


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.38 min Scan# 1205

Delta R.T. 0.02 min

Lab File: VD060264.D

Acq: 1 Nov 2018 16:06

Instrument :

MSVOA_D

ClientSampleId :

TP-2

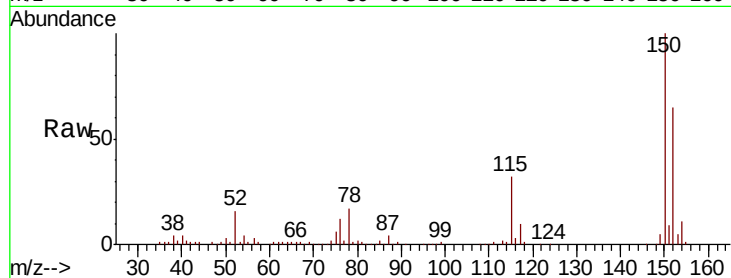
Tot Ion:152 Resp: 207443

Ion Ratio Lower Upper

152 100

115 48.6 27.1 81.2

150 154.4 0.0 311.8



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

