

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060266.D
 Acq On : 1 Nov 2018 17:03
 Operator : VA/AP
 Sample : J5759-13
 Misc : 4.82g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Nov 01 17:12:39 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

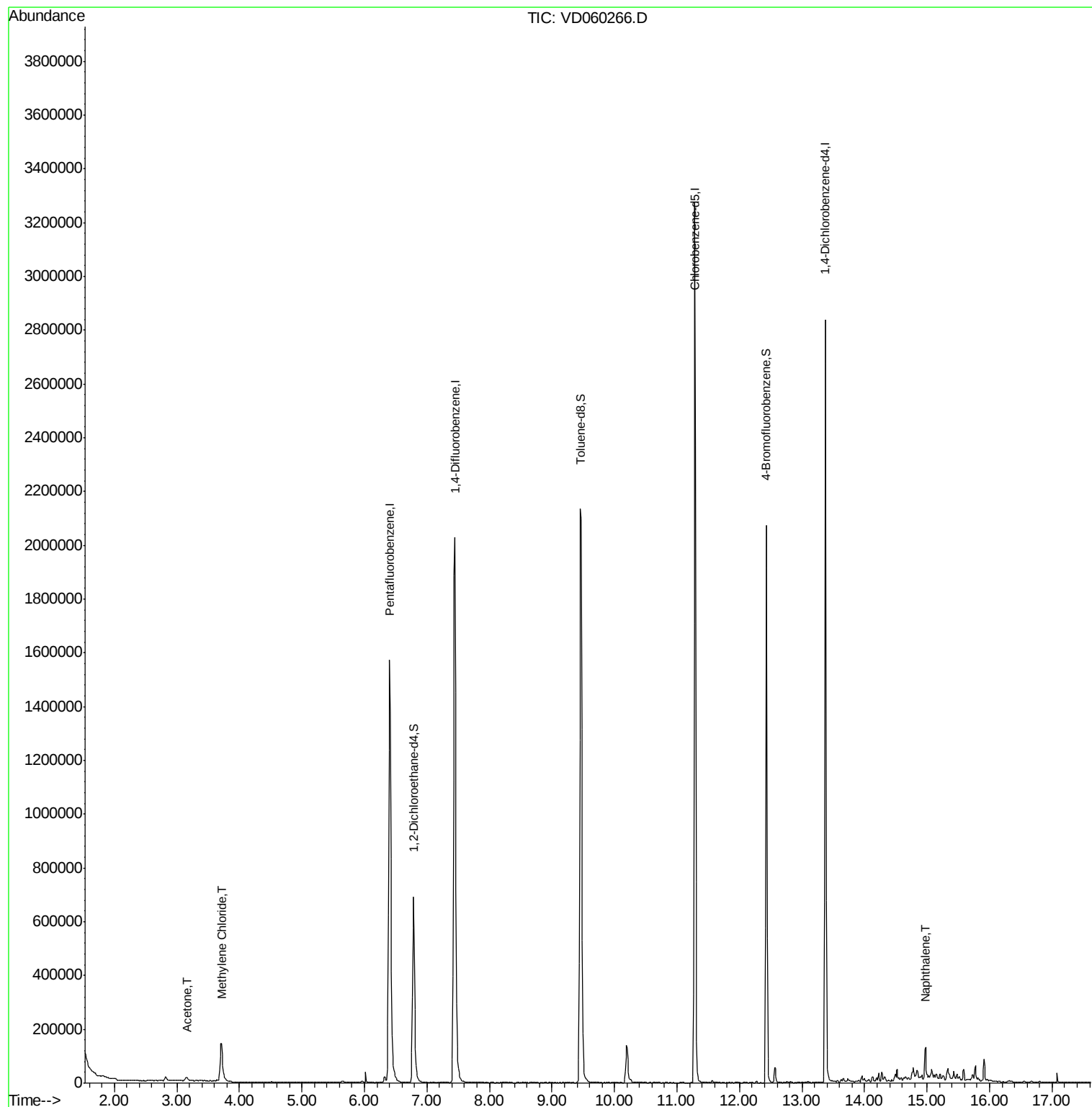
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1556707	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2197457	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1716273	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	740584	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	550222	46.63	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.26%	
35) Dibromofluoromethane	6.32	113	15763	0.94	ug/l	0.03
Spiked Amount 50.000			Recovery	=	1.88%	
50) Toluene-d8	9.45	98	1796756	37.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.52%	
62) 4-Bromofluorobenzene	12.43	95	627005	35.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.38%	
Target Compounds						
16) Acetone	3.16	43	31947	14.920	ug/l	96
20) Methylene Chloride	3.71	84	92558	1.303	ug/l	98
95) Naphthalene	14.97	128	80090	3.061	ug/l	99

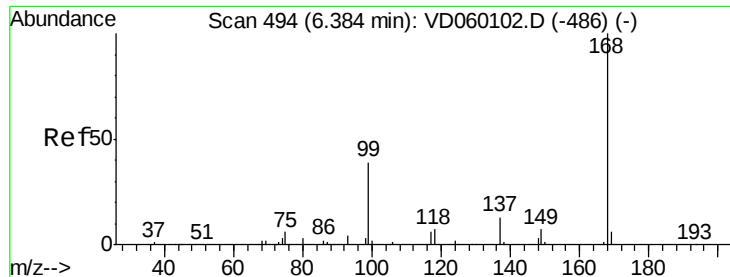
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060266.D

Acq: 1 Nov 2018 17:03

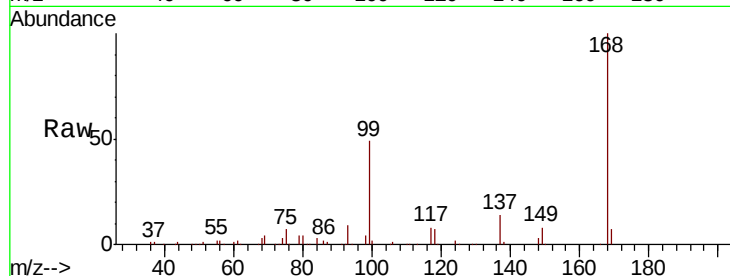
Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:168 Resp: 1556707

Ion Ratio Lower Upper

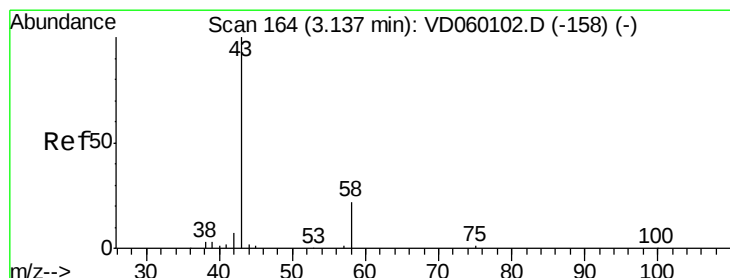
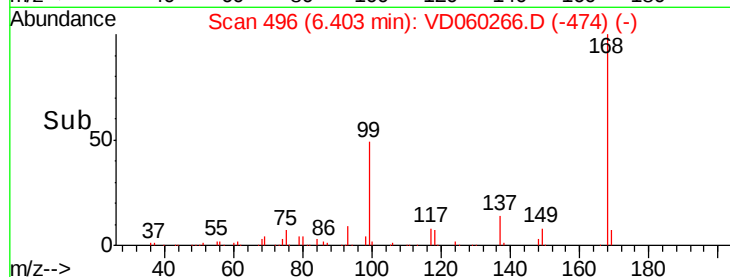
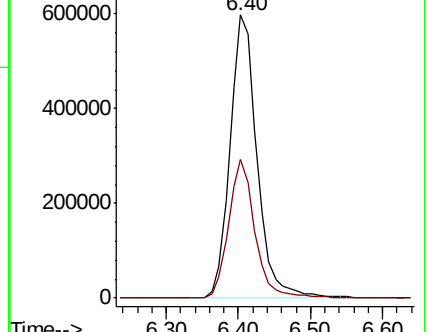
168 100

99 48.9 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: 14.920 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060266.D

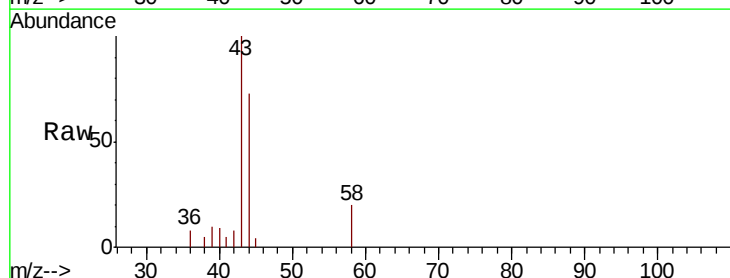
Acq: 1 Nov 2018 17:03

Tgt Ion: 43 Resp: 31947

Ion Ratio Lower Upper

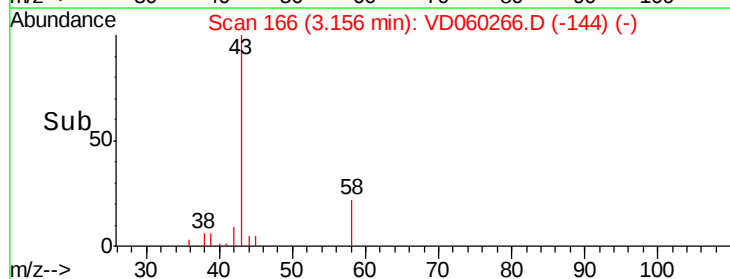
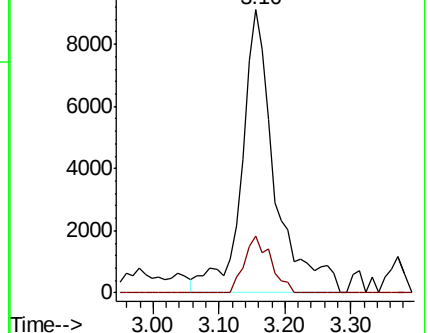
43 100

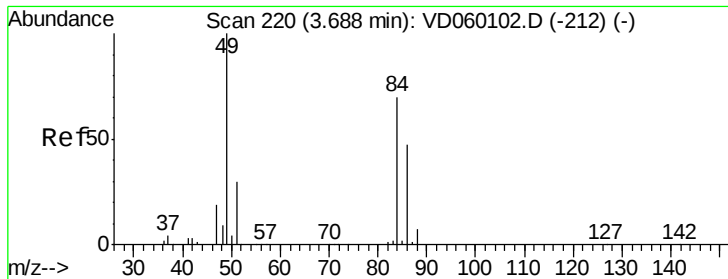
58 20.2 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

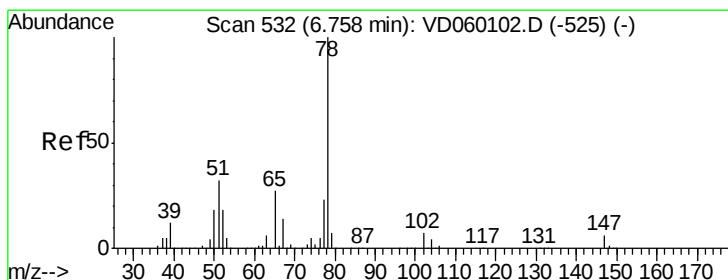
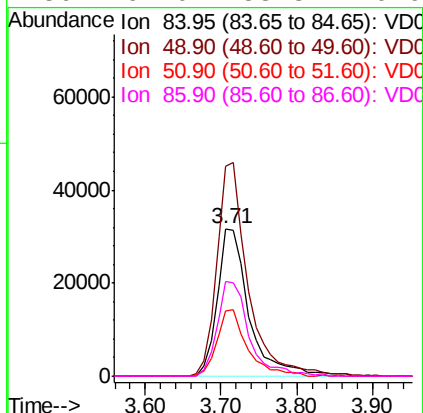
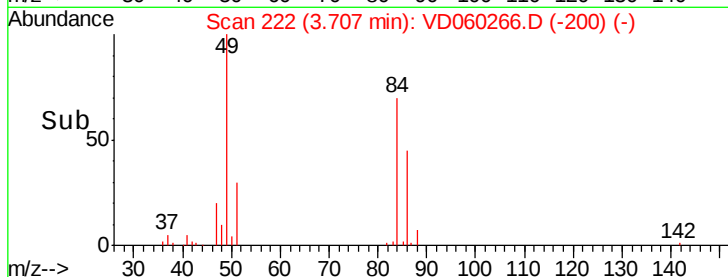
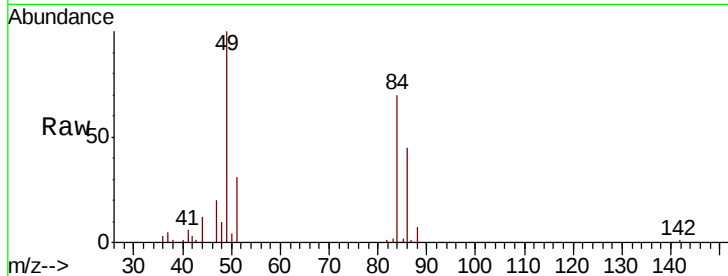




#20
Methylene Chloride
Concen: 1.303 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.02 min
Lab File: VD060266.D
Acq: 1 Nov 2018 17:03

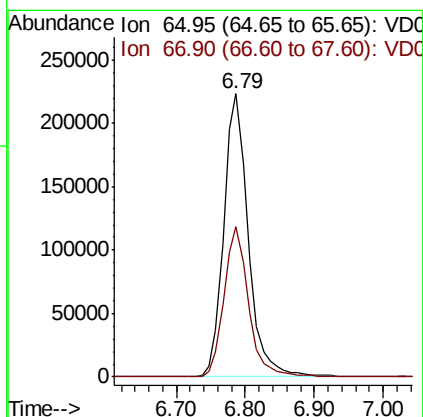
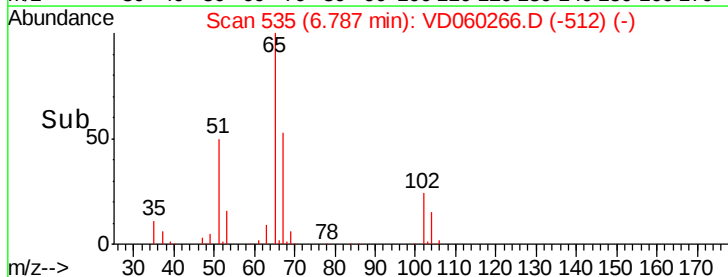
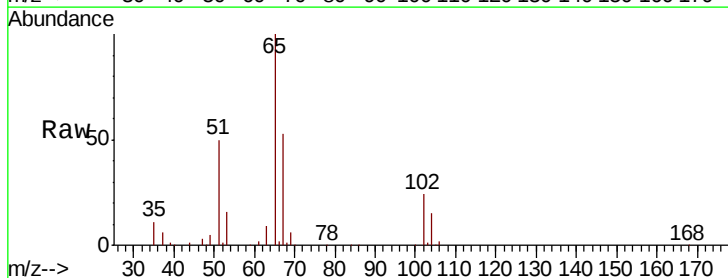
Instrument :
MSVOA_D
ClientSampleId :
TP-4

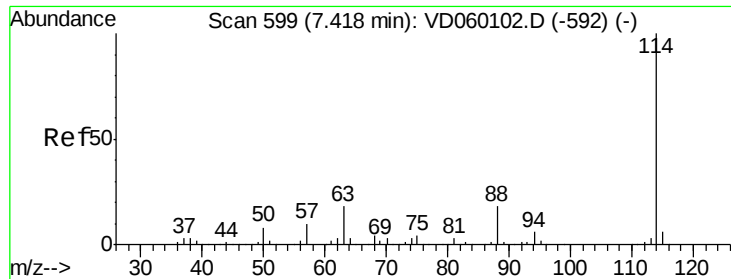
Tot Ion:	84	Resp:	92558
Ion	Ratio	Lower	Upper
84	100		
49	142.5	114.6	172.0
51	44.1	33.8	50.8
86	64.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060266.D
Acq: 1 Nov 2018 17:03

Tgt Ion:	65	Resp:	550222
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.2

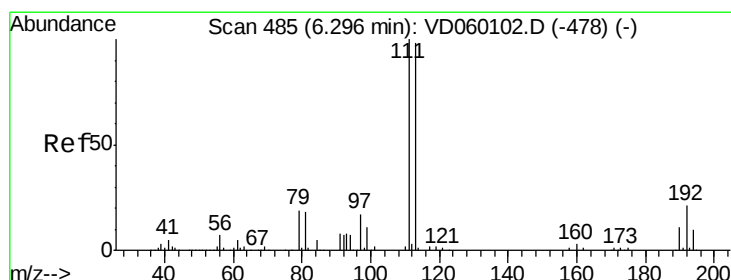
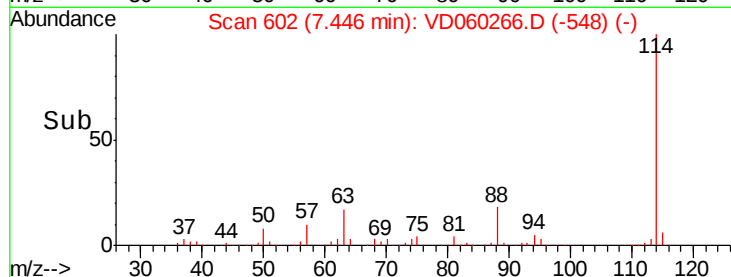
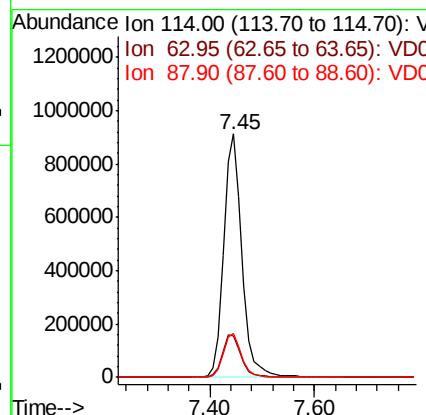
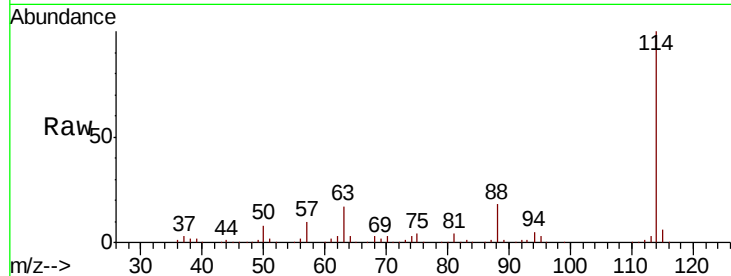




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060266.D
 Acq: 1 Nov 2018 17:03

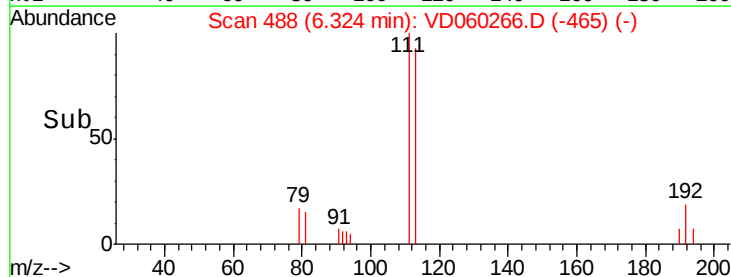
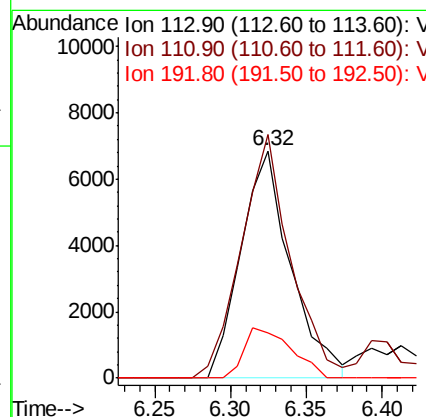
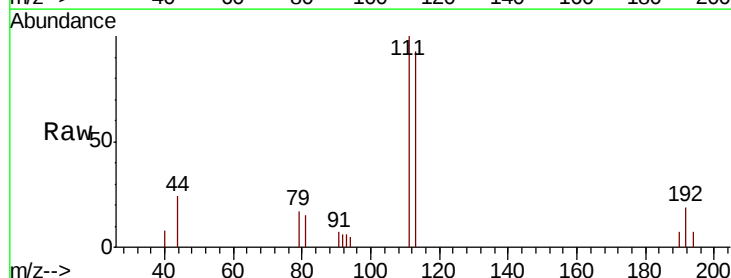
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

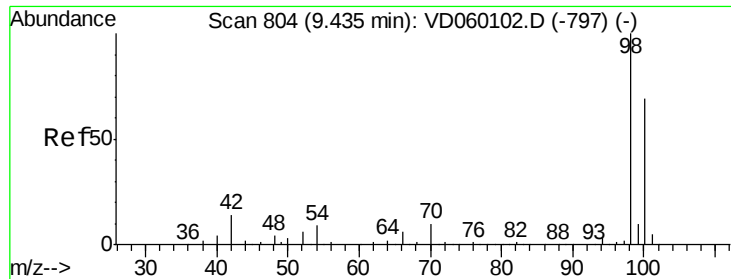
Tot Ion:114 Resp: 2197457
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.0
 88 18.1 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060266.D
 Acq: 1 Nov 2018 17:03

Tgt Ion:113 Resp: 15763
 Ion Ratio Lower Upper
 113 100
 111 107.1 81.5 122.3
 192 19.9 17.4 26.0

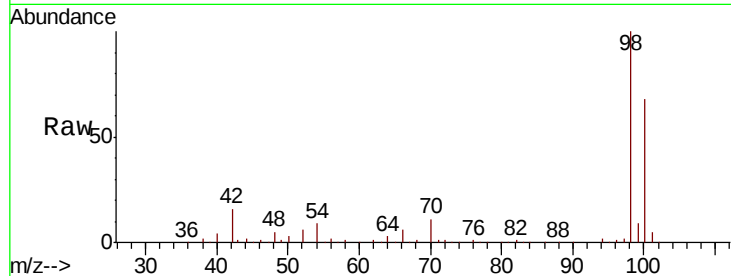




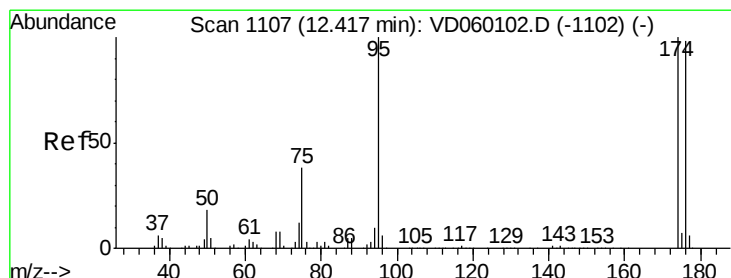
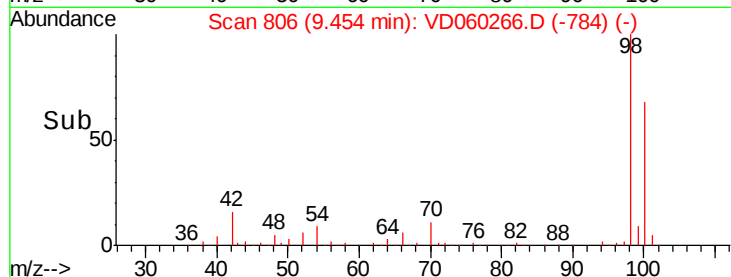
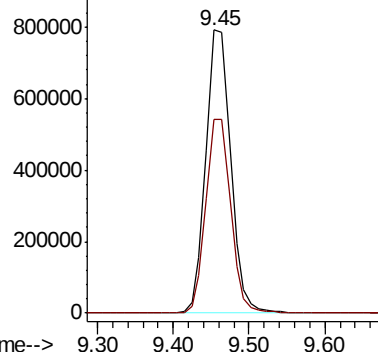
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060266.D
Acq: 1 Nov 2018 17:03

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion: 98 Resp: 1796756
Ion Ratio Lower Upper
98 100
100 68.4 55.4 83.0

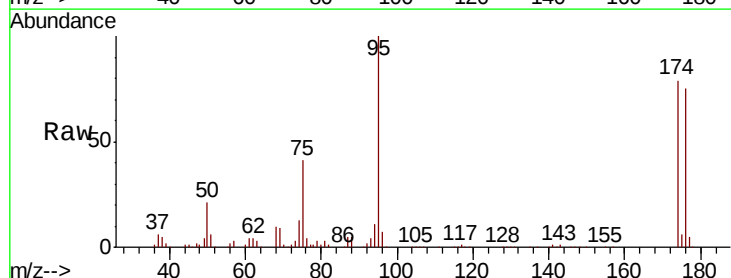


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

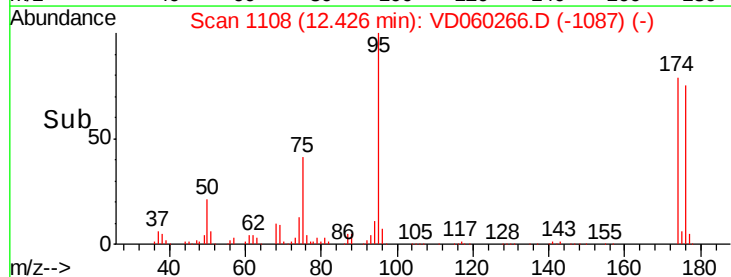
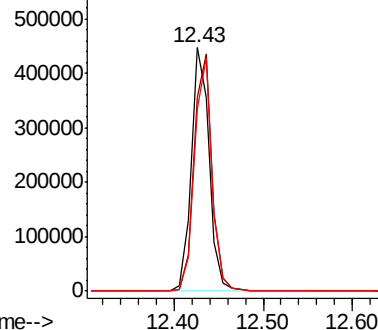


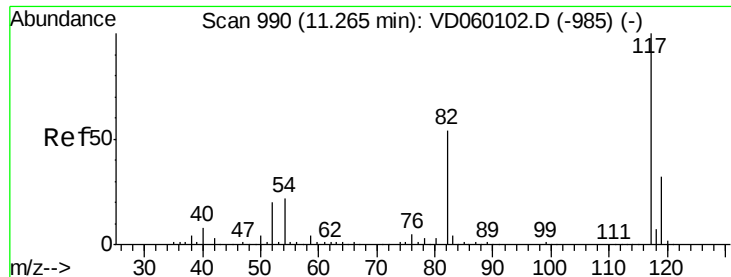
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060266.D
Acq: 1 Nov 2018 17:03

Tgt Ion: 95 Resp: 627005
Ion Ratio Lower Upper
95 100
174 79.4 0.0 200.2
176 74.8 0.0 195.6



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

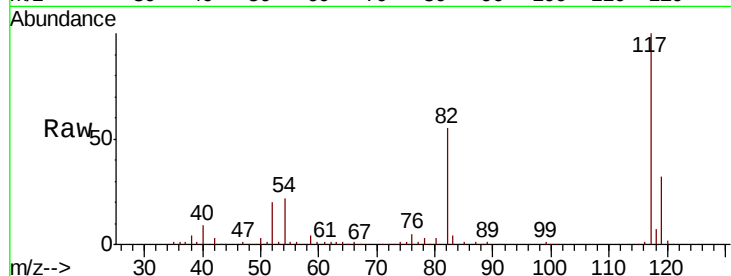




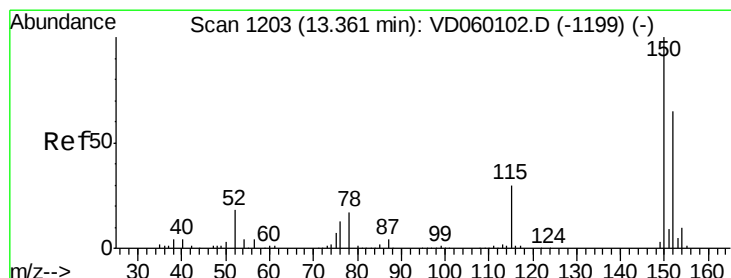
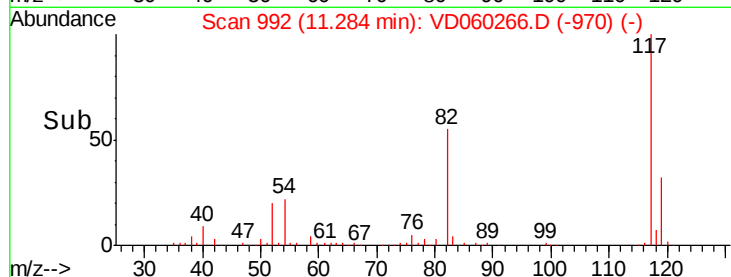
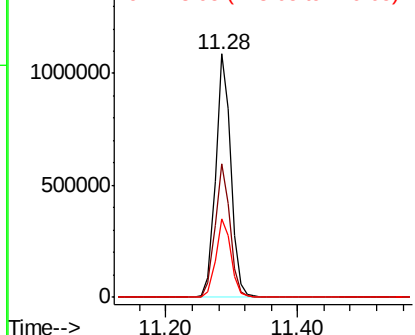
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060266.D
Acq: 1 Nov 2018 17:03

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion:117 Resp: 1716273
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.2
119 32.1 26.0 39.0

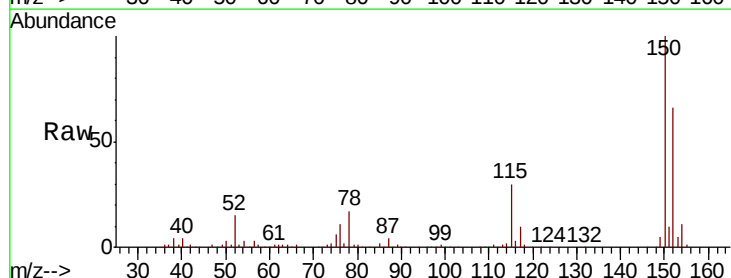


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

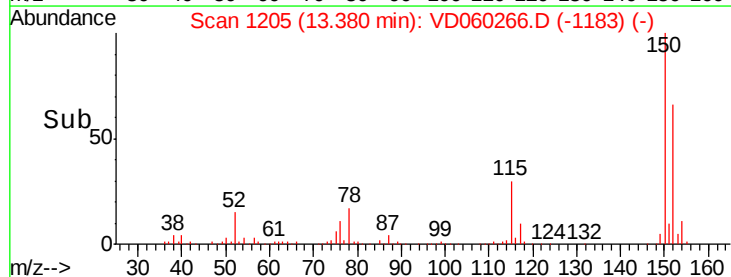
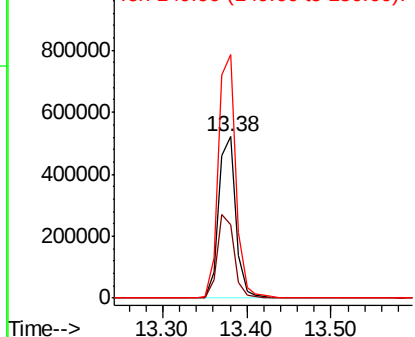


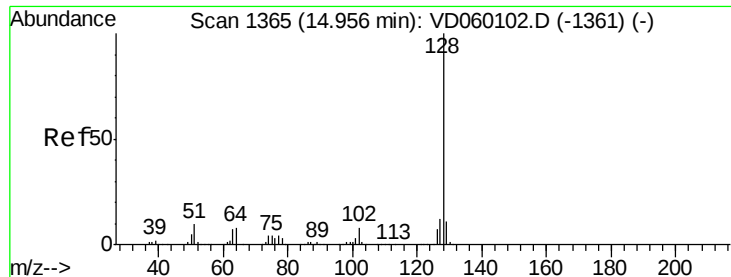
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060266.D
Acq: 1 Nov 2018 17:03

Tgt Ion:152 Resp: 740584
Ion Ratio Lower Upper
152 100
115 45.2 27.1 81.2
150 150.8 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





#95

Naphthalene

Concen: 3.061 ug/l

RT: 14.97 min Scan# 1367

Delta R.T. 0.02 min

Lab File: VD060266.D

Acq: 1 Nov 2018 17:03

Instrument :

MSVOA_D

ClientSampleId :

TP-4

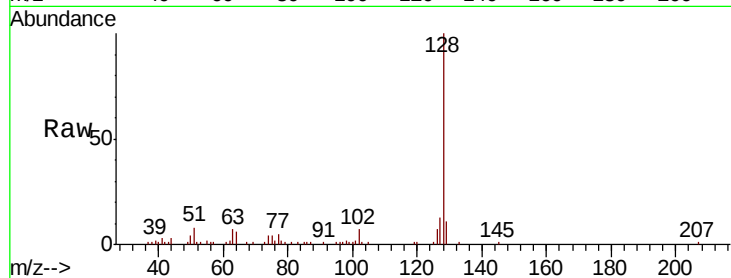
Tot Ion:128 Resp: 80090

Ion Ratio Lower Upper

128 100

127 13.2 9.9 14.9

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

