

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060579.D
 Acq On : 14 Dec 2018 17:58
 Operator : VA/AP
 Sample : J6403-33
 Misc : 5.44g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-A

Quant Time: Dec 14 23:08:37 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

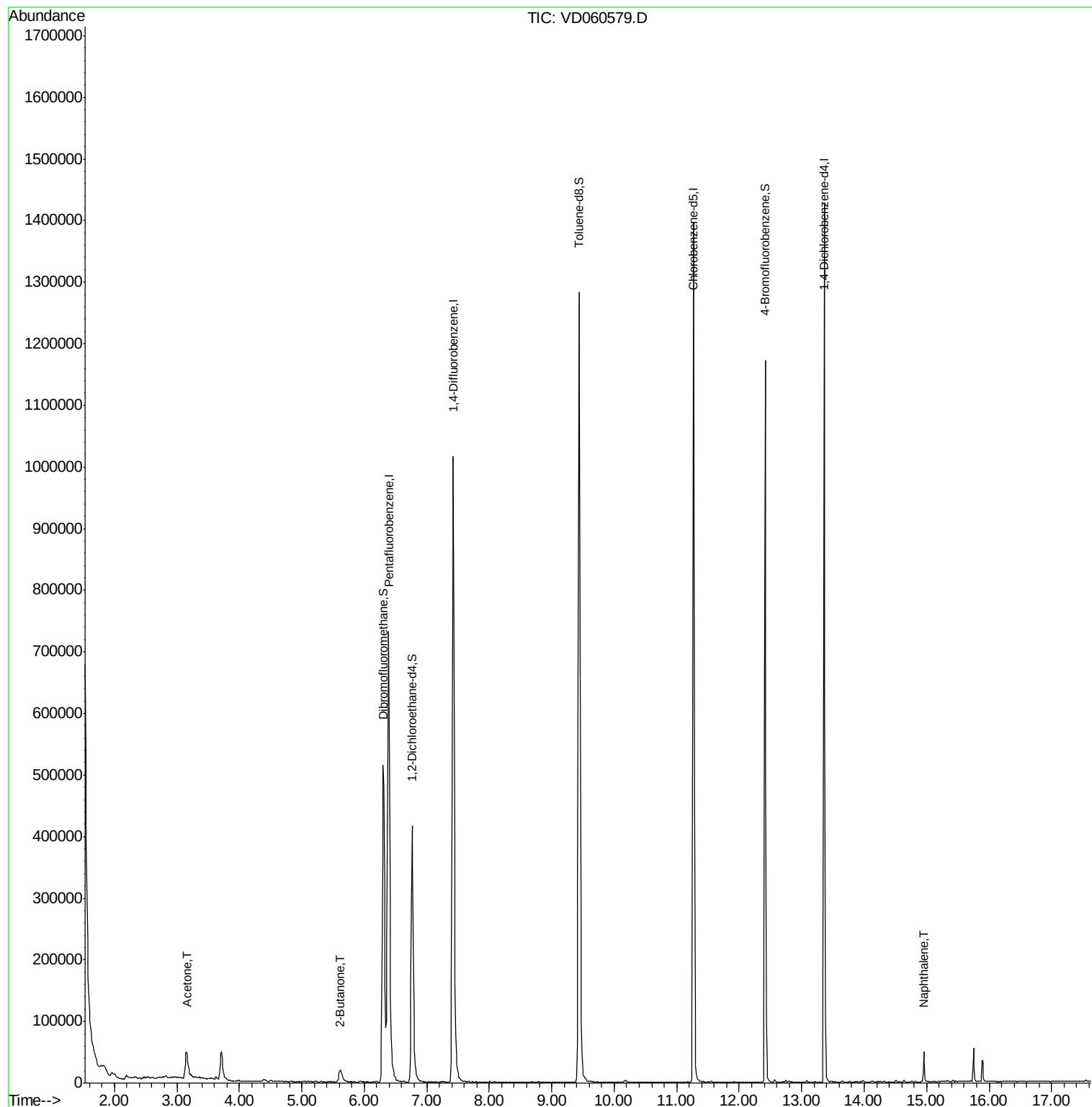
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	739219	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1055366	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	790655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	297171	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	347659	66.35	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	132.70%	
35) Dibromofluoromethane	6.30	113	416392	53.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	9.43	98	1042720	46.48	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	12.42	95	318168	39.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.28%	
Target Compounds						
16) Acetone	3.16	43	106500	126.807	ug/l	97
25) 2-Butanone	5.60	43	28453	17.220	ug/l #	92
95) Naphthalene	14.95	128	30970	4.072	ug/l #	95

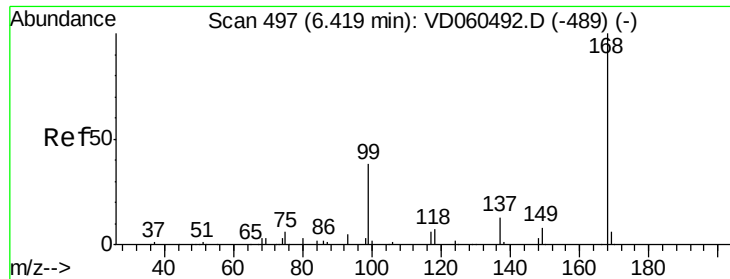
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.03 min

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MSVOA_D

ClientSampleId :

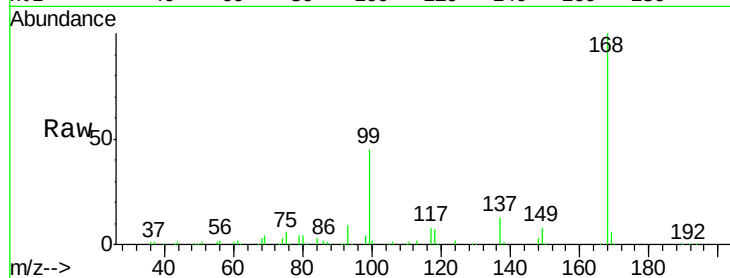
TP-5-A

Tgt Ion:168 Resp: 739219

Ion Ratio Lower Upper

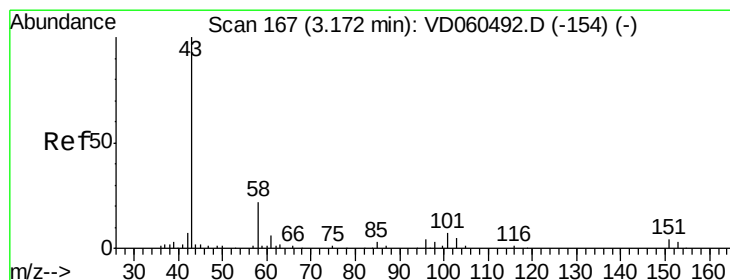
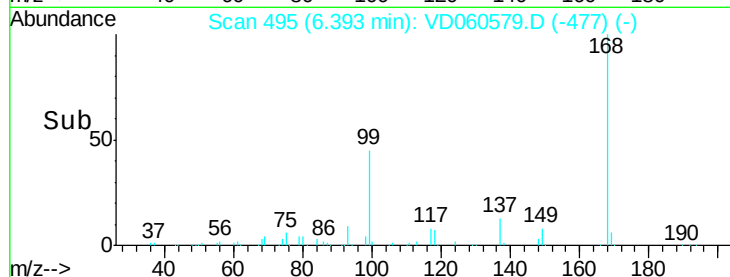
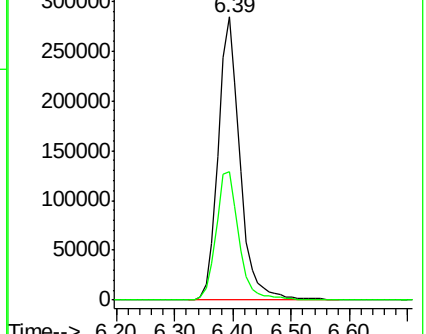
168 100

99 45.5 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: 126.807 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060579.D

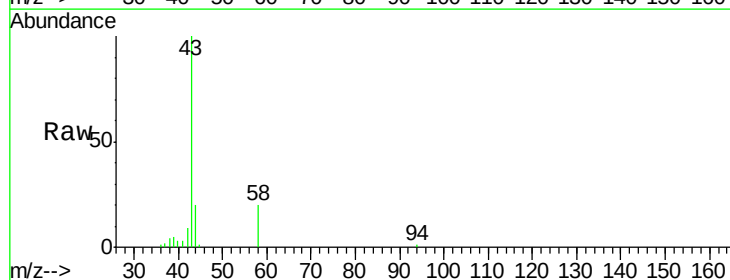
Acq: 14 Dec 2018 17:58

Tgt Ion: 43 Resp: 106500

Ion Ratio Lower Upper

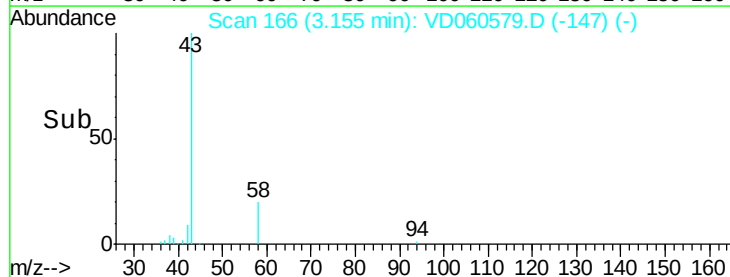
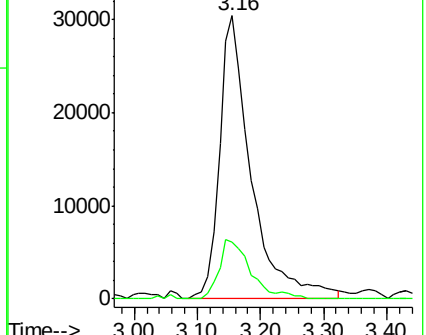
43 100

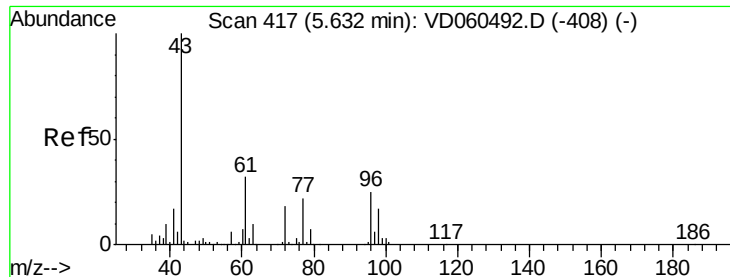
58 20.1 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 17.220 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.04 min

Lab File: VD060579.D

Acq: 14 Dec 2018 17:58

Instrument :

MSVOA_D

ClientSampleId :

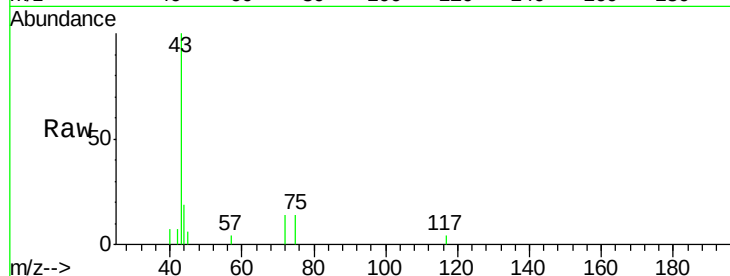
TP-5-A

Tgt Ion: 43 Resp: 28453

Ion Ratio Lower Upper

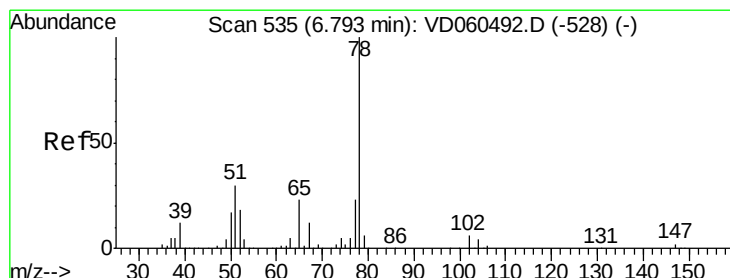
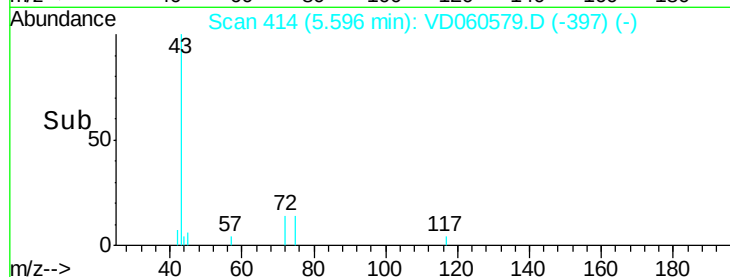
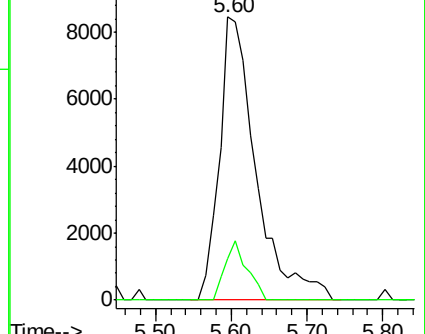
43 100

72 14.5 14.6 21.8#



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: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD060579.D

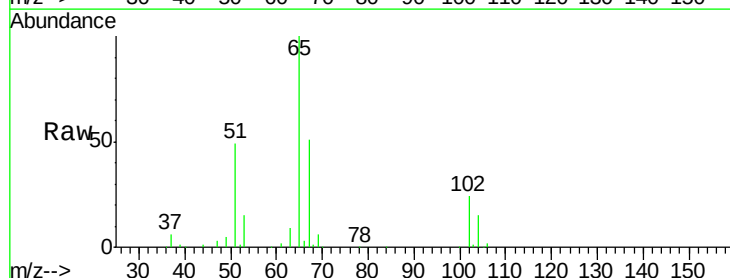
Acq: 14 Dec 2018 17:58

Tgt Ion: 65 Resp: 347659

Ion Ratio Lower Upper

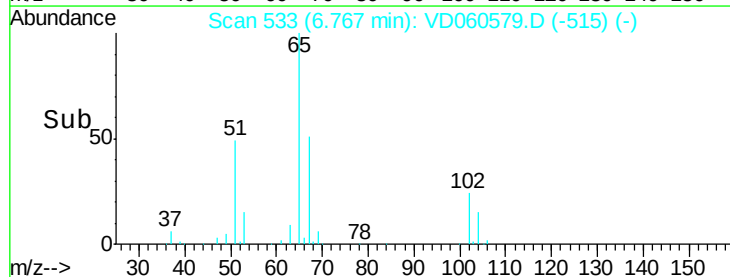
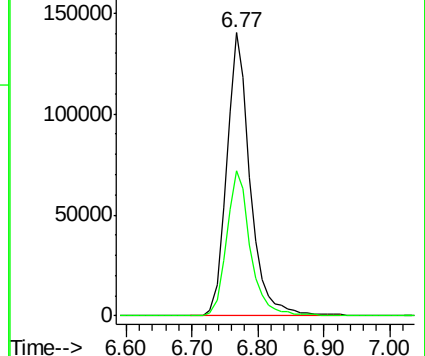
65 100

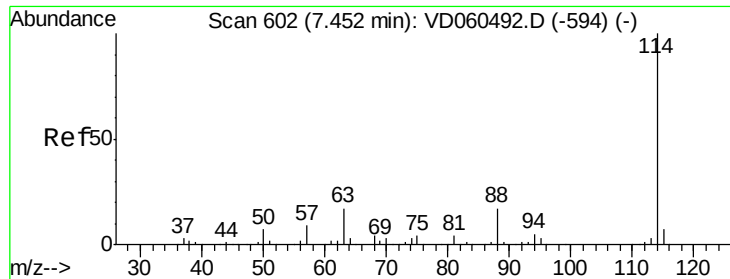
67 51.4 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

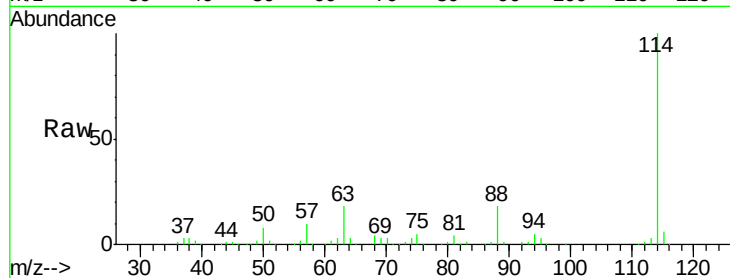




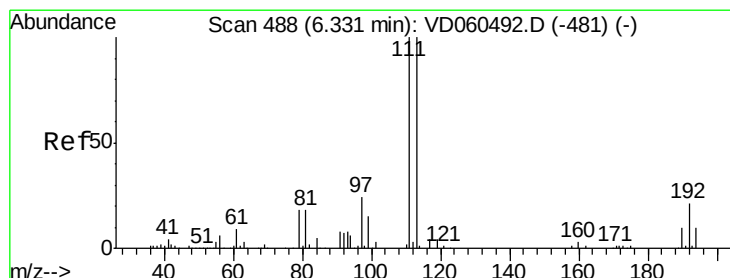
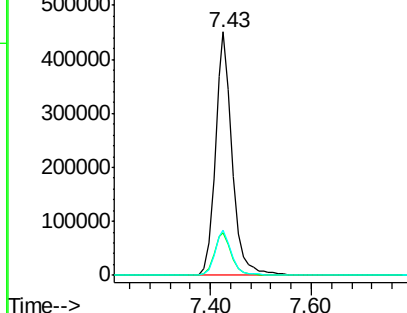
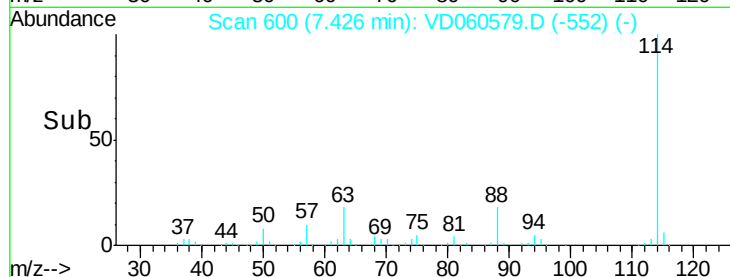
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: VD060579.D
 Acq: 14 Dec 2018 17:58

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-A

Tgt Ion:114 Resp: 1055366
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.2
 88 18.4 0.0 35.0

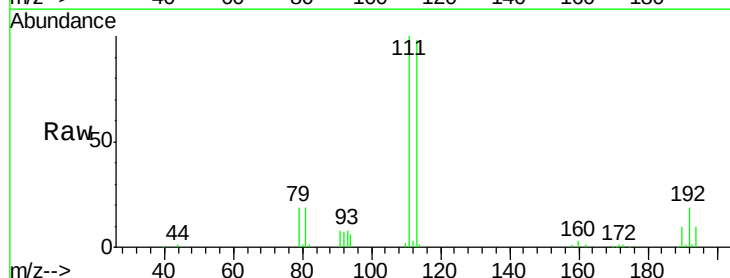


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

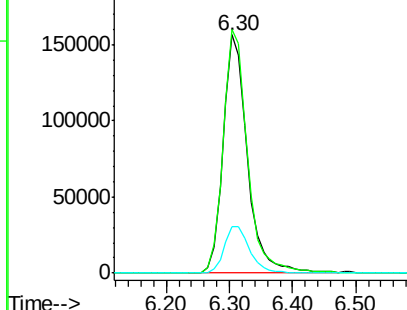
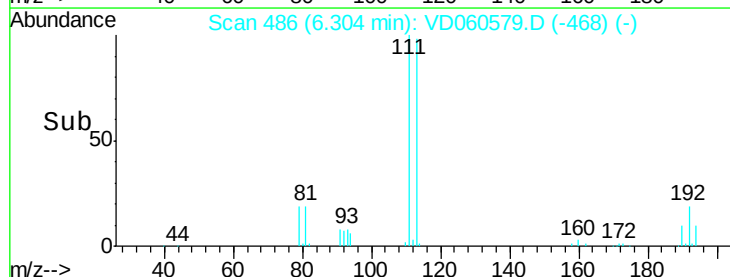


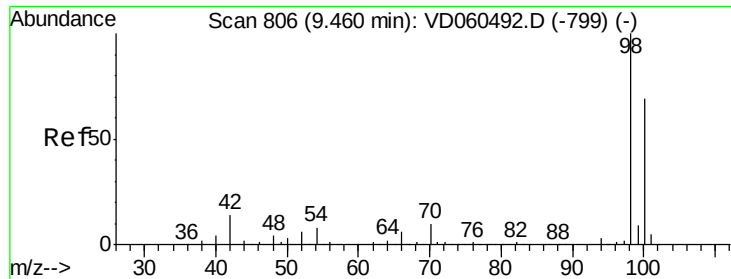
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: VD060579.D
 Acq: 14 Dec 2018 17:58

Tgt Ion:113 Resp: 416392
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.2 120.4
 192 19.6 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

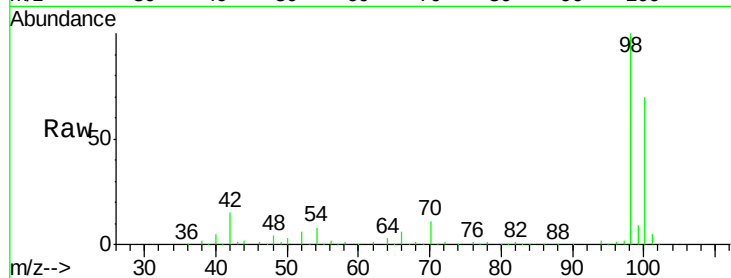




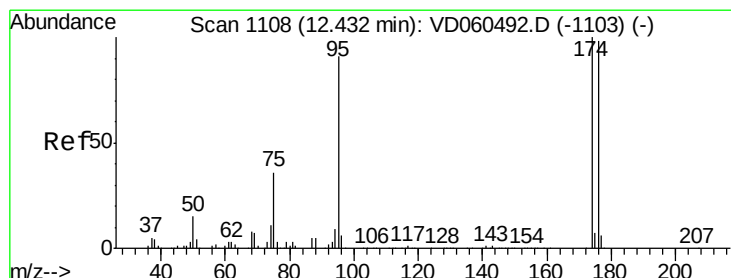
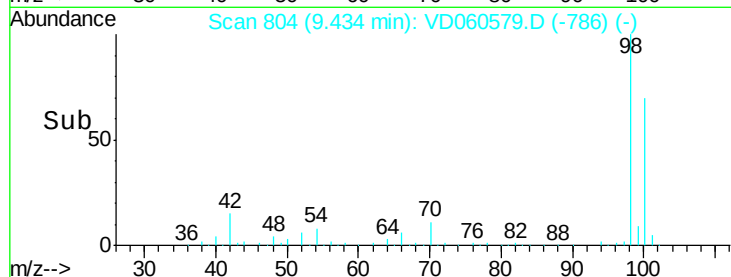
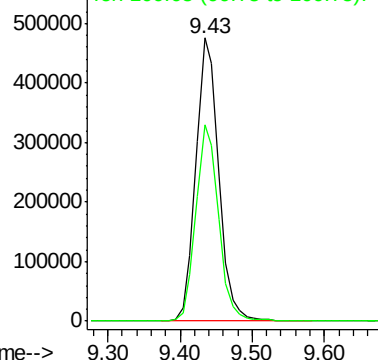
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060579.D
Acq: 14 Dec 2018 17:58

Instrument :
MSVOA_D
ClientSampleId :
TP-5-A

Tgt Ion: 98 Resp: 1042720
Ion Ratio Lower Upper
98 100
100 69.5 55.7 83.5

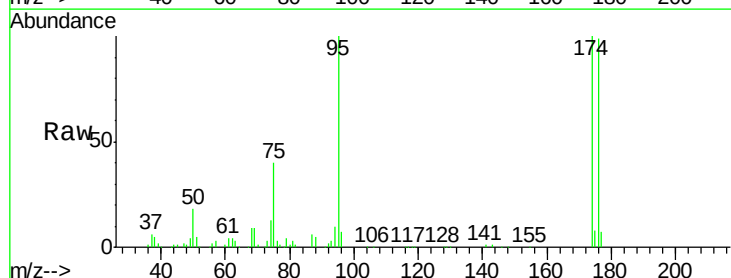


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

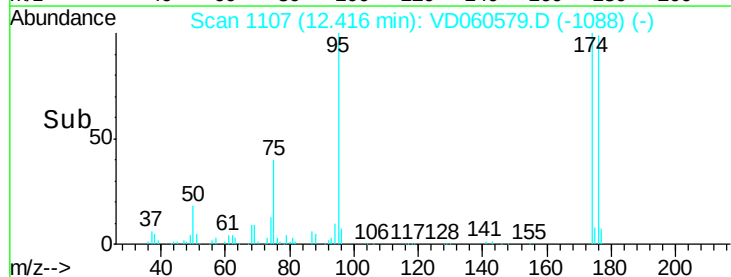
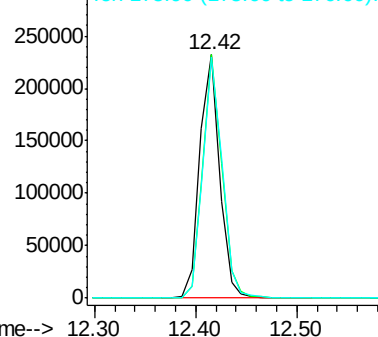


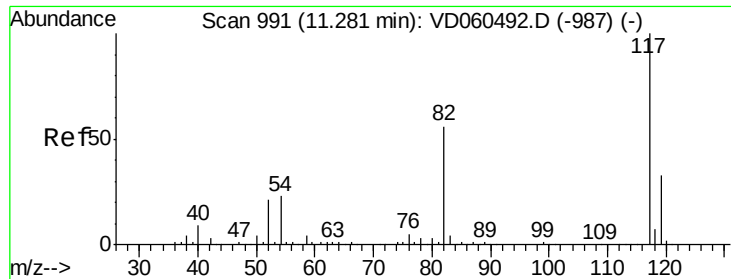
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060579.D
Acq: 14 Dec 2018 17:58

Tgt Ion: 95 Resp: 318168
Ion Ratio Lower Upper
95 100
174 100.1 0.0 219.4
176 99.3 0.0 214.6



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

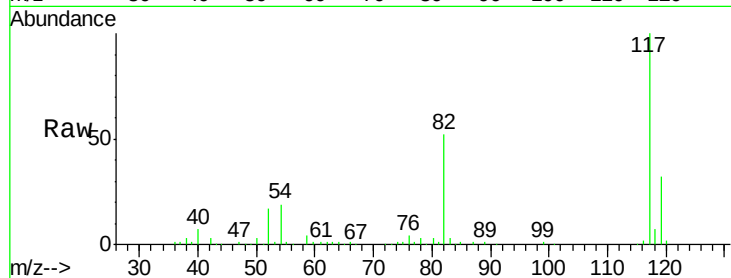




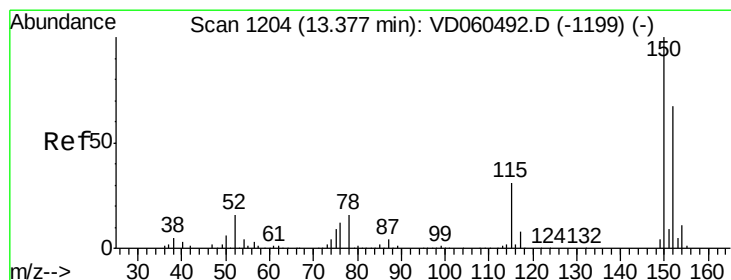
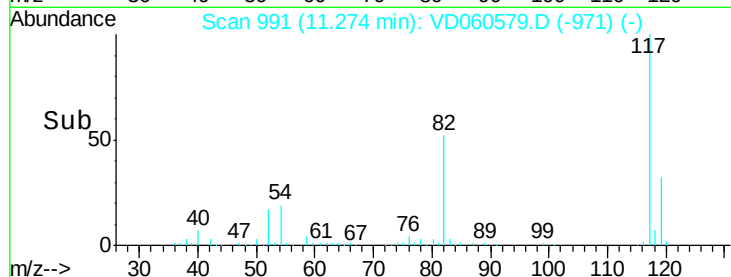
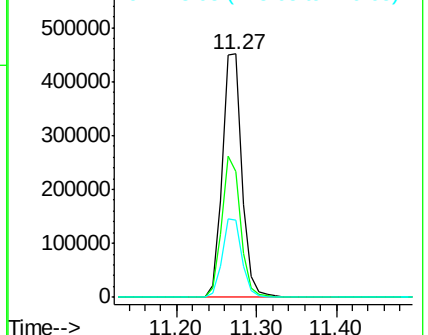
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060579.D
Acq: 14 Dec 2018 17:58

Instrument :
MSVOA_D
ClientSampleId :
TP-5-A

Tgt Ion:117 Resp: 790655
Ion Ratio Lower Upper
117 100
82 51.6 45.2 67.8
119 31.8 26.1 39.1

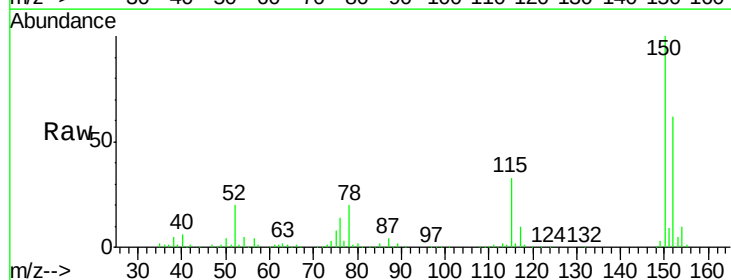


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

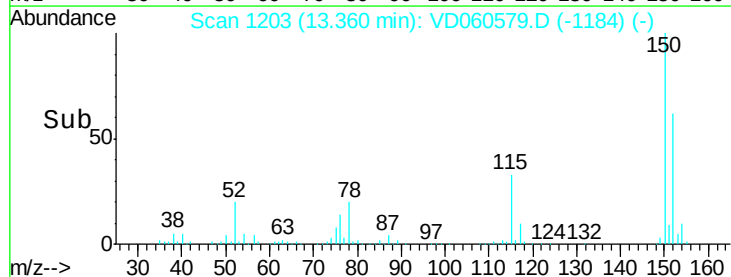
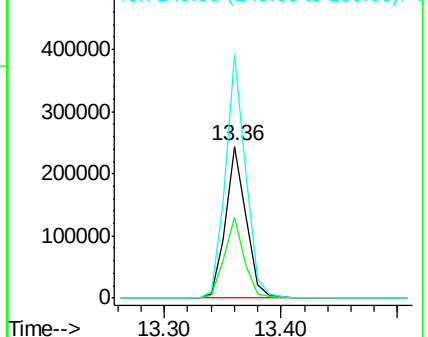


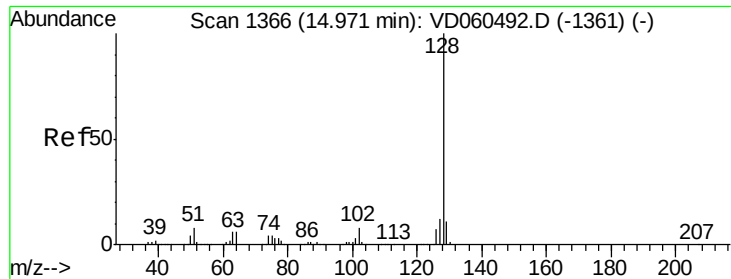
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060579.D
Acq: 14 Dec 2018 17:58

Tgt Ion:152 Resp: 297171
Ion Ratio Lower Upper
152 100
115 53.1 24.6 74.0
150 160.1 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





#95
 Naphthalene
 Concen: 4.072 ug/l
 RT: 14.95 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: VD060579.D
 Acq: 14 Dec 2018 17:58

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-A

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.3	9.8	14.8#
129	10.0	8.6	13.0

