

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060583.D
 Acq On : 14 Dec 2018 19:51
 Operator : VA/AP
 Sample : J6403-49
 Misc : 5.39g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-A

Quant Time: Dec 14 23:15:19 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

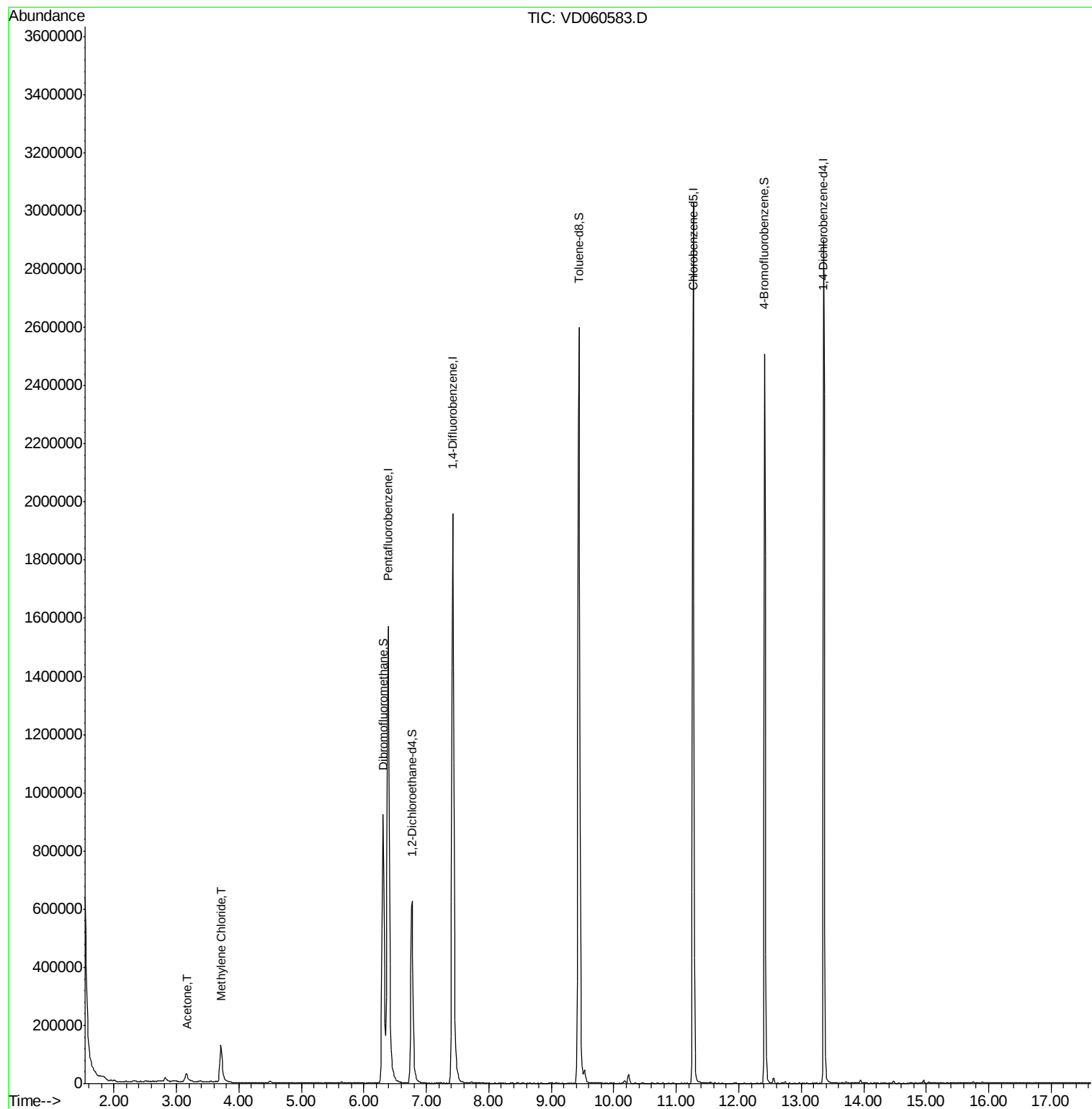
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1548192	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	2137752	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1634062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	705538	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	544065	49.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	6.31	113	754930	48.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	9.44	98	2126745	46.80	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.41	95	693207	42.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.28%	
Target Compounds						
16) Acetone	3.16	43	63113	35.881	ug/l	99
20) Methylene Chloride	3.71	84	89970	1.206	ug/l	98

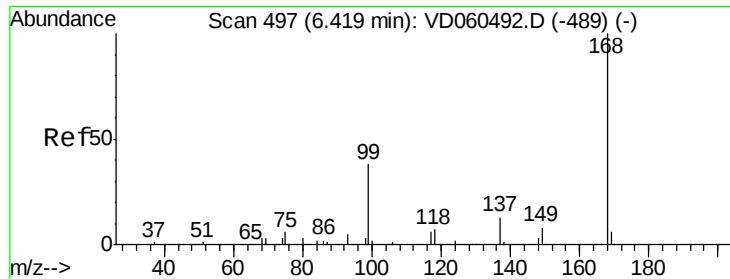
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.03 min

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Instrument :

MSVOA_D

ClientSampleId :

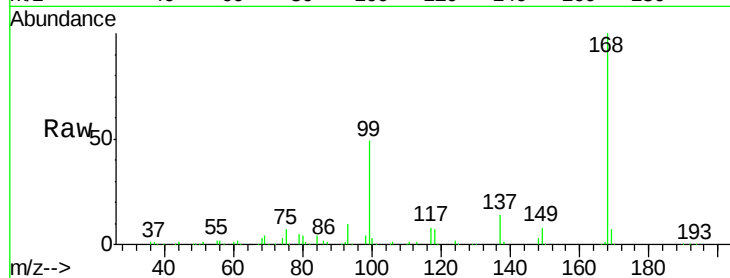
TP-7-A

Tgt Ion:168 Resp: 1548192

Ion Ratio Lower Upper

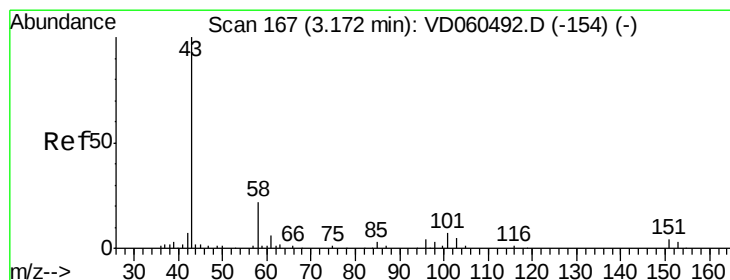
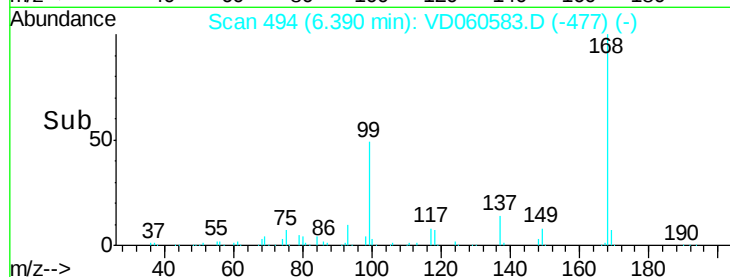
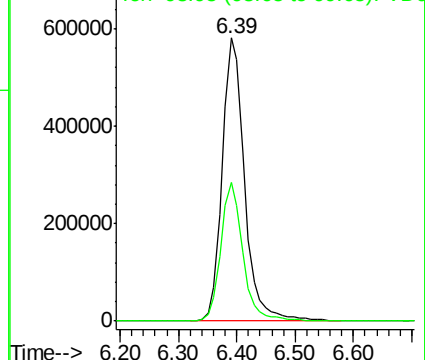
168 100

99 49.0 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: 35.881 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060583.D

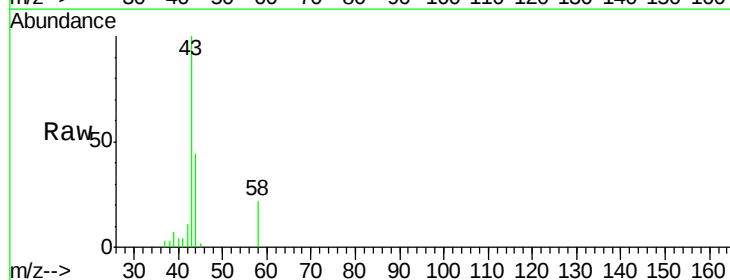
Acq: 14 Dec 2018 19:51

Tgt Ion: 43 Resp: 63113

Ion Ratio Lower Upper

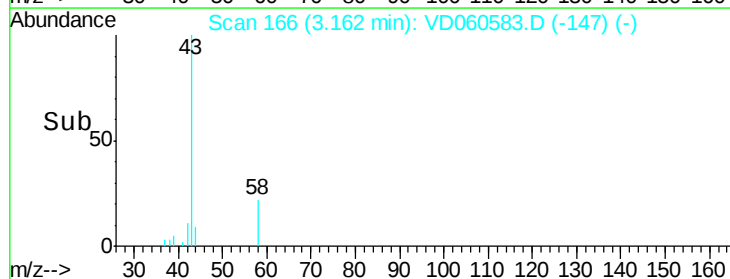
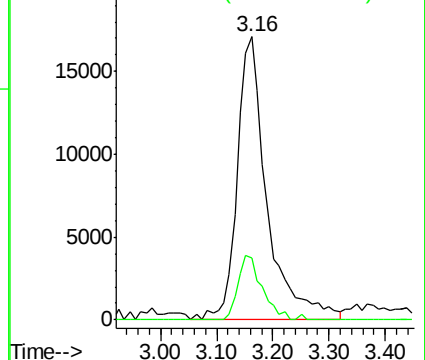
43 100

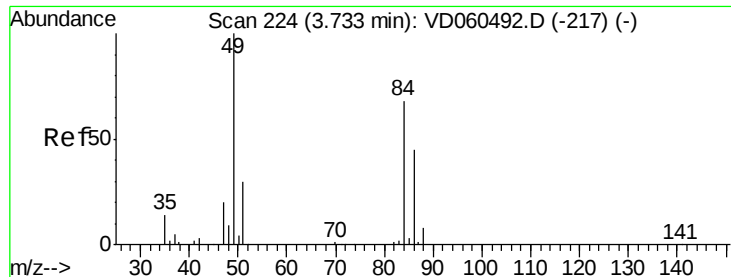
58 21.9 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

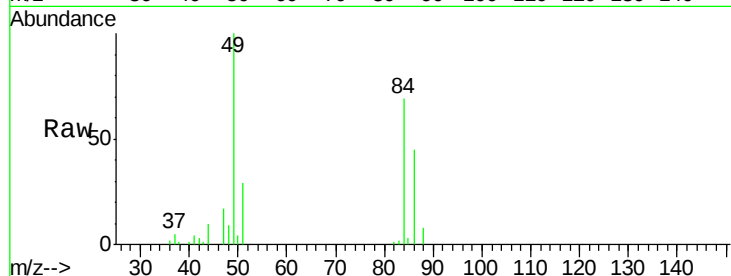




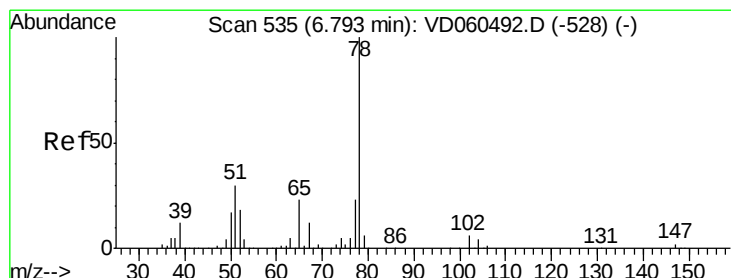
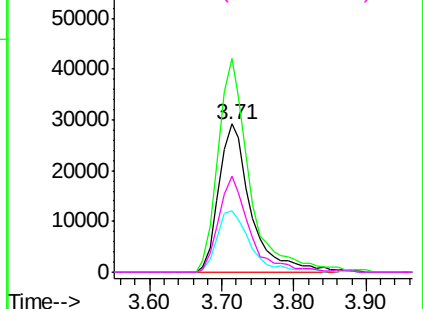
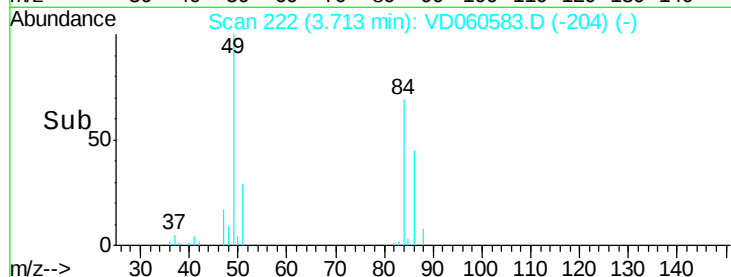
#20
Methylene Chloride
Concen: 1.206 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060583.D
Acq: 14 Dec 2018 19:51

Instrument :
MSVOA_D
ClientSampleId :
TP-7-A

Tgt Ion: 84 Resp: 89970
Ion Ratio Lower Upper
84 100
49 143.9 117.2 175.8
51 41.5 35.3 52.9
86 64.9 53.2 79.8

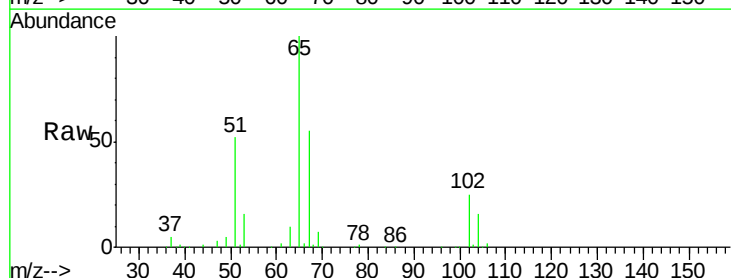


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

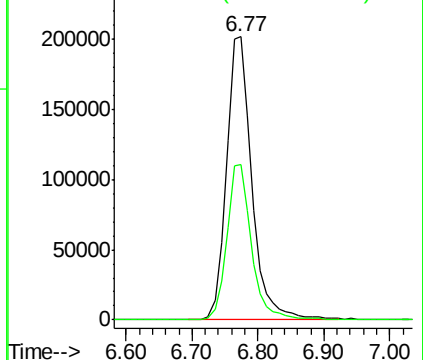
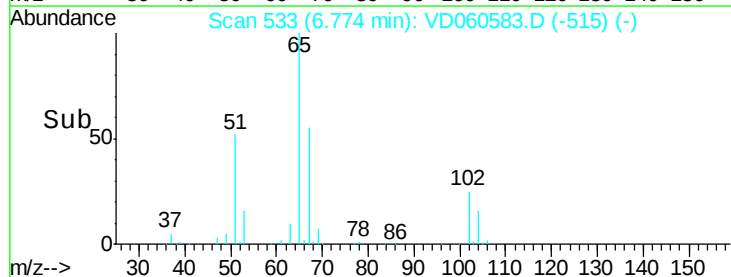


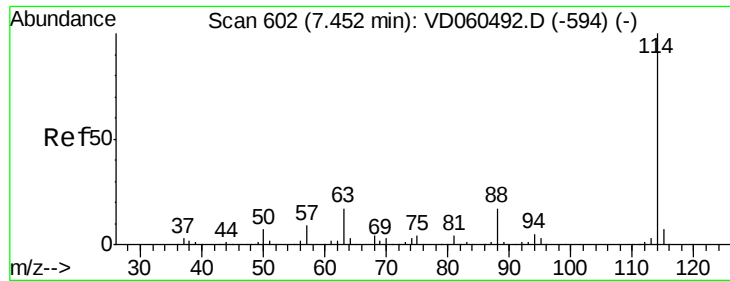
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.02 min
Lab File: VD060583.D
Acq: 14 Dec 2018 19:51

Tgt Ion: 65 Resp: 544065
Ion Ratio Lower Upper
65 100
67 55.0 0.0 106.8



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

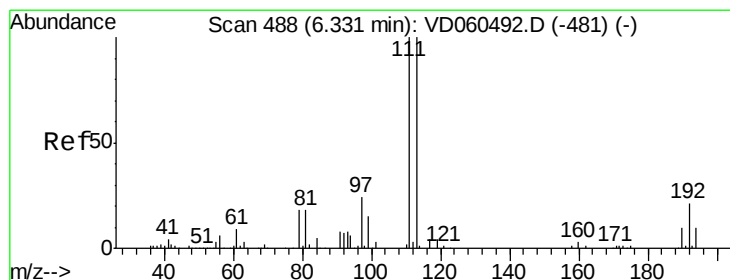
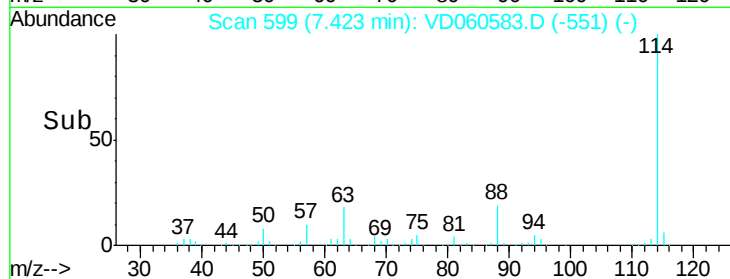
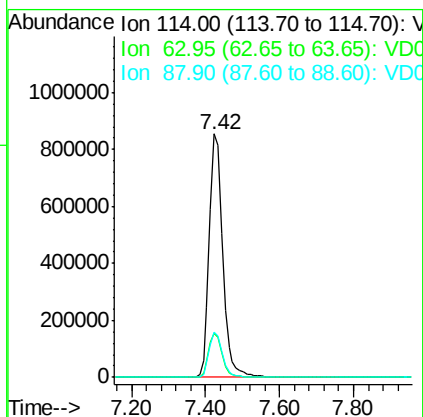
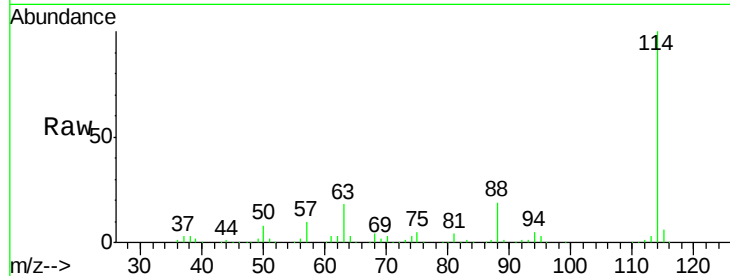




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: VD060583.D
 Acq: 14 Dec 2018 19:51

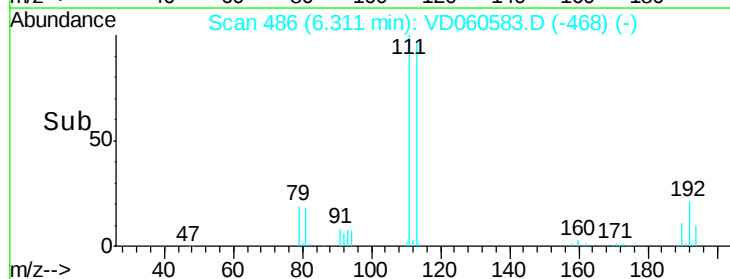
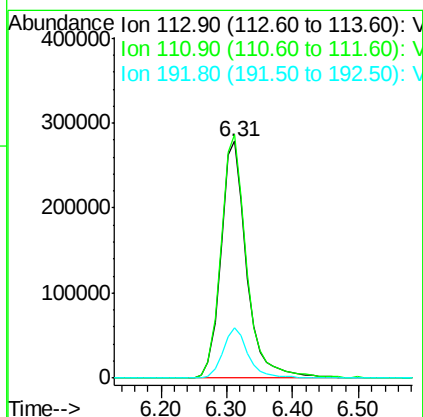
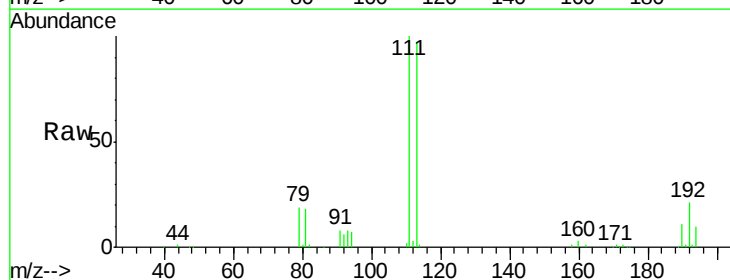
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-7-A

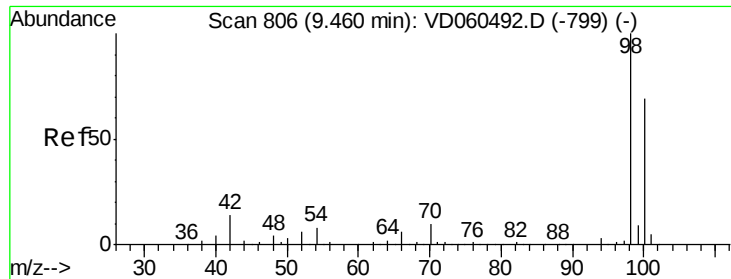
Tgt Ion:114 Resp: 2137752
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.2
 88 18.7 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: VD060583.D
 Acq: 14 Dec 2018 19:51

Tgt Ion:113 Resp: 754930
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.2 120.4
 192 21.1 16.6 24.8

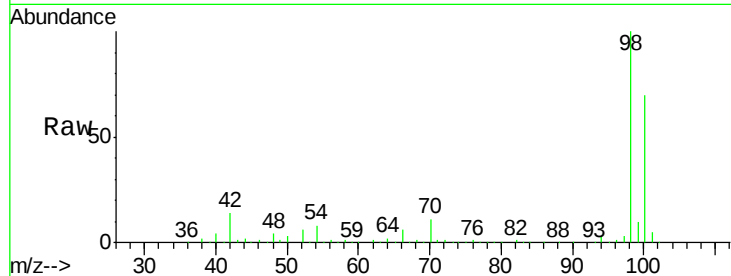




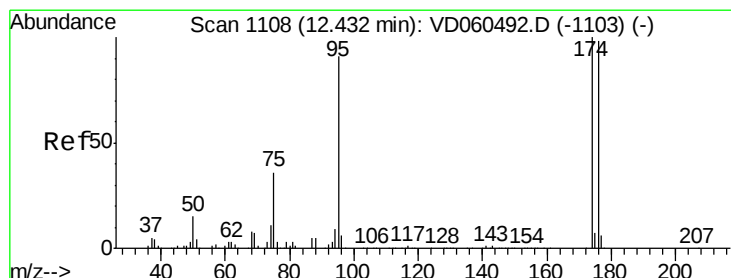
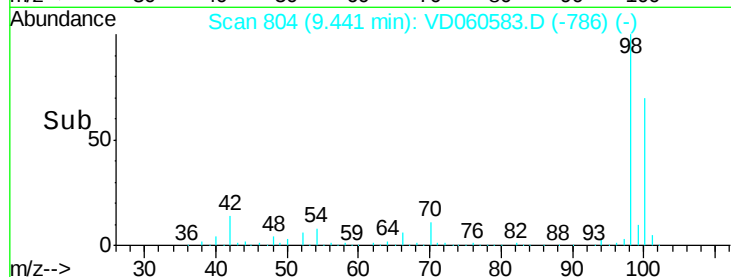
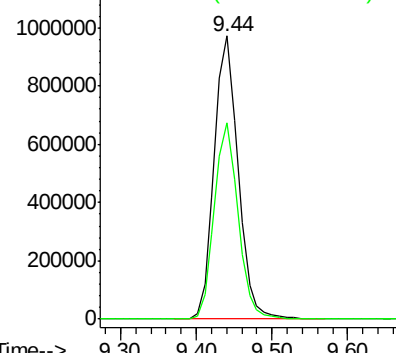
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060583.D
Acq: 14 Dec 2018 19:51

Instrument :
MSVOA_D
ClientSampleId :
TP-7-A

Tgt Ion: 98 Resp: 2126745
Ion Ratio Lower Upper
98 100
100 69.5 55.7 83.5

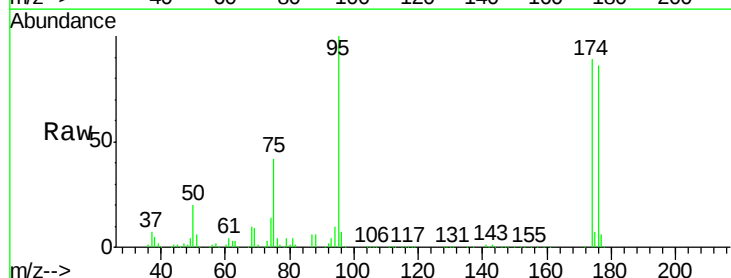


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

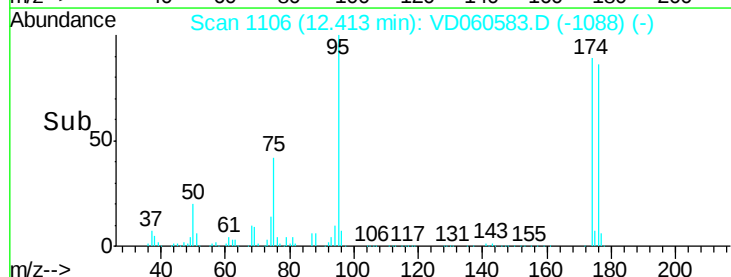
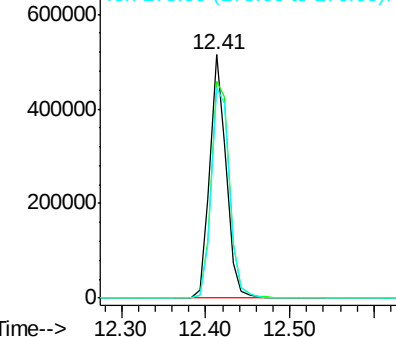


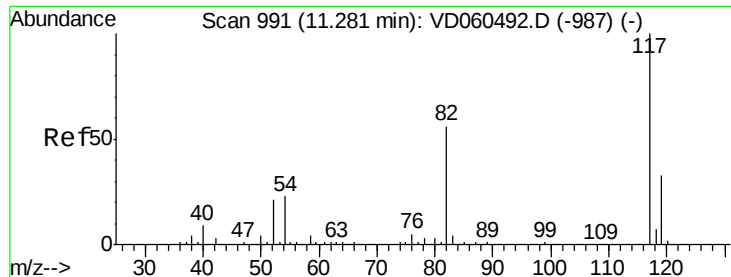
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.02 min
Lab File: VD060583.D
Acq: 14 Dec 2018 19:51

Tgt Ion: 95 Resp: 693207
Ion Ratio Lower Upper
95 100
174 89.2 0.0 219.4
176 86.4 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

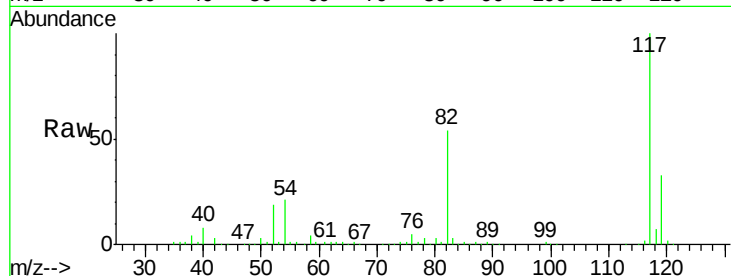




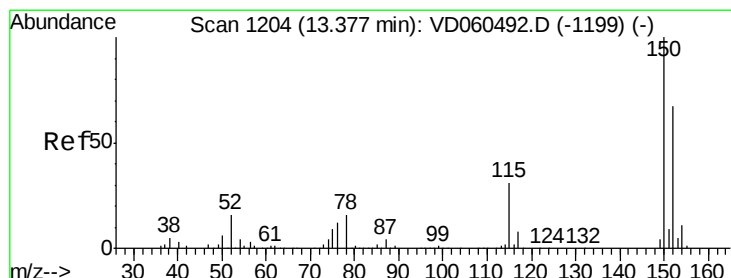
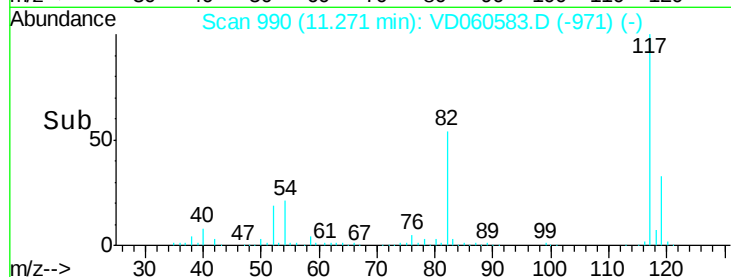
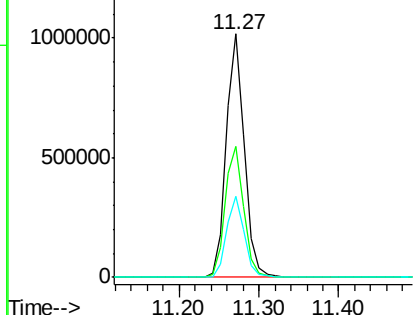
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.01 min
Lab File: VD060583.D
Acq: 14 Dec 2018 19:51

Instrument :
MSVOA_D
ClientSampleId :
TP-7-A

Tgt Ion:117 Resp: 1634062
Ion Ratio Lower Upper
117 100
82 53.9 45.2 67.8
119 33.2 26.1 39.1

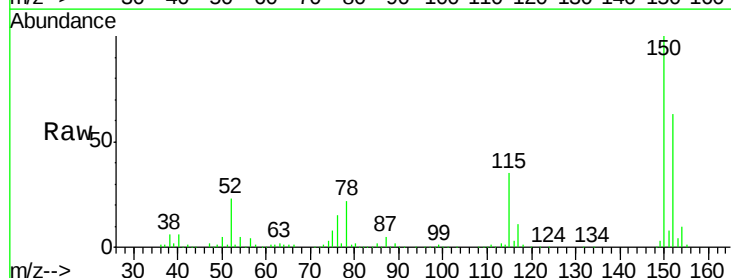


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.02 min
Lab File: VD060583.D
Acq: 14 Dec 2018 19:51

Tgt Ion:152 Resp: 705538
Ion Ratio Lower Upper
152 100
115 55.6 24.6 74.0
150 159.2 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

