

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060581.D
 Acq On : 14 Dec 2018 18:54
 Operator : VA/AP
 Sample : J6403-41
 Misc : 5.36g/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6-A

Quant Time: Dec 14 23:12:26 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

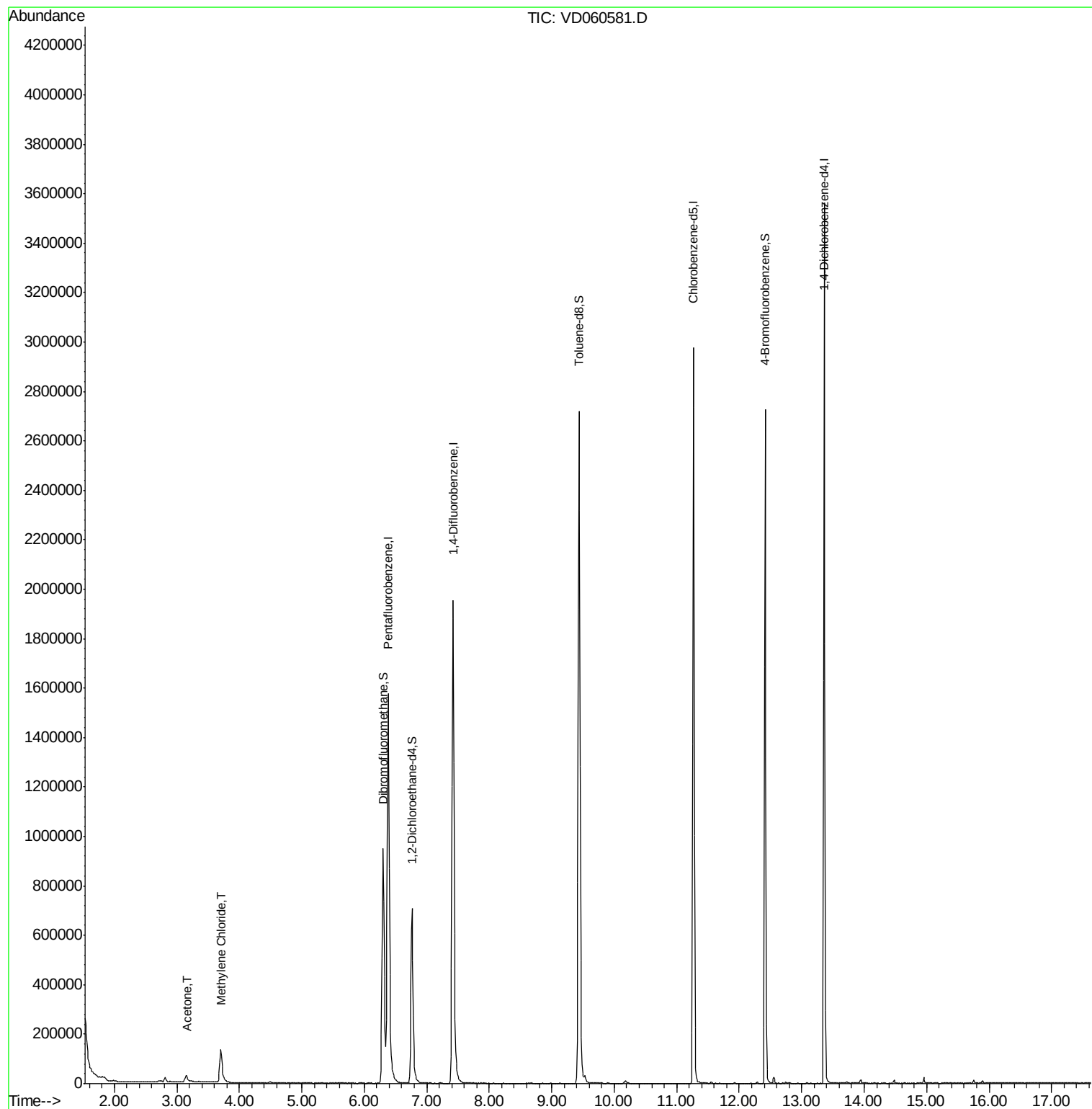
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1528463	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.43	114	2136821	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	1715138	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	769315	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	582027	53.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	107.44%	
35) Dibromofluoromethane	6.30	113	763129	48.62	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	9.43	98	2211246	48.69	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.42	95	747693	46.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
16) Acetone	3.15	43	60067	34.590	ug/l	97
20) Methylene Chloride	3.71	84	90644	1.331	ug/l	97

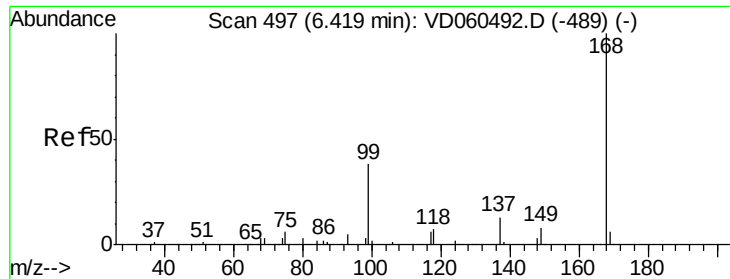
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060581.D

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MSVOA_D

ClientSampleId :

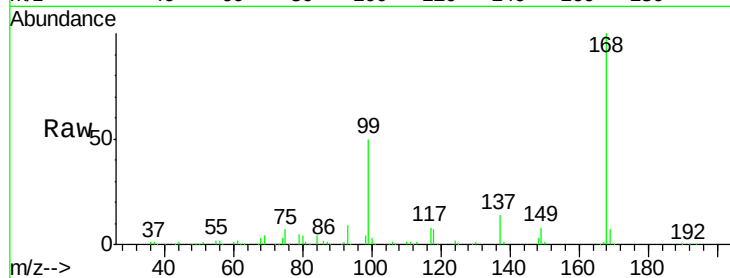
TP-6-A

Tgt Ion:168 Resp: 1528463

Ion Ratio Lower Upper

168 100

99 50.0 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

600000

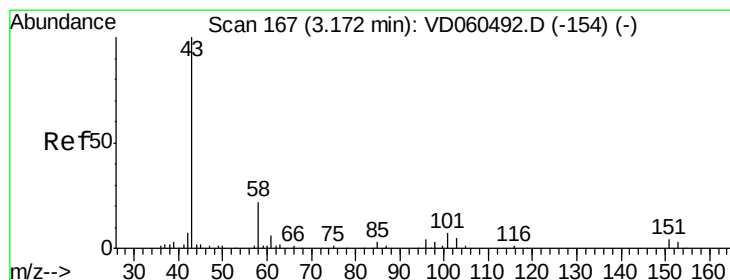
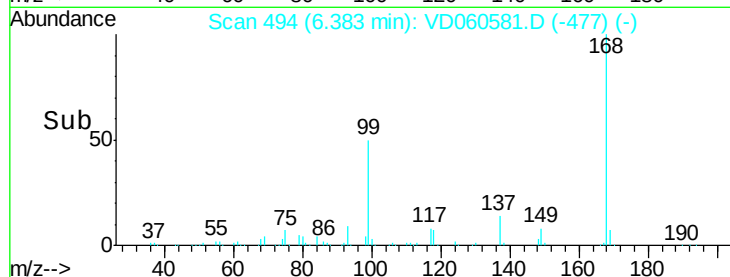
400000

200000

0

Time-->

6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 34.590 ug/l

RT: 3.15 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060581.D

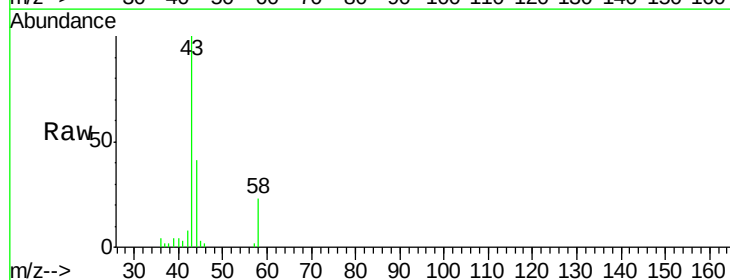
Acq: 14 Dec 2018 18:54

Tgt Ion: 43 Resp: 60067

Ion Ratio Lower Upper

43 100

58 23.0 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

20000

15000

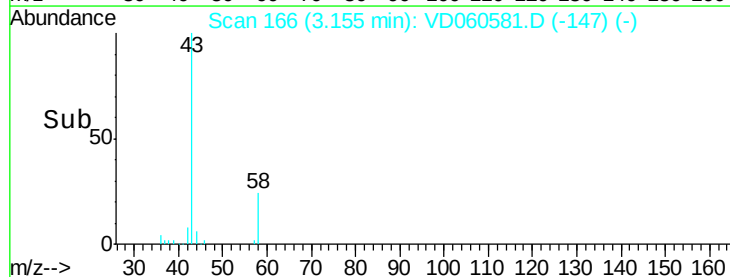
10000

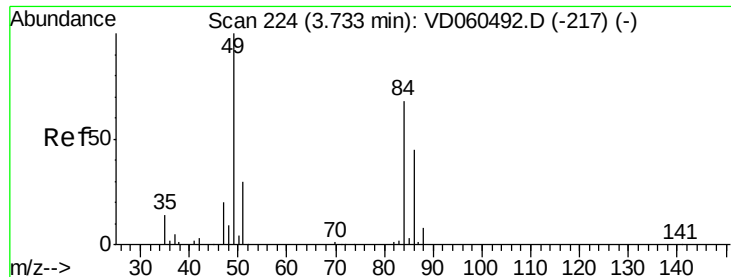
5000

0

Time-->

3.00 3.10 3.20 3.30 3.40

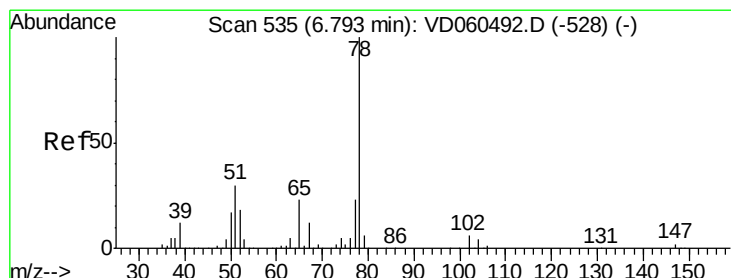
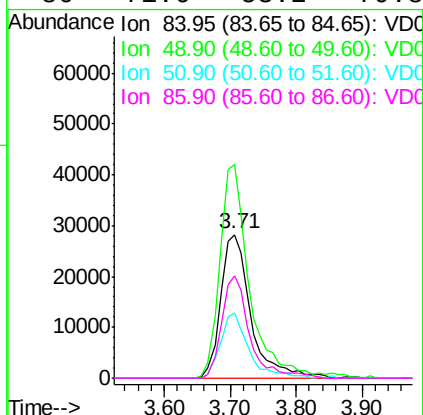
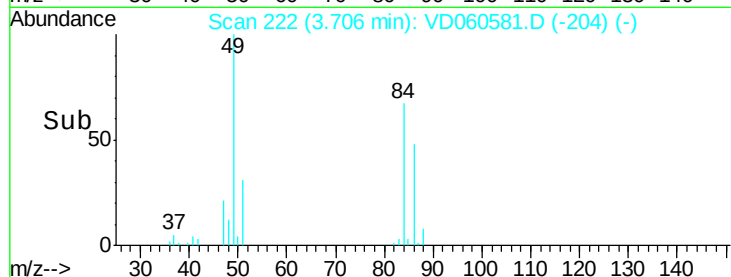
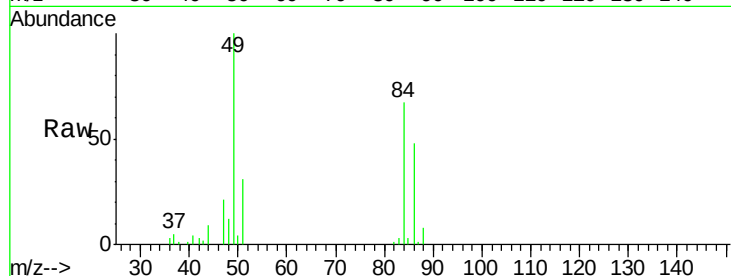




#20
Methylene Chloride
Concen: 1.331 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.03 min
Lab File: VD060581.D
Acq: 14 Dec 2018 18:54

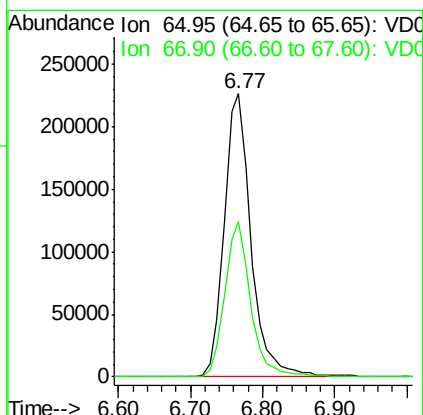
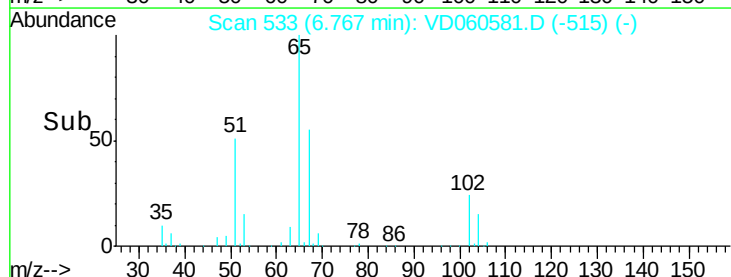
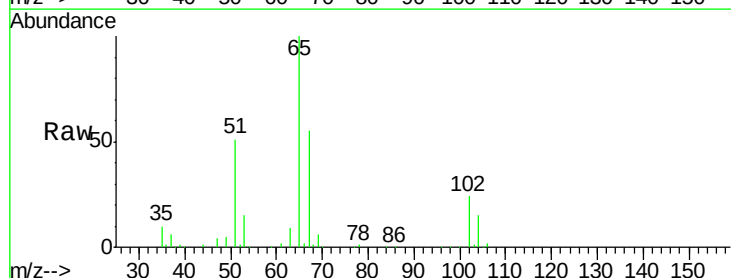
Instrument :
MSVOA_D
ClientSampleId :
TP-6-A

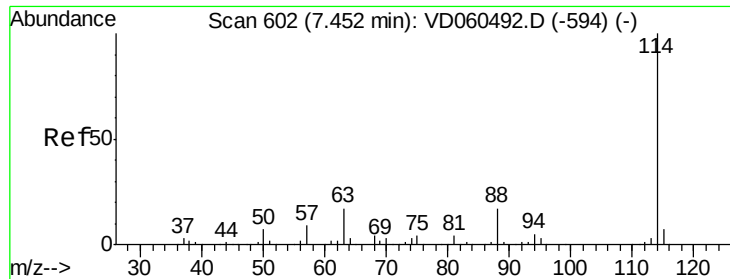
Tgt Ion: 84 Resp: 90644
Ion Ratio Lower Upper
84 100
49 148.8 117.2 175.8
51 45.6 35.3 52.9
86 71.6 53.2 79.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.03 min
Lab File: VD060581.D
Acq: 14 Dec 2018 18:54

Tgt Ion: 65 Resp: 582027
Ion Ratio Lower Upper
65 100
67 54.8 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. -0.03 min

Lab File: VD060581.D

Acq: 14 Dec 2018 18:54

Instrument :

MSVOA_D

ClientSampleId :

TP-6-A

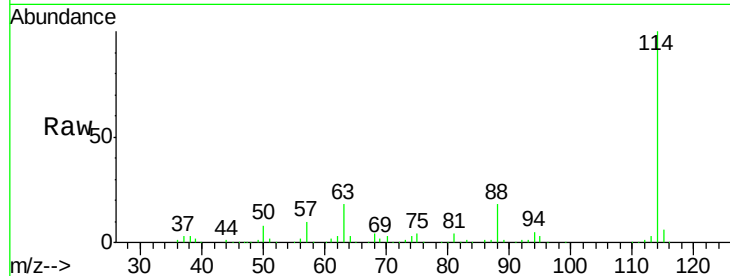
Tgt Ion:114 Resp: 2136821

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.2

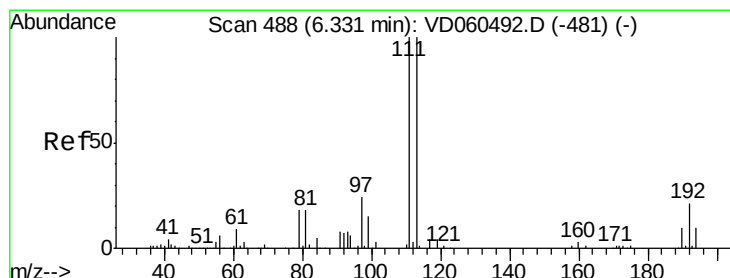
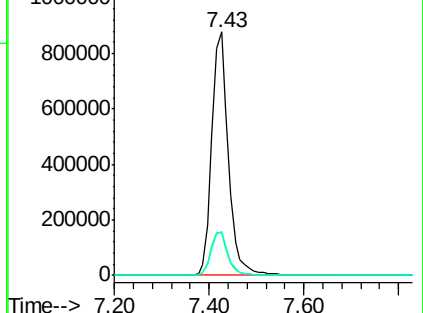
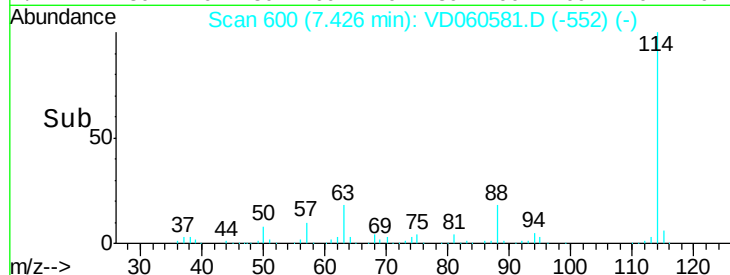
88 17.8 0.0 35.0



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: VD060581.D

Acq: 14 Dec 2018 18:54

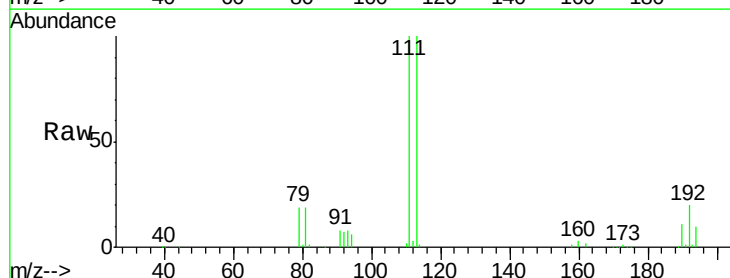
Tgt Ion:113 Resp: 763129

Ion Ratio Lower Upper

113 100

111 99.8 80.2 120.4

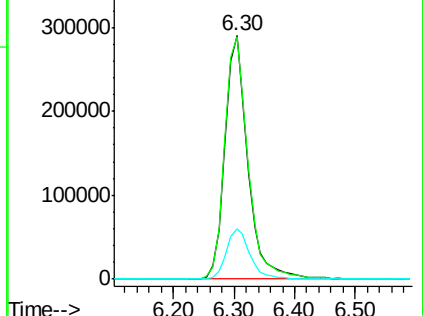
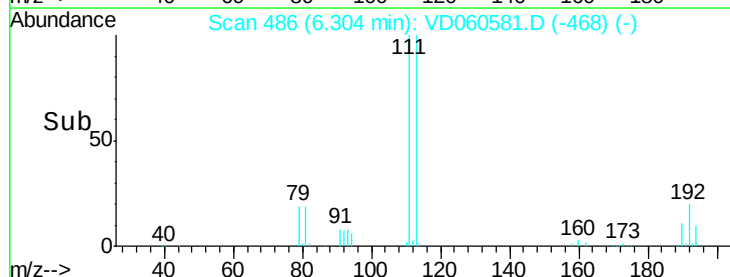
192 20.5 16.6 24.8

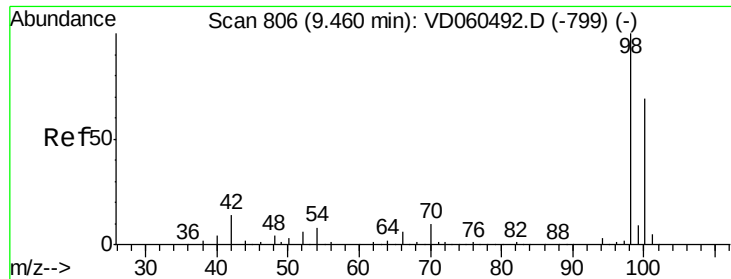


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

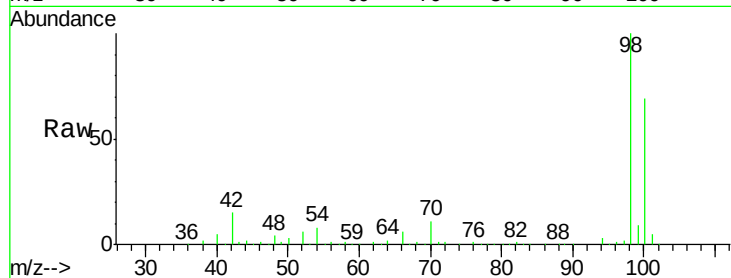




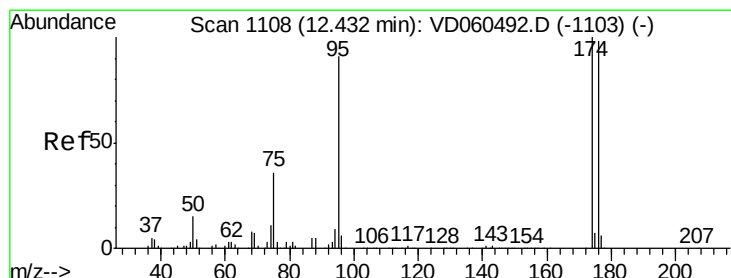
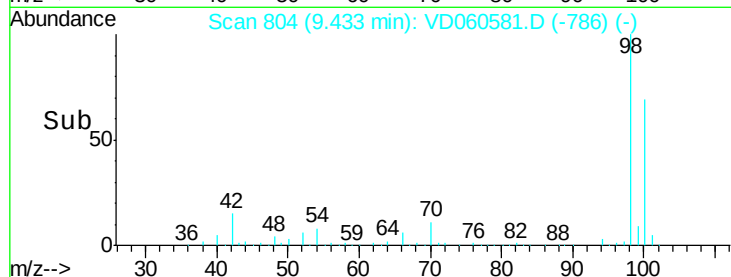
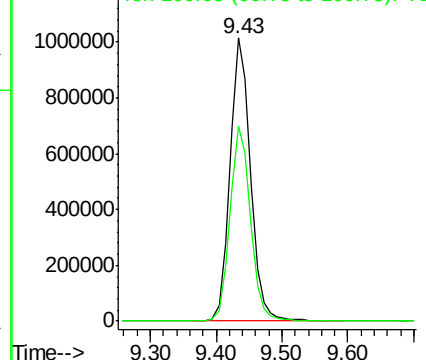
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060581.D
Acq: 14 Dec 2018 18:54

Instrument :
MSVOA_D
ClientSampled :
TP-6-A

Tgt Ion: 98 Resp: 2211246
Ion Ratio Lower Upper
98 100
100 68.7 55.7 83.5

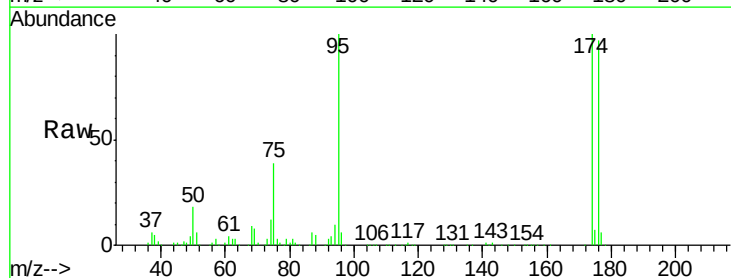


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

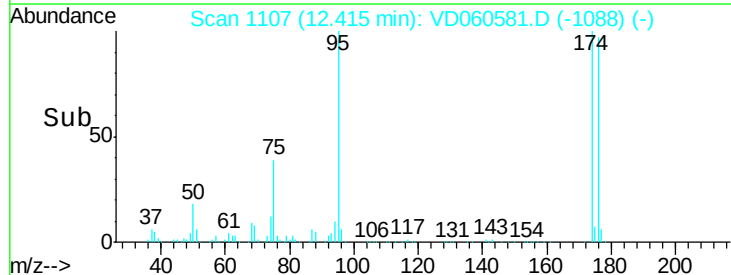
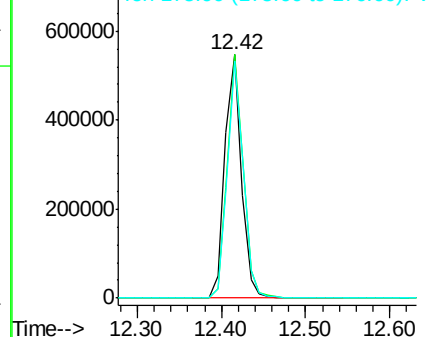


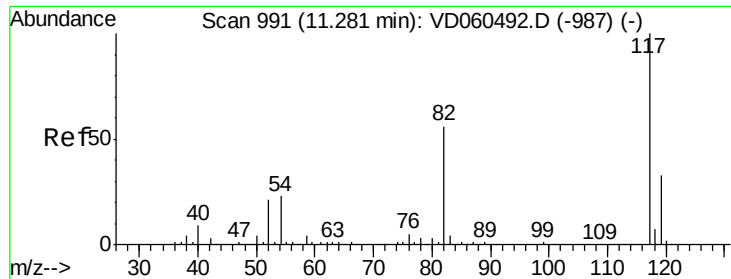
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060581.D
Acq: 14 Dec 2018 18:54

Tgt Ion: 95 Resp: 747693
Ion Ratio Lower Upper
95 100
174 100.2 0.0 219.4
176 97.5 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

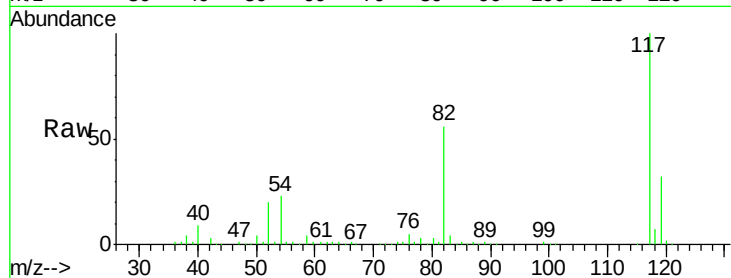




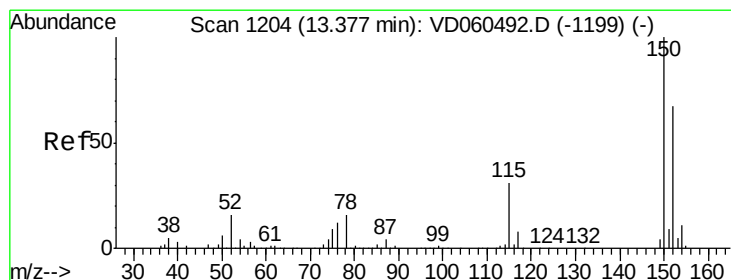
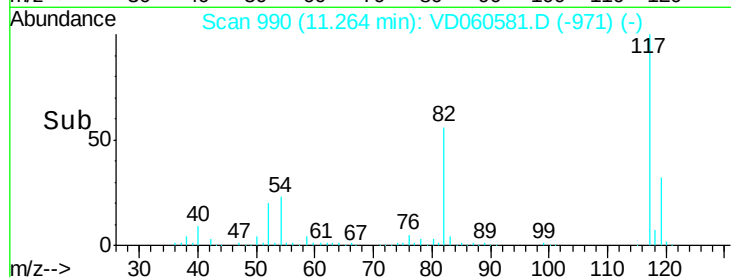
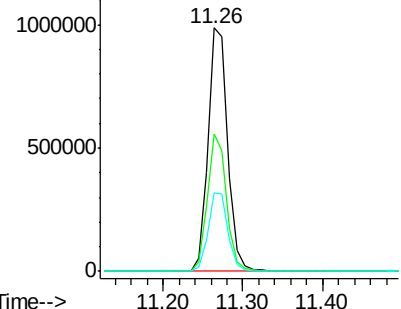
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.02 min
Lab File: VD060581.D
Acq: 14 Dec 2018 18:54

Instrument :
MSVOA_D
ClientSampleId :
TP-6-A

Tgt Ion:117 Resp: 1715138
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 32.2 26.1 39.1

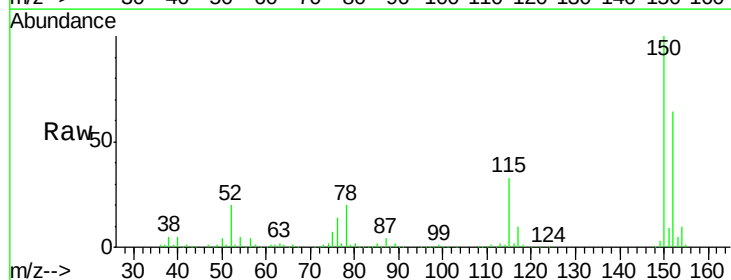


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060581.D
Acq: 14 Dec 2018 18:54

Tgt Ion:152 Resp: 769315
Ion Ratio Lower Upper
152 100
115 52.2 24.6 74.0
150 156.3 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

