

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060595.D
 Acq On : 17 Dec 2018 13:13
 Operator : VA/AP
 Sample : J6429-01
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

Quant Time: Dec 18 13:06:01 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	6.43	168	1643476	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.47	114	2275412	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.30	117	1823228	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	915789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	599030	51.42	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	6.35	113	812918	48.64	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	9.47	98	2385147	49.32	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.43	95	844639	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

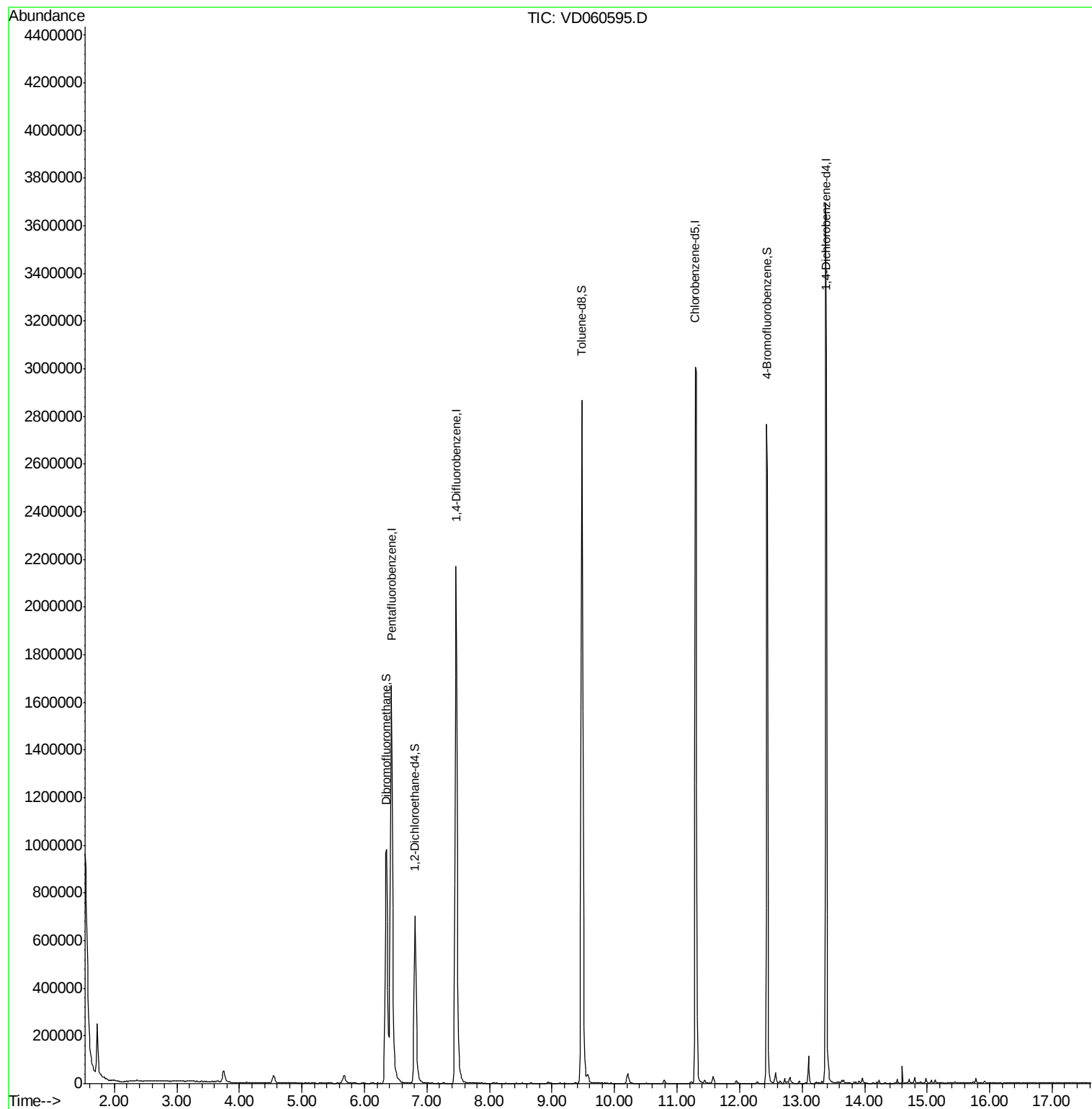
Target Compounds	Qvalue

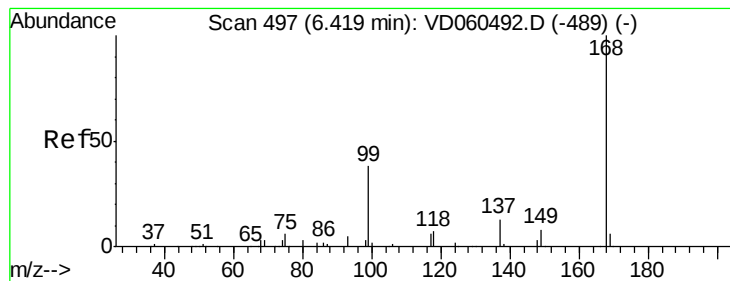
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.43 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD060595.D

Acq: 17 Dec 2018 13:13

Instrument :

MSVOA_D

ClientSampleId :

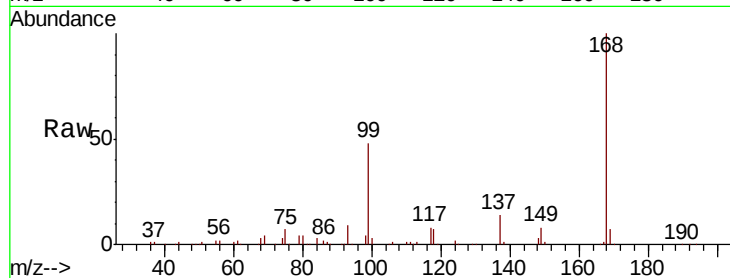
OILY-STONES

Tot Ion:168 Resp: 1643476

Ion Ratio Lower Upper

168 100

99 47.9 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.43

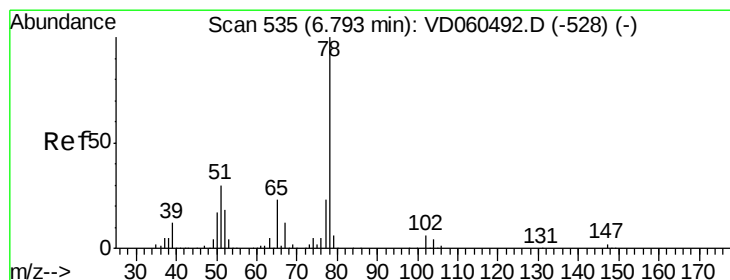
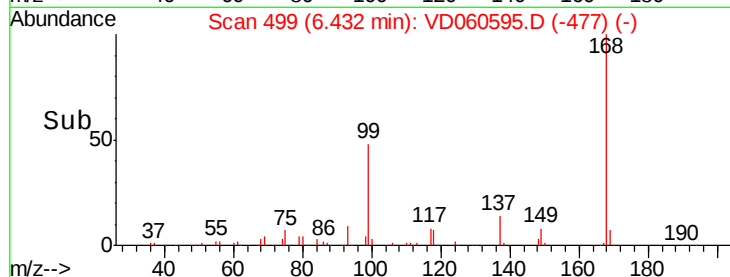
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD060595.D

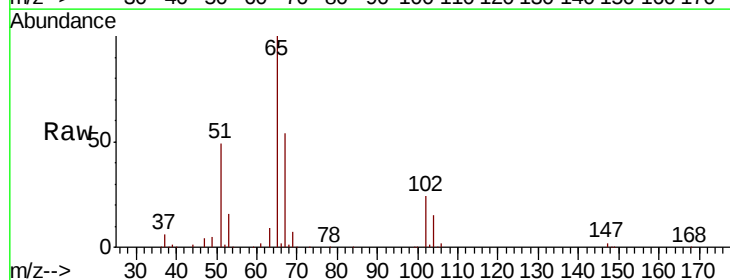
Acq: 17 Dec 2018 13:13

Tgt Ion: 65 Resp: 599030

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.81

250000

200000

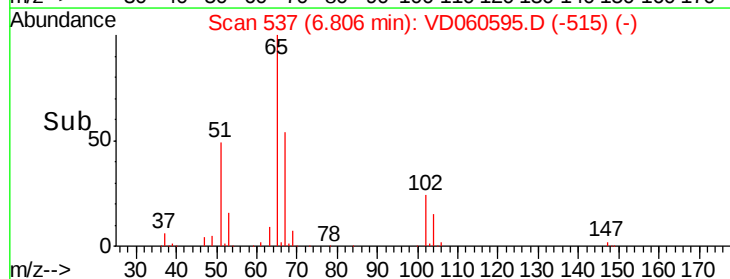
150000

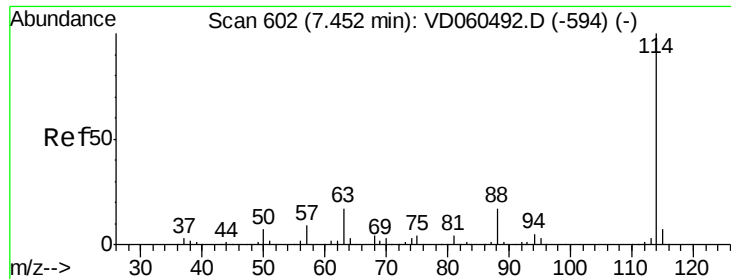
100000

50000

0

Time-->

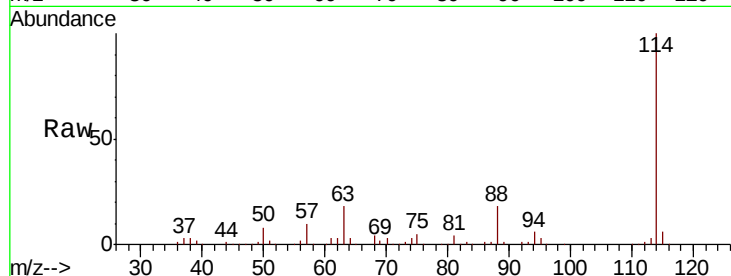




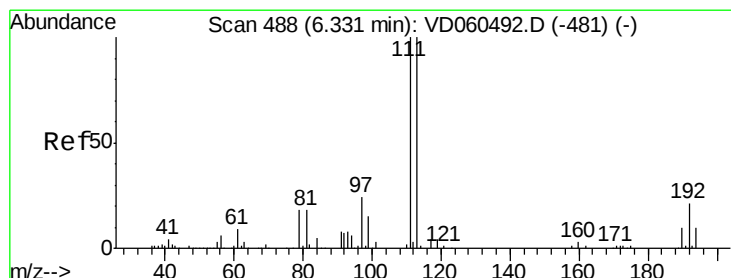
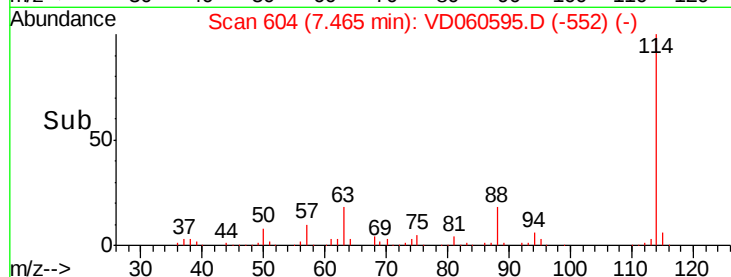
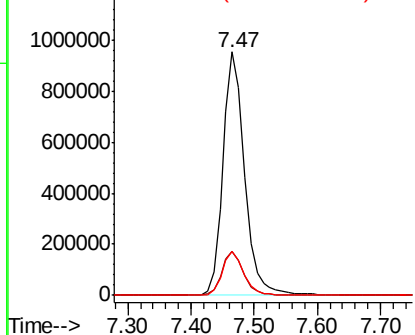
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD060595.D
 Acq: 17 Dec 2018 13:13

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

Tot Ion:114 Resp: 2275412
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.2
 88 18.1 0.0 35.0

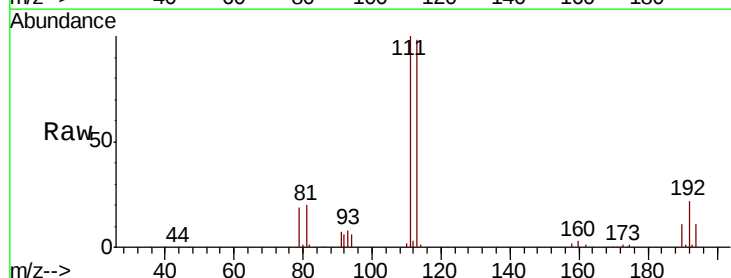


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

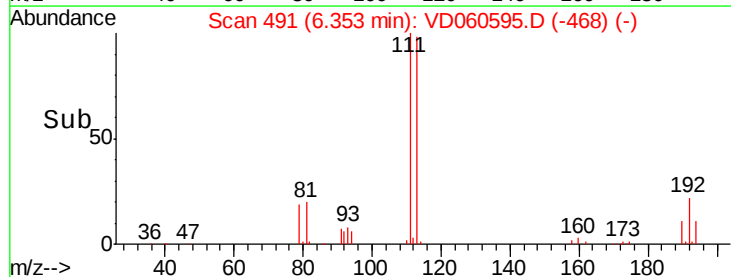
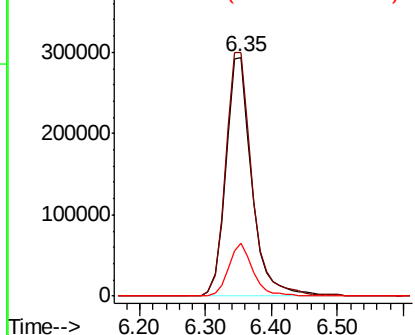


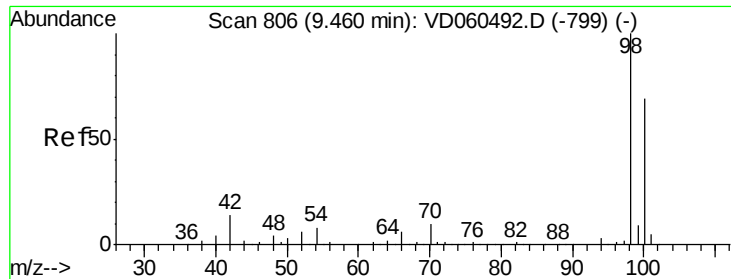
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.35 min Scan# 491
 Delta R.T. 0.02 min
 Lab File: VD060595.D
 Acq: 17 Dec 2018 13:13

Tgt Ion:113 Resp: 812918
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.2 120.4
 192 22.3 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

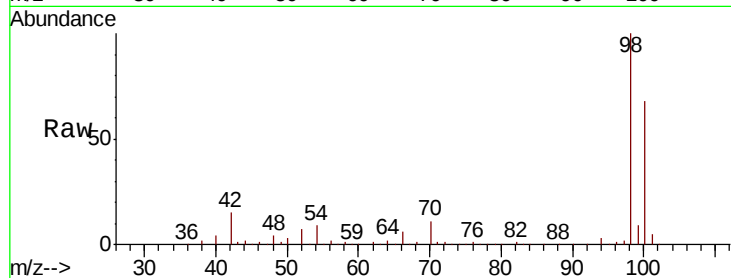




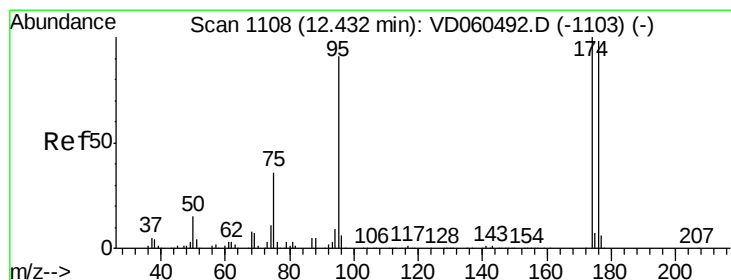
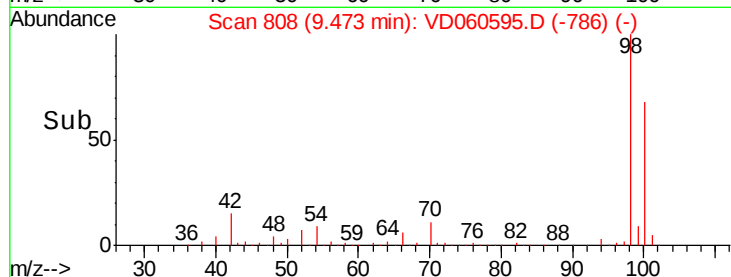
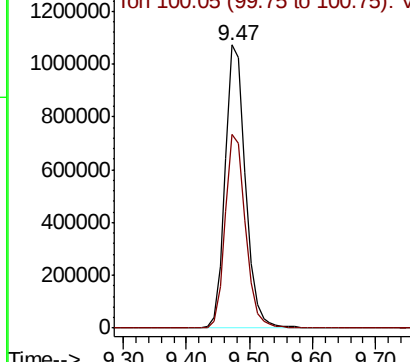
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060595.D
Acq: 17 Dec 2018 13:13

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Tot Ion: 98 Resp: 2385147
Ion Ratio Lower Upper
98 100
100 68.3 55.7 83.5

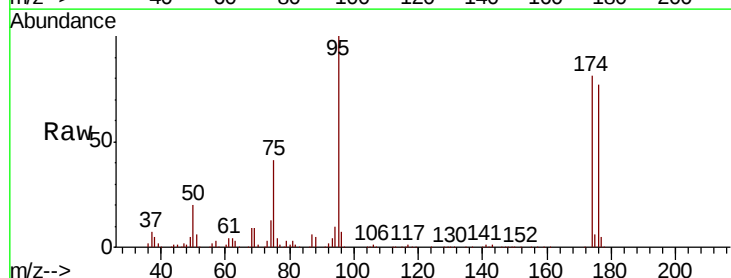


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

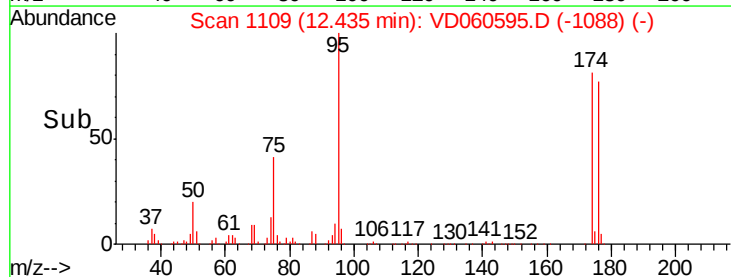
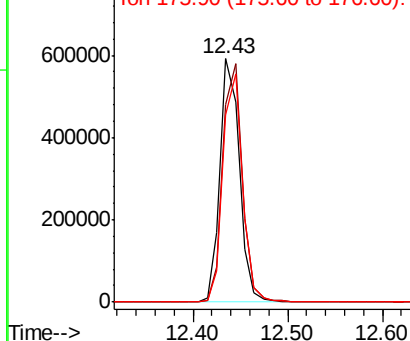


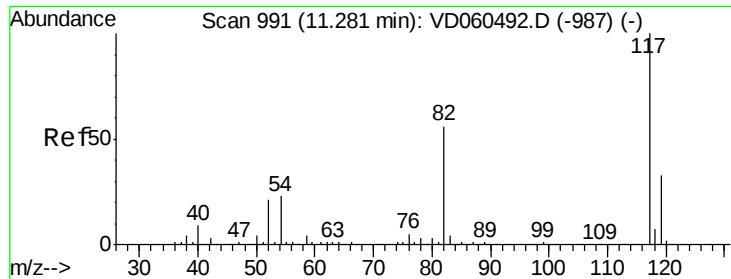
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060595.D
Acq: 17 Dec 2018 13:13

Tgt Ion: 95 Resp: 844639
Ion Ratio Lower Upper
95 100
174 81.3 0.0 219.4
176 76.7 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: 11.30 min Scan# 994

Delta R.T. 0.02 min

Lab File: VD060595.D

Acq: 17 Dec 2018 13:13

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

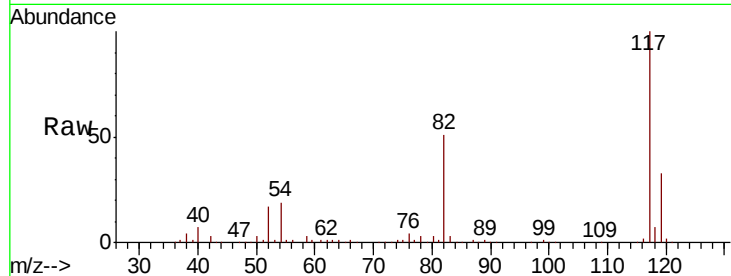
Tot Ion:117 Resp: 1823228

Ion Ratio Lower Upper

117 100

82 51.3 45.2 67.8

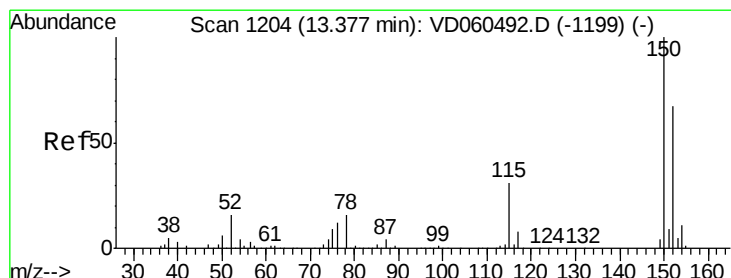
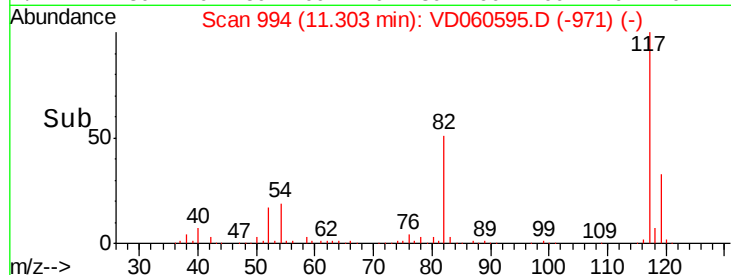
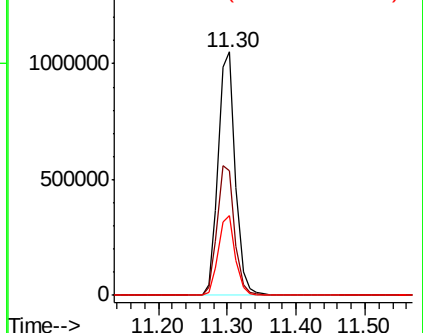
119 32.6 26.1 39.1



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: 13.38 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VD060595.D

Acq: 17 Dec 2018 13:13

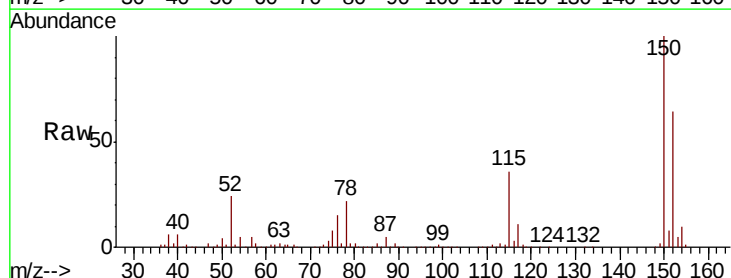
Tgt Ion:152 Resp: 915789

Ion Ratio Lower Upper

152 100

115 55.6 24.6 74.0

150 155.2 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

