

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062114.D
 Acq On : 2 May 2019 16:33
 Operator : FY/SY
 Sample : K2654-01
 Misc : 5.01g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

Quant Time: May 06 02:15:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

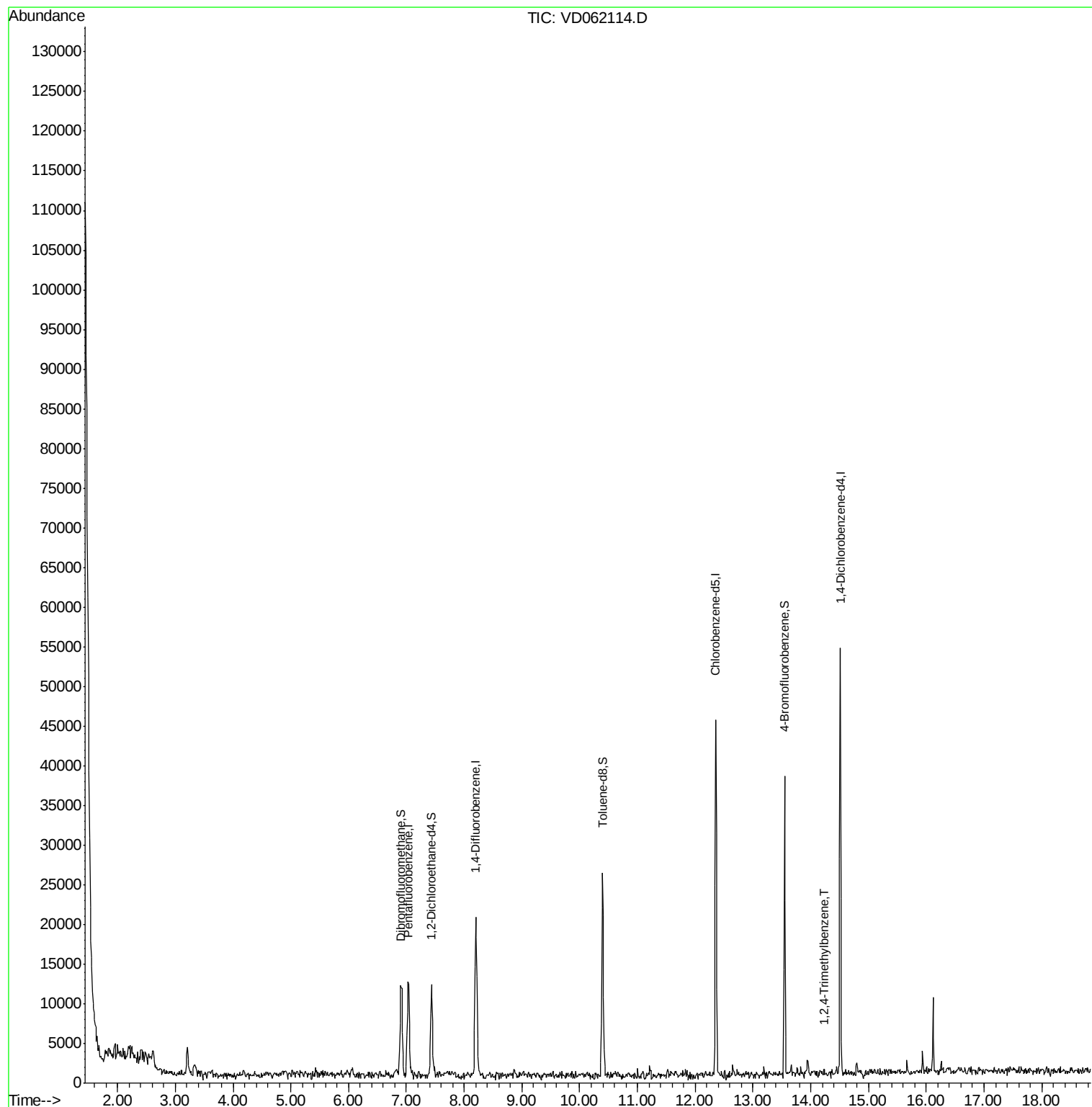
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	14901	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	28582	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.35	117	27921	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	12266	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	11463	98.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	196.58%	
35) Dibromofluoromethane	6.91	113	11813	59.76	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	119.52%	
50) Toluene-d8	10.40	98	24242	51.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	13.55	95	11389	60.37	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.74%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	14.23	105	696	1.117	ug/l #	Qvalue 30

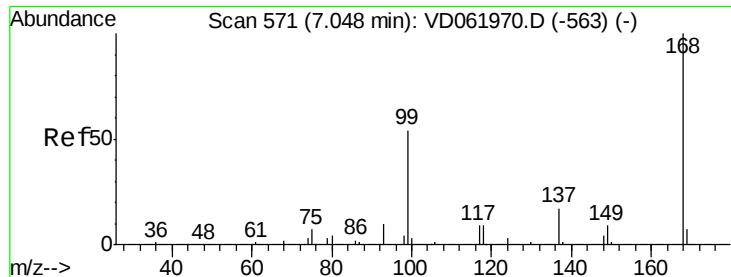
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062114.D

Acq: 2 May 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

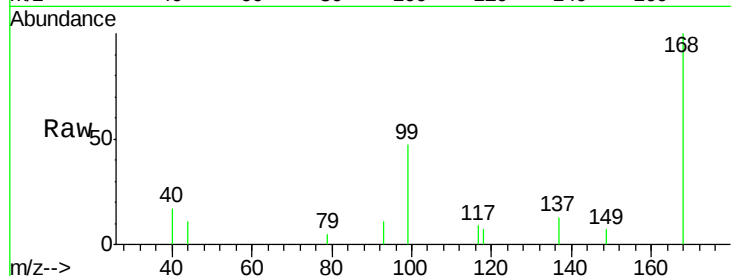
OILY-STONES

Tot Ion:168 Resp: 14901

Ion Ratio Lower Upper

168 100

99 46.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

6000

5000

4000

3000

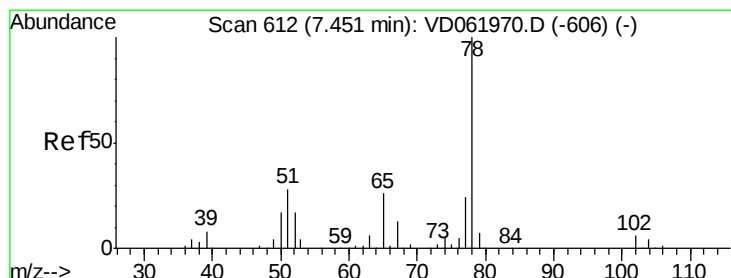
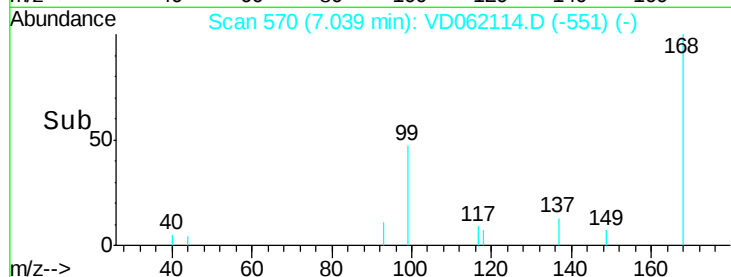
2000

1000

0

Time-->

6.95 7.00 7.05 7.10 7.15



#33

1,2-Dichloroethane-d4

Concen: 98.290 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062114.D

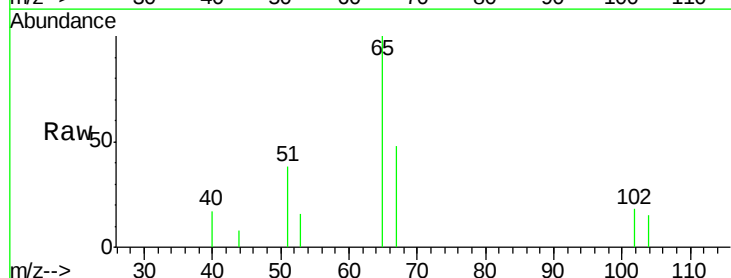
Acq: 2 May 2019 16:33

Tgt Ion: 65 Resp: 11463

Ion Ratio Lower Upper

65 100

67 48.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

5000

4000

3000

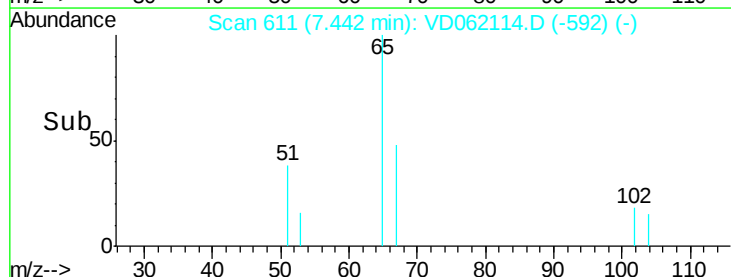
2000

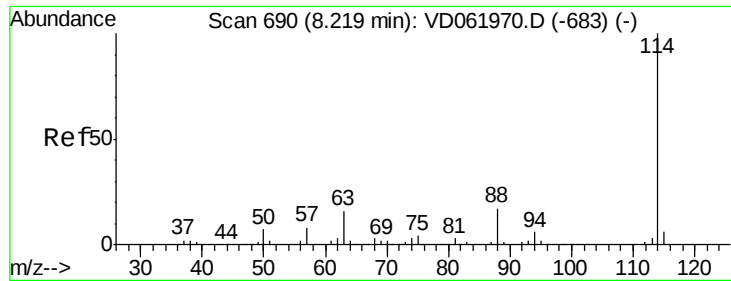
1000

0

Time-->

7.35 7.40 7.45 7.50 7.55





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062114.D

Acq: 2 May 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

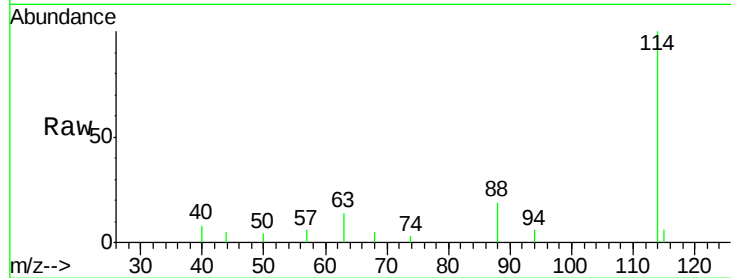
Tot Ion:114 Resp: 28582

Ion Ratio Lower Upper

114 100

63 14.4 0.0 32.4

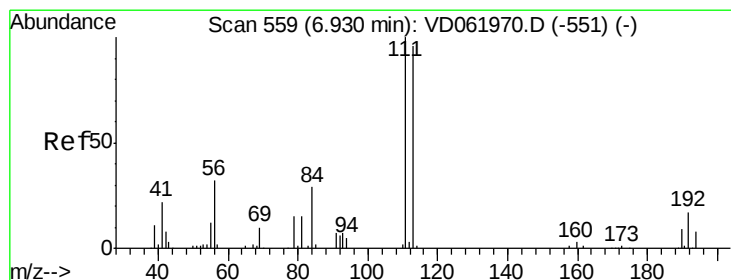
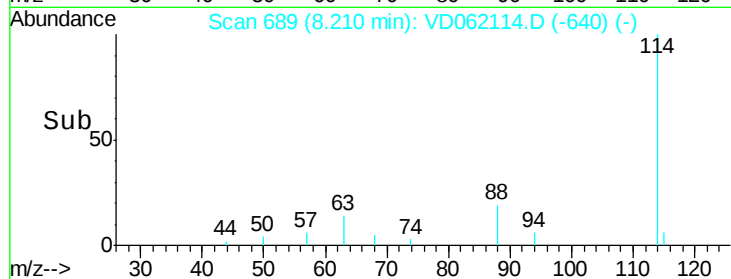
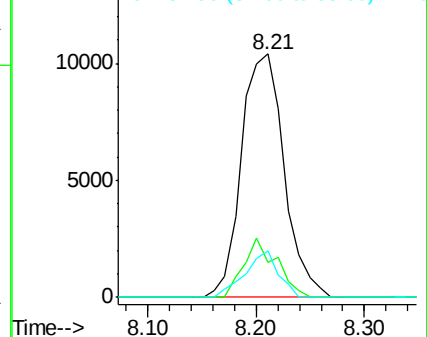
88 19.0 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 59.761 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD062114.D

Acq: 2 May 2019 16:33

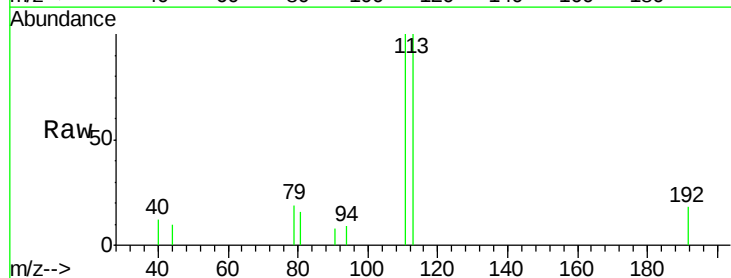
Tgt Ion:113 Resp: 11813

Ion Ratio Lower Upper

113 100

111 100.4 78.5 117.7

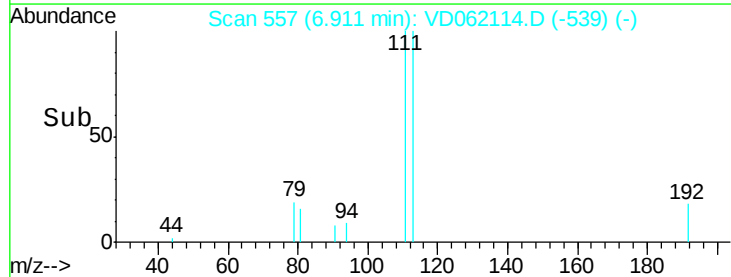
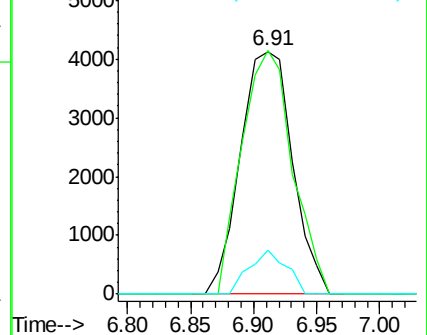
192 18.0 13.0 19.4

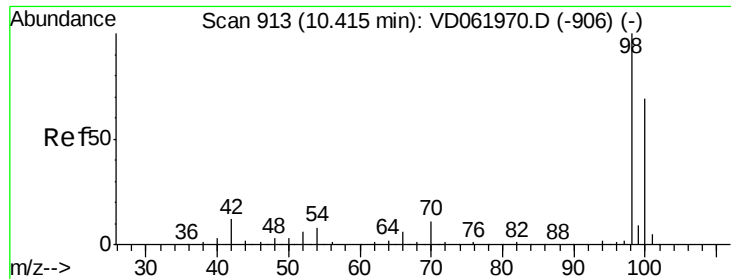


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

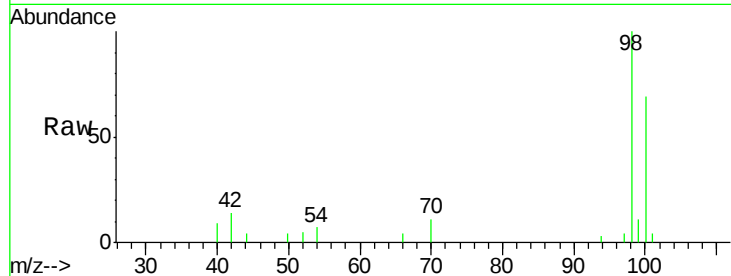




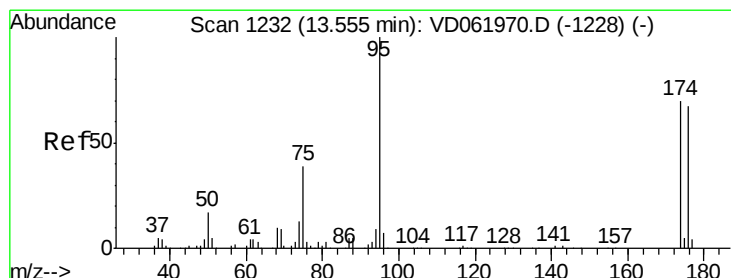
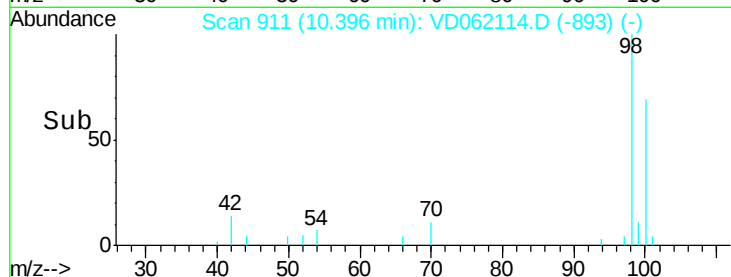
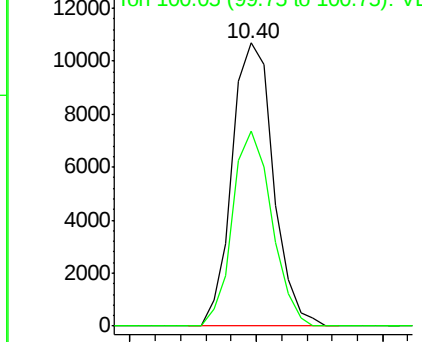
#50
Toluene-d8
Concen: 51.539 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062114.D
Acq: 2 May 2019 16:33

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Tot Ion: 98 Resp: 24242
Ion Ratio Lower Upper
98 100
100 69.0 53.8 80.8

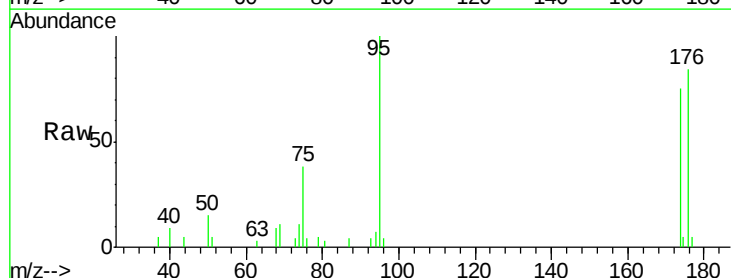


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

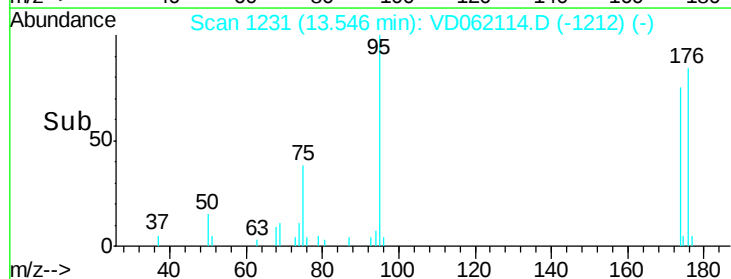
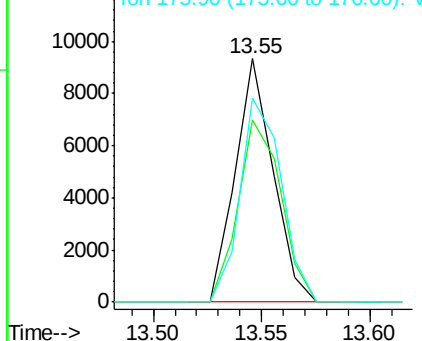


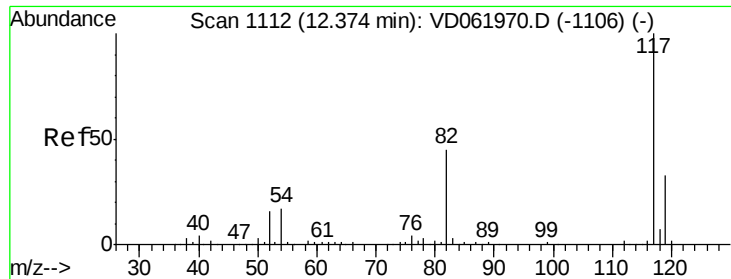
#62
4-Bromofluorobenzene
Concen: 60.368 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062114.D
Acq: 2 May 2019 16:33

Tgt Ion: 95 Resp: 11389
Ion Ratio Lower Upper
95 100
174 79.9 0.0 181.8
176 83.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

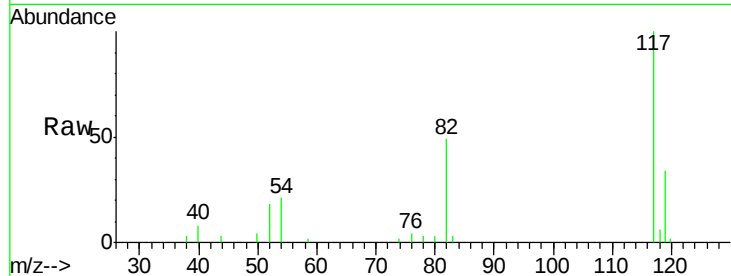




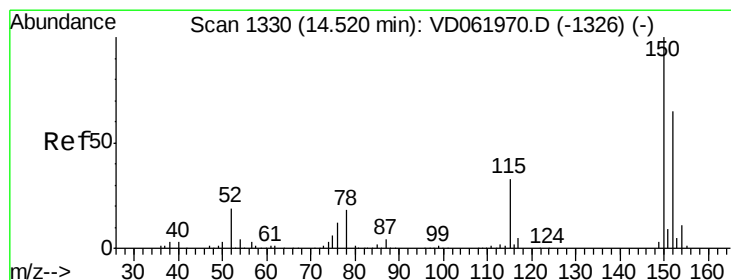
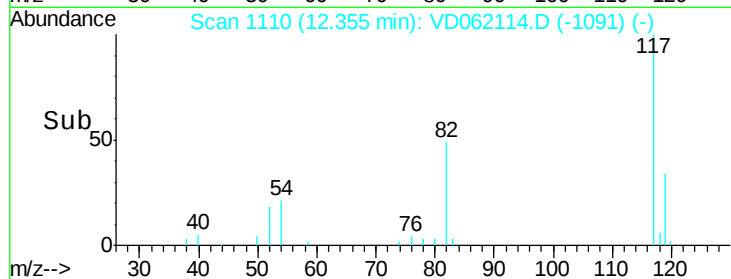
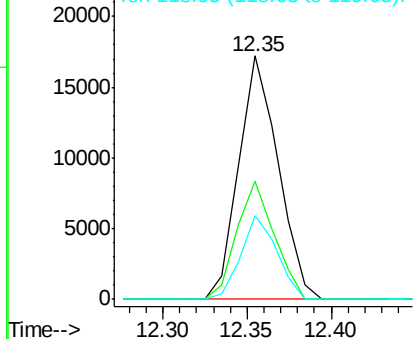
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062114.D
Acq: 2 May 2019 16:33

Instrument :
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ClientSampleId :
OILY-STONES

Tot Ion:117 Resp: 27921
Ion Ratio Lower Upper
117 100
82 48.8 36.2 54.2
119 34.3 26.2 39.4

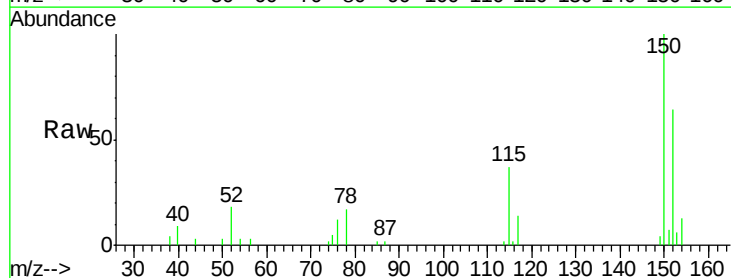


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

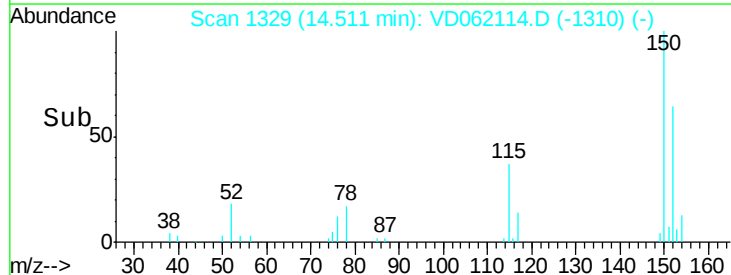
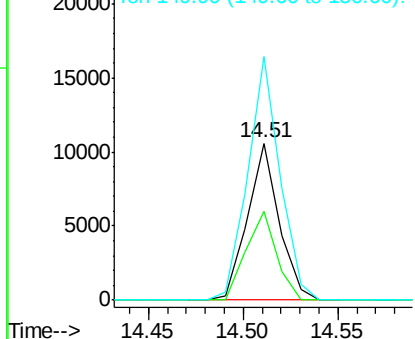


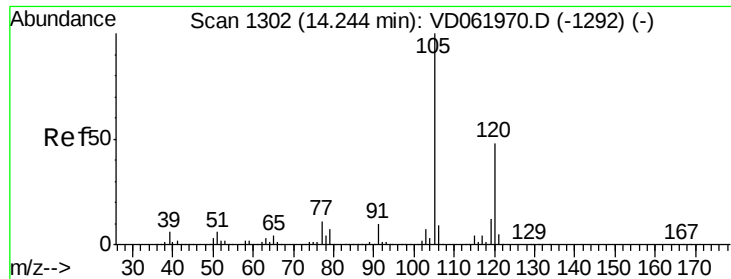
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062114.D
Acq: 2 May 2019 16:33

Tgt Ion:152 Resp: 12266
Ion Ratio Lower Upper
152 100
115 56.7 30.9 92.7
150 155.2 0.0 314.8



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





#84
 1,2,4-Trimethylbenzene
 Concen: 1.117 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD062114.D
 Acq: 2 May 2019 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

Tot Ion:105 Resp: 696
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.1 69.2#

