

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062079.D
 Acq On : 29 Apr 2019 22:58
 Operator : FY/SY
 Sample : K2199-19
 Misc : 5.69µm/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-042919-B

Quant Time: Apr 30 02:06:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

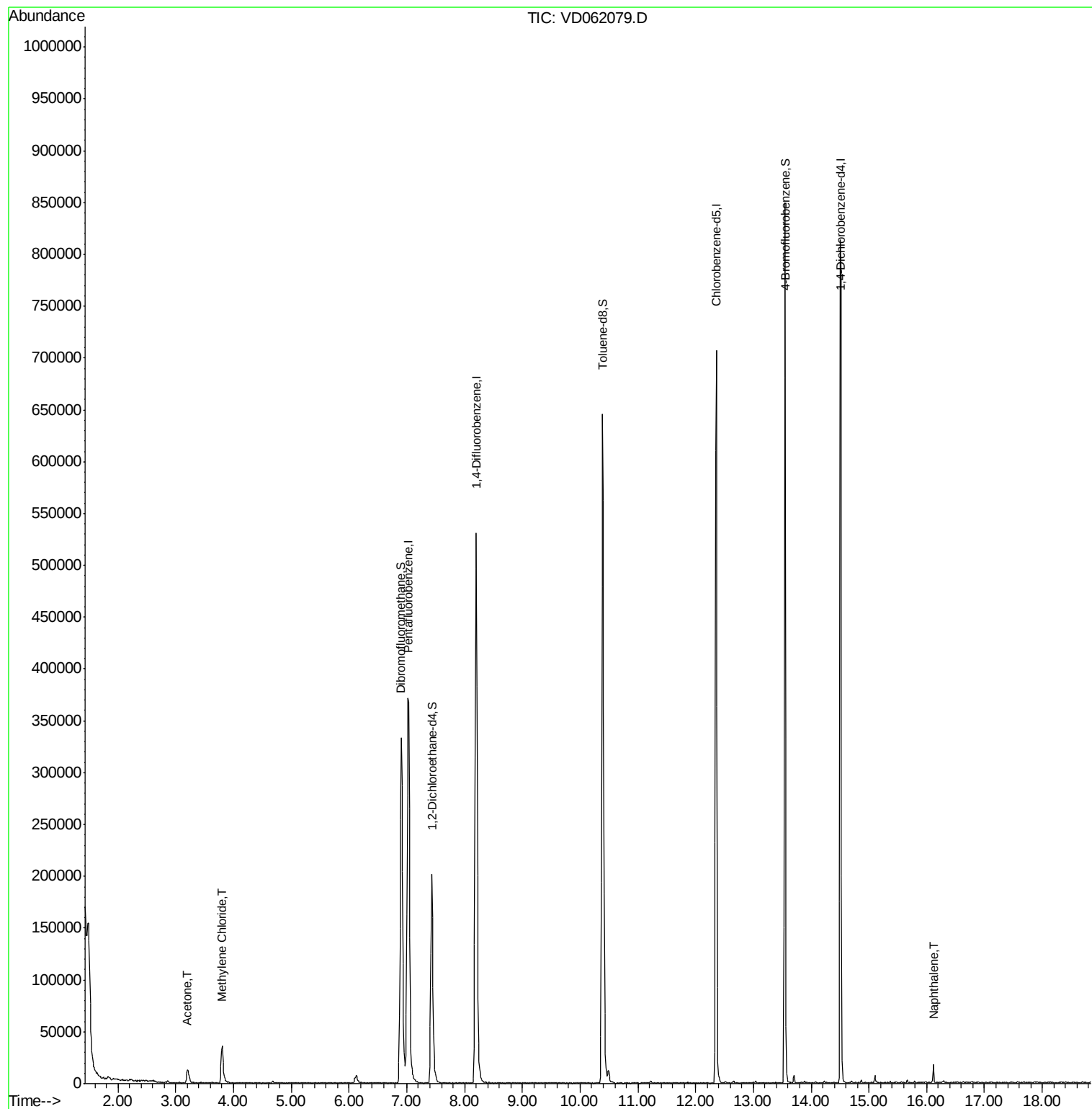
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	378447	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	631608	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	443651	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	211290	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	216948	73.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	146.50%	
35) Dibromofluoromethane	6.90	113	303750	69.54	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	139.08%	
50) Toluene-d8	10.39	98	593377	57.09	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	114.18%	
62) 4-Bromofluorobenzene	13.55	95	270083	64.78	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	129.56%	
Target Compounds						
16) Acetone	3.20	43	26761	37.840	ug/l	99
20) Methylene Chloride	3.80	84	27679	5.181	ug/l	97
95) Naphthalene	16.12	128	13585	2.670	ug/l	98

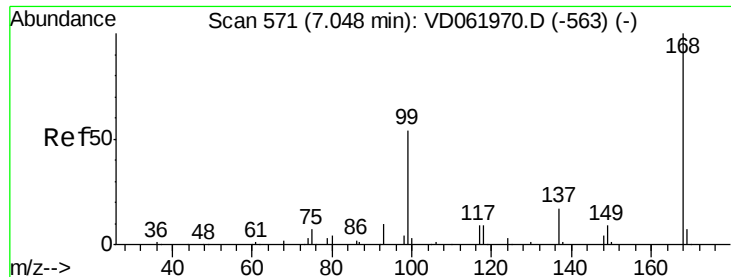
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042919\
Data File : VD062079.D
Acq On : 29 Apr 2019 22:58
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD062079.D

Acq: 29 Apr 2019 22:58

Instrument :

MSVOA_D

ClientSampleId :

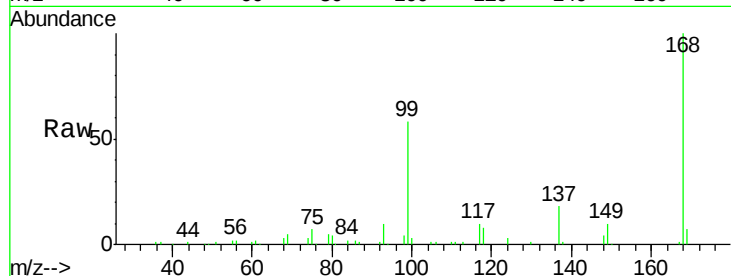
OR-02-042919-B

Tot Ion:168 Resp: 378447

Ion Ratio Lower Upper

168 100

99 57.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

150000

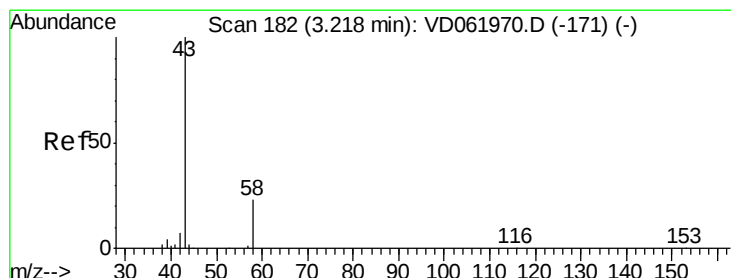
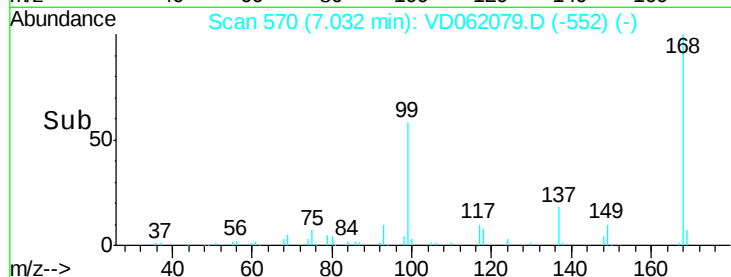
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 37.840 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062079.D

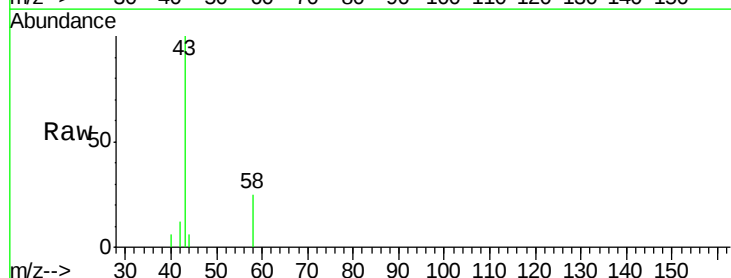
Acq: 29 Apr 2019 22:58

Tgt Ion: 43 Resp: 26761

Ion Ratio Lower Upper

43 100

58 24.6 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

10000

8000

6000

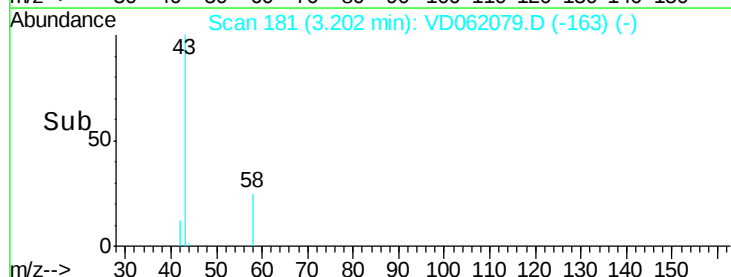
4000

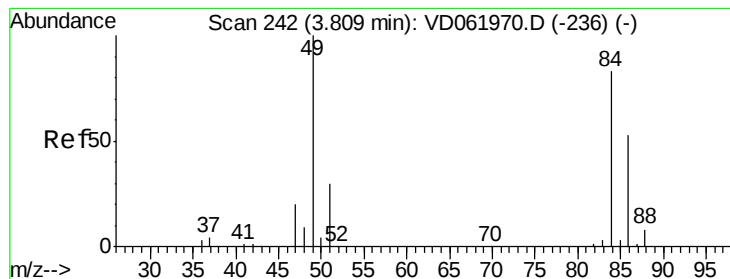
2000

0

Time-->

3.10 3.20 3.30





#20

Methylene Chloride

Concen: 5.181 ug/l

RT: 3.80 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD062079.D

Acq: 29 Apr 2019 22:58

Instrument :

MSVOA_D

ClientSampleId :

OR-02-042919-B

Tot Ion: 84 Resp: 27679

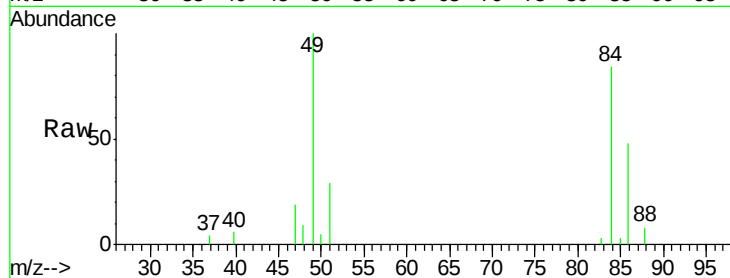
Ion Ratio Lower Upper

84 100

49 118.6 94.0 141.0

51 33.8 29.0 43.4

86 57.5 49.8 74.6

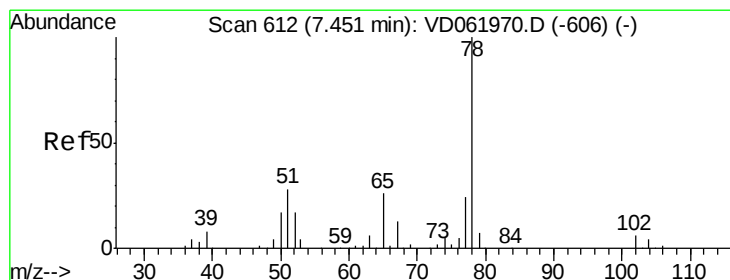
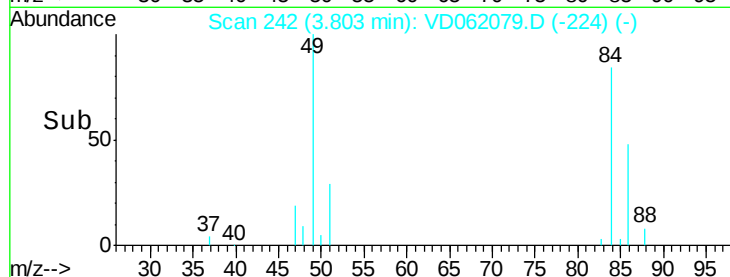
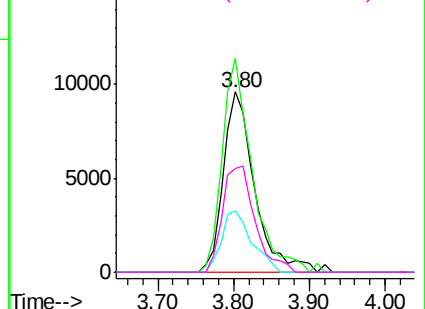


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 73.245 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062079.D

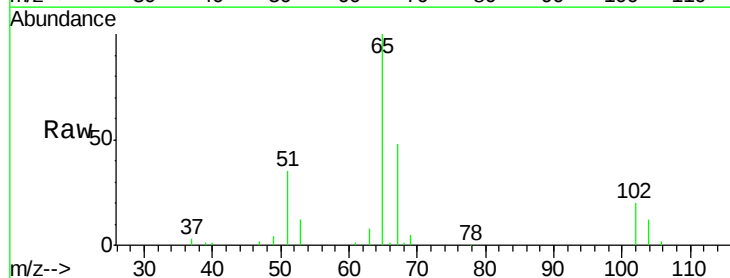
Acq: 29 Apr 2019 22:58

Tgt Ion: 65 Resp: 216948

Ion Ratio Lower Upper

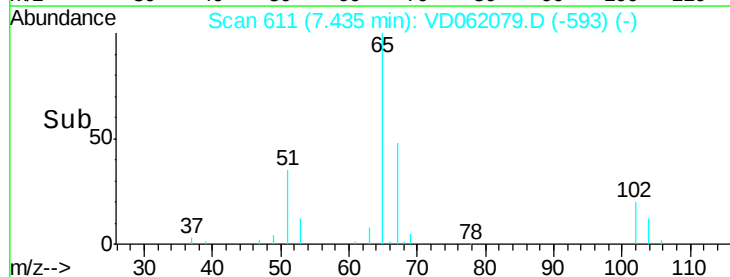
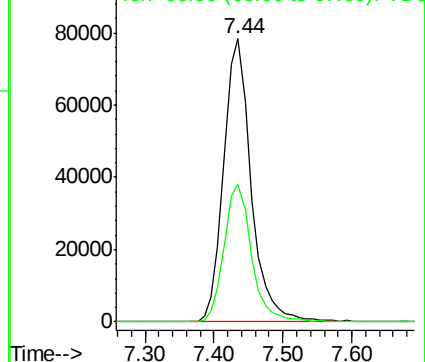
65 100

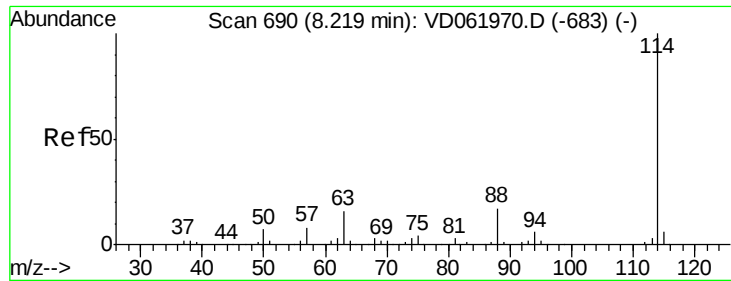
67 48.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

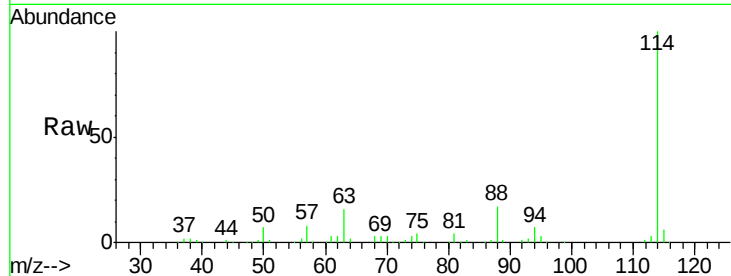




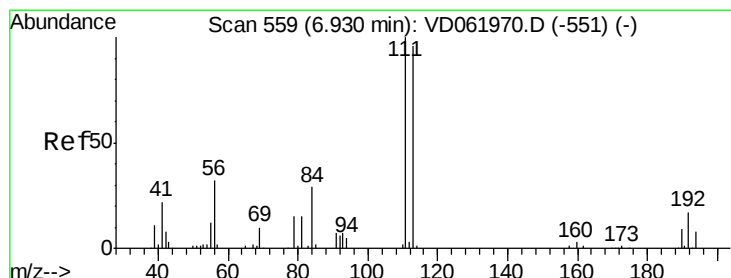
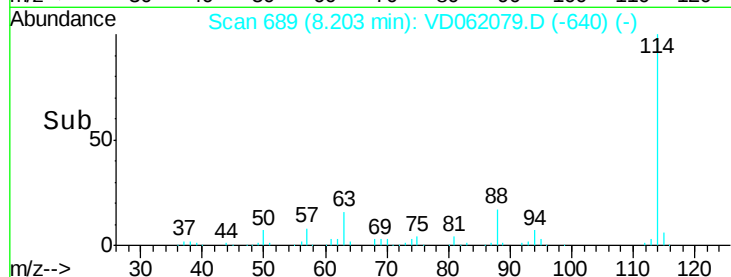
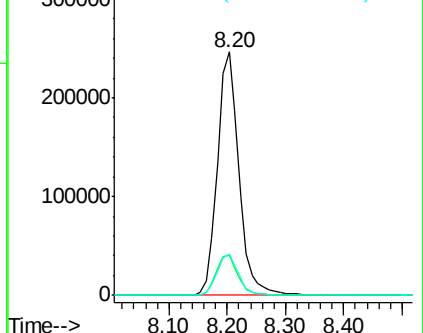
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD062079.D
 Acq: 29 Apr 2019 22:58

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-042919-B

Tot Ion:114 Resp: 631608
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 17.2 0.0 33.6

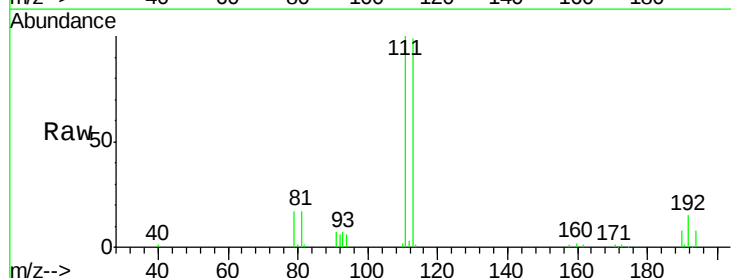


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

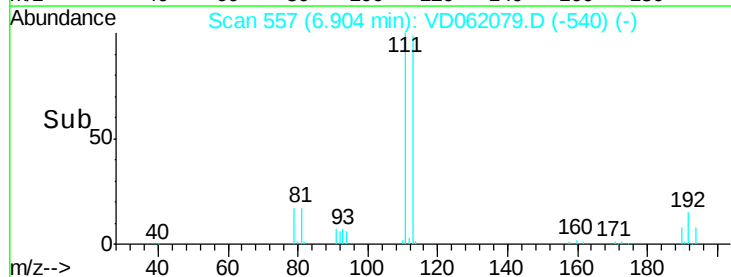
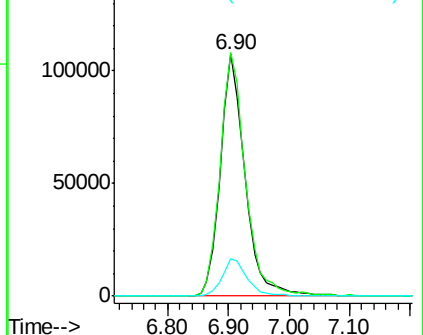


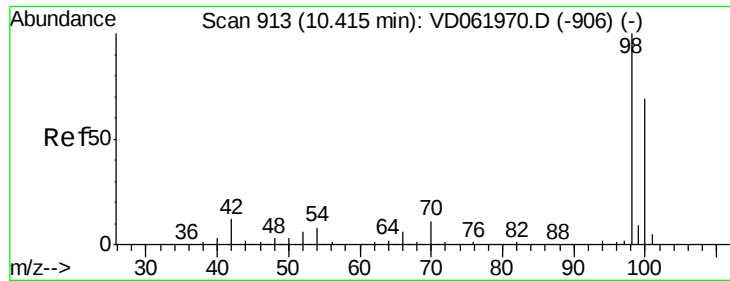
#35
 Dibromofluoromethane
 Concen: 69.537 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD062079.D
 Acq: 29 Apr 2019 22:58

Tgt Ion:113 Resp: 303750
 Ion Ratio Lower Upper
 113 100
 111 100.7 78.5 117.7
 192 15.4 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

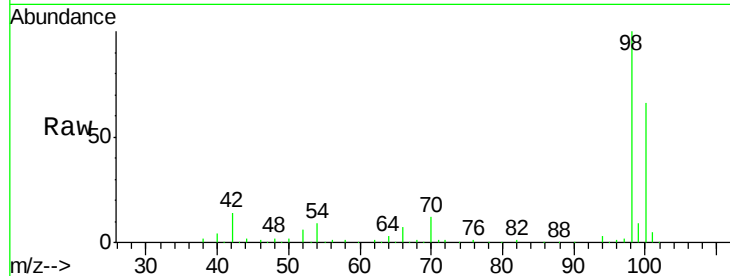




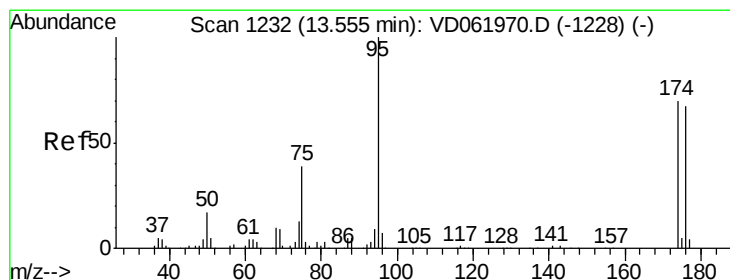
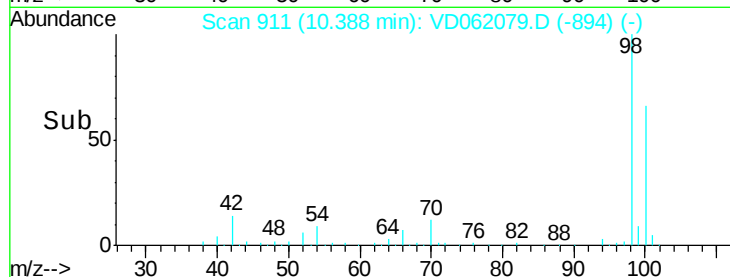
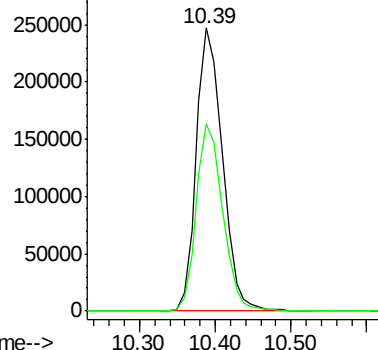
#50
Toluene-d8
Concen: 57.088 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD062079.D
Acq: 29 Apr 2019 22:58

Instrument :
MSVOA_D
ClientSampleId :
OR-02-042919-B

Tot Ion: 98 Resp: 593377
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.8

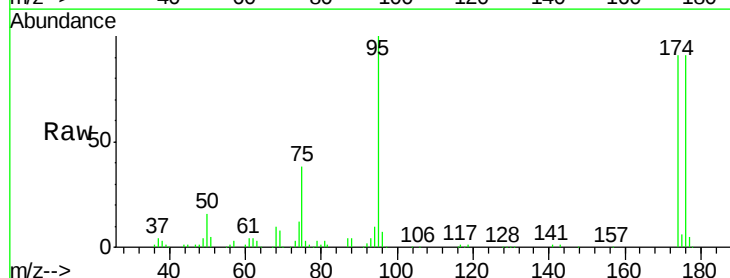


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

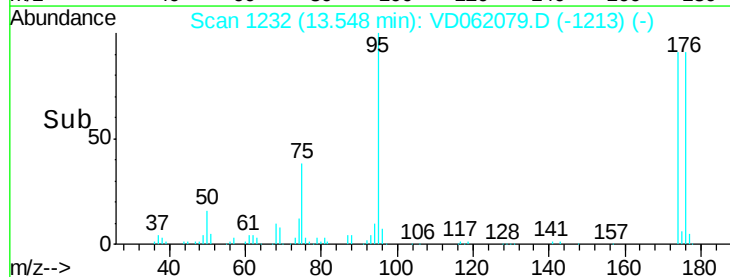
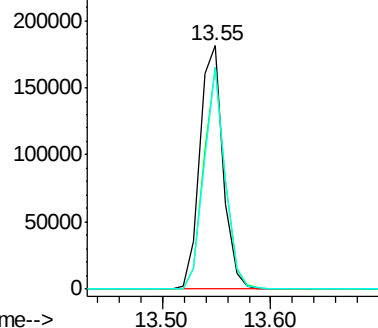


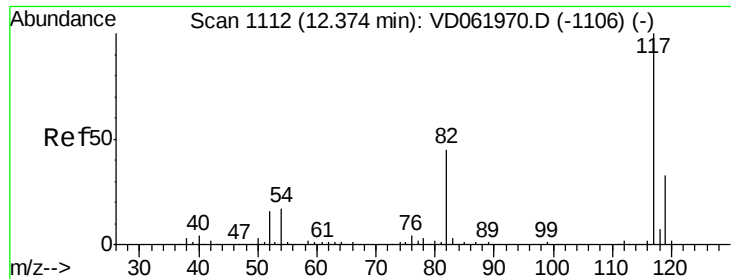
#62
4-Bromofluorobenzene
Concen: 64.784 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062079.D
Acq: 29 Apr 2019 22:58

Tgt Ion: 95 Resp: 270083
Ion Ratio Lower Upper
95 100
174 91.0 0.0 181.8
176 91.3 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) (-)

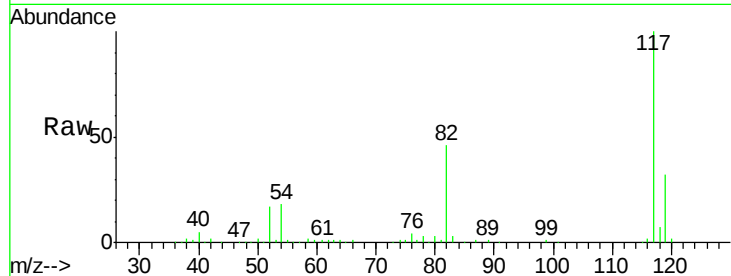




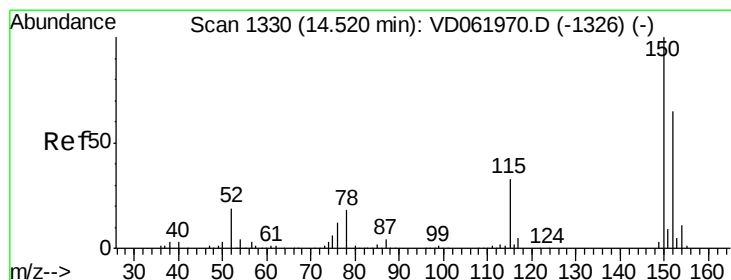
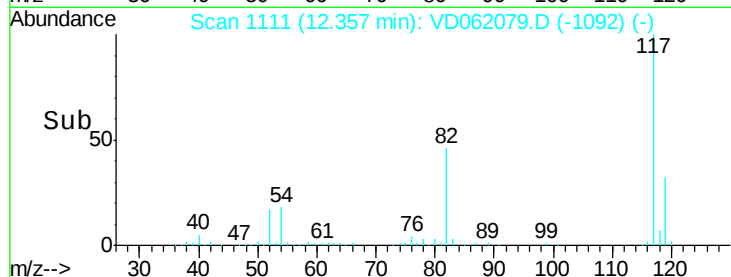
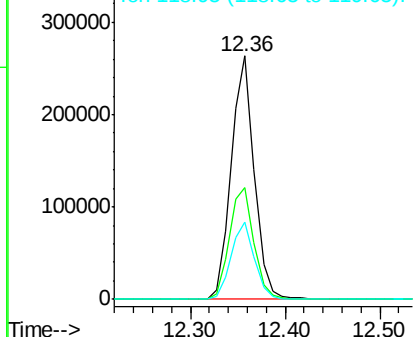
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062079.D
Acq: 29 Apr 2019 22:58

Instrument :
MSVOA_D
ClientSampleId :
OR-02-042919-B

Tot Ion:117 Resp: 443651
Ion Ratio Lower Upper
117 100
82 45.7 36.2 54.2
119 31.9 26.2 39.4

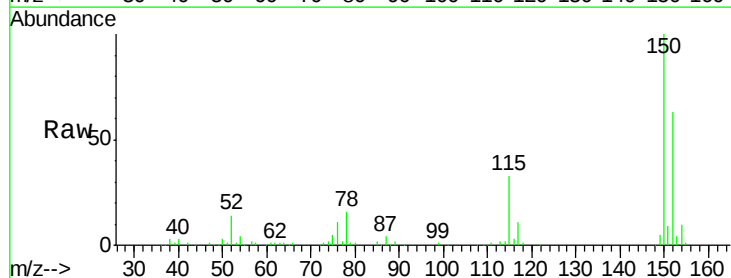


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

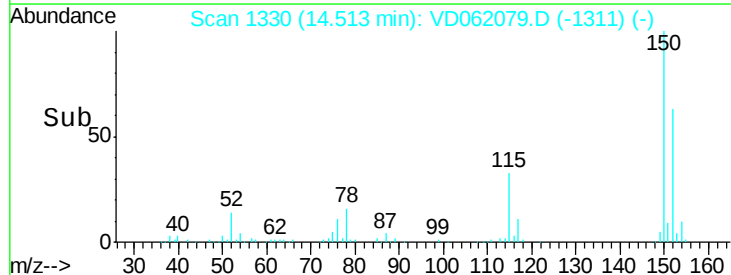
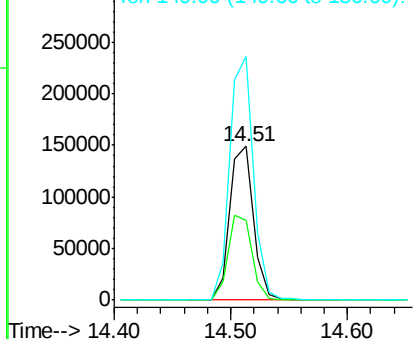


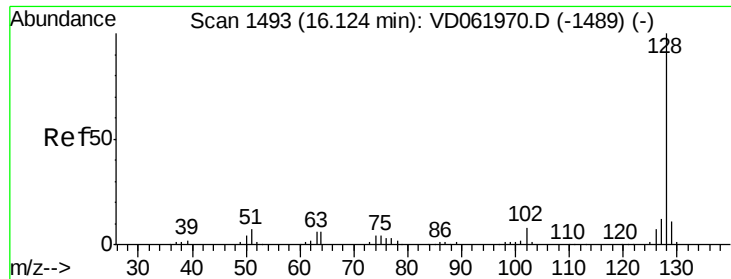
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062079.D
Acq: 29 Apr 2019 22:58

Tgt Ion:152 Resp: 211290
Ion Ratio Lower Upper
152 100
115 51.4 30.9 92.7
150 158.2 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

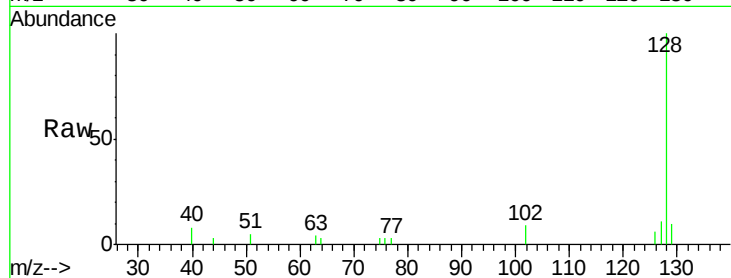




#95
Naphthalene
Concen: 2.670 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062079.D
Acq: 29 Apr 2019 22:58

Instrument :
MSVOA_D
ClientSampleId :
OR-02-042919-B

Tot Ion:128 Resp: 13585
Ion Ratio Lower Upper
128 100
127 11.5 9.8 14.8
129 9.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

