

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061816.D
 Acq On : 16 Apr 2019 17:31
 Operator : VA/AP
 Sample : K2358-14
 Misc : 4.25g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-D2

Quant Time: Apr 16 18:00:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

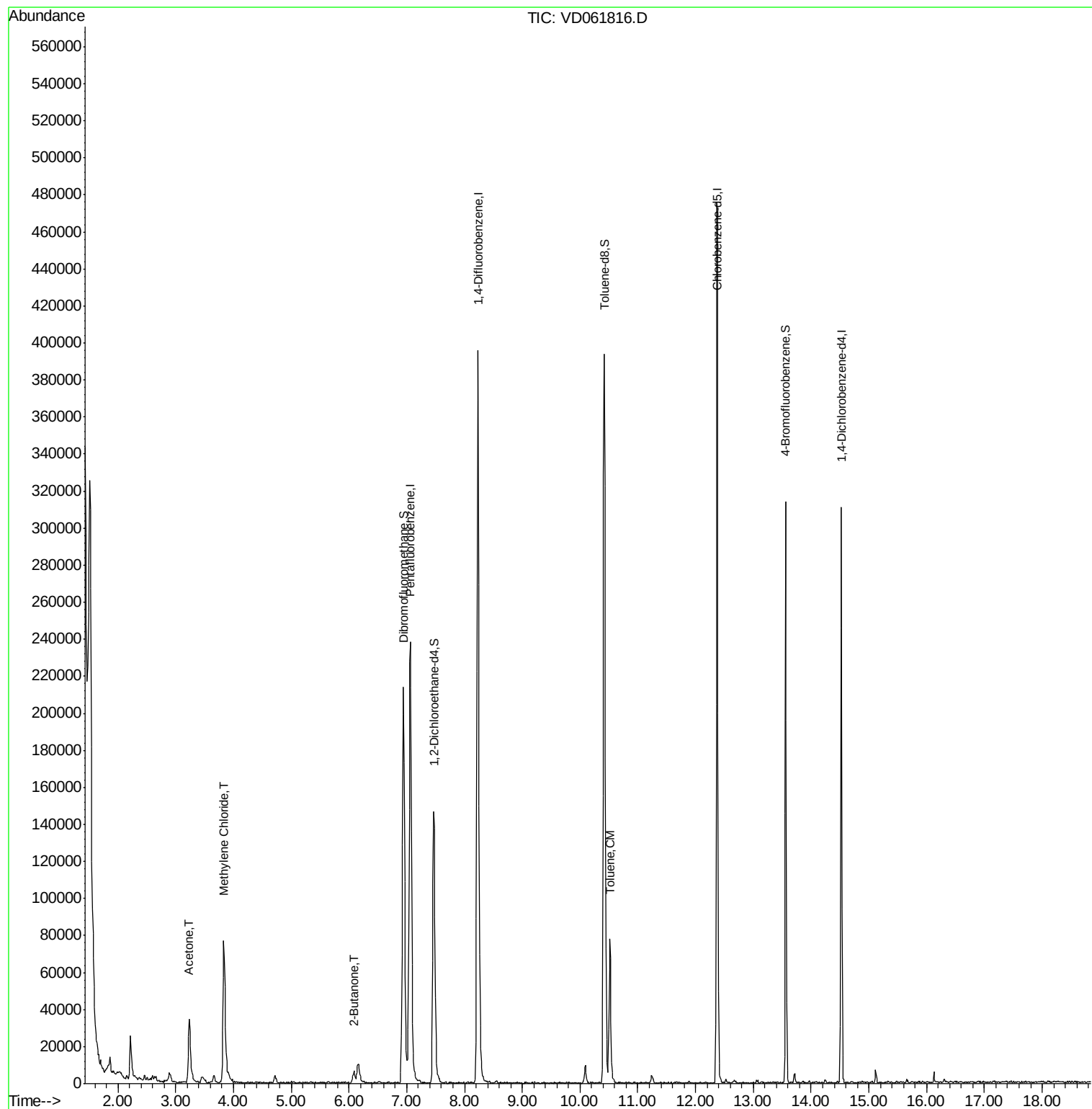
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	261625	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.23	114	486497	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.38	117	325722	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	76192	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	142394	64.94	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	129.88%	
35) Dibromofluoromethane	6.94	113	209691	57.05	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	114.10%	
50) Toluene-d8	10.42	98	361590	41.52	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.04%	
62) 4-Bromofluorobenzene	13.56	95	96031	27.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	54.42%	
Target Compounds						
16) Acetone	3.23	43	65543	121.284	ug/l	96
20) Methylene Chloride	3.83	84	60947	19.930	ug/l	97
25) 2-Butanone	6.09	43	14995	24.373	ug/l	95
52) Toluene	10.52	92	45609	7.457	ug/l	95

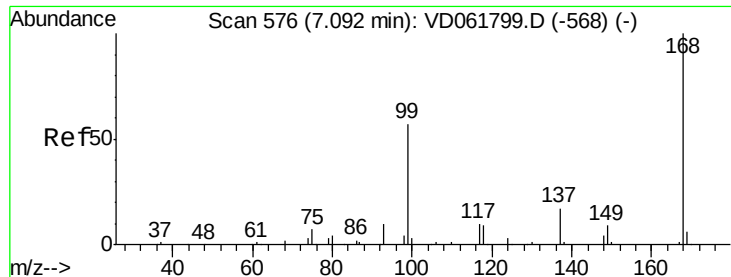
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
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Acq On : 16 Apr 2019 17:31
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD061816.D

Acq: 16 Apr 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

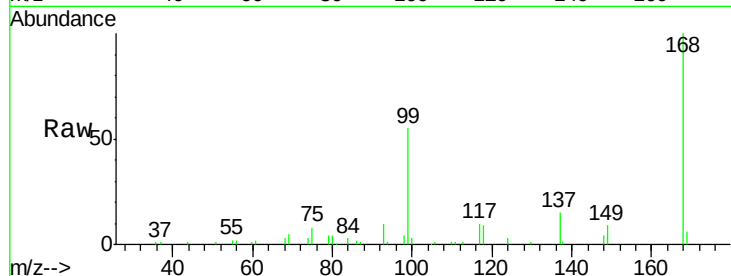
TP-7-D2

Tot Ion:168 Resp: 261625

Ion Ratio Lower Upper

168 100

99 55.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

80000

60000

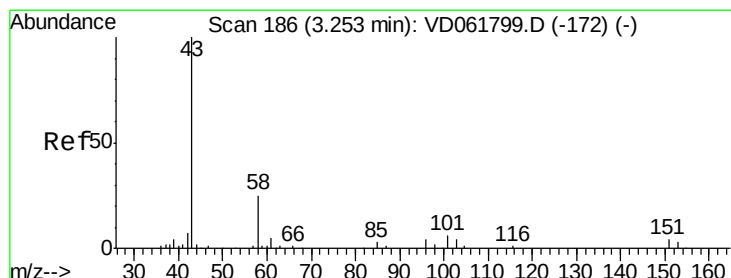
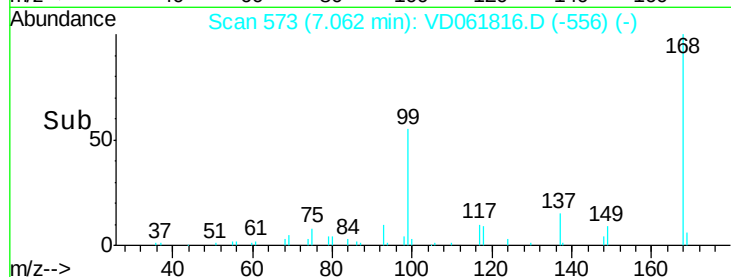
40000

20000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 121.284 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.02 min

Lab File: VD061816.D

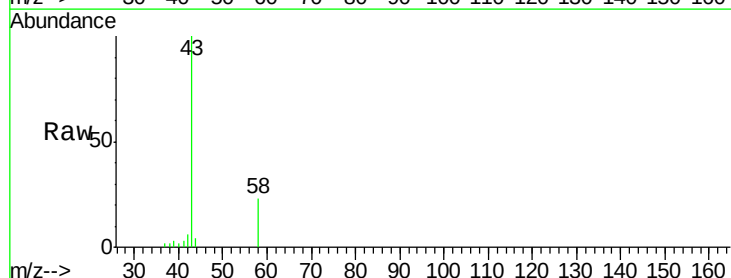
Acq: 16 Apr 2019 17:31

Tgt Ion: 43 Resp: 65543

Ion Ratio Lower Upper

43 100

58 22.9 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

25000

20000

15000

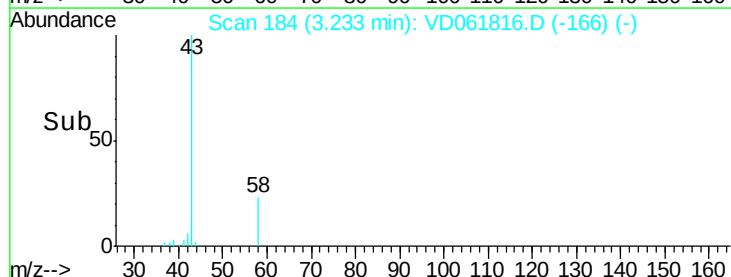
10000

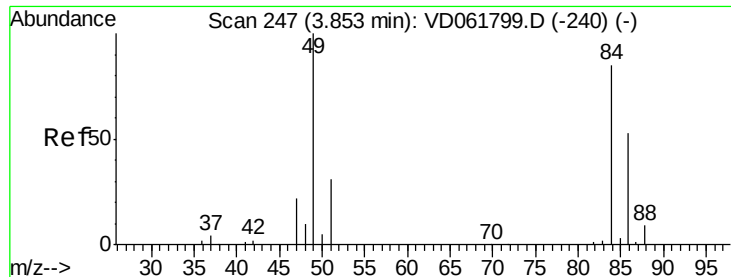
5000

0

Time-->

3.10 3.20 3.30 3.40

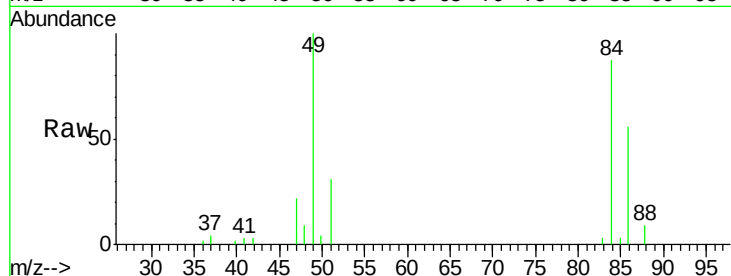




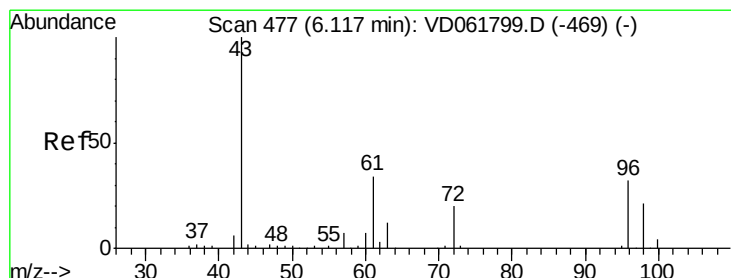
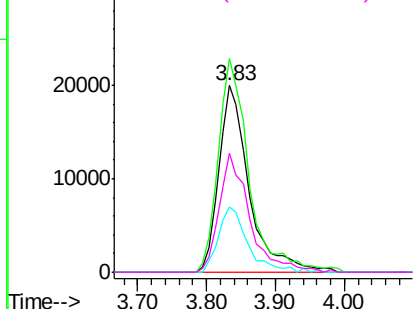
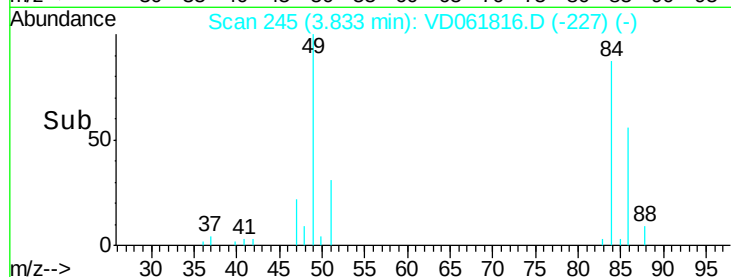
#20
Methvlene Chloride
Concen: 19.930 ug/l
RT: 3.83 min Scan# 245
Delta R.T. -0.02 min
Lab File: VD061816.D
Acq: 16 Apr 2019 17:31

Instrument :
MSVOA_D
ClientSampleId :
TP-7-D2

Tot Ion: 84	Resp: 60947
Ion Ratio	Lower Upper
84 100	
49 114.3	94.0 141.0
51 35.1	29.0 43.4
86 63.9	49.8 74.6

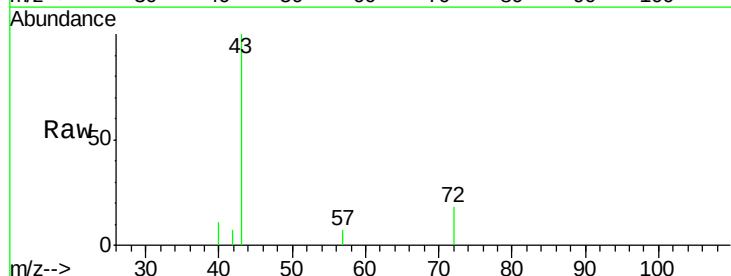


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

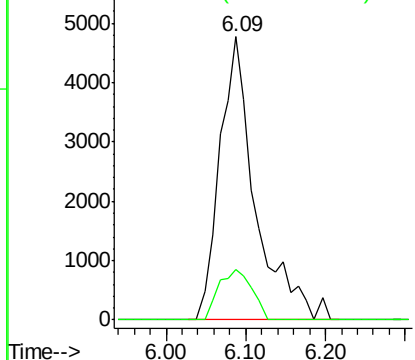
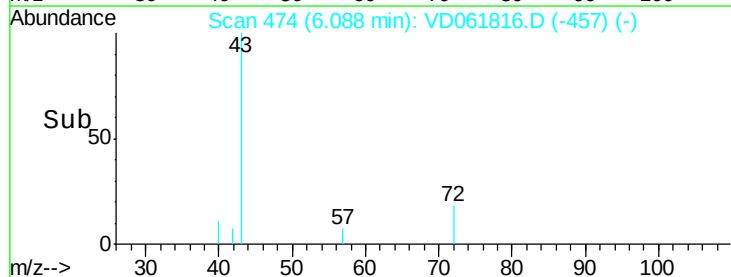


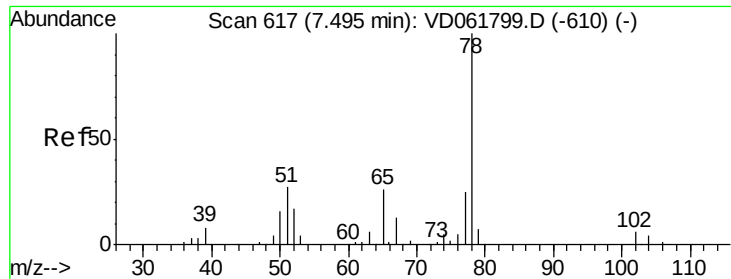
#25
2-Butanone
Concen: 24.373 ug/l
RT: 6.09 min Scan# 474
Delta R.T. -0.03 min
Lab File: VD061816.D
Acq: 16 Apr 2019 17:31

Tgt Ion: 43	Resp: 14995
Ion Ratio	Lower Upper
43 100	
72 17.9	16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

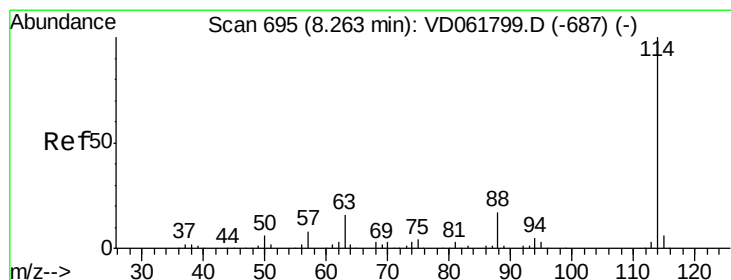
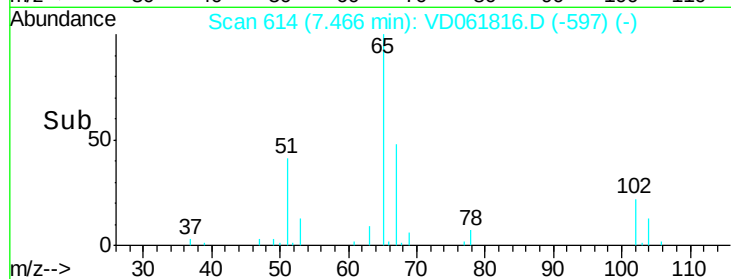
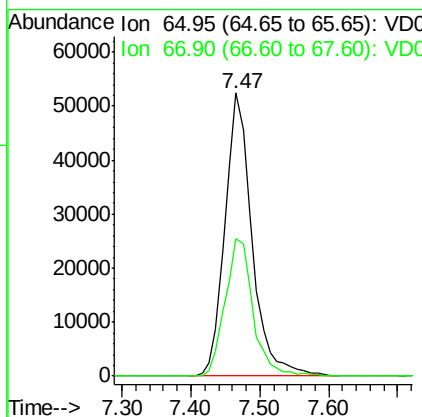
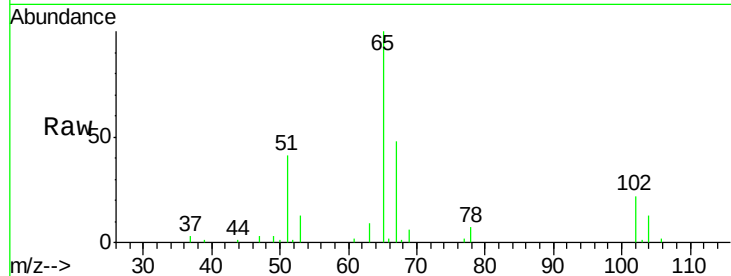




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: VD061816.D
 Acq: 16 Apr 2019 17:31

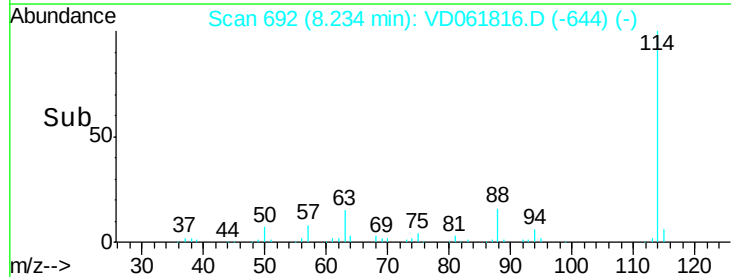
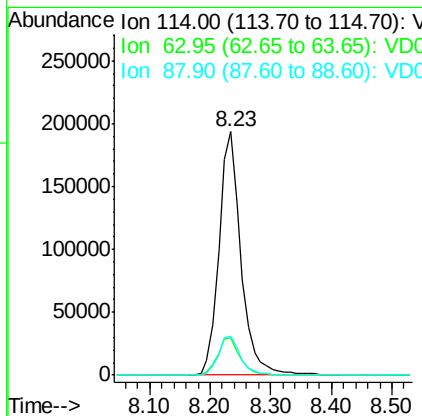
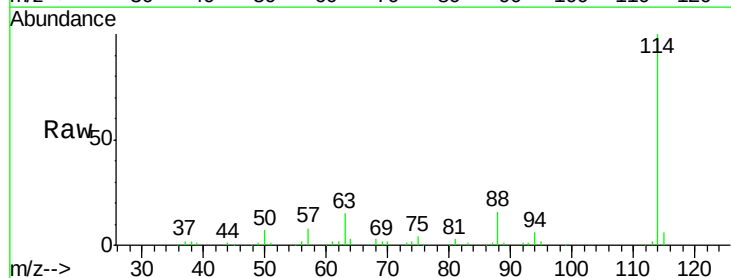
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-D2

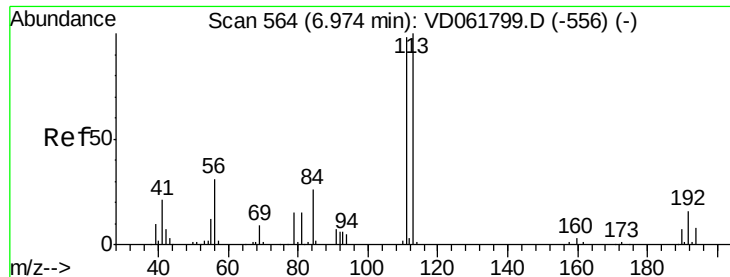
Tot Ion: 65 Resp: 142394
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. -0.03 min
 Lab File: VD061816.D
 Acq: 16 Apr 2019 17:31

Tgt Ion: 114 Resp: 486497
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 32.4
 88 16.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. -0.03 min

Lab File: VD061816.D

Acq: 16 Apr 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

TP-7-D2

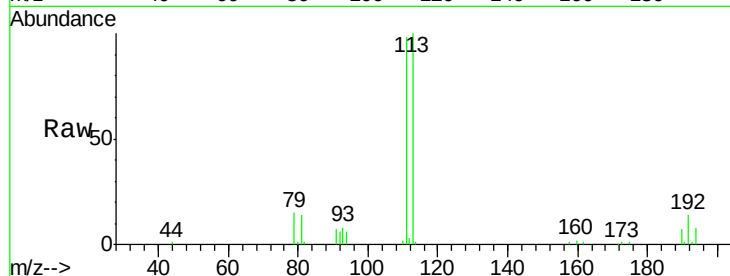
Tot Ion:113 Resp: 209691

Ion Ratio Lower Upper

113 100

111 98.1 78.5 117.7

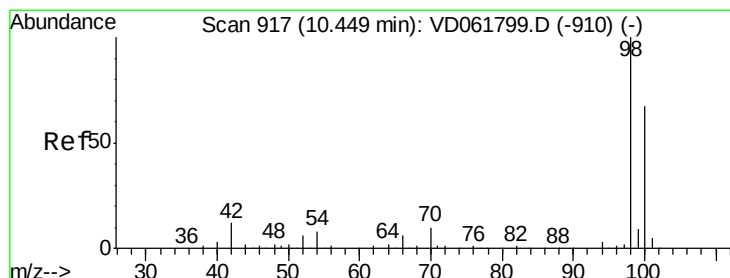
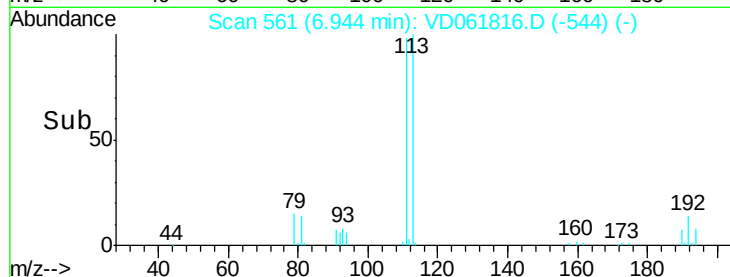
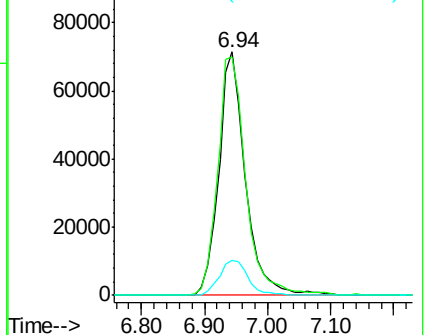
192 14.2 13.0 19.4



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: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.03 min

Lab File: VD061816.D

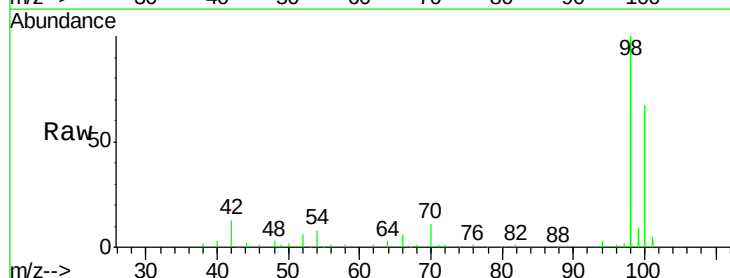
Acq: 16 Apr 2019 17:31

Tgt Ion: 98 Resp: 361590

Ion Ratio Lower Upper

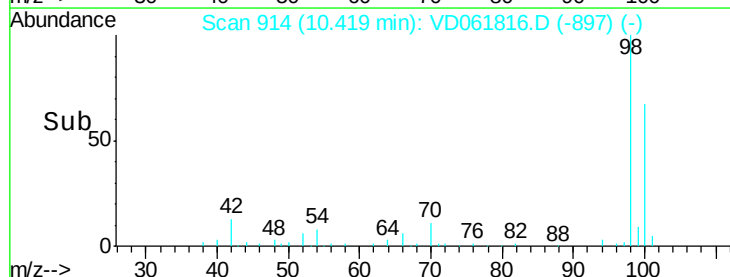
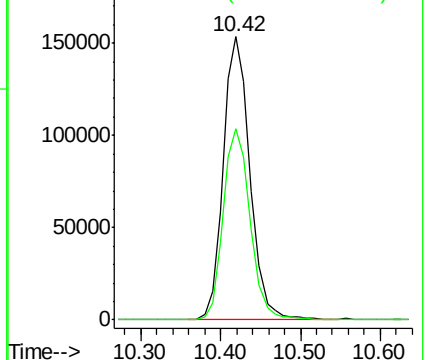
98 100

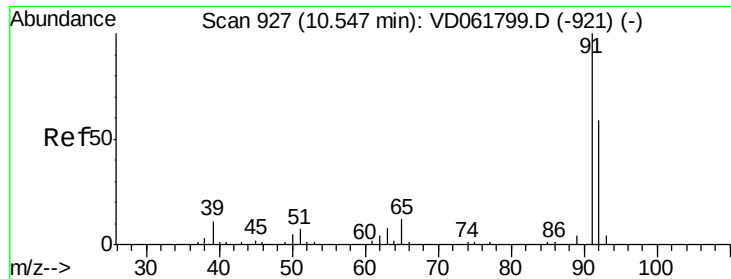
100 67.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 7.457 ug/l

RT: 10.52 min Scan# 924

Delta R.T. -0.03 min

Lab File: VD061816.D

Acq: 16 Apr 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

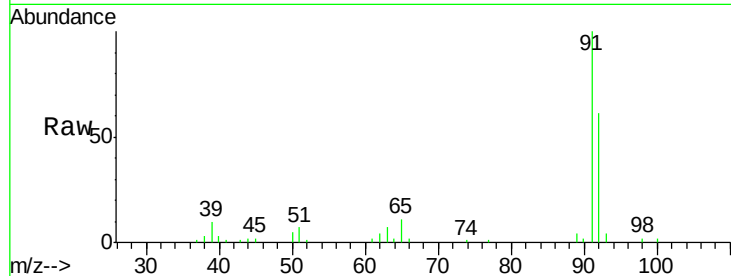
TP-7-D2

Tot Ion: 92 Resp: 45609

Ion Ratio Lower Upper

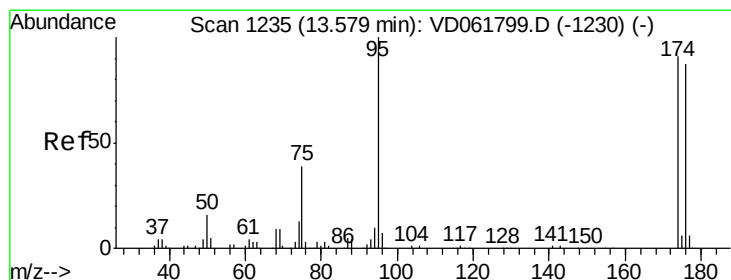
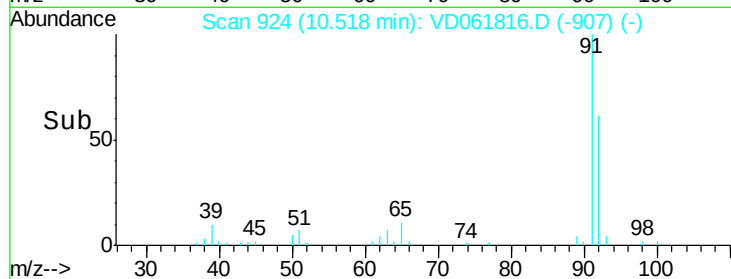
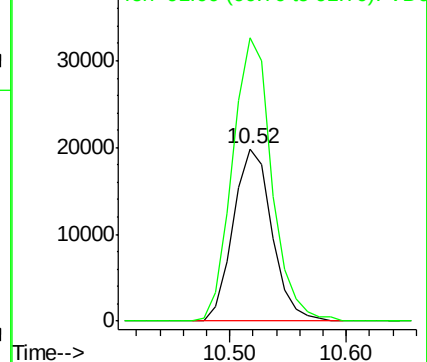
92 100

91 164.3 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VD061816.D

Acq: 16 Apr 2019 17:31

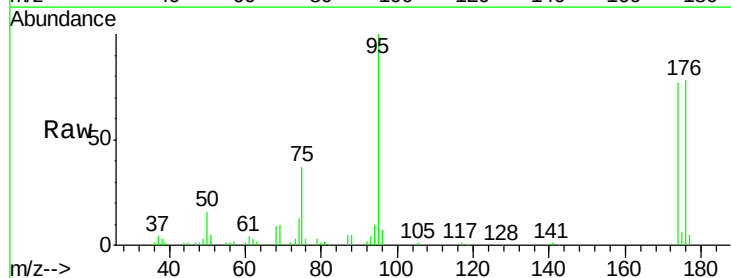
Tgt Ion: 95 Resp: 96031

Ion Ratio Lower Upper

95 100

174 77.2 0.0 181.8

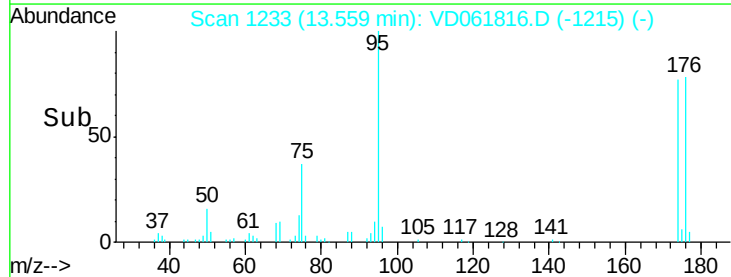
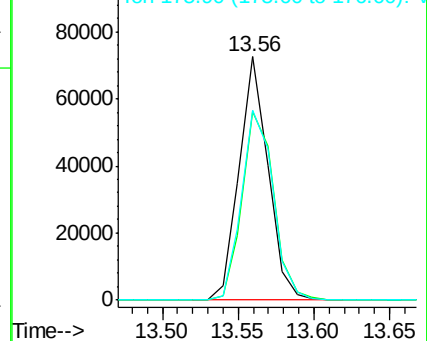
176 78.2 0.0 174.4

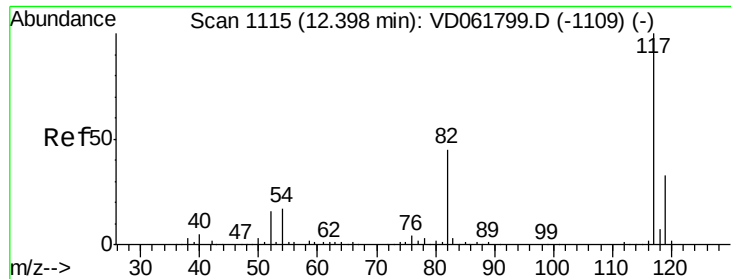


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

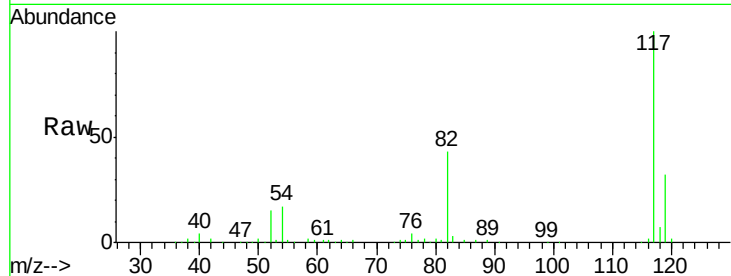




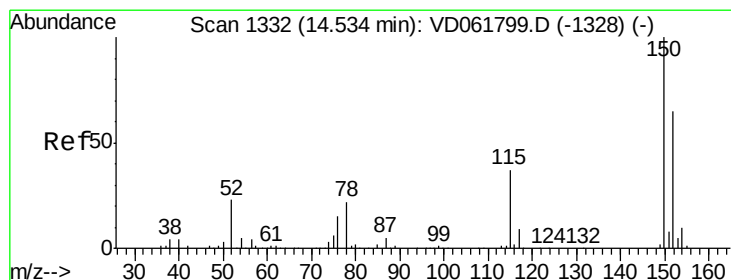
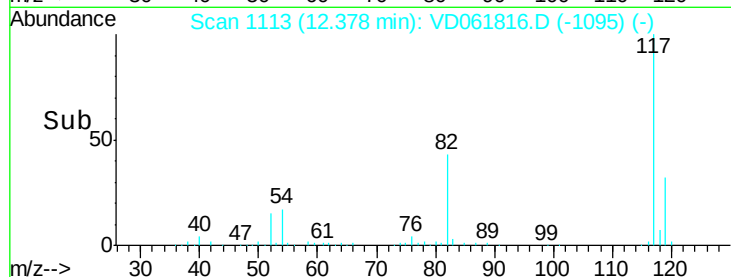
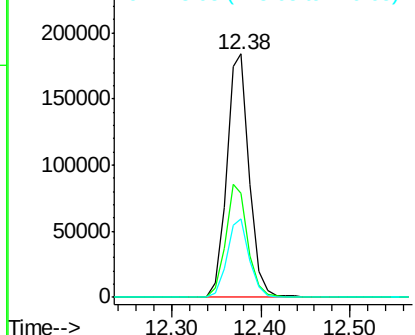
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD061816.D
Acq: 16 Apr 2019 17:31

Instrument :
MSVOA_D
ClientSampleID :
TP-7-D2

Tot Ion:117 Resp: 325722
Ion Ratio Lower Upper
117 100
82 42.8 36.2 54.2
119 32.1 26.2 39.4

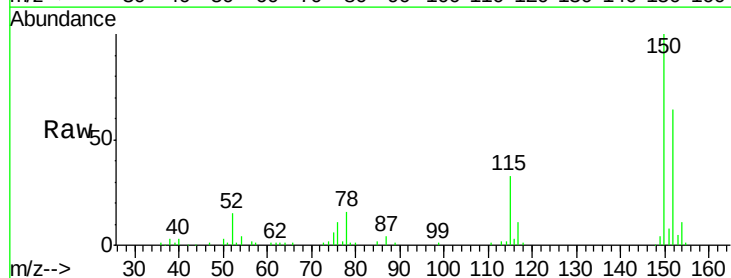


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD061816.D
Acq: 16 Apr 2019 17:31

Tgt Ion:152 Resp: 76192
Ion Ratio Lower Upper
152 100
115 51.3 30.9 92.7
150 156.9 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

