

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061483.D
 Acq On : 1 Apr 2019 22:00
 Operator : VA/AP
 Sample : K2182-19
 Misc : 5.34g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S7C(16)

Quant Time: Apr 02 06:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

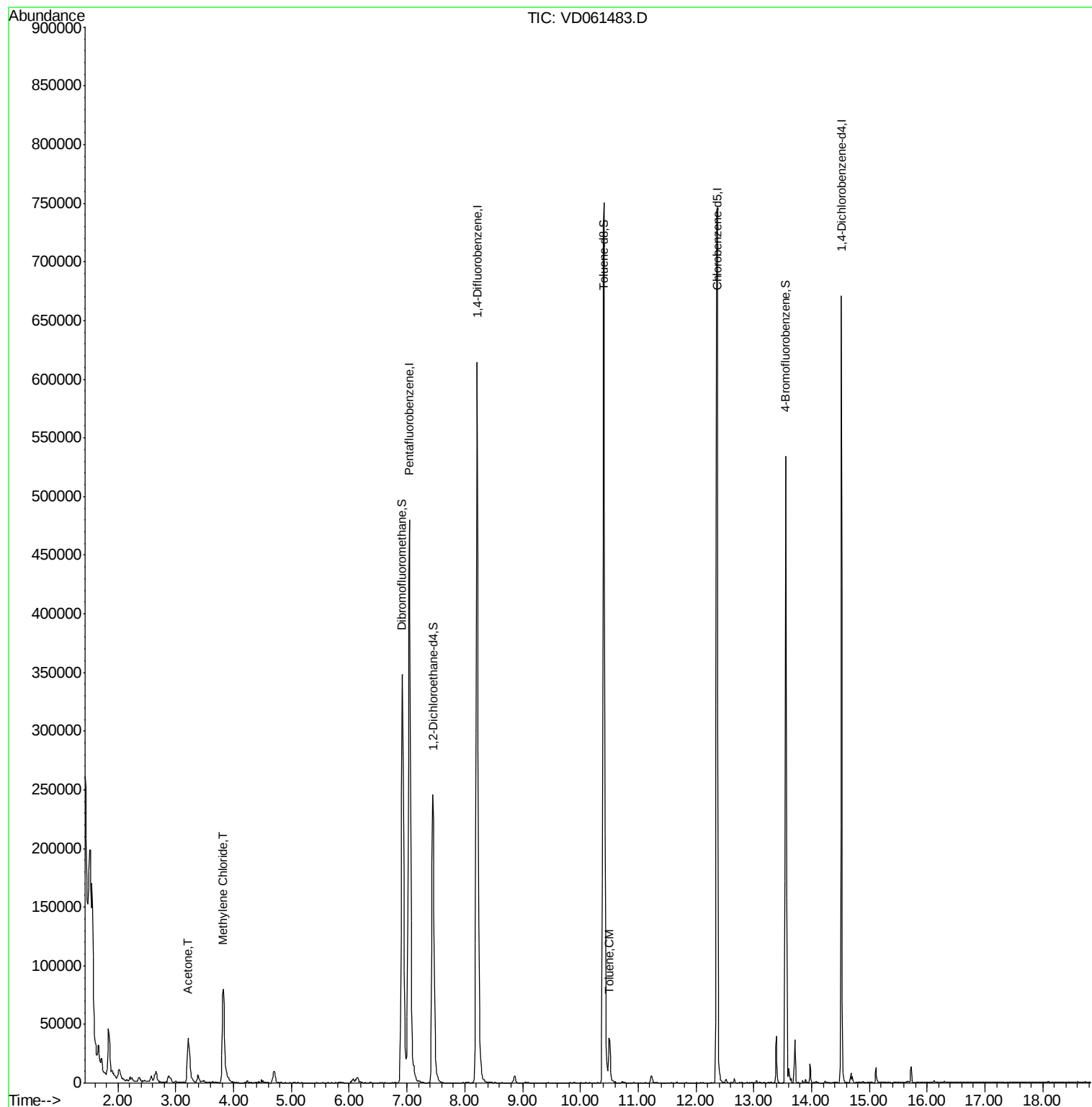
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	486682	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	751689	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	507219	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	147534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	248053	59.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	119.32%	
35) Dibromofluoromethane	6.92	113	351451	61.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	122.36%	
50) Toluene-d8	10.41	98	693557	50.34	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	13.55	95	187397	35.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.94%	
Target Compounds						
16) Acetone	3.21	43	80444	75.270	ug/l	95
20) Methylene Chloride	3.82	84	62895	8.928	ug/l	92
52) Toluene	10.51	92	21225	2.113	ug/l	93

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD061483.D

Acq: 1 Apr 2019 22:00

Instrument :

MSVOA_D

ClientSampleId :

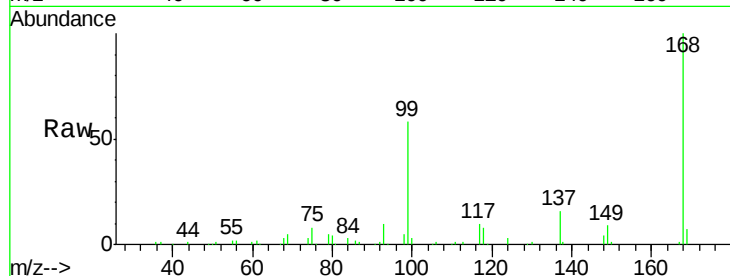
S7C(16)

Tot Ion:168 Resp: 486682

Ion Ratio Lower Upper

168 100

99 57.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

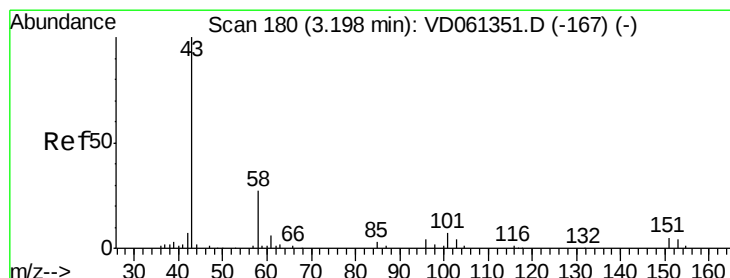
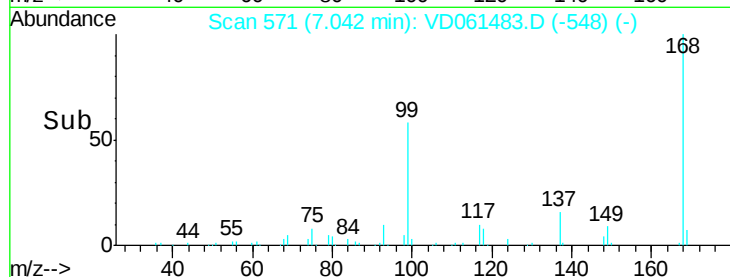
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 75.270 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061483.D

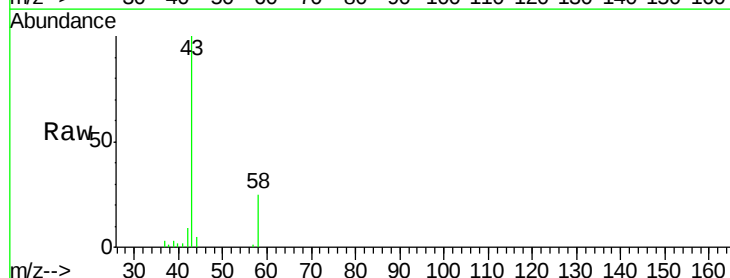
Acq: 1 Apr 2019 22:00

Tgt Ion: 43 Resp: 80444

Ion Ratio Lower Upper

43 100

58 24.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

30000

25000

20000

15000

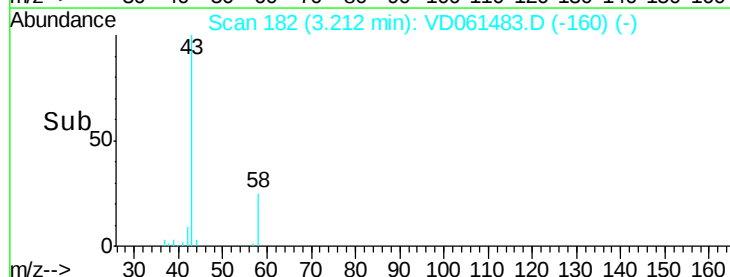
10000

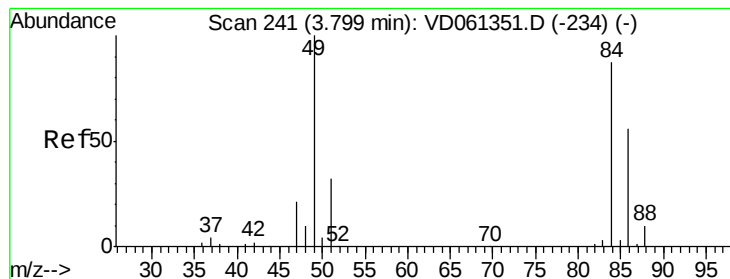
5000

0

Time-->

3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 8.928 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061483.D

Acq: 1 Apr 2019 22:00

Instrument :

MSVOA_D

ClientSampleId :

S7C(16)

Tot Ion: 84 Resp: 62895

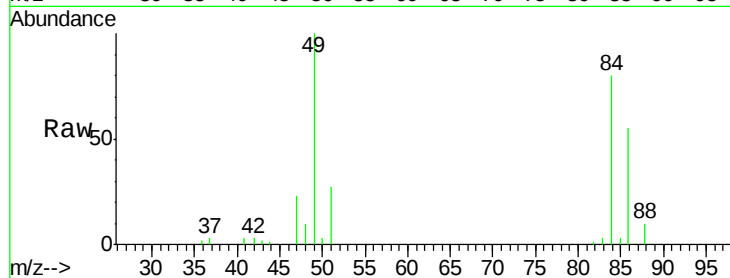
Ion Ratio Lower Upper

84 100

49 125.4 91.8 137.8

51 34.0 29.8 44.8

86 68.4 51.8 77.6

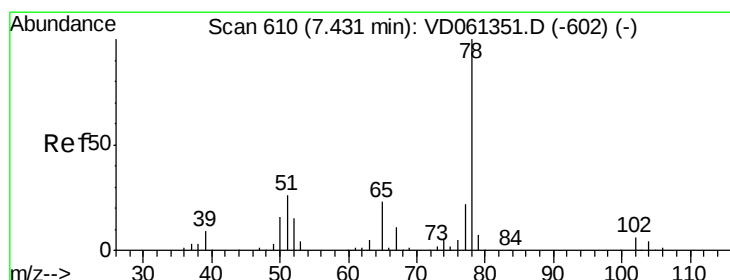
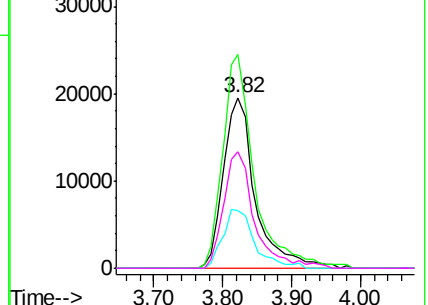
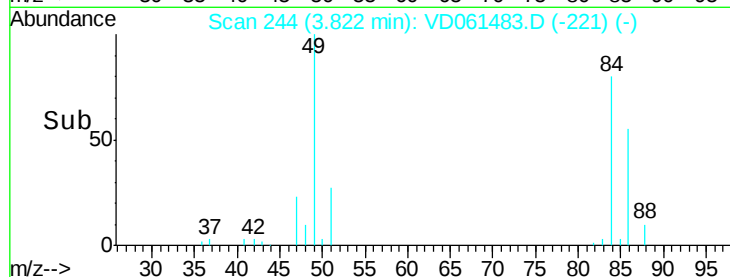


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061483.D

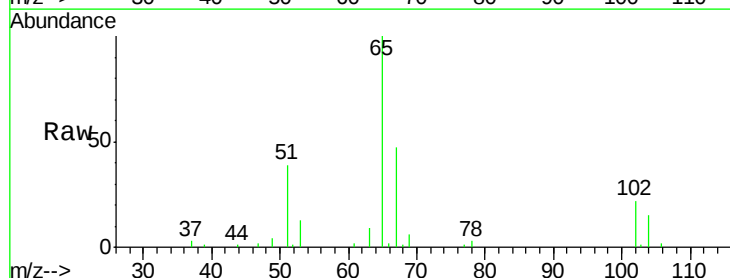
Acq: 1 Apr 2019 22:00

Tgt Ion: 65 Resp: 248053

Ion Ratio Lower Upper

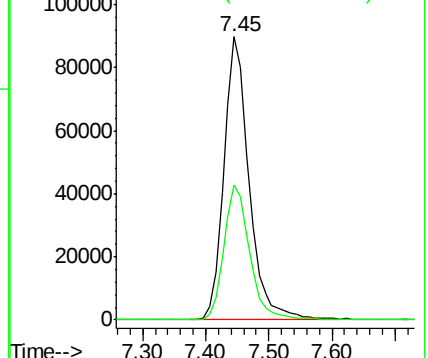
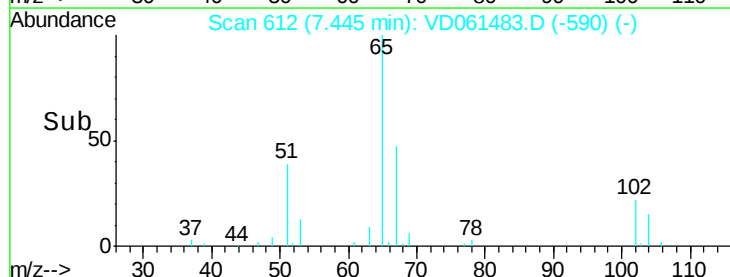
65 100

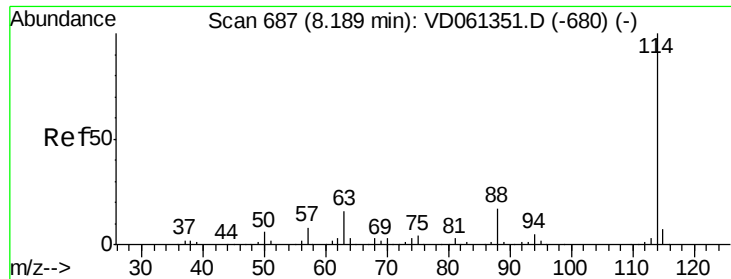
67 47.5 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

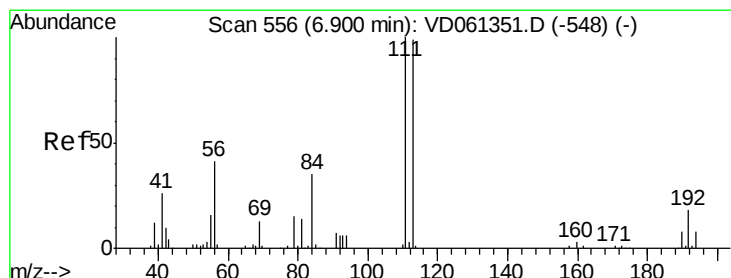
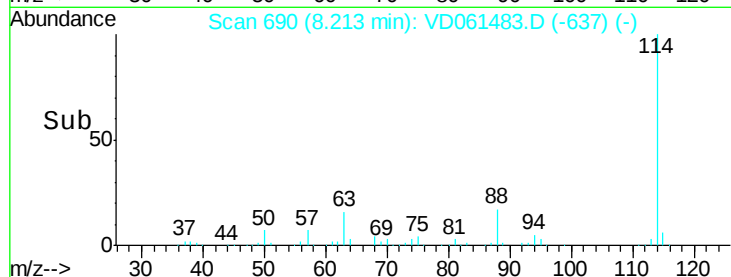
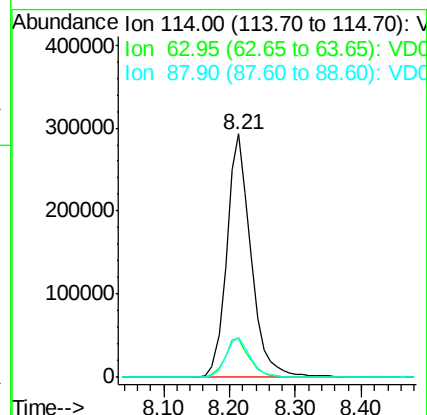
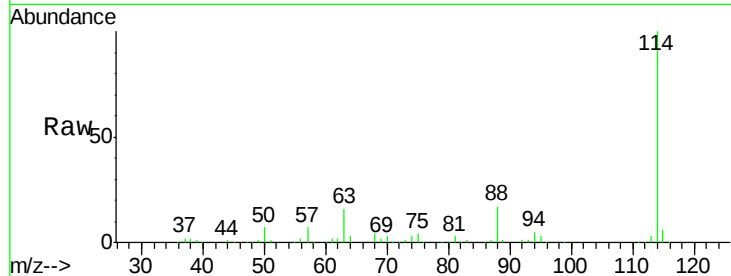




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061483.D
 Acq: 1 Apr 2019 22:00

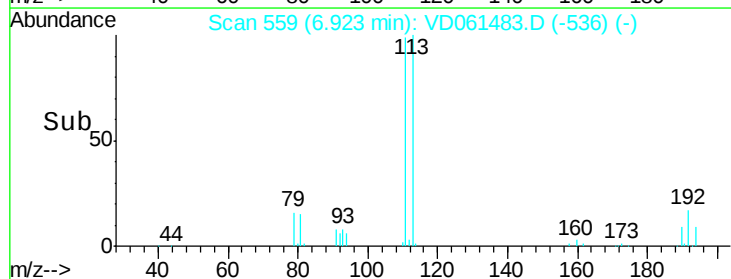
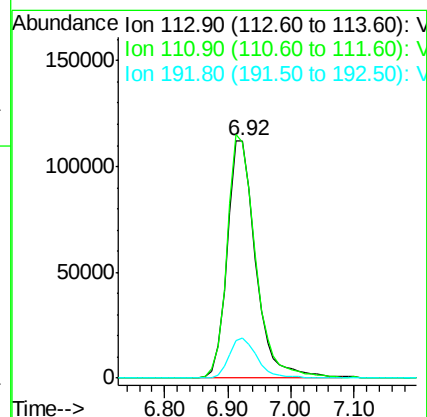
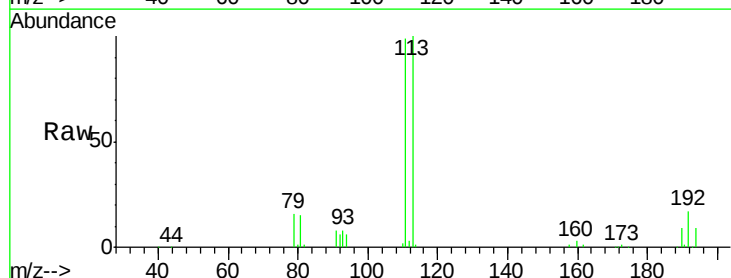
Instrument :
 MSVOA_D
 ClientSampleId :
 S7C(16)

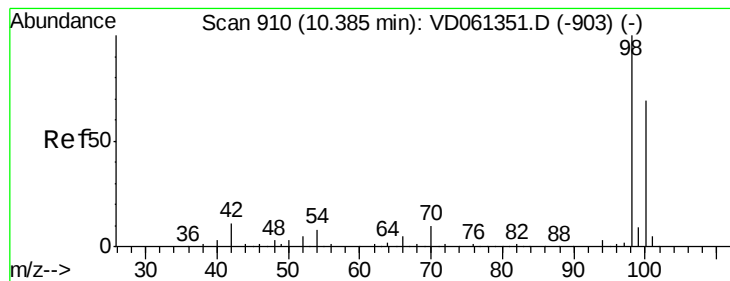
Tot Ion:114 Resp: 751689
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.6
 88 16.6 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD061483.D
 Acq: 1 Apr 2019 22:00

Tgt Ion:113 Resp: 351451
 Ion Ratio Lower Upper
 113 100
 111 99.4 81.0 121.6
 192 16.8 14.4 21.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD061483.D

Acq: 1 Apr 2019 22:00

Instrument :

MSVOA_D

ClientSampleId :

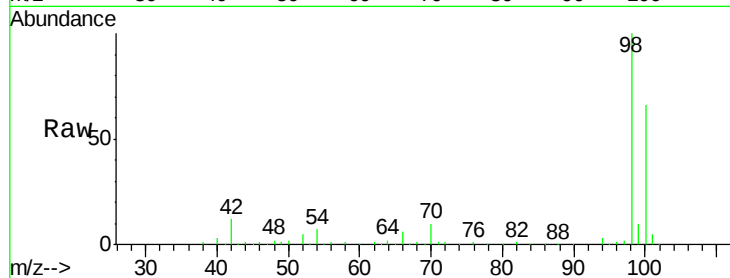
S7C(16)

Tot Ion: 98 Resp: 693557

Ion Ratio Lower Upper

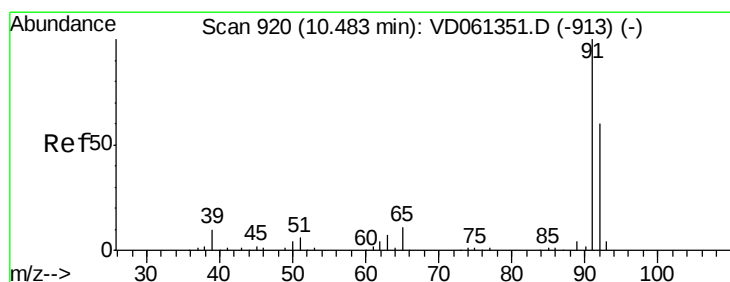
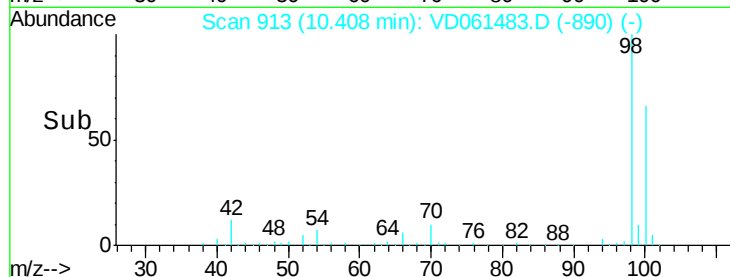
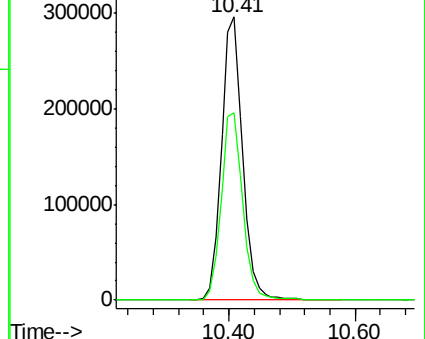
98 100

100 66.2 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 2.113 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.02 min

Lab File: VD061483.D

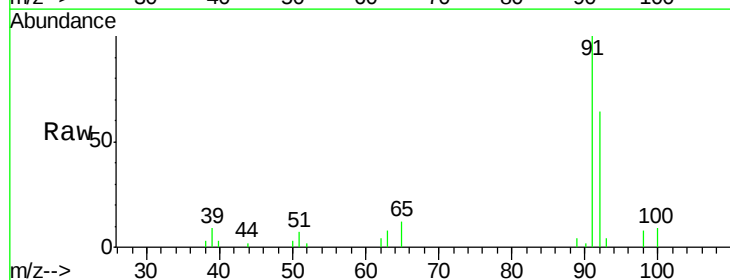
Acq: 1 Apr 2019 22:00

Tgt Ion: 92 Resp: 21225

Ion Ratio Lower Upper

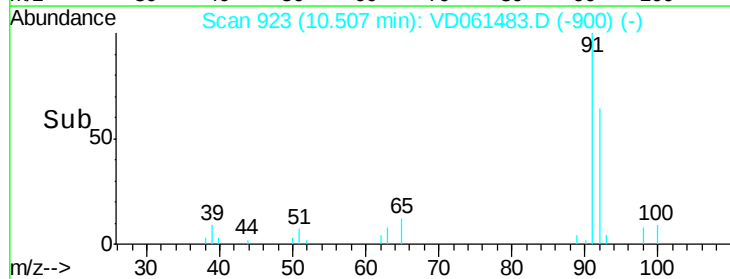
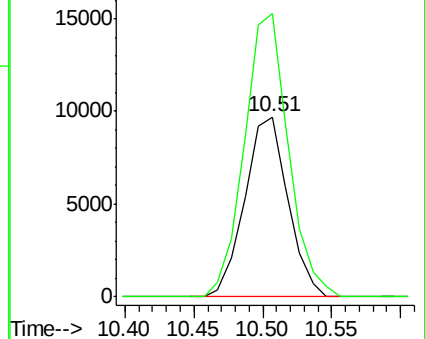
92 100

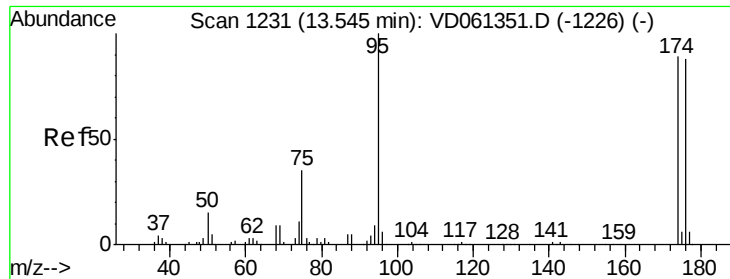
91 157.2 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

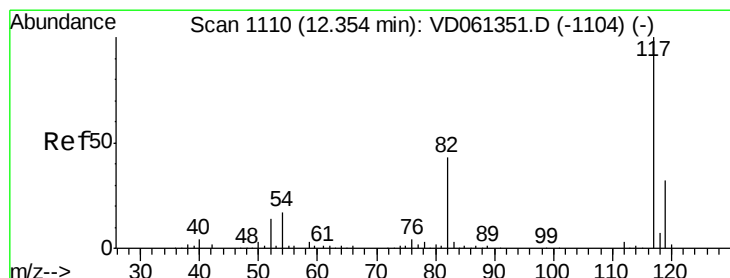
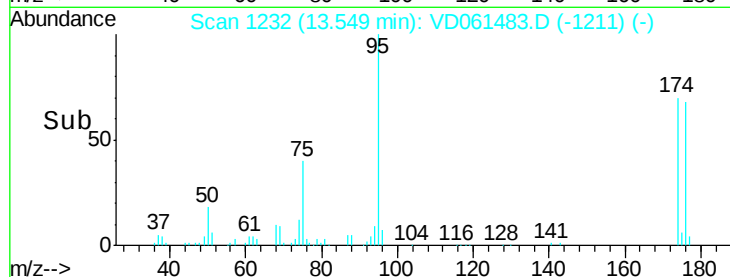
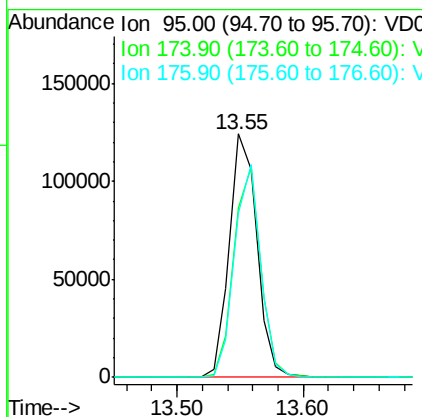
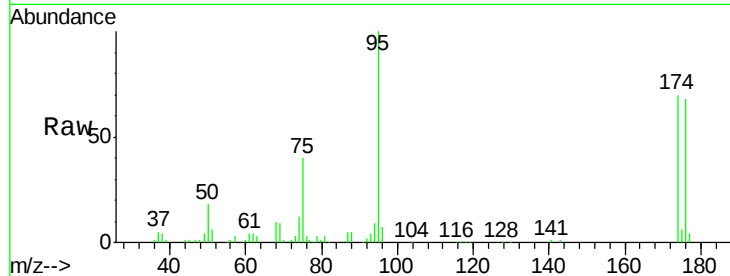




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061483.D
Acq: 1 Apr 2019 22:00

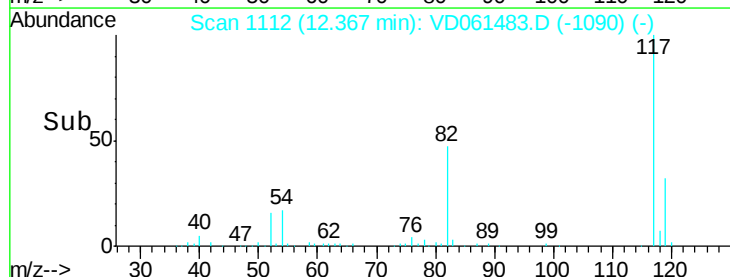
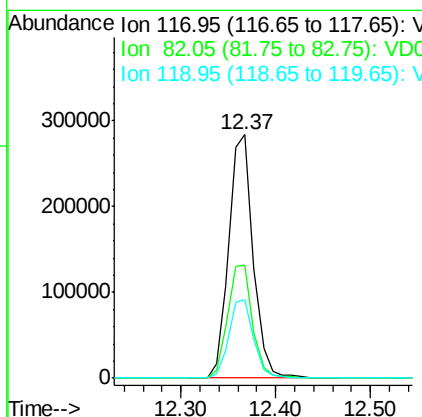
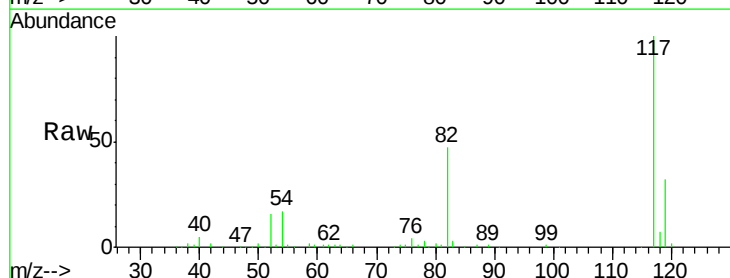
Instrument :
MSVOA_D
ClientSampleId :
S7C(16)

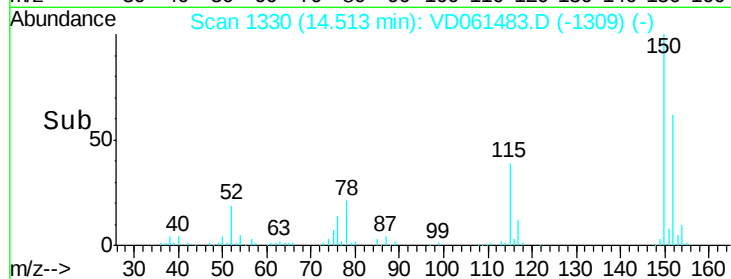
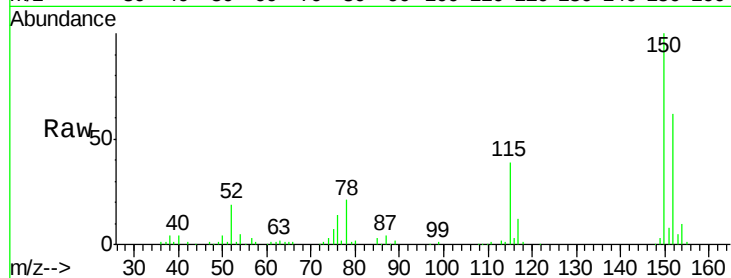
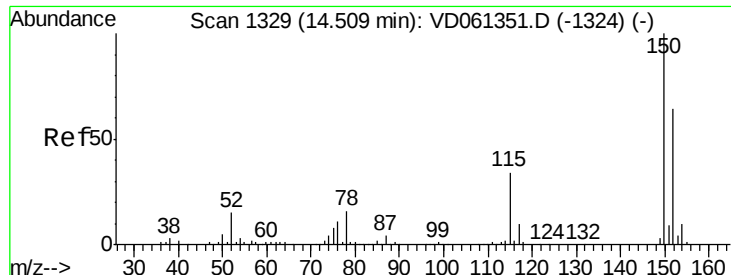
Tot Ion: 95 Resp: 187397
Ion Ratio Lower Upper
95 100
174 69.7 0.0 178.0
176 67.7 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061483.D
Acq: 1 Apr 2019 22:00

Tgt Ion: 117 Resp: 507219
Ion Ratio Lower Upper
117 100
82 46.6 34.4 51.6
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061483.D

Acq: 1 Apr 2019 22:00

Instrument :

MSVOA_D

ClientSampleId :

S7C(16)

Tot Ion:152 Resp: 147534

Ion Ratio Lower Upper

152 100

115 62.7 26.9 80.6

150 162.3 0.0 318.0

