

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061765.D
 Acq On : 12 Apr 2019 5:10
 Operator : VA/AP
 Sample : K2342-14
 Misc : 4.43g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-D2

Quant Time: Apr 12 06:01:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

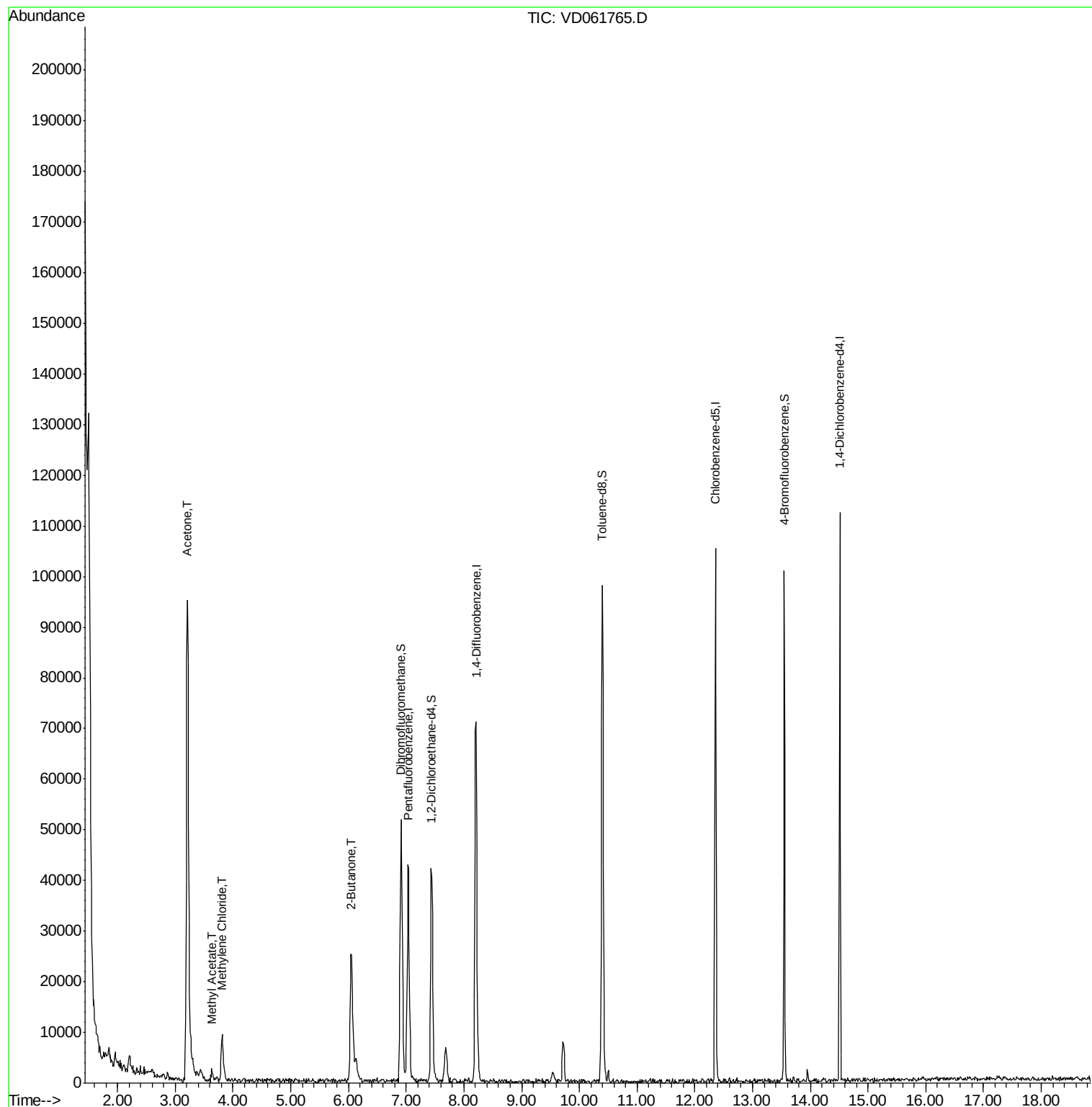
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	46806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	92290	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	66568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	25134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	45202	127.41	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	254.82%	
35) Dibromofluoromethane	6.91	113	48828	76.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.74%	
50) Toluene-d8	10.40	98	85644	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	13.55	95	32409	59.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.62%	
Target Compounds						
16) Acetone	3.21	43	188435	1776.723	ug/l	98
18) Methyl Acetate	3.63	43	3438	17.230	ug/l	96
20) Methylene Chloride	3.82	84	7235	12.022	ug/l #	87
25) 2-Butanone	6.04	43	60605	495.680	ug/l	98

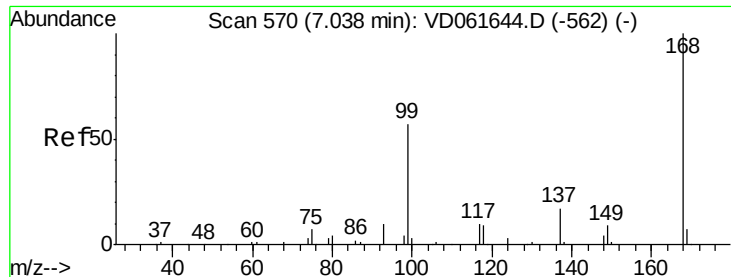
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD061765.D

Acq: 12 Apr 2019 5:10

Instrument :

MSVOA_D

ClientSampleId :

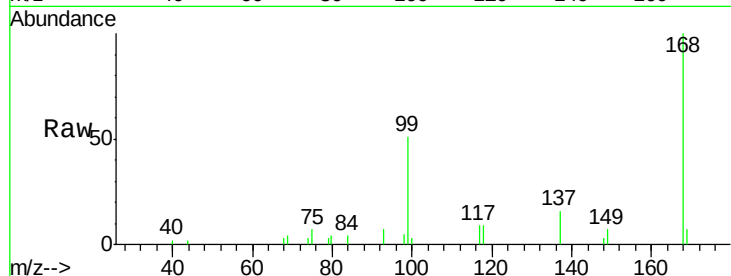
TP-12-D2

Tot Ion:168 Resp: 46806

Ion Ratio Lower Upper

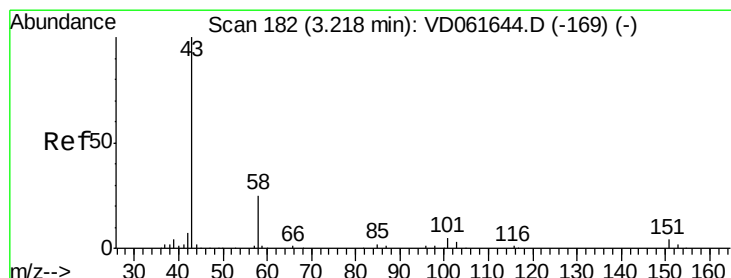
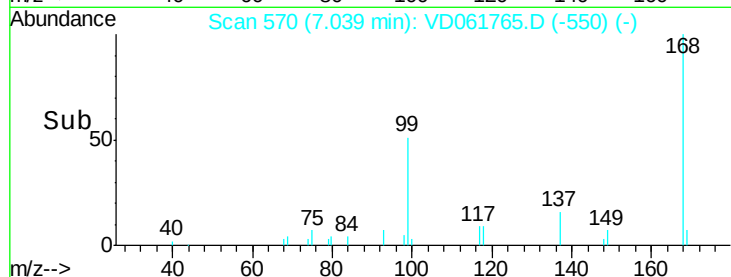
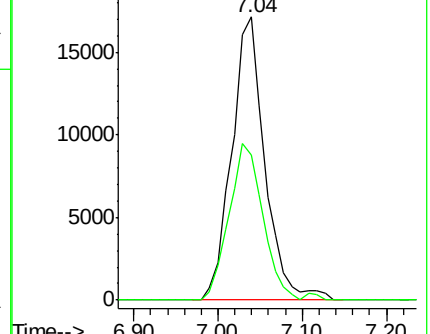
168 100

99 51.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 1776.723 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061765.D

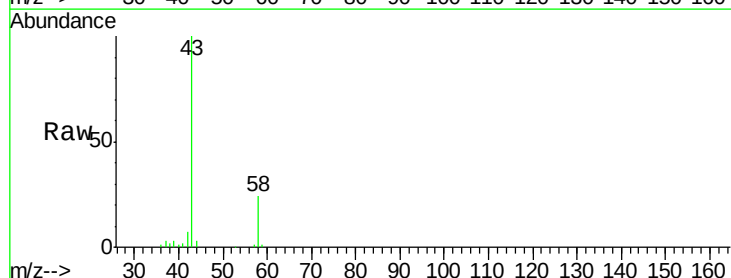
Acq: 12 Apr 2019 5:10

Tgt Ion: 43 Resp: 188435

Ion Ratio Lower Upper

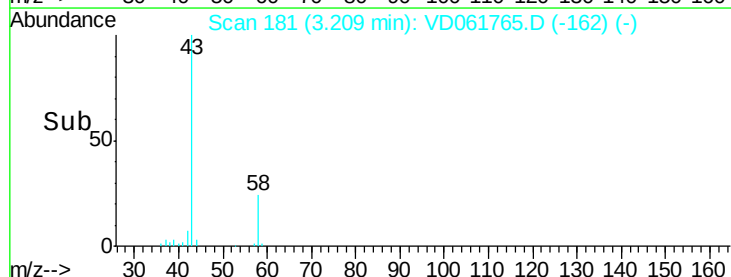
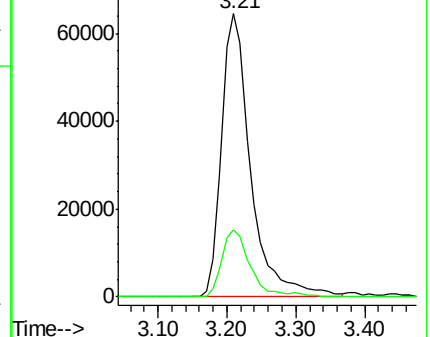
43 100

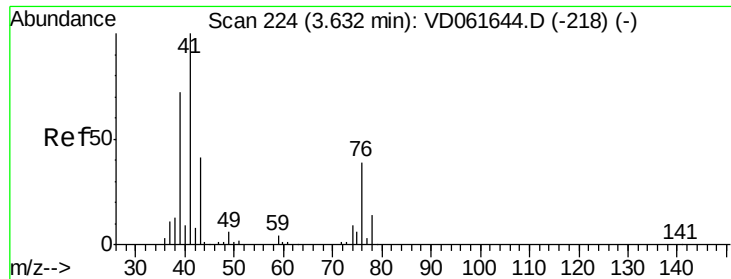
58 23.7 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

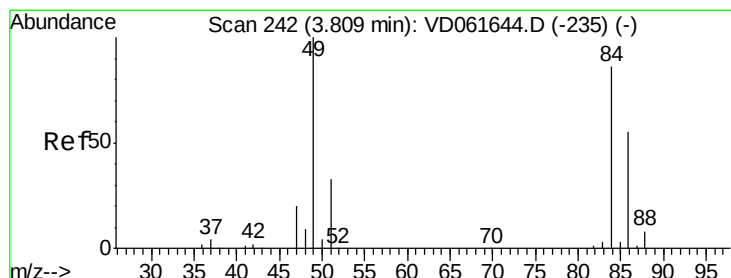
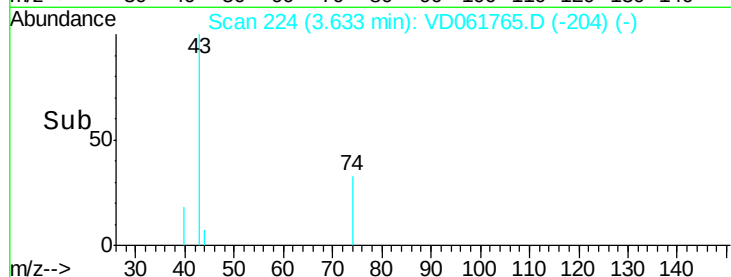
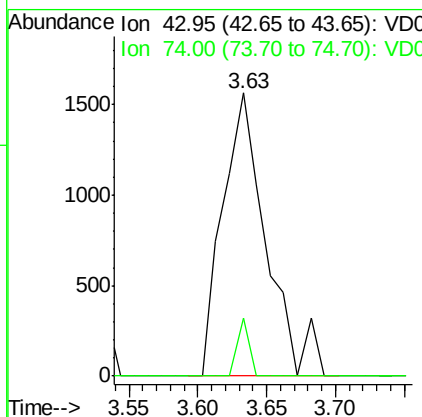
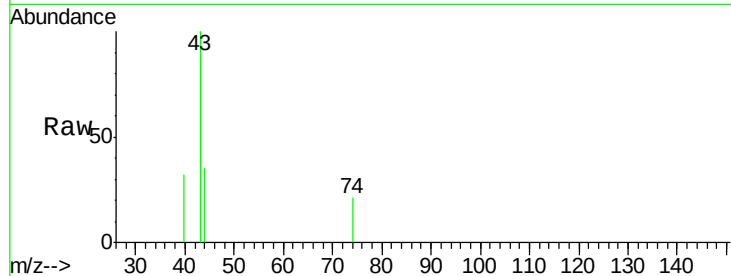




#18
Methyl Acetate
Concen: 17.230 ug/l
RT: 3.63 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD061765.D
Acq: 12 Apr 2019 5:10

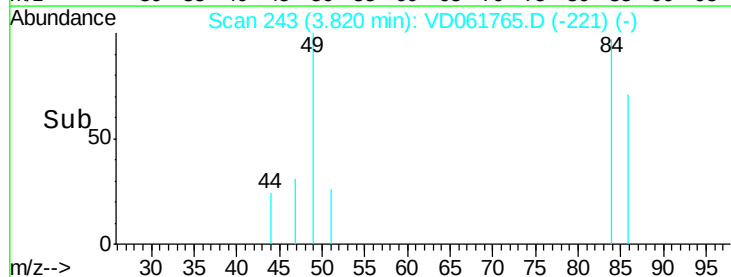
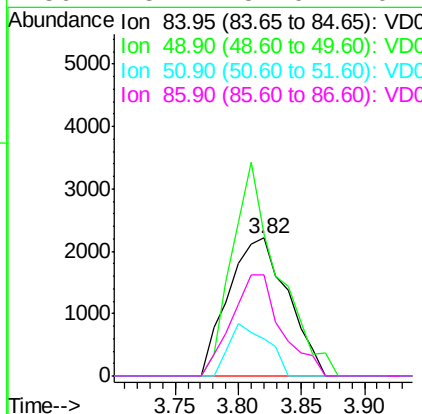
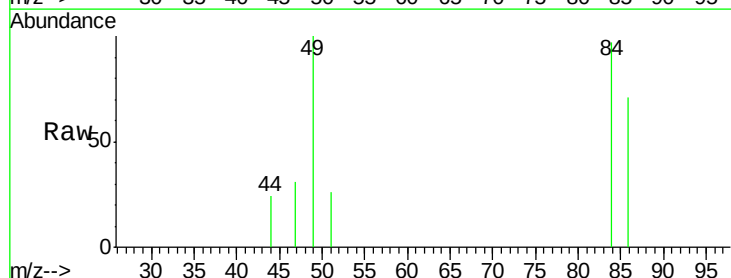
Instrument :
MSVOA_D
ClientSampleId :
TP-12-D2

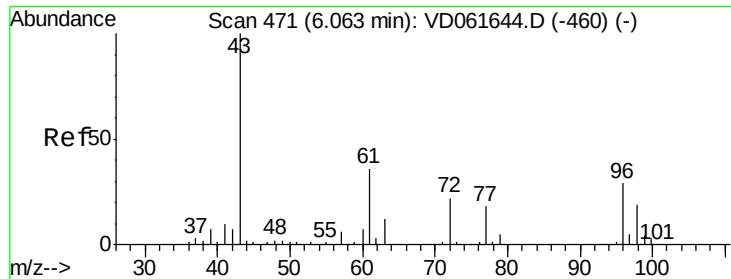
Tot Ion: 43 Resp: 3438
Ion Ratio Lower Upper
43 100
74 20.6 18.2 27.2



#20
Methylene Chloride
Concen: 12.022 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061765.D
Acq: 12 Apr 2019 5:10

Tgt Ion: 84 Resp: 7235
Ion Ratio Lower Upper
84 100
49 103.4 93.0 139.4
51 27.1 30.4 45.6#
86 73.1 51.0 76.4





#25

2-Butanone

Concen: 495.680 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.02 min

Lab File: VD061765.D

Acq: 12 Apr 2019 5:10

Instrument :

MSVOA_D

ClientSampled :

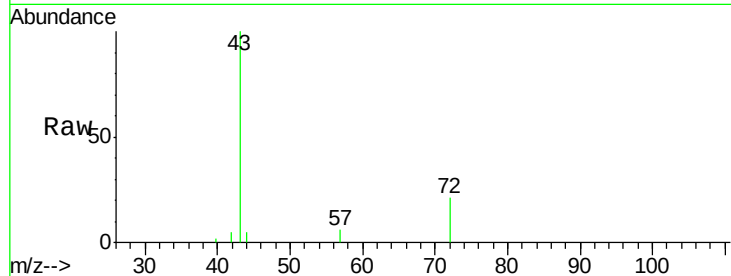
TP-12-D2

Tot Ion: 43 Resp: 60605

Ion Ratio Lower Upper

43 100

72 20.8 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.04

20000

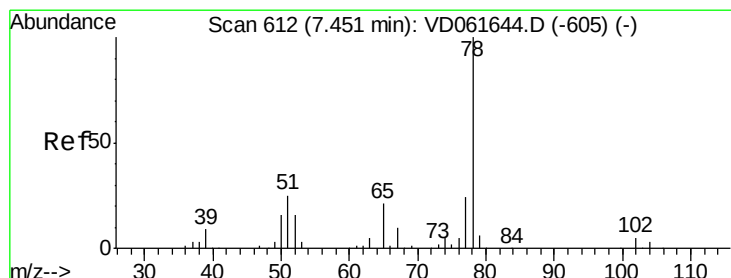
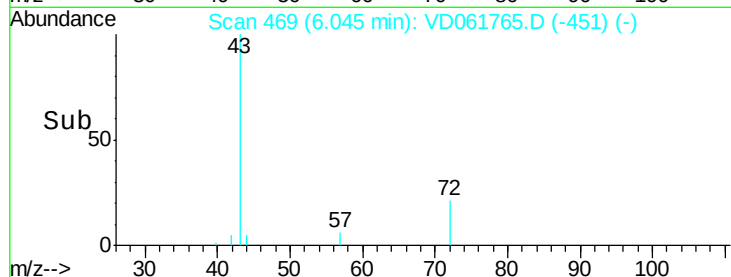
15000

10000

5000

0

Time--> 5.90 6.00 6.10 6.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.02 min

Lab File: VD061765.D

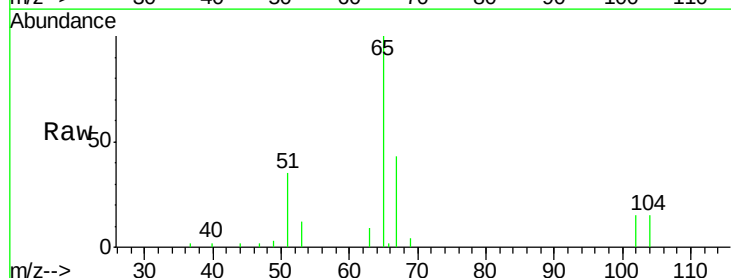
Acq: 12 Apr 2019 5:10

Tgt Ion: 65 Resp: 45202

Ion Ratio Lower Upper

65 100

67 42.8 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

20000

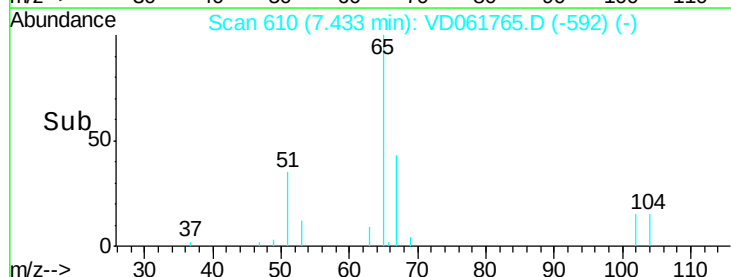
15000

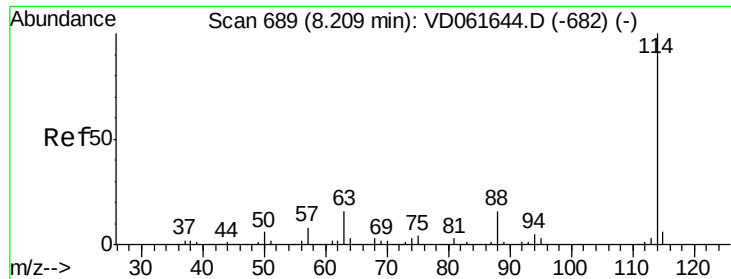
10000

5000

0

Time--> 7.30 7.40 7.50





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD061765.D

Acq: 12 Apr 2019 5:10

Instrument :

MSVOA_D

ClientSampleId :

TP-12-D2

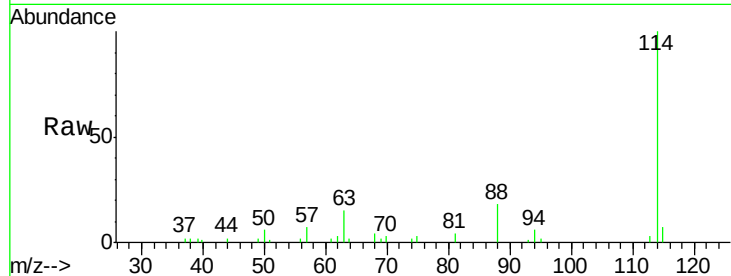
Tot Ion:114 Resp: 92290

Ion Ratio Lower Upper

114 100

63 15.1 0.0 31.2

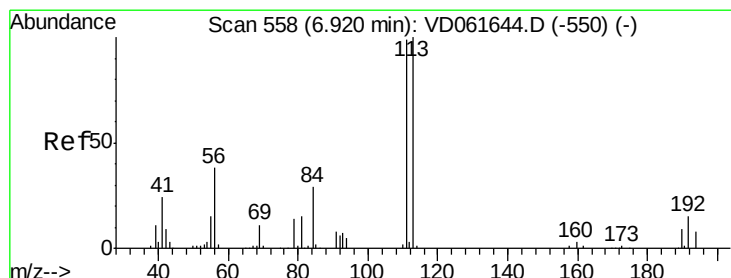
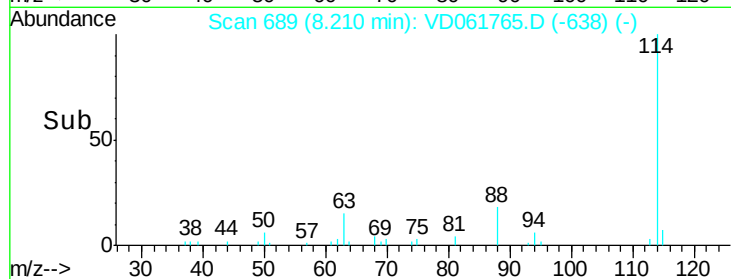
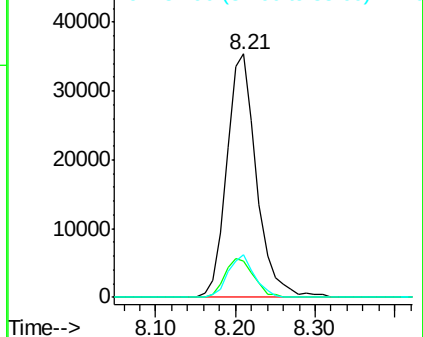
88 17.7 0.0 31.8



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: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD061765.D

Acq: 12 Apr 2019 5:10

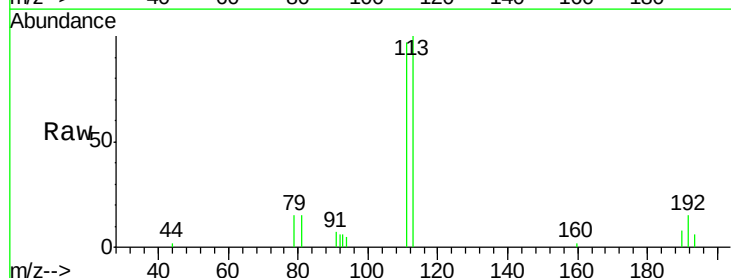
Tgt Ion:113 Resp: 48828

Ion Ratio Lower Upper

113 100

111 96.9 79.3 118.9

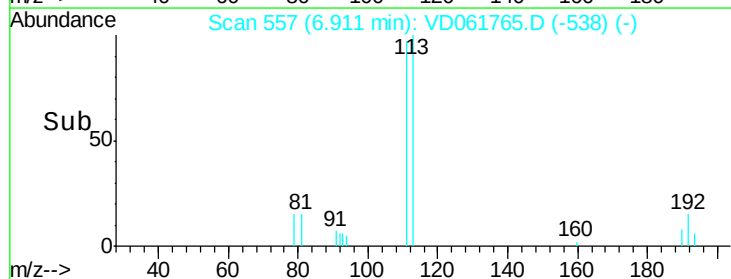
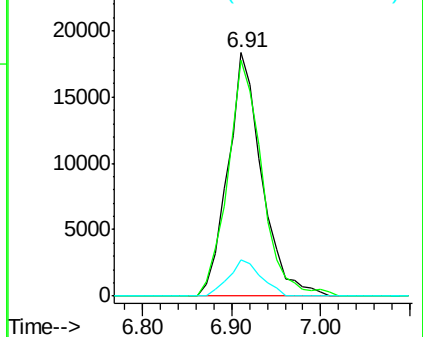
192 15.0 12.3 18.5

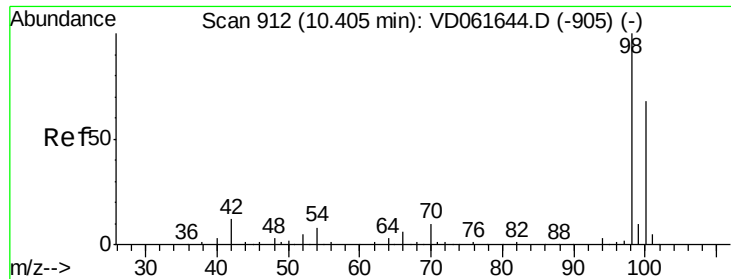


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

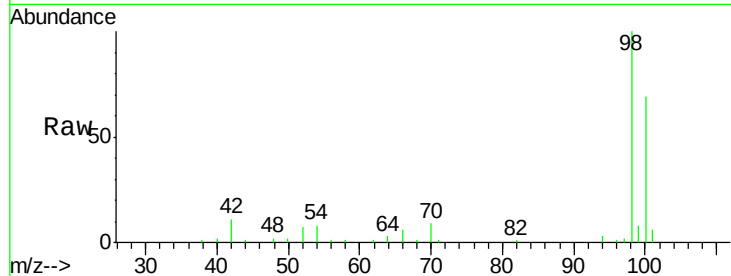




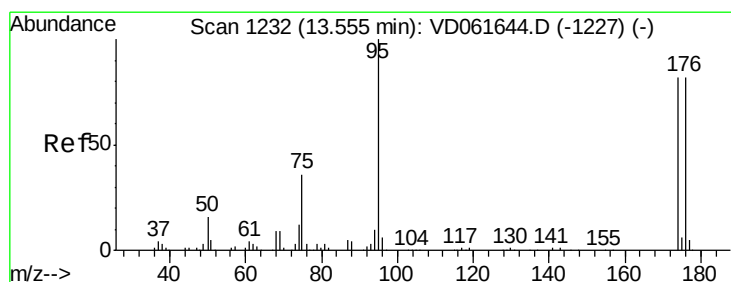
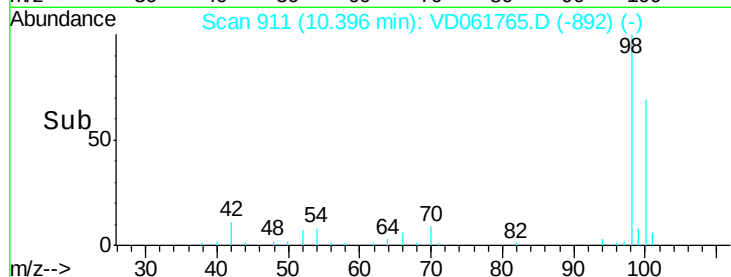
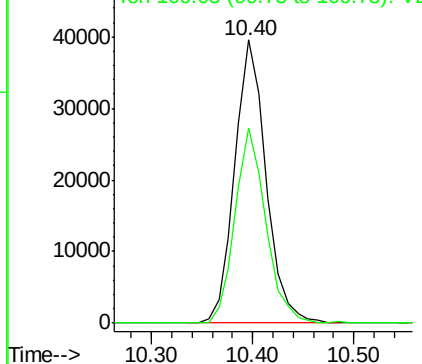
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061765.D
Acq: 12 Apr 2019 5:10

Instrument :
MSVOA_D
ClientSampleId :
TP-12-D2

Tot Ion: 98 Resp: 85644
Ion Ratio Lower Upper
98 100
100 69.1 55.4 83.0

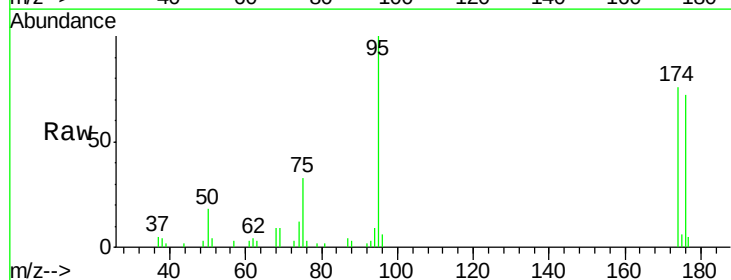


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

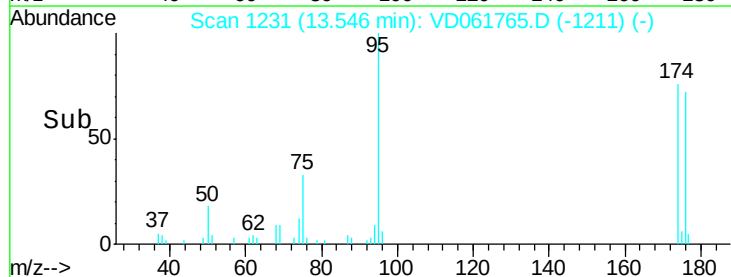
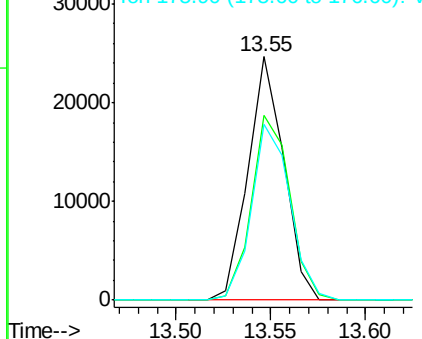


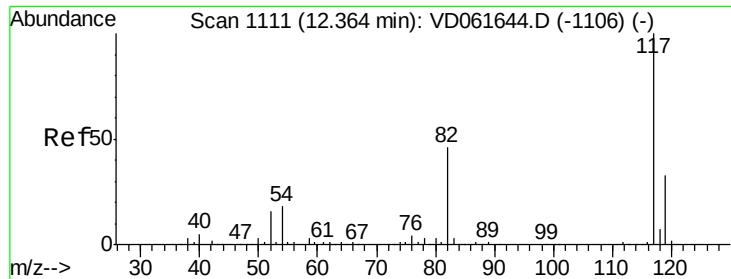
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061765.D
Acq: 12 Apr 2019 5:10

Tgt Ion: 95 Resp: 32409
Ion Ratio Lower Upper
95 100
174 75.8 0.0 164.6
176 72.2 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

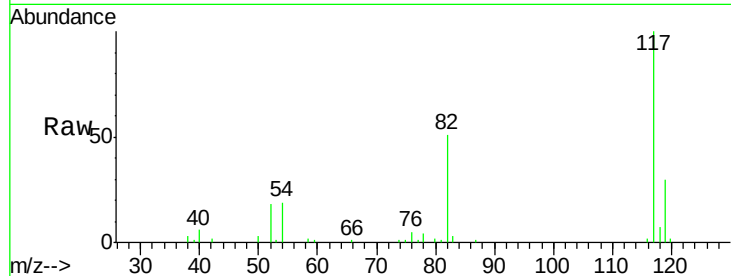




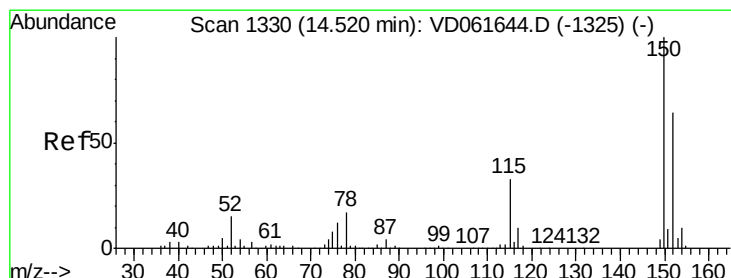
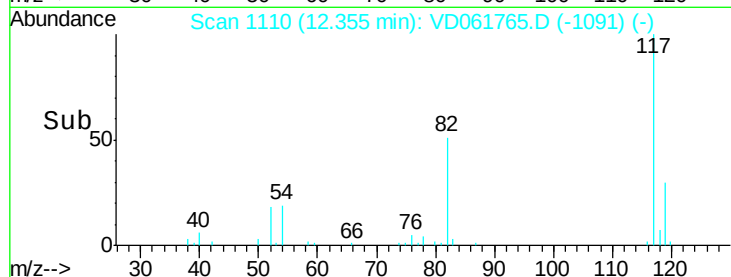
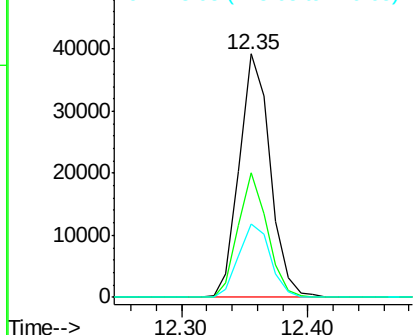
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061765.D
Acq: 12 Apr 2019 5:10

Instrument :
MSVOA_D
ClientSampled :
TP-12-D2

Tot Ion:117 Resp: 66568
Ion Ratio Lower Upper
117 100
82 51.3 36.8 55.2
119 30.3 26.1 39.1

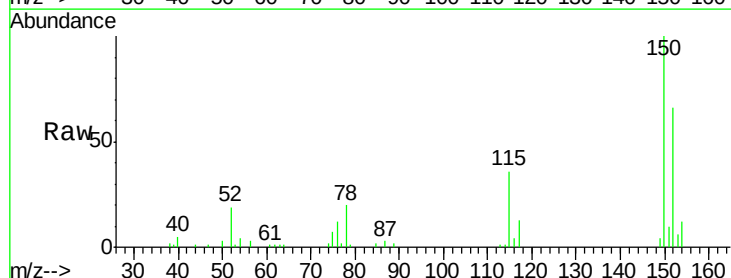


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061765.D
Acq: 12 Apr 2019 5:10

Tgt Ion:152 Resp: 25134
Ion Ratio Lower Upper
152 100
115 55.0 26.4 79.2
150 150.9 0.0 320.6



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

