

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061762.D
 Acq On : 12 Apr 2019 3:47
 Operator : VA/AP
 Sample : K2342-02
 Misc : 2.89g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-S2

Quant Time: Apr 12 04:56:52 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

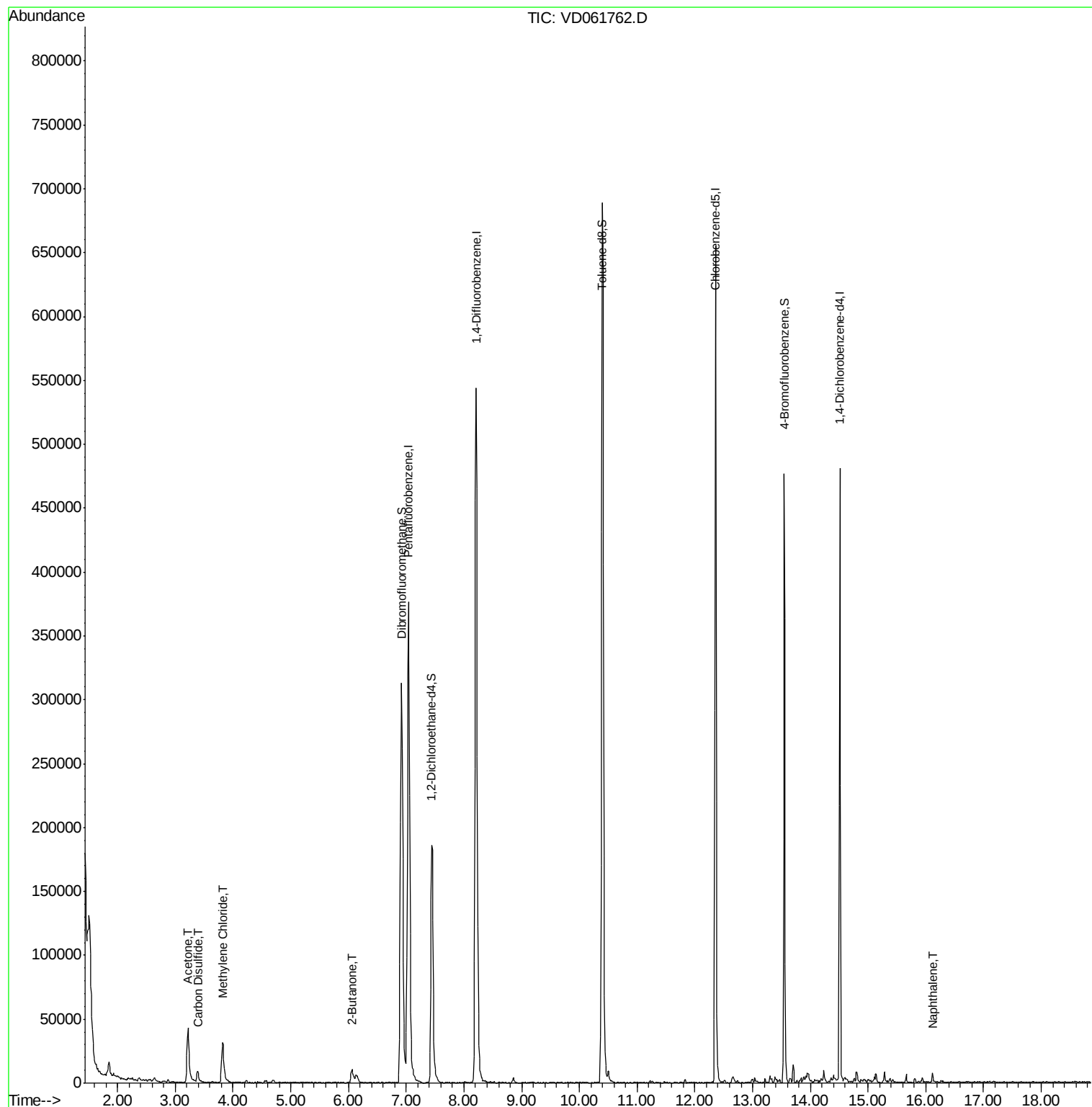
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	390300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	667261	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	415509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	103298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	193552	65.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.84%	
35) Dibromofluoromethane	6.92	113	307392	66.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.00%	
50) Toluene-d8	10.40	98	613167	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	13.55	95	152550	35.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.16%	
Target Compounds						
16) Acetone	3.22	43	85517	96.697	ug/l	98
17) Carbon Disulfide	3.39	76	16592	1.255	ug/l	97
20) Methylene Chloride	3.82	84	25610	5.103	ug/l	93
25) 2-Butanone	6.06	43	23758	23.303	ug/l	94
95) Naphthalene	16.11	128	4623	2.024	ug/l	96

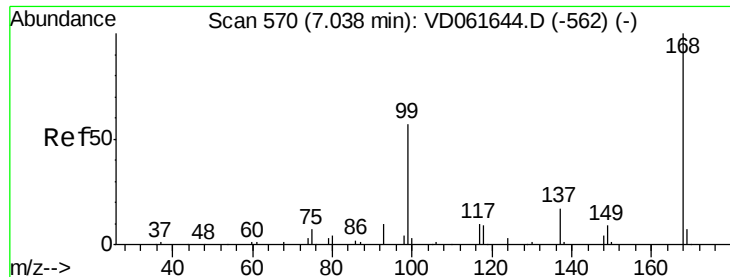
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
Data File : VD061762.D
Acq On : 12 Apr 2019 3:47
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Quant Time: Apr 12 04:56:52 2019
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: VD061762.D

Acq: 12 Apr 2019 3:47

Instrument :

MSVOA_D

ClientSampleId :

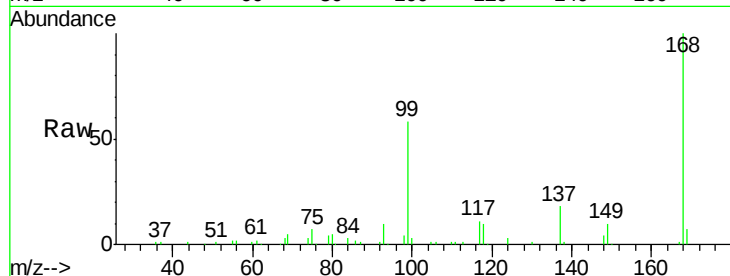
TP-11-S2

Tot Ion:168 Resp: 390300

Ion Ratio Lower Upper

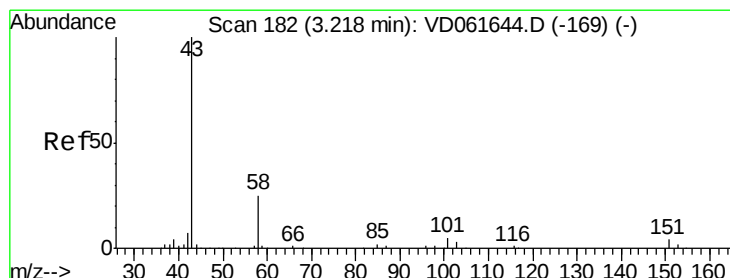
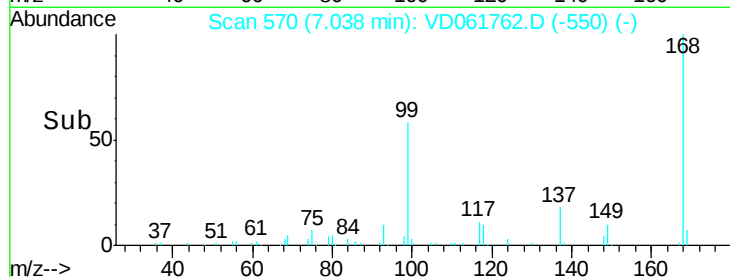
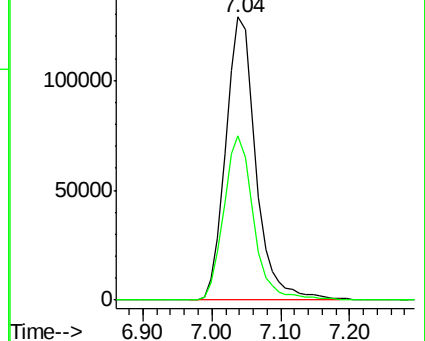
168 100

99 57.9 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: 96.697 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD061762.D

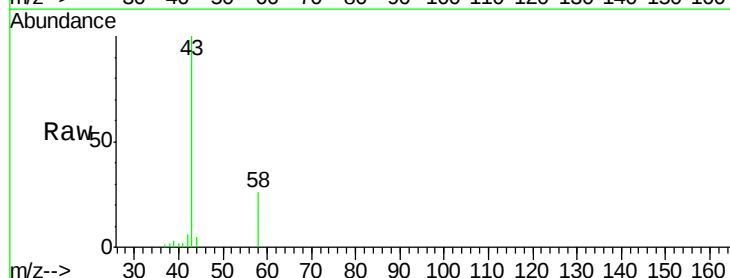
Acq: 12 Apr 2019 3:47

Tgt Ion: 43 Resp: 85517

Ion Ratio Lower Upper

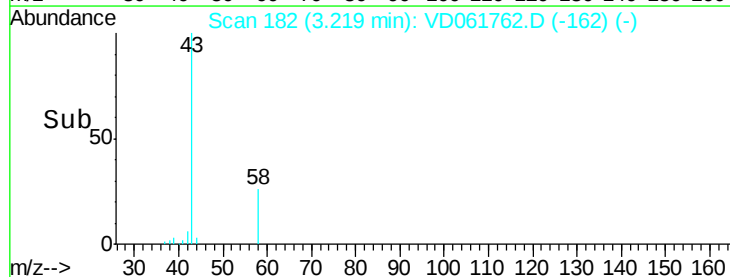
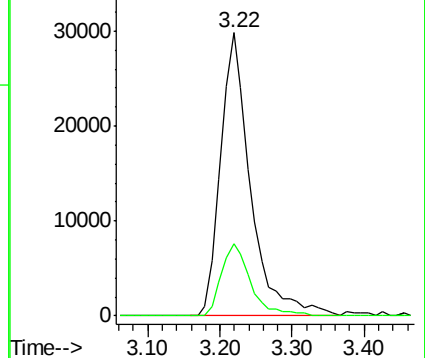
43 100

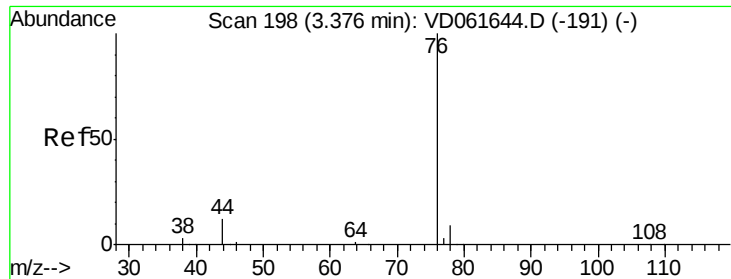
58 25.6 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.255 ug/l

RT: 3.39 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD061762.D

Acq: 12 Apr 2019 3:47

Instrument :

MSVOA_D

ClientSampleId :

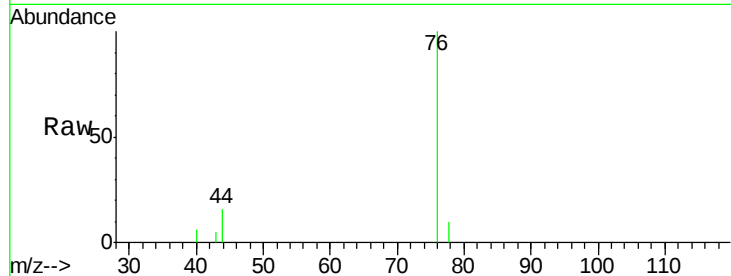
TP-11-S2

Tot Ion: 76 Resp: 16592

Ion Ratio Lower Upper

76 100

78 10.5 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.39

8000

6000

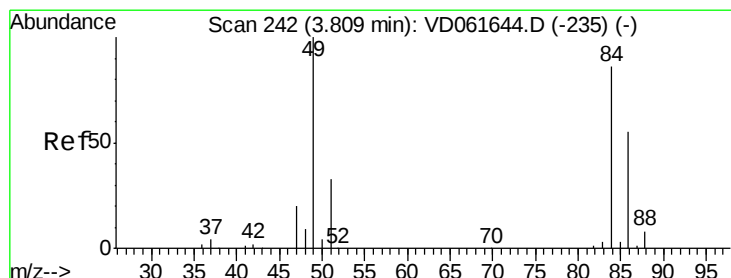
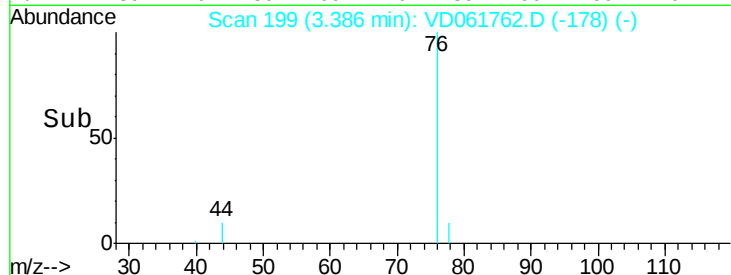
4000

2000

0

Time-->

3.30 3.35 3.40 3.45



#20

Methylene Chloride

Concen: 5.103 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061762.D

Acq: 12 Apr 2019 3:47

Tgt Ion: 84 Resp: 25610

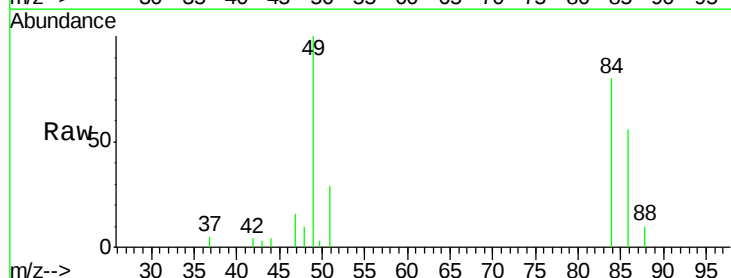
Ion Ratio Lower Upper

84 100

49 124.3 93.0 139.4

51 36.0 30.4 45.6

86 69.5 51.0 76.4



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

15000

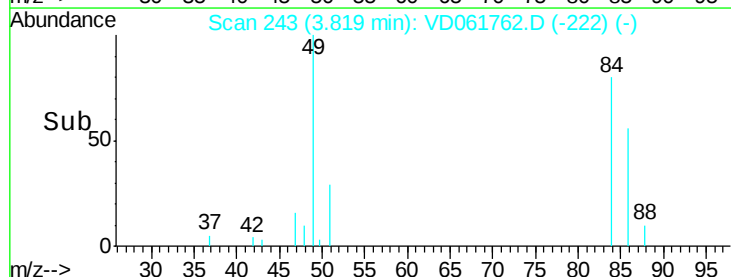
10000

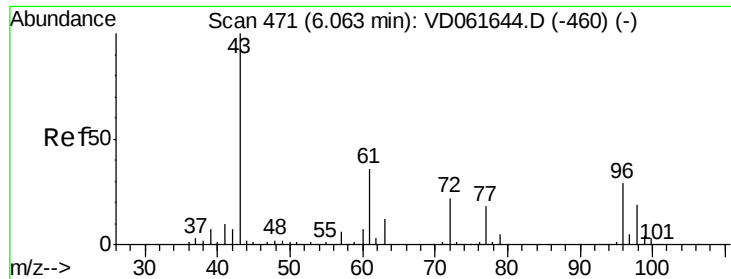
5000

0

Time-->

3.70 3.80 3.90 4.00

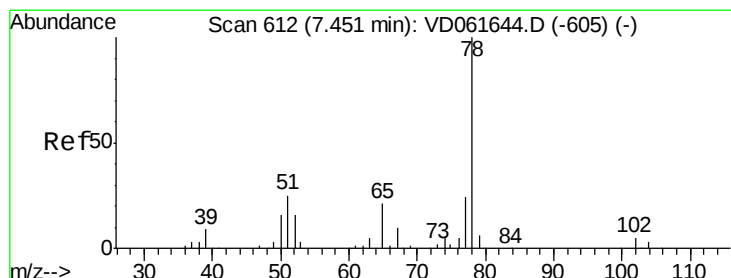
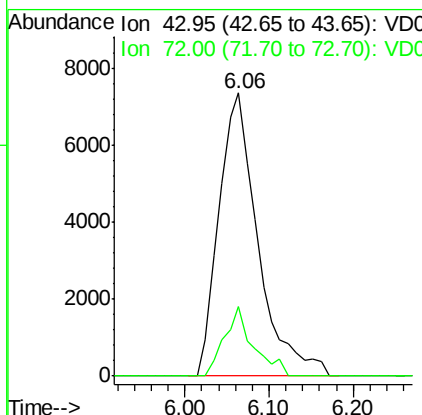
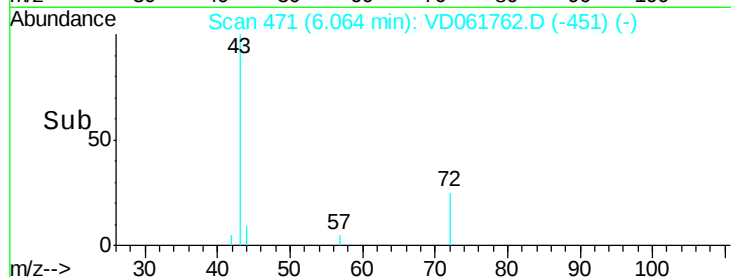
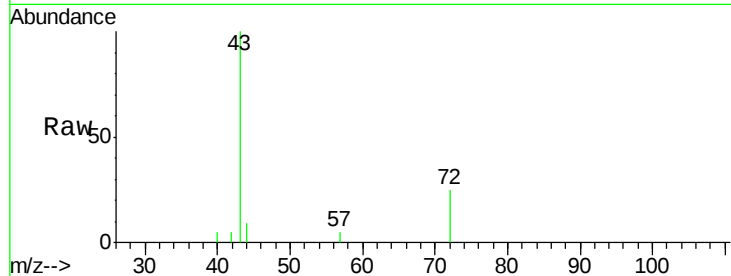




#25
2-Butanone
Concen: 23.303 ug/l
RT: 6.06 min Scan# 471
Delta R.T. 0.00 min
Lab File: VD061762.D
Acq: 12 Apr 2019 3:47

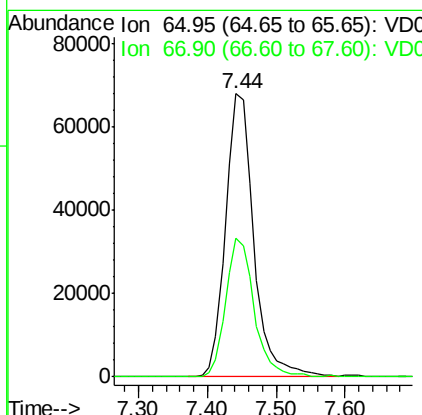
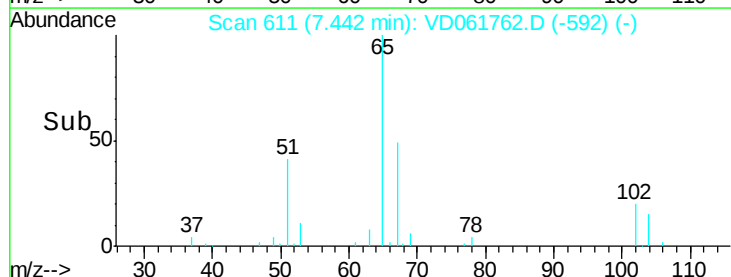
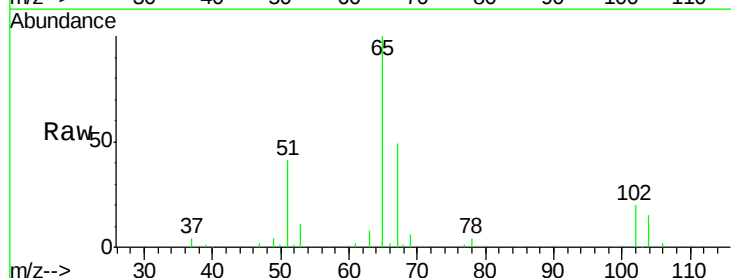
Instrument :
MSVOA_D
ClientSampleId :
TP-11-S2

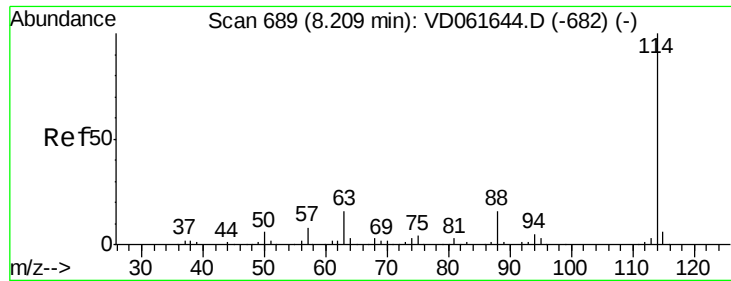
Tot Ion: 43 Resp: 23758
Ion Ratio Lower Upper
43 100
72 24.7 17.4 26.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061762.D
Acq: 12 Apr 2019 3:47

Tgt Ion: 65 Resp: 193552
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4

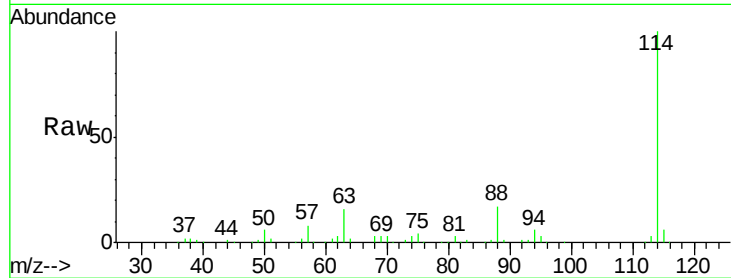




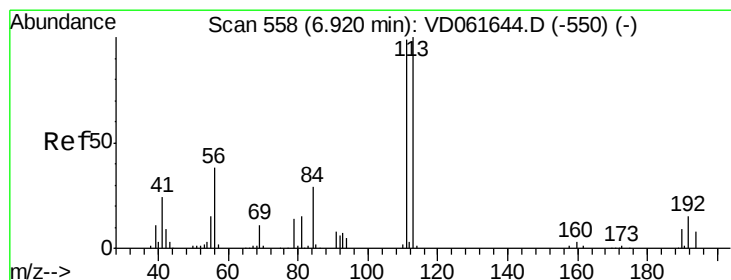
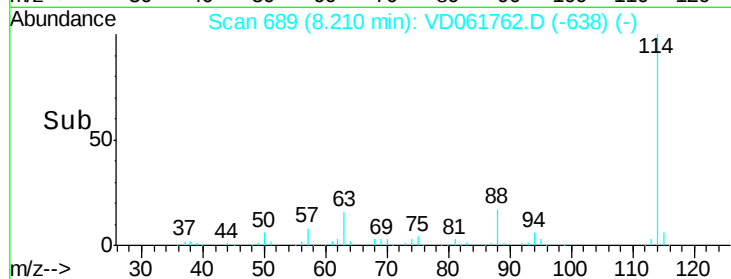
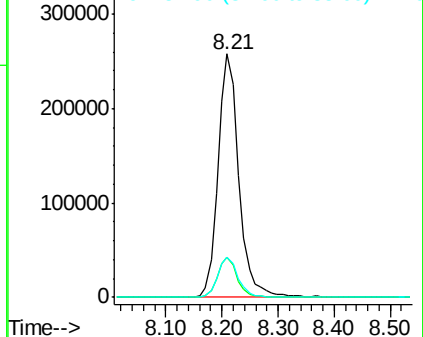
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD061762.D
 Acq: 12 Apr 2019 3:47

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-S2

Tot Ion:114 Resp: 667261
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.2
 88 16.7 0.0 31.8

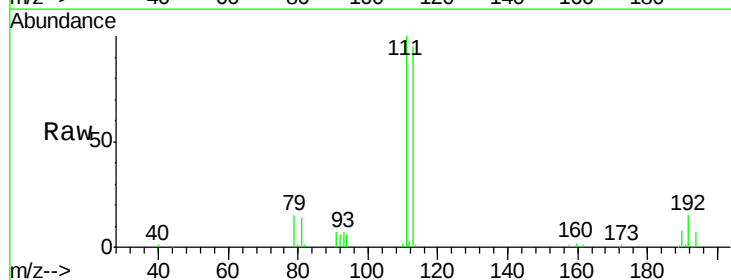


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

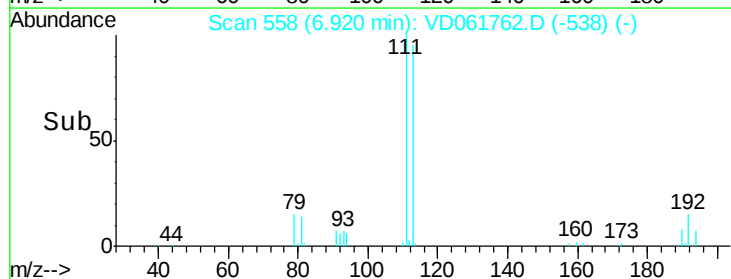
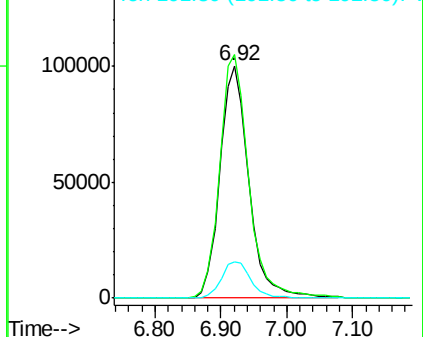


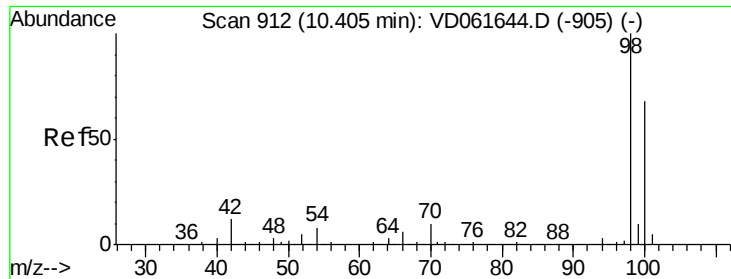
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD061762.D
 Acq: 12 Apr 2019 3:47

Tgt Ion:113 Resp: 307392
 Ion Ratio Lower Upper
 113 100
 111 104.9 79.3 118.9
 192 15.8 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

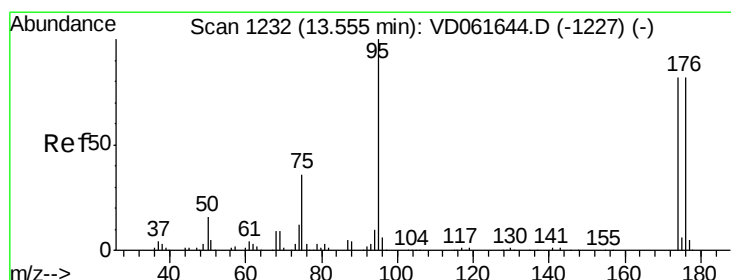
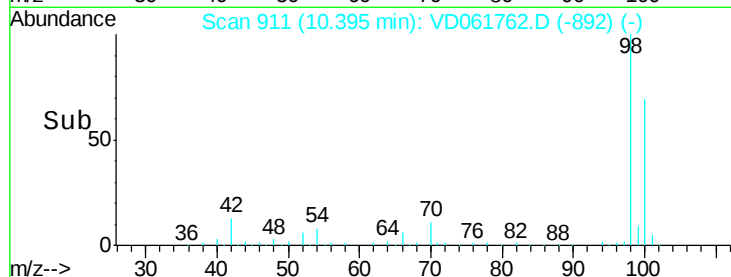
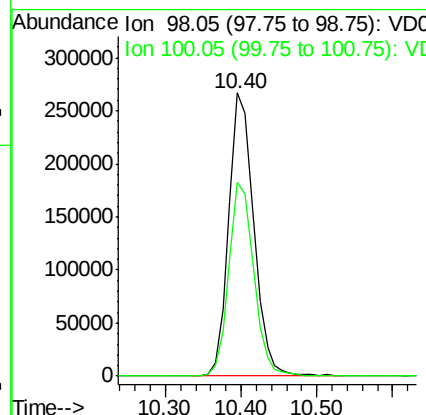
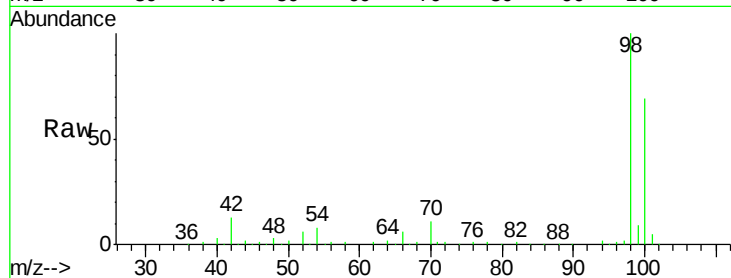




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061762.D
Acq: 12 Apr 2019 3:47

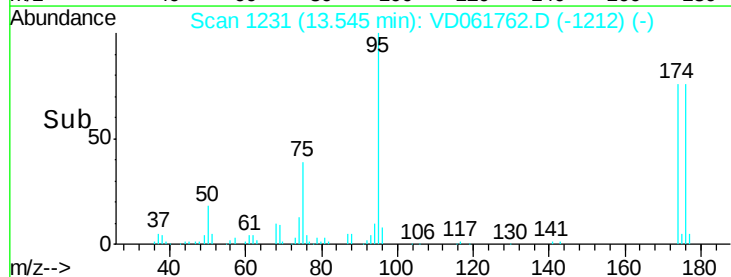
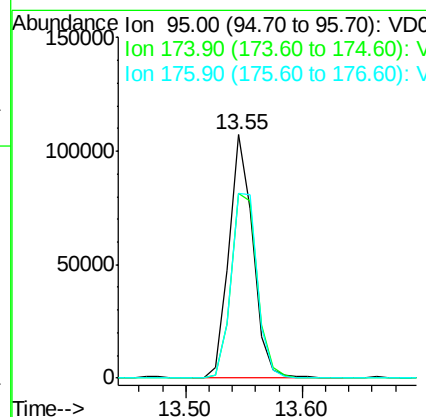
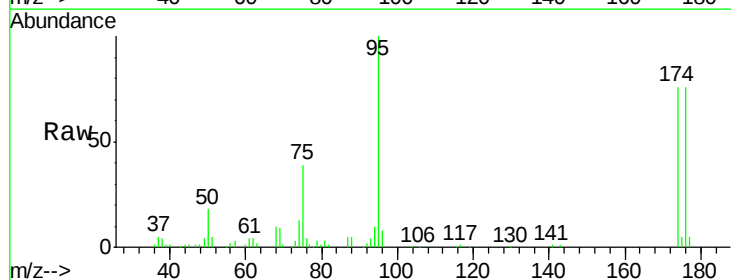
Instrument :
MSVOA_D
ClientSampleId :
TP-11-S2

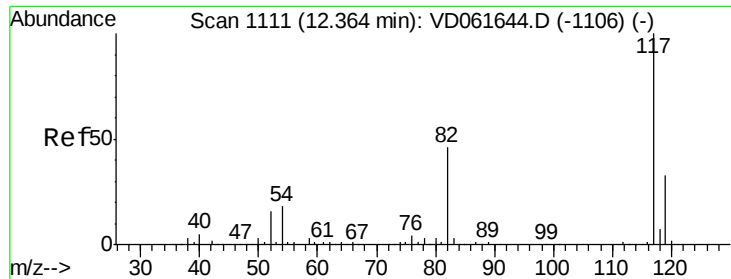
Tot Ion: 98 Resp: 613167
Ion Ratio Lower Upper
98 100
100 68.5 55.4 83.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061762.D
Acq: 12 Apr 2019 3:47

Tgt Ion: 95 Resp: 152550
Ion Ratio Lower Upper
95 100
174 76.0 0.0 164.6
176 76.0 0.0 165.0

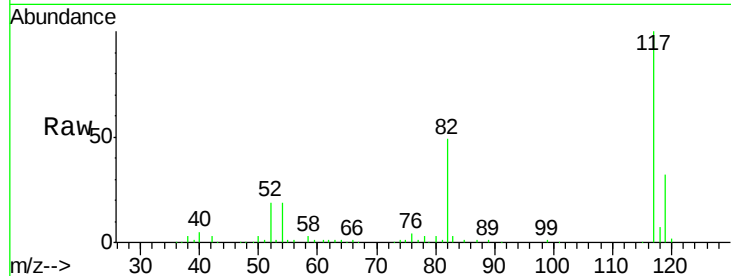




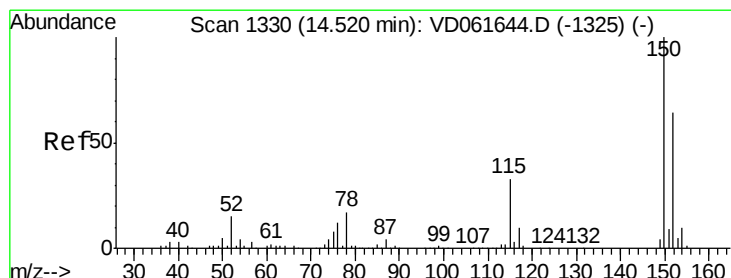
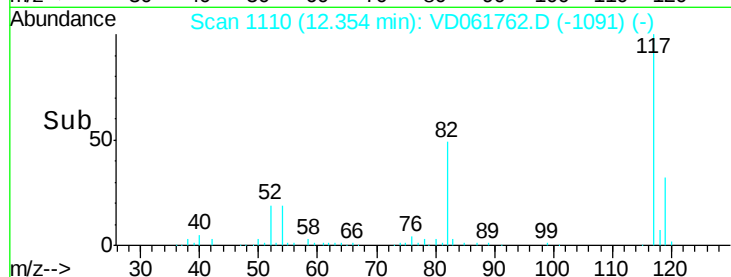
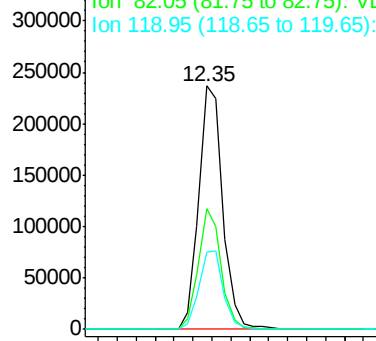
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061762.D
Acq: 12 Apr 2019 3:47

Instrument :
MSVOA_D
ClientSampleId :
TP-11-S2

Tot Ion:117 Resp: 415509
Ion Ratio Lower Upper
117 100
82 49.4 36.8 55.2
119 31.7 26.1 39.1

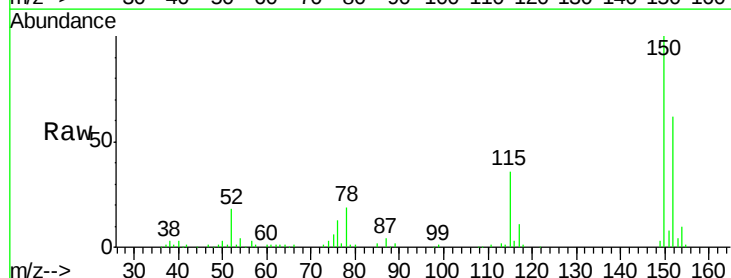


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

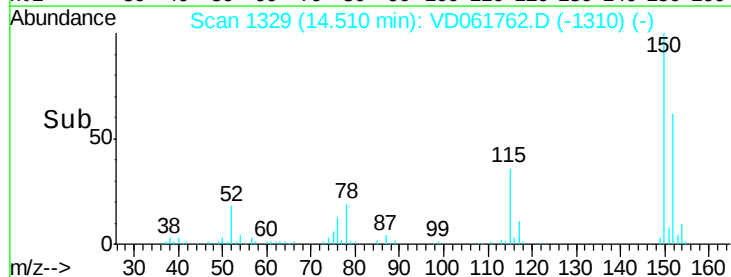
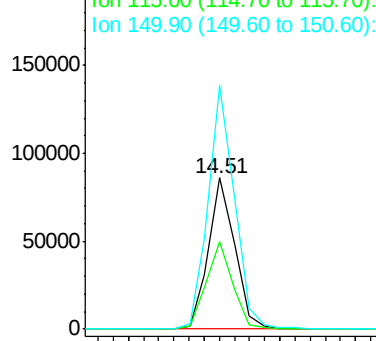


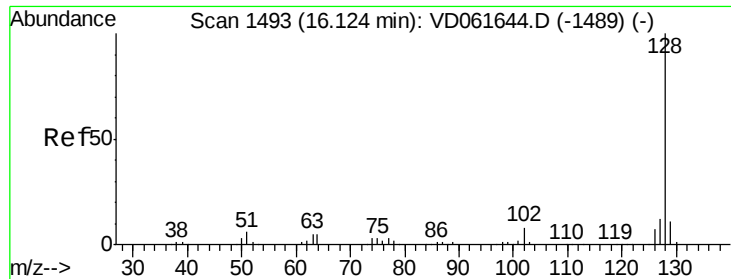
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061762.D
Acq: 12 Apr 2019 3:47

Tgt Ion:152 Resp: 103298
Ion Ratio Lower Upper
152 100
115 57.7 26.4 79.2
150 161.2 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





#95
 Naphthalene
 Concen: 2.024 ug/l
 RT: 16.11 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: VD061762.D
 Acq: 12 Apr 2019 3:47

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-S2

Tot Ion:128 Resp: 4623
 Ion Ratio Lower Upper
 128 100
 127 9.9 9.4 14.2
 129 12.1 8.8 13.2

