

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061830.D
 Acq On : 17 Apr 2019 2:48
 Operator : VA/AP
 Sample : K2390-05
 Misc : 7.61g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 200050

Quant Time: Apr 17 03:46:43 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

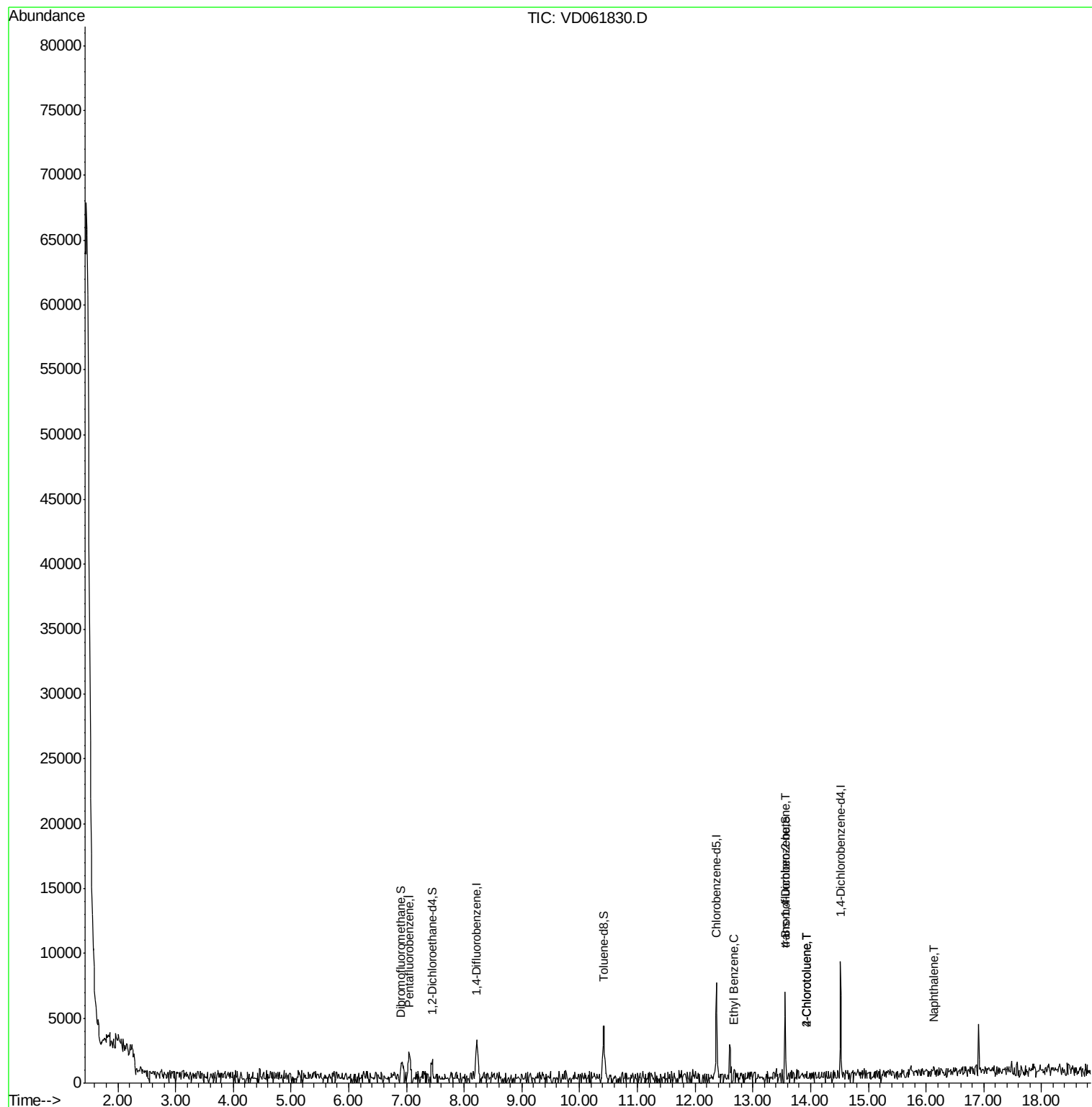
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	3072	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.22	114	6975	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.37	117	5614	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	2875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	1474	57.25	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	114.50%	
35) Dibromofluoromethane	6.90	113	1455	27.61	ug/l	-0.08
Spiked Amount 50.000			Recovery	=	55.22%	
50) Toluene-d8	10.42	98	5184	41.52	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.04%	
62) 4-Bromofluorobenzene	13.56	95	2141	42.31	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.62%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	12.68	91	177	1.057	ug/l #	44
79) 2-Chlorotoluene	13.94	91	205	1.629	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.56	75	585	47.949	ug/l #	16
82) 4-Chlorotoluene	13.94	91	205	1.423	ug/l #	37
95) Naphthalene	16.12	128	198	3.037	ug/l #	70

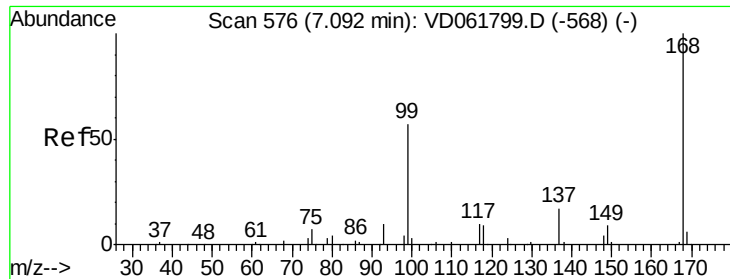
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061830.D
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Quant Time: Apr 17 03:46:43 2019
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: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD061830.D

Acq: 17 Apr 2019 2:48

Instrument :

MSVOA_D

ClientSampleId :

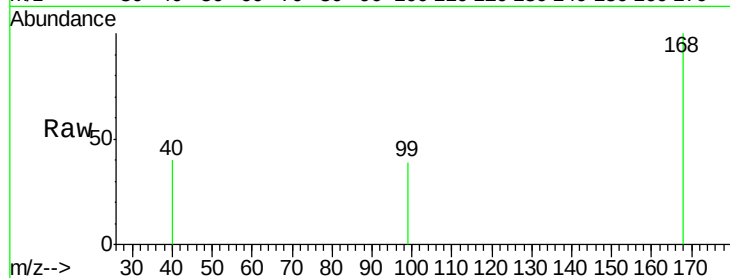
200050

Tot Ion:168 Resp: 3072

Ion Ratio Lower Upper

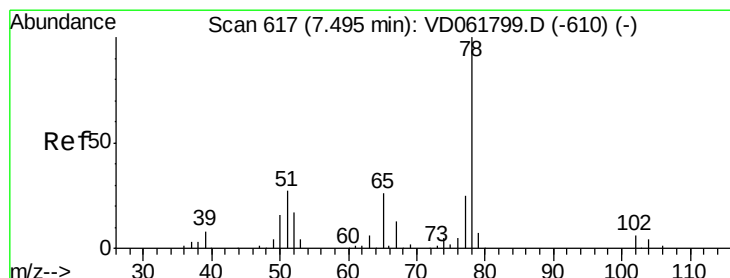
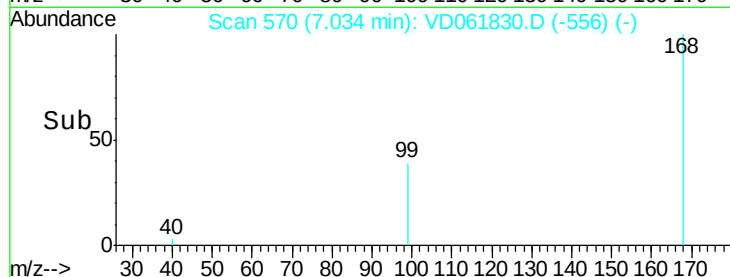
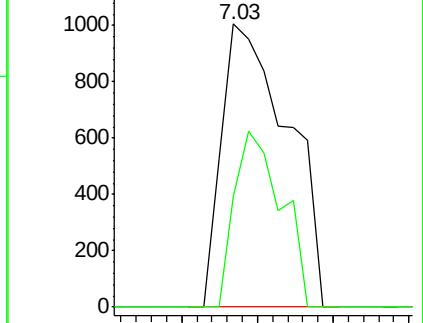
168 100

99 39.1 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.05 min

Lab File: VD061830.D

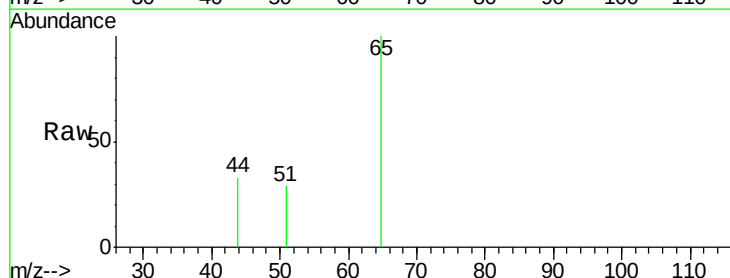
Acq: 17 Apr 2019 2:48

Tgt Ion: 65 Resp: 1474

Ion Ratio Lower Upper

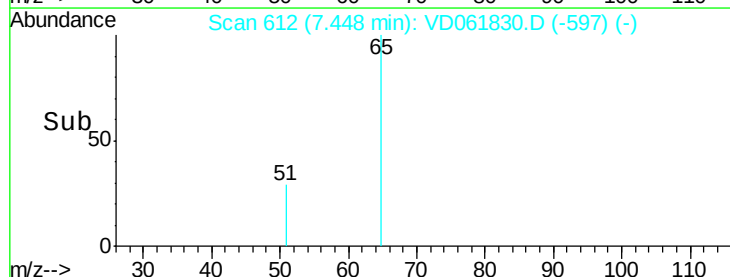
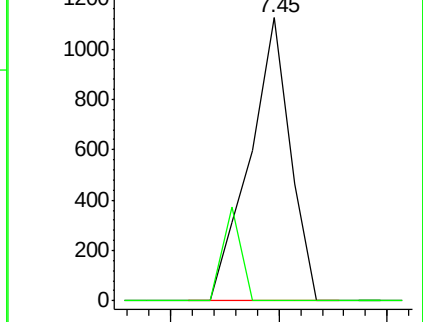
65 100

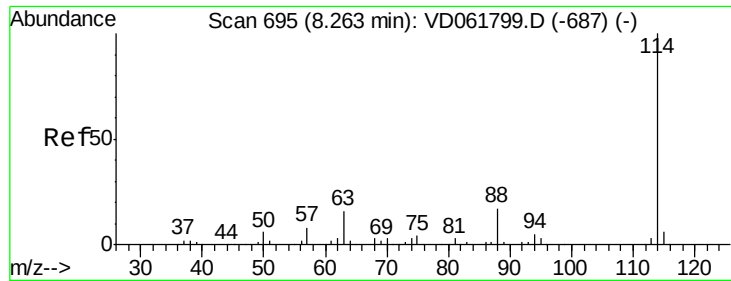
67 0.0 0.0 98.0



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: 8.22 min Scan# 690

Delta R.T. -0.05 min

Lab File: VD061830.D

Acq: 17 Apr 2019 2:48

Instrument :

MSVOA_D

ClientSampleId :

200050

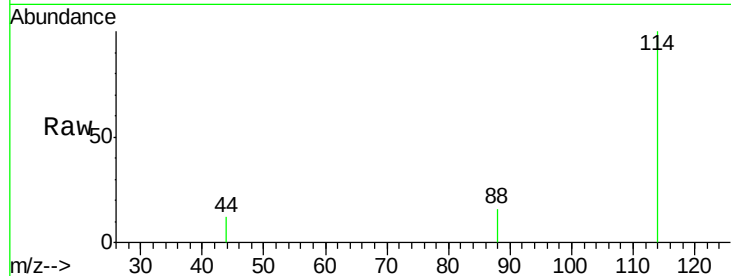
Tot Ion:114 Resp: 6975

Ion Ratio Lower Upper

114 100

63 0.0 0.0 32.4

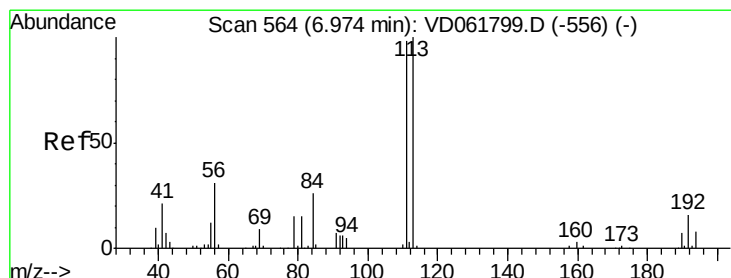
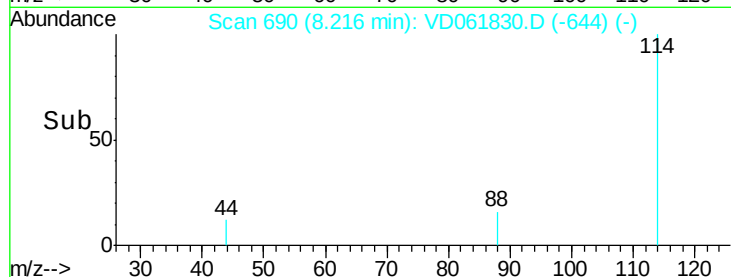
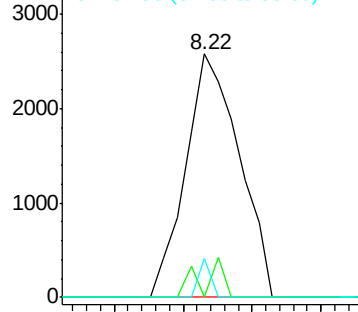
88 15.9 0.0 33.6



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: 50.000 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.08 min

Lab File: VD061830.D

Acq: 17 Apr 2019 2:48

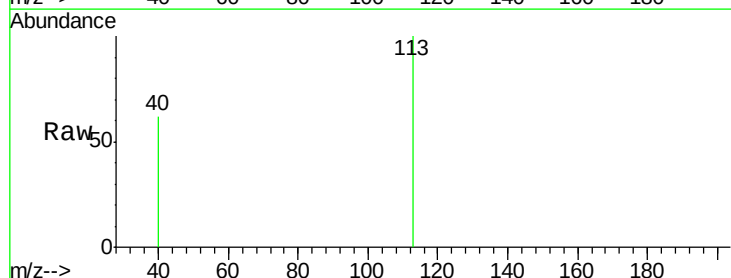
Tgt Ion:113 Resp: 1455

Ion Ratio Lower Upper

113 100

111 0.0 78.5 117.7#

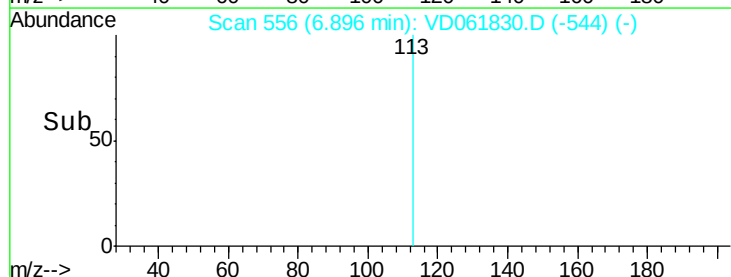
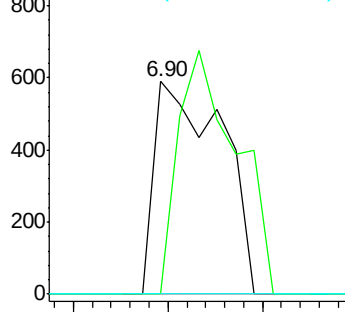
192 0.0 13.0 19.4#

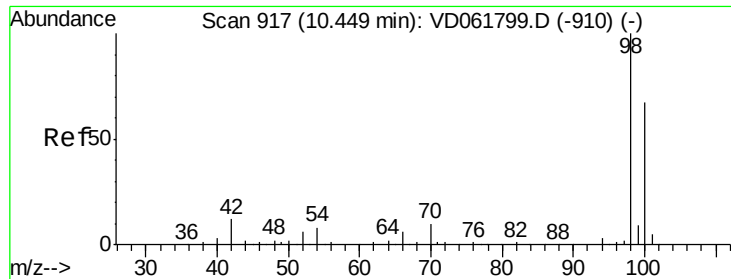


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

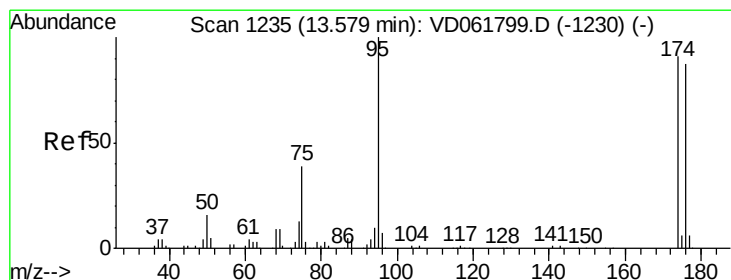
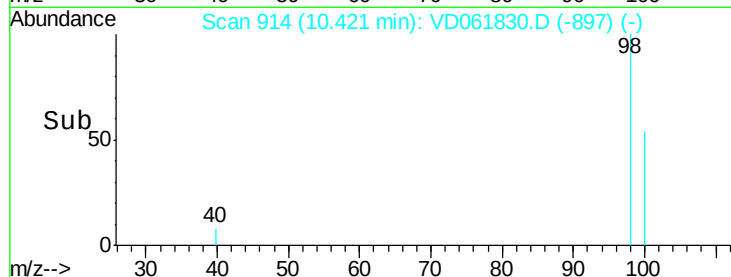
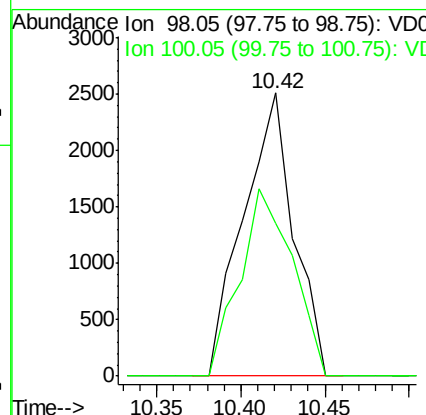
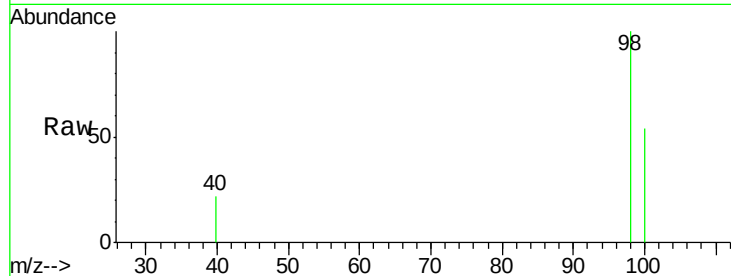




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.03 min
Lab File: VD061830.D
Acq: 17 Apr 2019 2:48

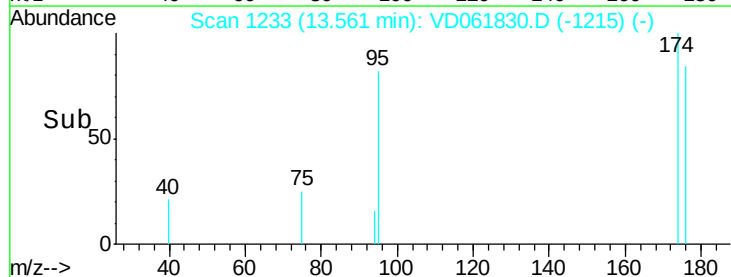
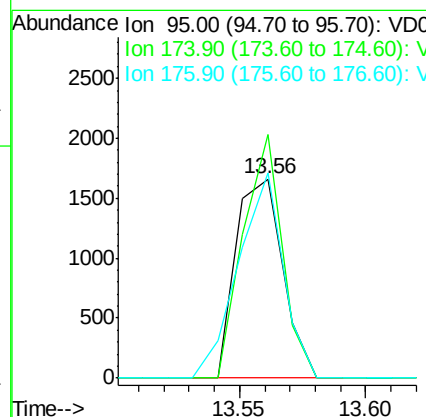
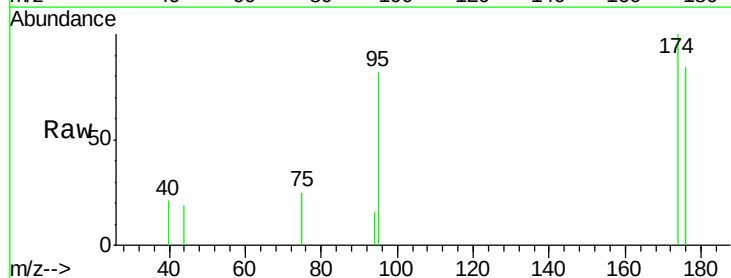
Instrument :
MSVOA_D
ClientSampleId :
200050

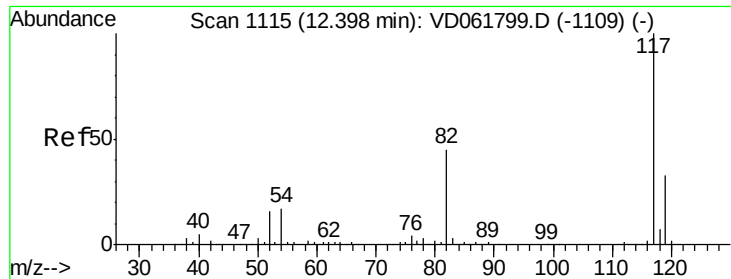
Tot Ion: 98 Resp: 5184
Ion Ratio Lower Upper
98 100
100 53.8 53.8 80.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD061830.D
Acq: 17 Apr 2019 2:48

Tgt Ion: 95 Resp: 2141
Ion Ratio Lower Upper
95 100
174 122.3 0.0 181.8
176 103.3 0.0 174.4

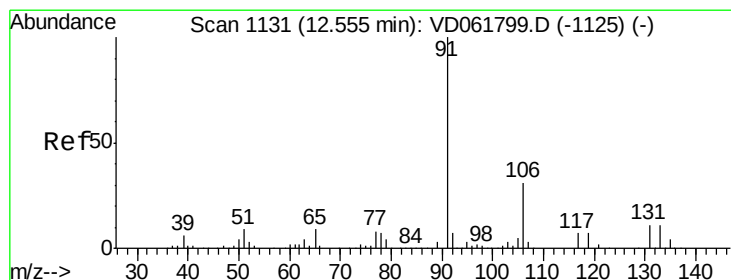
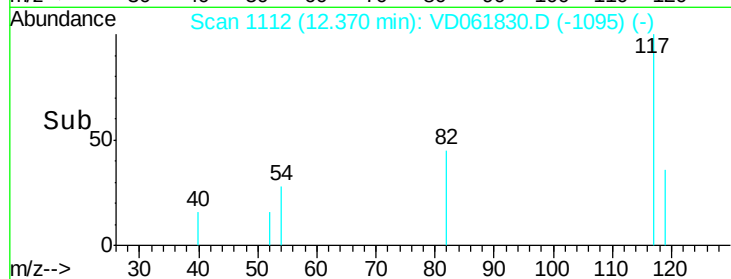
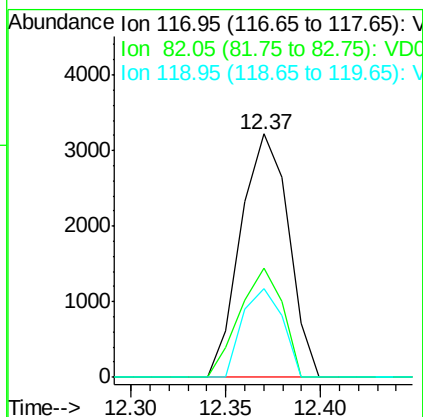
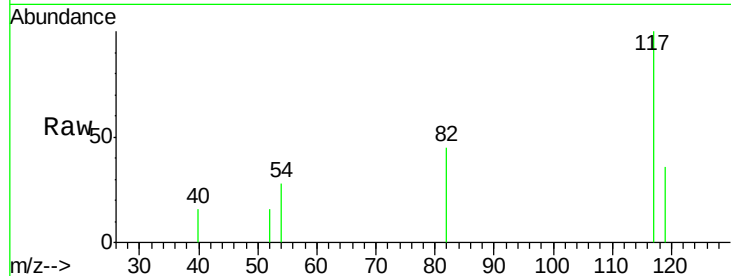




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061830.D
Acq: 17 Apr 2019 2:48

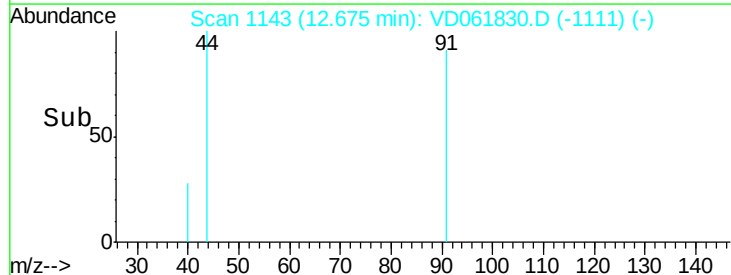
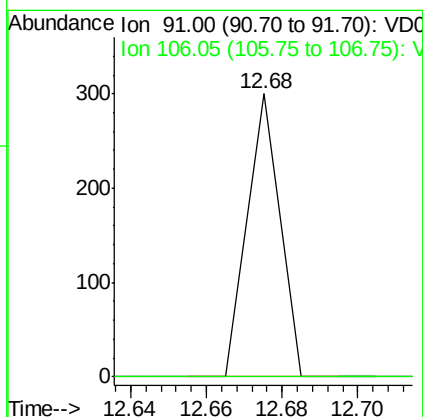
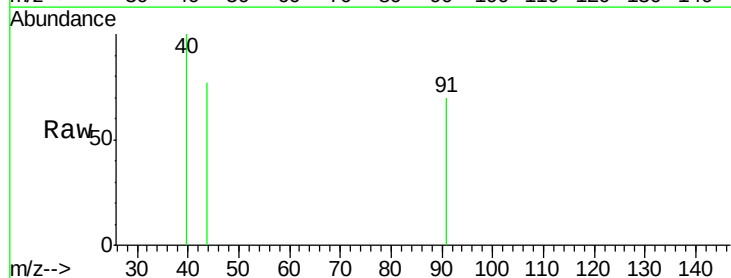
Instrument :
MSVOA_D
ClientSampleId :
200050

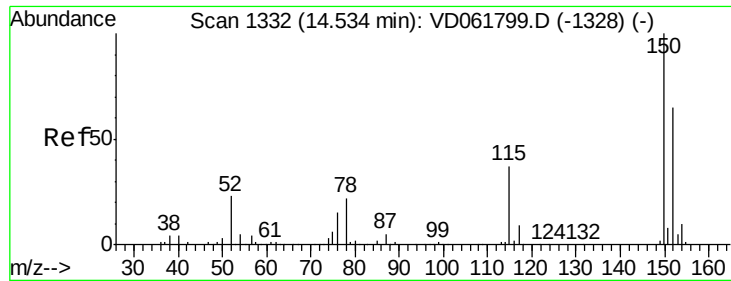
Tot Ion:117 Resp: 5614
Ion Ratio Lower Upper
117 100
82 45.1 36.2 54.2
119 36.5 26.2 39.4



#67
Ethyl Benzene
Concen: 1.057 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.12 min
Lab File: VD061830.D
Acq: 17 Apr 2019 2:48

Tgt Ion: 91 Resp: 177
Ion Ratio Lower Upper
91 100
106 0.0 24.7 37.1#



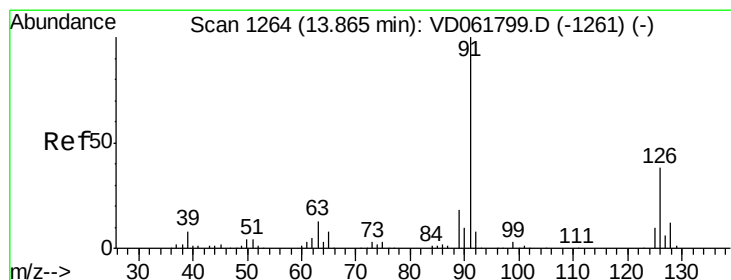
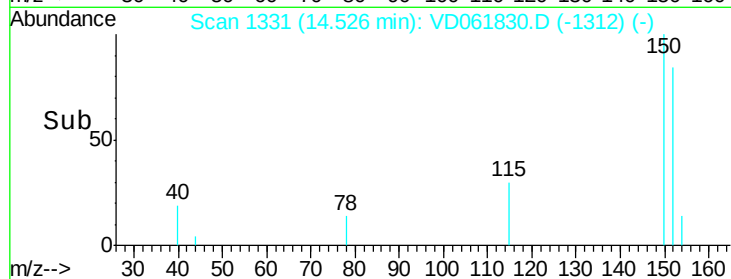
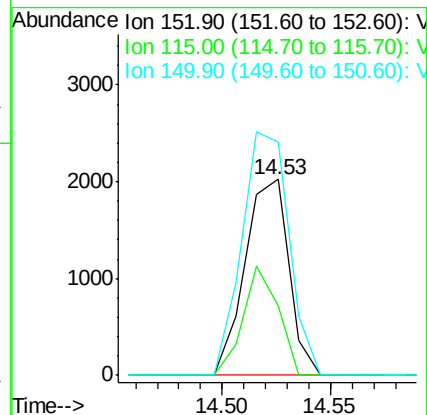
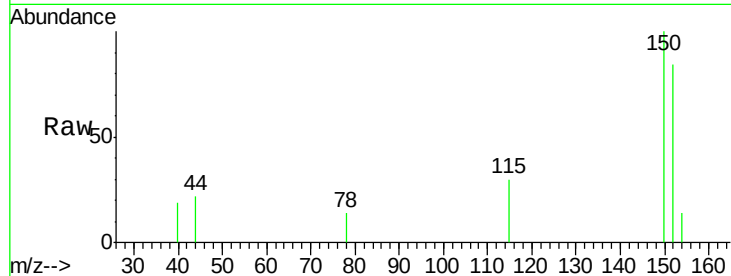


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD061830.D
Acq: 17 Apr 2019 2:48

Instrument :
MSVOA_D
ClientSampleId :
200050

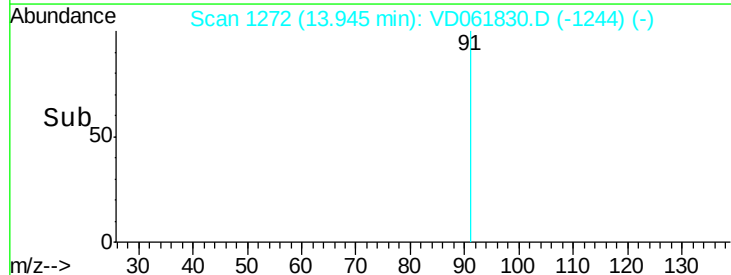
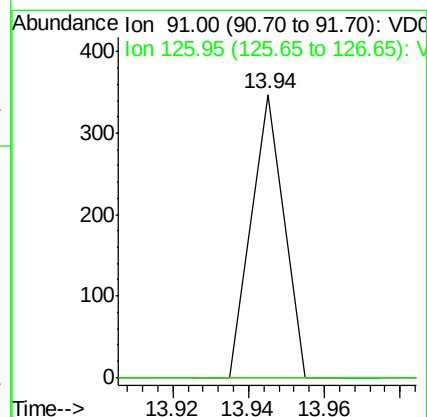
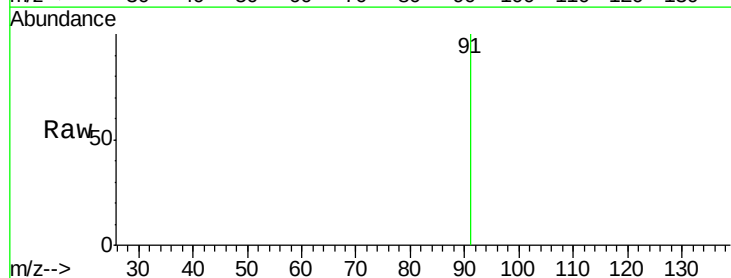
Tot Ion:152 Resp: 2875
Ion Ratio Lower Upper
152 100
115 35.2 30.9 92.7
150 119.0 0.0 314.8

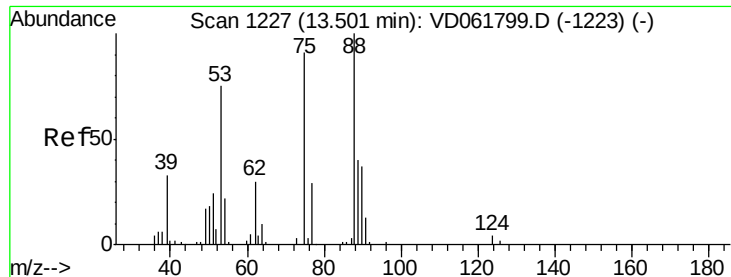


#79

2-Chlorotoluene
Concen: 1.629 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. 0.08 min
Lab File: VD061830.D
Acq: 17 Apr 2019 2:48

Tgt Ion: 91 Resp: 205
Ion Ratio Lower Upper
91 100
126 0.0 18.6 55.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 47.949 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.06 min

Lab File: VD061830.D

Acq: 17 Apr 2019 2:48

Instrument :

MSVOA_D

ClientSampleId :

200050

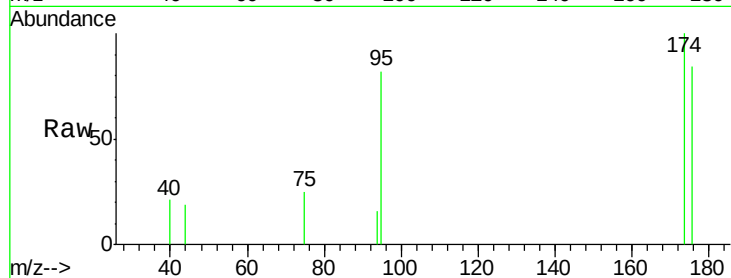
Tot Ion: 75 Resp: 585

Ion Ratio Lower Upper

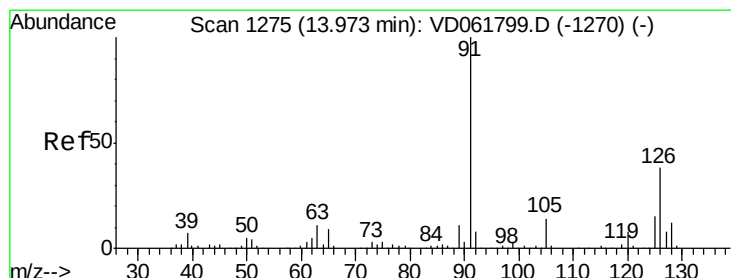
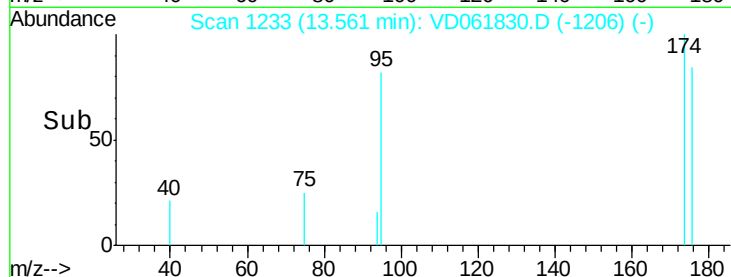
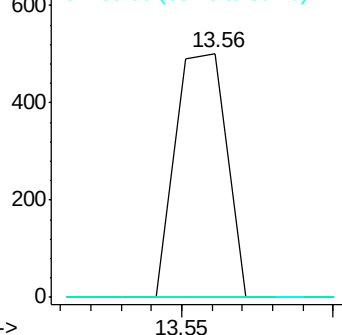
75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 1.423 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. -0.03 min

Lab File: VD061830.D

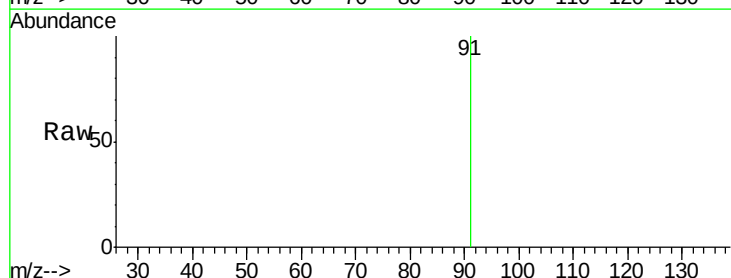
Acq: 17 Apr 2019 2:48

Tgt Ion: 91 Resp: 205

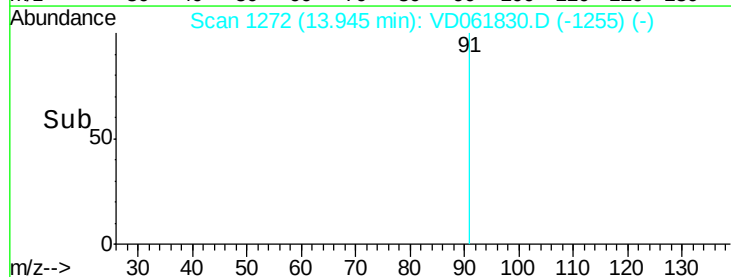
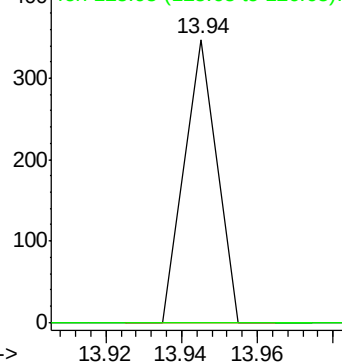
Ion Ratio Lower Upper

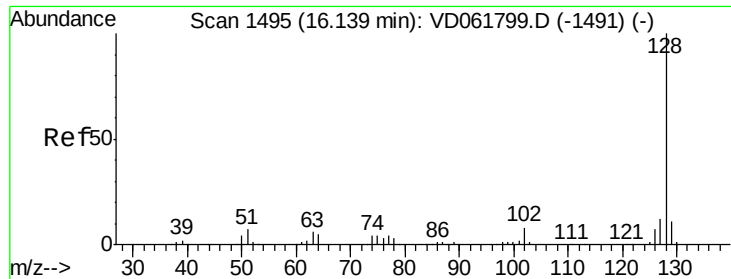
91 100

126 0.0 19.1 57.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V





#95

Naphthalene

Concen: 3.037 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.02 min

Lab File: VD061830.D

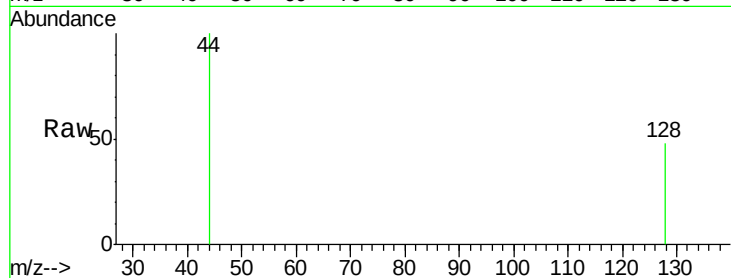
Acq: 17 Apr 2019 2:48

Instrument :

MSVOA_D

ClientSampleId :

200050



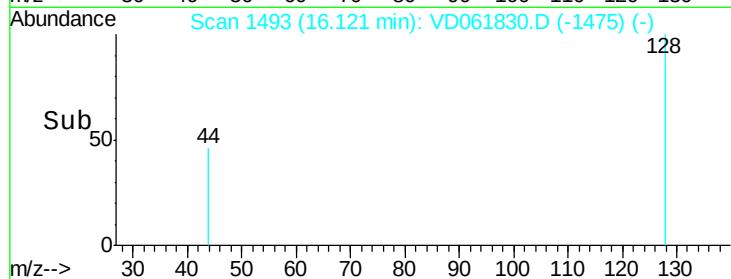
Tot Ion:128 Resp: 198

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 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

