

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122618\
 Data File : VD060713.D
 Acq On : 26 Dec 2018 12:39
 Operator : VA/AP
 Sample : J6520-01
 Misc : 6.08g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-165

Quant Time: Dec 27 02:09:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

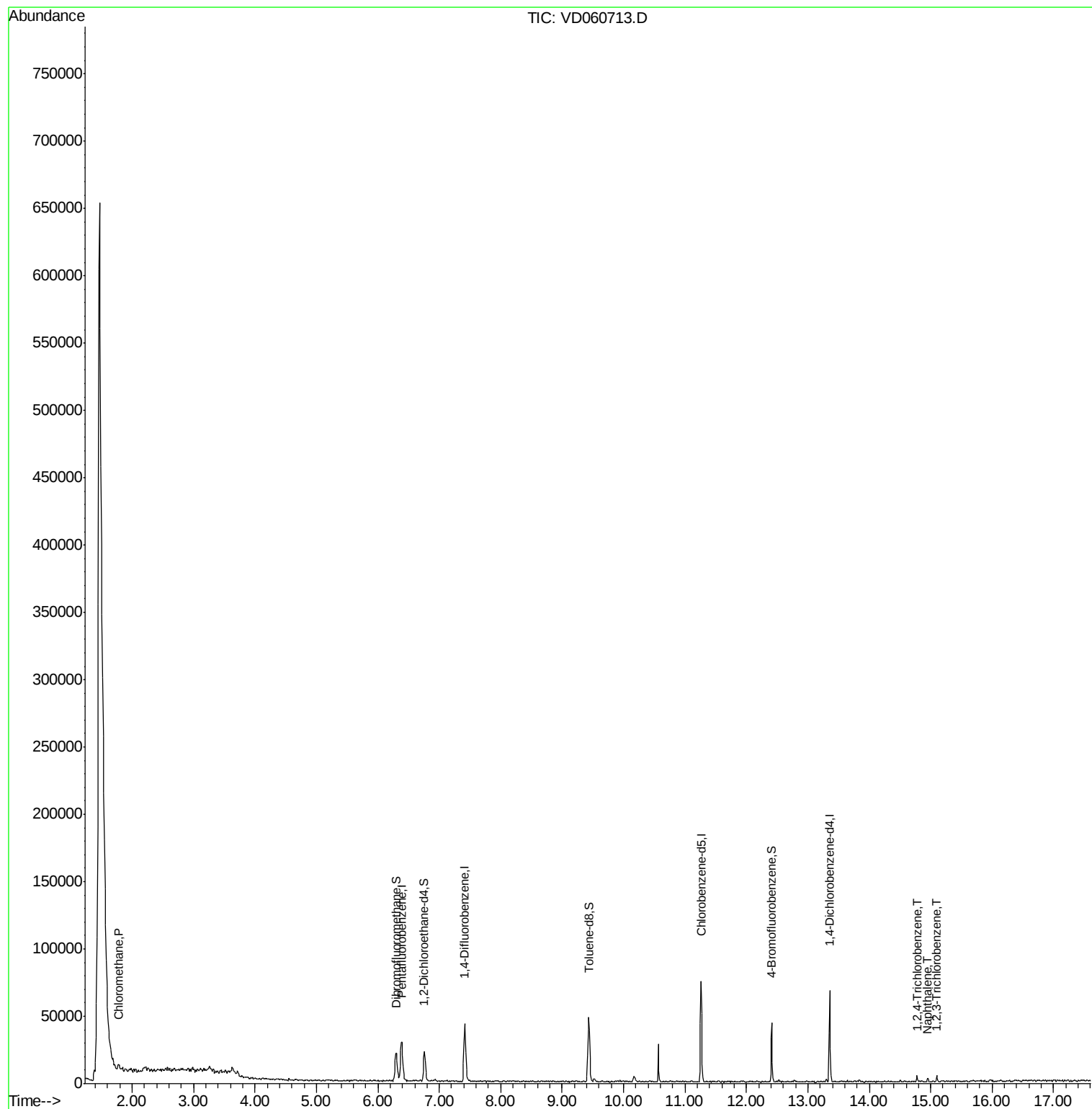
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	36531	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.41	114	49788	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	39769	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	14969	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	21758	86.19	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	172.38%	
35) Dibromofluoromethane	6.30	113	19712	54.09	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	108.18%	
50) Toluene-d8	9.43	98	40702	37.43	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	74.86%	
62) 4-Bromofluorobenzene	12.41	95	12726	33.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.84%	
Target Compounds						
3) Chloromethane	1.78	50	3511	8.173	ug/l	92
93) 1,2,4-Trichlorobenzene	14.78	180	1724	5.229	ug/l	93
95) Naphthalene	14.95	128	2035	5.193	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.10	180	1660	6.441	ug/l	66

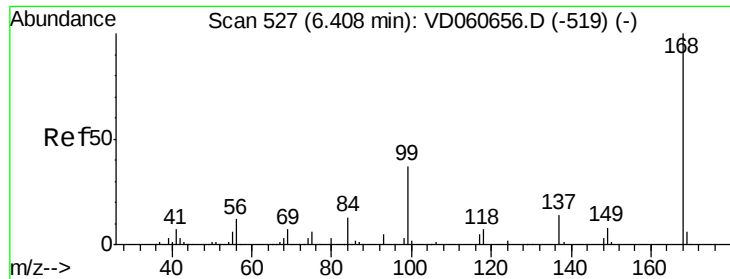
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 525

Delta R.T. -0.02 min

Lab File: VD060713.D

Acq: 26 Dec 2018 12:39

Instrument :

MSVOA_D

ClientSampleId :

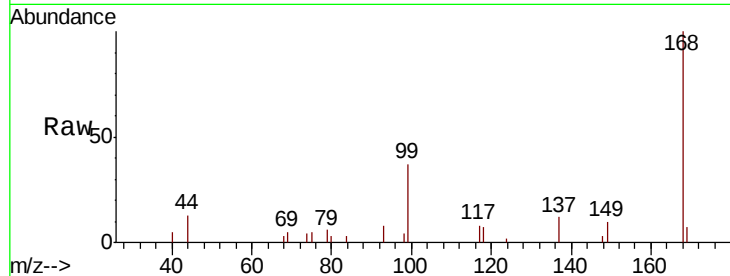
ROLLOFF-165

Tot Ion:168 Resp: 36531

Ion Ratio Lower Upper

168 100

99 36.7 38.7 58.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

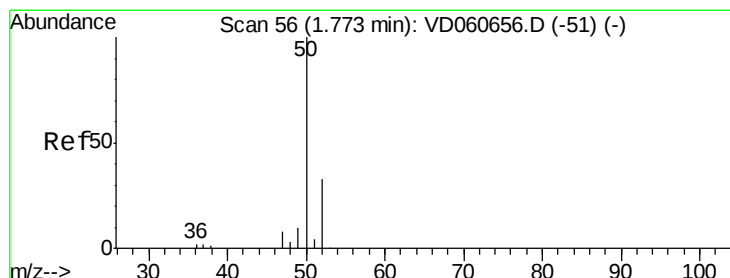
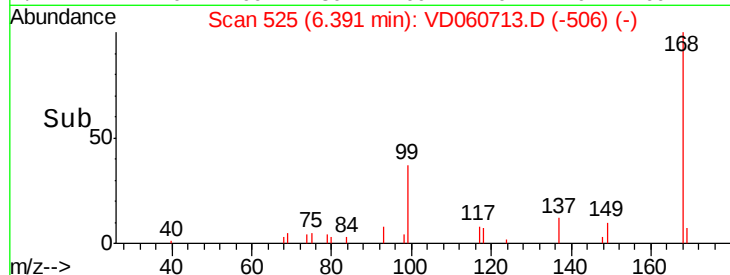
15000

10000

5000

0

Time-->



#3

Chloromethane

Concen: 8.173 ug/l

RT: 1.78 min Scan# 56

Delta R.T. 0.00 min

Lab File: VD060713.D

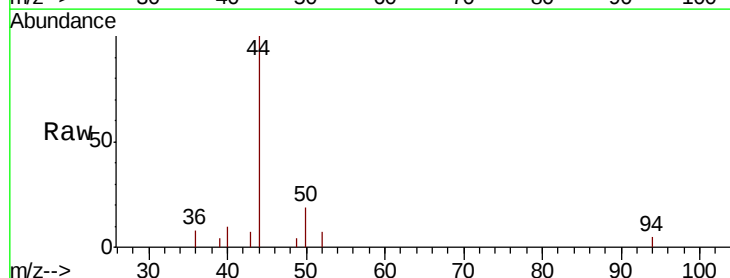
Acq: 26 Dec 2018 12:39

Tgt Ion: 50 Resp: 3511

Ion Ratio Lower Upper

50 100

52 37.5 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.78

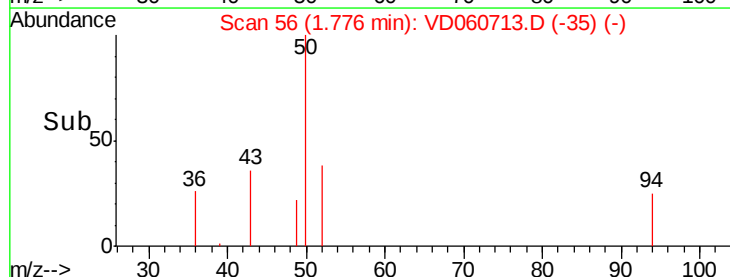
1500

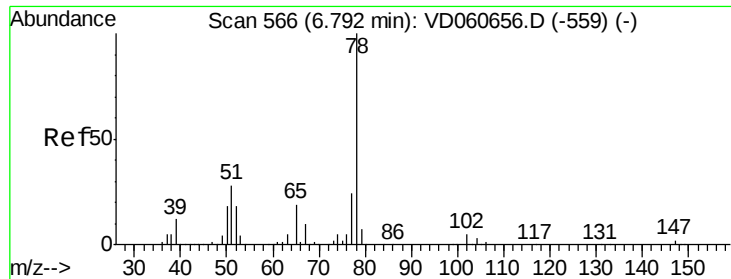
1000

500

0

Time-->

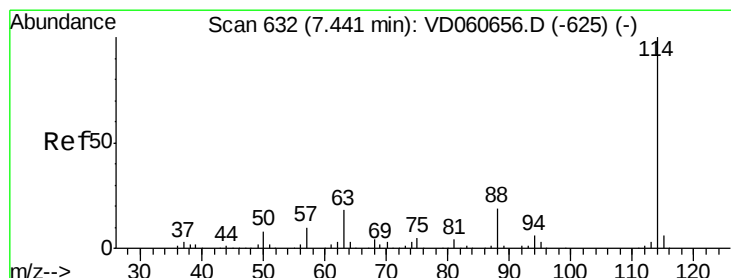
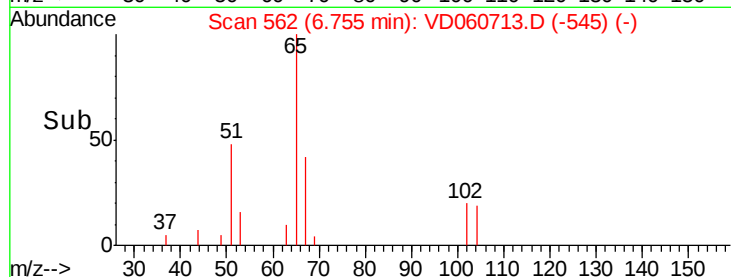
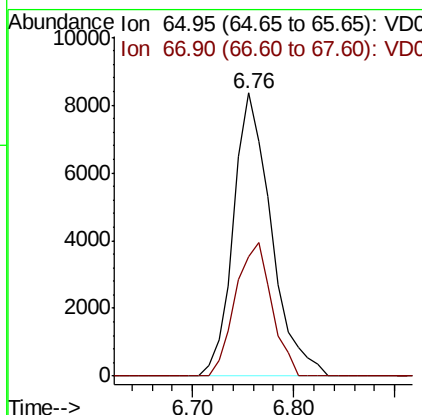
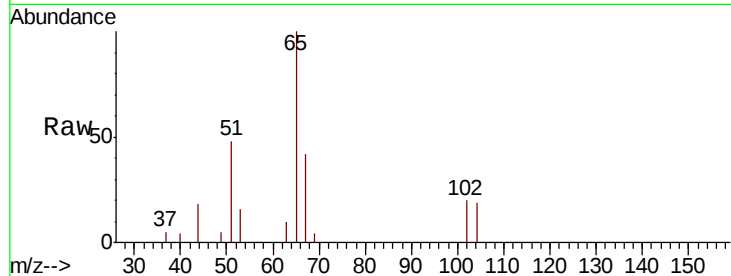




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 562
 Delta R.T. -0.04 min
 Lab File: VD060713.D
 Acq: 26 Dec 2018 12:39

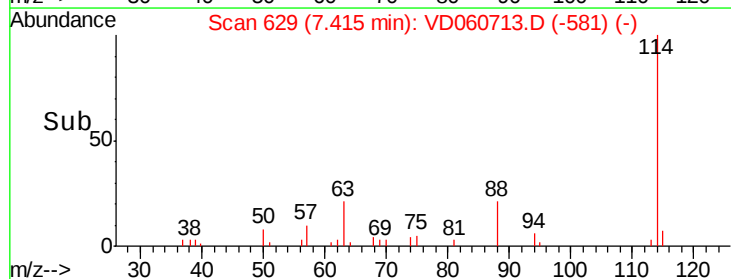
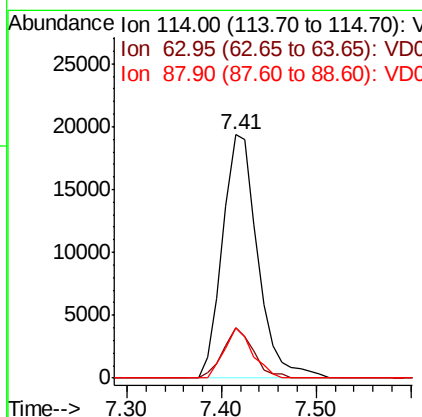
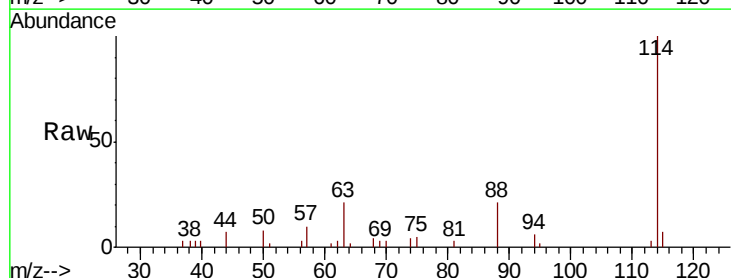
Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-165

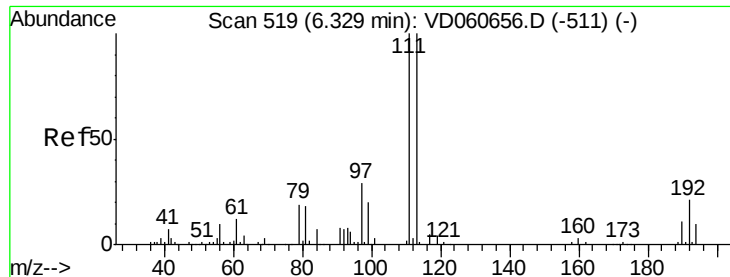
Tot Ion: 65 Resp: 21758
 Ion Ratio Lower Upper
 65 100
 67 42.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.41 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: VD060713.D
 Acq: 26 Dec 2018 12:39

Tgt Ion: 114 Resp: 49788
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 36.2
 88 20.9 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.30 min Scan# 516

Delta R.T. -0.03 min

Lab File: VD060713.D

Acq: 26 Dec 2018 12:39

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-165

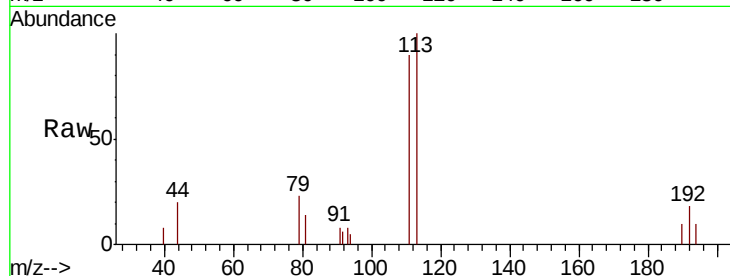
Tot Ion:113 Resp: 19712

Ion Ratio Lower Upper

113 100

111 89.5 80.0 120.0

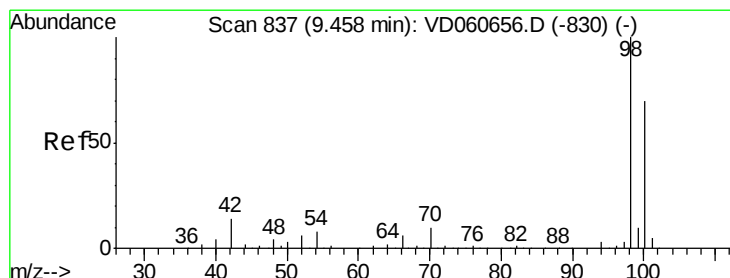
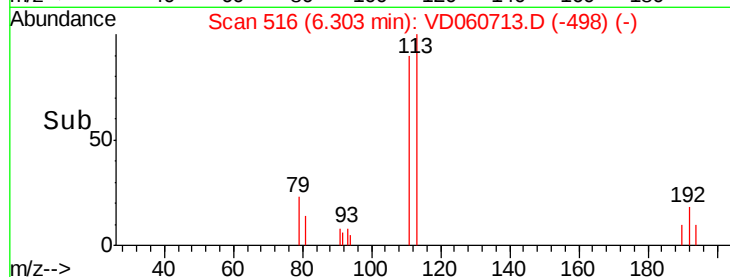
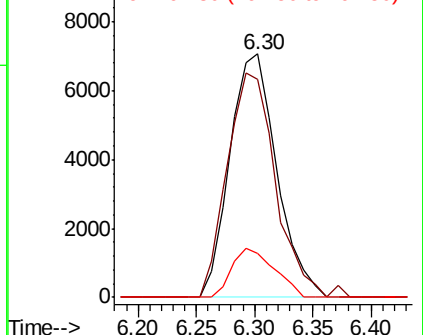
192 18.2 16.6 25.0



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: 9.43 min Scan# 834

Delta R.T. -0.03 min

Lab File: VD060713.D

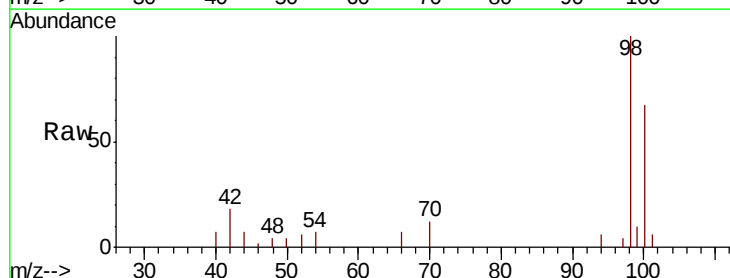
Acq: 26 Dec 2018 12:39

Tgt Ion: 98 Resp: 40702

Ion Ratio Lower Upper

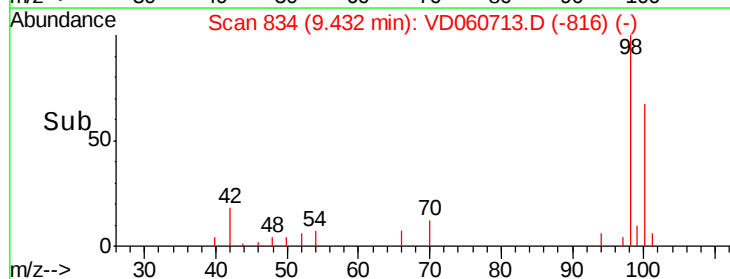
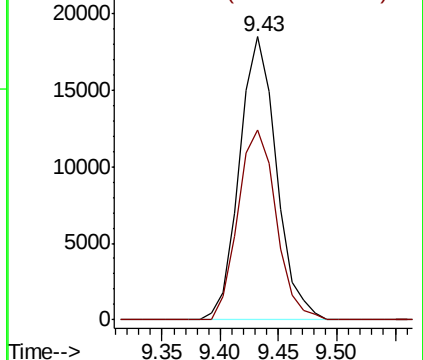
98 100

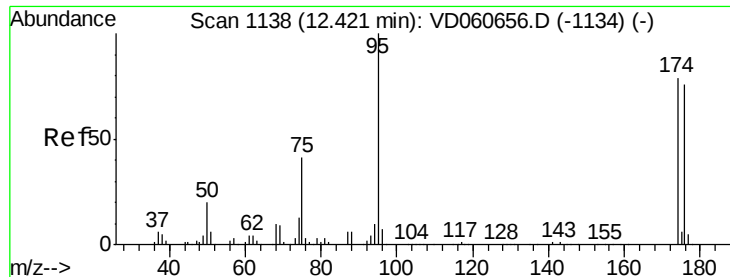
100 67.1 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VD060713.D

Acq: 26 Dec 2018 12:39

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-165

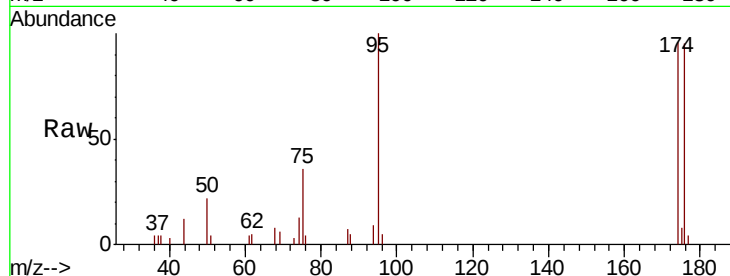
Tot Ion: 95 Resp: 12726

Ion Ratio Lower Upper

95 100

174 96.4 0.0 158.2

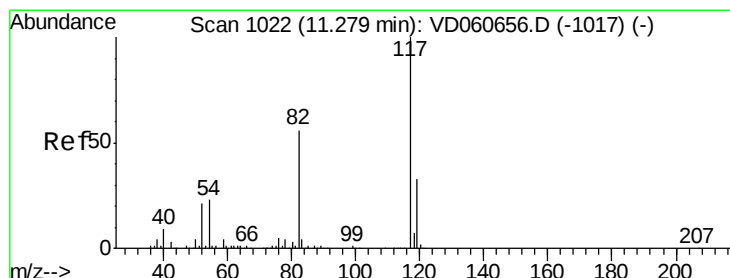
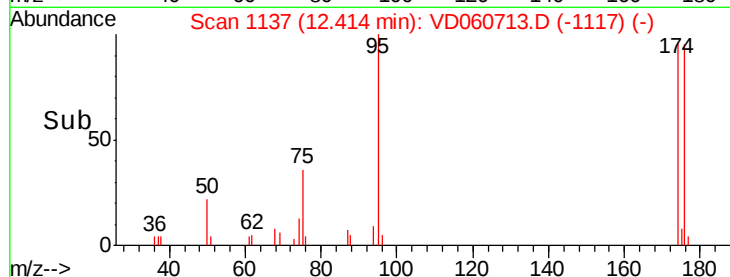
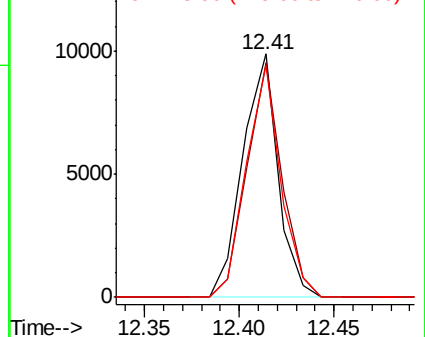
176 95.4 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

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: 11.26 min Scan# 1020

Delta R.T. -0.02 min

Lab File: VD060713.D

Acq: 26 Dec 2018 12:39

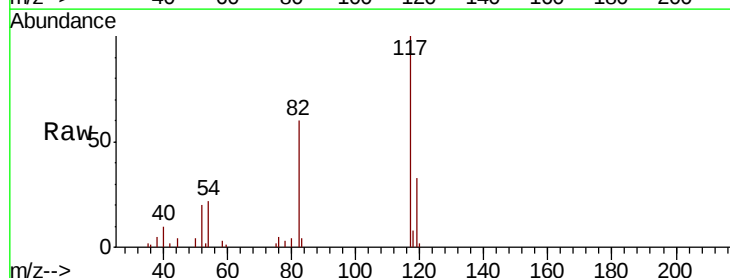
Tgt Ion: 117 Resp: 39769

Ion Ratio Lower Upper

117 100

82 59.7 44.5 66.7

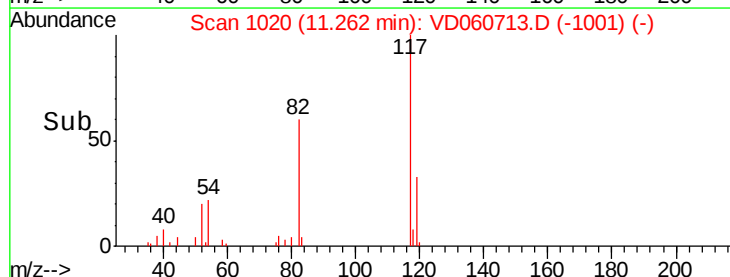
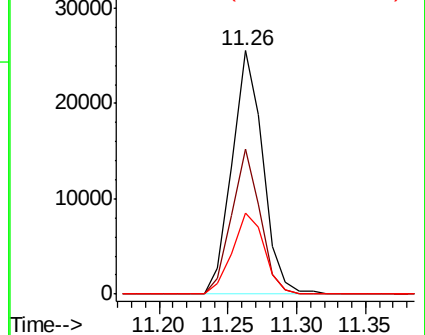
119 33.5 26.3 39.5

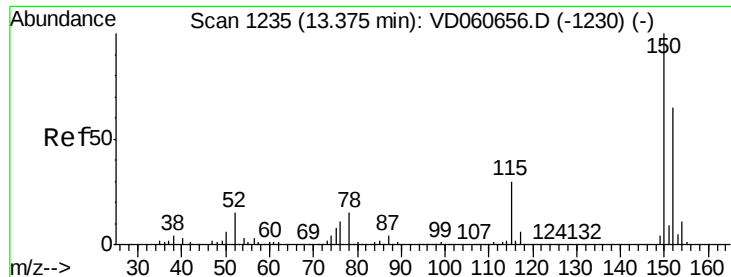


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.36 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VD060713.D

Acq: 26 Dec 2018 12:39

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-165

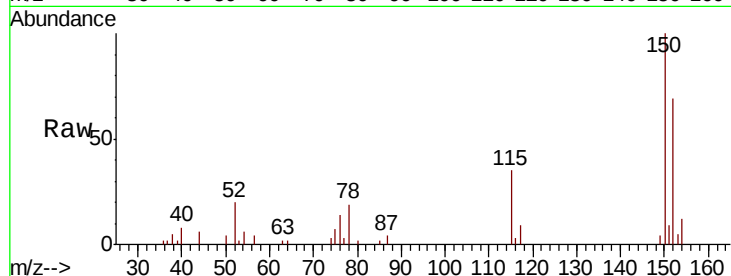
Tot Ion:152 Resp: 14969

Ion Ratio Lower Upper

152 100

115 50.3 24.1 72.3

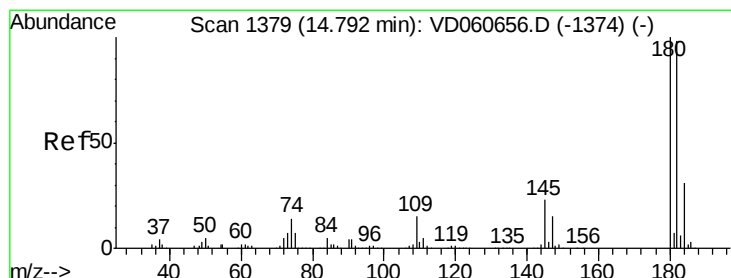
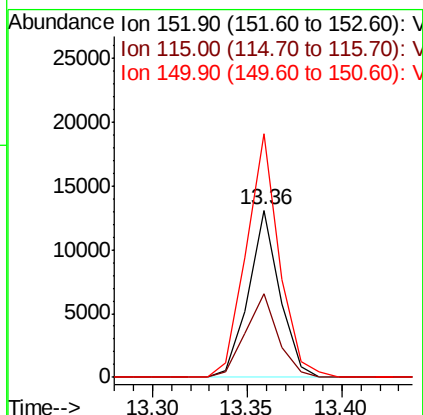
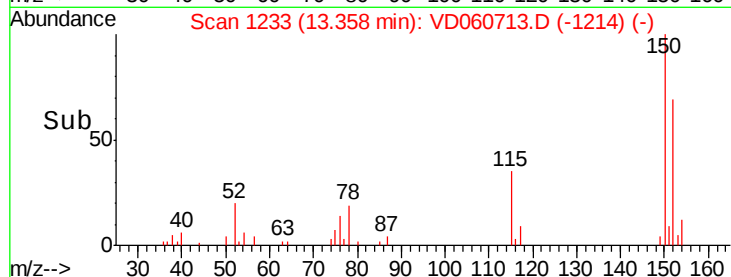
150 145.7 0.0 315.0



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



#93

1,2,4-Trichlorobenzene

Concen: 5.229 ug/l

RT: 14.78 min Scan# 1377

Delta R.T. -0.02 min

Lab File: VD060713.D

Acq: 26 Dec 2018 12:39

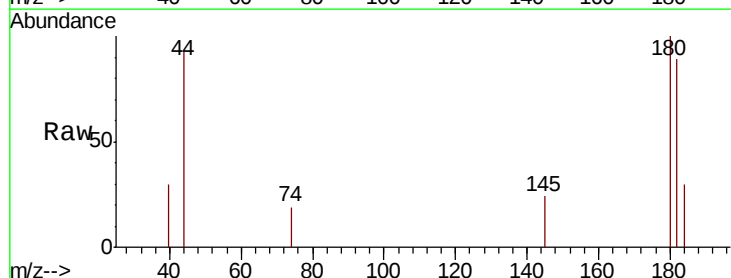
Tgt Ion:180 Resp: 1724

Ion Ratio Lower Upper

180 100

182 88.6 48.8 146.4

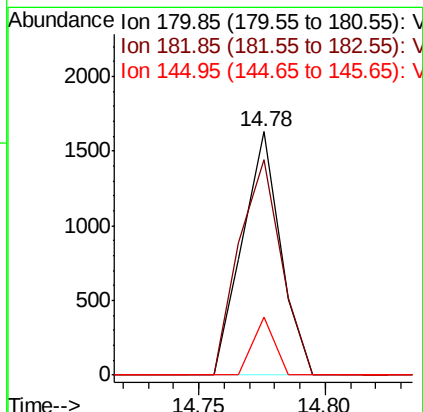
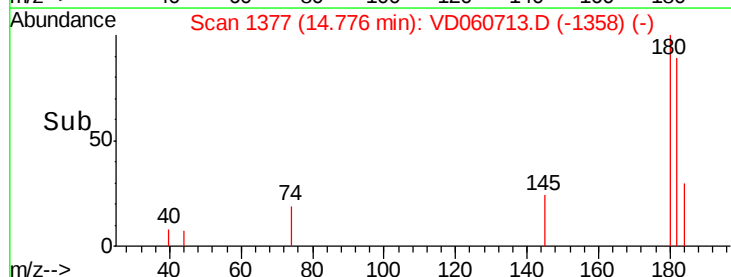
145 23.7 11.8 35.3

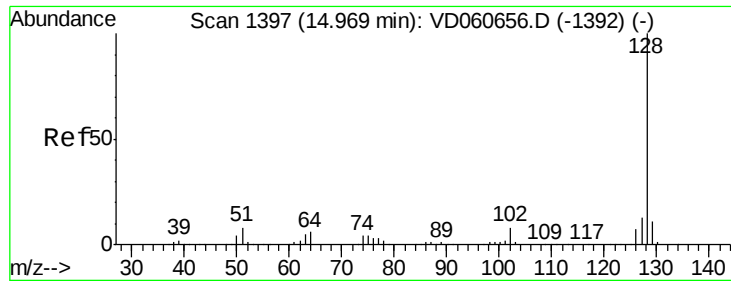


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V





#95

Naphthalene

Concen: 5.193 ug/l

RT: 14.95 min Scan# 1395

Delta R.T. -0.02 min

Lab File: VD060713.D

Acq: 26 Dec 2018 12:39

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-165

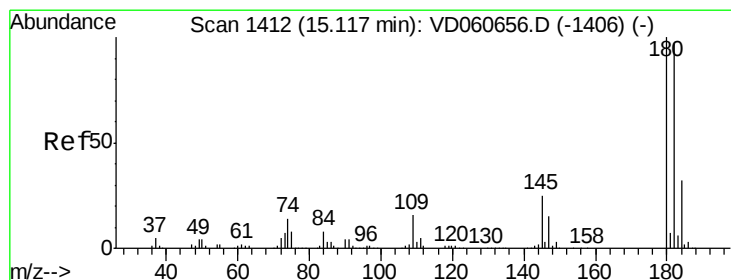
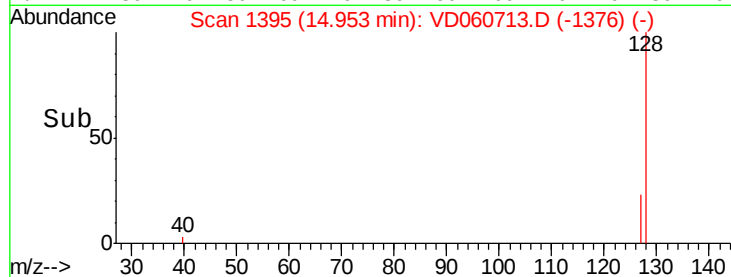
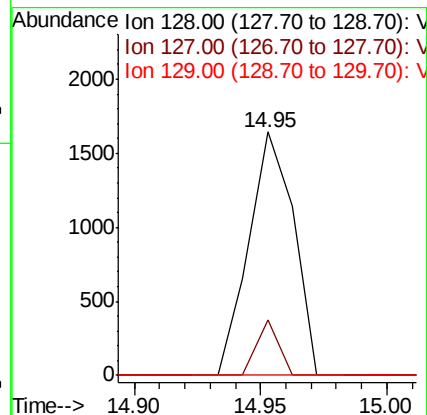
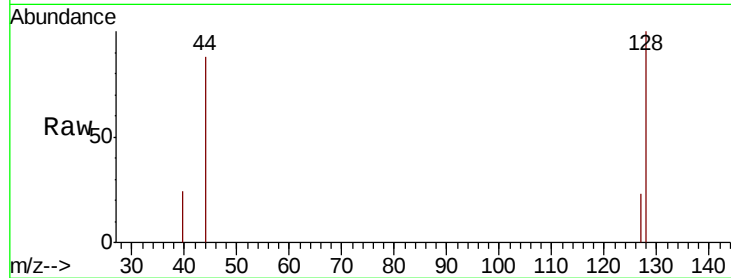
Tot Ion:128 Resp: 2035

Ion Ratio Lower Upper

128 100

127 22.6 10.1 15.1#

129 0.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 6.441 ug/l

RT: 15.10 min Scan# 1410

Delta R.T. -0.02 min

Lab File: VD060713.D

Acq: 26 Dec 2018 12:39

Tgt Ion:180 Resp: 1660

Ion Ratio Lower Upper

180 100

182 137.5 48.6 145.9

145 29.3 12.6 37.8

