

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060187.D
 Acq On : 24 Oct 2018 17:43
 Operator : JC/SY
 Sample : J5198-25
 Misc : 6.14g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-102318-C

Quant Time: Oct 25 04:20:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

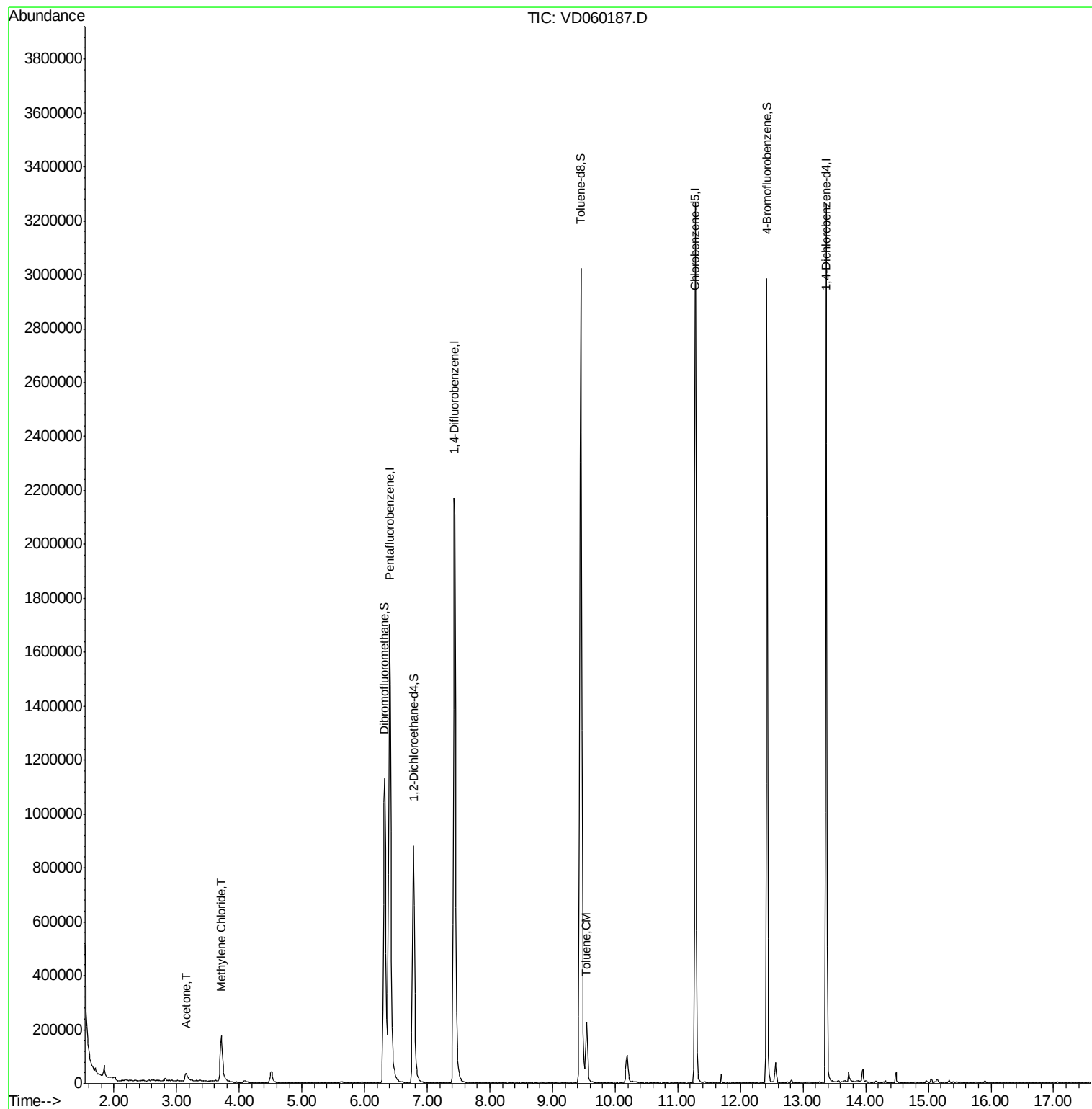
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1677433	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.44	114	2371890	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1788370	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	761425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	740138	58.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.42%	
35) Dibromofluoromethane	6.32	113	909080	50.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	9.45	98	2444947	47.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.42	95	828858	43.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.20%	
Target Compounds						
16) Acetone	3.14	43	63708	27.612	ug/l	94
20) Methylene Chloride	3.71	84	107335	1.761	ug/l	97
52) Toluene	9.55	92	116222	3.043	ug/l	97

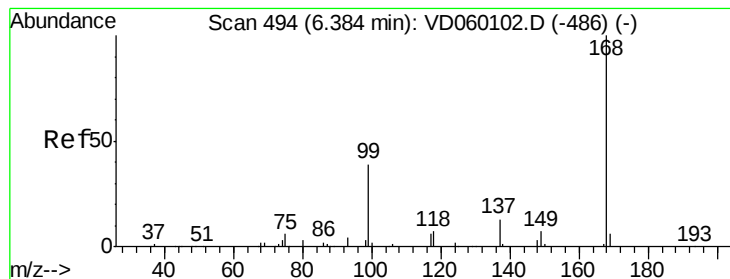
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060187.D

Acq: 24 Oct 2018 17:43

Instrument :

MSVOA_D

ClientSampleId :

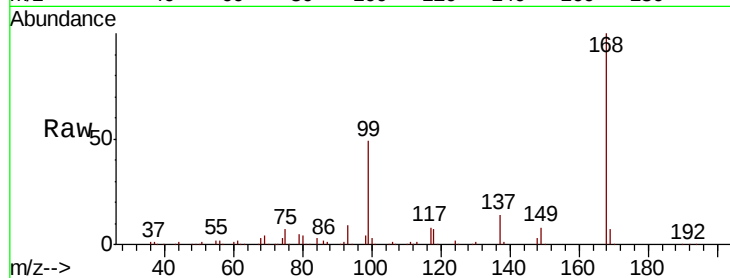
CL-01-102318-C

Tot Ion:168 Resp: 1677433

Ion Ratio Lower Upper

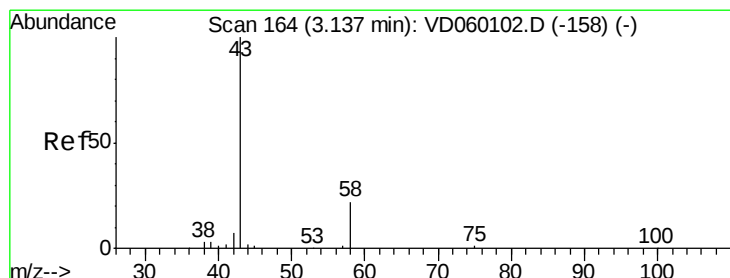
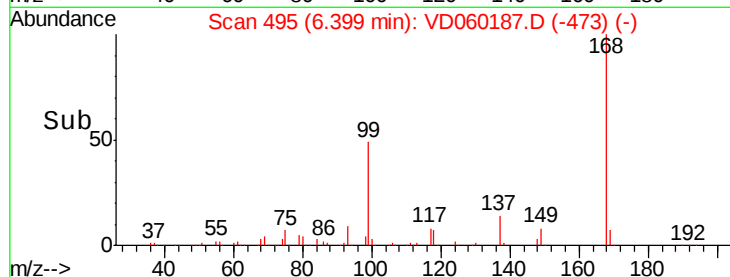
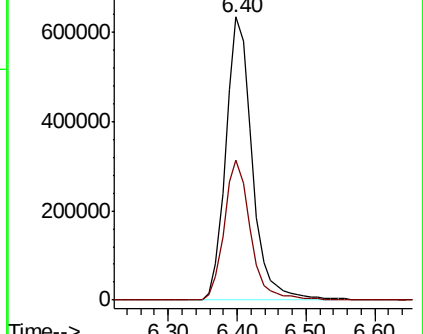
168 100

99 49.3 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 27.612 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.00 min

Lab File: VD060187.D

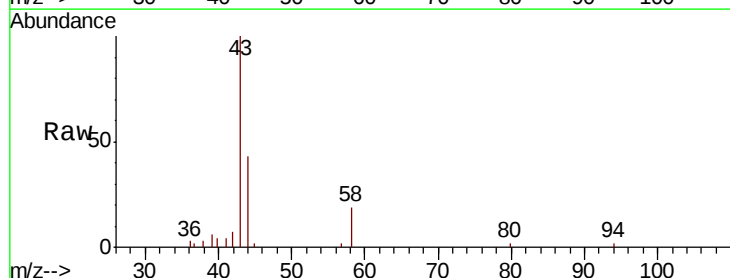
Acq: 24 Oct 2018 17:43

Tgt Ion: 43 Resp: 63708

Ion Ratio Lower Upper

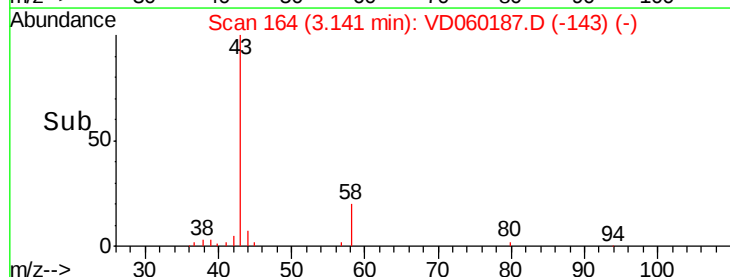
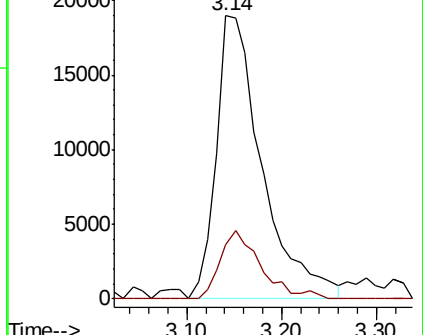
43 100

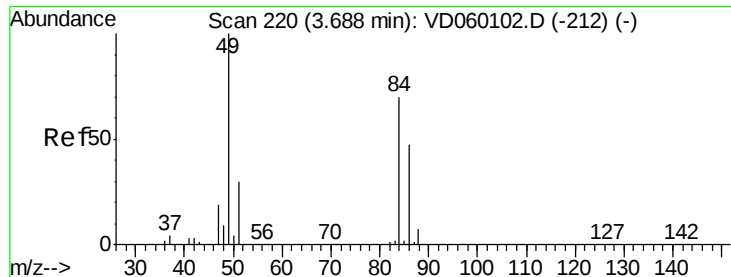
58 19.1 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

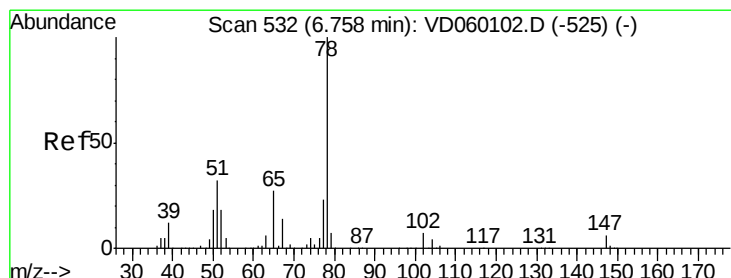
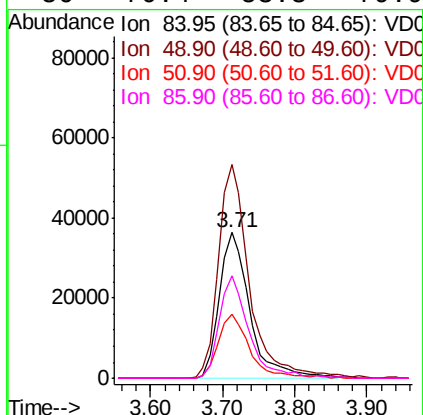
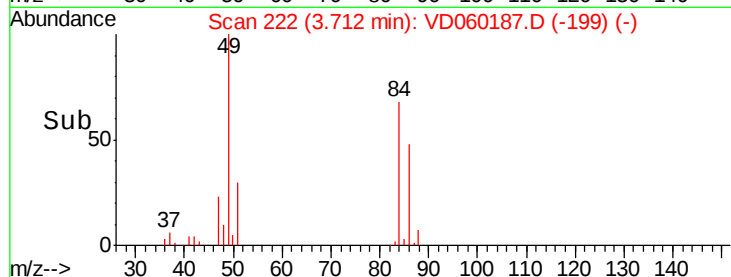
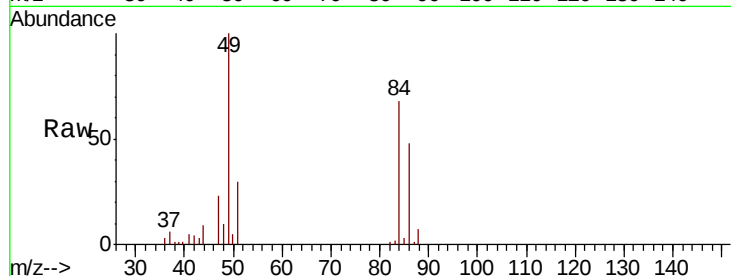




#20
Methvlene Chloride
Concen: 1.761 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.03 min
Lab File: VD060187.D
Acq: 24 Oct 2018 17:43

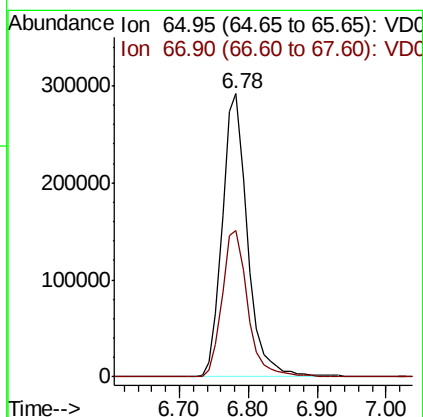
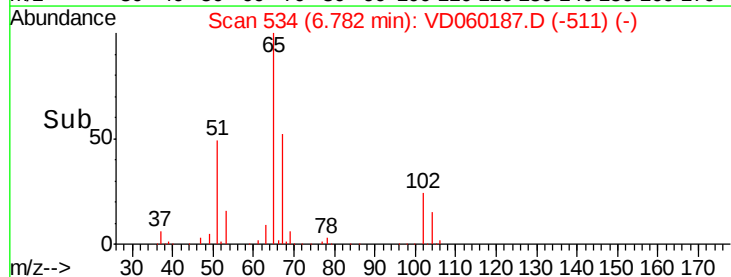
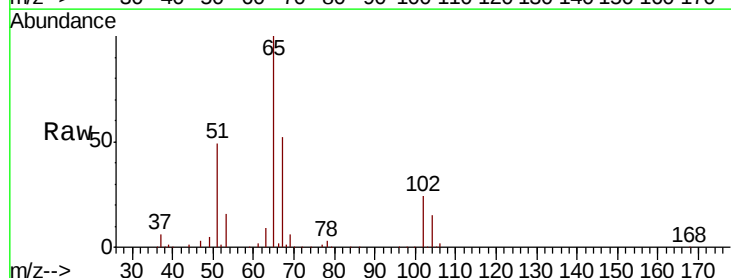
Instrument :
MSVOA_D
ClientSampleId :
CL-01-102318-C

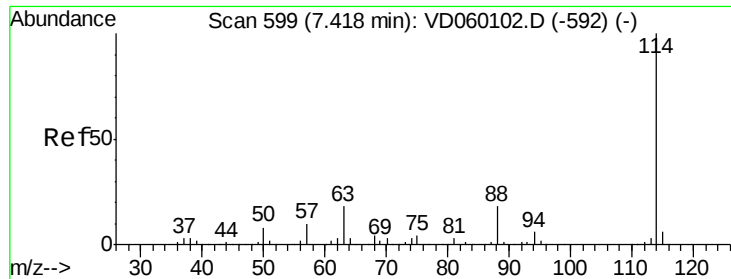
Tot Ion: 84 Resp: 107335
Ion Ratio Lower Upper
84 100
49 146.9 114.6 172.0
51 44.2 33.8 50.8
86 70.4 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060187.D
Acq: 24 Oct 2018 17:43

Tgt Ion: 65 Resp: 740138
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.2

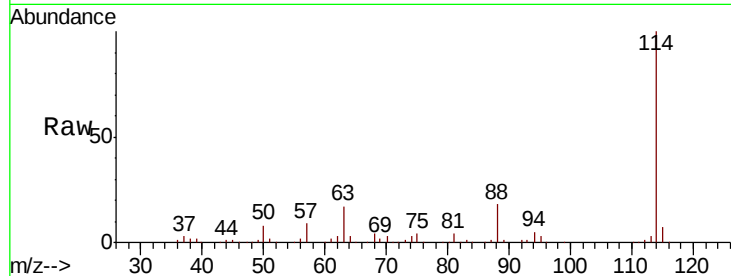




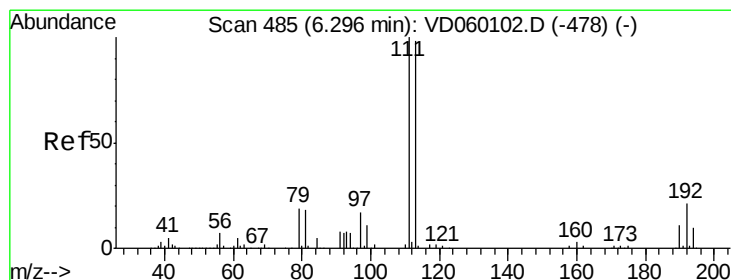
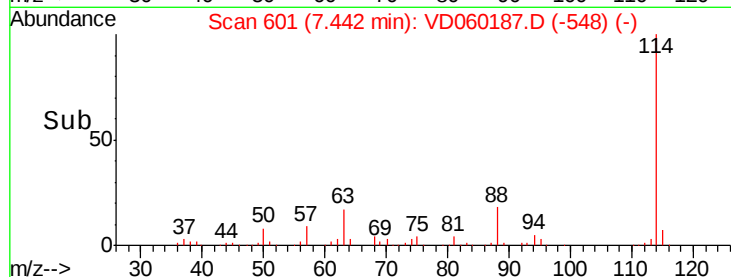
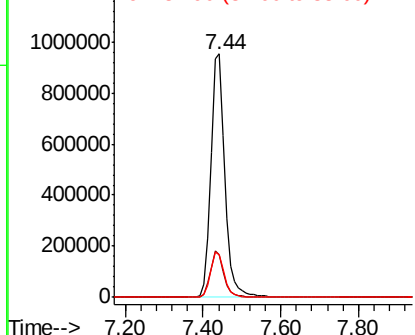
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060187.D
 Acq: 24 Oct 2018 17:43

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-102318-C

Tot Ion:114 Resp: 2371890
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.0
 88 17.7 0.0 36.2

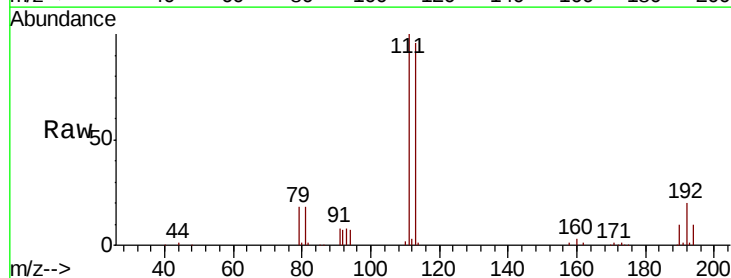


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

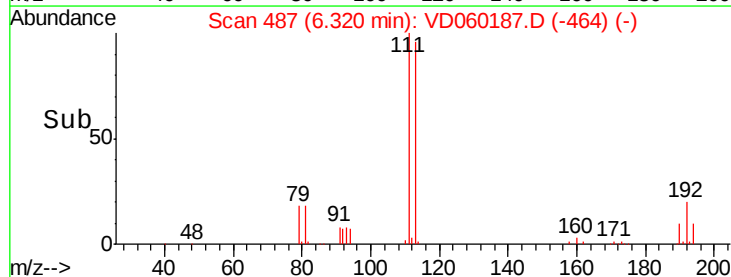
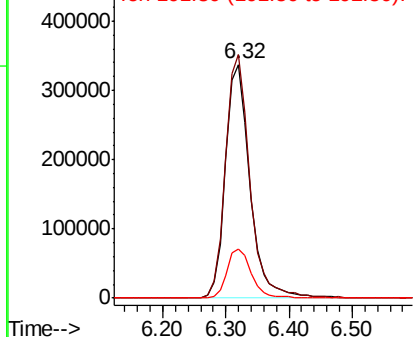


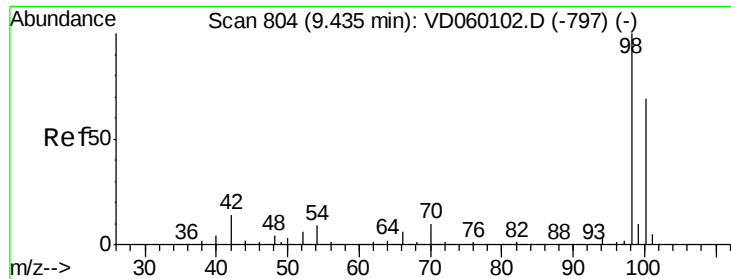
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060187.D
 Acq: 24 Oct 2018 17:43

Tgt Ion:113 Resp: 909080
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.5 122.3
 192 21.0 17.4 26.0



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

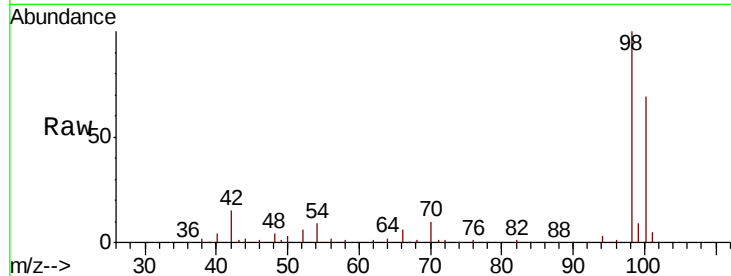




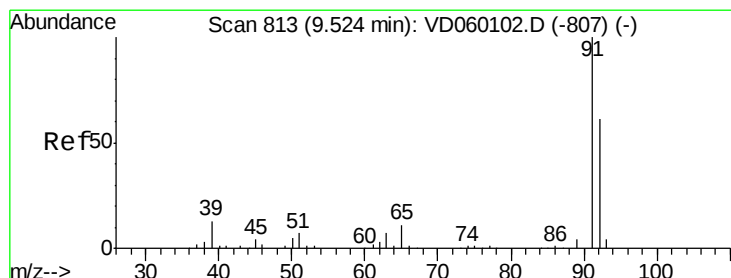
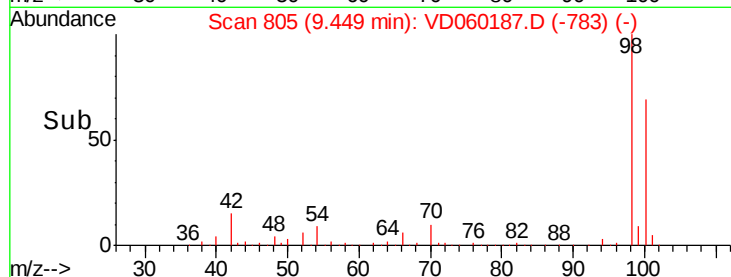
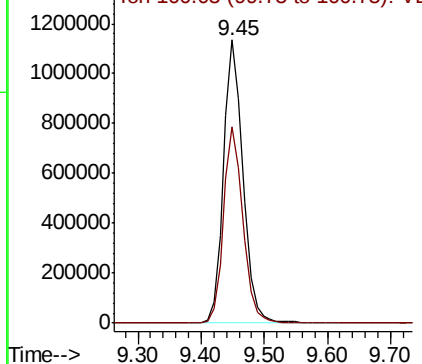
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060187.D
Acq: 24 Oct 2018 17:43

Instrument :
MSVOA_D
ClientSampleId :
CL-01-102318-C

Tot Ion: 98 Resp: 2444947
Ion Ratio Lower Upper
98 100
100 69.2 55.4 83.0

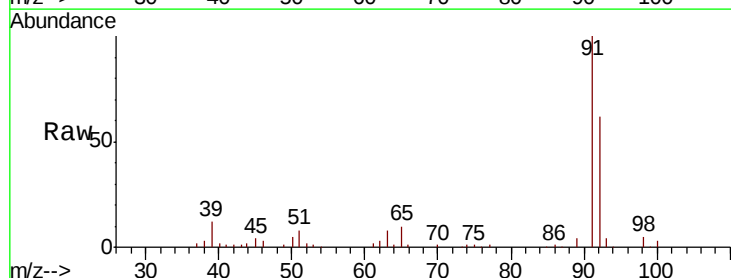


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

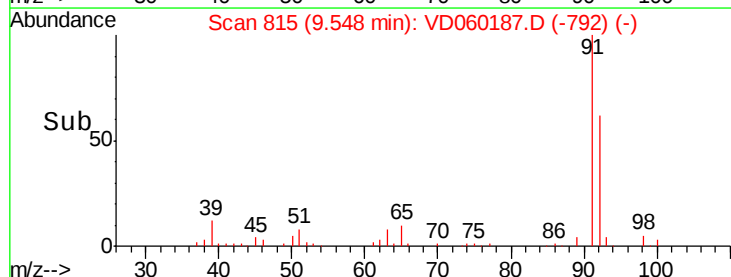
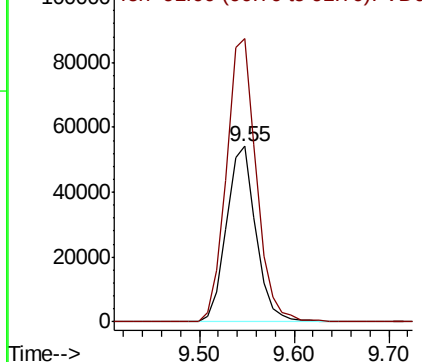


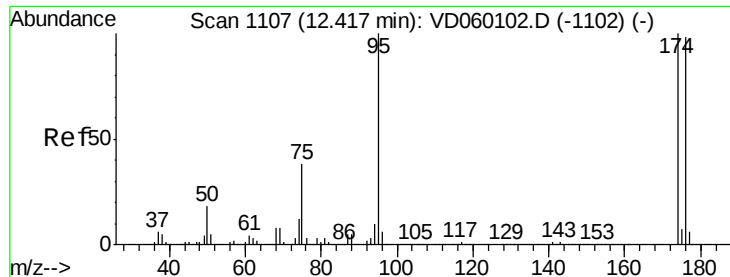
#52
Toluene
Concen: 3.043 ug/l
RT: 9.55 min Scan# 815
Delta R.T. 0.02 min
Lab File: VD060187.D
Acq: 24 Oct 2018 17:43

Tgt Ion: 92 Resp: 116222
Ion Ratio Lower Upper
92 100
91 161.1 131.9 197.9



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: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060187.D

Acq: 24 Oct 2018 17:43

Instrument :

MSVOA_D

ClientSampleId :

CL-01-102318-C

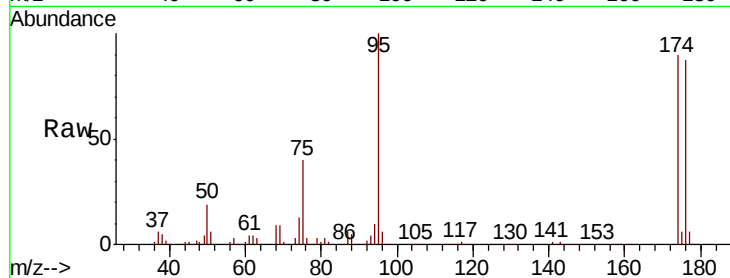
Tot Ion: 95 Resp: 828858

Ion Ratio Lower Upper

95 100

174 89.9 0.0 200.2

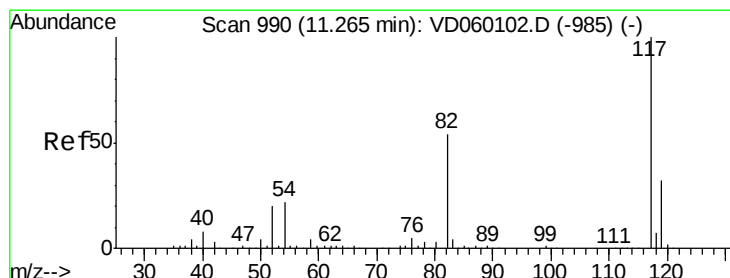
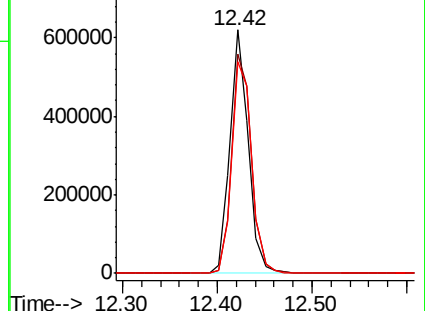
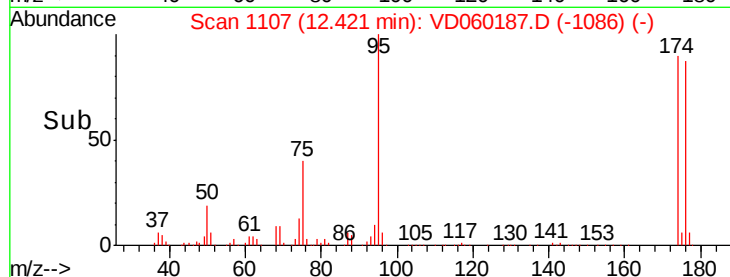
176 86.9 0.0 195.6



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: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060187.D

Acq: 24 Oct 2018 17:43

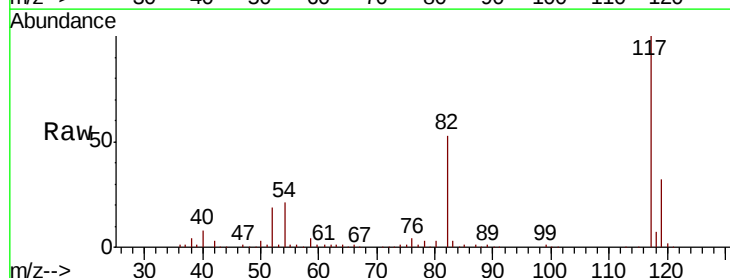
Tgt Ion: 117 Resp: 1788370

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.2

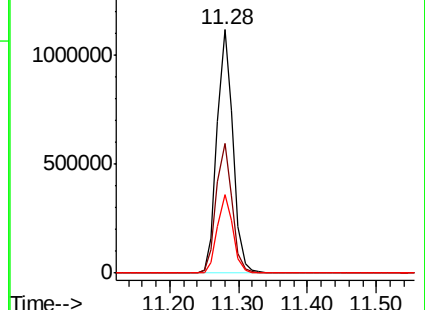
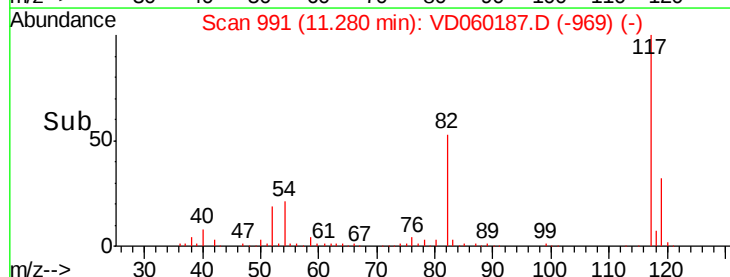
119 32.4 26.0 39.0

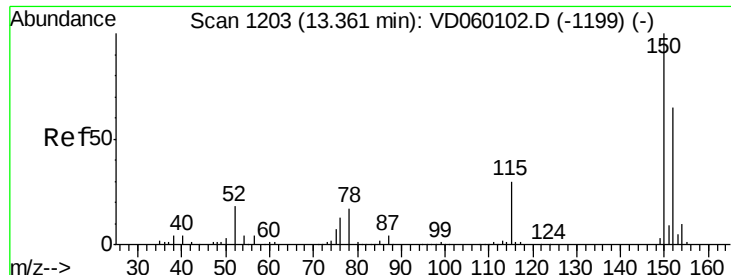


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.37 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD060187.D

Acq: 24 Oct 2018 17:43

Instrument :

MSVOA_D

ClientSampleId :

CL-01-102318-C

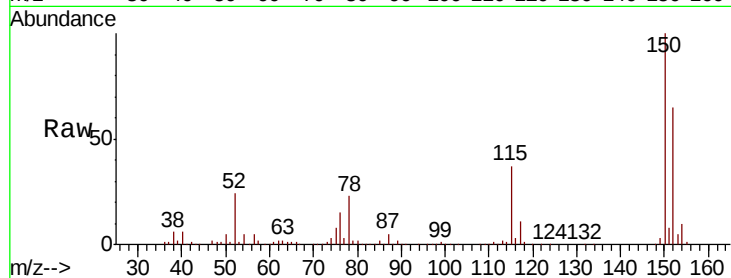
Tot Ion:152 Resp: 761425

Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.2

150 153.5 0.0 311.8



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

