

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060189.D
 Acq On : 24 Oct 2018 18:39
 Operator : JC/SY
 Sample : J5198-29
 Misc : 5.82/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 25 04:23:20 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

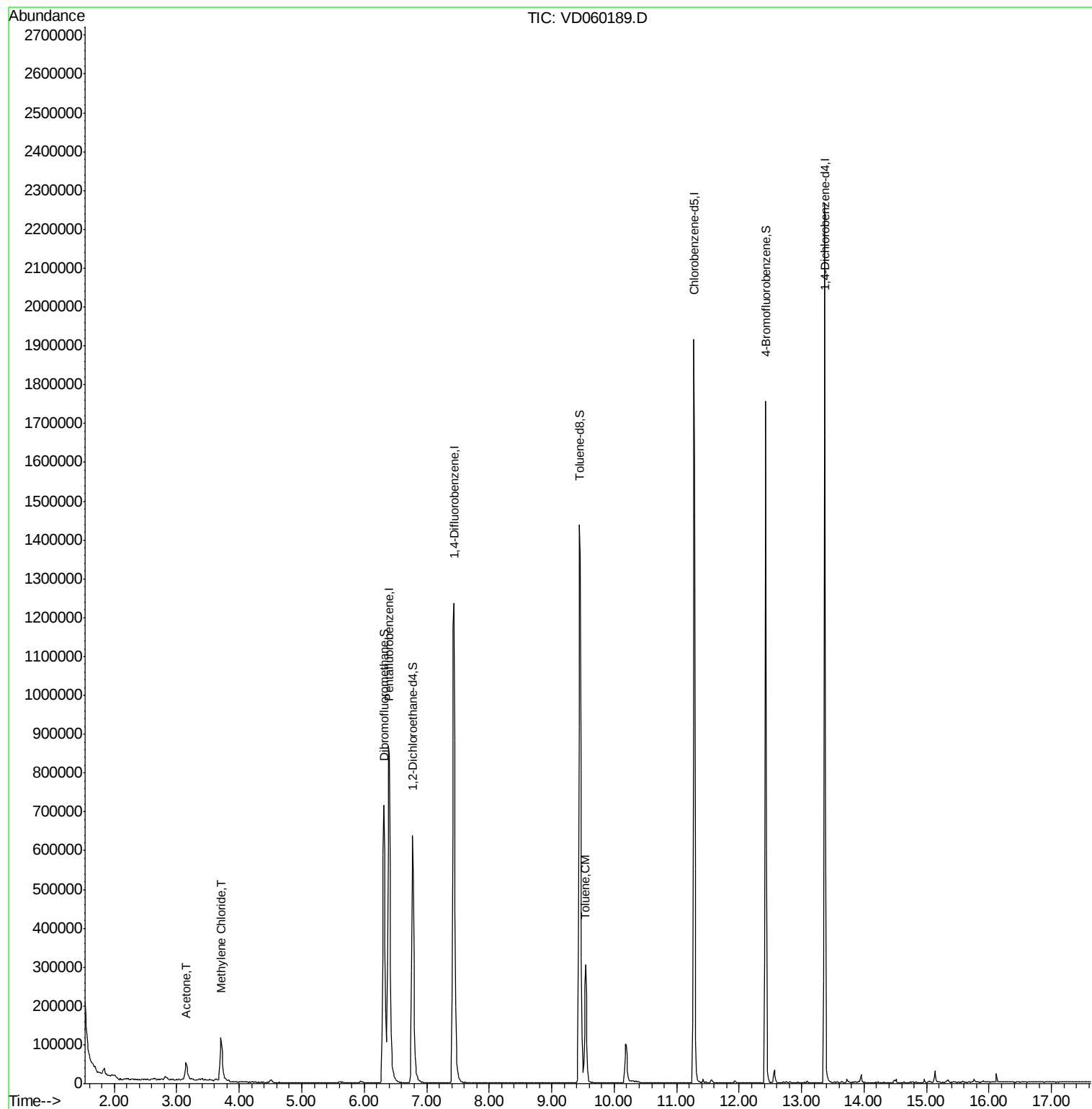
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	855544	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1320238	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.27	117	1037564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	520443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	522920	80.63	ug/l	0.02
Spiked Amount	50.000		Recovery	=	161.26%	
35) Dibromofluoromethane	6.31	113	558551	55.71	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.42%	
50) Toluene-d8	9.44	98	1190335	41.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.28%	
62) 4-Bromofluorobenzene	12.43	95	516040	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
Target Compounds						
16) Acetone	3.15	43	88912	75.557	ug/l	97
20) Methylene Chloride	3.71	84	72212	3.824	ug/l	93
52) Toluene	9.54	92	151184	7.112	ug/l	96

(#) = 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# 496

Delta R.T. 0.02 min

Lab File: VD060189.D

Acq: 24 Oct 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

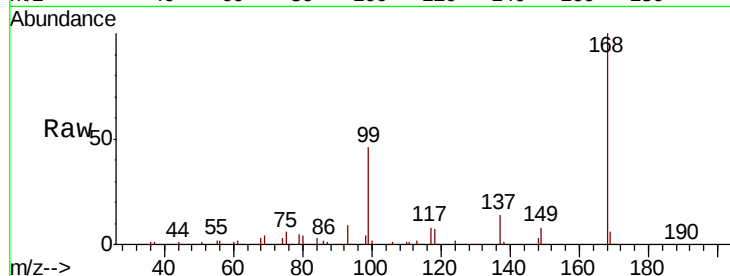
CL-01-102318-E

Tot Ion:168 Resp: 855544

Ion Ratio Lower Upper

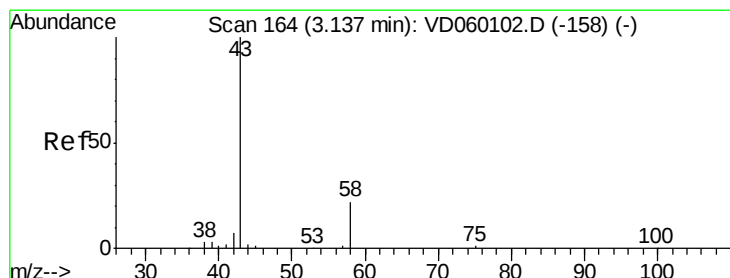
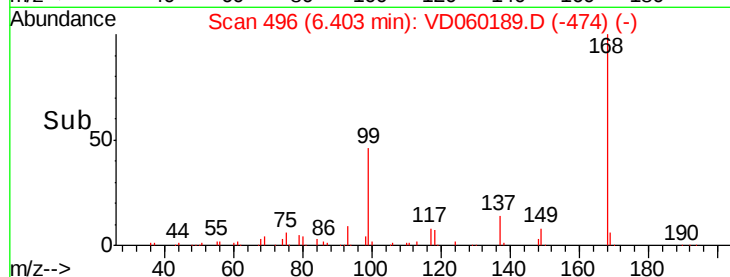
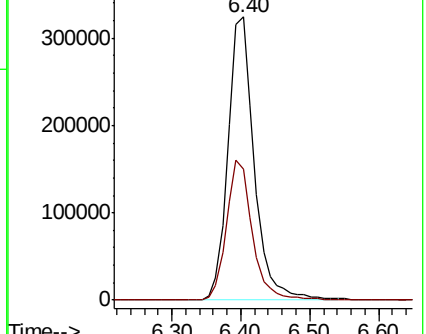
168 100

99 46.4 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: 75.557 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060189.D

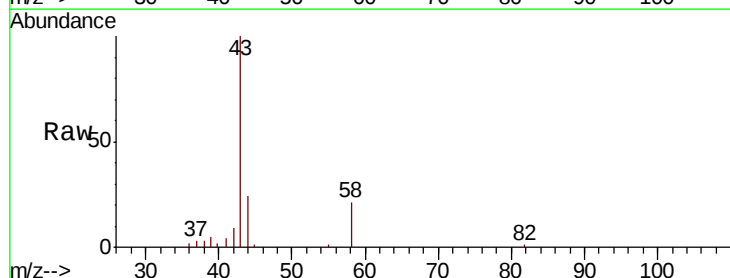
Acq: 24 Oct 2018 18:39

Tgt Ion: 43 Resp: 88912

Ion Ratio Lower Upper

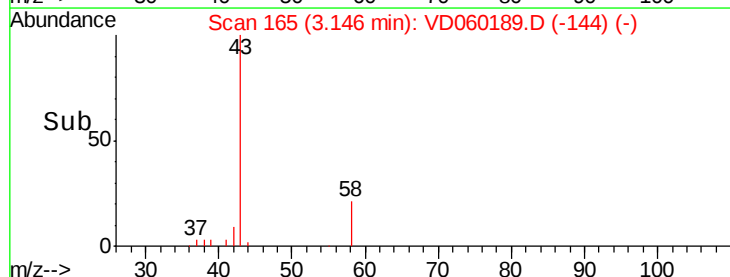
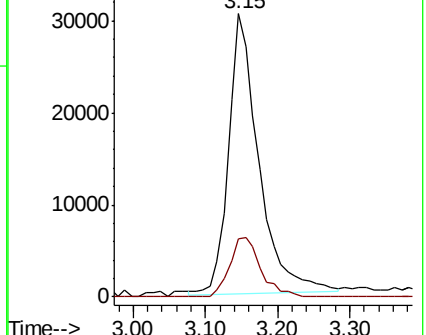
43 100

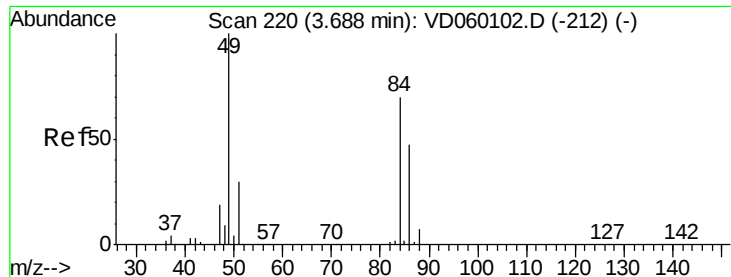
58 20.6 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



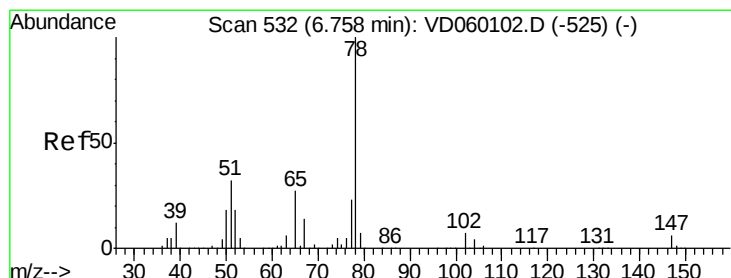
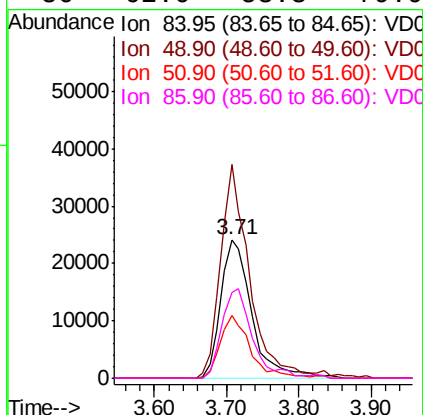
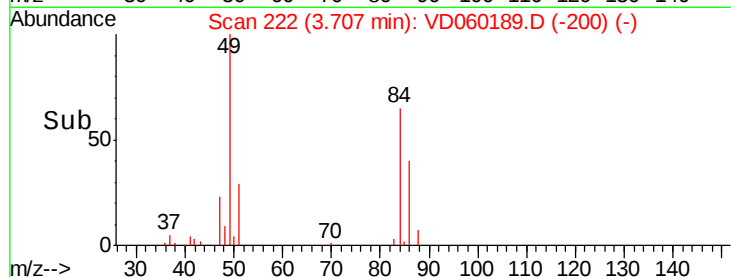
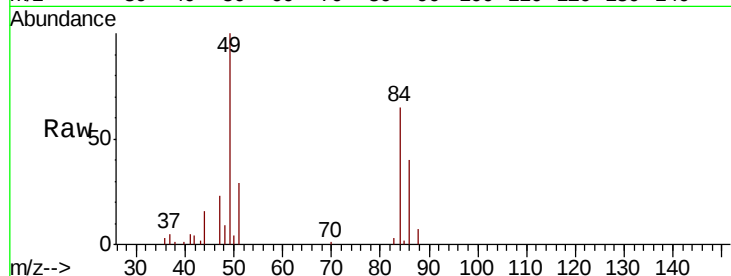


#20
Methvlene Chloride
Concen: 3.824 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.02 min
Lab File: VD060189.D
Acq: 24 Oct 2018 18:39

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

Tot Ion: 84 Resp: 72212

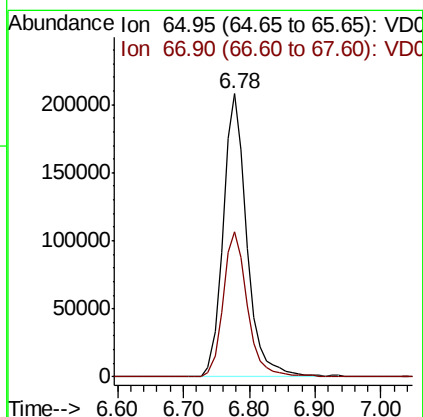
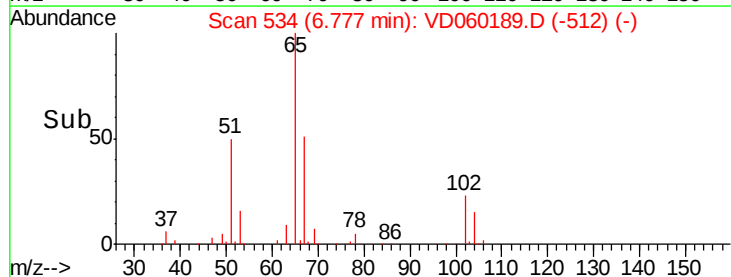
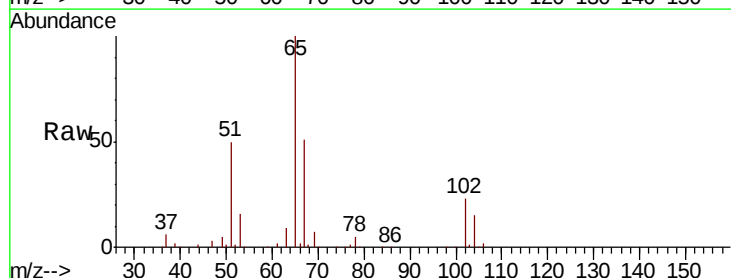
Ion	Ratio	Lower	Upper
84	100		
49	154.1	114.6	172.0
51	44.9	33.8	50.8
86	62.0	53.3	79.9

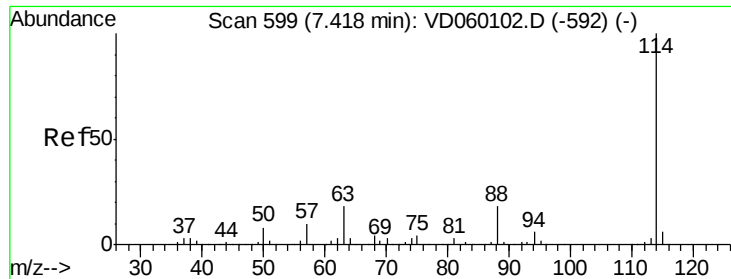


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060189.D
Acq: 24 Oct 2018 18:39

Tgt Ion: 65 Resp: 522920

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.2

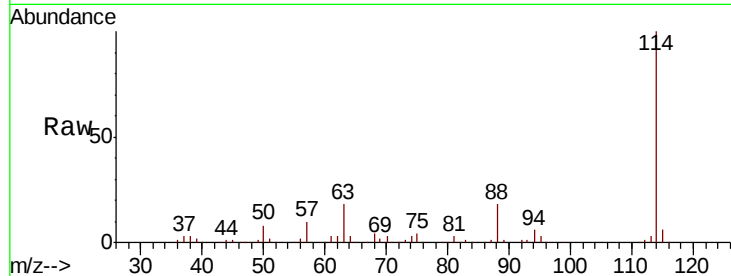




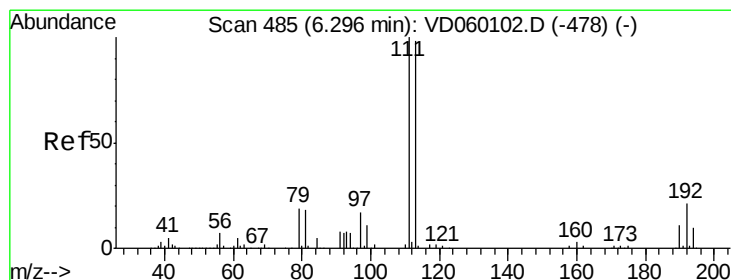
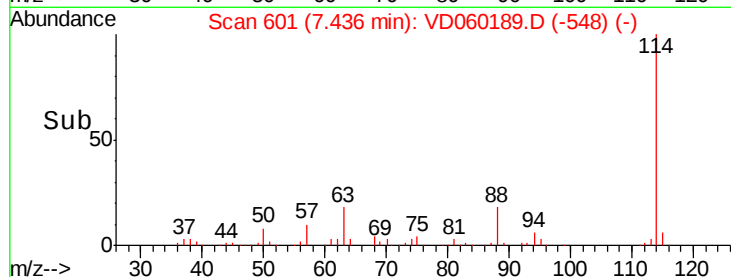
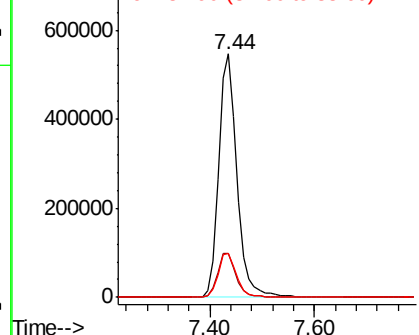
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060189.D
 Acq: 24 Oct 2018 18:39

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

Tot Ion:114 Resp: 1320238
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.0
 88 18.0 0.0 36.2

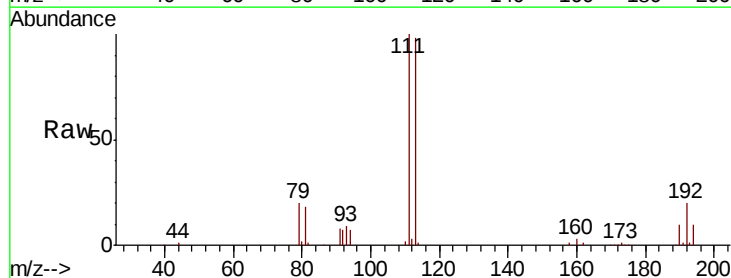


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

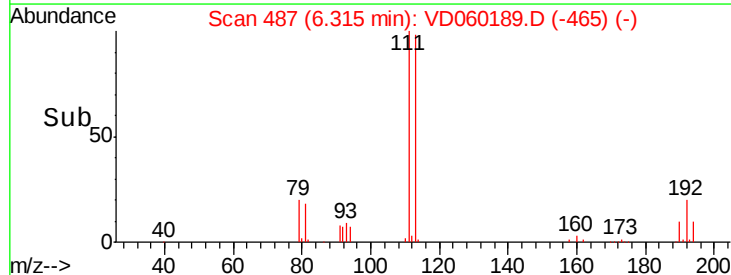
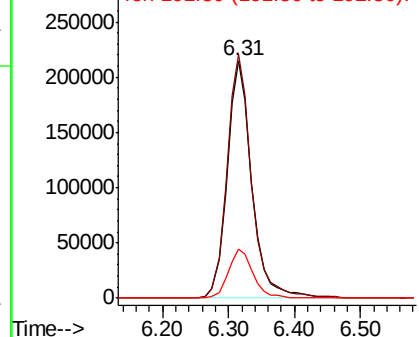


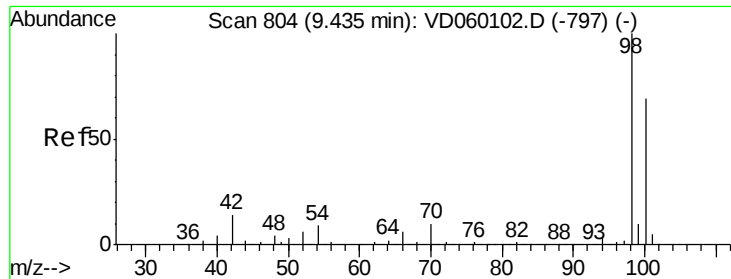
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060189.D
 Acq: 24 Oct 2018 18:39

Tgt Ion:113 Resp: 558551
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 20.6 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: 9.44 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060189.D

Acq: 24 Oct 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

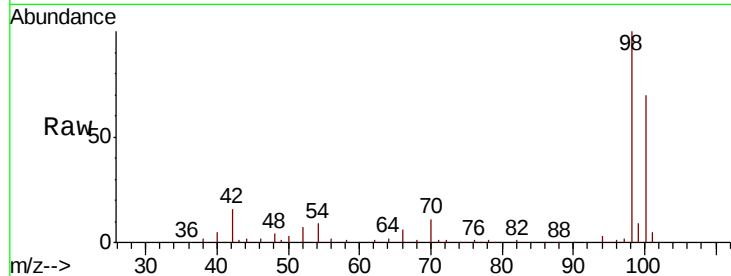
CL-01-102318-E

Tot Ion: 98 Resp: 1190335

Ion Ratio Lower Upper

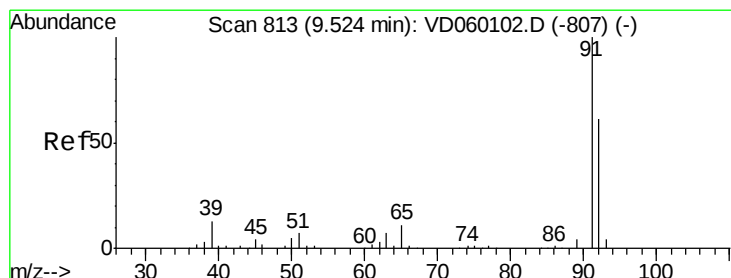
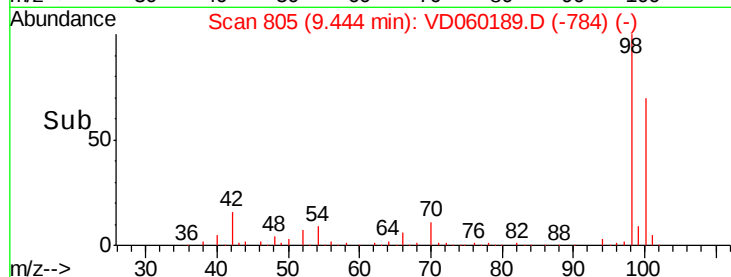
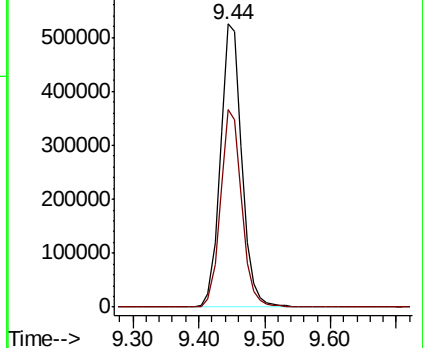
98 100

100 69.7 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: 7.112 ug/l

RT: 9.54 min Scan# 815

Delta R.T. 0.02 min

Lab File: VD060189.D

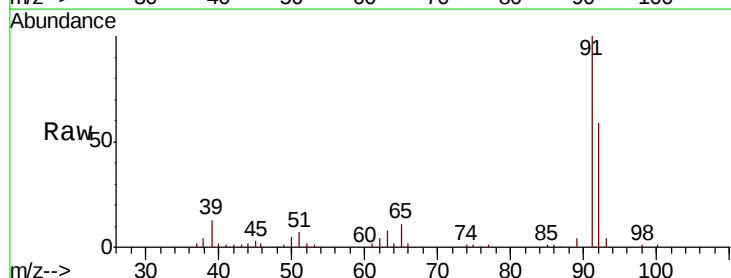
Acq: 24 Oct 2018 18:39

Tgt Ion: 92 Resp: 151184

Ion Ratio Lower Upper

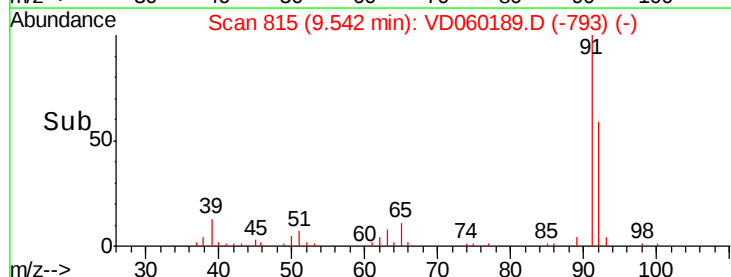
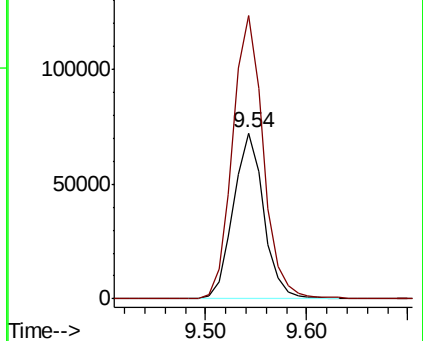
92 100

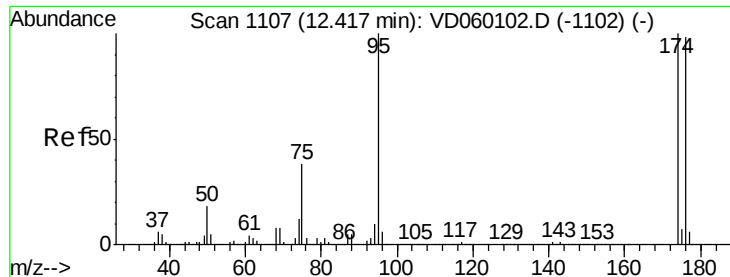
91 170.8 131.9 197.9



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: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060189.D

Acq: 24 Oct 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

CL-01-102318-E

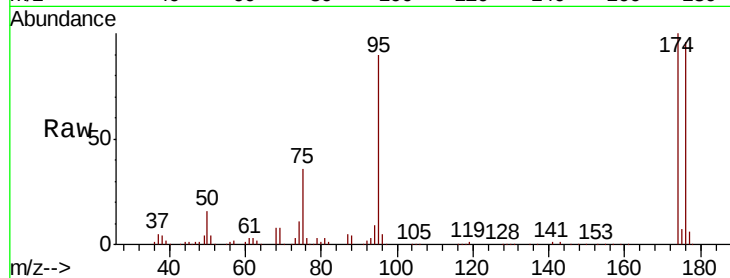
Tot Ion: 95 Resp: 516040

Ion Ratio Lower Upper

95 100

174 111.6 0.0 200.2

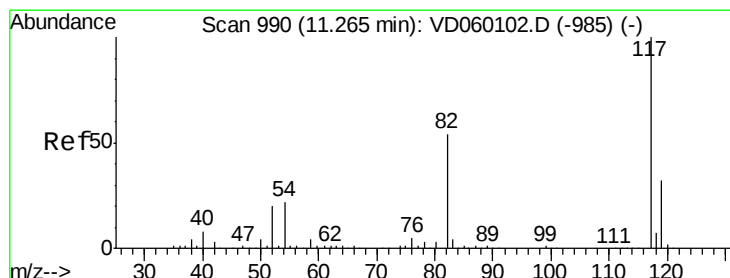
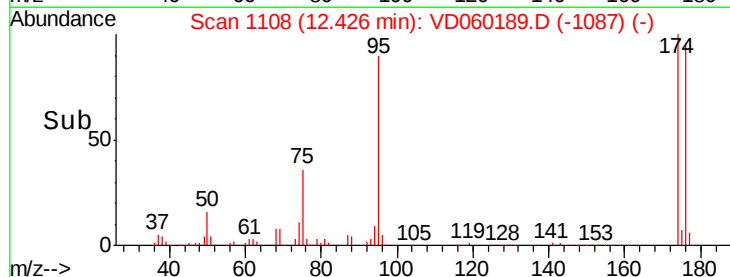
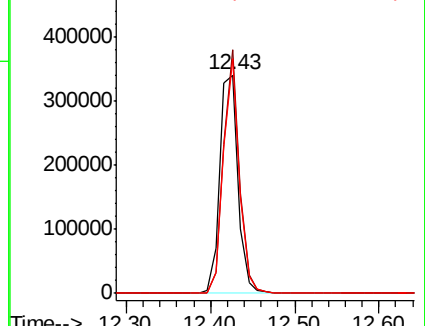
176 107.6 0.0 195.6



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: 11.27 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060189.D

Acq: 24 Oct 2018 18:39

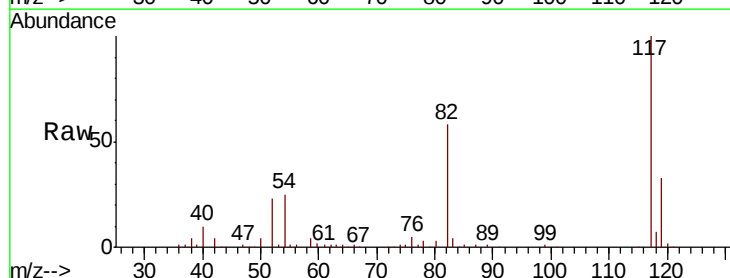
Tgt Ion: 117 Resp: 1037564

Ion Ratio Lower Upper

117 100

82 58.3 43.4 65.2

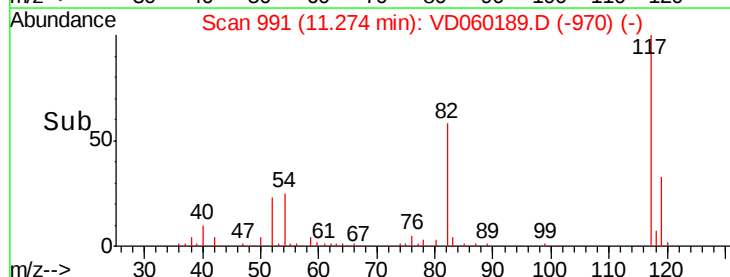
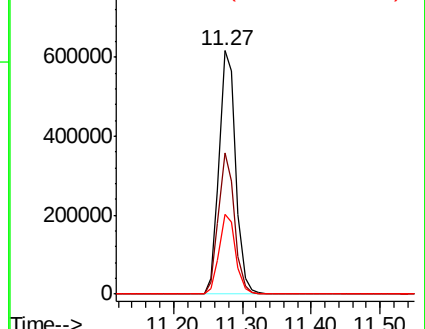
119 32.7 26.0 39.0

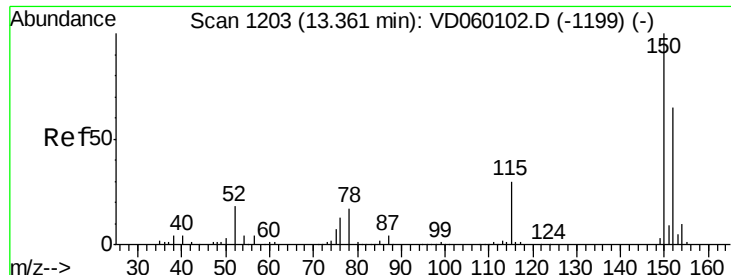


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

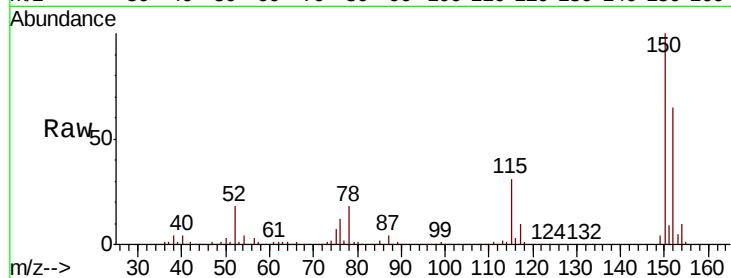




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060189.D
 Acq: 24 Oct 2018 18:39

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	48.3	27.1	81.2
150	153.9	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

