

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121118\
 Data File : VD060534.D
 Acq On : 11 Dec 2018 14:35
 Operator : VA/AP
 Sample : J6193-05
 Misc : 6.54g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-121018-C

Quant Time: Dec 12 03:45:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

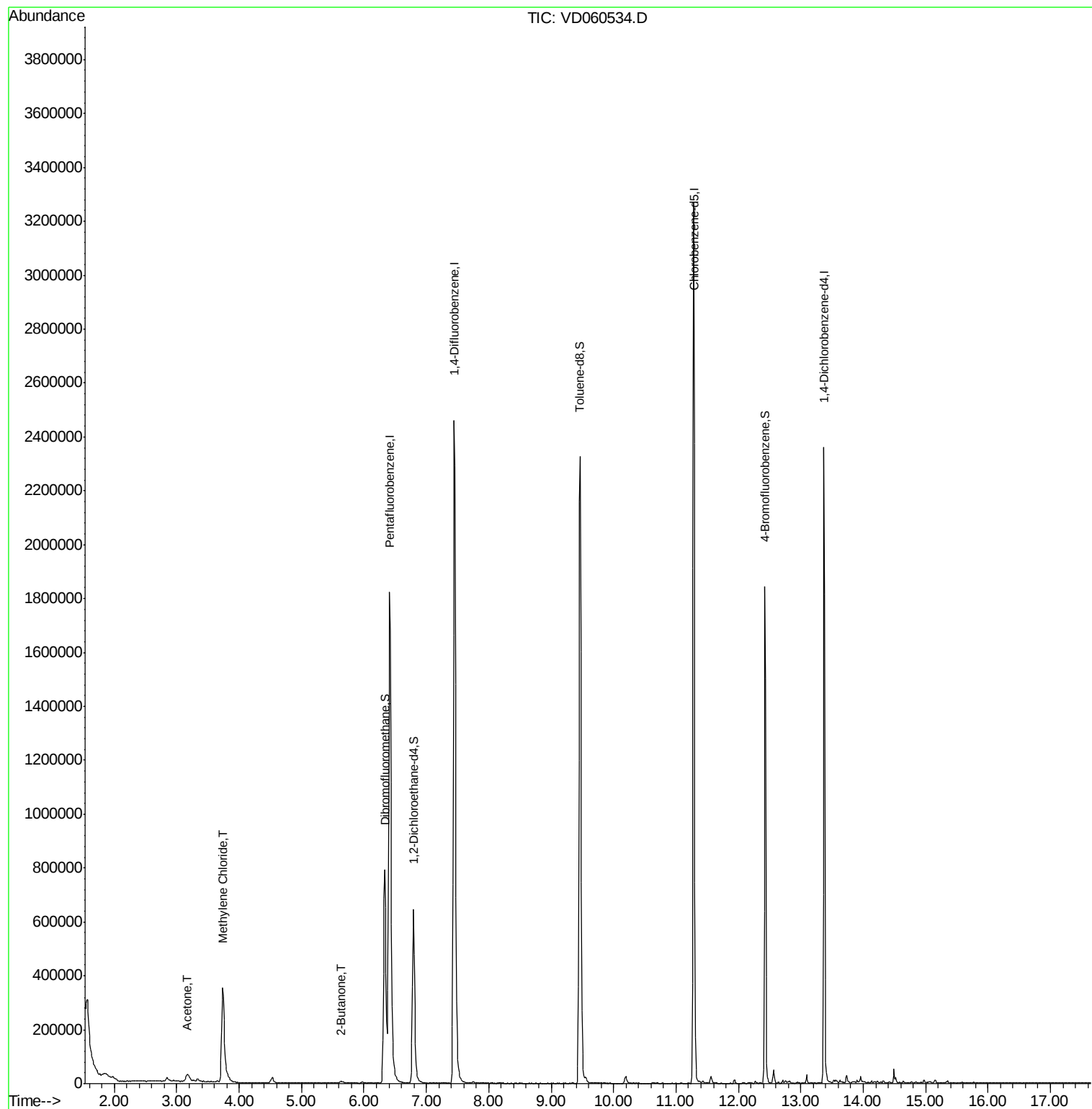
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1882636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2676343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1756324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	553049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	575974	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
35) Dibromofluoromethane	6.33	113	655099	33.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.64%	
50) Toluene-d8	9.46	98	1940616	34.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.22%	
62) 4-Bromofluorobenzene	12.42	95	539470	26.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.00%	
Target Compounds						
16) Acetone	3.16	43	74952	35.042	ug/l	99
20) Methylene Chloride	3.74	84	262872	9.788	ug/l	94
25) 2-Butanone	5.63	43	14176	3.369	ug/l	96

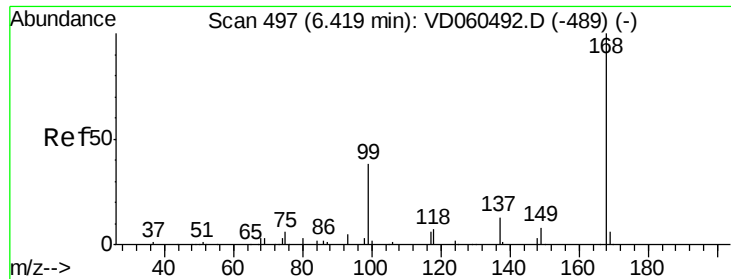
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060534.D

Acq: 11 Dec 2018 14:35

Instrument :

MSVOA_D

ClientSampleId :

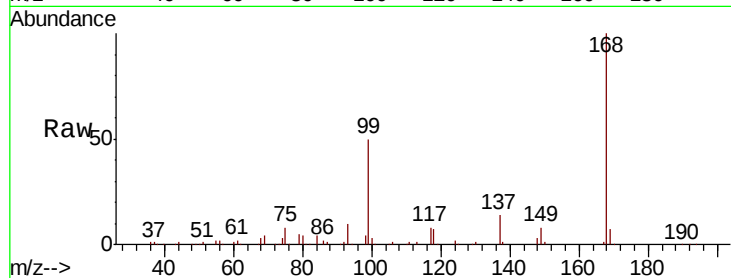
CL-01-121018-C

Tot Ion:168 Resp: 1882636

Ion Ratio Lower Upper

168 100

99 49.8 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

800000

600000

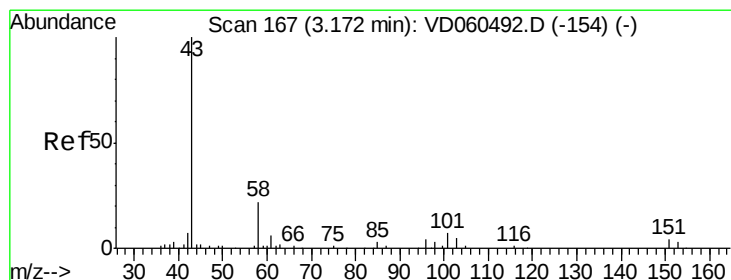
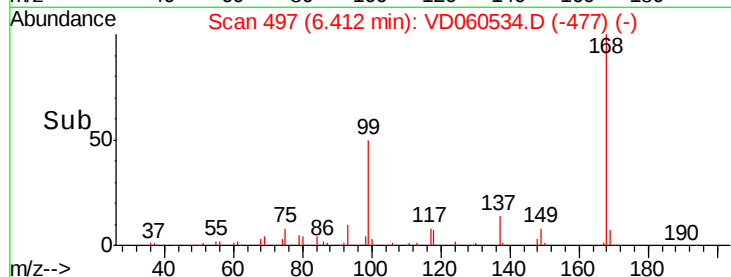
400000

200000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 35.042 ug/l

RT: 3.16 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060534.D

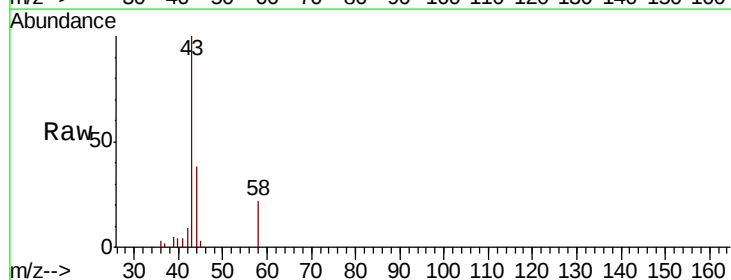
Acq: 11 Dec 2018 14:35

Tgt Ion: 43 Resp: 74952

Ion Ratio Lower Upper

43 100

58 22.0 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

20000

15000

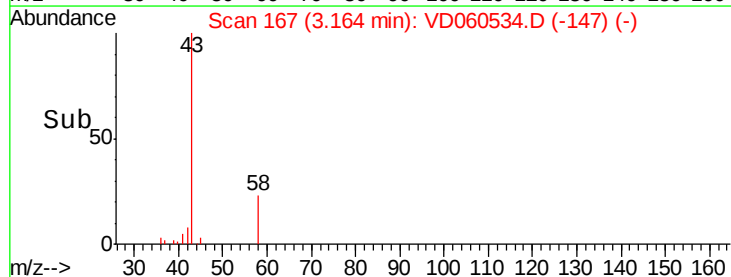
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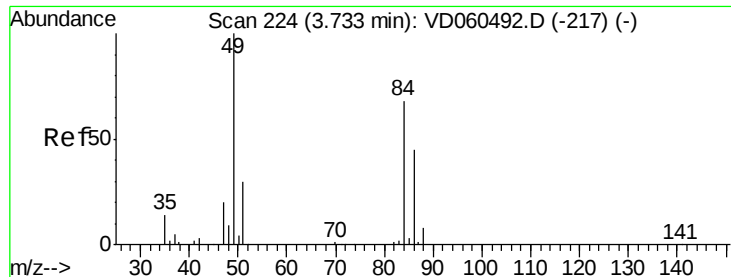
5000

0

3.10 3.20 3.30

Time-->

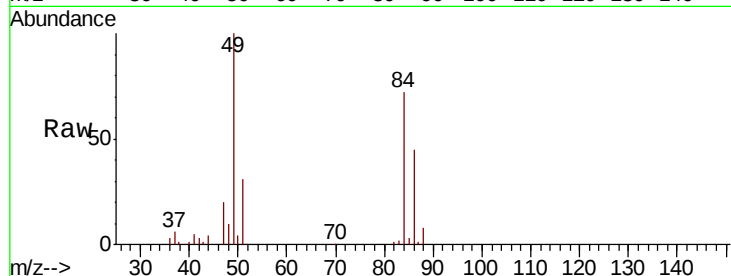




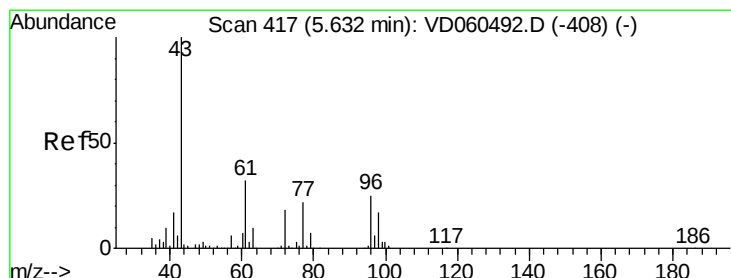
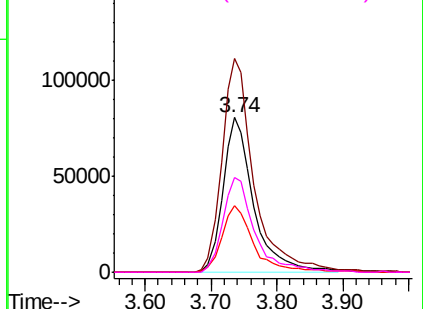
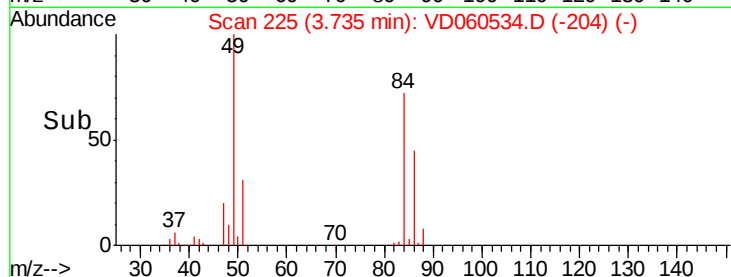
#20
Methvlene Chloride
Concen: 9.788 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD060534.D
Acq: 11 Dec 2018 14:35

Instrument :
MSVOA_D
ClientSampleId :
CL-01-121018-C

Tot Ion: 84 Resp: 262872
Ion Ratio Lower Upper
84 100
49 138.0 117.2 175.8
51 43.2 35.3 52.9
86 61.5 53.2 79.8

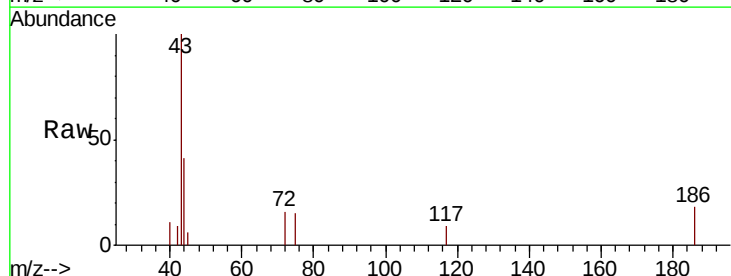


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

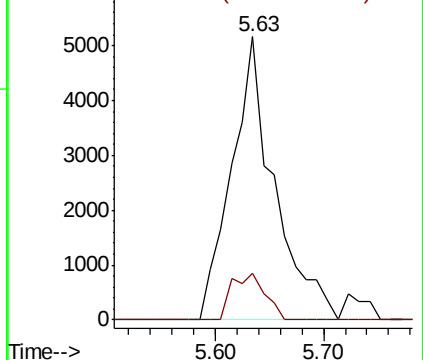
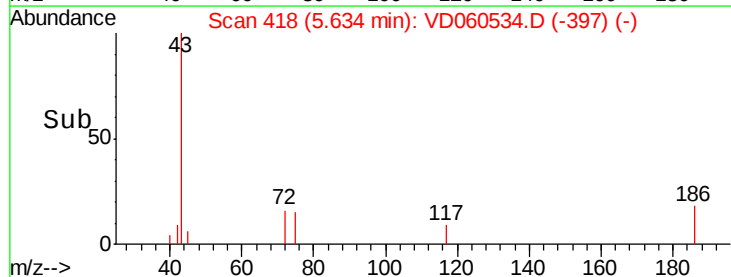


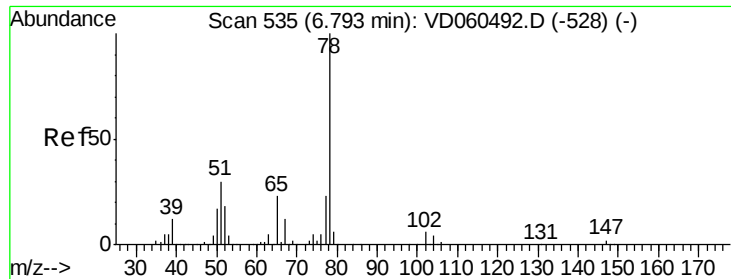
#25
2-Butanone
Concen: 3.369 ug/l
RT: 5.63 min Scan# 418
Delta R.T. 0.00 min
Lab File: VD060534.D
Acq: 11 Dec 2018 14:35

Tgt Ion: 43 Resp: 14176
Ion Ratio Lower Upper
43 100
72 16.4 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

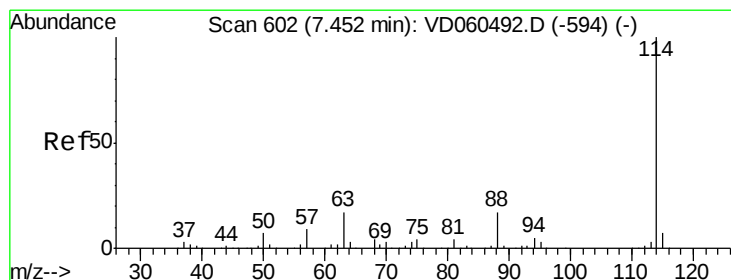
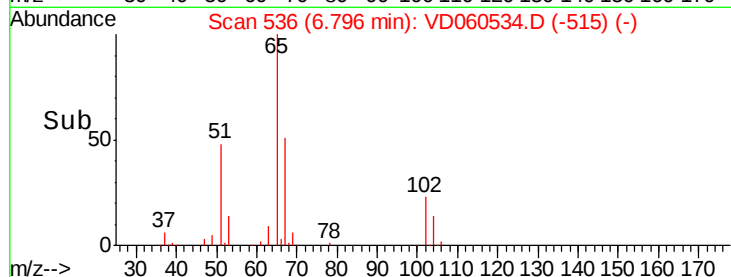
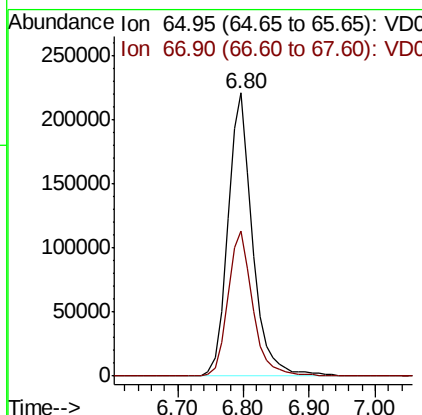
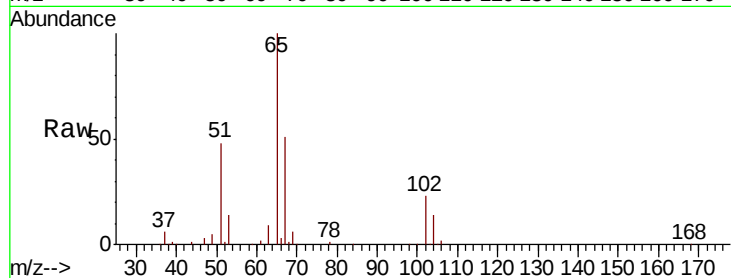




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.80 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VD060534.D
 Acq: 11 Dec 2018 14:35

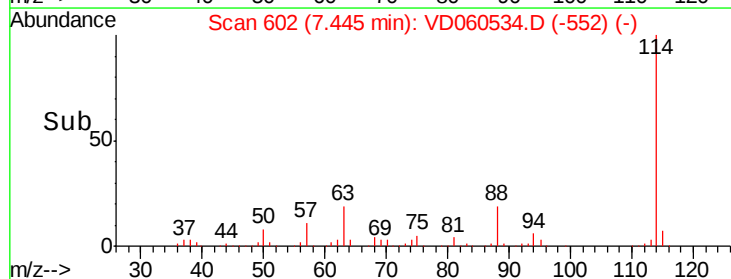
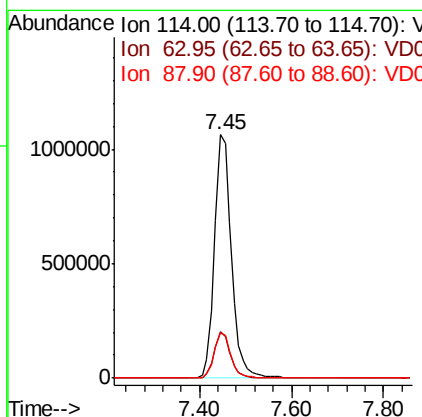
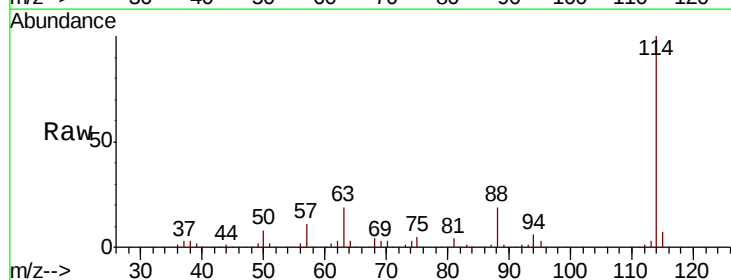
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-121018-C

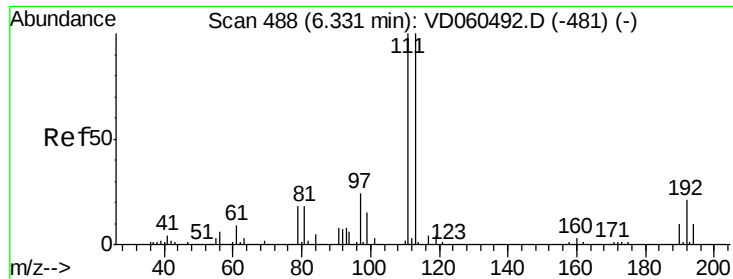
Tot Ion: 65 Resp: 575974
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060534.D
 Acq: 11 Dec 2018 14:35

Tgt Ion: 114 Resp: 2676343
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.2
 88 18.5 0.0 35.0

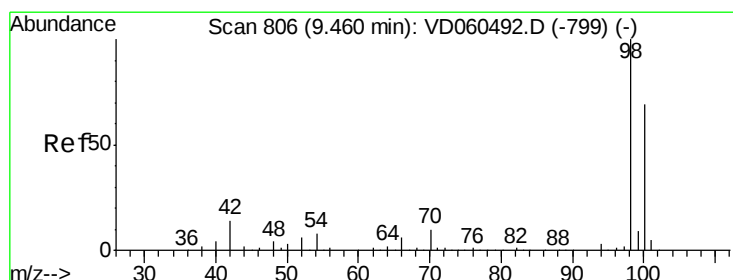
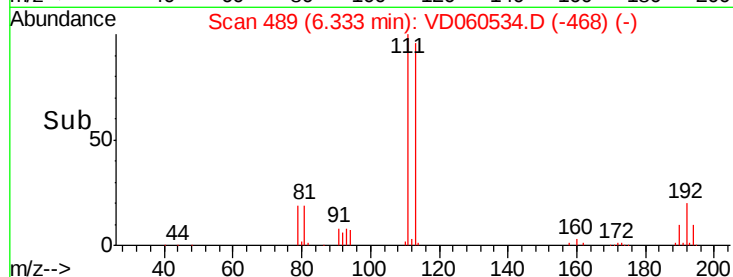
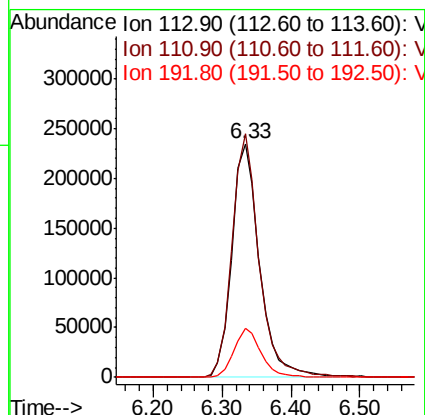
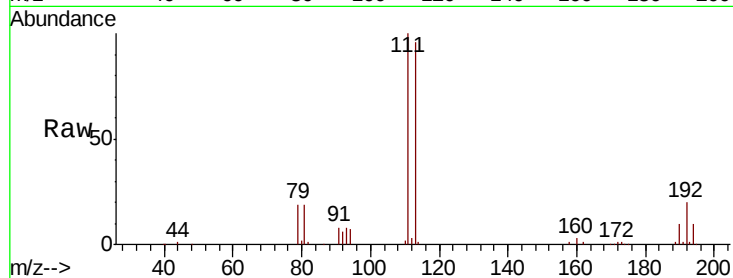




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 489
Delta R.T. 0.00 min
Lab File: VD060534.D
Acq: 11 Dec 2018 14:35

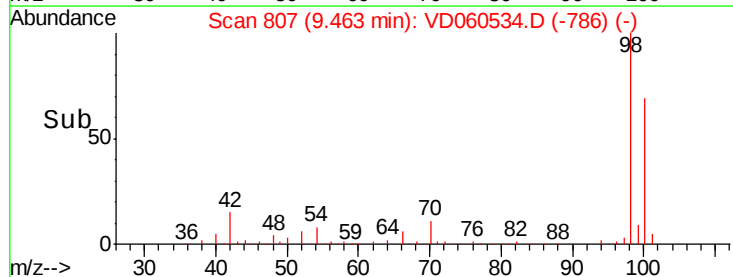
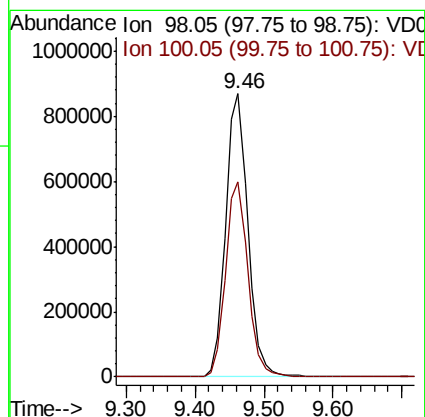
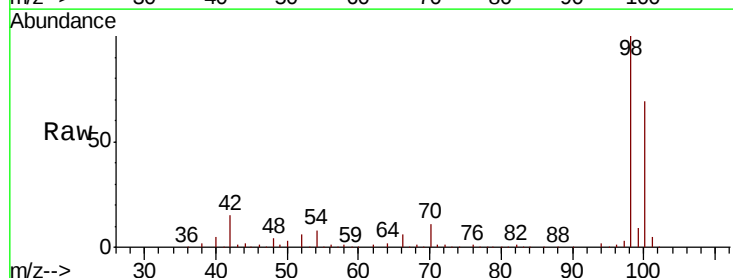
Instrument :
MSVOA_D
ClientSampleId :
CL-01-121018-C

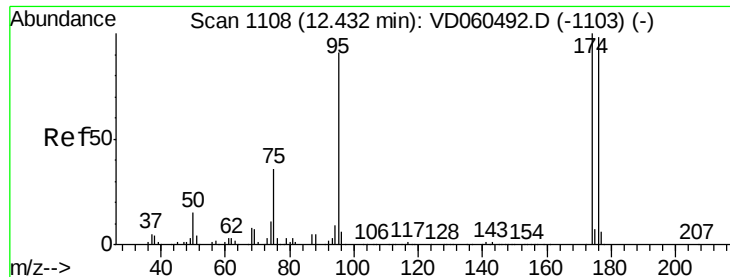
Tot Ion:113 Resp: 655099
Ion Ratio Lower Upper
113 100
111 104.1 80.2 120.4
192 21.0 16.6 24.8



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.00 min
Lab File: VD060534.D
Acq: 11 Dec 2018 14:35

Tgt Ion: 98 Resp: 1940616
Ion Ratio Lower Upper
98 100
100 68.8 55.7 83.5





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060534.D

Acq: 11 Dec 2018 14:35

Instrument :

MSVOA_D

ClientSampleId :

CL-01-121018-C

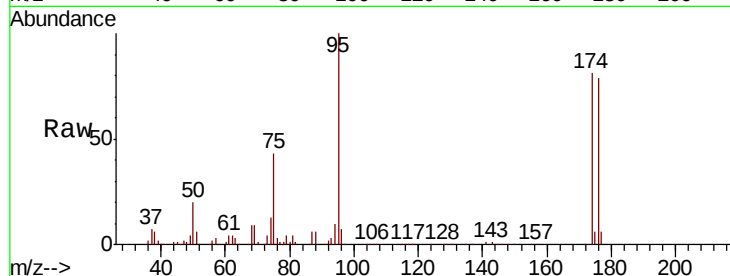
Tot Ion: 95 Resp: 539470

Ion Ratio Lower Upper

95 100

174 81.3 0.0 219.4

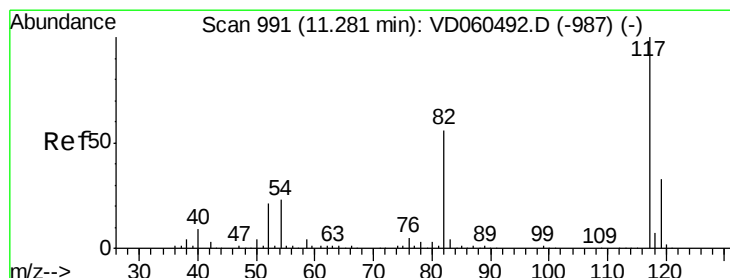
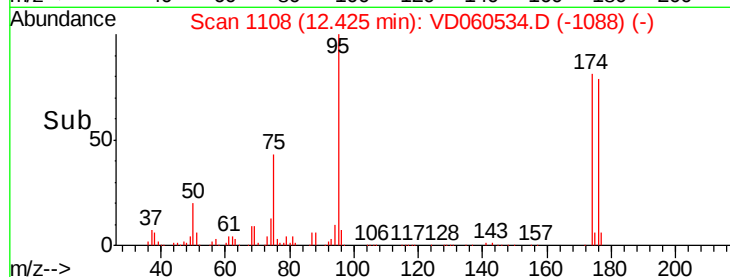
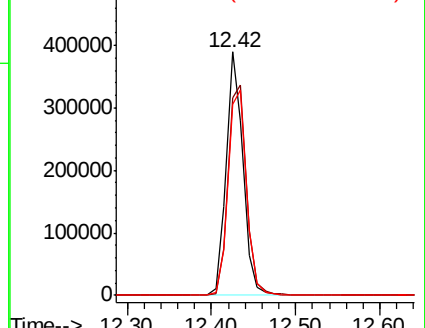
176 78.5 0.0 214.6



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# 992

Delta R.T. 0.00 min

Lab File: VD060534.D

Acq: 11 Dec 2018 14:35

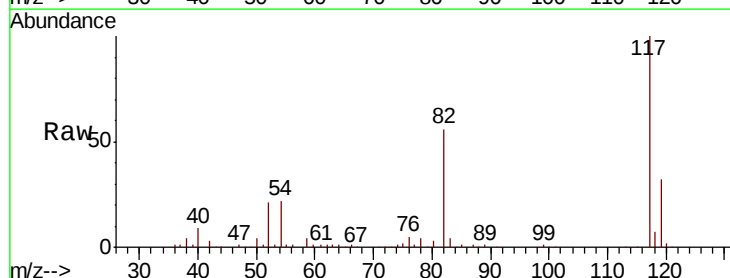
Tgt Ion: 117 Resp: 1756324

Ion Ratio Lower Upper

117 100

82 55.7 45.2 67.8

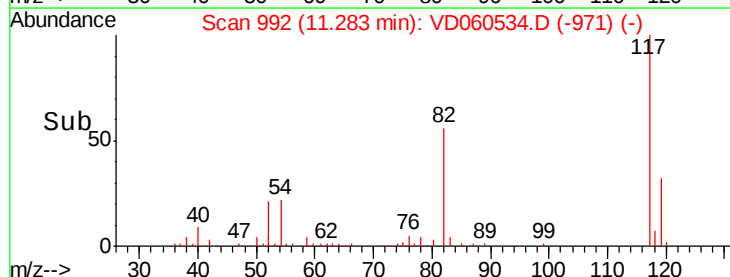
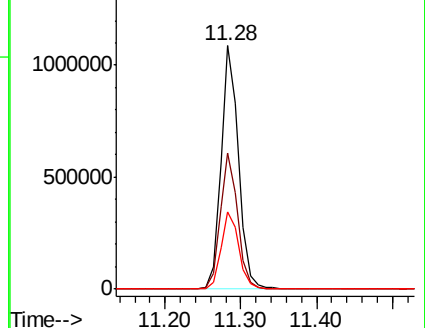
119 31.9 26.1 39.1

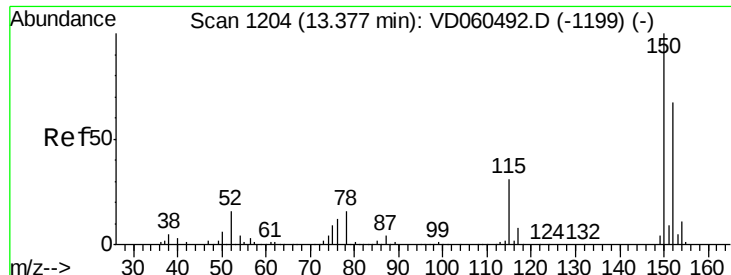


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

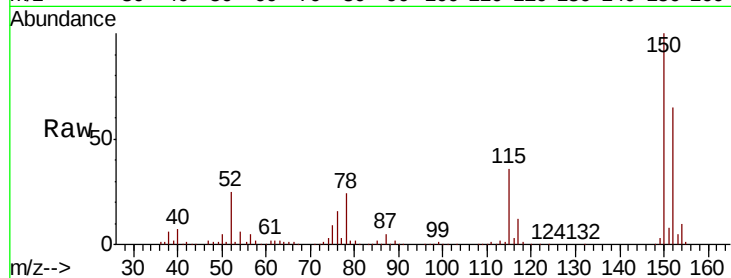




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060534.D
 Acq: 11 Dec 2018 14:35

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-121018-C

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	24.6	74.0
150	153.5	0.0	309.0



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

