

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121118\
 Data File : VD060536.D
 Acq On : 11 Dec 2018 15:31
 Operator : VA/AP
 Sample : J6193-09
 Misc : 6.38g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 12 03:49:19 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

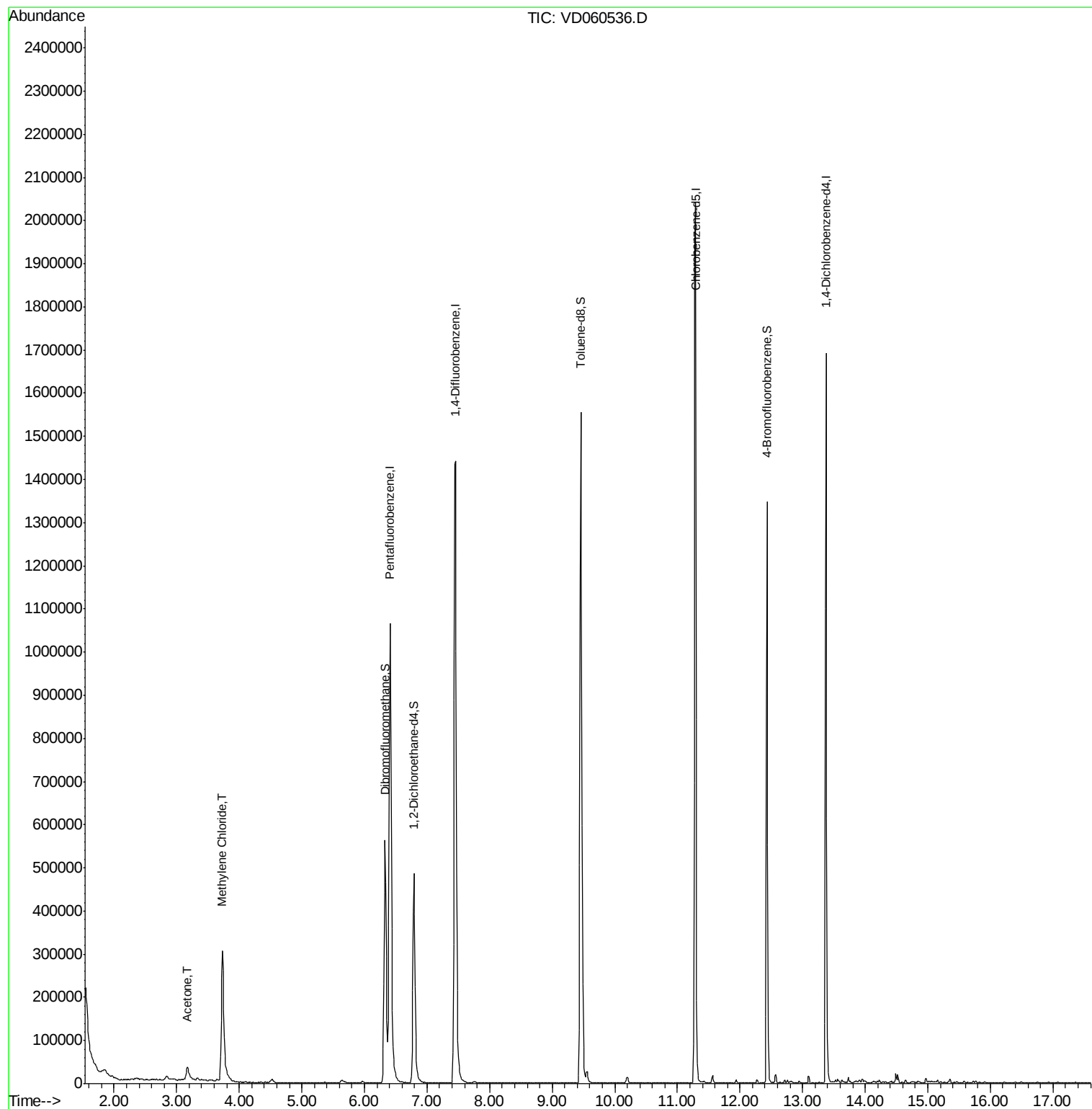
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1053953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1583815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1145197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	383103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	412815	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
35) Dibromofluoromethane	6.33	113	433779	37.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.58%	
50) Toluene-d8	9.46	98	1207275	35.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.72%	
62) 4-Bromofluorobenzene	12.43	95	374007	31.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.10%	
Target Compounds						
16) Acetone	3.17	43	73525	61.402	ug/l #	90
20) Methylene Chloride	3.73	84	195428	14.609	ug/l	97

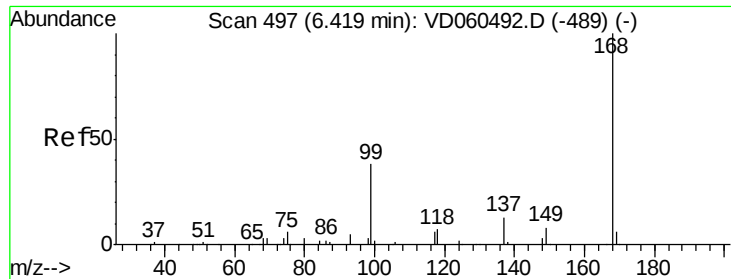
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.00 min

Lab File: VD060536.D

Acq: 11 Dec 2018 15:31

Instrument :

MSVOA_D

ClientSampleId :

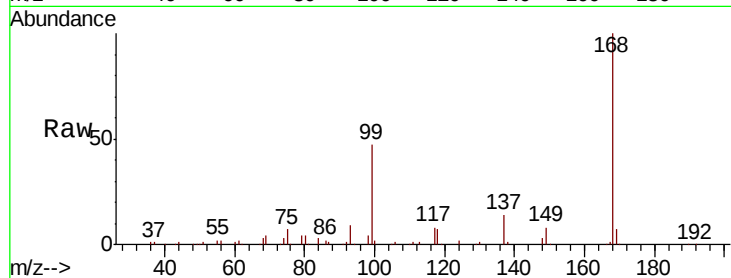
CL-01-121018-E

Tot Ion:168 Resp: 1053953

Ion Ratio Lower Upper

168 100

99 47.4 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

400000

300000

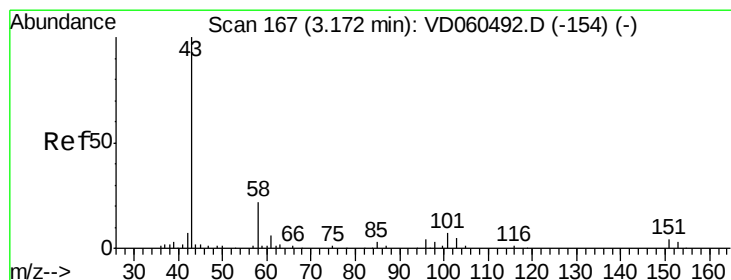
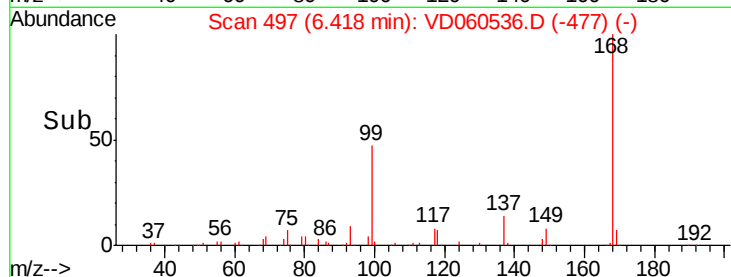
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 61.402 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060536.D

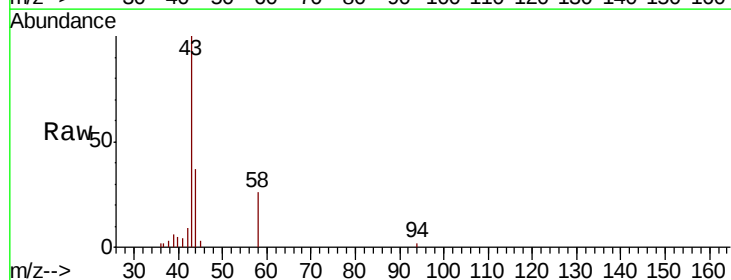
Acq: 11 Dec 2018 15:31

Tgt Ion: 43 Resp: 73525

Ion Ratio Lower Upper

43 100

58 26.3 17.3 25.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

20000

15000

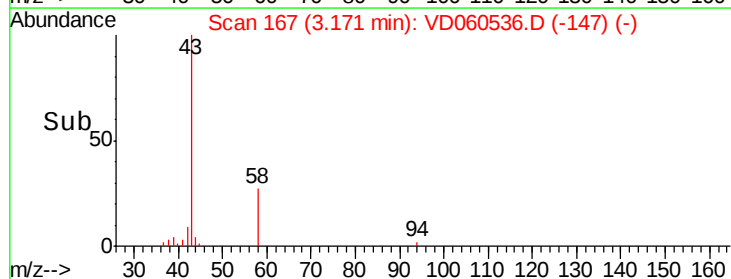
10000

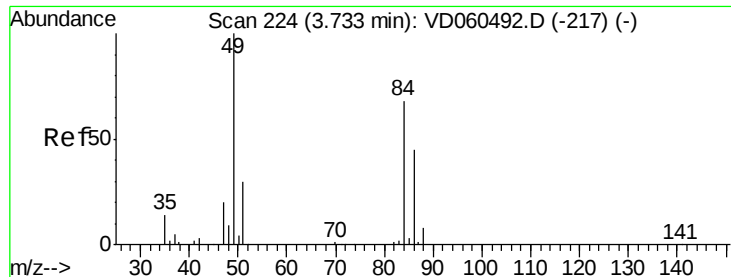
5000

0

3.00 3.10 3.20 3.30 3.40

Time-->

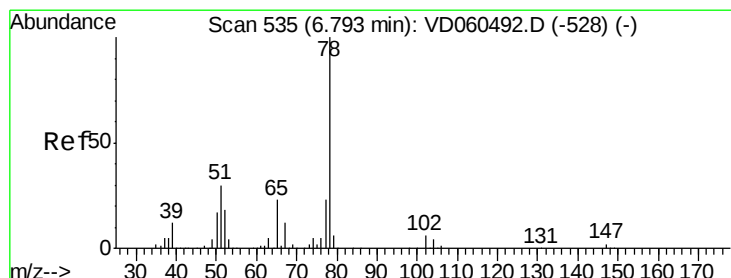
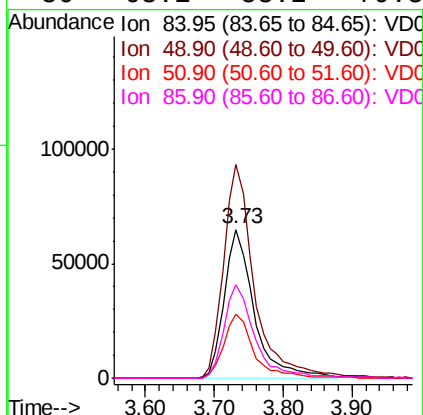
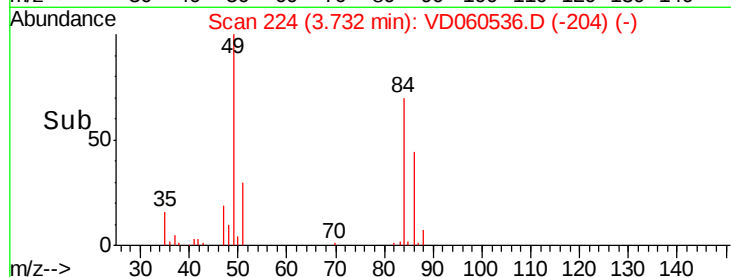
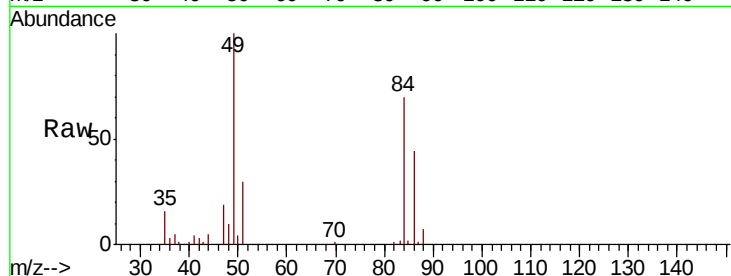




#20
Methylene Chloride
Concen: 14.609 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060536.D
Acq: 11 Dec 2018 15:31

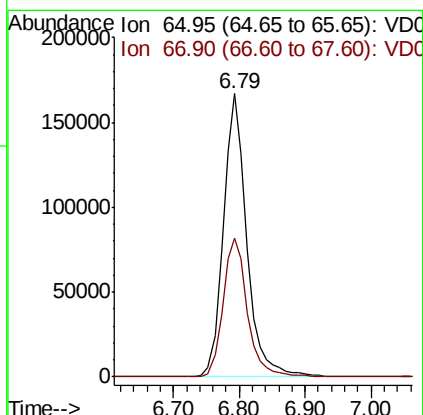
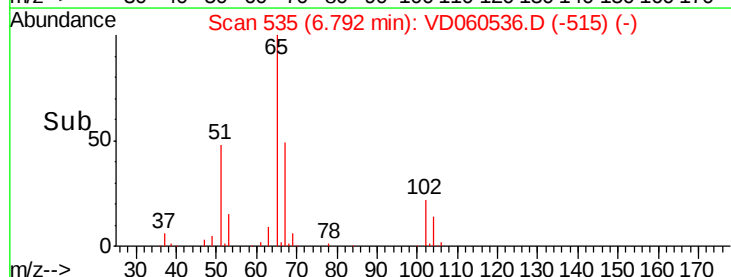
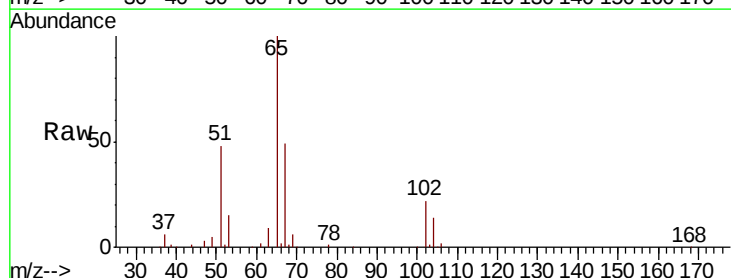
Instrument :
MSVOA_D
ClientSampleId :
CL-01-121018-E

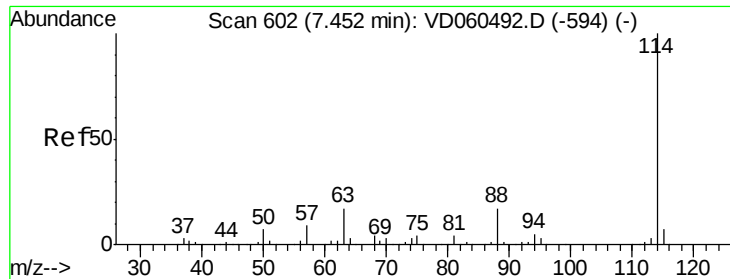
Tot Ion	Ratio	Lower	Upper
84	100		
49	143.3	117.2	175.8
51	43.0	35.3	52.9
86	63.1	53.2	79.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.00 min
Lab File: VD060536.D
Acq: 11 Dec 2018 15:31

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	106.8

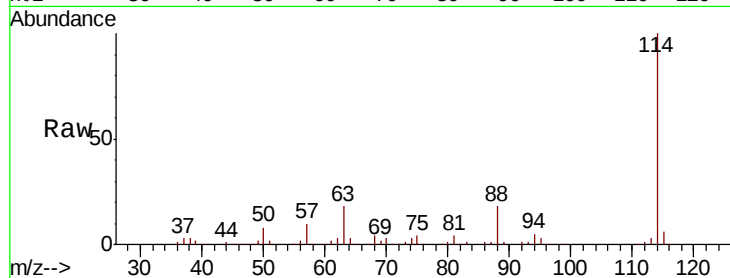




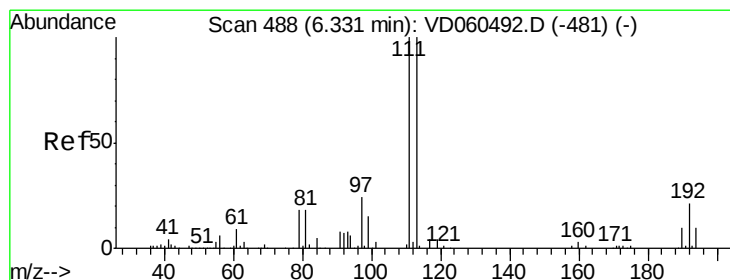
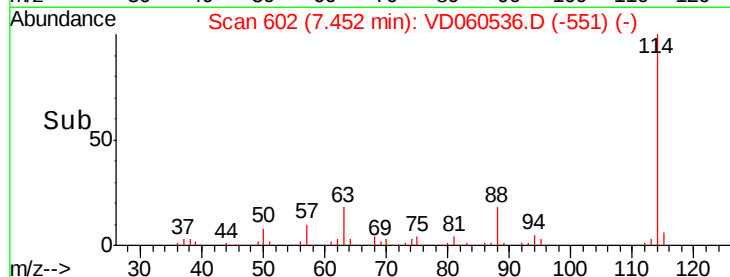
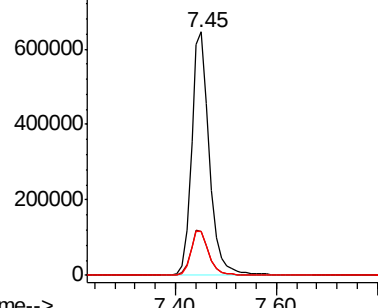
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.00 min
Lab File: VD060536.D
Acq: 11 Dec 2018 15:31

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

Tot Ion:114 Resp: 1583815
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.2
88 18.2 0.0 35.0

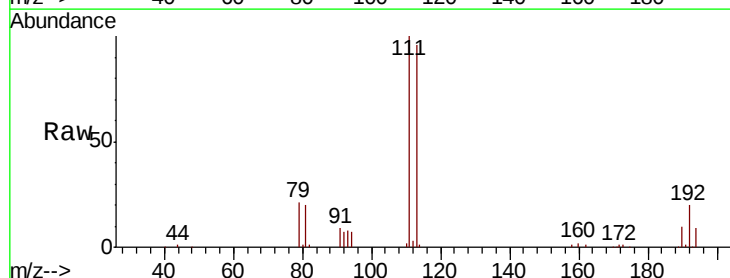


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

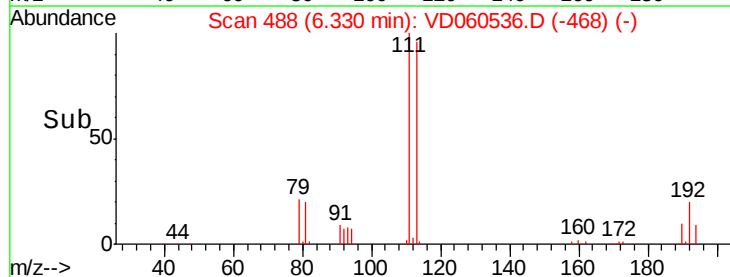
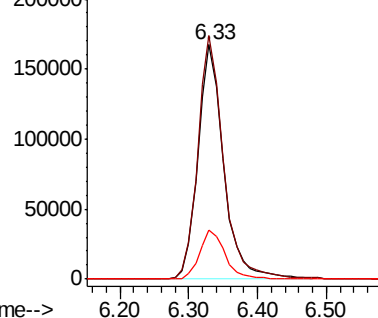


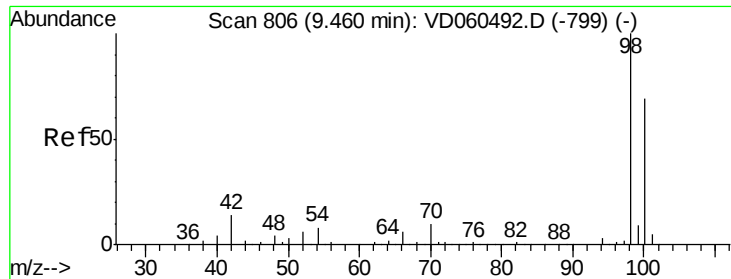
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.00 min
Lab File: VD060536.D
Acq: 11 Dec 2018 15:31

Tgt Ion:113 Resp: 433779
Ion Ratio Lower Upper
113 100
111 104.0 80.2 120.4
192 20.8 16.6 24.8



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: 9.46 min Scan# 806

Delta R.T. -0.00 min

Lab File: VD060536.D

Acq: 11 Dec 2018 15:31

Instrument :

MSVOA_D

ClientSampleId :

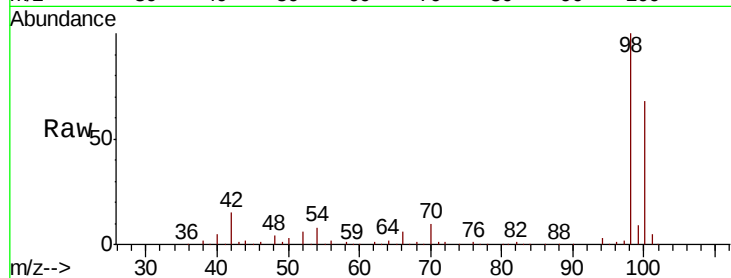
CL-01-121018-E

Tot Ion: 98 Resp: 1207275

Ion Ratio Lower Upper

98 100

100 68.4 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)

Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

9.46

600000

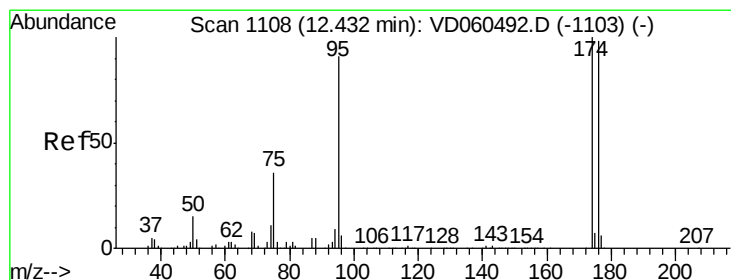
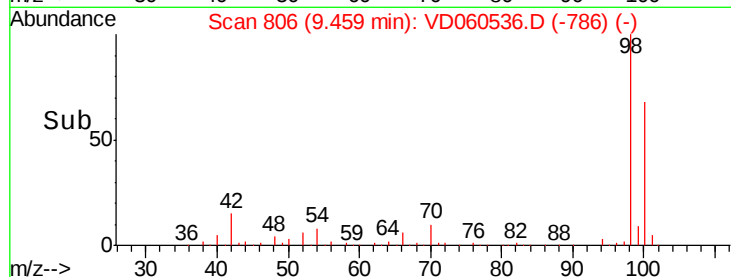
400000

200000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VD060536.D

Acq: 11 Dec 2018 15:31

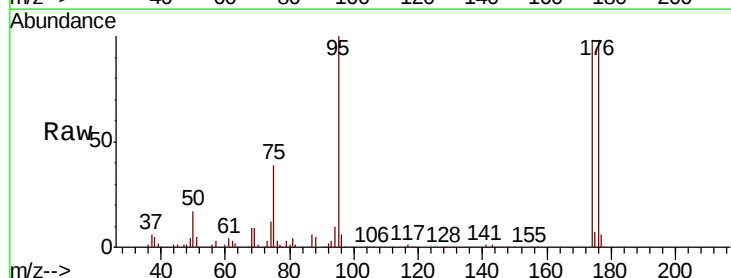
Tgt Ion: 95 Resp: 374007

Ion Ratio Lower Upper

95 100

174 98.0 0.0 219.4

176 98.3 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)

Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)

Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

12.43

300000

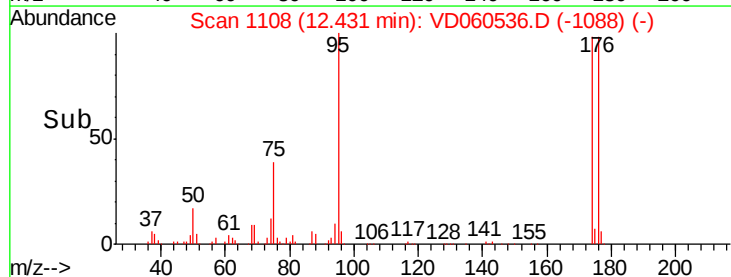
200000

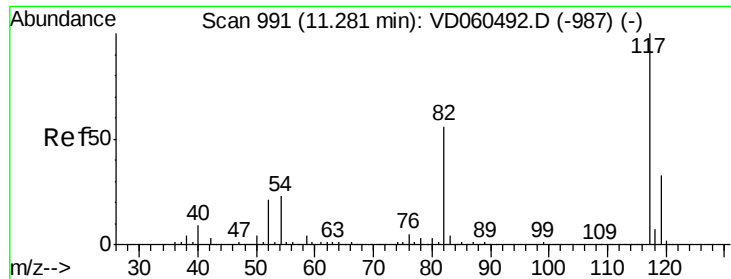
100000

0

12.40 12.50

Time-->

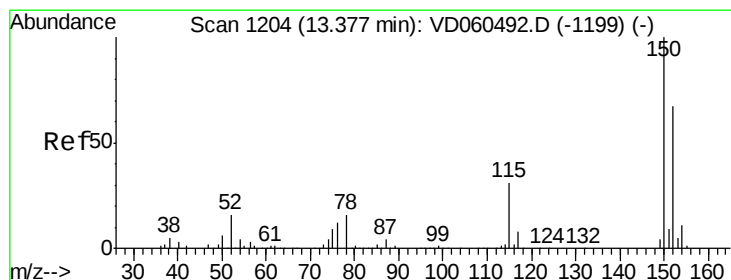
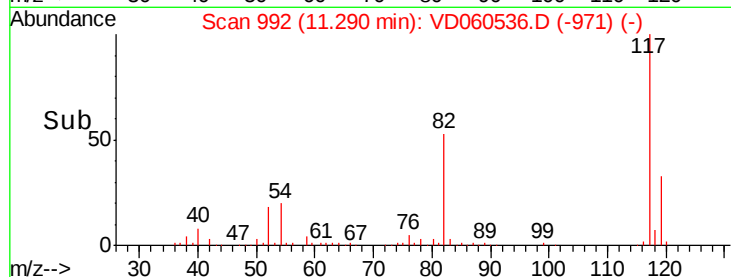
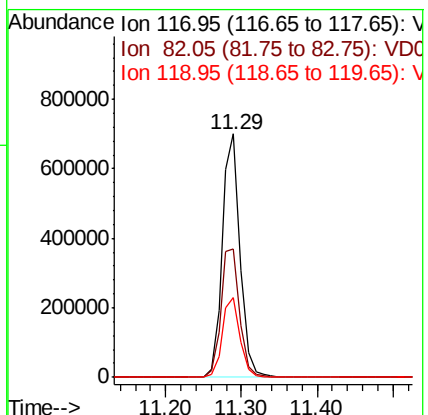
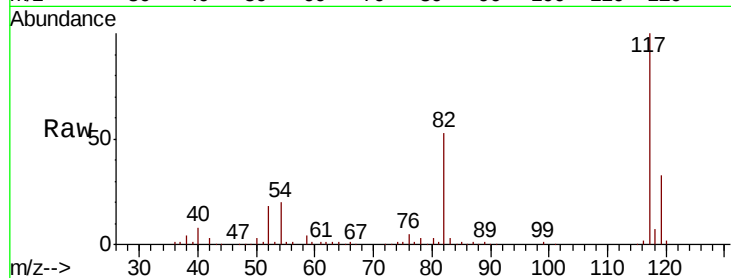




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD060536.D
Acq: 11 Dec 2018 15:31

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

Tot Ion:117 Resp: 1145197
Ion Ratio Lower Upper
117 100
82 52.9 45.2 67.8
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VD060536.D
Acq: 11 Dec 2018 15:31

Tgt Ion:152 Resp: 383103
Ion Ratio Lower Upper
152 100
115 47.3 24.6 74.0
150 147.3 0.0 309.0

