

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121118\
 Data File : VD060530.D
 Acq On : 11 Dec 2018 12:42
 Operator : VA/AP
 Sample : J6195-05
 Misc : 4.93g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-121018-A

Quant Time: Dec 12 03:32:10 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

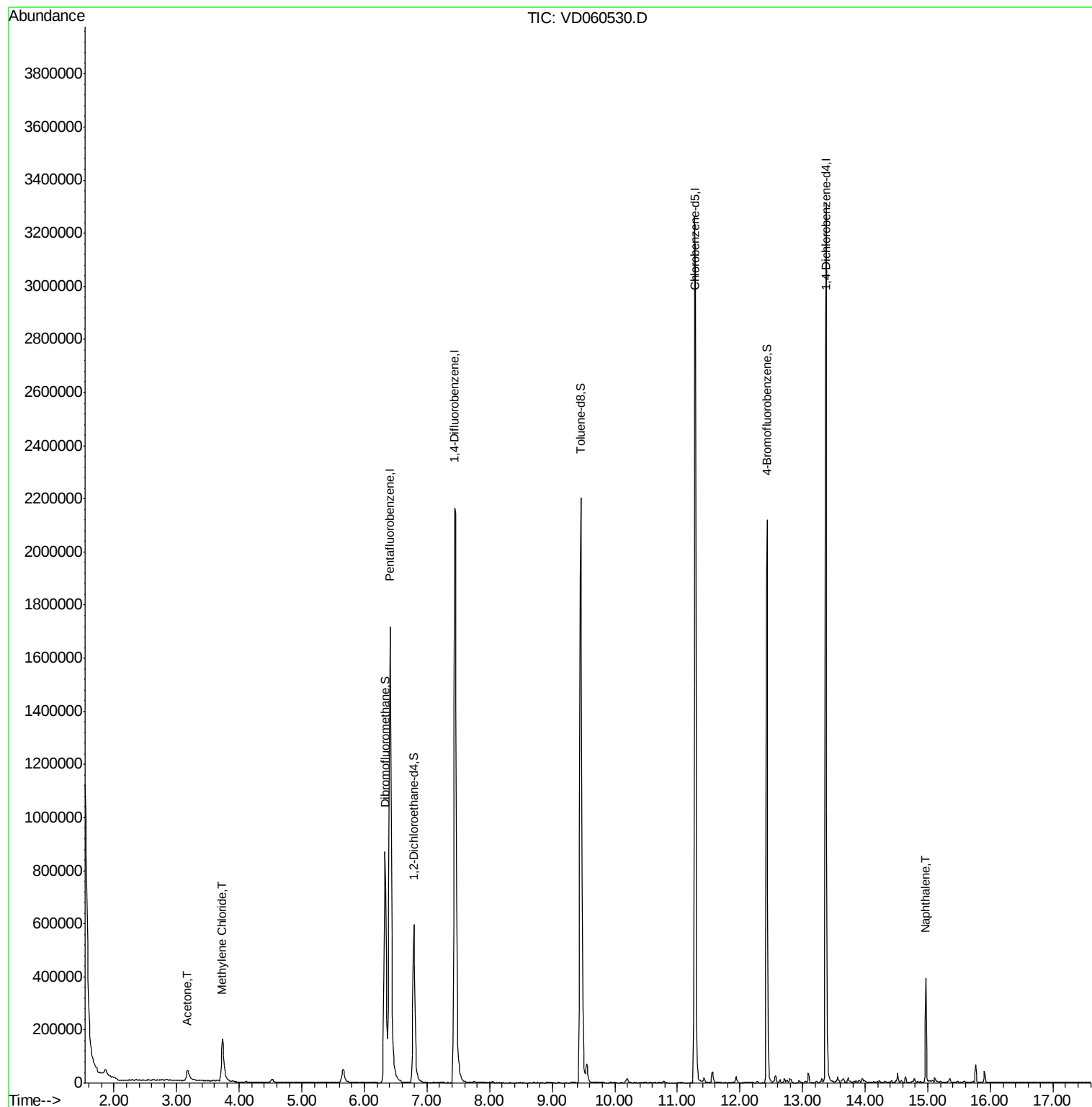
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1706898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2421402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1883022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	801634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	494540	40.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.76%	
35) Dibromofluoromethane	6.33	113	698016	39.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.50%	
50) Toluene-d8	9.46	98	1830386	35.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.12%	
62) 4-Bromofluorobenzene	12.43	95	641924	34.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.72%	
Target Compounds						
16) Acetone	3.17	43	97109	50.075	ug/l	96
20) Methylene Chloride	3.73	84	101378	1.341	ug/l	94
95) Naphthalene	14.97	128	224395	10.936	ug/l	99

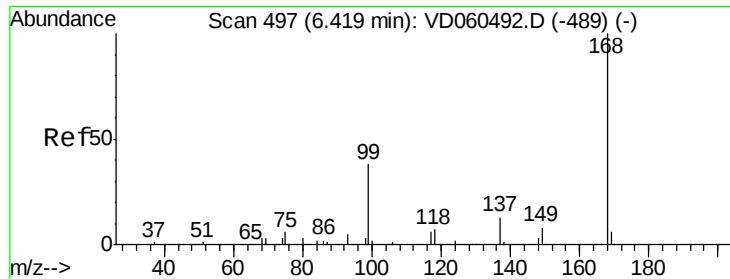
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.42 min Scan# 497

Delta R.T. -0.00 min

Lab File: VD060530.D

Acq: 11 Dec 2018 12:42

Instrument :

MSVOA_D

ClientSampleId :

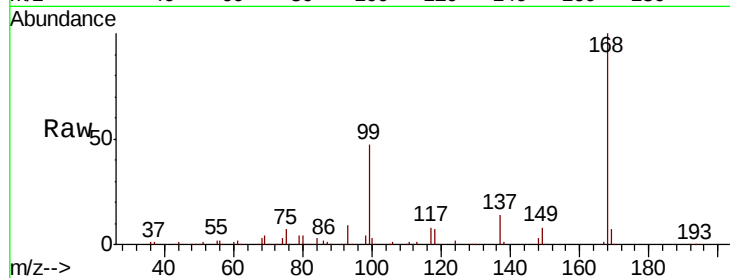
OR-02-121018-A

Tot Ion:168 Resp: 1706898

Ion Ratio Lower Upper

168 100

99 46.6 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

600000

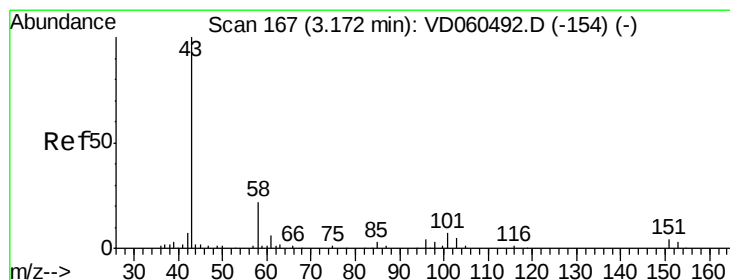
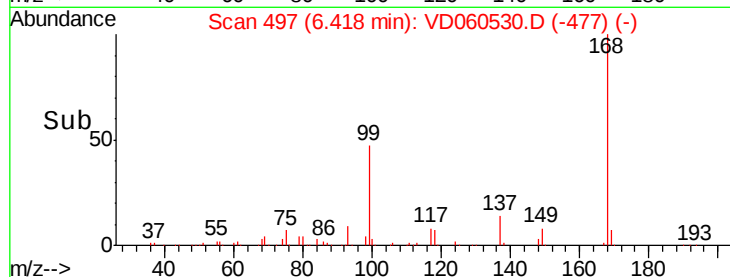
400000

200000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 50.075 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060530.D

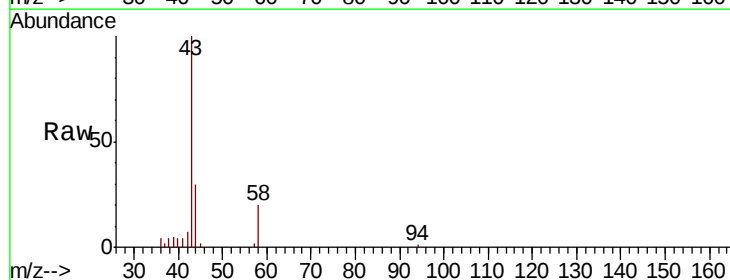
Acq: 11 Dec 2018 12:42

Tgt Ion: 43 Resp: 97109

Ion Ratio Lower Upper

43 100

58 19.8 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

30000

25000

20000

15000

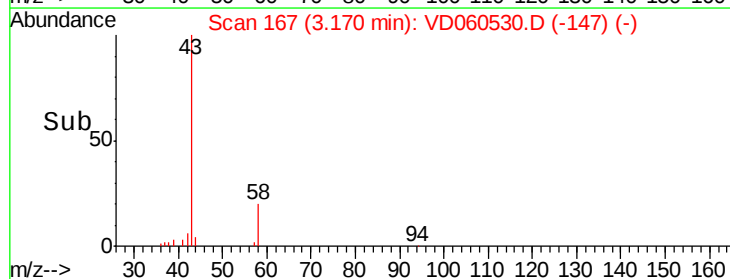
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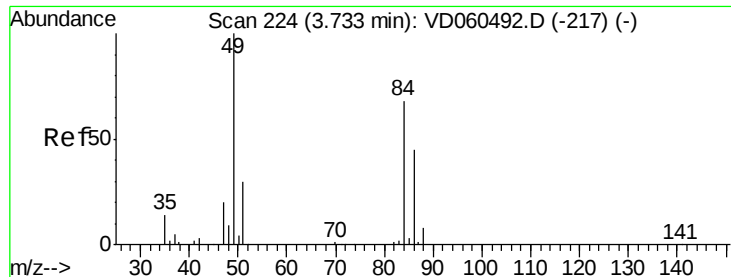
5000

0

3.00 3.10 3.20 3.30 3.40

Time-->

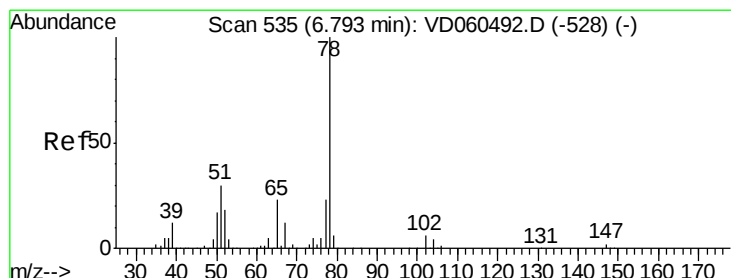
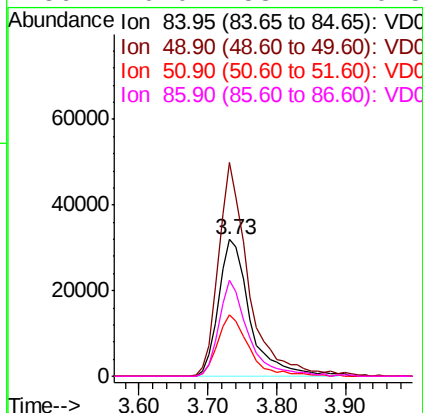
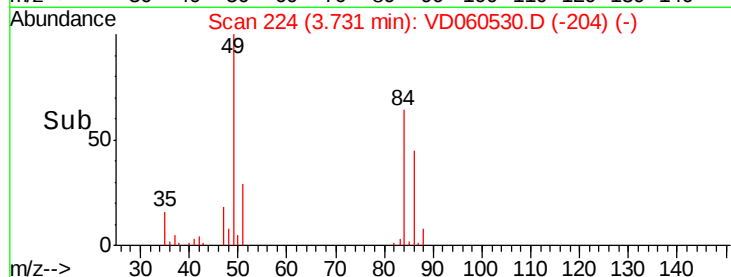
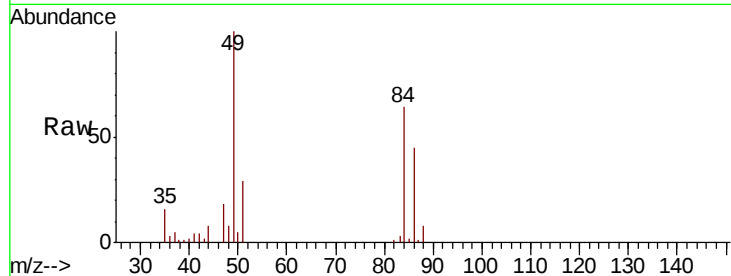




#20
Methvlene Chloride
Concen: 1.341 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060530.D
Acq: 11 Dec 2018 12:42

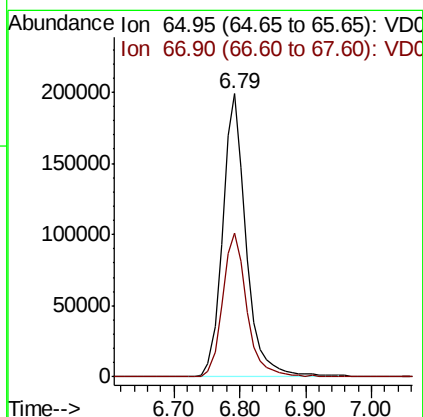
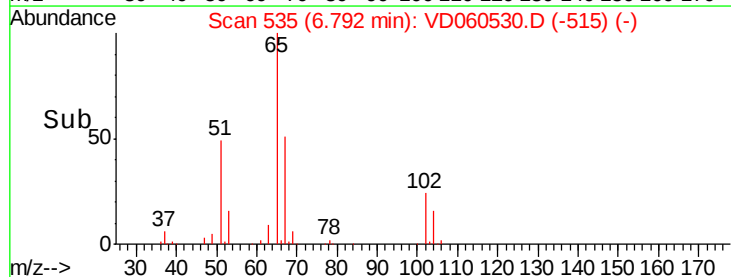
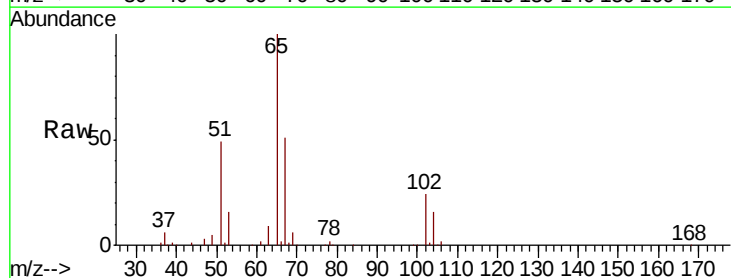
Instrument :
MSVOA_D
ClientSampleId :
OR-02-121018-A

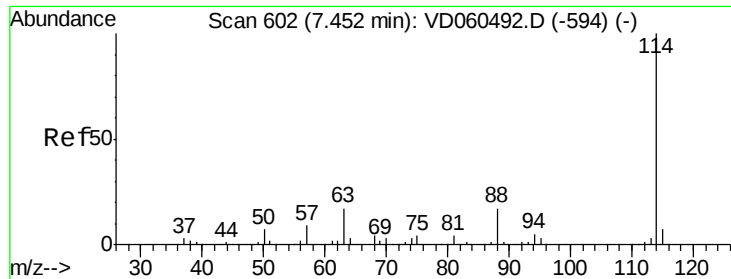
Tot Ion: 84 Resp: 101378
Ion Ratio Lower Upper
84 100
49 156.6 117.2 175.8
51 45.1 35.3 52.9
86 70.0 53.2 79.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.00 min
Lab File: VD060530.D
Acq: 11 Dec 2018 12:42

Tgt Ion: 65 Resp: 494540
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.8

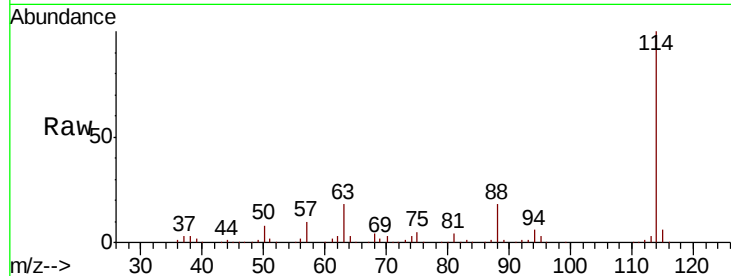




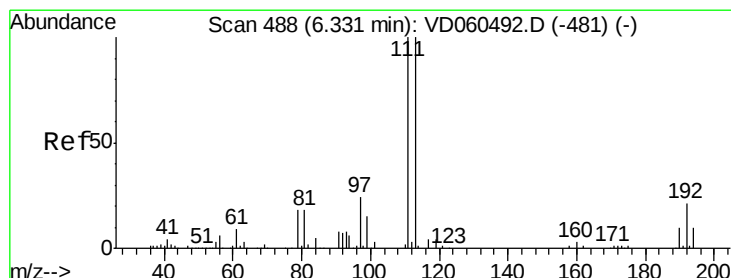
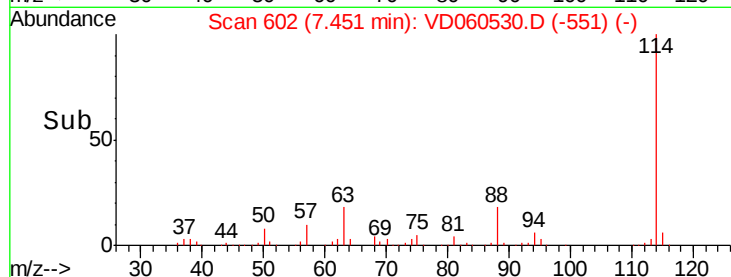
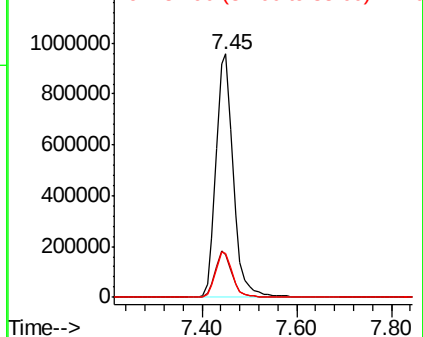
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.00 min
Lab File: VD060530.D
Acq: 11 Dec 2018 12:42

Instrument :
MSVOA_D
ClientSampleId :
OR-02-121018-A

Tot Ion:114 Resp: 2421402
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.2
88 18.1 0.0 35.0

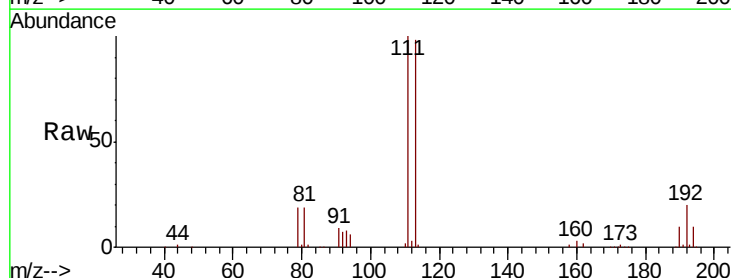


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

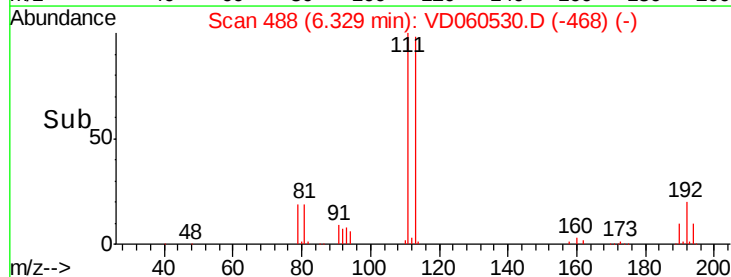
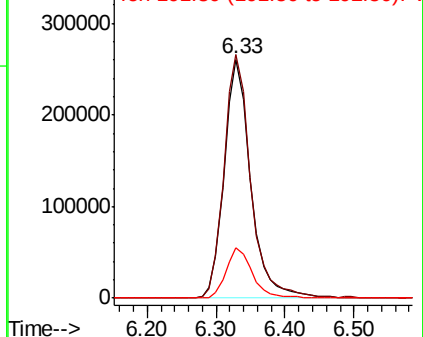


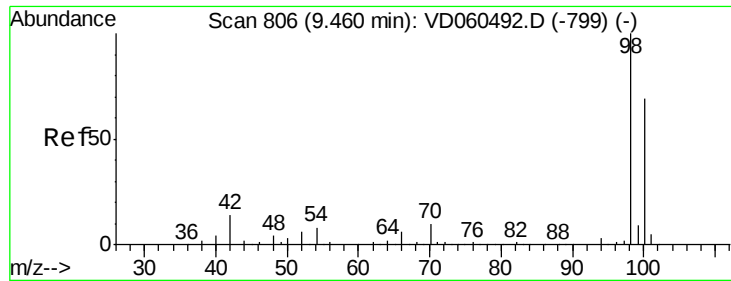
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.00 min
Lab File: VD060530.D
Acq: 11 Dec 2018 12:42

Tgt Ion:113 Resp: 698016
Ion Ratio Lower Upper
113 100
111 102.0 80.2 120.4
192 20.9 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

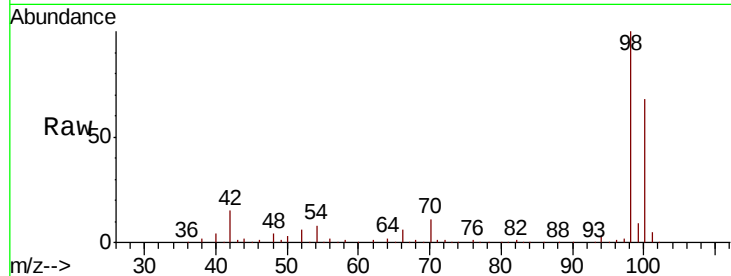




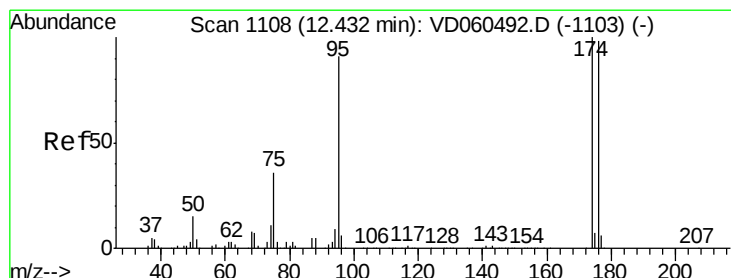
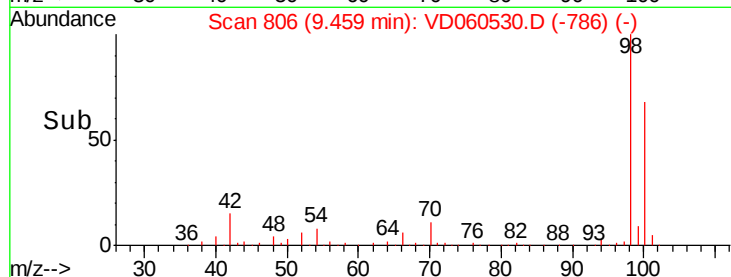
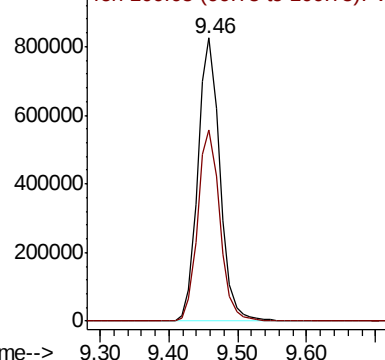
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.00 min
Lab File: VD060530.D
Acq: 11 Dec 2018 12:42

Instrument :
MSVOA_D
ClientSampleId :
OR-02-121018-A

Tot Ion: 98 Resp: 1830386
Ion Ratio Lower Upper
98 100
100 67.7 55.7 83.5

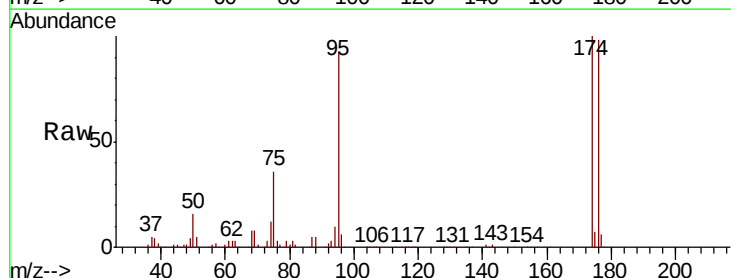


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

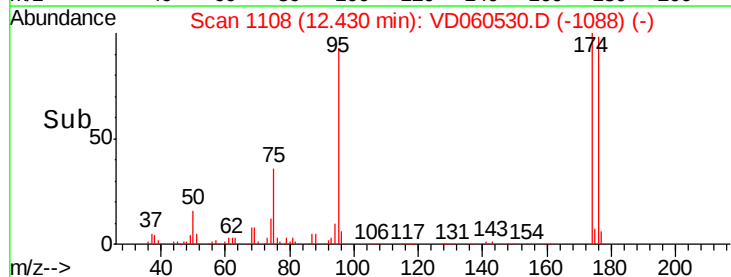
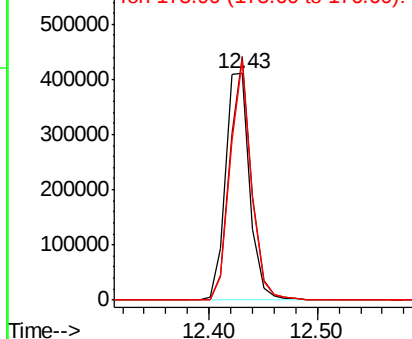


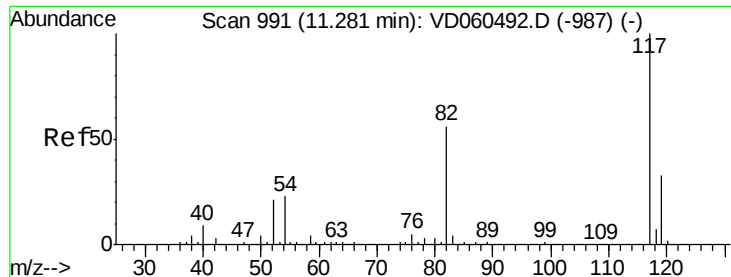
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VD060530.D
Acq: 11 Dec 2018 12:42

Tgt Ion: 95 Resp: 641924
Ion Ratio Lower Upper
95 100
174 107.3 0.0 219.4
176 105.7 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

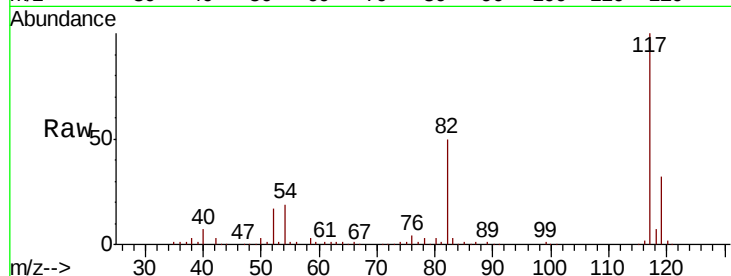




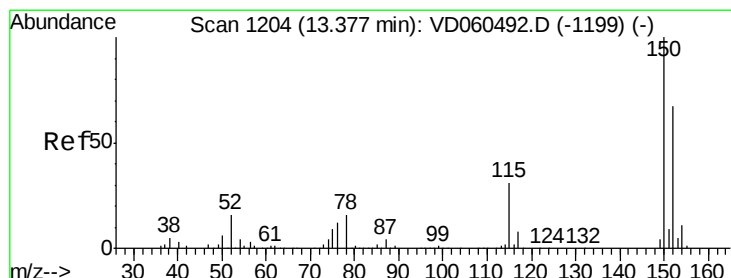
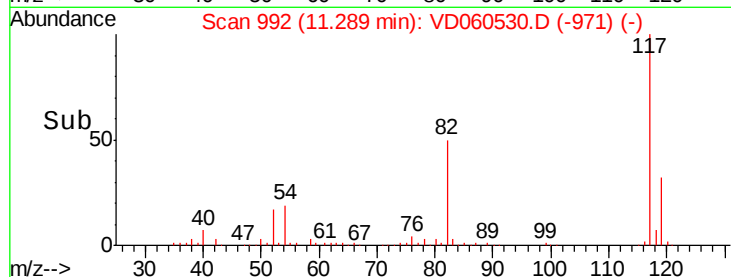
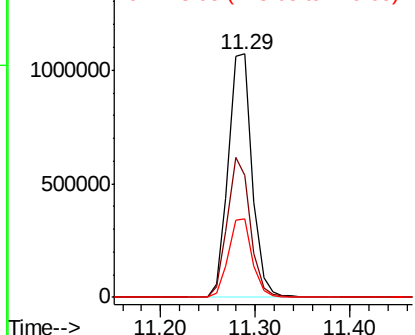
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD060530.D
Acq: 11 Dec 2018 12:42

Instrument :
MSVOA_D
ClientSampleId :
OR-02-121018-A

Tot Ion:117 Resp: 1883022
Ion Ratio Lower Upper
117 100
82 50.2 45.2 67.8
119 32.3 26.1 39.1

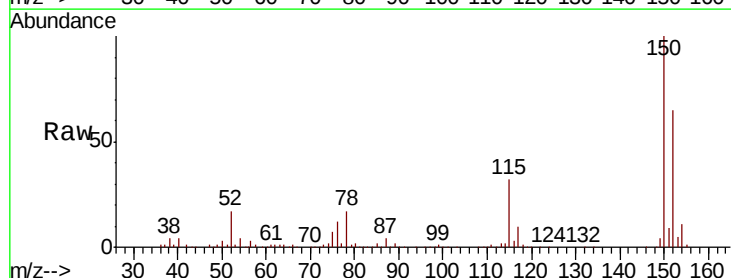


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

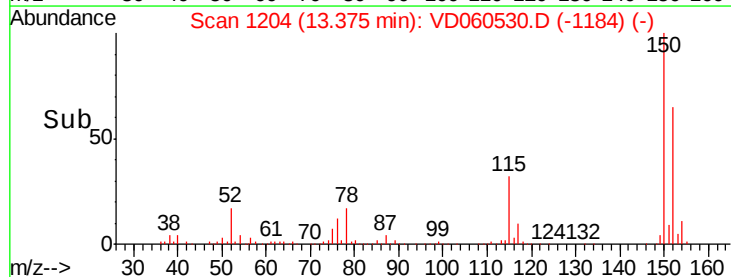
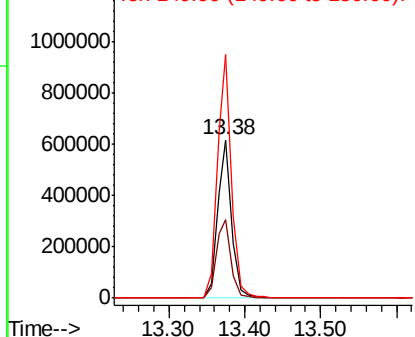


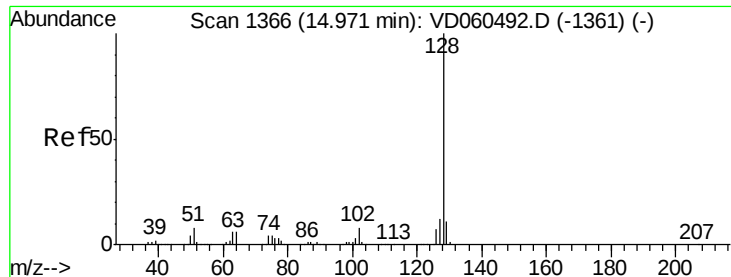
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VD060530.D
Acq: 11 Dec 2018 12:42

Tgt Ion:152 Resp: 801634
Ion Ratio Lower Upper
152 100
115 49.3 24.6 74.0
150 153.7 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

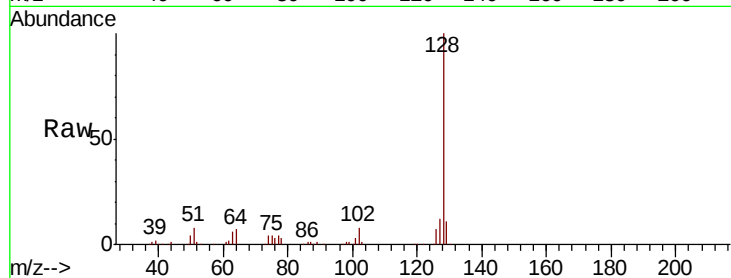




#95
 Naphthalene
 Concen: 10.936 ug/l
 RT: 14.97 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: VD060530.D
 Acq: 11 Dec 2018 12:42

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-121018-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	9.8	14.8
129	11.0	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

