

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120418\
 Data File : VD060484.D
 Acq On : 4 Dec 2018 13:43
 Operator : VA/AP
 Sample : J6184-01
 Misc : 5.33g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-331

Quant Time: Dec 05 02:43:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

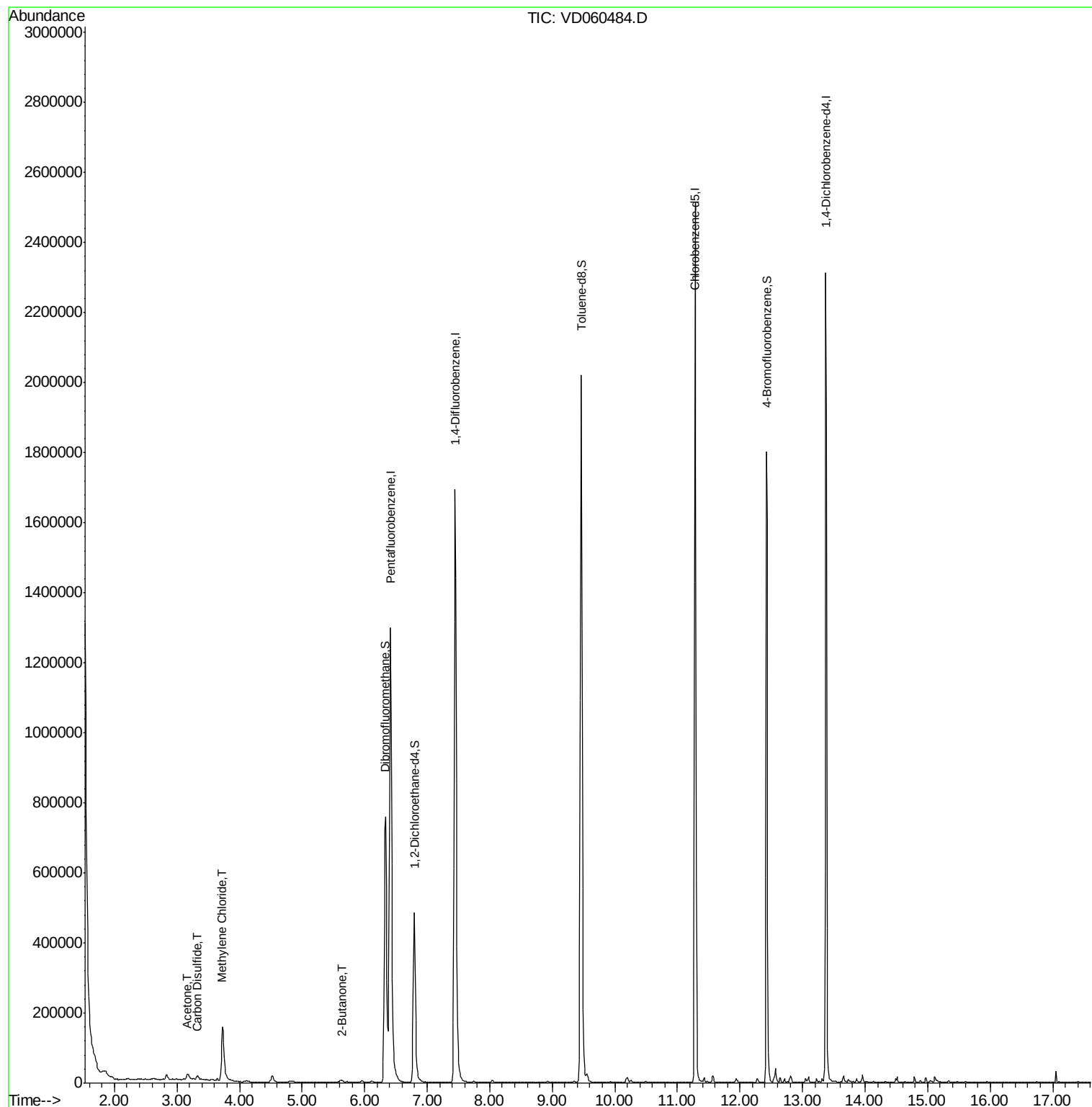
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1277892	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1828656	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1348971	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	561187	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	424386	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
35) Dibromofluoromethane	6.33	113	613422	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
50) Toluene-d8	9.46	98	1678962	42.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.14%	
62) 4-Bromofluorobenzene	12.43	95	548227	37.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.82%	
Target Compounds						
16) Acetone	3.17	43	39992	25.197	ug/l	95
17) Carbon Disulfide	3.33	76	21523	1.069	ug/l	96
20) Methylene Chloride	3.73	84	105453	7.490	ug/l	96
25) 2-Butanone	5.64	43	11593	3.514	ug/l	95

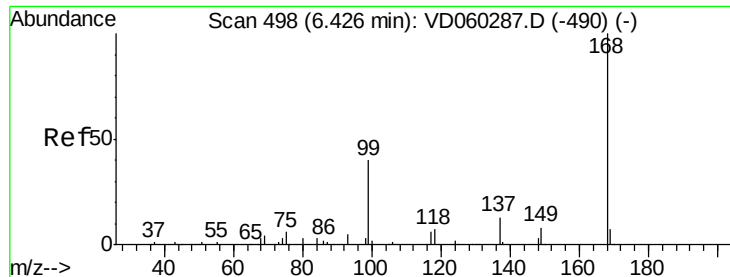
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120418\
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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 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: VD060484.D

Acq: 4 Dec 2018 13:43

Instrument :

MSVOA_D

ClientSampled :

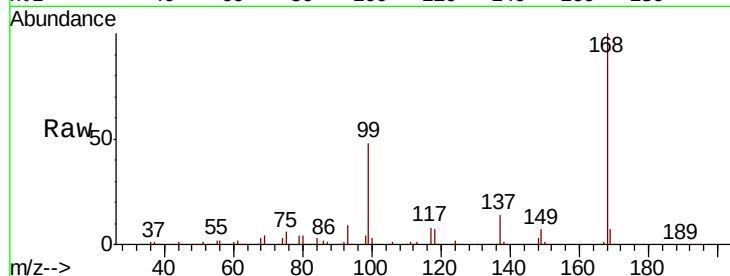
RO-331

Tot Ion:168 Resp: 1277892

Ion Ratio Lower Upper

168 100

99 48.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

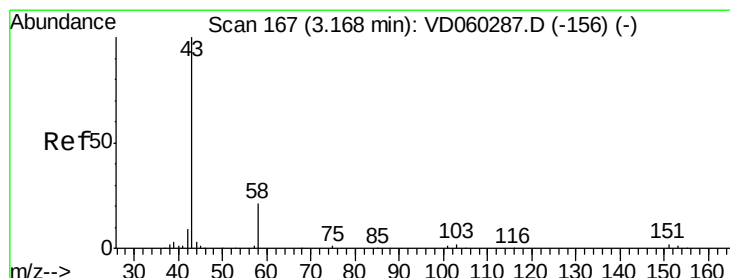
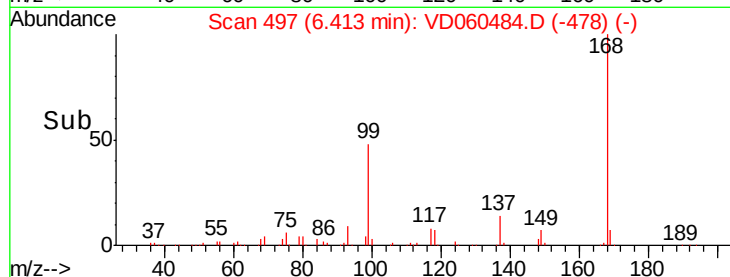
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 25.197 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060484.D

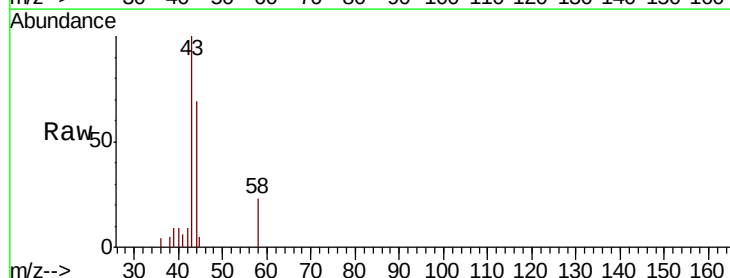
Acq: 4 Dec 2018 13:43

Tgt Ion: 43 Resp: 39992

Ion Ratio Lower Upper

43 100

58 23.4 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

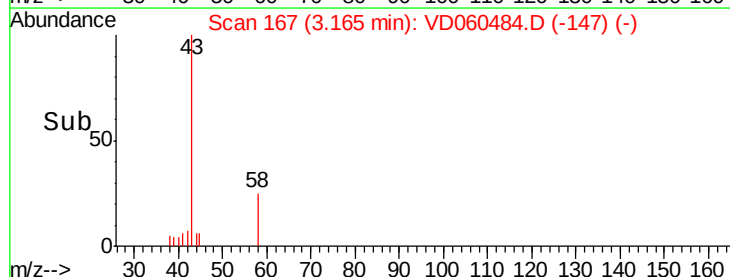
3.17

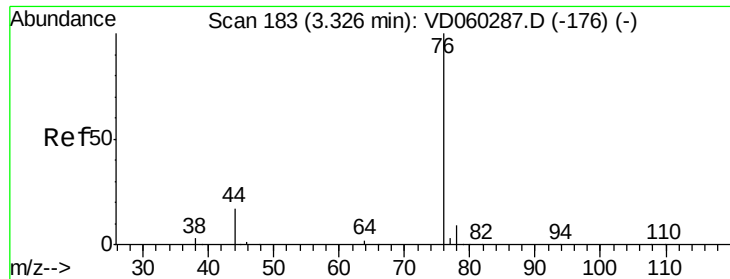
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 1.069 ug/l

RT: 3.33 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD060484.D

Acq: 4 Dec 2018 13:43

Instrument :

MSVOA_D

ClientSampleId :

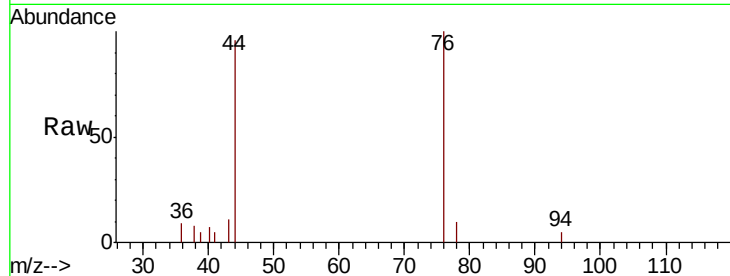
RO-331

Tot Ion: 76 Resp: 21523

Ion Ratio Lower Upper

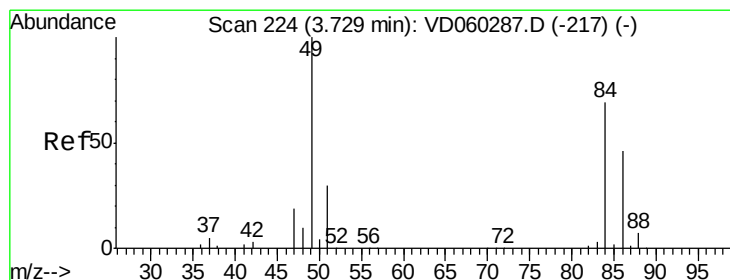
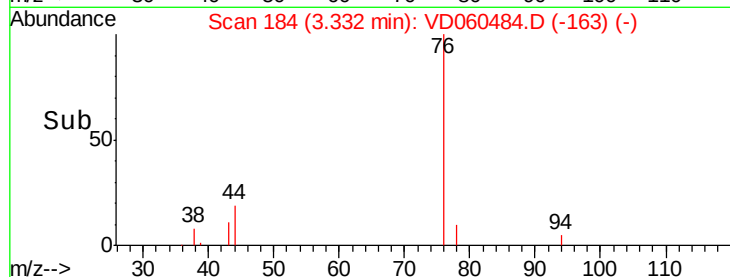
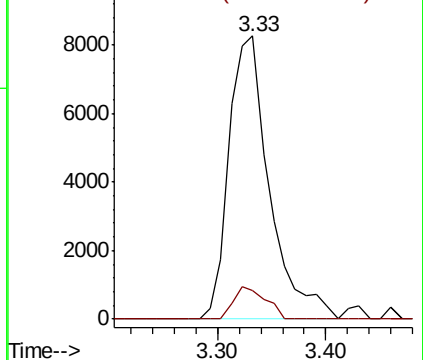
76 100

78 10.2 7.0 10.4



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 7.490 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD060484.D

Acq: 4 Dec 2018 13:43

Tgt Ion: 84 Resp: 105453

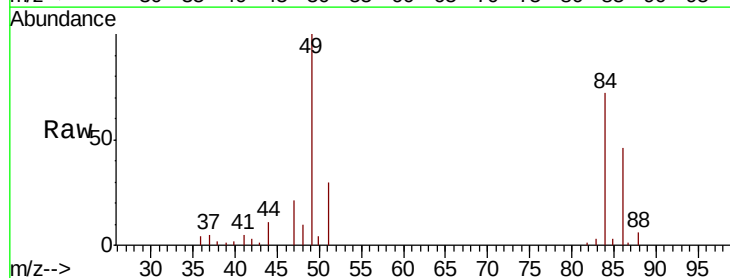
Ion Ratio Lower Upper

84 100

49 139.2 115.6 173.4

51 41.1 35.6 53.4

86 63.8 52.3 78.5

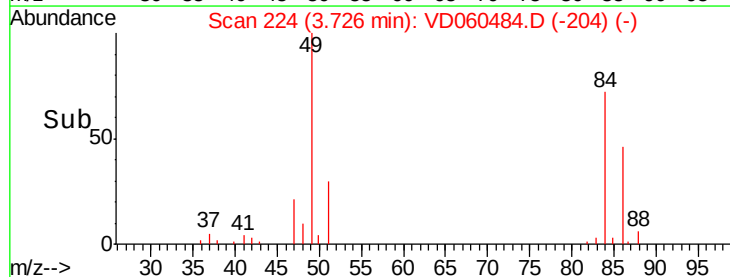
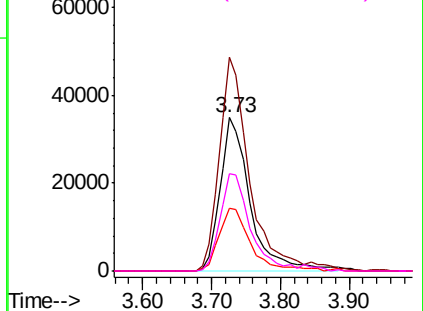


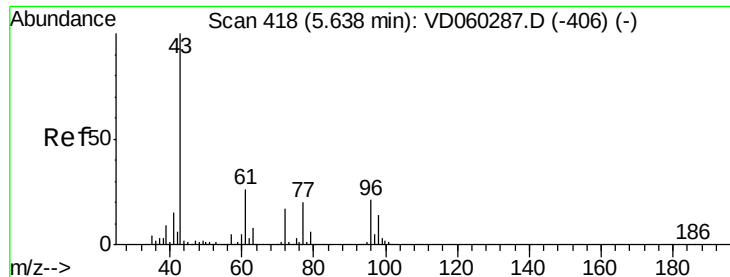
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 3.514 ug/l

RT: 5.64 min Scan# 418

Delta R.T. -0.00 min

Lab File: VD060484.D

Acq: 4 Dec 2018 13:43

Instrument :

MSVOA_D

ClientSampleId :

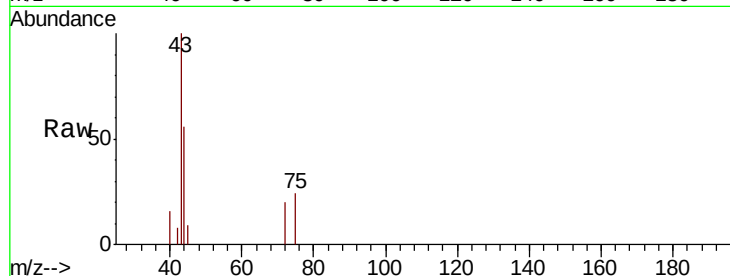
RO-331

Tot Ion: 43 Resp: 11593

Ion Ratio Lower Upper

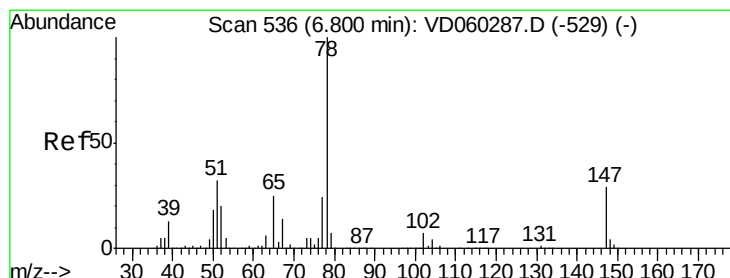
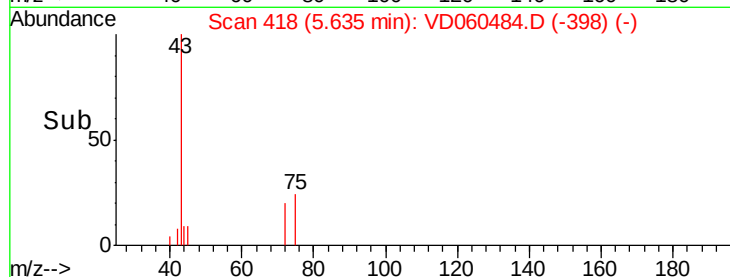
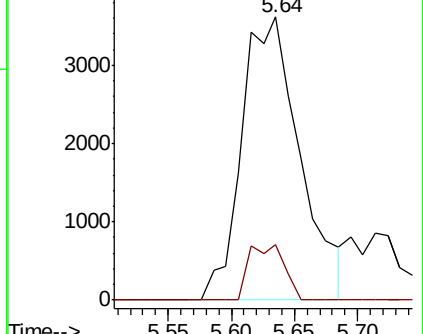
43 100

72 19.6 13.8 20.8



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: Below ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD060484.D

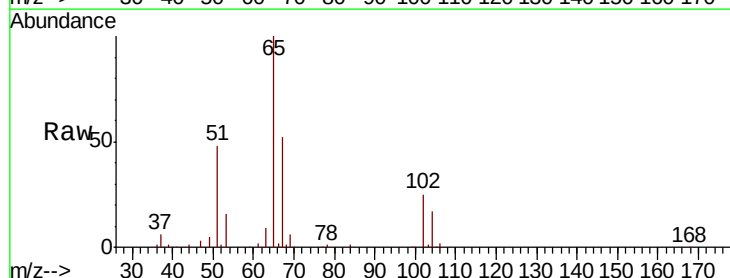
Acq: 4 Dec 2018 13:43

Tgt Ion: 65 Resp: 424386

Ion Ratio Lower Upper

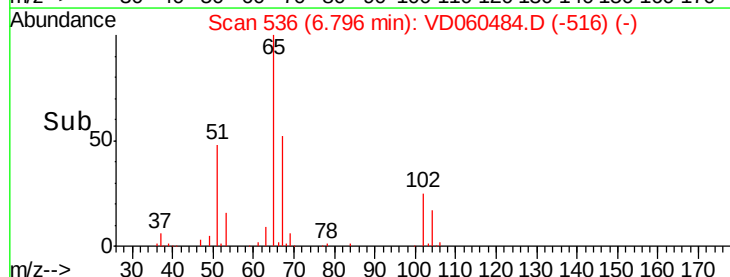
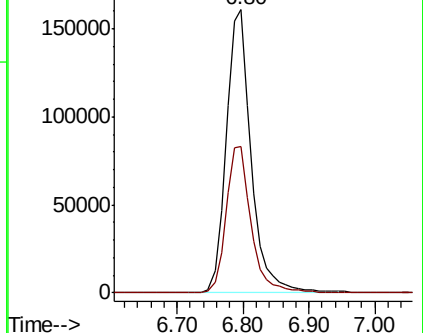
65 100

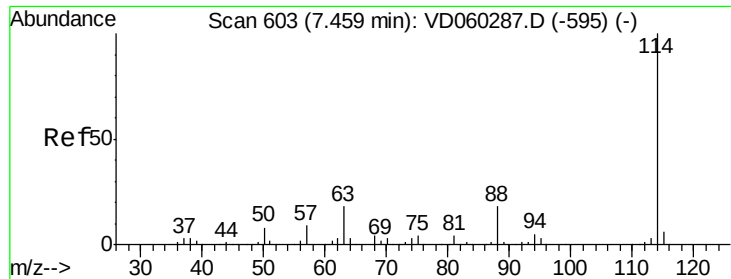
67 51.5 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

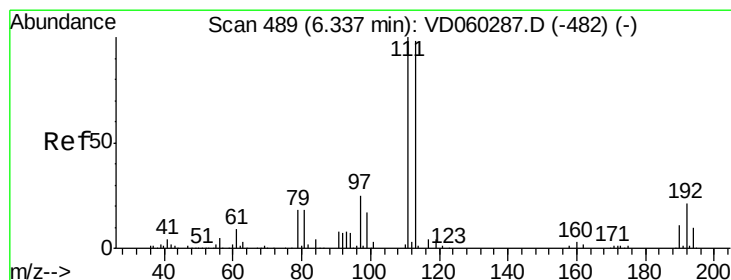
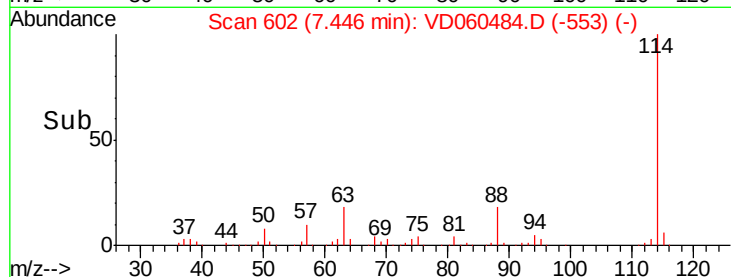
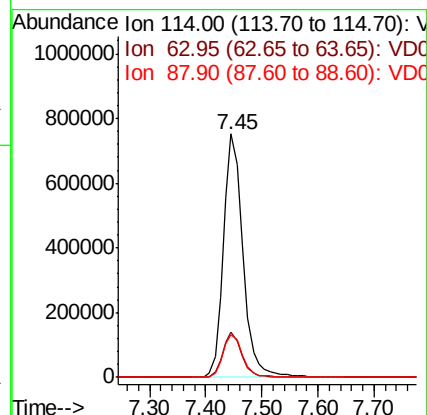
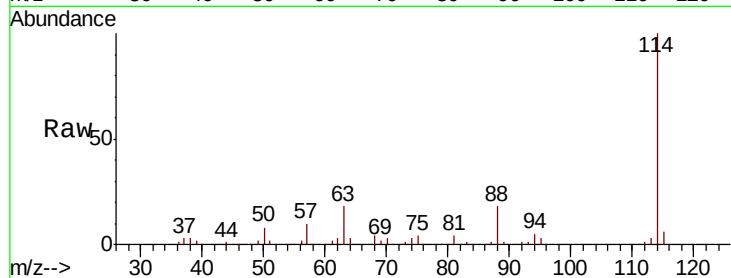




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060484.D
 Acq: 4 Dec 2018 13:43

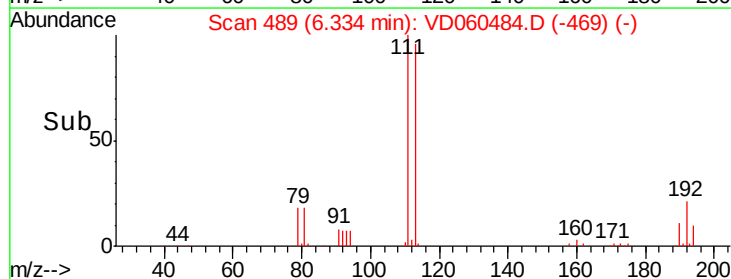
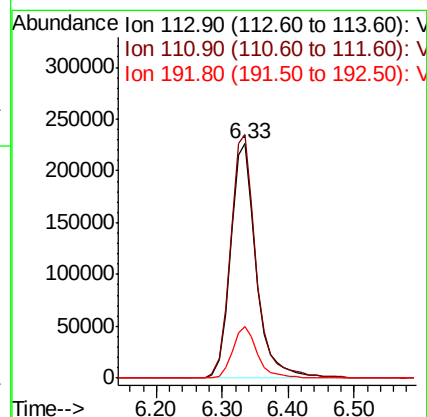
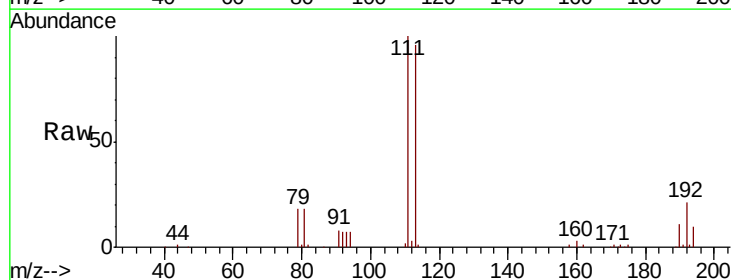
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 RO-331

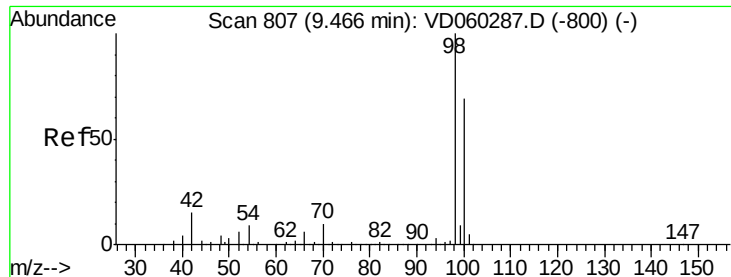
Tot Ion:114 Resp: 1828656
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 17.7 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VD060484.D
 Acq: 4 Dec 2018 13:43

Tgt Ion:113 Resp: 613422
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.6 122.4
 192 22.3 16.5 24.7

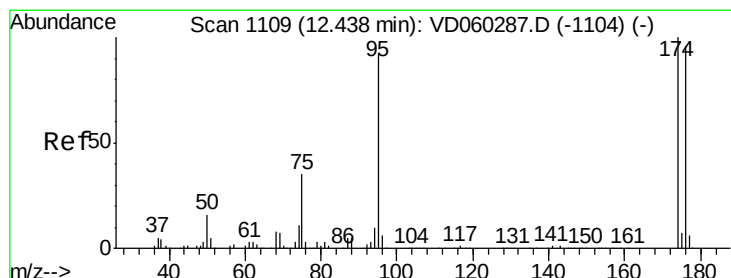
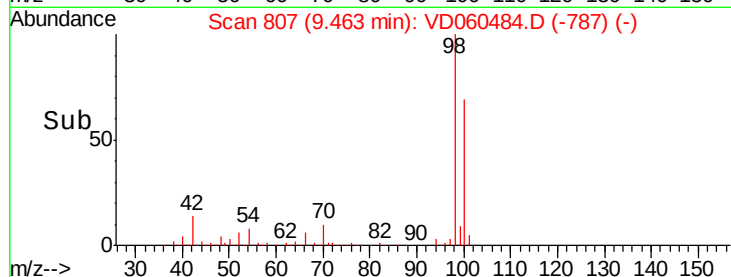
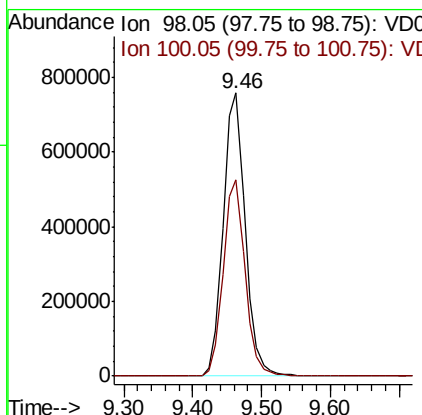
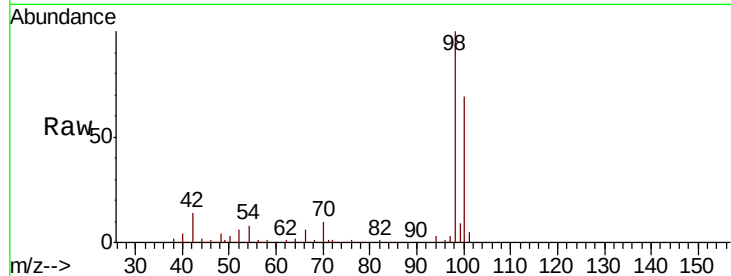




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060484.D
Acq: 4 Dec 2018 13:43

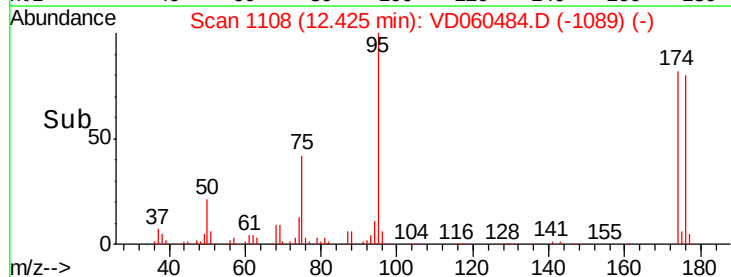
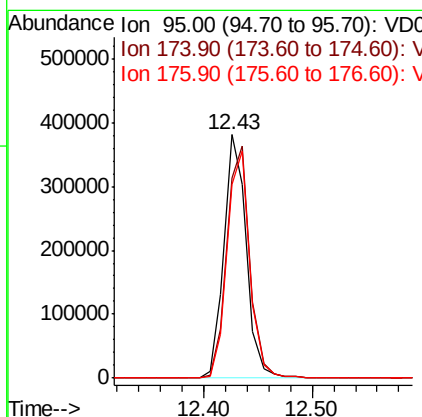
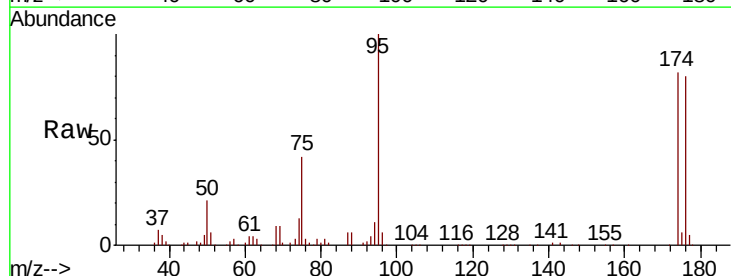
Instrument :
MSVOA_D
ClientSampleId :
RO-331

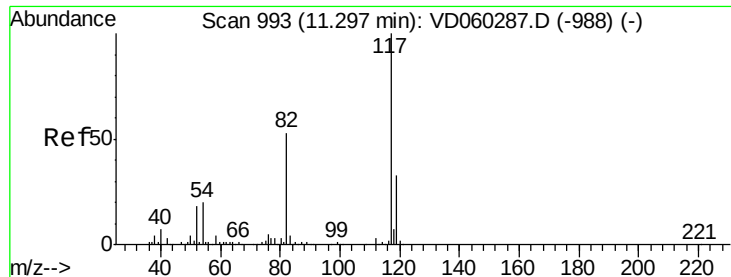
Tot Ion: 98 Resp: 1678962
Ion Ratio Lower Upper
98 100
100 69.3 55.2 82.8



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060484.D
Acq: 4 Dec 2018 13:43

Tgt Ion: 95 Resp: 548227
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.8
176 79.6 0.0 154.6

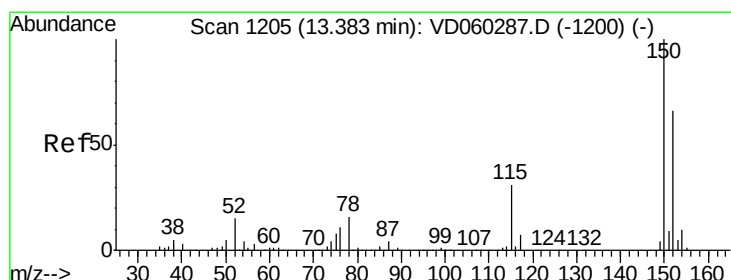
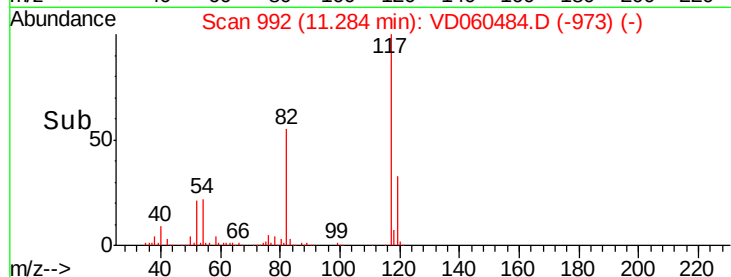
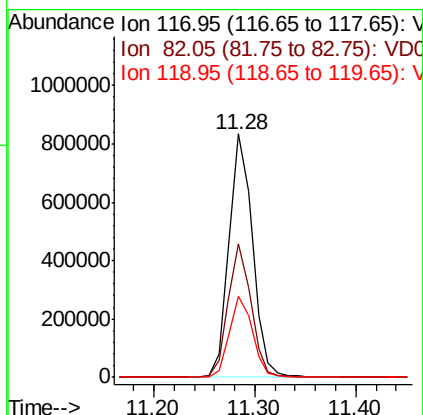
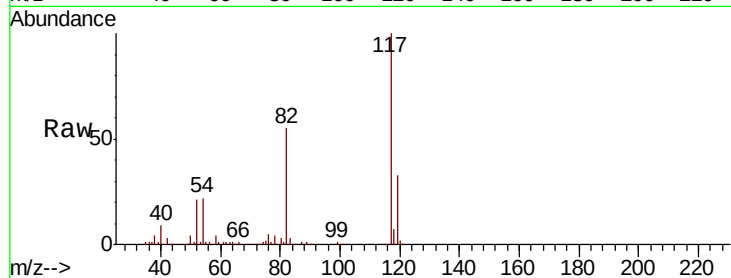




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060484.D
Acq: 4 Dec 2018 13:43

Instrument :
MSVOA_D
ClientSampled :
RO-331

Tot Ion:117 Resp: 1348971
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 33.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060484.D
Acq: 4 Dec 2018 13:43

Tgt Ion:152 Resp: 561187
Ion Ratio Lower Upper
152 100
115 55.2 24.1 72.3
150 154.9 0.0 310.6

