

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
 Data File : VD060549.D
 Acq On : 12 Dec 2018 16:13
 Operator : VA/AP
 Sample : J6344-04
 Misc : 5.07/0.5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200031

Quant Time: Dec 13 00:53:41 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

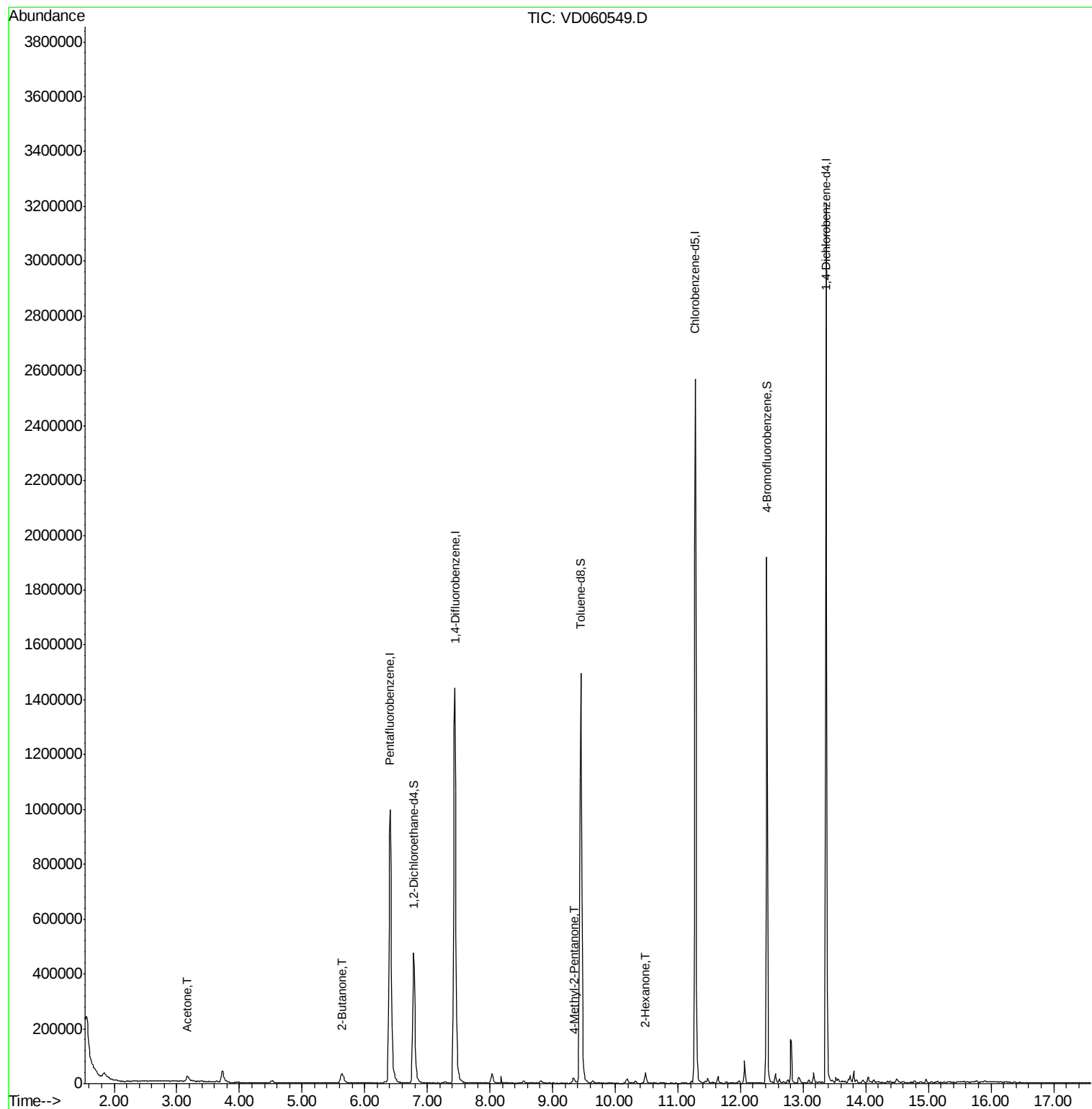
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1003833	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	1548257	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1372682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	703610	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	413994	58.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	116.36%	
35) Dibromofluoromethane	6.33	113	6430	0.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.14%	
50) Toluene-d8	9.45	98	1226038	37.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	74.52%	
62) 4-Bromofluorobenzene	12.42	95	527086	44.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
16) Acetone	3.17	43	48226	42.285	ug/l	98
25) 2-Butanone	5.62	43	44356	19.768	ug/l	97
51) 4-Methyl-2-Pentanone	9.34	43	20472	4.062	ug/l	89
59) 2-Hexanone	10.48	43	36879	10.469	ug/l	91

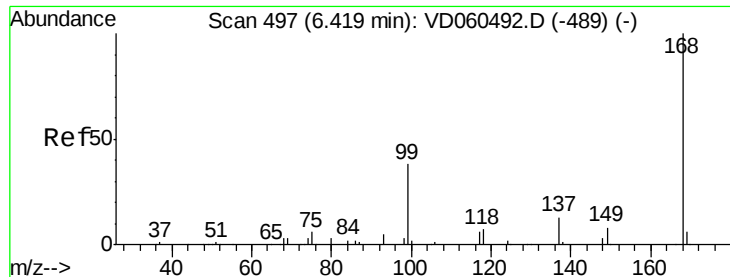
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 496

Delta R.T. -0.01 min

Lab File: VD060549.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

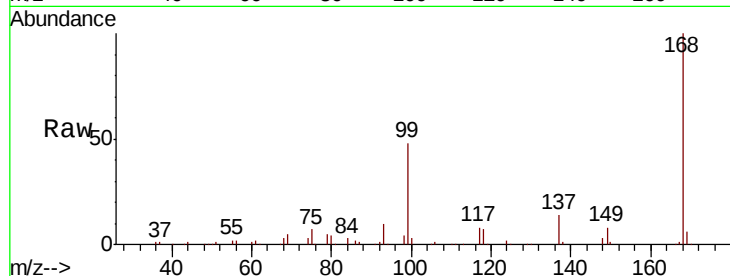
RBR-200031

Tot Ion:168 Resp: 1003833

Ion Ratio Lower Upper

168 100

99 48.1 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

400000

300000

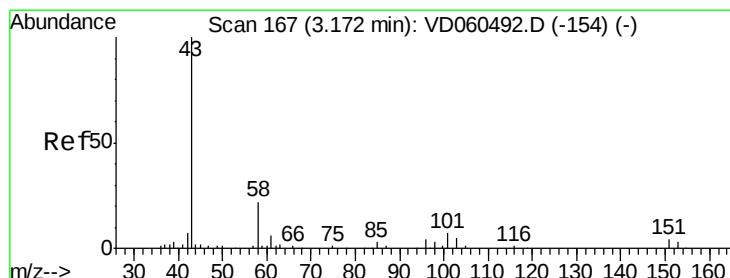
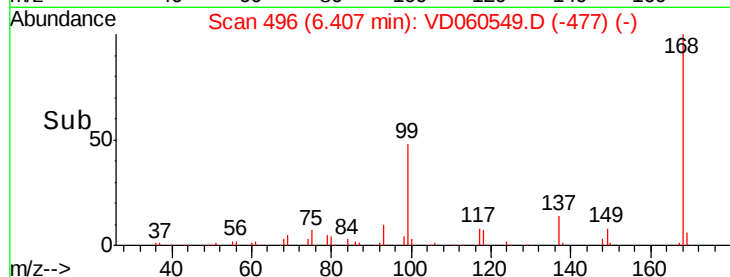
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 42.285 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060549.D

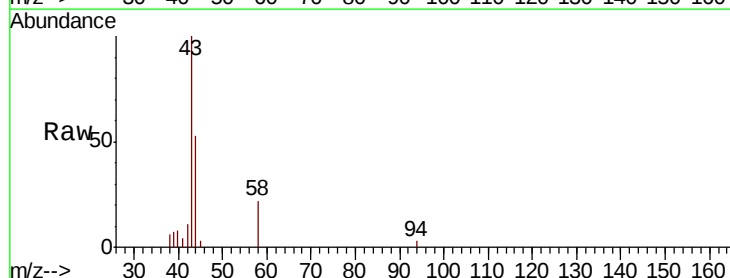
Acq: 12 Dec 2018 16:13

Tgt Ion: 43 Resp: 48226

Ion Ratio Lower Upper

43 100

58 22.5 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

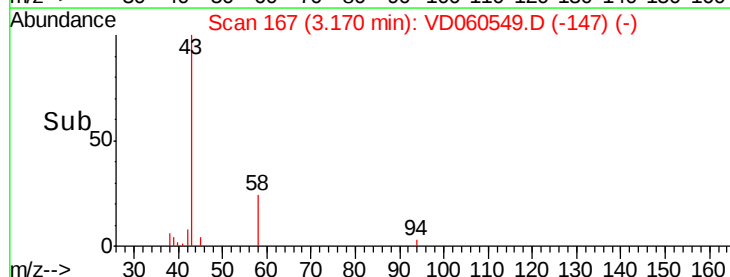
10000

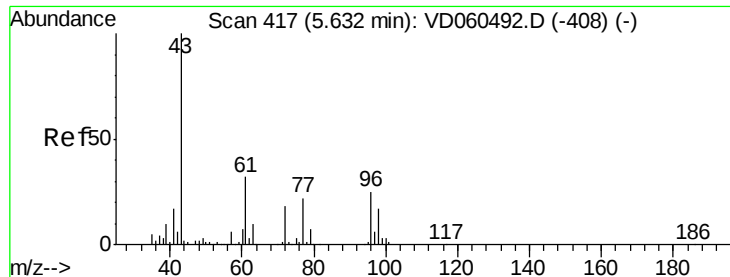
5000

0

3.00 3.10 3.20 3.30 3.40

Time-->





#25

2-Butanone

Concen: 19.768 ug/l

RT: 5.62 min Scan# 416

Delta R.T. -0.01 min

Lab File: VD060549.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

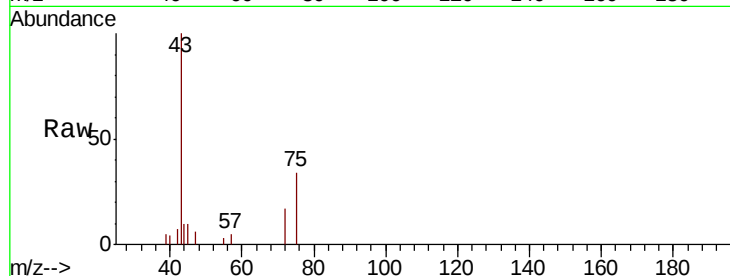
RBR-200031

Tot Ion: 43 Resp: 44356

Ion Ratio Lower Upper

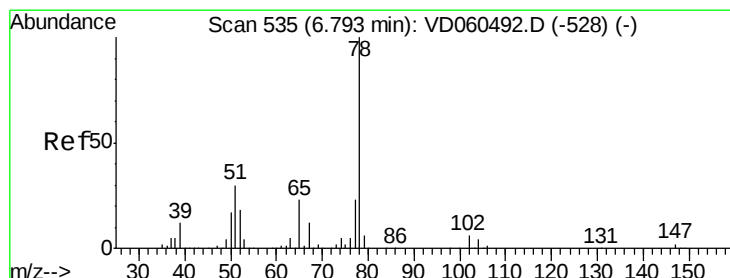
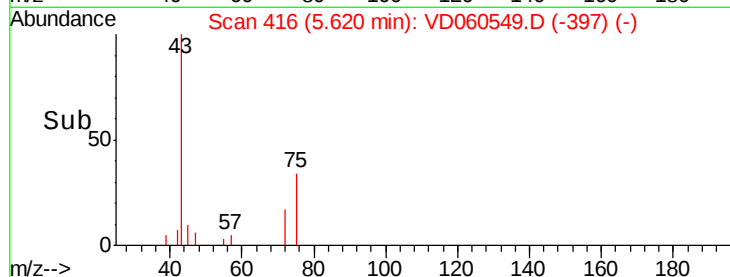
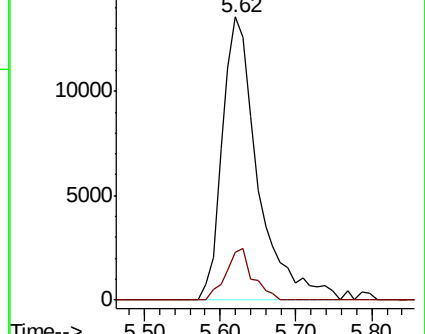
43 100

72 17.1 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: 6.78 min Scan# 534

Delta R.T. -0.01 min

Lab File: VD060549.D

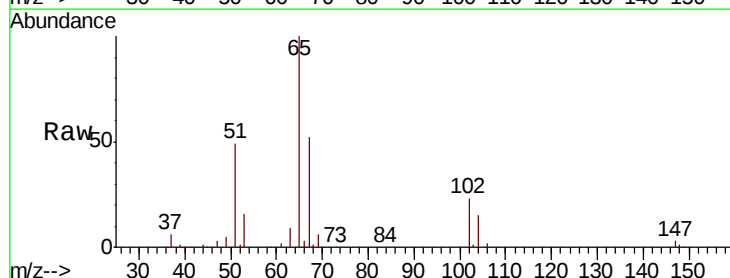
Acq: 12 Dec 2018 16:13

Tgt Ion: 65 Resp: 413994

Ion Ratio Lower Upper

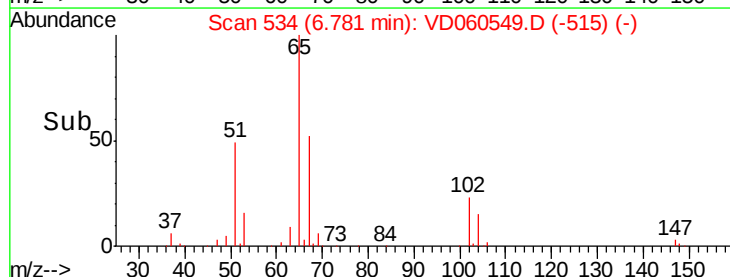
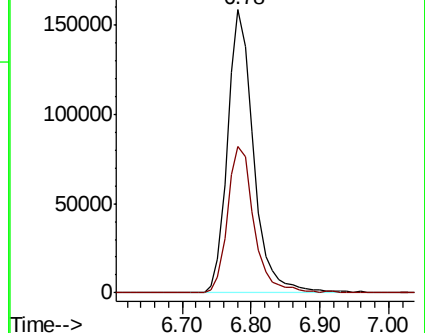
65 100

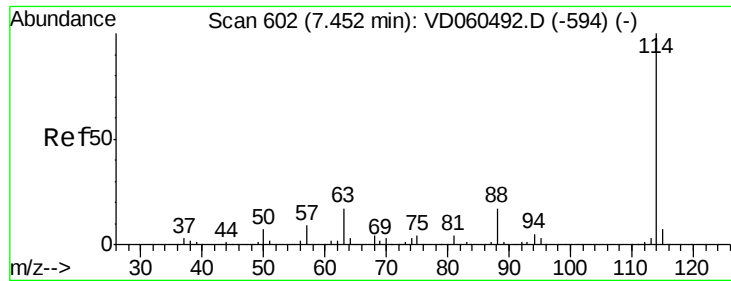
67 51.7 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

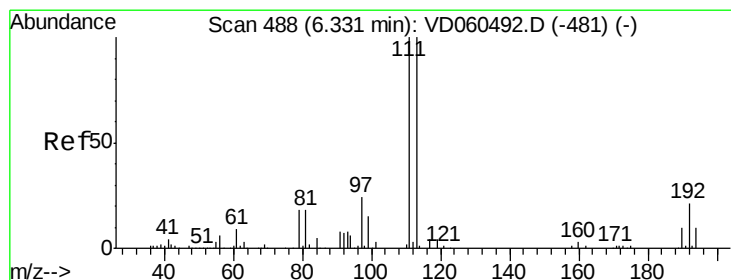
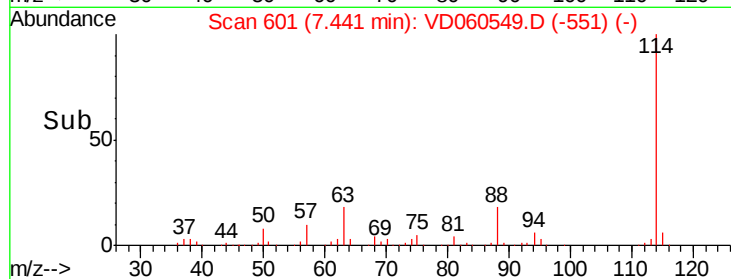
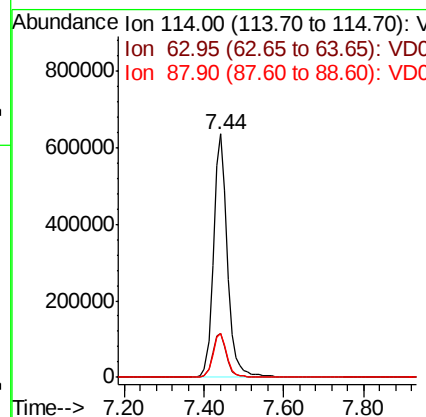
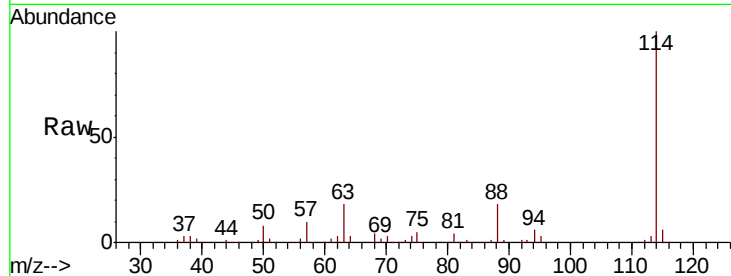




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VD060549.D
 Acq: 12 Dec 2018 16:13

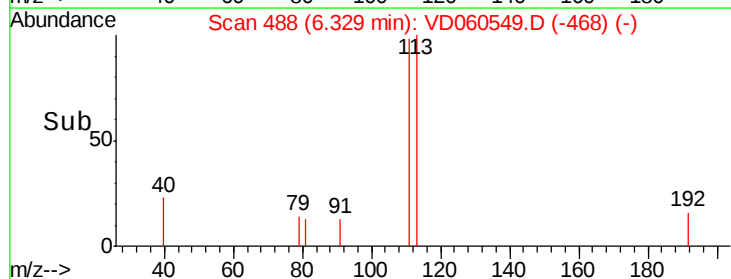
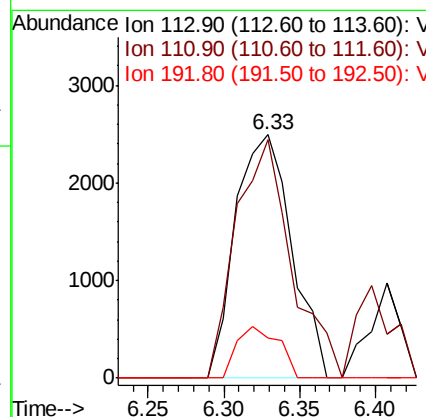
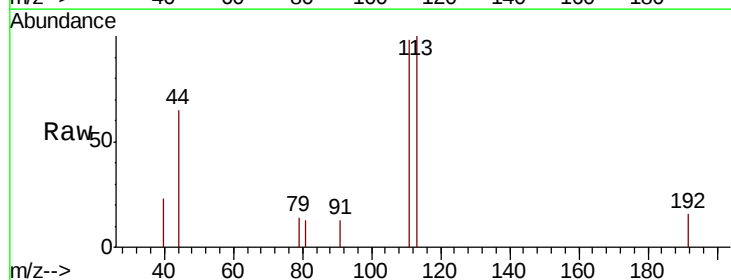
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200031

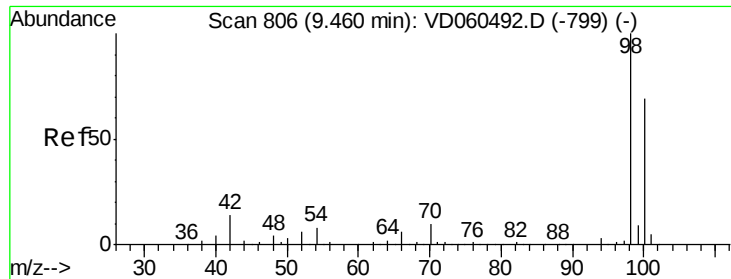
Tot Ion:114 Resp: 1548257
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.2
 88 18.2 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: VD060549.D
 Acq: 12 Dec 2018 16:13

Tgt Ion:113 Resp: 6430
 Ion Ratio Lower Upper
 113 100
 111 98.1 80.2 120.4
 192 16.4 16.6 24.8#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. -0.01 min

Lab File: VD060549.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

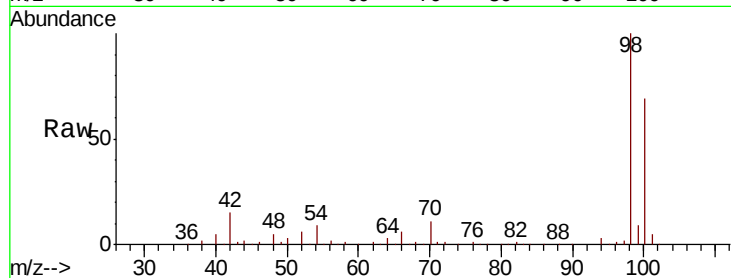
RBR-200031

Tot Ion: 98 Resp: 1226038

Ion Ratio Lower Upper

98 100

100 69.3 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

600000

500000

400000

300000

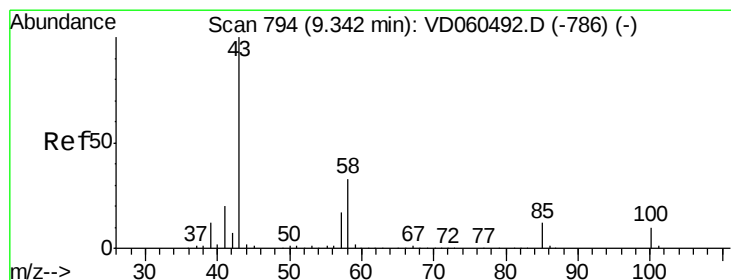
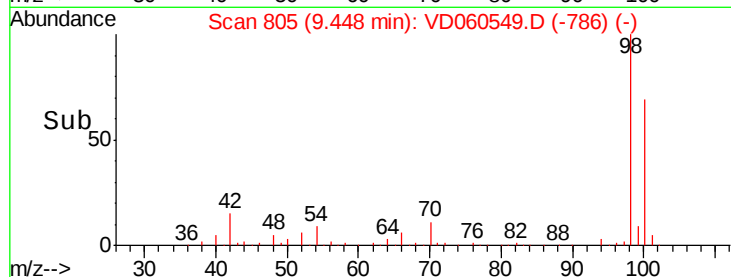
200000

100000

0

9.30 9.40 9.50 9.60

Time-->



#51

4-Methyl-2-Pentanone

Concen: 4.062 ug/l

RT: 9.34 min Scan# 794

Delta R.T. -0.00 min

Lab File: VD060549.D

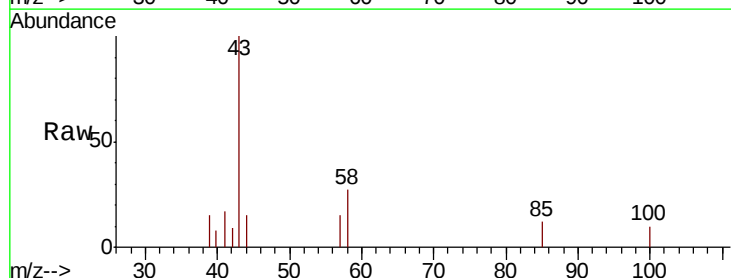
Acq: 12 Dec 2018 16:13

Tgt Ion: 43 Resp: 20472

Ion Ratio Lower Upper

43 100

58 26.7 26.3 39.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

6000

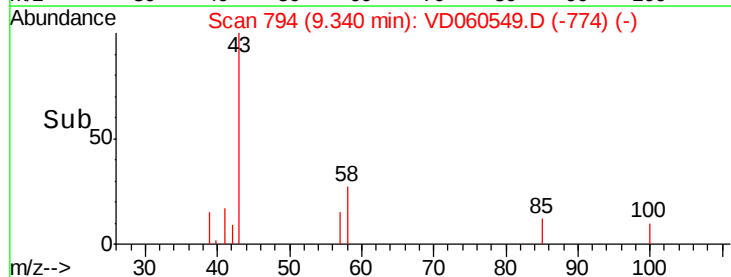
4000

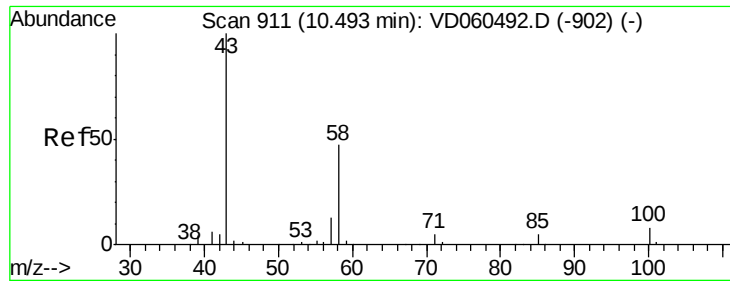
2000

0

9.25 9.30 9.35 9.40 9.45

Time-->

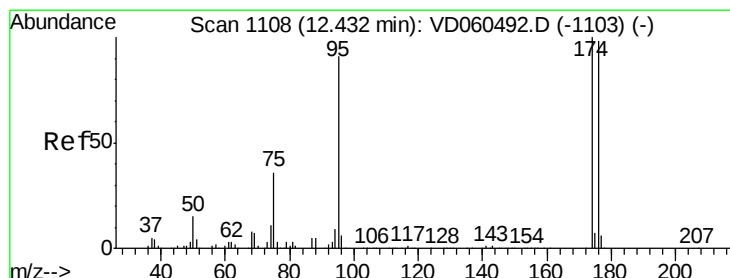
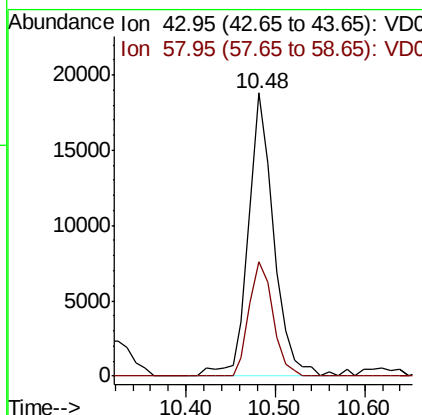
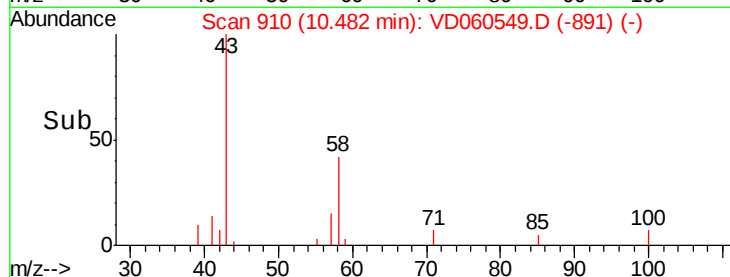
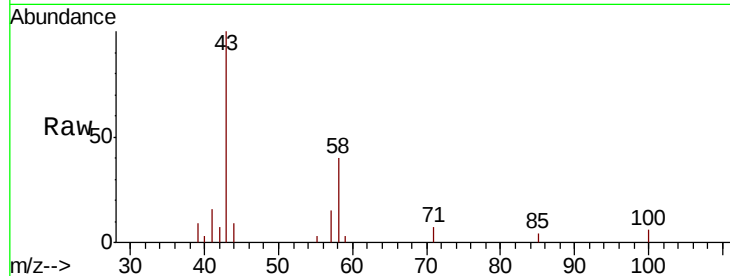




#59
2-Hexanone
Concen: 10.469 ug/l
RT: 10.48 min Scan# 910
Delta R.T. -0.01 min
Lab File: VD060549.D
Acq: 12 Dec 2018 16:13

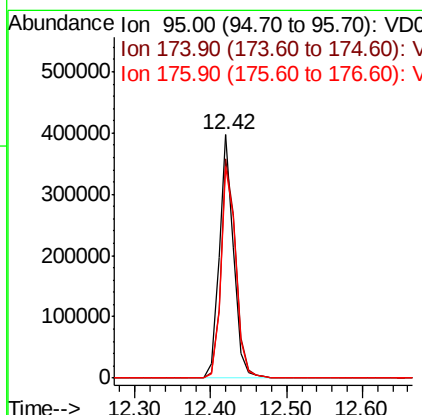
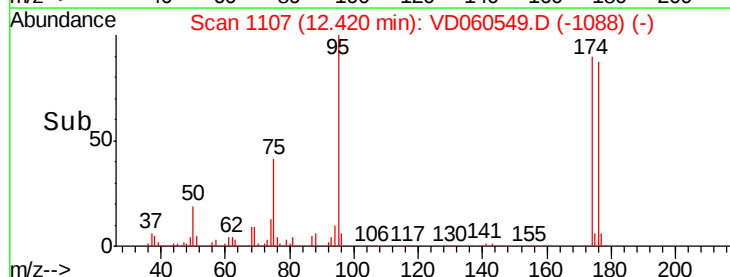
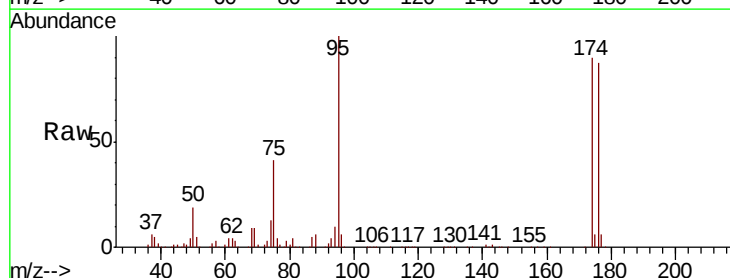
Instrument :
MSVOA_D
ClientSampleId :
RBR-200031

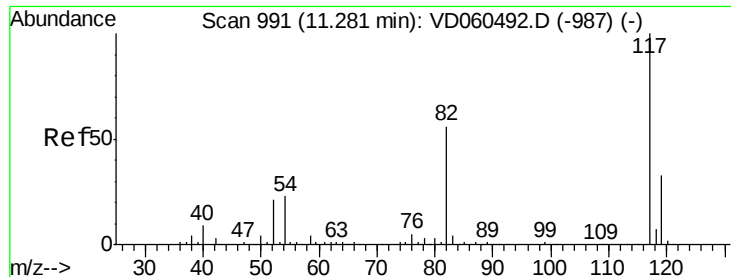
Tot Ion: 43 Resp: 36879
Ion Ratio Lower Upper
43 100
58 40.5 23.4 70.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD060549.D
Acq: 12 Dec 2018 16:13

Tgt Ion: 95 Resp: 527086
Ion Ratio Lower Upper
95 100
174 90.2 0.0 219.4
176 86.9 0.0 214.6

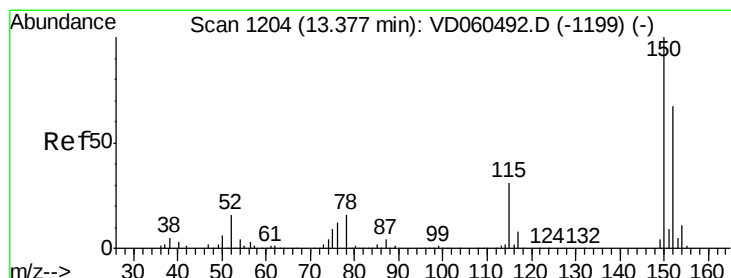
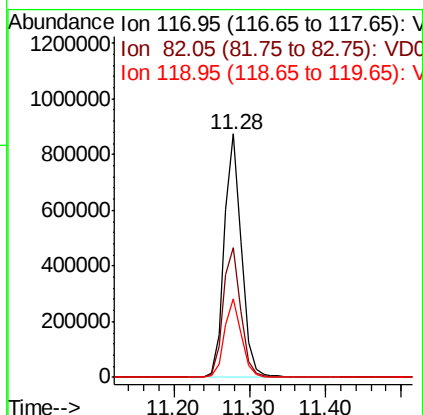
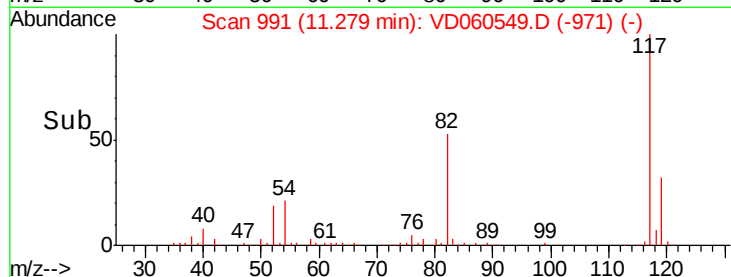
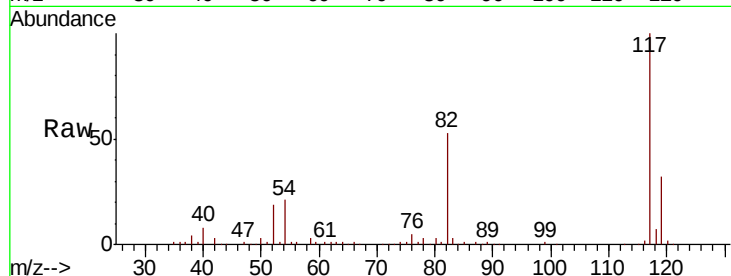




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VD060549.D
Acq: 12 Dec 2018 16:13

Instrument :
MSVOA_D
ClientSampleId :
RBR-200031

Tot Ion:117 Resp: 1372682
Ion Ratio Lower Upper
117 100
82 53.2 45.2 67.8
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060549.D
Acq: 12 Dec 2018 16:13

Tgt Ion:152 Resp: 703610
Ion Ratio Lower Upper
152 100
115 53.4 24.6 74.0
150 154.6 0.0 309.0

