

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052419\
 Data File : VD062532.D
 Acq On : 24 May 2019 15:21
 Operator : VA/AP
 Sample : k3019-04
 Misc : 5.29g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200036

Quant Time: May 24 22:41:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

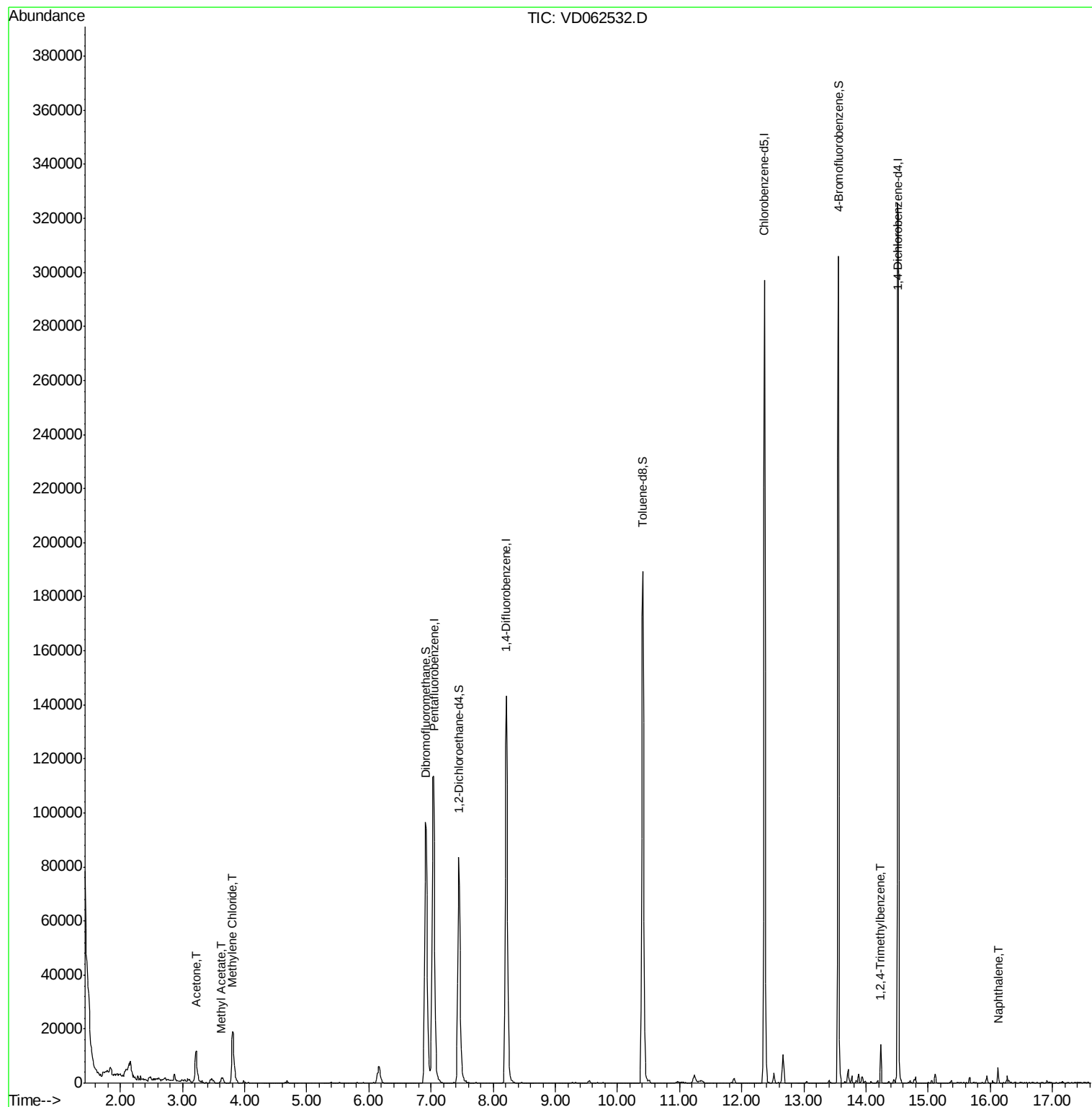
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	114487	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	151328	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	148642	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	80027	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	103512	84.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	168.92%	
35) Dibromofluoromethane	6.92	113	88917	65.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	130.26%	
50) Toluene-d8	10.41	98	151480	50.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	13.56	95	82347	63.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	126.02%	
Target Compounds						
16) Acetone	3.21	43	23630	107.600	ug/l #	70
18) Methyl Acetate	3.63	43	4977	13.134	ug/l #	53
20) Methylene Chloride	3.81	84	13252	9.016	ug/l	93
84) 1,2,4-Trimethylbenzene	14.23	105	6573	1.469	ug/l	87
95) Naphthalene	16.12	128	4706	2.036	ug/l #	94

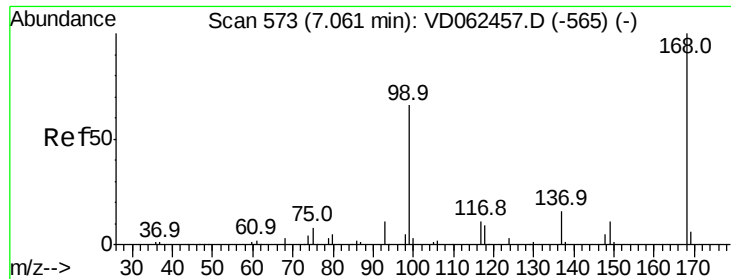
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052419\
Data File : VD062532.D
Acq On : 24 May 2019 15:21
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Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD062532.D

Acq: 24 May 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

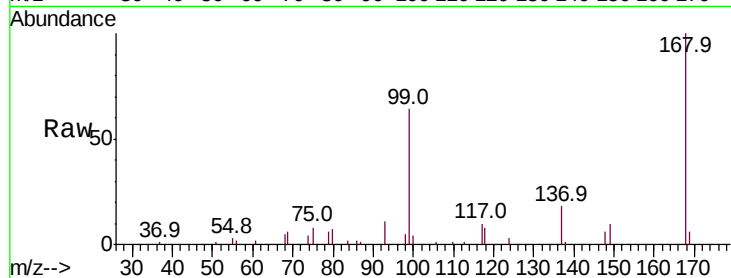
RBR200036

Tot Ion:168 Resp: 114487

Ion Ratio Lower Upper

168 100

99 63.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

40000

30000

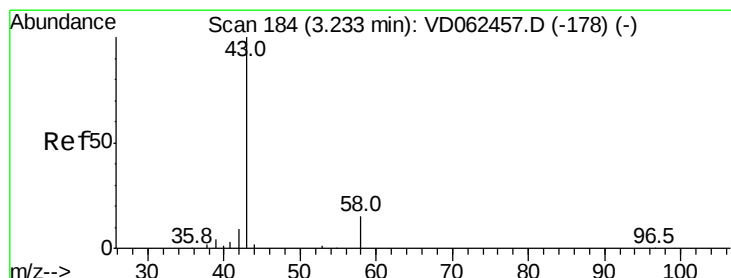
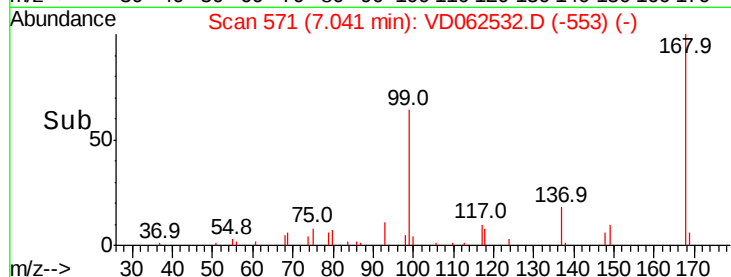
20000

10000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 107.600 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD062532.D

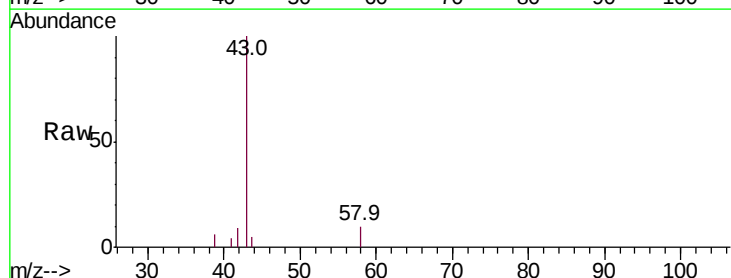
Acq: 24 May 2019 15:21

Tgt Ion: 43 Resp: 23630

Ion Ratio Lower Upper

43 100

58 9.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10000

8000

6000

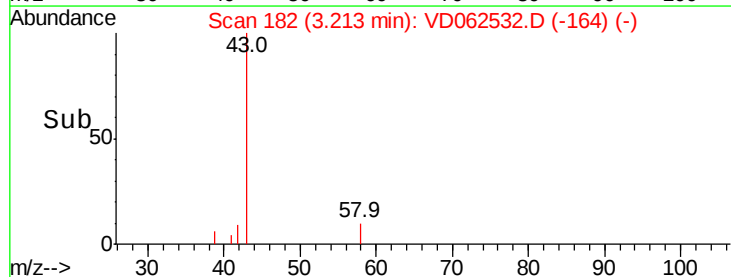
4000

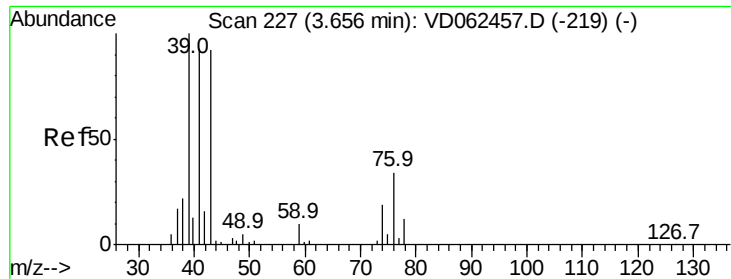
2000

0

3.10 3.20 3.30

Time-->





#18

Methyl Acetate

Concen: 13.134 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.03 min

Lab File: VD062532.D

Acq: 24 May 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

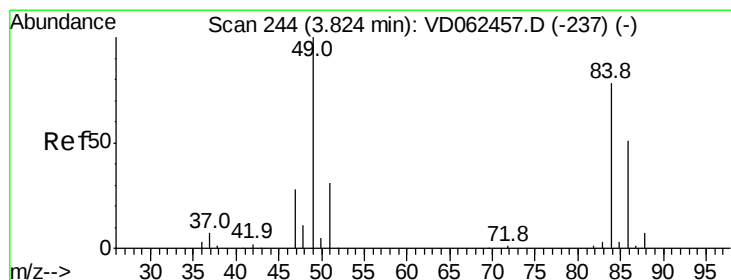
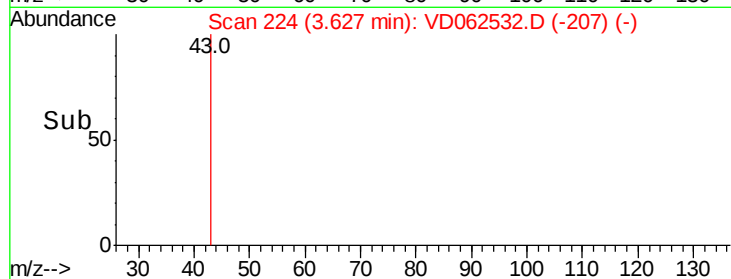
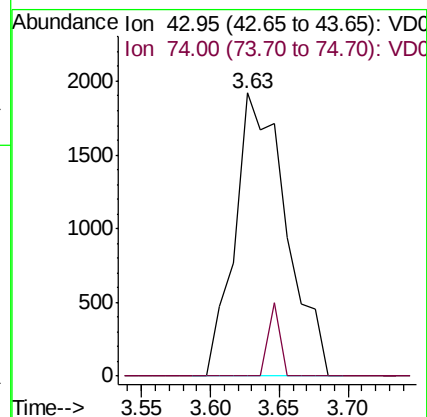
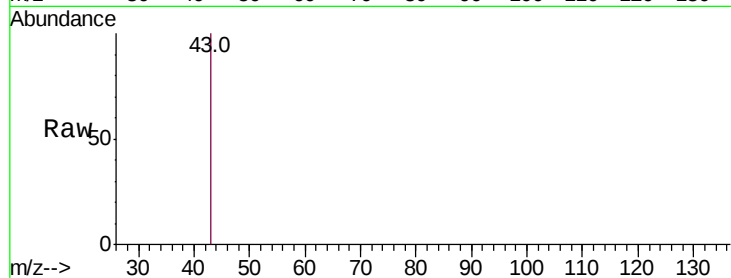
RBR200036

Tot Ion: 43 Resp: 4977

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



#20

Methylene Chloride

Concen: 9.016 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD062532.D

Acq: 24 May 2019 15:21

Tgt Ion: 84 Resp: 13252

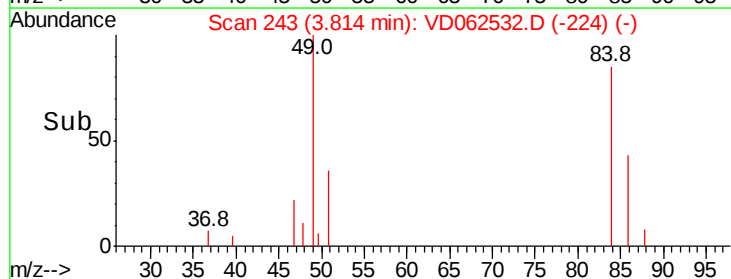
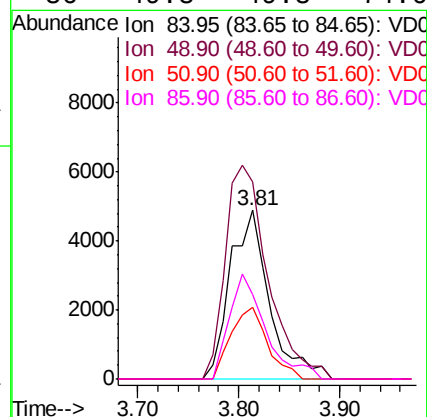
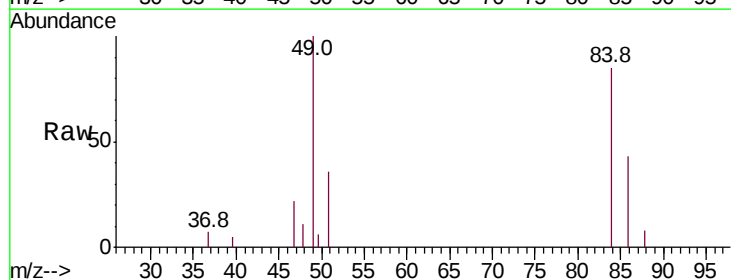
Ion Ratio Lower Upper

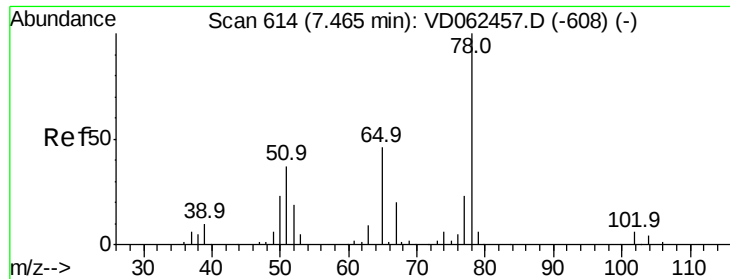
84 100

49 117.0 94.0 141.0

51 42.6 29.0 43.4

86 49.8 49.8 74.6

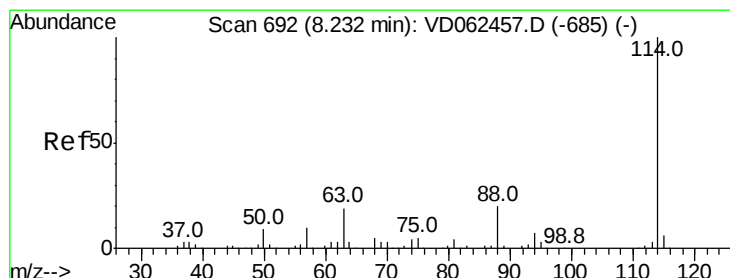
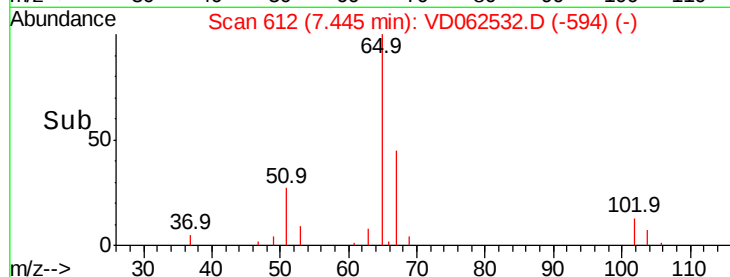
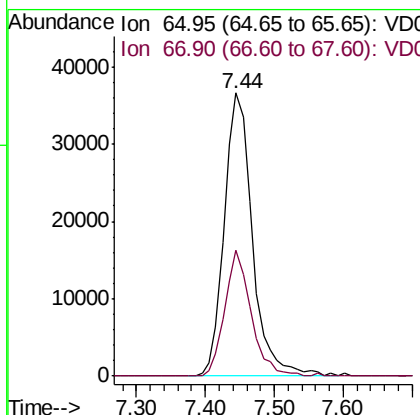
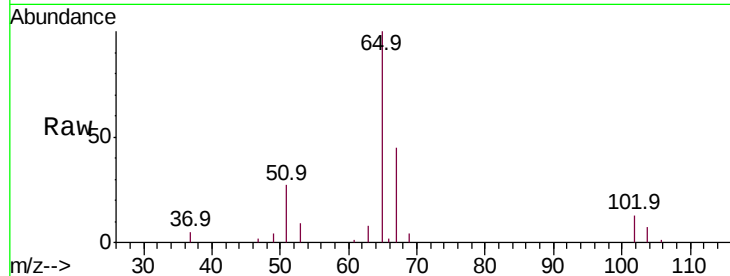




#33
 1,2-Dichloroethane-d4
 Concen: 84.465 ug/l
 RT: 7.44 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD062532.D
 Acq: 24 May 2019 15:21

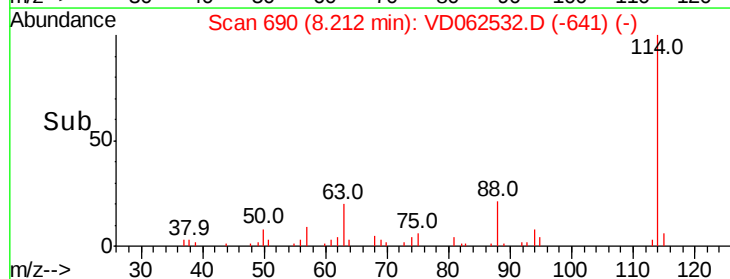
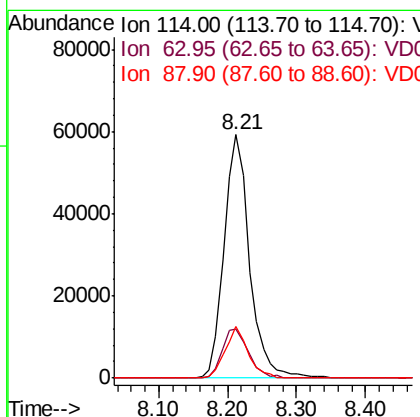
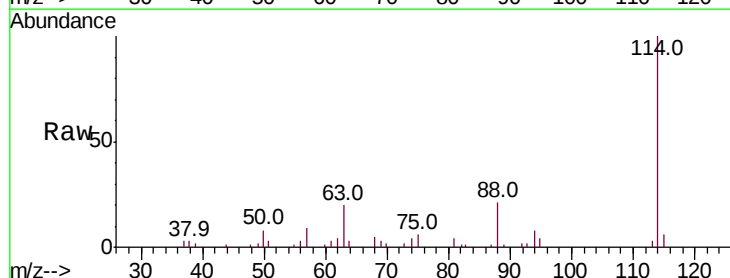
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200036

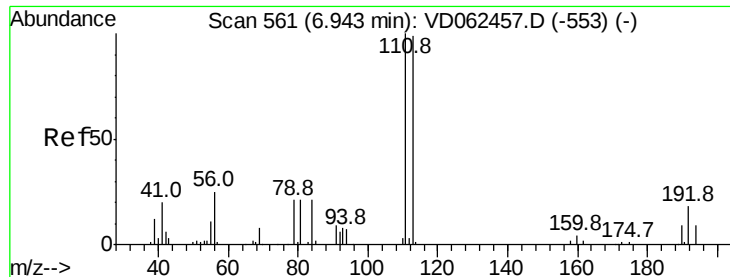
Tot Ion: 65 Resp: 103512
 Ion Ratio Lower Upper
 65 100
 67 44.6 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD062532.D
 Acq: 24 May 2019 15:21

Tgt Ion: 114 Resp: 151328
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 32.4
 88 20.9 0.0 33.6

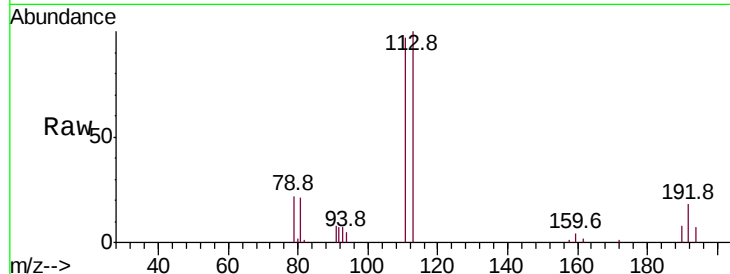




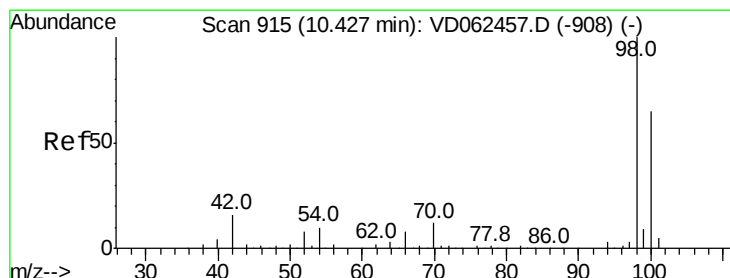
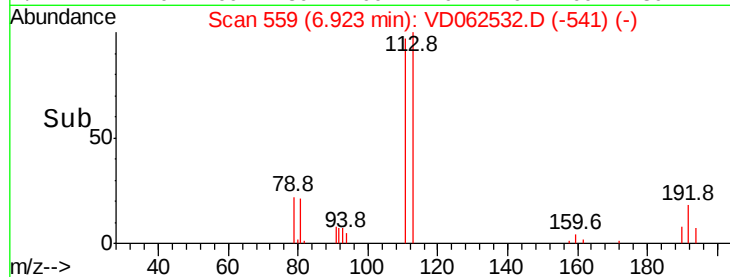
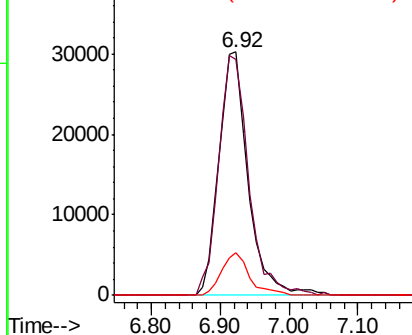
#35
 Dibromofluoromethane
 Concen: 65.133 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD062532.D
 Acq: 24 May 2019 15:21

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200036

Tot Ion:113 Resp: 88917
 Ion Ratio Lower Upper
 113 100
 111 97.1 78.5 117.7
 192 17.6 13.0 19.4

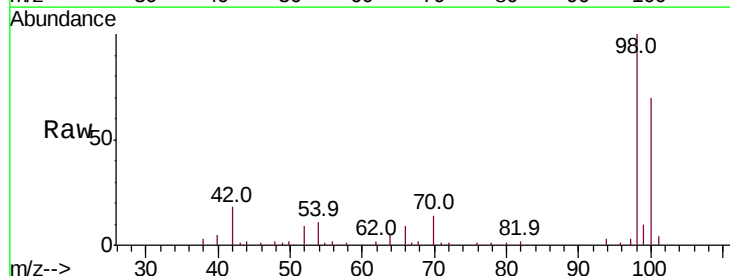


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

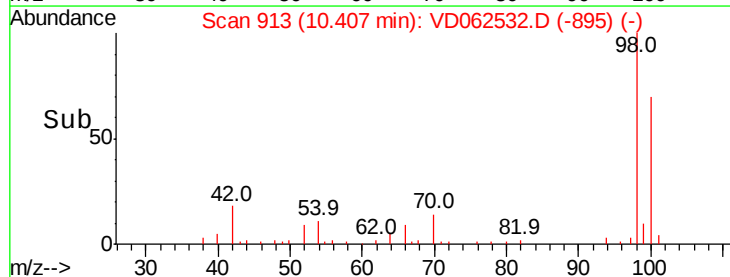
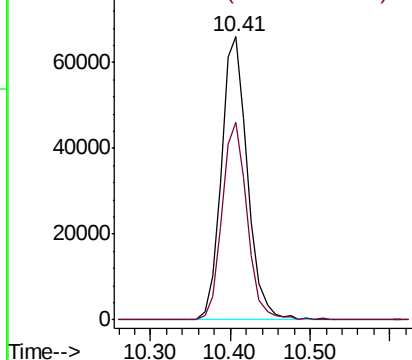


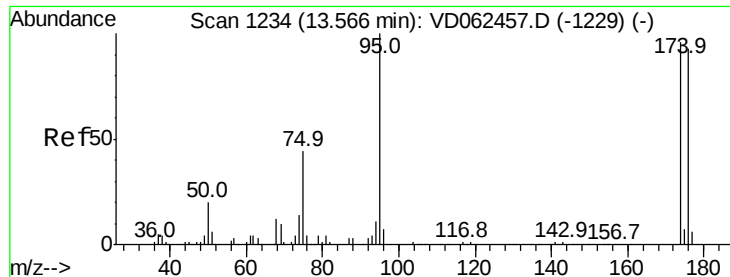
#50
 Toluene-d8
 Concen: 50.704 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VD062532.D
 Acq: 24 May 2019 15:21

Tgt Ion: 98 Resp: 151480
 Ion Ratio Lower Upper
 98 100
 100 69.7 53.8 80.8



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

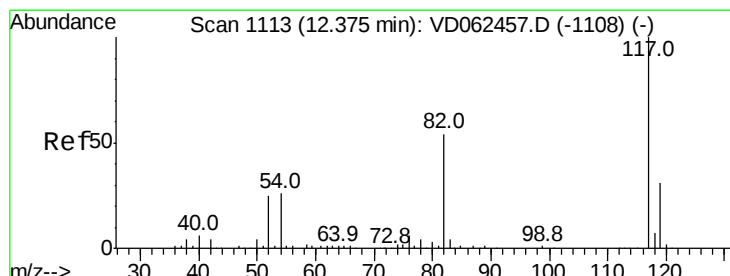
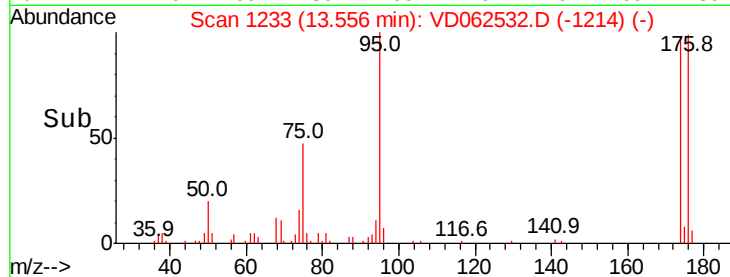
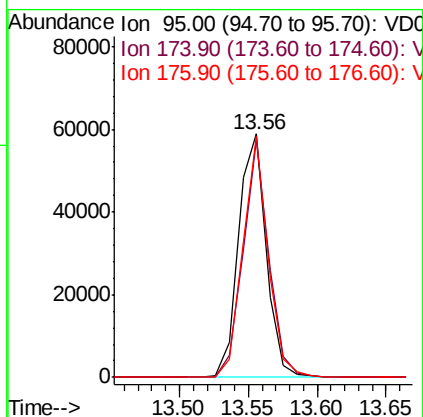
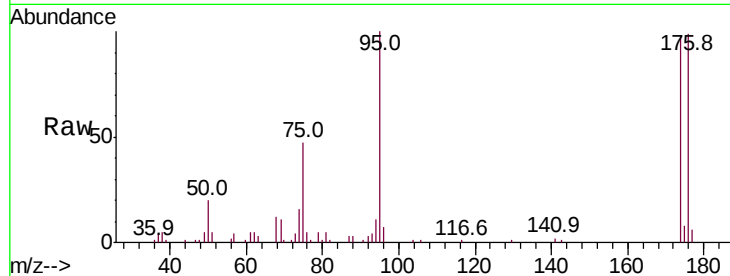




#62
 4-Bromofluorobenzene
 Concen: 63.012 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: VD062532.D
 Acq: 24 May 2019 15:21

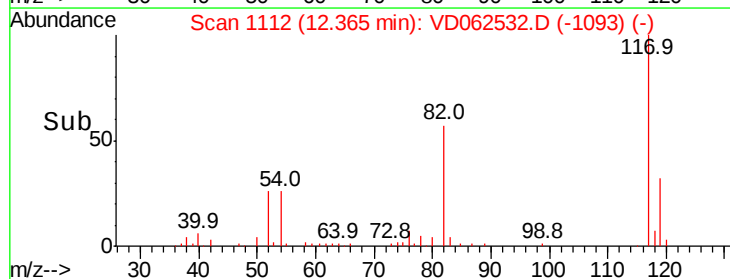
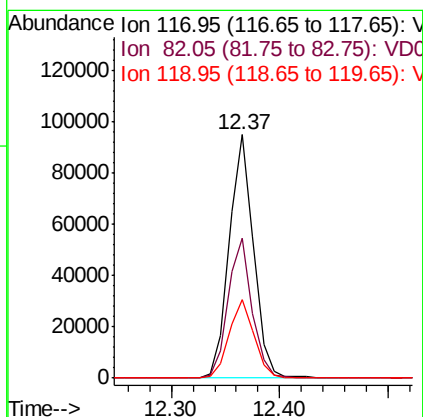
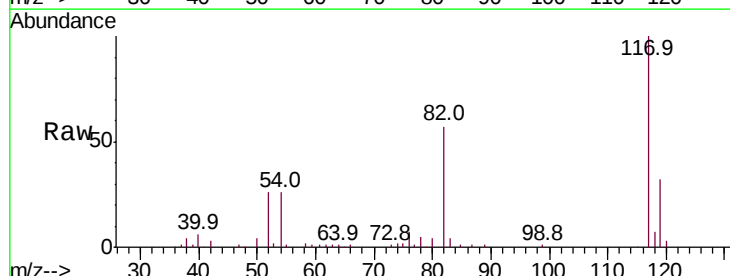
Instrument :
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 RBR200036

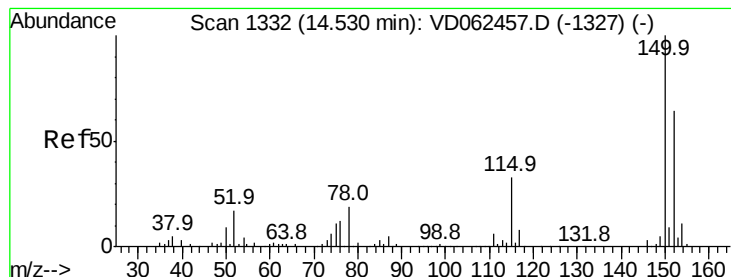
Tot Ion: 95 Resp: 82347
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 181.8
 176 99.0 0.0 174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: VD062532.D
 Acq: 24 May 2019 15:21

Tgt Ion: 117 Resp: 148642
 Ion Ratio Lower Upper
 117 100
 82 57.5 36.2 54.2#
 119 32.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. -0.01 min

Lab File: VD062532.D

Acq: 24 May 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

RBR200036

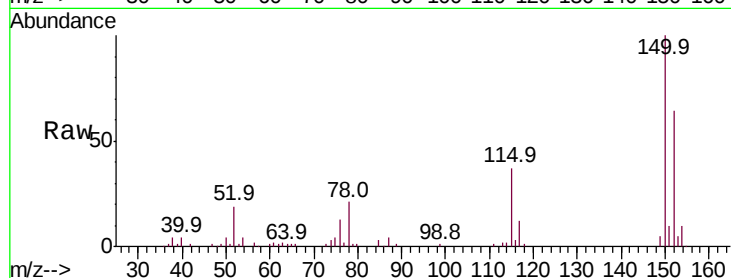
Tot Ion:152 Resp: 80027

Ion Ratio Lower Upper

152 100

115 58.4 30.9 92.7

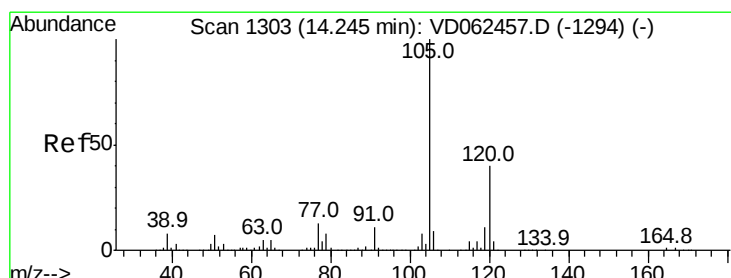
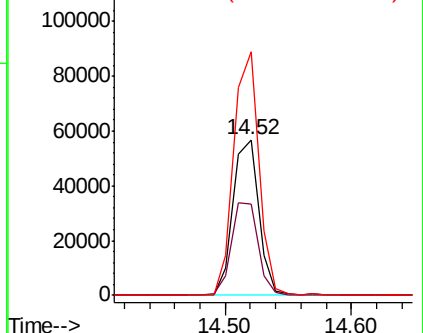
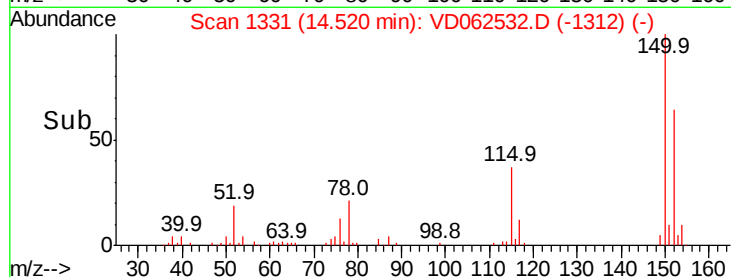
150 156.6 0.0 314.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.469 ug/l

RT: 14.23 min Scan# 1302

Delta R.T. -0.01 min

Lab File: VD062532.D

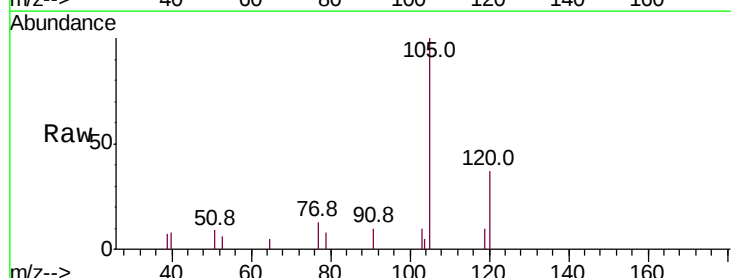
Acq: 24 May 2019 15:21

Tgt Ion:105 Resp: 6573

Ion Ratio Lower Upper

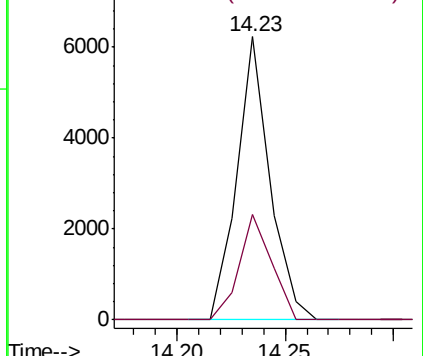
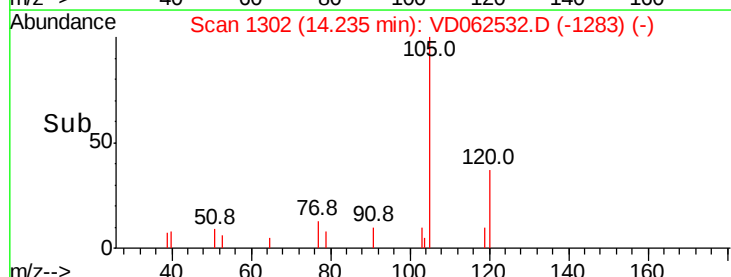
105 100

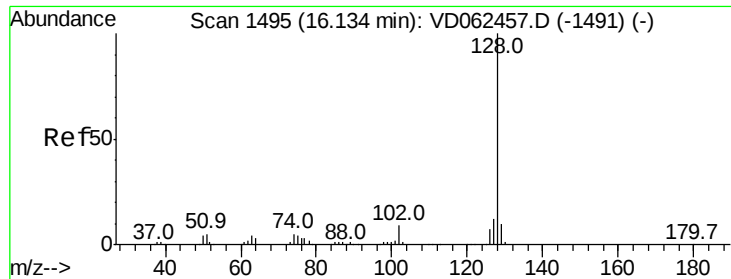
120 37.2 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#95
 Naphthalene
 Concen: 2.036 ug/l
 RT: 16.12 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: VD062532.D
 Acq: 24 May 2019 15:21

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200036

Tot Ion:128 Resp: 4706
 Ion Ratio Lower Upper
 128 100
 127 9.3 9.8 14.8#
 129 12.6 8.8 13.2

