

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058187.D
 Acq On : 18 Jun 2018 18:05
 Operator : VA/AP
 Sample : J3554-05
 Misc : 5.70g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 19 05:50:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	643392	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	830145	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	663523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	307524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	387412	60.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	120.46%	
35) Dibromofluoromethane	5.54	113	352273	54.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	8.70	98	768040	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.93	95	308167	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

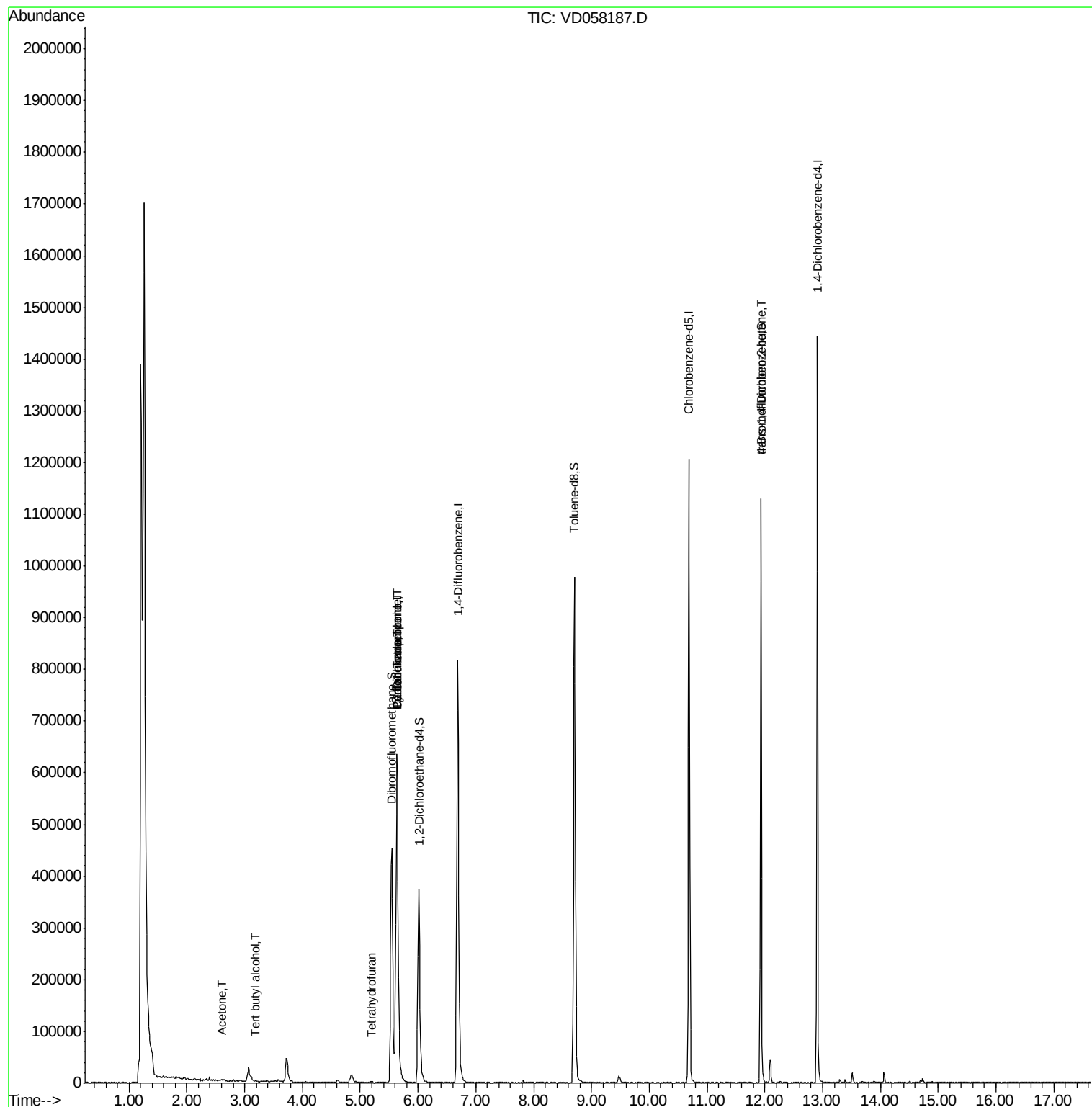
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.19	59	233	1.352	ug/l #	74
16) Acetone	2.59	43	5514	5.950	ug/l #	57
20) Methylene Chloride	3.06	84	11568	Below Cal		96
29) Tetrahydrofuran	5.19	42	2214	2.005	ug/l #	55
31) Cyclohexane	5.62	56	14821	1.325	ug/l #	11
36) 1,1-Dichloropropene	5.63	75	53317	5.830	ug/l #	51
38) Carbon Tetrachloride	5.64	117	53922	5.982	ug/l #	17
81) trans-1,4-Dichloro-2-buten	11.92	75	151084	132.047	ug/l #	6
82) 4-Chlorotoluene	12.33	91	523	Below Cal	#	50
89) n-Butylbenzene	13.19	91	181	Below Cal	#	30

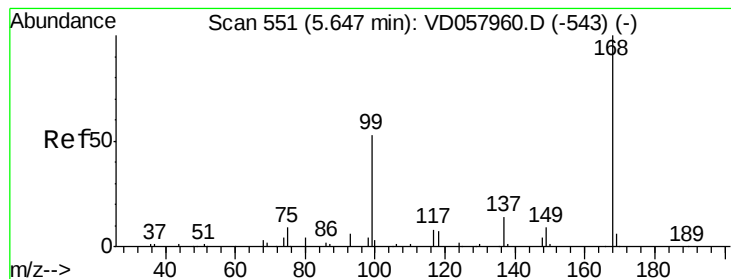
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061818\
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Quant Time: Jun 19 05:50:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration

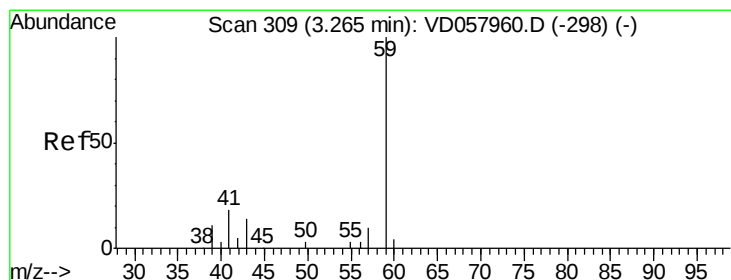
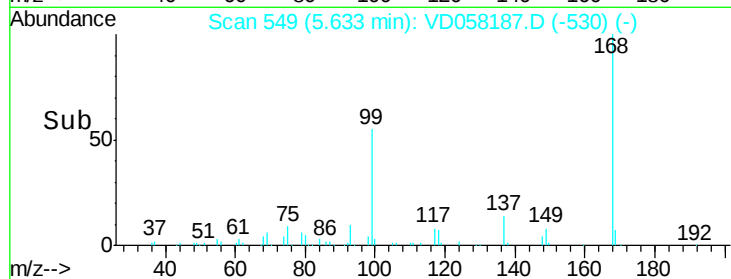
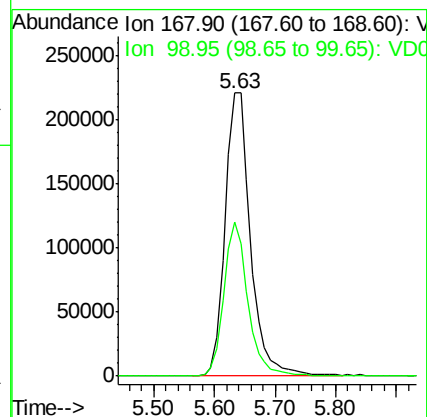
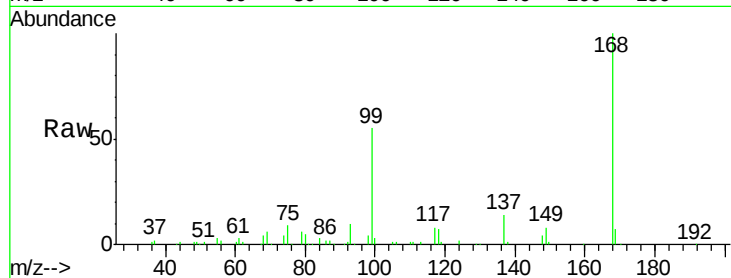




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.01 min
Lab File: VD058187.D
Acq: 18 Jun 2018 18:05

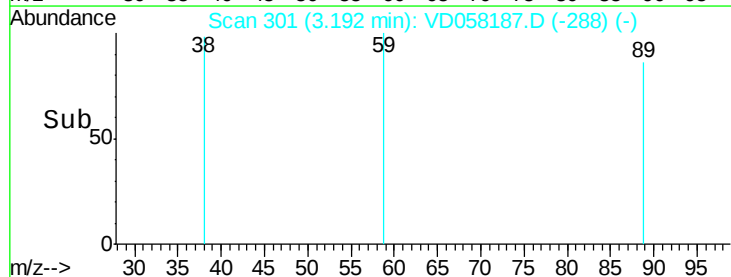
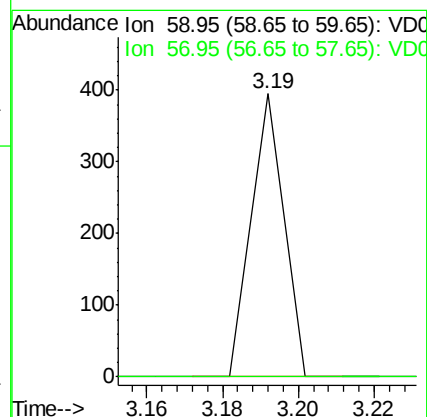
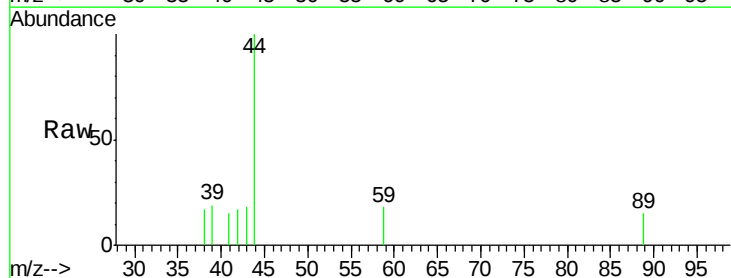
Instrument :
MSVOA_D
ClientSampleId :

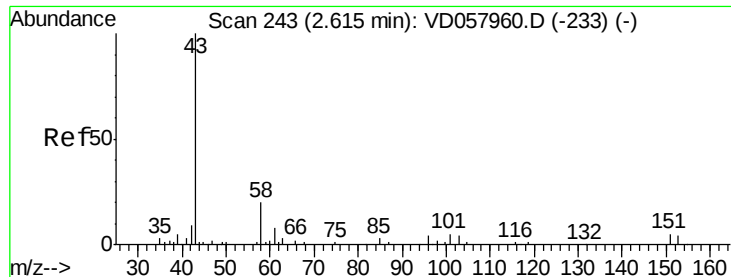
Tot Ion:168 Resp: 643392
Ion Ratio Lower Upper
168 100
99 54.6 46.8 70.2



#11
Tert butyl alcohol
Concen: 1.352 ug/l
RT: 3.19 min Scan# 301
Delta R.T. -0.07 min
Lab File: VD058187.D
Acq: 18 Jun 2018 18:05

Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 5.950 ug/l

RT: 2.59 min Scan# 240

Delta R.T. -0.02 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

Instrument :

MSVOA_D

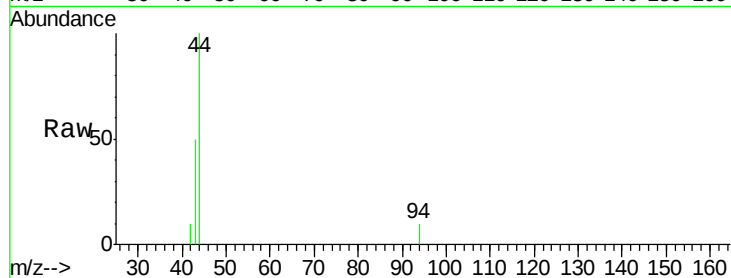
ClientSampleId :

Tot Ion: 43 Resp: 5514

Ion Ratio Lower Upper

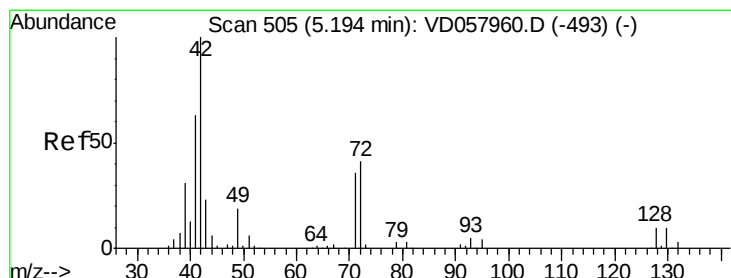
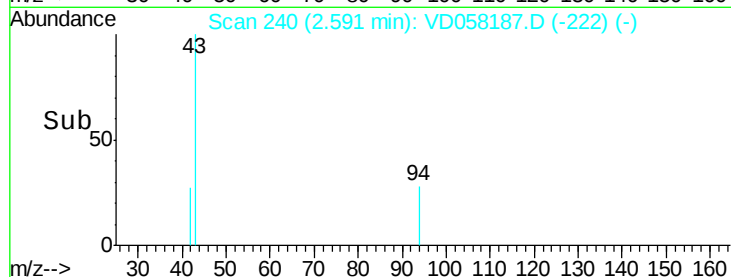
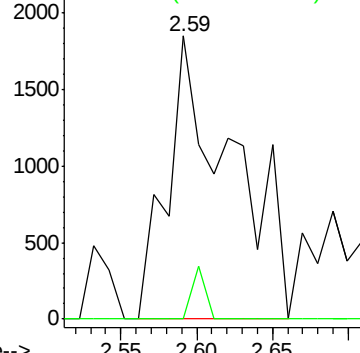
43 100

58 0.0 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#29

Tetrahydrofuran

Concen: 2.005 ug/l

RT: 5.19 min Scan# 504

Delta R.T. -0.00 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

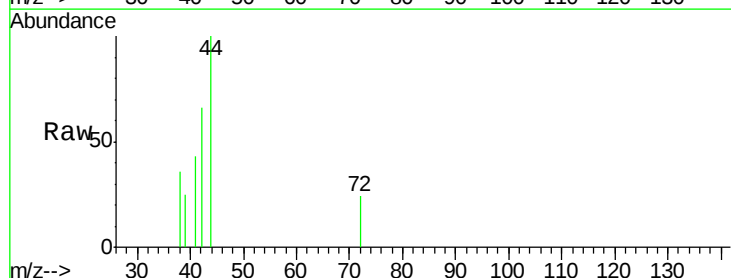
Tgt Ion: 42 Resp: 2214

Ion Ratio Lower Upper

42 100

72 17.9 28.5 42.7#

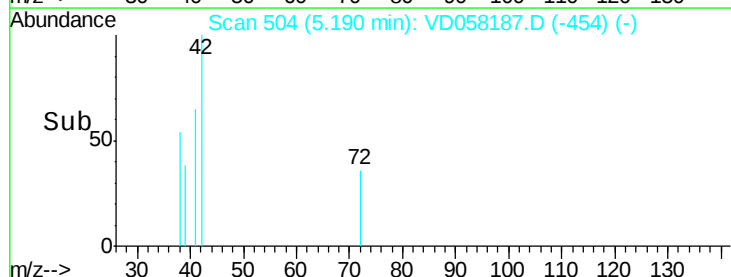
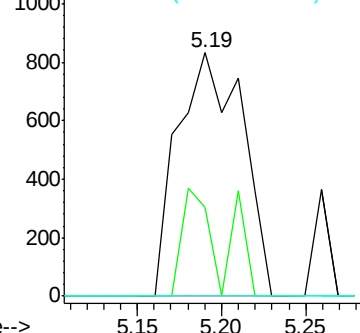
71 0.0 27.9 41.9#

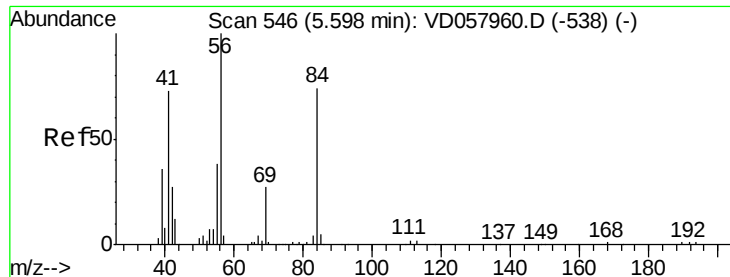


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

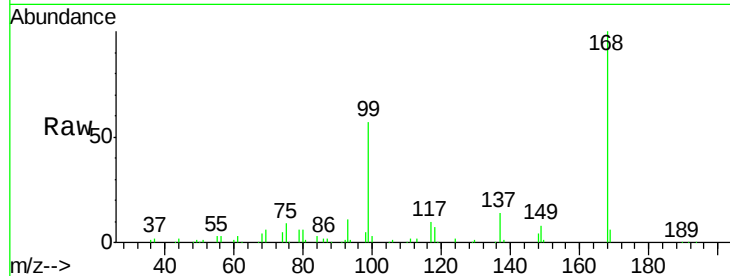




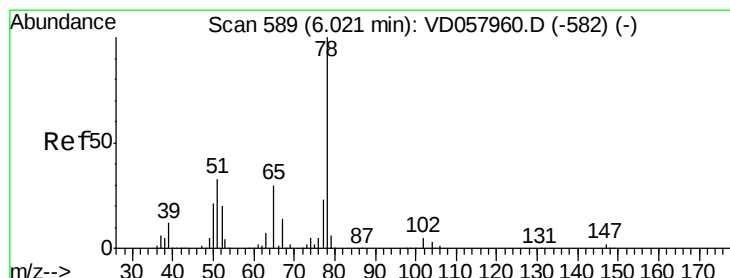
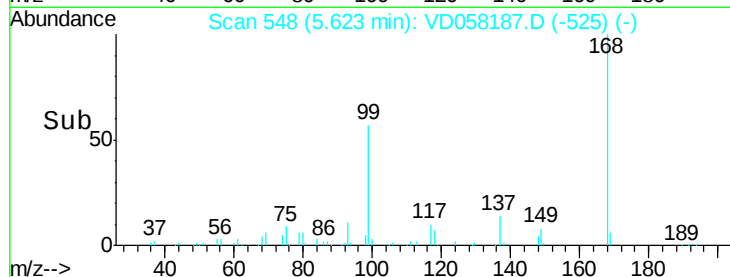
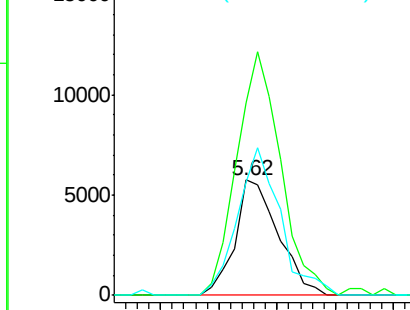
#31
Cyclohexane
Concen: 1.325 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.03 min
Lab File: VD058187.D
Acq: 18 Jun 2018 18:05

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 14821
Ion Ratio Lower Upper
56 100
69 166.6 21.5 32.3#
84 98.1 61.0 91.6#

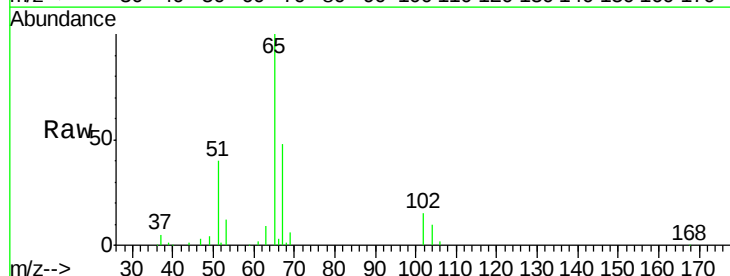


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

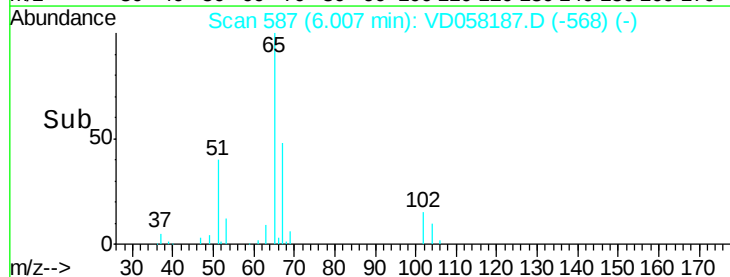
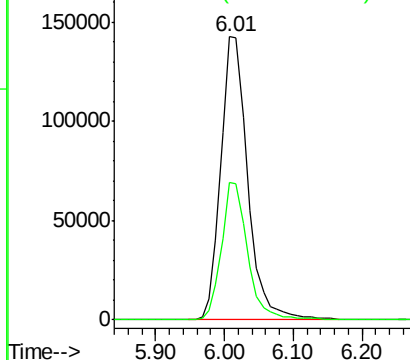


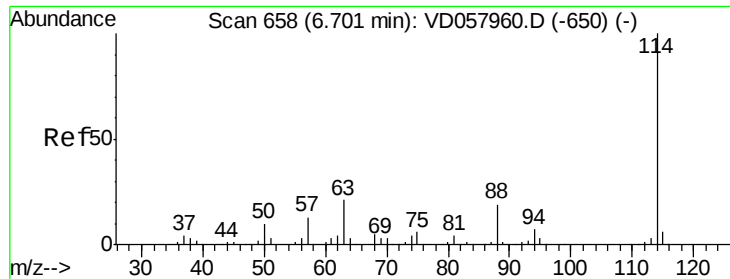
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.01 min
Lab File: VD058187.D
Acq: 18 Jun 2018 18:05

Tgt Ion: 65 Resp: 387412
Ion Ratio Lower Upper
65 100
67 48.5 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

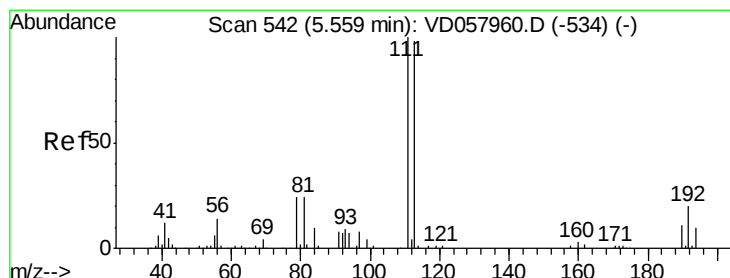
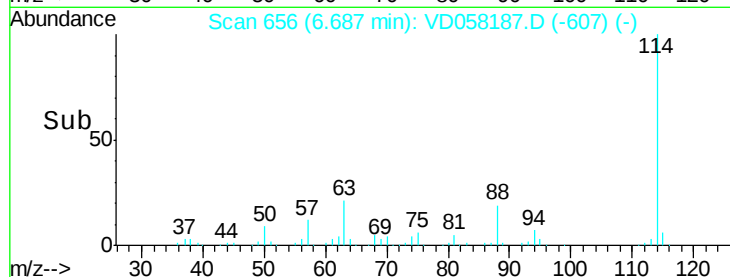
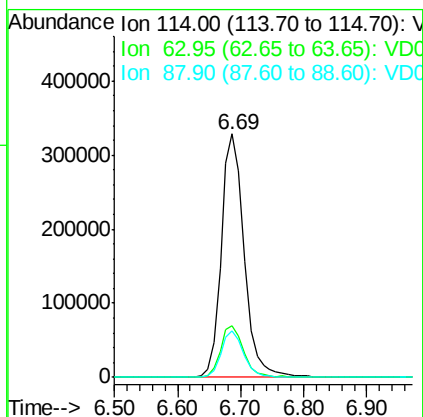
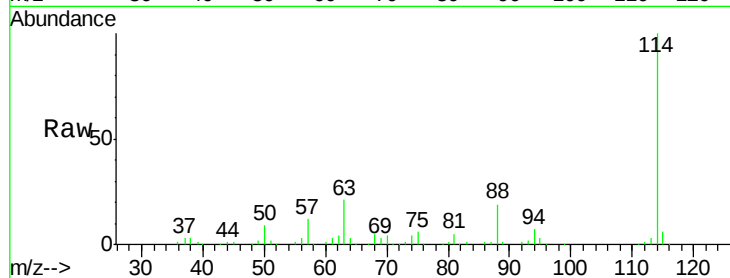




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD058187.D
 Acq: 18 Jun 2018 18:05

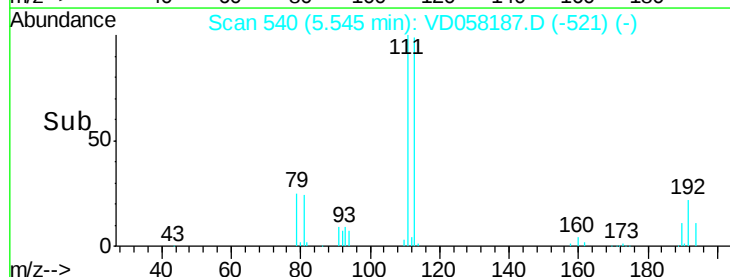
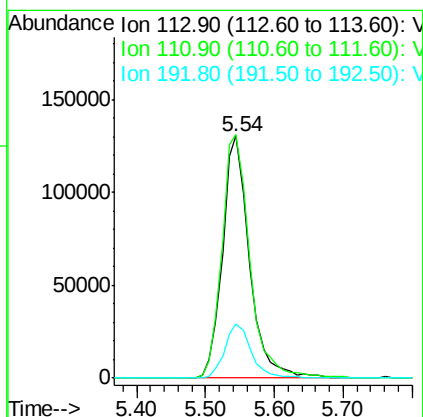
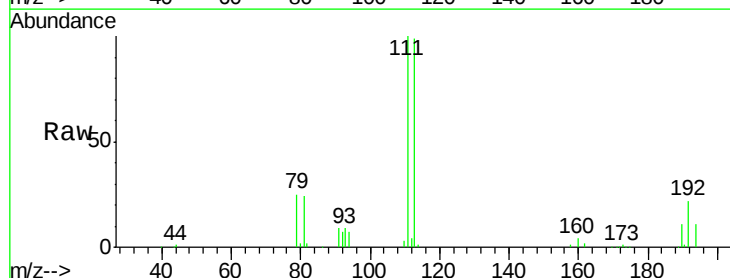
Instrument :
 MSVOA_D
 ClientSampleId :

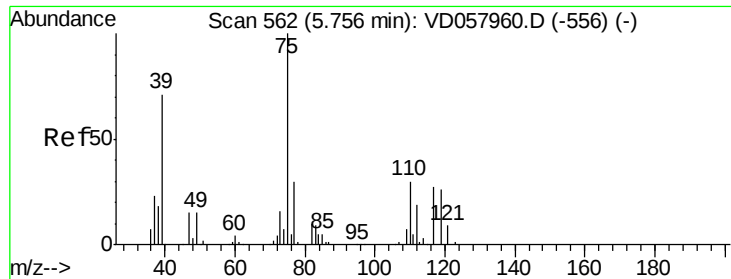
Tot Ion:114 Resp: 830145
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 19.0 0.0 37.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD058187.D
 Acq: 18 Jun 2018 18:05

Tgt Ion:113 Resp: 352273
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.5 122.3
 192 22.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 5.830 ug/l

RT: 5.63 min Scan# 549

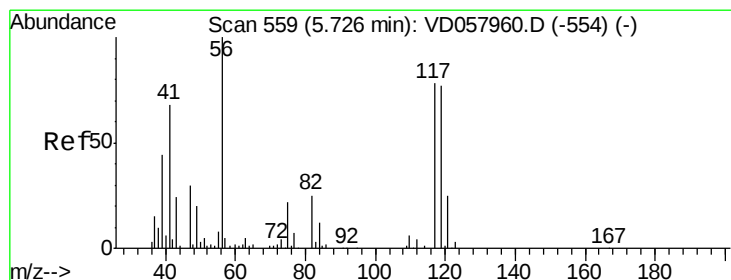
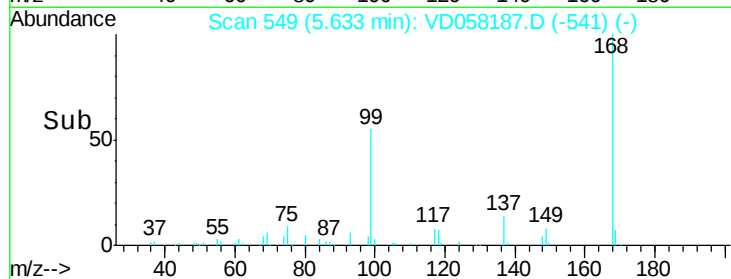
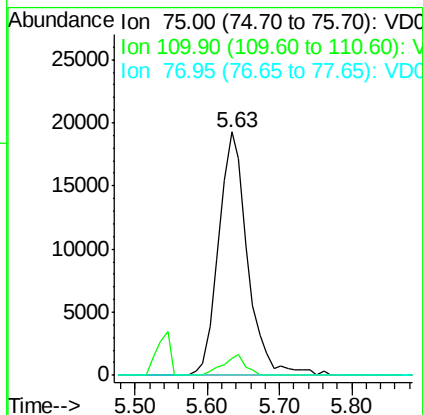
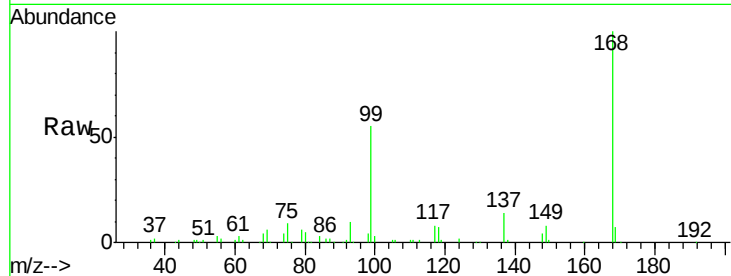
Delta R.T. -0.12 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	75	Resp:	53317
Ion	Ratio	Lower	Upper
75	100		
110	6.8	14.8	44.3#
77	0.0	23.9	35.9#



#38

Carbon Tetrachloride

Concen: 5.982 ug/l

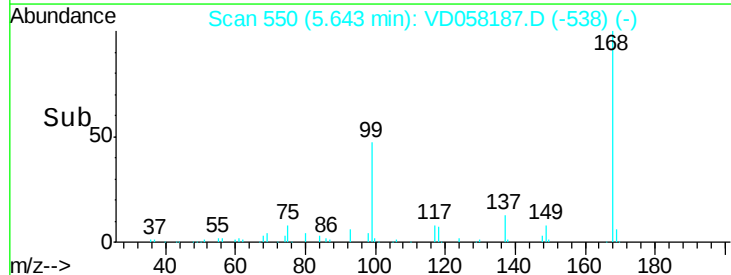
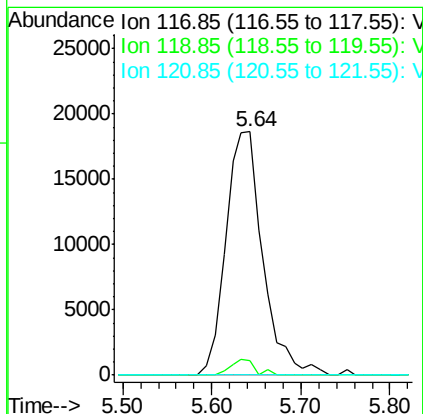
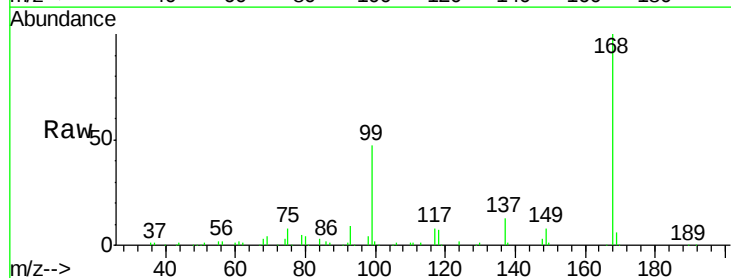
RT: 5.64 min Scan# 550

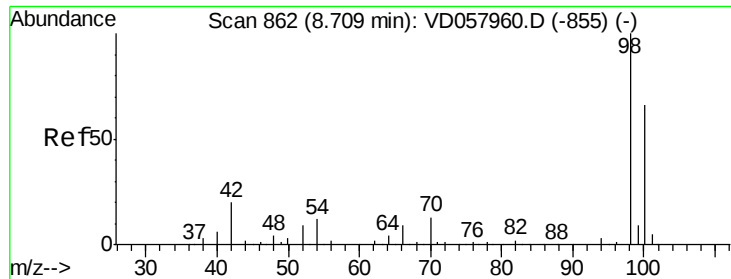
Delta R.T. -0.08 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

Tgt Ion:	117	Resp:	53922
Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.1	114.1#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.00 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

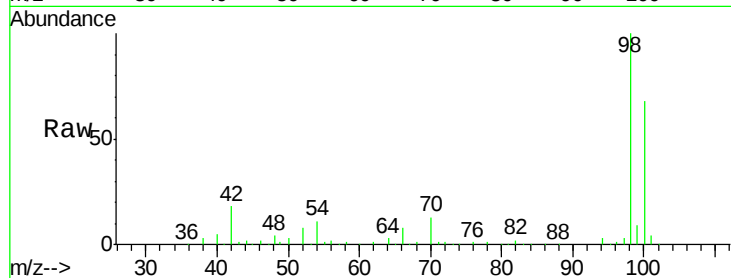
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 768040

Ion Ratio Lower Upper

98 100

100 67.7 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

8.70

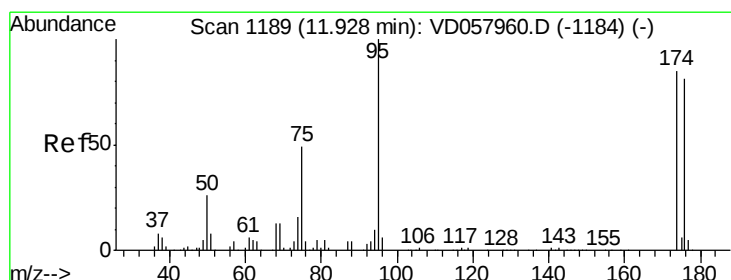
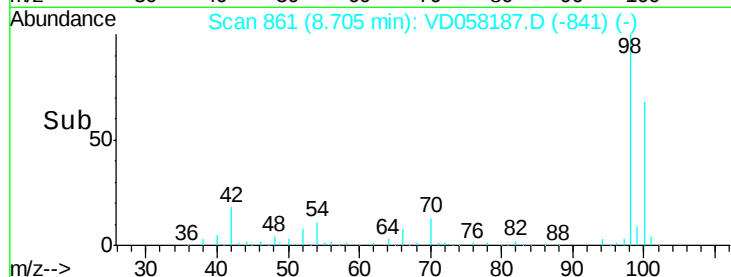
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

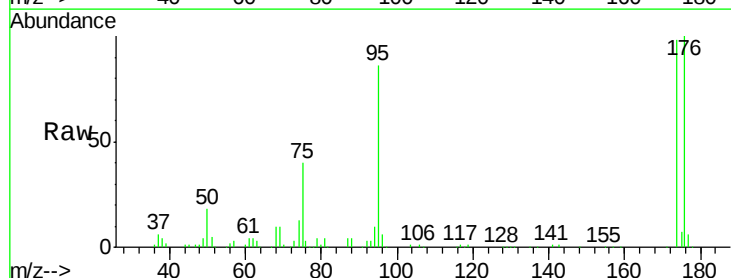
Tgt Ion: 95 Resp: 308167

Ion Ratio Lower Upper

95 100

174 114.3 0.0 169.4

176 116.8 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)

Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)

Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)

11.93

300000

250000

200000

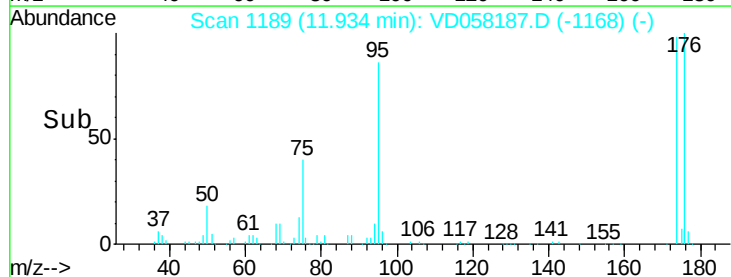
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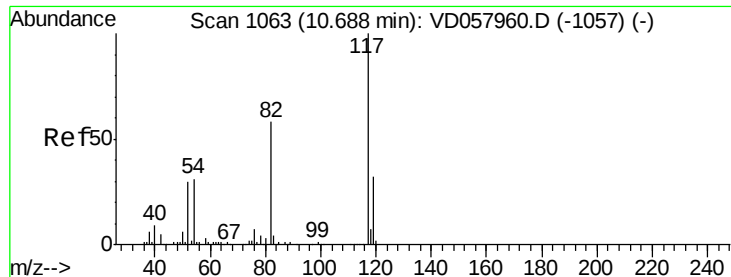
100000

50000

0

Time-->

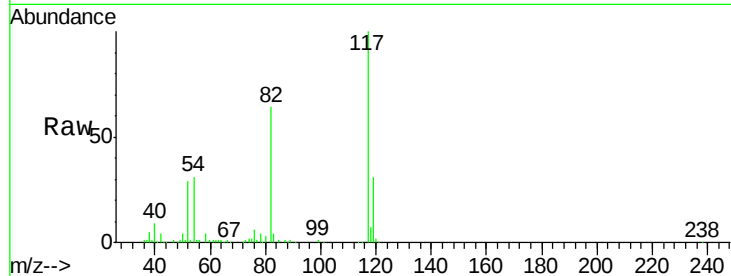




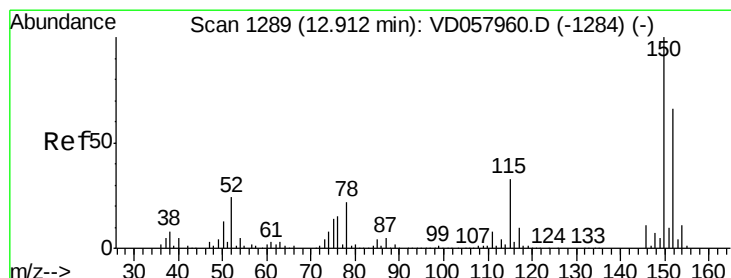
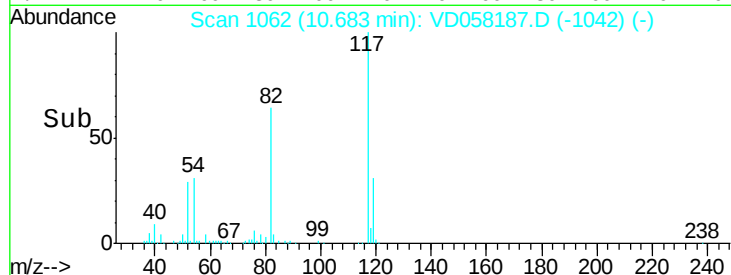
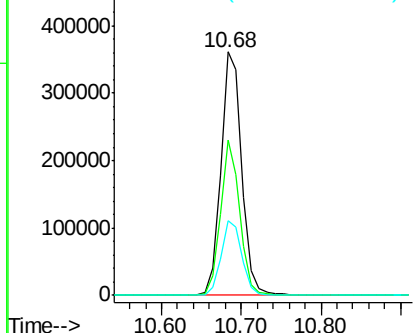
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD058187.D
Acq: 18 Jun 2018 18:05

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 663523
Ion Ratio Lower Upper
117 100
82 64.0 46.8 70.2
119 30.5 25.8 38.6

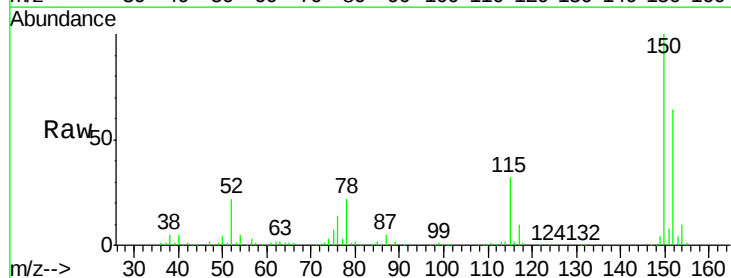


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

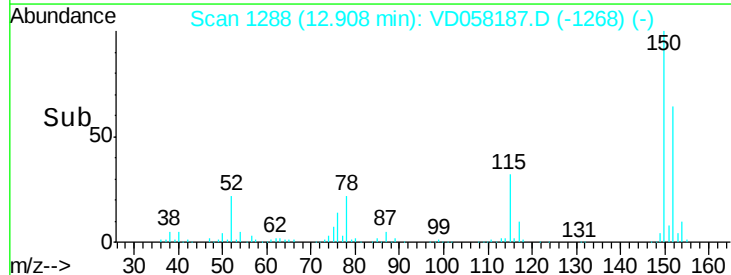
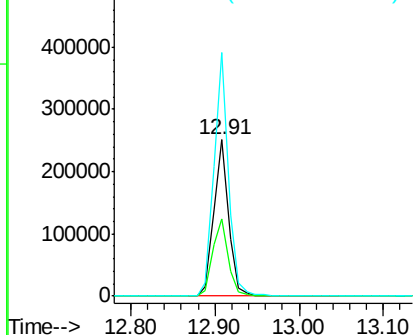


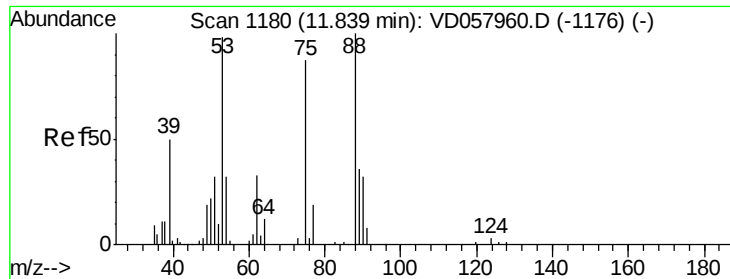
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058187.D
Acq: 18 Jun 2018 18:05

Tgt Ion:152 Resp: 307524
Ion Ratio Lower Upper
152 100
115 49.8 25.6 76.6
150 155.7 0.0 306.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 132.047 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. 0.08 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

Instrument :

MSVOA_D

ClientSampleId :

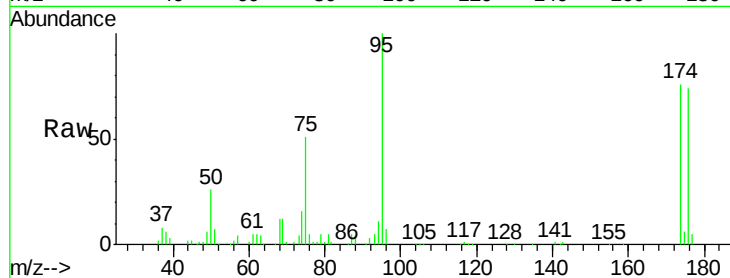
Tot Ion: 75 Resp: 151084

Ion Ratio Lower Upper

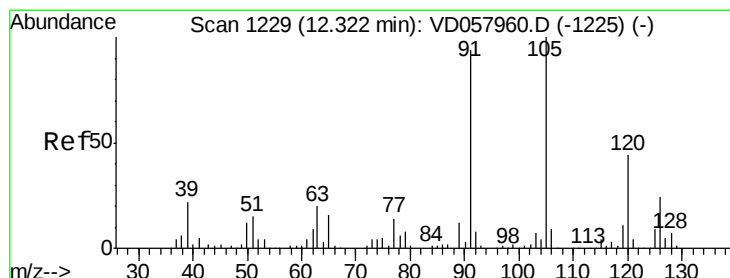
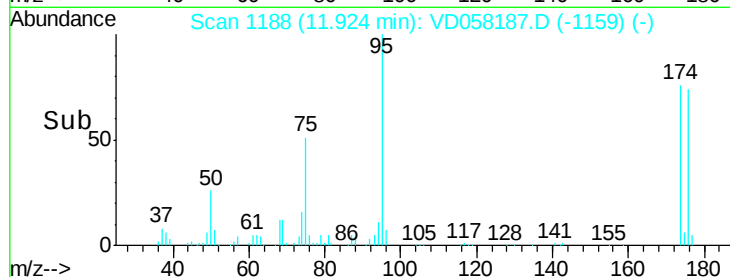
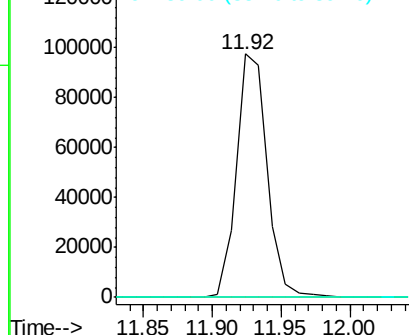
75 100

53 0.0 89.3 133.9#

89 0.0 33.3 49.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.33 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VD058187.D

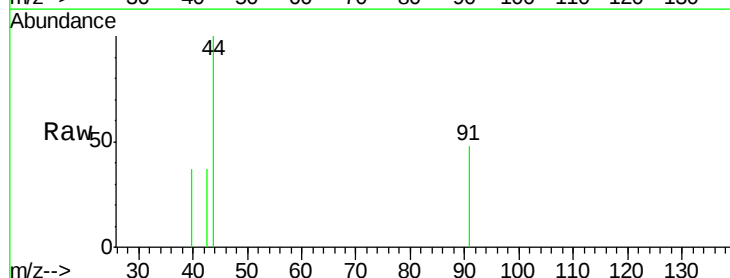
Acq: 18 Jun 2018 18:05

Tgt Ion: 91 Resp: 523

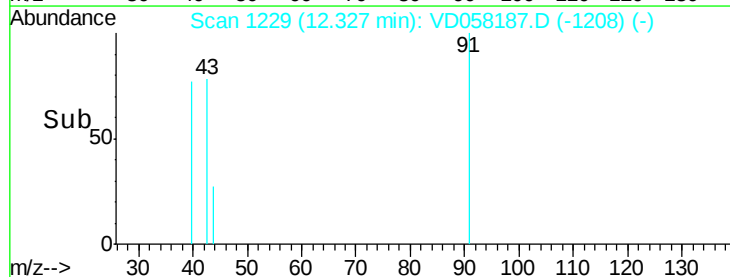
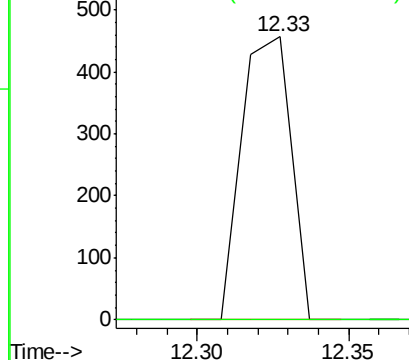
Ion Ratio Lower Upper

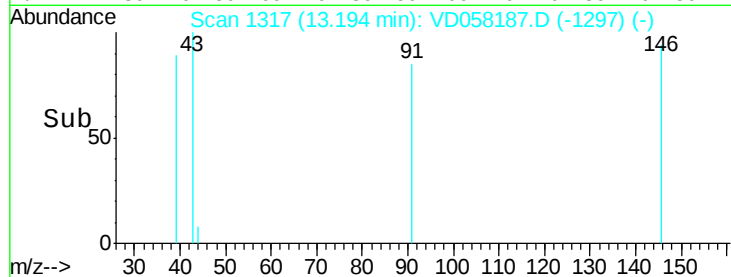
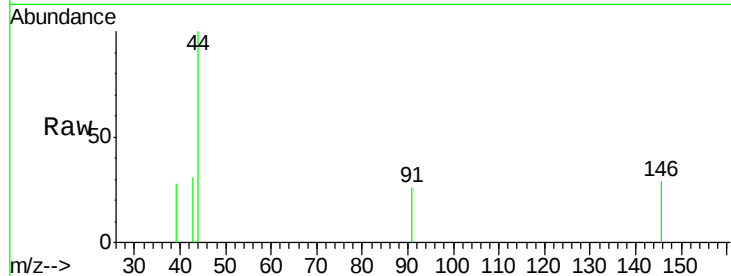
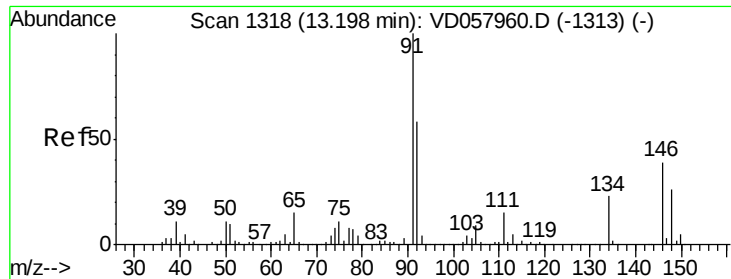
91 100

126 0.0 12.5 37.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V





#89

n-Butylbenzene

Concen: Below Cal

RT: 13.19 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 91 Resp: 181

Ion Ratio Lower Upper

91 100

92 0.0 29.2 87.6#

134 0.0 11.3 33.9#

