

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058189.D
 Acq On : 18 Jun 2018 19:02
 Operator : VA/AP
 Sample : J3554-07
 Misc : 6.21g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 19 05:50:37 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	5.64	168	625462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	877647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	704940	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	391998	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	391972	62.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	125.38%	
35) Dibromofluoromethane	5.54	113	369405	54.40	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	108.80%	
50) Toluene-d8	8.71	98	832983	51.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.95	95	356295	50.59	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	101.18%	

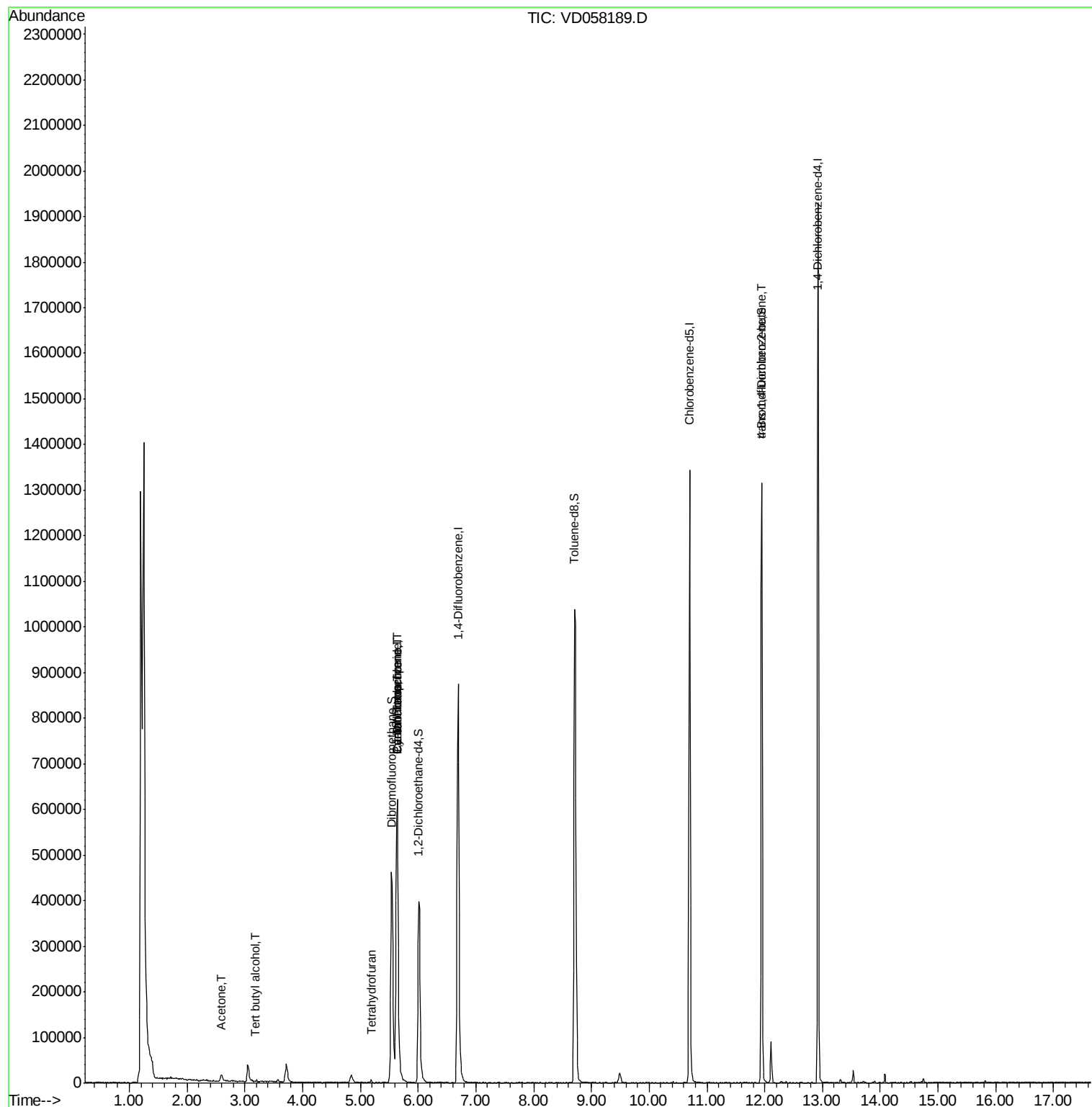
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.19	59	706	4.215	ug/l #	74
16) Acetone	2.60	43	30278	33.609	ug/l	94
20) Methylene Chloride	3.06	84	16902	Below Cal		93
29) Tetrahydrofuran	5.19	42	1964	1.830	ug/l #	69
31) Cyclohexane	5.64	56	14202	1.306	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	51218	5.297	ug/l #	52
38) Carbon Tetrachloride	5.63	117	52227	5.481	ug/l #	15
81) trans-1,4-Dichloro-2-buten	11.95	75	176362	120.923	ug/l #	6
82) 4-Chlorotoluene	12.18	91	195	Below Cal	#	50
89) n-Butylbenzene	13.21	91	242	Below Cal	#	30

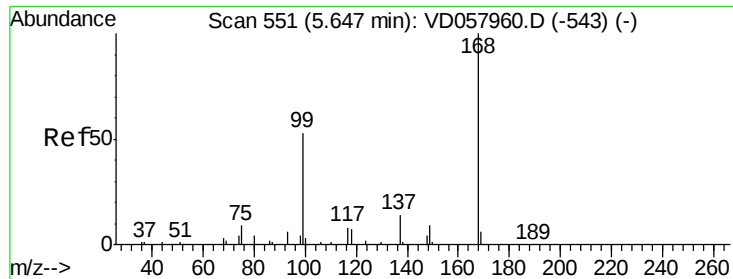
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061818\
Data File : VD058189.D
Acq On : 18 Jun 2018 19:02
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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: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_D

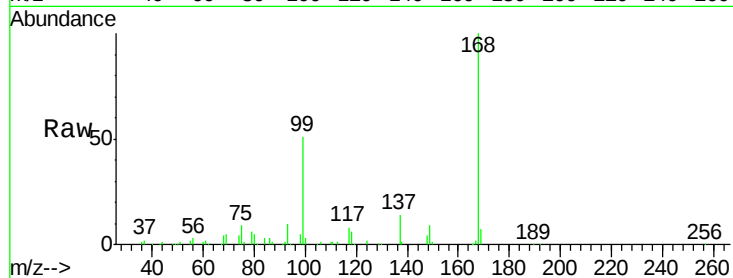
ClientSampleId :

Tot Ion:168 Resp: 625462

Ion Ratio Lower Upper

168 100

99 50.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

250000

200000

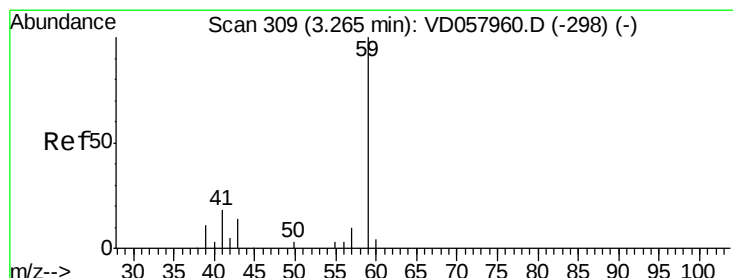
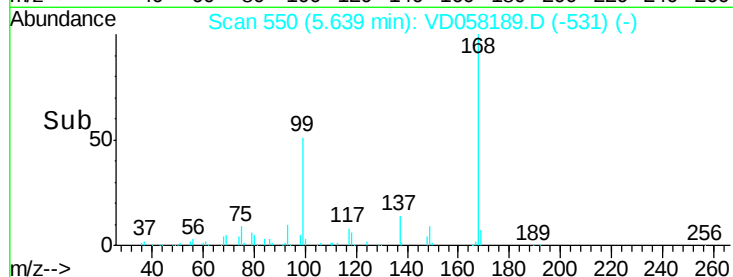
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.215 ug/l

RT: 3.19 min Scan# 301

Delta R.T. -0.08 min

Lab File: VD058189.D

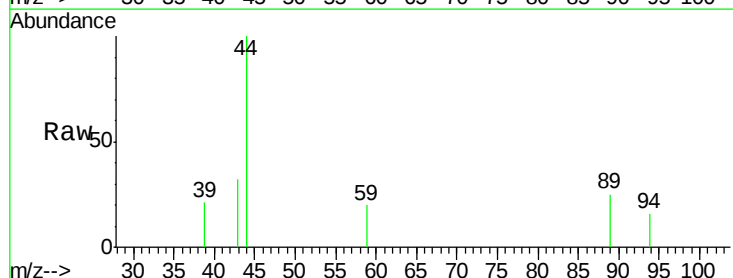
Acq: 18 Jun 2018 19:02

Tgt Ion: 59 Resp: 706

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

500

400

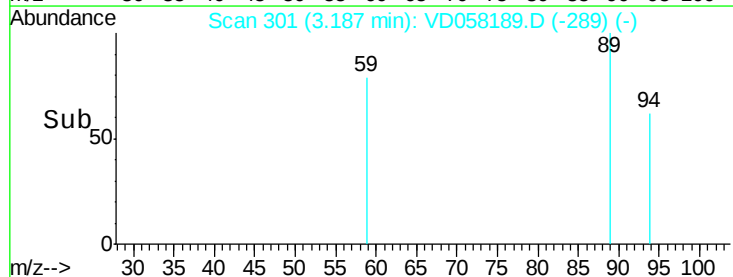
300

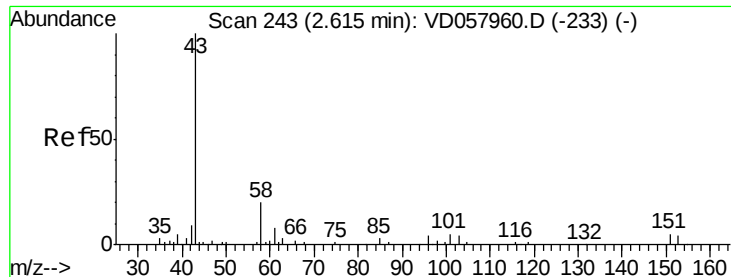
200

100

0

Time-->





#16

Acetone

Concen: 33.609 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_D

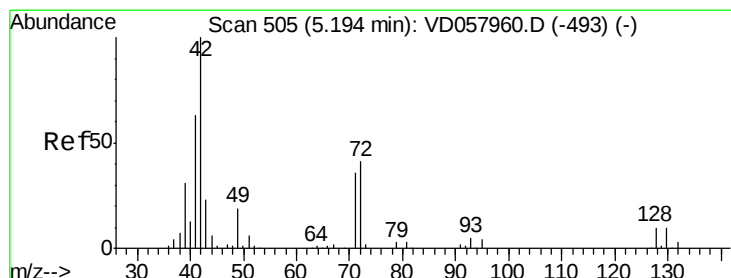
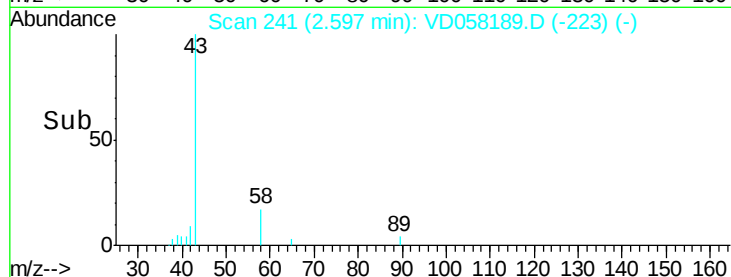
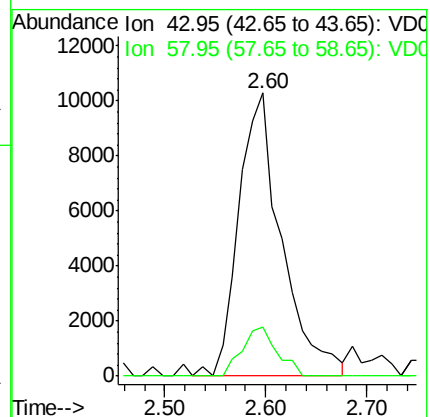
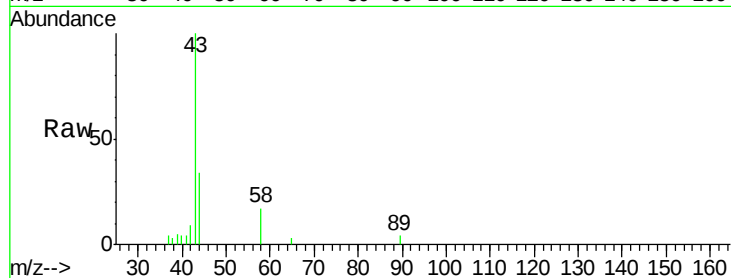
ClientSampled :

Tot Ion: 43 Resp: 30278

Ion Ratio Lower Upper

43 100

58 17.1 15.8 23.8



#29

Tetrahydrofuran

Concen: 1.830 ug/l

RT: 5.19 min Scan# 504

Delta R.T. -0.01 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

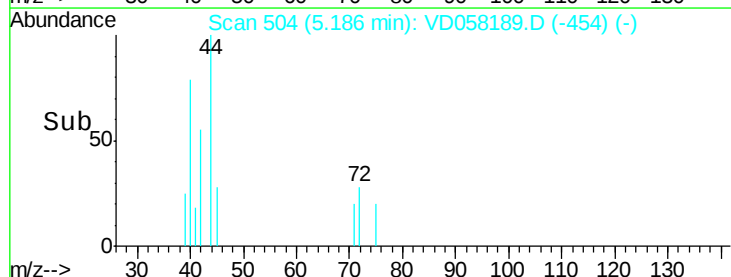
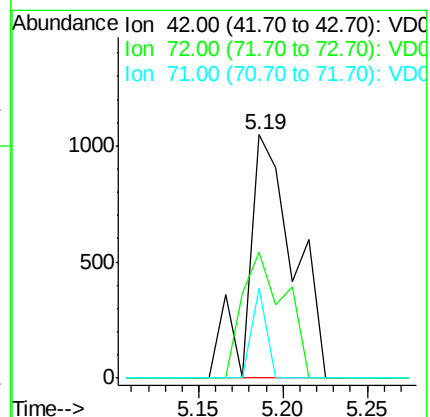
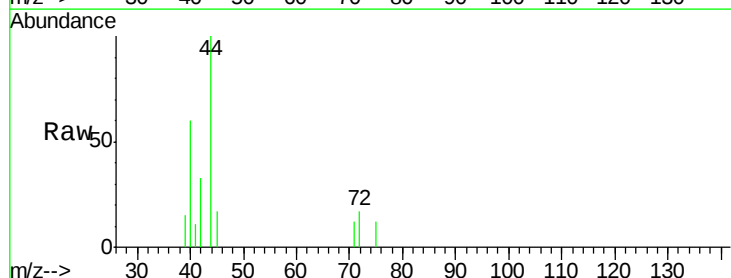
Tgt Ion: 42 Resp: 1964

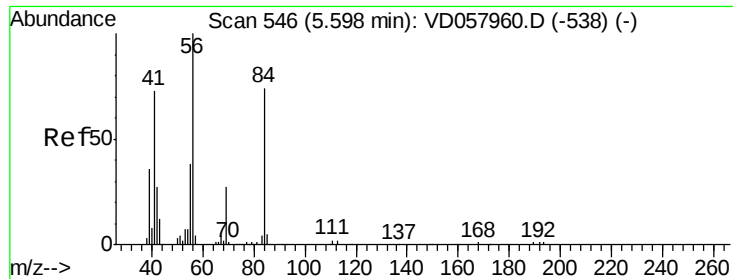
Ion Ratio Lower Upper

42 100

72 48.5 28.5 42.7#

71 11.7 27.9 41.9#

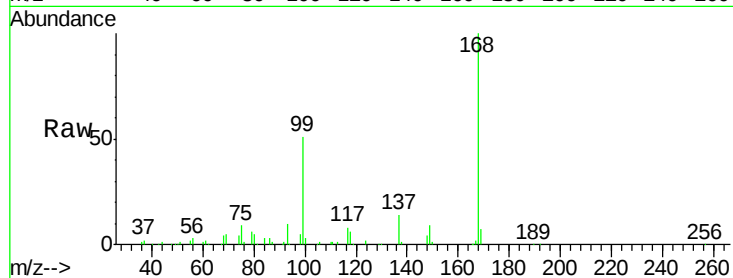




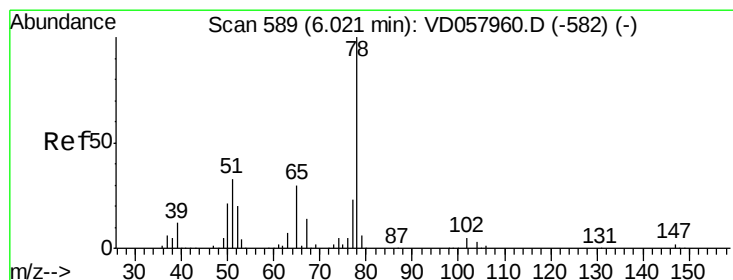
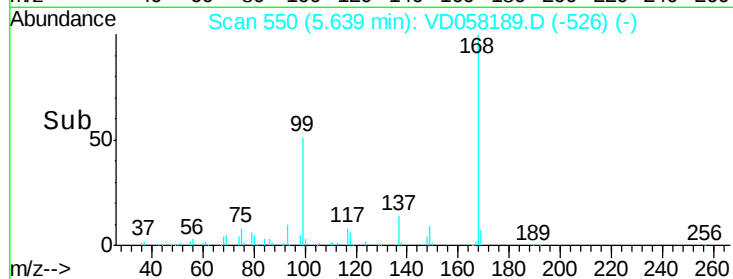
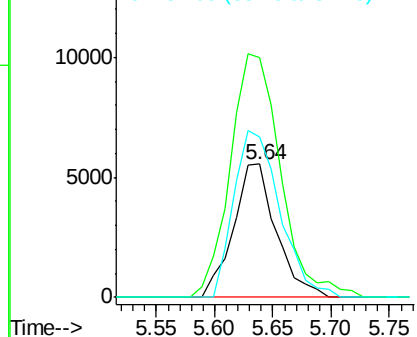
#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.04 min
Lab File: VD058189.D
Acq: 18 Jun 2018 19:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 14202
Ion Ratio Lower Upper
56 100
69 179.6 21.5 32.3#
84 120.7 61.0 91.6#

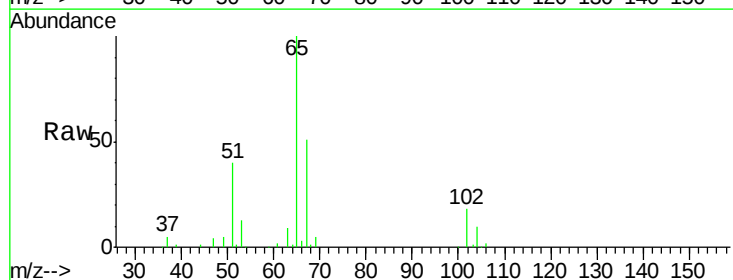


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

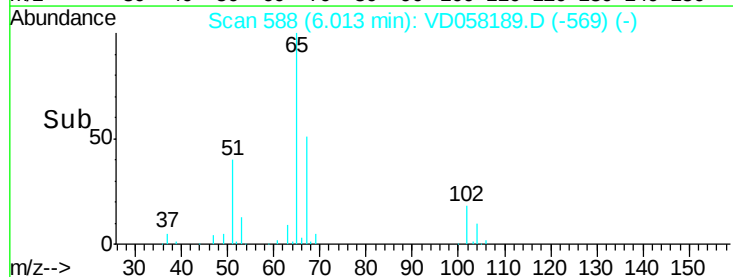
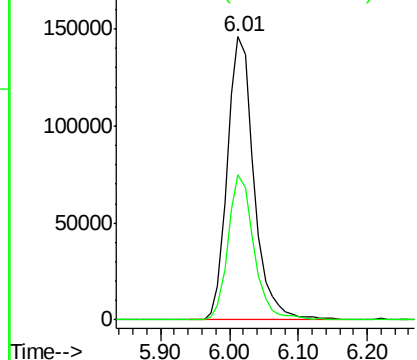


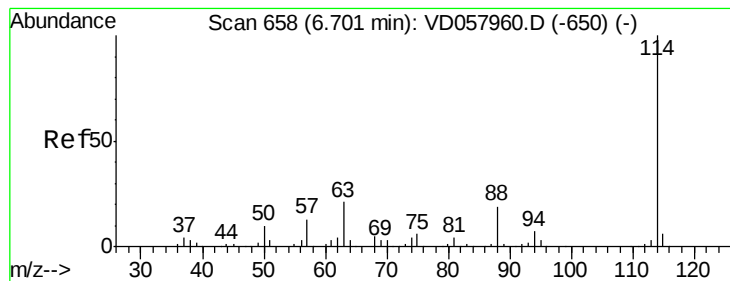
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058189.D
Acq: 18 Jun 2018 19:02

Tgt Ion: 65 Resp: 391972
Ion Ratio Lower Upper
65 100
67 51.3 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# 657

Delta R.T. -0.01 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_D

ClientSampleId :

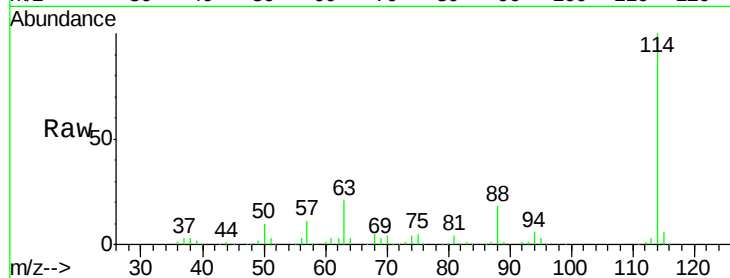
Tot Ion:114 Resp: 877647

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

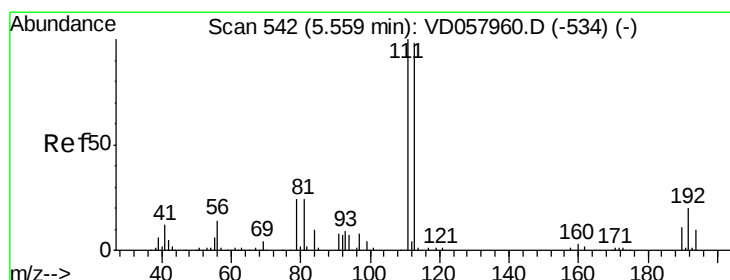
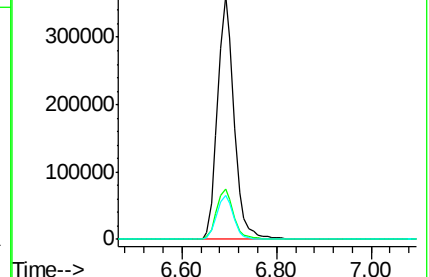
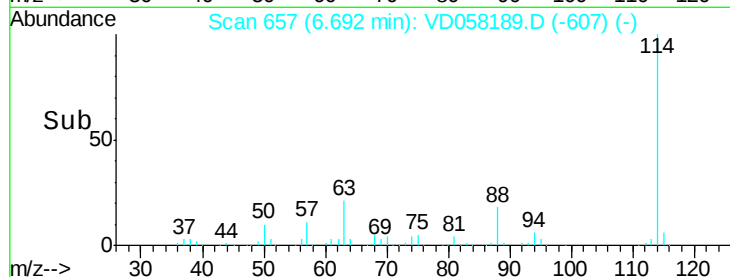
88 18.1 0.0 37.8



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: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

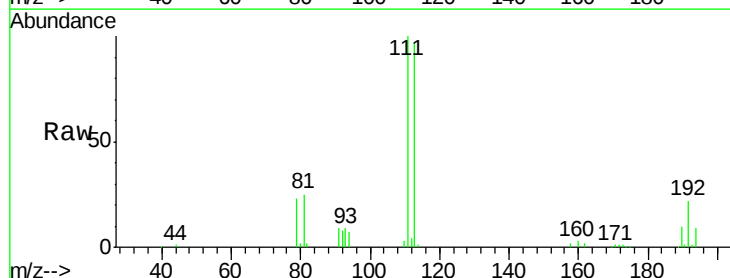
Tgt Ion:113 Resp: 369405

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

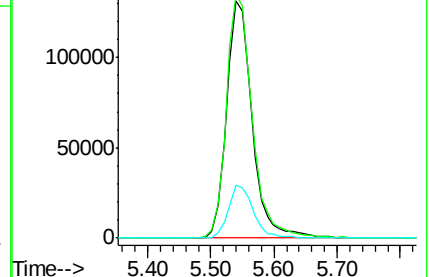
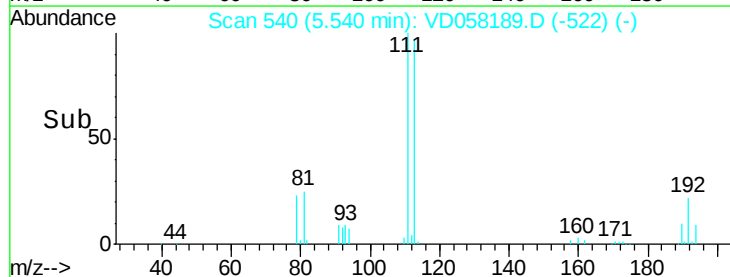
192 22.2 16.4 24.6

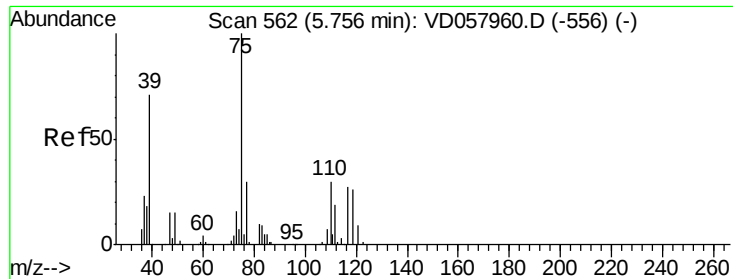


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.297 ug/l

RT: 5.64 min Scan# 550

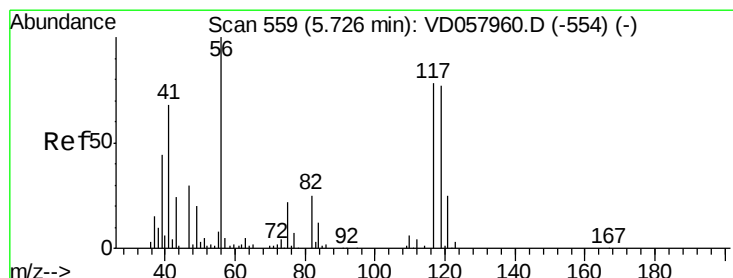
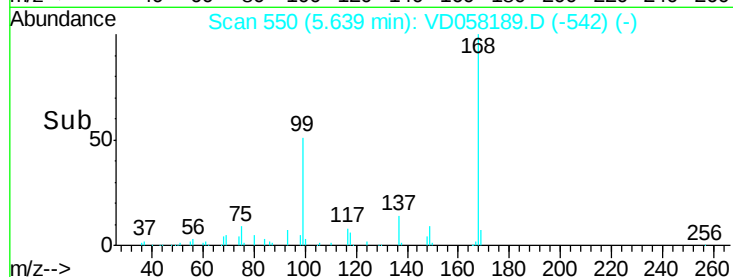
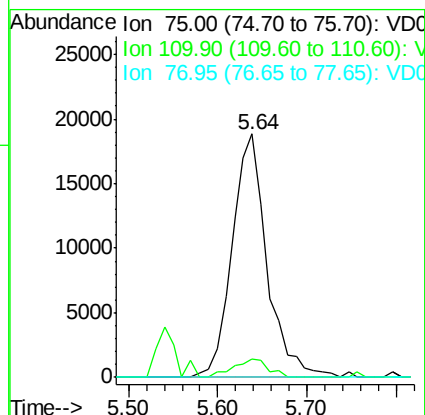
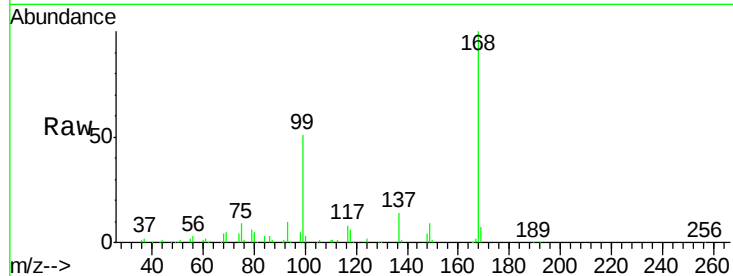
Delta R.T. -0.12 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	75	Resp:	51218
Ion	Ratio	Lower	Upper
75	100		
110	7.5	14.8	44.3#
77	0.0	23.9	35.9#



#38

Carbon Tetrachloride

Concen: 5.481 ug/l

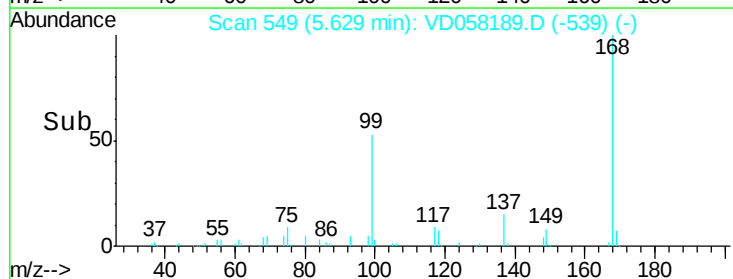
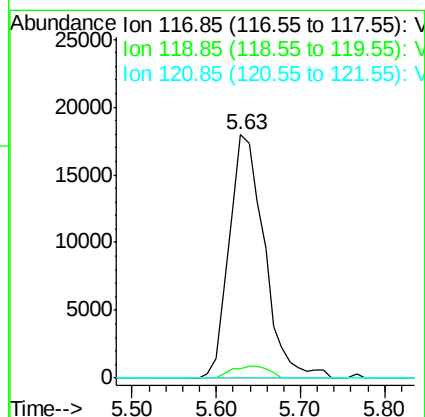
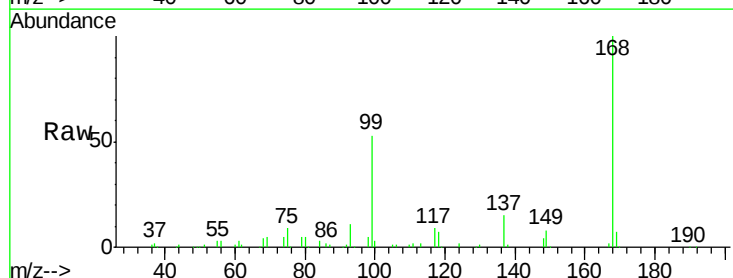
RT: 5.63 min Scan# 549

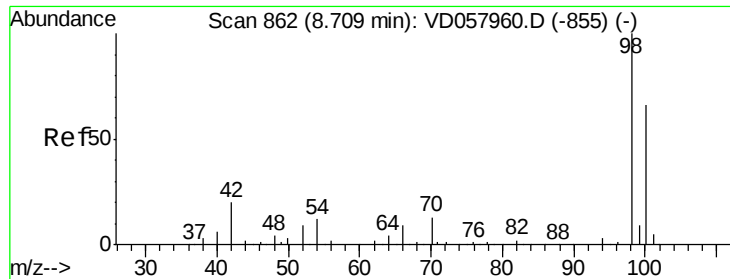
Delta R.T. -0.10 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Tgt Ion:	117	Resp:	52227
Ion	Ratio	Lower	Upper
117	100		
119	3.6	76.1	114.1#
121	0.0	24.9	37.3#

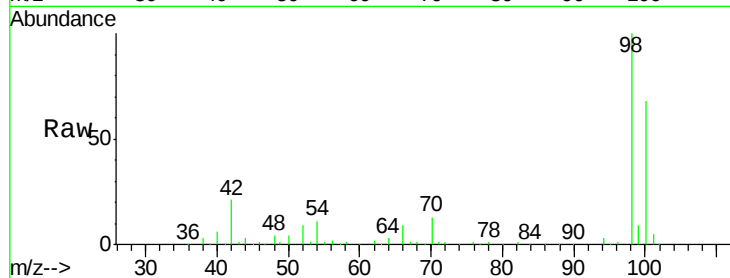




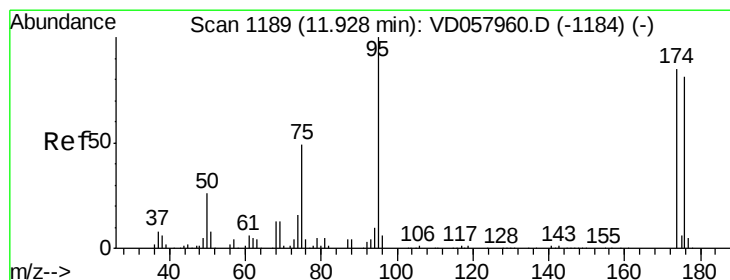
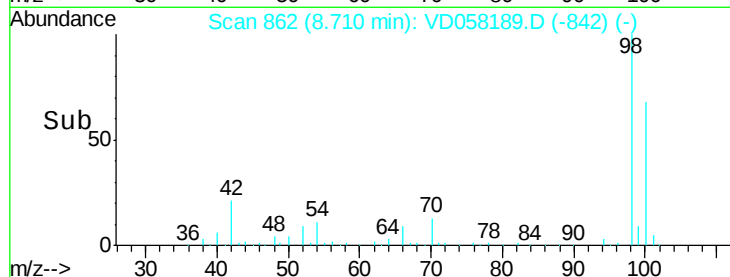
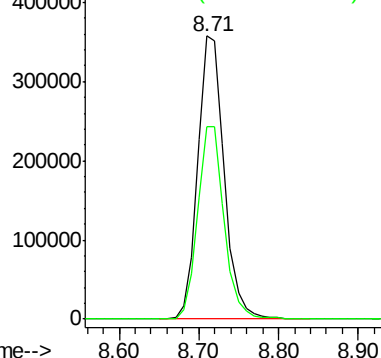
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058189.D
Acq: 18 Jun 2018 19:02

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 832983
Ion Ratio Lower Upper
98 100
100 68.2 53.4 80.0

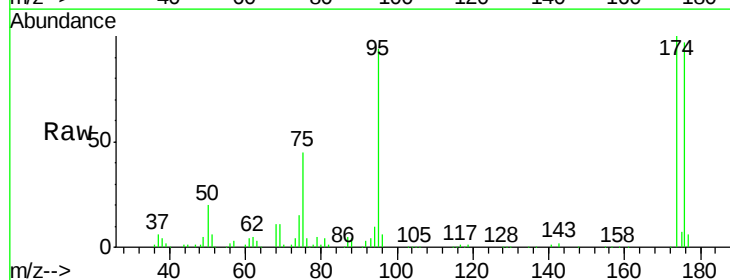


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

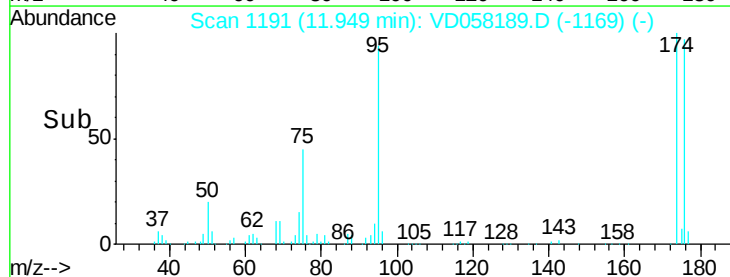
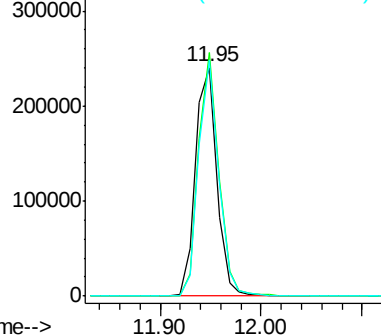


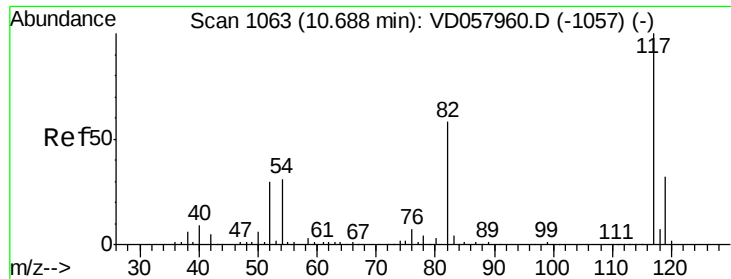
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.95 min Scan# 1191
Delta R.T. 0.02 min
Lab File: VD058189.D
Acq: 18 Jun 2018 19:02

Tgt Ion: 95 Resp: 356295
Ion Ratio Lower Upper
95 100
174 106.6 0.0 169.4
176 103.5 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) (-)

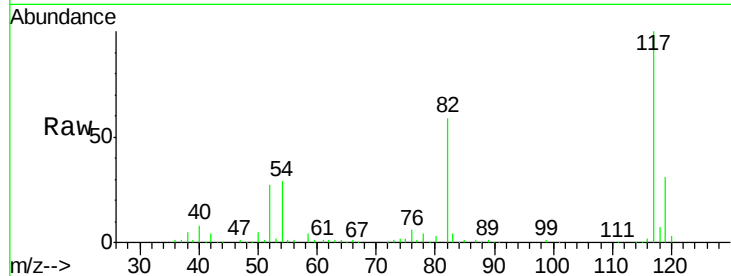




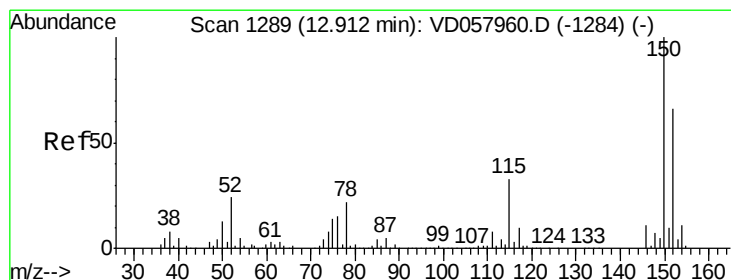
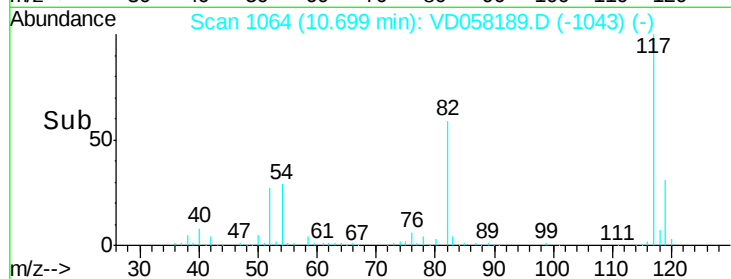
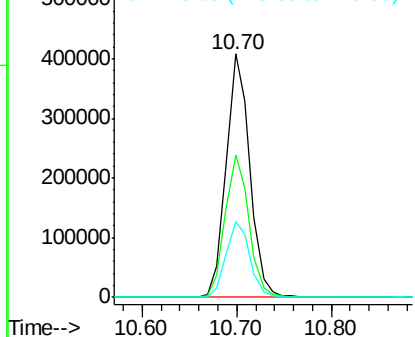
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058189.D
Acq: 18 Jun 2018 19:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 704940
Ion Ratio Lower Upper
117 100
82 58.7 46.8 70.2
119 31.3 25.8 38.6

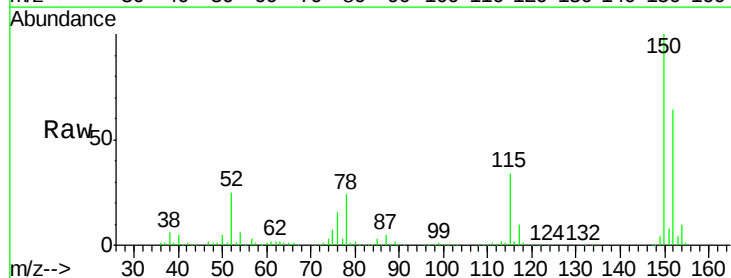


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

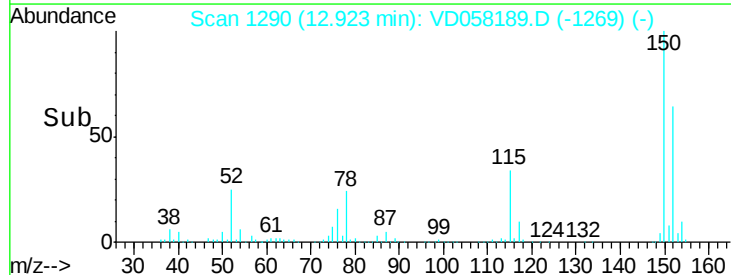
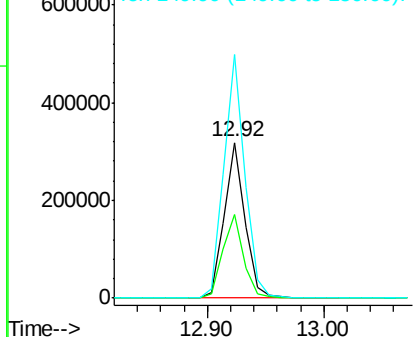


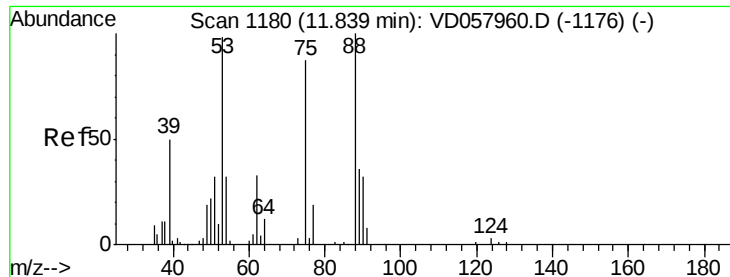
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.92 min Scan# 1290
Delta R.T. 0.01 min
Lab File: VD058189.D
Acq: 18 Jun 2018 19:02

Tgt Ion:152 Resp: 391998
Ion Ratio Lower Upper
152 100
115 53.4 25.6 76.6
150 156.3 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: 120.923 ug/l

RT: 11.95 min Scan# 1191

Delta R.T. 0.11 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_D

ClientSampleId :

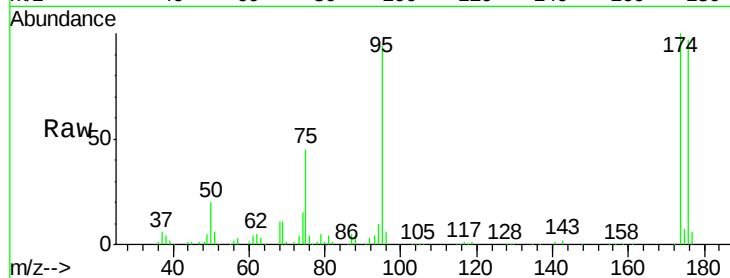
Tot Ion: 75 Resp: 176362

Ion Ratio Lower Upper

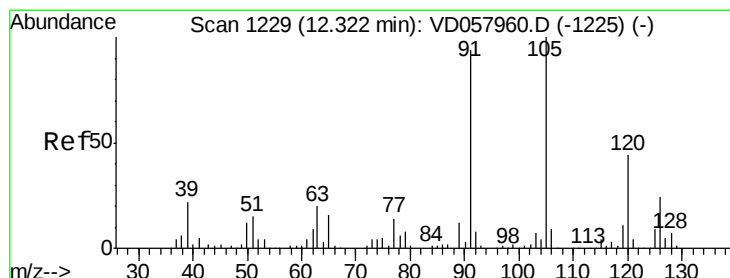
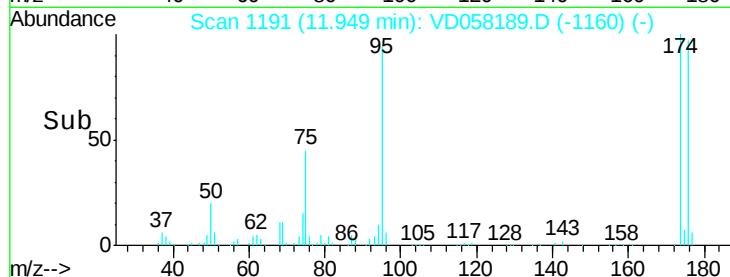
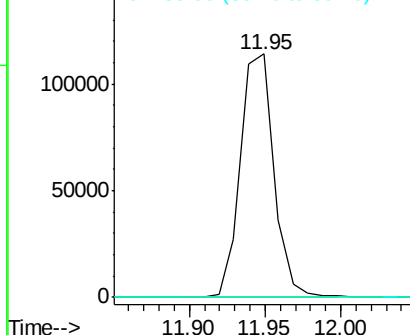
75 100

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: 12.18 min Scan# 1214

Delta R.T. -0.15 min

Lab File: VD058189.D

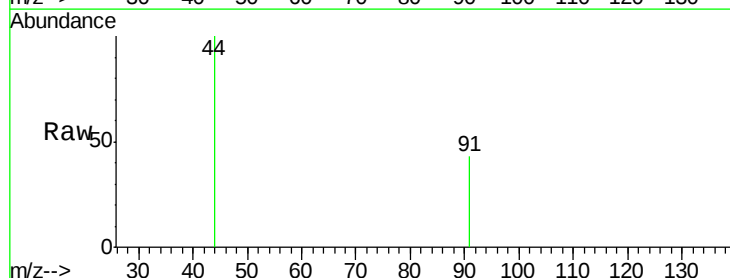
Acq: 18 Jun 2018 19:02

Tgt Ion: 91 Resp: 195

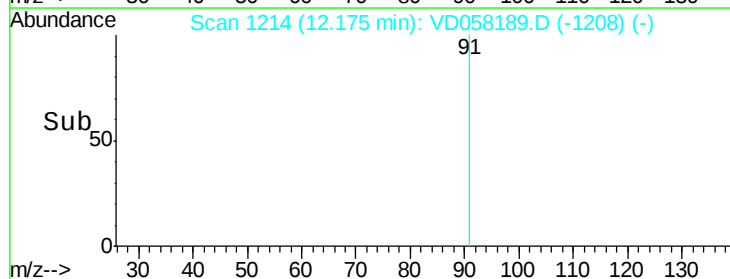
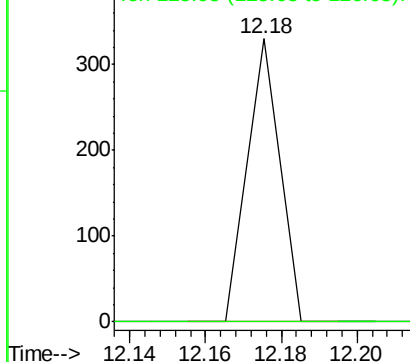
Ion Ratio Lower Upper

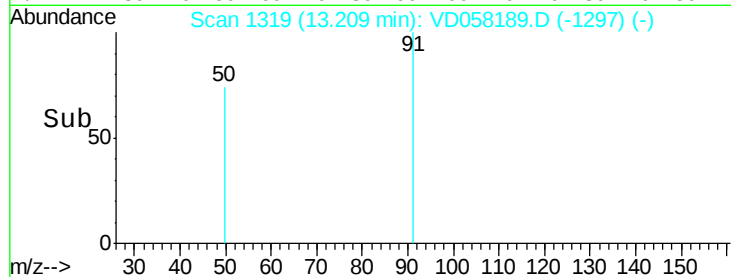
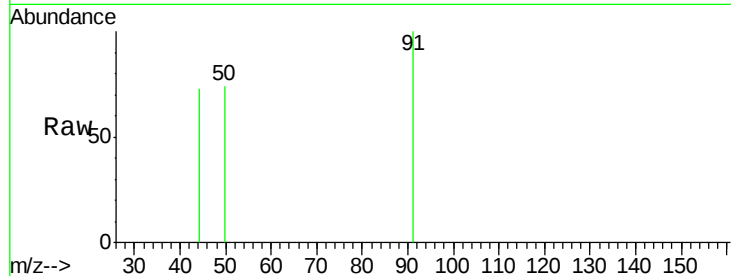
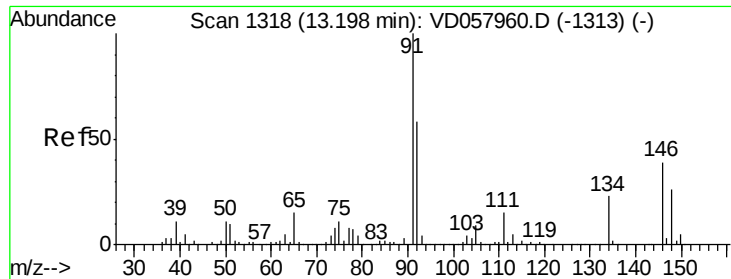
91 100

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: 13.21 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 91 Resp: 242

Ion Ratio Lower Upper

91 100

92 0.0 29.2 87.6#

134 0.0 11.3 33.9#

