

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059448.D
 Acq On : 27 Jun 2018 16:55
 Operator : VA/AP
 Sample : J3629-13
 Misc : 5.69g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 02:58:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	11149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	17382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	13406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	5977	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	9719	85.24	ug/l	0.00
Spiked Amount			Recovery	=	170.48%	
35) Dibromofluoromethane	5.56	113	5107	36.07	ug/l	0.00
Spiked Amount			Recovery	=	72.14%	
50) Toluene-d8	8.71	98	11671	35.26	ug/l	0.00
Spiked Amount			Recovery	=	70.52%	
62) 4-Bromofluorobenzene	11.93	95	5091	36.98	ug/l	0.00
Spiked Amount			Recovery	=	73.96%	

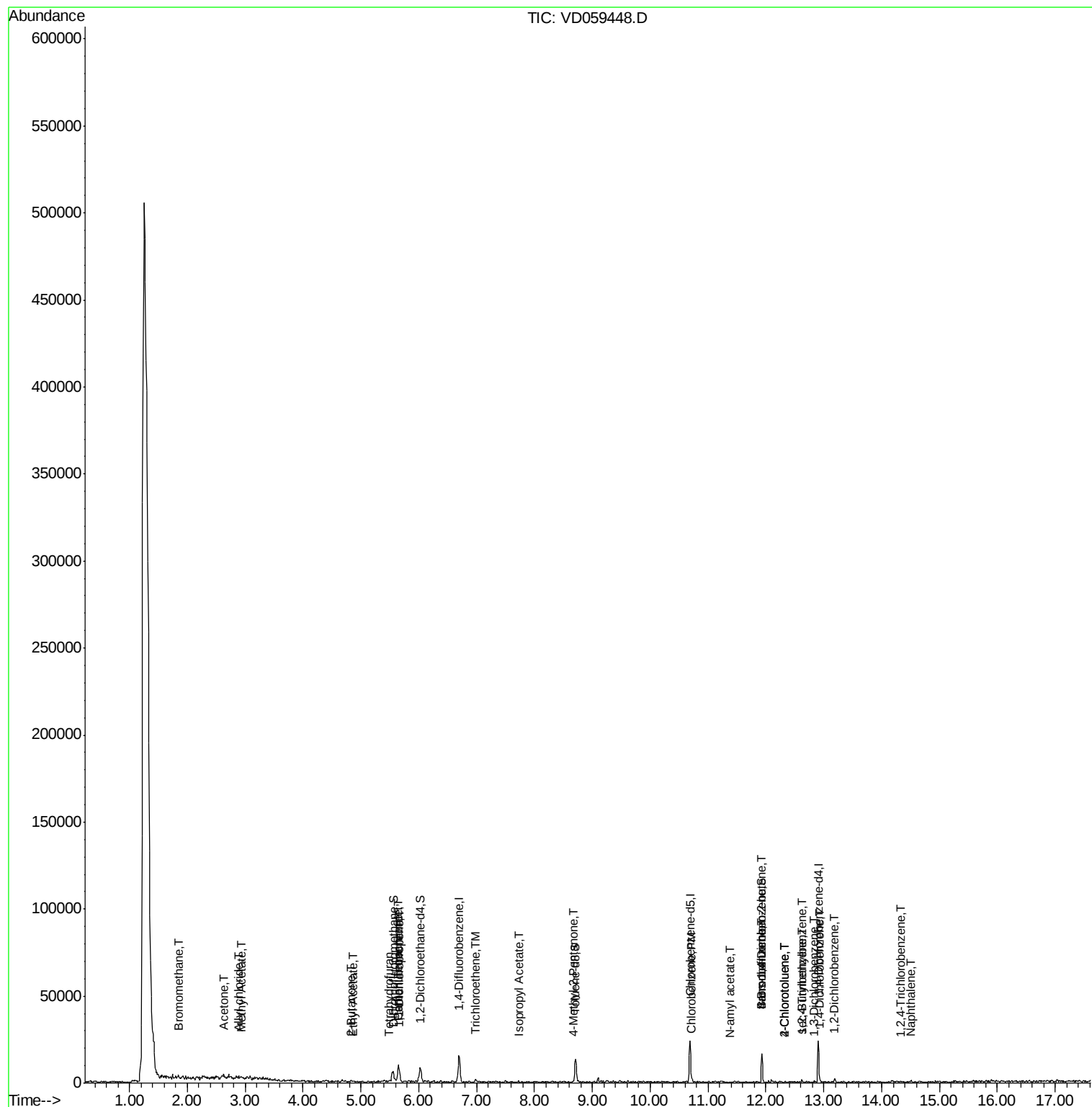
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.85	94	185	7.377	ug/l #	4
14) Allyl chloride	2.89	41	184	2.188	ug/l #	11
16) Acetone	2.62	43	2978	206.955	ug/l #	55
18) Methyl Acetate	2.94	43	181	1.091	ug/l #	66
25) 2-Butanone	4.83	43	178	5.905	ug/l #	57
29) Tetrahydrofuran	5.50	42	191	11.584	ug/l #	37
36) 1,1-Dichloropropene	5.68	75	958	6.076	ug/l #	44
37) Ethyl Acetate	4.86	43	209	2.177	ug/l #	69
38) Carbon Tetrachloride	5.64	117	380	2.337	ug/l #	12
43) Isopropyl Acetate	7.72	43	217	1.799	ug/l #	46
44) Trichloroethene	6.98	130	1022	8.249	ug/l	76
51) 4-Methyl-2-Pentanone	8.66	43	185	2.302	ug/l #	42
65) Chlorobenzene	10.73	112	352	1.436	ug/l #	44
74) N-amyl acetate	11.40	43	178	1.387	ug/l #	53
77) Bromobenzene	11.92	156	178	1.677	ug/l #	1
79) 2-Chlorotoluene	12.32	91	339	1.351	ug/l #	44
81) trans-1,4-Dichloro-2-buten	11.93	75	2562	136.723	ug/l #	1
82) 4-Chlorotoluene	12.32	91	339	1.192	ug/l #	51
84) 1,2,4-Trimethylbenzene	12.62	105	631	2.221	ug/l #	33
85) sec-Butylbenzene	12.62	105	631	1.800	ug/l #	62
87) 1,3-Dichlorobenzene	12.83	146	260	1.489	ug/l #	25
88) 1,4-Dichlorobenzene	12.93	146	479	2.779	ug/l #	72
91) 1,2-Dichlorobenzene	13.19	146	1351	9.124	ug/l	92
93) 1,2,4-Trichlorobenzene	14.32	180	221	1.614	ug/l #	9
95) Naphthalene	14.52	128	1096	5.744	ug/l #	71

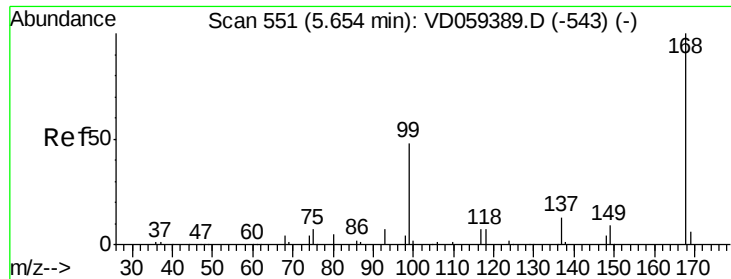
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062718\
Data File : VD059448.D
Acq On : 27 Jun 2018 16:55
Operator : VA/AP
Sample : J3629-13
Misc : 5.69g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 28 02:58:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

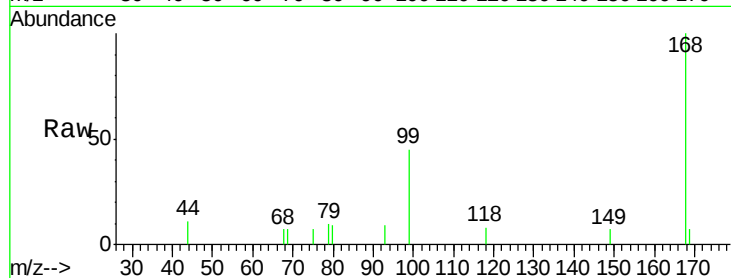
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 11149

Ion Ratio Lower Upper

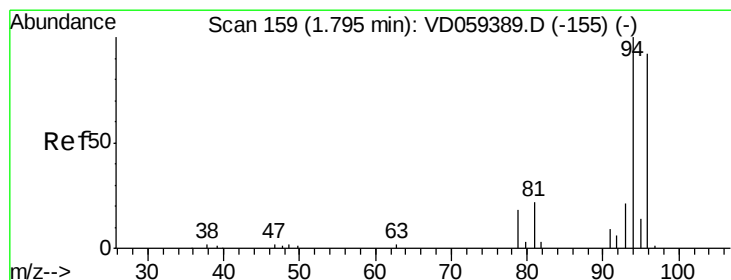
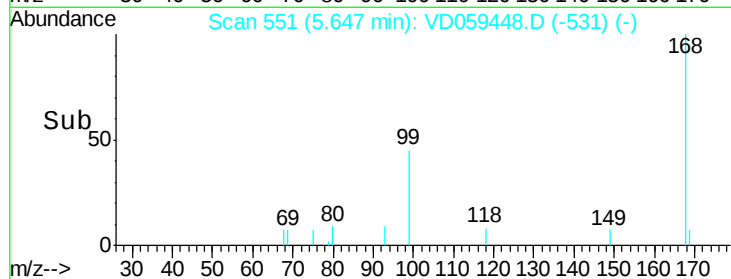
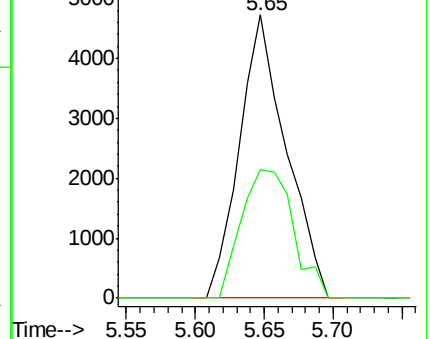
168 100

99 45.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 7.377 ug/l

RT: 1.85 min Scan# 165

Delta R.T. 0.05 min

Lab File: VD059448.D

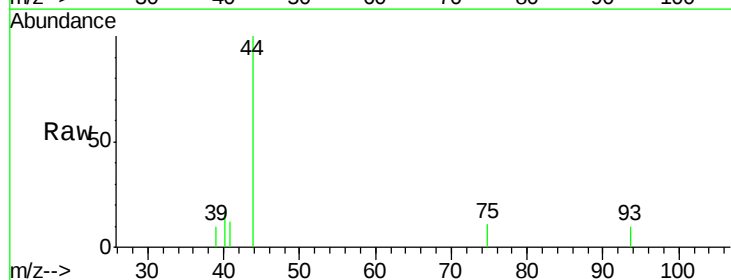
Acq: 27 Jun 2018 16:55

Tgt Ion: 94 Resp: 185

Ion Ratio Lower Upper

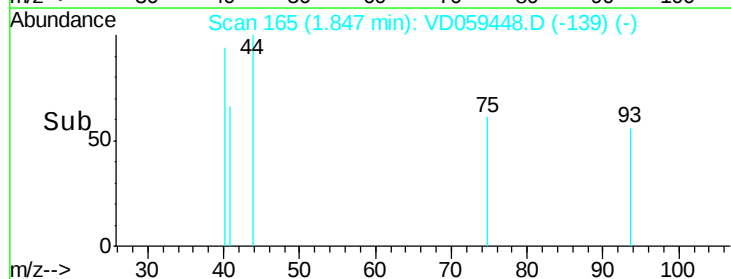
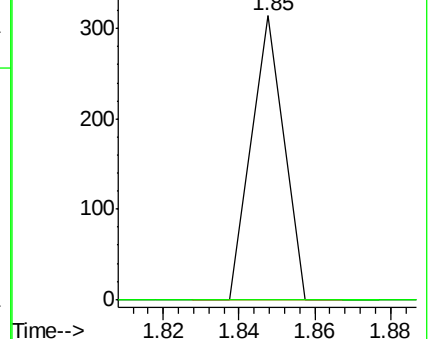
94 100

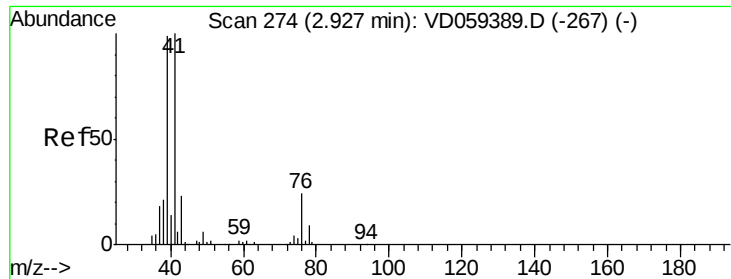
96 0.0 73.4 110.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

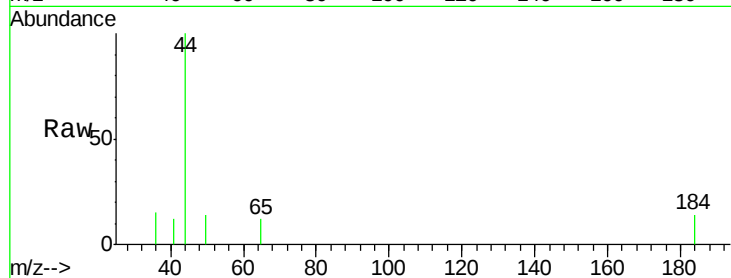




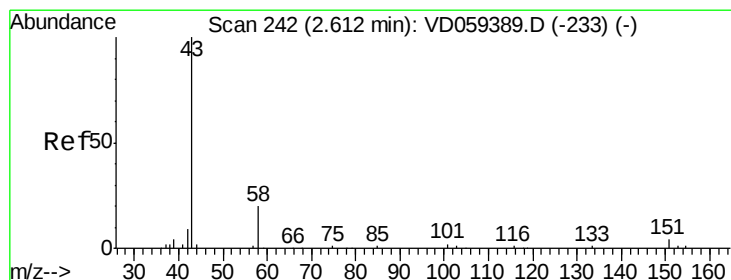
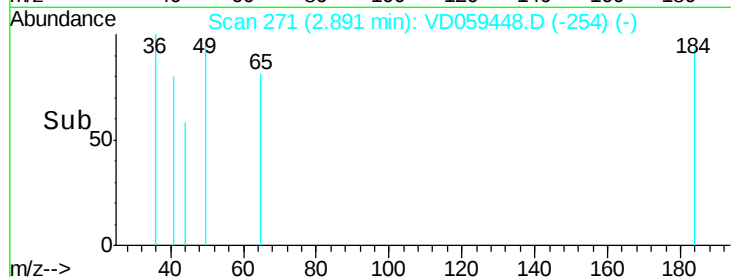
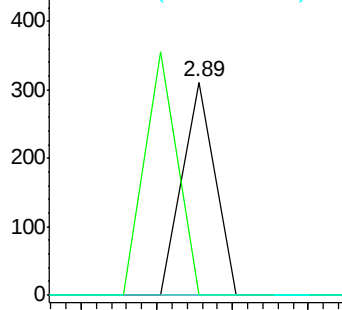
#14
Allvl chloride
Concen: 2.188 ug/l
RT: 2.89 min Scan# 271
Delta R.T. -0.04 min
Lab File: VD059448.D
Acq: 27 Jun 2018 16:55

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 184
Ion Ratio Lower Upper
41 100
39 0.0 79.1 118.7#
76 0.0 21.9 32.9#

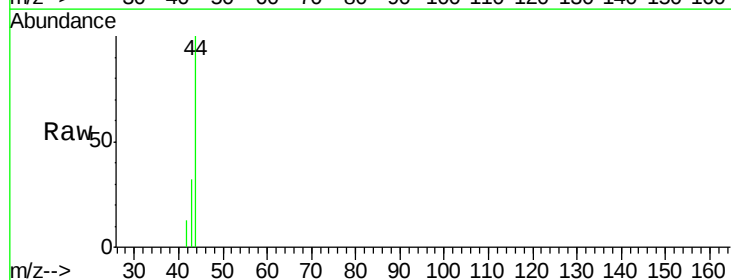


Abundance Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 75.95 (75.65 to 76.65): VDC

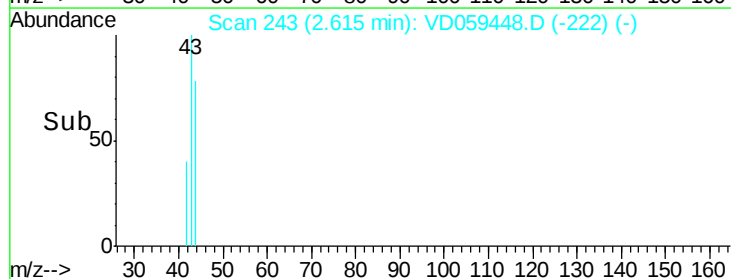
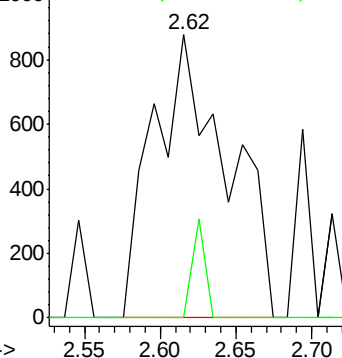


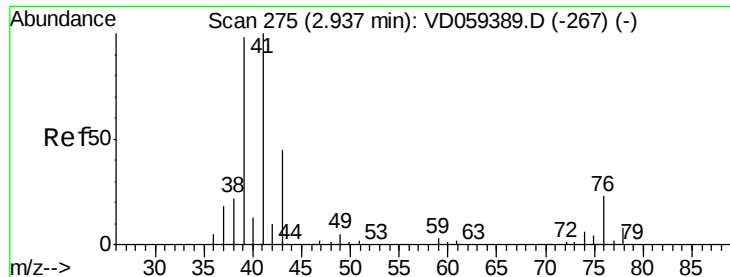
#16
Acetone
Concen: 206.955 ug/l
RT: 2.62 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD059448.D
Acq: 27 Jun 2018 16:55

Tgt Ion: 43 Resp: 2978
Ion Ratio Lower Upper
43 100
58 0.0 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

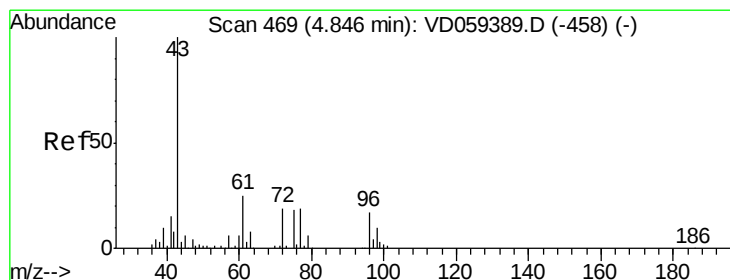
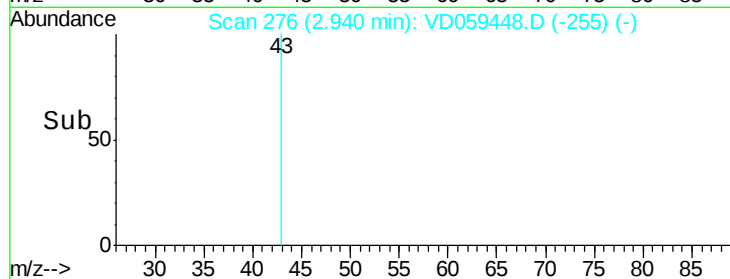
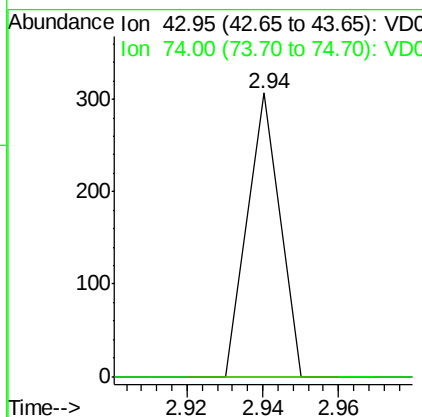
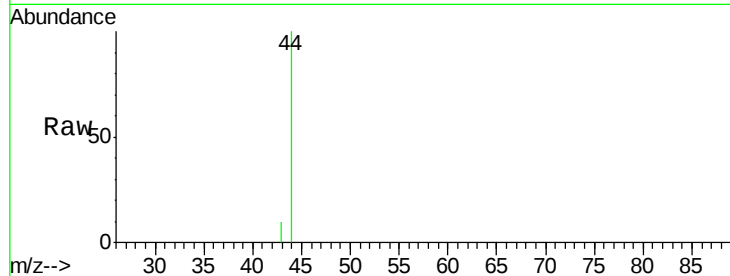




#18
Methyl Acetate
Concen: 1.091 ug/l
RT: 2.94 min Scan# 276
Delta R.T. 0.00 min
Lab File: VD059448.D
Acq: 27 Jun 2018 16:55

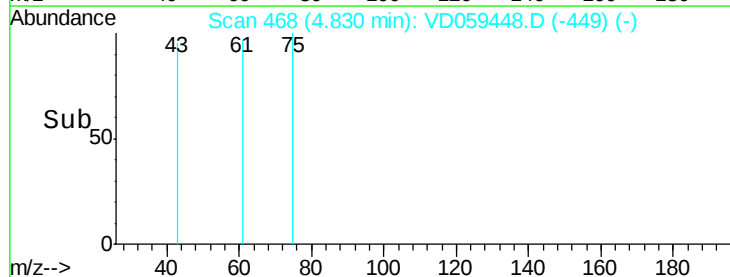
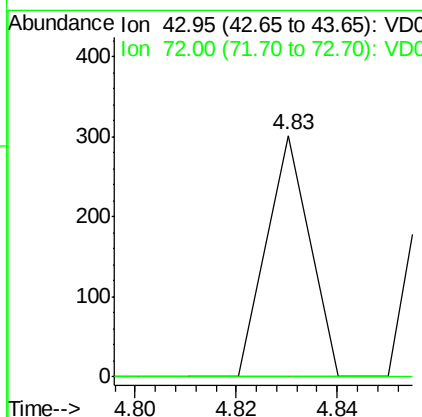
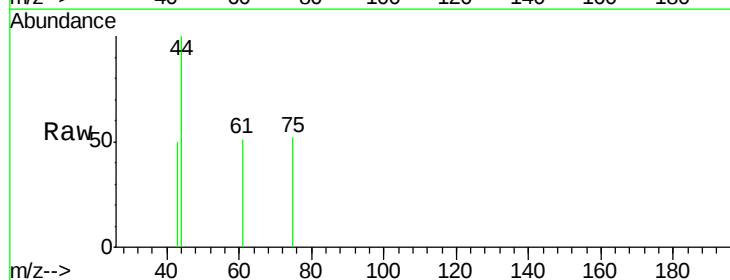
Instrument :
MSVOA_D
ClientSampled :

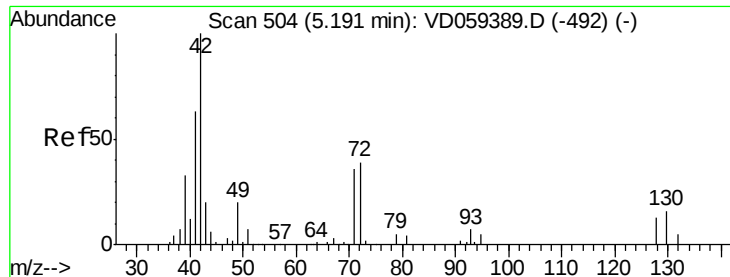
Tot Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
74 0.0 11.0 16.4#



#25
2-Butanone
Concen: 5.905 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.02 min
Lab File: VD059448.D
Acq: 27 Jun 2018 16:55

Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
72 0.0 15.4 23.2#





#29

Tetrahydrofuran

Concen: 11.584 ug/l

RT: 5.50 min Scan# 536

Delta R.T. 0.31 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

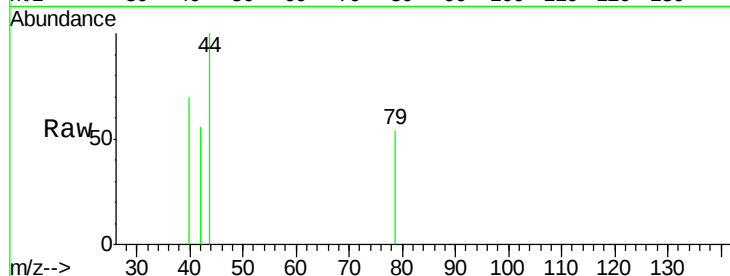
Tot Ion: 42 Resp: 191

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.2#

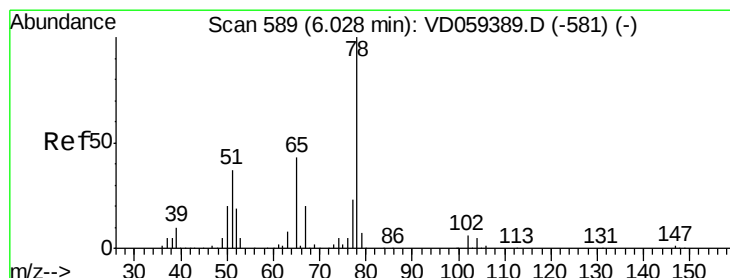
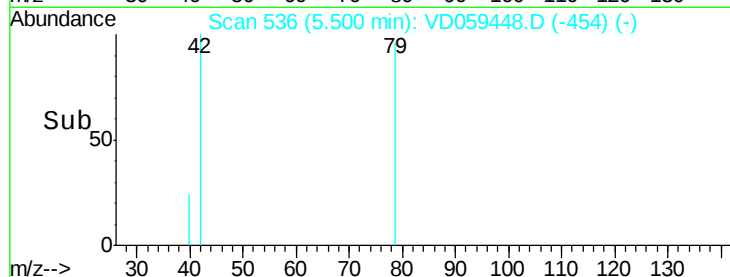
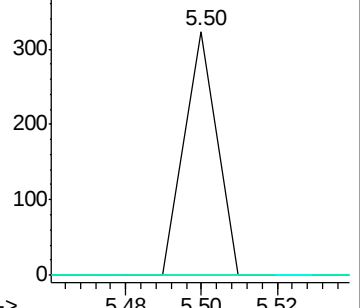
71 0.0 29.7 44.5#



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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.03 min Scan# 590

Delta R.T. 0.00 min

Lab File: VD059448.D

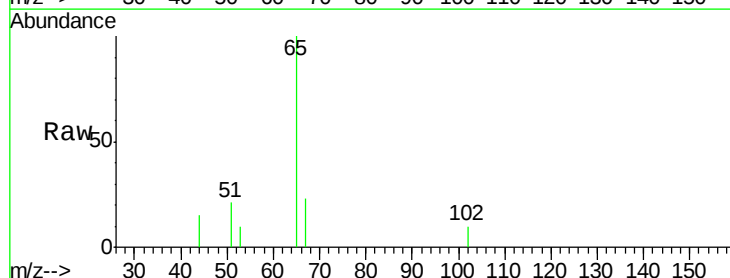
Acq: 27 Jun 2018 16:55

Tgt Ion: 65 Resp: 9719

Ion Ratio Lower Upper

65 100

67 23.1 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

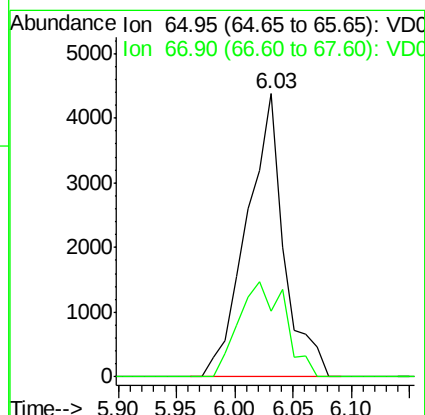
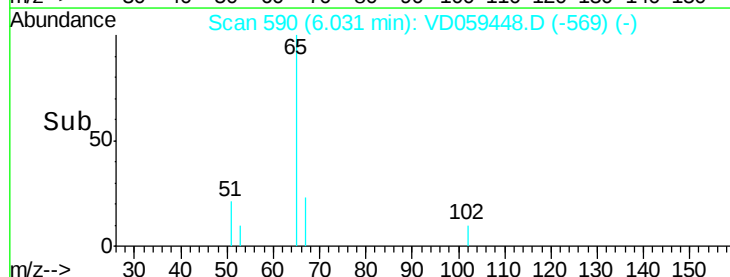
Ion 66.90 (66.60 to 67.60): VDC

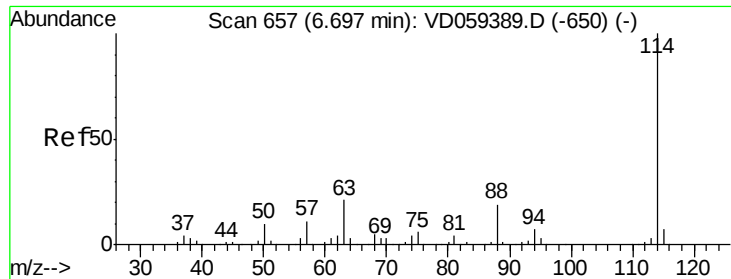
Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

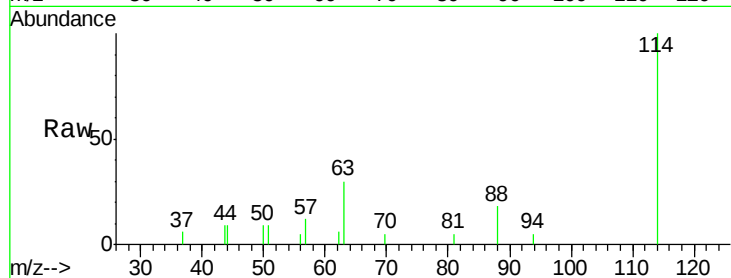




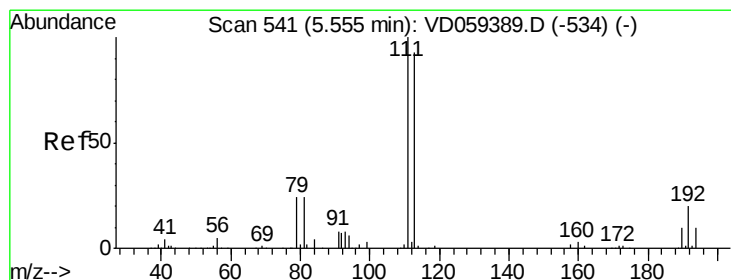
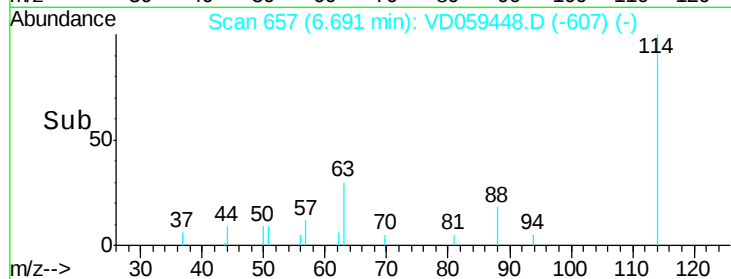
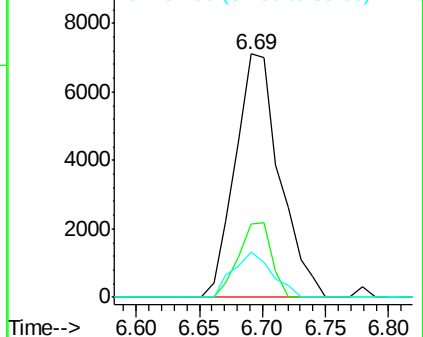
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD059448.D
Acq: 27 Jun 2018 16:55

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 17382
Ion Ratio Lower Upper
114 100
63 30.2 0.0 42.4
88 18.3 0.0 38.0

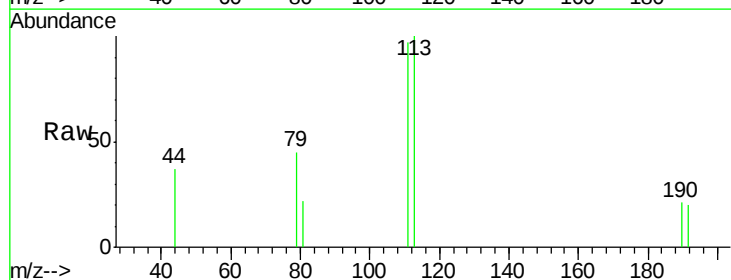


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

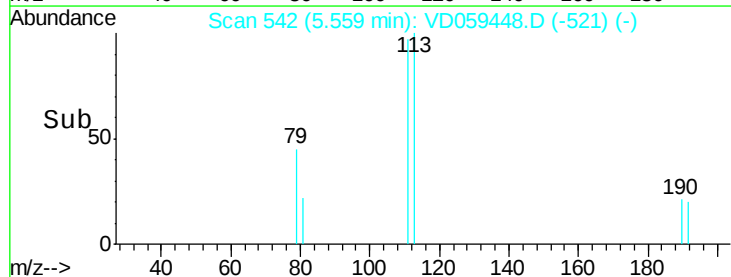
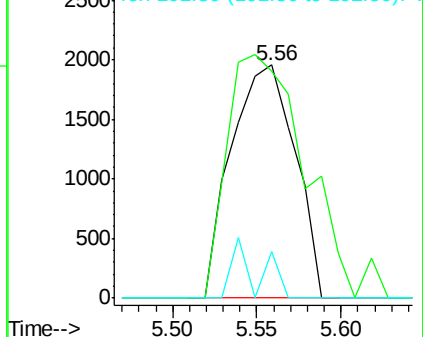


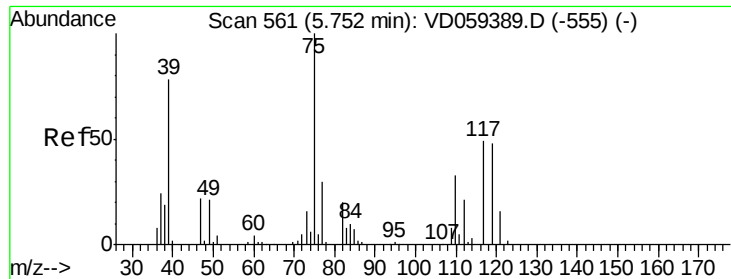
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.00 min
Lab File: VD059448.D
Acq: 27 Jun 2018 16:55

Tgt Ion:113 Resp: 5107
Ion Ratio Lower Upper
113 100
111 97.4 85.7 128.5
192 19.8 16.9 25.3



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: 6.076 ug/l

RT: 5.68 min Scan# 554

Delta R.T. -0.08 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

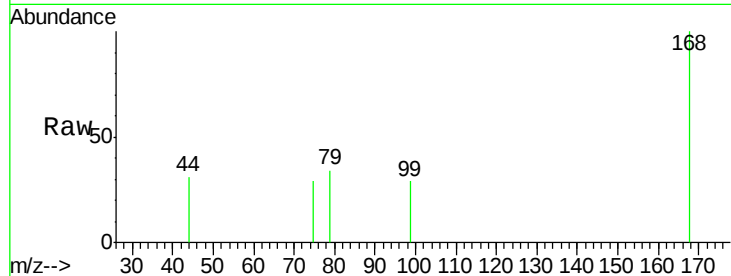
Tot Ion: 75 Resp: 958

Ion Ratio Lower Upper

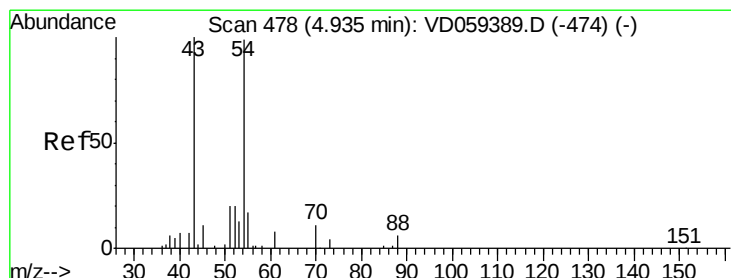
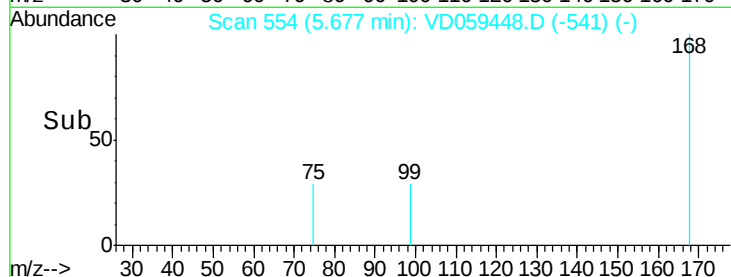
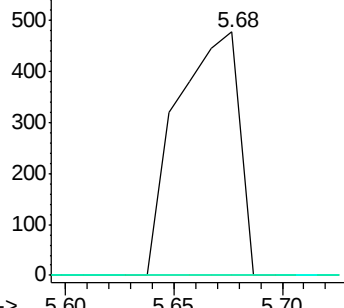
75 100

110 0.0 16.1 48.2#

77 0.0 23.4 35.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): VDC
Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 2.177 ug/l

RT: 4.86 min Scan# 471

Delta R.T. -0.08 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

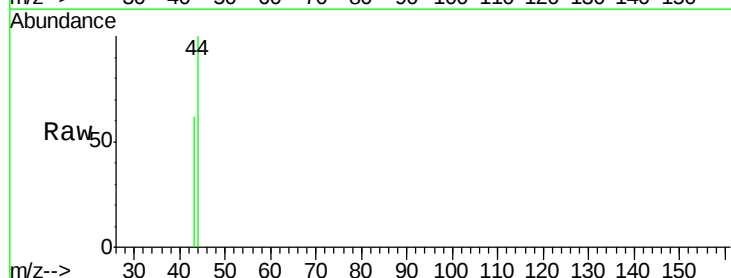
Tgt Ion: 43 Resp: 209

Ion Ratio Lower Upper

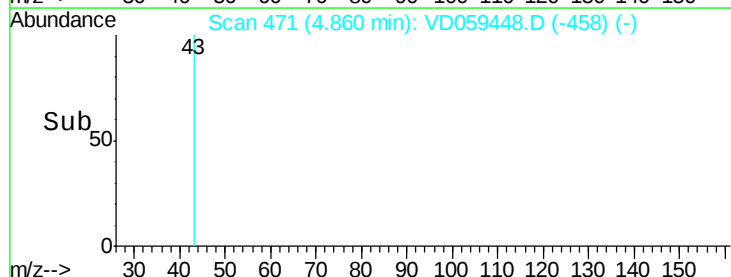
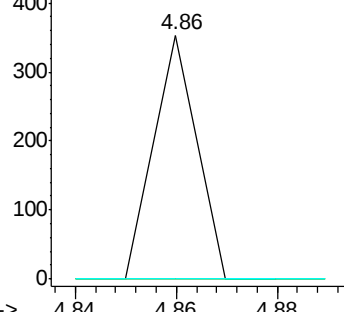
43 100

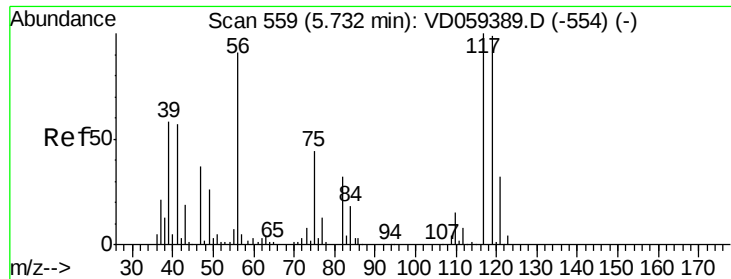
61 0.0 11.8 17.8#

70 0.0 6.1 9.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 2.337 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.09 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

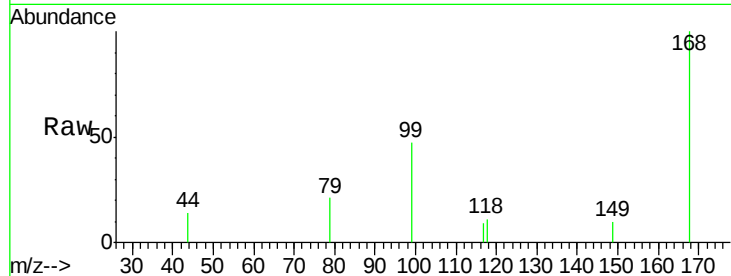
Tot Ion:117 Resp: 380

Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

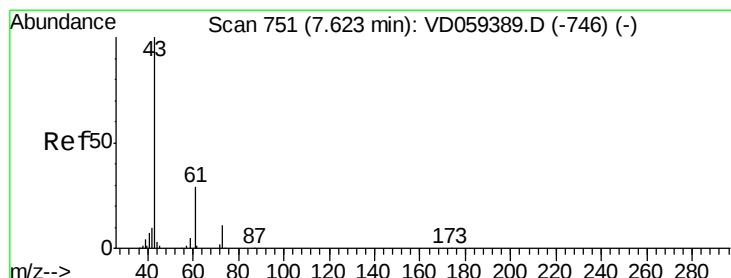
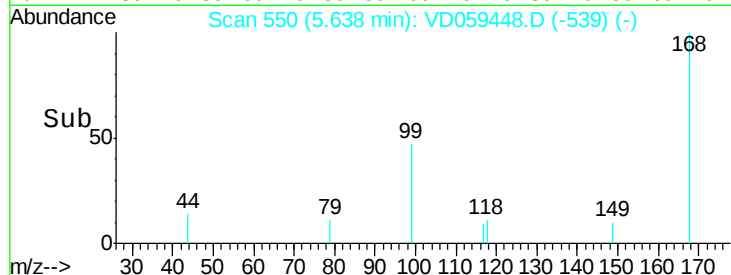
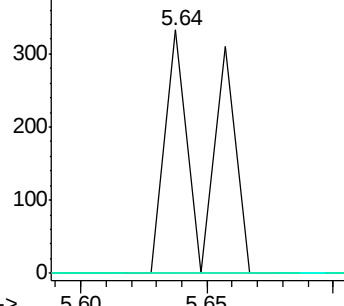
121 0.0 25.0 37.4#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#43

Isopropyl Acetate

Concen: 1.799 ug/l

RT: 7.72 min Scan# 762

Delta R.T. 0.10 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

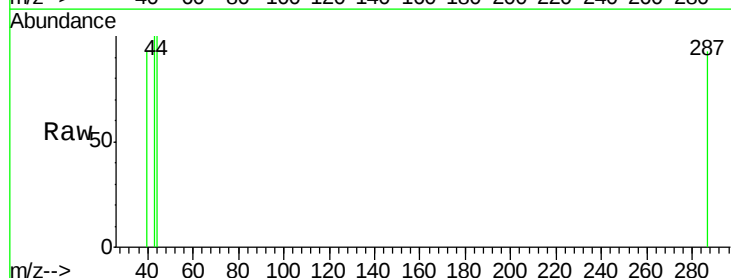
Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

61 0.0 23.1 34.7#

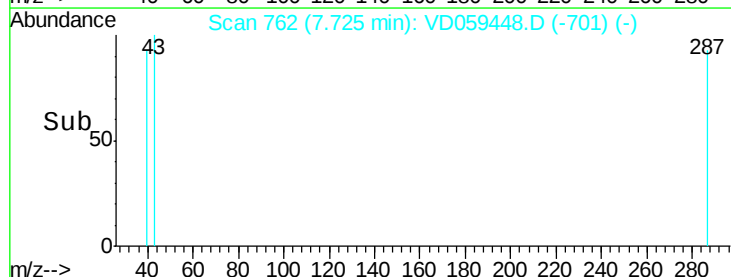
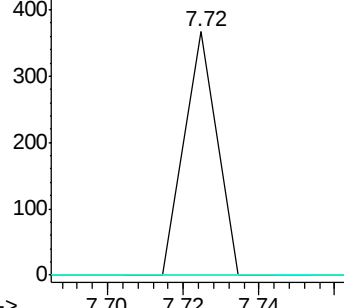
87 0.0 0.2 0.4#

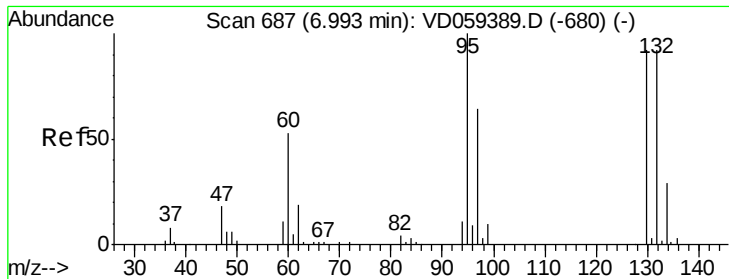


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC





#44

Trichloroethene

Concen: 8.249 ug/l

RT: 6.98 min Scan# 686

Delta R.T. -0.02 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Instrument :

MSVOA_D

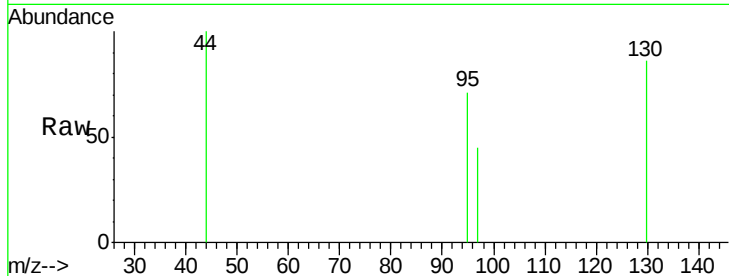
ClientSampleId :

Tot Ion:130 Resp: 1022

Ion Ratio Lower Upper

130 100

95 83.2 0.0 216.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

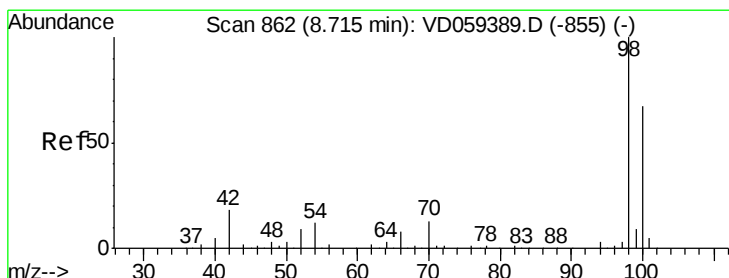
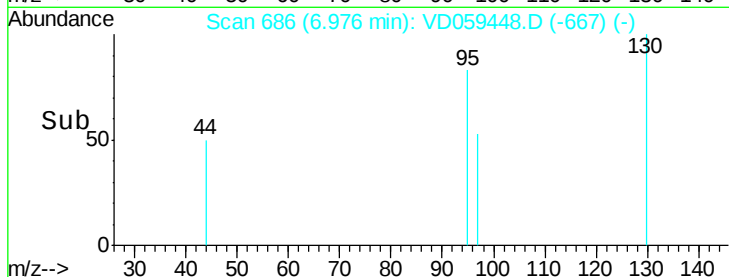
6.98

400

200

0

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. -0.01 min

Lab File: VD059448.D

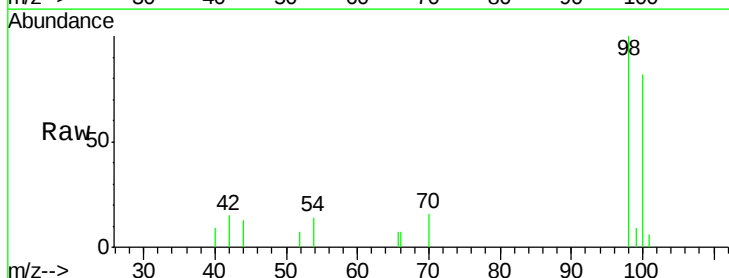
Acq: 27 Jun 2018 16:55

Tgt Ion: 98 Resp: 11671

Ion Ratio Lower Upper

98 100

100 82.5 54.4 81.6#



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.71

5000

4000

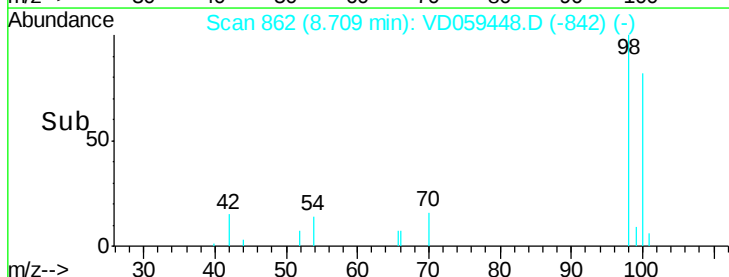
3000

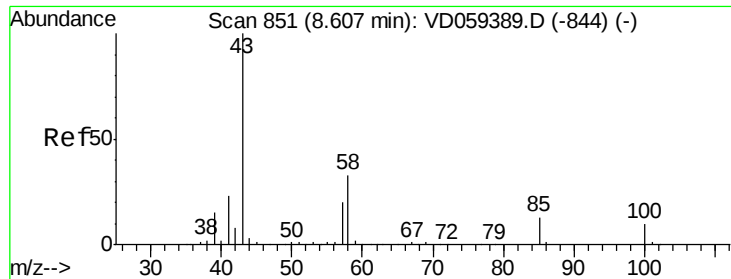
2000

1000

0

Time-->





#51

4-Methyl-2-Pentanone

Concen: 2.302 ug/l

RT: 8.66 min Scan# 857

Delta R.T. 0.05 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Instrument :

MSVOA_D

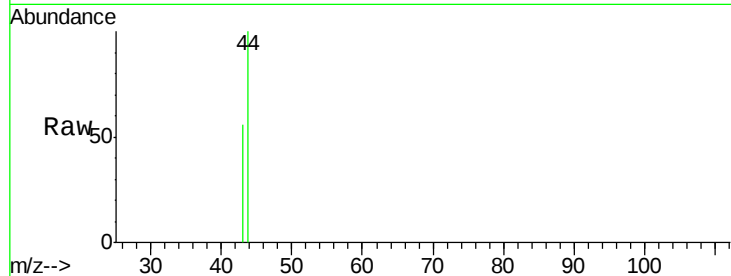
ClientSampleId :

Tot Ion: 43 Resp: 185

Ion Ratio Lower Upper

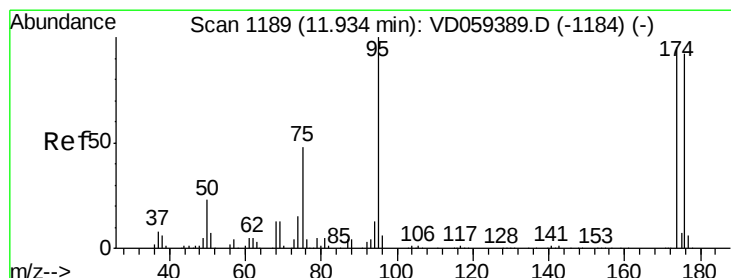
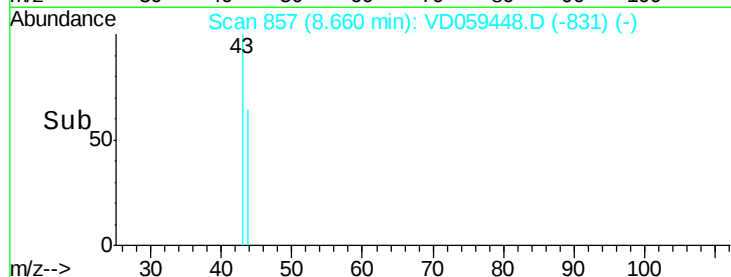
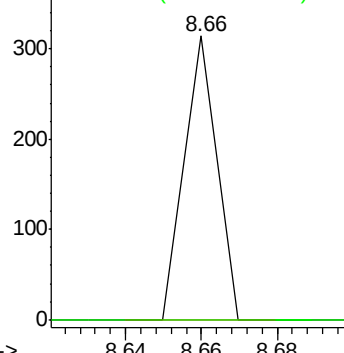
43 100

58 0.0 26.3 39.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

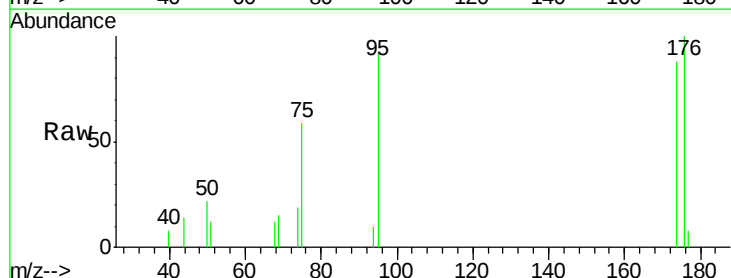
Tgt Ion: 95 Resp: 5091

Ion Ratio Lower Upper

95 100

174 96.1 0.0 190.4

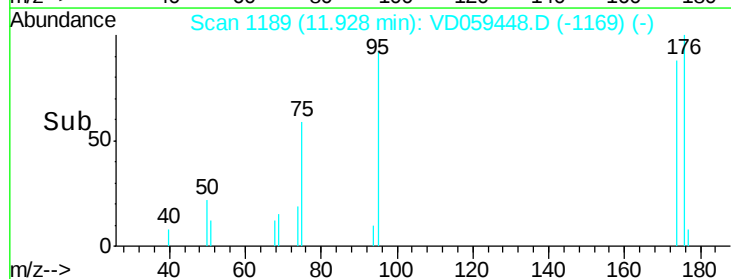
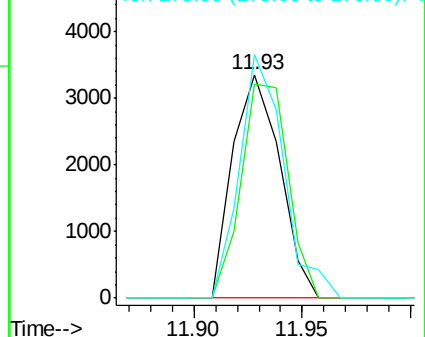
176 109.1 0.0 183.2

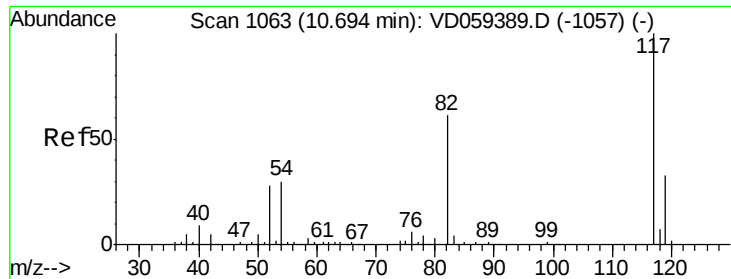


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

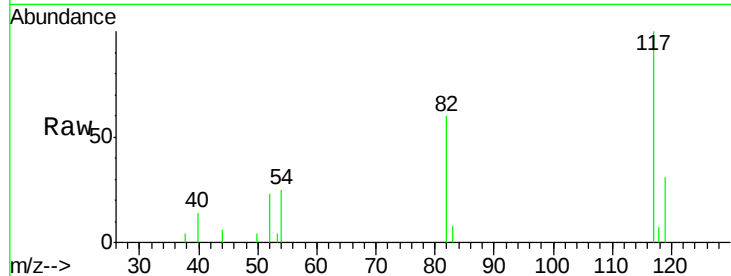




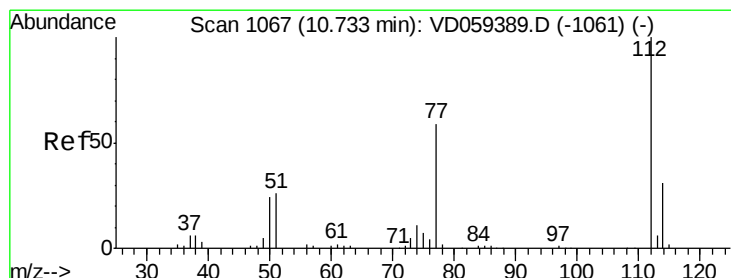
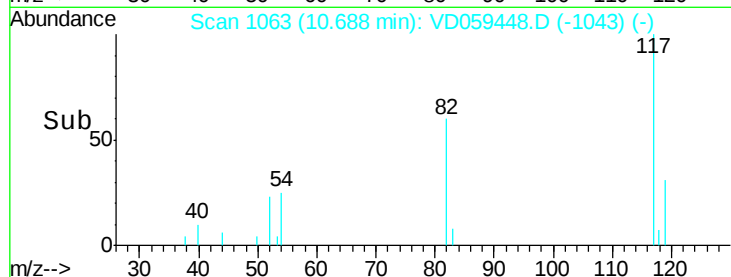
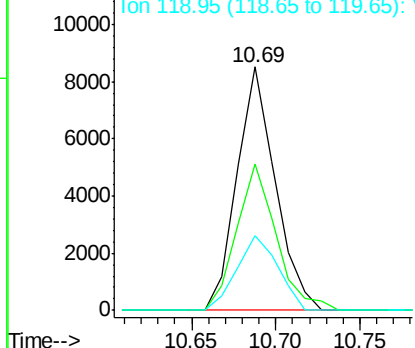
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059448.D
Acq: 27 Jun 2018 16:55

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 13406
Ion Ratio Lower Upper
117 100
82 60.2 49.0 73.6
119 30.5 26.2 39.4

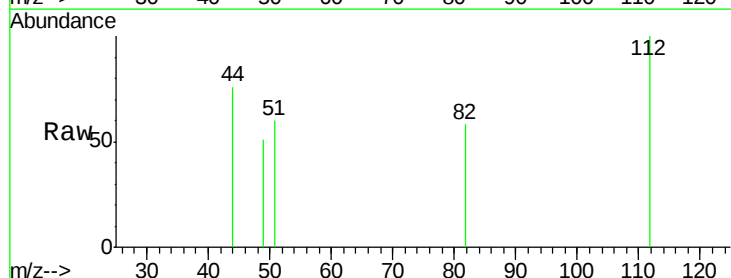


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

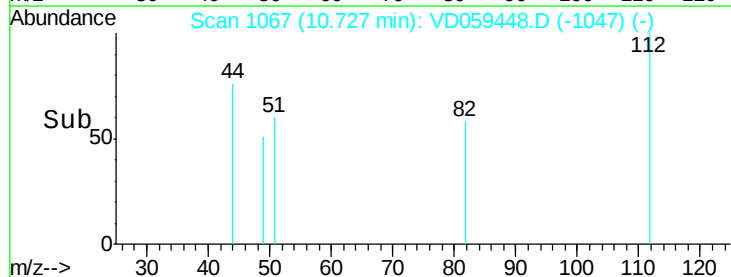
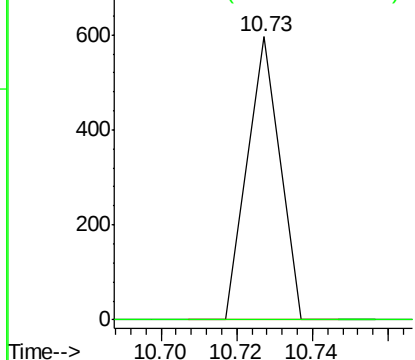


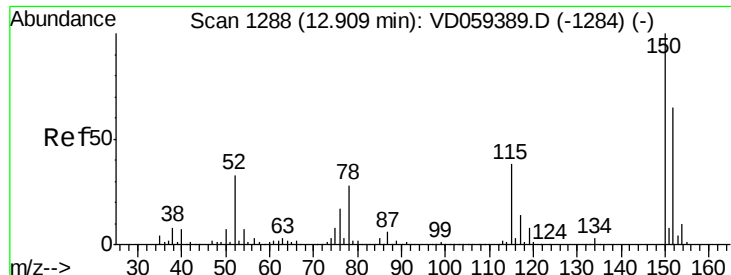
#65
Chlorobenzene
Concen: 1.436 ug/l
RT: 10.73 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VD059448.D
Acq: 27 Jun 2018 16:55

Tgt Ion:112 Resp: 352
Ion Ratio Lower Upper
112 100
114 0.0 24.6 37.0#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

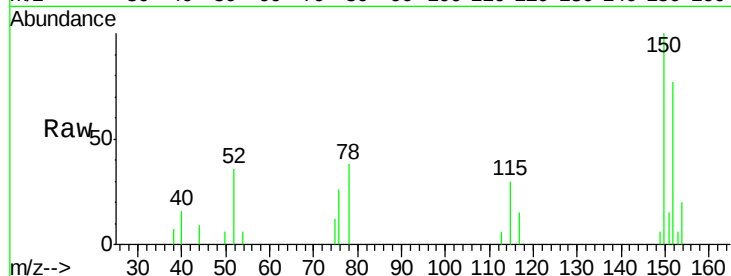
Tot Ion:152 Resp: 5977

Ion Ratio Lower Upper

152 100

115 39.3 29.4 88.3

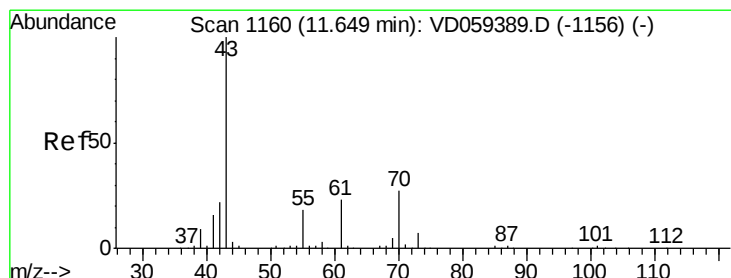
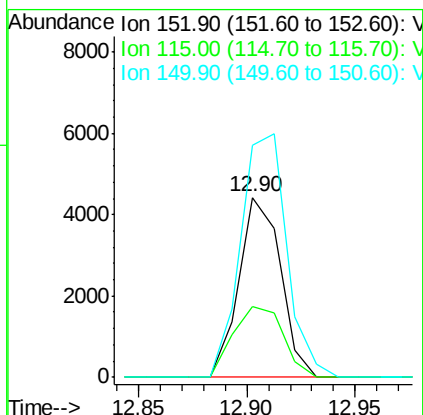
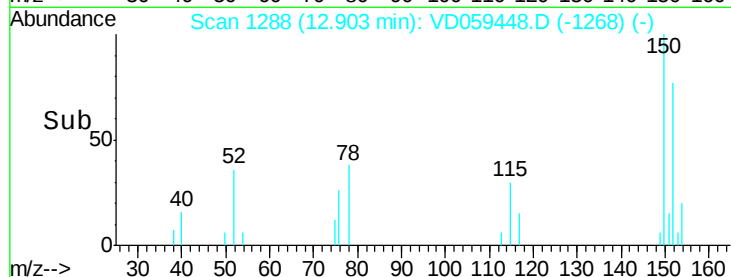
150 129.4 0.0 308.2



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



#74

N-ethyl acetate

Concen: 1.387 ug/l

RT: 11.40 min Scan# 1135

Delta R.T. -0.25 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Tgt Ion: 43 Resp: 178

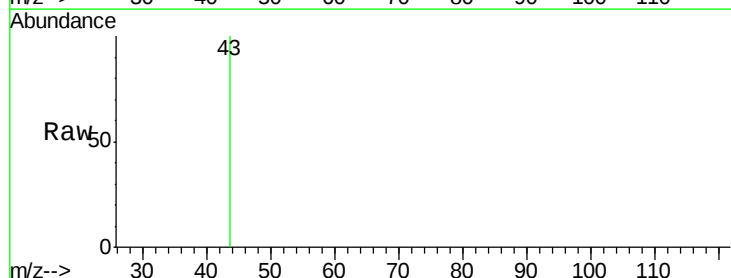
Ion Ratio Lower Upper

43 100

70 0.0 21.7 32.5#

55 0.0 14.6 22.0#

61 0.0 18.0 27.0#

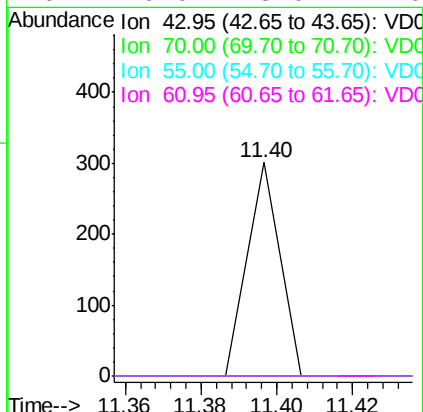
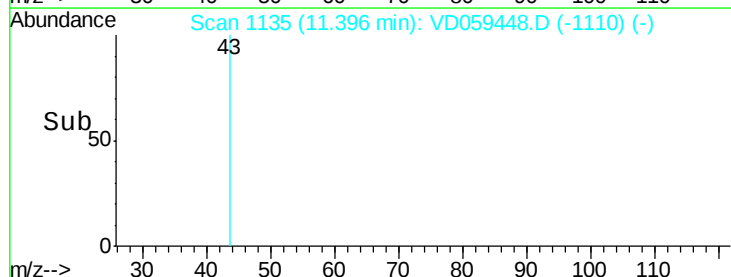


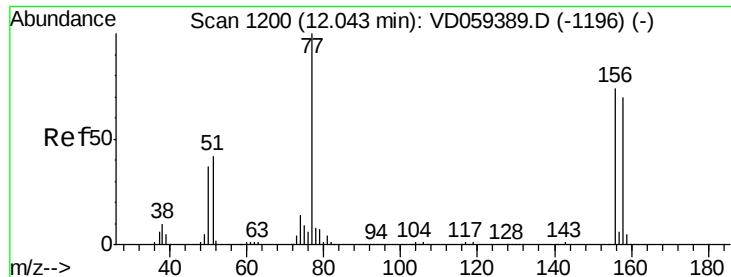
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#77

Bromobenzene

Concen: 1.677 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.12 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

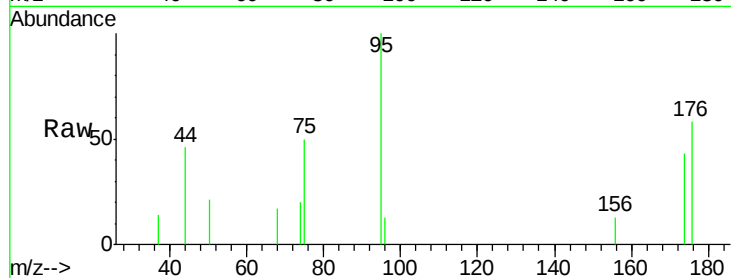
Tot Ion:156 Resp: 178

Ion Ratio Lower Upper

156 100

77 0.0 68.0 203.8#

158 0.0 47.7 143.1#



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V

11.92

300

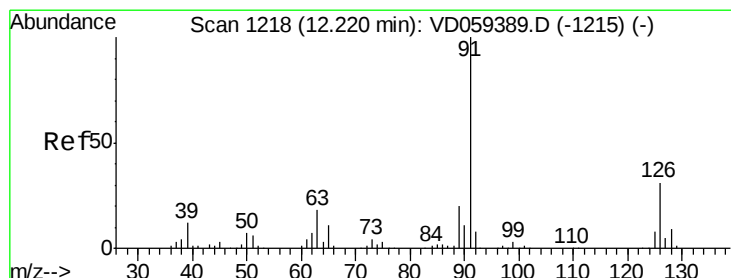
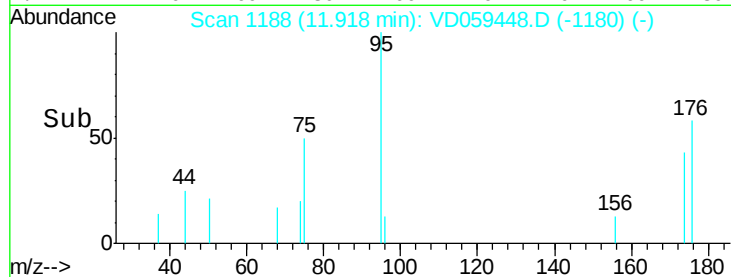
200

100

0

11.88 11.90 11.92 11.94

Time-->



#79

2-Chlorotoluene

Concen: 1.351 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.10 min

Lab File: VD059448.D

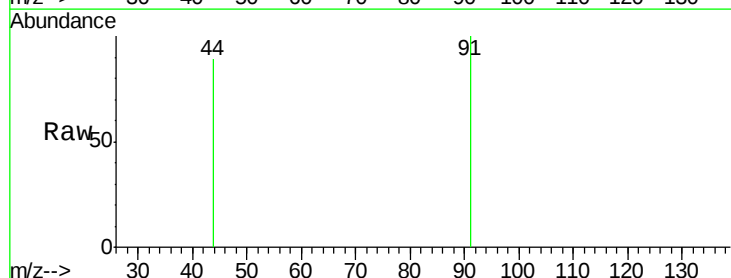
Acq: 27 Jun 2018 16:55

Tgt Ion: 91 Resp: 339

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

12.32

600

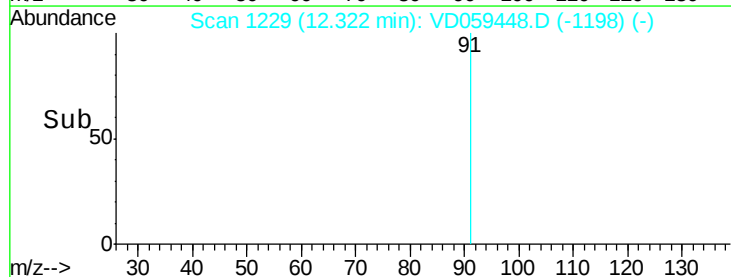
400

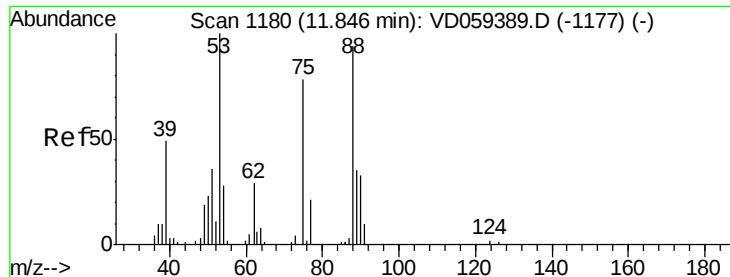
200

0

12.30 12.32 12.34

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 136.723 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.08 min

Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

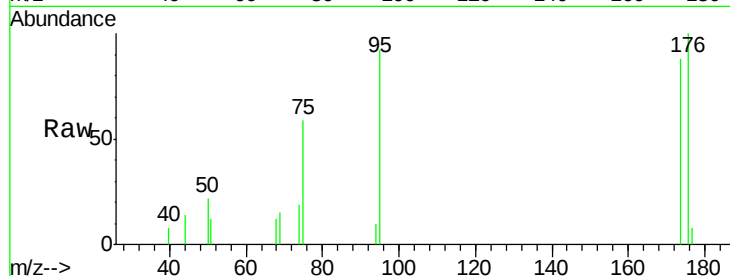
Tot Ion: 75 Resp: 2562

Ion Ratio Lower Upper

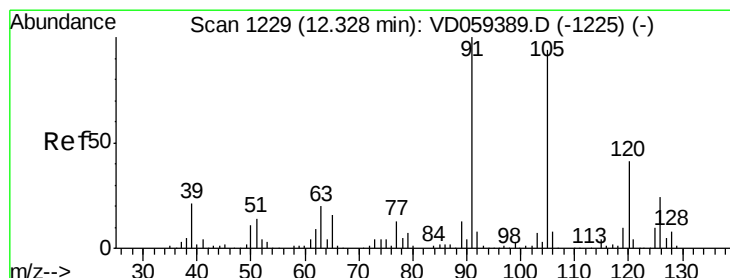
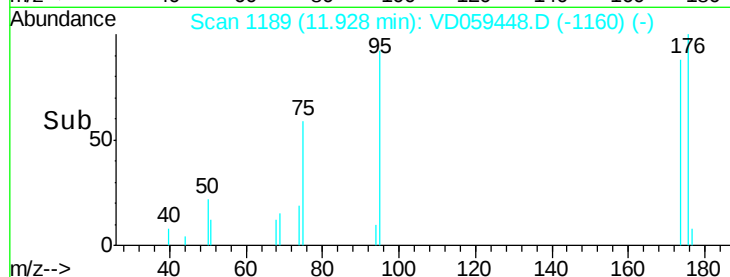
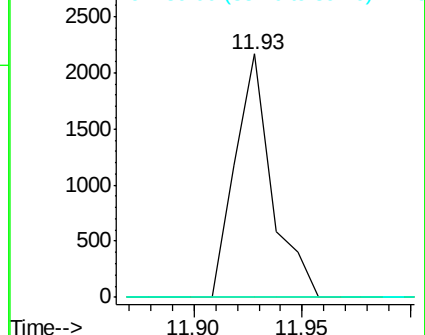
75 100

53 0.0 102.6 154.0#

89 0.0 35.9 53.9#



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: 1.192 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VD059448.D

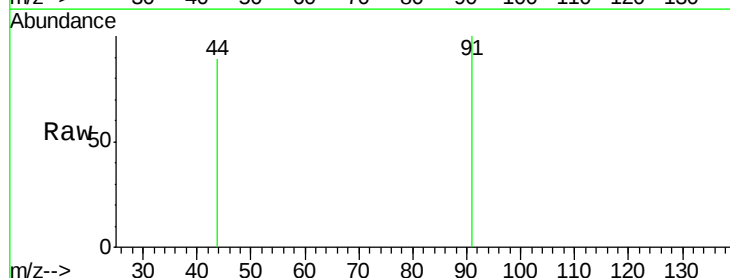
Acq: 27 Jun 2018 16:55

Tgt Ion: 91 Resp: 339

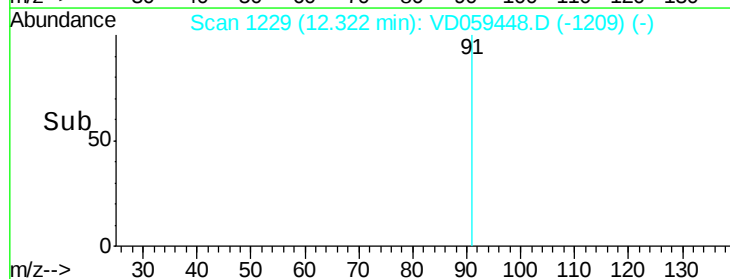
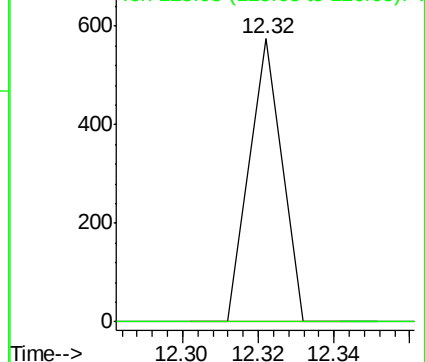
Ion Ratio Lower Upper

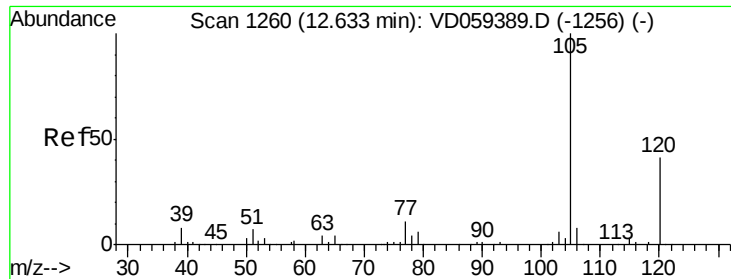
91 100

126 0.0 12.2 36.6#



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

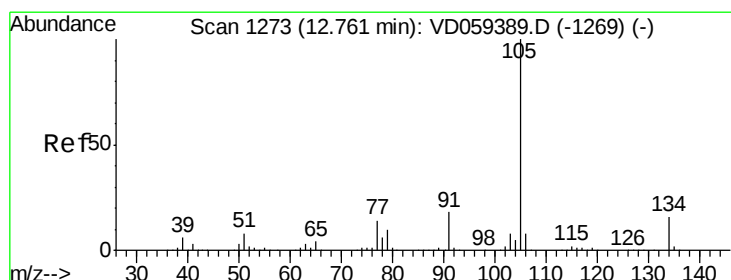
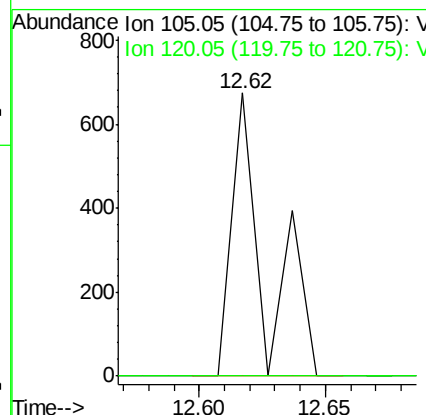
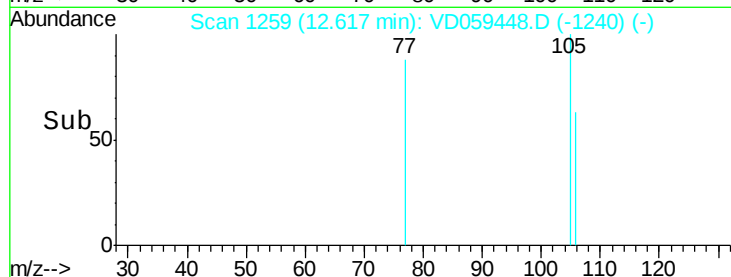
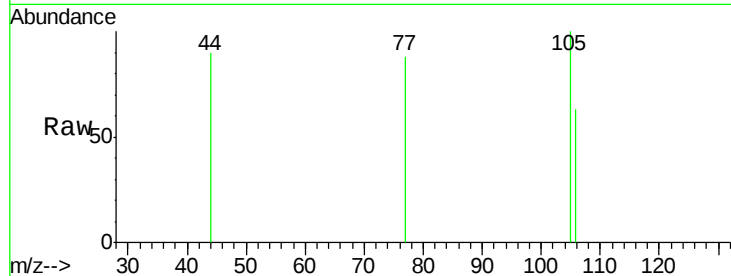




#84
 1,2,4-Trimethylbenzene
 Concen: 2.221 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: VD059448.D
 Acq: 27 Jun 2018 16:55

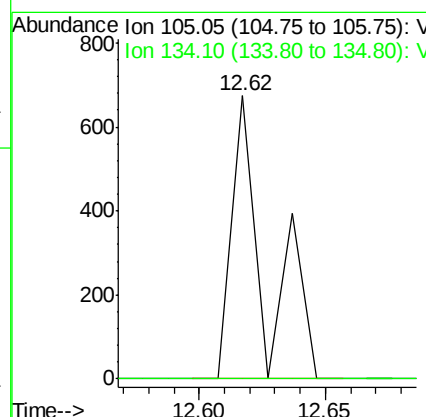
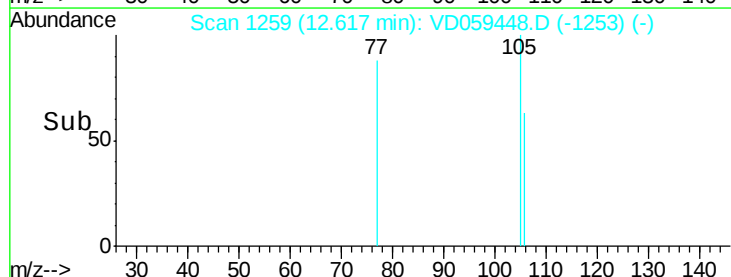
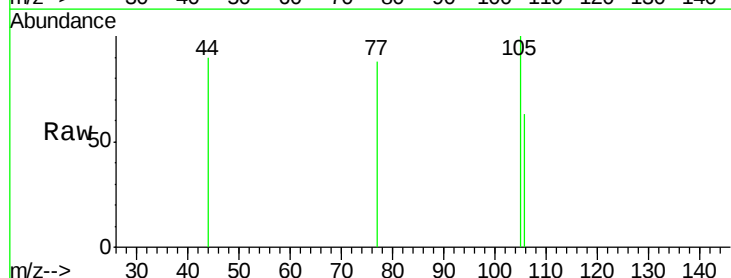
Instrument :
 MSVOA_D
 ClientSampleId :

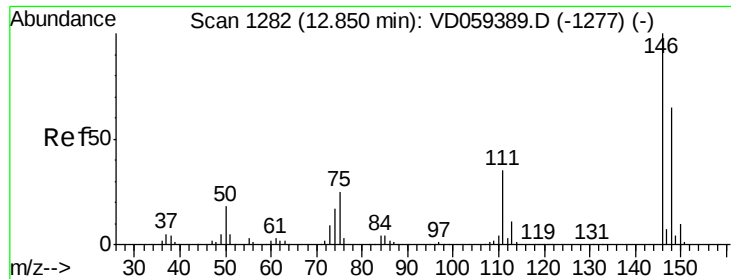
Tot Ion:105 Resp: 631
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.5 64.5#



#85
 sec-Butylbenzene
 Concen: 1.800 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.14 min
 Lab File: VD059448.D
 Acq: 27 Jun 2018 16:55

Tgt Ion:105 Resp: 631
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.2 24.6#

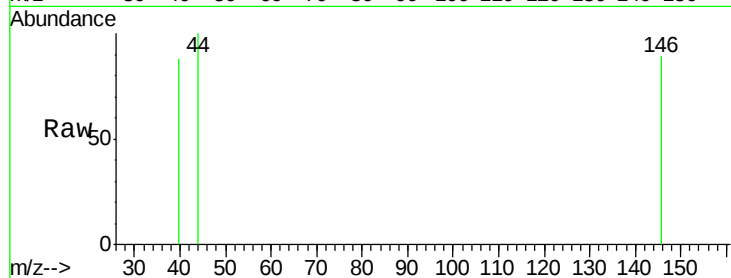




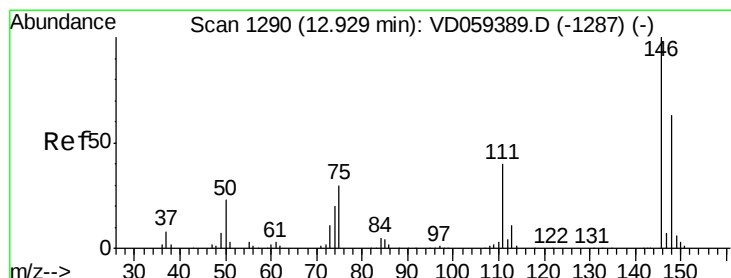
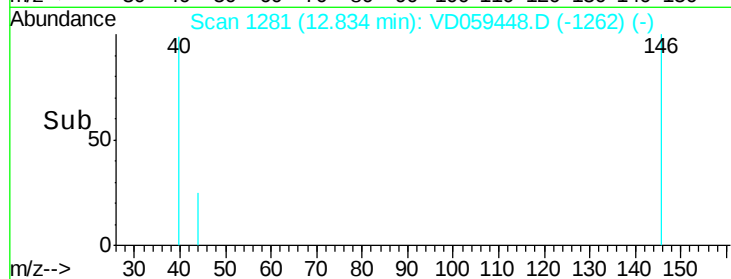
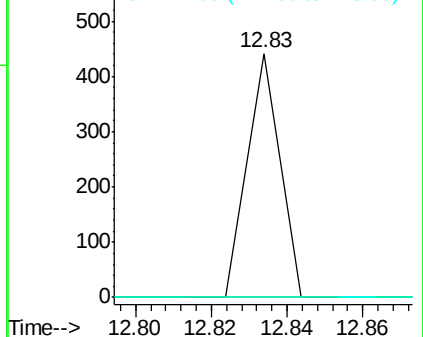
#87
 1,3-Dichlorobenzene
 Concen: 1.489 ug/l
 RT: 12.83 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: VD059448.D
 Acq: 27 Jun 2018 16:55

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 260
 Ion Ratio Lower Upper
 146 100
 111 0.0 17.6 52.8#
 148 0.0 32.4 97.2#

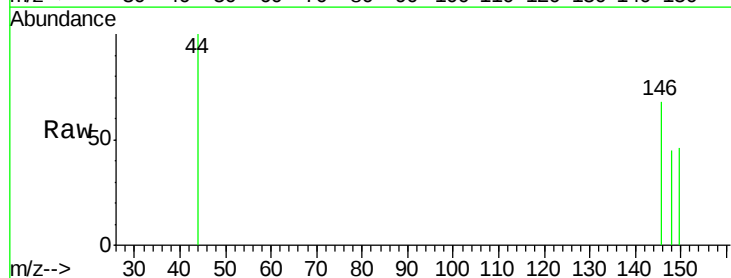


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

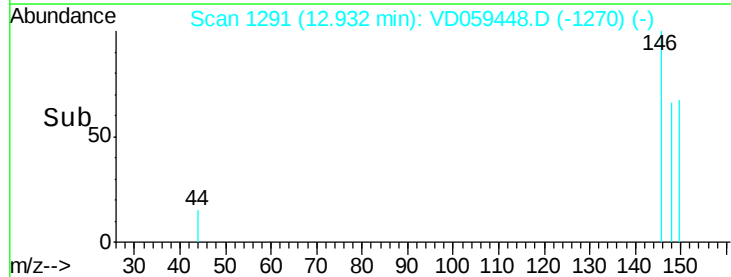
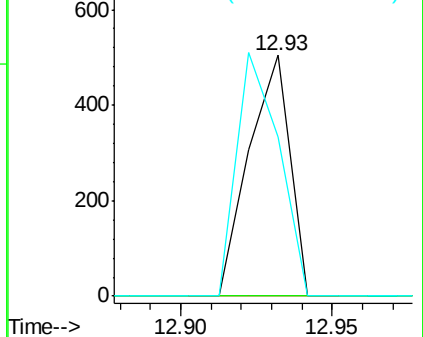


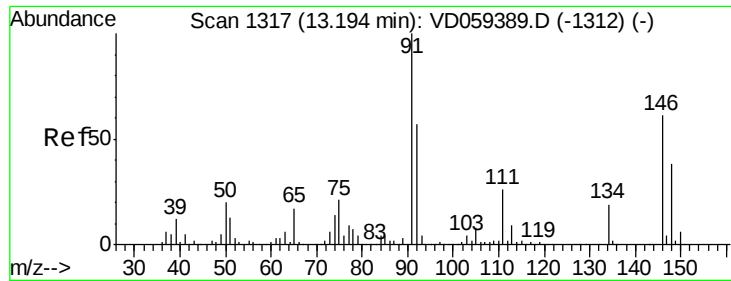
#88
 1,4-Dichlorobenzene
 Concen: 2.779 ug/l
 RT: 12.93 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VD059448.D
 Acq: 27 Jun 2018 16:55

Tgt Ion:146 Resp: 479
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.1 60.2#
 148 66.1 31.4 94.0



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

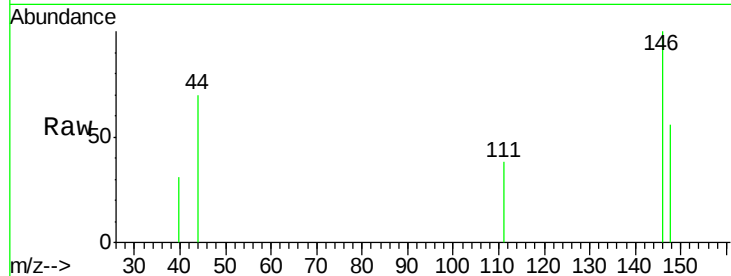




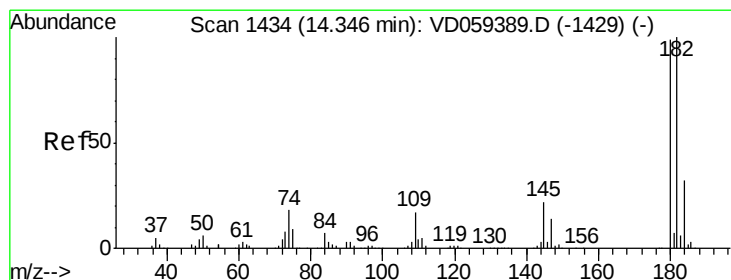
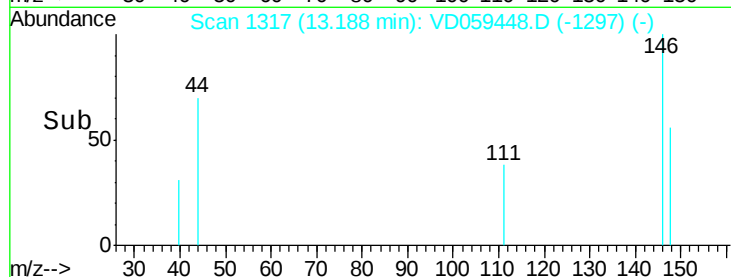
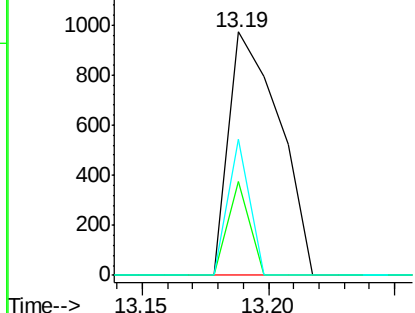
#91
 1,2-Dichlorobenzene
 Concen: 9.124 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: VD059448.D
 Acq: 27 Jun 2018 16:55

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 1351
 Ion Ratio Lower Upper
 146 100
 111 38.4 21.4 64.2
 148 56.0 31.6 95.0

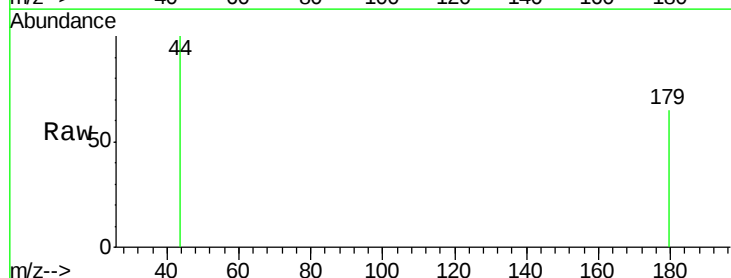


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

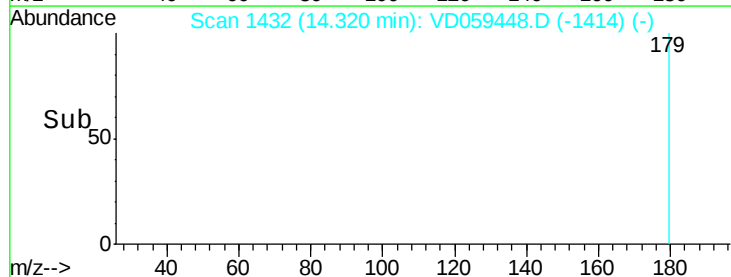
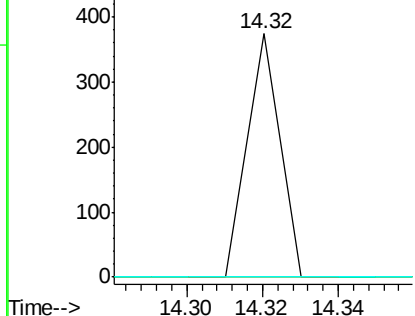


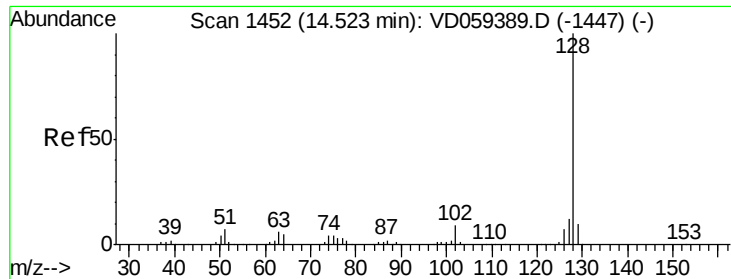
#93
 1,2,4-Trichlorobenzene
 Concen: 1.614 ug/l
 RT: 14.32 min Scan# 1432
 Delta R.T. -0.03 min
 Lab File: VD059448.D
 Acq: 27 Jun 2018 16:55

Tgt Ion:180 Resp: 221
 Ion Ratio Lower Upper
 180 100
 182 0.0 50.4 151.2#
 145 0.0 11.0 33.0#



Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V





#95

Naphthalene

Concen: 5.744 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.01 min

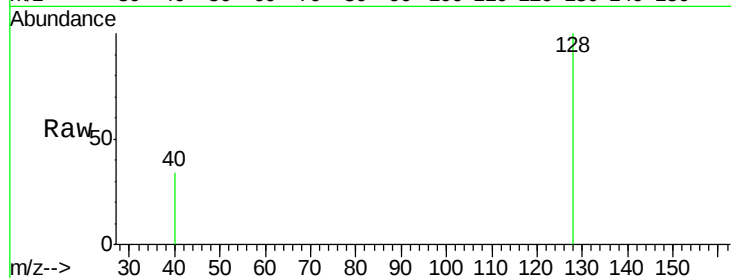
Lab File: VD059448.D

Acq: 27 Jun 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :



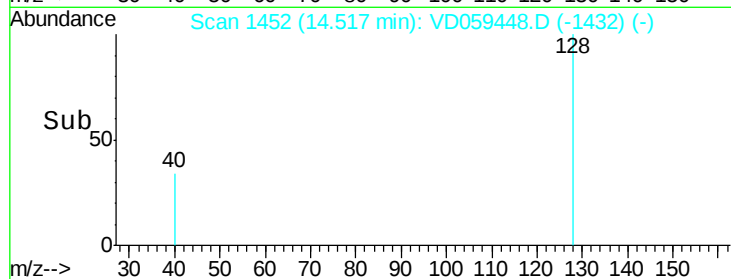
Tot Ion:128 Resp: 1096

Ion Ratio Lower Upper

128 100

127 0.0 9.6 14.4#

129 0.0 8.2 12.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

