

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058160.D
 Acq On : 15 Jun 2018 19:00
 Operator : VA/AP
 Sample : J3523-07RE
 Misc : 5.13g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 23:18:54 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	23090	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	33790	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	29967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	14486	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	26126	113.18	ug/l	0.00
Spiked Amount			Recovery	=	226.36%	
35) Dibromofluoromethane	5.55	113	17221	65.87	ug/l	-0.01
Spiked Amount			Recovery	=	131.74%	
50) Toluene-d8	8.71	98	42432	68.27	ug/l	0.00
Spiked Amount			Recovery	=	136.54%	
62) 4-Bromofluorobenzene	11.93	95	18219	67.19	ug/l	0.00
Spiked Amount			Recovery	=	134.38%	

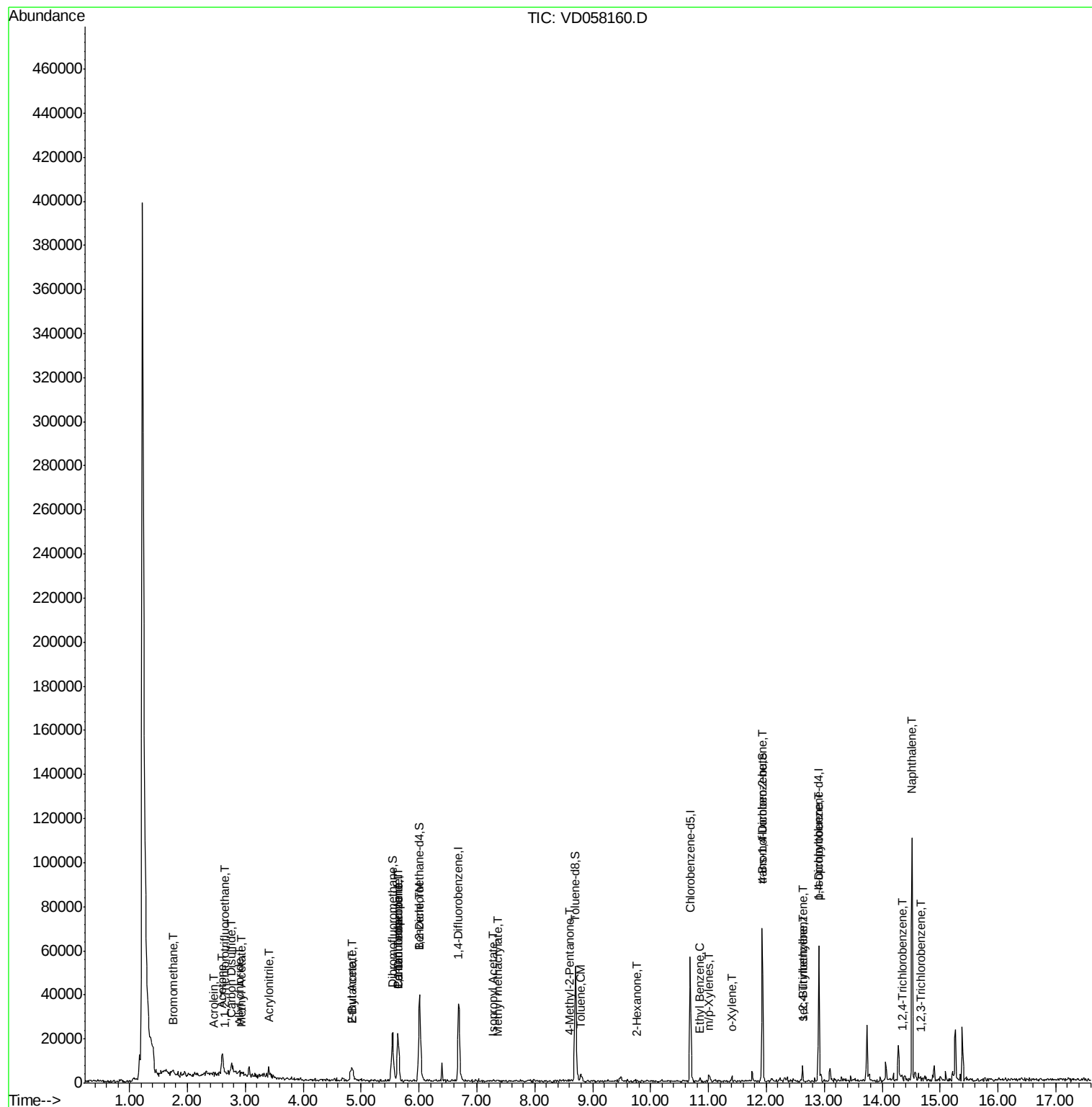
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.76	94	180	3.109	ug/l #	3
9) 1,1,2-Trichlorotrifluoroet	2.65	101	195	1.619	ug/l #	20
13) Acrolein	2.46	56	179	20.212	ug/l #	16
14) Allyl chloride	2.91	41	442	2.069	ug/l #	70
15) Acrylonitrile	3.40	53	181	5.003	ug/l #	15
16) Acetone	2.60	43	17596	529.073	ug/l	95
17) Carbon Disulfide	2.76	76	1497	4.462	ug/l #	76
18) Methyl Acetate	2.95	43	1407	21.869	ug/l #	66
25) 2-Butanone	4.85	43	3764	49.799	ug/l #	64
36) 1,1-Dichloropropene	5.64	75	1744	4.685	ug/l #	45
37) Ethyl Acetate	4.85	43	3764	18.530	ug/l #	72
38) Carbon Tetrachloride	5.64	117	1210	3.298	ug/l #	12
40) Benzene	6.01	78	17754	20.415	ug/l	97
43) Isopropyl Acetate	7.27	43	666	2.503	ug/l #	50
48) Methyl methacrylate	7.35	41	182	1.111	ug/l #	20
51) 4-Methyl-2-Pentanone	8.60	43	259	1.518	ug/l #	42
52) Toluene	8.80	92	2342	4.692	ug/l #	61
59) 2-Hexanone	9.77	43	196	1.567	ug/l #	31
67) Ethyl Benzene	10.85	91	1494	1.363	ug/l #	48
68) m/p-Xylenes	11.00	106	1165	3.261	ug/l #	64
69) o-Xylene	11.41	106	735	2.072	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.93	75	9132	169.436	ug/l #	6
82) 4-Chlorotoluene	12.33	91	402	Below Cal	#	50
84) 1,2,4-Trimethylbenzene	12.63	105	2933	3.646	ug/l	90
85) sec-Butylbenzene	12.63	105	2933	2.876	ug/l #	61
86) p-Isopropyltoluene	12.89	119	1085	1.320	ug/l #	49
89) n-Butylbenzene	13.20	91	207	Below Cal	#	30
93) 1,2,4-Trichlorobenzene	14.34	180	437	1.205	ug/l #	69
95) Naphthalene	14.52	128	59398	127.007	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	425	1.375	ug/l #	1

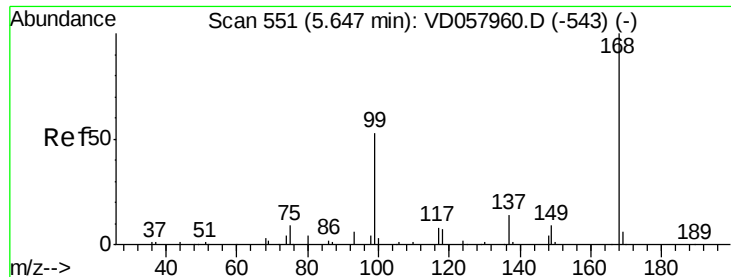
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

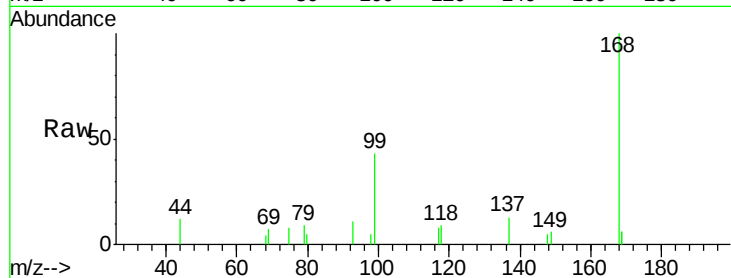
ClientSampleId :

Tot Ion:168 Resp: 23090

Ion Ratio Lower Upper

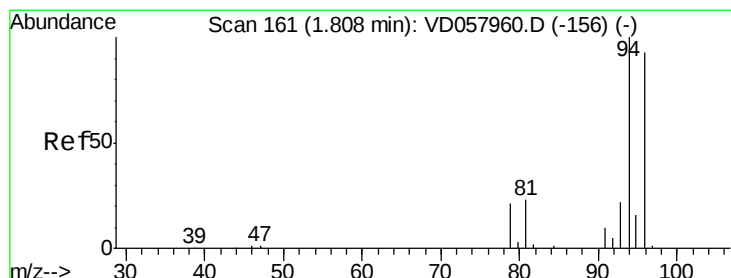
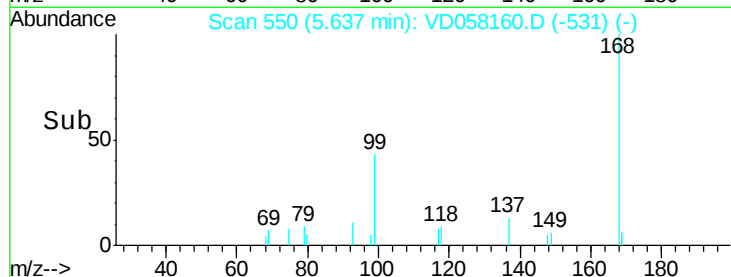
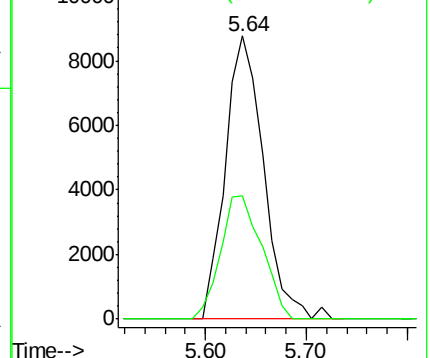
168 100

99 43.4 46.8 70.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 3.109 ug/l

RT: 1.76 min Scan# 156

Delta R.T. -0.05 min

Lab File: VD058160.D

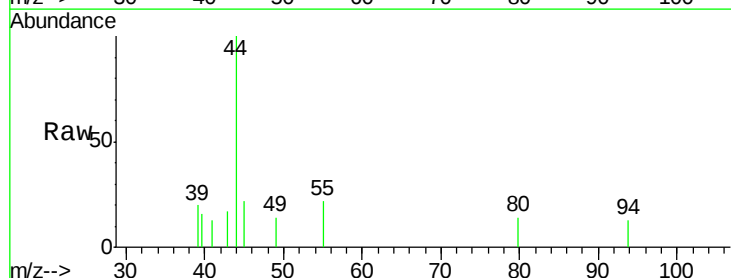
Acq: 15 Jun 2018 19:00

Tgt Ion: 94 Resp: 180

Ion Ratio Lower Upper

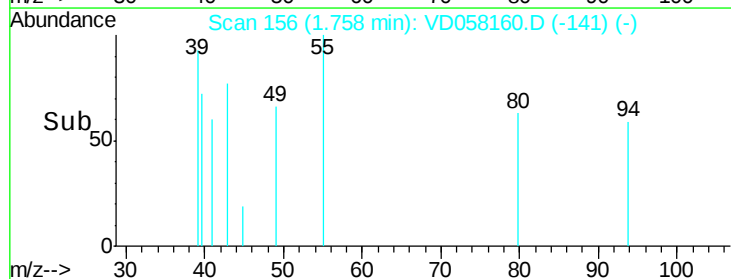
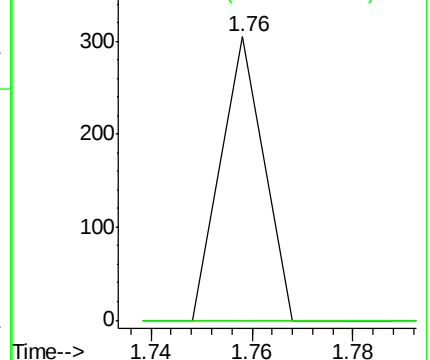
94 100

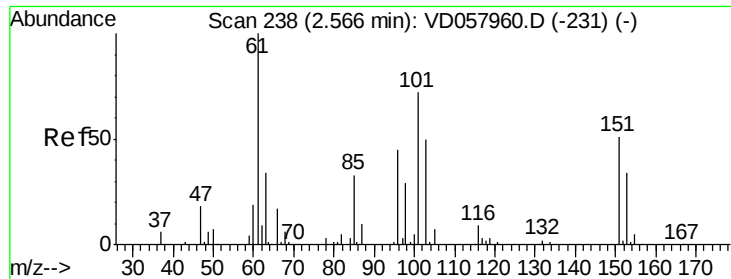
96 0.0 74.3 111.5#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.619 ug/l

RT: 2.65 min Scan# 247

Delta R.T. 0.09 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

ClientSampleId :

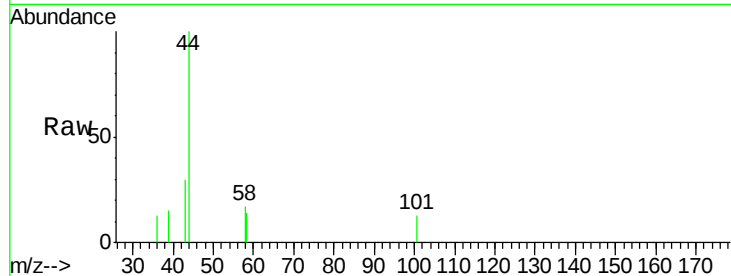
Tot Ion:101 Resp: 195

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

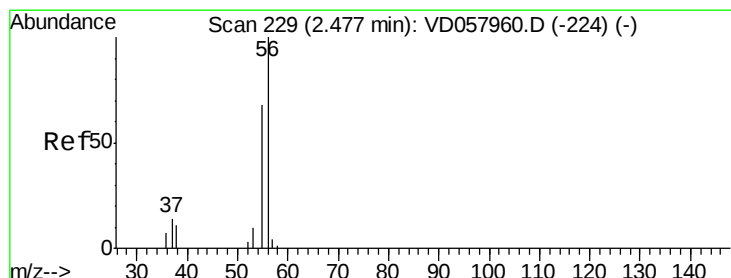
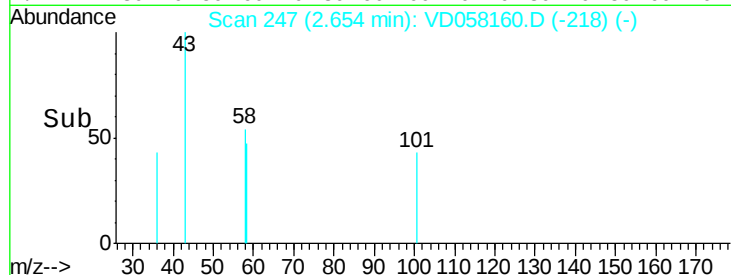
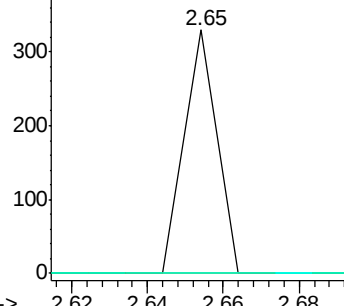
151 0.0 57.0 85.6#



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): VDC

Ion 150.90 (150.60 to 151.60): V



#13

Acrolein

Concen: 20.212 ug/l

RT: 2.46 min Scan# 227

Delta R.T. -0.02 min

Lab File: VD058160.D

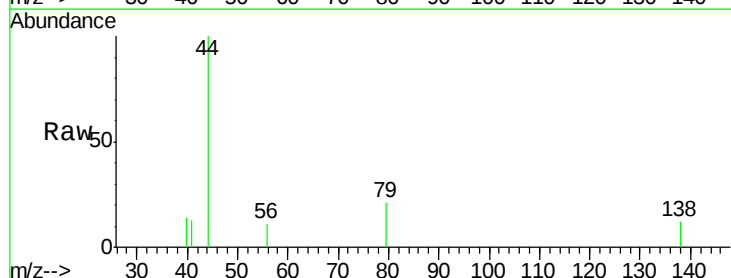
Acq: 15 Jun 2018 19:00

Tgt Ion: 56 Resp: 179

Ion Ratio Lower Upper

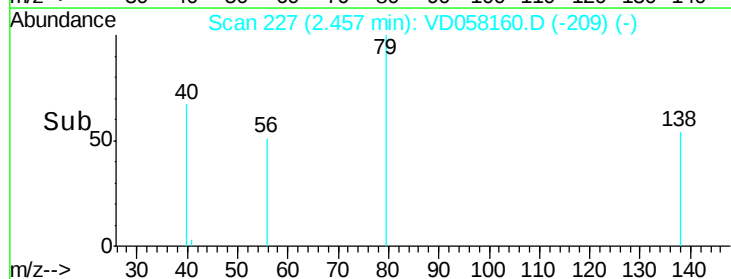
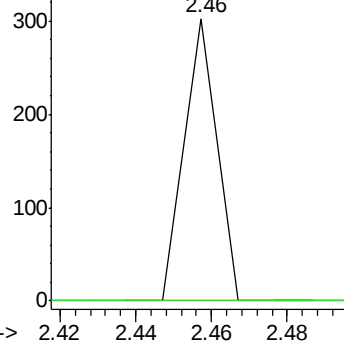
56 100

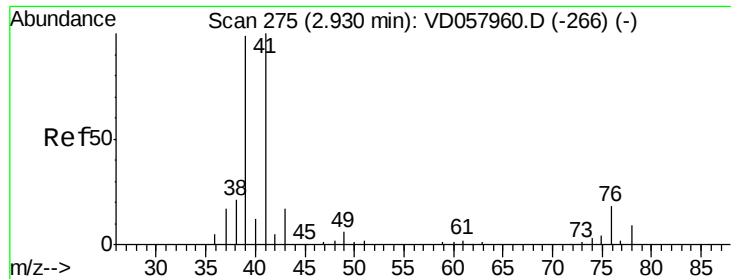
55 0.0 54.0 81.0#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

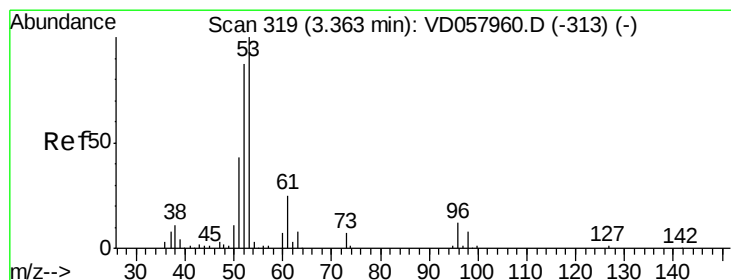
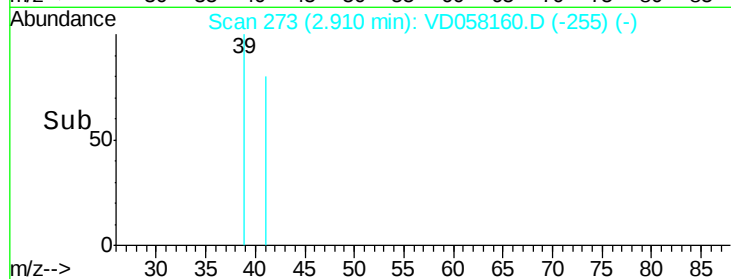
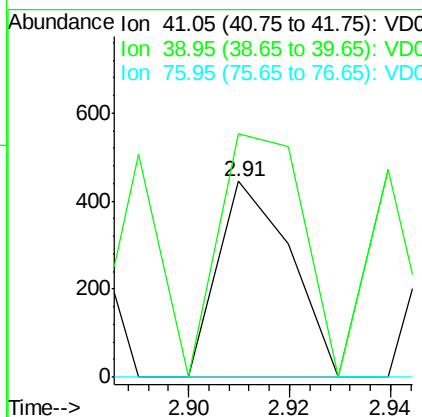
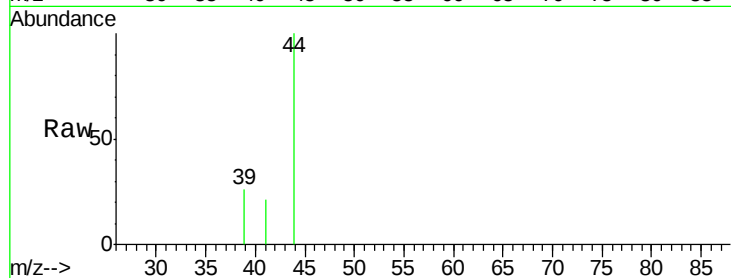




#14
 Allvl chloride
 Concen: 2.069 ug/l
 RT: 2.91 min Scan# 273
 Delta R.T. -0.02 min
 Lab File: VD058160.D
 Acq: 15 Jun 2018 19:00

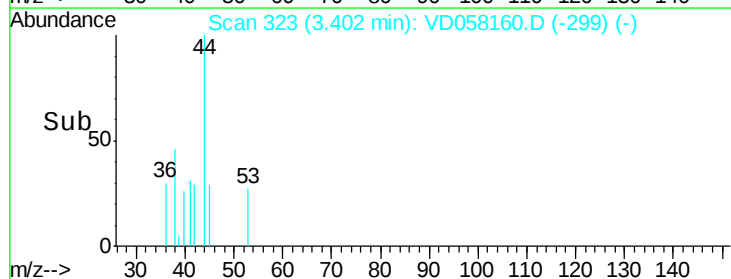
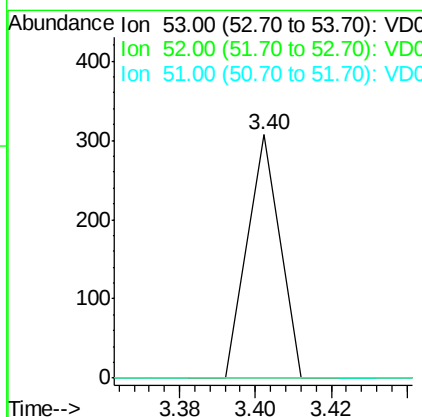
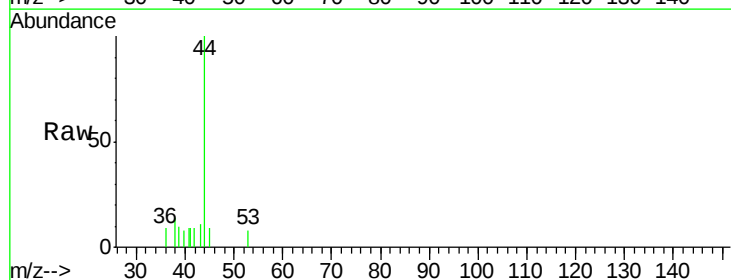
Instrument :
 MSVOA_D
 ClientSampleId :

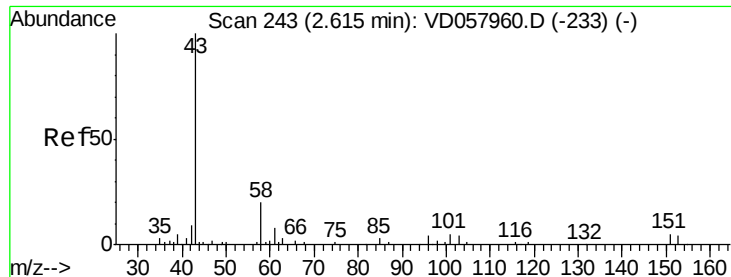
Tot Ion: 41 Resp: 442
 Ion Ratio Lower Upper
 41 100
 39 124.3 79.5 119.3#
 76 0.0 20.7 31.1#



#15
 Acrylonitrile
 Concen: 5.003 ug/l
 RT: 3.40 min Scan# 323
 Delta R.T. 0.04 min
 Lab File: VD058160.D
 Acq: 15 Jun 2018 19:00

Tgt Ion: 53 Resp: 181
 Ion Ratio Lower Upper
 53 100
 52 0.0 69.9 104.9#
 51 0.0 34.3 51.5#





#16

Acetone

Concen: 529.073 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

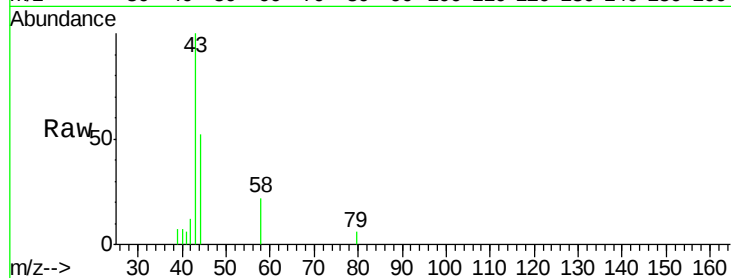
ClientSampled :

Tot Ion: 43 Resp: 17596

Ion Ratio Lower Upper

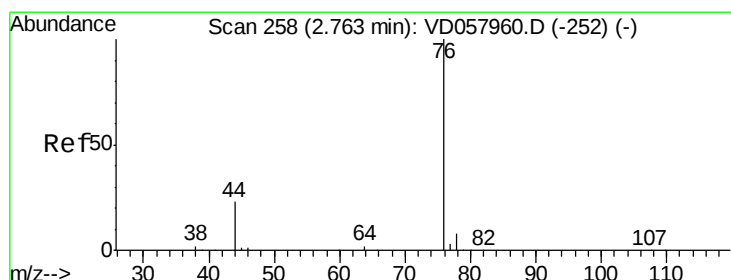
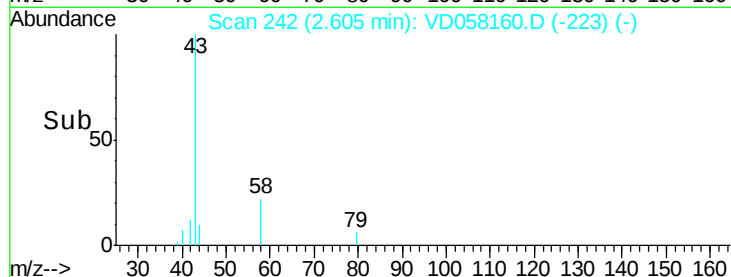
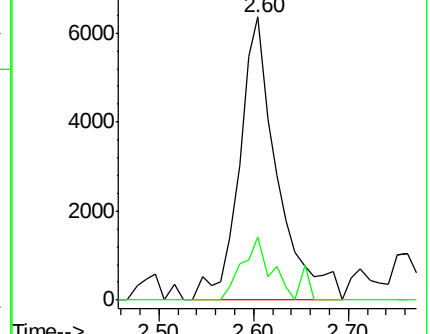
43 100

58 22.2 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#17

Carbon Disulfide

Concen: 4.462 ug/l

RT: 2.76 min Scan# 258

Delta R.T. -0.00 min

Lab File: VD058160.D

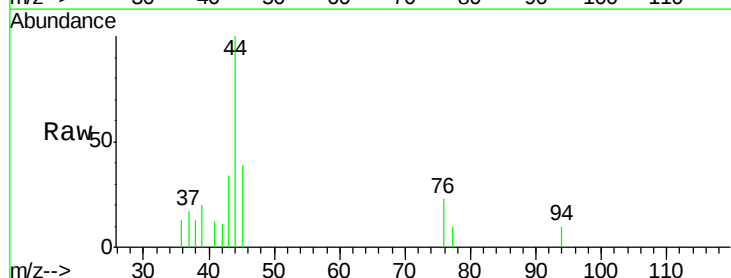
Acq: 15 Jun 2018 19:00

Tgt Ion: 76 Resp: 1497

Ion Ratio Lower Upper

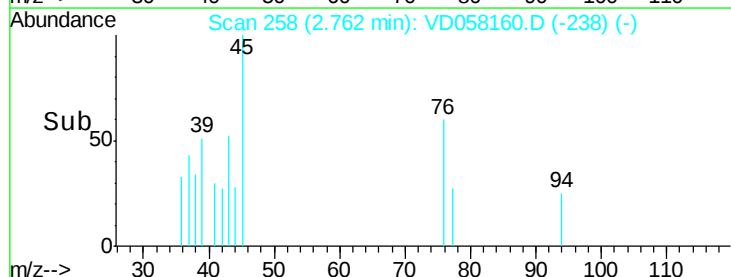
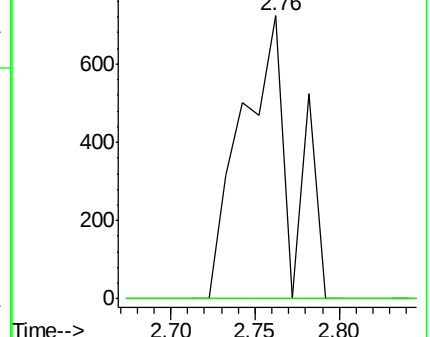
76 100

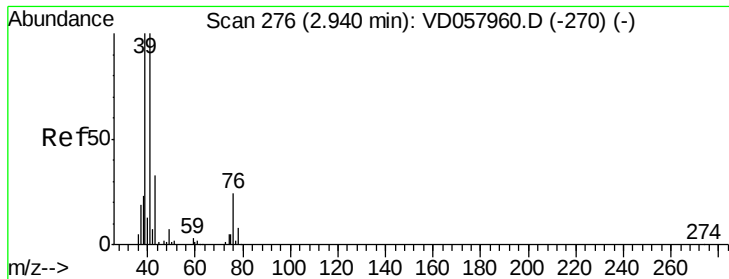
78 0.0 6.7 10.1#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

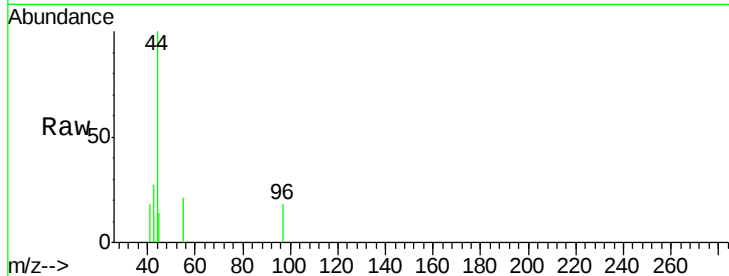




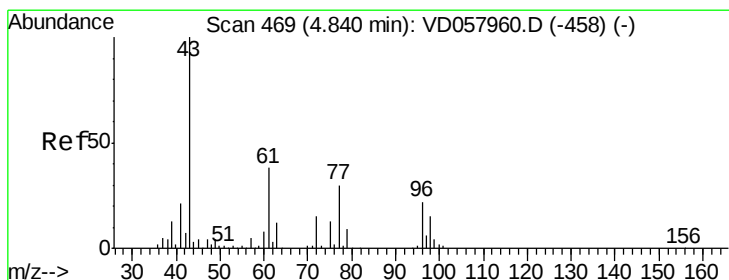
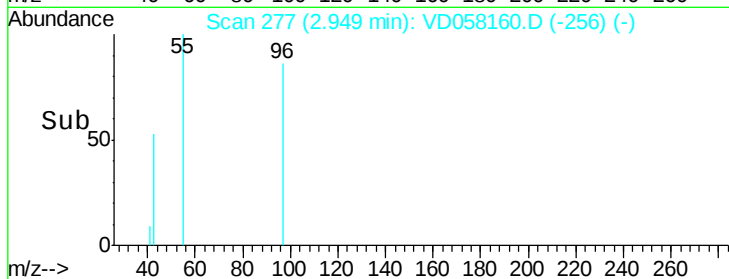
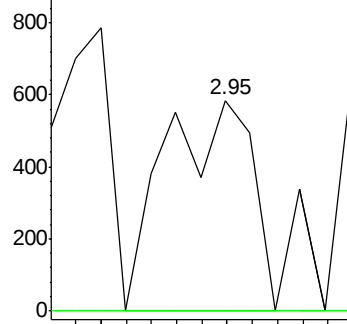
#18
Methyl Acetate
Concen: 21.869 ug/l
RT: 2.95 min Scan# 277
Delta R.T. 0.01 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
74 0.0 11.2 16.8#

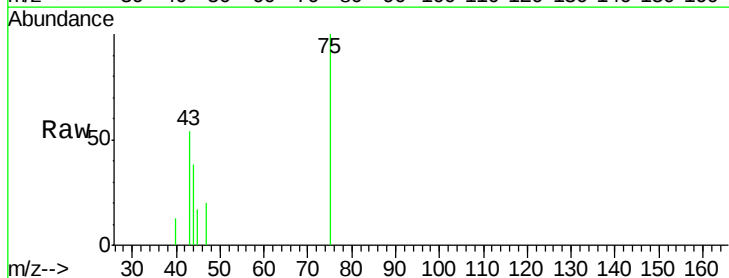


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

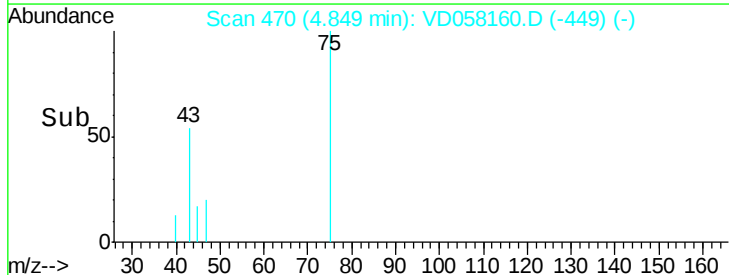
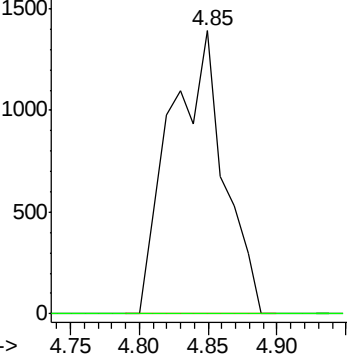


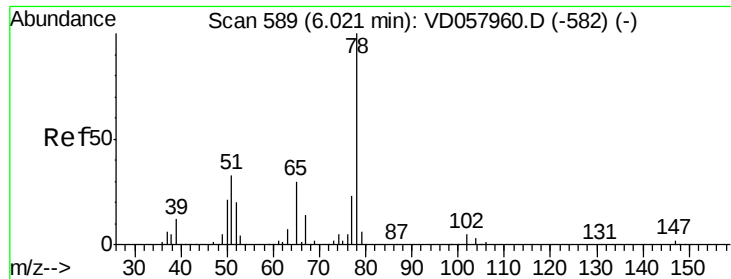
#25
2-Butanone
Concen: 49.799 ug/l
RT: 4.85 min Scan# 470
Delta R.T. 0.01 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Tgt Ion: 43 Resp: 3764
Ion Ratio Lower Upper
43 100
72 0.0 12.0 18.0#



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: 6.02 min Scan# 589

Delta R.T. -0.00 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

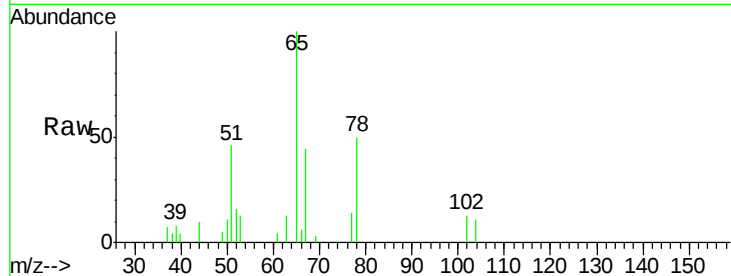
ClientSampleId :

Tot Ion: 65 Resp: 26126

Ion Ratio Lower Upper

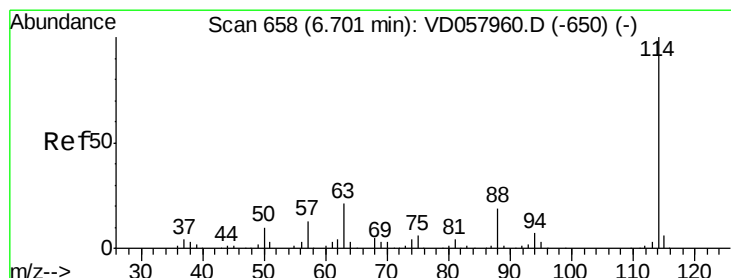
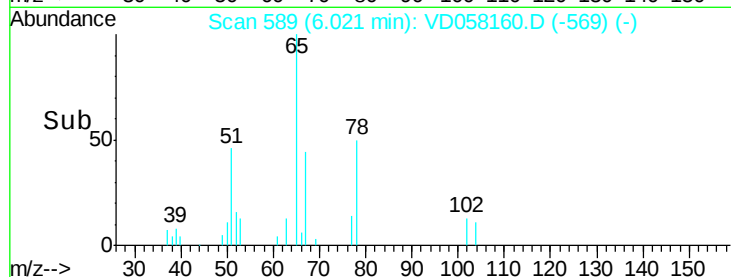
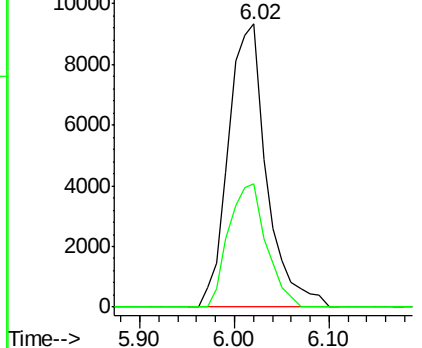
65 100

67 43.8 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: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

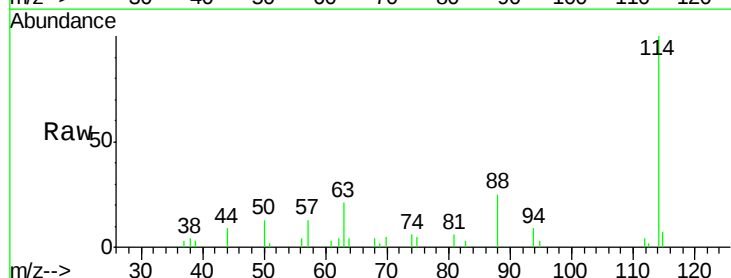
Tgt Ion: 114 Resp: 33790

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

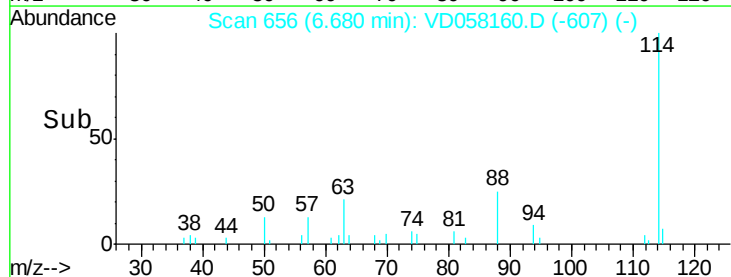
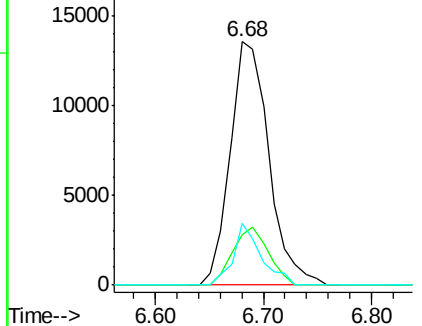
88 25.2 0.0 37.8

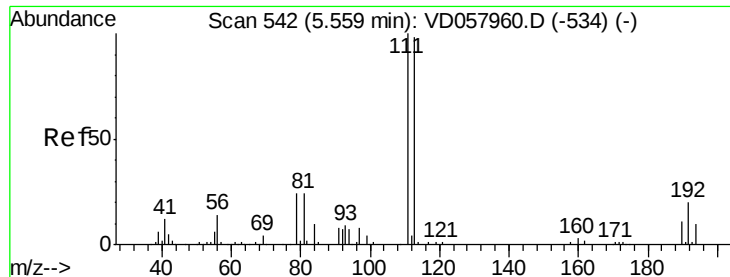


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

ClientSampleId :

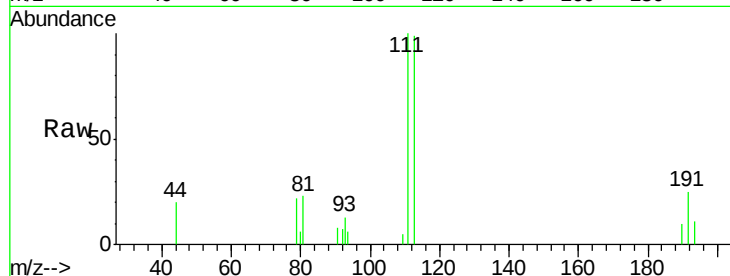
Tot Ion:113 Resp: 17221

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

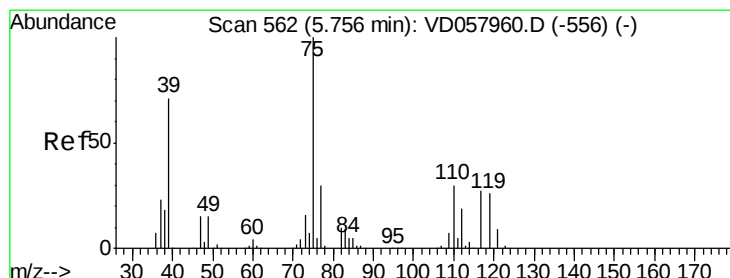
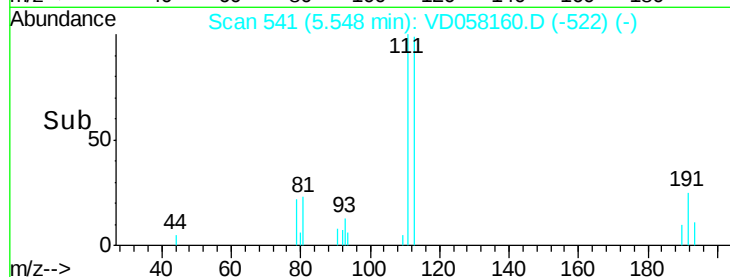
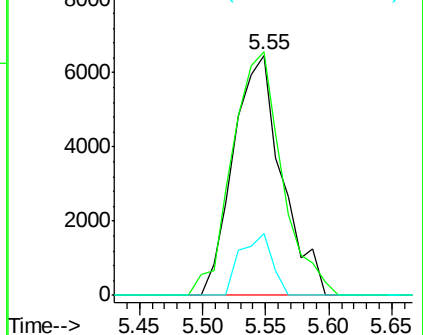
192 25.6 16.4 24.6#



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: 4.685 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.12 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

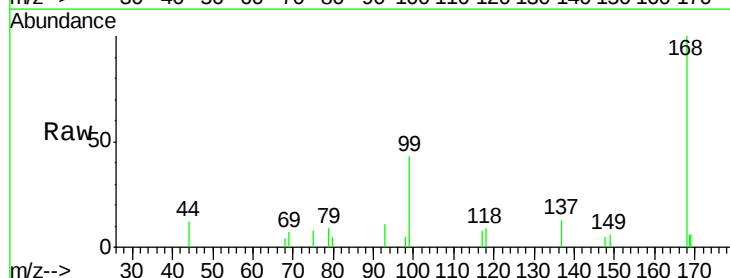
Tgt Ion: 75 Resp: 1744

Ion Ratio Lower Upper

75 100

110 0.0 14.8 44.3#

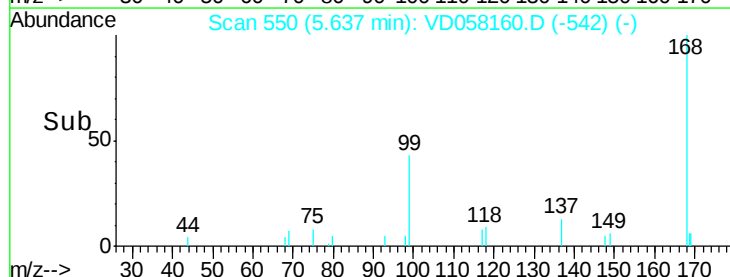
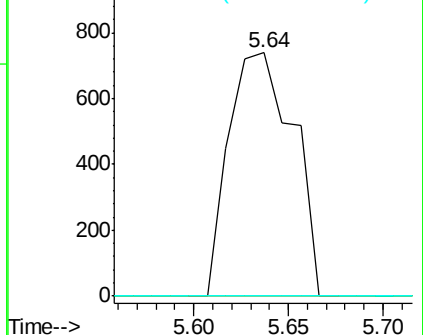
77 0.0 23.9 35.9#

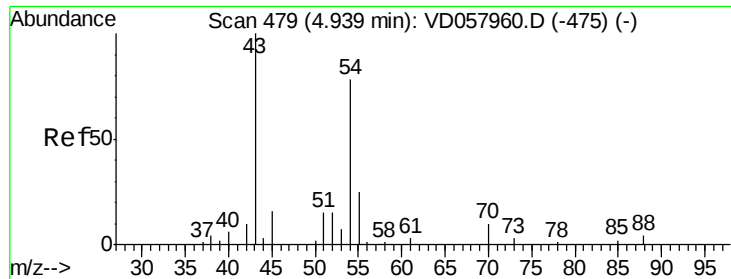


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC





#37

Ethyl Acetate

Concen: 18.530 ug/l

RT: 4.85 min Scan# 470

Delta R.T. -0.09 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

ClientSampleId :

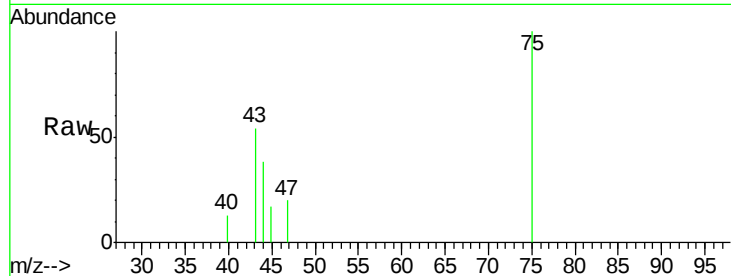
Tot Ion: 43 Resp: 3764

Ion Ratio Lower Upper

43 100

61 0.0 9.9 14.9#

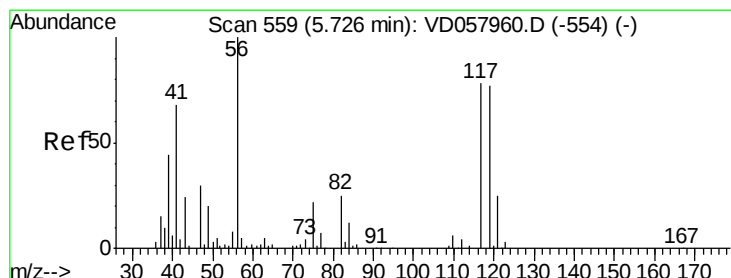
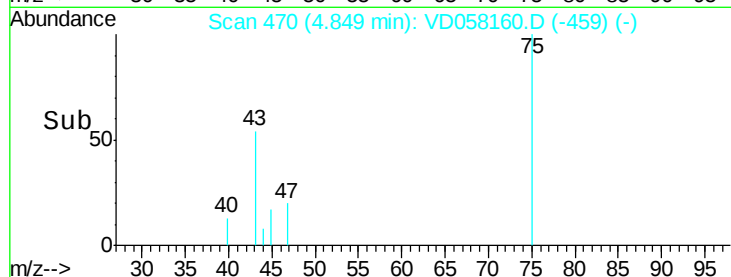
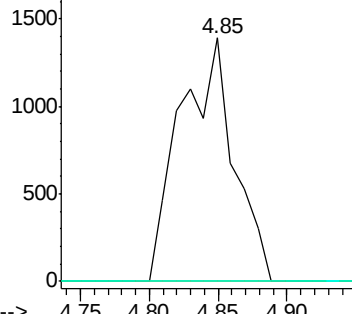
70 0.0 5.7 8.5#



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: 3.298 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.09 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

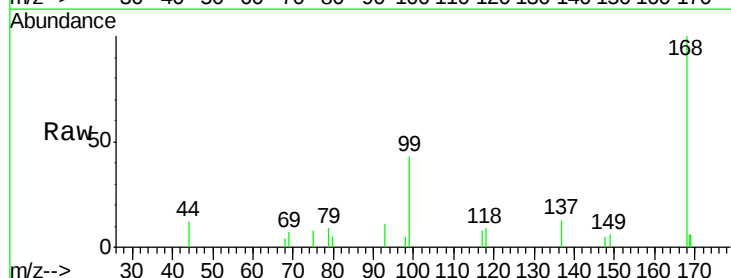
Tgt Ion: 117 Resp: 1210

Ion Ratio Lower Upper

117 100

119 0.0 76.1 114.1#

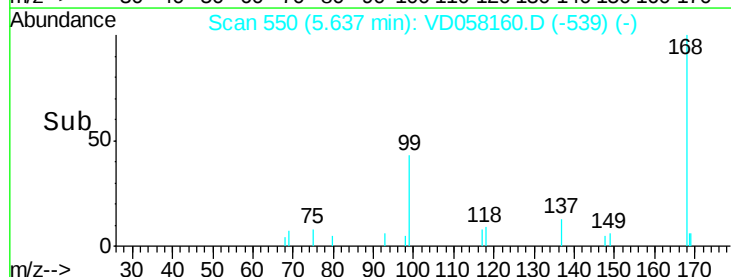
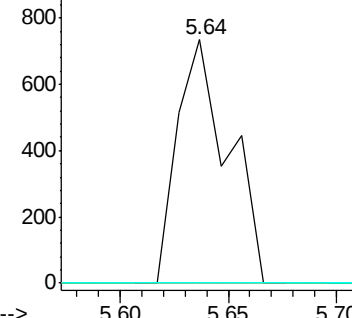
121 0.0 24.9 37.3#

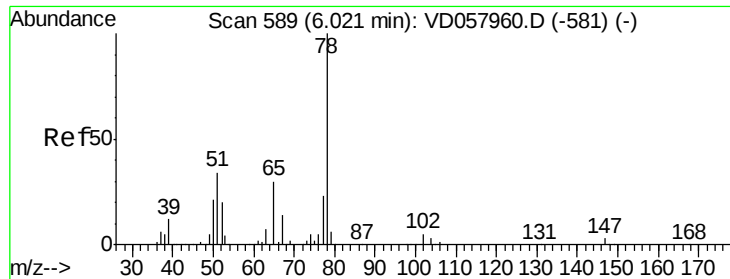


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#40

Benzene

Concen: 20.415 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

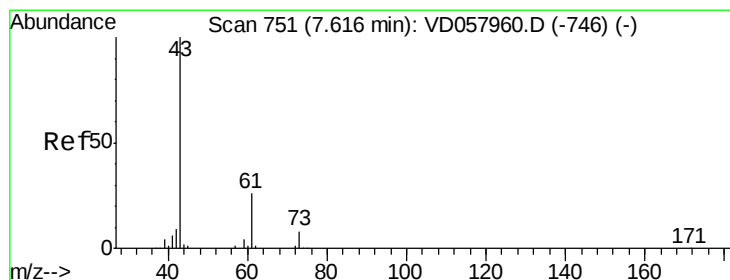
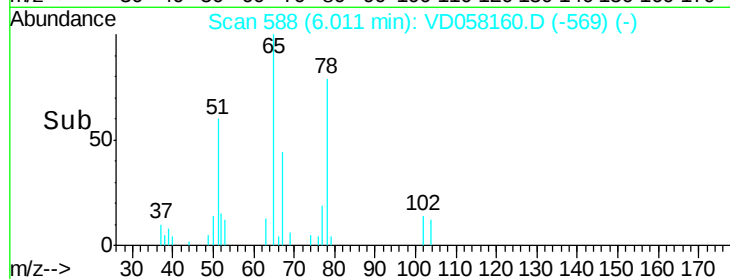
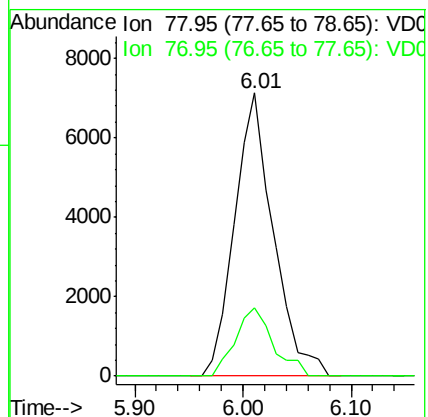
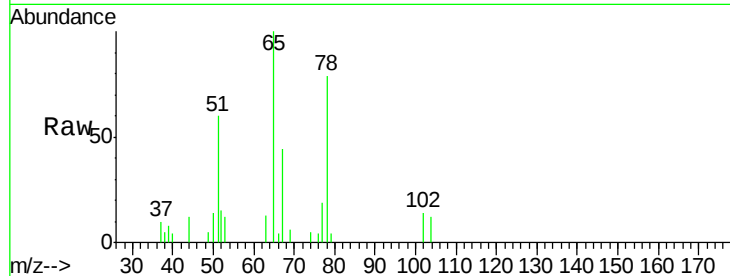
ClientSampleId :

Tot Ion: 78 Resp: 17754

Ion Ratio Lower Upper

78 100

77 24.0 18.1 27.1



#43

Isopropyl Acetate

Concen: 2.503 ug/l

RT: 7.27 min Scan# 716

Delta R.T. -0.35 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

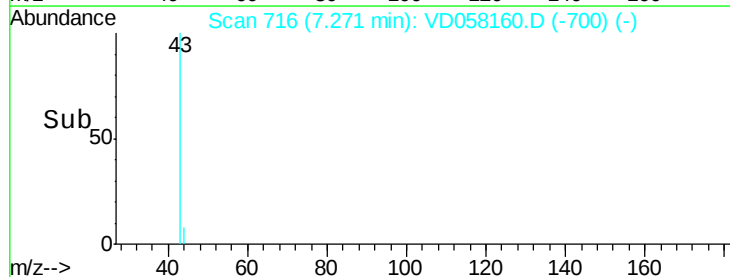
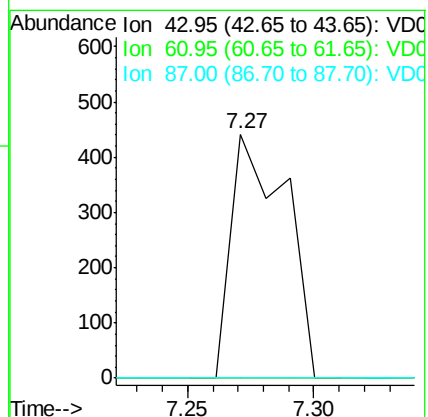
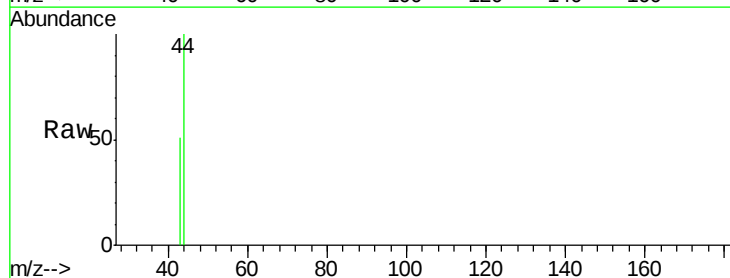
Tgt Ion: 43 Resp: 666

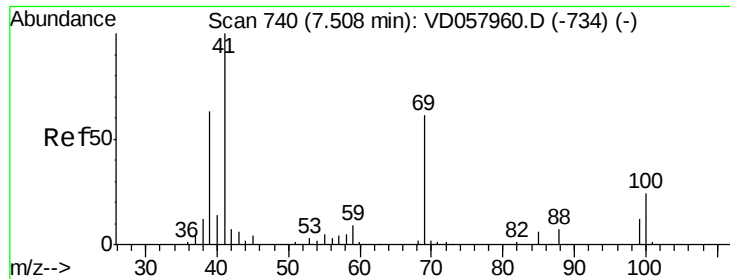
Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

87 0.0 0.2 0.4#

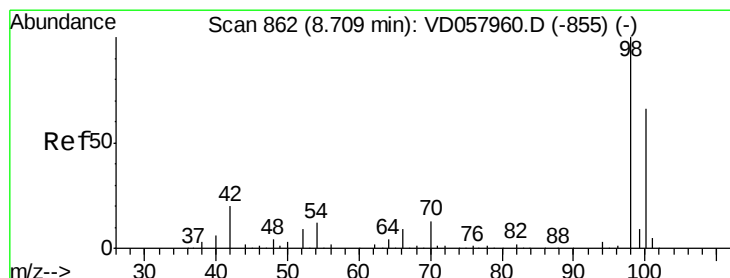
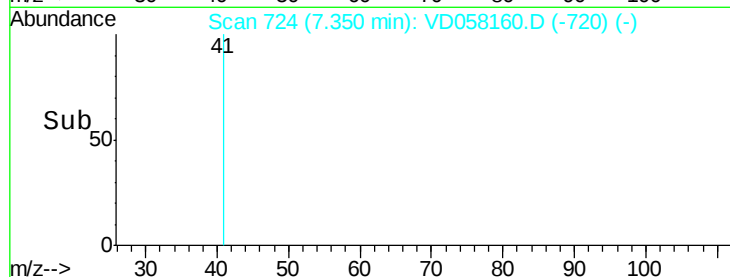
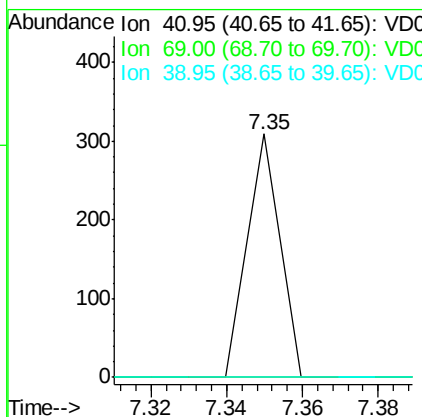
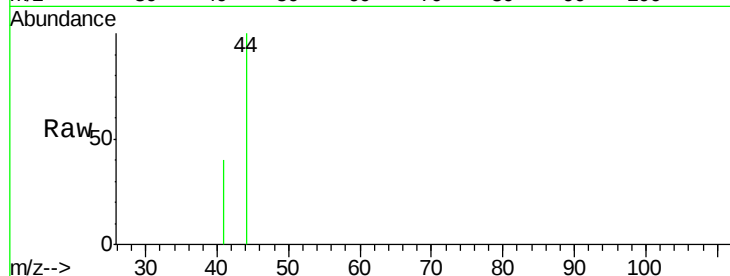




#48
Methvl methacrylate
Concen: 1.111 ug/l
RT: 7.35 min Scan# 724
Delta R.T. -0.16 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

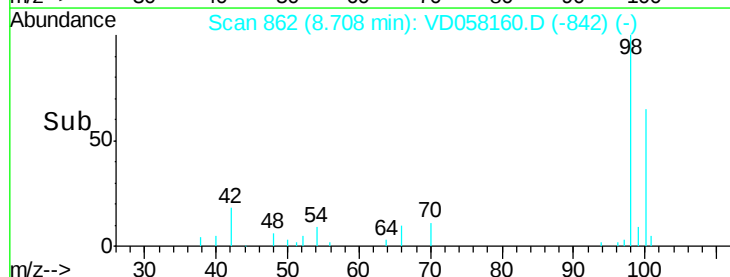
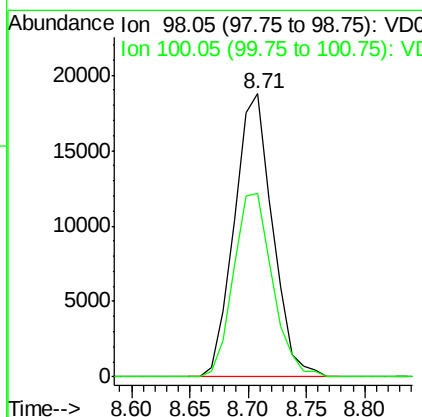
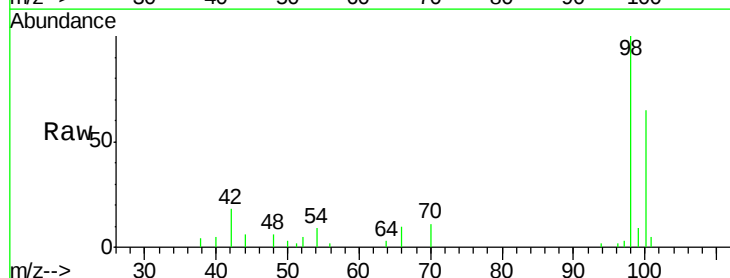
Instrument :
MSVOA_D
ClientSampleId :

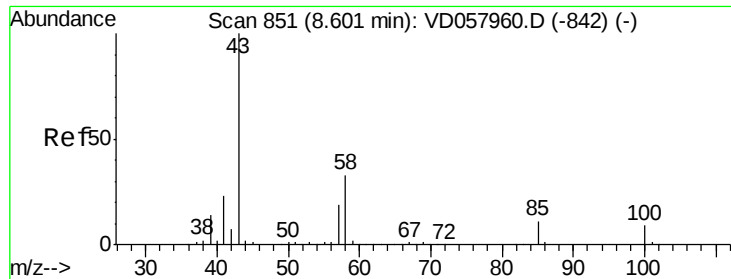
Tot Ion: 41 Resp: 182
Ion Ratio Lower Upper
41 100
69 0.0 48.0 72.0#
39 0.0 50.7 76.1#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.00 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Tgt Ion: 98 Resp: 42432
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 1.518 ug/l

RT: 8.60 min Scan# 851

Delta R.T. -0.00 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

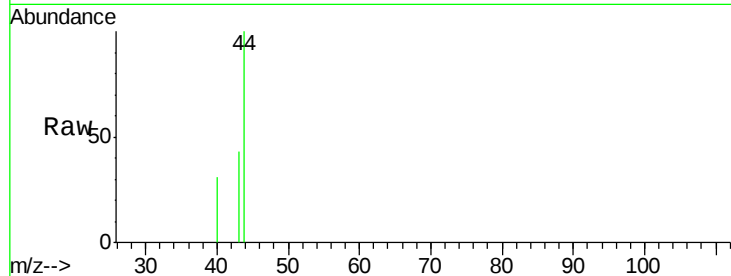
ClientSampleId :

Tot Ion: 43 Resp: 259

Ion Ratio Lower Upper

43 100

58 0.0 26.2 39.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.60

400

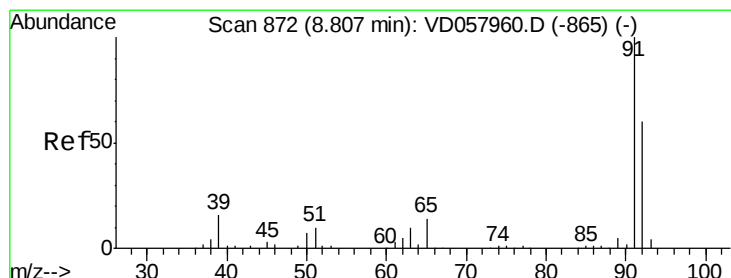
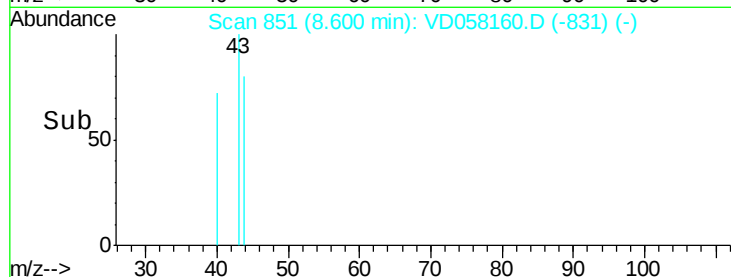
300

200

100

0

Time-->



#52

Toluene

Concen: 4.692 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.01 min

Lab File: VD058160.D

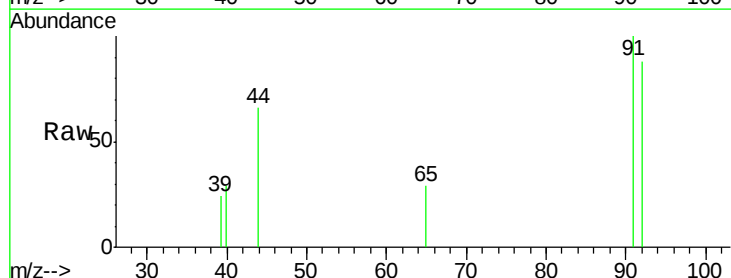
Acq: 15 Jun 2018 19:00

Tgt Ion: 92 Resp: 2342

Ion Ratio Lower Upper

92 100

91 114.2 133.0 199.6#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

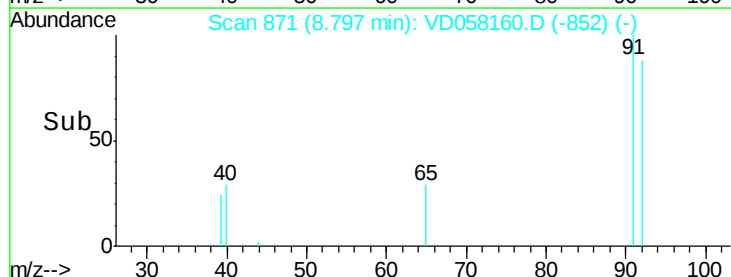
1500

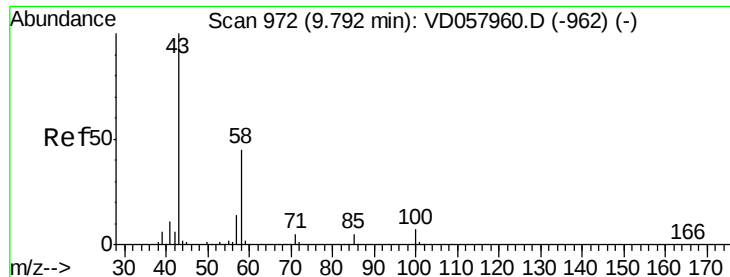
1000

500

0

Time-->





#59

2-Hexanone

Concen: 1.567 ug/l

RT: 9.77 min Scan# 970

Delta R.T. -0.02 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

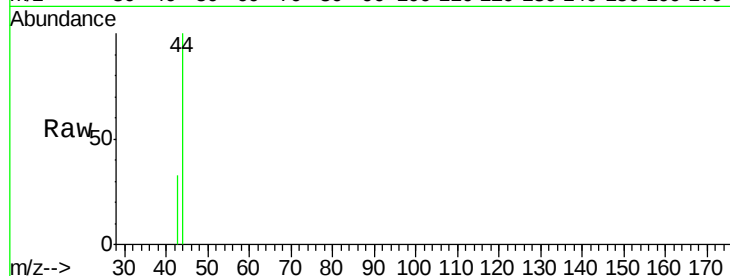
ClientSampleId :

Tot Ion: 43 Resp: 196

Ion Ratio Lower Upper

43 100

58 0.0 22.5 67.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

9.77

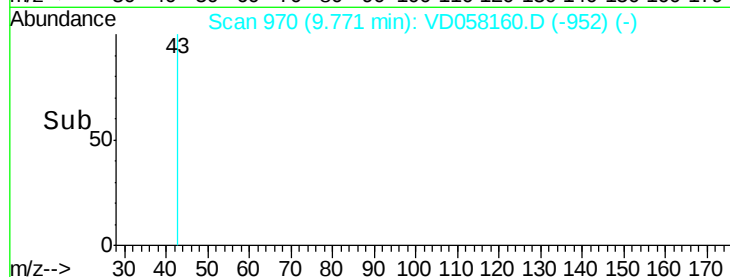
300

200

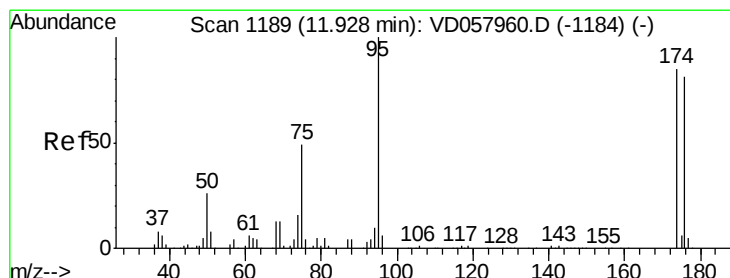
100

0

9.76 9.78 9.80



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

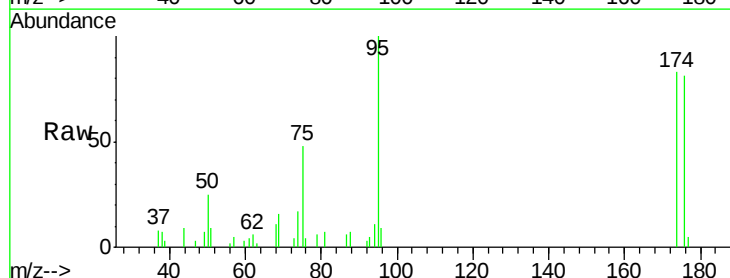
Tgt Ion: 95 Resp: 18219

Ion Ratio Lower Upper

95 100

174 83.1 0.0 169.4

176 81.0 0.0 162.6



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

11.93

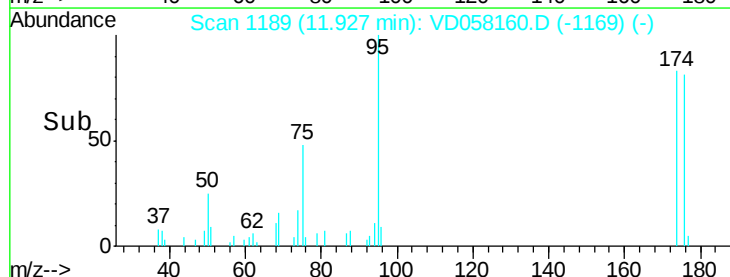
15000

10000

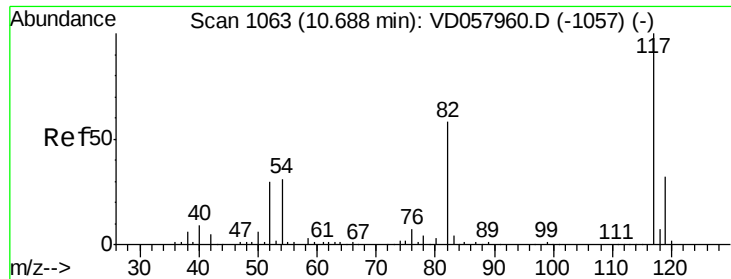
5000

0

11.85 11.90 11.95 12.00



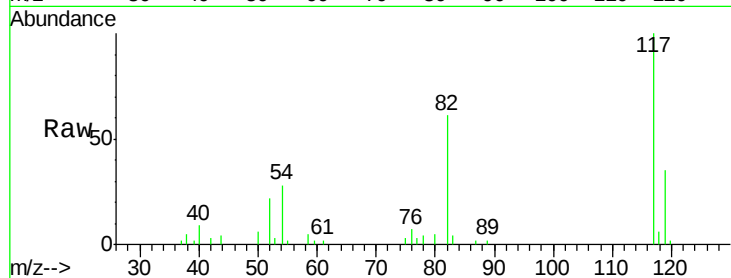
Time-->



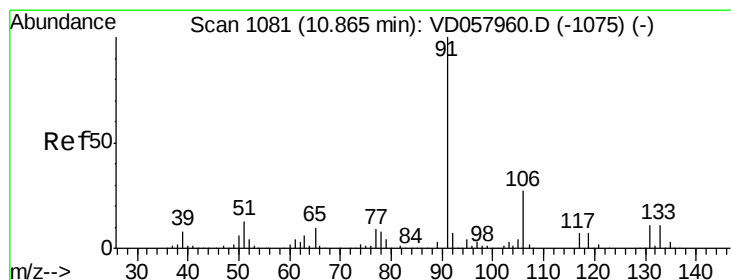
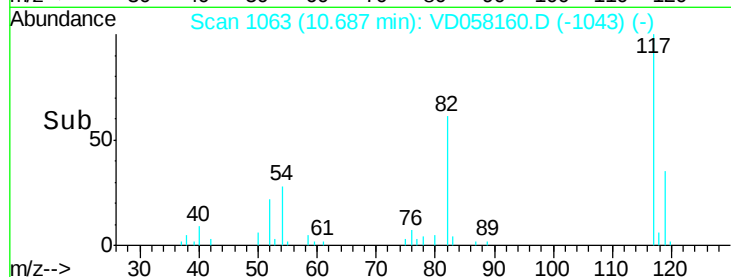
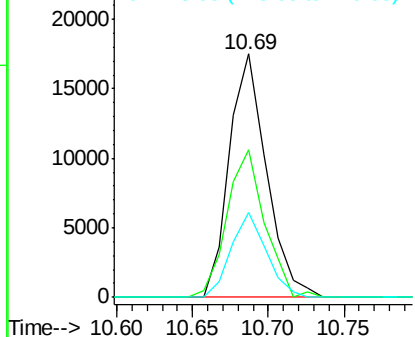
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 29967
Ion Ratio Lower Upper
117 100
82 60.8 46.8 70.2
119 34.9 25.8 38.6

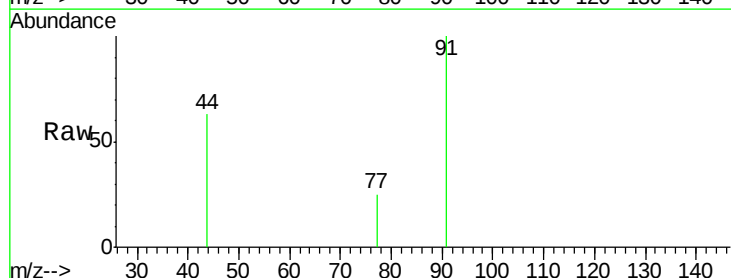


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

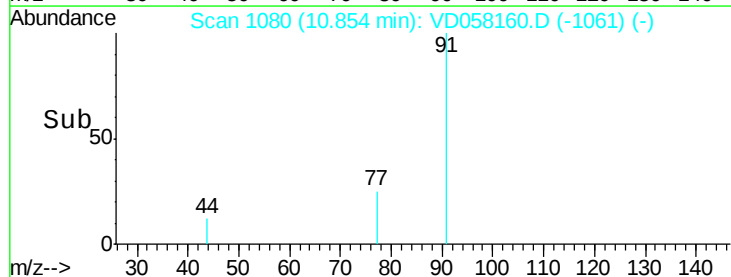
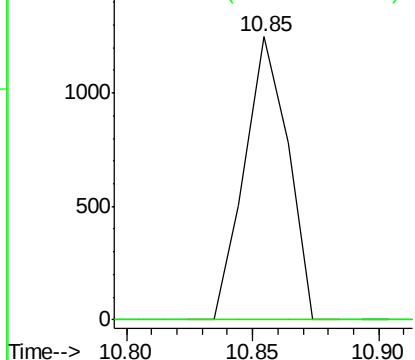


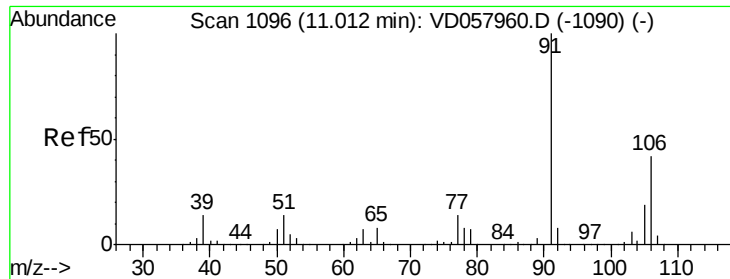
#67
Ethyl Benzene
Concen: 1.363 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Tgt Ion: 91 Resp: 1494
Ion Ratio Lower Upper
91 100
106 0.0 21.5 32.3#



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

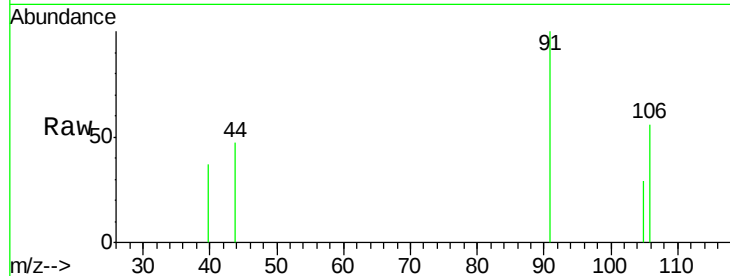




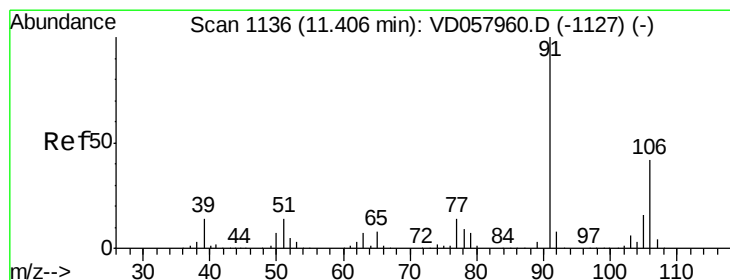
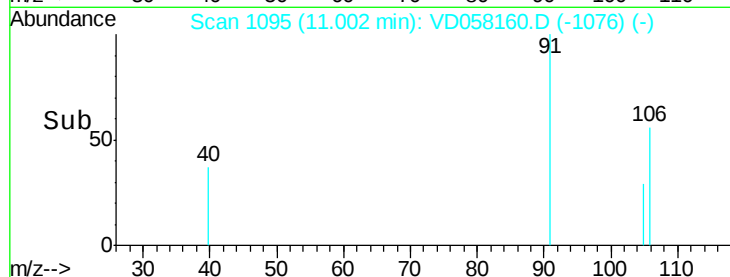
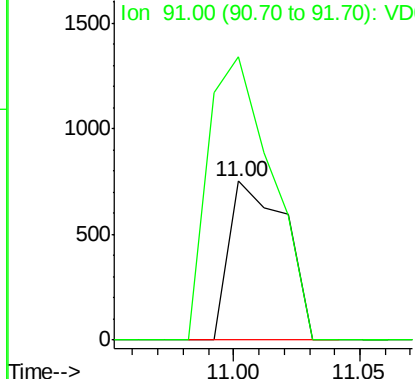
#68
m/p-Xylenes
Concen: 3.261 ug/l
RT: 11.00 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 1165
Ion Ratio Lower Upper
106 100
91 177.8 190.4 285.6#

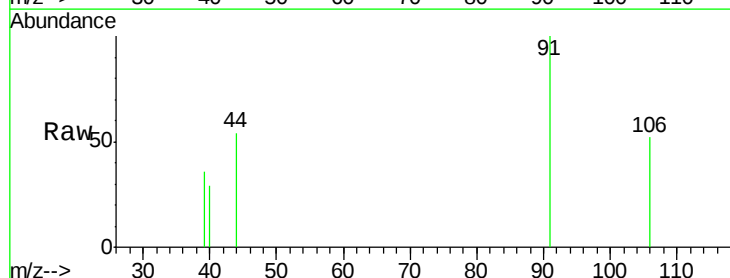


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

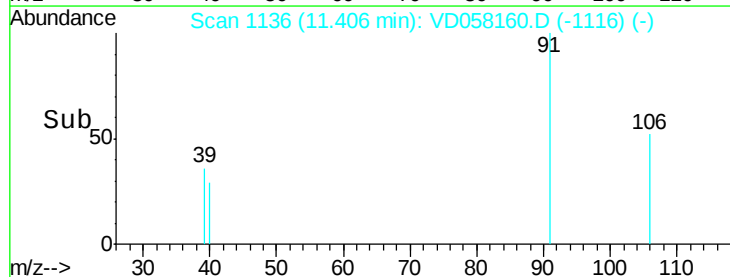
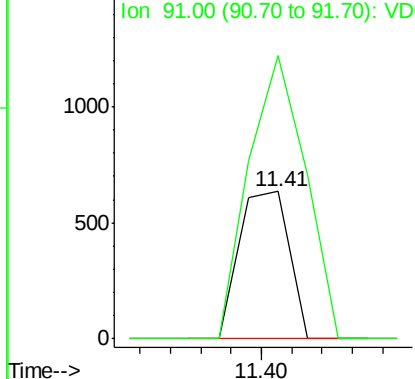


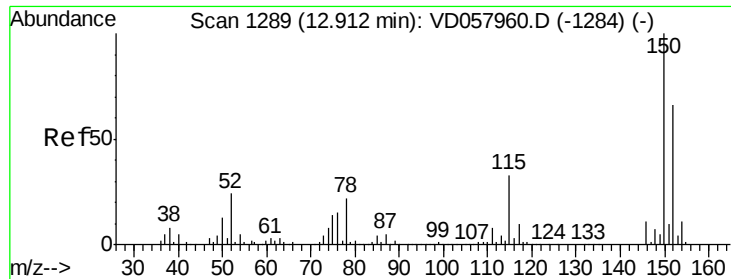
#69
o-Xylene
Concen: 2.072 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Tgt Ion:106 Resp: 735
Ion Ratio Lower Upper
106 100
91 191.8 120.6 361.7



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

ClientSampleId :

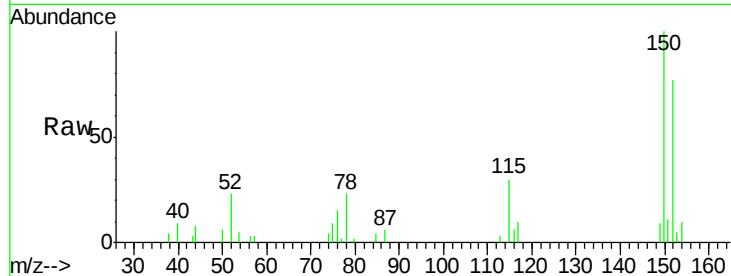
Tot Ion:152 Resp: 14486

Ion Ratio Lower Upper

152 100

115 38.9 25.6 76.6

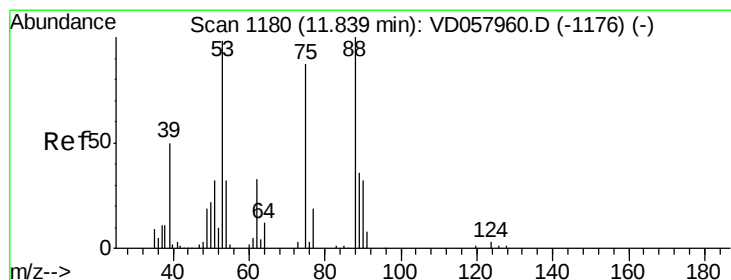
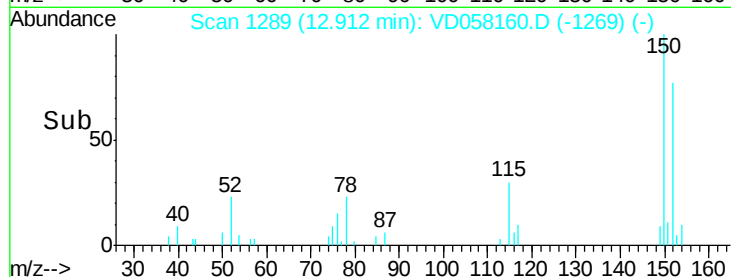
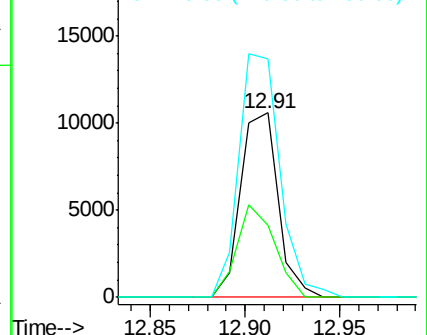
150 129.2 0.0 306.8



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: 169.436 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

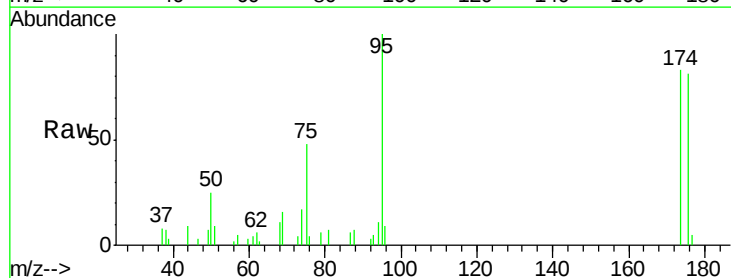
Tgt Ion: 75 Resp: 9132

Ion Ratio Lower Upper

75 100

53 0.0 89.3 133.9#

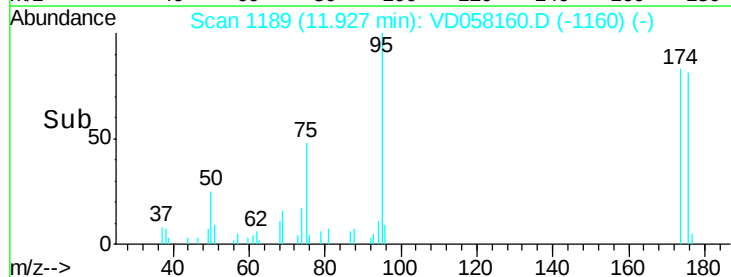
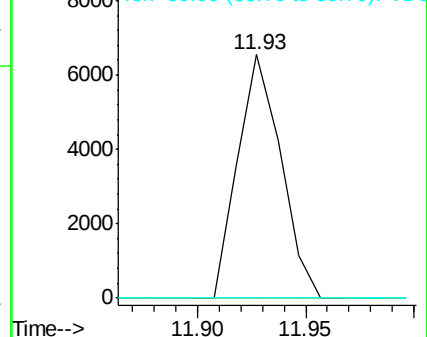
89 0.0 33.3 49.9#

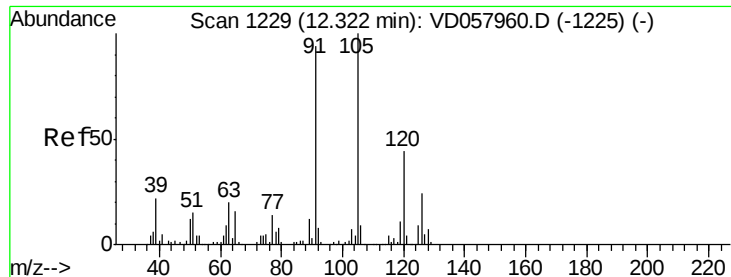


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

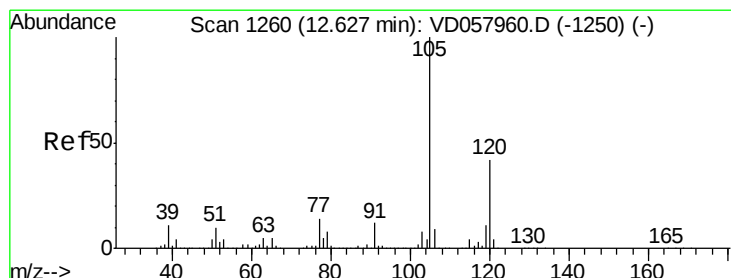
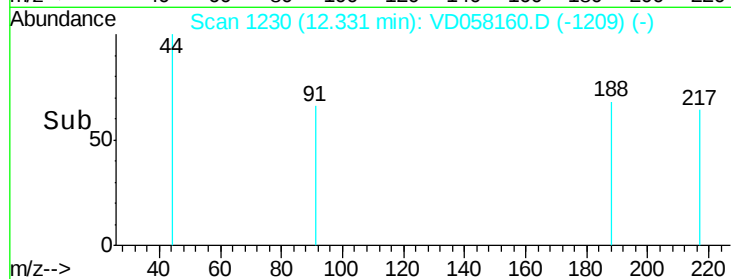
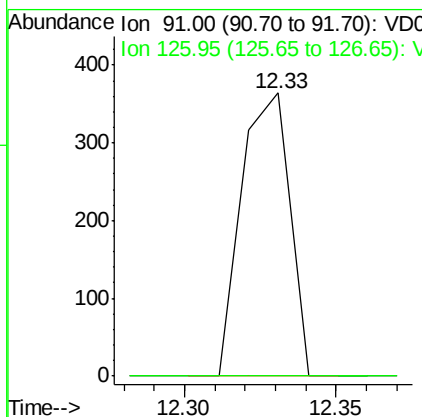
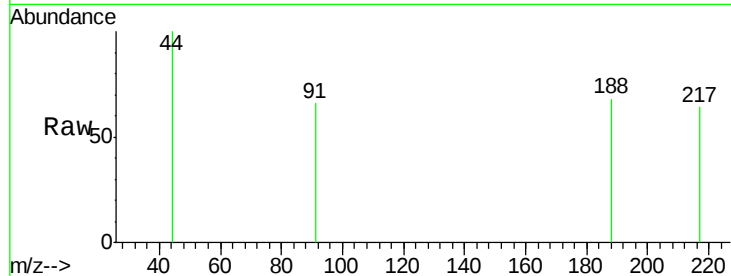




#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.33 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VD058160.D
 Acq: 15 Jun 2018 19:00

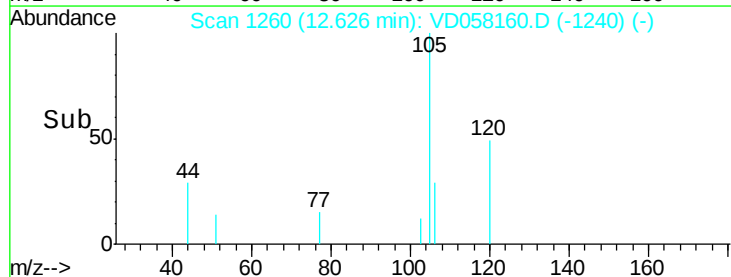
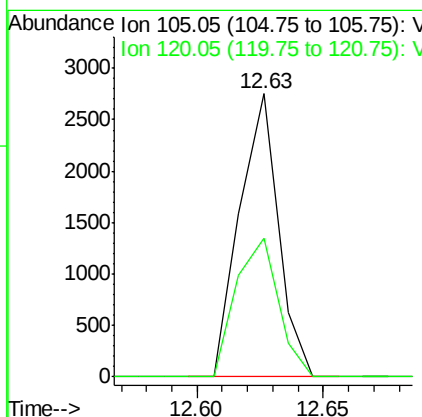
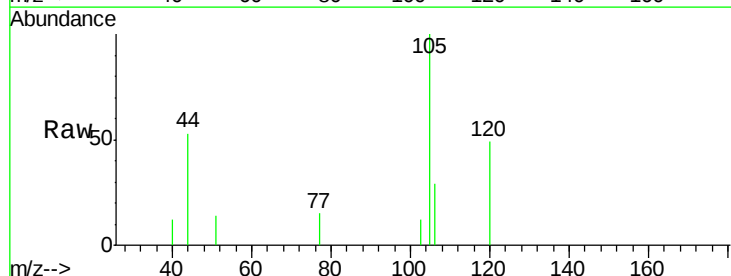
Instrument :
 MSVOA_D
 ClientSampled :

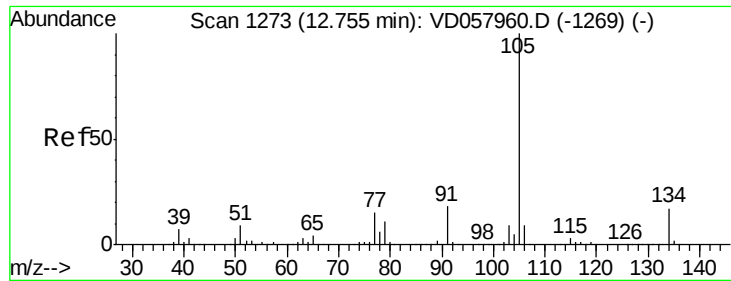
Tot Ion: 91 Resp: 402
 Ion Ratio Lower Upper
 91 100
 126 0.0 12.5 37.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.646 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VD058160.D
 Acq: 15 Jun 2018 19:00

Tgt Ion: 105 Resp: 2933
 Ion Ratio Lower Upper
 105 100
 120 48.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 2.876 ug/l

RT: 12.63 min Scan# 1260

Delta R.T. -0.13 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

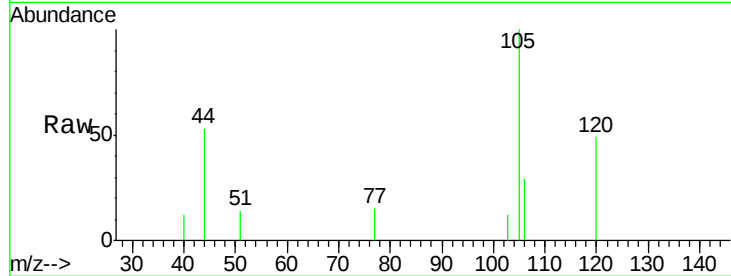
ClientSampleId :

Tot Ion:105 Resp: 2933

Ion Ratio Lower Upper

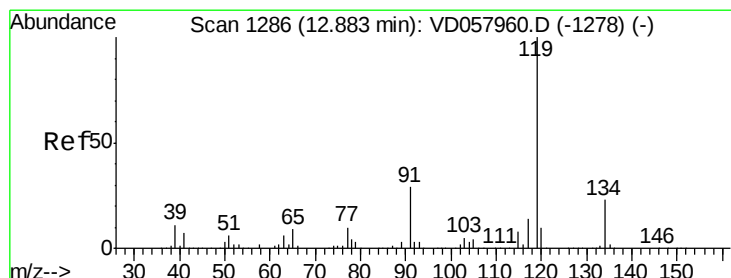
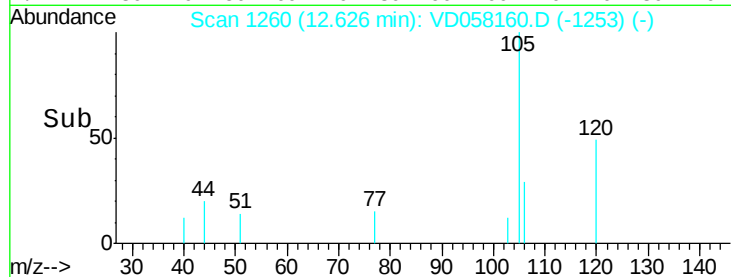
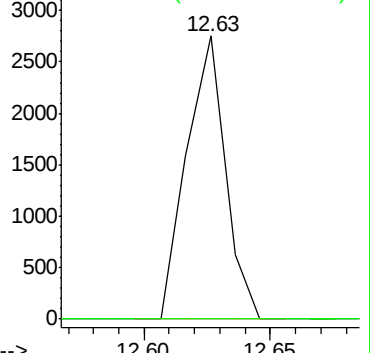
105 100

134 0.0 8.3 25.1#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 1.320 ug/l

RT: 12.89 min Scan# 1287

Delta R.T. 0.01 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

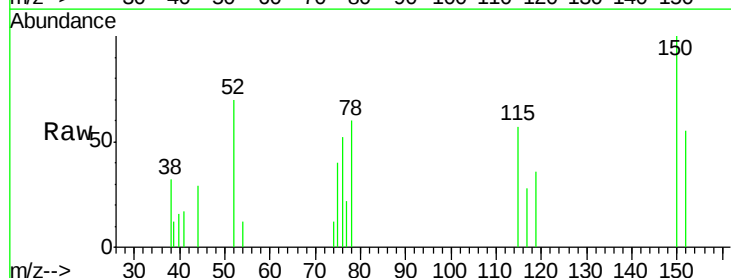
Tgt Ion:119 Resp: 1085

Ion Ratio Lower Upper

119 100

134 0.0 11.5 34.4#

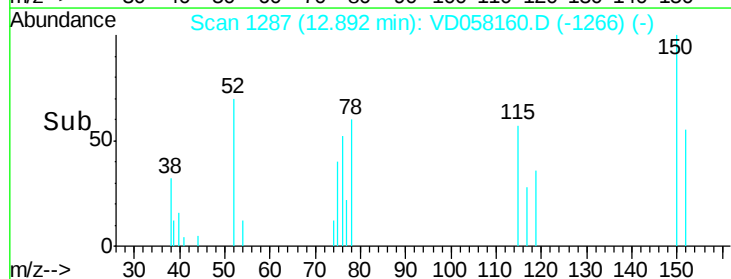
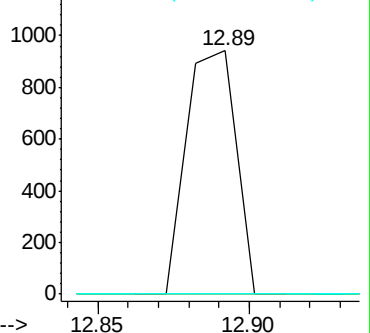
91 0.0 14.5 43.6#

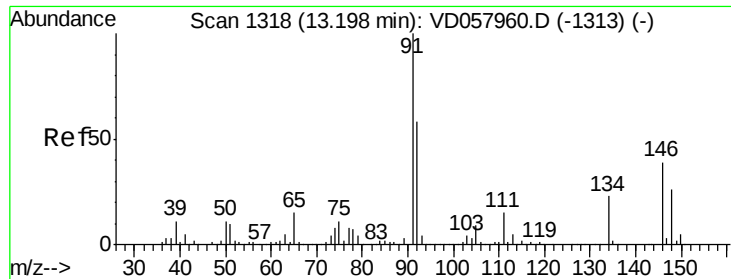


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

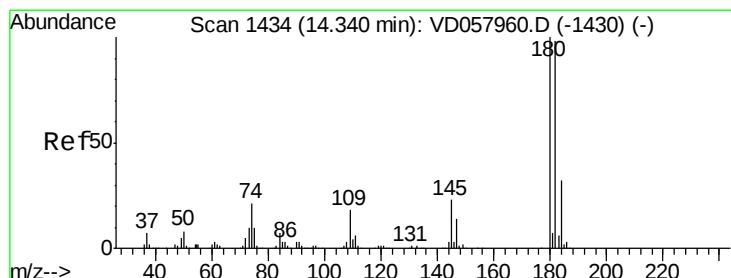
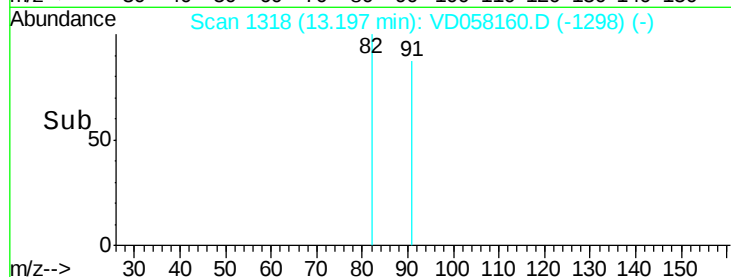
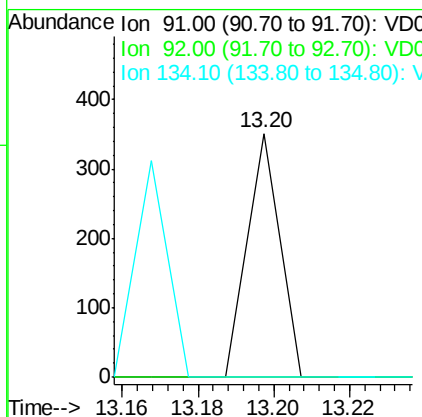
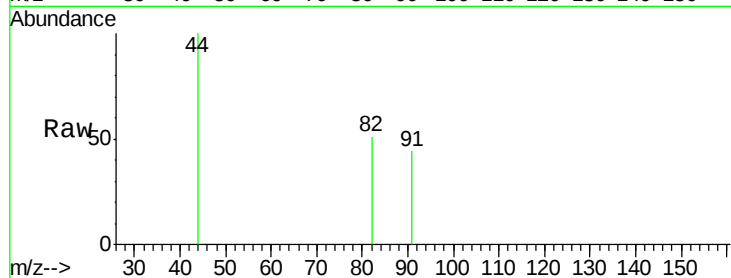




#89
n-Butylbenzene
Concen: Below Cal
RT: 13.20 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

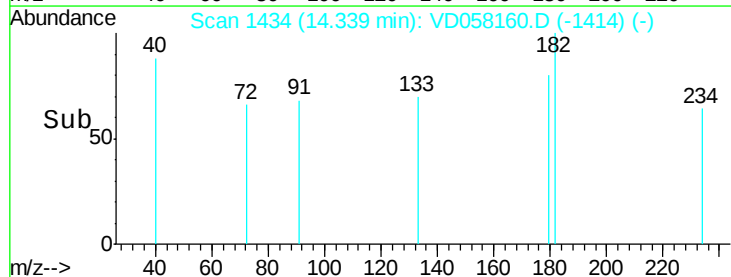
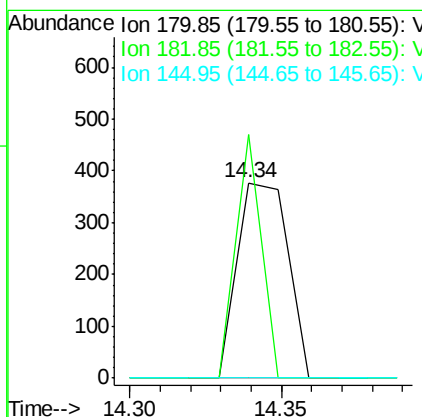
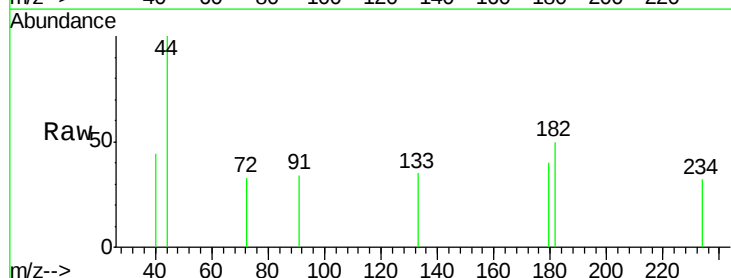
Instrument :
MSVOA_D
ClientSampleId :

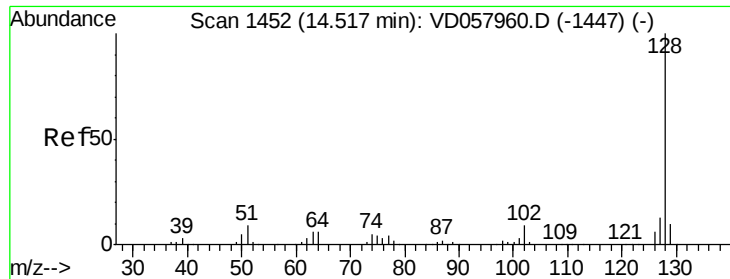
Tot Ion: 91 Resp: 207
Ion Ratio Lower Upper
91 100
92 0.0 29.2 87.6#
134 0.0 11.3 33.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.205 ug/l
RT: 14.34 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Tgt Ion: 180 Resp: 437
Ion Ratio Lower Upper
180 100
182 124.7 49.0 147.2
145 0.0 11.8 35.3#

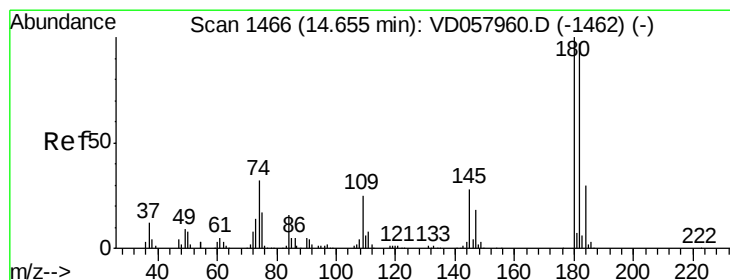
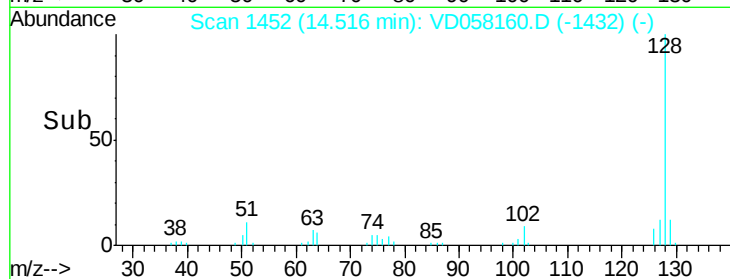
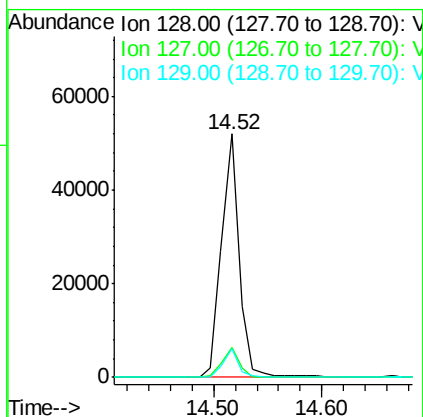
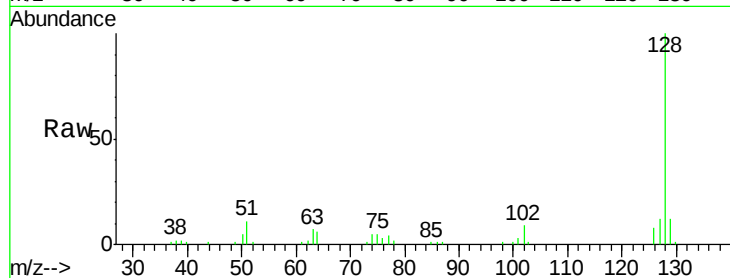




#95
Naphthalene
Concen: 127.007 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 59398
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 11.6 8.2 12.2



#96
1,2,3-Trichlorobenzene
Concen: 1.375 ug/l
RT: 14.66 min Scan# 1467
Delta R.T. 0.01 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Tgt Ion:180 Resp: 425
Ion Ratio Lower Upper
180 100
182 0.0 48.5 145.5#
145 115.9 14.2 42.8#

