

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091918\
 Data File : VD060040.D
 Acq On : 19 Sep 2018 13:40
 Operator : JC/SY
 Sample : J4979-01RE
 Misc : 7.47g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 20 05:43:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	18340	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	27911	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	22808	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	11230	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	8226	57.52	ug/l	0.01
Spiked Amount			Recovery	=	115.04%	
35) Dibromofluoromethane	6.32	113	5794	26.57	ug/l	0.02
Spiked Amount			Recovery	=	53.14%	
50) Toluene-d8	9.46	98	19125	31.65	ug/l	0.02
Spiked Amount			Recovery	=	63.30%	
62) 4-Bromofluorobenzene	12.44	95	8426	36.50	ug/l	0.02
Spiked Amount			Recovery	=	73.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.78	50	1305	7.63	ug/l #	43
5) Bromomethane	2.19	94	3957	243.18	ug/l	95
10) Methyl Iodide	3.29	142	4833	47.81	ug/l #	85
13) Acrolein	2.99	56	190	26.59	ug/l #	34
14) Allyl chloride	3.55	41	231	1.45	ug/l #	19
16) Acetone	3.15	43	8932	323.47	ug/l	96
18) Methyl Acetate	3.54	43	805	14.33	ug/l #	64
20) Methylene Chloride	3.72	84	1174	Below Cal	#	89
23) Vinyl Acetate	4.80	43	1118	2.72	ug/l #	80
25) 2-Butanone	5.63	43	1220	16.37	ug/l #	61
29) Tetrahydrofuran	5.94	42	975	24.40	ug/l #	41
36) 1,1-Dichloropropene	6.39	75	943	3.40	ug/l #	40
37) Ethyl Acetate	5.67	43	237	1.24	ug/l #	72
38) Carbon Tetrachloride	6.42	117	1024	3.96	ug/l #	12
41) Methacrylonitrile	5.97	41	234	2.34	ug/l #	41
51) 4-Methyl-2-Pentanone	9.34	43	178	Below Cal	#	42
55) 1,1,2-Trichloroethane	10.35	97	246	1.56	ug/l #	14
59) 2-Hexanone	10.50	43	1121	Below Cal	#	30
64) Tetrachloroethene	10.21	164	670	3.33	ug/l #	1
76) 1,2,3-Trichloropropane	12.56	75	1011	5.89	ug/l #	42
77) Bromobenzene	12.54	156	322	1.52	ug/l	75
79) 2-Chlorotoluene	12.71	91	639	1.22	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.43	75	3405	65.77	ug/l #	15
82) 4-Chlorotoluene	12.81	91	1291	2.25	ug/l #	44
87) 1,3-Dichlorobenzene	13.31	146	1056	2.86	ug/l	85
88) 1,4-Dichlorobenzene	13.39	146	1667	4.45	ug/l	70
89) n-Butylbenzene	13.65	91	757	Below Cal	#	77
91) 1,2-Dichlorobenzene	13.67	146	1205	1.97	ug/l	92
93) 1,2,4-Trichlorobenzene	14.79	180	1436	5.46	ug/l	92
94) Hexachlorobutadiene	14.89	225	182	1.05	ug/l #	19
95) Naphthalene	14.97	128	3430	8.45	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.12	180	1546	6.67	ug/l	92

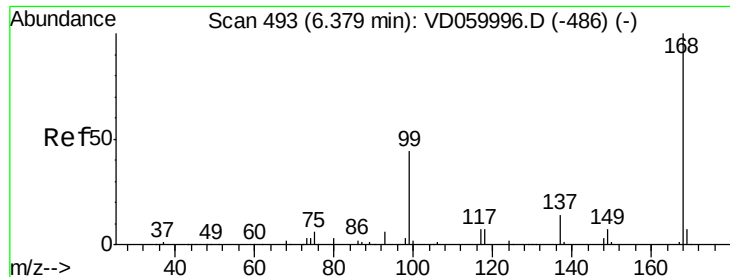
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091918\
Data File : VD060040.D
Acq On : 19 Sep 2018 13:40
Operator : JC/SY
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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

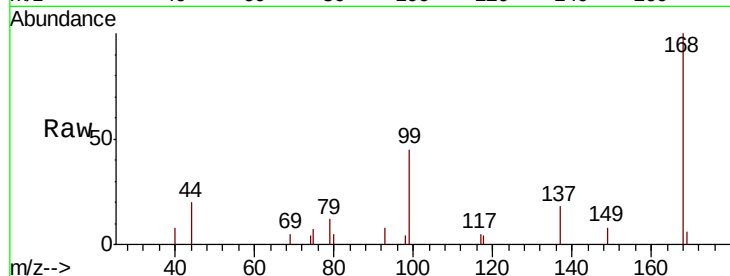
ClientSampleId :

Tot Ion:168 Resp: 18340

Ion Ratio Lower Upper

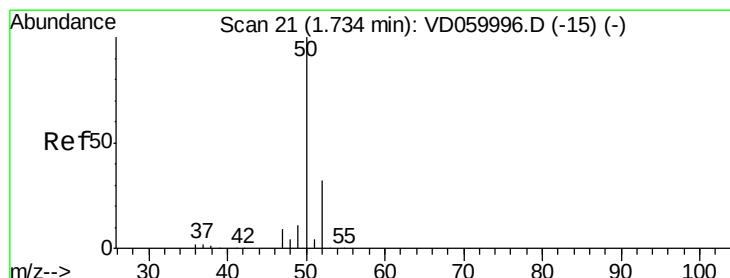
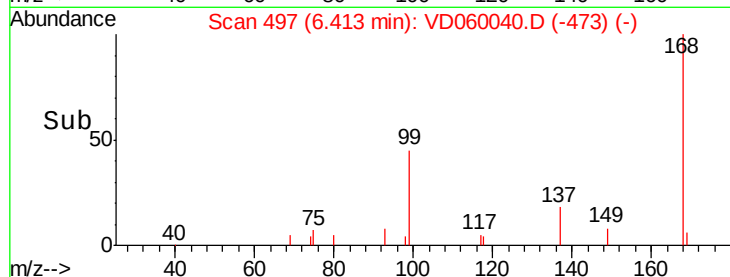
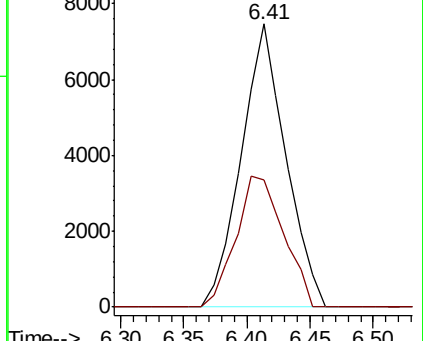
168 100

99 44.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 7.63 ug/l

RT: 1.78 min Scan# 26

Delta R.T. 0.04 min

Lab File: VD060040.D

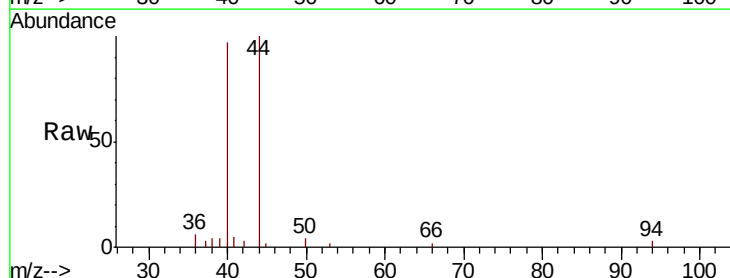
Acq: 19 Sep 2018 13:40

Tgt Ion: 50 Resp: 1305

Ion Ratio Lower Upper

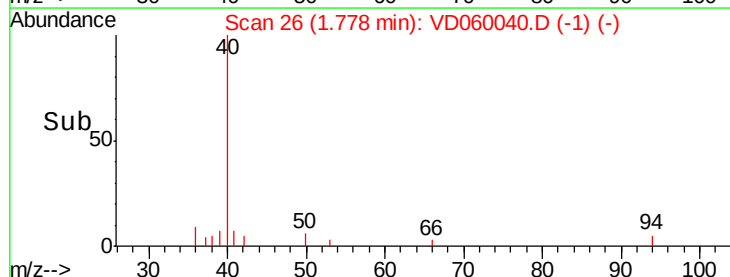
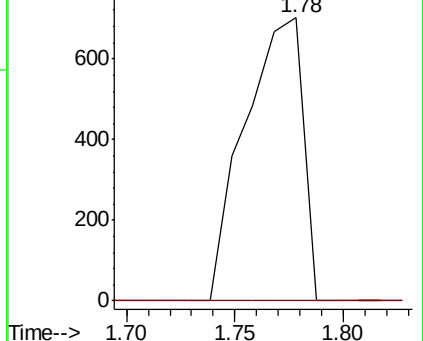
50 100

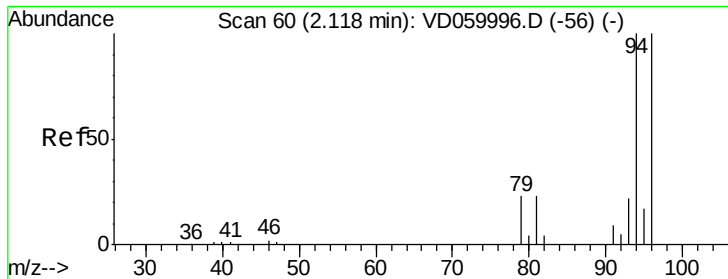
52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 243.18 ug/l

RT: 2.19 min Scan# 68

Delta R.T. 0.07 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

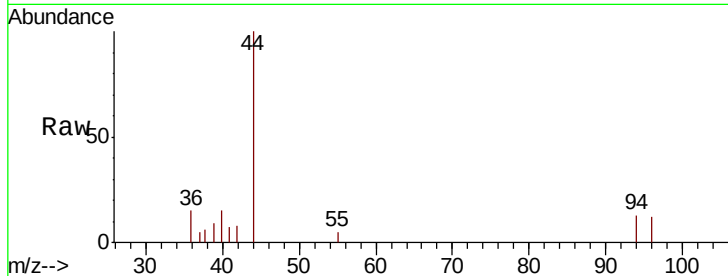
ClientSampleId :

Tot Ion: 94 Resp: 3957

Ion Ratio Lower Upper

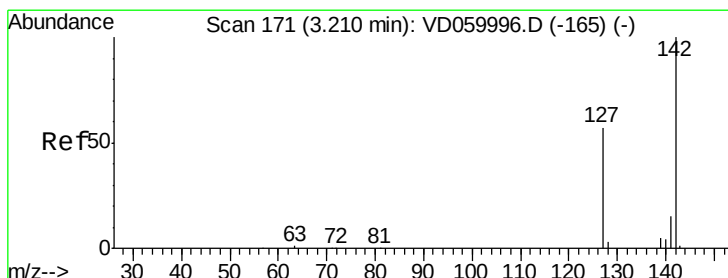
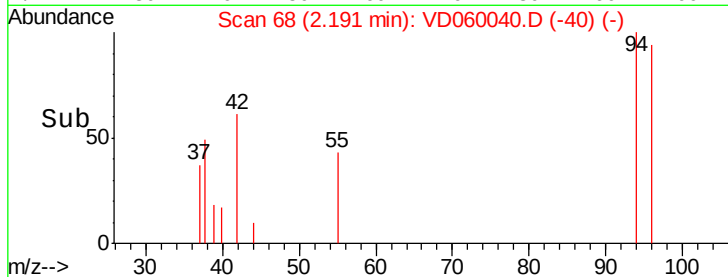
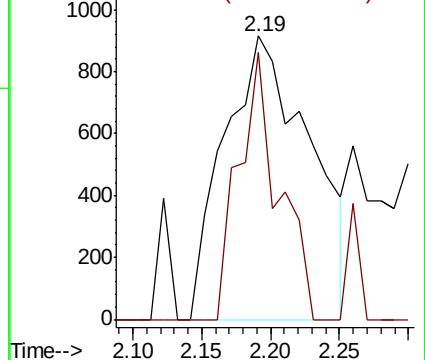
94 100

96 94.4 79.8 119.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#10

Methyl Iodide

Concen: 47.81 ug/l

RT: 3.29 min Scan# 180

Delta R.T. 0.08 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

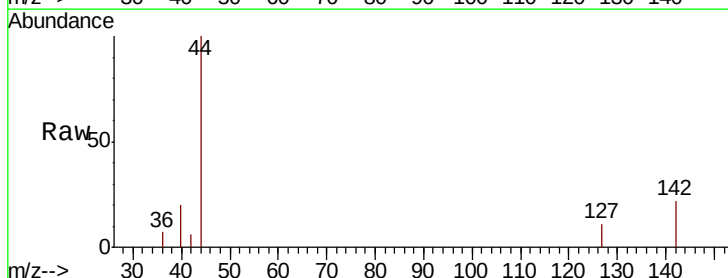
Tgt Ion: 142 Resp: 4833

Ion Ratio Lower Upper

142 100

127 50.3 45.8 68.8

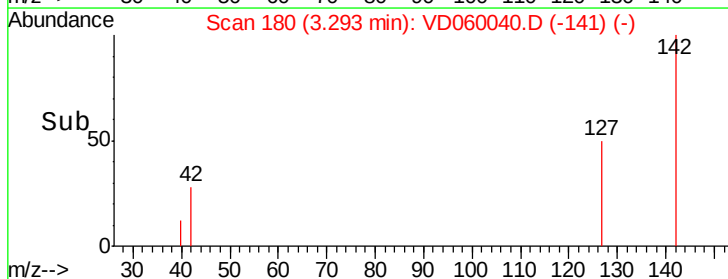
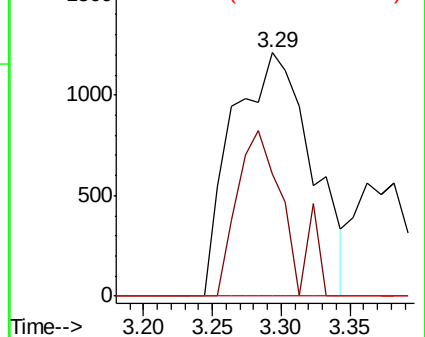
141 0.0 12.2 18.4#

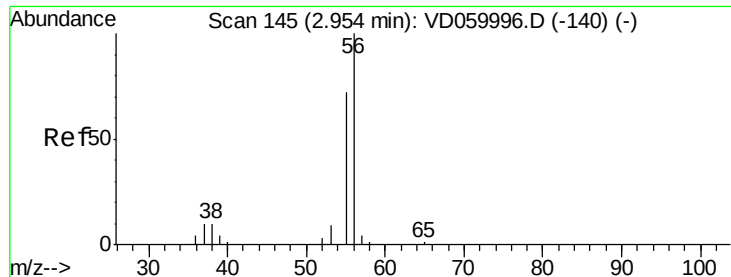


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#13

Acrolein

Concen: 26.59 ug/l

RT: 2.99 min Scan# 149

Delta R.T. 0.03 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

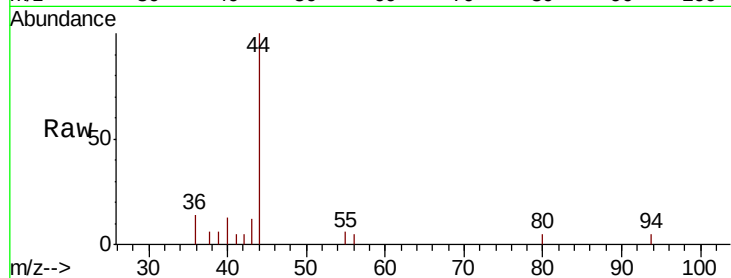
ClientSampleId :

Tot Ion: 56 Resp: 190

Ion Ratio Lower Upper

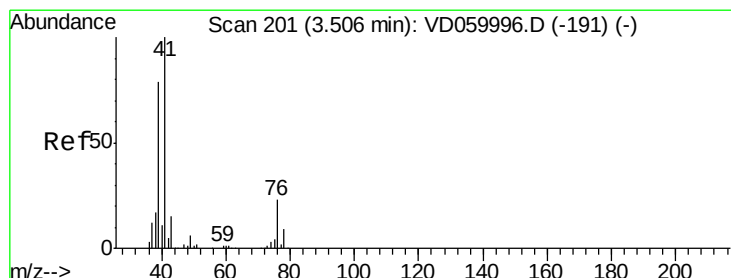
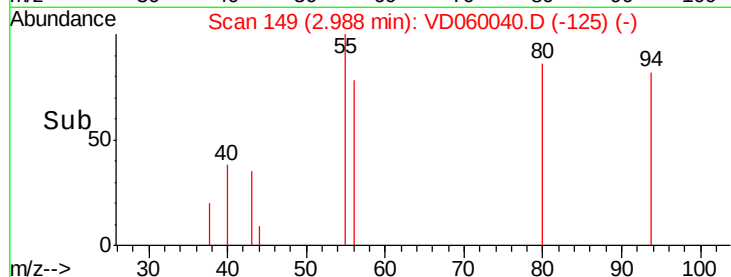
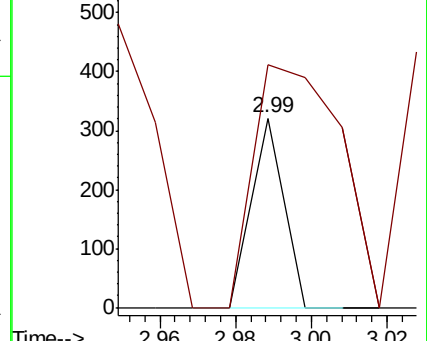
56 100

55 128.0 58.3 87.5#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 1.45 ug/l

RT: 3.55 min Scan# 206

Delta R.T. 0.04 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

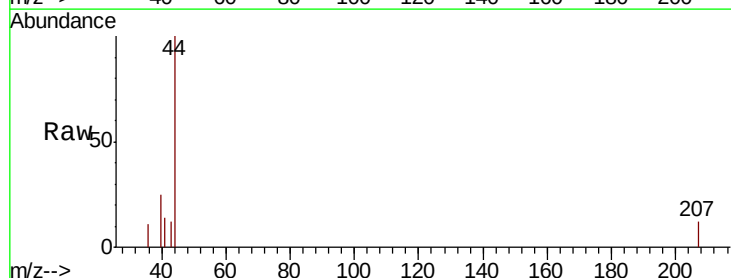
Tgt Ion: 41 Resp: 231

Ion Ratio Lower Upper

41 100

39 0.0 63.6 95.4#

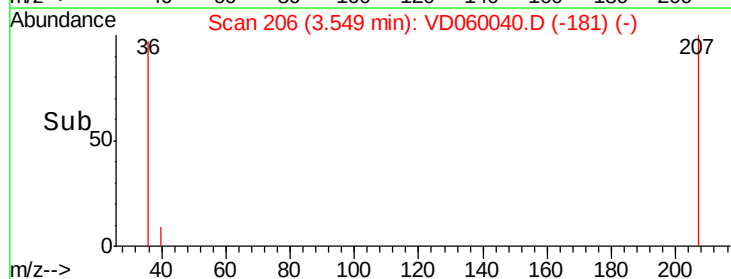
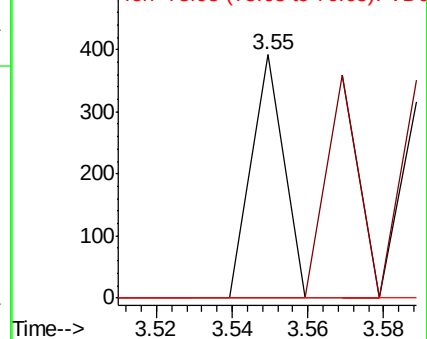
76 0.0 21.1 31.7#

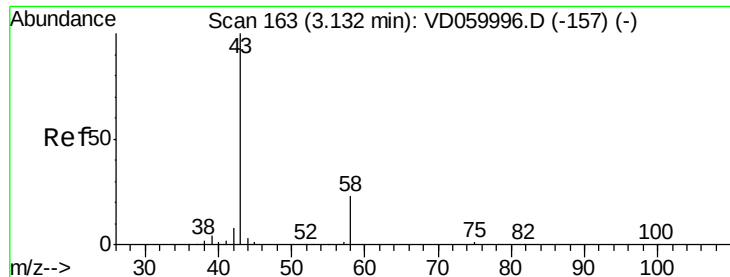


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#16

Acetone

Concen: 323.47 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

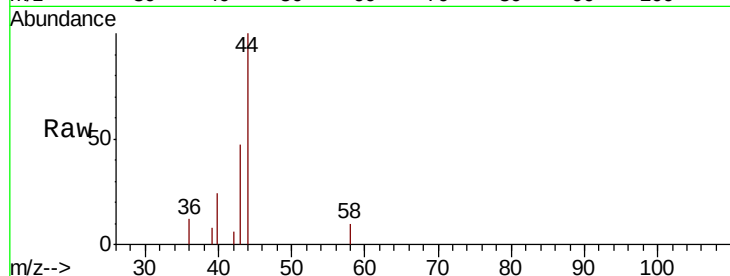
ClientSampleId :

Tot Ion: 43 Resp: 8932

Ion Ratio Lower Upper

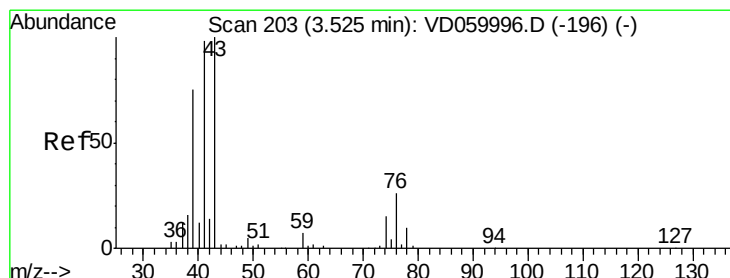
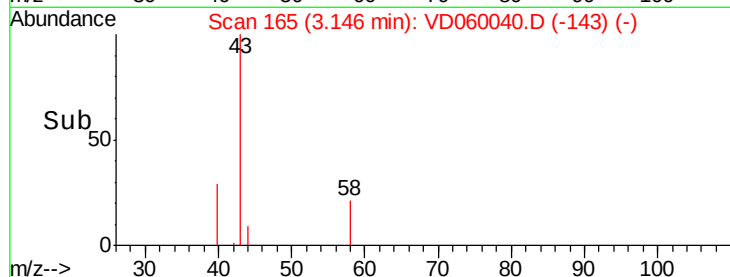
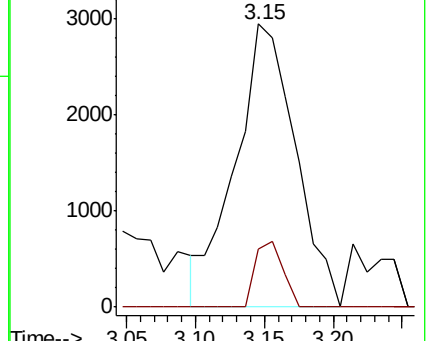
43 100

58 20.6 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 14.33 ug/l

RT: 3.54 min Scan# 205

Delta R.T. 0.01 min

Lab File: VD060040.D

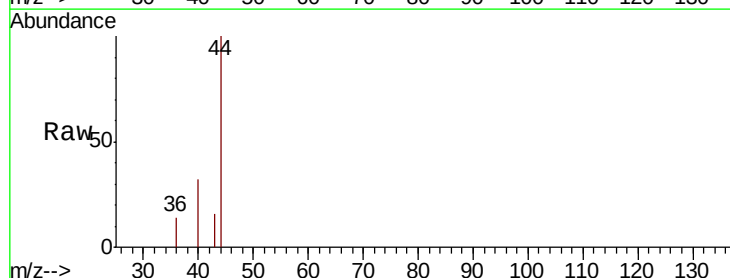
Acq: 19 Sep 2018 13:40

Tgt Ion: 43 Resp: 805

Ion Ratio Lower Upper

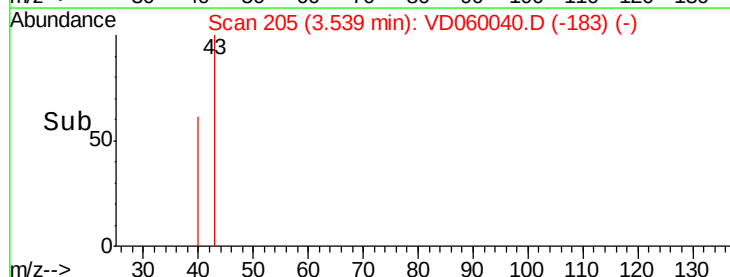
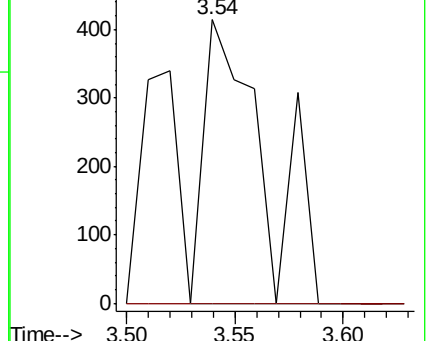
43 100

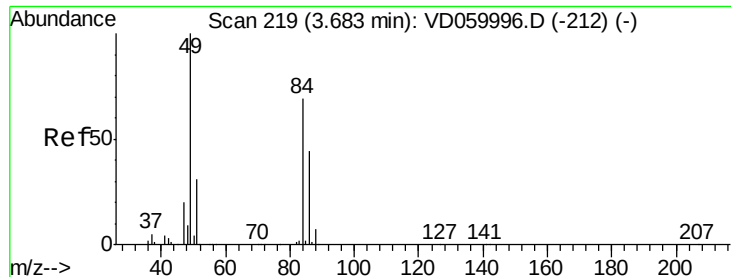
74 0.0 11.8 17.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

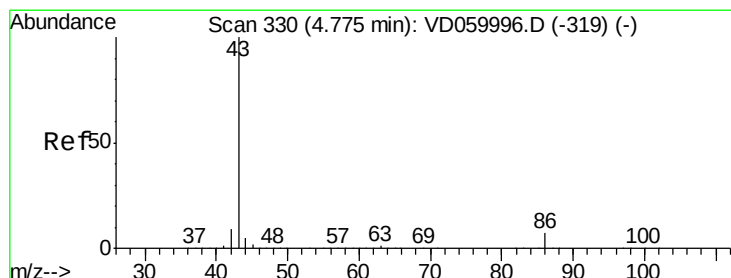
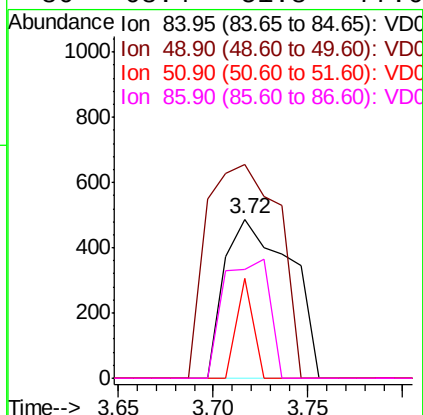
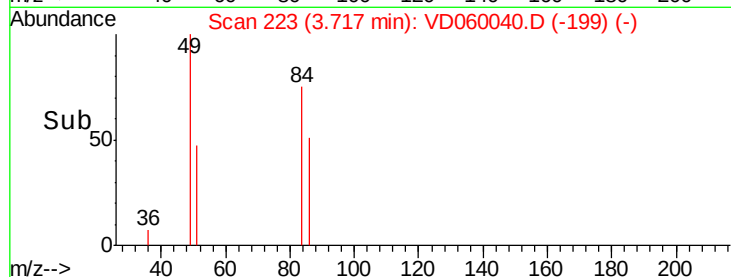
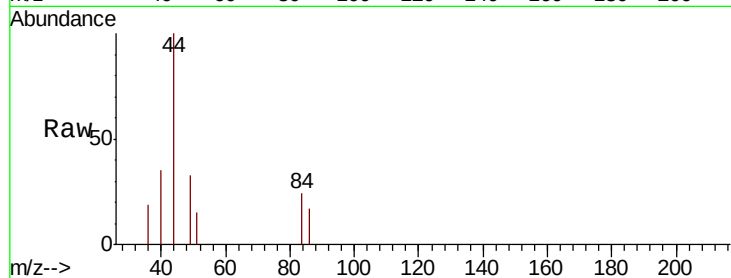




#20
Methylene Chloride
Concen: Below Cal
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060040.D
Acq: 19 Sep 2018 13:40

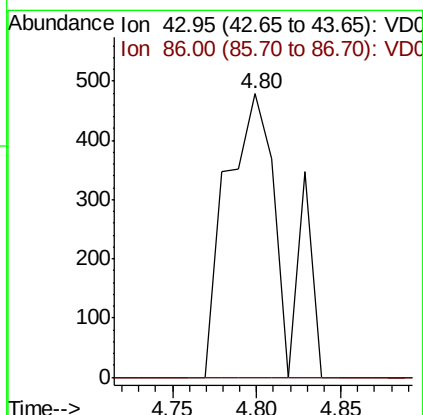
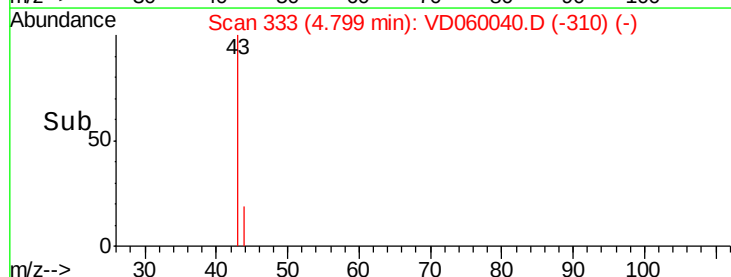
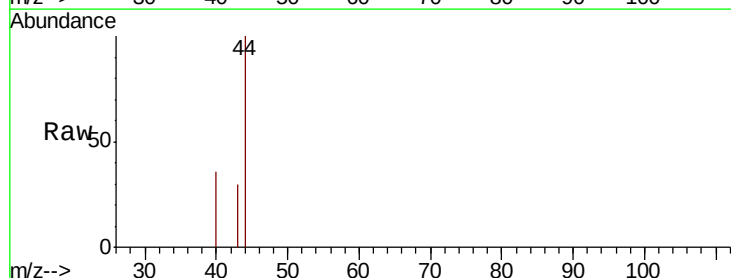
Instrument :
MSVOA_D
ClientSampleId :

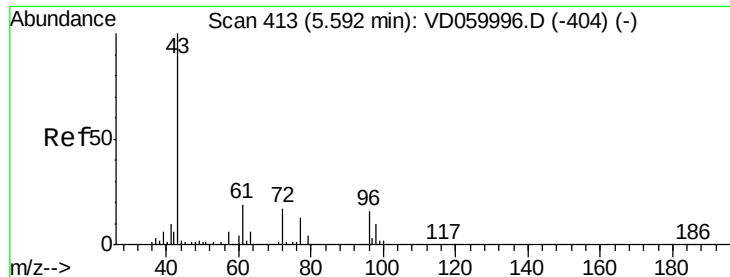
Tot Ion: 84 Resp: 1174
Ion Ratio Lower Upper
84 100
49 134.2 116.6 175.0
51 62.5 35.9 53.9#
86 68.4 51.8 77.6



#23
Vinyl Acetate
Concen: 2.72 ug/l
RT: 4.80 min Scan# 333
Delta R.T. 0.02 min
Lab File: VD060040.D
Acq: 19 Sep 2018 13:40

Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
86 0.0 5.5 8.3#





#25

2-Butanone

Concen: 16.37 ug/l

RT: 5.63 min Scan# 417

Delta R.T. 0.03 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

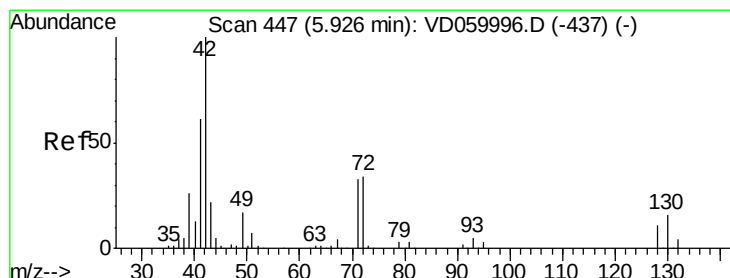
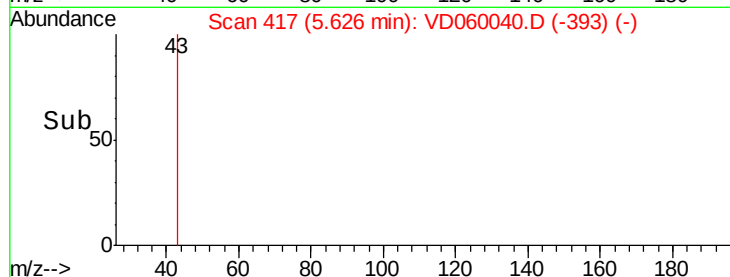
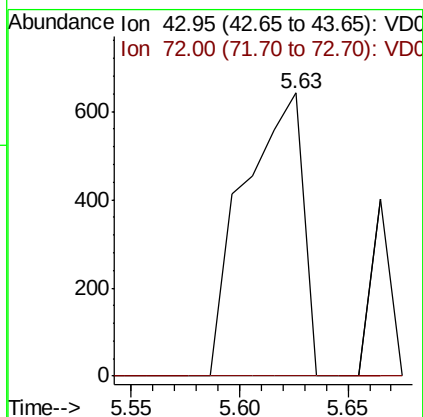
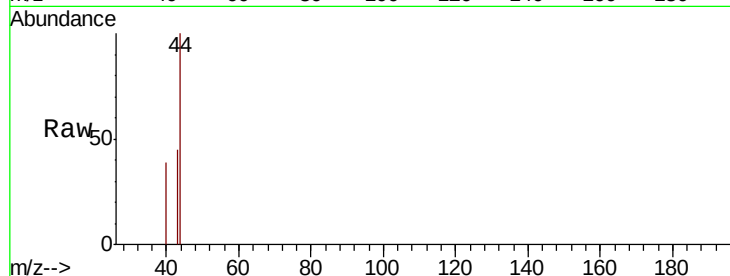
ClientSampleId :

Tot Ion: 43 Resp: 1220

Ion Ratio Lower Upper

43 100

72 0.0 13.6 20.4#



#29

Tetrahydrofuran

Concen: 24.40 ug/l

RT: 5.94 min Scan# 449

Delta R.T. 0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

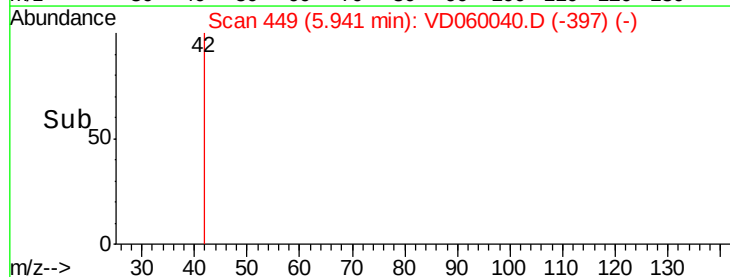
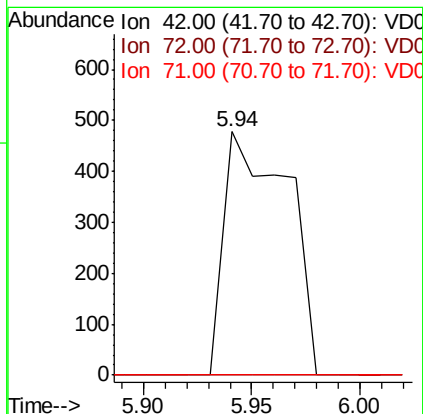
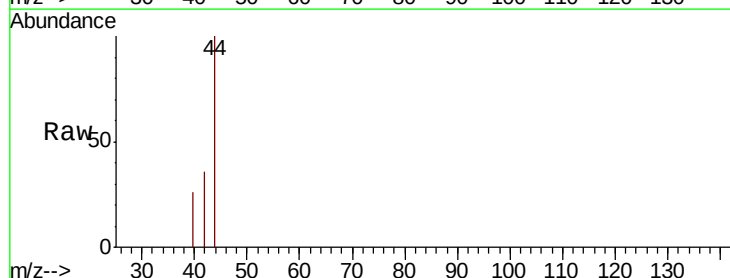
Tgt Ion: 42 Resp: 975

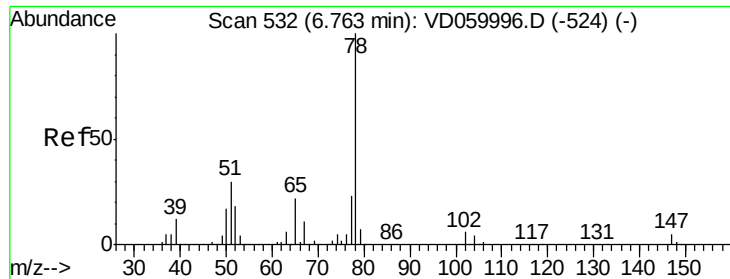
Ion Ratio Lower Upper

42 100

72 0.0 26.9 40.3#

71 0.0 26.2 39.4#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

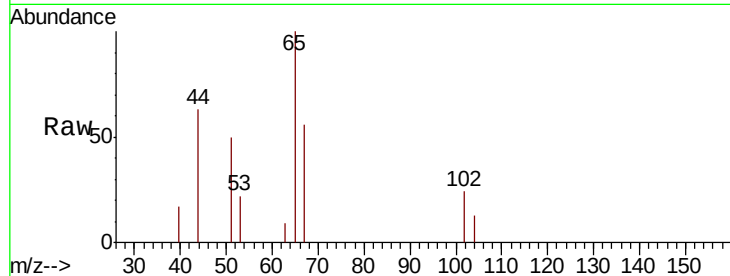
ClientSampleId :

Tot Ion: 65 Resp: 8226

Ion Ratio Lower Upper

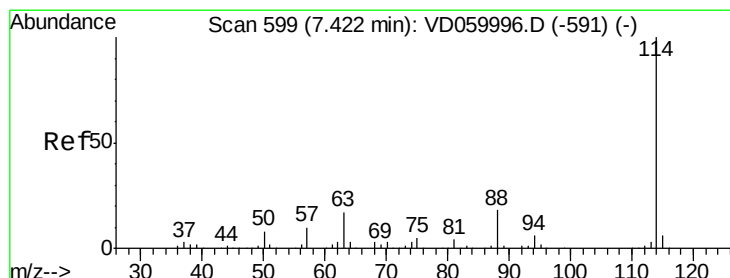
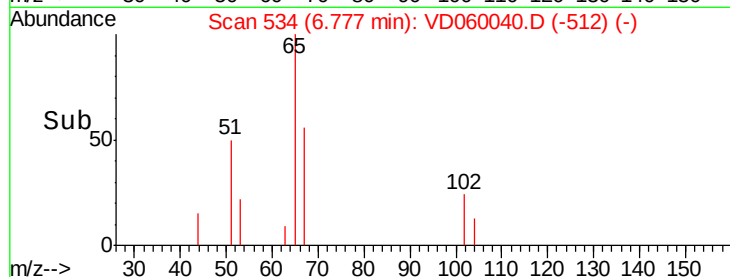
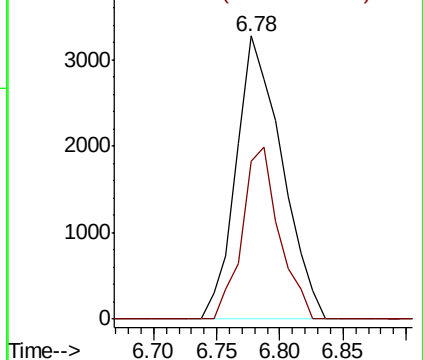
65 100

67 55.8 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 602

Delta R.T. 0.02 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

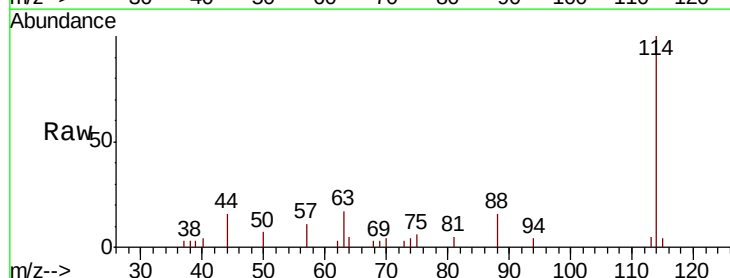
Tgt Ion: 114 Resp: 27911

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.4

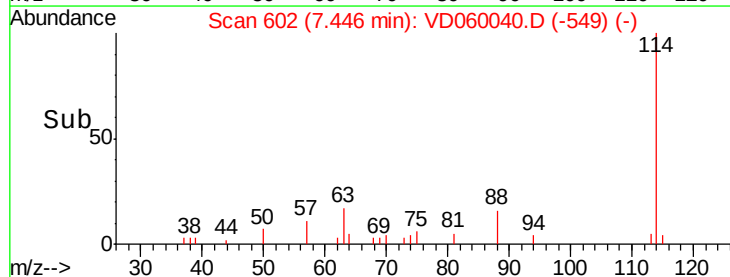
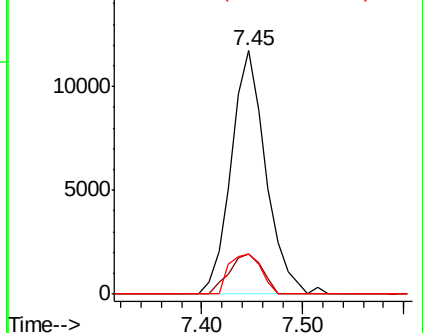
88 16.2 0.0 35.8

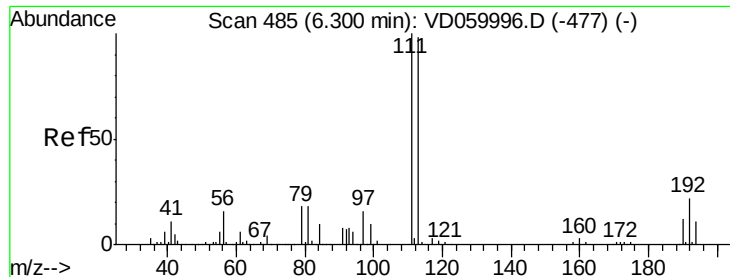


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

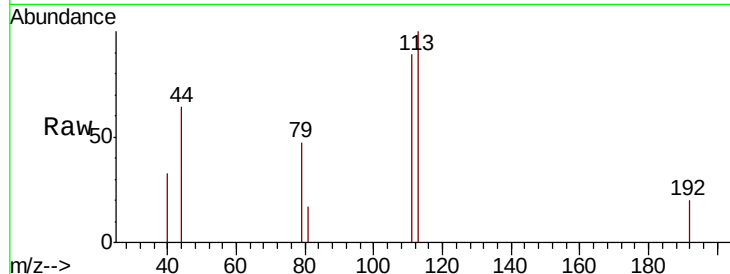




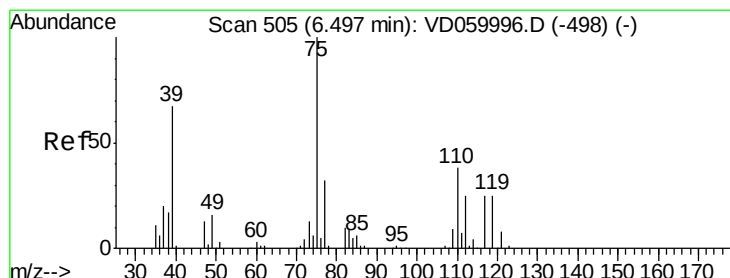
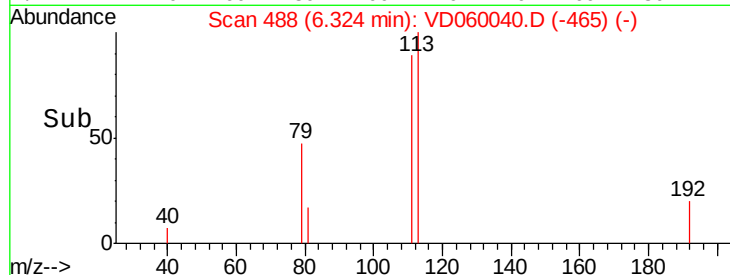
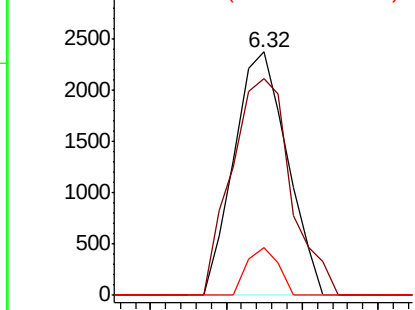
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. 0.02 min
 Lab File: VD060040.D
 Acq: 19 Sep 2018 13:40

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:113 Resp: 5794
 Ion Ratio Lower Upper
 113 100
 111 89.0 81.3 121.9
 192 19.7 18.1 27.1

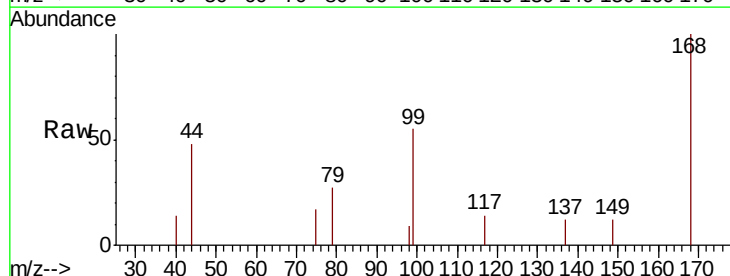


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

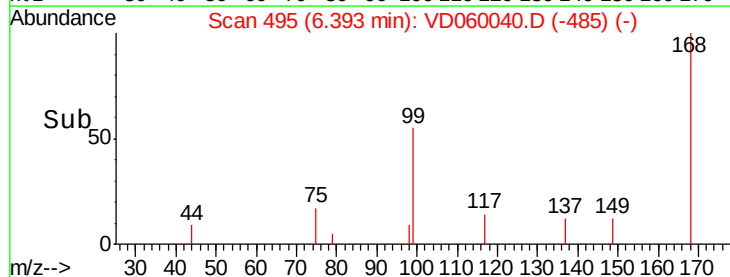
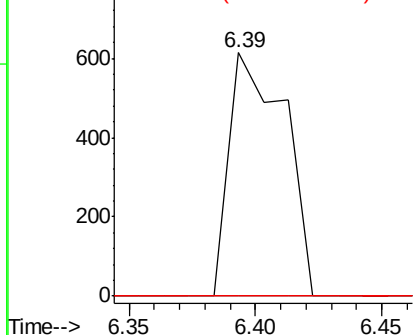


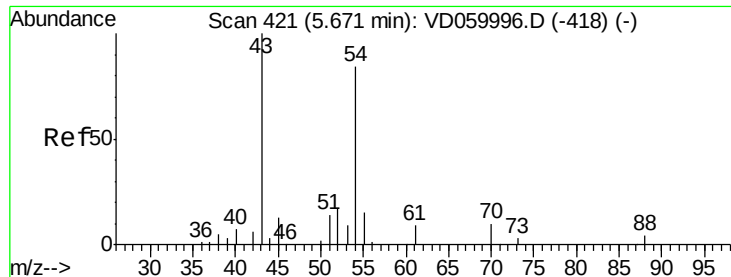
#36
 1,1-Dichloropropene
 Concen: 3.40 ug/l
 RT: 6.39 min Scan# 495
 Delta R.T. -0.10 min
 Lab File: VD060040.D
 Acq: 19 Sep 2018 13:40

Tgt Ion: 75 Resp: 943
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.9 56.9#
 77 0.0 25.3 37.9#



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





#37

Ethyl Acetate

Concen: 1.24 ug/l

RT: 5.67 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

ClientSampled :

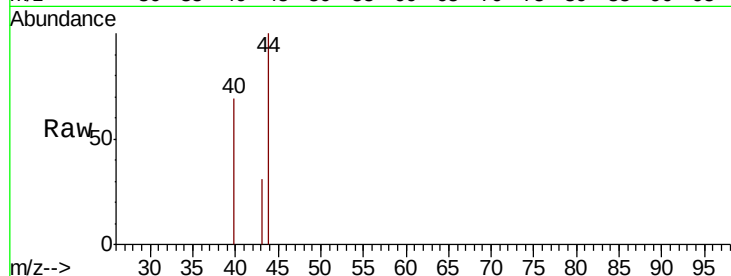
Tot Ion: 43 Resp: 237

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.2#

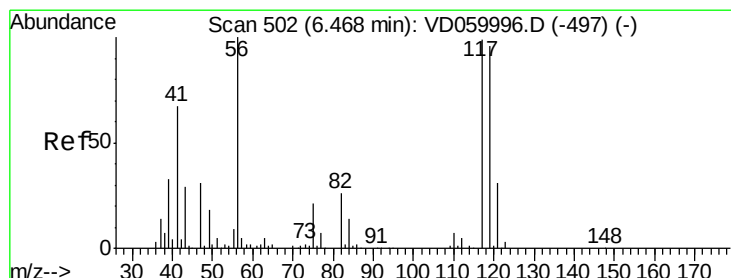
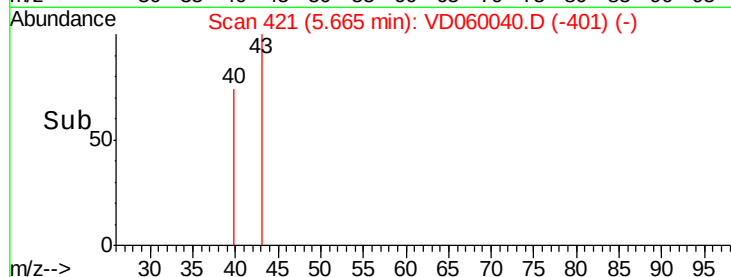
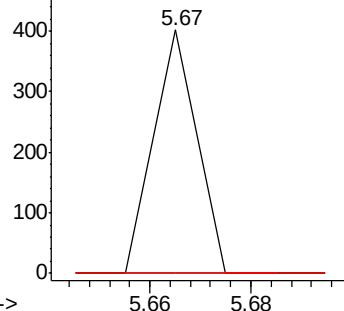
70 0.0 6.1 9.1#



Abundance Ion 42.95 (42.65 to 43.65): VD0

Ion 60.95 (60.65 to 61.65): VD0

Ion 70.00 (69.70 to 70.70): VD0



#38

Carbon Tetrachloride

Concen: 3.96 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.04 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

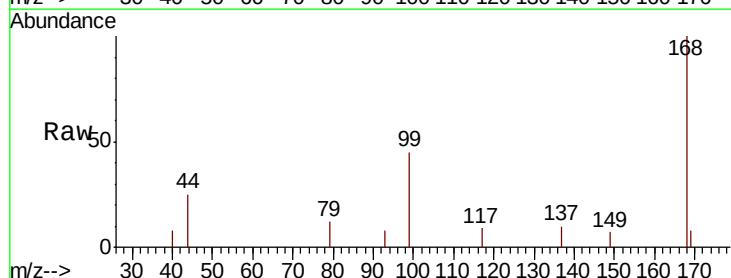
Tgt Ion: 117 Resp: 1024

Ion Ratio Lower Upper

117 100

119 0.0 76.7 115.1#

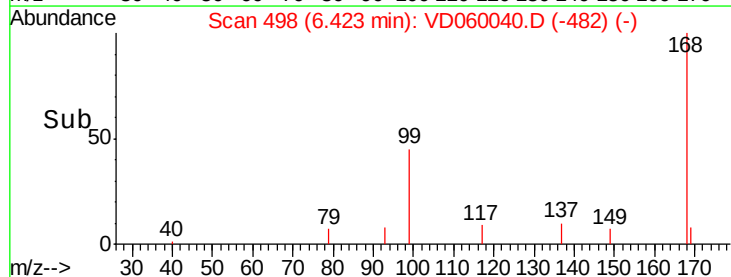
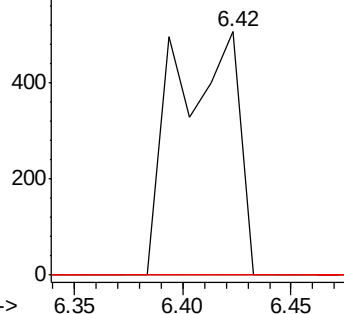
121 0.0 24.9 37.3#

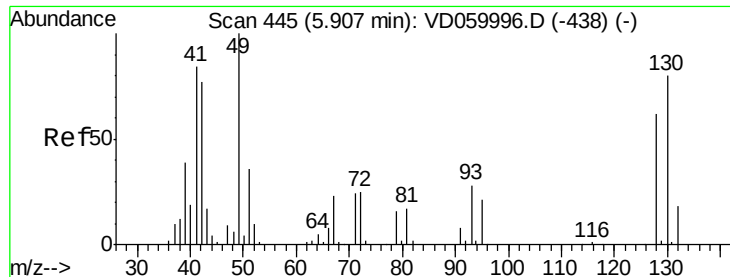


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

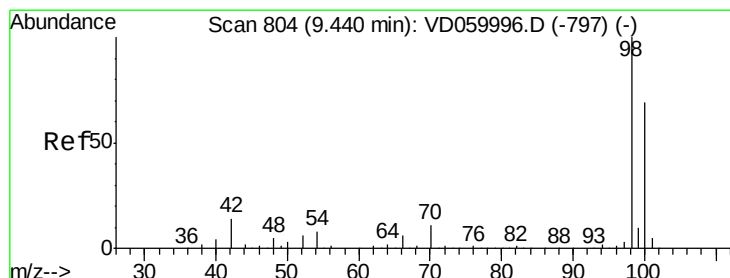
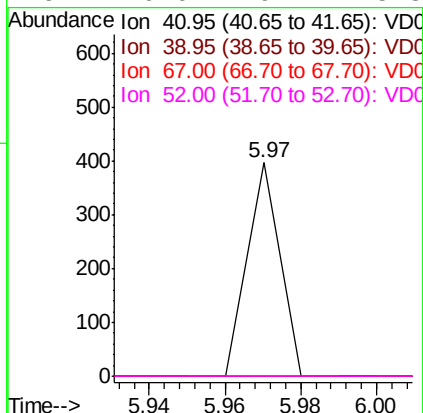
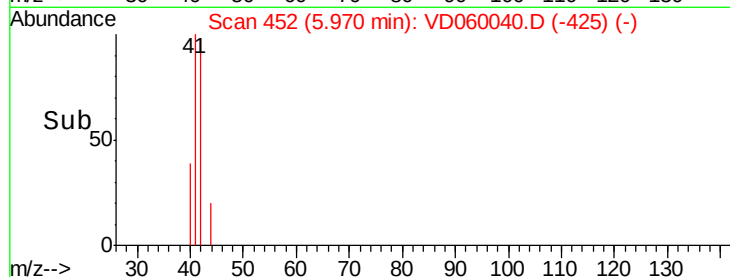
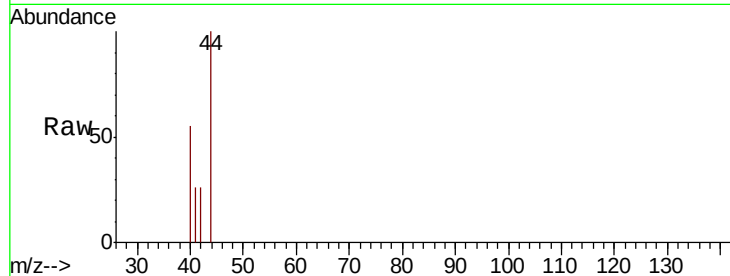




#41
Methacrylonitrile
Concen: 2.34 ug/l
RT: 5.97 min Scan# 452
Delta R.T. 0.06 min
Lab File: VD060040.D
Acq: 19 Sep 2018 13:40

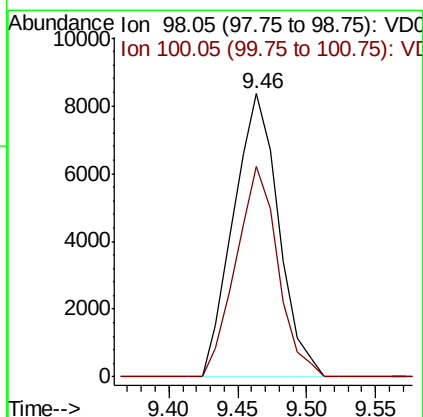
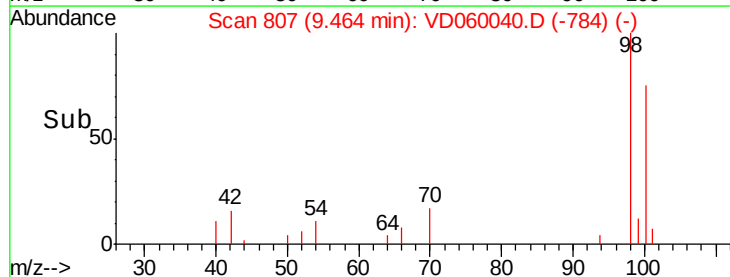
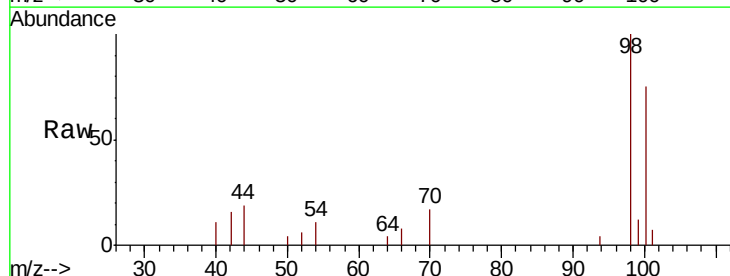
Instrument :
MSVOA_D
ClientSampled :

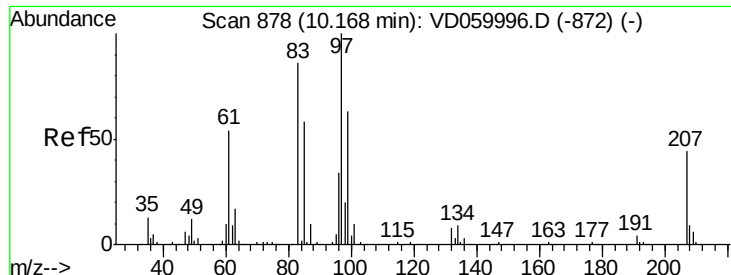
Tot Ion: 41 Resp: 234
Ion Ratio Lower Upper
41 100
39 0.0 37.5 56.3#
67 0.0 21.5 32.3#
52 0.0 9.2 13.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.02 min
Lab File: VD060040.D
Acq: 19 Sep 2018 13:40

Tgt Ion: 98 Resp: 19125
Ion Ratio Lower Upper
98 100
100 74.5 55.8 83.6

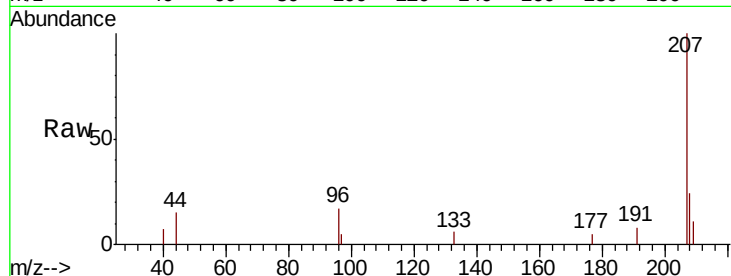




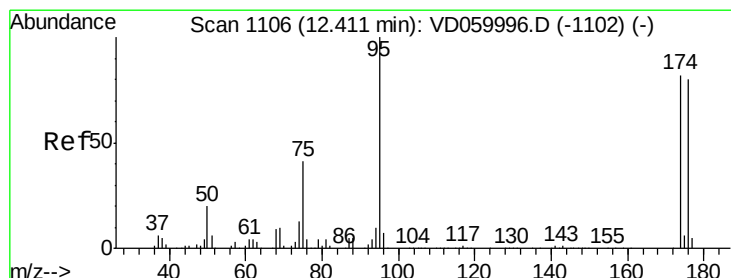
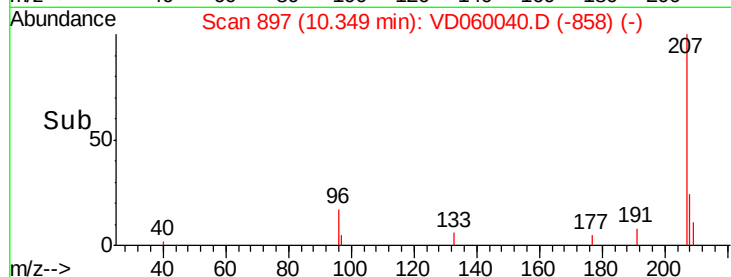
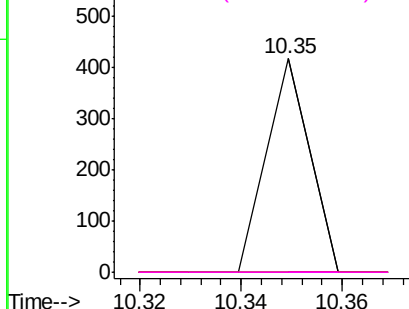
#55
 1,1,2-Trichloroethane
 Concen: 1.56 ug/l
 RT: 10.35 min Scan# 897
 Delta R.T. 0.18 min
 Lab File: VD060040.D
 Acq: 19 Sep 2018 13:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 97 Resp: 246
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.1 103.7#
 85 0.0 46.2 69.4#
 99 0.0 50.6 75.8#

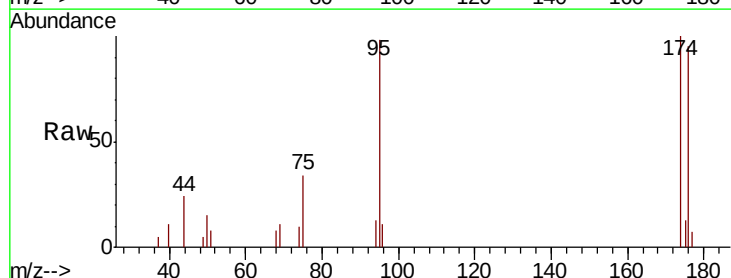


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

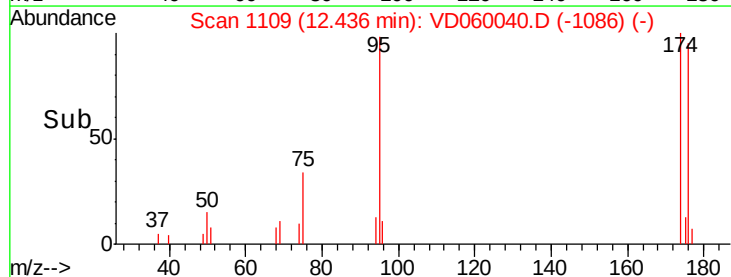
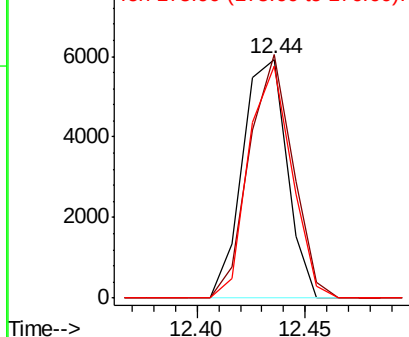


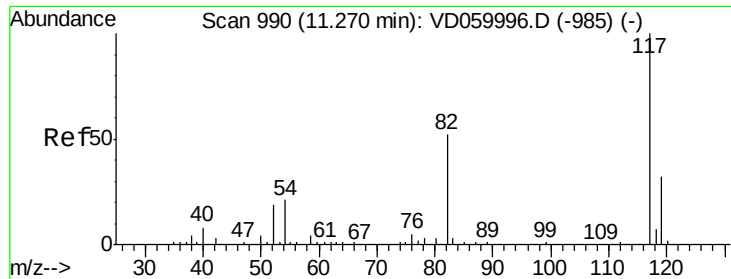
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. 0.02 min
 Lab File: VD060040.D
 Acq: 19 Sep 2018 13:40

Tgt Ion: 95 Resp: 8426
 Ion Ratio Lower Upper
 95 100
 174 102.0 0.0 165.0
 176 97.1 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): VDC
 Ion 173.90 (173.60 to 174.60): VDC
 Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

ClientSampleId :

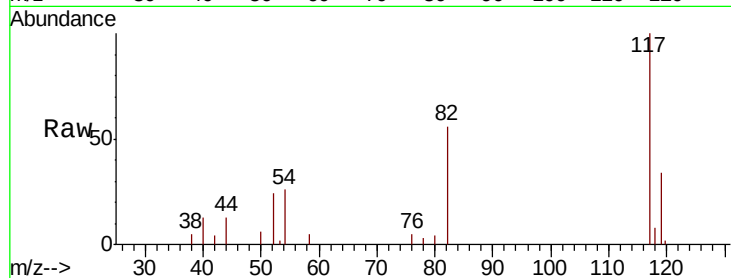
Tot Ion:117 Resp: 22808

Ion Ratio Lower Upper

117 100

82 55.6 41.7 62.5

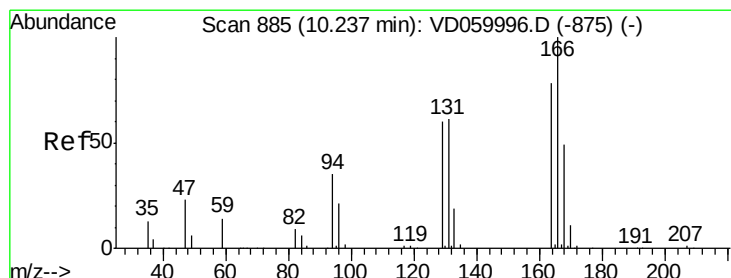
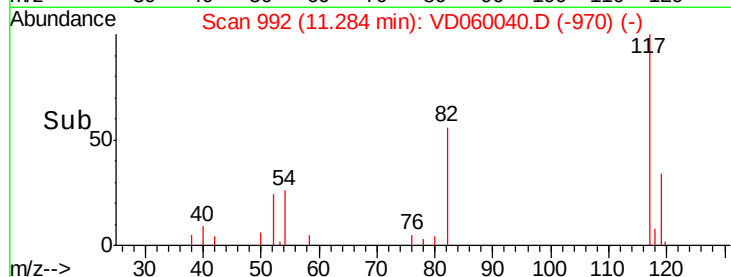
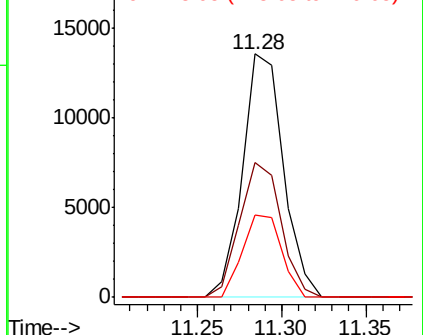
119 33.9 26.0 39.0



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



#64

Tetrachloroethene

Concen: 3.33 ug/l

RT: 10.21 min Scan# 883

Delta R.T. -0.03 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Tgt Ion:164 Resp: 670

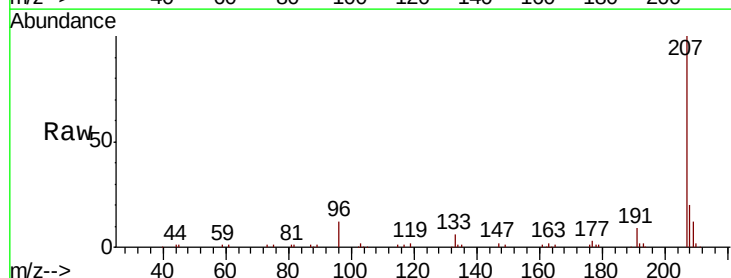
Ion Ratio Lower Upper

164 100

166 0.0 103.0 154.6#

129 0.0 61.9 92.9#

131 0.0 62.6 93.8#

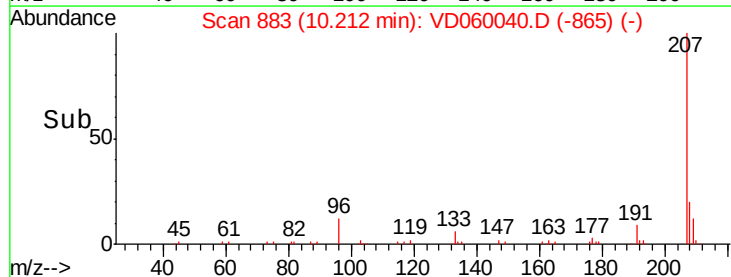
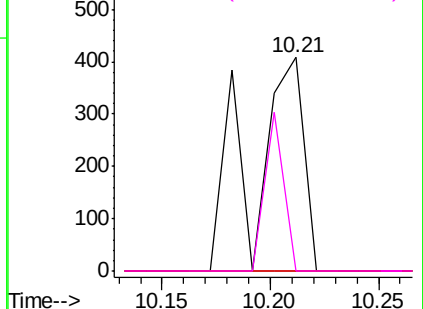


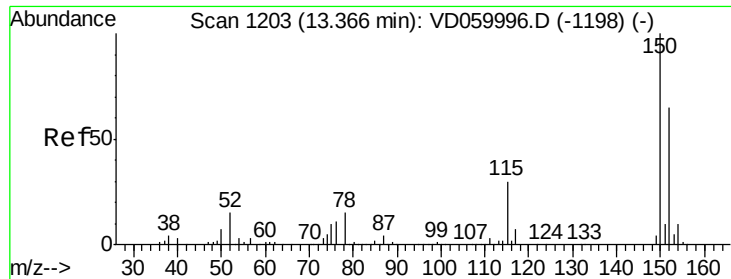
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

ClientSampleId :

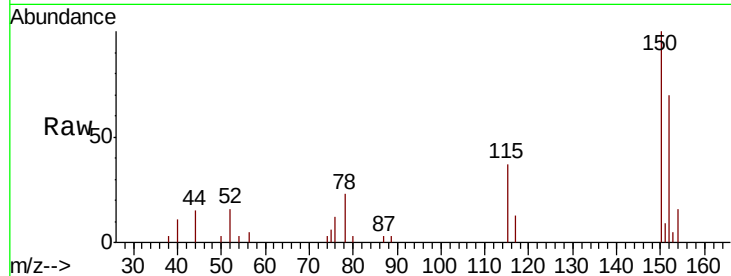
Tot Ion:152 Resp: 11230

Ion Ratio Lower Upper

152 100

115 52.7 24.6 73.8

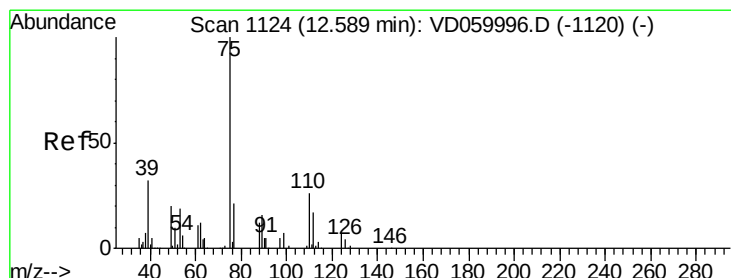
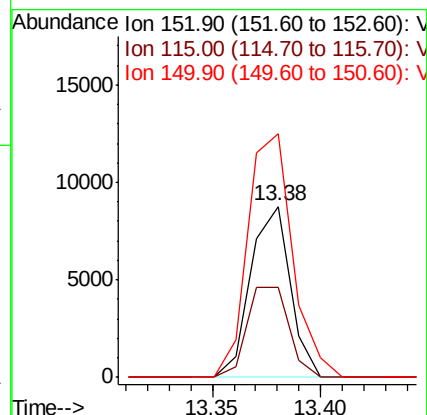
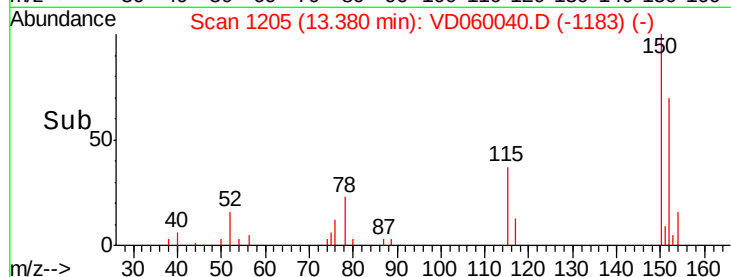
150 142.7 0.0 313.4



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



#76

1,2,3-Trichloropropane

Concen: 5.89 ug/l

RT: 12.56 min Scan# 1122

Delta R.T. -0.03 min

Lab File: VD060040.D

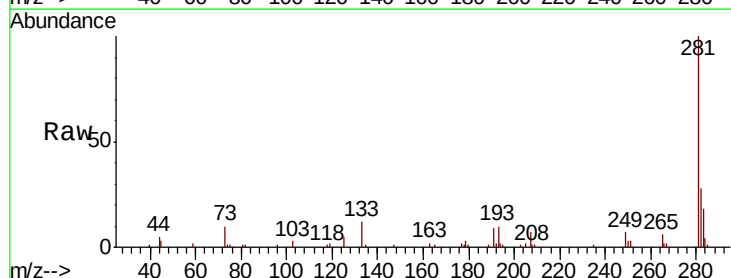
Acq: 19 Sep 2018 13:40

Tgt Ion: 75 Resp: 1011

Ion Ratio Lower Upper

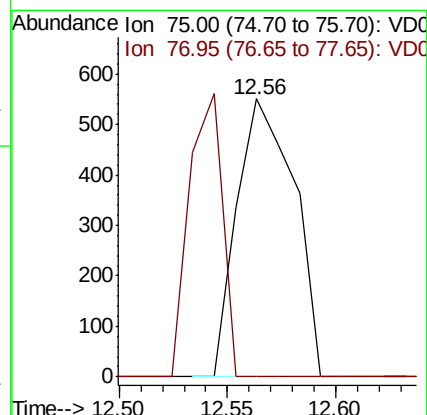
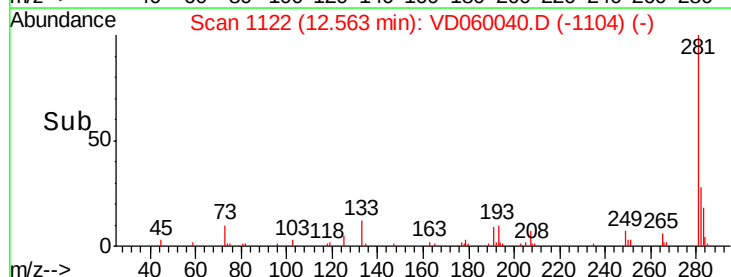
75 100

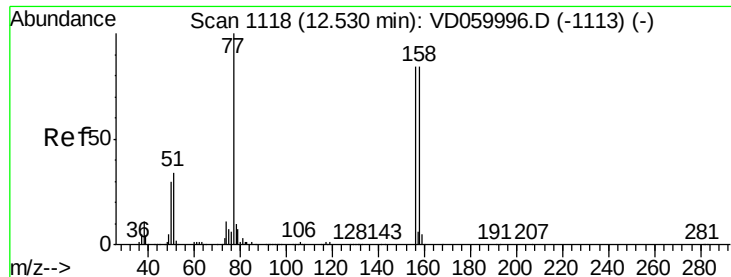
77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#77

Bromobenzene

Concen: 1.52 ug/l

RT: 12.54 min Scan# 1120

Delta R.T. 0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

ClientSampleId :

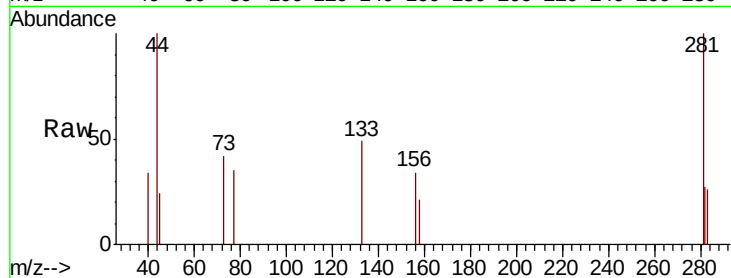
Tot Ion:156 Resp: 322

Ion Ratio Lower Upper

156 100

77 102.7 59.5 178.4

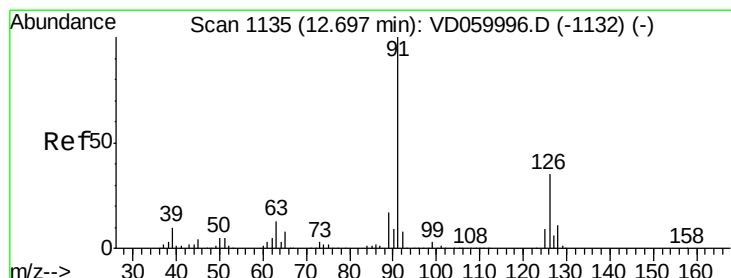
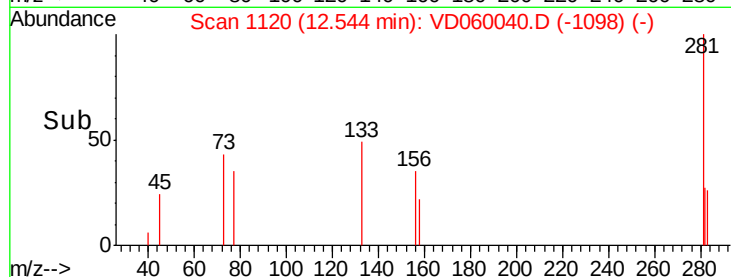
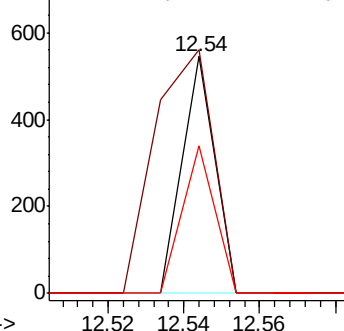
158 62.5 50.0 149.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#79

2-Chlorotoluene

Concen: 1.22 ug/l

RT: 12.71 min Scan# 1137

Delta R.T. 0.01 min

Lab File: VD060040.D

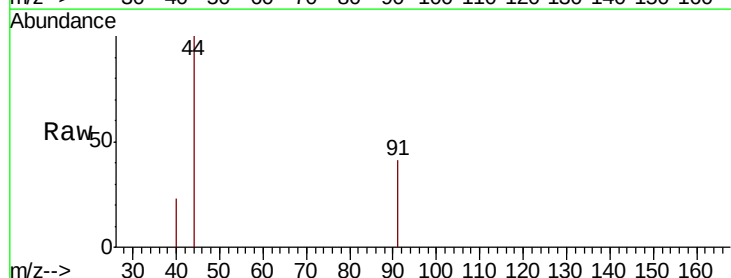
Acq: 19 Sep 2018 13:40

Tgt Ion: 91 Resp: 639

Ion Ratio Lower Upper

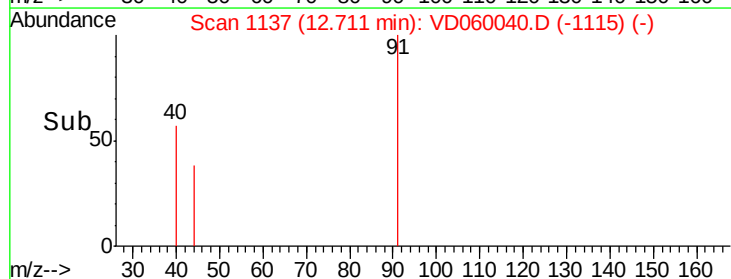
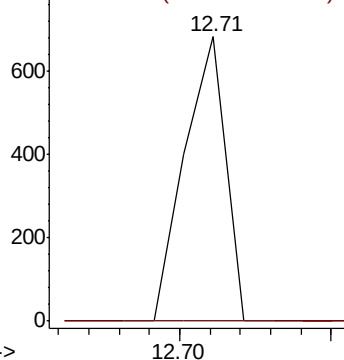
91 100

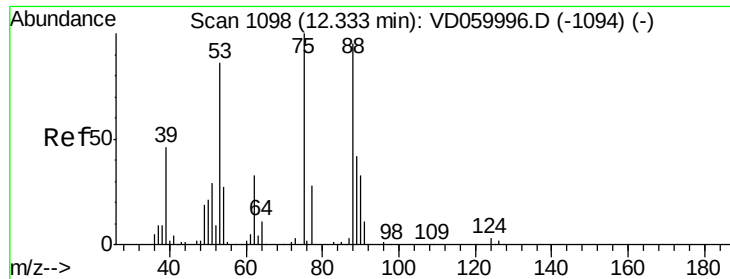
126 0.0 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 65.77 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.09 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

ClientSampleId :

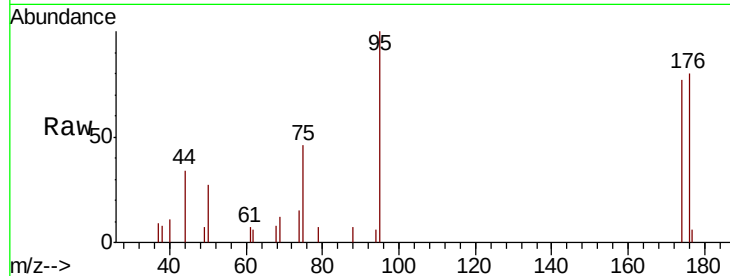
Tot Ion: 75 Resp: 3405

Ion Ratio Lower Upper

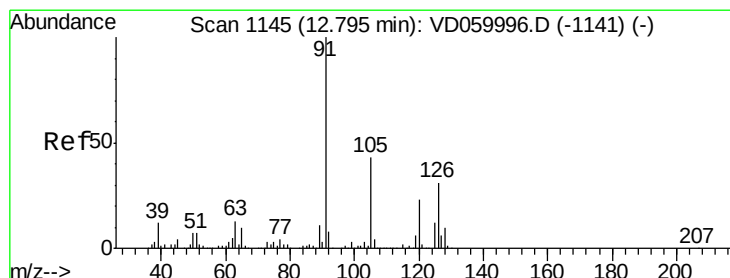
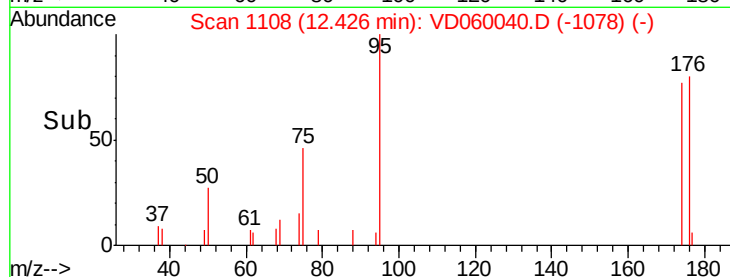
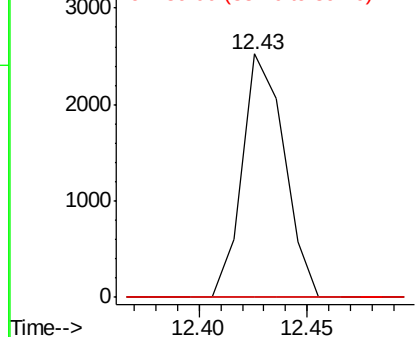
75 100

53 0.0 68.4 102.6#

89 0.0 33.8 50.6#



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: 2.25 ug/l

RT: 12.81 min Scan# 1147

Delta R.T. 0.01 min

Lab File: VD060040.D

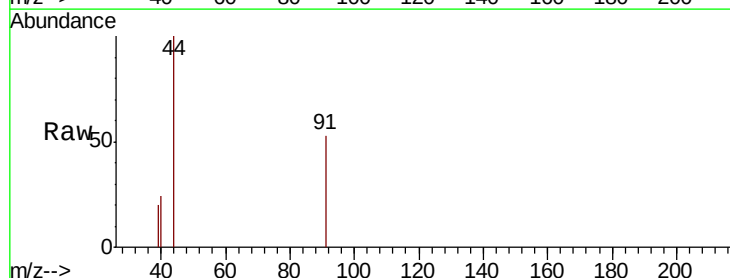
Acq: 19 Sep 2018 13:40

Tgt Ion: 91 Resp: 1291

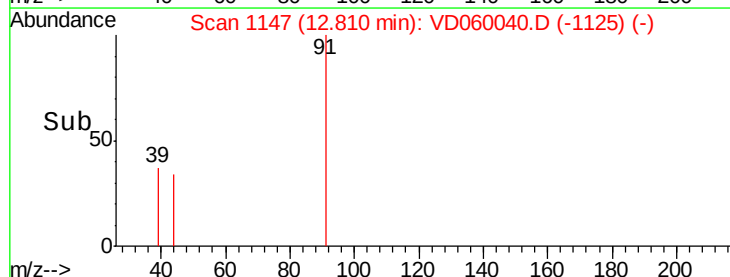
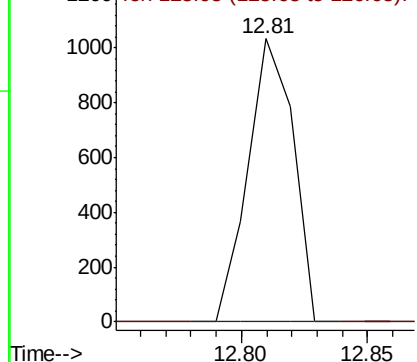
Ion Ratio Lower Upper

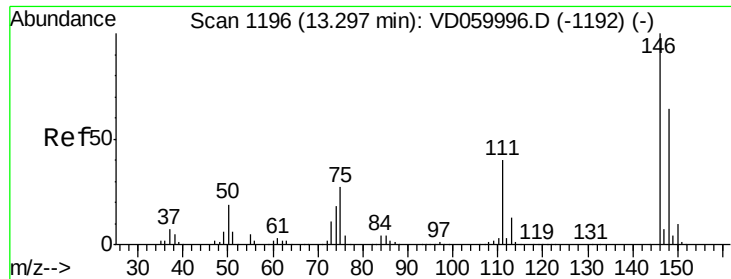
91 100

126 0.0 15.4 46.1#



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

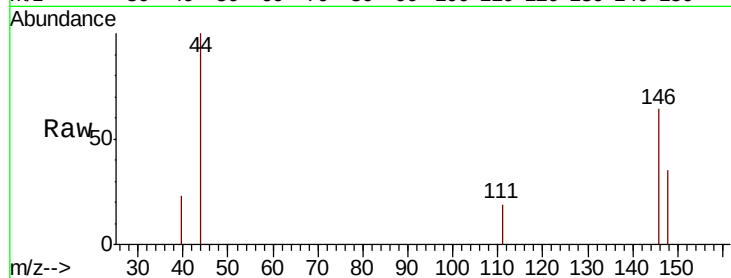




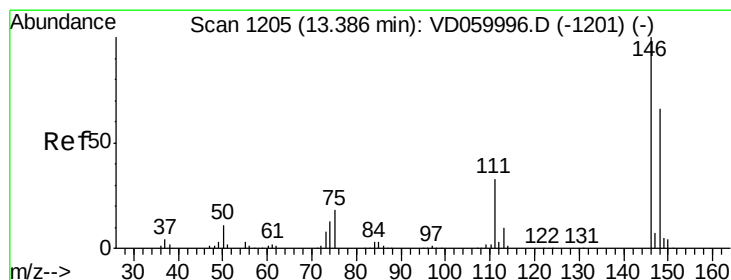
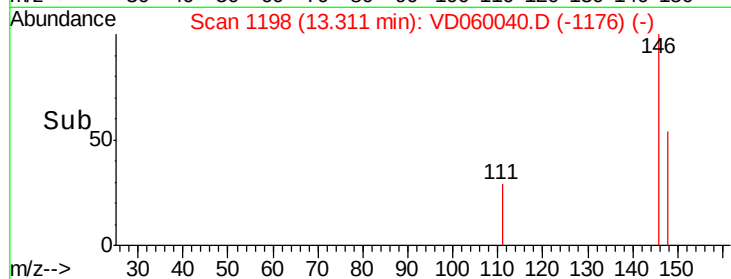
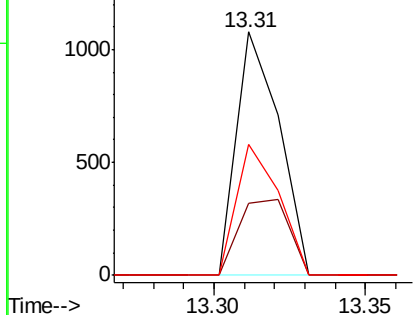
#87
 1,3-Dichlorobenzene
 Concen: 2.86 ug/l
 RT: 13.31 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: VD060040.D
 Acq: 19 Sep 2018 13:40

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:146 Resp: 1056
 Ion Ratio Lower Upper
 146 100
 111 29.5 20.2 60.5
 148 53.8 32.0 96.2

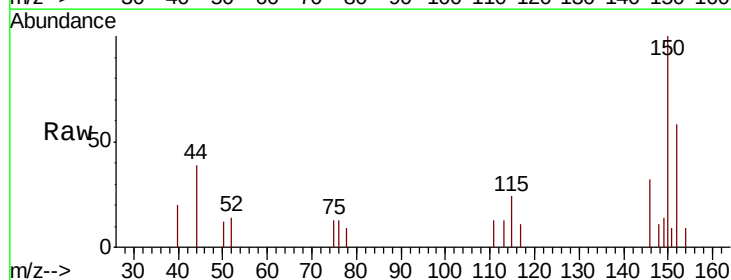


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

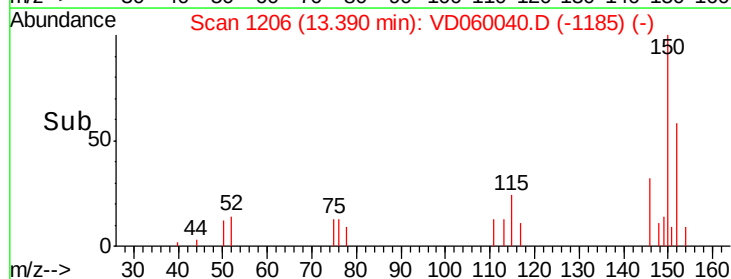
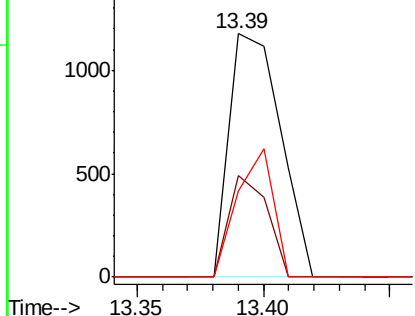


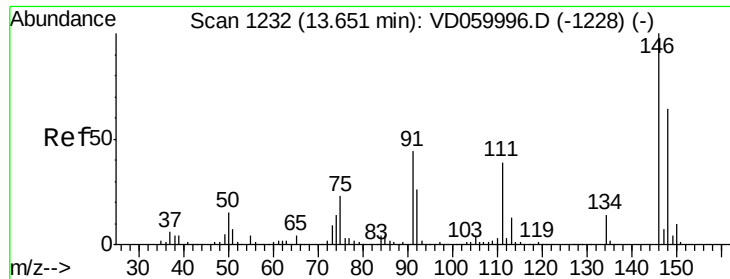
#88
 1,4-Dichlorobenzene
 Concen: 4.45 ug/l
 RT: 13.39 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: VD060040.D
 Acq: 19 Sep 2018 13:40

Tgt Ion:146 Resp: 1667
 Ion Ratio Lower Upper
 146 100
 111 42.0 16.7 50.0
 148 35.5 32.9 98.6



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

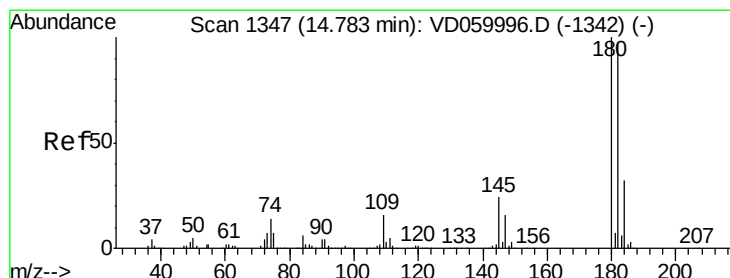
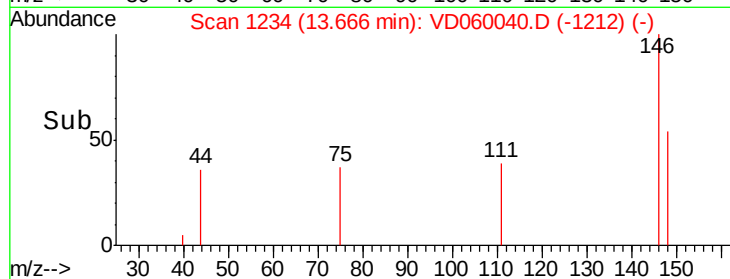
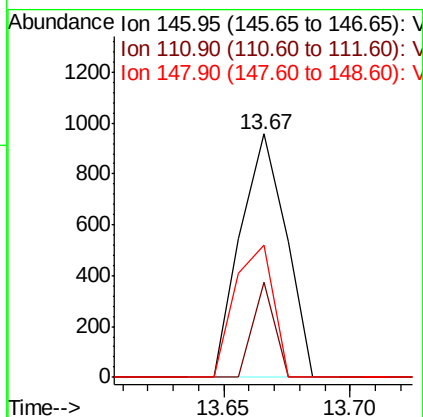
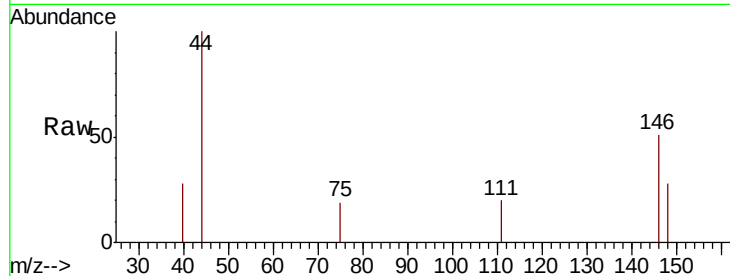




#91
 1,2-Dichlorobenzene
 Concen: 1.97 ug/l
 RT: 13.67 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: VD060040.D
 Acq: 19 Sep 2018 13:40

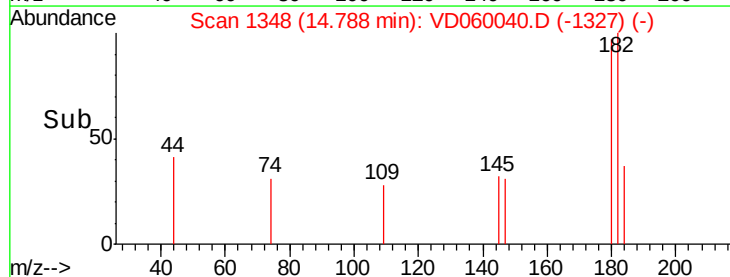
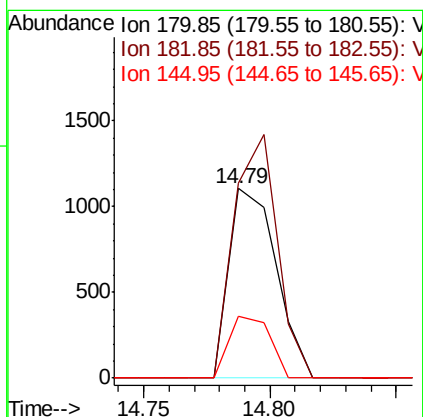
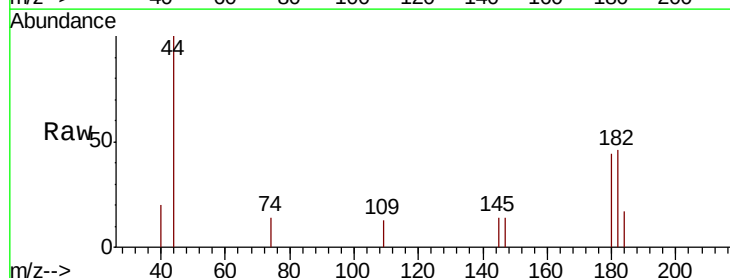
Instrument :
 MSVOA_D
 ClientSampled :

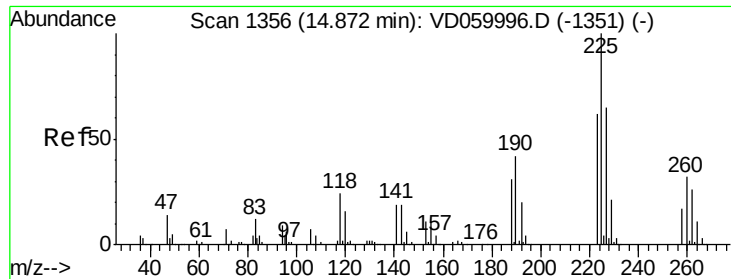
Tot Ion:146 Resp: 1205
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.7
 148 54.5 31.9 95.7



#93
 1,2,4-Trichlorobenzene
 Concen: 5.46 ug/l
 RT: 14.79 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VD060040.D
 Acq: 19 Sep 2018 13:40

Tgt Ion:180 Resp: 1436
 Ion Ratio Lower Upper
 180 100
 182 103.0 48.5 145.6
 145 32.5 11.9 35.7





#94

Hexachlorobutadiene

Concen: 1.05 ug/l

RT: 14.89 min Scan# 1358

Delta R.T. 0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

ClientSampleId :

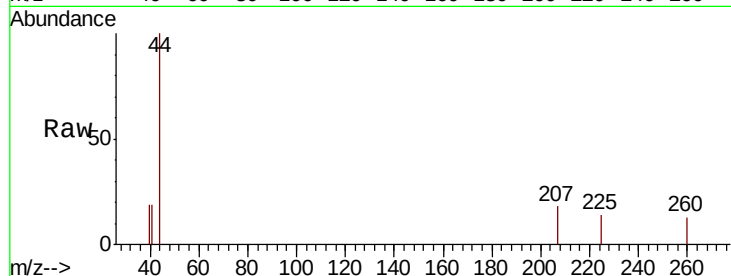
Tot Ion:225 Resp: 182

Ion Ratio Lower Upper

225 100

223 0.0 31.2 93.6#

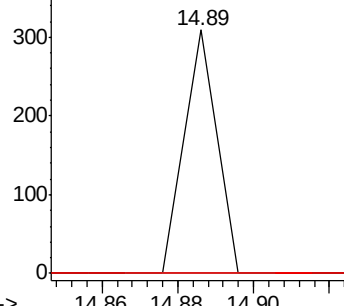
227 0.0 32.3 96.8#



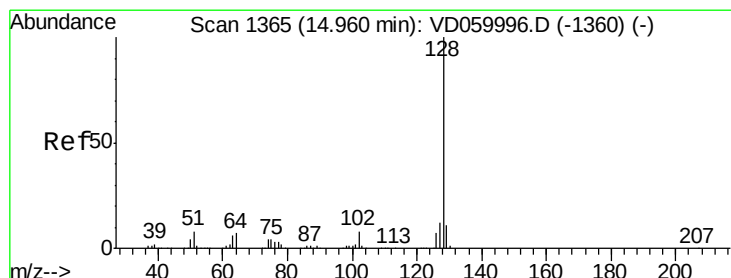
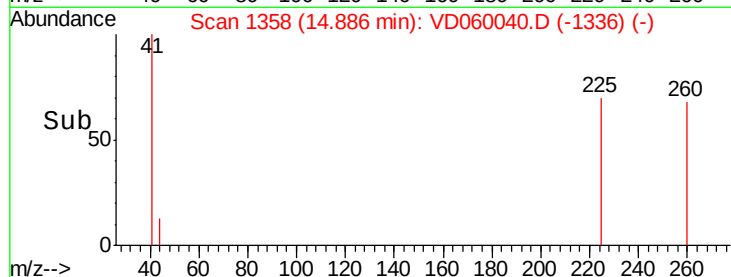
Abundance Ion 224.75 (224.45 to 225.45): V

Ion 222.75 (222.45 to 223.45): V

Ion 226.75 (226.45 to 227.45): V



Time-->



#95

Naphthalene

Concen: 8.45 ug/l

RT: 14.97 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

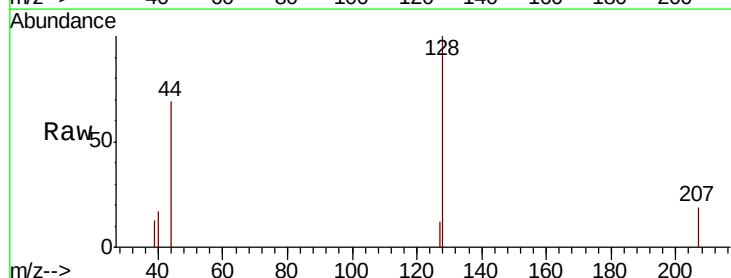
Tgt Ion:128 Resp: 3430

Ion Ratio Lower Upper

128 100

127 12.3 9.7 14.5

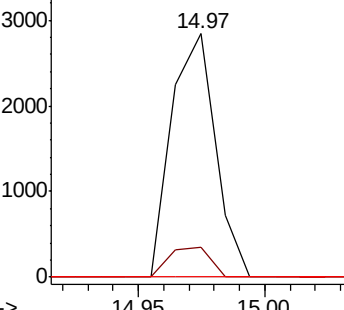
129 0.0 8.9 13.3#



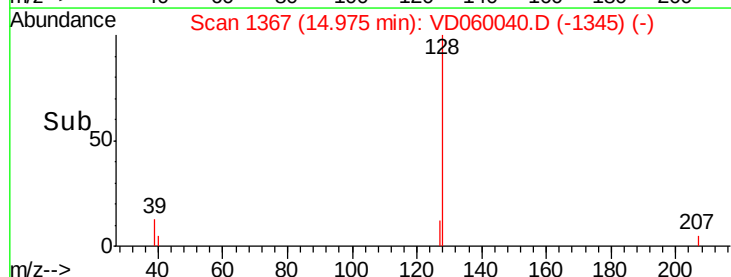
Abundance Ion 128.00 (127.70 to 128.70): V

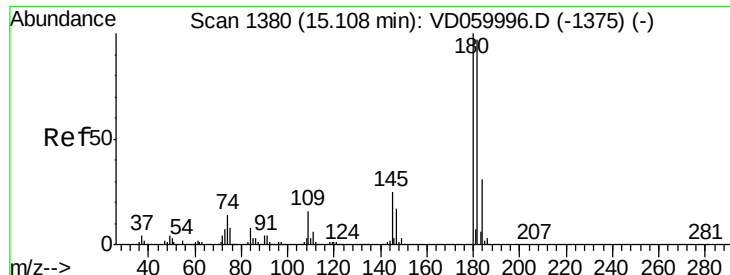
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->





#96

1,2,3-Trichlorobenzene

Concen: 6.67 ug/l

RT: 15.12 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VD060040.D

Acq: 19 Sep 2018 13:40

Instrument :

MSVOA_D

ClientSampleId :

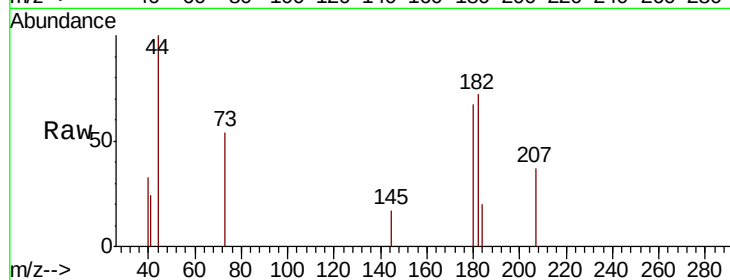
Tot Ion:180 Resp: 1546

Ion Ratio Lower Upper

180 100

182 106.8 48.6 145.9

145 25.9 12.7 38.1



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

