

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060296.D
 Acq On : 7 Nov 2018 12:57
 Operator : JC/SY
 Sample : J5839-03
 Misc : 5.89g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 08:16:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1017849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1477879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1173854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.40	152	528444	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	315549	43.30	ug/l	0.00
Spiked Amount			Recovery	=	86.60%	
35) Dibromofluoromethane	6.33	113	384848	34.92	ug/l	0.00
Spiked Amount			Recovery	=	69.84%	
50) Toluene-d8	9.47	98	1072941	33.27	ug/l	0.00
Spiked Amount			Recovery	=	66.54%	
62) 4-Bromofluorobenzene	12.44	95	394061	33.72	ug/l	0.00
Spiked Amount			Recovery	=	67.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	230	Below Cal	#	41
8) Diethyl Ether	2.83	74	4208	2.50	ug/l	98
11) Tert butyl alcohol	3.95	59	534	1.78	ug/l	# 70
13) Acrolein	3.11	56	717	2.03	ug/l	97
16) Acetone	3.15	43	44786	35.43	ug/l	99
18) Methyl Acetate	3.55	43	6823	2.53	ug/l	# 92
20) Methylene Chloride	3.71	84	54839	4.89	ug/l	95
25) 2-Butanone	5.63	43	27283	10.38	ug/l	96
29) Tetrahydrofuran	5.98	42	2043	1.47	ug/l	# 49
31) Cyclohexane	6.38	56	89372	5.14	ug/l	97
36) 1,1-Dichloropropene	6.42	75	69078	4.73	ug/l	# 47
37) Ethyl Acetate	5.63	43	27283	4.06	ug/l	# 69
38) Carbon Tetrachloride	6.42	117	76987	5.68	ug/l	# 16
39) Methylcyclohexane	8.05	83	197114	11.74	ug/l	99
40) Benzene	6.80	78	1341694	36.00	ug/l	99
42) 1,2-Dichloroethane	6.80	62	10346	1.06	ug/l	71
43) Isopropyl Acetate	8.41	43	10788	1.28	ug/l	# 47
48) Methyl methacrylate	8.32	41	7568	1.48	ug/l	# 60
52) Toluene	9.57	92	30935	1.30	ug/l	100
55) 1,1,2-Trichloroethane	10.12	97	36316	5.26	ug/l	# 18
56) Ethyl methacrylate	9.96	69	21490	3.39	ug/l	# 1
59) 2-Hexanone	10.46	43	41219	10.53	ug/l	# 35
67) Ethyl Benzene	11.45	91	300065	6.90	ug/l	97
68) m/p-Xylenes	11.59	106	117775	7.34	ug/l	91
69) o-Xylene	11.95	106	41693	2.69	ug/l	89
73) Isopropylbenzene	12.29	105	91179	2.37	ug/l	99
74) N-amyl acetate	12.11	43	28995	2.94	ug/l	# 41
75) 1,1,2,2-Tetrachloroethane	12.60	83	15843	2.52	ug/l	# 46
76) 1,2,3-Trichloropropane	12.44	75	155973	24.67	ug/l	# 45
78) n-propylbenzene	12.66	91	126395	2.63	ug/l	97
80) 1,3,5-Trimethylbenzene	12.82	105	32107	1.07	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.44	75	157286	87.40	ug/l	# 16
84) 1,2,4-Trimethylbenzene	13.11	105	197094	6.60	ug/l	100
89) n-Butylbenzene	13.67	91	22531	Below Cal		95

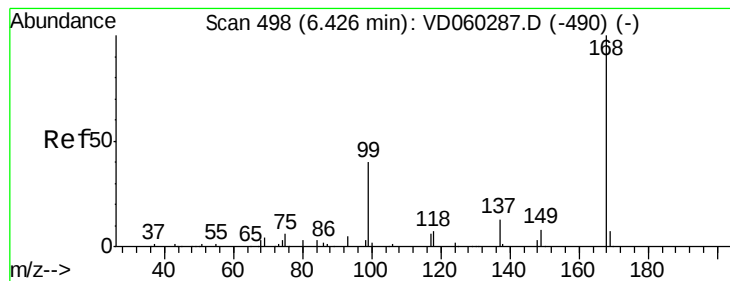
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
Data File : VD060296.D
Acq On : 7 Nov 2018 12:57
Operator : JC/SY
Sample : J5839-03
Misc : 5.89g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 08 08:16:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.25	75	978	1.29	ug/l #	1
95) Naphthalene	14.99	128	5066597	350.17	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

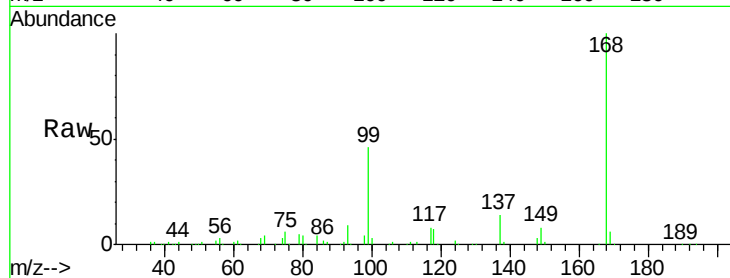
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 1017849

Ion Ratio Lower Upper

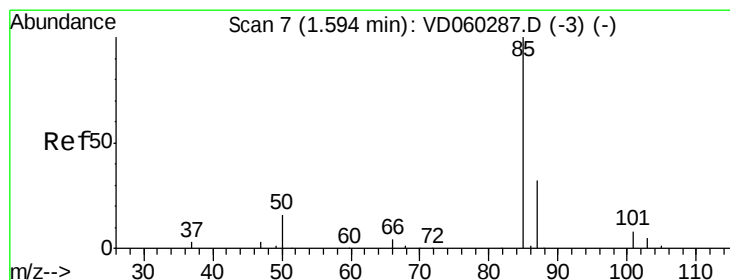
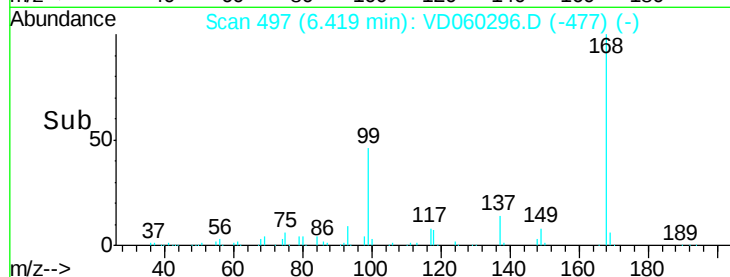
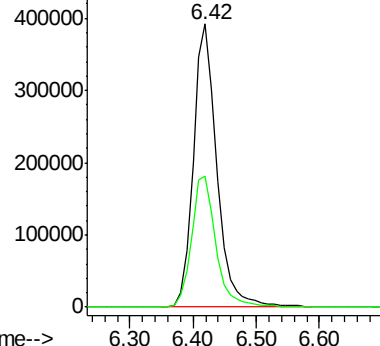
168 100

99 46.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60):

Ion 98.95 (98.65 to 99.65): VD



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.59 min Scan# 6

Delta R.T. -0.01 min

Lab File: VD060296.D

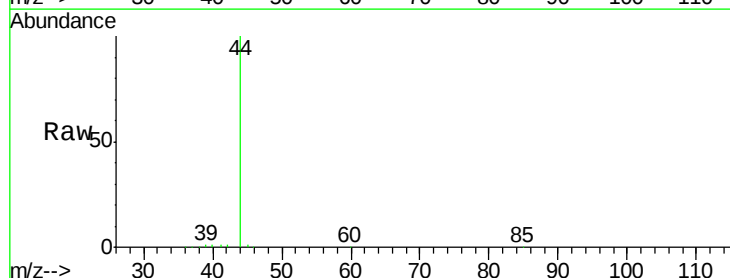
Acq: 7 Nov 2018 12:57

Tgt Ion: 85 Resp: 230

Ion Ratio Lower Upper

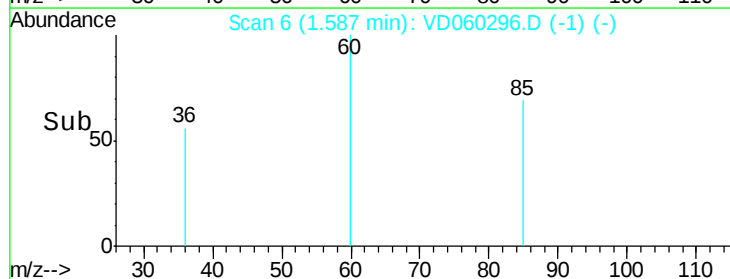
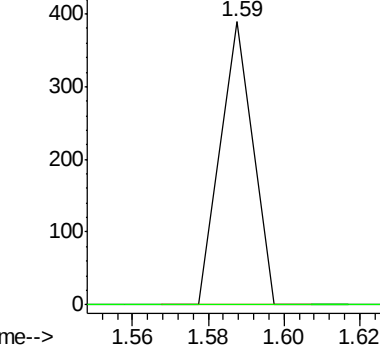
85 100

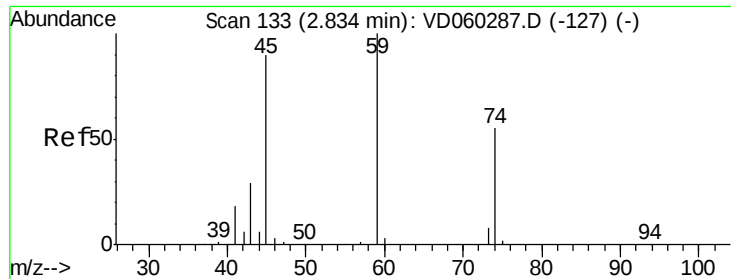
87 0.0 16.8 50.4#



Abundance Ion 84.95 (84.65 to 85.65): VD

Ion 86.90 (86.60 to 87.60): VD





#8

Diethyl Ether

Concen: 2.50 ug/l

RT: 2.83 min Scan# 132

Delta R.T. -0.01 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

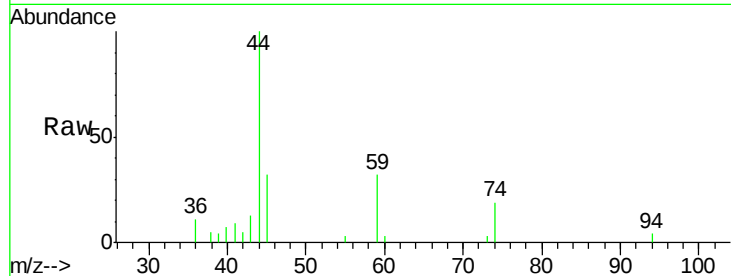
ClientSampleId :

Tot Ion: 74 Resp: 4208

Ion Ratio Lower Upper

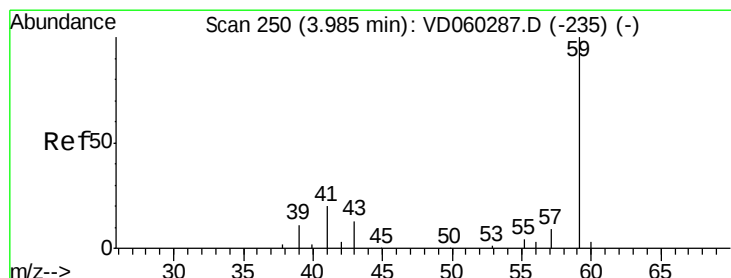
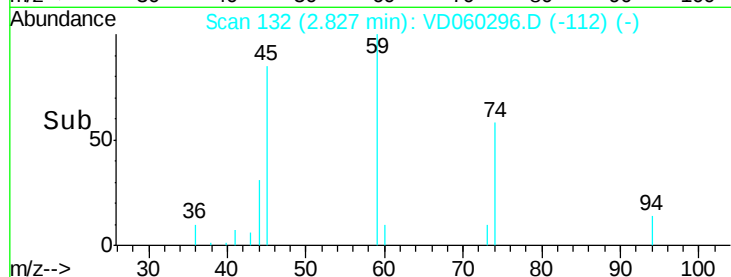
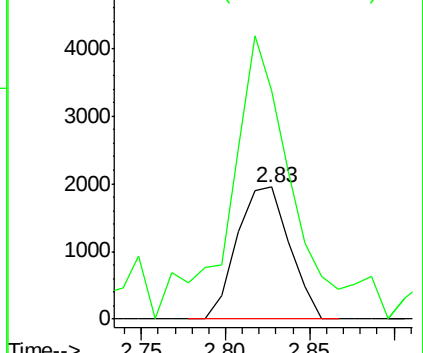
74 100

45 172.7 84.8 254.4



Abundance Ion 74.00 (73.70 to 74.70): VD

Ion 45.05 (44.75 to 45.75): VD



#11

Tert butyl alcohol

Concen: 1.78 ug/l

RT: 3.95 min Scan# 246

Delta R.T. -0.04 min

Lab File: VD060296.D

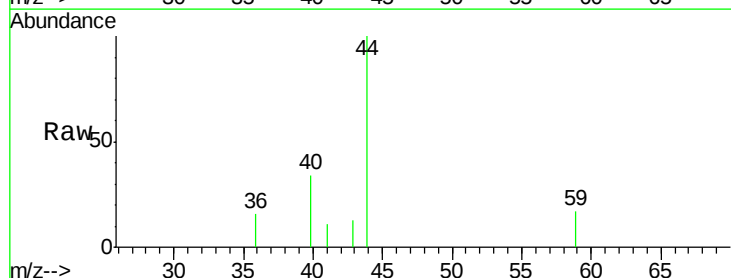
Acq: 7 Nov 2018 12:57

Tgt Ion: 59 Resp: 534

Ion Ratio Lower Upper

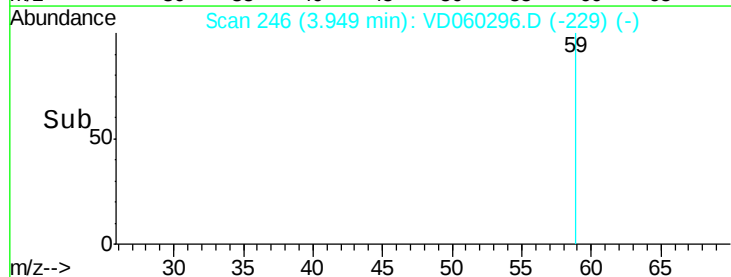
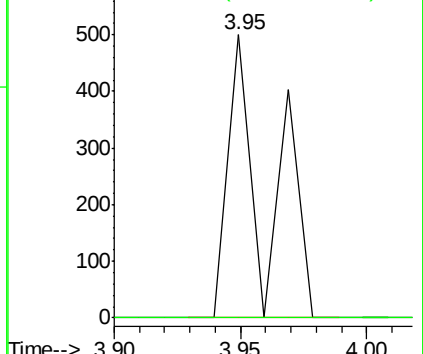
59 100

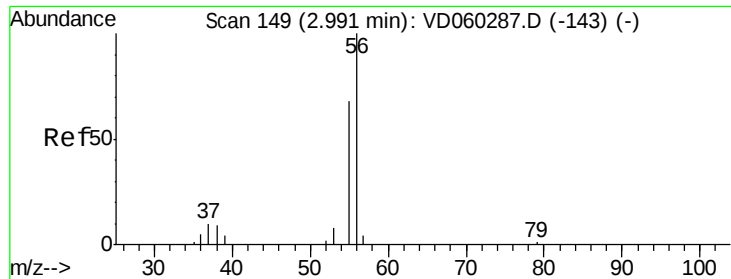
57 0.0 9.3 13.9#



Abundance Ion 58.95 (58.65 to 59.65): VD

Ion 56.95 (56.65 to 57.65): VD





#13

Acrolein

Concen: 2.03 ug/l

RT: 3.11 min Scan# 161

Delta R.T. 0.12 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

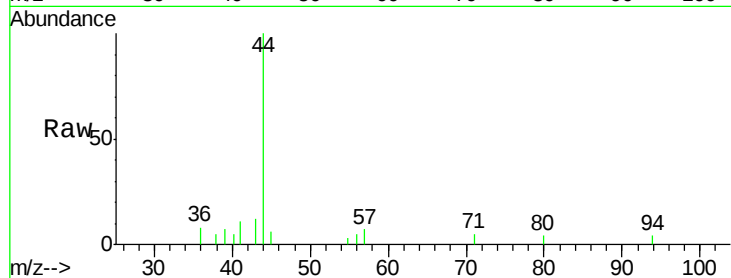
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 717

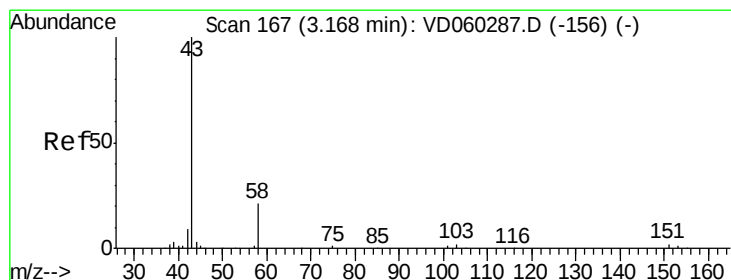
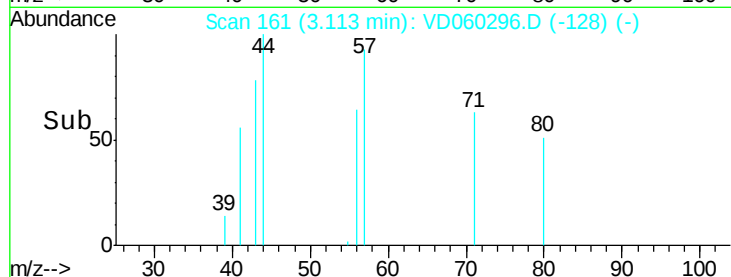
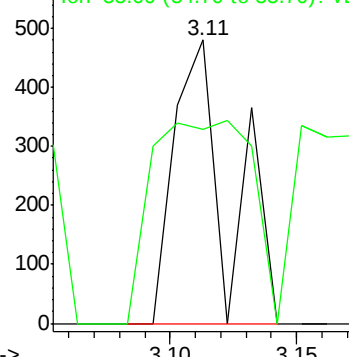
Ion Ratio Lower Upper

56 100

55 68.5 57.0 85.6



Abundance Ion 55.95 (55.65 to 56.65): VD
Ion 55.00 (54.70 to 55.70): VD



#16

Acetone

Concen: 35.43 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060296.D

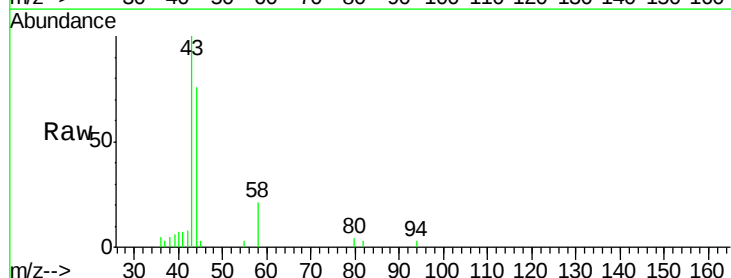
Acq: 7 Nov 2018 12:57

Tgt Ion: 43 Resp: 44786

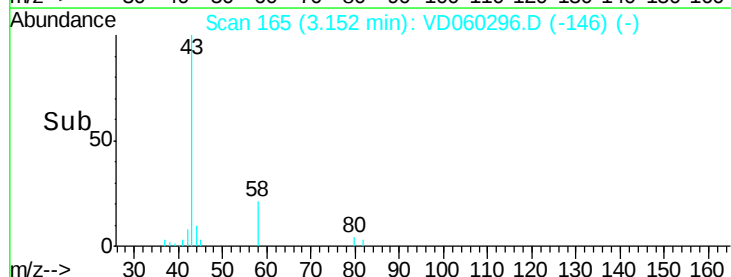
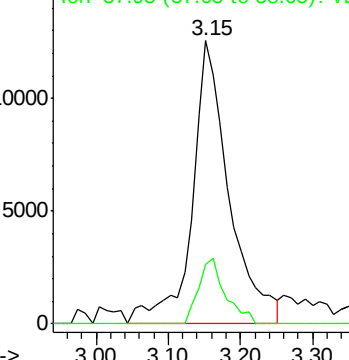
Ion Ratio Lower Upper

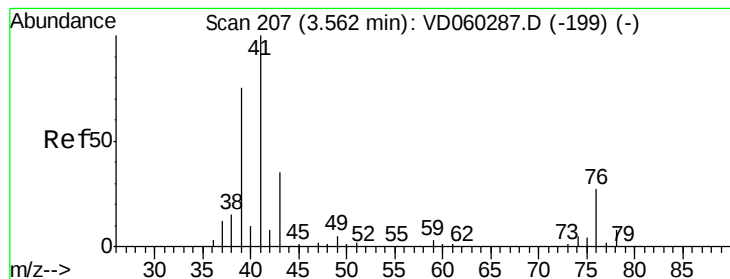
43 100

58 20.8 16.9 25.3



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





#18

Methvl Acetate

Concen: 2.53 ug/l

RT: 3.55 min Scan# 205

Delta R.T. -0.02 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

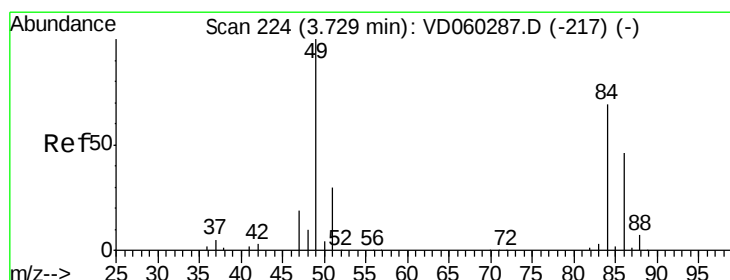
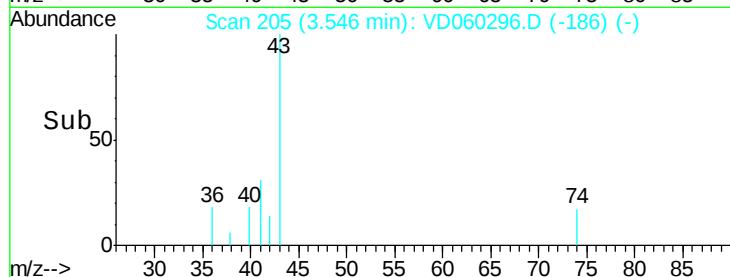
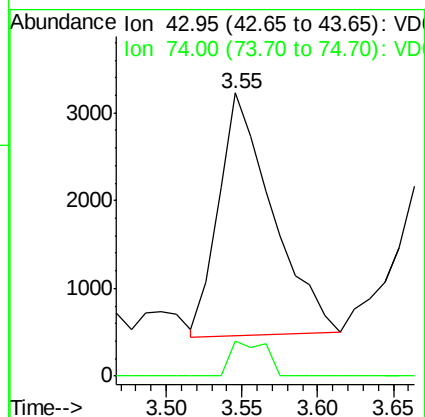
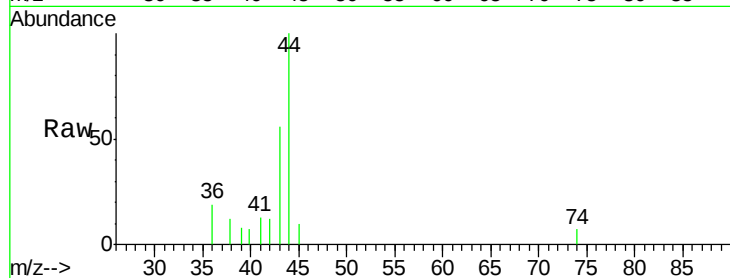
ClientSampleId :

Tot Ion: 43 Resp: 6823

Ion Ratio Lower Upper

43 100

74 12.3 12.4 18.6#



#20

Methylene Chloride

Concen: 4.89 ug/l

RT: 3.71 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Tgt Ion: 84 Resp: 54839

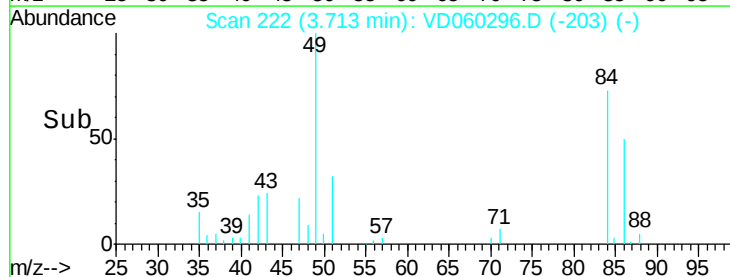
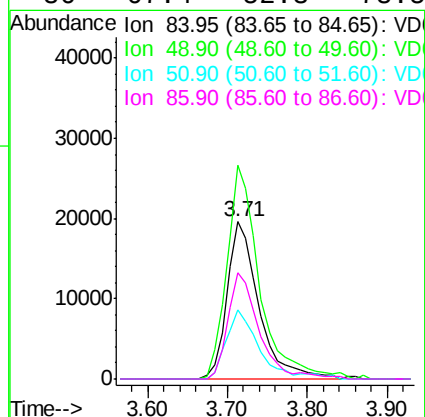
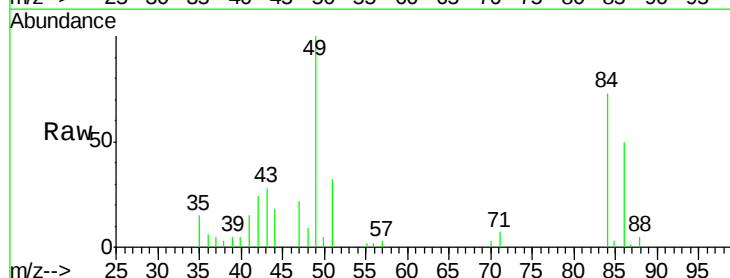
Ion Ratio Lower Upper

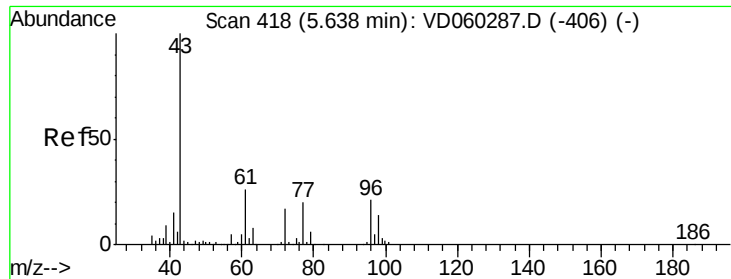
84 100

49 136.1 115.6 173.4

51 43.9 35.6 53.4

86 67.4 52.3 78.5





#25

2-Butanone

Concen: 10.38 ug/l

RT: 5.63 min Scan# 417

Delta R.T. -0.01 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

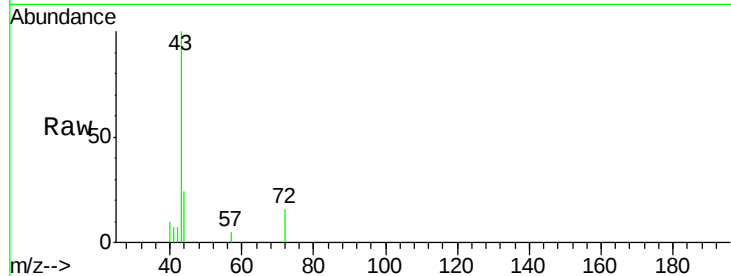
ClientSampleId :

Tot Ion: 43 Resp: 27283

Ion Ratio Lower Upper

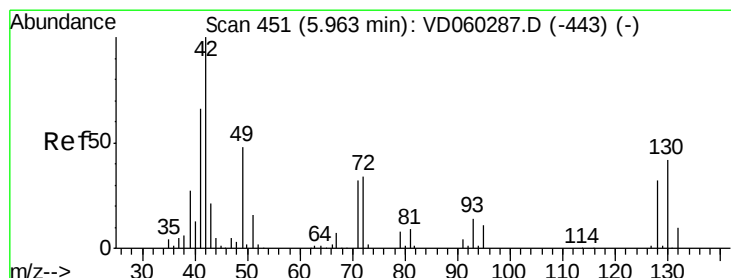
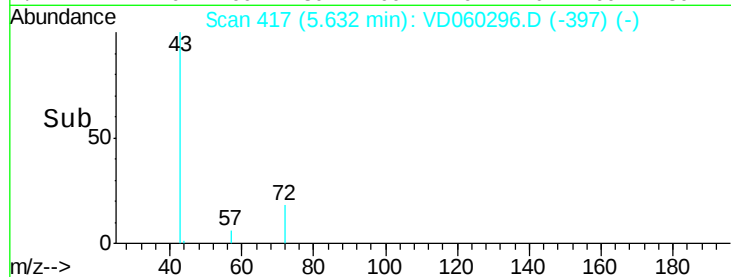
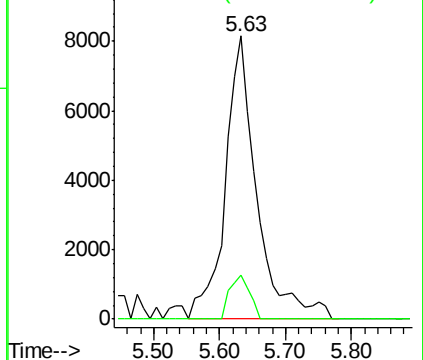
43 100

72 15.6 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 72.00 (71.70 to 72.70): VD



#29

Tetrahydrofuran

Concen: 1.47 ug/l

RT: 5.98 min Scan# 452

Delta R.T. 0.01 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

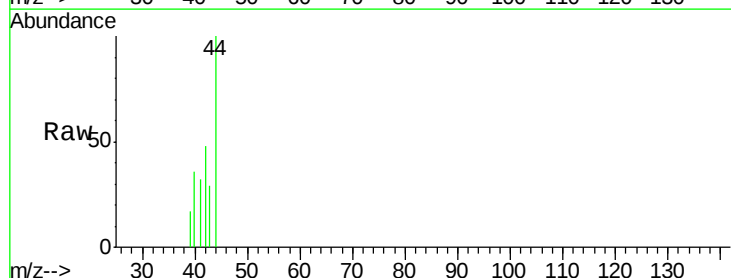
Tgt Ion: 42 Resp: 2043

Ion Ratio Lower Upper

42 100

72 0.0 27.6 41.4#

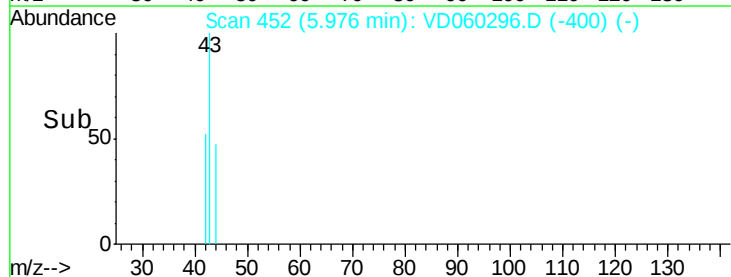
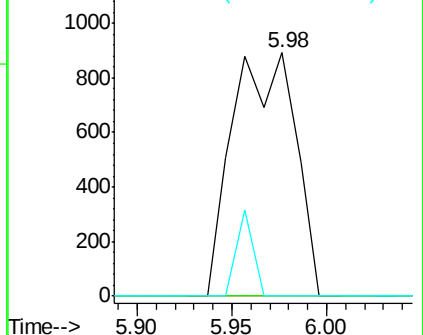
71 9.1 26.5 39.7#

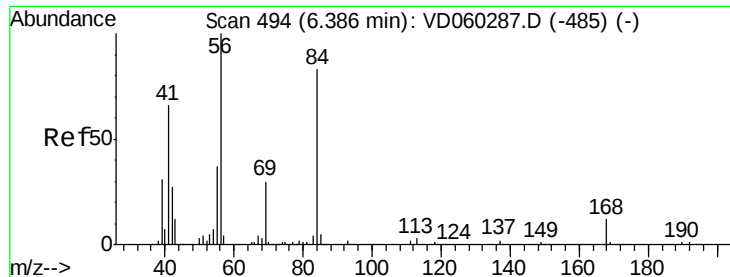


Abundance Ion 42.00 (41.70 to 42.70): VD

Ion 72.00 (71.70 to 72.70): VD

Ion 71.00 (70.70 to 71.70): VD

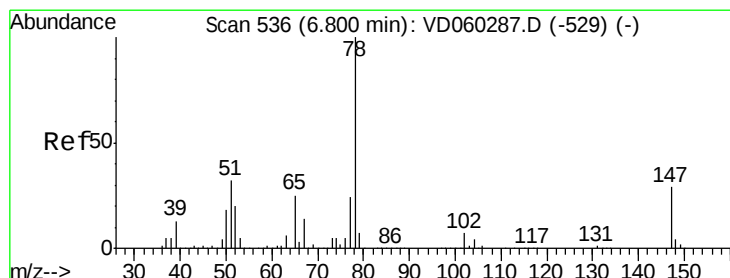
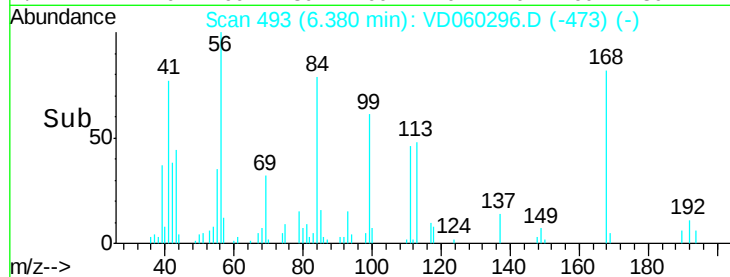
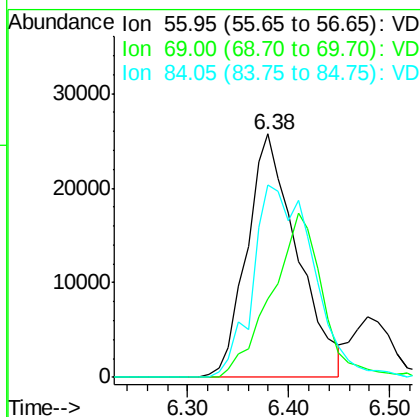
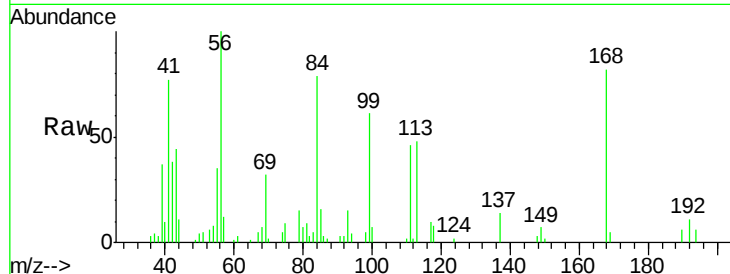




#31
Cyclohexane
Concen: 5.14 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.01 min
Lab File: VD060296.D
Acq: 7 Nov 2018 12:57

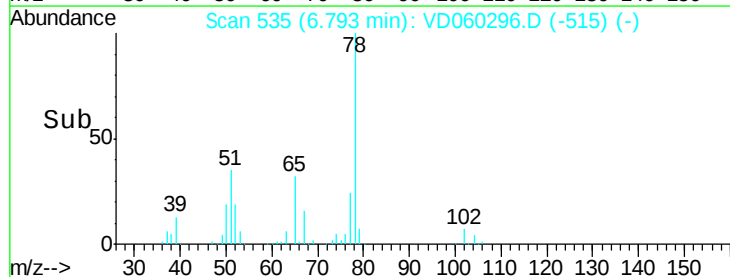
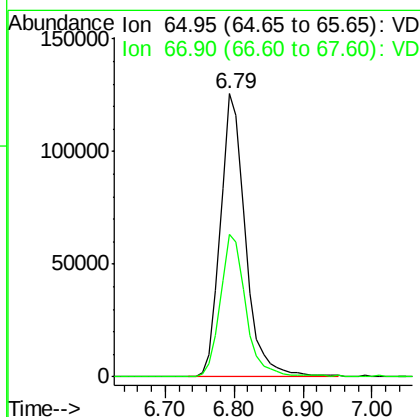
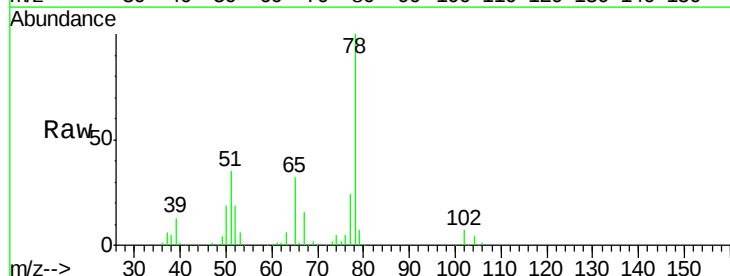
Instrument :
MSVOA_D
ClientSampleId :

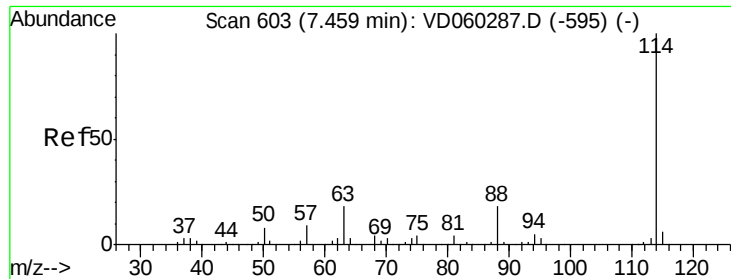
Tot Ion: 56 Resp: 89372
Ion Ratio Lower Upper
56 100
69 32.2 22.2 33.2
84 79.1 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060296.D
Acq: 7 Nov 2018 12:57

Tgt Ion: 65 Resp: 315549
Ion Ratio Lower Upper
65 100
67 50.5 0.0 109.8

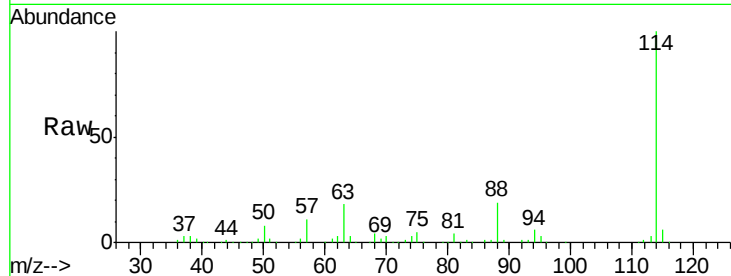




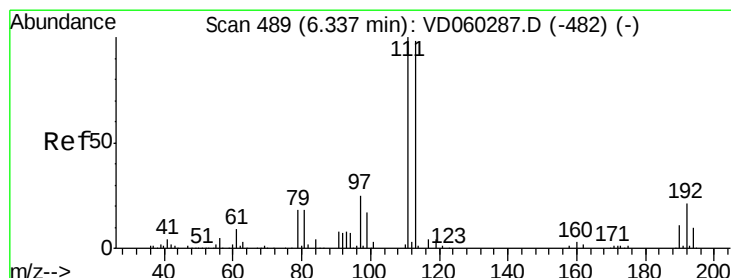
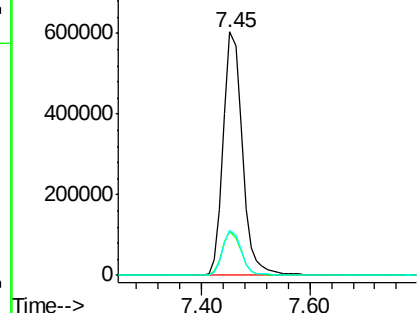
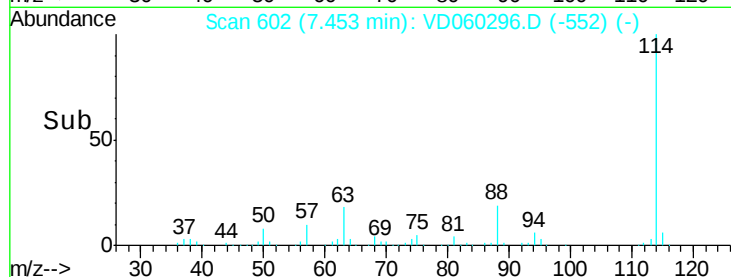
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060296.D
 Acq: 7 Nov 2018 12:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1477879
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.0
 88 18.6 0.0 35.4

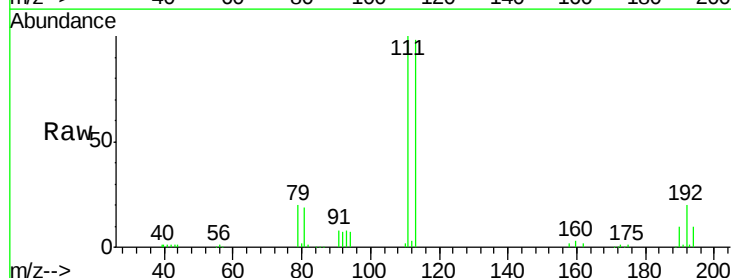


Abundance Ion 114.00 (113.70 to 114.70):
 Ion 62.95 (62.65 to 63.65): VD
 Ion 87.90 (87.60 to 88.60): VD

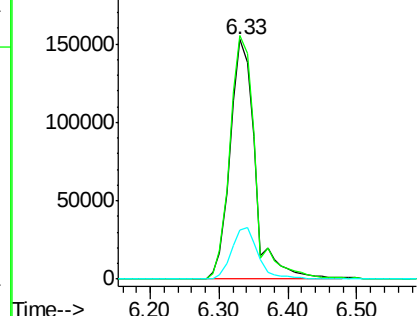
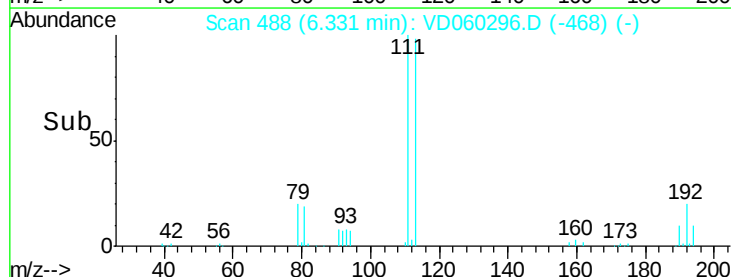


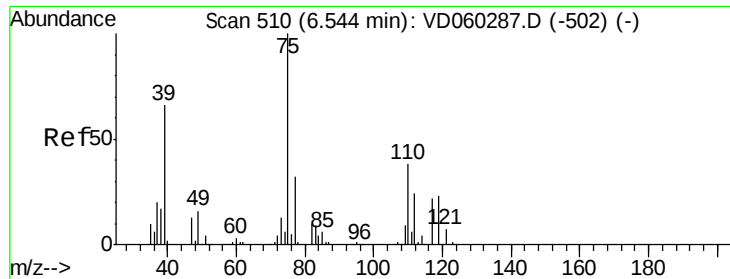
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060296.D
 Acq: 7 Nov 2018 12:57

Tgt Ion:113 Resp: 384848
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.6 122.4
 192 20.6 16.5 24.7



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





#36

1,1-Dichloropropene

Concen: 4.73 ug/l

RT: 6.42 min Scan# 497

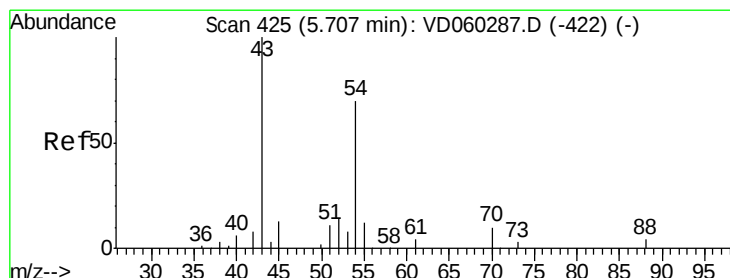
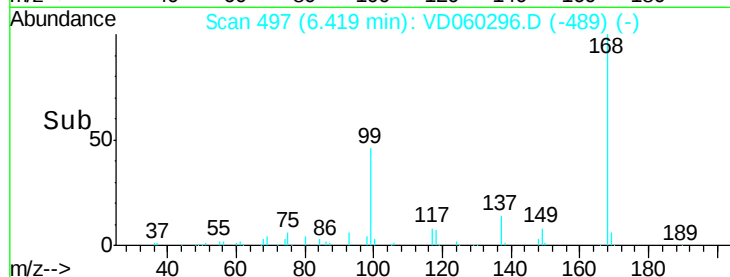
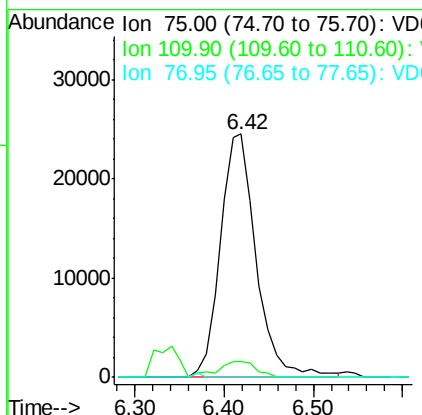
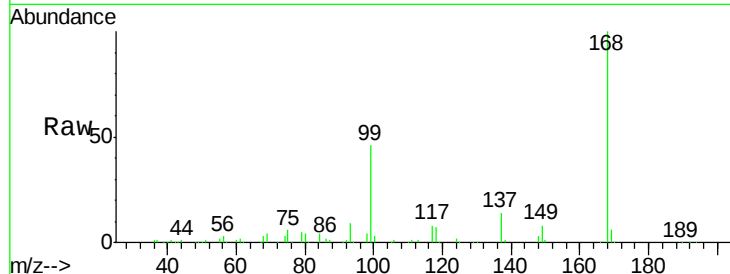
Delta R.T. -0.12 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	75	Resp:	69078
Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.0	54.0#
77	0.0	25.6	38.4#



#37

Ethyl Acetate

Concen: 4.06 ug/l

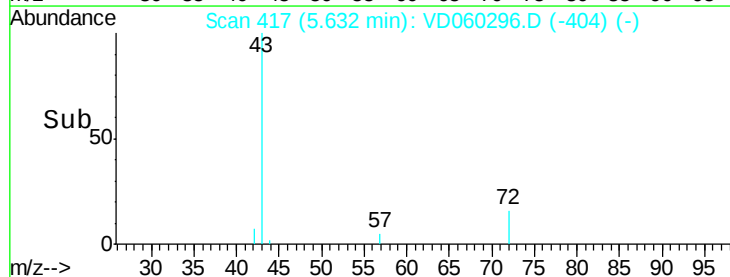
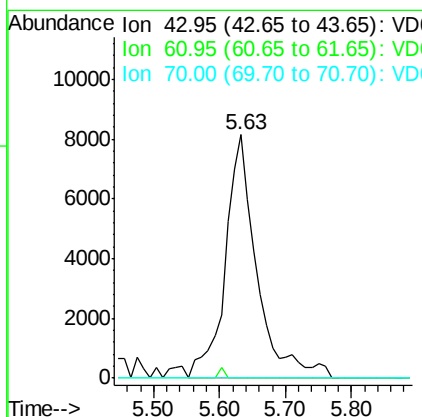
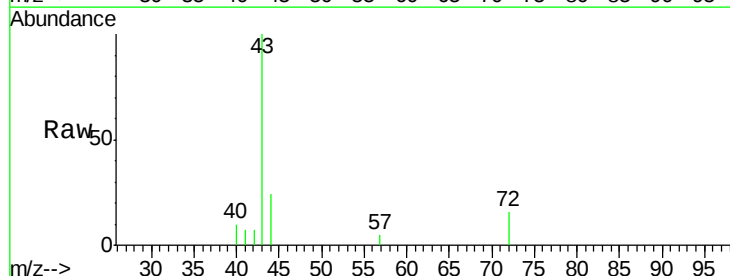
RT: 5.63 min Scan# 417

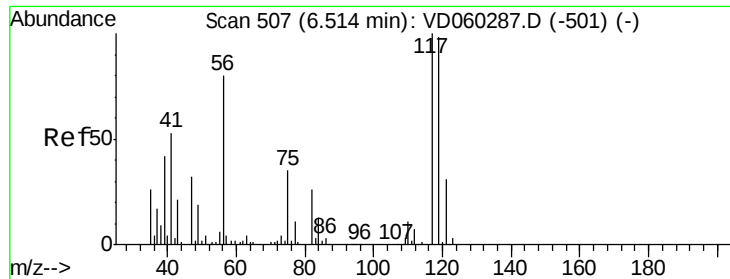
Delta R.T. -0.08 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Tgt Ion:	43	Resp:	27283
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	6.2	9.4#





#38

Carbon Tetrachloride

Concen: 5.68 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.09 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

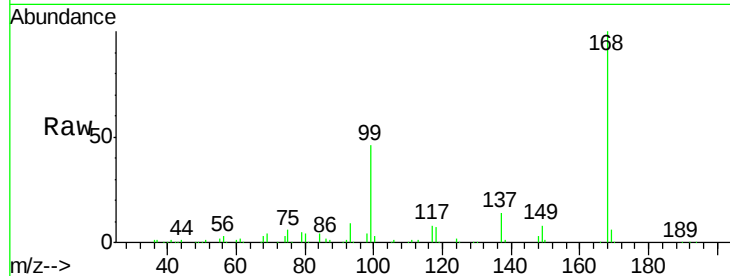
Tot Ion:117 Resp: 76987

Ion Ratio Lower Upper

117 100

119 4.6 76.6 115.0#

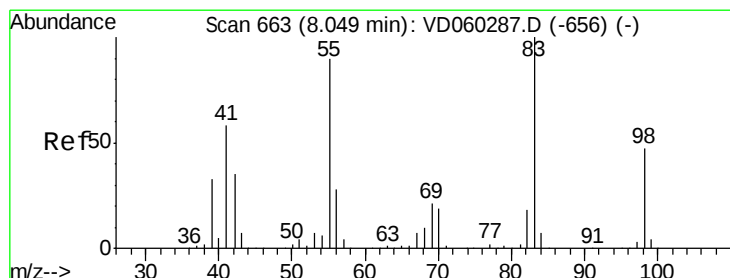
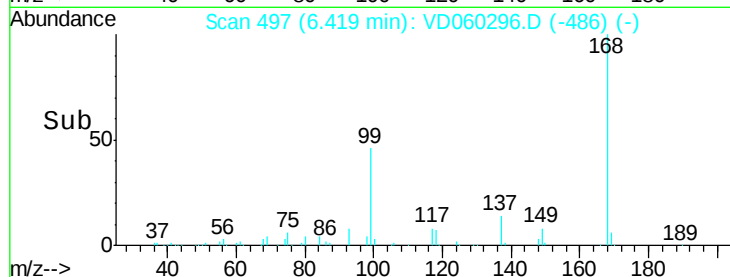
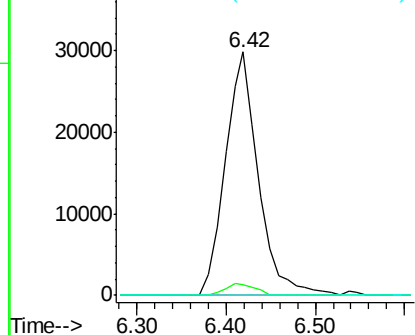
121 0.0 24.3 36.5#



Abundance Ion 116.85 (116.55 to 117.55):

Ion 118.85 (118.55 to 119.55):

Ion 120.85 (120.55 to 121.55):



#39

Methylcyclohexane

Concen: 11.74 ug/l

RT: 8.05 min Scan# 663

Delta R.T. 0.00 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

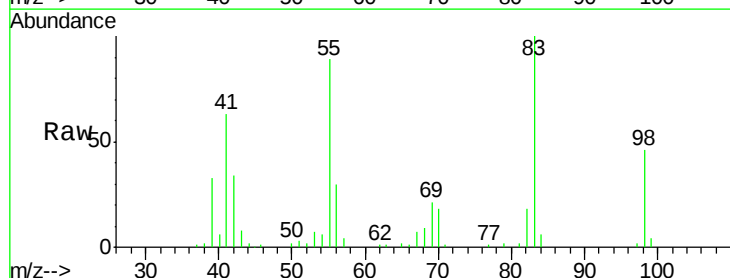
Tgt Ion: 83 Resp: 197114

Ion Ratio Lower Upper

83 100

55 88.9 71.2 106.8

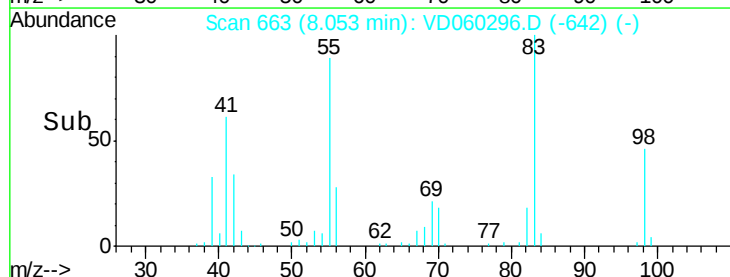
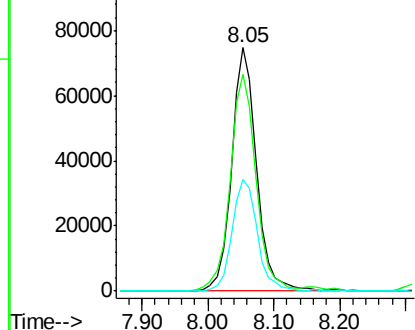
98 45.9 38.4 57.6

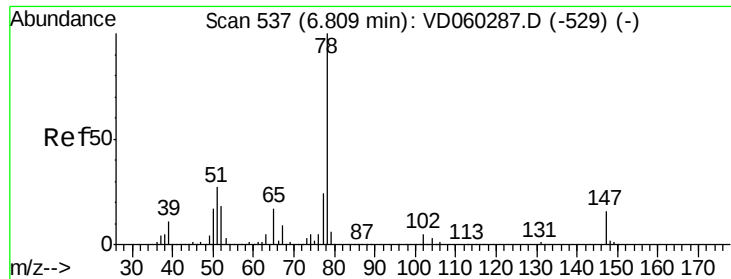


Abundance Ion 83.05 (82.75 to 83.75): VD

Ion 55.00 (54.70 to 55.70): VD

Ion 98.05 (97.75 to 98.75): VD





#40

Benzene

Concen: 36.00 ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.01 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

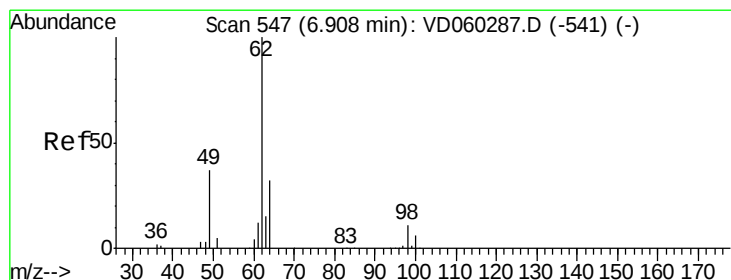
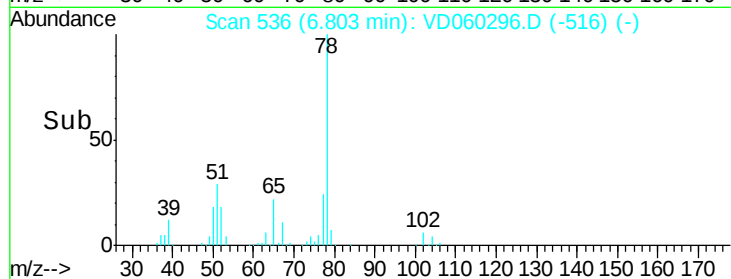
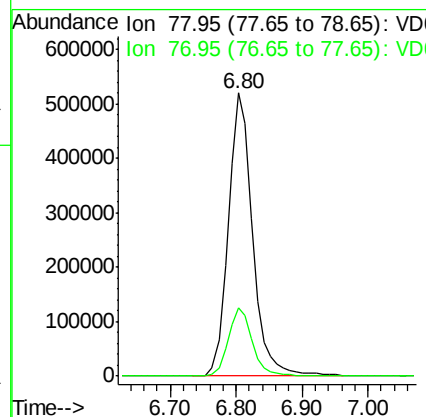
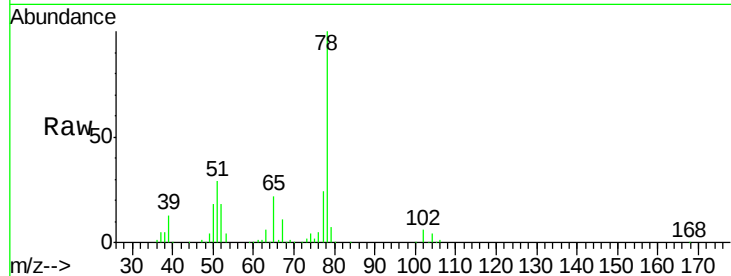
ClientSampleId :

Tot Ion: 78 Resp: 1341694

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2



#42

1,2-Dichloroethane

Concen: 1.06 ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.10 min

Lab File: VD060296.D

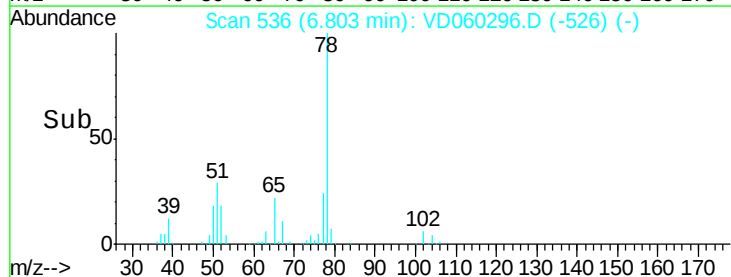
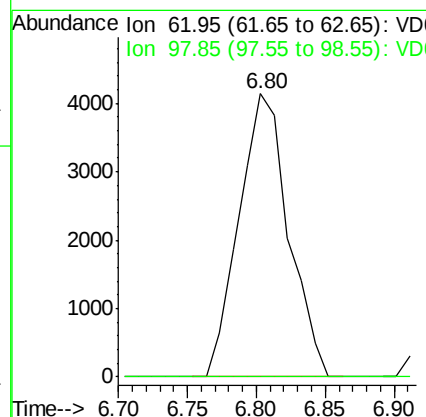
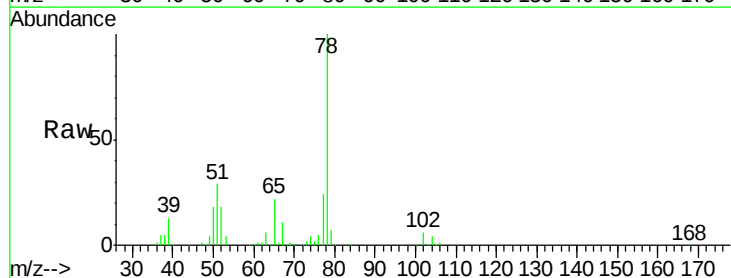
Acq: 7 Nov 2018 12:57

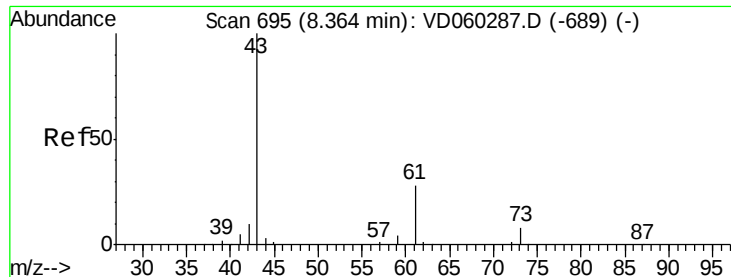
Tgt Ion: 62 Resp: 10346

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 1.28 ug/l

RT: 8.41 min Scan# 699

Delta R.T. 0.04 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

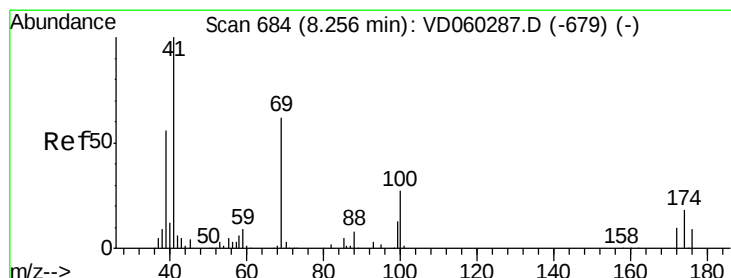
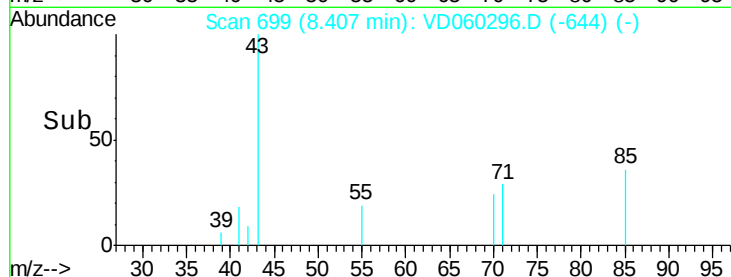
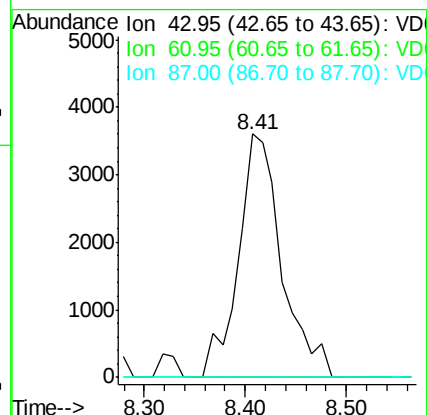
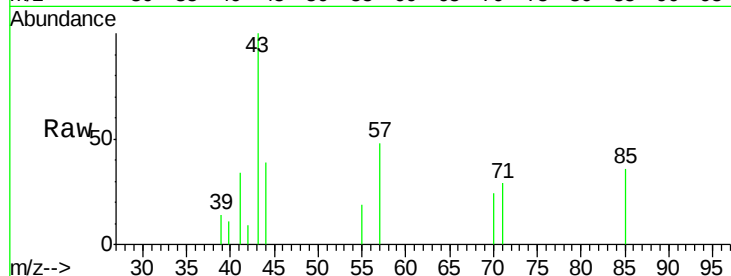
Tot Ion: 43 Resp: 10788

Ion Ratio Lower Upper

43 100

61 0.0 22.3 33.5#

87 0.0 0.2 0.2#



#48

Methyl methacrylate

Concen: 1.48 ug/l

RT: 8.32 min Scan# 690

Delta R.T. 0.06 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

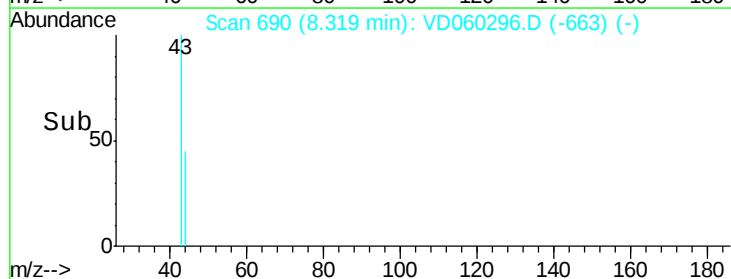
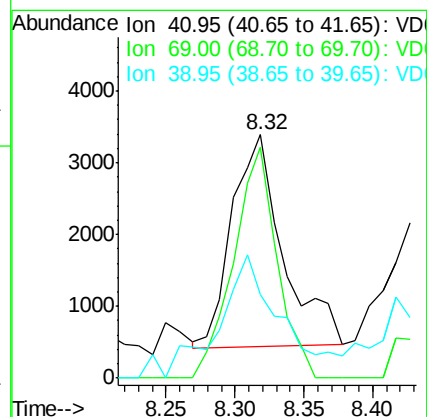
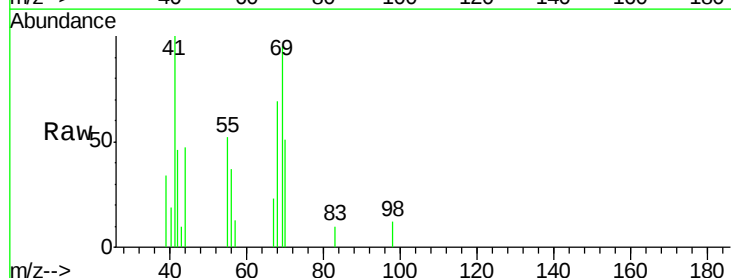
Tgt Ion: 41 Resp: 7568

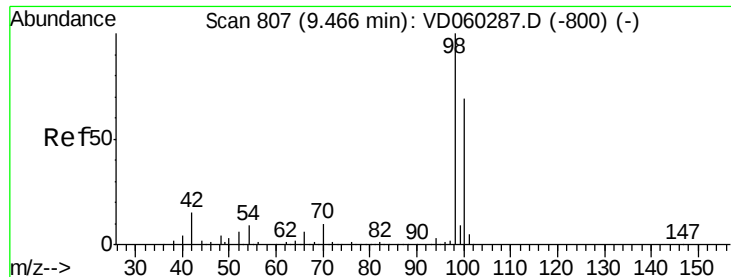
Ion Ratio Lower Upper

41 100

69 94.6 47.0 70.4#

39 34.5 46.2 69.4#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.47 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

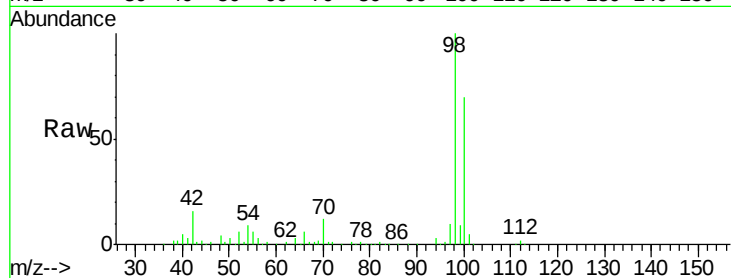
ClientSampled :

Tot Ion: 98 Resp: 1072941

Ion Ratio Lower Upper

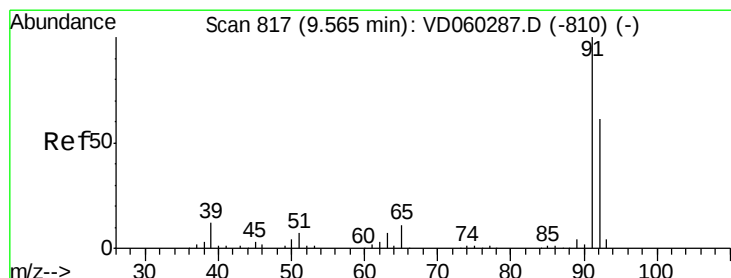
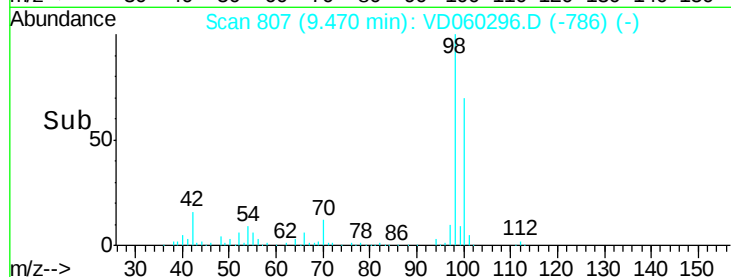
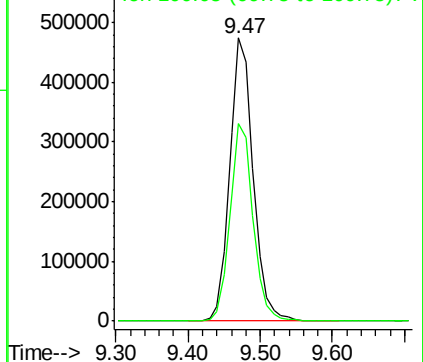
98 100

100 69.9 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD

Ion 100.05 (99.75 to 100.75): V



#52

Toluene

Concen: 1.30 ug/l

RT: 9.57 min Scan# 817

Delta R.T. 0.00 min

Lab File: VD060296.D

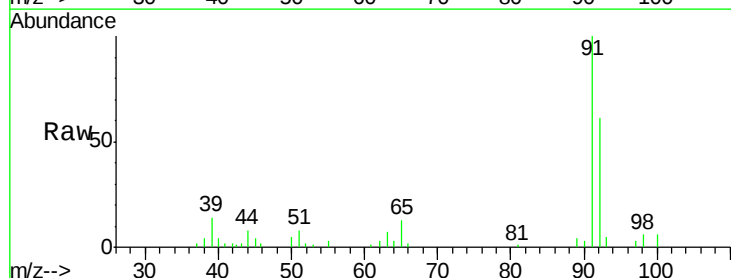
Acq: 7 Nov 2018 12:57

Tgt Ion: 92 Resp: 30935

Ion Ratio Lower Upper

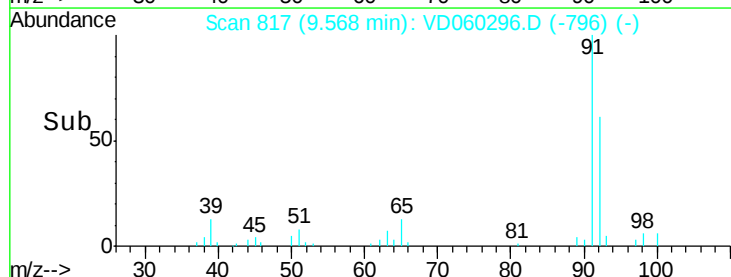
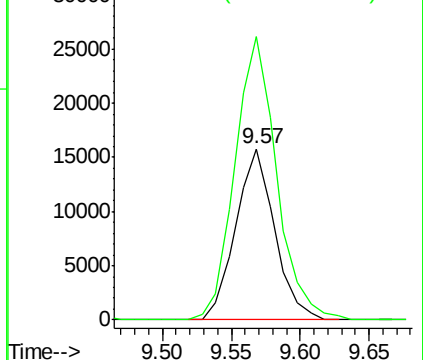
92 100

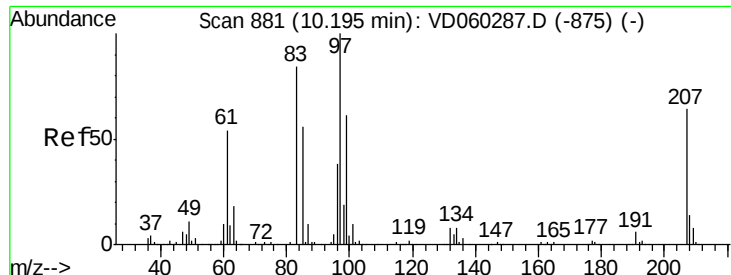
91 165.2 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VD

Ion 91.00 (90.70 to 91.70): VD

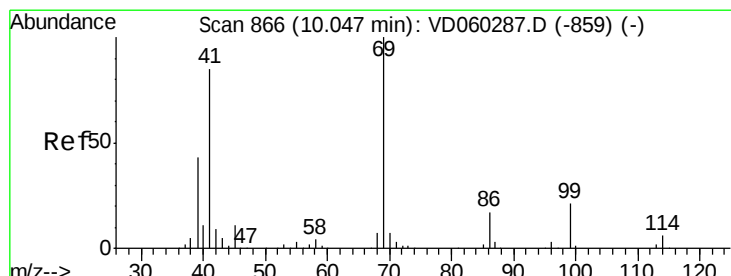
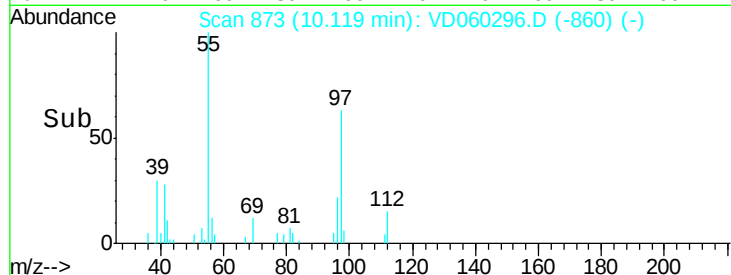
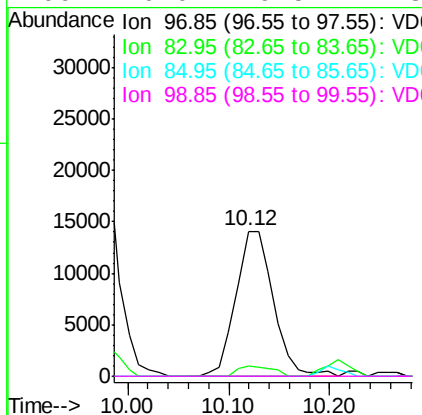
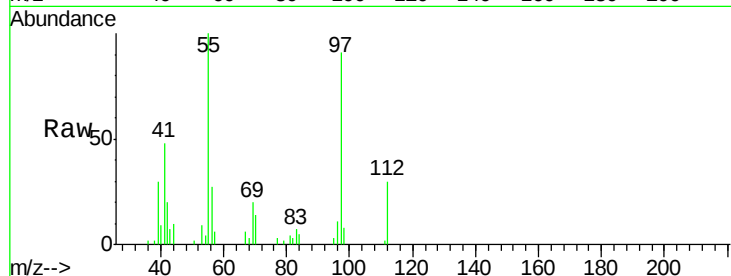




#55
 1,1,2-Trichloroethane
 Concen: 5.26 ug/l
 RT: 10.12 min Scan# 873
 Delta R.T. -0.08 min
 Lab File: VD060296.D
 Acq: 7 Nov 2018 12:57

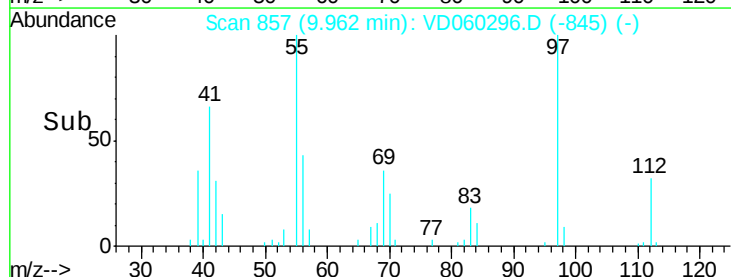
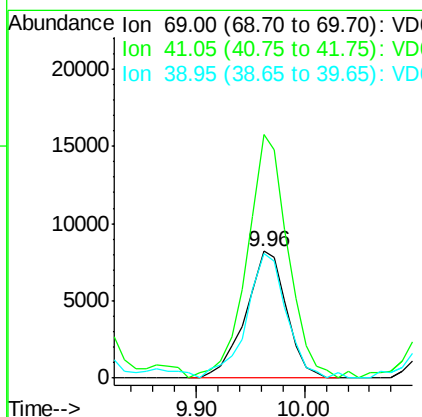
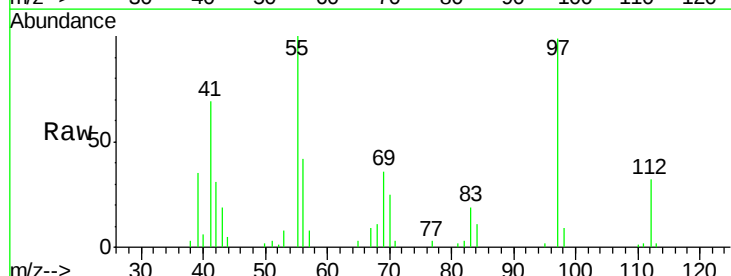
Instrument :
 MSVOA_D
 ClientSampleID :

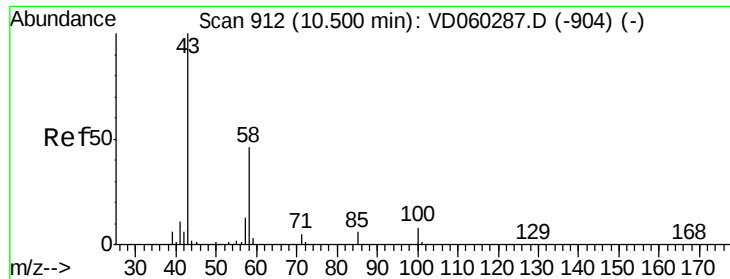
Tot Ion: 97 Resp: 36316
 Ion Ratio Lower Upper
 97 100
 83 7.1 68.4 102.6#
 85 0.0 46.8 70.2#
 99 0.0 49.5 74.3#



#56
 Ethyl methacrylate
 Concen: 3.39 ug/l
 RT: 9.96 min Scan# 857
 Delta R.T. -0.08 min
 Lab File: VD060296.D
 Acq: 7 Nov 2018 12:57

Tgt Ion: 69 Resp: 21490
 Ion Ratio Lower Upper
 69 100
 41 191.7 69.0 103.4#
 39 98.2 36.6 54.8#





#59

2-Hexanone

Concen: 10.53 ug/l

RT: 10.46 min Scan# 908

Delta R.T. -0.04 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

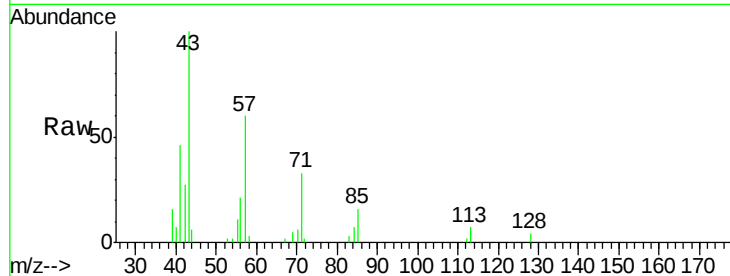
ClientSampled :

Tot Ion: 43 Resp: 41219

Ion Ratio Lower Upper

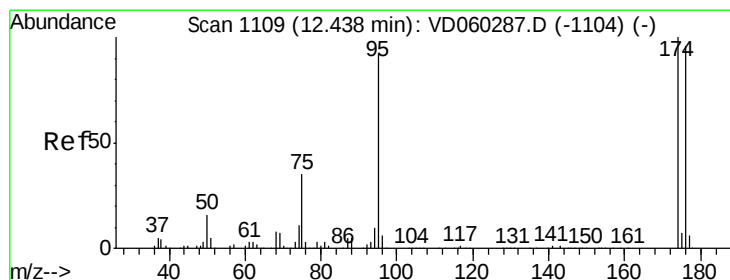
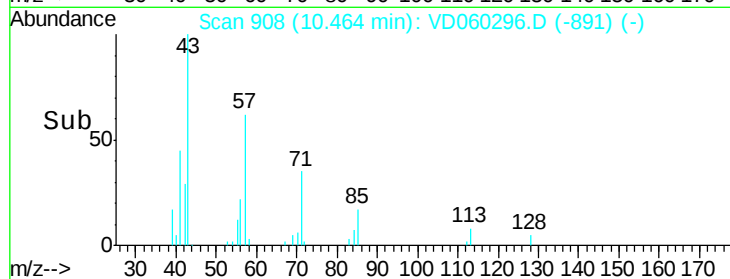
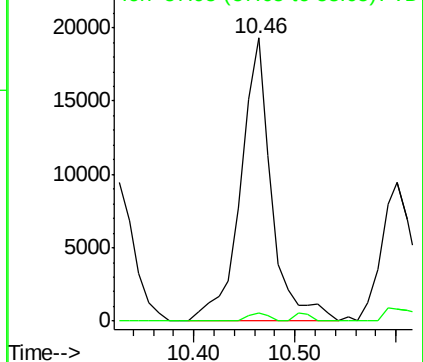
43 100

58 2.7 22.9 68.5#



Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 57.95 (57.65 to 58.65): VD



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

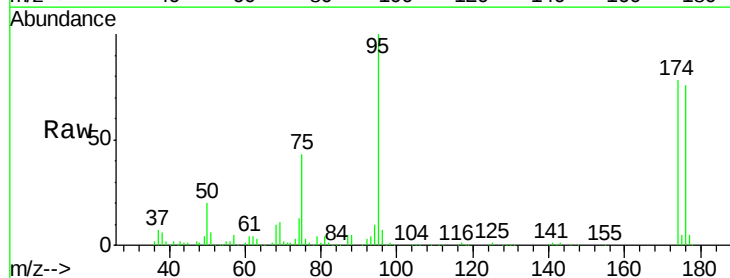
Tgt Ion: 95 Resp: 394061

Ion Ratio Lower Upper

95 100

174 77.8 0.0 160.8

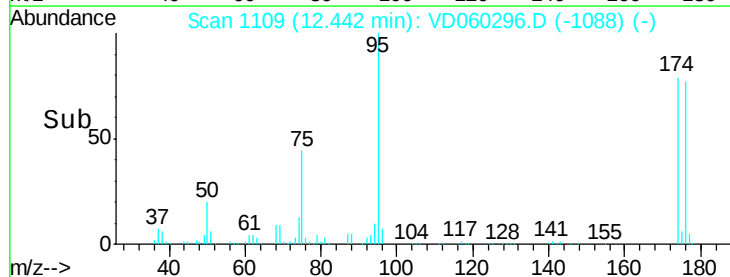
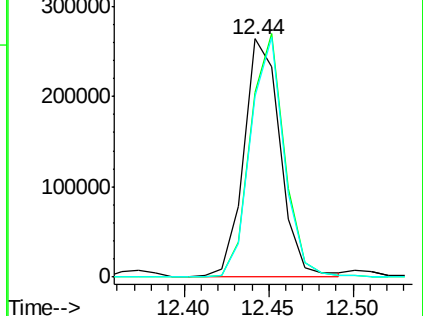
176 75.8 0.0 154.6

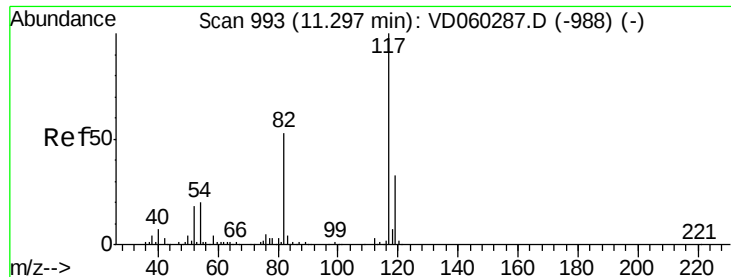


Abundance Ion 95.00 (94.70 to 95.70): VD

Ion 173.90 (173.60 to 174.60):

Ion 175.90 (175.60 to 176.60):

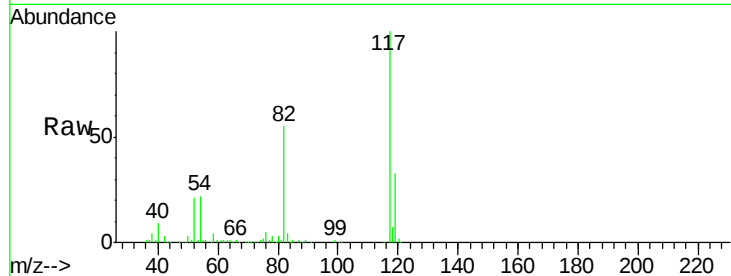




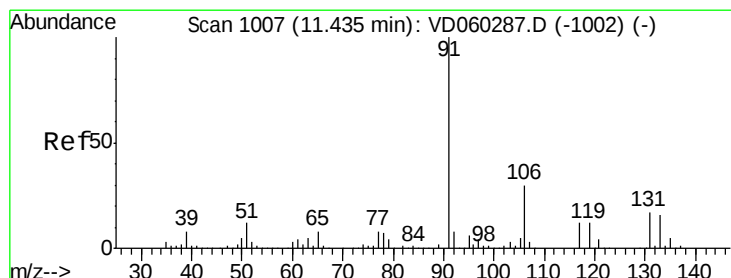
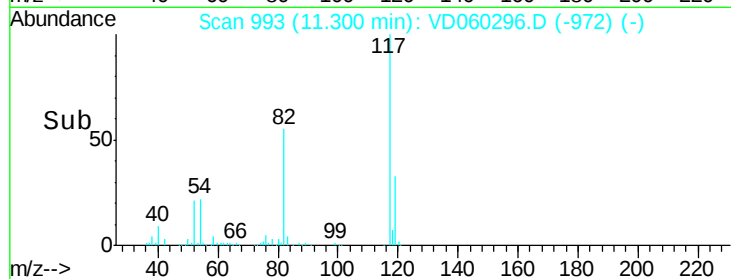
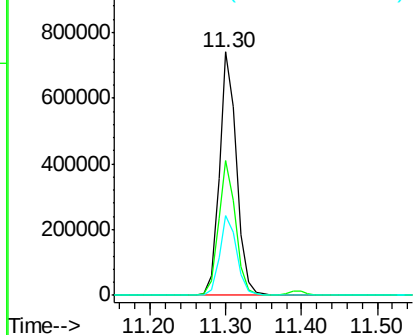
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.00 min
Lab File: VD060296.D
Acq: 7 Nov 2018 12:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1173854
Ion Ratio Lower Upper
117 100
82 55.2 43.7 65.5
119 32.8 26.1 39.1

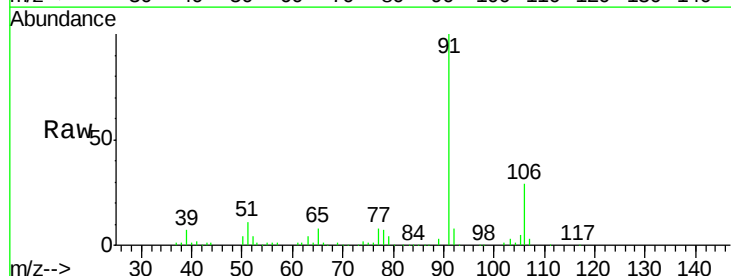


Abundance Ion 116.95 (116.65 to 117.65):
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65):

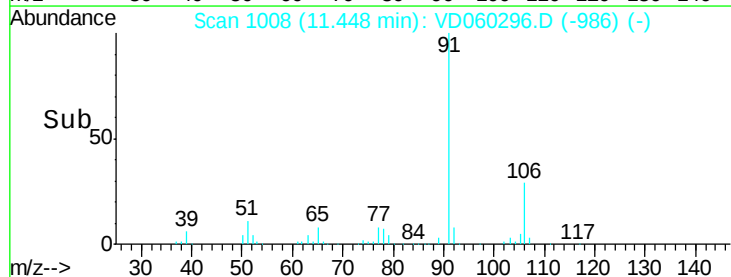
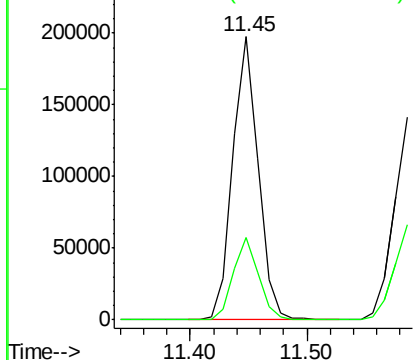


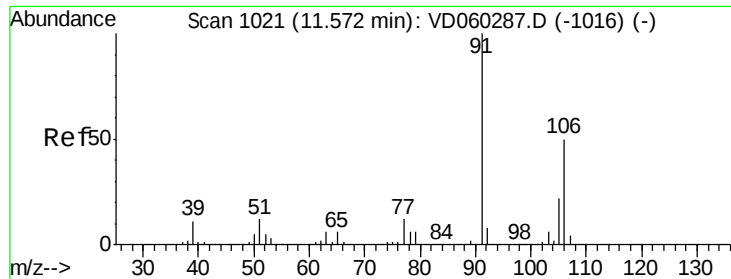
#67
Ethyl Benzene
Concen: 6.90 ug/l
RT: 11.45 min Scan# 1008
Delta R.T. 0.01 min
Lab File: VD060296.D
Acq: 7 Nov 2018 12:57

Tgt Ion: 91 Resp: 300065
Ion Ratio Lower Upper
91 100
106 29.2 24.6 36.8



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

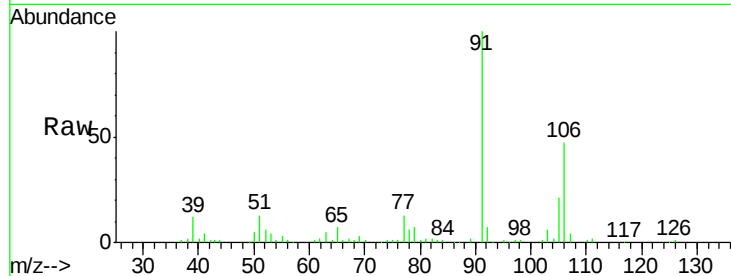




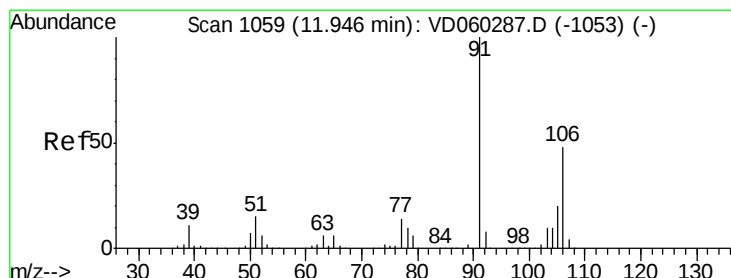
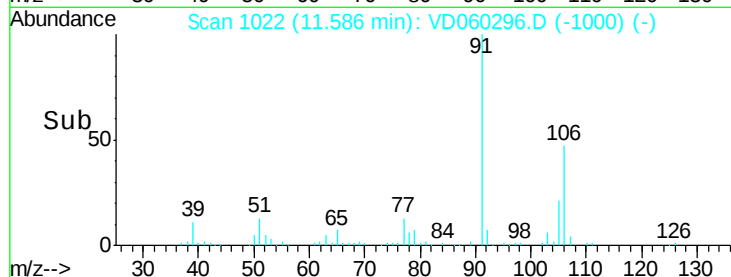
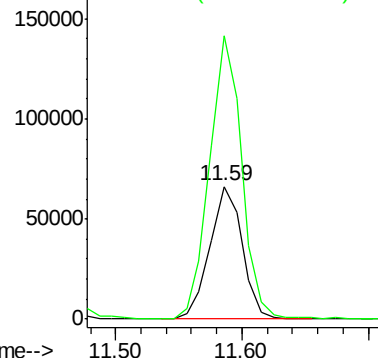
#68
m/p-Xvlenes
Concen: 7.34 ug/l
RT: 11.59 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VD060296.D
Acq: 7 Nov 2018 12:57

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 117775
Ion Ratio Lower Upper
106 100
91 213.1 159.4 239.2

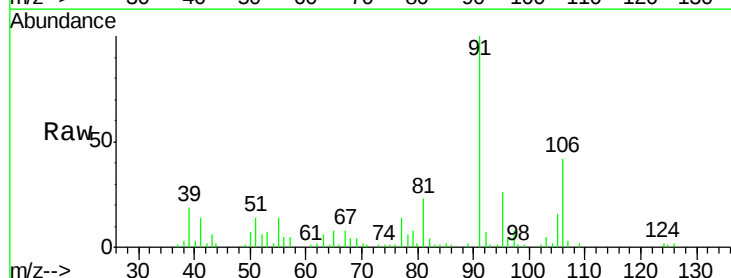


Abundance Ion 106.05 (105.75 to 106.75):
Ion 91.00 (90.70 to 91.70): VD

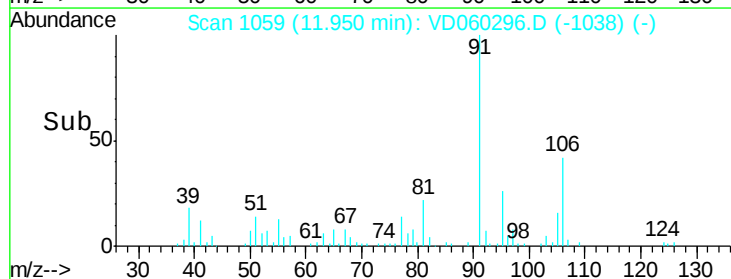
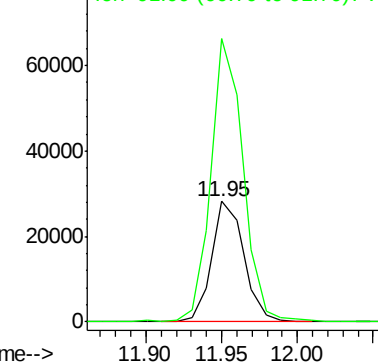


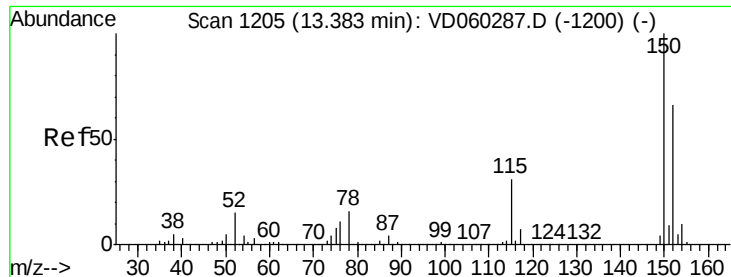
#69
o-Xylene
Concen: 2.69 ug/l
RT: 11.95 min Scan# 1059
Delta R.T. 0.00 min
Lab File: VD060296.D
Acq: 7 Nov 2018 12:57

Tgt Ion:106 Resp: 41693
Ion Ratio Lower Upper
106 100
91 235.5 109.2 327.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.40 min Scan# 1206

Delta R.T. 0.01 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

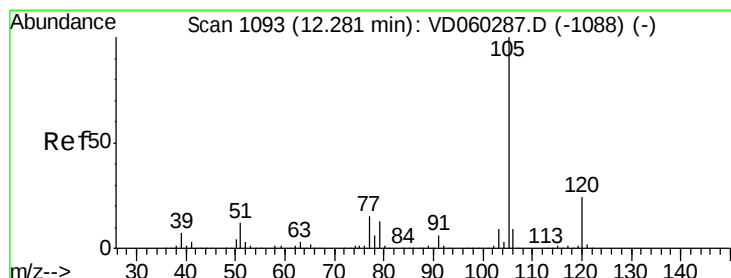
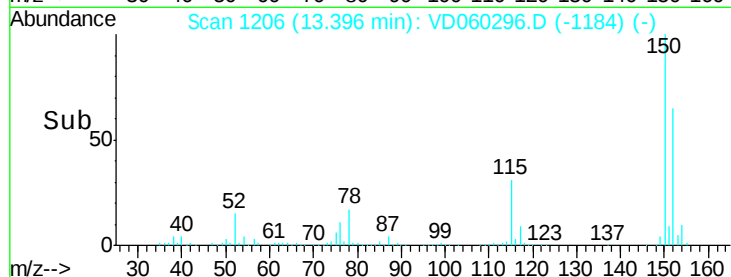
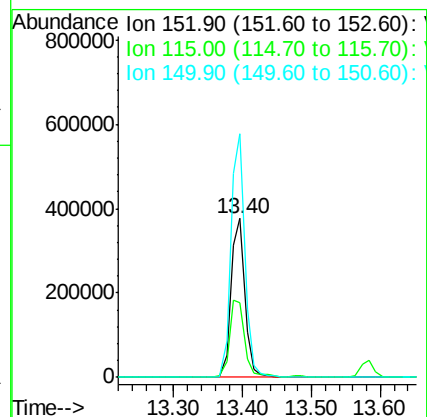
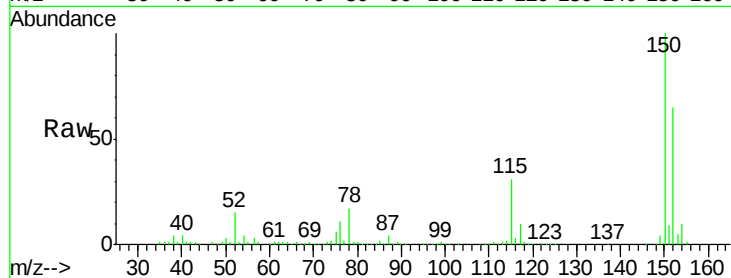
Tot Ion:152 Resp: 528444

Ion Ratio Lower Upper

152 100

115 47.2 24.1 72.3

150 153.1 0.0 310.6



#73

Isopropylbenzene

Concen: 2.37 ug/l

RT: 12.29 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VD060296.D

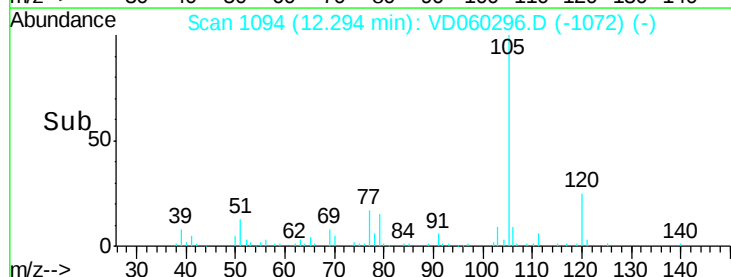
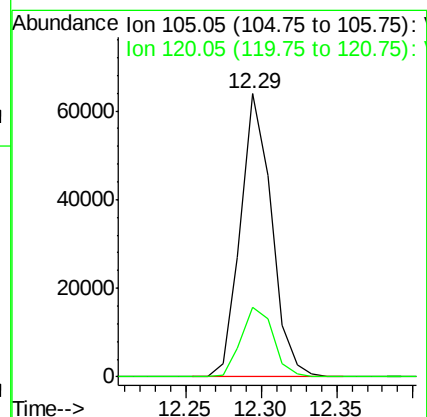
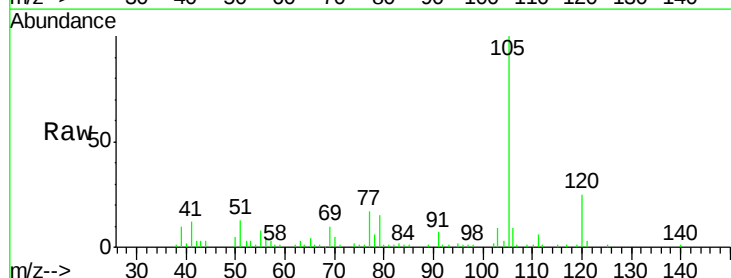
Acq: 7 Nov 2018 12:57

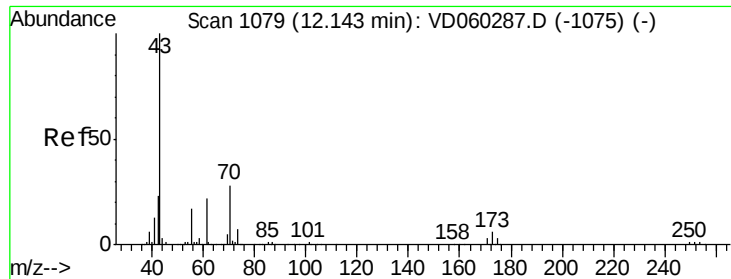
Tgt Ion:105 Resp: 91179

Ion Ratio Lower Upper

105 100

120 24.6 12.1 36.3





#74

N-amvl acetate

Concen: 2.94 ug/l

RT: 12.11 min Scan# 1075

Delta R.T. -0.04 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 28995

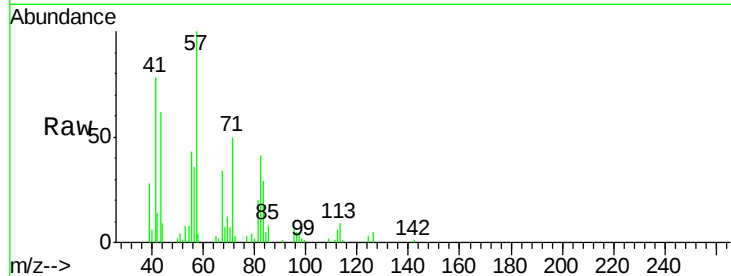
Ion Ratio Lower Upper

43 100

70 11.8 23.0 34.4#

55 69.6 14.2 21.4#

61 0.0 17.8 26.8#

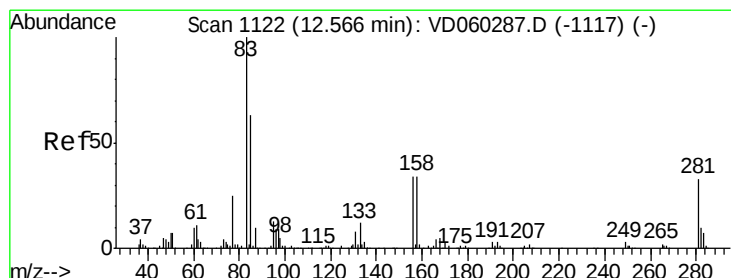
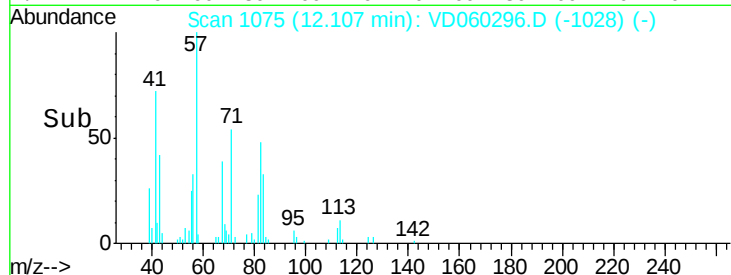
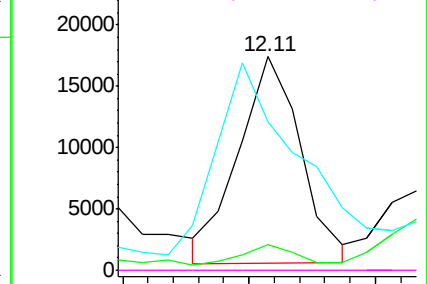


Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 70.00 (69.70 to 70.70): VD

Ion 55.00 (54.70 to 55.70): VD

Ion 60.95 (60.65 to 61.65): VD



#75

1,1,2,2-Tetrachloroethane

Concen: 2.52 ug/l

RT: 12.60 min Scan# 1125

Delta R.T. 0.03 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

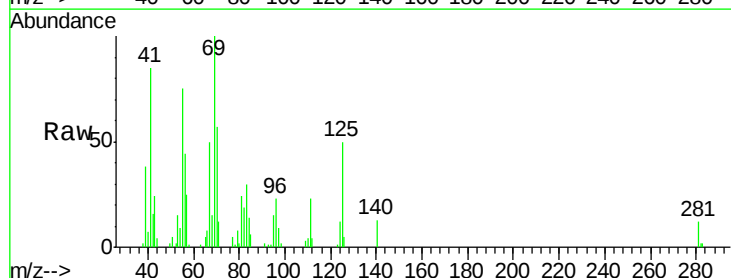
Tgt Ion: 83 Resp: 15843

Ion Ratio Lower Upper

83 100

131 0.0 3.9 11.5#

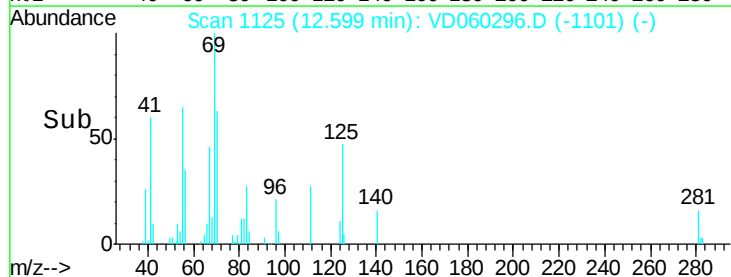
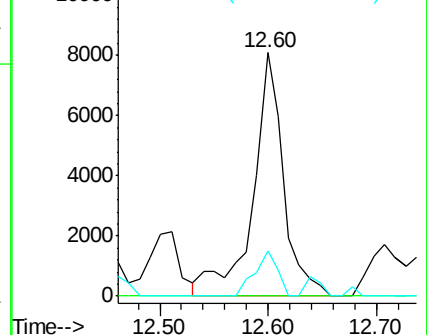
85 18.6 32.0 96.0#

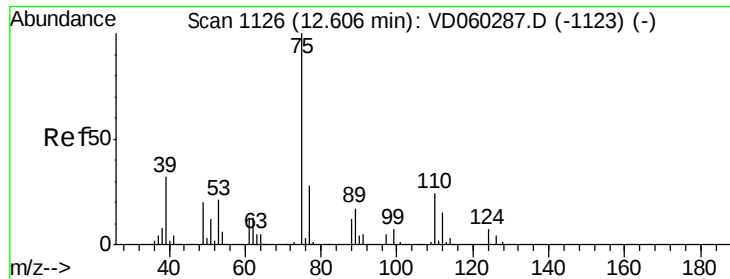


Abundance Ion 82.95 (82.65 to 83.65): VD

Ion 130.90 (130.60 to 131.60):

Ion 84.95 (84.65 to 85.65): VD

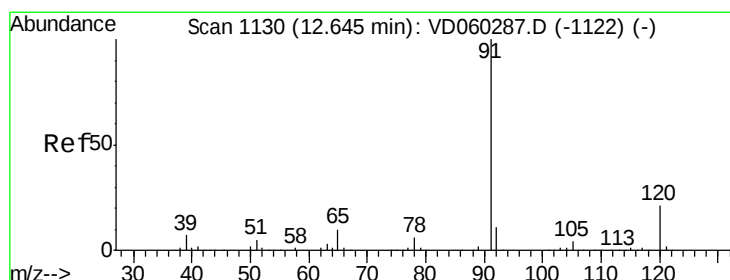
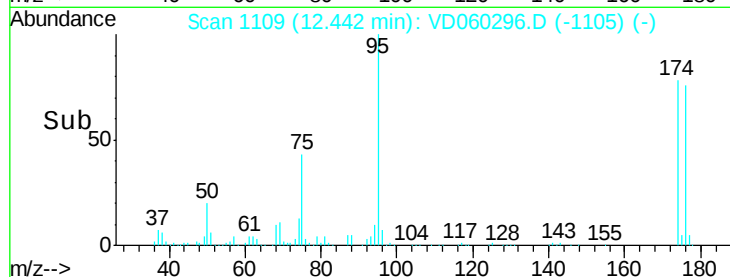
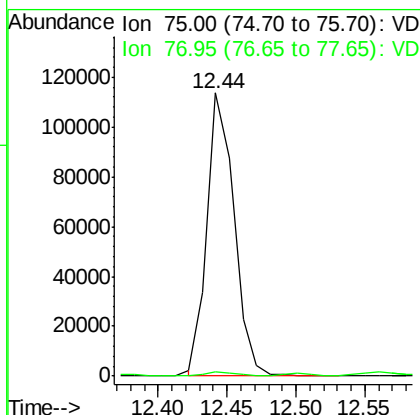
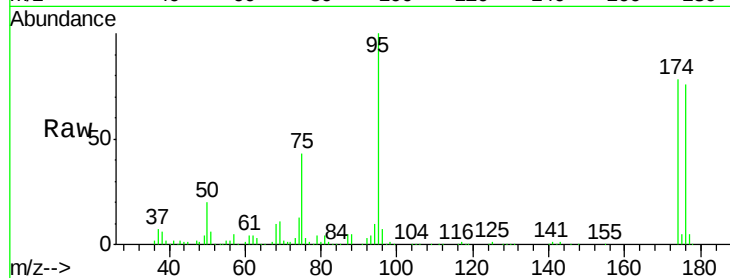




#76
 1,2,3-Trichloropropane
 Concen: 24.67 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. -0.16 min
 Lab File: VD060296.D
 Acq: 7 Nov 2018 12:57

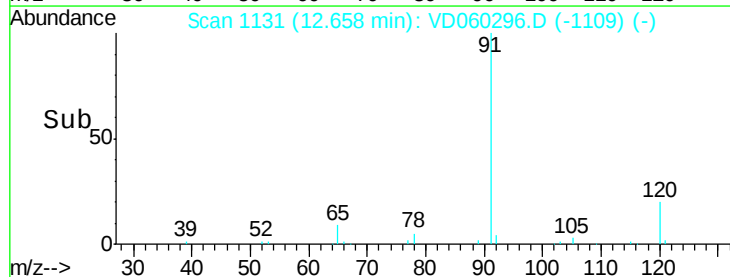
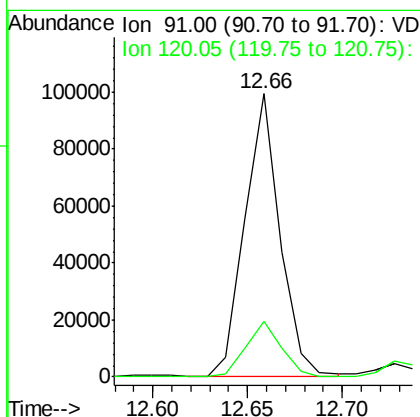
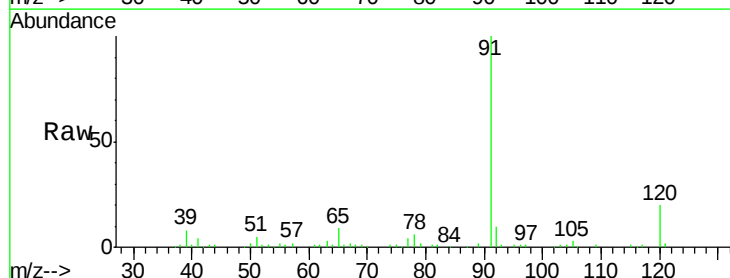
Instrument :
 MSVOA_D
 ClientSampleId :

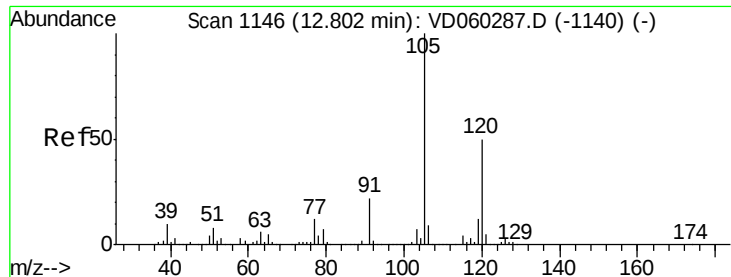
Tot Ion: 75 Resp: 155973
 Ion Ratio Lower Upper
 75 100
 77 1.7 16.4 49.1#



#78
 n-propylbenzene
 Concen: 2.63 ug/l
 RT: 12.66 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: VD060296.D
 Acq: 7 Nov 2018 12:57

Tgt Ion: 91 Resp: 126395
 Ion Ratio Lower Upper
 91 100
 120 19.6 10.4 31.4





#80

1,3,5-Trimethylbenzene

Concen: 1.07 ug/l

RT: 12.82 min Scan# 1147

Delta R.T. 0.01 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

Instrument :

MSVOA_D

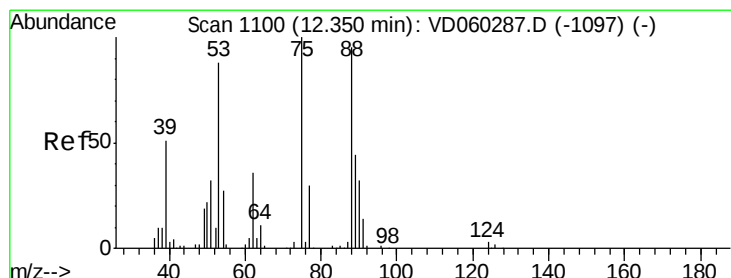
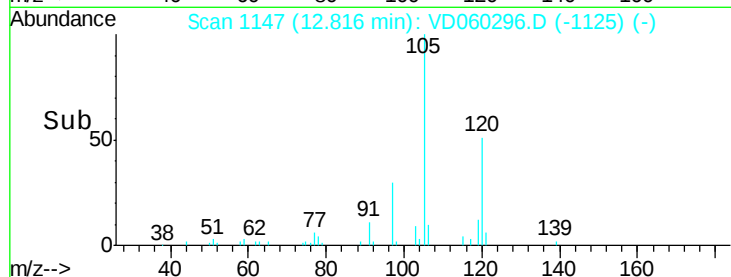
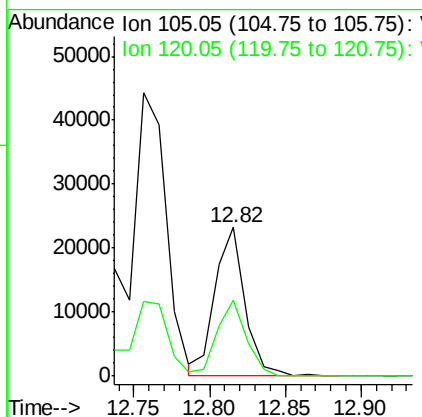
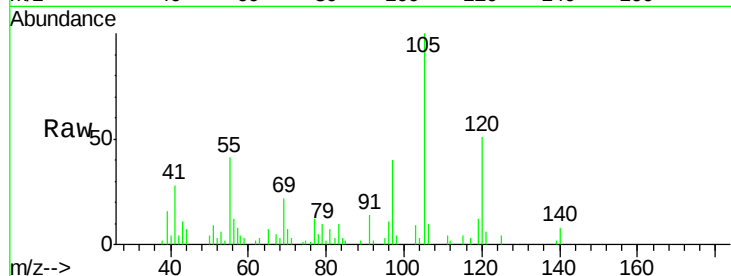
ClientSampled :

Tot Ion:105 Resp: 32107

Ion Ratio Lower Upper

105 100

120 51.5 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 87.40 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.09 min

Lab File: VD060296.D

Acq: 7 Nov 2018 12:57

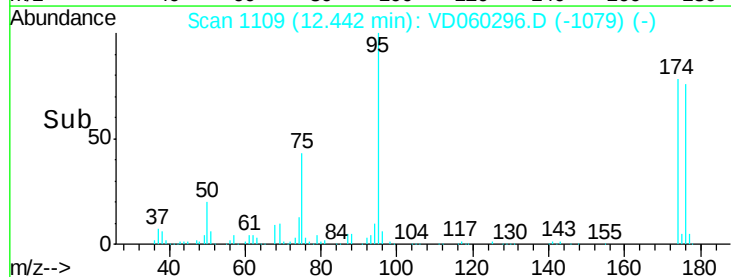
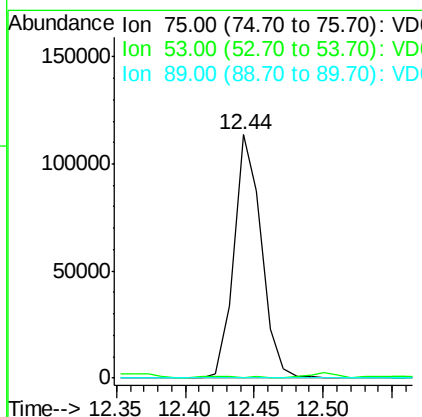
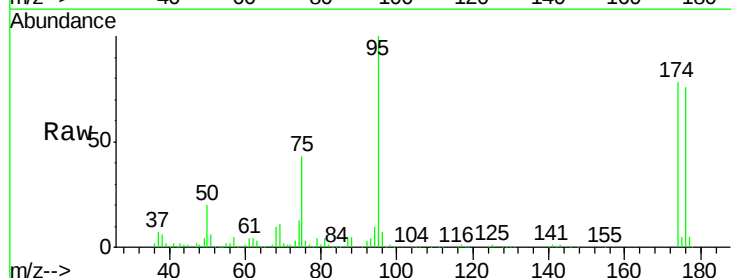
Tgt Ion: 75 Resp: 157286

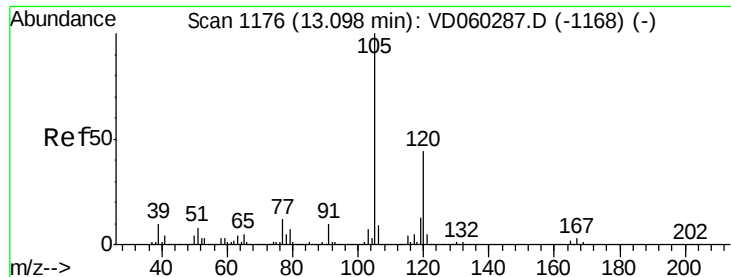
Ion Ratio Lower Upper

75 100

53 0.4 68.6 103.0#

89 0.0 34.1 51.1#

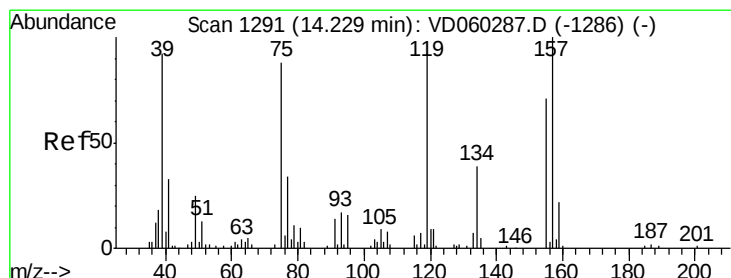
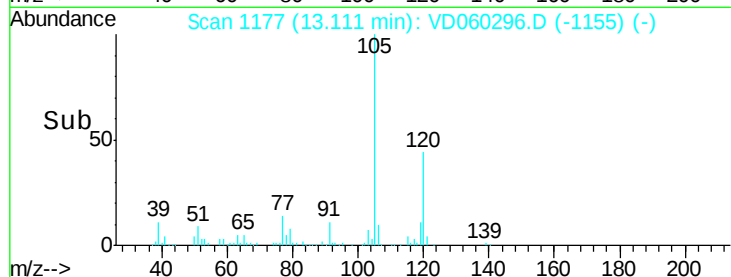
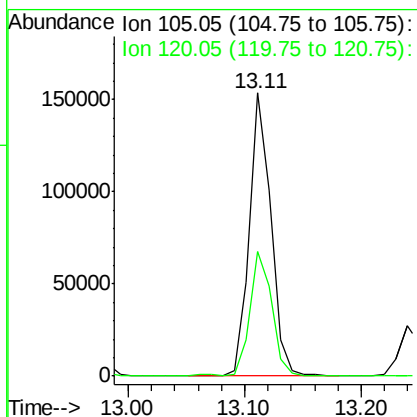
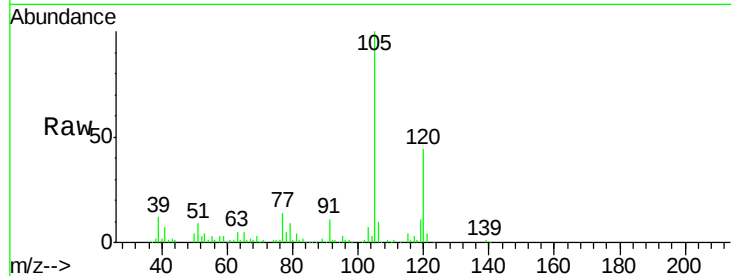




#84
 1,2,4-Trimethylbenzene
 Concen: 6.60 ug/l
 RT: 13.11 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VD060296.D
 Acq: 7 Nov 2018 12:57

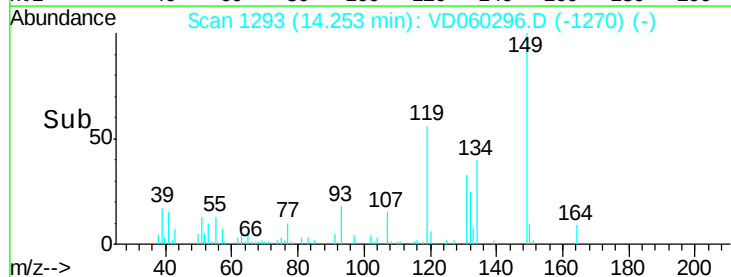
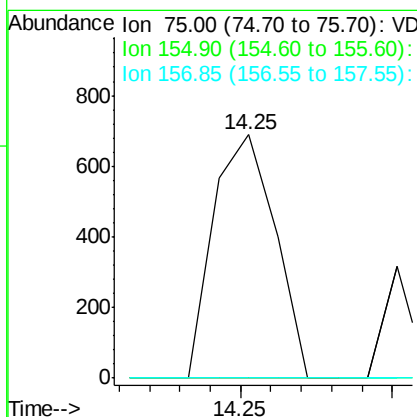
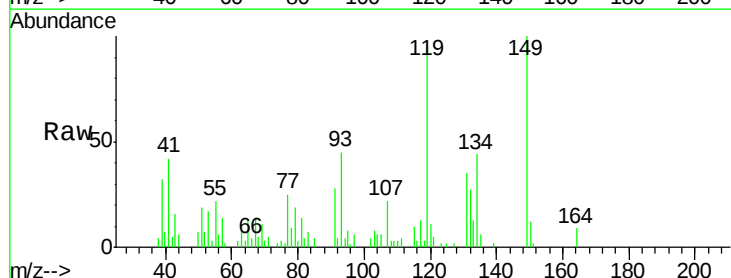
Instrument :
 MSVOA_D
 ClientSampleId :

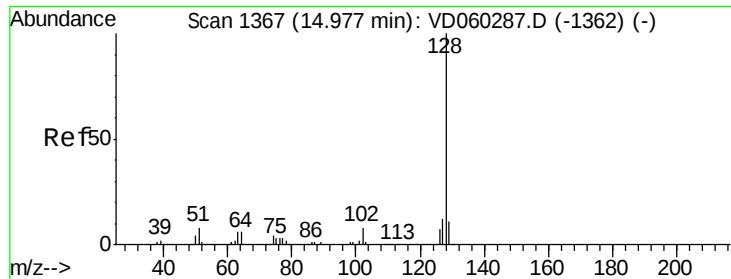
Tot Ion:105 Resp: 197094
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.29 ug/l
 RT: 14.25 min Scan# 1293
 Delta R.T. 0.02 min
 Lab File: VD060296.D
 Acq: 7 Nov 2018 12:57

Tgt Ion: 75 Resp: 978
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.3 192.9#
 157 0.0 81.0 243.1#





#95
 Naphthalene
 Concen: 350.17 ug/l
 RT: 14.99 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VD060296.D
 Acq: 7 Nov 2018 12:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:128 Resp: 5066597
 Ion Ratio Lower Upper
 128 100
 127 12.9 9.6 14.4
 129 11.3 8.6 12.8

