

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061610.D
 Acq On : 5 Apr 2019 8:00
 Operator : VA/AP
 Sample : K2193-05
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 05 23:17:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	482676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	809317	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	546417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	228562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	177373	43.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.04%	
35) Dibromofluoromethane	6.90	113	285478	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
50) Toluene-d8	10.38	98	436662	29.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.88%	
62) 4-Bromofluorobenzene	13.54	95	196072	34.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.94%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.86	74	3156	1.746	ug/l	75
16) Acetone	3.19	43	32656	30.809	ug/l	98
18) Methyl Acetate	3.61	43	2852	1.280	ug/l #	55
20) Methylene Chloride	3.79	84	74005	10.965	ug/l	96
31) Cyclohexane	7.01	56	8632	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.01	75	33722	4.774	ug/l #	43
38) Carbon Tetrachloride	7.01	117	46356	5.711	ug/l #	15
52) Toluene	10.48	92	19385	1.792	ug/l	85
55) 1,1,2-Trichloroethane	11.08	97	9384	2.481	ug/l #	15
59) 2-Hexanone	11.46	43	9633	4.972	ug/l #	26
67) Ethyl Benzene	12.51	91	29613	1.737	ug/l	99
69) o-Xylene	13.03	106	362046	57.782	ug/l	94
70) Styrene	13.03	104	16821	1.540	ug/l #	1
73) Isopropylbenzene	13.38	105	60904	3.829	ug/l	96
74) N-amyl acetate	13.21	43	86298	19.474	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	13.70	83	29289	8.728	ug/l #	54
76) 1,2,3-Trichloropropane	13.87	75	4781	1.448	ug/l #	1
78) n-propylbenzene	13.76	91	93906	4.824	ug/l	94
79) 2-Chlorotoluene	13.87	91	86464	8.180	ug/l #	36
80) 1,3,5-Trimethylbenzene	13.92	105	1127978	91.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.54	75	71591	71.117	ug/l #	25
82) 4-Chlorotoluene	13.92	91	113728	9.895	ug/l #	36
83) tert-Butylbenzene	14.17	119	22268	1.444	ug/l	93
84) 1,2,4-Trimethylbenzene	14.07	105	1155736	86.492	ug/l	77
85) sec-Butylbenzene	14.36	105	134984	8.238	ug/l	98
86) p-Isopropyltoluene	14.48	119	241930	17.460	ug/l	98
89) n-Butylbenzene	14.76	91	290992	22.881	ug/l #	1
90) Hexachloroethane	15.08	117	348960	89.144	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	15.36	75	4523	11.492	ug/l #	1
95) Naphthalene	16.11	128	7895	1.736	ug/l #	79

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.00 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

Instrument :

MSVOA_D

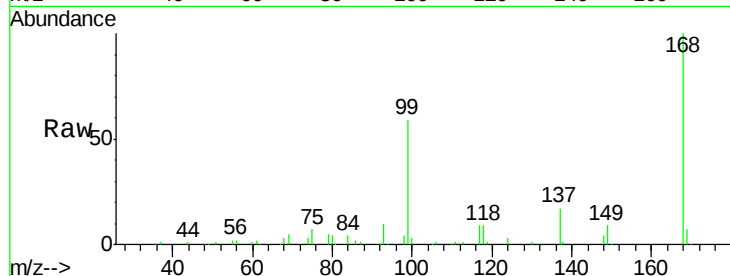
ClientSampleId :

Tot Ion:168 Resp: 482676

Ion Ratio Lower Upper

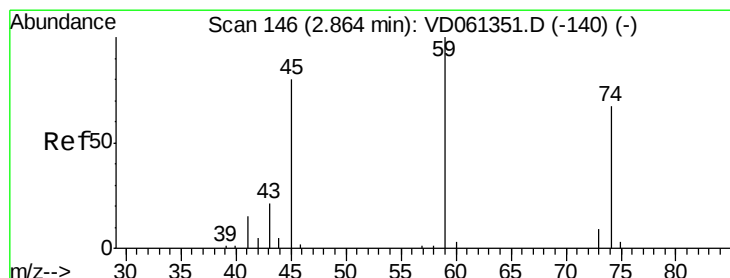
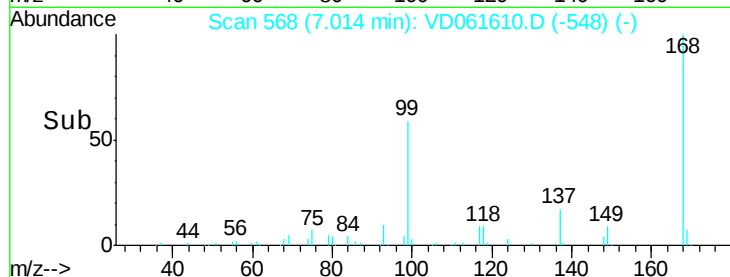
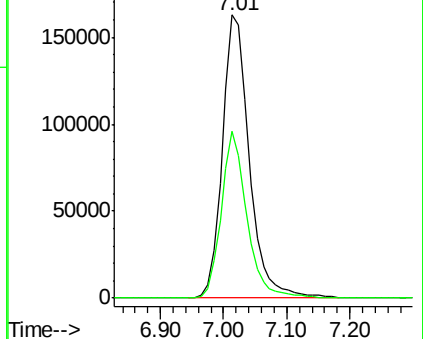
168 100

99 59.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.746 ug/l

RT: 2.86 min Scan# 146

Delta R.T. -0.00 min

Lab File: VD061610.D

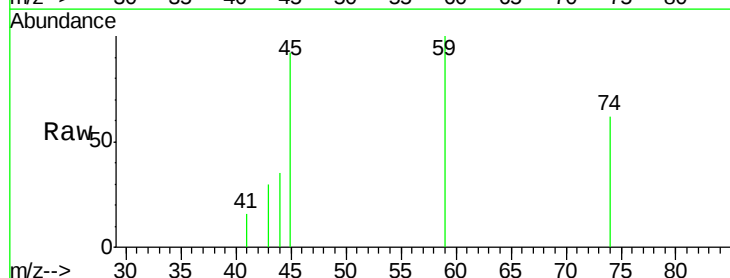
Acq: 5 Apr 2019 8:00

Tgt Ion: 74 Resp: 3156

Ion Ratio Lower Upper

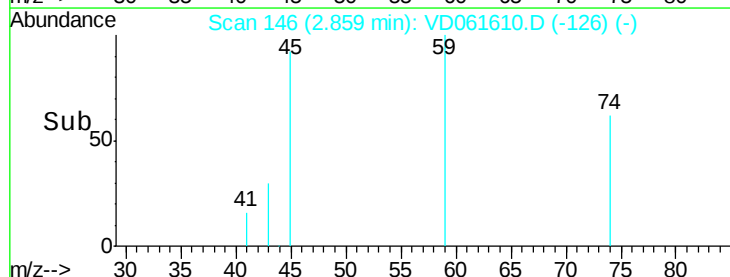
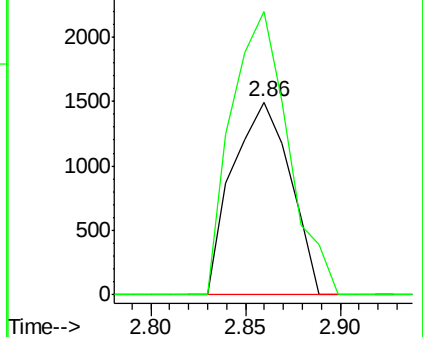
74 100

45 146.8 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 30.809 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.00 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

Instrument :

MSVOA_D

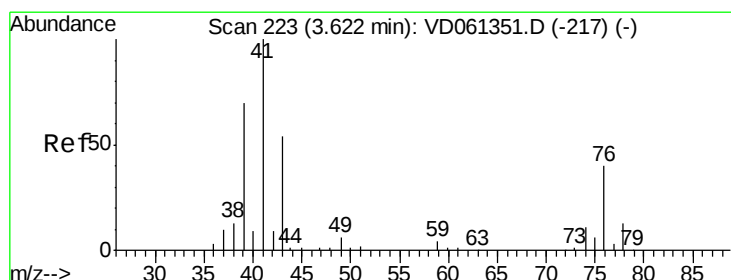
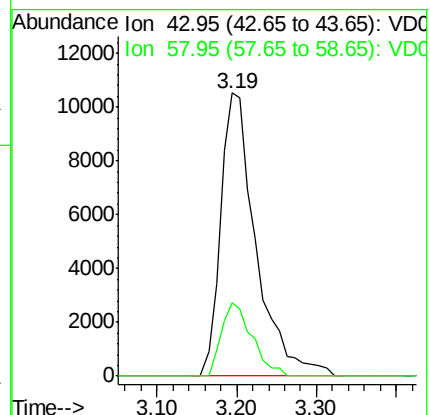
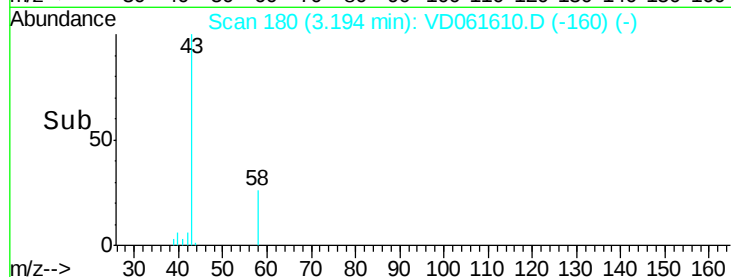
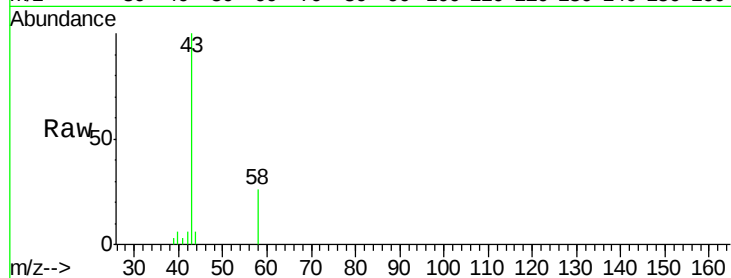
ClientSampled :

Tot Ion: 43 Resp: 32656

Ion Ratio Lower Upper

43 100

58 26.0 21.5 32.3



#18

Methyl Acetate

Concen: 1.280 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.01 min

Lab File: VD061610.D

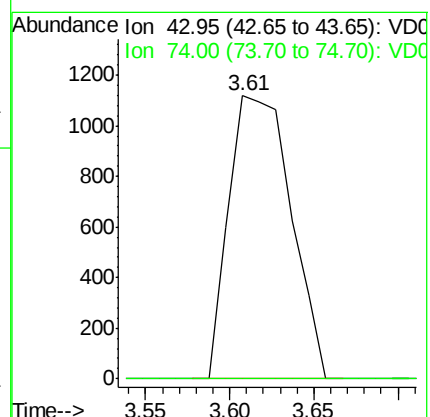
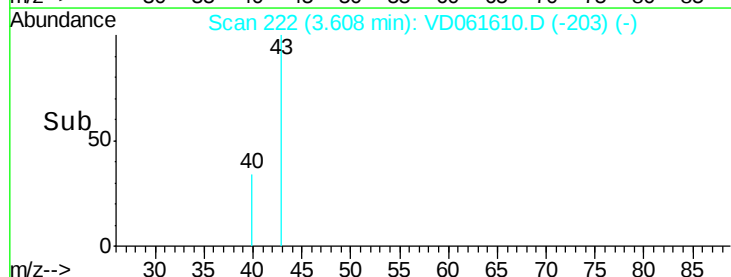
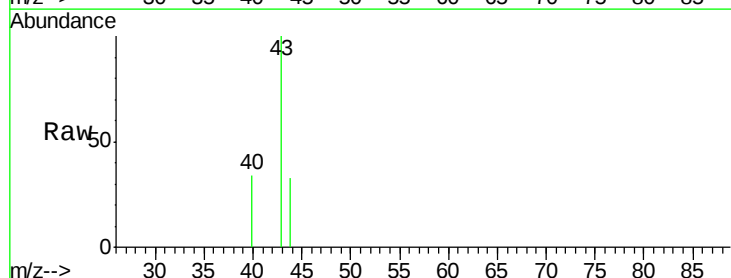
Acq: 5 Apr 2019 8:00

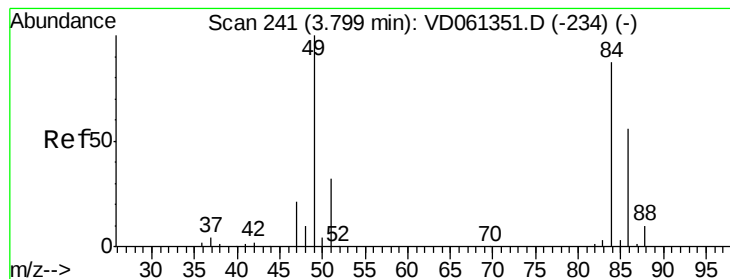
Tgt Ion: 43 Resp: 2852

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#





#20

Methylene Chloride

Concen: 10.965 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 74005

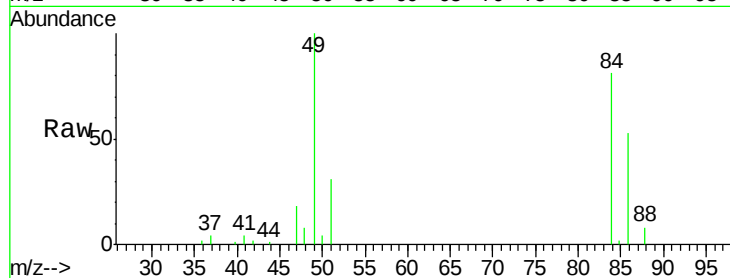
Ion Ratio Lower Upper

84 100

49 122.9 91.8 137.8

51 37.5 29.8 44.8

86 65.4 51.8 77.6

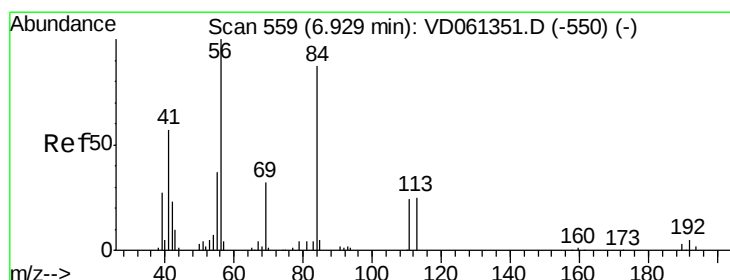
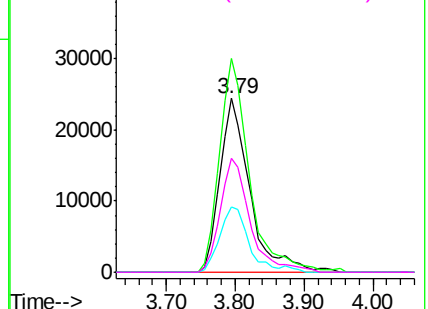
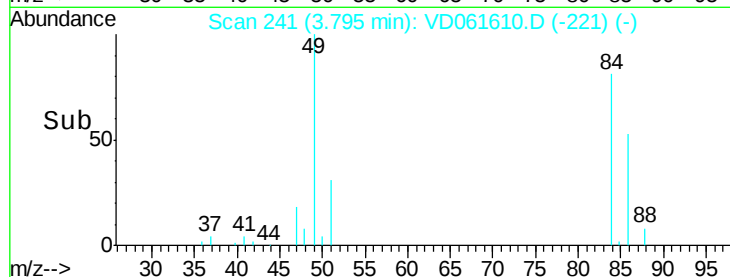


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 7.01 min Scan# 568

Delta R.T. 0.08 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

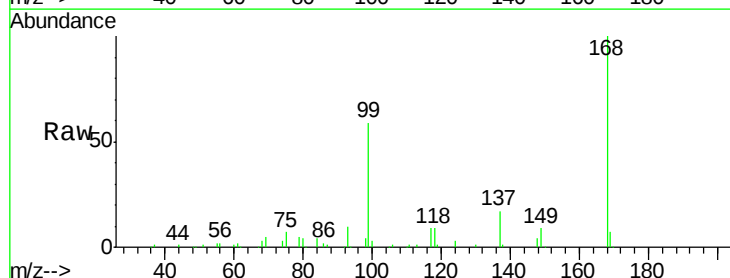
Tgt Ion: 56 Resp: 8632

Ion Ratio Lower Upper

56 100

69 231.1 25.7 38.5#

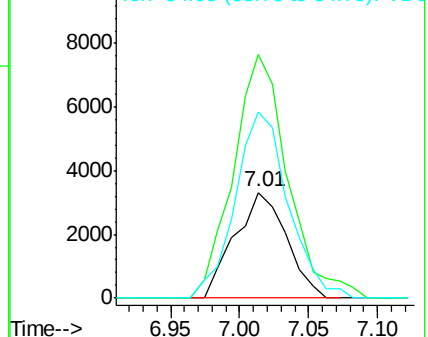
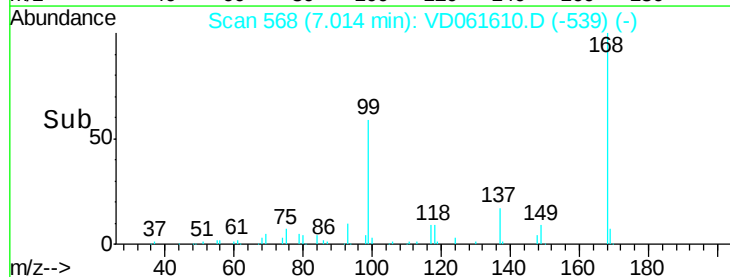
84 176.6 70.6 105.8#

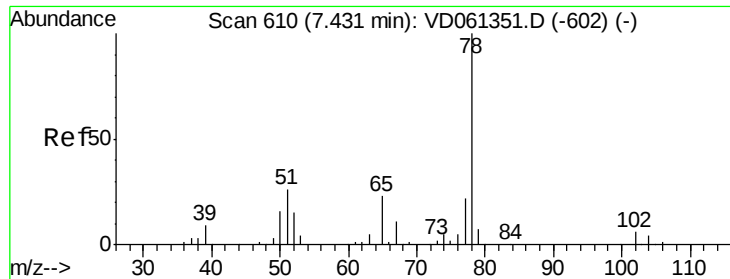


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

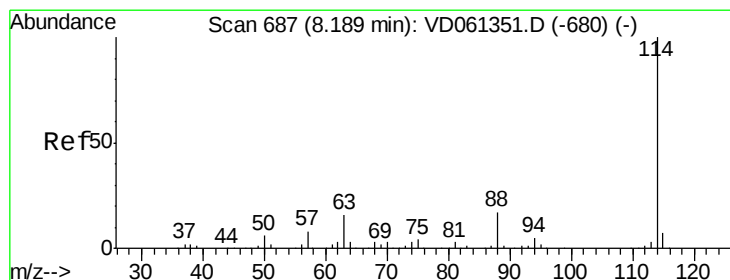
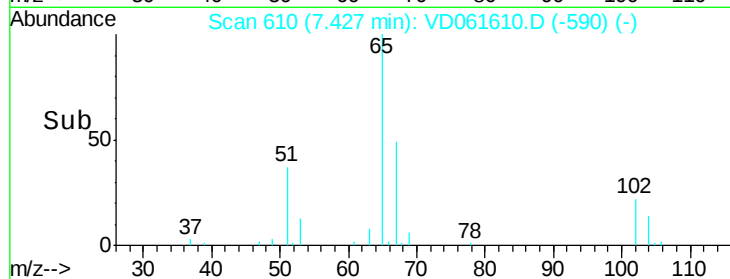
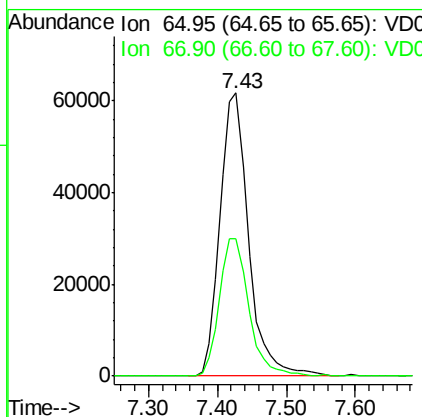
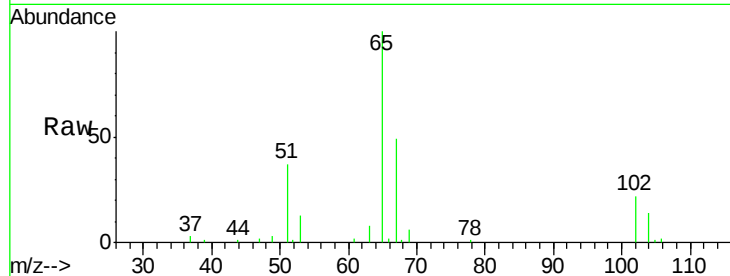




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

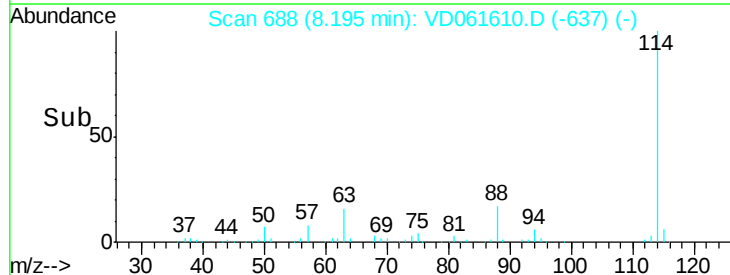
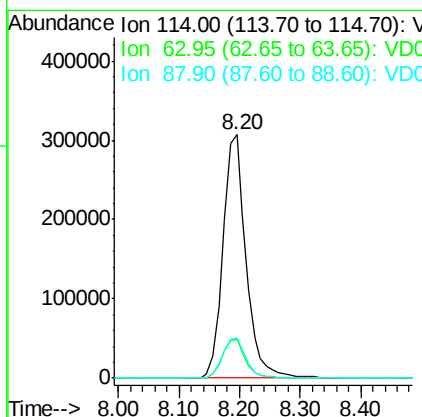
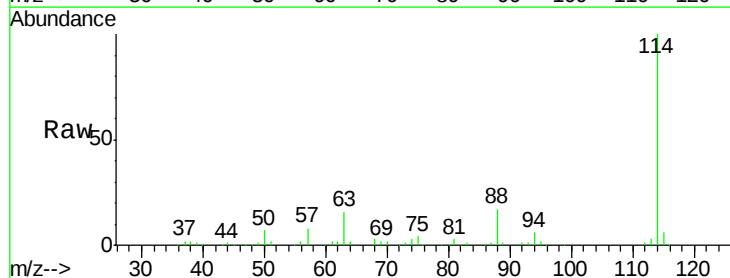
Instrument :
 MSVOA_D
 ClientSampleId :

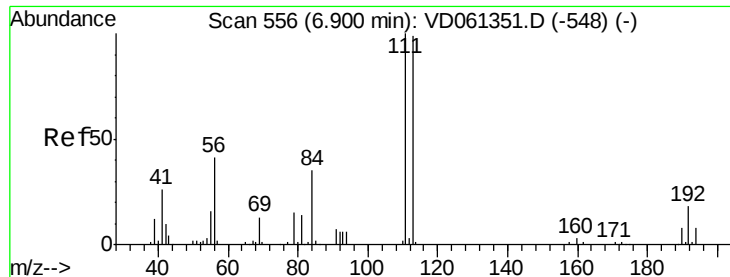
Tot Ion: 65 Resp: 177373
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

Tgt Ion:114 Resp: 809317
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.6
 88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.00 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

Instrument :
MSVOA_D
ClientSampleId :

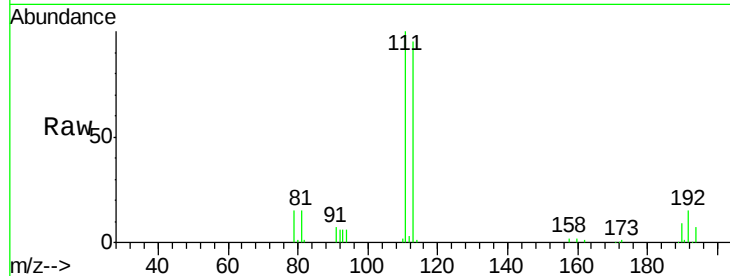
Tot Ion:113 Resp: 285478

Ion Ratio Lower Upper

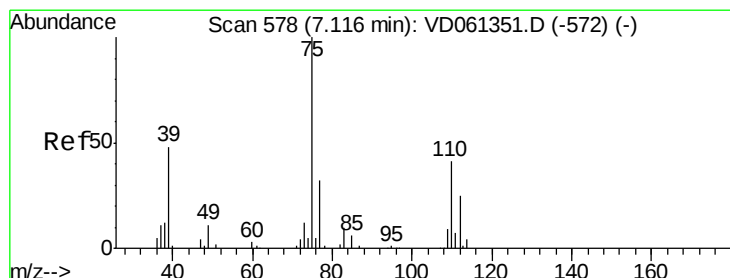
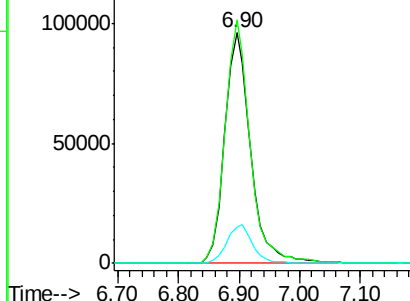
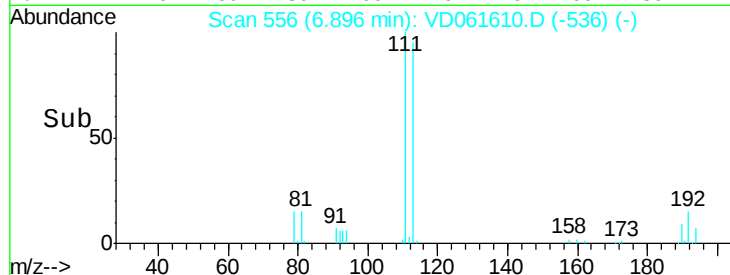
113 100

111 105.7 81.0 121.6

192 16.0 14.4 21.6



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: 4.774 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.10 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

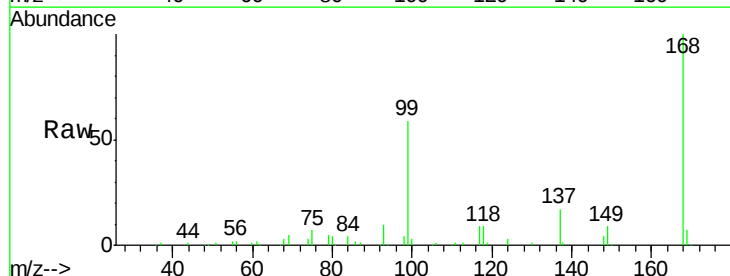
Tgt Ion: 75 Resp: 33722

Ion Ratio Lower Upper

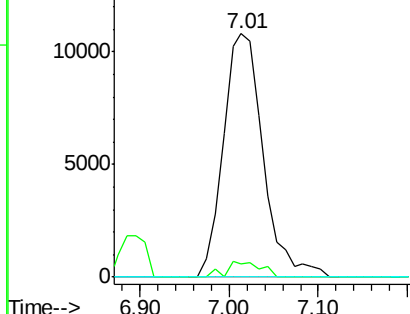
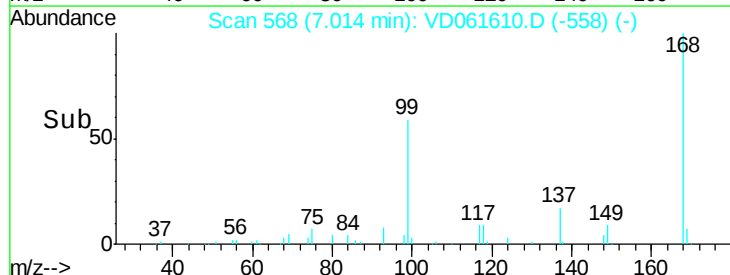
75 100

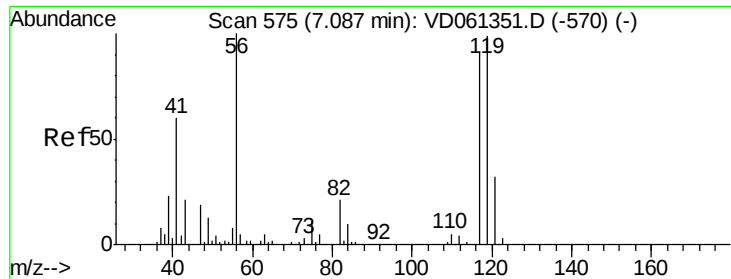
110 5.4 20.4 61.3#

77 0.0 24.9 37.3#



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

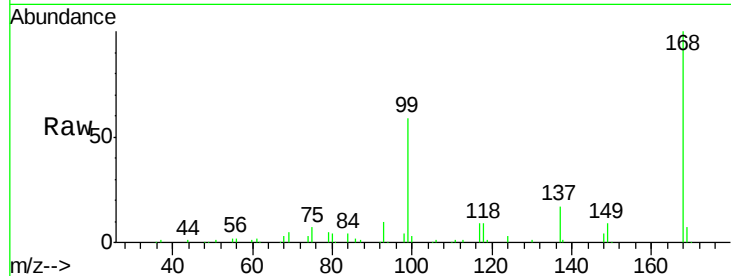




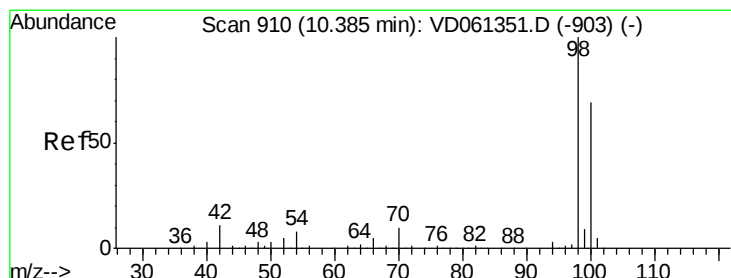
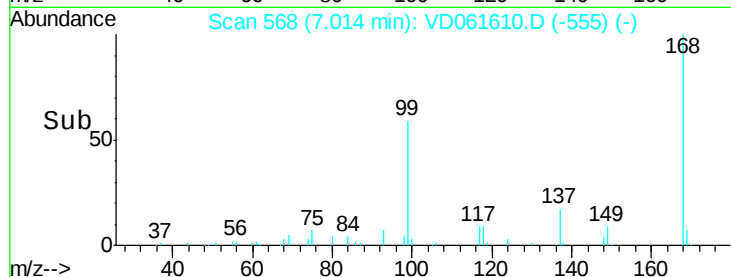
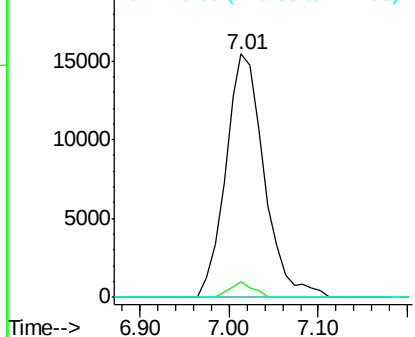
#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.01 min Scan# 568
Delta R.T. -0.07 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 46356
Ion Ratio Lower Upper
117 100
119 6.7 80.1 120.1#
121 0.0 25.6 38.4#

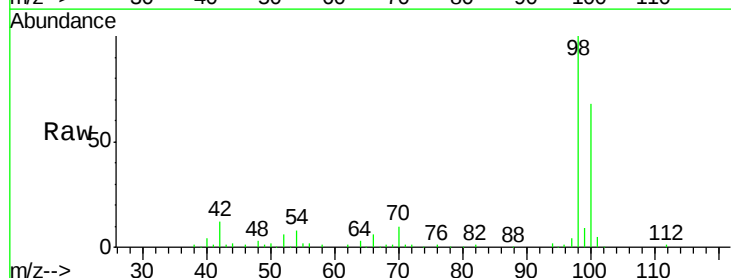


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

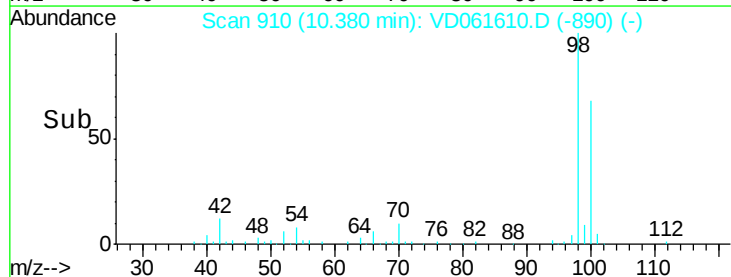
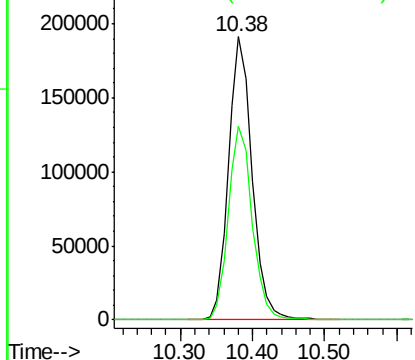


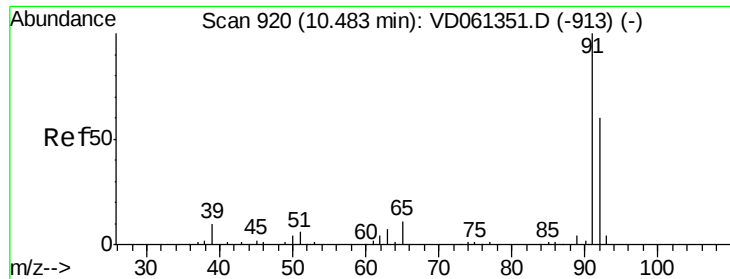
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.00 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

Tgt Ion: 98 Resp: 436662
Ion Ratio Lower Upper
98 100
100 68.4 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.792 ug/l

RT: 10.48 min Scan# 920

Delta R.T. -0.00 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

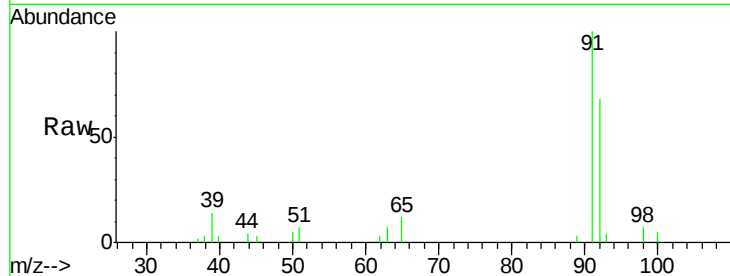
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 92 Resp: 19385

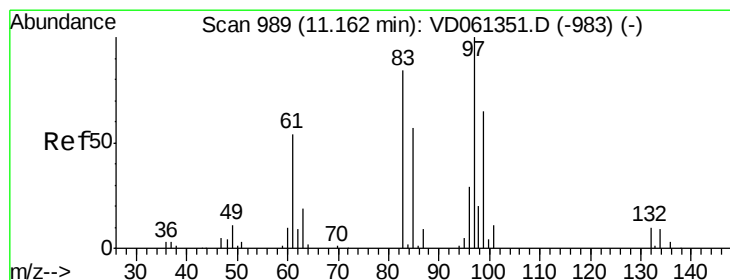
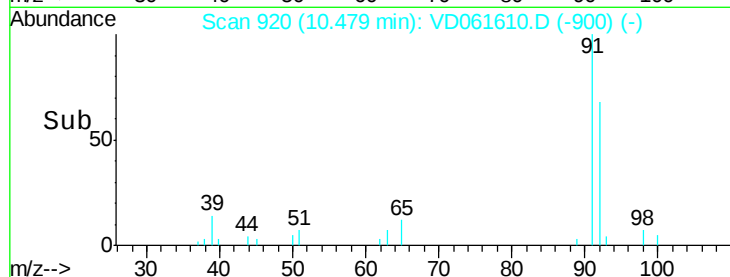
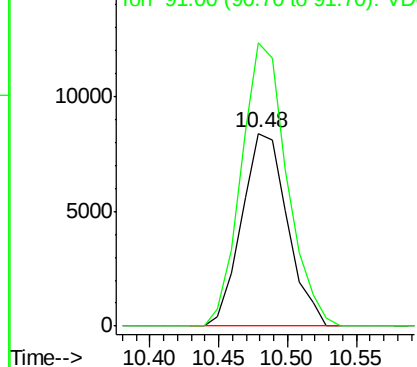
Ion Ratio Lower Upper

92 100

91 146.6 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



#55

1,1,2-Trichloroethane

Concen: 2.481 ug/l

RT: 11.08 min Scan# 981

Delta R.T. -0.08 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

Tgt Ion: 97 Resp: 9384

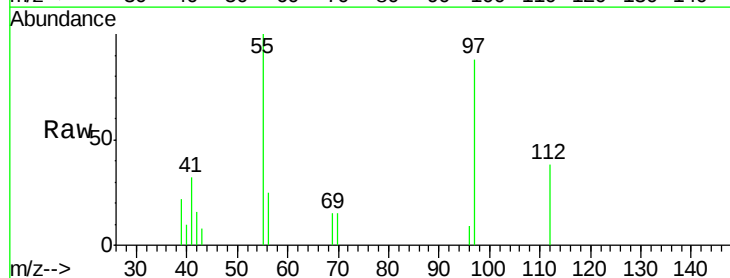
Ion Ratio Lower Upper

97 100

83 0.0 67.0 100.6#

85 0.0 45.4 68.2#

99 0.0 51.9 77.9#

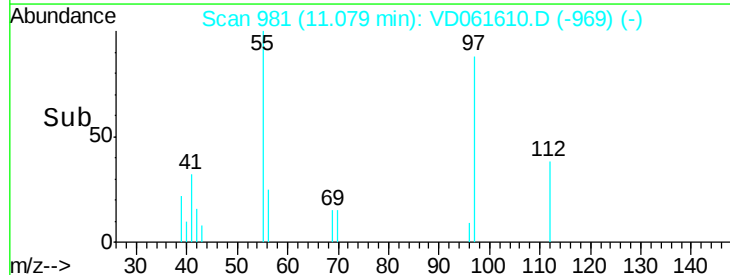
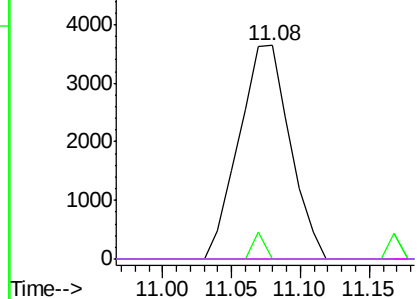


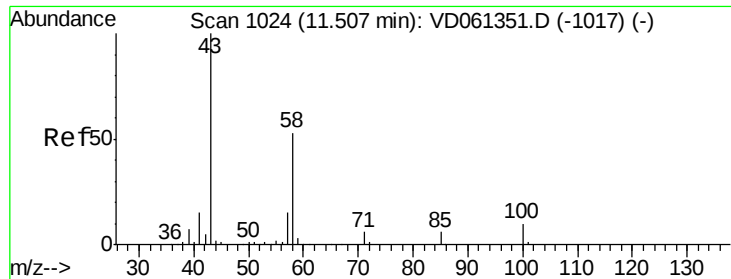
Abundance Ion 96.85 (96.55 to 97.55): VDC

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

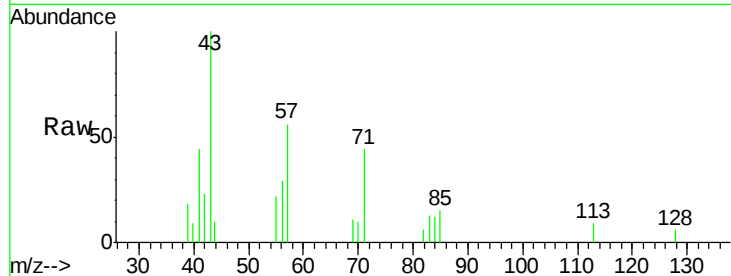




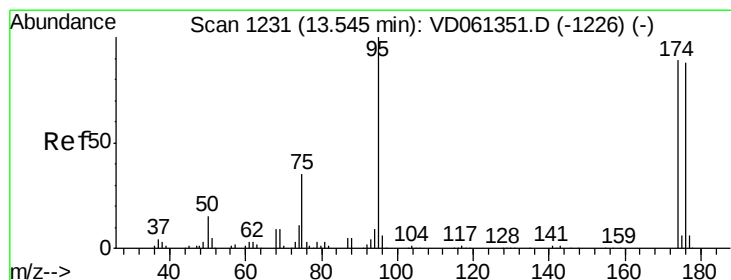
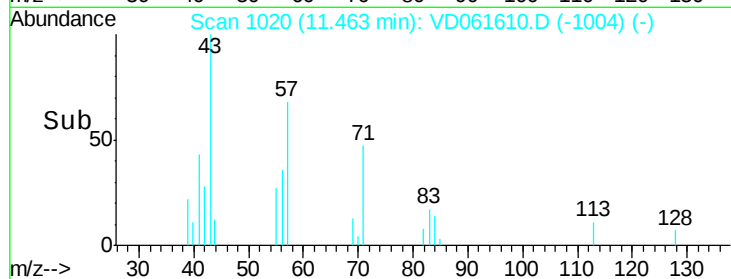
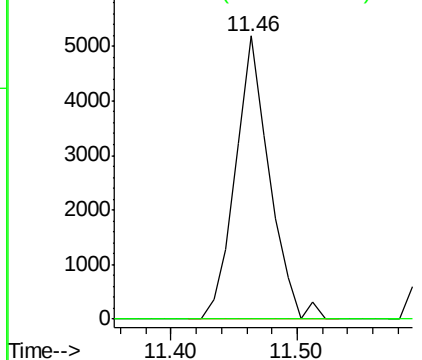
#59
2-Hexanone
Concen: 4.972 ug/l
RT: 11.46 min Scan# 1020
Delta R.T. -0.04 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 9633
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#

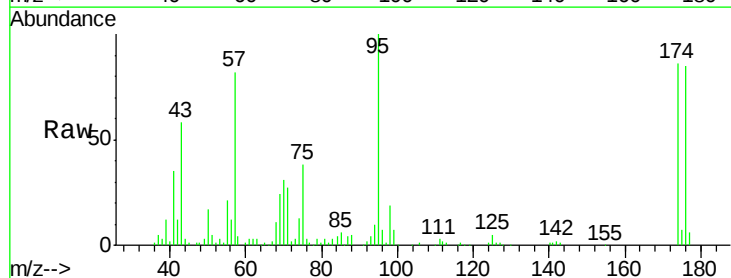


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

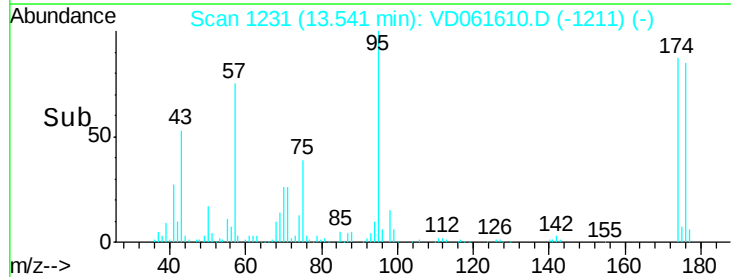
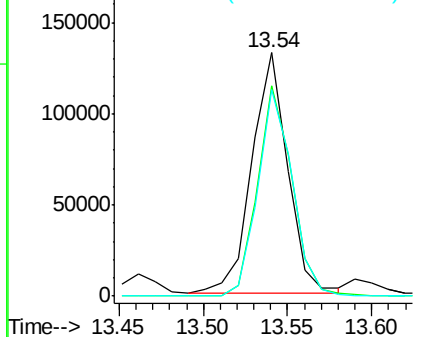


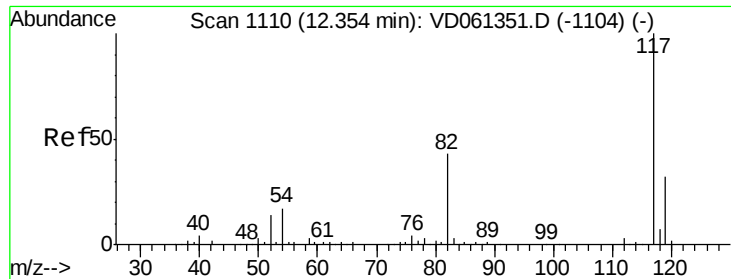
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

Tgt Ion: 95 Resp: 196072
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.0
176 84.8 0.0 175.0



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

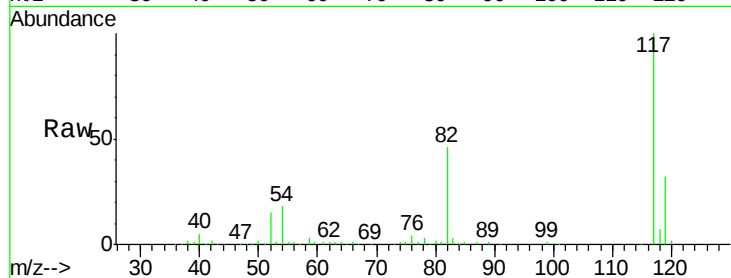




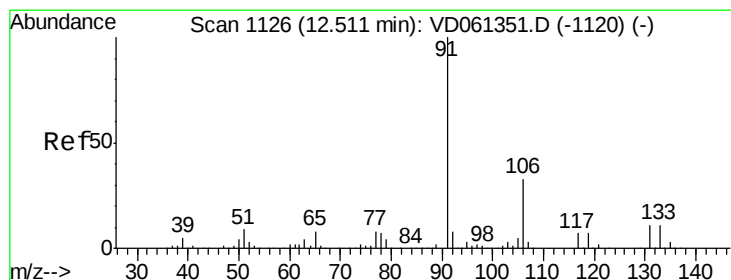
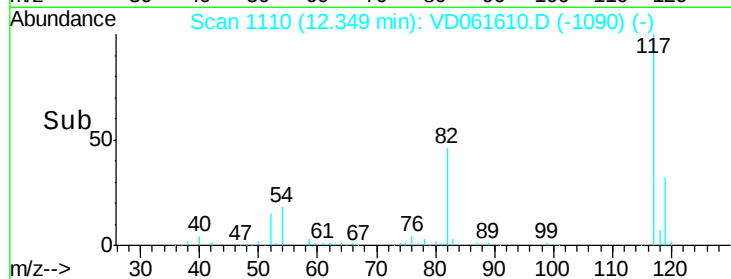
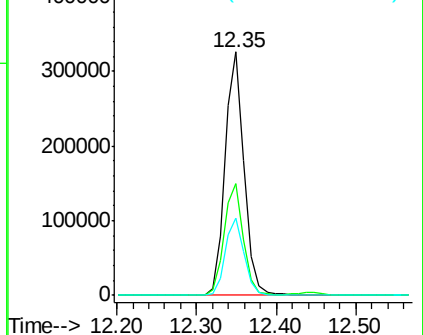
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 546417
Ion Ratio Lower Upper
117 100
82 45.9 34.4 51.6
119 31.9 25.8 38.6

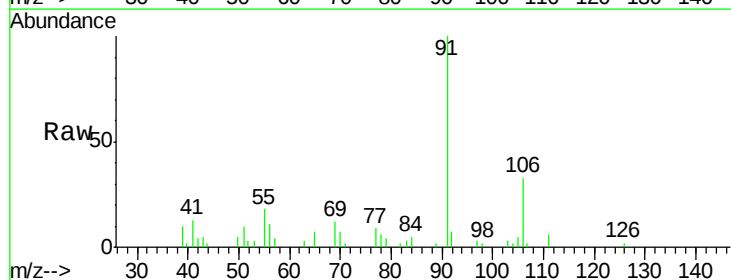


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

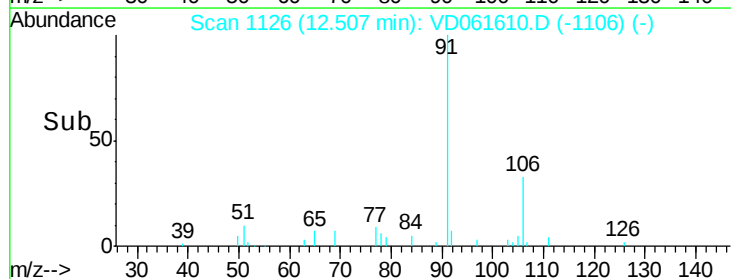
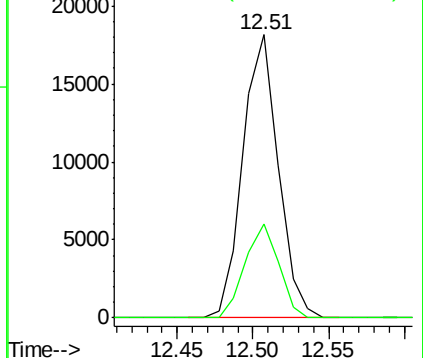


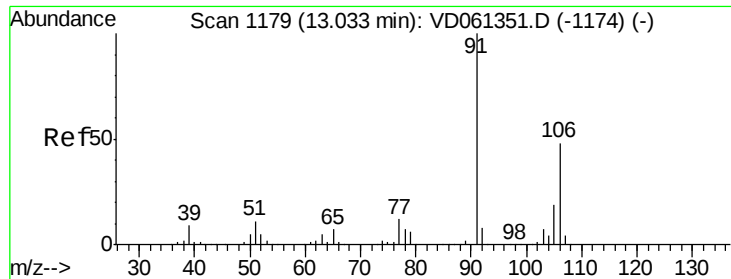
#67
Ethyl Benzene
Concen: 1.737 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

Tgt Ion: 91 Resp: 29613
Ion Ratio Lower Upper
91 100
106 33.0 26.1 39.1



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

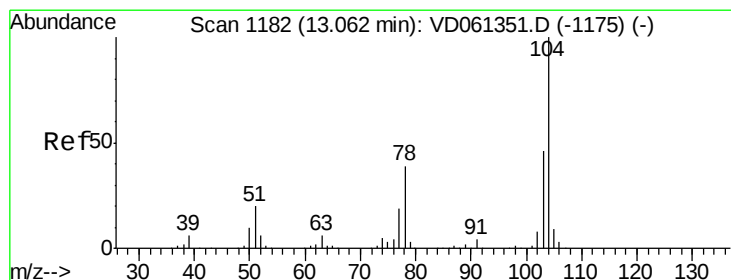
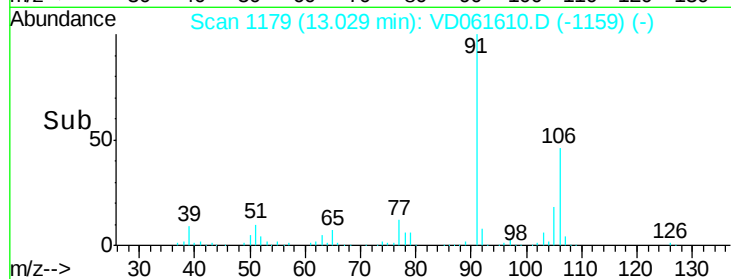
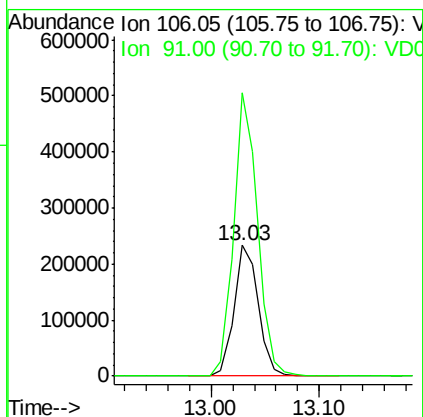
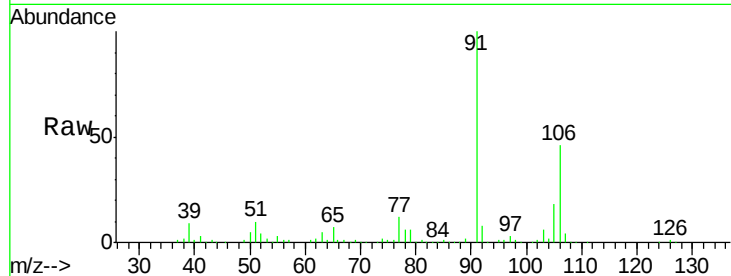




#69
o-Xylene
Concen: 57.782 ug/l
RT: 13.03 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

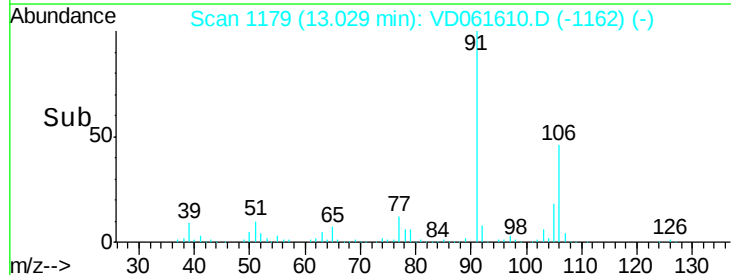
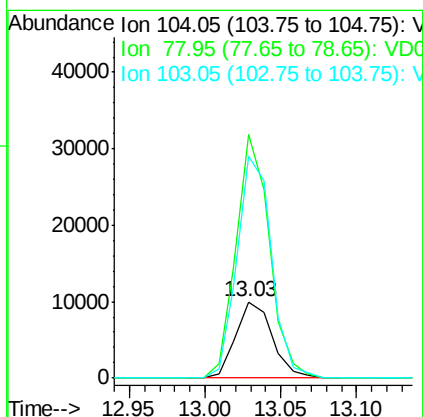
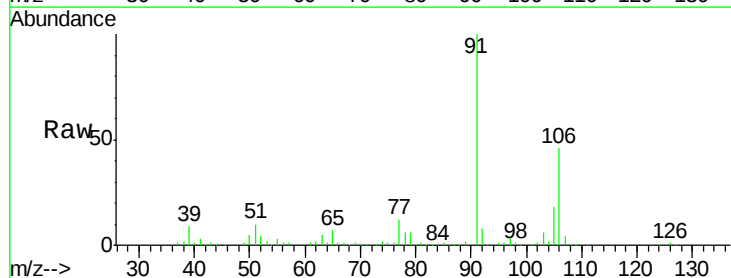
Instrument :
MSVOA_D
ClientSampled :

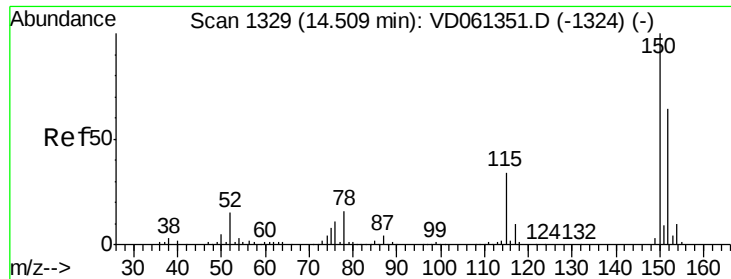
Tot Ion:106 Resp: 362046
Ion Ratio Lower Upper
106 100
91 216.7 103.8 311.3



#70
Styrene
Concen: 1.540 ug/l
RT: 13.03 min Scan# 1179
Delta R.T. -0.03 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

Tgt Ion:104 Resp: 16821
Ion Ratio Lower Upper
104 100
78 318.2 31.0 46.6#
103 290.0 37.0 55.4#



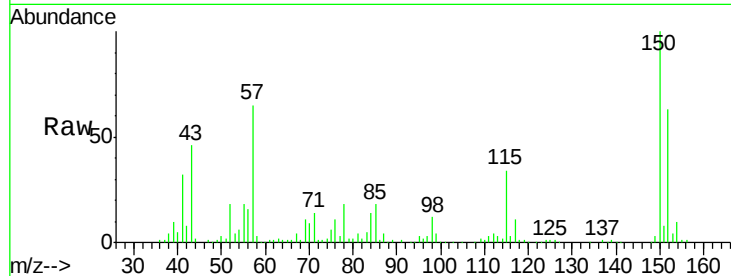


#72

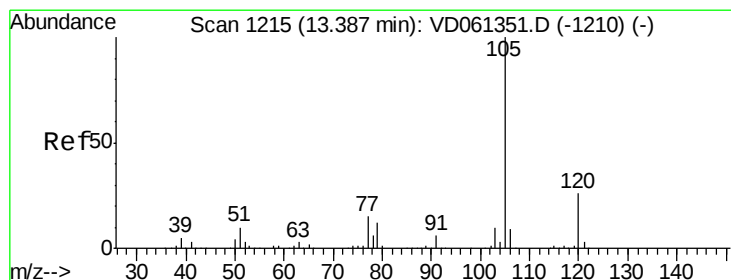
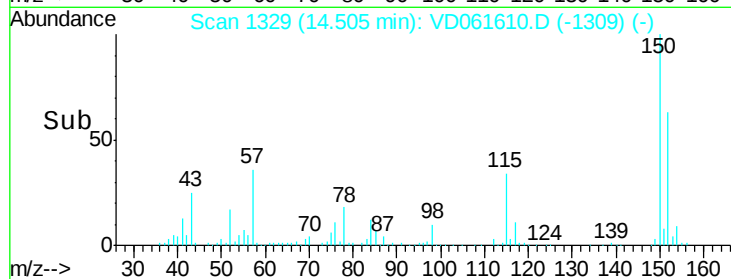
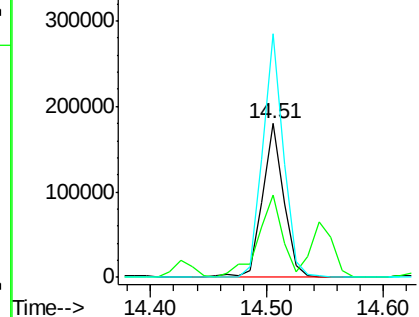
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 228562
Ion Ratio Lower Upper
152 100
115 53.9 26.9 80.6
150 158.6 0.0 318.0



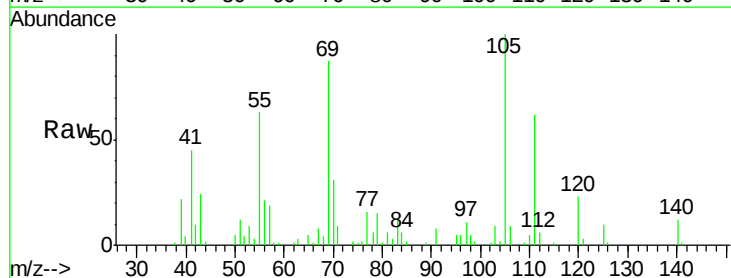
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



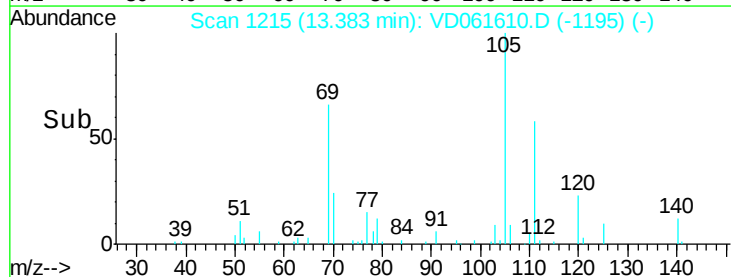
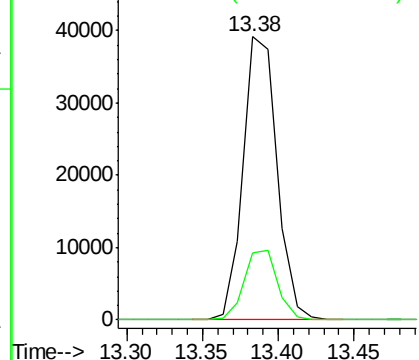
#73

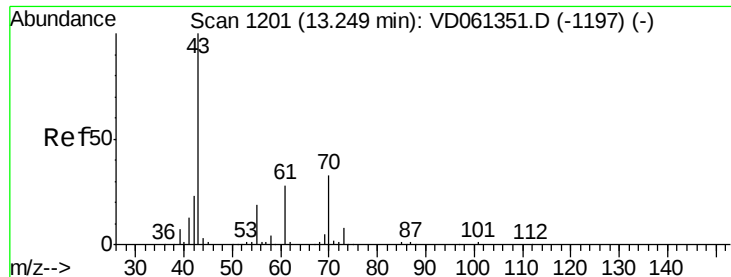
Isopropylbenzene
Concen: 3.829 ug/l
RT: 13.38 min Scan# 1215
Delta R.T. -0.00 min
Lab File: VD061610.D
Acq: 5 Apr 2019 8:00

Tgt Ion:105 Resp: 60904
Ion Ratio Lower Upper
105 100
120 23.5 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 19.474 ug/l

RT: 13.21 min Scan# 1197

Delta R.T. -0.04 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 86298

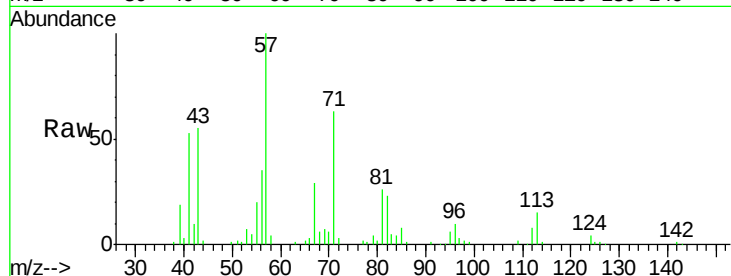
Ion Ratio Lower Upper

43 100

70 10.6 26.6 40.0#

55 37.3 15.4 23.2#

61 0.0 22.2 33.4#

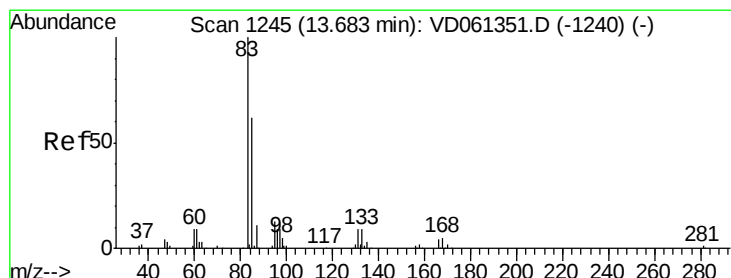
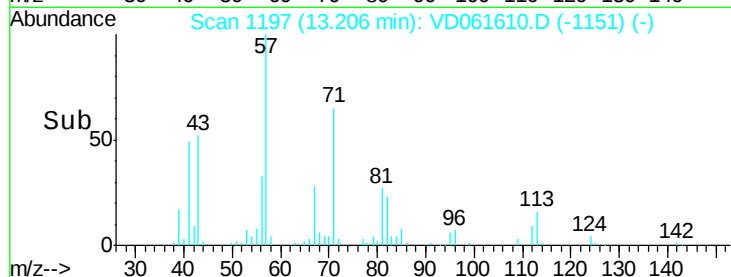
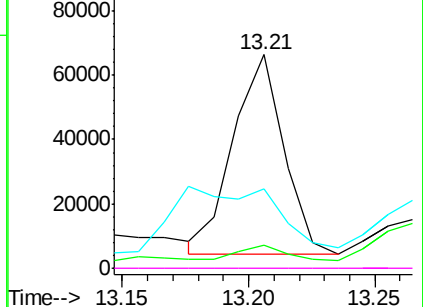


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 8.728 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.02 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

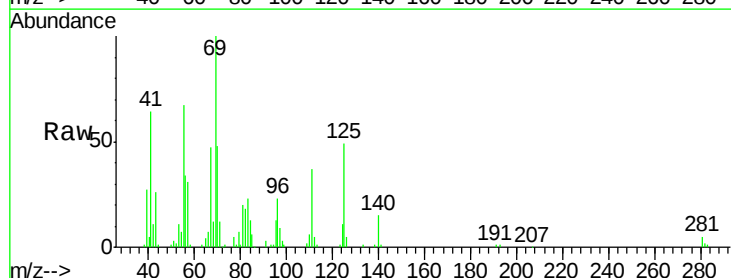
Tgt Ion: 83 Resp: 29289

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

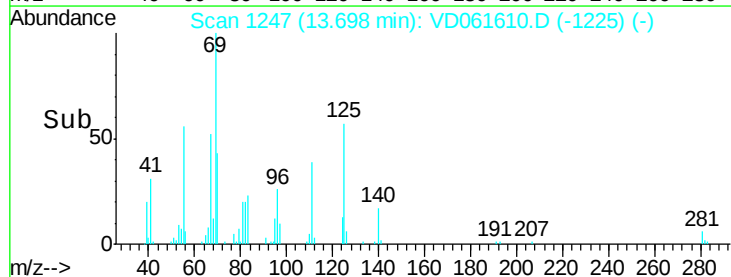
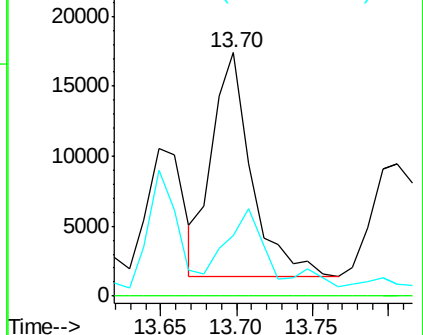
85 24.7 31.2 93.6#

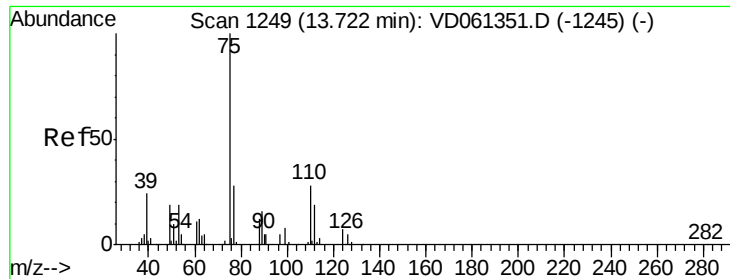


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

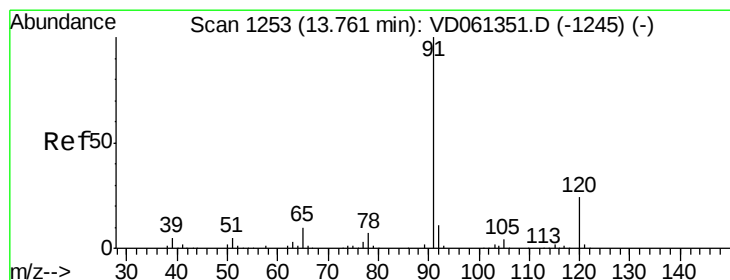
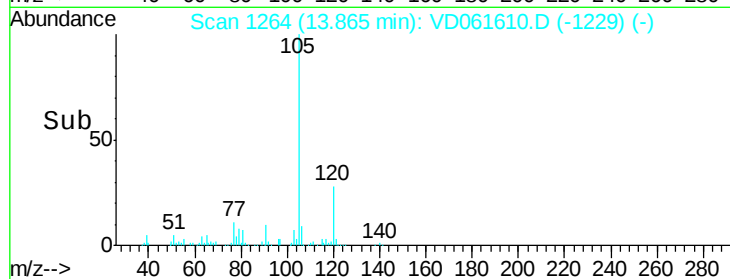
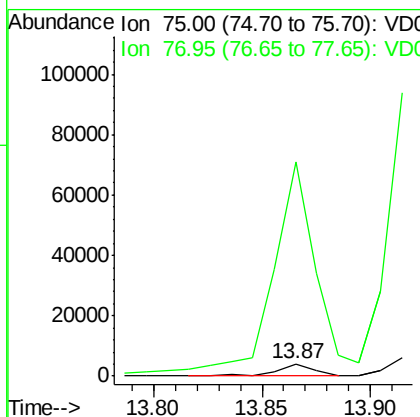
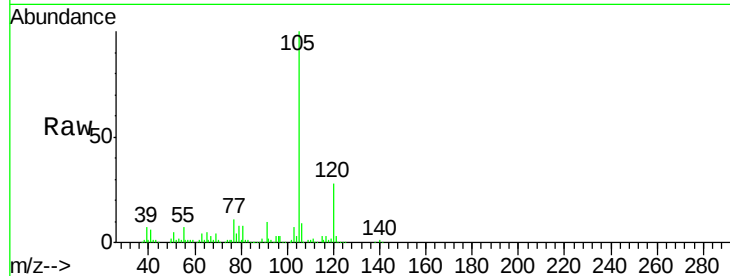




#76
 1,2,3-Trichloropropane
 Concen: 1.448 ug/l
 RT: 13.87 min Scan# 1264
 Delta R.T. 0.14 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

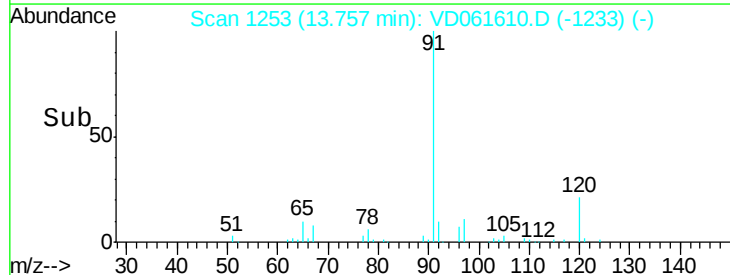
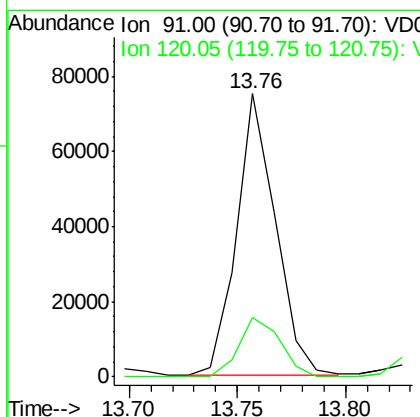
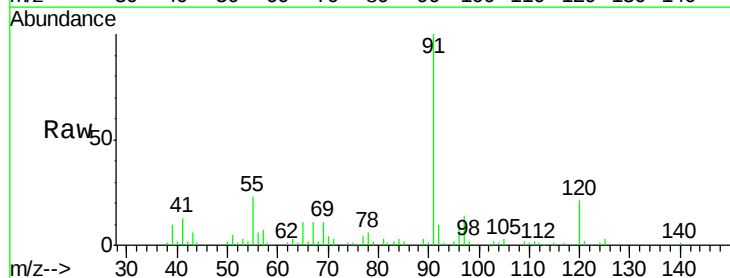
Instrument :
 MSVOA_D
 ClientSampleId :

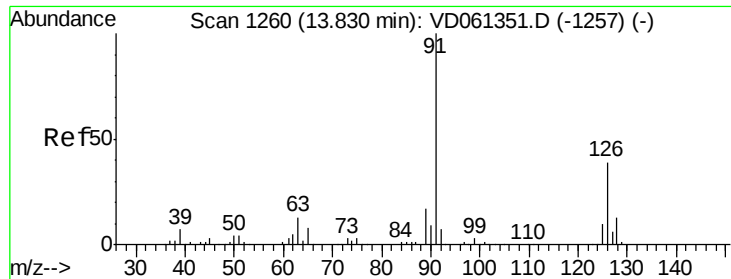
Tot Ion: 75 Resp: 4781
 Ion Ratio Lower Upper
 75 100
 77 1731.0 16.2 48.5#



#78
 n-propylbenzene
 Concen: 4.824 ug/l
 RT: 13.76 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

Tgt Ion: 91 Resp: 93906
 Ion Ratio Lower Upper
 91 100
 120 20.8 11.8 35.3

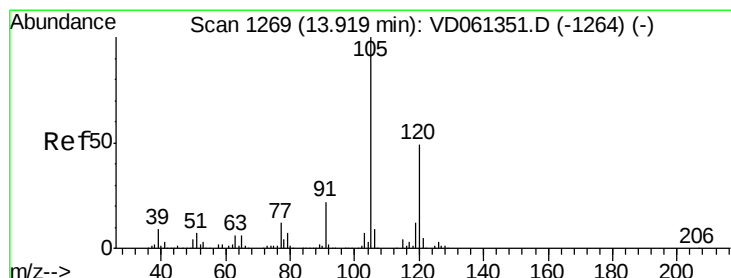
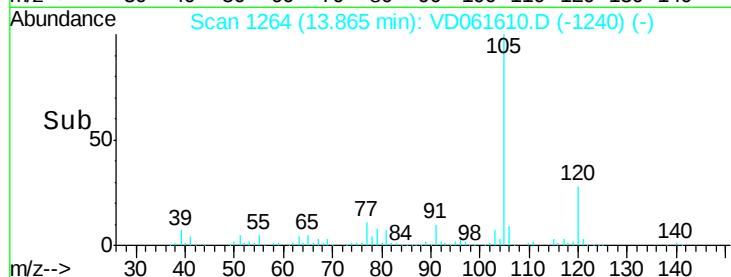
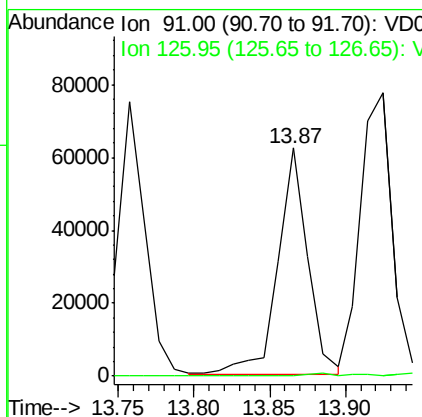
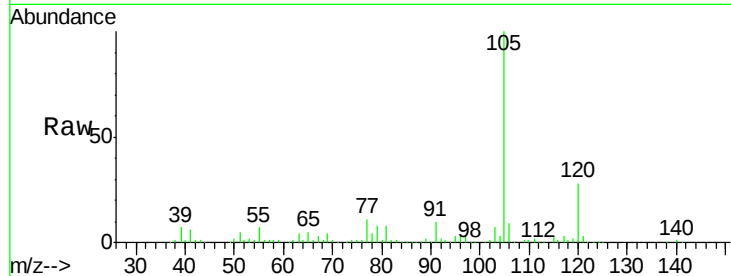




#79
 2-Chlorotoluene
 Concen: 8.180 ug/l
 RT: 13.87 min Scan# 1264
 Delta R.T. 0.04 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

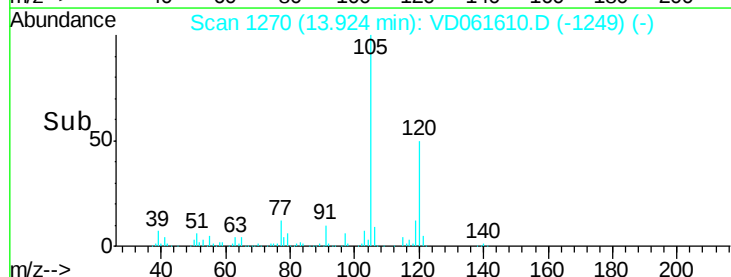
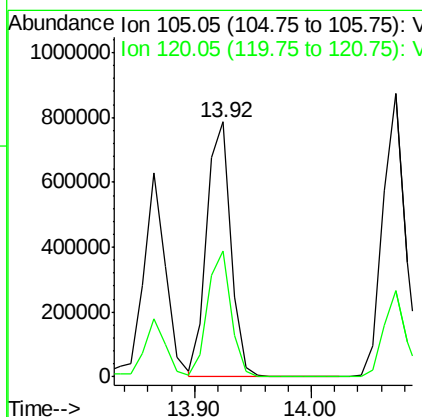
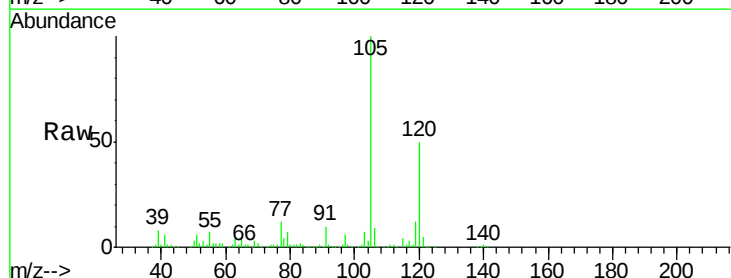
Instrument :
 MSVOA_D
 ClientSampled :

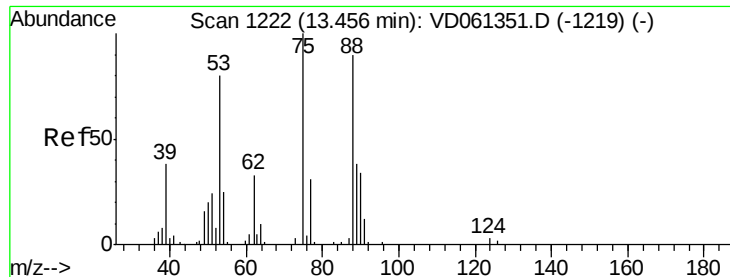
Tot Ion: 91 Resp: 86464
 Ion Ratio Lower Upper
 91 100
 126 0.0 19.4 58.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 91.389 ug/l
 RT: 13.92 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

Tgt Ion: 105 Resp: 1127978
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 71.117 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

Instrument :

MSVOA_D

ClientSampleId :

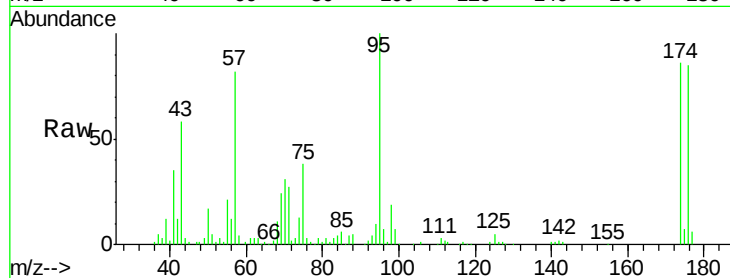
Tot Ion: 75 Resp: 71591

Ion Ratio Lower Upper

75 100

53 8.2 63.8 95.8#

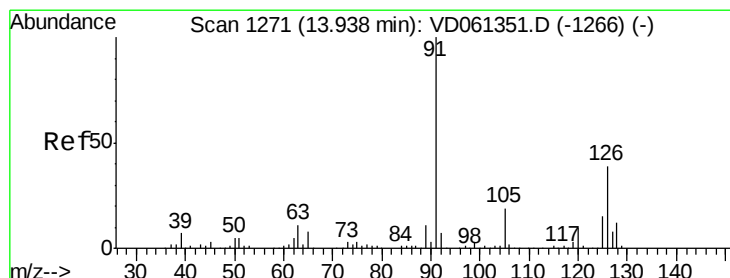
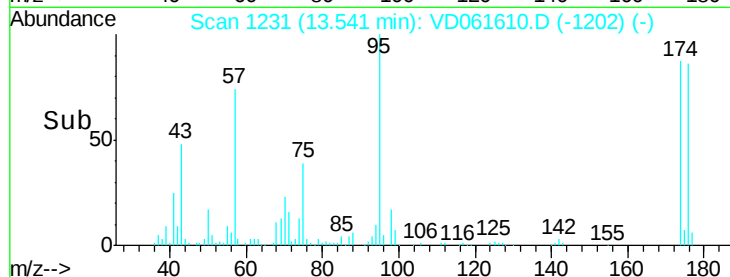
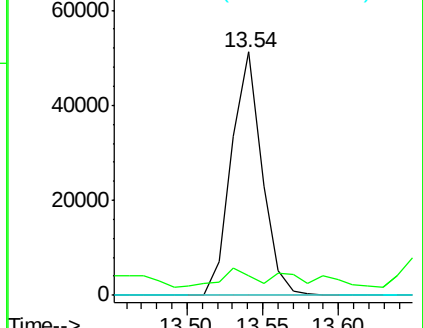
89 0.0 30.5 45.7#



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: 9.895 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD061610.D

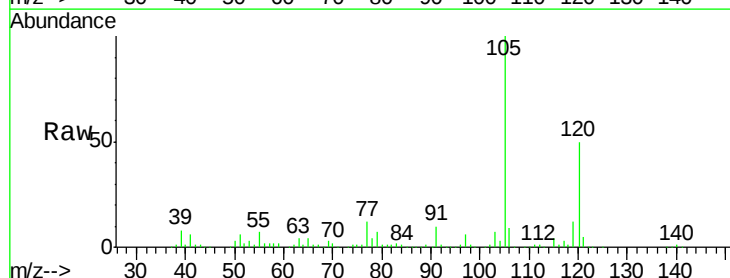
Acq: 5 Apr 2019 8:00

Tgt Ion: 91 Resp: 113728

Ion Ratio Lower Upper

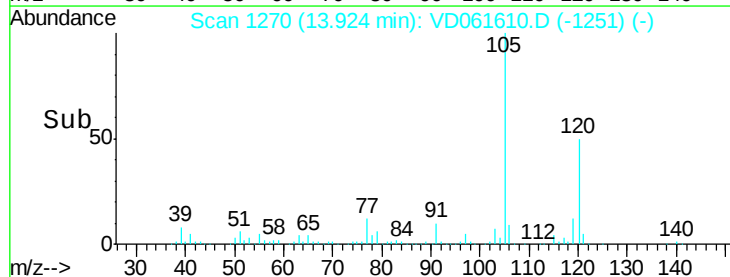
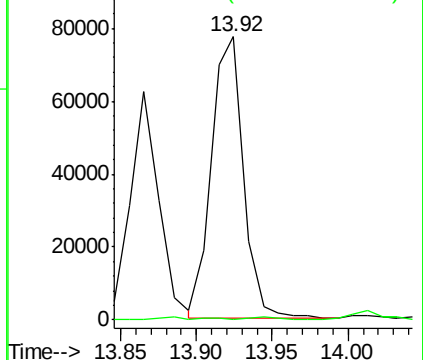
91 100

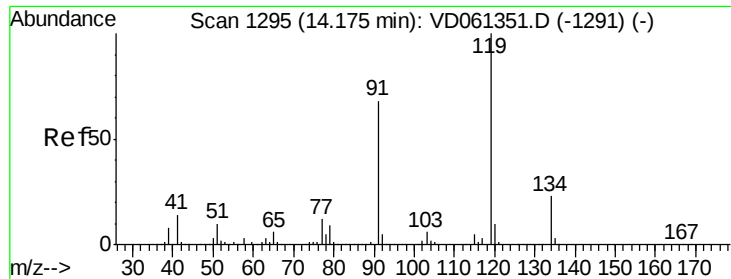
126 0.0 19.6 58.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

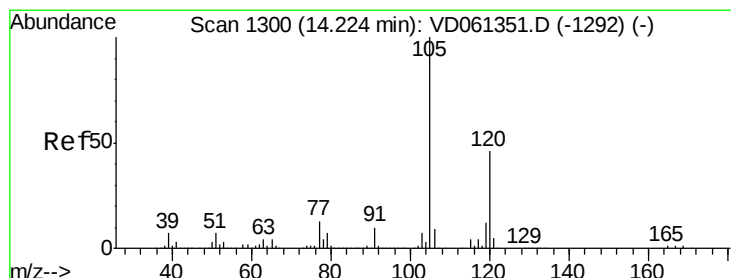
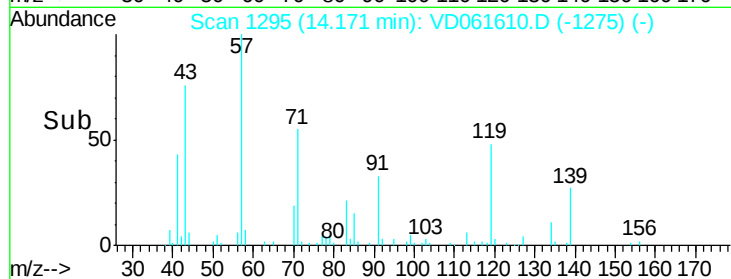
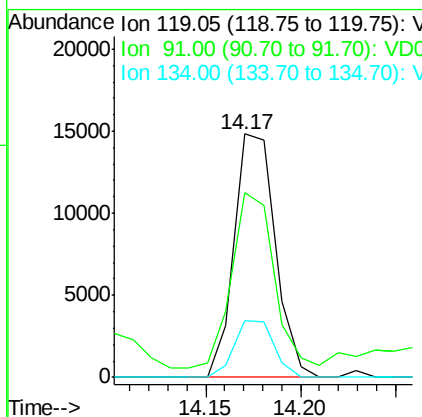
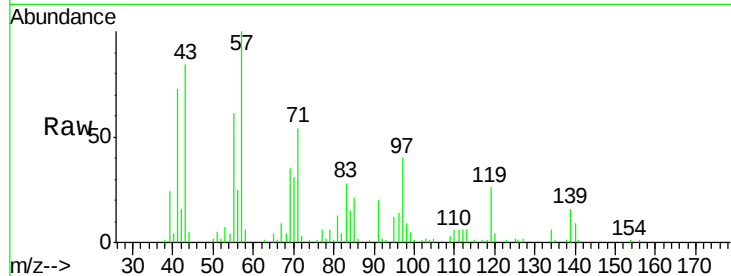




#83
 tert-Butylbenzene
 Concen: 1.444 ug/l
 RT: 14.17 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

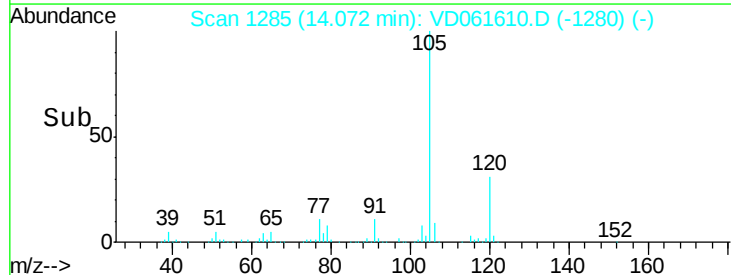
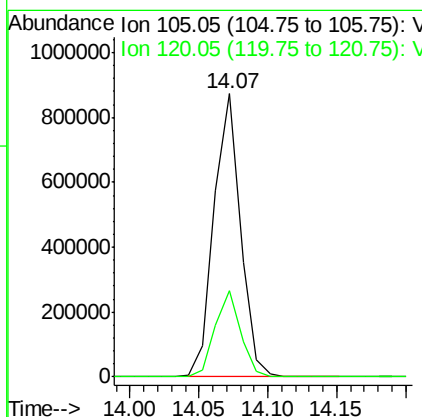
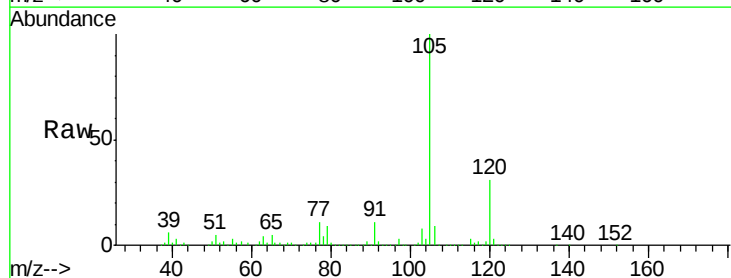
Instrument :
 MSVOA_D
 ClientSampleId :

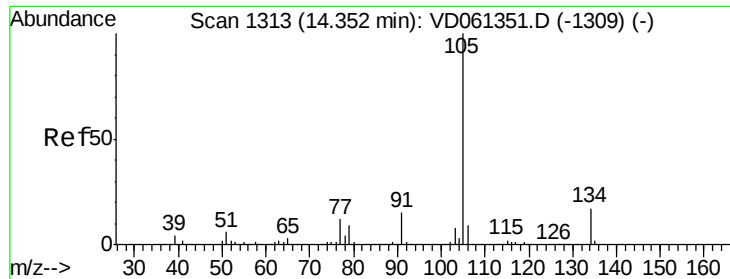
Tot Ion:119 Resp: 22268
 Ion Ratio Lower Upper
 119 100
 91 76.0 34.1 102.3
 134 23.5 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 86.492 ug/l
 RT: 14.07 min Scan# 1285
 Delta R.T. -0.15 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

Tgt Ion:105 Resp: 1155736
 Ion Ratio Lower Upper
 105 100
 120 30.6 22.8 68.4

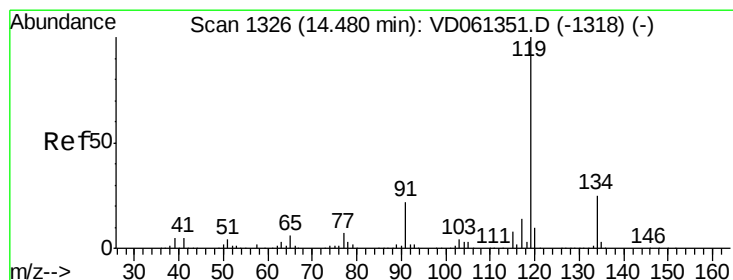
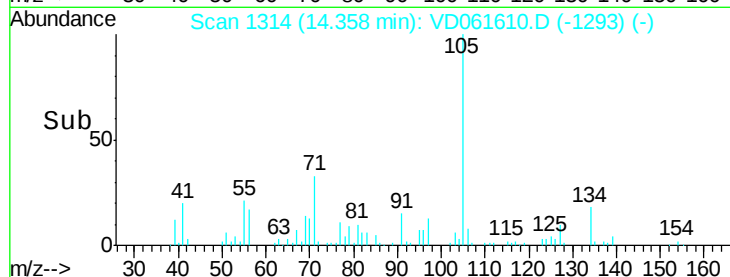
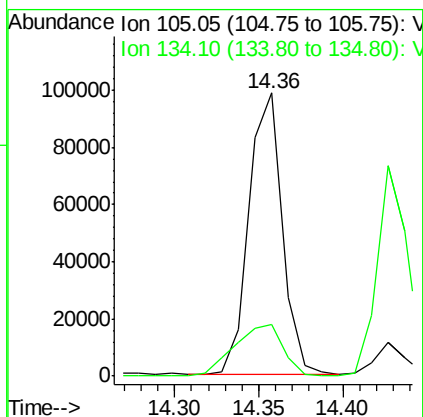
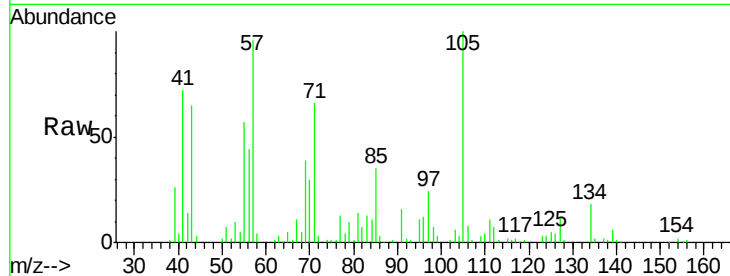




#85
 sec-Butylbenzene
 Concen: 8.238 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

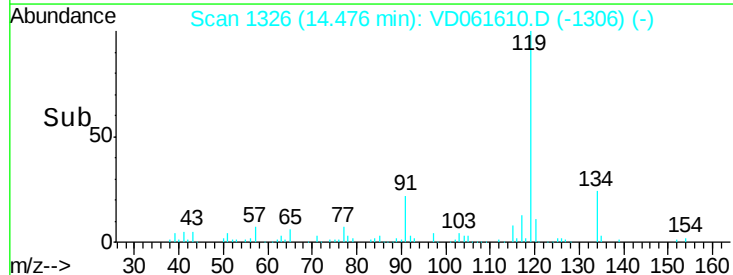
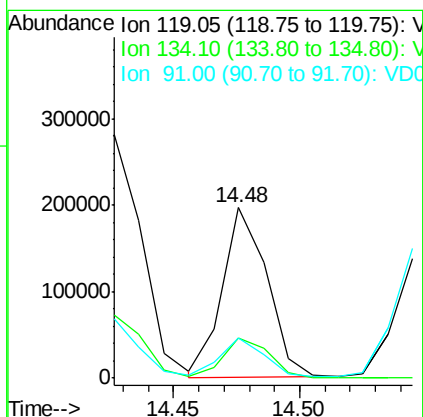
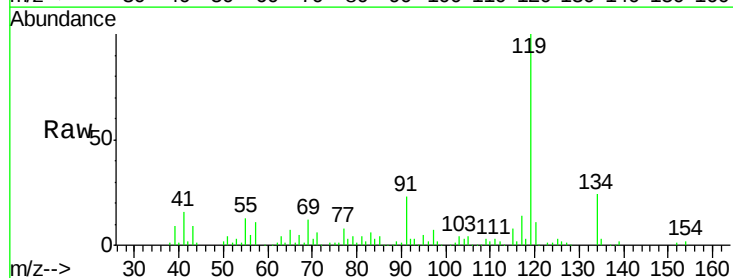
Instrument :
 MSVOA_D
 ClientSampled :

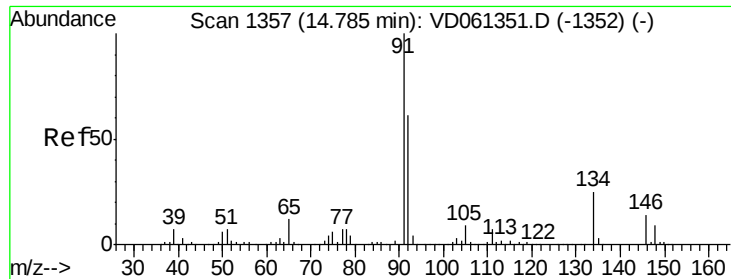
Tot Ion:105 Resp: 134984
 Ion Ratio Lower Upper
 105 100
 134 18.3 8.7 26.1



#86
 p-Isopropyltoluene
 Concen: 17.460 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: VD061610.D
 Acq: 5 Apr 2019 8:00

Tgt Ion:119 Resp: 241930
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.3 36.8
 91 23.2 11.1 33.1





#89

n-Butylbenzene

Concen: 22.881 ug/l

RT: 14.76 min Scan# 1355

Delta R.T. -0.02 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

Instrument :

MSVOA_D

ClientSampleId :

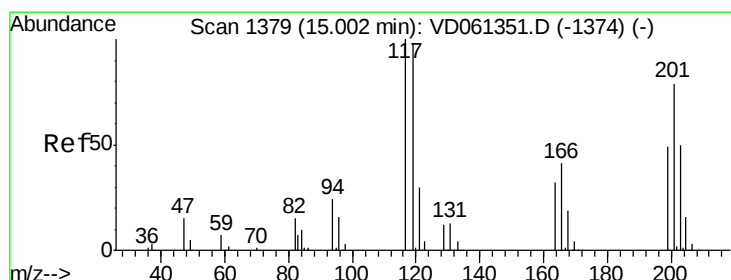
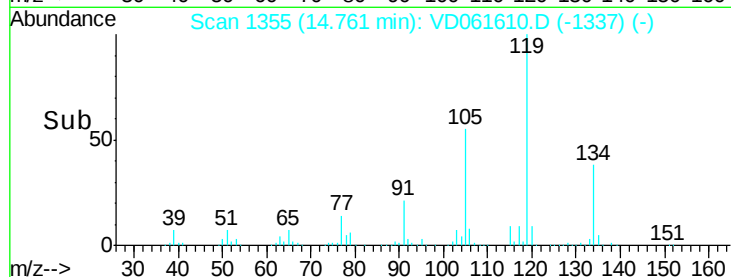
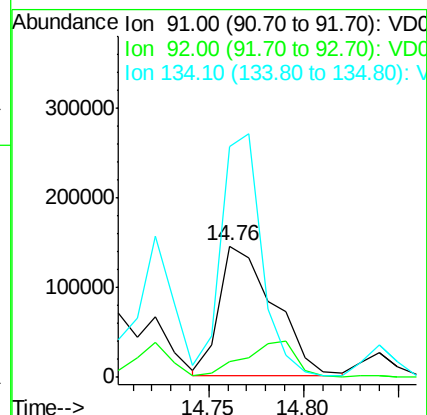
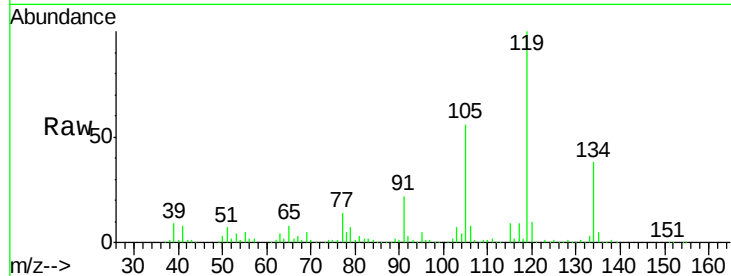
Tot Ion: 91 Resp: 290992

Ion Ratio Lower Upper

91 100

92 12.1 30.3 91.0#

134 176.2 12.4 37.0#



#90

Hexachloroethane

Concen: 89.144 ug/l

RT: 15.08 min Scan# 1387

Delta R.T. 0.07 min

Lab File: VD061610.D

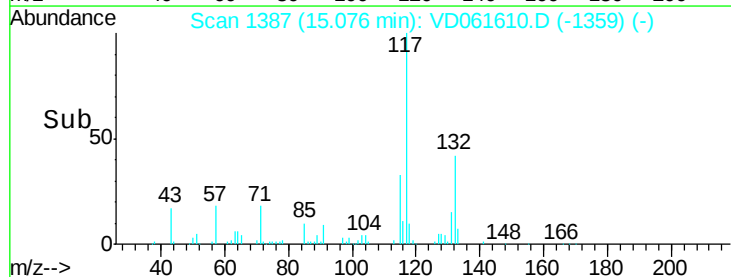
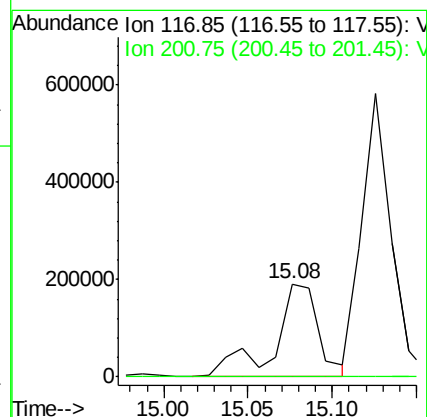
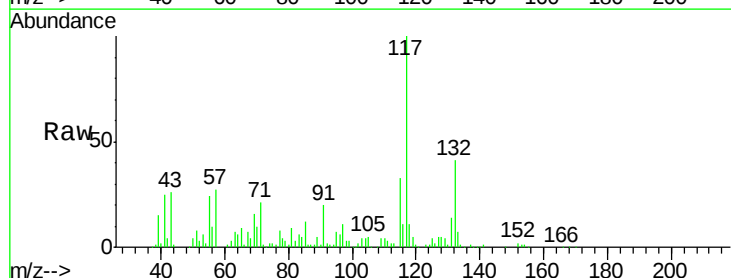
Acq: 5 Apr 2019 8:00

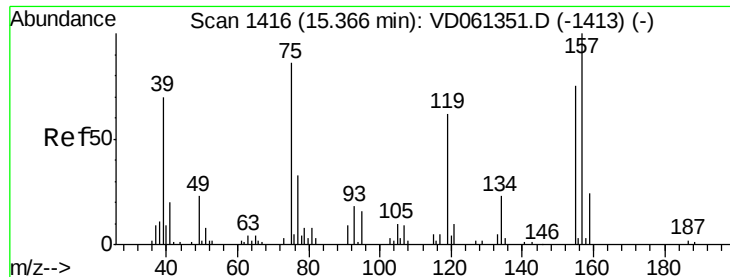
Tgt Ion: 117 Resp: 348960

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.492 ug/l

RT: 15.36 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

Instrument :

MSVOA_D

ClientSampleId :

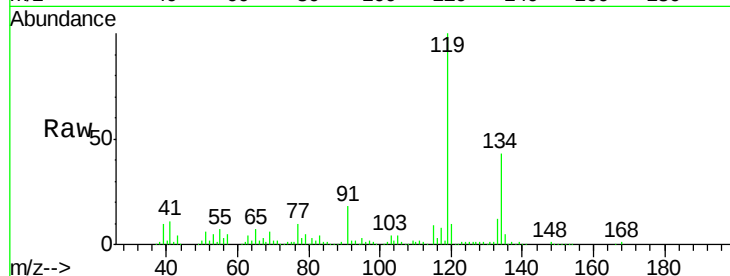
Tot Ion: 75 Resp: 4523

Ion Ratio Lower Upper

75 100

155 0.0 43.6 130.9#

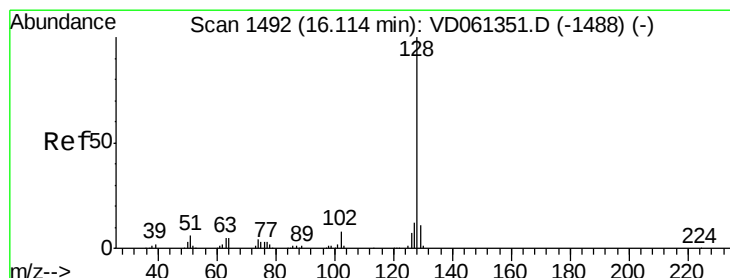
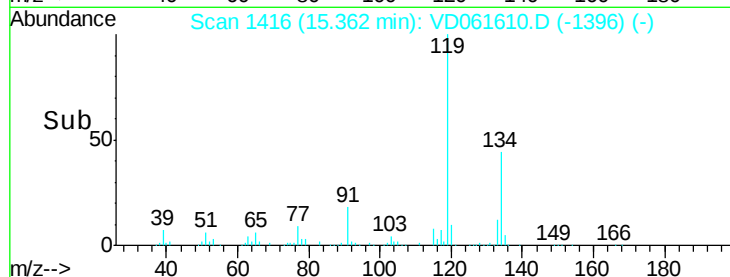
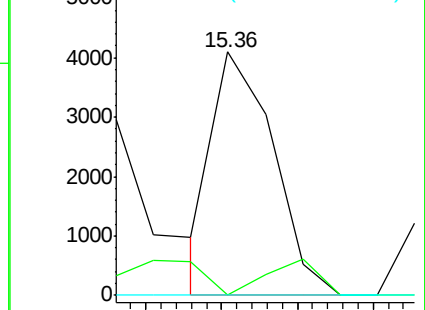
157 0.0 58.5 175.3#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#95

Naphthalene

Concen: 1.736 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VD061610.D

Acq: 5 Apr 2019 8:00

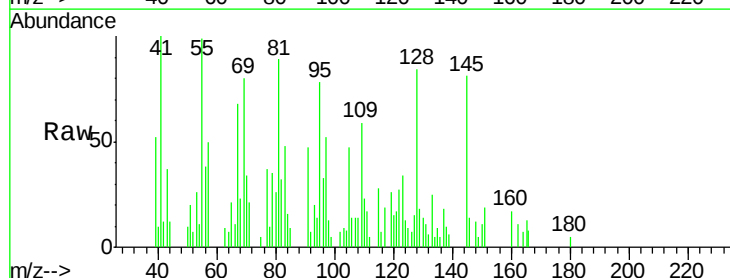
Tgt Ion: 128 Resp: 7895

Ion Ratio Lower Upper

128 100

127 18.2 9.9 14.9#

129 21.8 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

