

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061609.D
 Acq On : 5 Apr 2019 7:32
 Operator : VA/AP
 Sample : K2193-03
 Misc : 4.56g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 05 08:21:16 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	402701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	665125	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	453794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	218779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	154355	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
35) Dibromofluoromethane	6.90	113	231647	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
50) Toluene-d8	10.38	98	353456	28.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.98%	
62) 4-Bromofluorobenzene	13.54	95	183192	39.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.38%	

Target Compounds

					Qvalue	
8) Diethyl Ether	2.87	74	2225	1.476	ug/l	67
16) Acetone	3.21	43	63237	71.509	ug/l	96
18) Methyl Acetate	3.62	43	3488	1.876	ug/l	97
20) Methylene Chloride	3.80	84	57262	10.024	ug/l	97
25) 2-Butanone	6.04	43	1357	1.220	ug/l #	54
31) Cyclohexane	7.01	56	6791	1.146	ug/l #	1
36) 1,1-Dichloropropene	7.01	75	30167	5.197	ug/l #	46
38) Carbon Tetrachloride	7.01	117	39247	5.884	ug/l #	16
52) Toluene	10.48	92	9601	1.080	ug/l	85
55) 1,1,2-Trichloroethane	11.07	97	6914	2.224	ug/l #	15
59) 2-Hexanone	11.46	43	8675	5.448	ug/l #	26
67) Ethyl Benzene	12.51	91	55855	3.946	ug/l	100
69) o-Xylene	13.03	106	222226	42.706	ug/l	94
70) Styrene	13.03	104	10791	1.190	ug/l #	1
73) Isopropylbenzene	13.38	105	66330	4.356	ug/l	99
74) N-amyl acetate	13.21	43	97204	22.916	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	13.70	83	36927	11.496	ug/l #	61
76) 1,2,3-Trichloropropane	13.87	75	4057	1.284	ug/l #	1
78) n-propylbenzene	13.76	91	210934	11.320	ug/l	95
79) 2-Chlorotoluene	13.87	91	64250	6.350	ug/l #	36
80) 1,3,5-Trimethylbenzene	13.92	105	951745	80.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.54	75	65771	68.257	ug/l #	30
82) 4-Chlorotoluene	13.92	91	98751	8.976	ug/l #	36
83) tert-Butylbenzene	14.17	119	18275	1.238	ug/l	88
84) 1,2,4-Trimethylbenzene	14.07	105	935388	73.132	ug/l	77
85) sec-Butylbenzene	14.36	105	135839	8.660	ug/l	96
86) p-Isopropyltoluene	14.48	119	208185	15.696	ug/l	97
89) n-Butylbenzene	14.78	91	356804	29.310	ug/l #	82
90) Hexachloroethane	15.08	117	291932	77.911	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	15.36	75	4849	12.871	ug/l #	3
95) Naphthalene	16.11	128	12395	2.847	ug/l #	94

(#) = 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: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

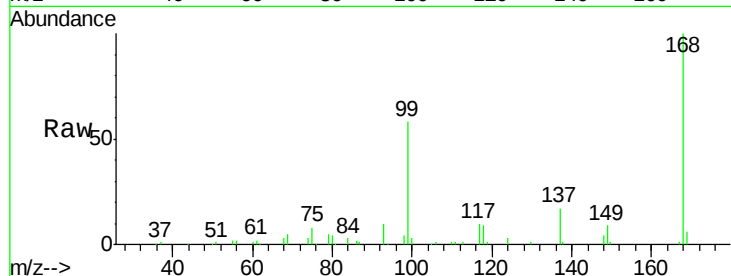
ClientSampleId :

Tot Ion:168 Resp: 402701

Ion Ratio Lower Upper

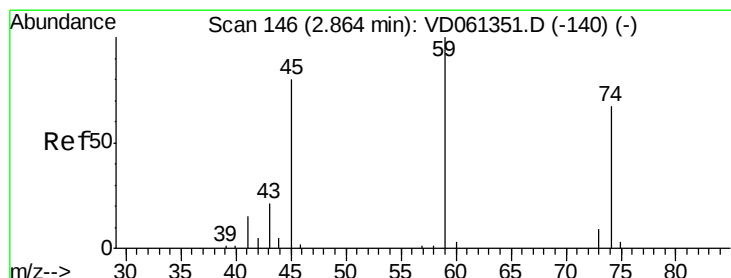
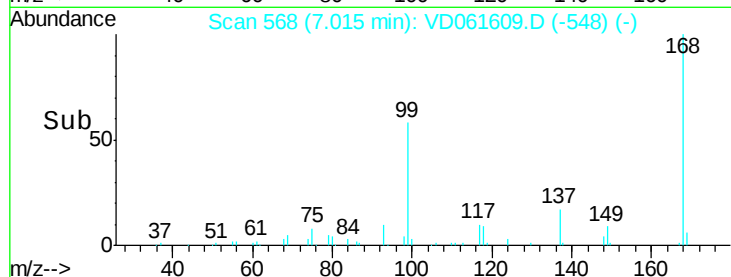
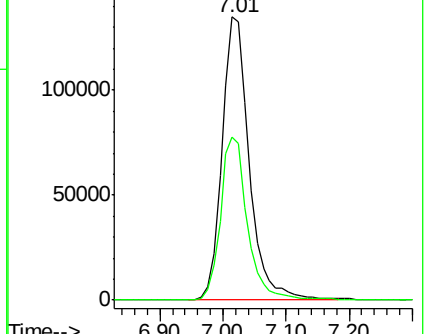
168 100

99 57.6 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: 1.476 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD061609.D

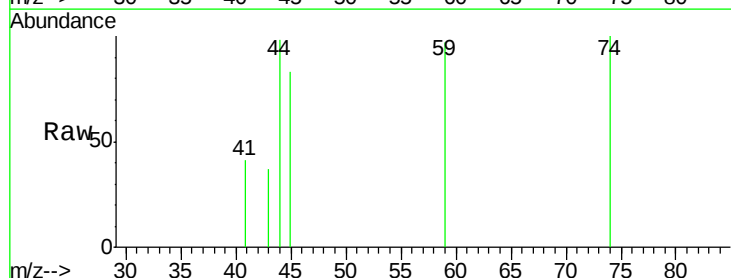
Acq: 5 Apr 2019 7:32

Tgt Ion: 74 Resp: 2225

Ion Ratio Lower Upper

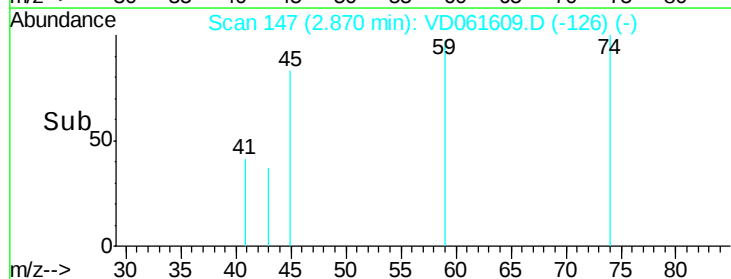
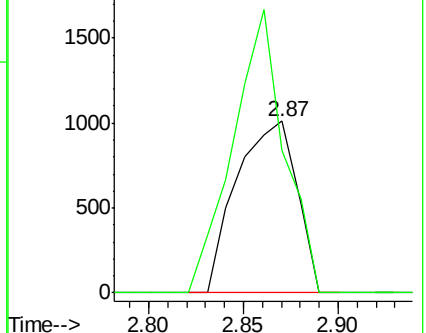
74 100

45 82.9 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: 71.509 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

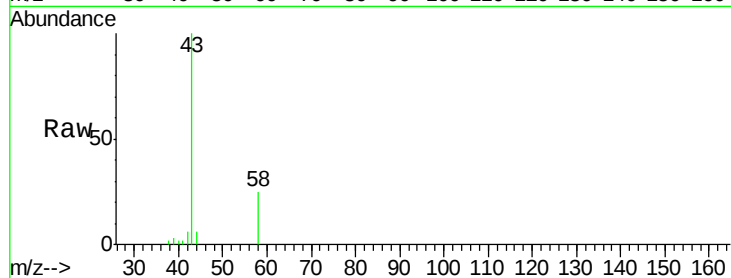
ClientSampleId :

Tot Ion: 43 Resp: 63237

Ion Ratio Lower Upper

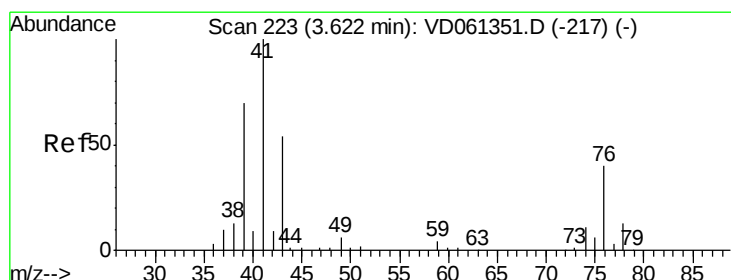
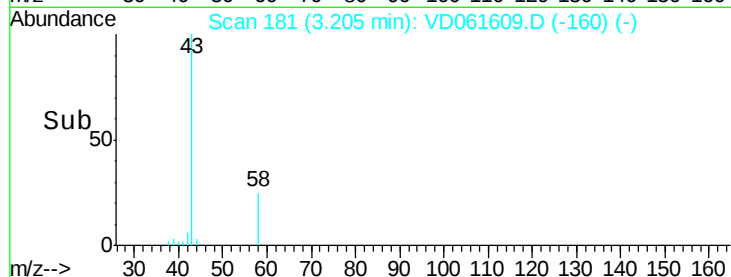
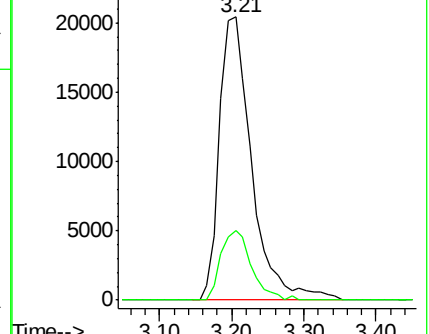
43 100

58 24.8 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 1.876 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD061609.D

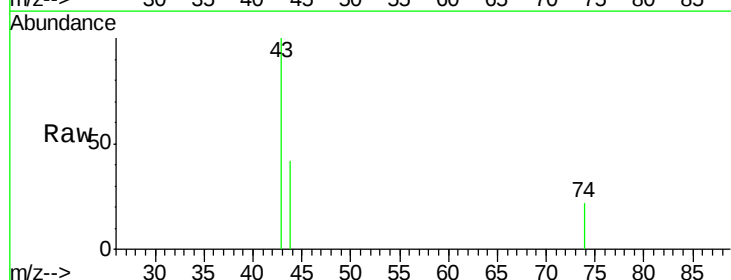
Acq: 5 Apr 2019 7:32

Tgt Ion: 43 Resp: 3488

Ion Ratio Lower Upper

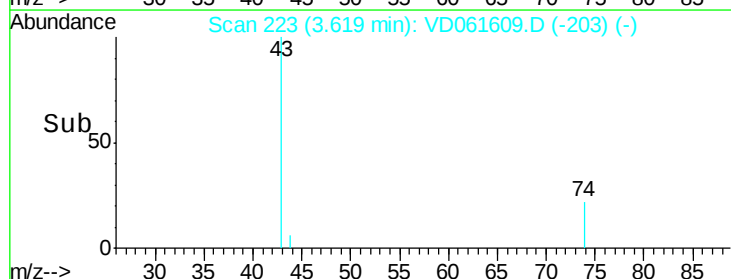
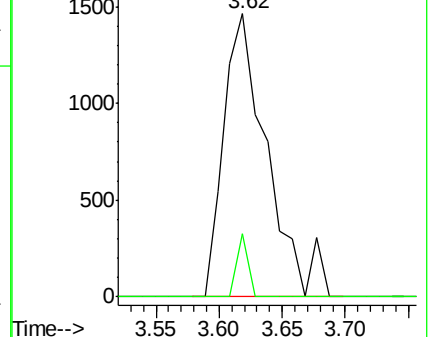
43 100

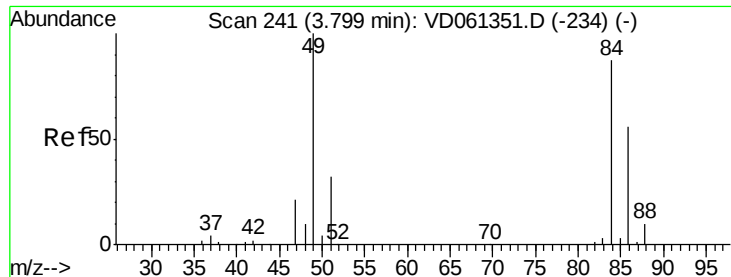
74 22.4 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

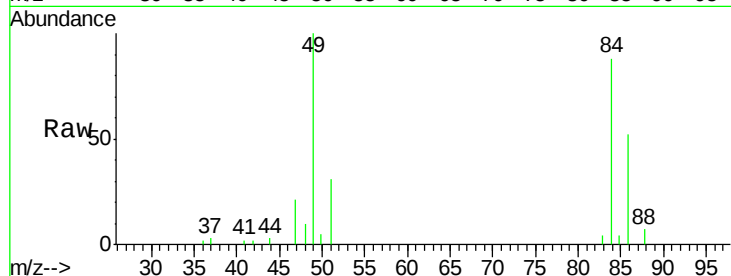




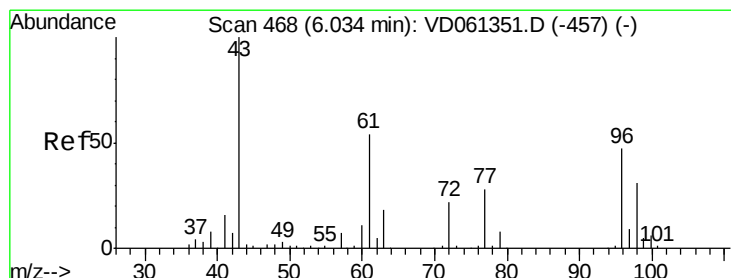
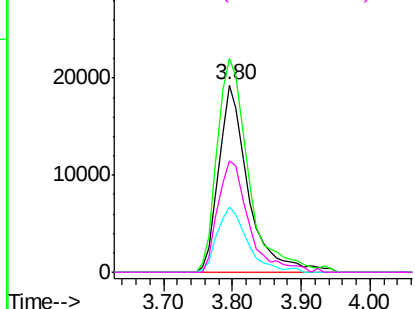
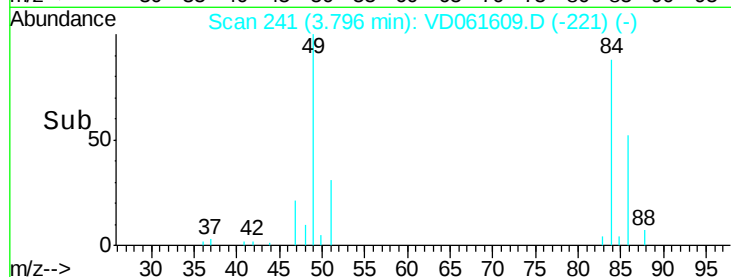
#20
Methylene Chloride
Concen: 10.024 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 57262
Ion Ratio Lower Upper
84 100
49 114.1 91.8 137.8
51 35.2 29.8 44.8
86 59.2 51.8 77.6

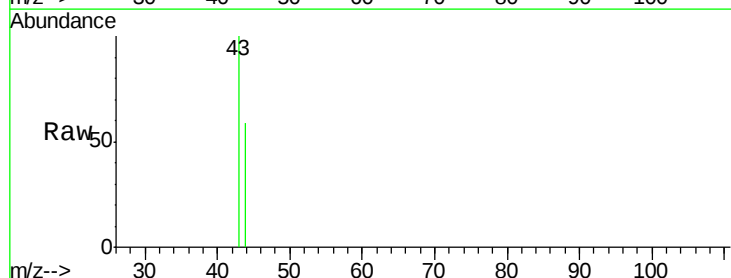


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

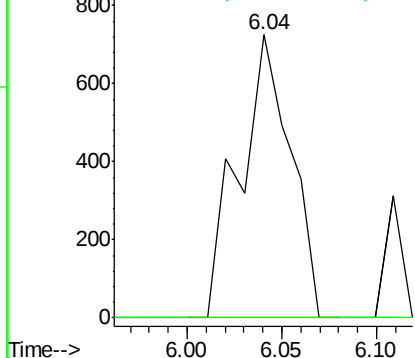
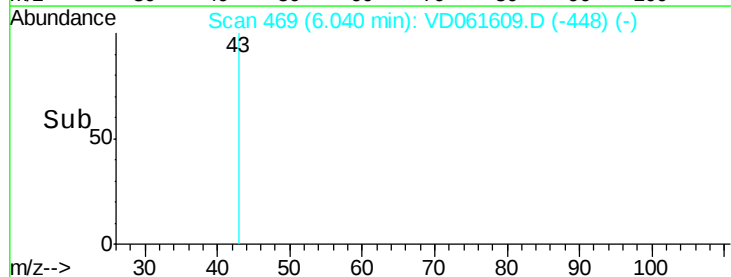


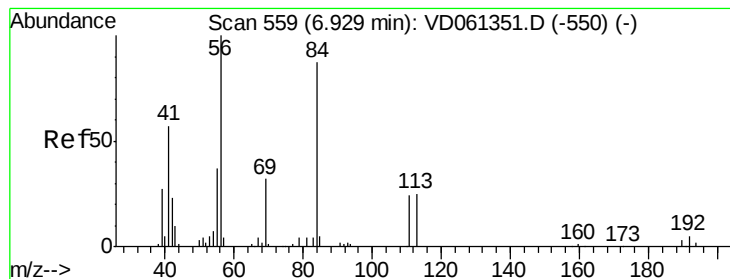
#25
2-Butanone
Concen: 1.220 ug/l
RT: 6.04 min Scan# 468
Delta R.T. 0.01 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
72 0.0 17.2 25.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.146 ug/l

RT: 7.01 min Scan# 568

Delta R.T. 0.09 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :
MSVOA_D
ClientSampled :

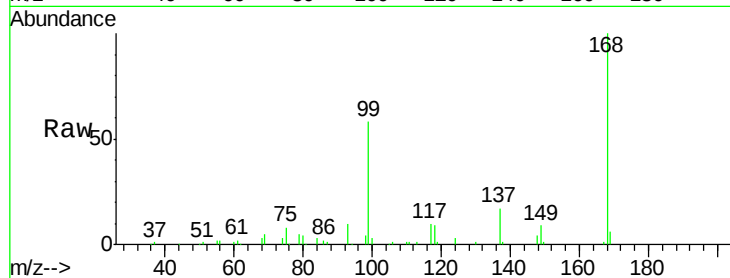
Tot Ion: 56 Resp: 6791

Ion Ratio Lower Upper

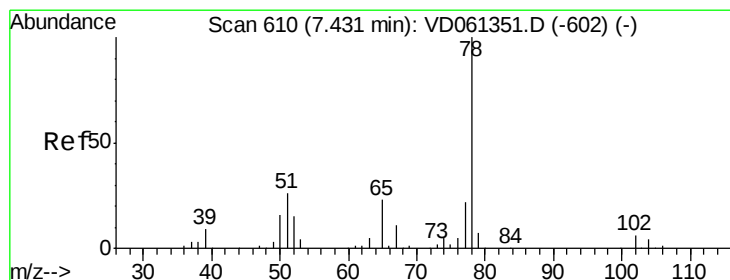
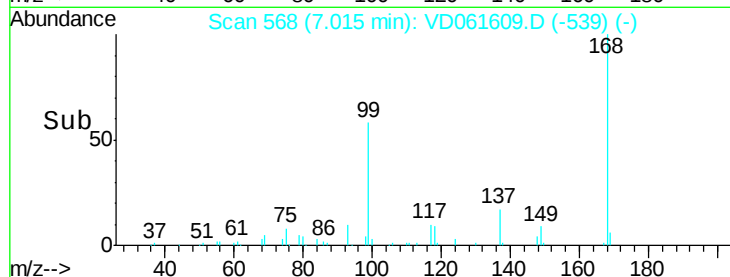
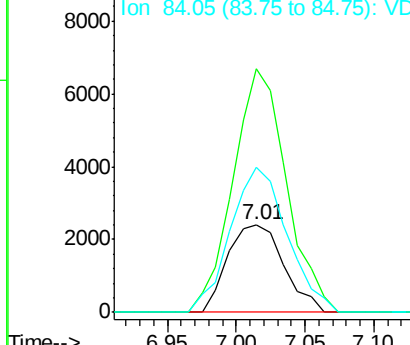
56 100

69 277.8 25.7 38.5#

84 165.4 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: VD061609.D

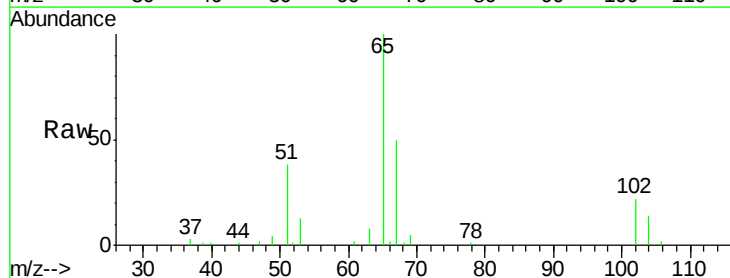
Acq: 5 Apr 2019 7:32

Tgt Ion: 65 Resp: 154355

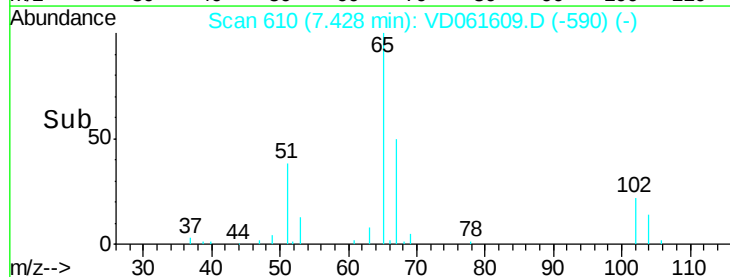
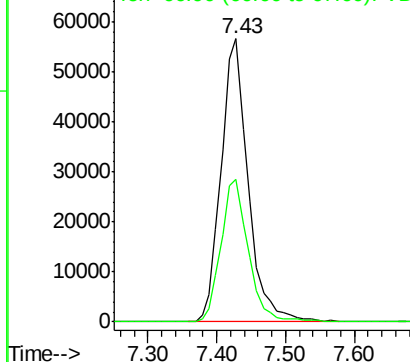
Ion Ratio Lower Upper

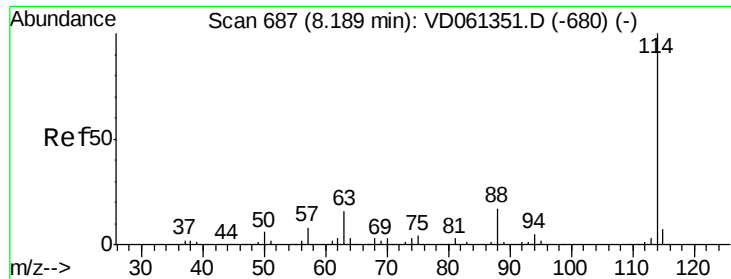
65 100

67 50.4 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.00 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

ClientSampleId :

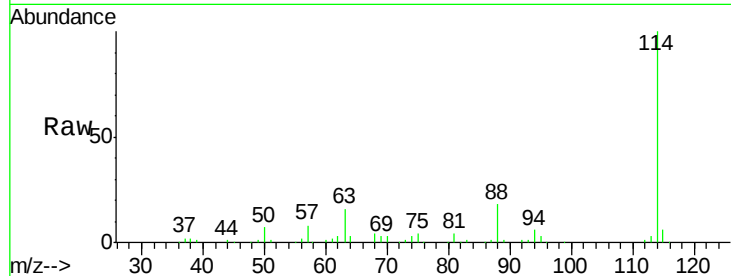
Tot Ion:114 Resp: 665125

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.6

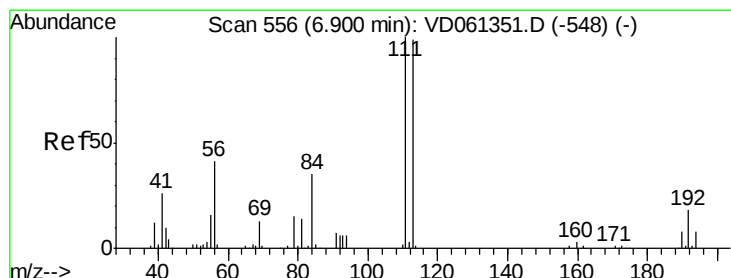
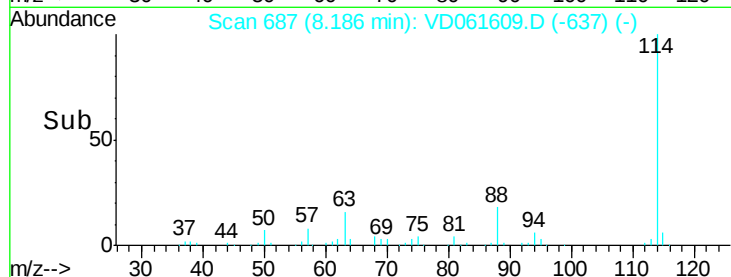
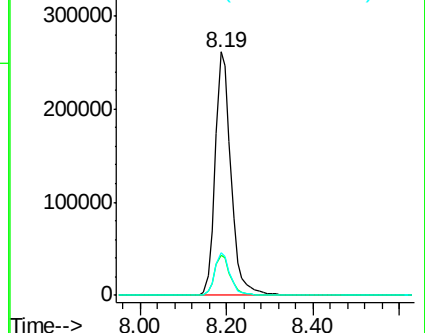
88 17.5 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.00 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

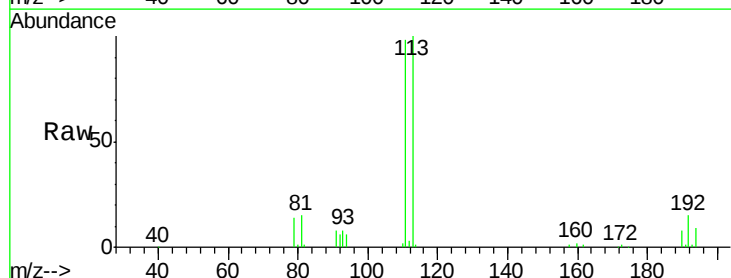
Tgt Ion:113 Resp: 231647

Ion Ratio Lower Upper

113 100

111 98.0 81.0 121.6

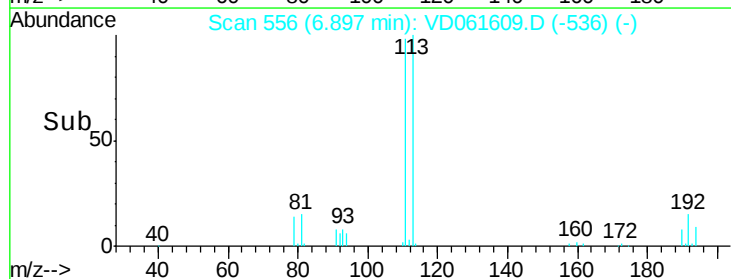
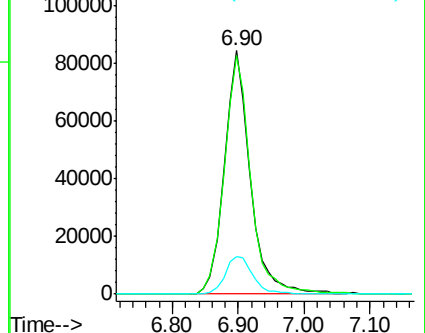
192 15.2 14.4 21.6

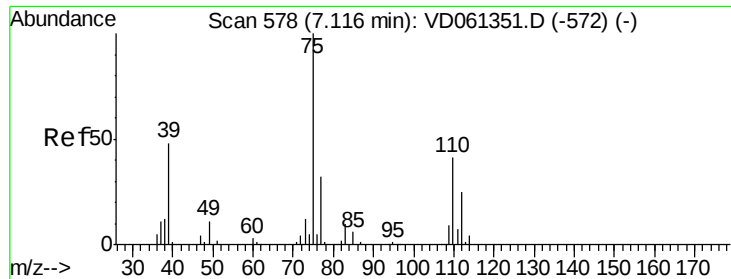


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.197 ug/l

RT: 7.01 min Scan# 568

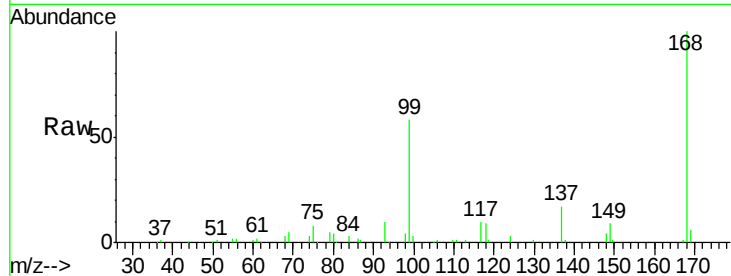
Delta R.T. -0.10 min

Lab File: VD061609.D

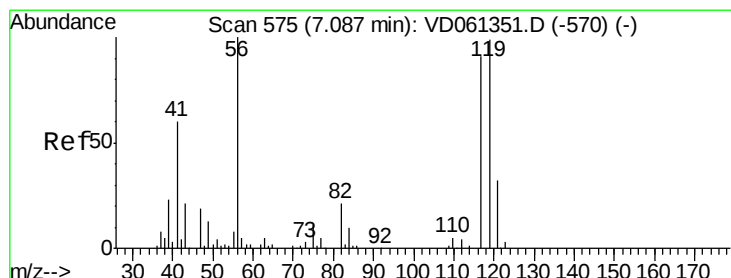
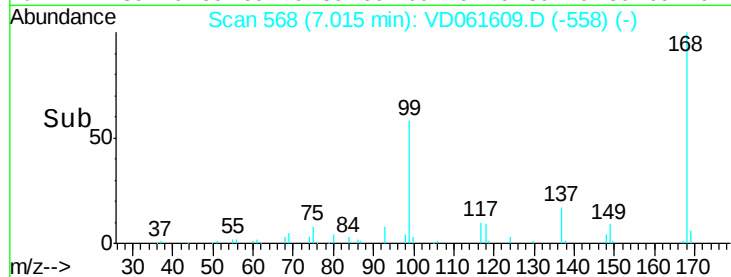
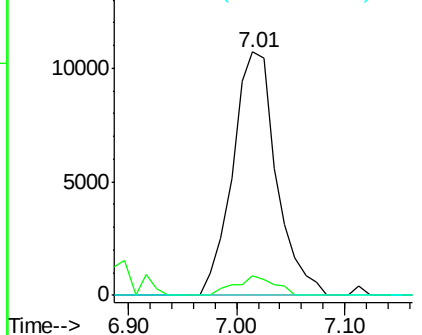
Acq: 5 Apr 2019 7:32

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	75	Resp:	30167
Ion	Ratio	Lower	Upper
75	100		
110	8.1	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): VDC
Ion 76.95 (76.65 to 77.65): VDC



#38

Carbon Tetrachloride

Concen: 5.884 ug/l

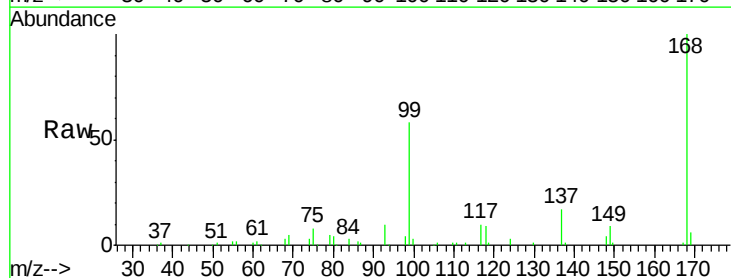
RT: 7.01 min Scan# 568

Delta R.T. -0.07 min

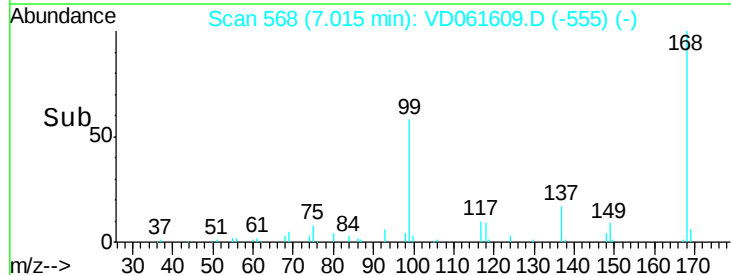
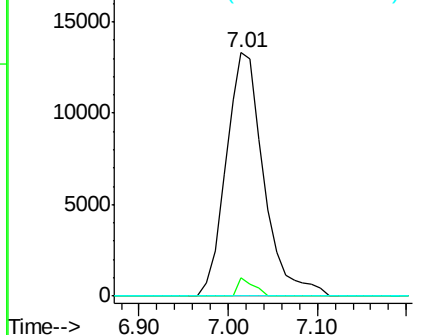
Lab File: VD061609.D

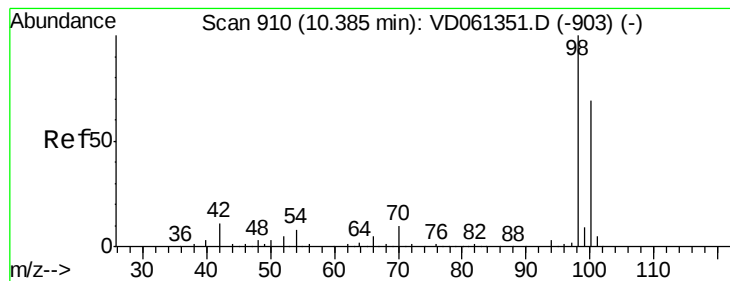
Acq: 5 Apr 2019 7:32

Tgt Ion:	117	Resp:	39247
Ion	Ratio	Lower	Upper
117	100		
119	7.3	80.1	120.1#
121	0.0	25.6	38.4#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.00 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

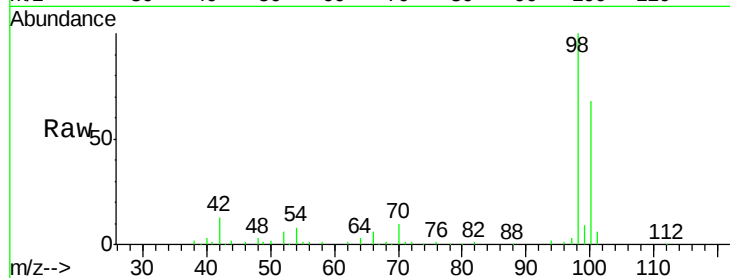
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 353456

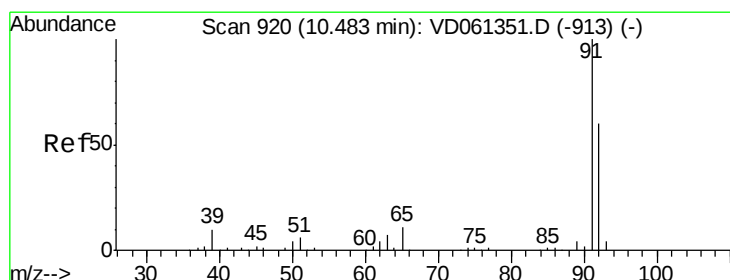
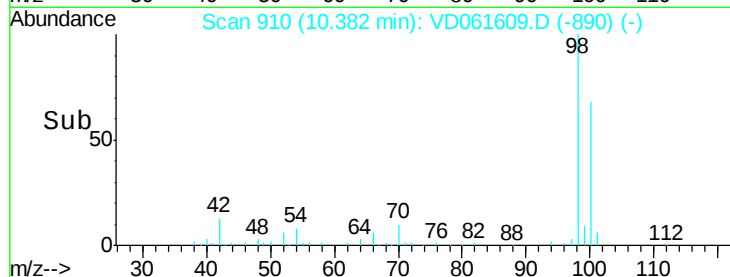
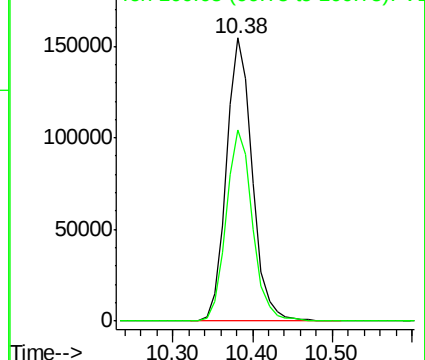
Ion Ratio Lower Upper

98 100

100 67.8 56.2 84.2



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



#52

Toluene

Concen: 1.080 ug/l

RT: 10.48 min Scan# 920

Delta R.T. -0.00 min

Lab File: VD061609.D

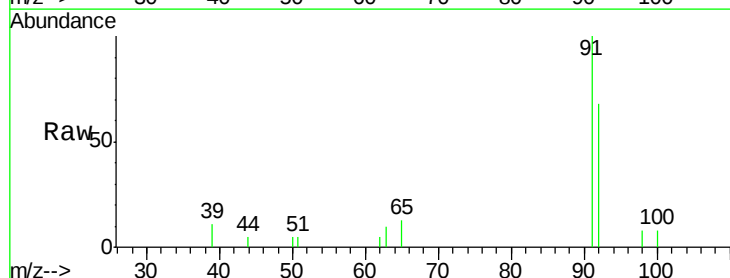
Acq: 5 Apr 2019 7:32

Tgt Ion: 92 Resp: 9601

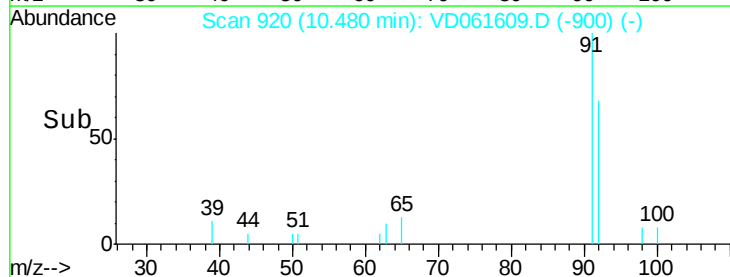
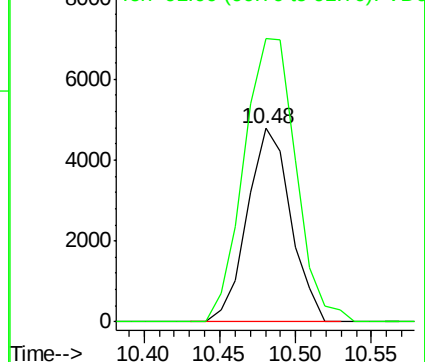
Ion Ratio Lower Upper

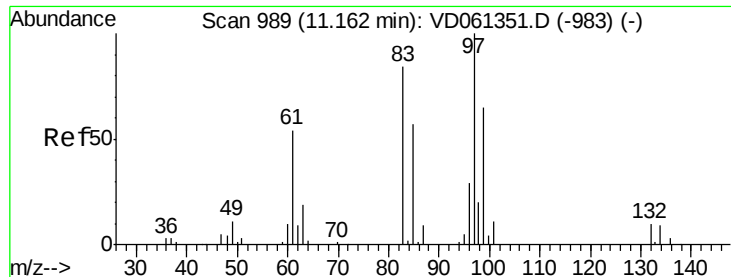
92 100

91 146.2 133.3 199.9



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: 2.224 ug/l

RT: 11.07 min Scan# 980

Delta R.T. -0.09 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 6914

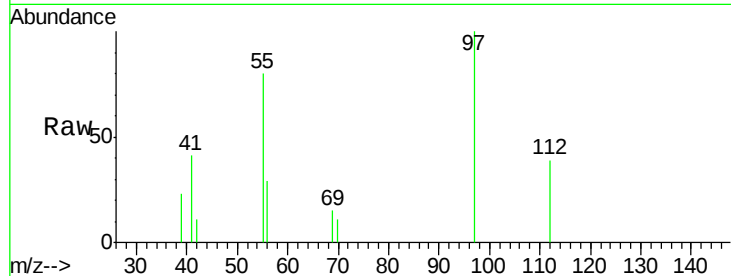
Ion Ratio Lower Upper

97 100

83 0.0 67.0 100.6#

85 0.0 45.4 68.2#

99 0.0 51.9 77.9#

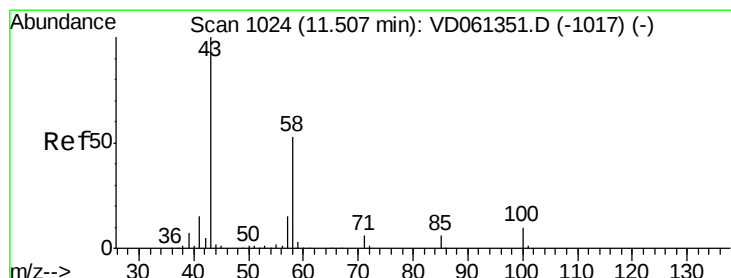
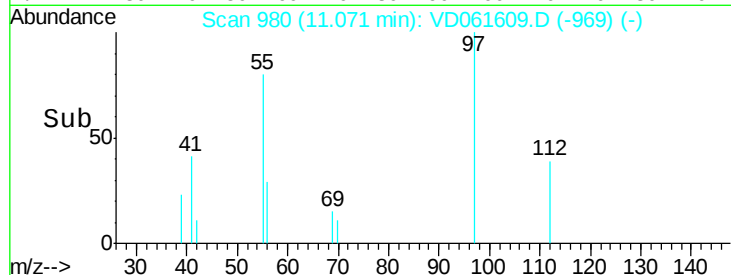
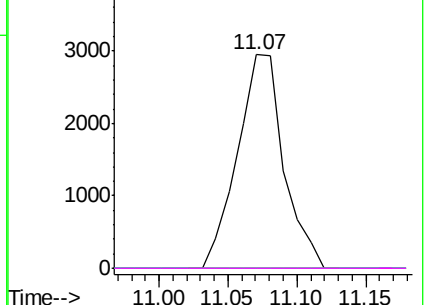


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 5.448 ug/l

RT: 11.46 min Scan# 1020

Delta R.T. -0.04 min

Lab File: VD061609.D

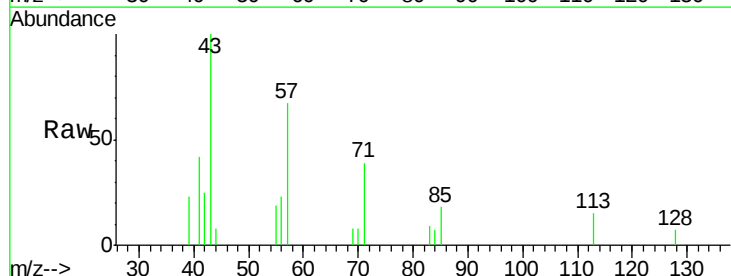
Acq: 5 Apr 2019 7:32

Tgt Ion: 43 Resp: 8675

Ion Ratio Lower Upper

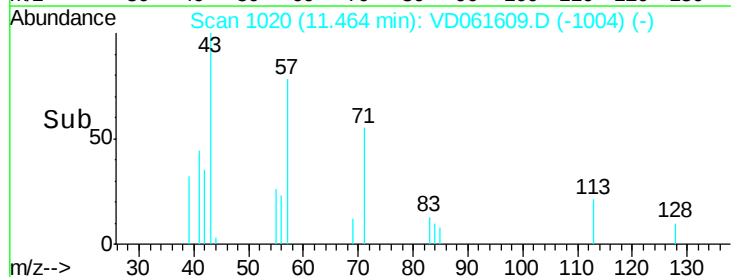
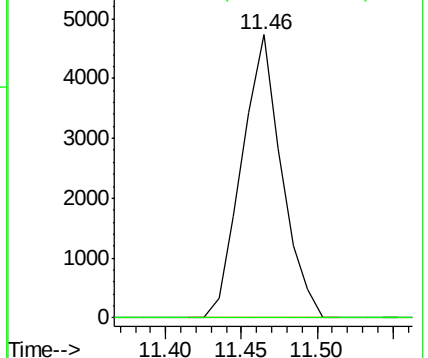
43 100

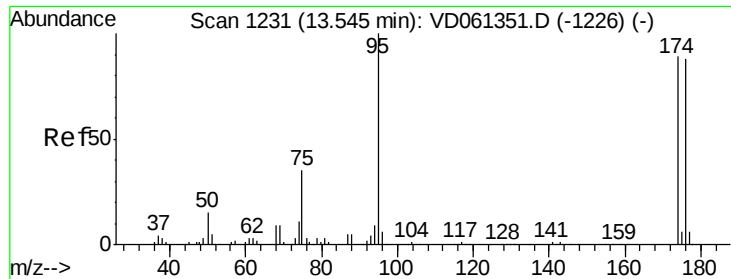
58 0.0 26.3 78.9#



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: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

ClientSampleId :

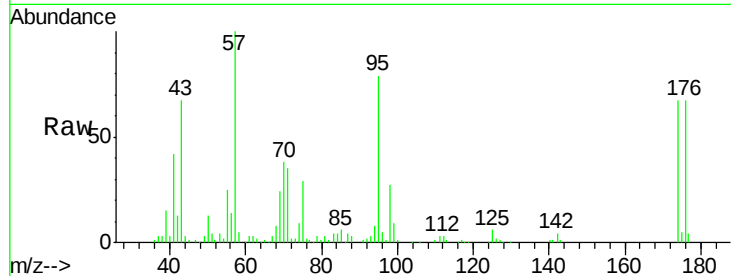
Tot Ion: 95 Resp: 183192

Ion Ratio Lower Upper

95 100

174 85.0 0.0 178.0

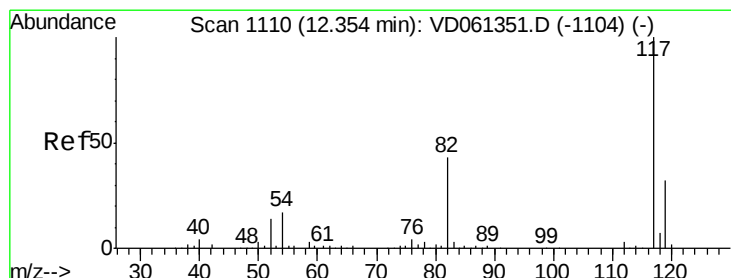
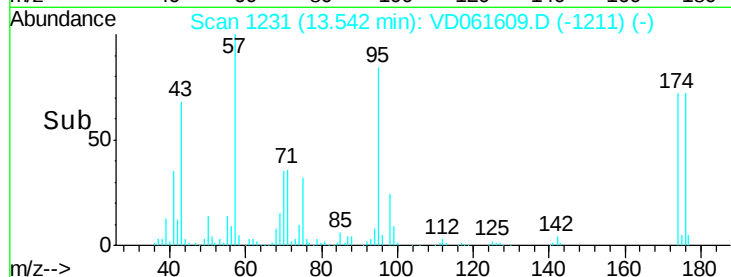
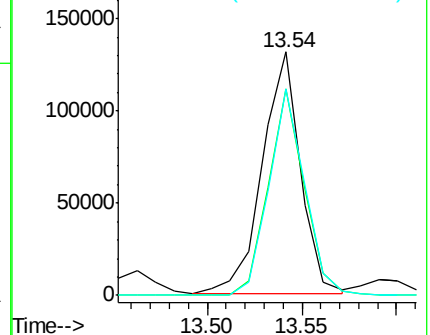
176 85.0 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD061609.D

Acq: 5 Apr 2019 7:32

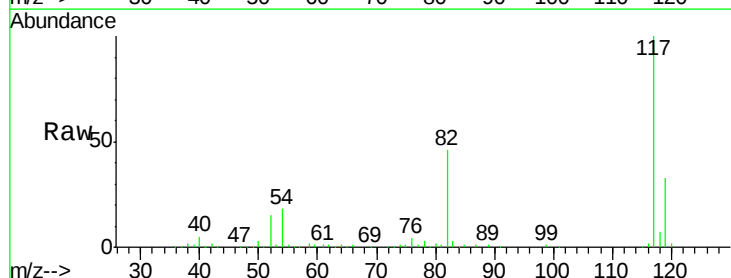
Tgt Ion: 117 Resp: 453794

Ion Ratio Lower Upper

117 100

82 45.8 34.4 51.6

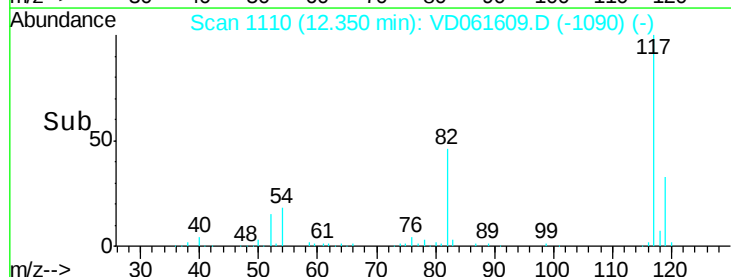
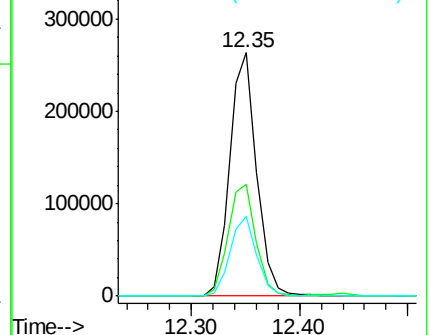
119 32.7 25.8 38.6

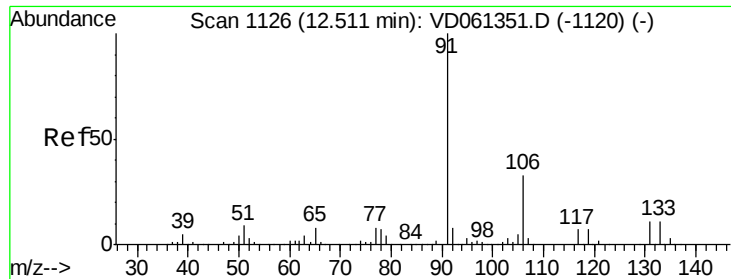


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

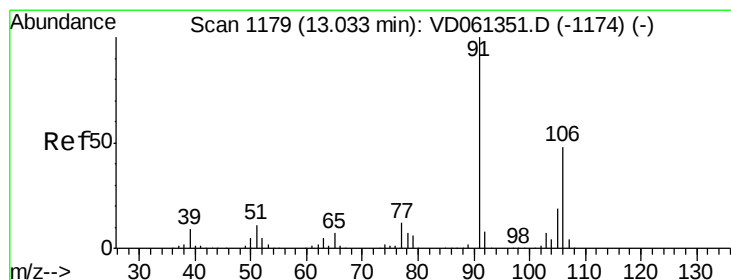
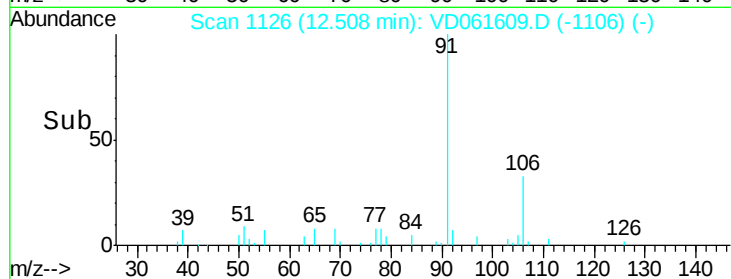
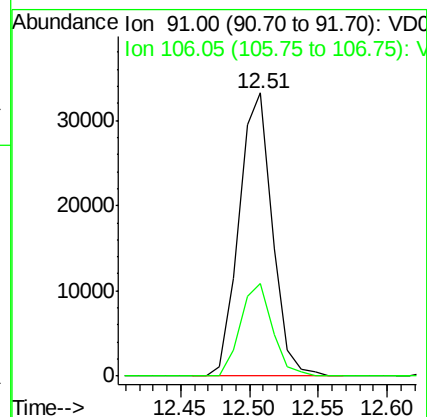
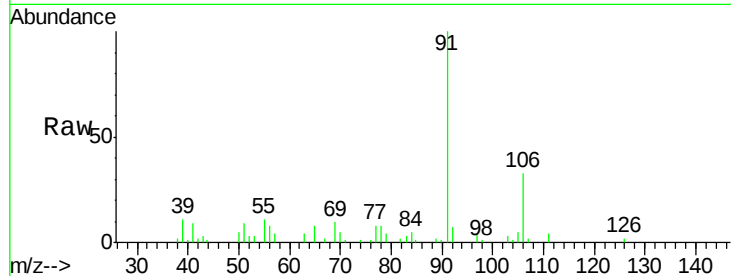




#67
Ethyl Benzene
Concen: 3.946 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

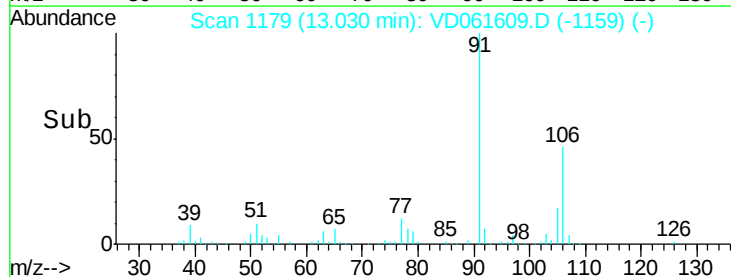
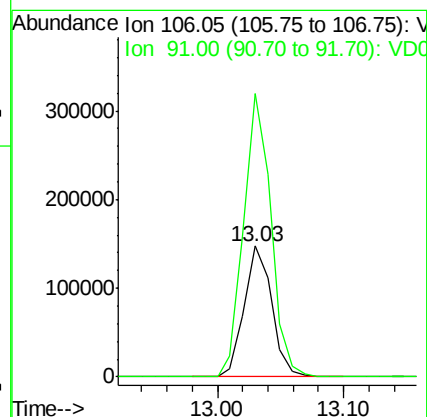
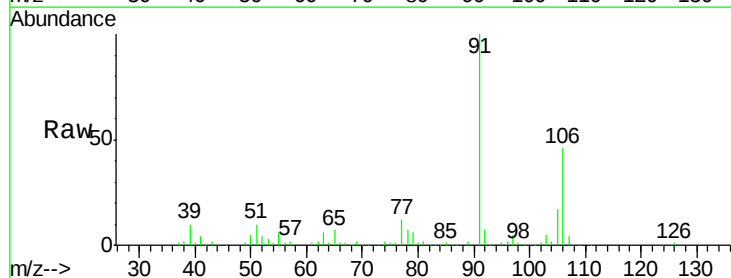
Instrument :
MSVOA_D
ClientSampled :

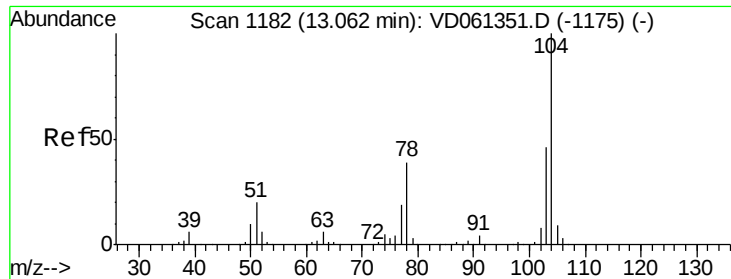
Tot Ion: 91 Resp: 55855
Ion Ratio Lower Upper
91 100
106 32.8 26.1 39.1



#69
o-Xylene
Concen: 42.706 ug/l
RT: 13.03 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

Tgt Ion: 106 Resp: 222226
Ion Ratio Lower Upper
106 100
91 216.9 103.8 311.3

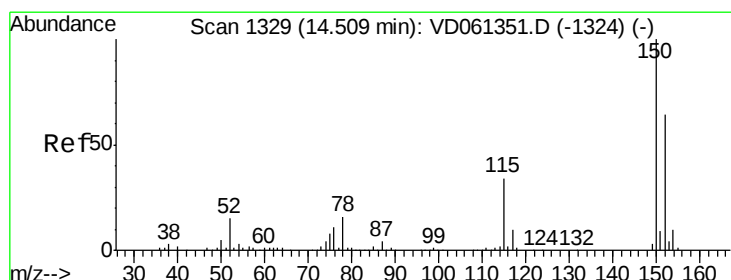
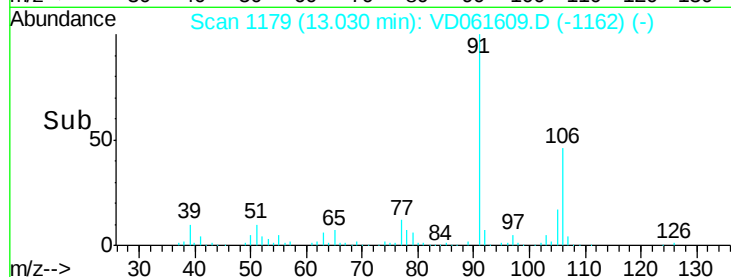
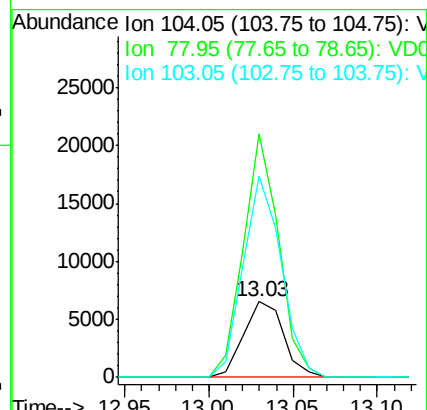
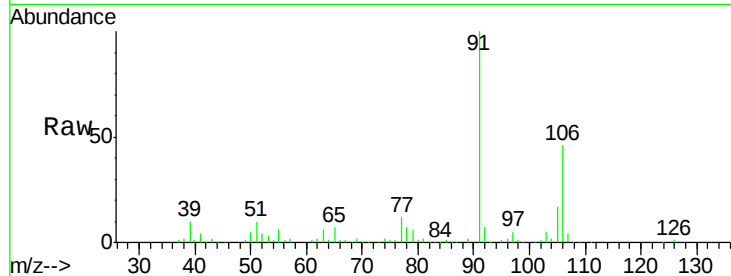




#70
Stvrene
Concen: 1.190 ug/l
RT: 13.03 min Scan# 1179
Delta R.T. -0.03 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

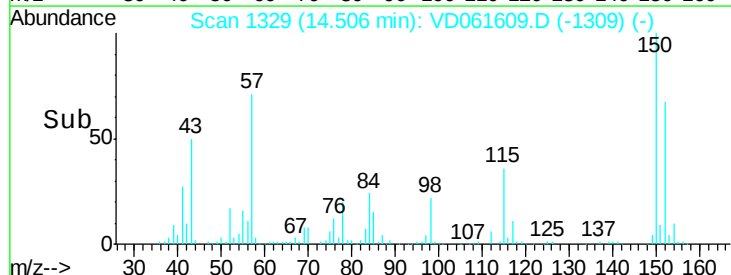
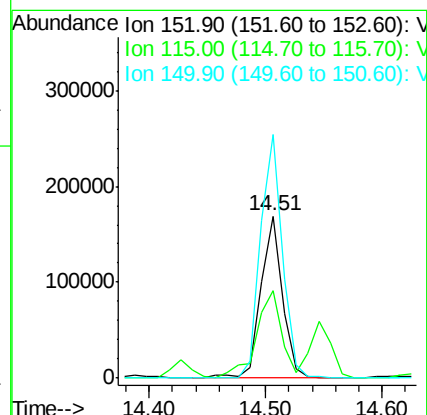
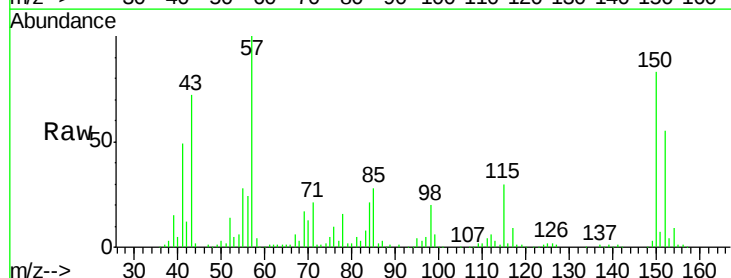
Instrument :
MSVOA_D
ClientSampled :

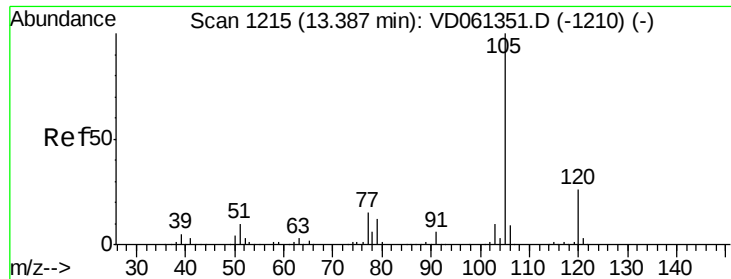
Tot Ion:104 Resp: 10791
Ion Ratio Lower Upper
104 100
78 322.2 31.0 46.6#
103 266.0 37.0 55.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

Tgt Ion:152 Resp: 218779
Ion Ratio Lower Upper
152 100
115 53.9 26.9 80.6
150 150.1 0.0 318.0





#73

Isopropylbenzene

Concen: 4.356 ug/l

RT: 13.38 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

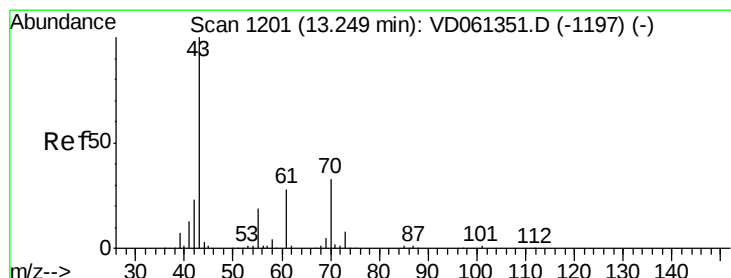
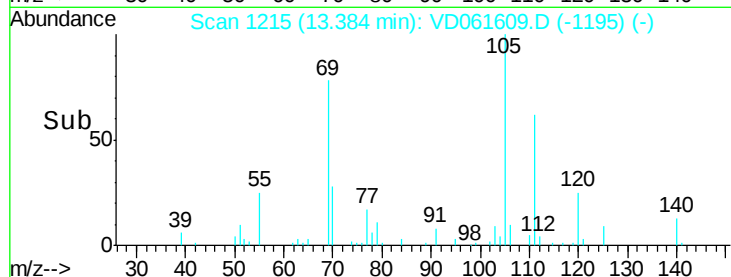
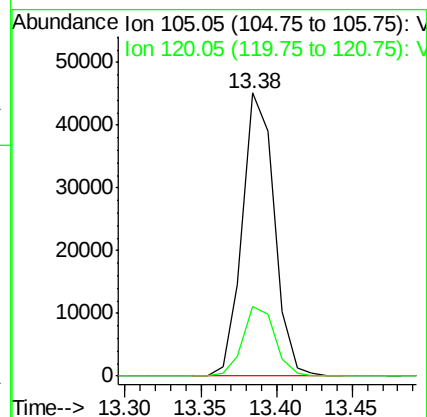
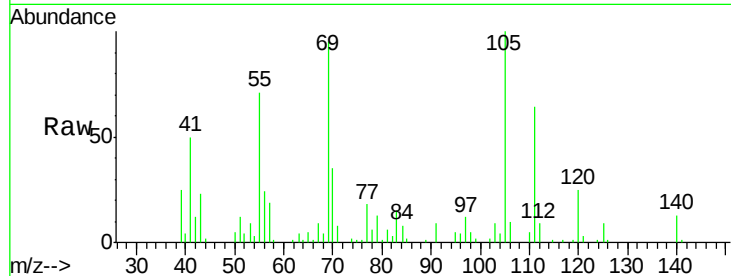
ClientSampled :

Tot Ion:105 Resp: 66330

Ion Ratio Lower Upper

105 100

120 24.8 12.8 38.3



#74

N-ethyl acetate

Concen: 22.916 ug/l

RT: 13.21 min Scan# 1197

Delta R.T. -0.04 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Tgt Ion: 43 Resp: 97204

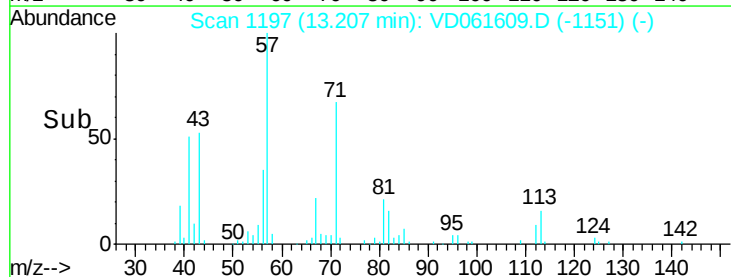
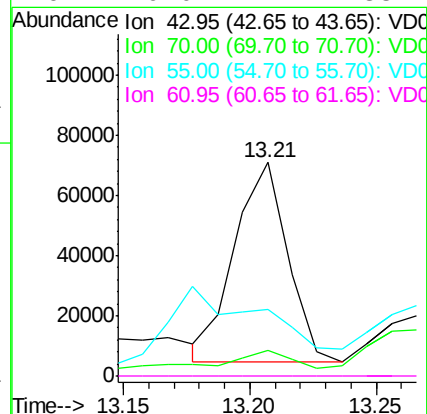
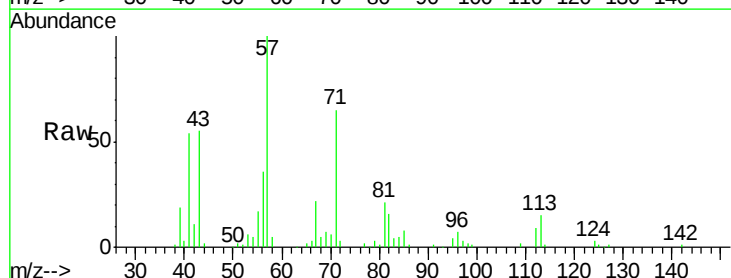
Ion Ratio Lower Upper

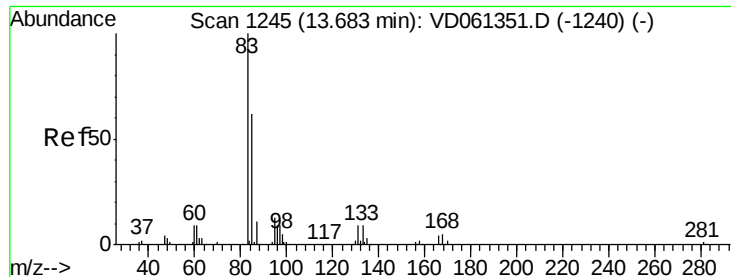
43 100

70 11.7 26.6 40.0#

55 31.4 15.4 23.2#

61 0.0 22.2 33.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 11.496 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.02 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

ClientSampleId :

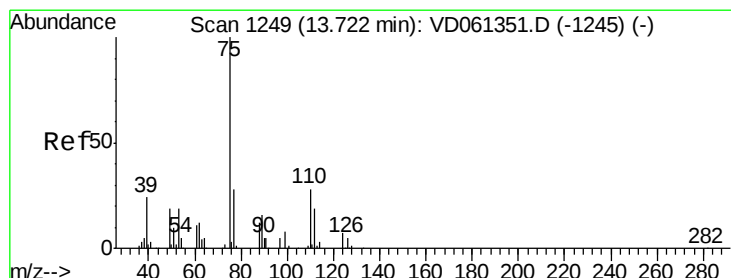
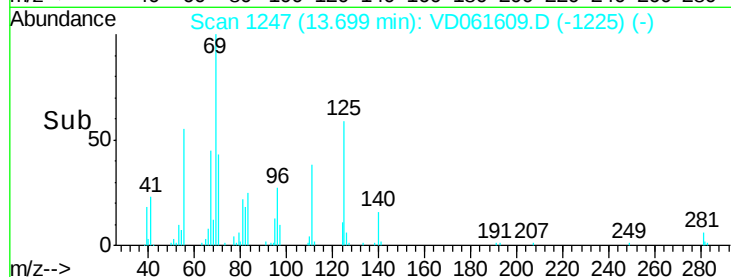
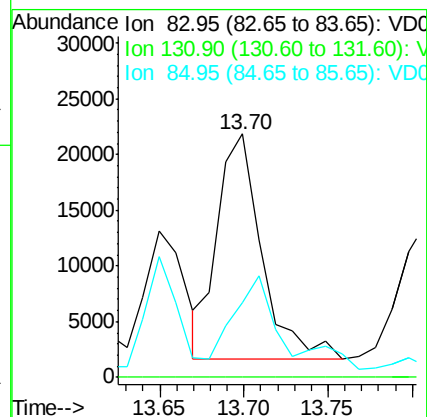
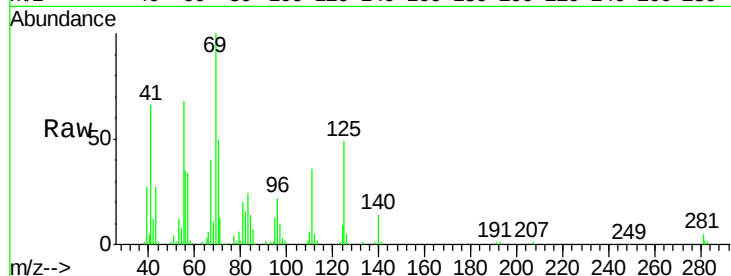
Tot Ion: 83 Resp: 36927

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 30.7 31.2 93.6#



#76

1,2,3-Trichloropropane

Concen: 1.284 ug/l

RT: 13.87 min Scan# 1264

Delta R.T. 0.14 min

Lab File: VD061609.D

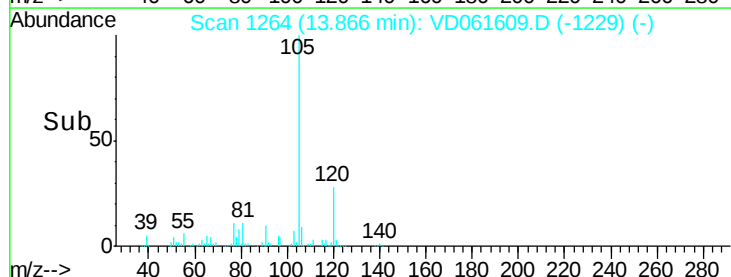
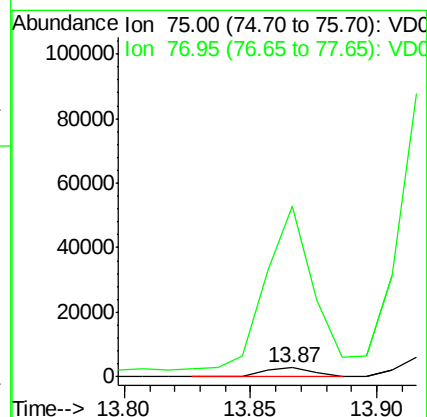
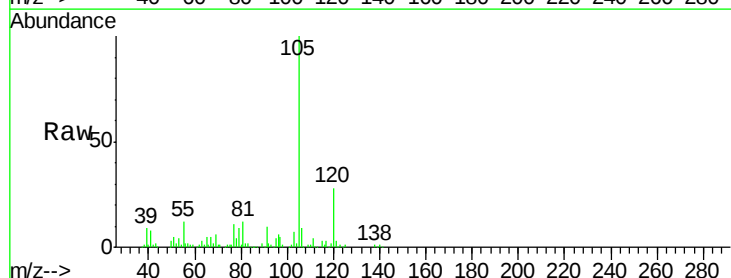
Acq: 5 Apr 2019 7:32

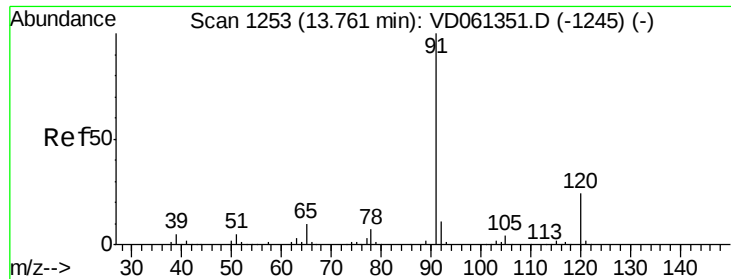
Tgt Ion: 75 Resp: 4057

Ion Ratio Lower Upper

75 100

77 1870.5 16.2 48.5#





#78

n-propylbenzene

Concen: 11.320 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.00 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

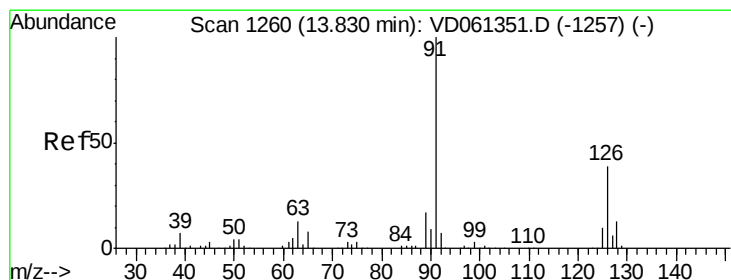
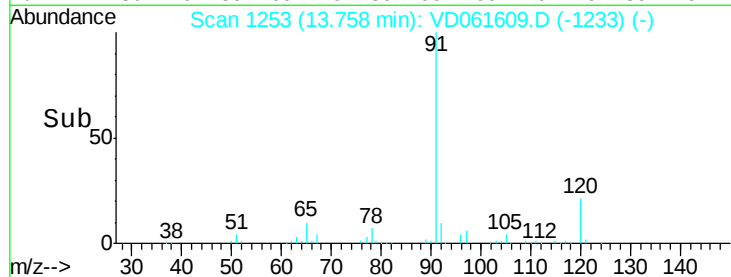
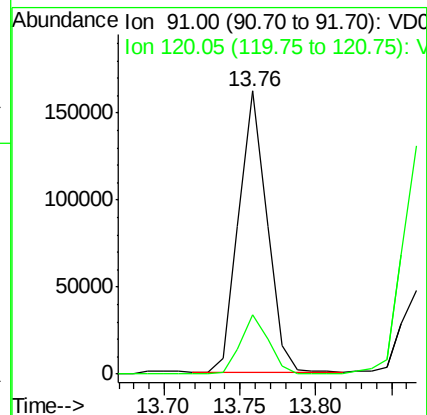
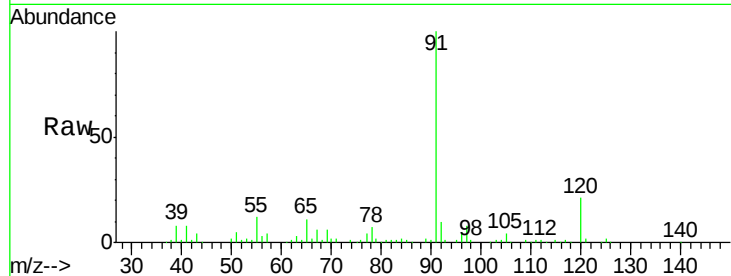
ClientSampleId :

Tot Ion: 91 Resp: 210934

Ion Ratio Lower Upper

91 100

120 21.0 11.8 35.3



#79

2-Chlorotoluene

Concen: 6.350 ug/l

RT: 13.87 min Scan# 1264

Delta R.T. 0.04 min

Lab File: VD061609.D

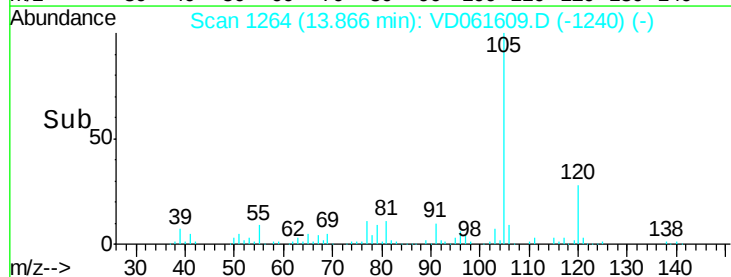
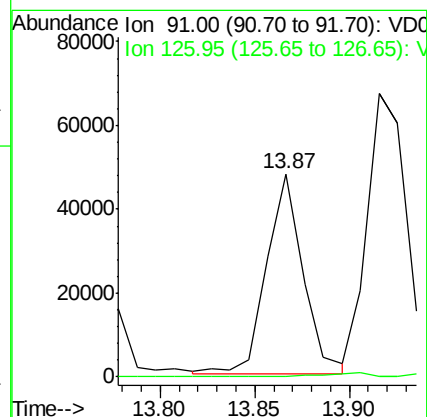
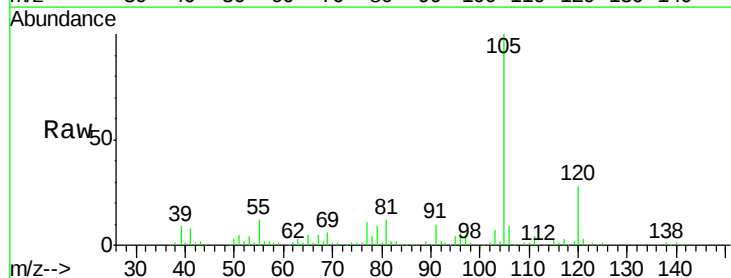
Acq: 5 Apr 2019 7:32

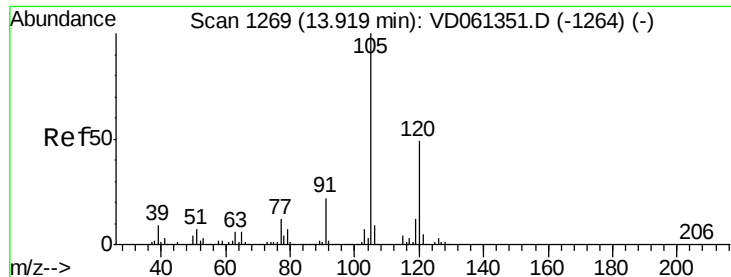
Tgt Ion: 91 Resp: 64250

Ion Ratio Lower Upper

91 100

126 0.0 19.4 58.2#





#80

1,3,5-Trimethylbenzene

Concen: 80.559 ug/l

RT: 13.92 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

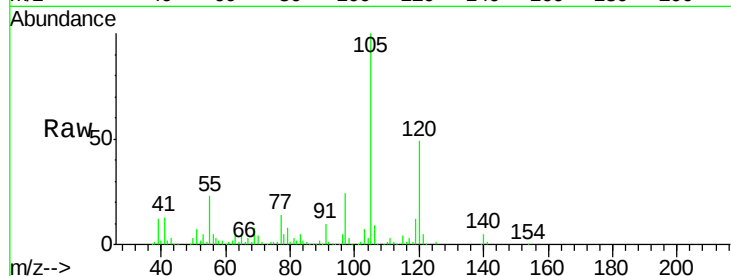
ClientSampled :

Tot Ion:105 Resp: 951745

Ion Ratio Lower Upper

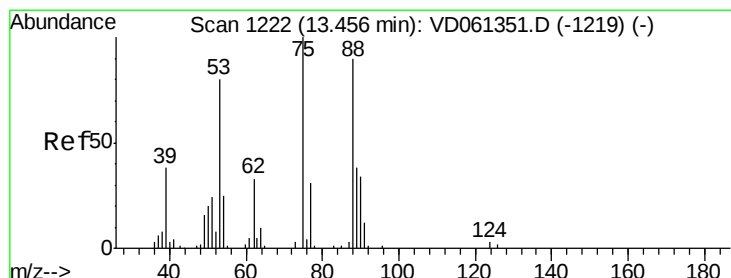
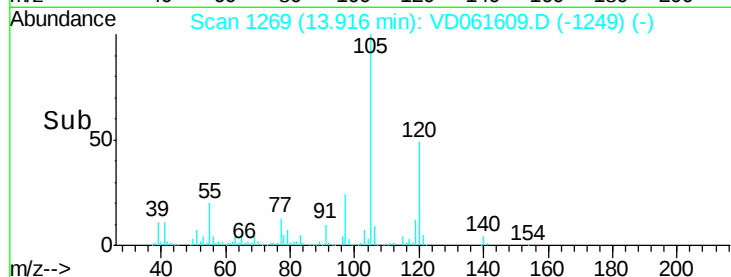
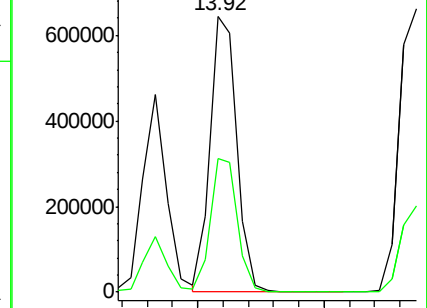
105 100

120 48.6 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#81

trans-1,4-Dichloro-2-butene

Concen: 68.257 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.09 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

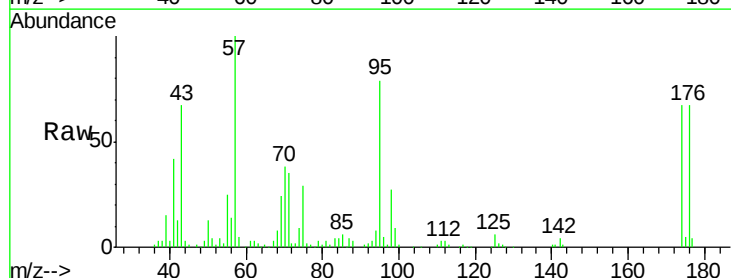
Tgt Ion: 75 Resp: 65771

Ion Ratio Lower Upper

75 100

53 14.9 63.8 95.8#

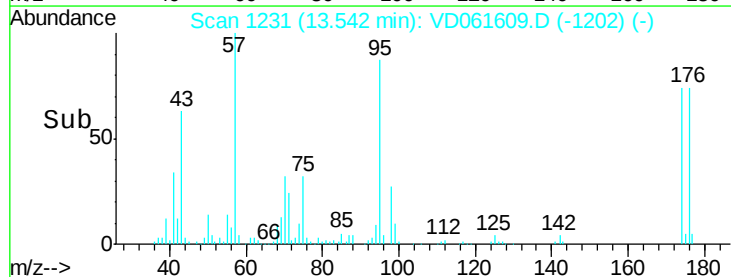
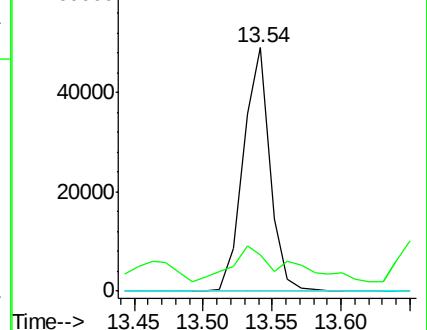
89 0.0 30.5 45.7#

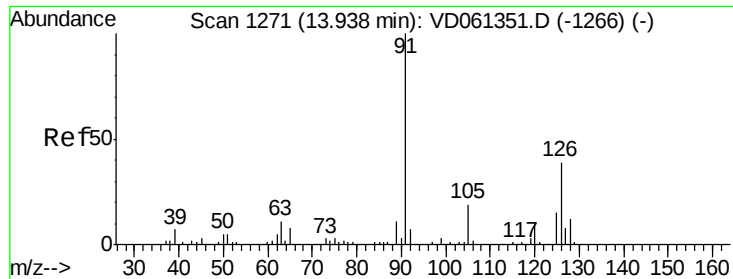


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#82

4-Chlorotoluene

Concen: 8.976 ug/l

RT: 13.92 min Scan# 1269

Delta R.T. -0.02 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

Instrument :

MSVOA_D

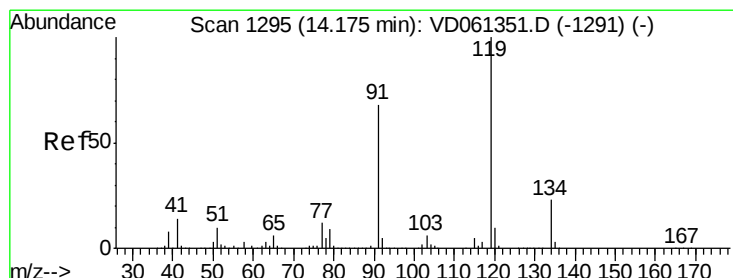
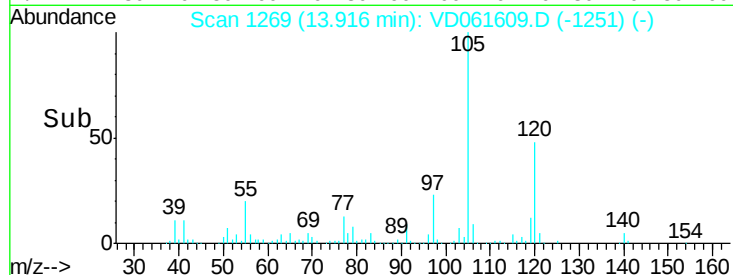
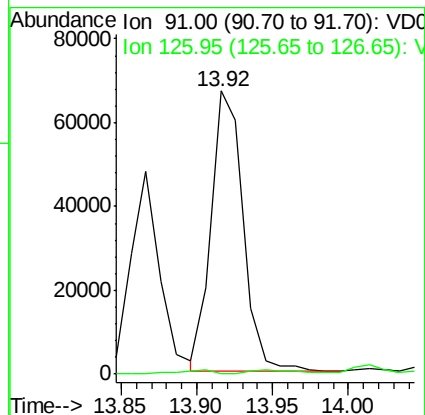
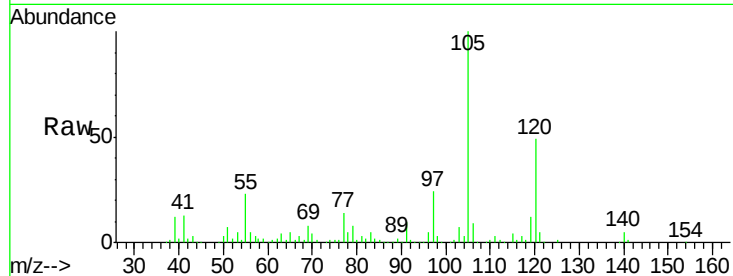
ClientSampled :

Tot Ion: 91 Resp: 98751

Ion Ratio Lower Upper

91 100

126 0.0 19.6 58.8#



#83

tert-Butylbenzene

Concen: 1.238 ug/l

RT: 14.17 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VD061609.D

Acq: 5 Apr 2019 7:32

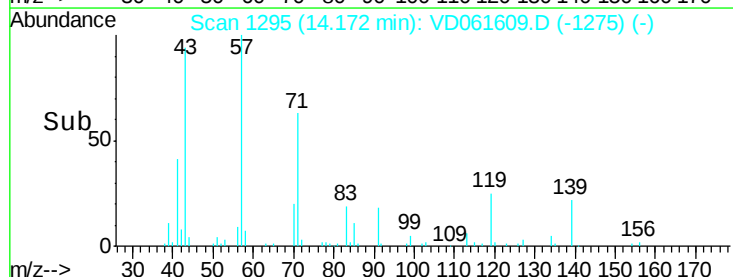
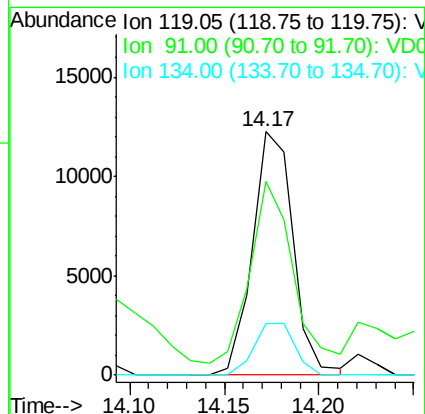
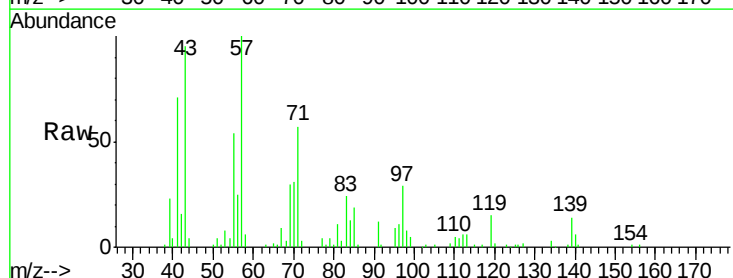
Tgt Ion: 119 Resp: 18275

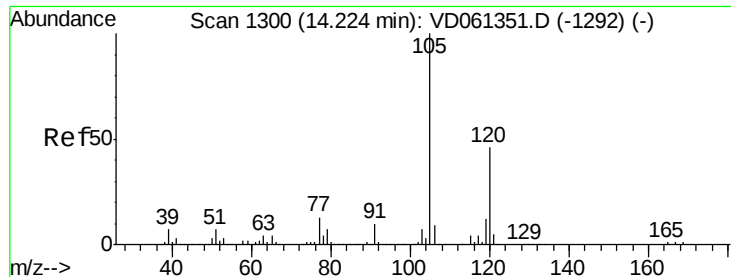
Ion Ratio Lower Upper

119 100

91 79.8 34.1 102.3

134 21.3 11.6 34.8

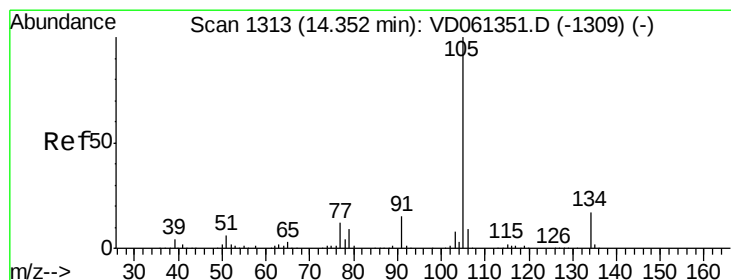
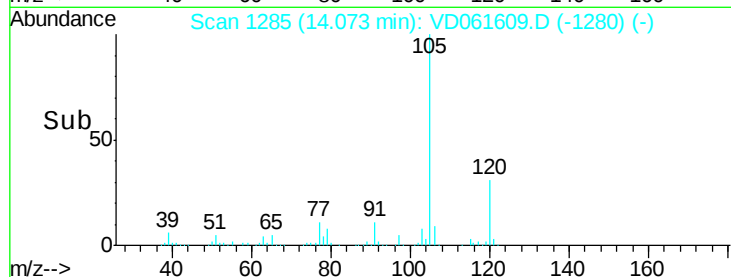
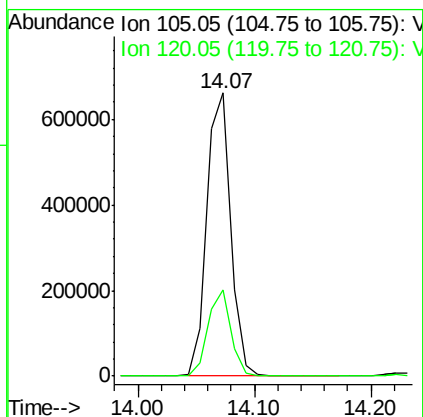
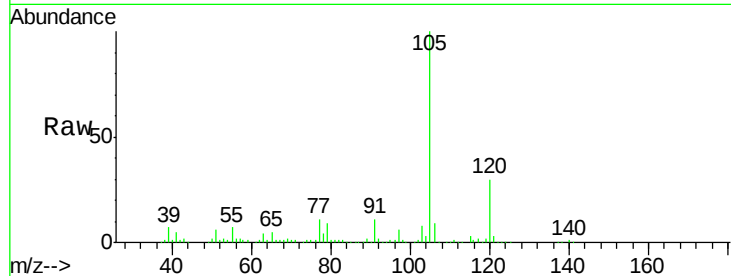




#84
 1,2,4-Trimethylbenzene
 Concen: 73.132 ug/l
 RT: 14.07 min Scan# 1285
 Delta R.T. -0.15 min
 Lab File: VD061609.D
 Acq: 5 Apr 2019 7:32

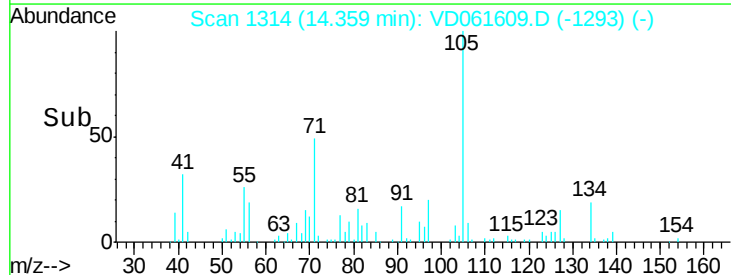
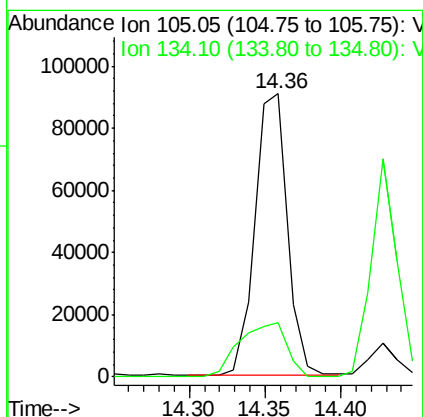
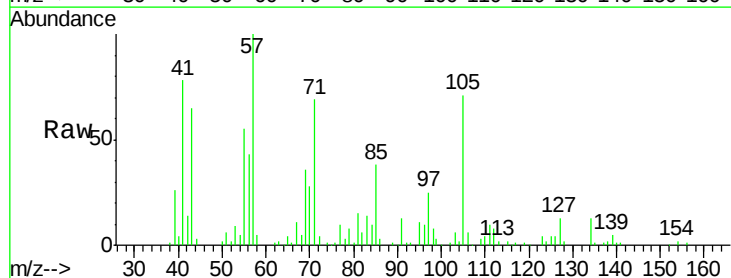
Instrument :
 MSVOA_D
 ClientSampleId :

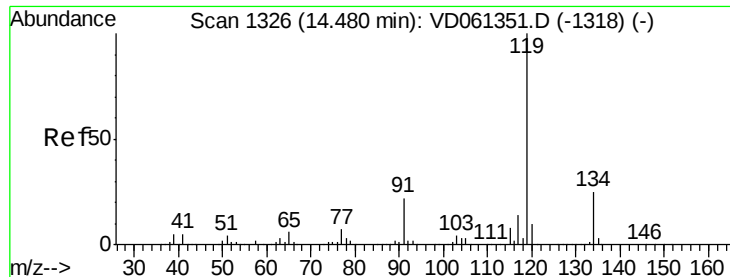
Tot Ion:105 Resp: 935388
 Ion Ratio Lower Upper
 105 100
 120 30.5 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 8.660 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: VD061609.D
 Acq: 5 Apr 2019 7:32

Tgt Ion:105 Resp: 135839
 Ion Ratio Lower Upper
 105 100
 134 19.0 8.7 26.1

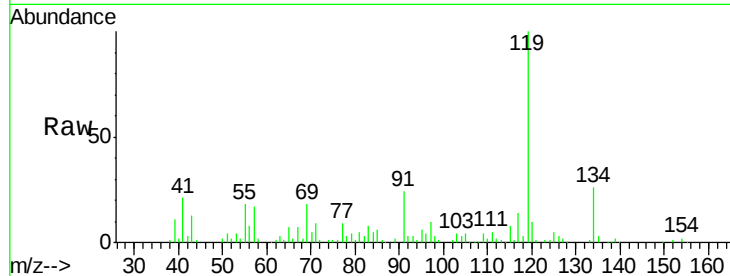




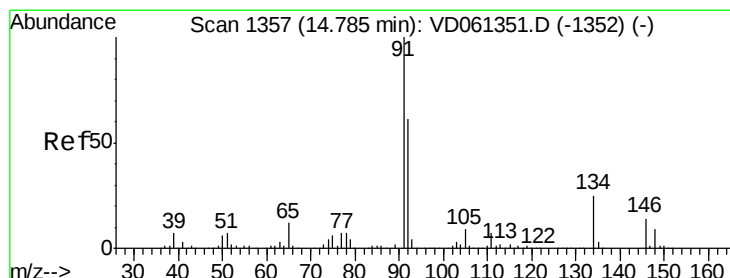
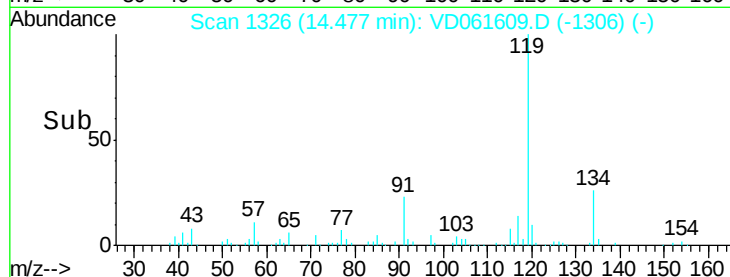
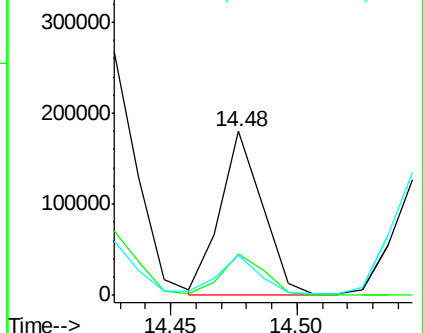
#86
p-Isopropyltoluene
Concen: 15.696 ug/l
RT: 14.48 min Scan# 1326
Delta R.T. -0.00 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 208185
Ion Ratio Lower Upper
119 100
134 25.6 12.3 36.8
91 24.1 11.1 33.1

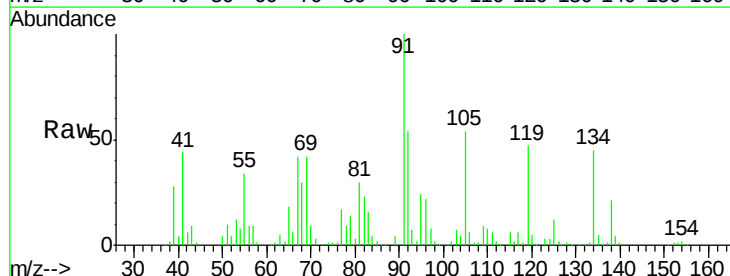


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 134.10 (133.80 to 134.80): V
Ion 91.00 (90.70 to 91.70): V

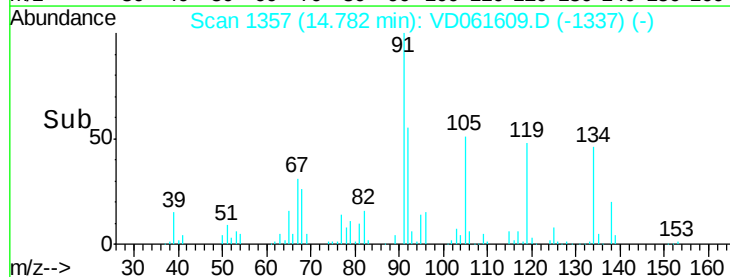
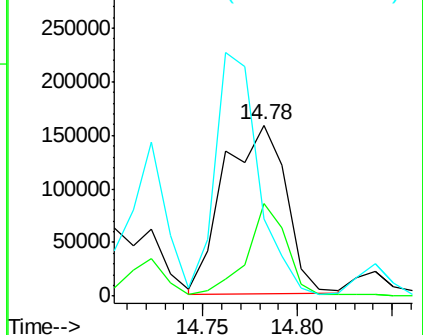


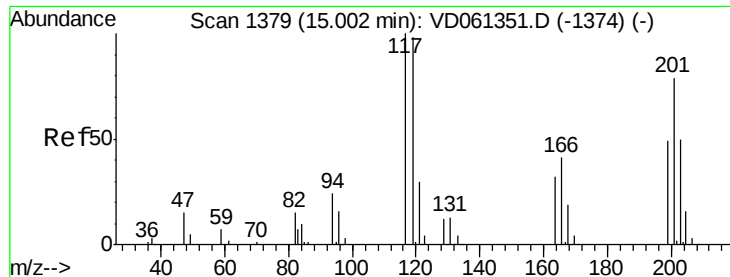
#89
n-Butylbenzene
Concen: 29.310 ug/l
RT: 14.78 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

Tgt Ion: 91 Resp: 356804
Ion Ratio Lower Upper
91 100
92 54.1 30.3 91.0
134 45.0 12.4 37.0#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.10 (133.80 to 134.80): V

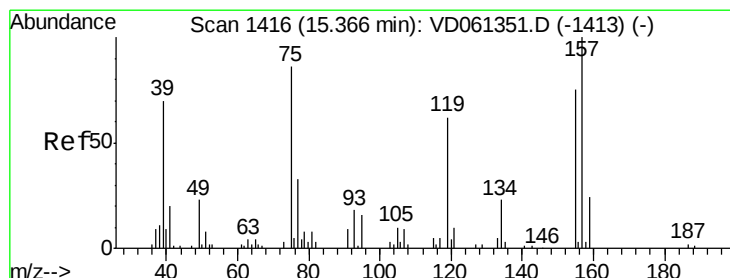
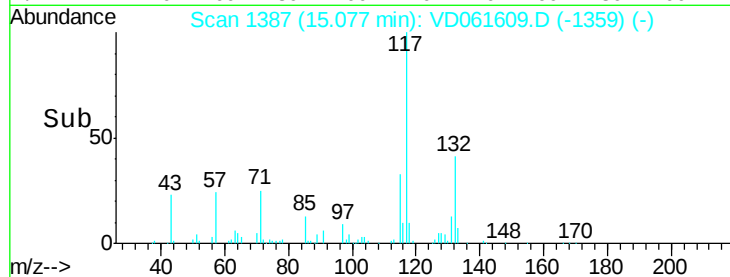
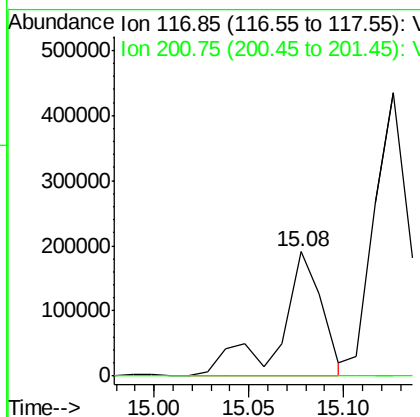
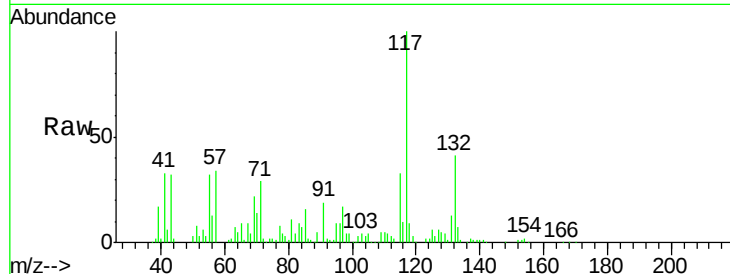




#90
Hexachloroethane
Concen: 77.911 ug/l
RT: 15.08 min Scan# 1387
Delta R.T. 0.08 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

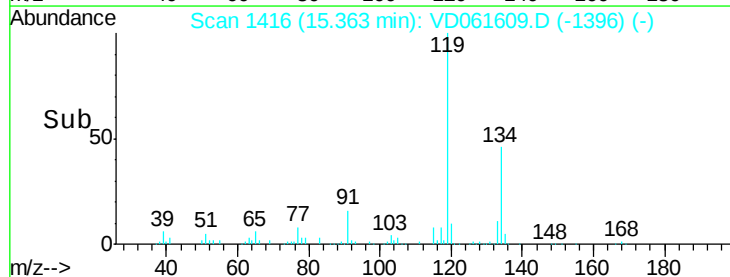
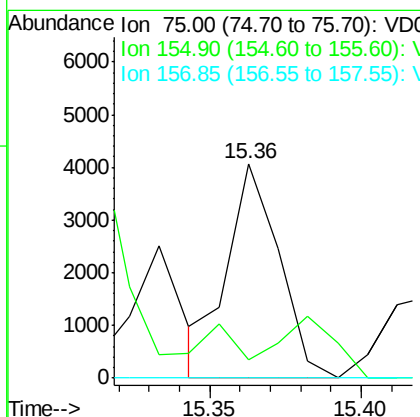
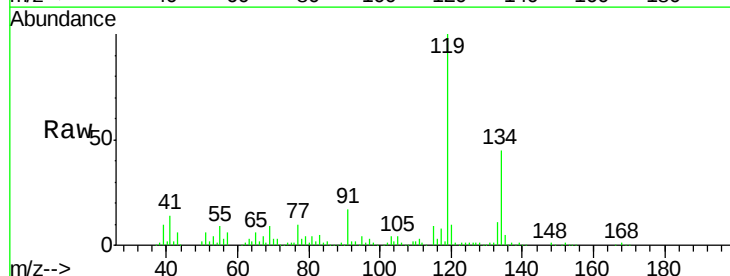
Instrument :
MSVOA_D
ClientSampled :

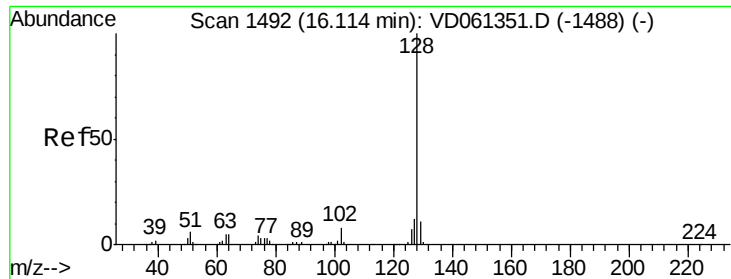
Tot Ion:117 Resp: 291932
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 12.871 ug/l
RT: 15.36 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

Tgt Ion: 75 Resp: 4849
Ion Ratio Lower Upper
75 100
155 8.8 43.6 130.9#
157 0.0 58.5 175.3#

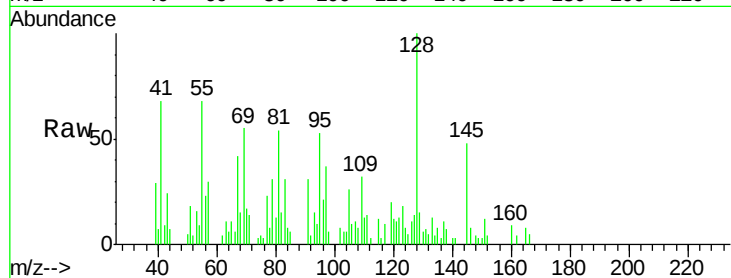




#95
Naphthalene
Concen: 2.847 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD061609.D
Acq: 5 Apr 2019 7:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	9.9	14.9
129	14.7	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

