

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012919\
 Data File : VW008452.D
 Acq On : 29 Jan 2019 15:38
 Operator : SY/VA
 Sample : K1008-03RE
 Misc : 5.51G/6ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

Quant Time: Jan 30 03:13:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	386054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	632139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	515928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	200130	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	7.88	113	197878	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	10.32	98	715111	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.62	95	229172	40.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	189	3.332	ug/l #	41
7) Trichlorofluoromethane	3.26	101	736	4.916	ug/l	97
11) Tert butyl alcohol	5.17	59	1777	5.820	ug/l #	85
13) Acrolein	3.87	56	364	5.514	ug/l #	1
16) Acetone	4.12	43	43941	51.593	ug/l	100
20) Methylene Chloride	4.90	84	39283	10.007	ug/l #	90
25) 2-Butanone	7.13	43	3666	3.099	ug/l #	81
26) 2,2-Dichloropropane	7.13	77	7199	1.480	ug/l #	53
29) Tetrahydrofuran	7.54	42	2521	3.363	ug/l #	70
31) Cyclohexane	7.95	56	9751	1.310	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	27697	4.638	ug/l #	52
38) Carbon Tetrachloride	7.95	117	37209	6.192	ug/l #	17
49) 1,4-Dioxane	9.44	88	59	1.643	ug/l #	23
51) 4-Methyl-2-Pentanone	10.21	43	4648	1.714	ug/l	88
55) 1,1,2-Trichloroethane	10.76	97	3813	1.294	ug/l #	23
67) Ethyl Benzene	11.74	91	20225	1.045	ug/l	99
68) m/p-Xylenes	11.83	106	33737	4.491	ug/l	98
69) o-Xylene	12.16	106	35473	4.970	ug/l	96
73) Isopropylbenzene	12.46	105	21112	1.437	ug/l	99
74) N-amyl acetate	12.26	43	16842	4.450	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.69	83	3266	1.404	ug/l #	30
76) 1,2,3-Trichloropropane	12.87	75	3875	2.262	ug/l #	1
77) Bromobenzene	12.87	156	5434	1.694	ug/l #	1
78) n-propylbenzene	12.80	91	100053	5.671	ug/l	99
79) 2-Chlorotoluene	12.87	91	39222	3.939	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.94	105	167584	13.648	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.62	75	112545	129.748	ug/l #	12
82) 4-Chlorotoluene	12.94	91	21247	2.004	ug/l #	53
83) tert-Butylbenzene	13.26	119	93940	8.597	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.26	105	752596	60.302	ug/l	100
85) sec-Butylbenzene	13.38	105	68170	4.369	ug/l	87
86) p-Isopropyltoluene	13.50	119	54356	3.977	ug/l	98
89) n-Butylbenzene	13.83	91	131529	9.800	ug/l #	80
90) Hexachloroethane	14.10	117	34407	12.871	ug/l #	10

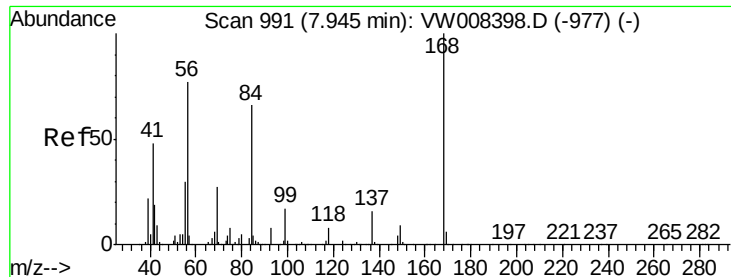
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012919\
Data File : VW008452.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1196	2.710	ug/l #	27
95) Naphthalene	15.37	128	113356	15.780	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.58	180	3558	1.025	ug/l #	63

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

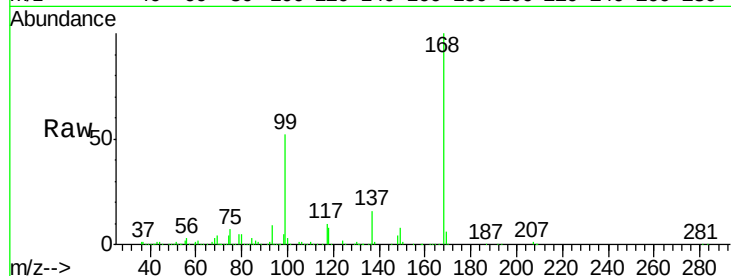
HD-01-012819

Tgt Ion: 168 Resp: 386054

Ion Ratio Lower Upper

168 100

99 52.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

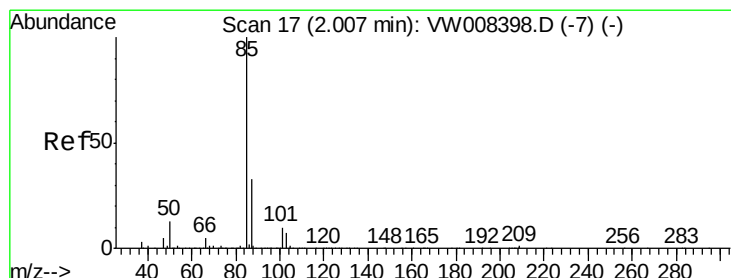
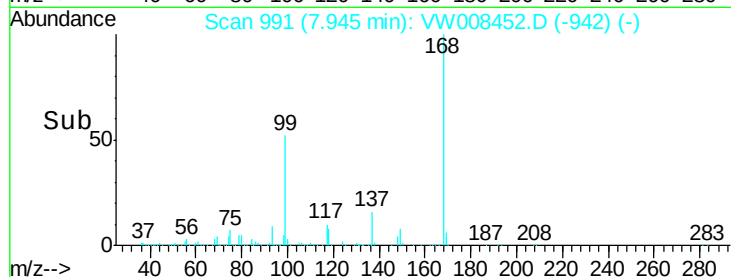
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 3.332 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008452.D

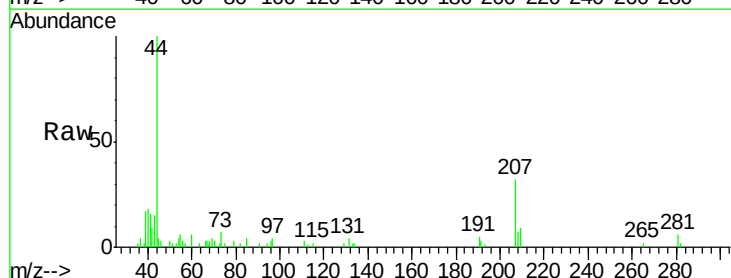
Acq: 29 Jan 2019 15:38

Tgt Ion: 85 Resp: 189

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

150

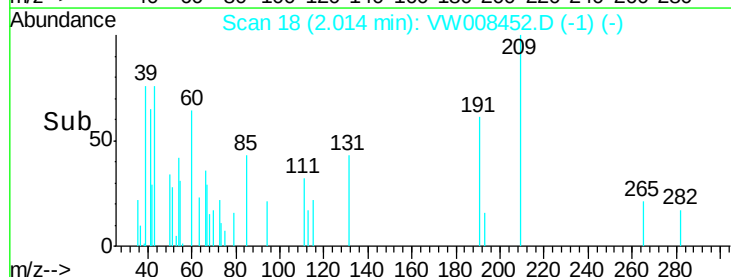
100

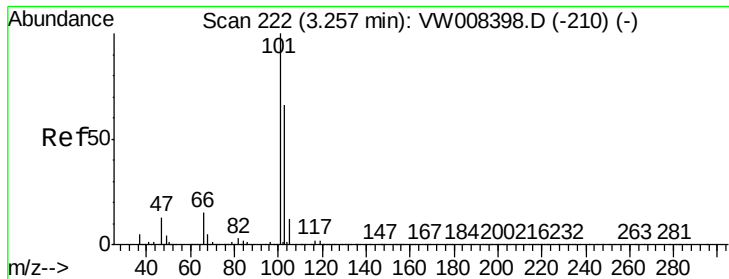
50

0

1.98 2.00 2.02

Time-->



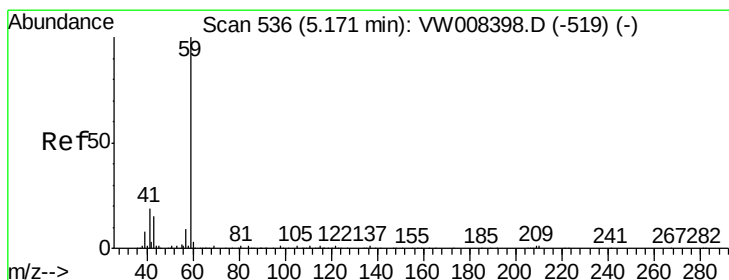
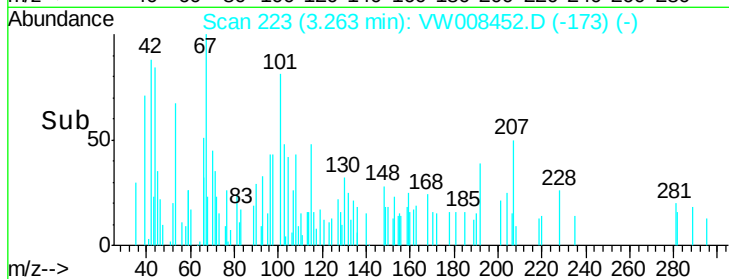
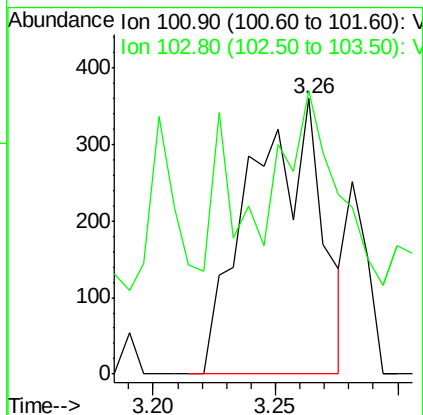
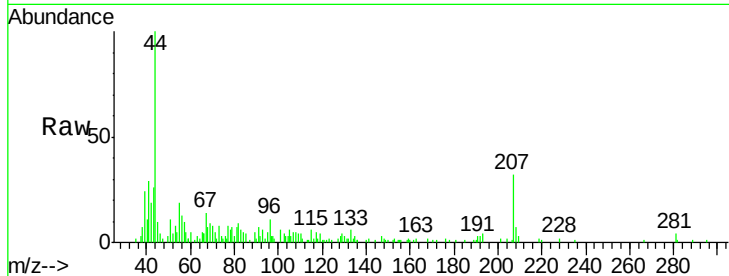


#7

Trichlorofluoromethane
 Concen: 4.916 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

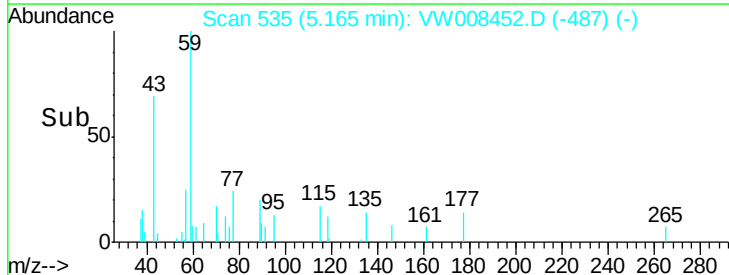
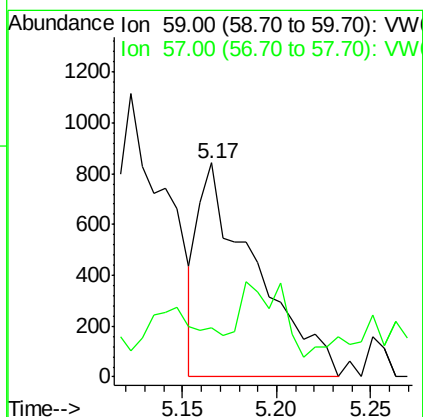
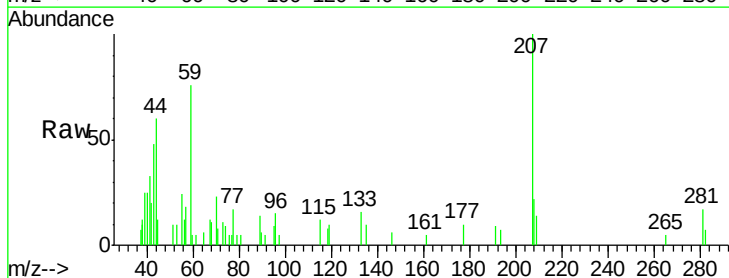
Tgt Ion: 101 Resp: 736
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.5 78.7

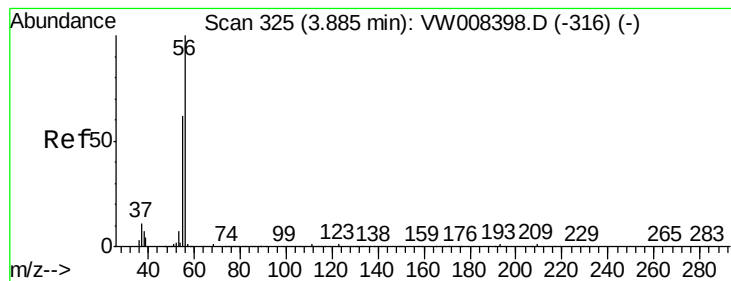


#11

Tert butyl alcohol
 Concen: 5.820 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

Tgt Ion: 59 Resp: 1777
 Ion Ratio Lower Upper
 59 100
 57 17.4 9.3 13.9#





#13

Acrolein

Concen: 5.514 ug/l

RT: 3.87 min Scan# 323

Delta R.T. -0.01 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

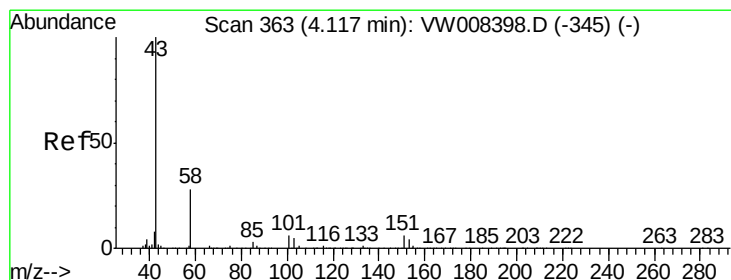
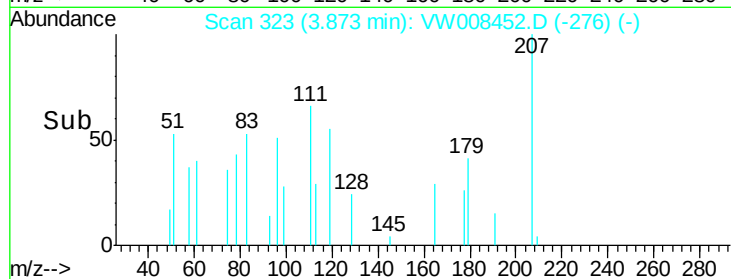
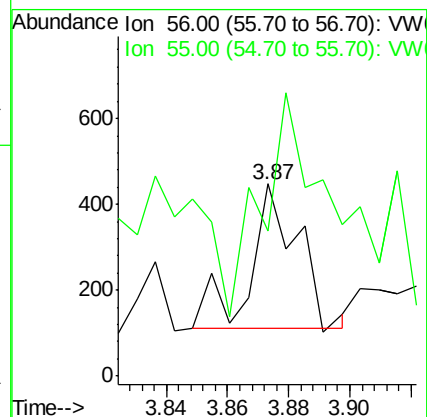
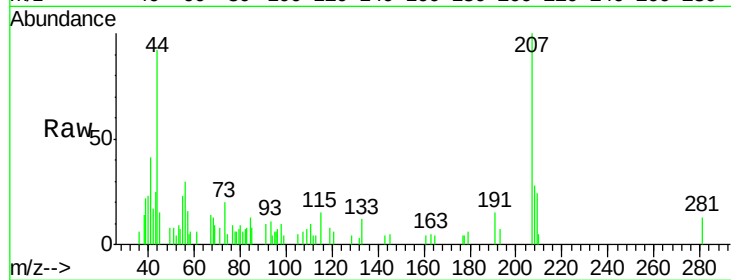
HD-01-012819

Tgt Ion: 56 Resp: 364

Ion Ratio Lower Upper

56 100

55 224.2 56.7 85.1#



#16

Acetone

Concen: 51.593 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008452.D

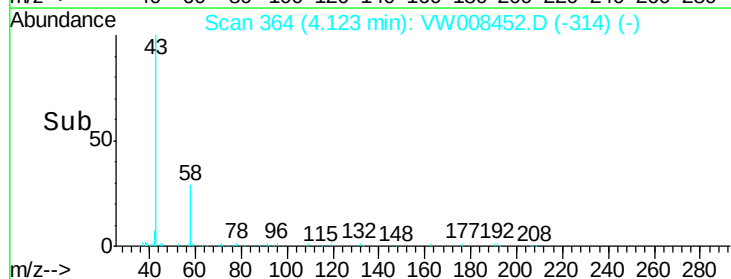
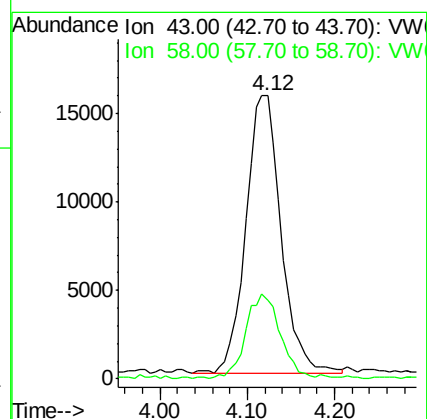
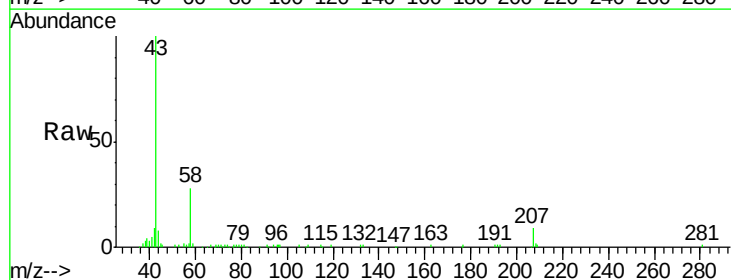
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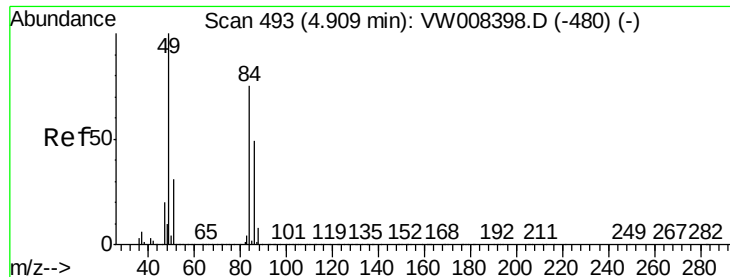
Tgt Ion: 43 Resp: 43941

Ion Ratio Lower Upper

43 100

58 28.3 22.6 34.0





#20

Methylene Chloride

Concen: 10.007 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

Tgt Ion: 84 Resp: 39283

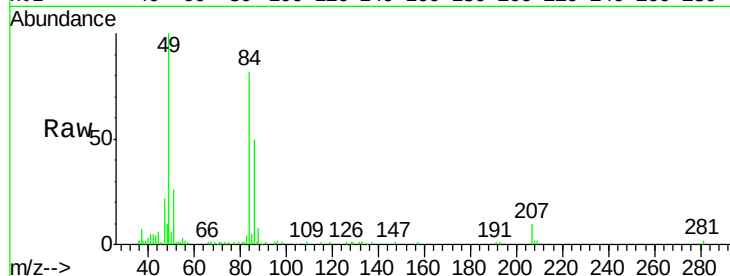
Ion Ratio Lower Upper

84 100

49 121.6 106.8 160.2

51 32.2 32.9 49.3#

86 60.4 52.2 78.2

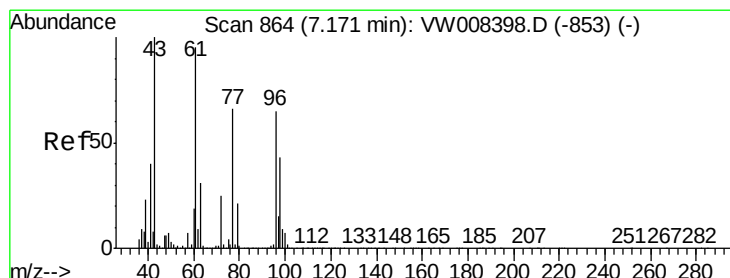
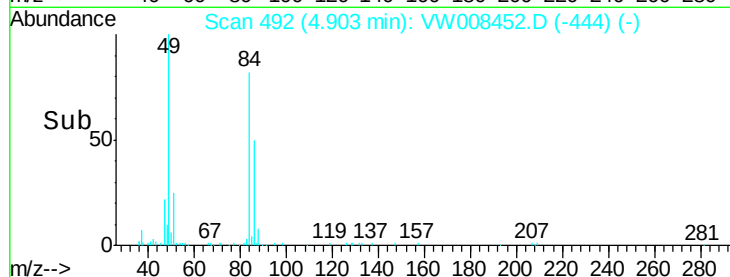
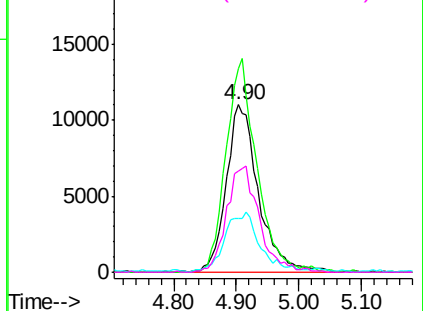


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 3.099 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW008452.D

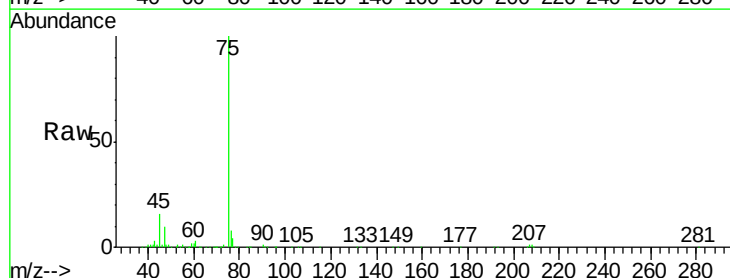
Acq: 29 Jan 2019 15:38

Tgt Ion: 43 Resp: 3666

Ion Ratio Lower Upper

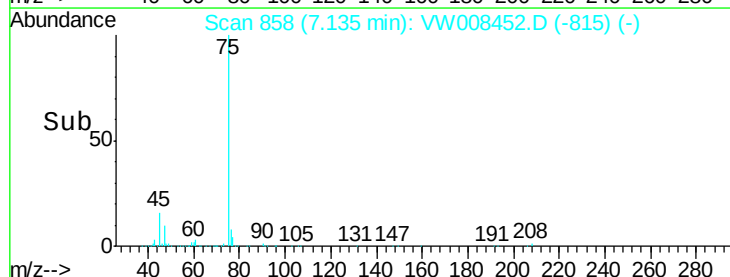
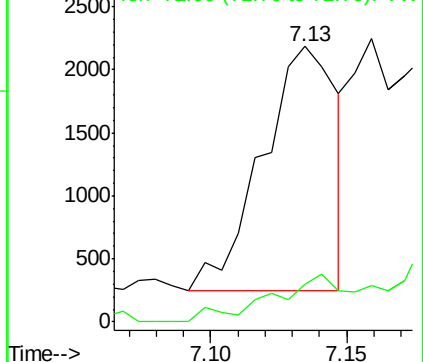
43 100

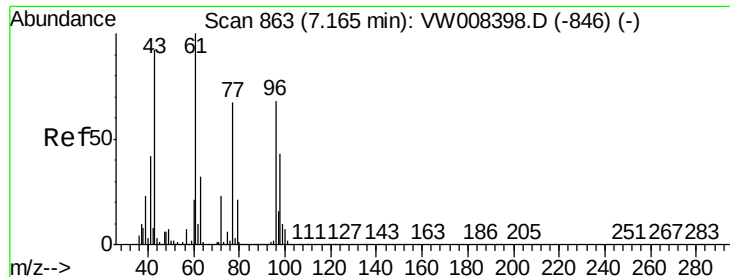
72 15.6 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

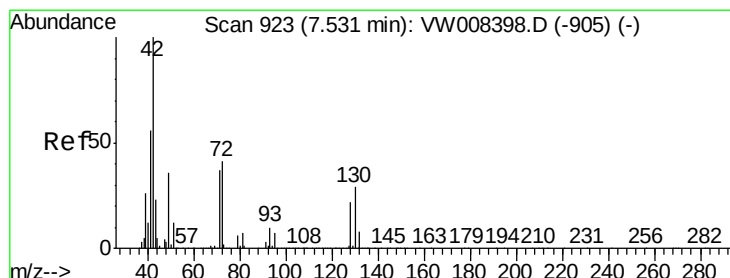
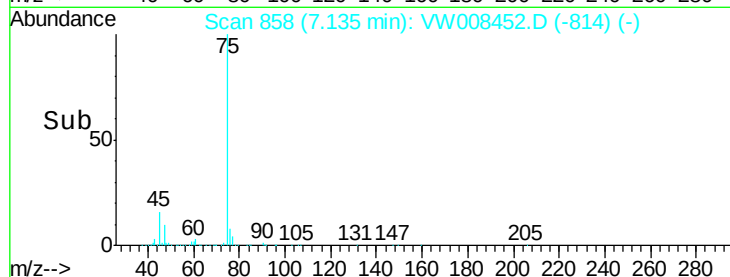
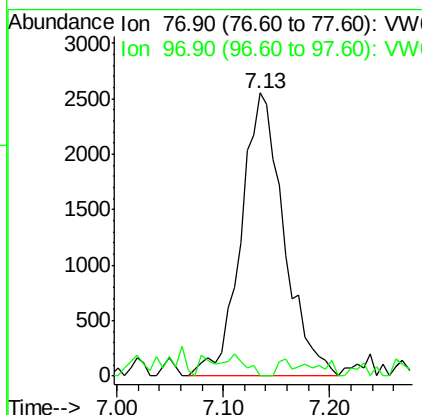
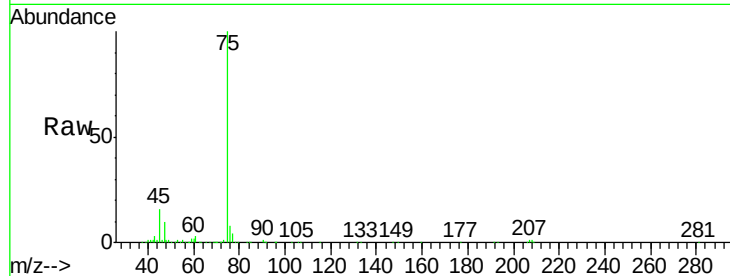




#26
 2,2-Dichloropropane
 Concen: 1.480 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

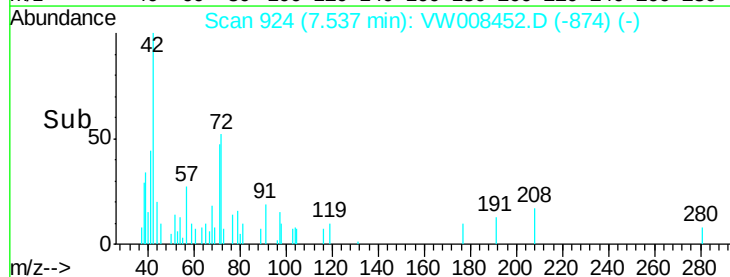
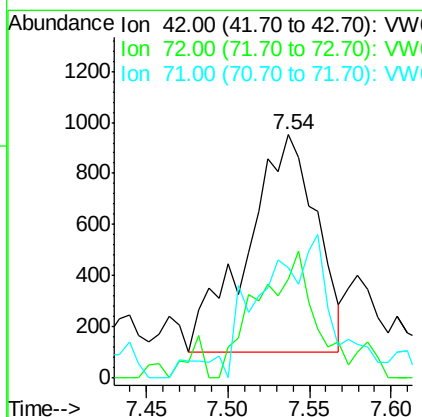
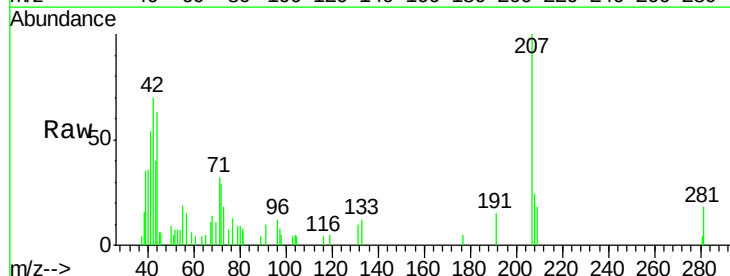
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

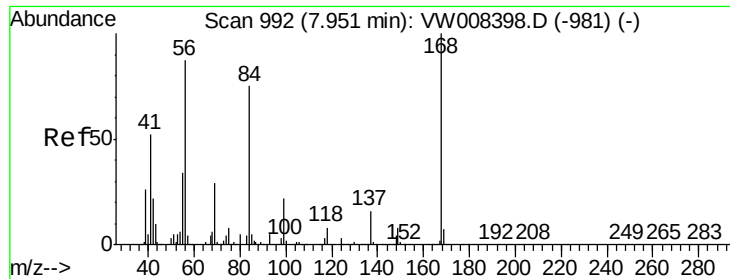
Tgt Ion: 77 Resp: 7199
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.5 34.5#



#29
 Tetrahydrofuran
 Concen: 3.363 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

Tgt Ion: 42 Resp: 2521
 Ion Ratio Lower Upper
 42 100
 72 47.6 31.9 47.9
 71 67.1 29.9 44.9#

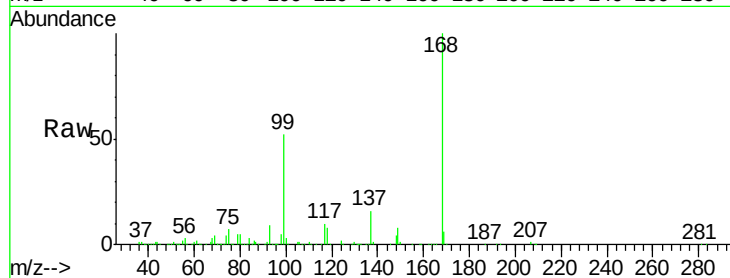




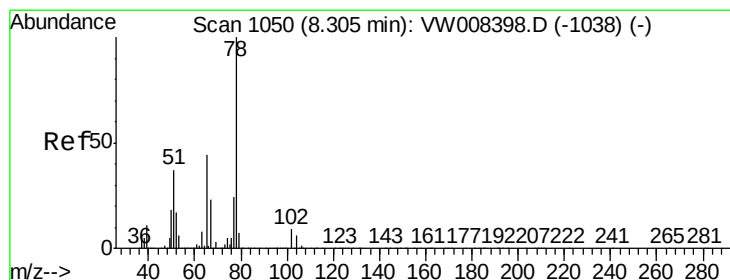
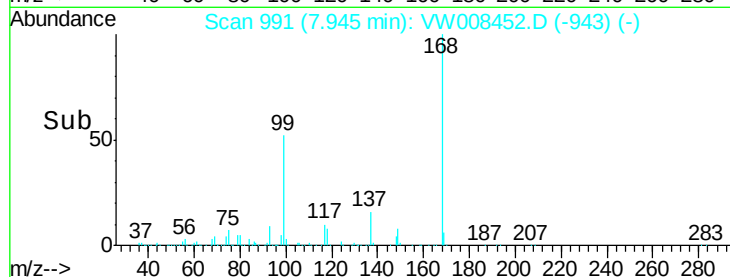
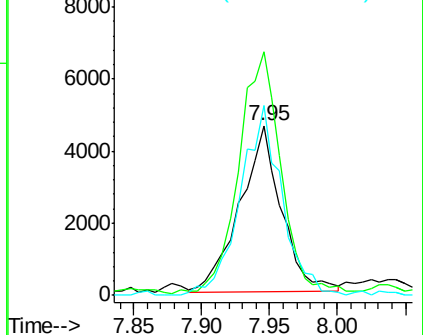
#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

Tgt Ion: 56 Resp: 9751
Ion Ratio Lower Upper
56 100
69 145.7 26.4 39.6#
84 114.3 69.1 103.7#

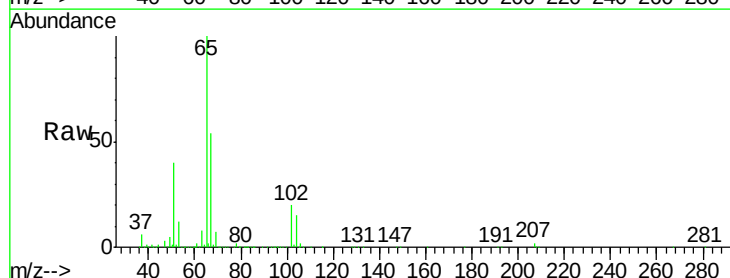


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

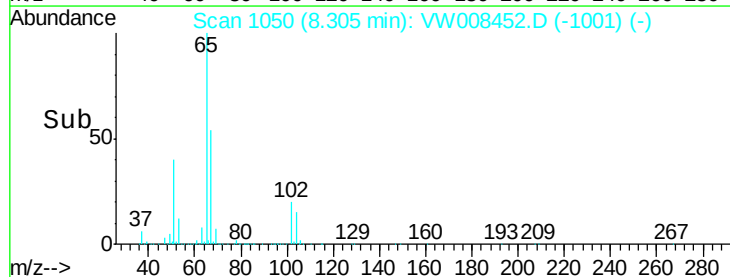
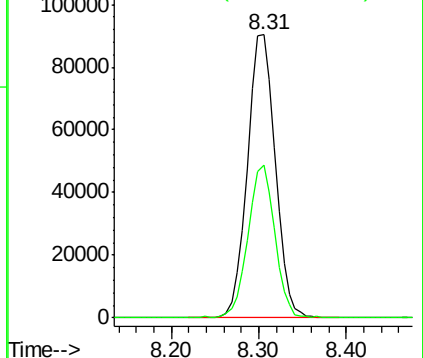


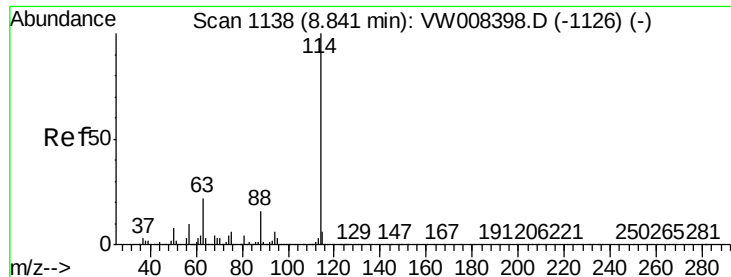
#33
1,2-Dichloroethane-d4
Concen: 52.768 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion: 65 Resp: 200130
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

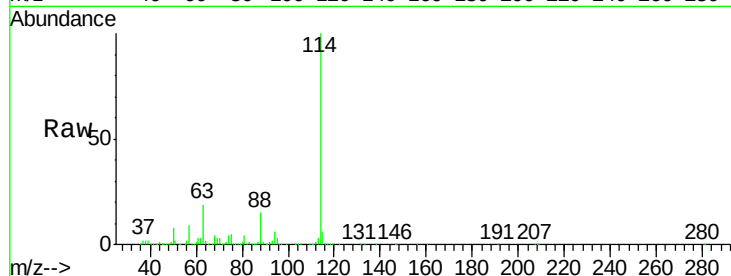
Tgt Ion:114 Resp: 632139

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.6

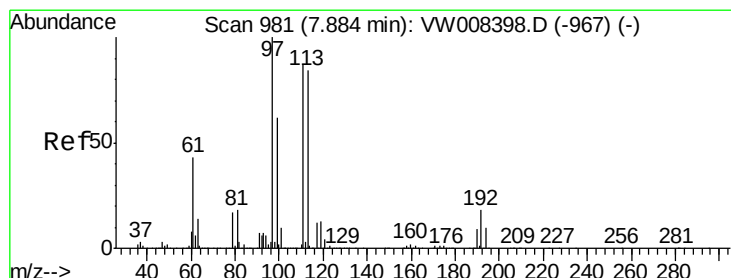
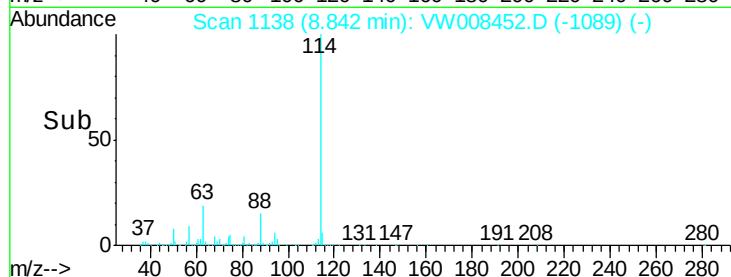
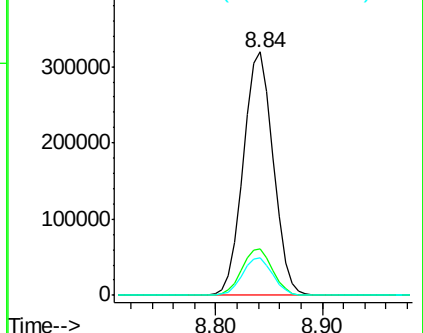
88 15.2 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.534 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

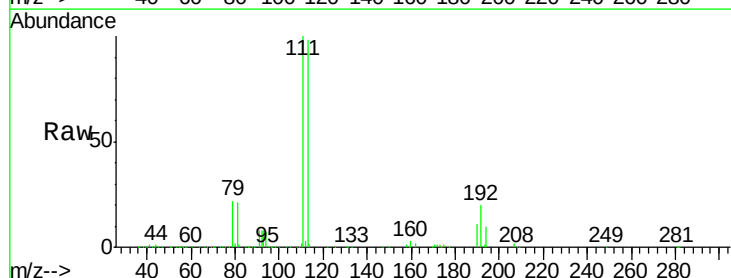
Tgt Ion:113 Resp: 197878

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.4

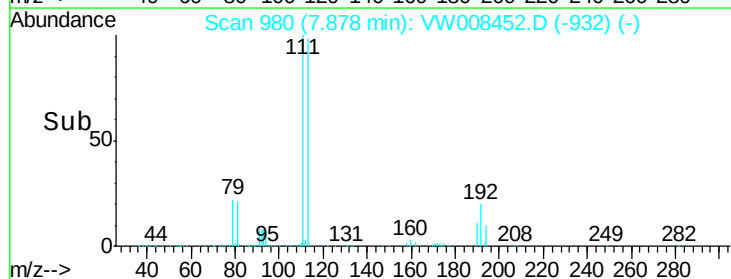
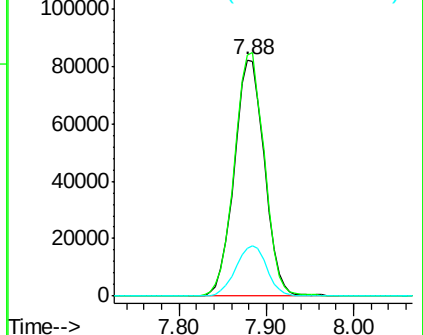
192 21.9 16.8 25.2

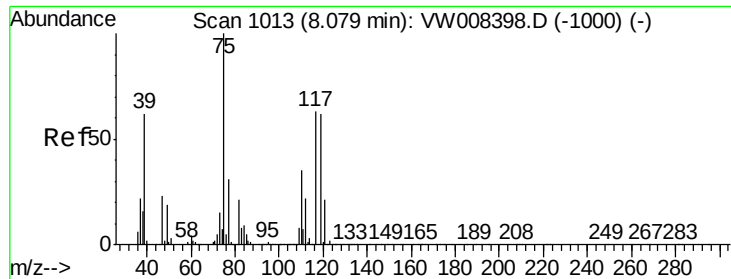


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

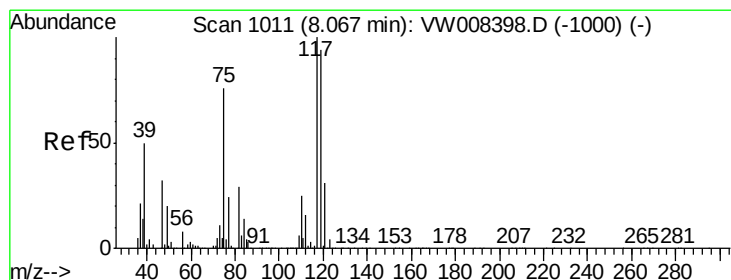
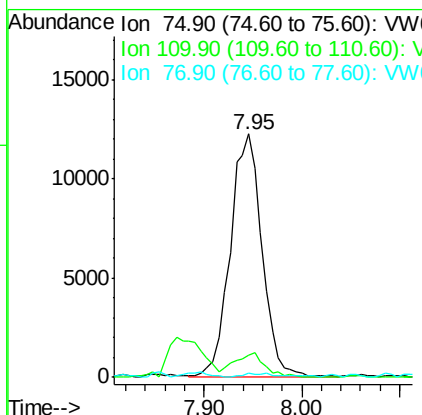
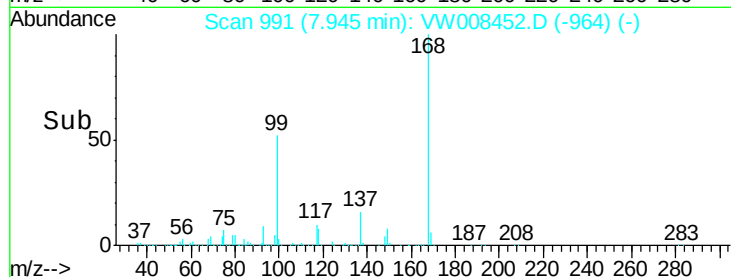
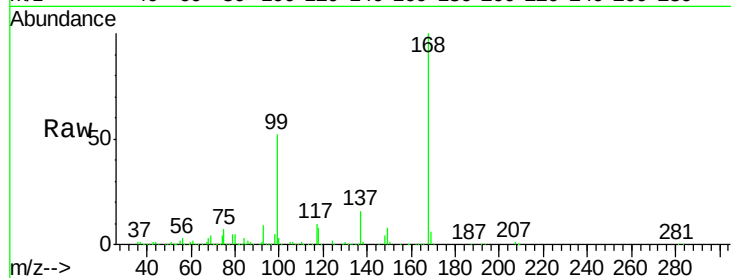




#36
 1,1-Dichloropropene
 Concen: 4.638 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

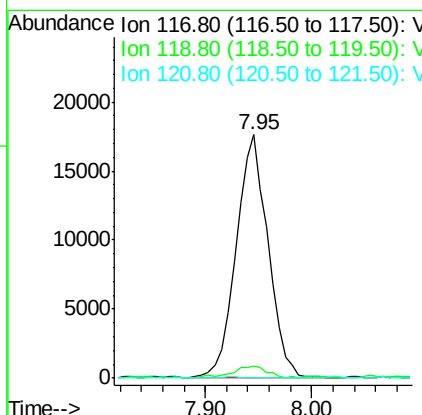
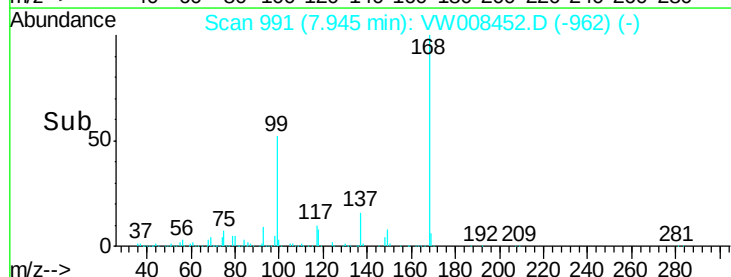
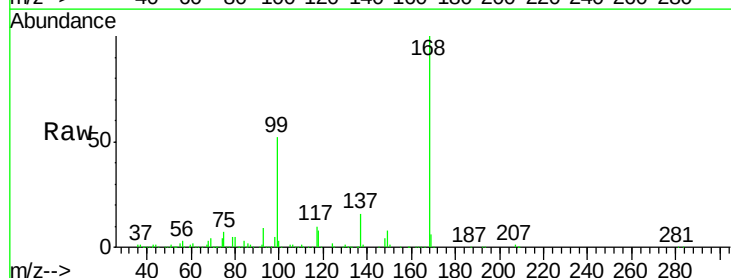
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

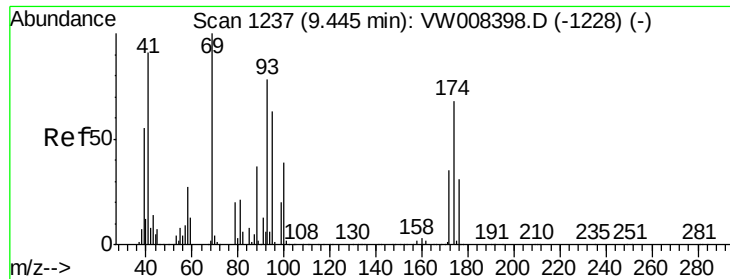
Tgt Ion: 75 Resp: 27697
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.3 52.0#
 77 1.4 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.192 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

Tgt Ion: 117 Resp: 37209
 Ion Ratio Lower Upper
 117 100
 119 4.7 75.0 112.4#
 121 0.0 24.9 37.3#

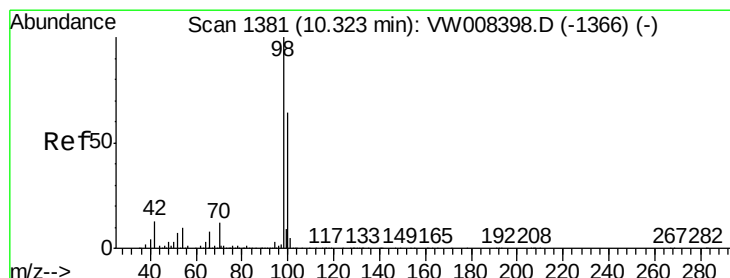
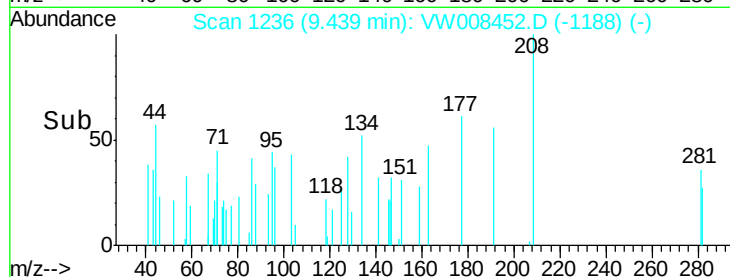
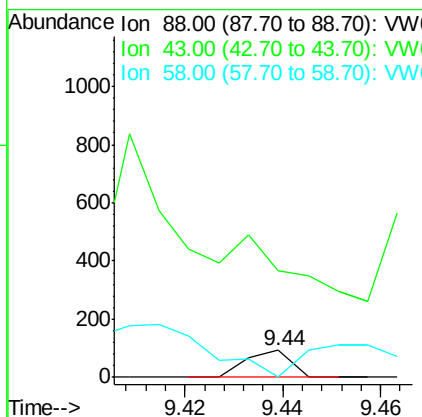
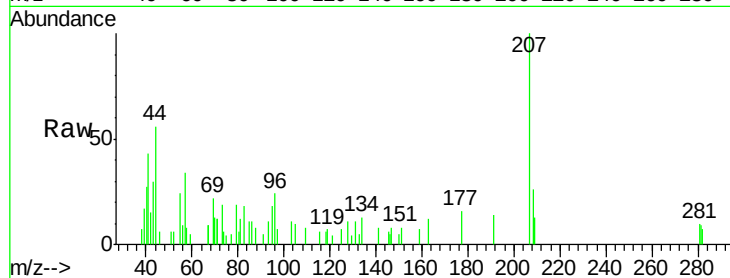




#49
1,4-Dioxane
Concen: 1.643 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

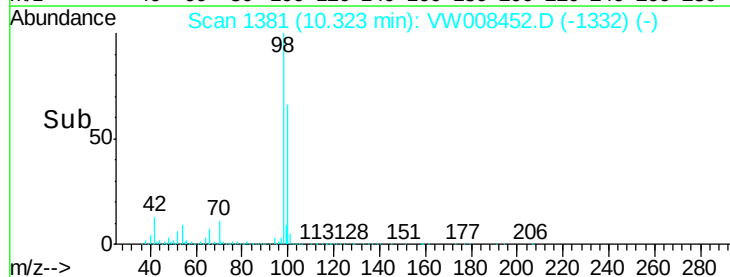
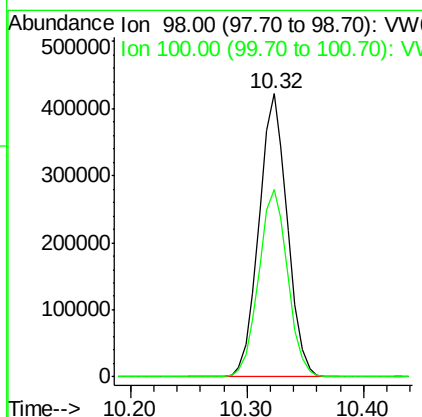
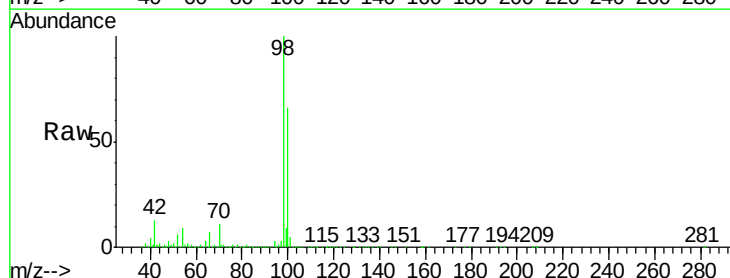
Instrument :
MSVOA_W
ClientSampled :
HD-01-012819

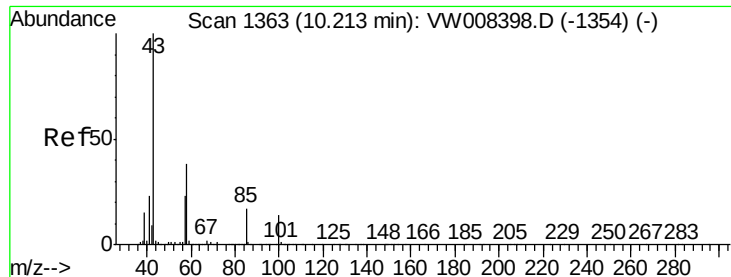
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 0.0 56.4 84.6#



#50
Toluene-d8
Concen: 48.245 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion: 98 Resp: 715111
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8

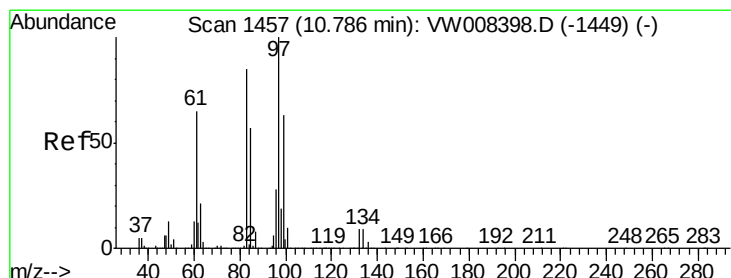
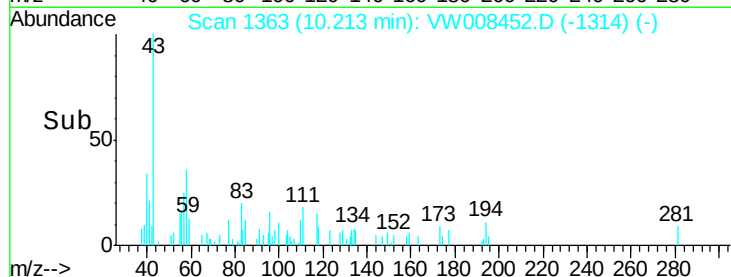
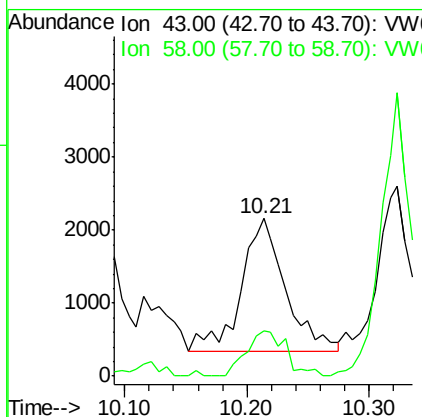
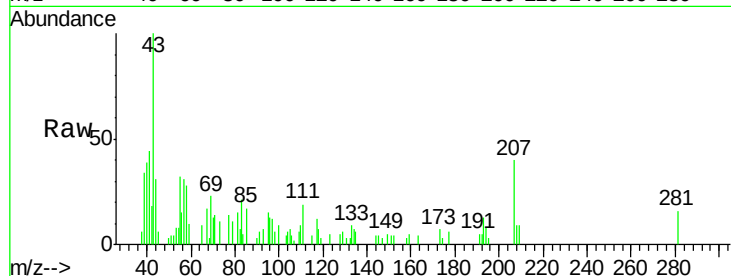




#51
4-Methyl-2-Pentanone
Concen: 1.714 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

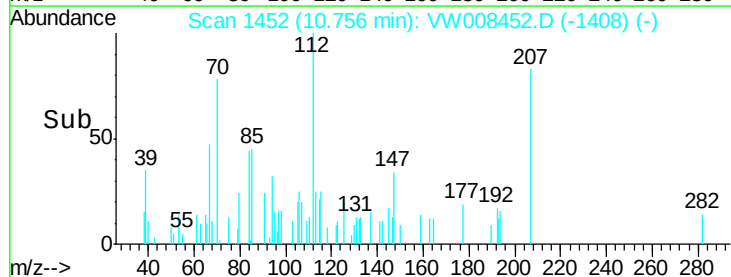
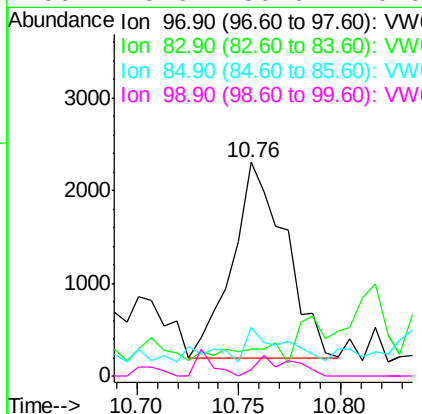
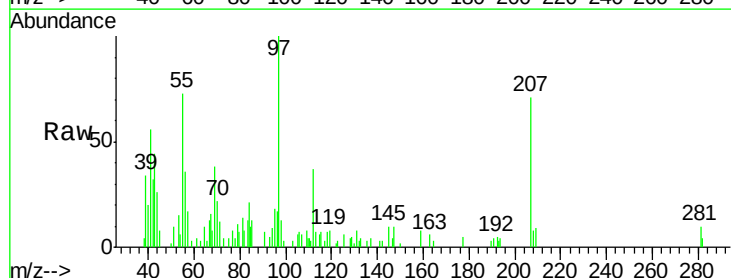
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

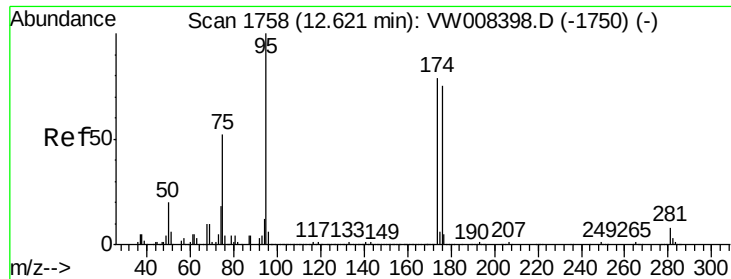
Tgt Ion: 43 Resp: 4648
Ion Ratio Lower Upper
43 100
58 29.8 29.7 44.5



#55
1,1,2-Trichloroethane
Concen: 1.294 ug/l
RT: 10.76 min Scan# 1452
Delta R.T. -0.03 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion: 97 Resp: 3813
Ion Ratio Lower Upper
97 100
83 6.1 68.4 102.6#
85 11.2 45.3 67.9#
99 3.6 50.6 76.0#

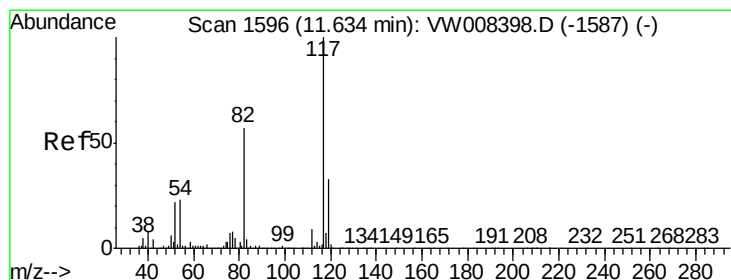
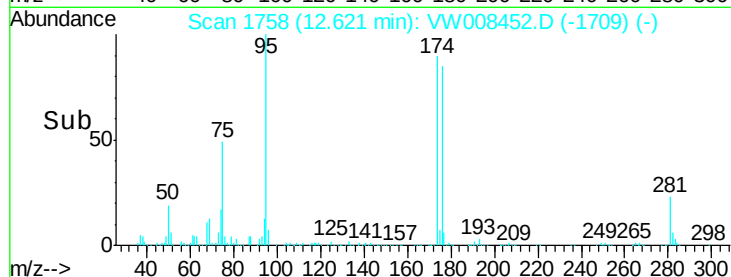
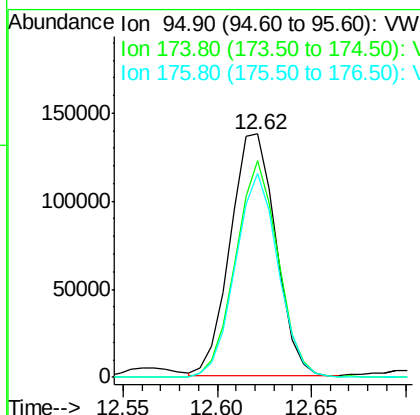
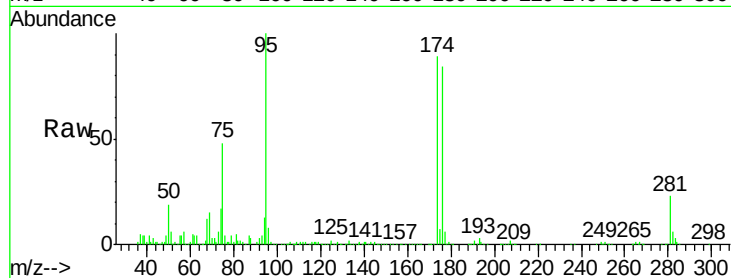




#62
4-Bromofluorobenzene
Concen: 40.223 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

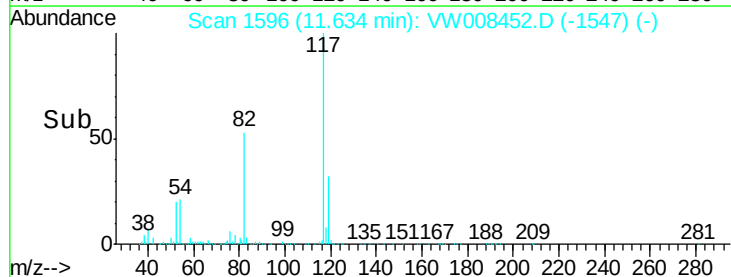
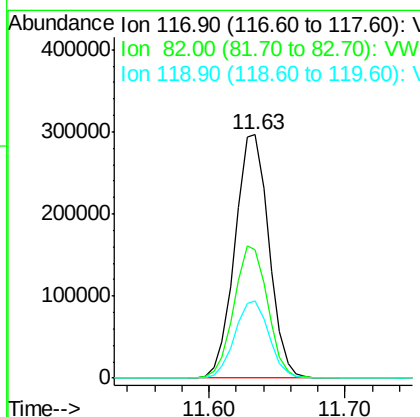
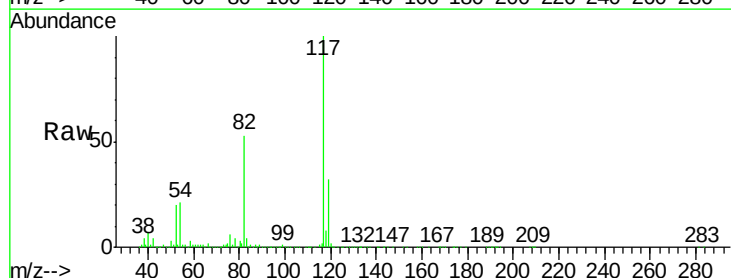
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

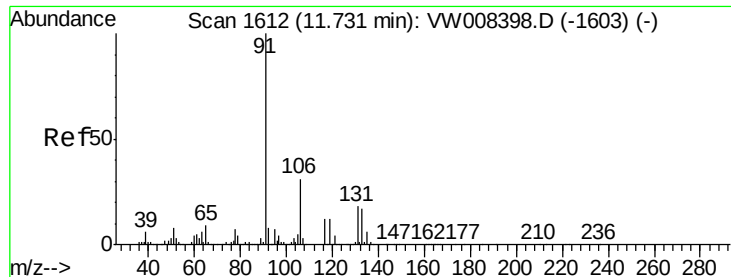
Tgt Ion: 95 Resp: 229172
Ion Ratio Lower Upper
95 100
174 84.1 0.0 157.6
176 79.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion: 117 Resp: 515928
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.0
119 31.6 26.2 39.4

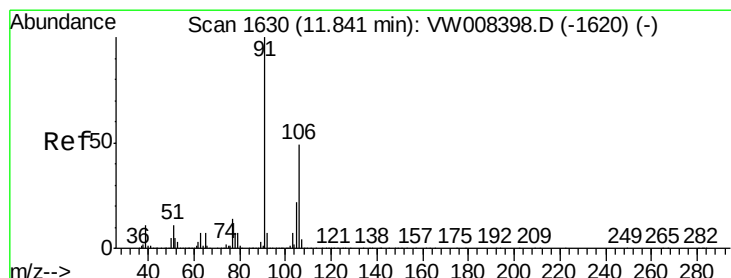
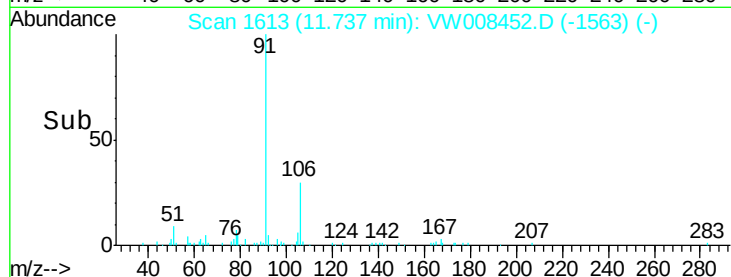
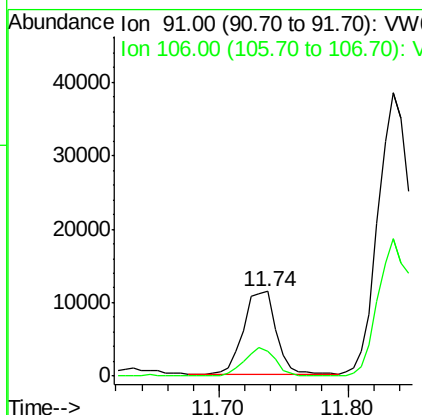
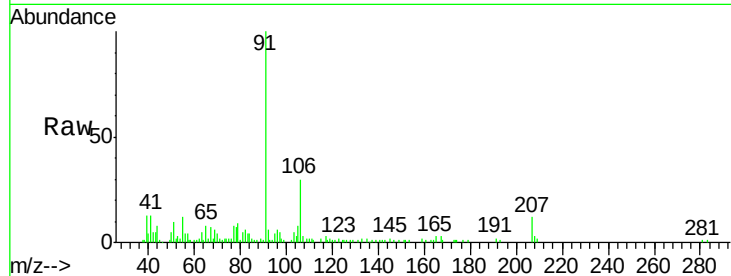




#67
Ethyl Benzene
Concen: 1.045 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

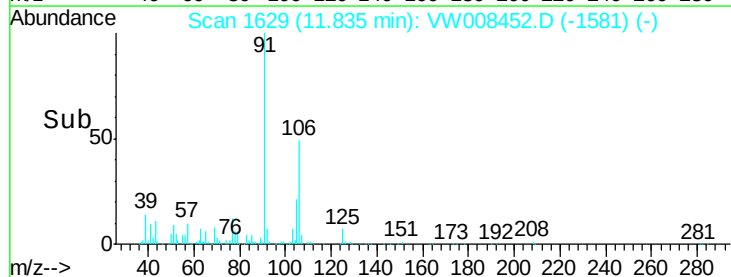
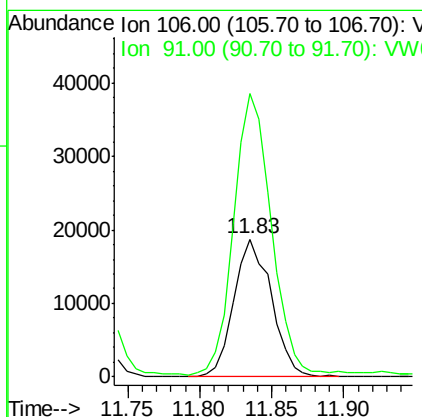
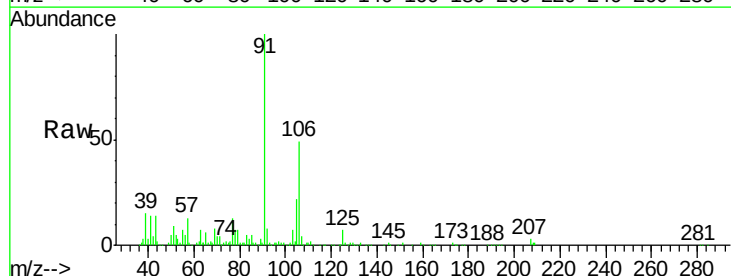
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

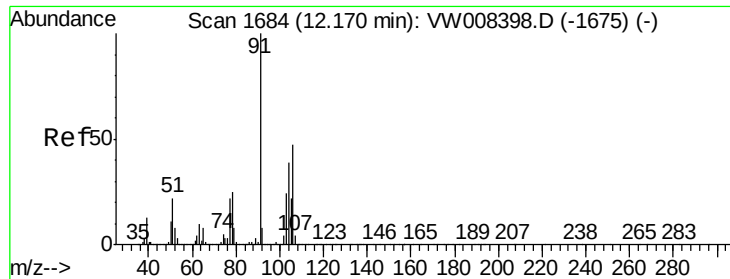
Tgt Ion: 91 Resp: 20225
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



#68
m/p-Xylenes
Concen: 4.491 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion: 106 Resp: 33737
Ion Ratio Lower Upper
106 100
91 206.3 162.9 244.3

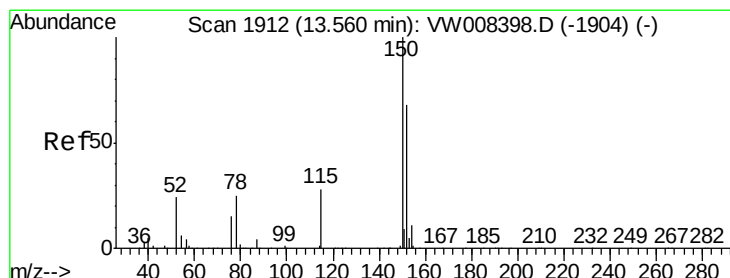
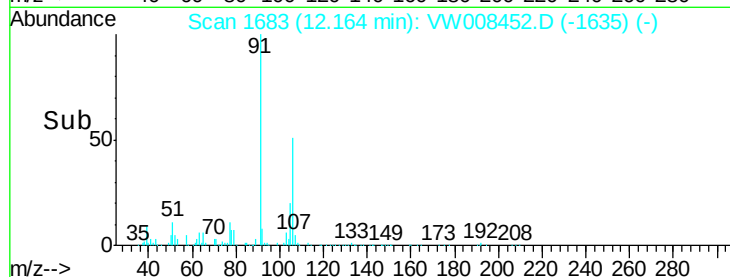
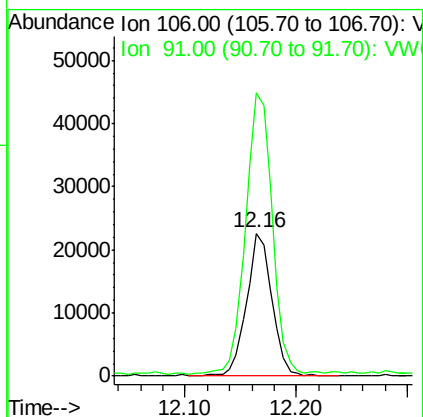
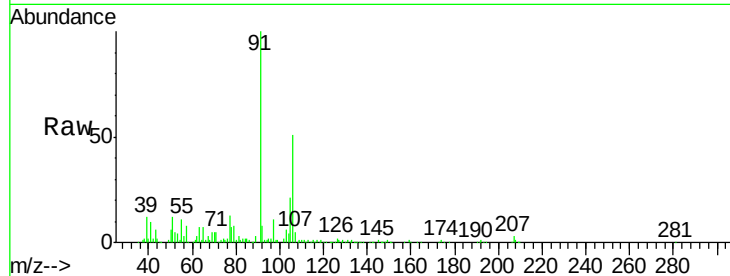




#69
o-Xylene
Concen: 4.970 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

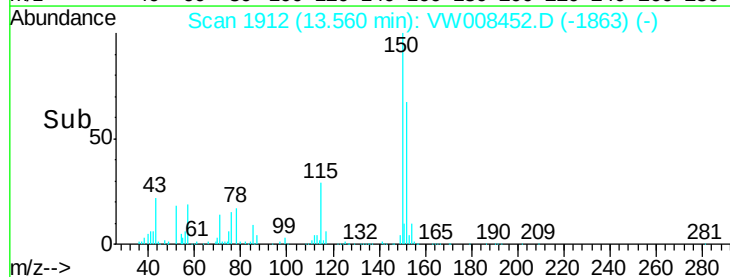
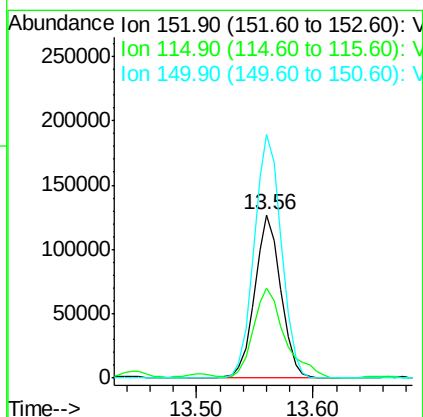
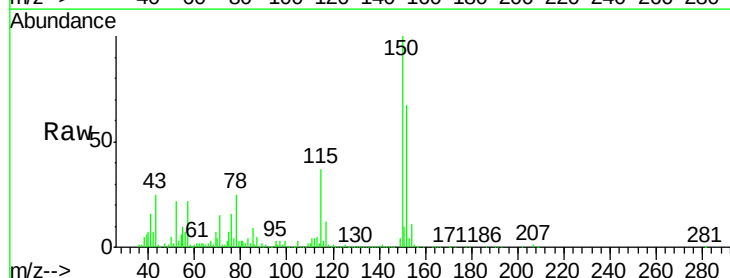
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

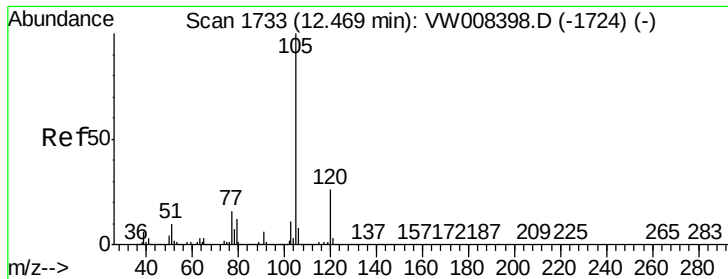
Tgt Ion:106 Resp: 35473
Ion Ratio Lower Upper
106 100
91 208.3 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion:152 Resp: 197050
Ion Ratio Lower Upper
152 100
115 65.3 29.9 89.7
150 155.6 0.0 351.4





#73

Isopropylbenzene

Concen: 1.437 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

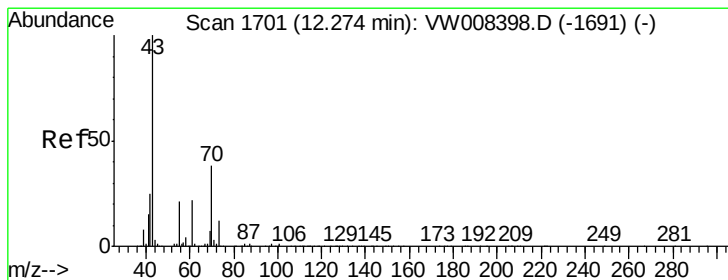
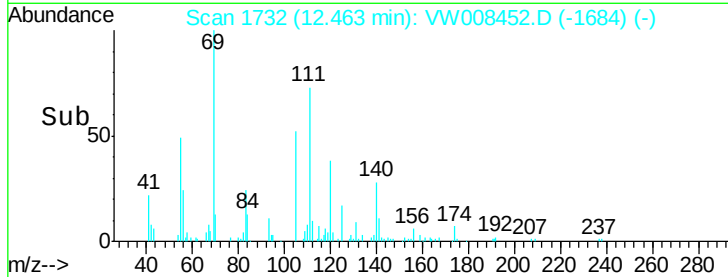
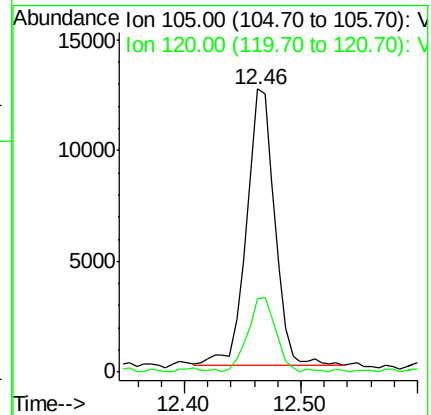
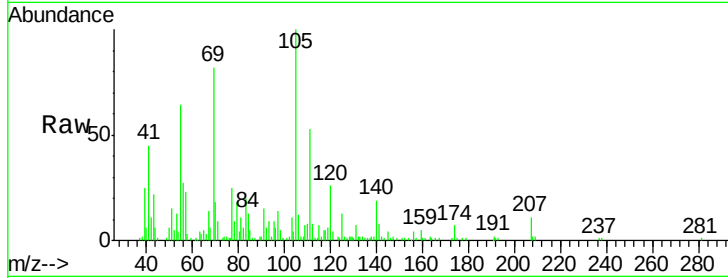
HD-01-012819

Tgt Ion: 105 Resp: 21112

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.8



#74

N-ethyl acetate

Concen: 4.450 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Tgt Ion: 43 Resp: 16842

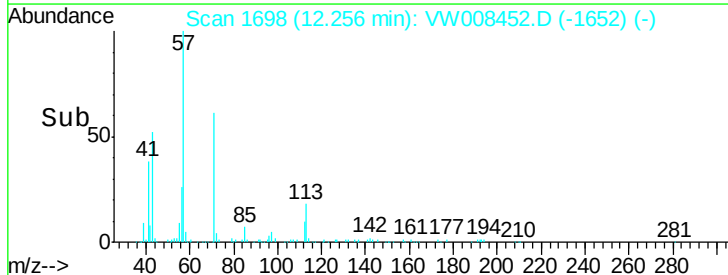
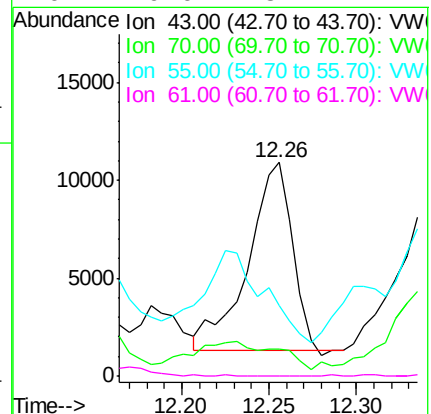
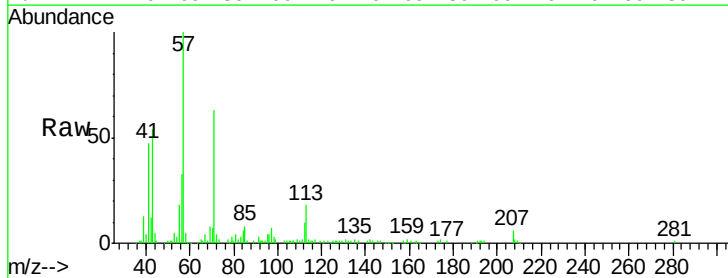
Ion Ratio Lower Upper

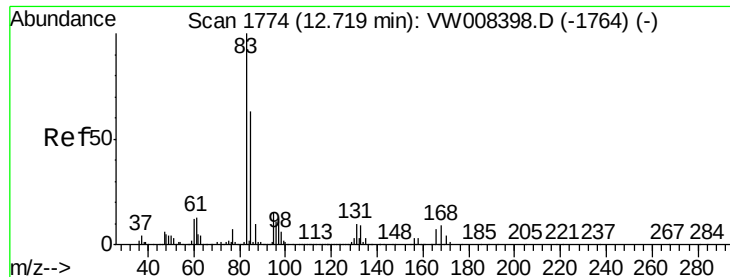
43 100

70 0.0 31.0 46.6#

55 0.0 17.4 26.2#

61 0.0 18.2 27.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.404 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

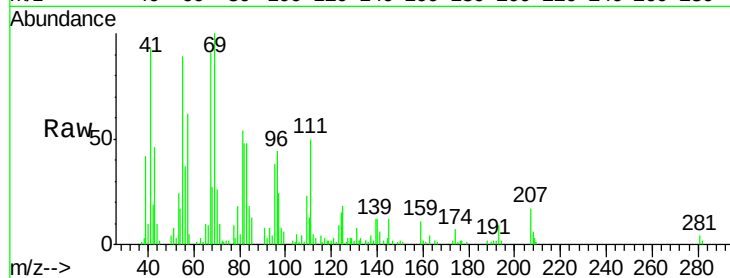
Tgt Ion: 83 Resp: 3266

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.4

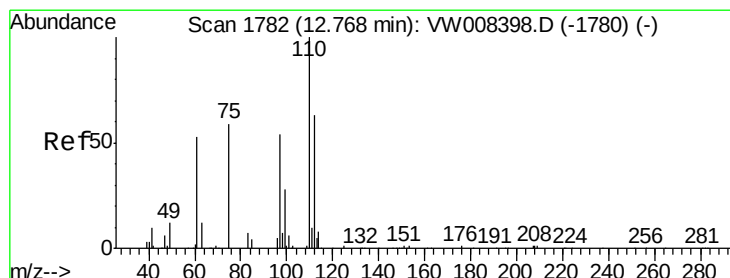
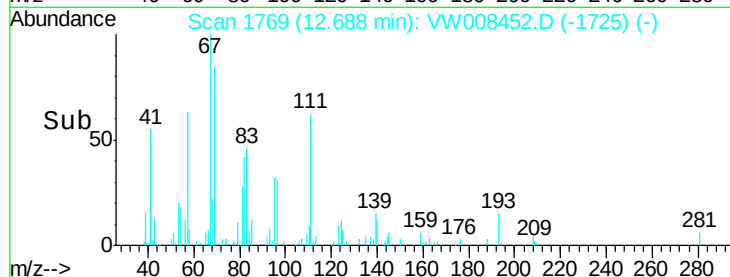
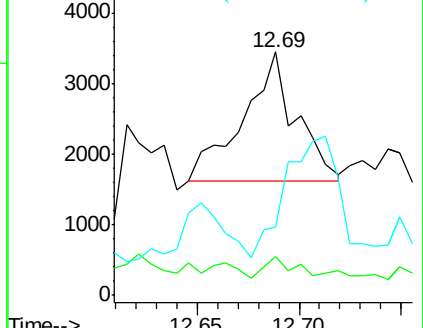
85 0.0 31.9 95.5#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 2.262 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.10 min

Lab File: VW008452.D

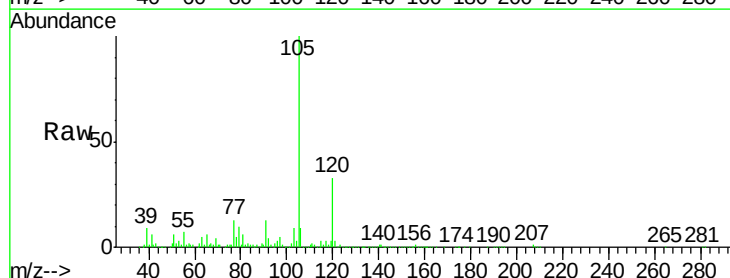
Acq: 29 Jan 2019 15:38

Tgt Ion: 75 Resp: 3875

Ion Ratio Lower Upper

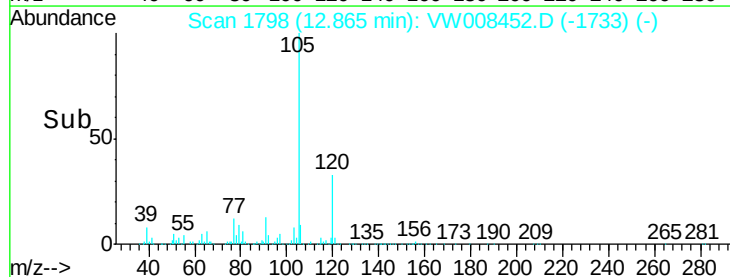
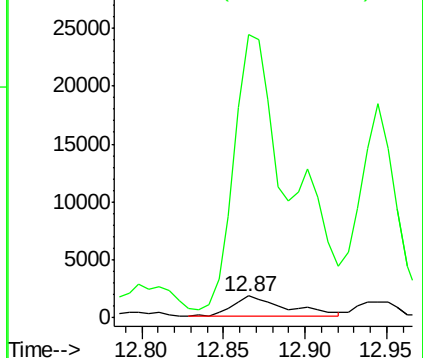
75 100

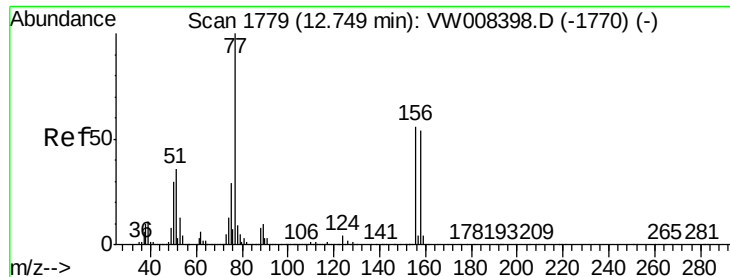
77 1076.5 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 1.694 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.12 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

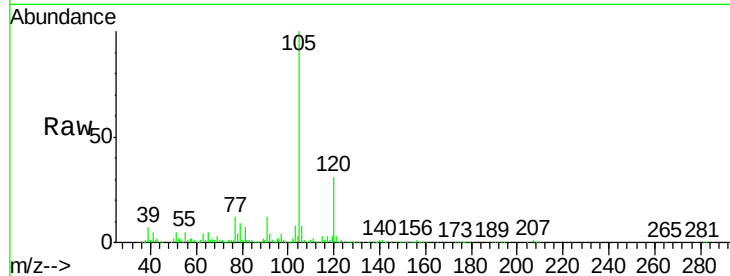
Tgt Ion: 156 Resp: 5434

Ion Ratio Lower Upper

156 100

77 767.6 96.9 290.7#

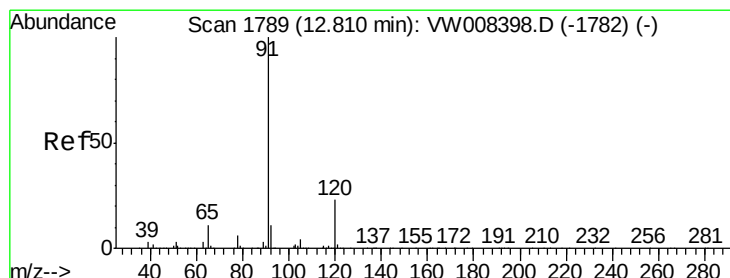
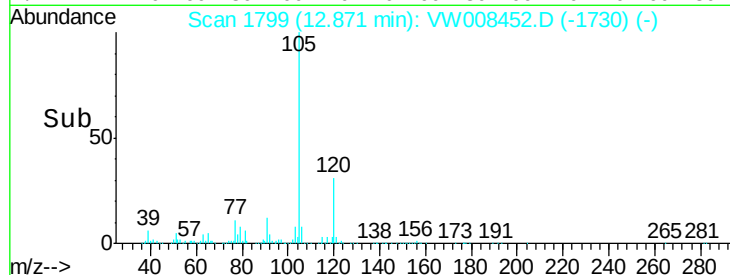
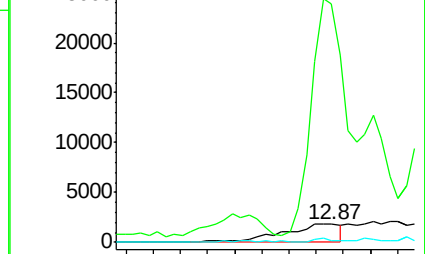
158 5.3 48.8 146.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.671 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008452.D

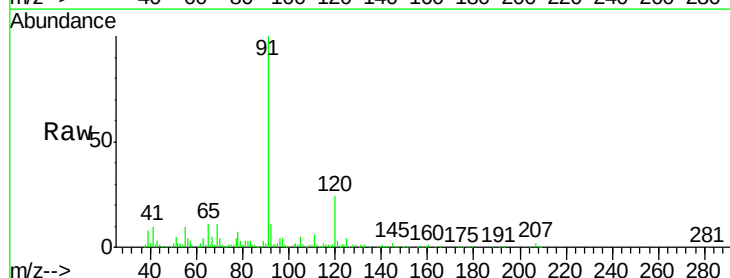
Acq: 29 Jan 2019 15:38

Tgt Ion: 91 Resp: 100053

Ion Ratio Lower Upper

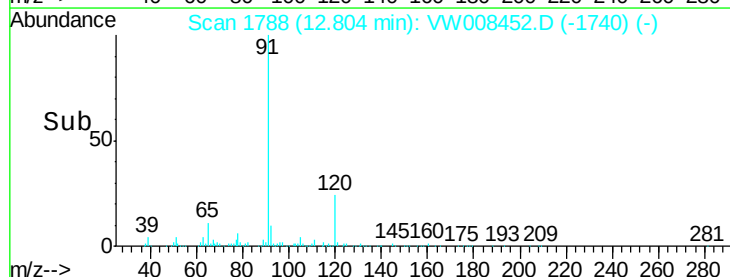
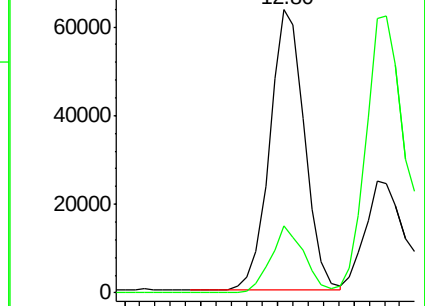
91 100

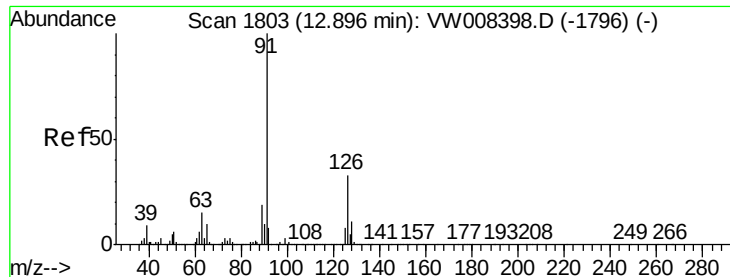
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

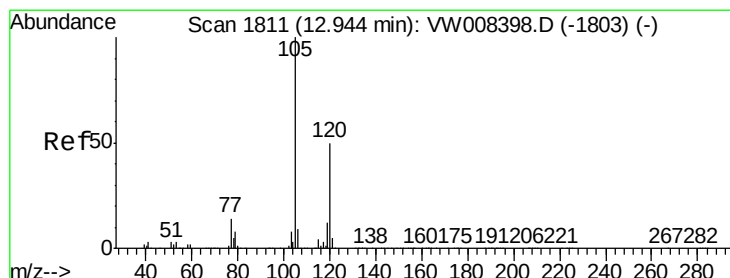
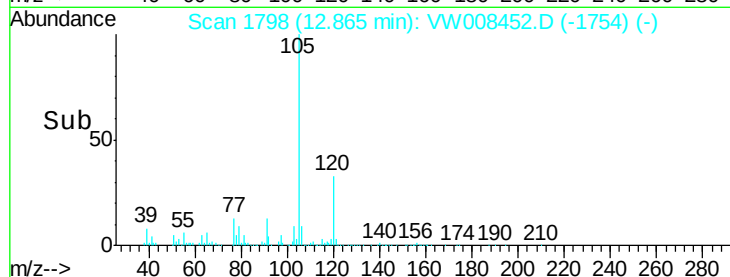
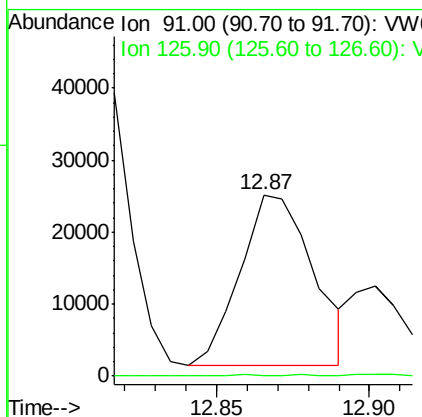
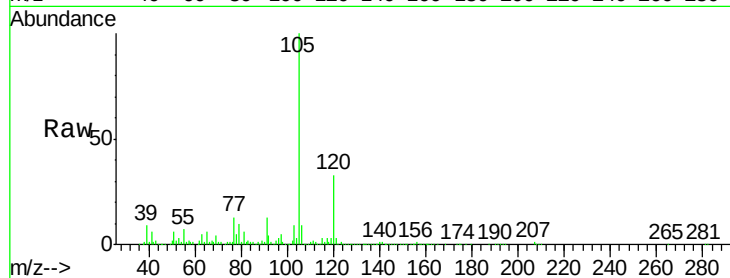




#79
2-Chlorotoluene
Concen: 3.939 ug/l
RT: 12.87 min Scan# 1798
Delta R.T. -0.03 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

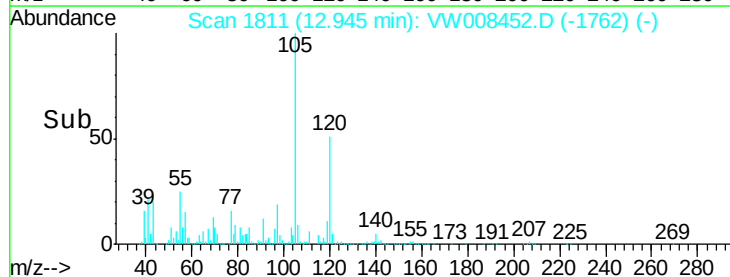
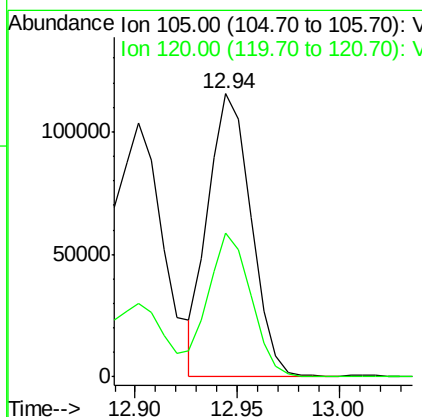
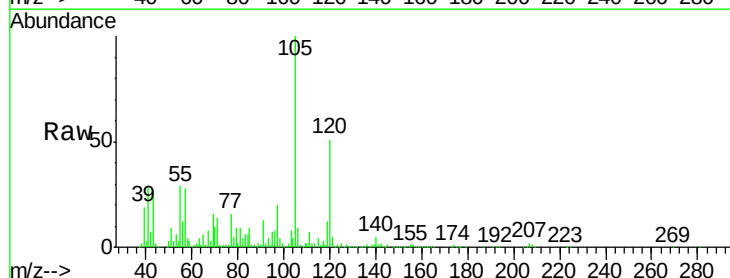
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

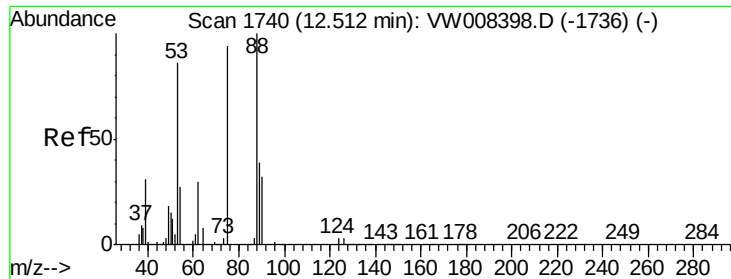
Tgt Ion: 91 Resp: 39222
Ion Ratio Lower Upper
91 100
126 1.1 16.5 49.5#



#80
1,3,5-Trimethylbenzene
Concen: 13.648 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion: 105 Resp: 167584
Ion Ratio Lower Upper
105 100
120 52.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 129.748 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

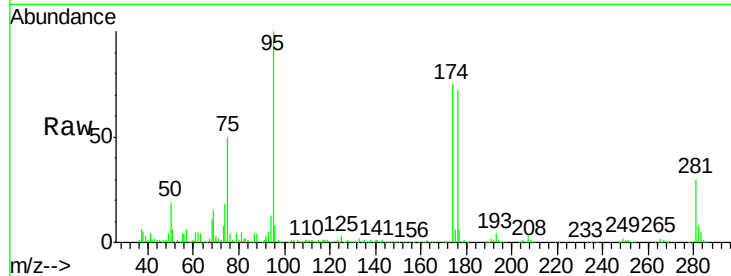
Tgt Ion: 75 Resp: 112545

Ion Ratio Lower Upper

75 100

53 0.7 76.0 114.0#

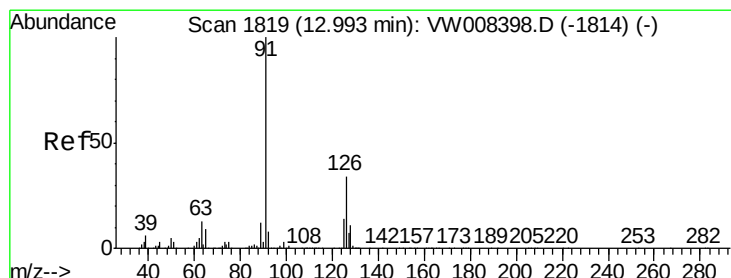
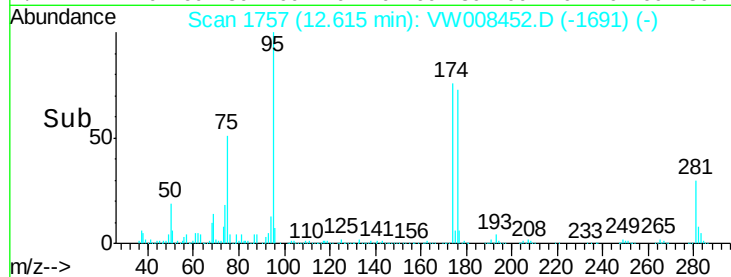
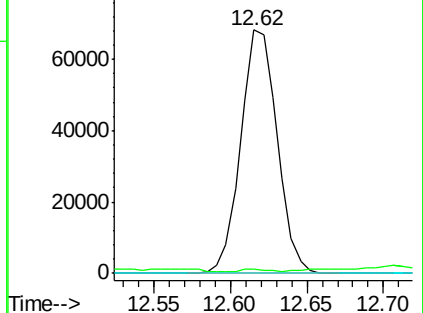
89 0.1 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 2.004 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008452.D

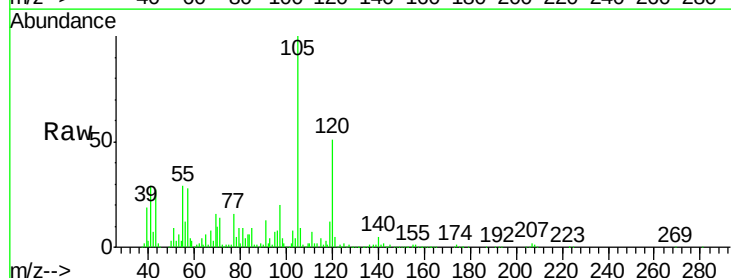
Acq: 29 Jan 2019 15:38

Tgt Ion: 91 Resp: 21247

Ion Ratio Lower Upper

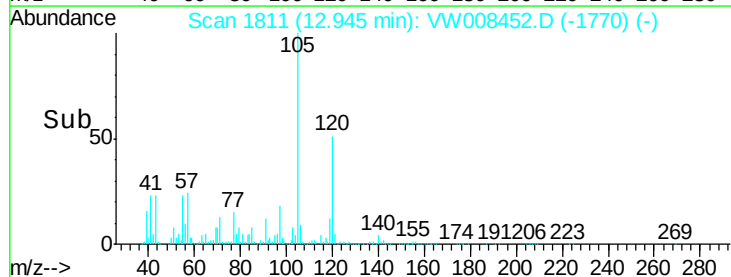
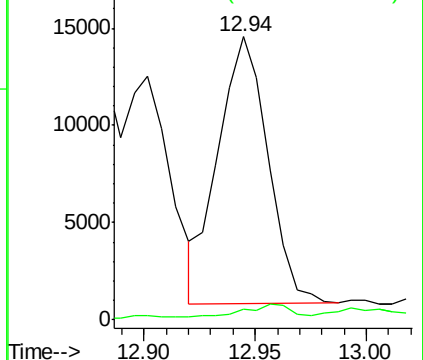
91 100

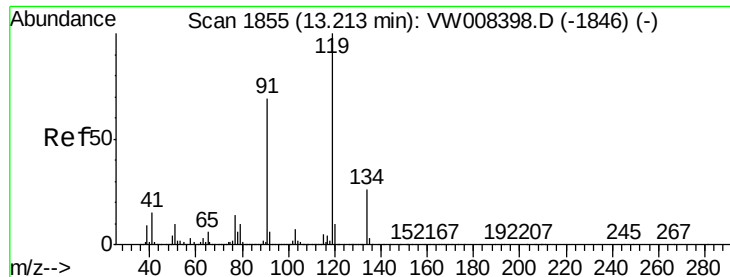
126 6.0 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

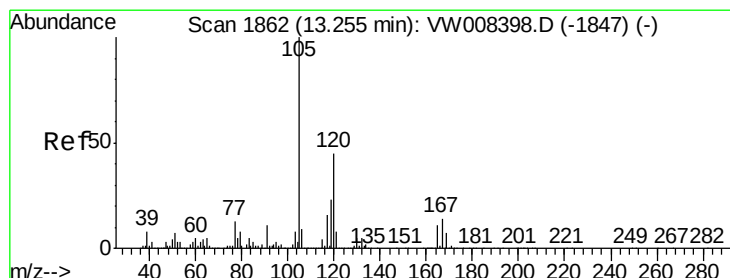
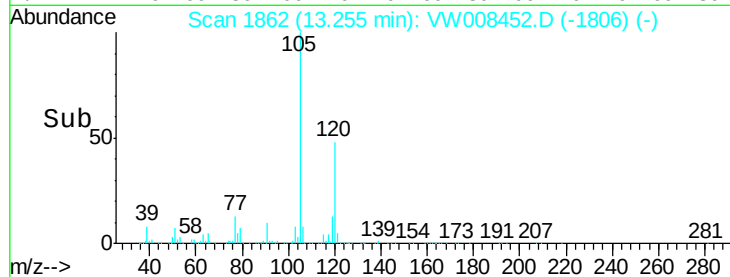
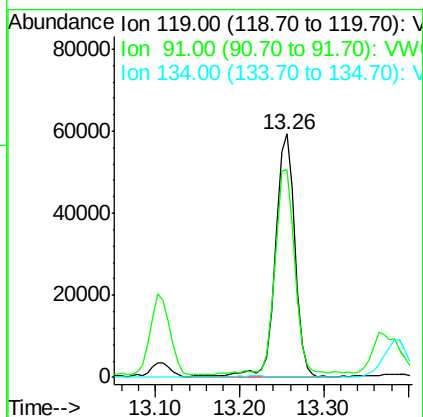
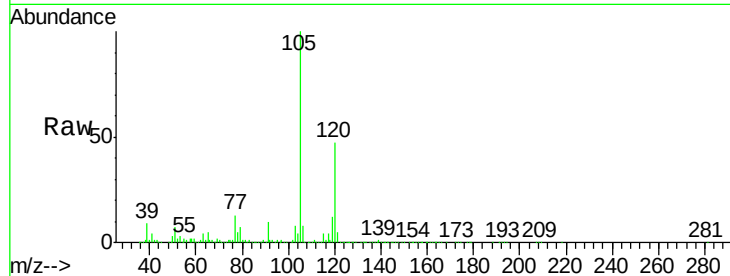




#83
 tert-Butylbenzene
 Concen: 8.597 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.04 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

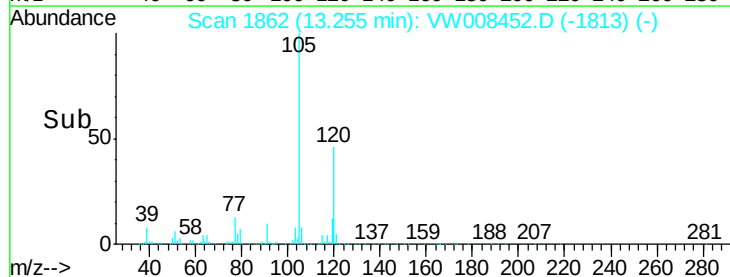
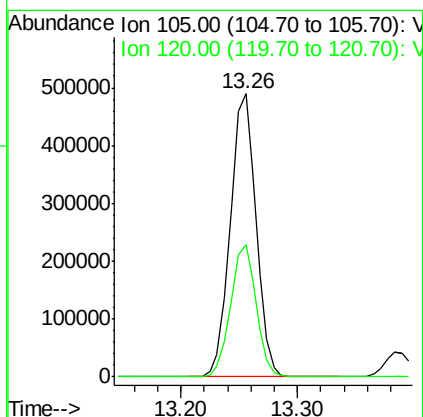
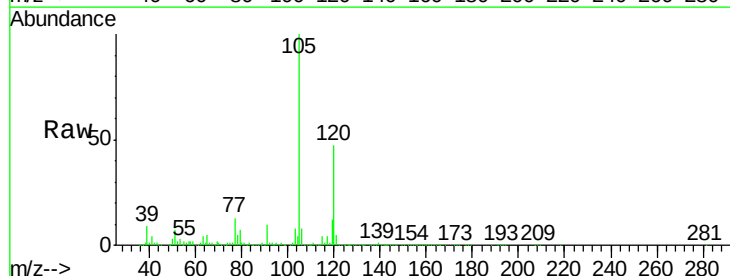
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

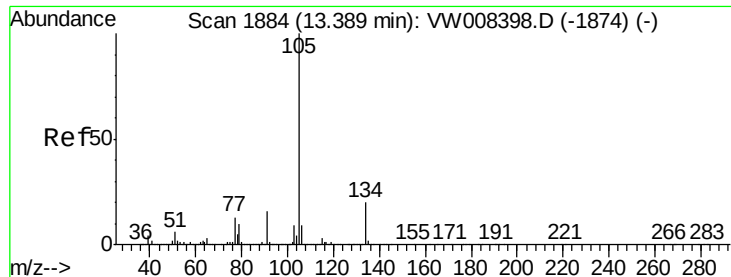
Tgt Ion:119 Resp: 93940
 Ion Ratio Lower Upper
 119 100
 91 88.1 33.8 101.4
 134 0.0 13.5 40.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 60.302 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

Tgt Ion:105 Resp: 752596
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 4.369 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

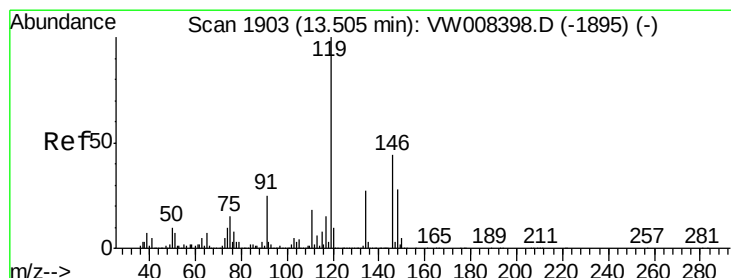
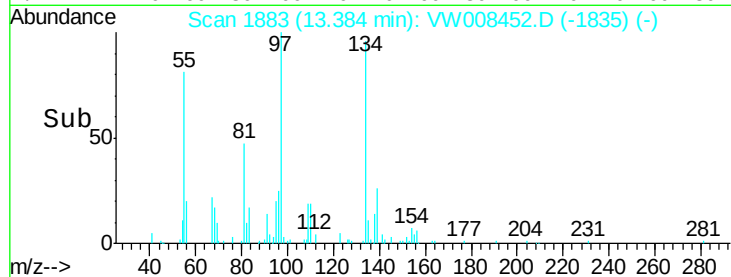
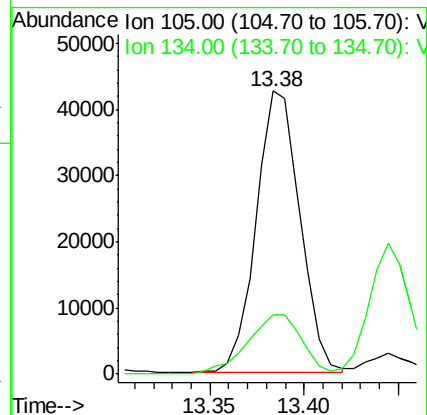
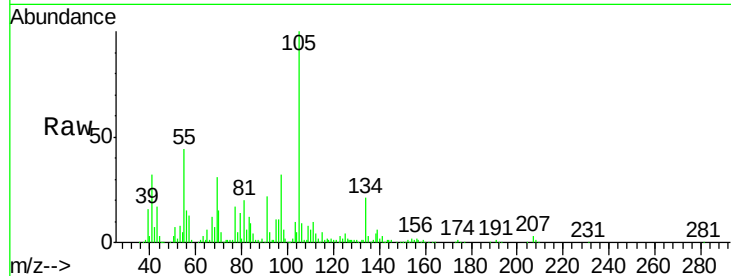
HD-01-012819

Tgt Ion:105 Resp: 68170

Ion Ratio Lower Upper

105 100

134 26.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 3.977 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

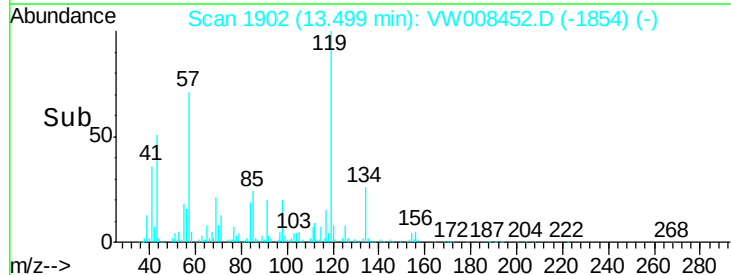
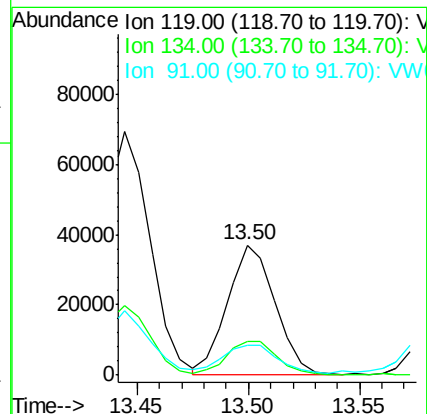
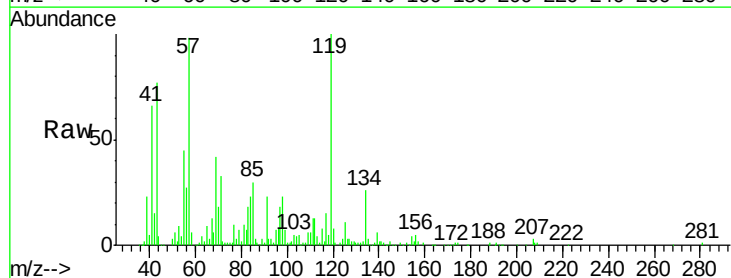
Tgt Ion:119 Resp: 54356

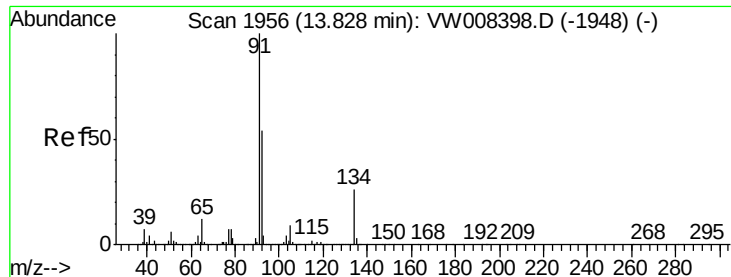
Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.2

91 24.1 12.6 37.6





#89

n-Butylbenzene

Concen: 9.800 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

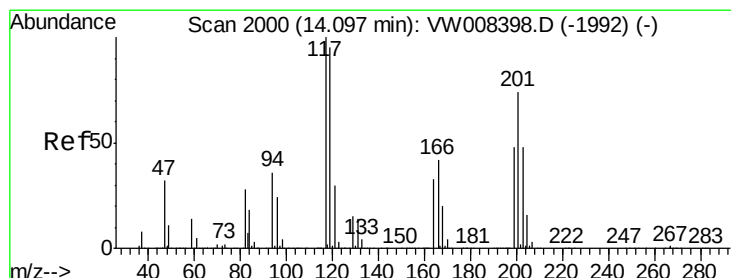
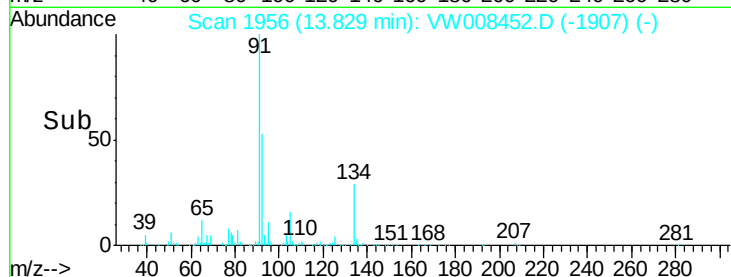
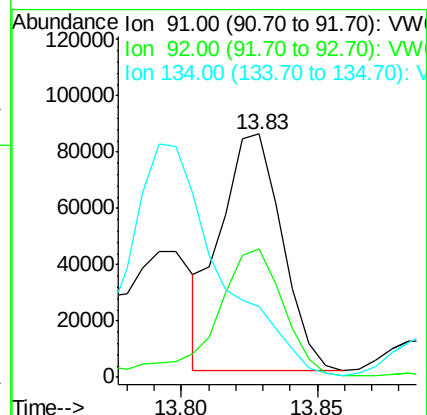
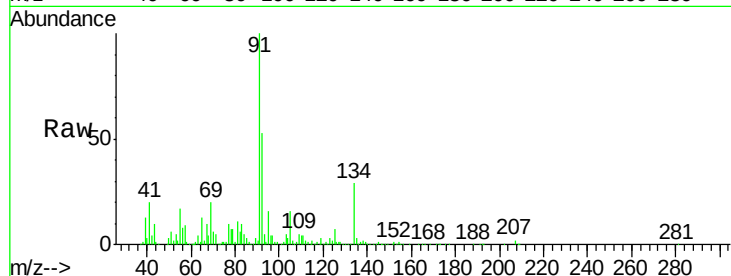
Tgt Ion: 91 Resp: 131529

Ion Ratio Lower Upper

91 100

92 58.4 27.4 82.2

134 0.0 13.0 39.0#



#90

Hexachloroethane

Concen: 12.871 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008452.D

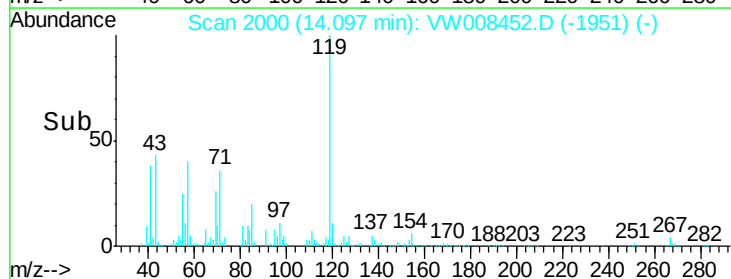
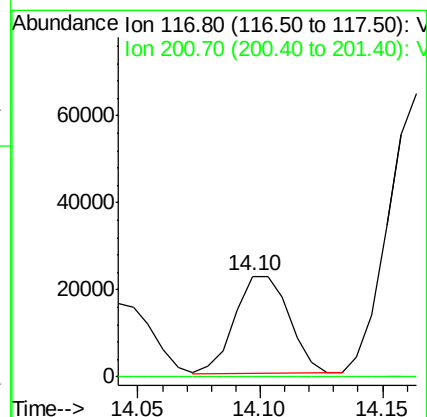
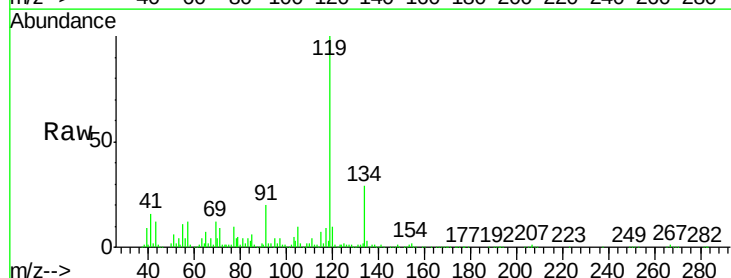
Acq: 29 Jan 2019 15:38

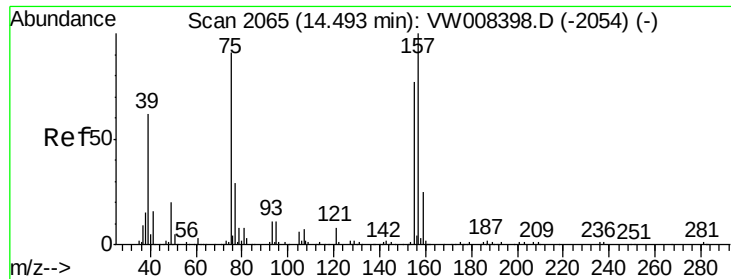
Tgt Ion: 117 Resp: 34407

Ion Ratio Lower Upper

117 100

201 0.0 39.1 117.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.710 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

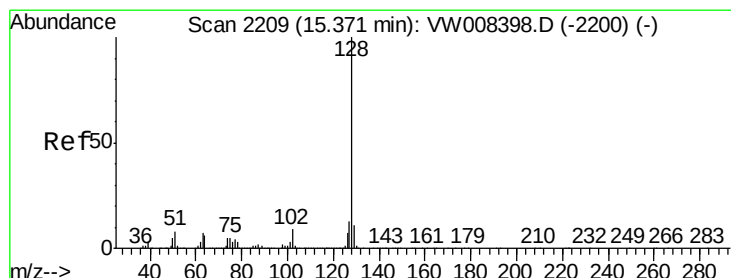
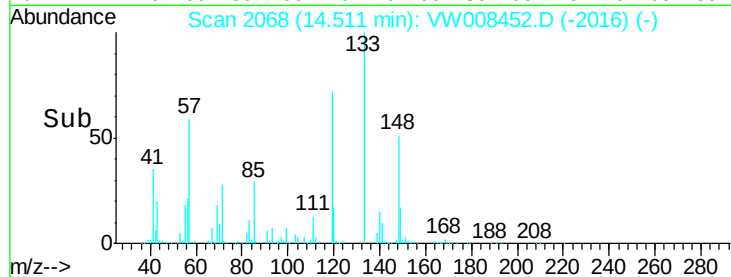
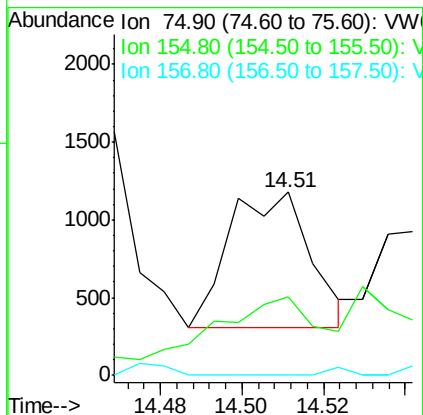
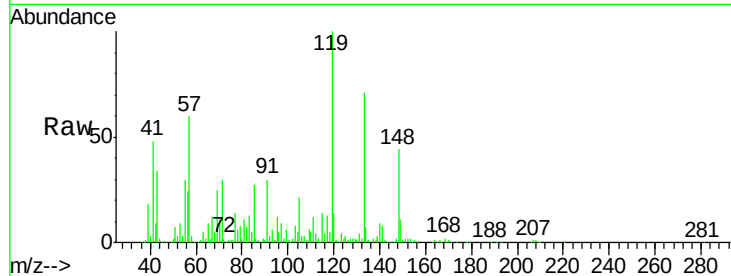
Tgt Ion: 75 Resp: 1196

Ion Ratio Lower Upper

75 100

155 55.4 42.7 128.1

157 0.0 55.5 166.3#



#95

Naphthalene

Concen: 15.780 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

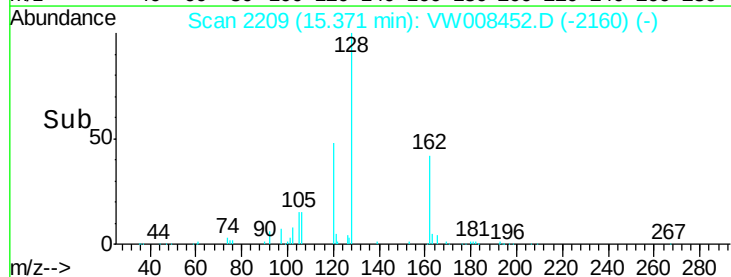
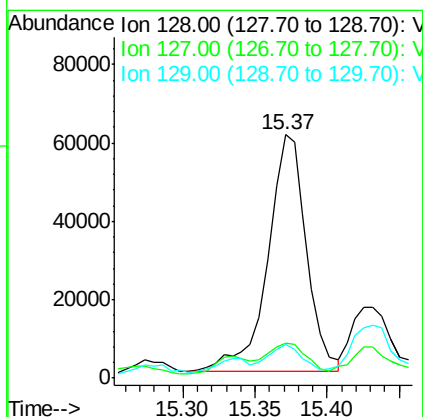
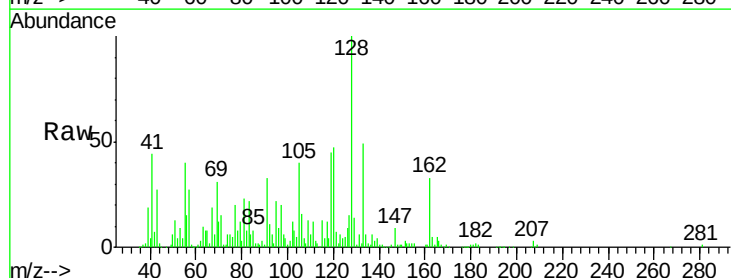
Tgt Ion: 128 Resp: 113356

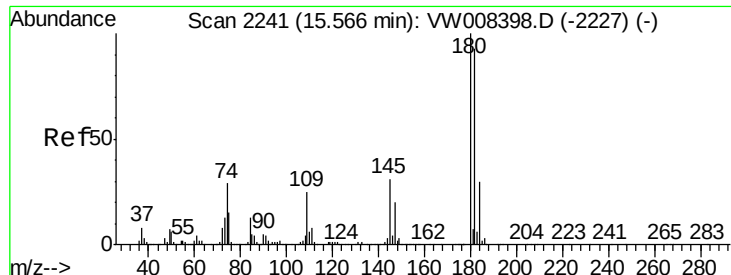
Ion Ratio Lower Upper

128 100

127 11.8 10.6 15.8

129 8.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.025 ug/l
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

Tgt Ion	Ratio	Lower	Upper
180	100		
182	65.4	47.0	141.2
145	0.0	15.9	47.6#

