

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012919\
 Data File : VW008451.D
 Acq On : 29 Jan 2019 15:01
 Operator : SY/VA
 Sample : K1008-03
 Misc : 6.22G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

Quant Time: Jan 30 03:12:49 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	175814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	281593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80581	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92083	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.88	113	88339	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
50) Toluene-d8	10.32	98	305450	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.62	95	91803	36.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	167	3.406	ug/l #	41
7) Trichlorofluoromethane	3.25	101	377	4.940	ug/l #	32
11) Tert butyl alcohol	5.12	59	10387	74.694	ug/l #	75
13) Acrolein	3.89	56	176	5.596	ug/l #	14
16) Acetone	4.12	43	26949	69.479	ug/l	91
18) Methyl Acetate	4.68	43	2758	2.666	ug/l #	85
20) Methylene Chloride	4.90	84	18799	10.516	ug/l	93
25) 2-Butanone	7.14	43	19899	36.936	ug/l #	80
26) 2,2-Dichloropropane	7.14	77	24968	11.268	ug/l #	55
29) Tetrahydrofuran	7.54	42	1510	4.423	ug/l #	60
31) Cyclohexane	7.95	56	4838	1.427	ug/l #	42
36) 1,1-Dichloropropene	7.94	75	12522	4.708	ug/l #	52
38) Carbon Tetrachloride	7.95	117	16573	6.192	ug/l #	22
49) 1,4-Dioxane	9.57	88	29	1.812	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	3698	3.062	ug/l	95
52) Toluene	10.38	92	5947	1.221	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	1588	1.209	ug/l #	22
59) 2-Hexanone	11.07	43	1384	1.623	ug/l	65
67) Ethyl Benzene	11.73	91	11268	1.415	ug/l	90
68) m/p-Xylenes	11.83	106	19404	6.282	ug/l	97
69) o-Xylene	12.16	106	20724	7.061	ug/l	99
73) Isopropylbenzene	12.46	105	10074	1.677	ug/l	95
74) N-amyl acetate	12.25	43	3825	2.472	ug/l #	45
76) 1,2,3-Trichloropropane	12.62	75	46804	66.806	ug/l #	1
78) n-propylbenzene	12.80	91	50707	7.028	ug/l	96
79) 2-Chlorotoluene	12.87	91	19762	4.854	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	81531	16.237	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	46804	131.947	ug/l #	12
82) 4-Chlorotoluene	12.94	91	9670	2.231	ug/l #	47
83) tert-Butylbenzene	13.26	119	52687	11.791	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.26	105	424741	83.222	ug/l	98
85) sec-Butylbenzene	13.38	105	35075	5.496	ug/l	85
86) p-Isopropyltoluene	13.50	119	28339	5.070	ug/l	99
89) n-Butylbenzene	13.83	91	68034	12.396	ug/l #	81

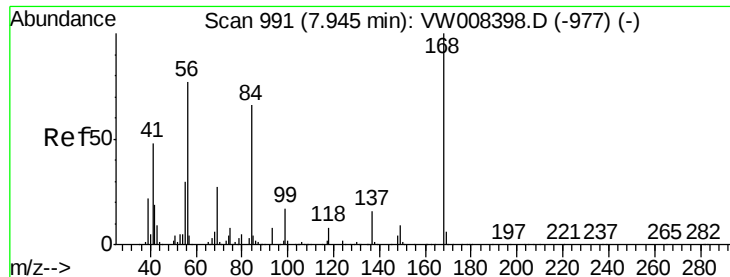
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012919\
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Quant Time: Jan 30 03:12:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.10	117	18798	17.196	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.51	75	469	2.599	ug/l #	22
95) Naphthalene	15.37	128	60586	20.624	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.58	180	2524	1.778	ug/l #	26

(#) = 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: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

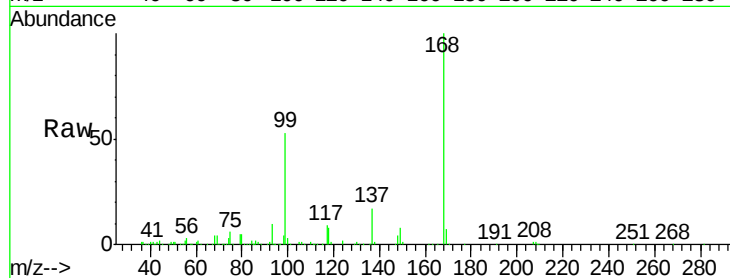
HD-01-012819

Tgt Ion:168 Resp: 175814

Ion Ratio Lower Upper

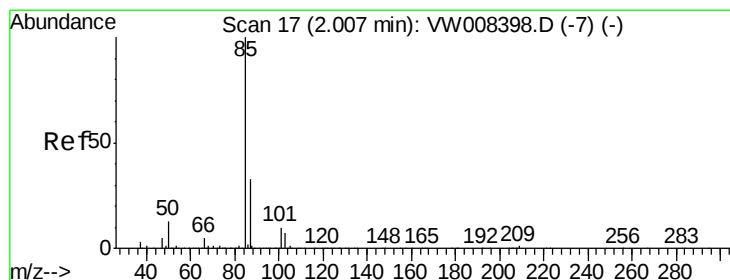
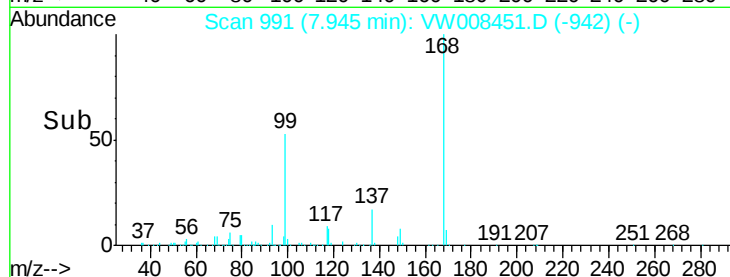
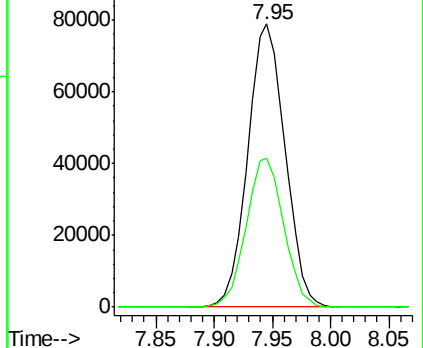
168 100

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



#2

Dichlorodifluoromethane

Concen: 3.406 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008451.D

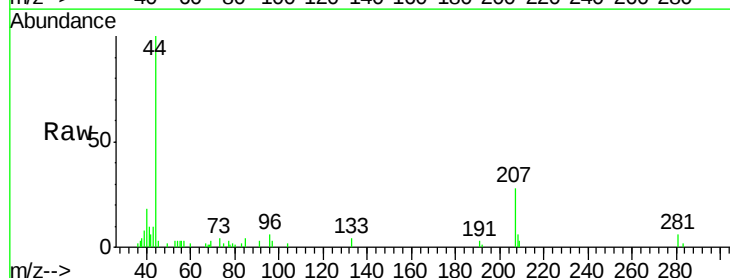
Acq: 29 Jan 2019 15:01

Tgt Ion: 85 Resp: 167

Ion Ratio Lower Upper

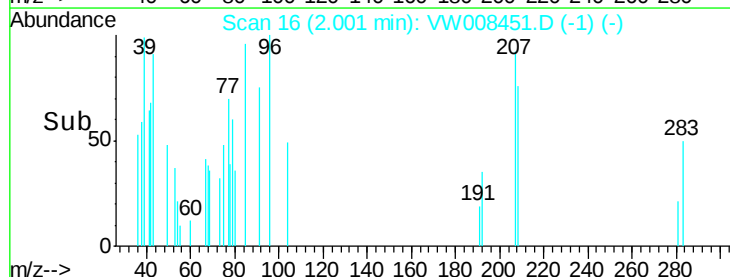
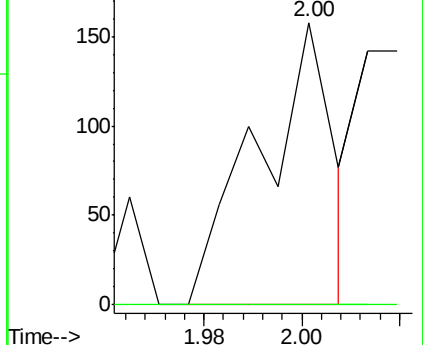
85 100

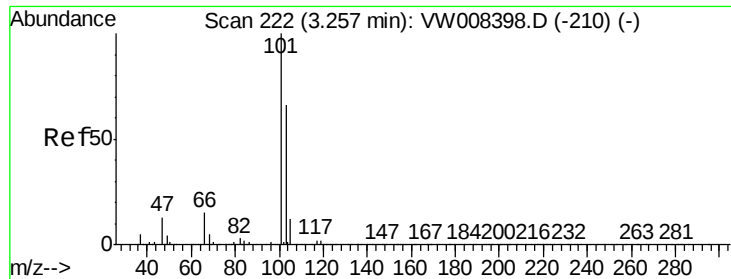
87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



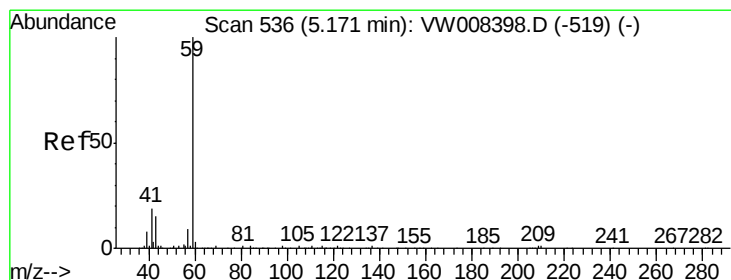
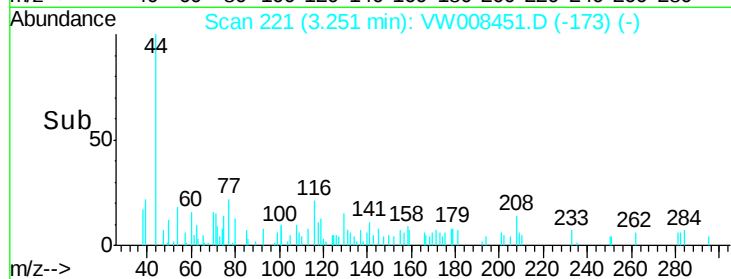
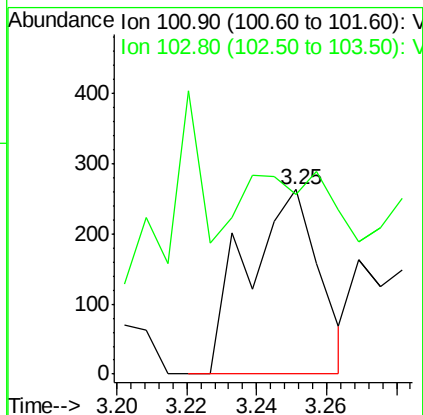
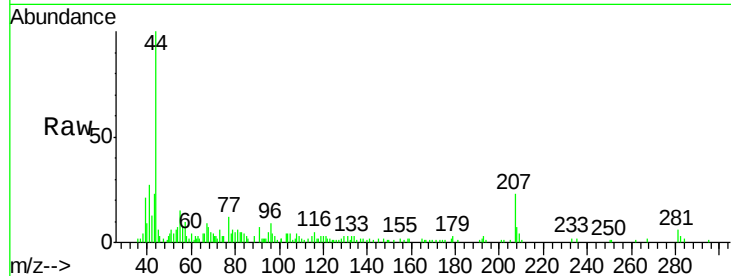


#7

Trichlorofluoromethane
Concen: 4.940 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

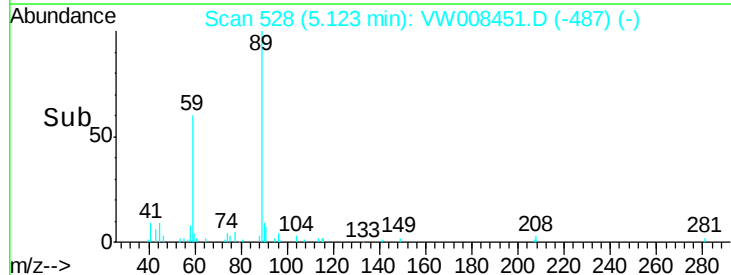
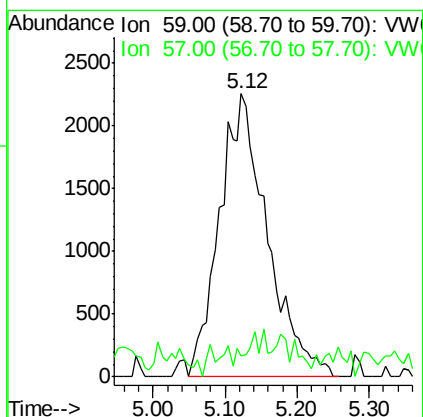
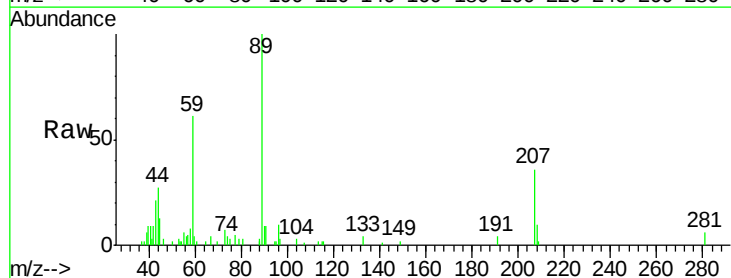
Tgt Ion: 101 Resp: 377
Ion Ratio Lower Upper
101 100
103 11.9 52.5 78.7#

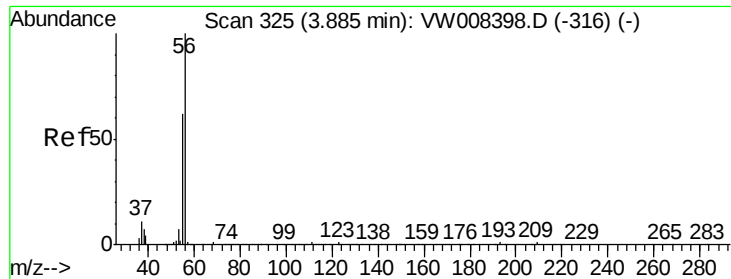


#11

Tert butyl alcohol
Concen: 74.694 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Tgt Ion: 59 Resp: 10387
Ion Ratio Lower Upper
59 100
57 2.0 9.3 13.9#

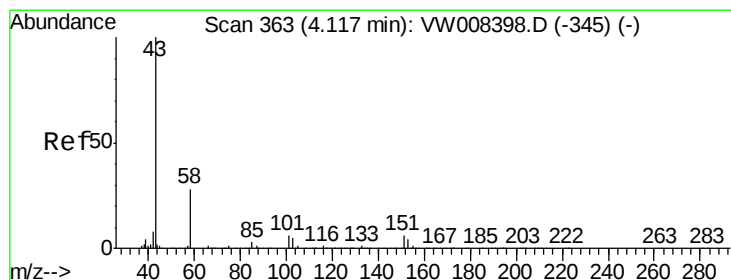
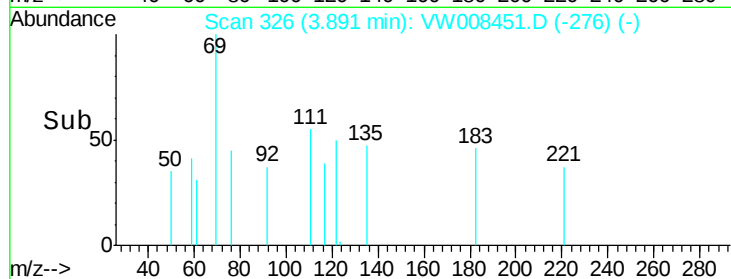
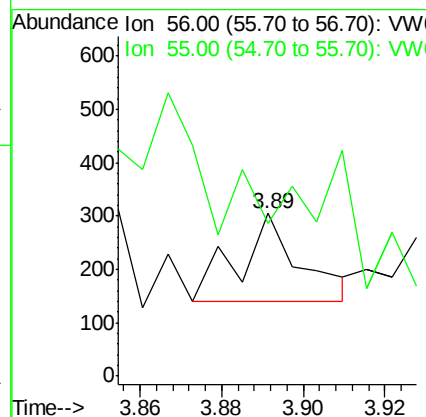
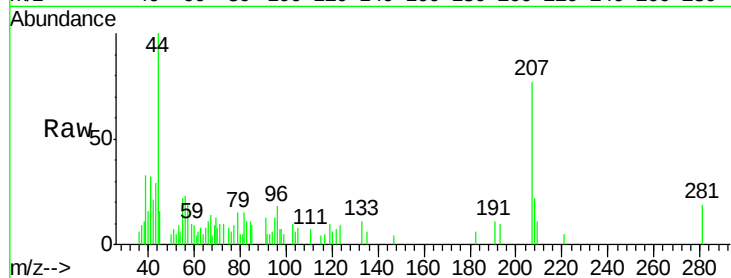




#13
Acrolein
Concen: 5.596 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

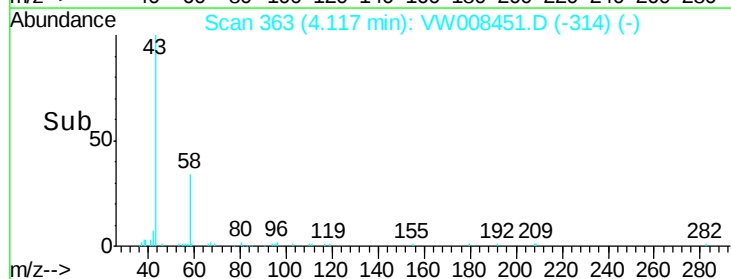
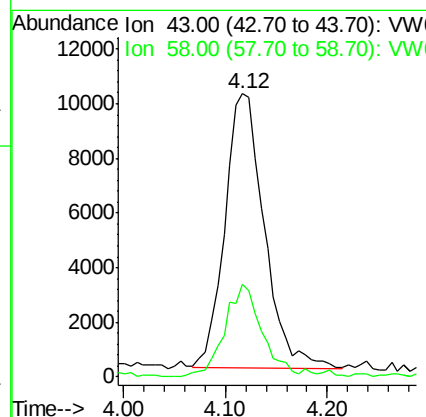
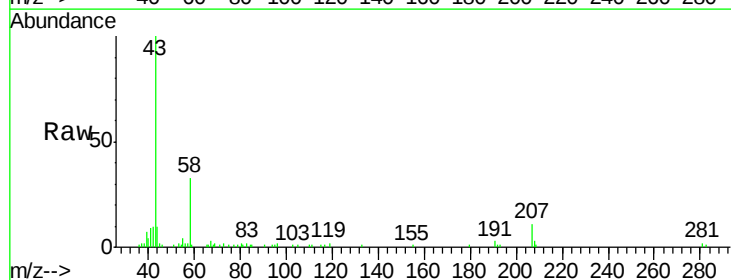
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MSVOA_W
ClientSampled :
HD-01-012819

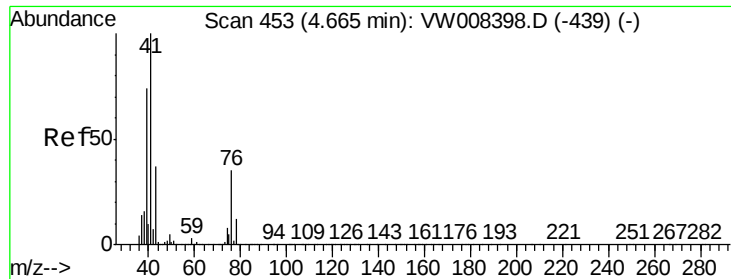
Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 0.0 56.7 85.1#



#16
Acetone
Concen: 69.479 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Tgt Ion: 43 Resp: 26949
Ion Ratio Lower Upper
43 100
58 33.1 22.6 34.0

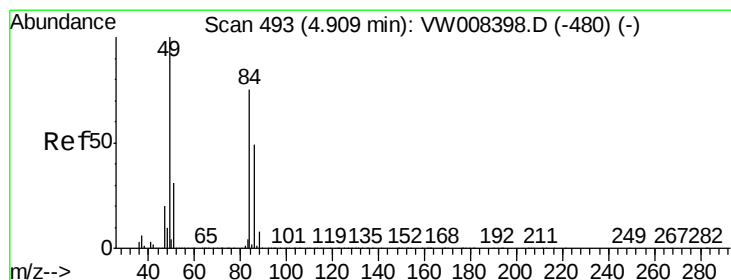
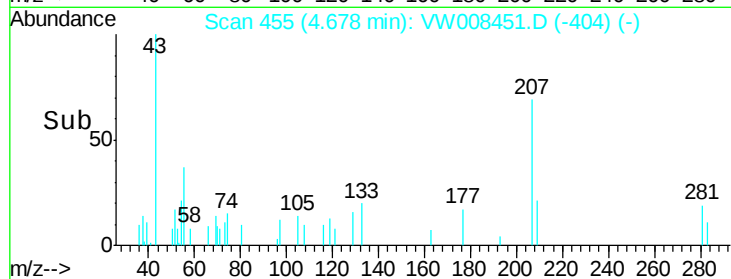
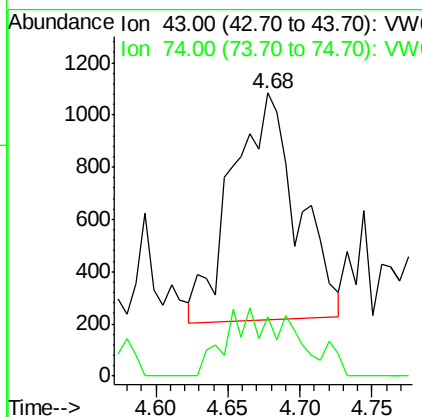
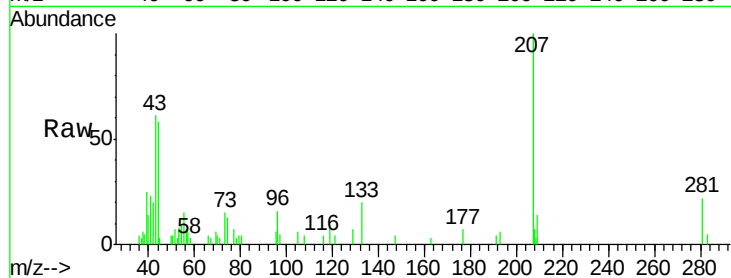




#18
Methyl Acetate
Concen: 2.666 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

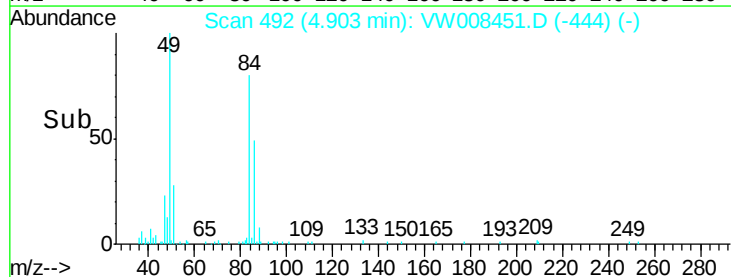
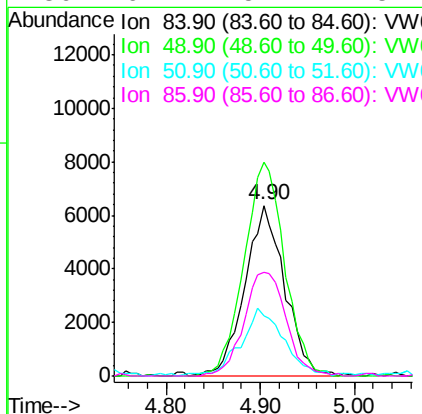
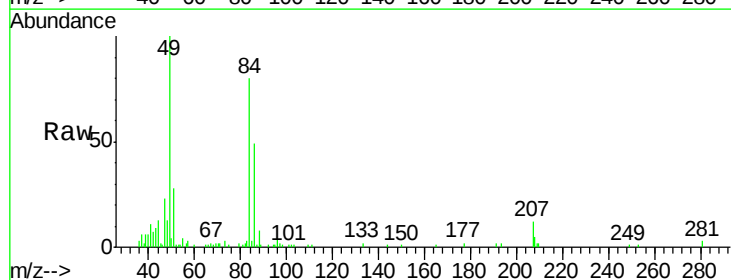
Instrument :
MSVOA_W
ClientSampled :
HD-01-012819

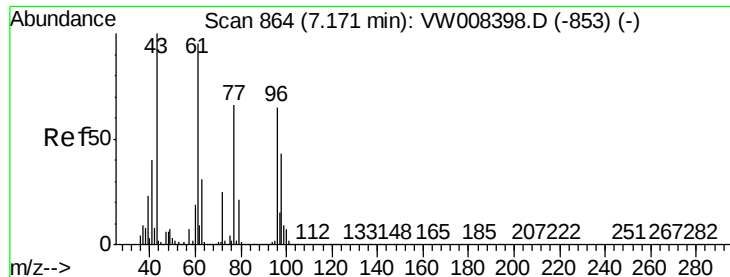
Tgt Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
74 14.7 17.5 26.3#



#20
Methylene Chloride
Concen: 10.516 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Tgt Ion: 84 Resp: 18799
Ion Ratio Lower Upper
84 100
49 125.5 106.8 160.2
51 33.7 32.9 49.3
86 61.1 52.2 78.2





#25

2-Butanone

Concen: 36.936 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

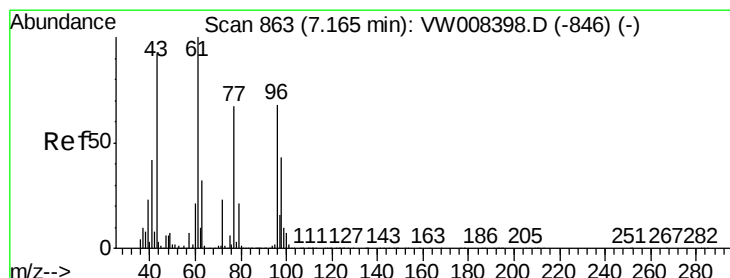
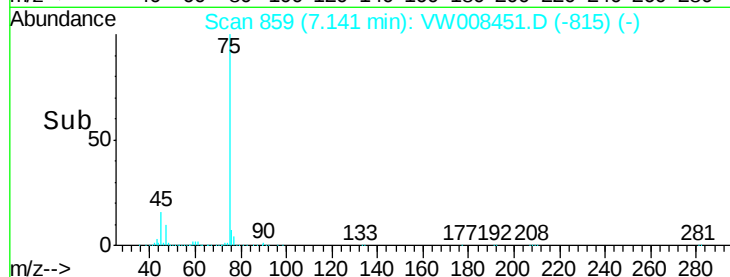
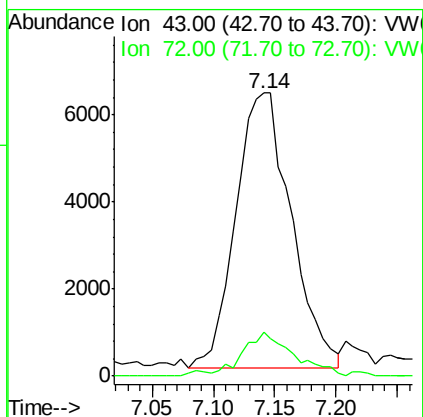
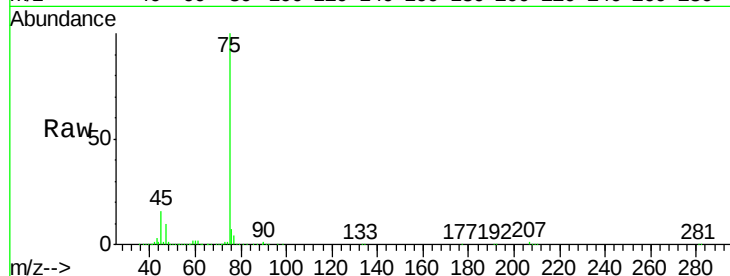
HD-01-012819

Tgt Ion: 43 Resp: 19899

Ion Ratio Lower Upper

43 100

72 15.1 20.1 30.1#



#26

2,2-Dichloropropane

Concen: 11.268 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW008451.D

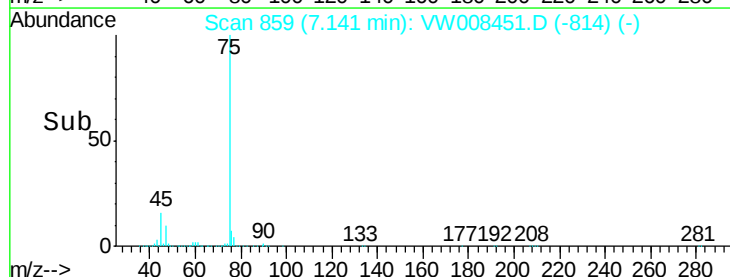
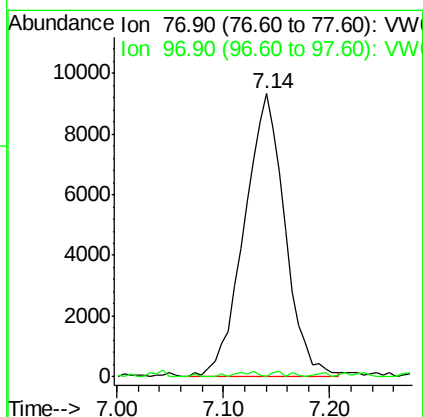
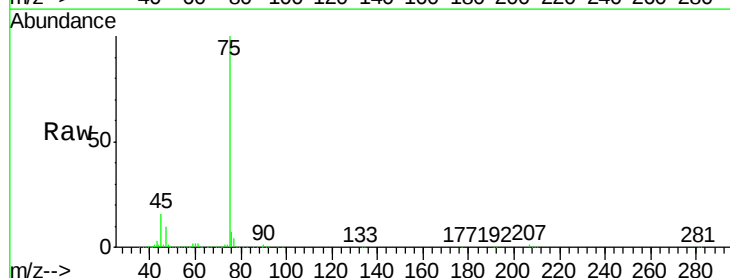
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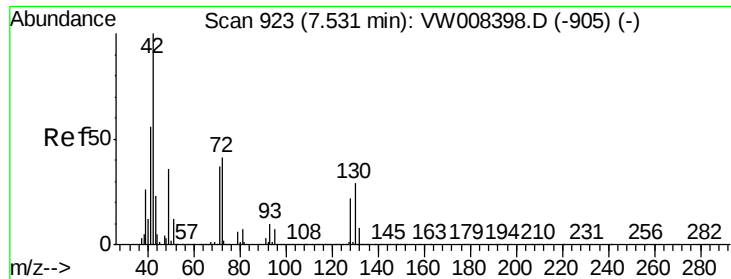
Tgt Ion: 77 Resp: 24968

Ion Ratio Lower Upper

77 100

97 1.0 11.5 34.5#

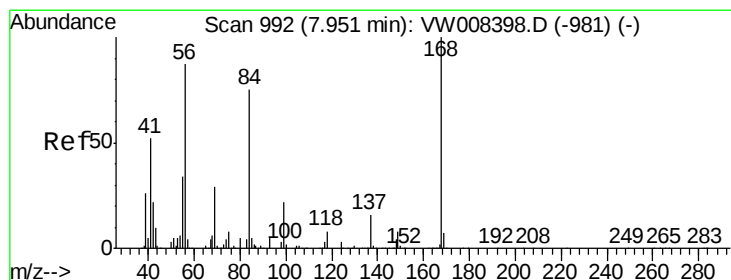
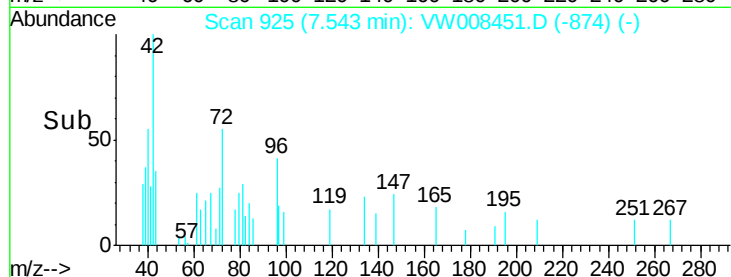
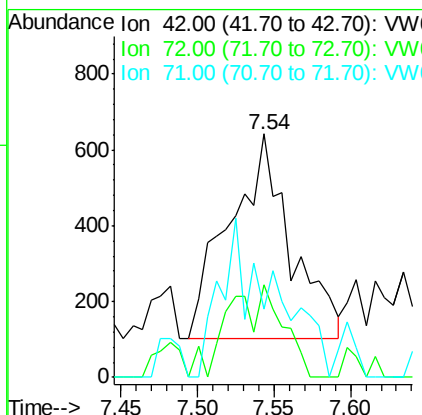
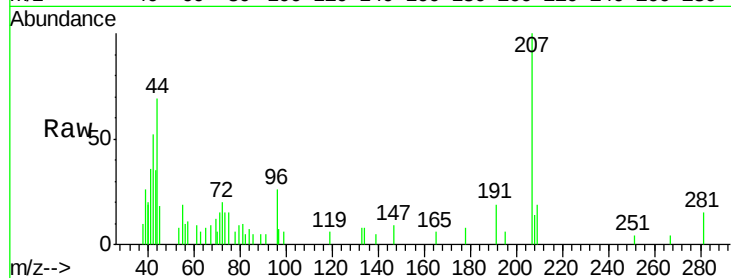




#29
Tetrahydrofuran
Concen: 4.423 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

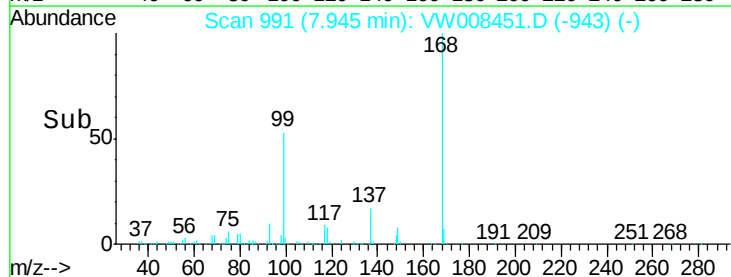
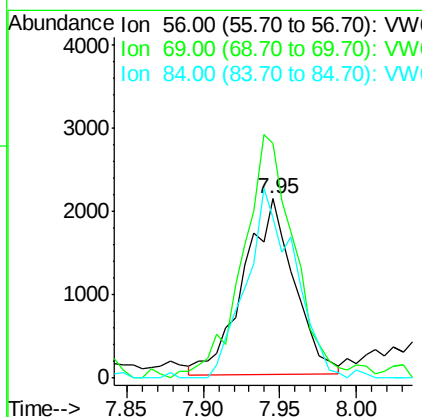
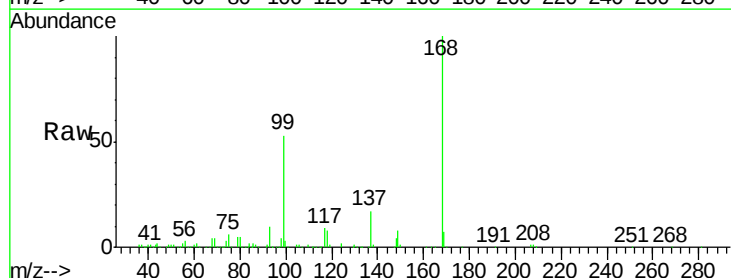
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ClientSampleId :
HD-01-012819

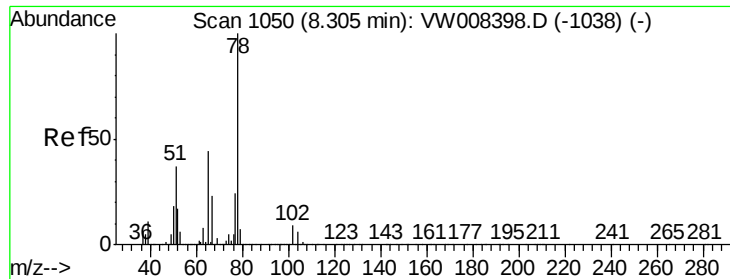
Tgt Ion: 42 Resp: 1510
Ion Ratio Lower Upper
42 100
72 21.7 31.9 47.9#
71 67.5 29.9 44.9#



#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Tgt Ion: 56 Resp: 4838
Ion Ratio Lower Upper
56 100
69 136.1 26.4 39.6#
84 95.4 69.1 103.7

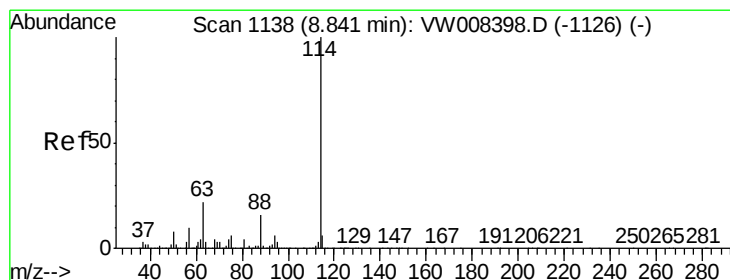
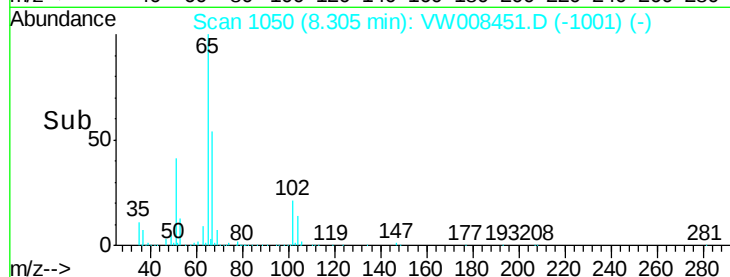
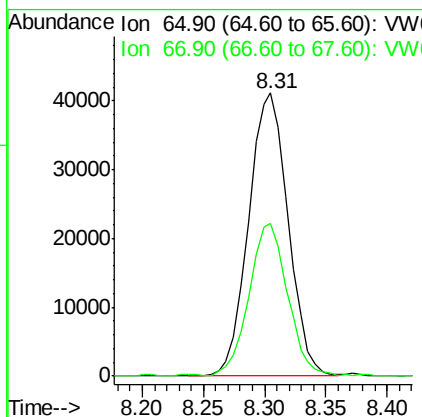
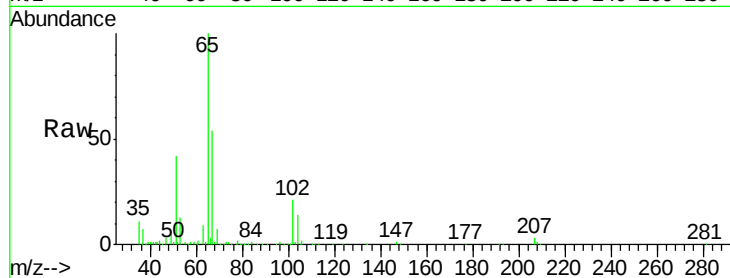




#33
 1,2-Dichloroethane-d4
 Concen: 53.313 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008451.D
 Acq: 29 Jan 2019 15:01

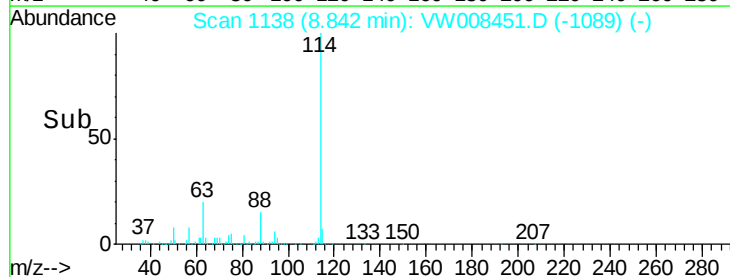
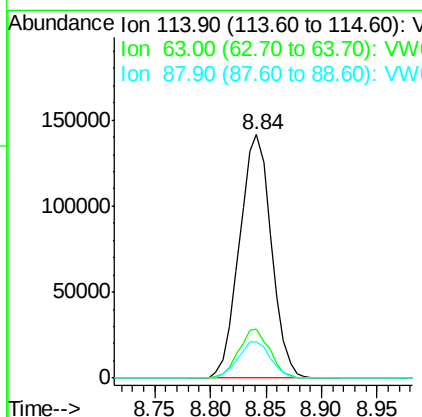
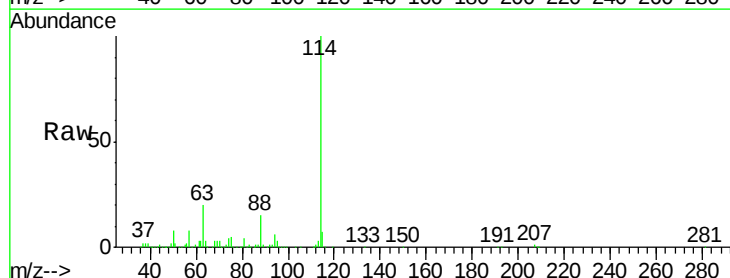
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

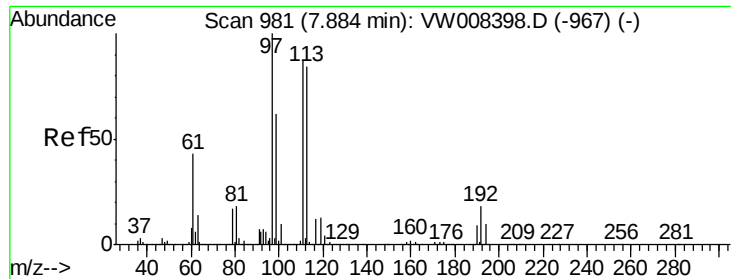
Tgt Ion: 65 Resp: 92083
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008451.D
 Acq: 29 Jan 2019 15:01

Tgt Ion: 114 Resp: 281593
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.6
 88 14.7 0.0 31.8

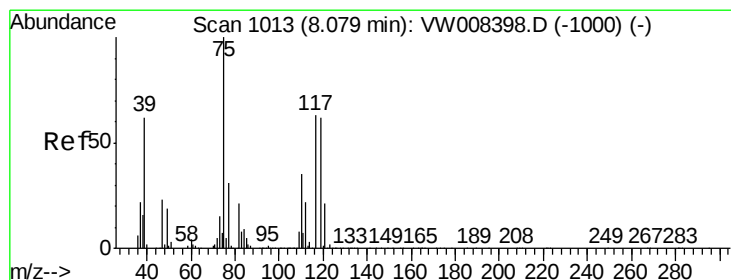
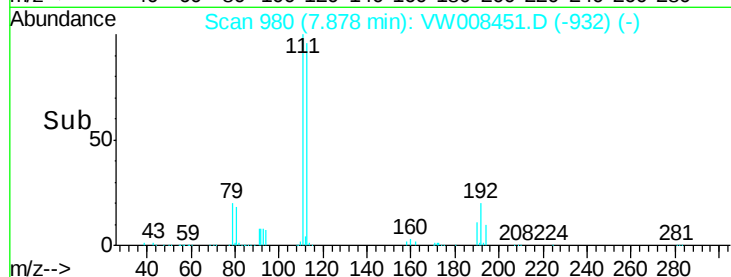
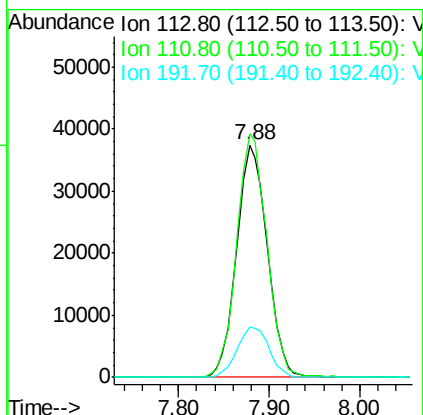
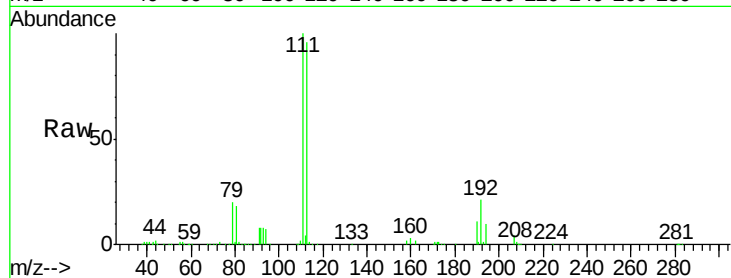




#35
 Dibromofluoromethane
 Concen: 53.650 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008451.D
 Acq: 29 Jan 2019 15:01

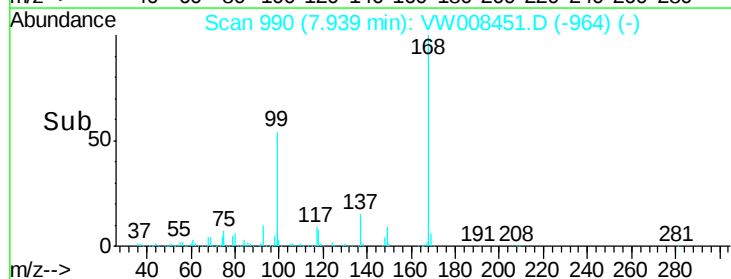
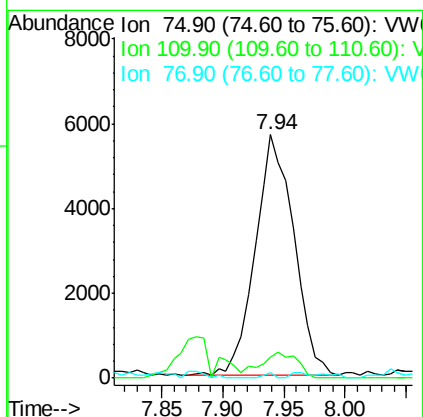
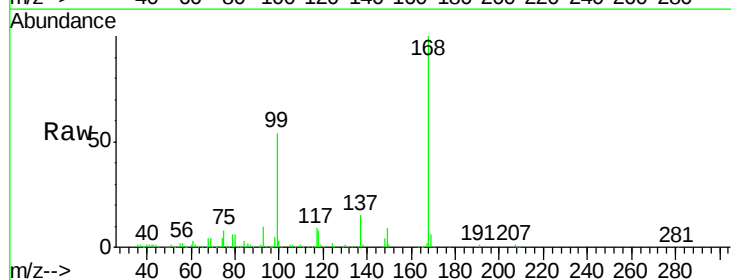
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

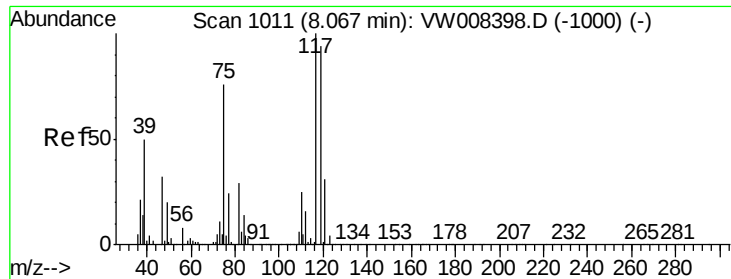
Tgt Ion:113 Resp: 88339
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.4
 192 22.5 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.708 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008451.D
 Acq: 29 Jan 2019 15:01

Tgt Ion: 75 Resp: 12522
 Ion Ratio Lower Upper
 75 100
 110 10.2 17.3 52.0#
 77 0.6 24.7 37.1#

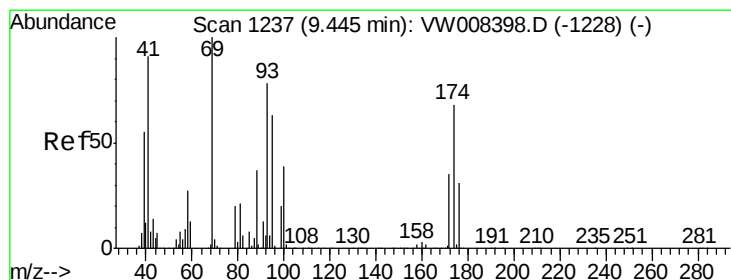
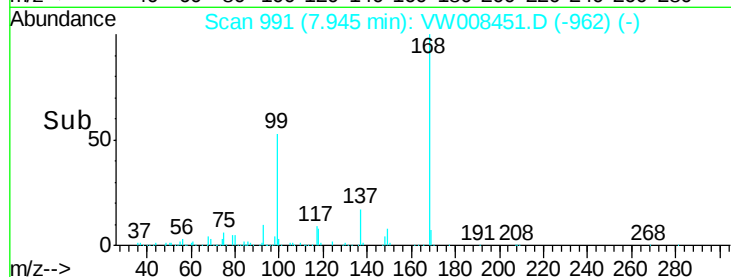
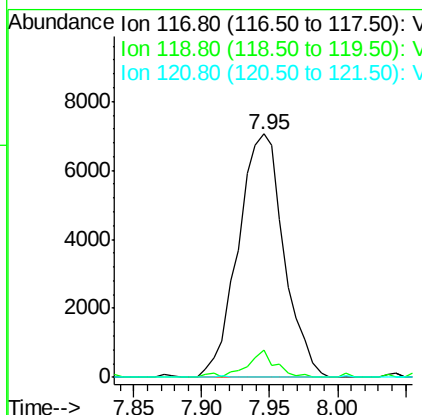
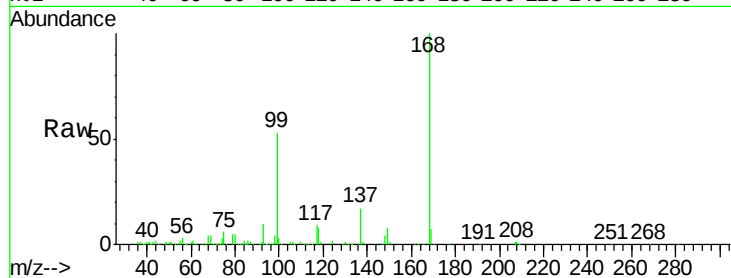




#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

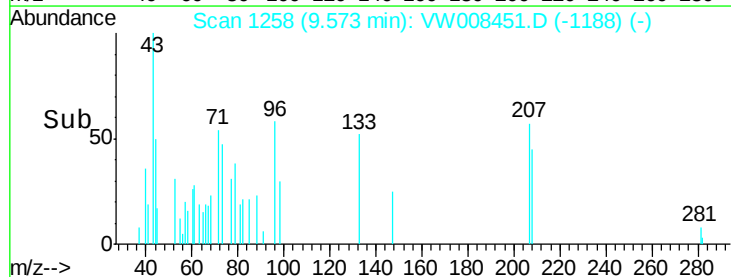
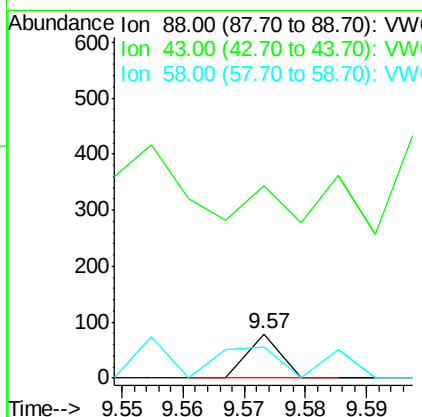
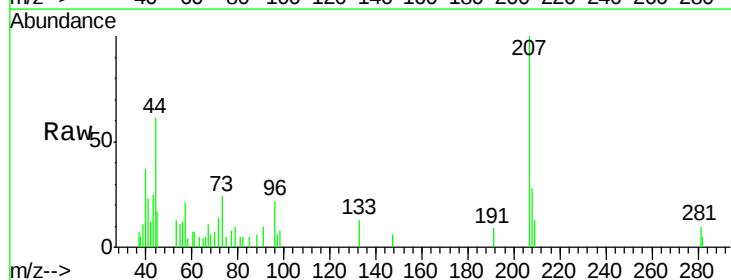
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

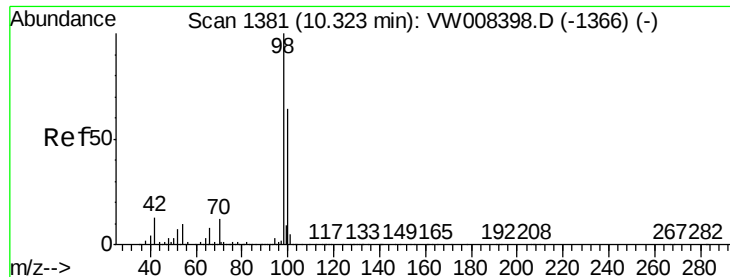
Tgt Ion:117 Resp: 16573
Ion Ratio Lower Upper
117 100
119 11.2 75.0 112.4#
121 0.0 24.9 37.3#



#49
1,4-Dioxane
Concen: 1.812 ug/l
RT: 9.57 min Scan# 1258
Delta R.T. 0.13 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 365.5 29.0 43.4#
58 93.1 56.4 84.6#





#50

Toluene-d8

Concen: 46.261 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

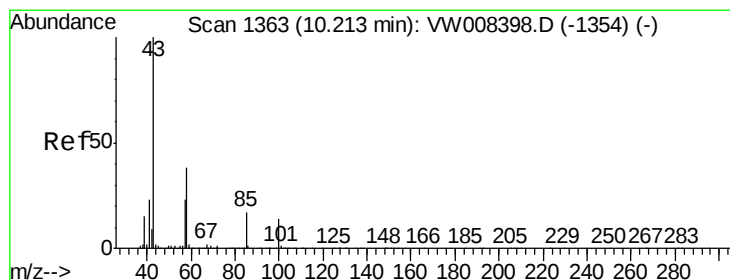
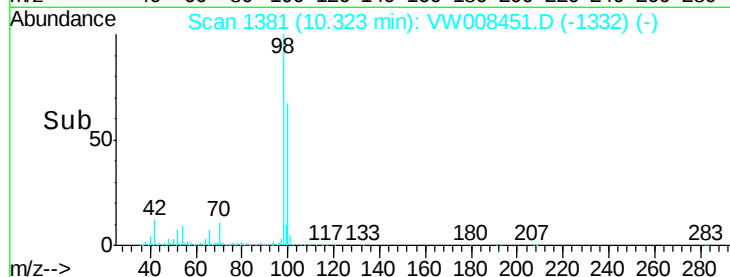
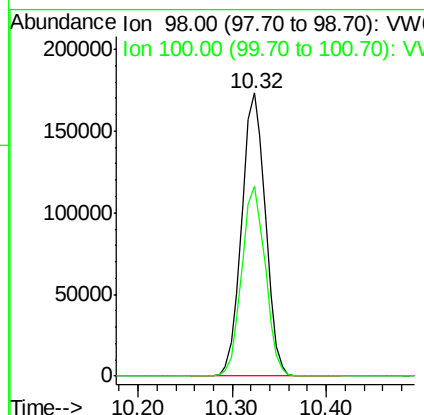
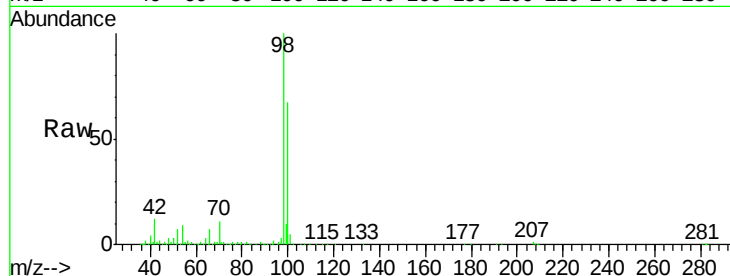
HD-01-012819

Tgt Ion: 98 Resp: 305450

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 3.062 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008451.D

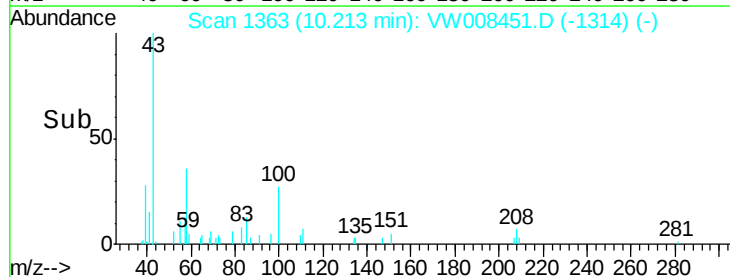
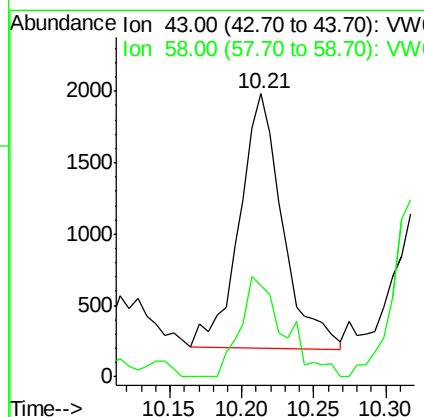
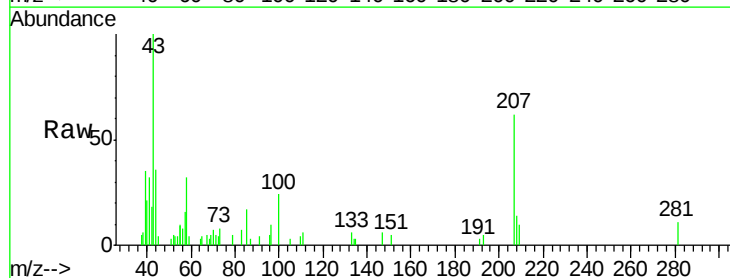
Acq: 29 Jan 2019 15:01

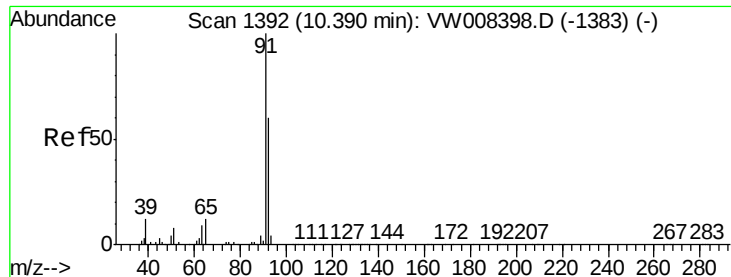
Tgt Ion: 43 Resp: 3698

Ion Ratio Lower Upper

43 100

58 40.2 29.7 44.5





#52

Toluene

Concen: 1.221 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

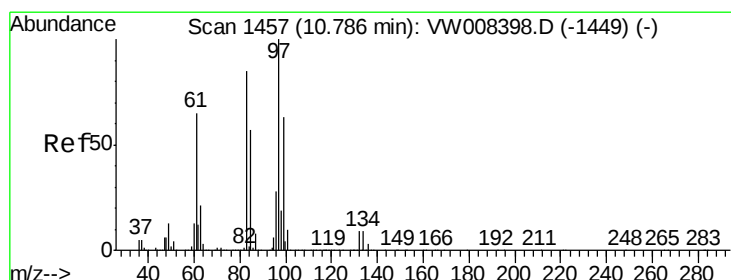
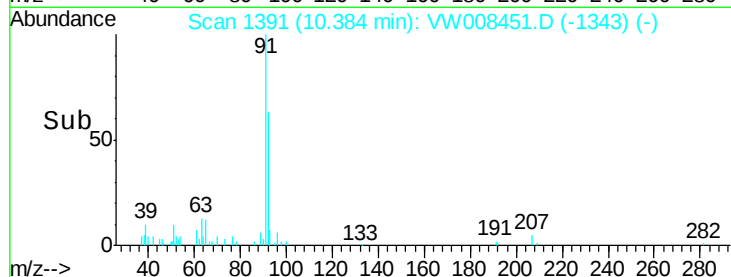
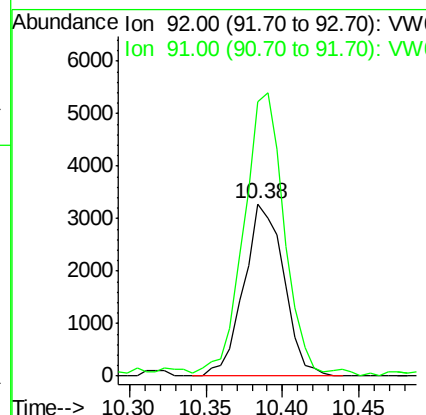
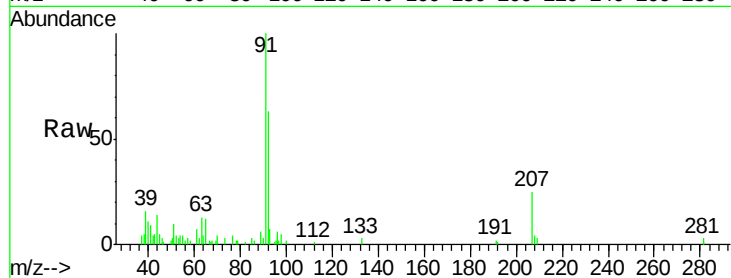
HD-01-012819

Tgt Ion: 92 Resp: 5947

Ion Ratio Lower Upper

92 100

91 168.1 135.5 203.3



#55

1,1,2-Trichloroethane

Concen: 1.209 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Tgt Ion: 97 Resp: 1588

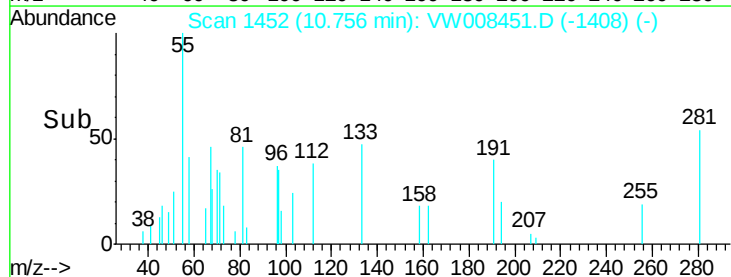
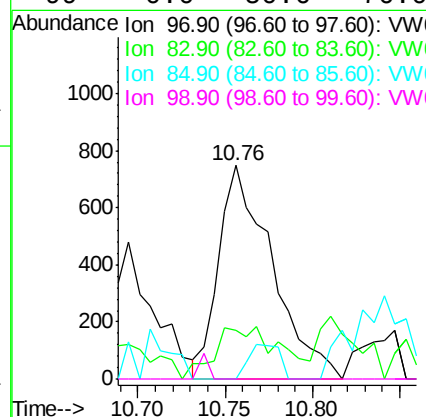
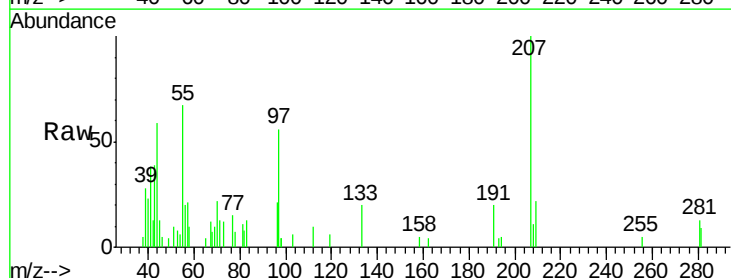
Ion Ratio Lower Upper

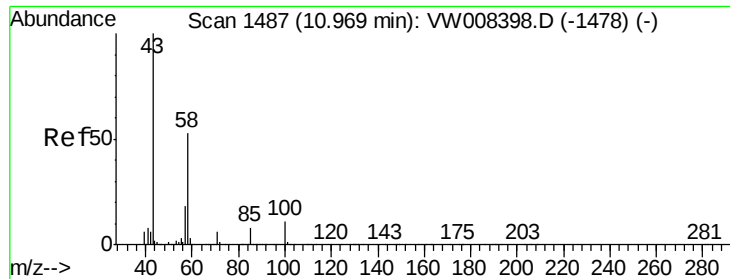
97 100

83 15.5 68.4 102.6#

85 0.0 45.3 67.9#

99 0.0 50.6 76.0#





#59

2-Hexanone

Concen: 1.623 ug/l

RT: 11.07 min Scan# 1503

Delta R.T. 0.10 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

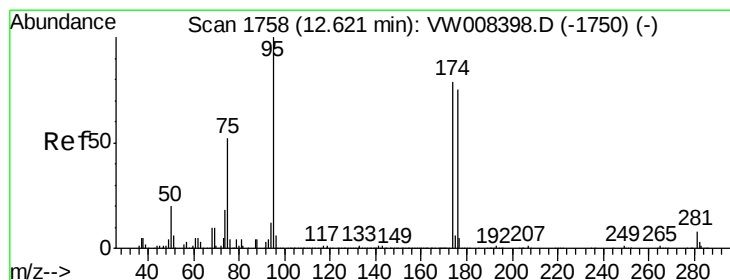
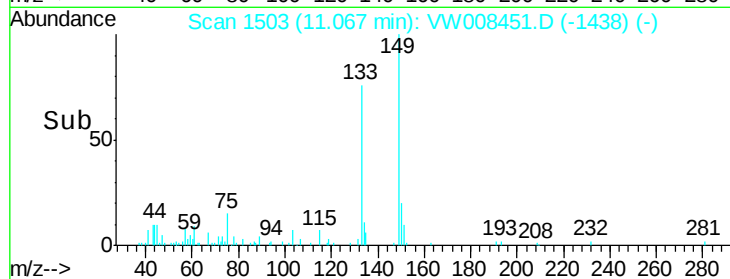
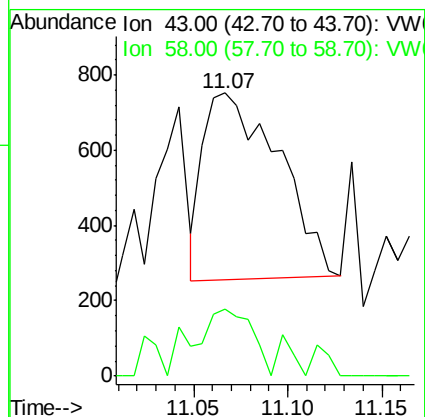
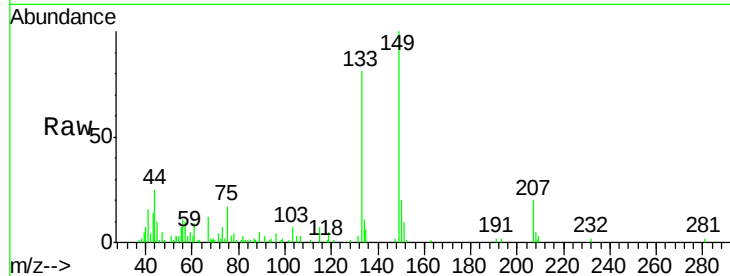
HD-01-012819

Tgt Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

58 27.2 25.9 77.7



#62

4-Bromofluorobenzene

Concen: 36.171 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

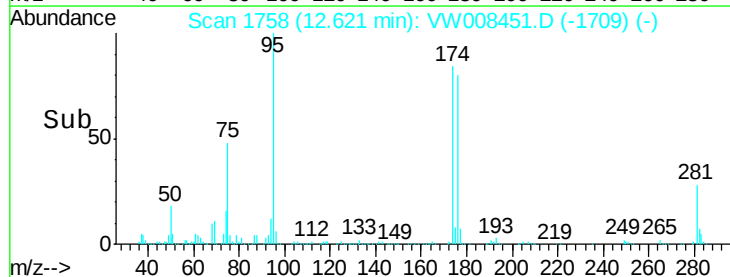
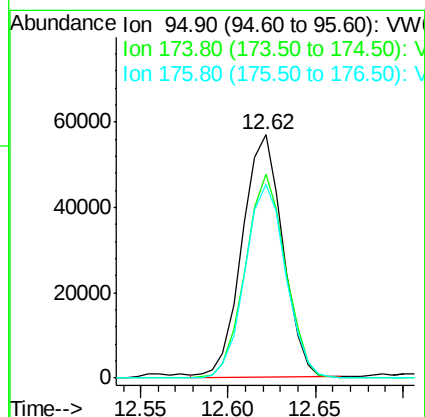
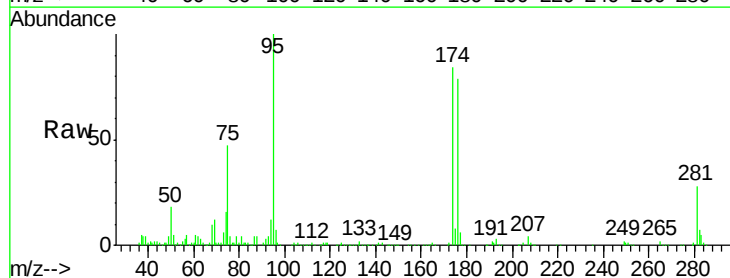
Tgt Ion: 95 Resp: 91803

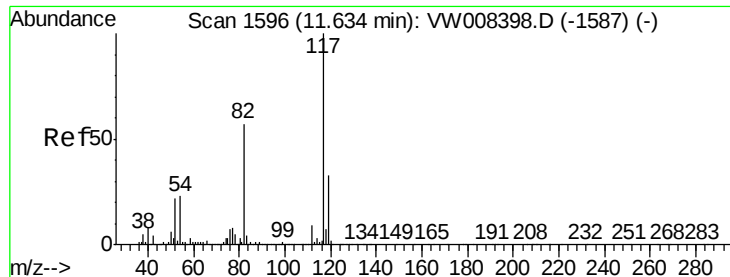
Ion Ratio Lower Upper

95 100

174 83.4 0.0 157.6

176 80.5 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: VW008451.D

Acq: 29 Jan 2019 15:01

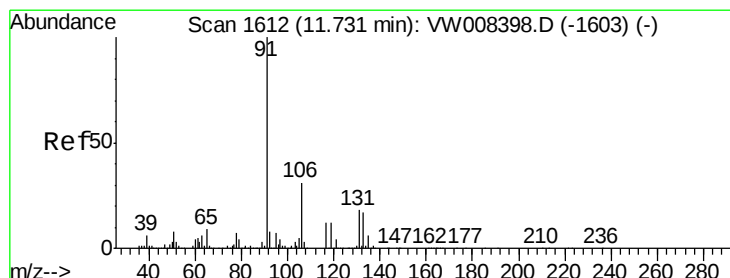
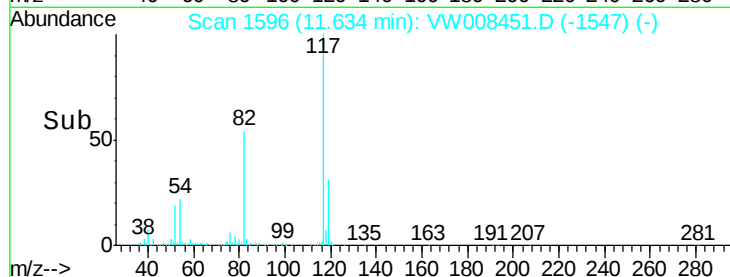
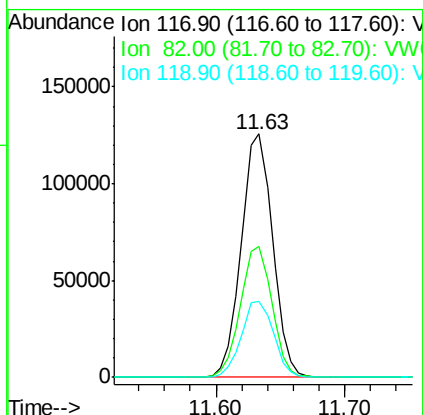
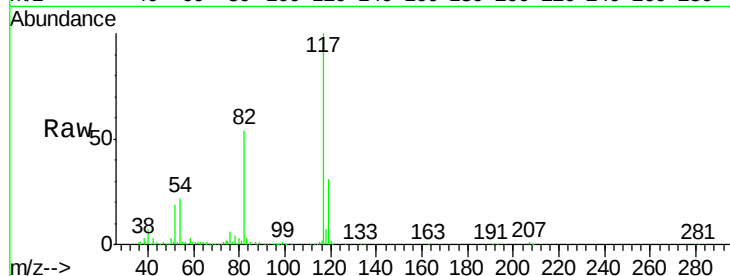
Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

Tgt Ion:	117	Resp:	212167
Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.4	68.0
119	31.2	26.2	39.4



#67

Ethyl Benzene

Concen: 1.415 ug/l

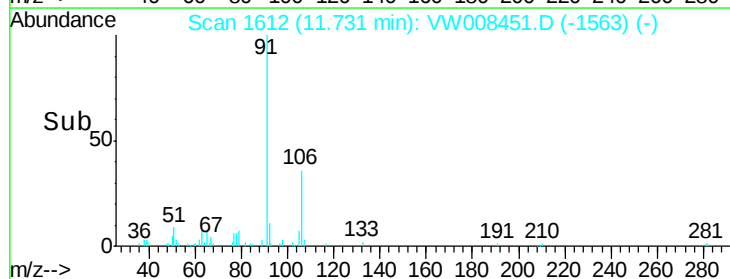
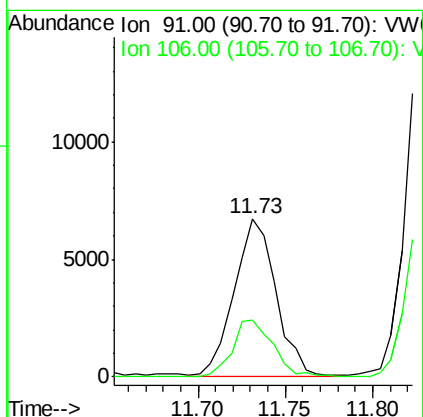
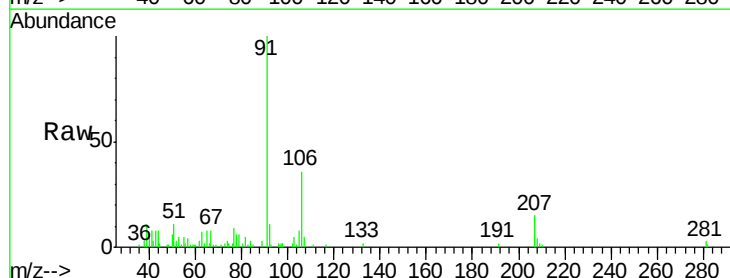
RT: 11.73 min Scan# 1612

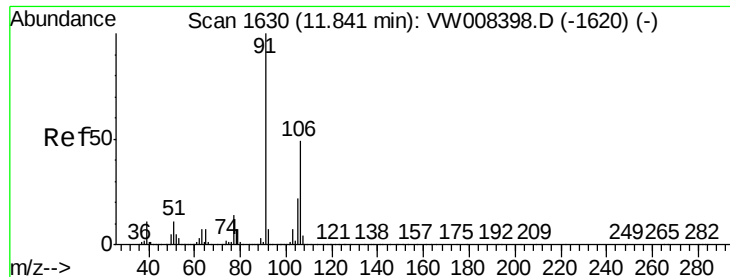
Delta R.T. 0.00 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Tgt Ion:	91	Resp:	11268
Ion	Ratio	Lower	Upper
91	100		
106	36.1	24.7	37.1

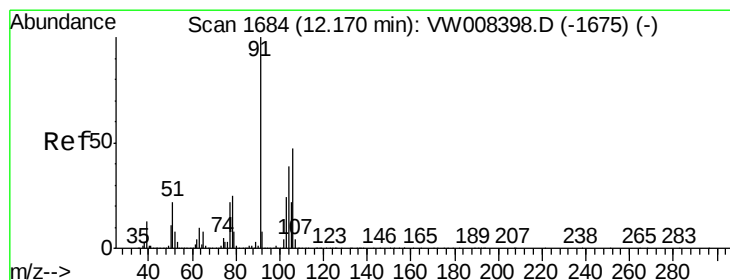
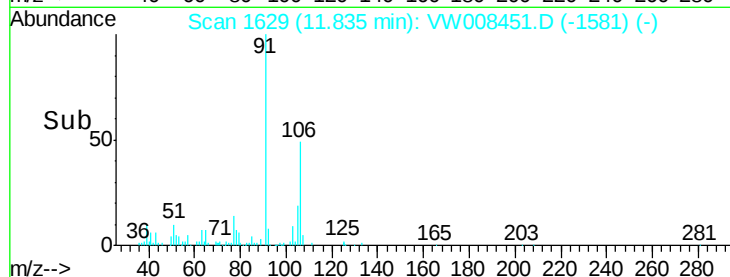
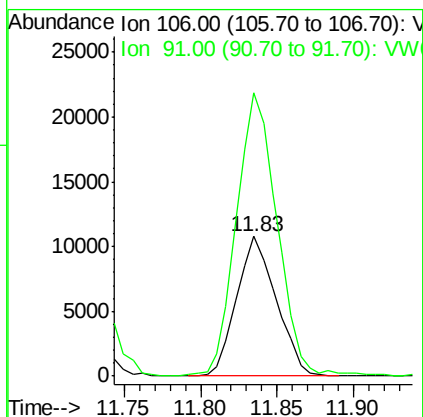
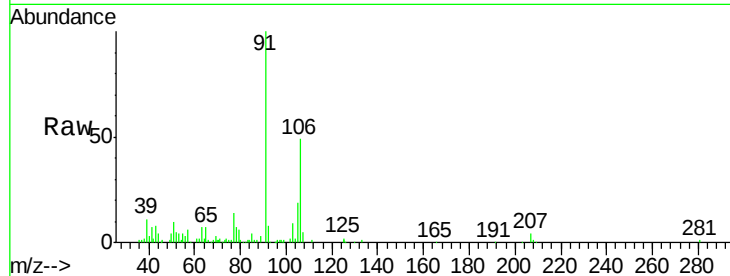




#68
m/p-Xylenes
Concen: 6.282 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

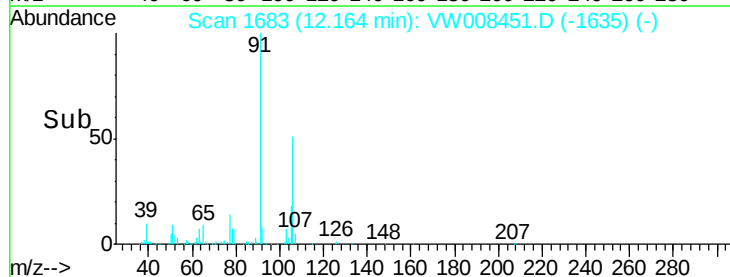
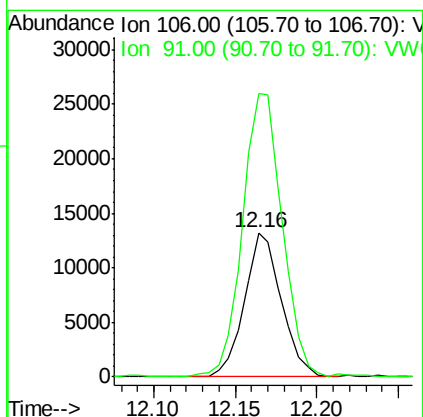
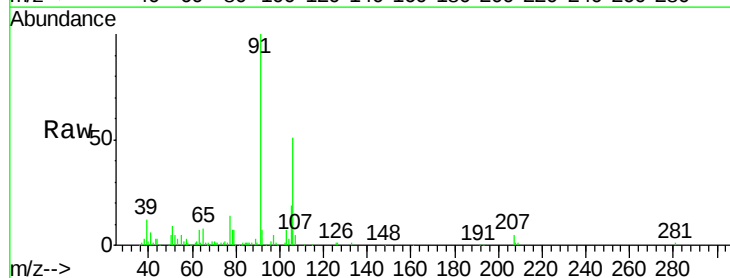
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

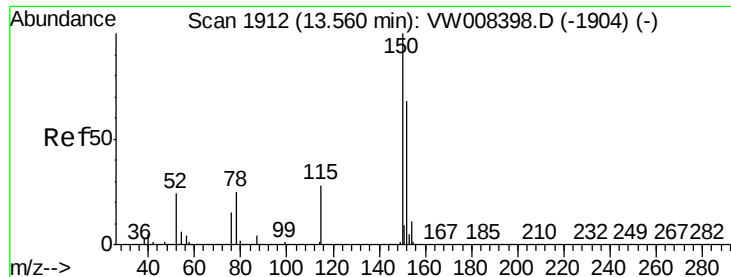
Tgt Ion:106 Resp: 19404
Ion Ratio Lower Upper
106 100
91 208.8 162.9 244.3



#69
o-Xylene
Concen: 7.061 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Tgt Ion:106 Resp: 20724
Ion Ratio Lower Upper
106 100
91 213.2 107.5 322.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

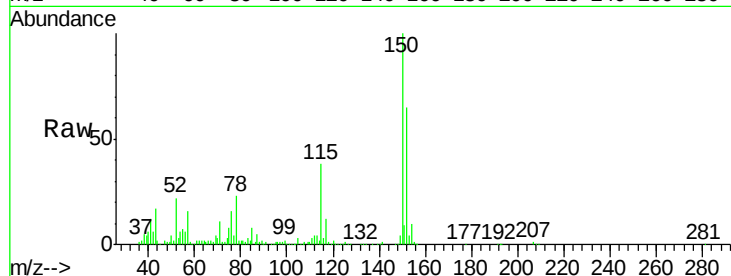
Tgt Ion:152 Resp: 80581

Ion Ratio Lower Upper

152 100

115 70.0 29.9 89.7

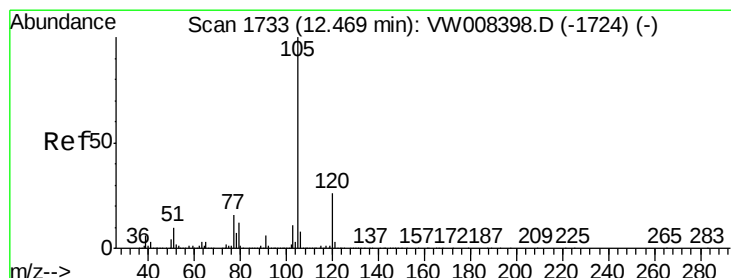
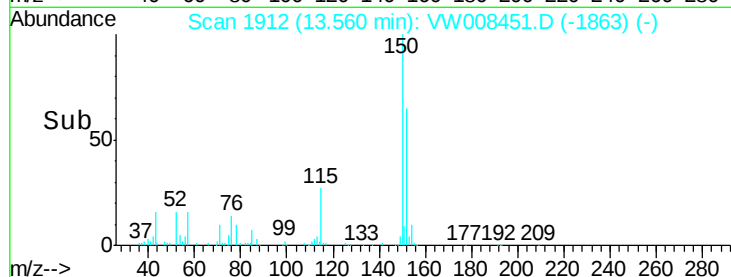
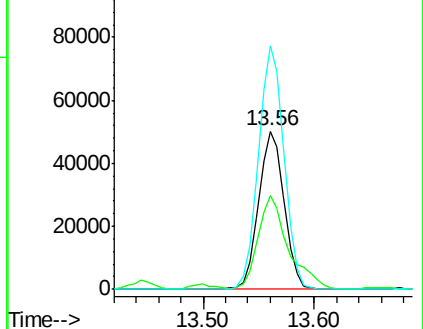
150 153.4 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.677 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008451.D

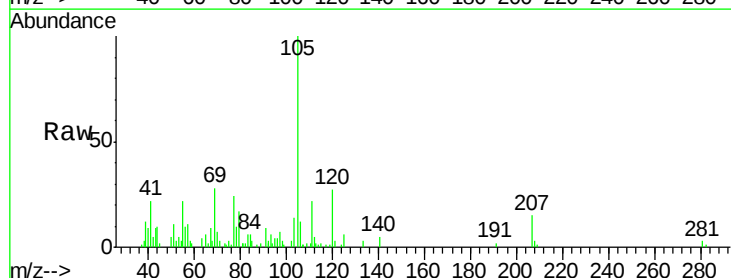
Acq: 29 Jan 2019 15:01

Tgt Ion:105 Resp: 10074

Ion Ratio Lower Upper

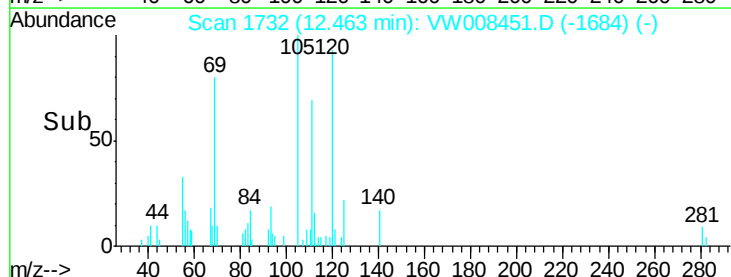
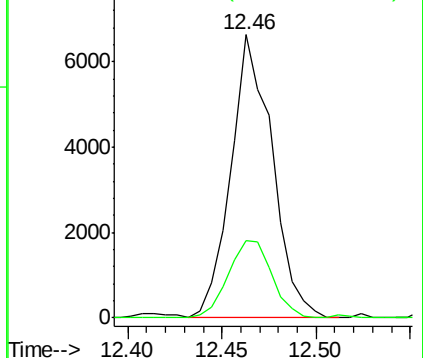
105 100

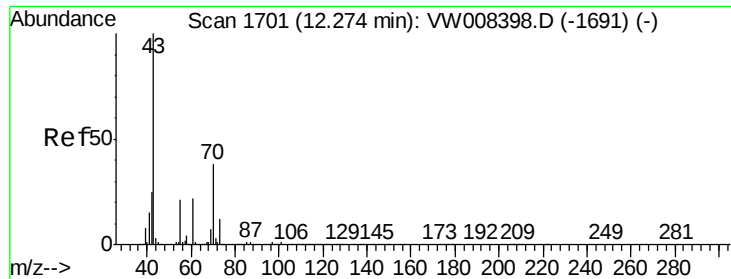
120 28.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 2.472 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

Tgt Ion: 43 Resp: 3825

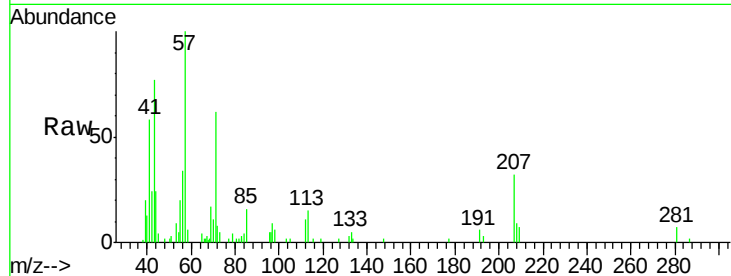
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 17.4 26.2#

61 0.0 18.2 27.4#

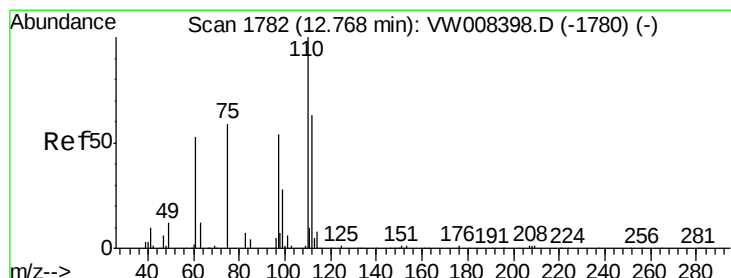
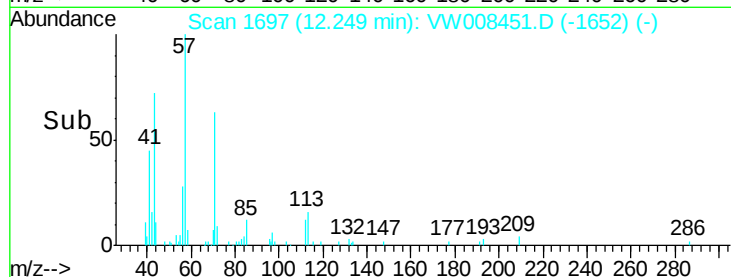
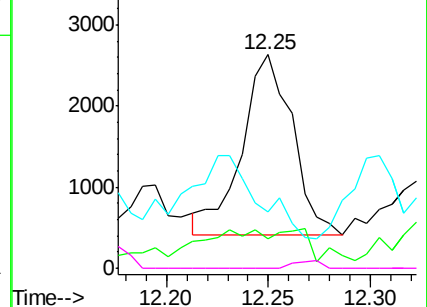


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 66.806 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008451.D

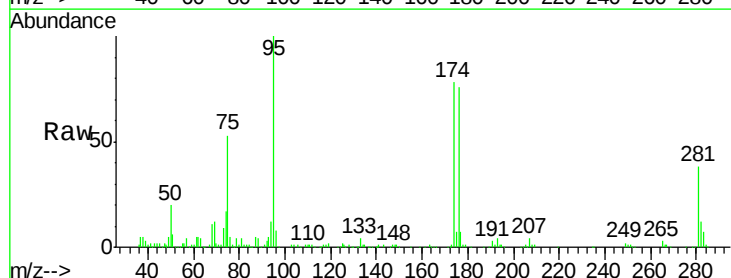
Acq: 29 Jan 2019 15:01

Tgt Ion: 75 Resp: 46804

Ion Ratio Lower Upper

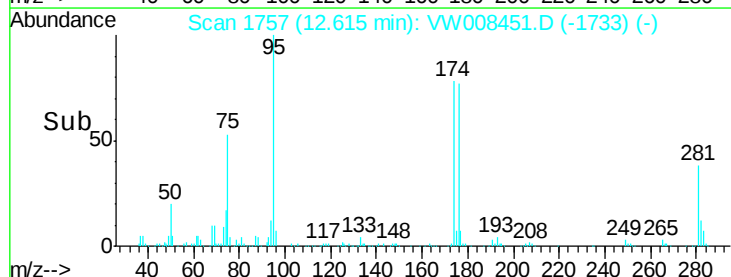
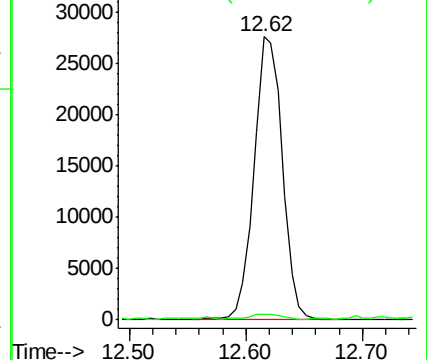
75 100

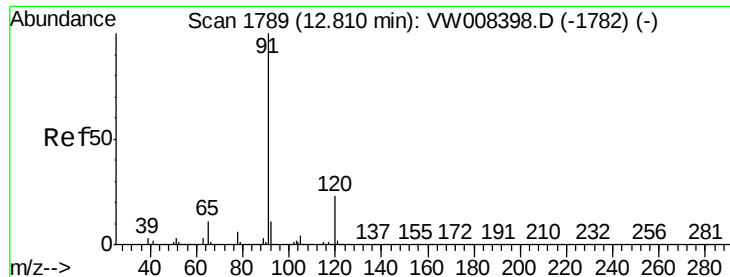
77 2.2 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 7.028 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

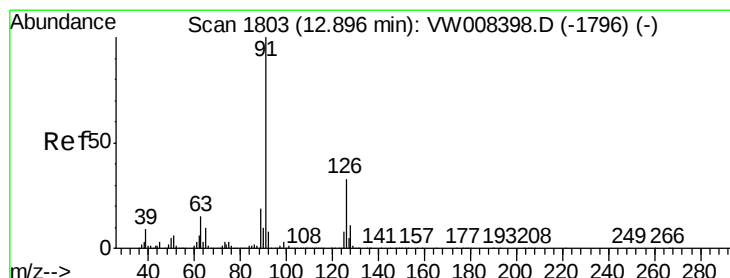
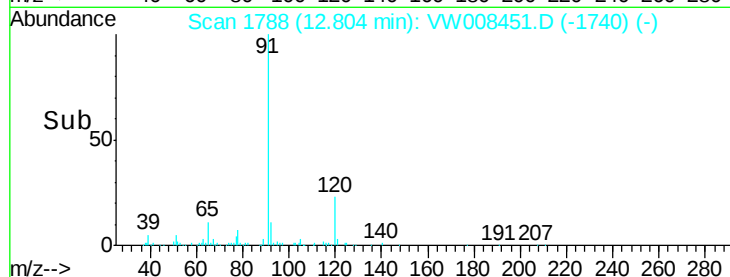
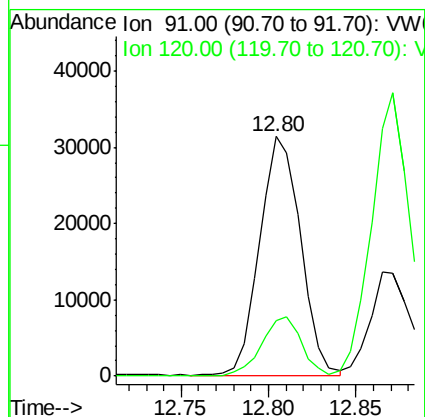
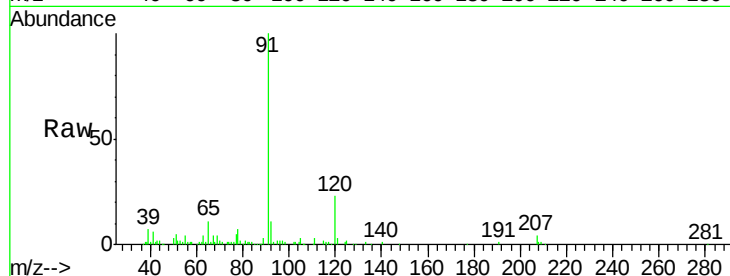
HD-01-012819

Tgt Ion: 91 Resp: 50707

Ion Ratio Lower Upper

91 100

120 24.4 11.4 34.1



#79

2-Chlorotoluene

Concen: 4.854 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. -0.03 min

Lab File: VW008451.D

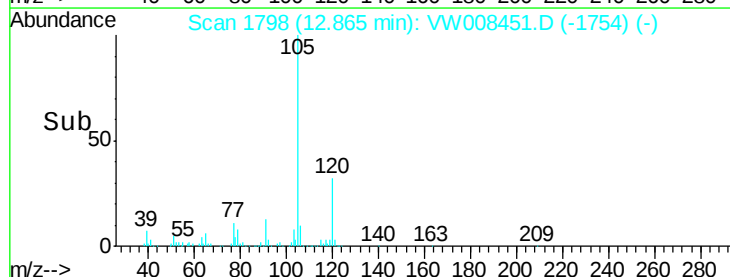
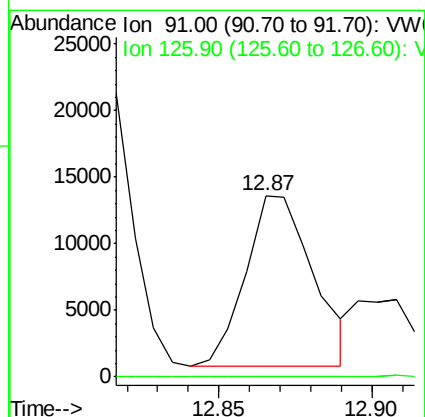
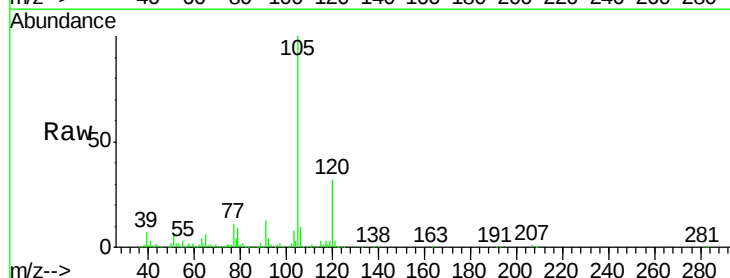
Acq: 29 Jan 2019 15:01

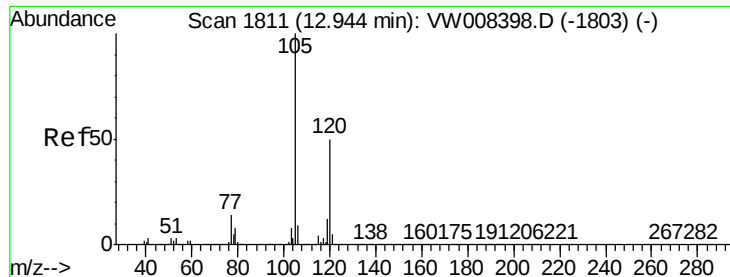
Tgt Ion: 91 Resp: 19762

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#





#80

1,3,5-Trimethylbenzene

Concen: 16.237 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

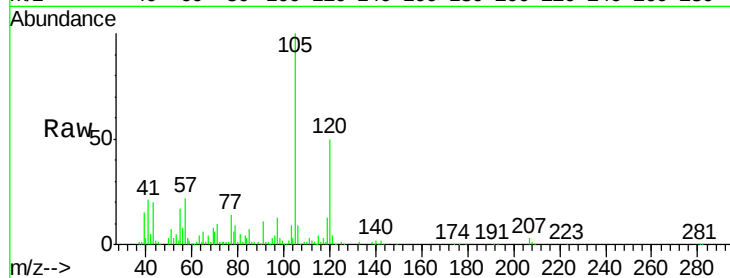
HD-01-012819

Tgt Ion: 105 Resp: 81531

Ion Ratio Lower Upper

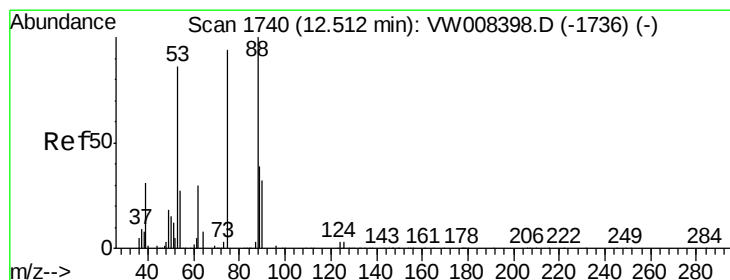
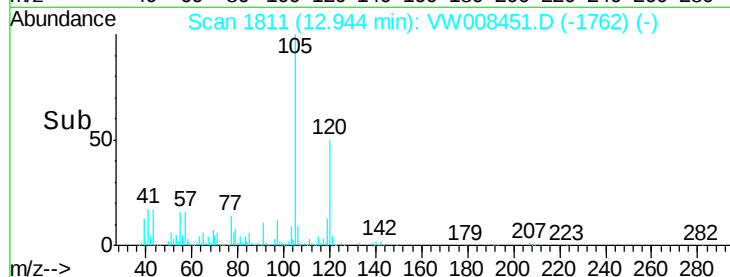
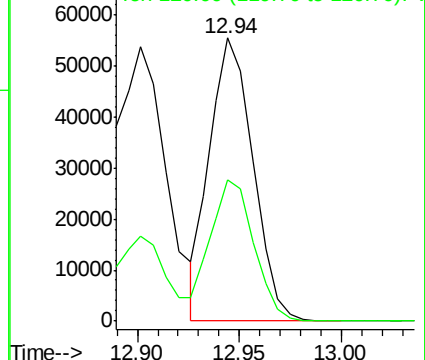
105 100

120 50.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 131.947 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

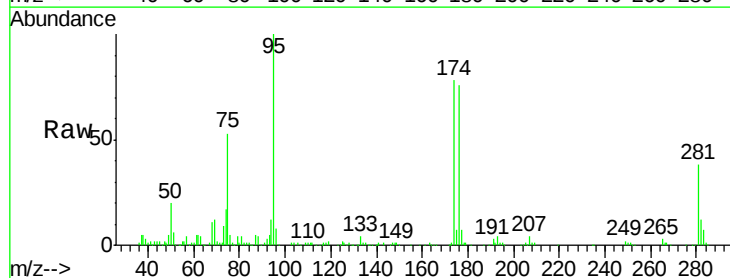
Tgt Ion: 75 Resp: 46804

Ion Ratio Lower Upper

75 100

53 0.8 76.0 114.0#

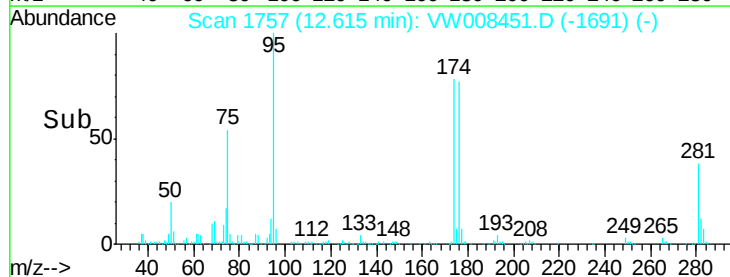
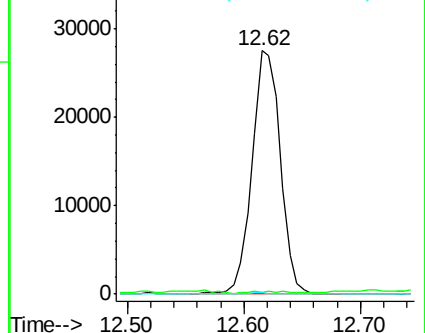
89 0.2 35.4 53.0#

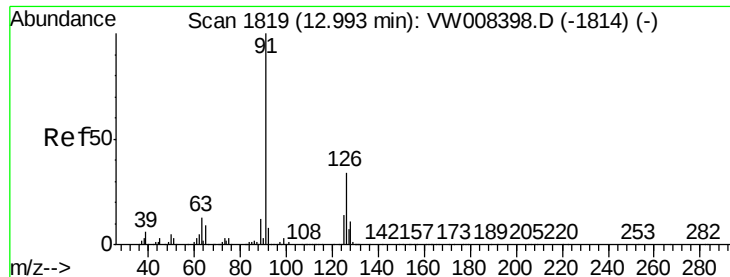


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

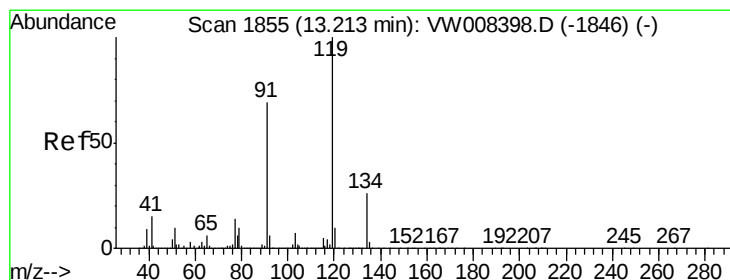
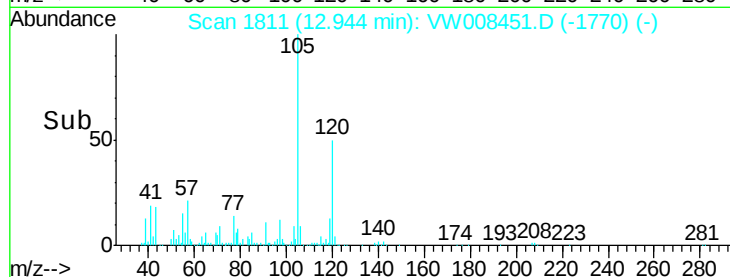
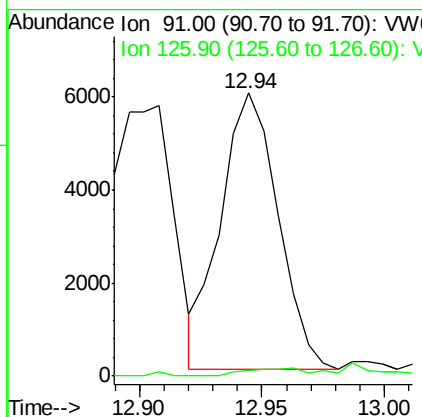
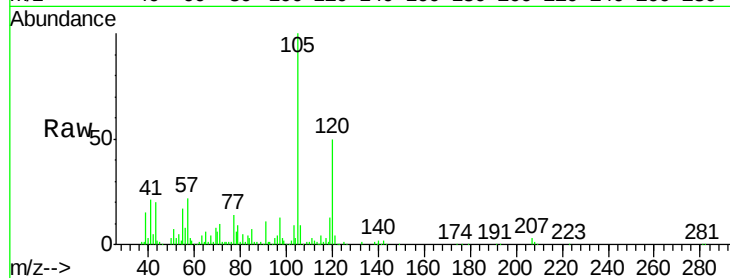




#82
4-Chlorotoluene
Concen: 2.231 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

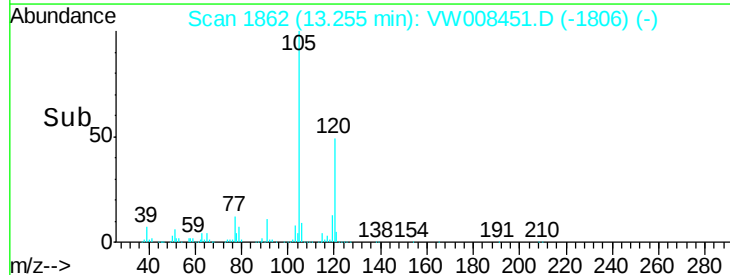
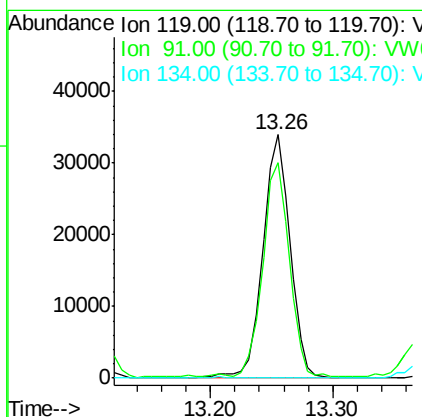
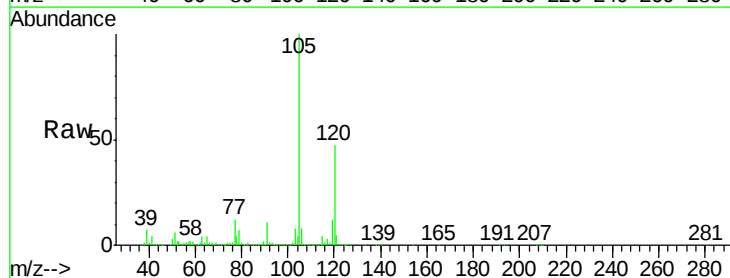
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

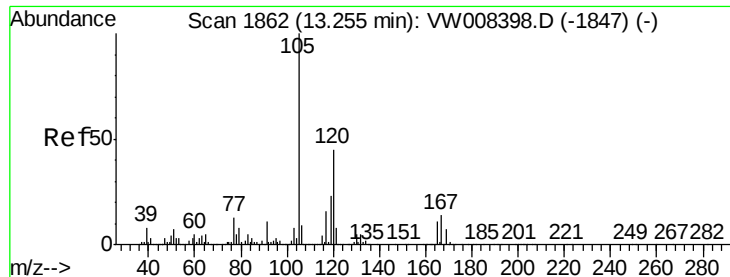
Tgt Ion: 91 Resp: 9670
Ion Ratio Lower Upper
91 100
126 3.0 16.4 49.2#



#83
tert-Butylbenzene
Concen: 11.791 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Tgt Ion: 119 Resp: 52687
Ion Ratio Lower Upper
119 100
91 85.5 33.8 101.4
134 0.0 13.5 40.4#

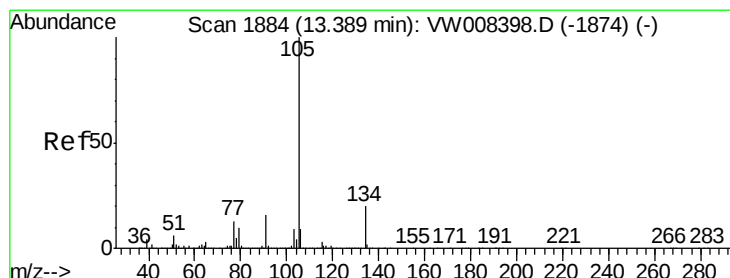
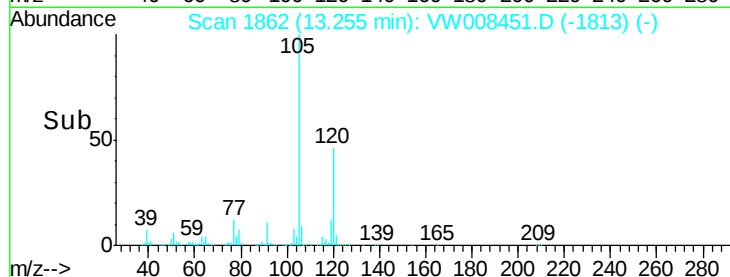
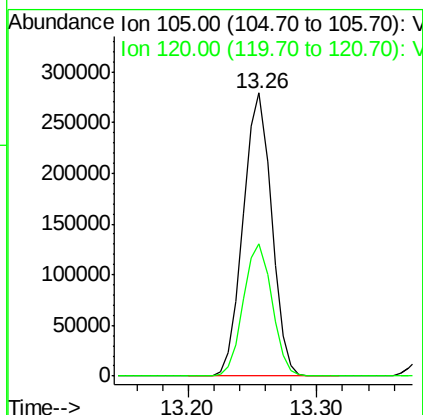
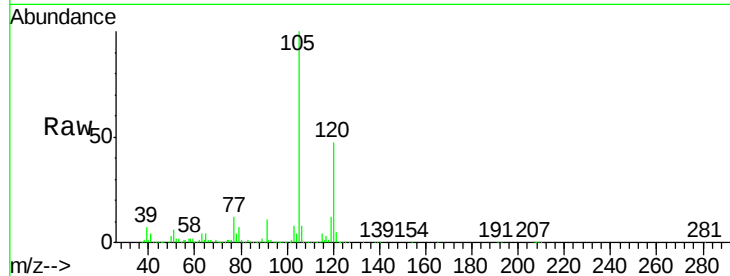




#84
1,2,4-Trimethylbenzene
Concen: 83.222 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

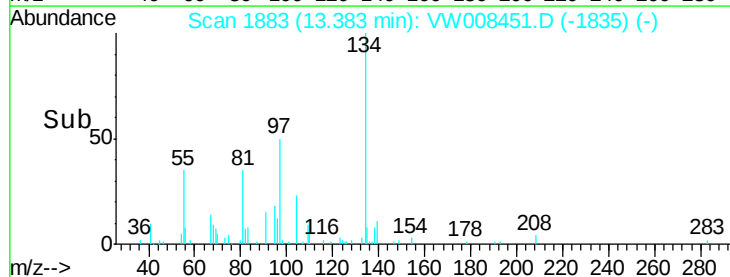
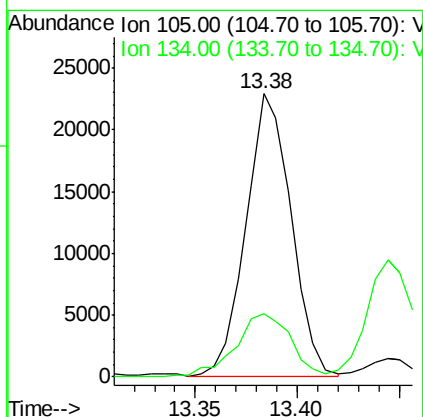
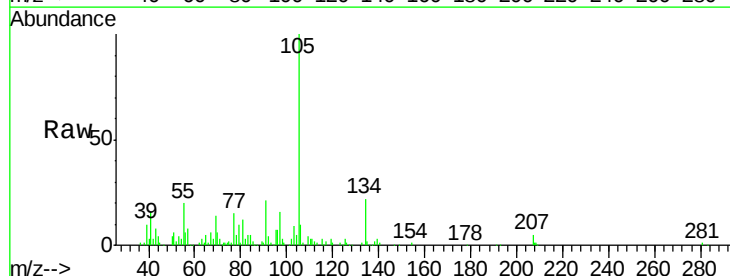
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

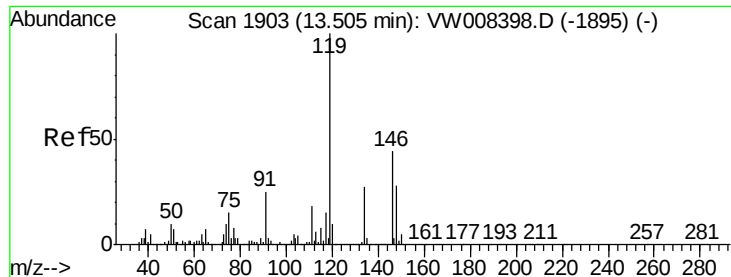
Tgt Ion:105 Resp: 424741
Ion Ratio Lower Upper
105 100
120 47.4 23.1 69.2



#85
sec-Butylbenzene
Concen: 5.496 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Tgt Ion:105 Resp: 35075
Ion Ratio Lower Upper
105 100
134 27.4 10.2 30.6

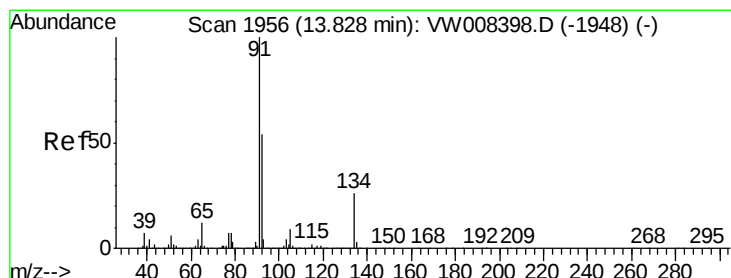
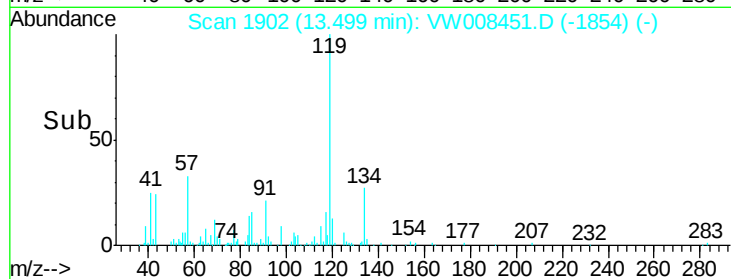
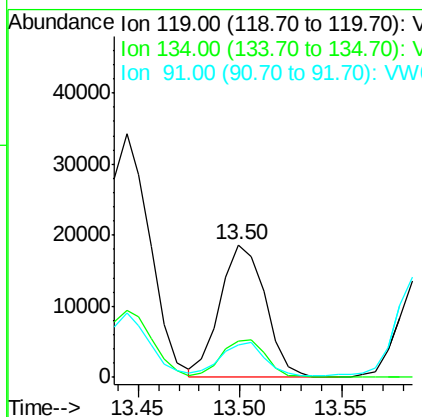
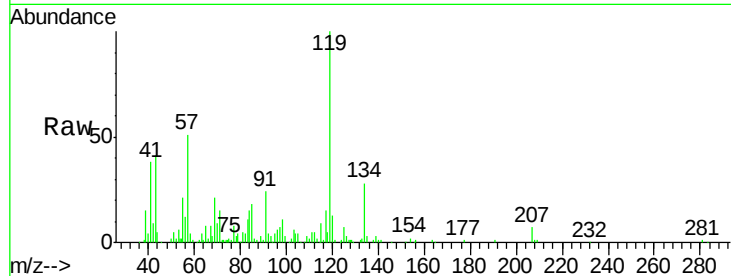




#86
 p-Isopropyltoluene
 Concen: 5.070 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008451.D
 Acq: 29 Jan 2019 15:01

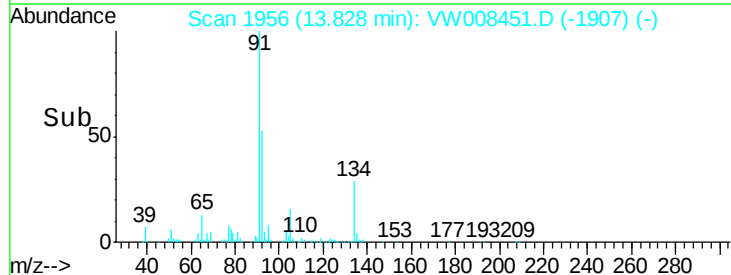
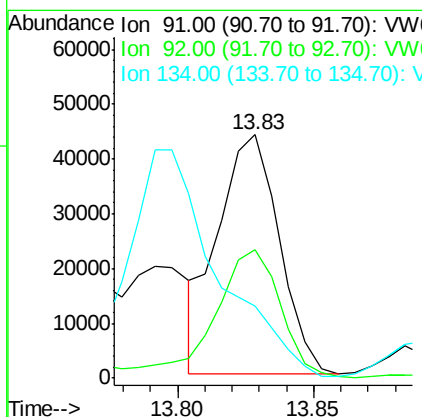
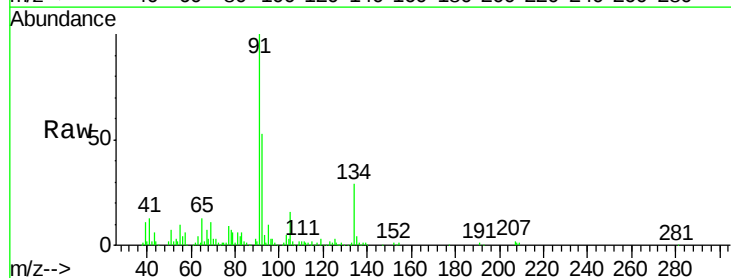
Instrument :
 MSVOA_W
 ClientSampled :
 HD-01-012819

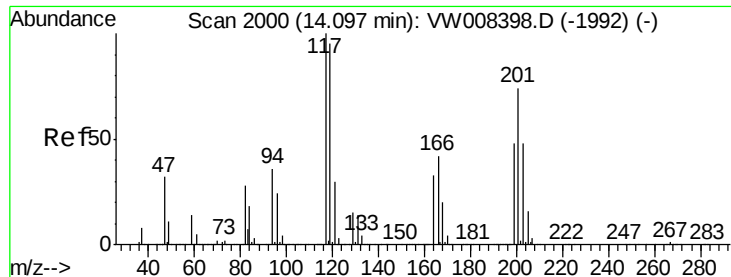
Tgt Ion:	119	Resp:	28339
Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.4	40.2
91	24.9	12.6	37.6



#89
 n-Butylbenzene
 Concen: 12.396 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW008451.D
 Acq: 29 Jan 2019 15:01

Tgt Ion:	91	Resp:	68034
Ion	Ratio	Lower	Upper
91	100		
92	57.2	27.4	82.2
134	0.0	13.0	39.0#





#90

Hexachloroethane

Concen: 17.196 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

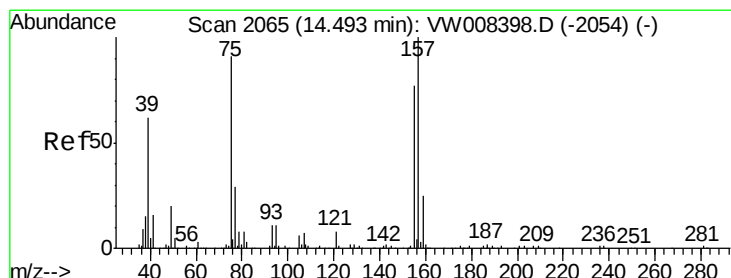
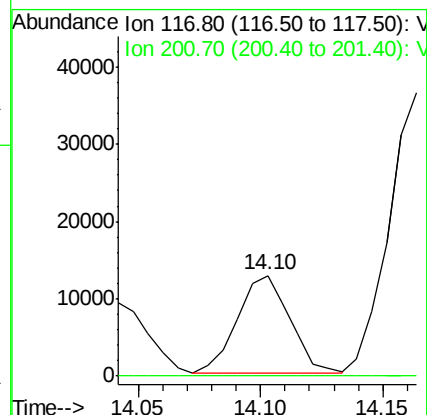
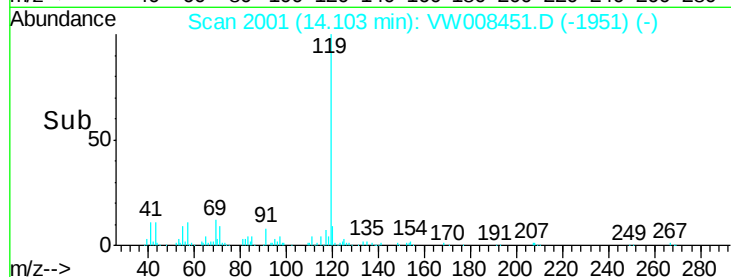
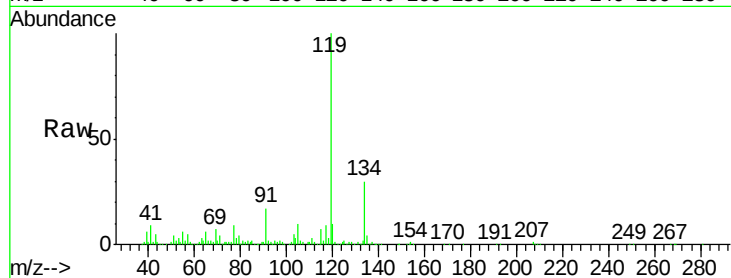
HD-01-012819

Tgt Ion: 117 Resp: 18798

Ion Ratio Lower Upper

117 100

201 0.0 39.1 117.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.599 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW008451.D

Acq: 29 Jan 2019 15:01

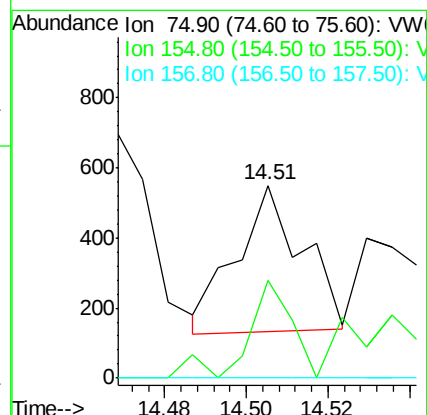
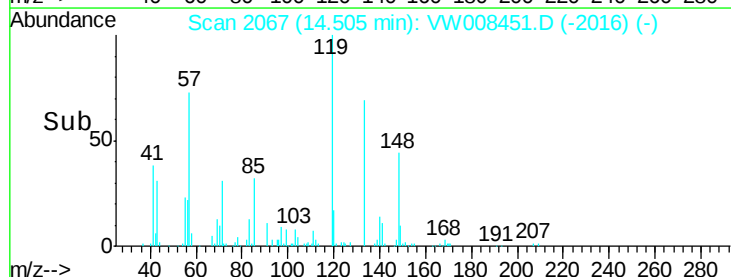
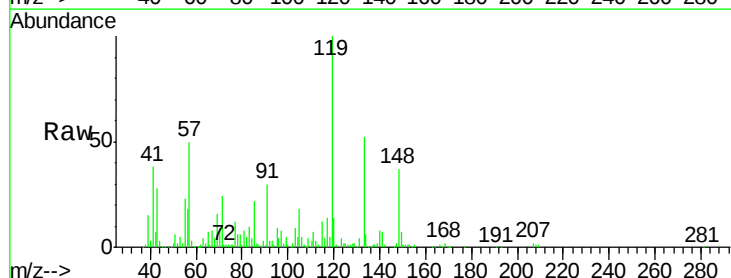
Tgt Ion: 75 Resp: 469

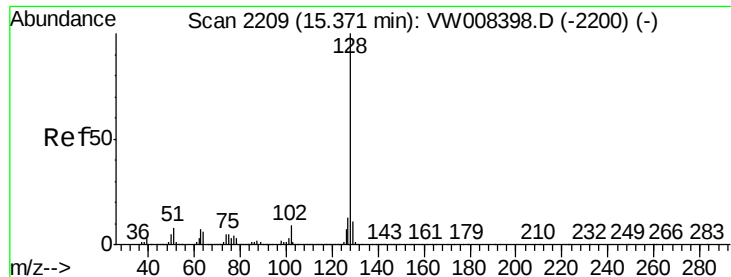
Ion Ratio Lower Upper

75 100

155 44.6 42.7 128.1

157 0.0 55.5 166.3#

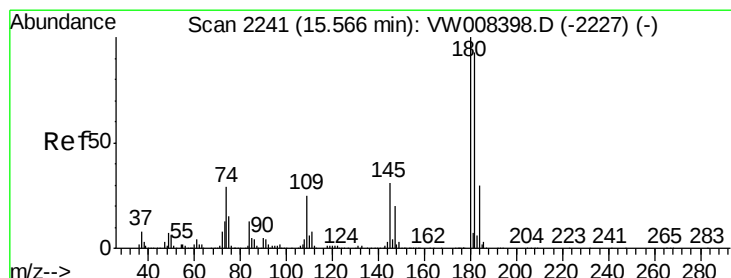
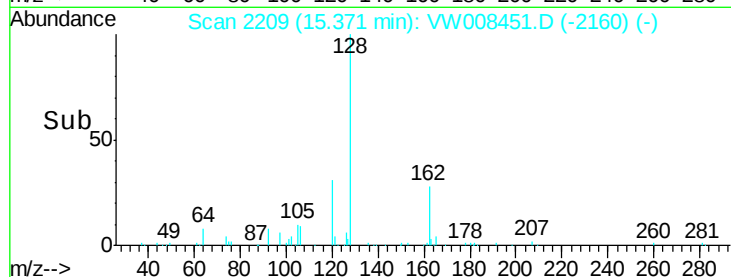
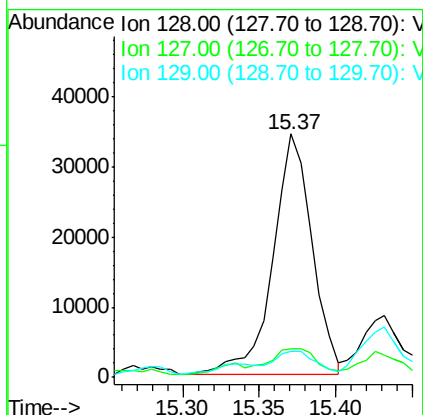
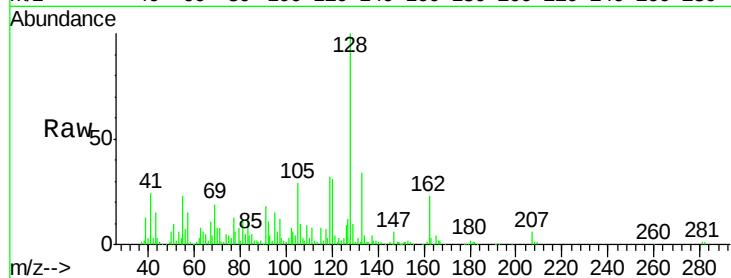




#95
Naphthalene
Concen: 20.624 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

Tgt Ion:128 Resp: 60586
Ion Ratio Lower Upper
128 100
127 11.4 10.6 15.8
129 8.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.778 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW008451.D
Acq: 29 Jan 2019 15:01

Tgt Ion:180 Resp: 2524
Ion Ratio Lower Upper
180 100
182 17.6 47.0 141.2#
145 0.0 15.9 47.6#

