

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011119\
 Data File : VW008236.D
 Acq On : 12 Jan 2019 12:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 14 11:07:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	80276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	144145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68161	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47112	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.88	113	44716	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.32	98	177390	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	62034	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	26486	40.427	ug/l	99
3) Chloromethane	2.21	50	37991	44.697	ug/l	98
4) Vinyl Chloride	2.37	62	49186	44.338	ug/l	99
5) Bromomethane	2.78	94	41588	50.045	ug/l	95
6) Chloroethane	2.93	64	34315	41.108	ug/l	97
7) Trichlorofluoromethane	3.26	101	37045	41.076	ug/l	93
8) Diethyl Ether	3.68	74	25543	50.100	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39207	43.787	ug/l	96
10) Methyl Iodide	4.26	142	64476	49.407	ug/l	98
11) Tert butyl alcohol	5.21	59	14290	259.552	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	40020	45.523	ug/l	98
13) Acrolein	3.89	56	13408	223.058	ug/l	99
14) Allyl chloride	4.66	41	72983	45.725	ug/l	98
15) Acrylonitrile	5.37	53	54777	282.200	ug/l	100
16) Acetone	4.13	43	41279	254.951	ug/l #	88
17) Carbon Disulfide	4.37	76	124815	45.449	ug/l	99
18) Methyl Acetate	4.67	43	36280	63.623	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	75105	52.551	ug/l	99
20) Methylene Chloride	4.91	84	50757	57.899	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	47119	49.321	ug/l	92
22) Diisopropyl ether	6.31	45	160990	52.886	ug/l	99
23) Vinyl Acetate	6.26	43	410467	256.744	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89028	50.195	ug/l	99
25) 2-Butanone	7.18	43	69865	278.314	ug/l	93
26) 2,2-Dichloropropane	7.17	77	49394	41.101	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	53972	51.780	ug/l	95
28) Bromochloromethane	7.51	49	38009	54.179	ug/l	95
29) Tetrahydrofuran	7.53	42	48252	287.755	ug/l	99
30) Chloroform	7.67	83	90608	53.670	ug/l	100
31) Cyclohexane	7.95	56	78921	41.565	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	73306	49.903	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69963	47.118	ug/l	98
37) Ethyl Acetate	7.25	43	31198	52.445	ug/l	97
38) Carbon Tetrachloride	8.07	117	64491	47.453	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83477	44.338	ug/l	93
40) Benzene	8.32	78	206875	51.368	ug/l	100
41) Methacrylonitrile	7.48	41	18230	48.513	ug/l	95
42) 1,2-Dichloroethane	8.40	62	58285	51.457	ug/l	99
43) Isopropyl Acetate	8.43	43	63021	52.986	ug/l	99
44) Trichloroethene	9.09	130	51904	50.346	ug/l	97
45) 1,2-Dichloropropane	9.37	63	53322	53.397	ug/l #	88
46) Dibromomethane	9.46	93	26602	54.244	ug/l	97
47) Bromodichloromethane	9.65	83	68552	55.050	ug/l	98
48) Methyl methacrylate	9.43	41	30729	54.754	ug/l	90
49) 1,4-Dioxane	9.46	88	8825	1118.958	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	161910	281.228	ug/l	100
52) Toluene	10.39	92	135147	52.546	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66796	51.568	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	78963	51.409	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38566	56.011	ug/l	96
56) Ethyl methacrylate	10.65	69	48957	57.414	ug/l	99
57) 1,3-Dichloropropane	10.93	76	68937	54.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	122659	278.477	ug/l	98
59) 2-Hexanone	10.97	43	108088	277.625	ug/l	99
60) Dibromochloromethane	11.13	129	45167	59.737	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38105	58.324	ug/l	99
64) Tetrachloroethene	10.86	164	48795	55.509	ug/l	97
65) Chlorobenzene	11.66	112	146079	51.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49775	53.478	ug/l	99
67) Ethyl Benzene	11.73	91	256543	48.996	ug/l	97
68) m/p-Xylenes	11.84	106	198782	99.465	ug/l	98
69) o-Xylene	12.17	106	93110	50.311	ug/l	99
70) Styrene	12.18	104	156408	53.956	ug/l	98
71) Bromoform	12.35	173	25275	60.676	ug/l #	97
73) Isopropylbenzene	12.47	105	252673	47.217	ug/l	98
74) N-amyl acetate	12.27	43	56294	47.503	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45249	52.827	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	58979	94.919	ug/l #	1
77) Bromobenzene	12.75	156	56980	50.393	ug/l	93
78) n-propylbenzene	12.81	91	297885	45.431	ug/l	99
79) 2-Chlorotoluene	12.90	91	170486	46.605	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	207139	47.104	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	12598	47.214	ug/l	99
82) 4-Chlorotoluene	12.99	91	178790	46.406	ug/l	98
83) tert-Butylbenzene	13.21	119	183229	47.098	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	213105	46.987	ug/l	98
85) sec-Butylbenzene	13.39	105	257235	45.138	ug/l	98
86) p-Isopropyltoluene	13.50	119	226276	45.980	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113855	49.638	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	112205	48.758	ug/l	99
89) n-Butylbenzene	13.83	91	209471	43.460	ug/l	100
90) Hexachloroethane	14.10	117	40140	48.291	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	100460	49.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7202	52.247	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

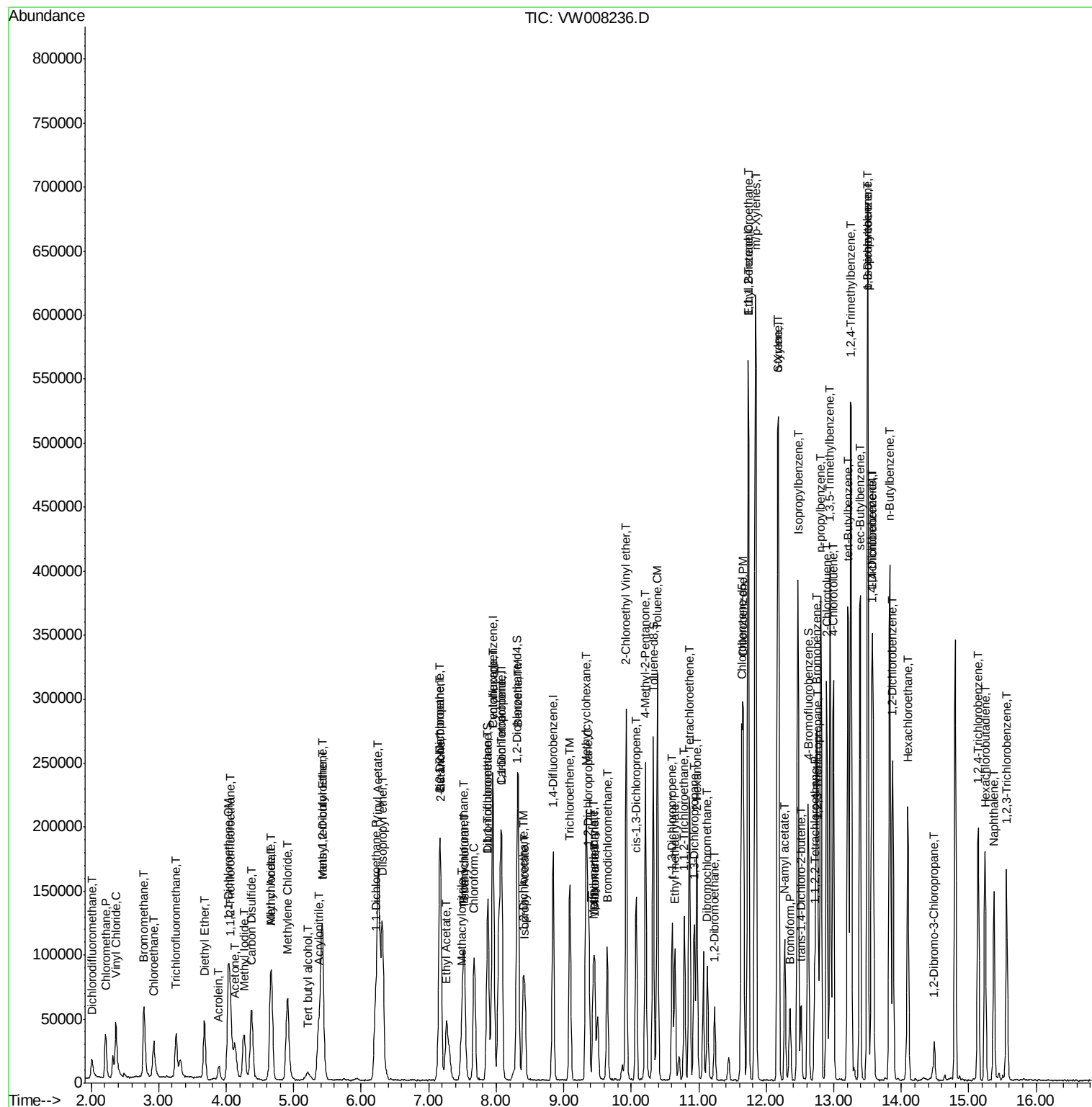
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61383	45.865	ug/l	98
94) Hexachlorobutadiene	15.24	225	32254	45.027	ug/l	99
95) Naphthalene	15.37	128	122010	48.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	54335	47.625	ug/l	98

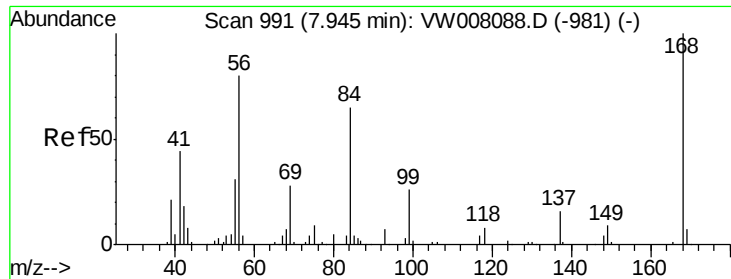
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

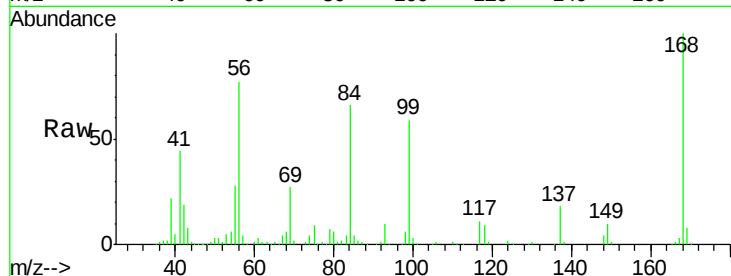
VSTDCCC050EC

Tgt Ion:168 Resp: 80276

Ion Ratio Lower Upper

168 100

99 59.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

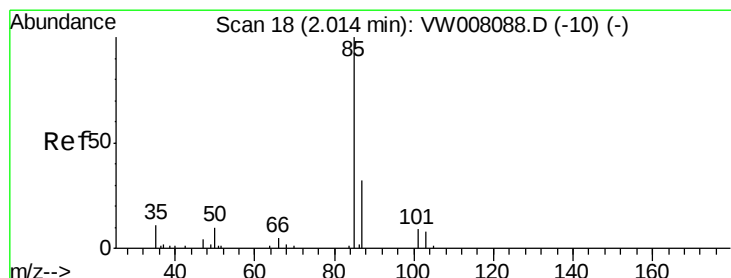
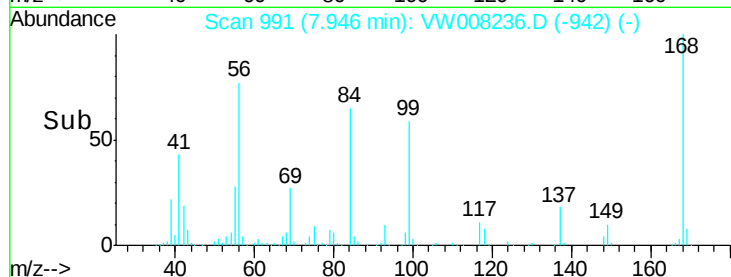
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 40.427 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008236.D

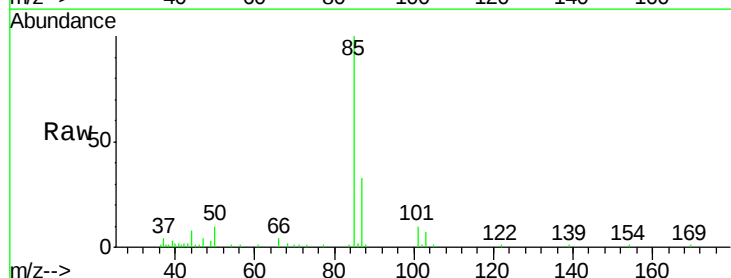
Acq: 12 Jan 2019 12:00

Tgt Ion: 85 Resp: 26486

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

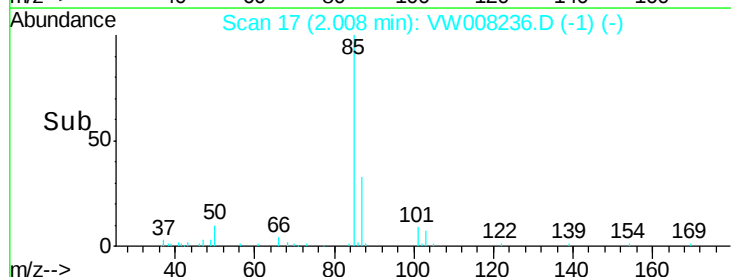
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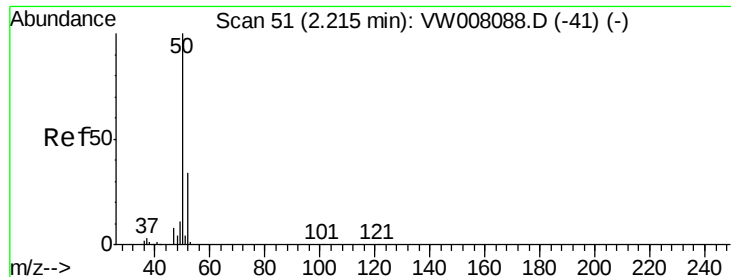
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 44.697 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

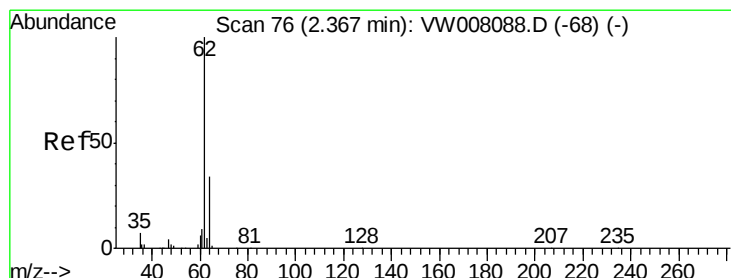
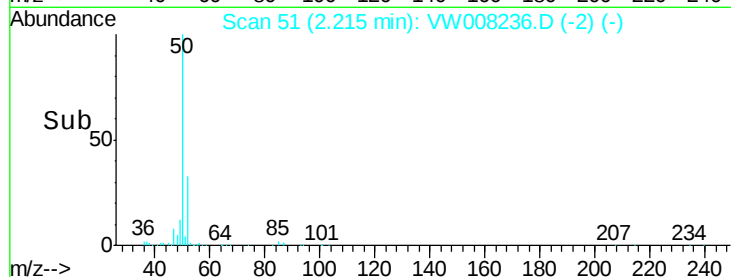
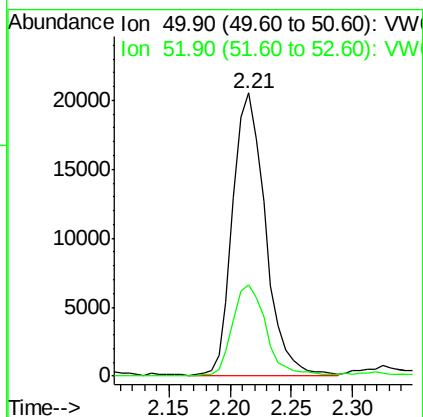
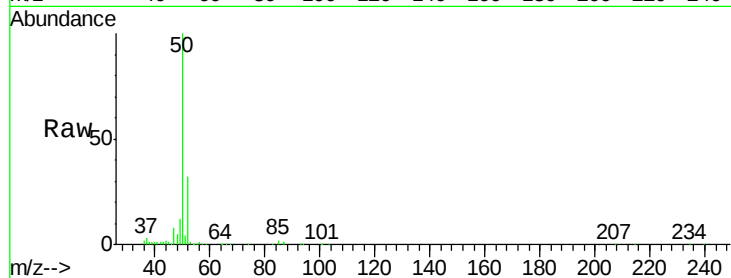
VSTDCCC050EC

Tgt Ion: 50 Resp: 37991

Ion Ratio Lower Upper

50 100

52 32.5 26.8 40.2



#4

Vinyl Chloride

Concen: 44.338 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008236.D

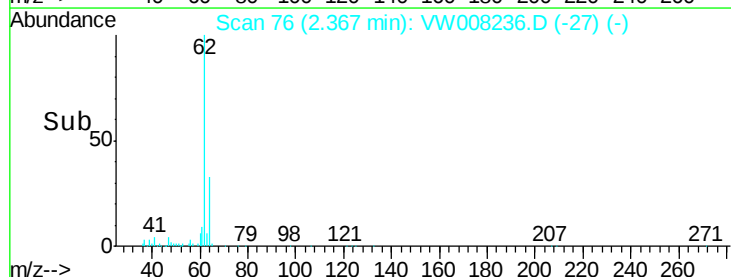
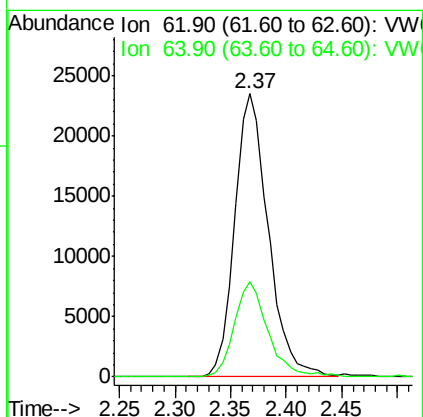
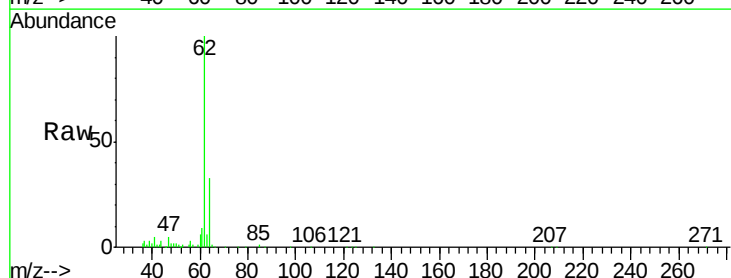
Acq: 12 Jan 2019 12:00

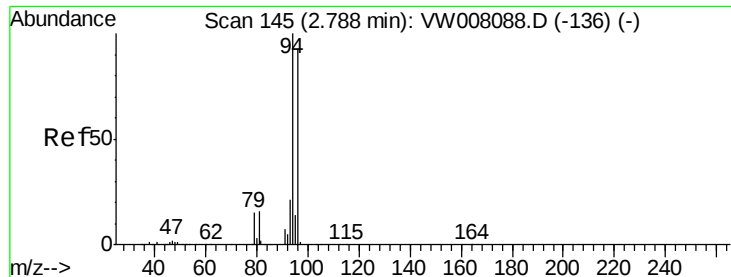
Tgt Ion: 62 Resp: 49186

Ion Ratio Lower Upper

62 100

64 33.5 27.0 40.6





#5

Bromomethane

Concen: 50.045 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

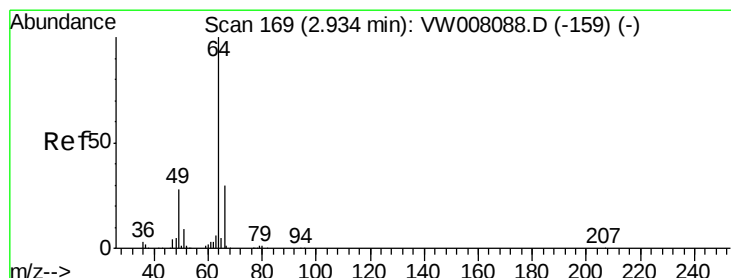
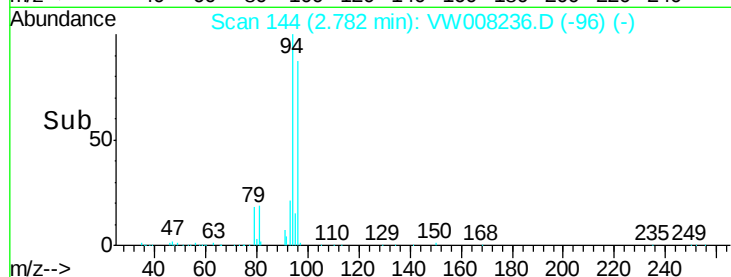
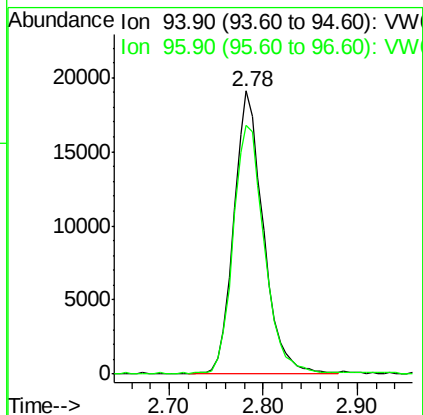
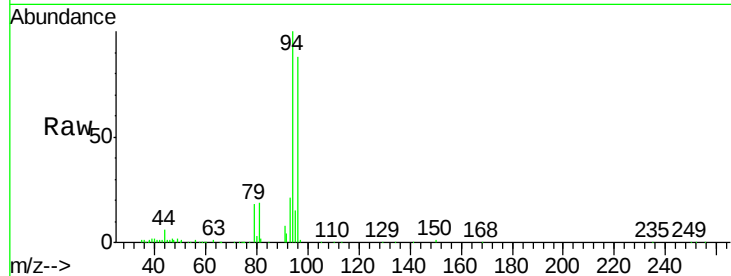
VSTDCCC050EC

Tgt Ion: 94 Resp: 41588

Ion Ratio Lower Upper

94 100

96 87.5 74.1 111.1



#6

Chloroethane

Concen: 41.108 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008236.D

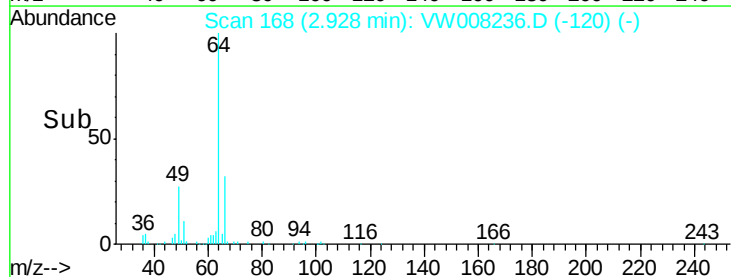
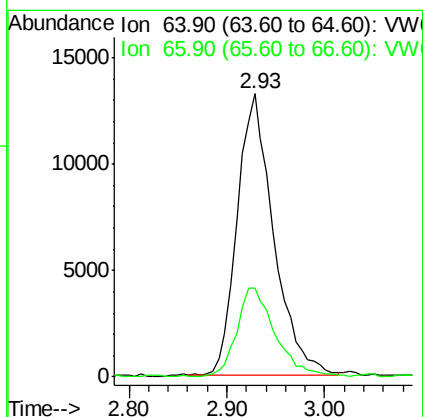
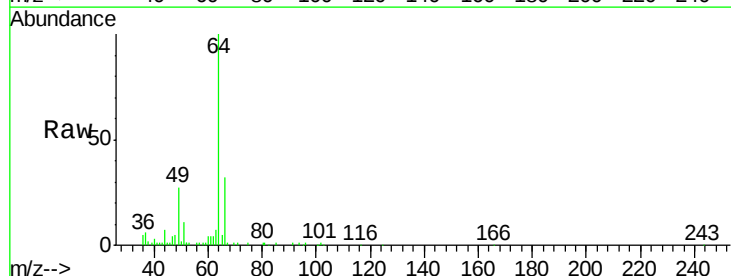
Acq: 12 Jan 2019 12:00

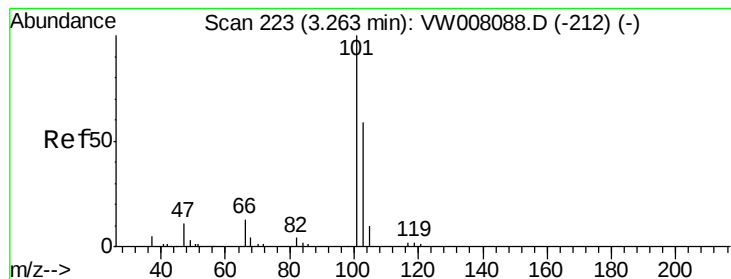
Tgt Ion: 64 Resp: 34315

Ion Ratio Lower Upper

64 100

66 31.8 24.2 36.2



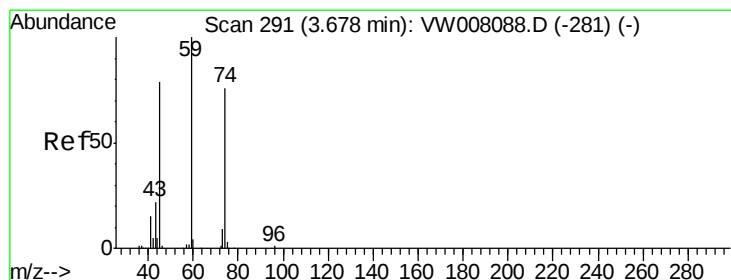
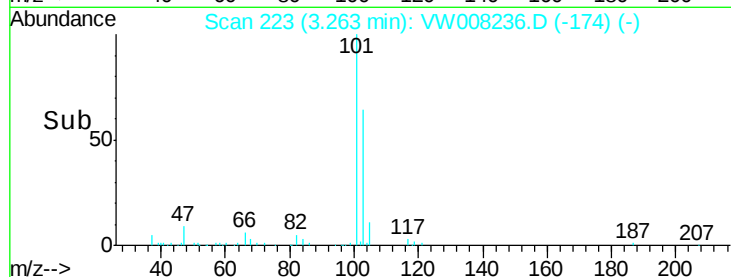
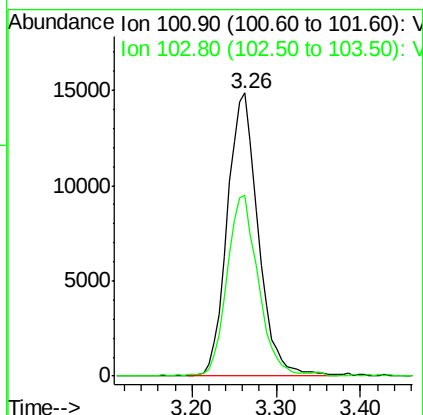
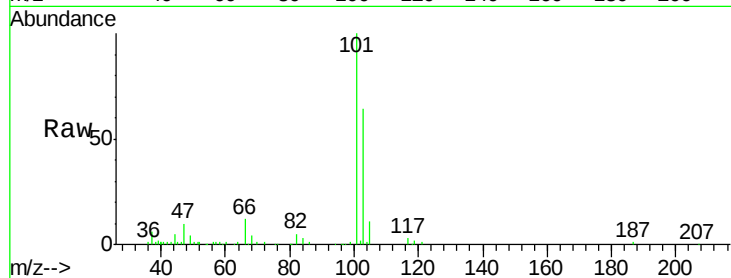


#7

Trichlorofluoromethane
 Concen: 41.076 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

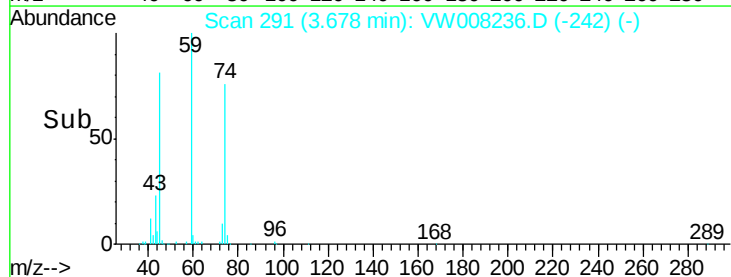
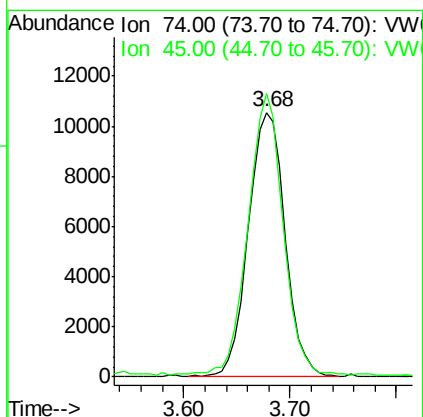
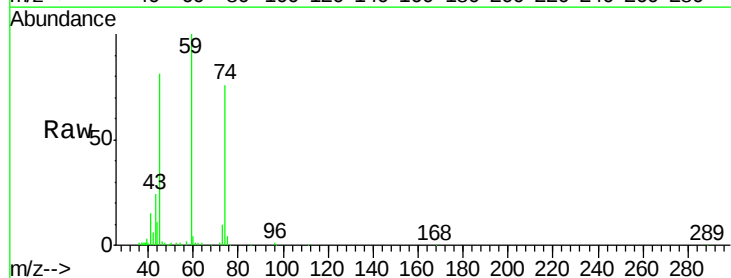
Tgt Ion:101 Resp: 37045
 Ion Ratio Lower Upper
 101 100
 103 63.9 47.0 70.6

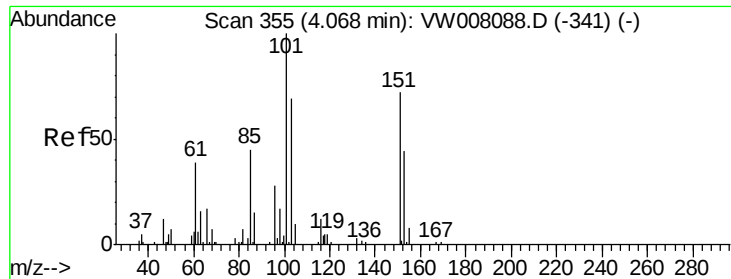


#8

Diethyl Ether
 Concen: 50.100 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 74 Resp: 25543
 Ion Ratio Lower Upper
 74 100
 45 100.4 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.787 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

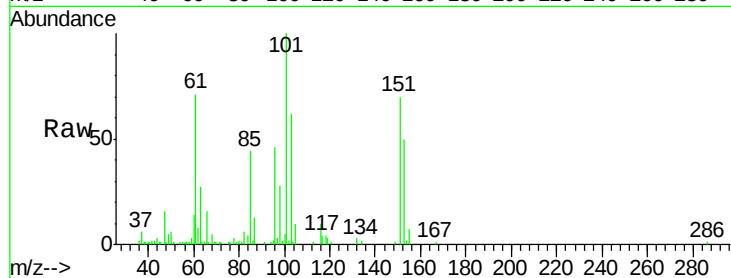
Tgt Ion:101 Resp: 39207

Ion Ratio Lower Upper

101 100

85 47.0 35.9 53.9

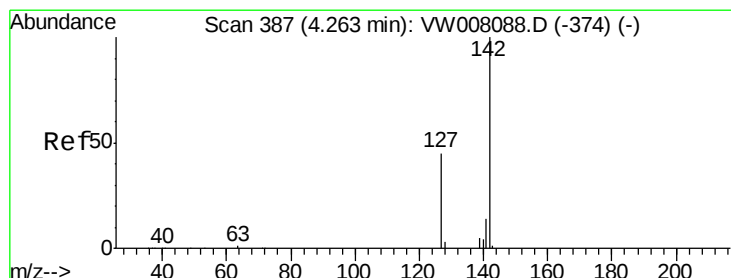
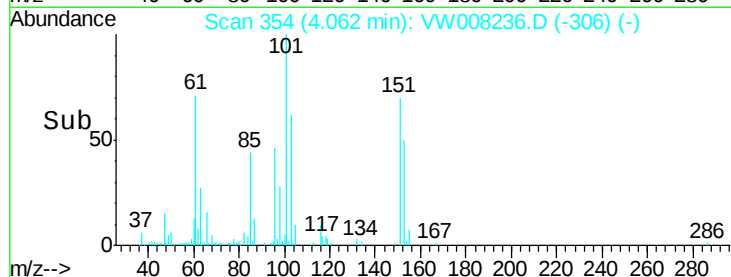
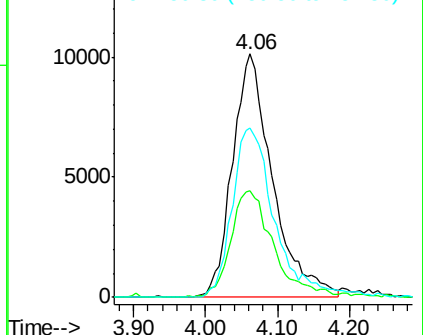
151 73.7 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.407 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

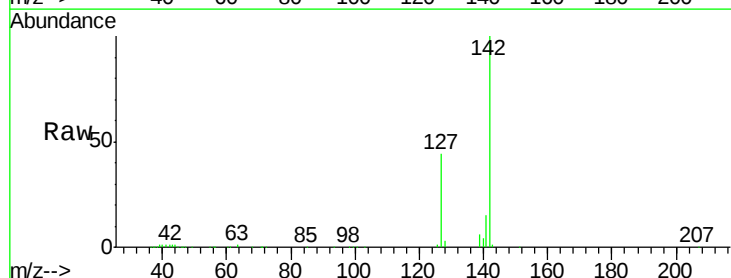
Tgt Ion:142 Resp: 64476

Ion Ratio Lower Upper

142 100

127 45.1 35.0 52.4

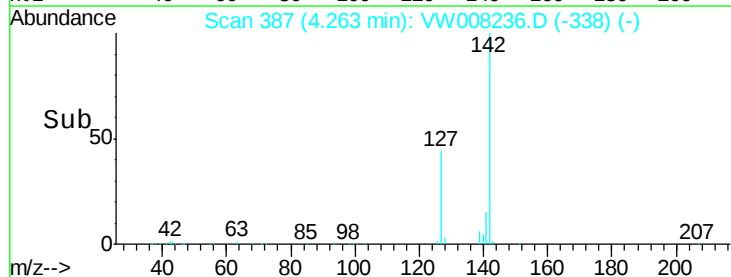
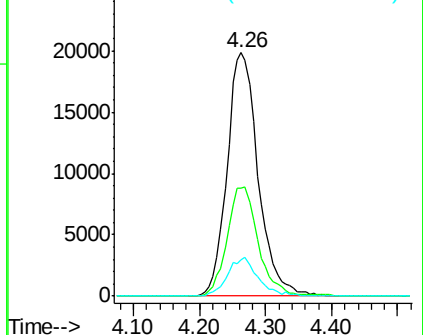
141 15.5 11.8 17.6

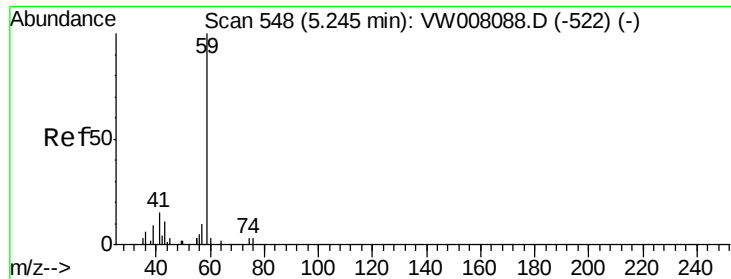


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

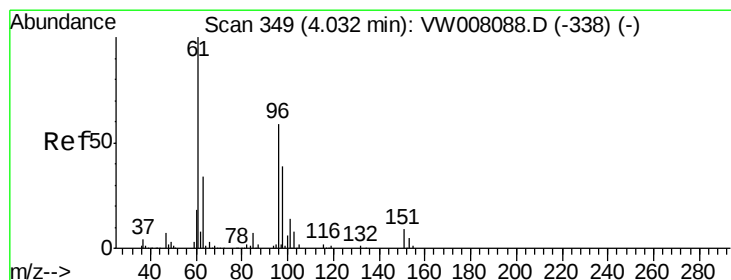
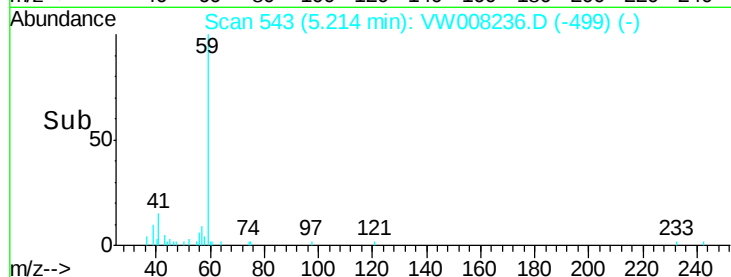
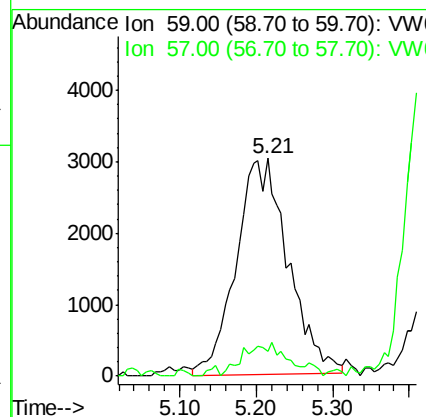
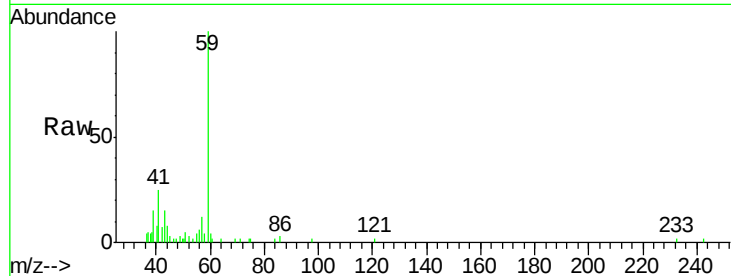




#11
Tert butyl alcohol
Concen: 259.552 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.03 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

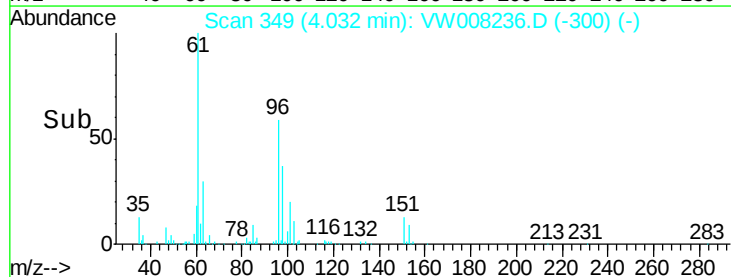
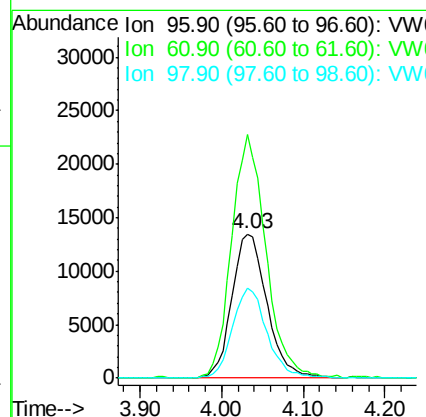
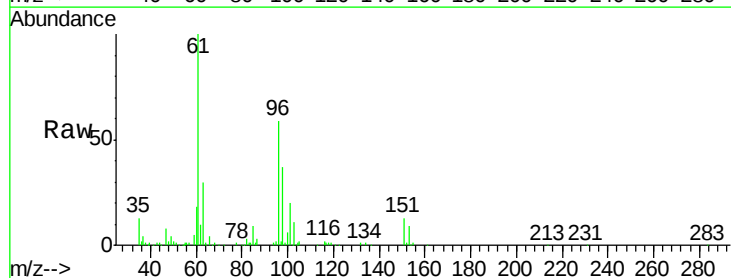
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

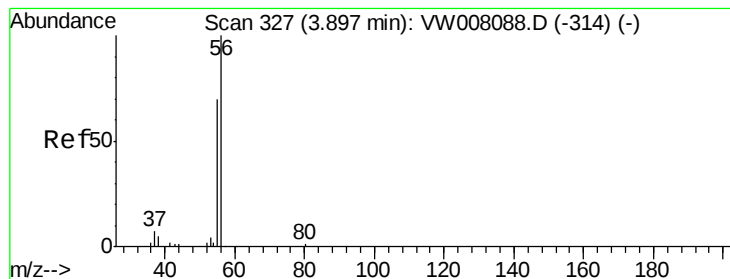
Tgt Ion: 59 Resp: 14290
Ion Ratio Lower Upper
59 100
57 7.3 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 45.523 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 96 Resp: 40020
Ion Ratio Lower Upper
96 100
61 168.7 135.4 203.2
98 62.1 52.5 78.7





#13

Acrolein

Concen: 223.058 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

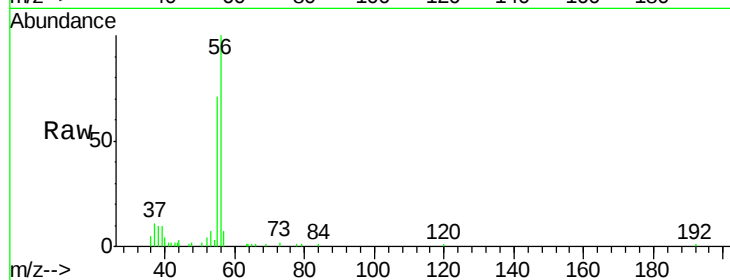
VSTDCCC050EC

Tgt Ion: 56 Resp: 13408

Ion Ratio Lower Upper

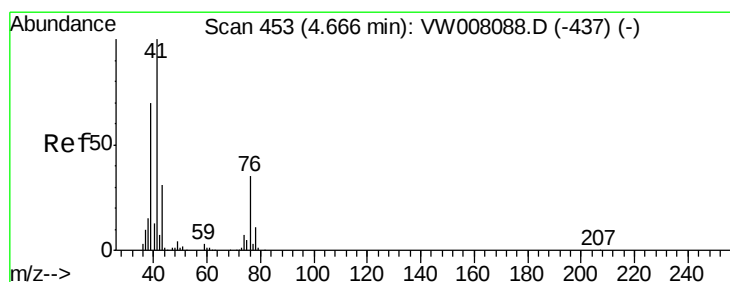
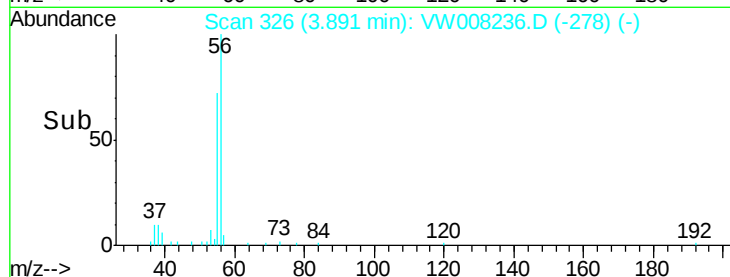
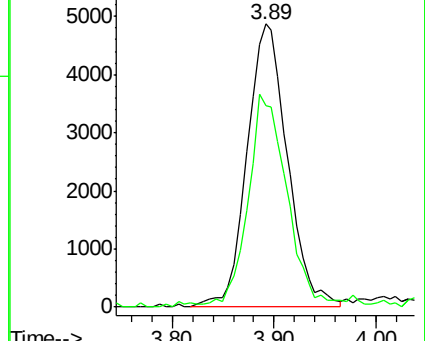
56 100

55 69.8 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 45.725 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

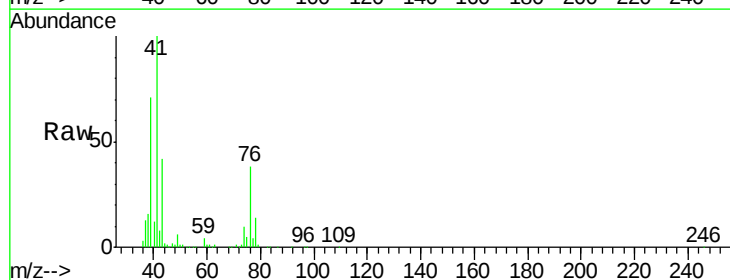
Tgt Ion: 41 Resp: 72983

Ion Ratio Lower Upper

41 100

39 69.0 53.8 80.8

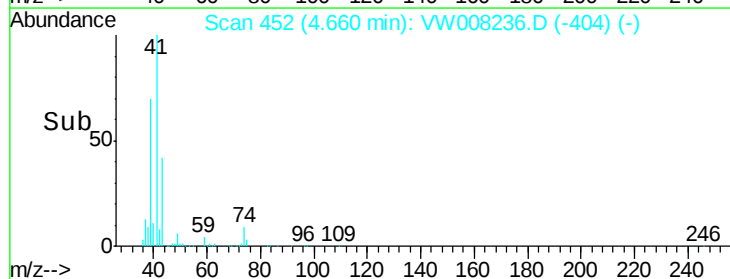
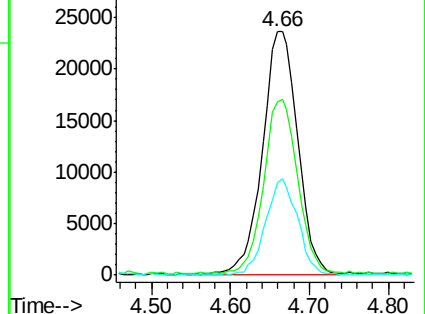
76 36.2 27.6 41.4

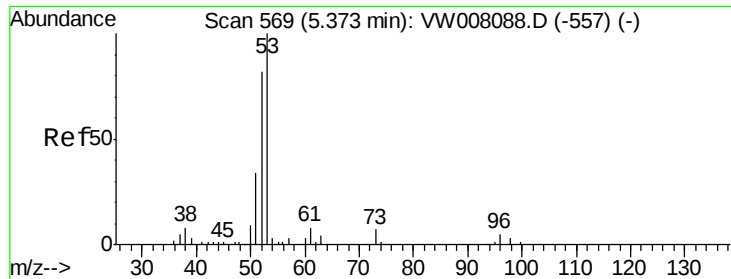


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 282.200 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

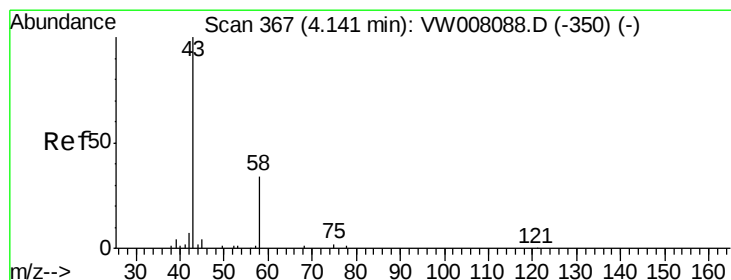
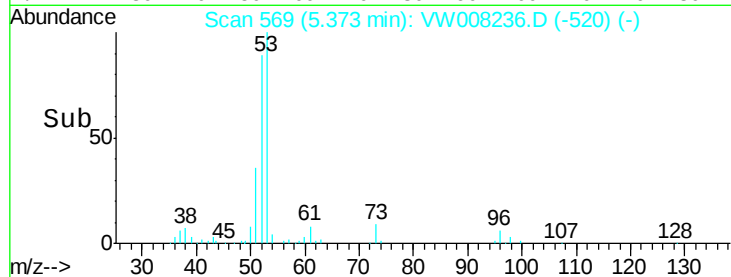
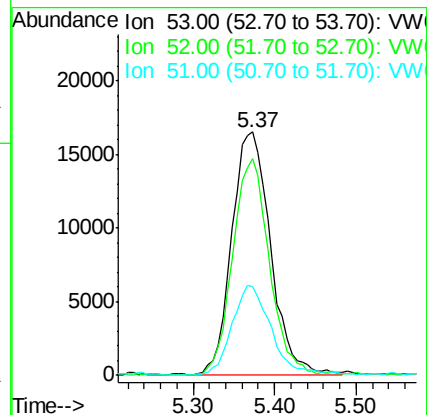
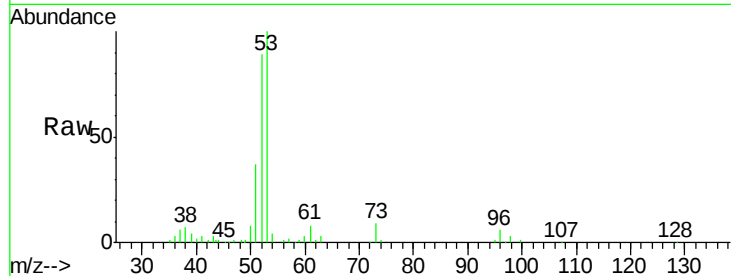
Tgt Ion: 53 Resp: 54777

Ion Ratio Lower Upper

53 100

52 83.4 66.8 100.2

51 37.0 29.7 44.5



#16

Acetone

Concen: 254.951 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008236.D

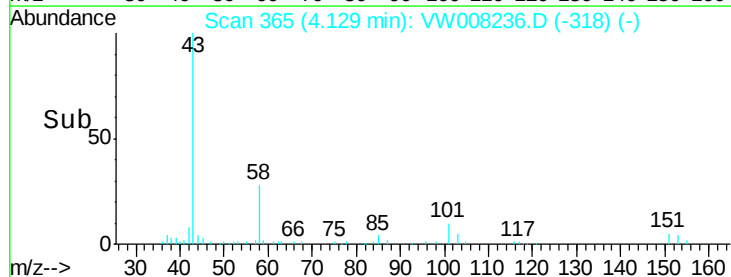
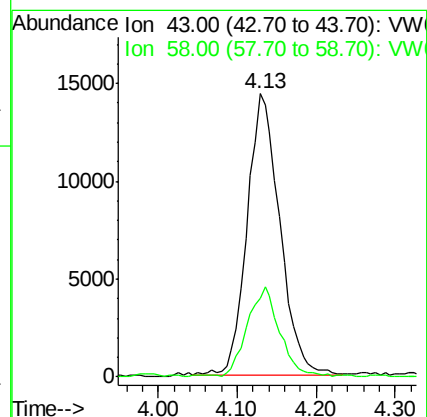
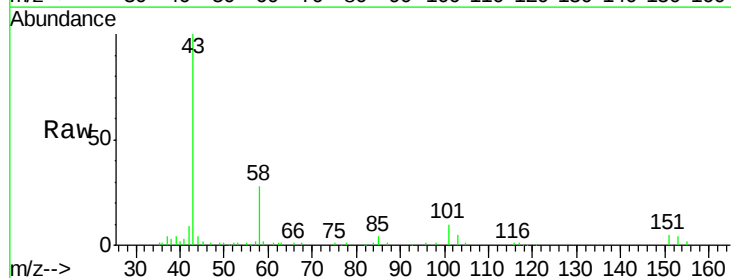
Acq: 12 Jan 2019 12:00

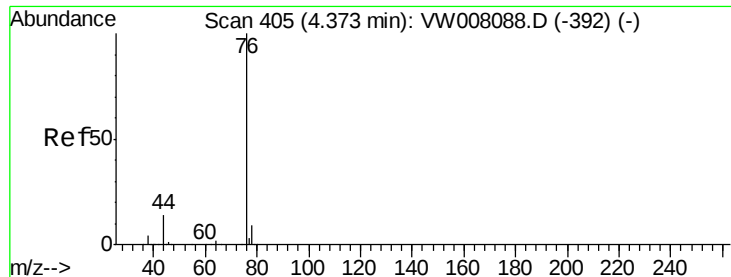
Tgt Ion: 43 Resp: 41279

Ion Ratio Lower Upper

43 100

58 27.4 27.5 41.3#





#17

Carbon Disulfide

Concen: 45.449 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

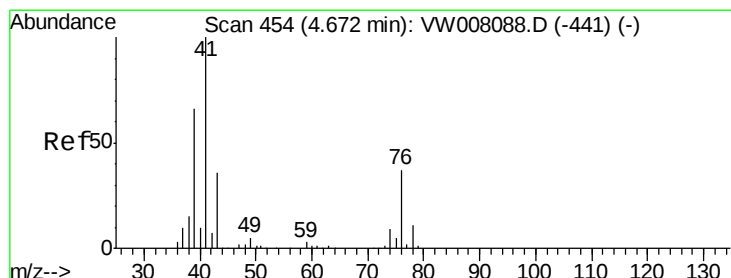
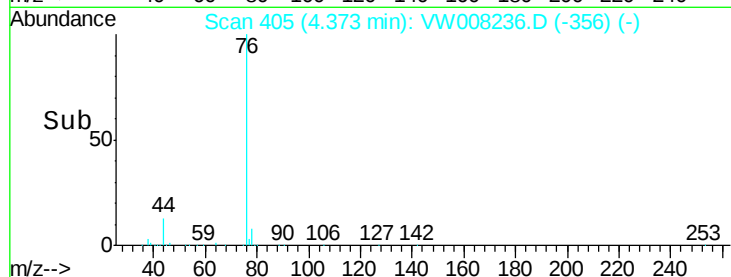
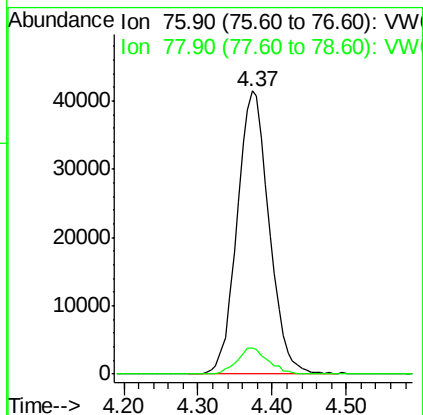
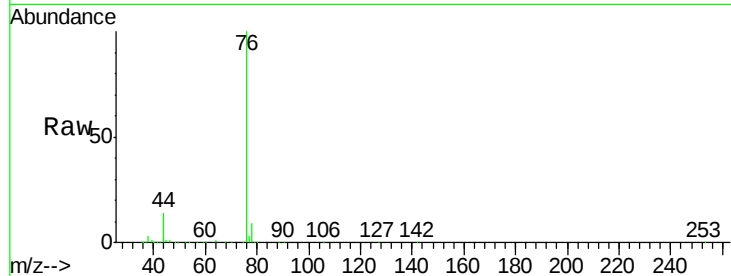
VSTDCCC050EC

Tgt Ion: 76 Resp: 124815

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 63.623 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008236.D

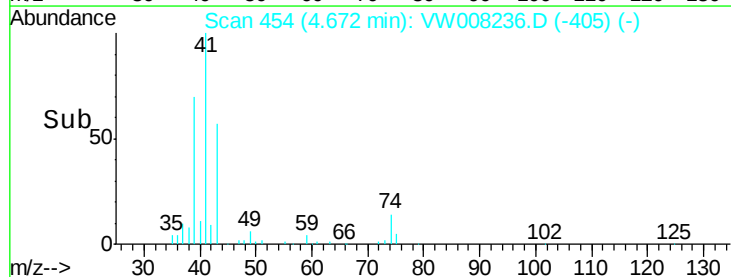
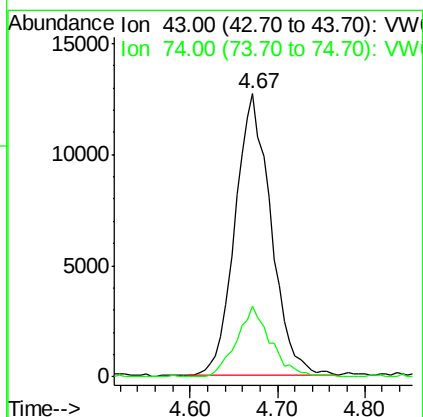
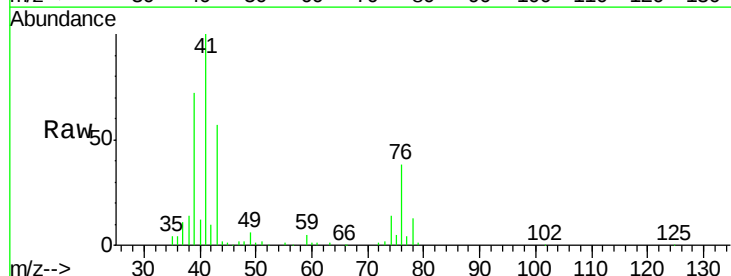
Acq: 12 Jan 2019 12:00

Tgt Ion: 43 Resp: 36280

Ion Ratio Lower Upper

43 100

74 24.0 19.0 28.4

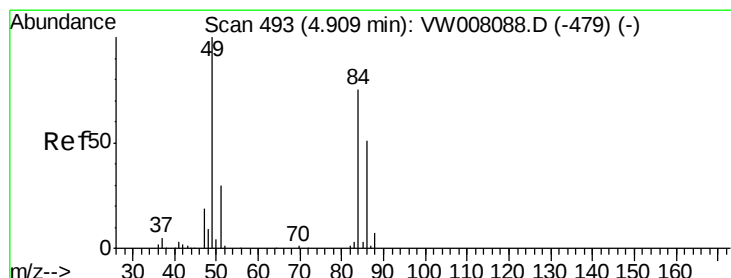
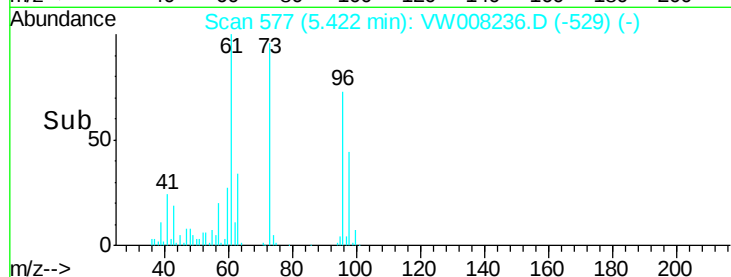
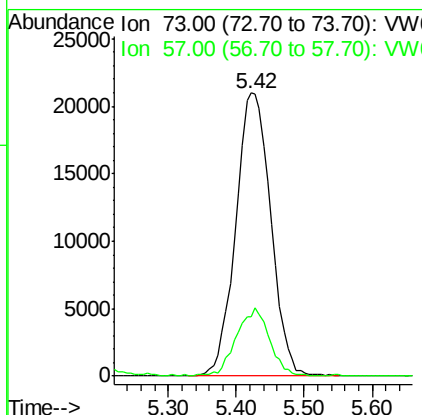
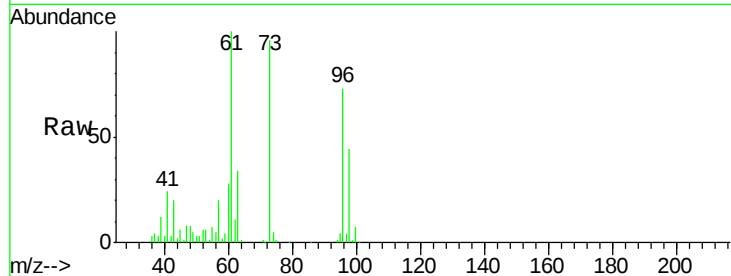




#19
Methyl tert-butyl Ether
Concen: 52.551 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

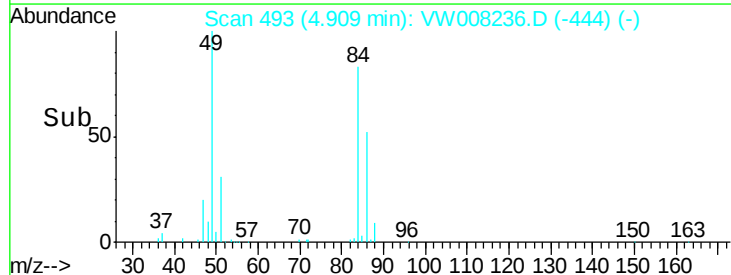
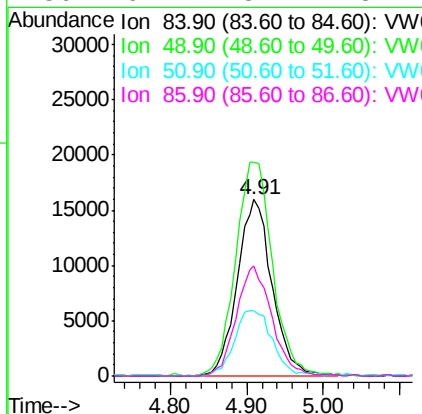
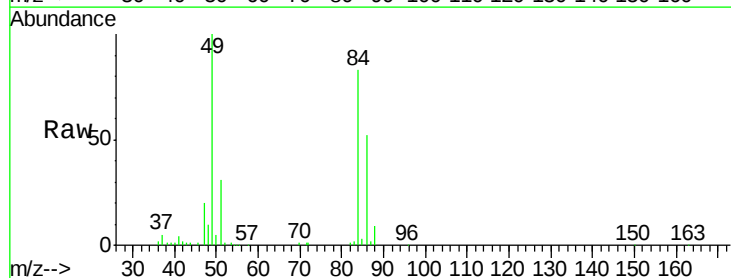
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

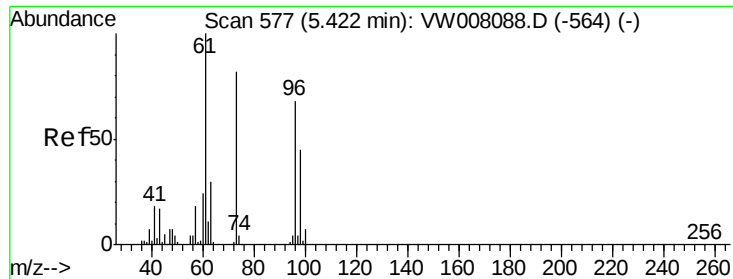
Tgt Ion: 73 Resp: 75105
Ion Ratio Lower Upper
73 100
57 20.6 16.7 25.1



#20
Methylene Chloride
Concen: 57.899 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 84 Resp: 50757
Ion Ratio Lower Upper
84 100
49 120.9 107.1 160.7
51 36.7 32.4 48.6
86 62.4 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 49.321 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

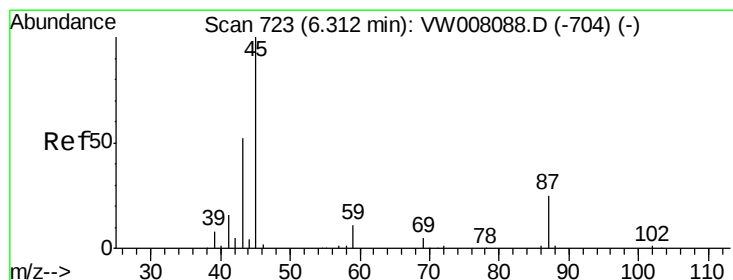
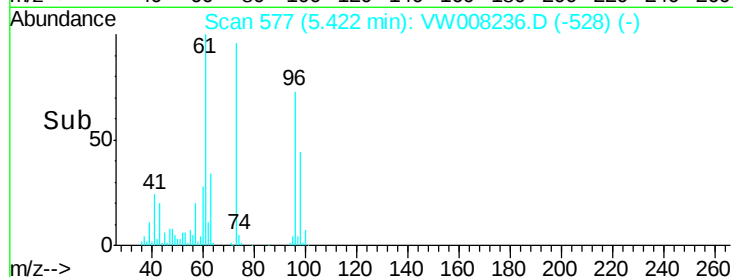
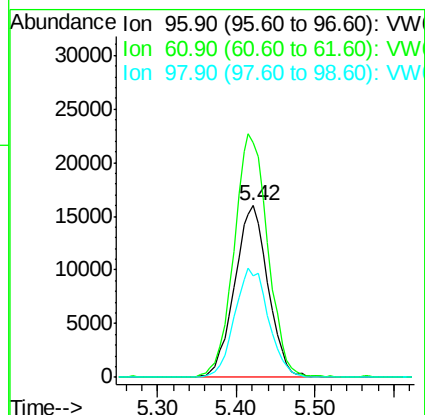
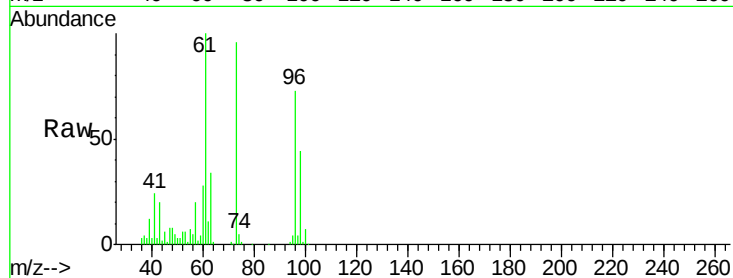
Tgt Ion: 96 Resp: 47119

Ion Ratio Lower Upper

96 100

61 136.4 117.4 176.0

98 59.5 52.2 78.4



#22

Diisopropyl ether

Concen: 52.886 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Tgt Ion: 45 Resp: 160990

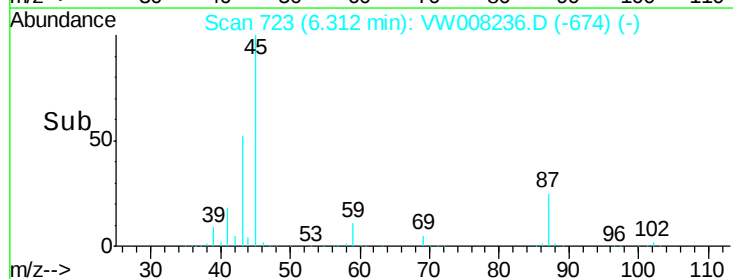
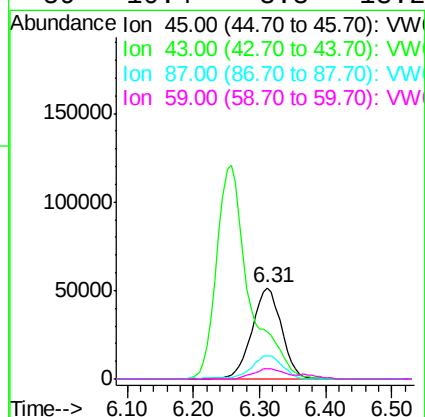
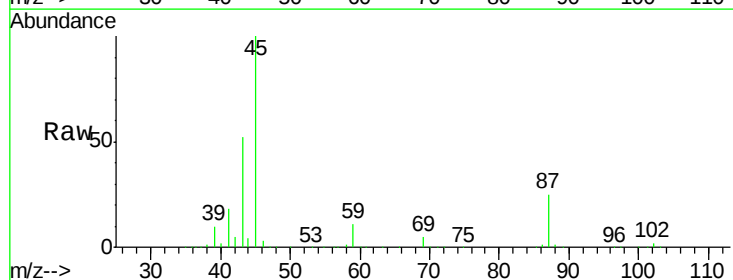
Ion Ratio Lower Upper

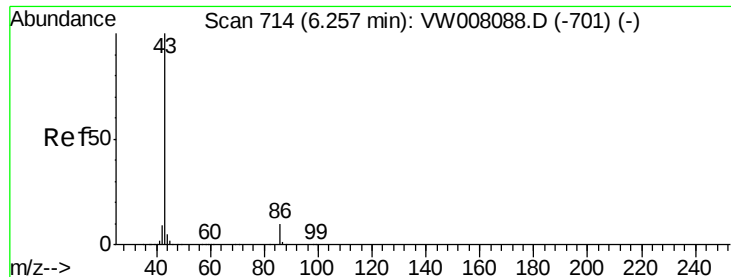
45 100

43 51.3 41.7 62.5

87 24.7 20.1 30.1

59 10.4 8.8 13.2





#23

Vinyl Acetate

Concen: 256.744 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

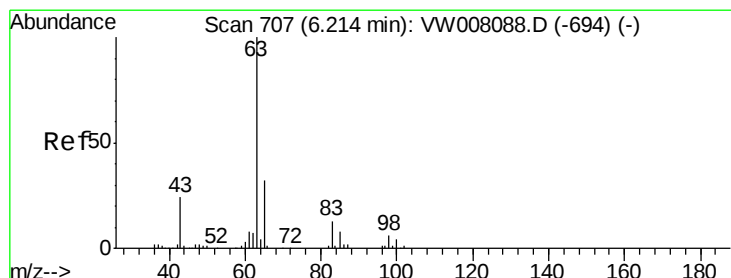
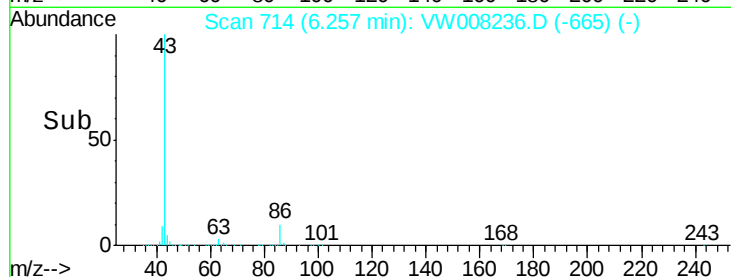
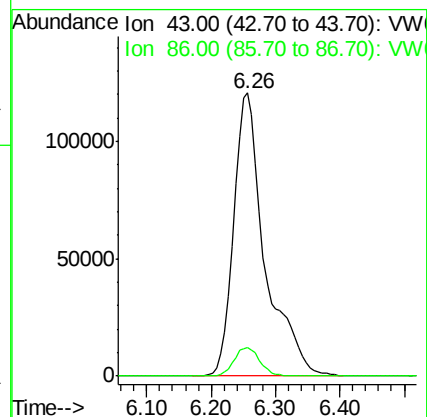
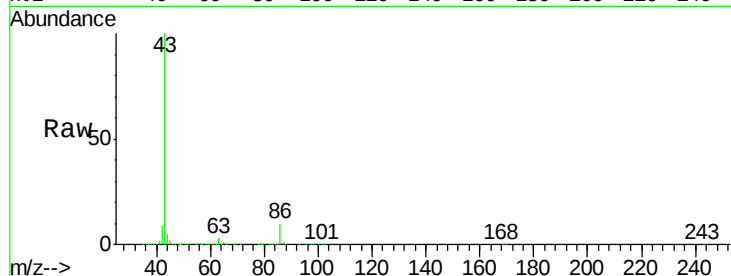
VSTDCCC050EC

Tgt Ion: 43 Resp: 410467

Ion Ratio Lower Upper

43 100

86 10.1 7.7 11.5



#24

1,1-Dichloroethane

Concen: 50.195 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

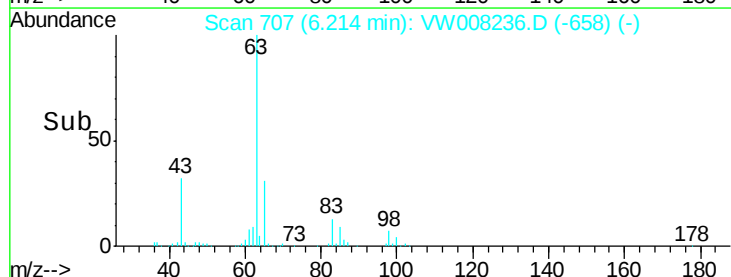
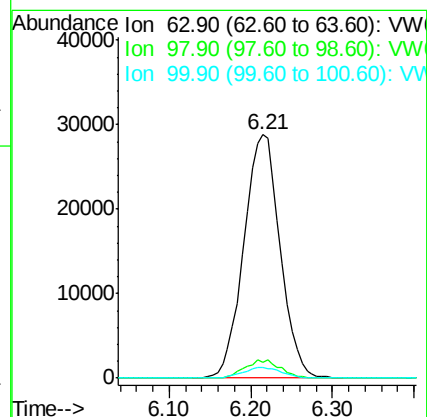
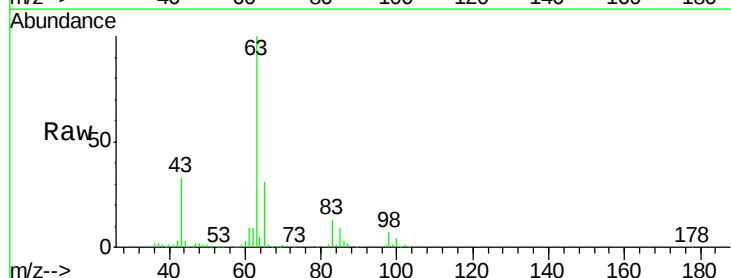
Tgt Ion: 63 Resp: 89028

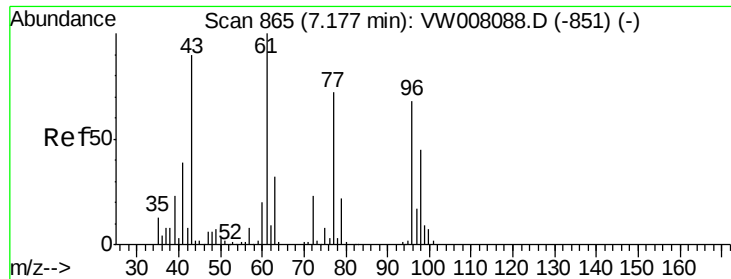
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 278.314 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

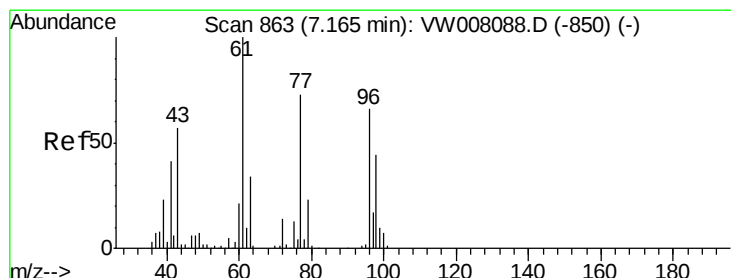
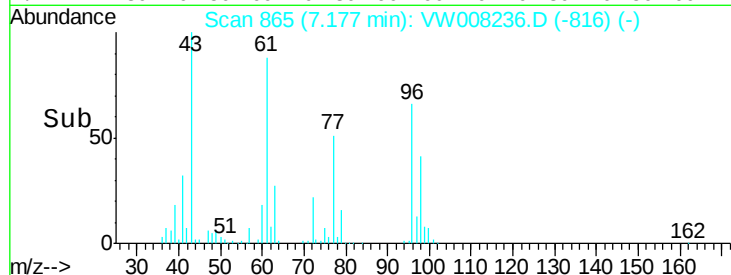
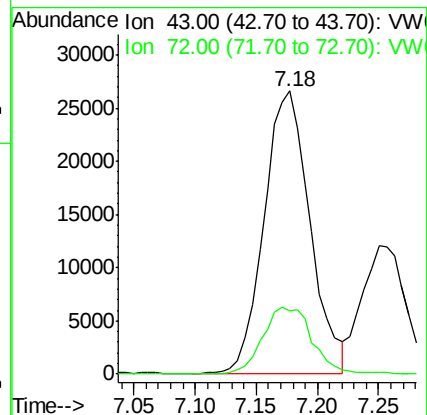
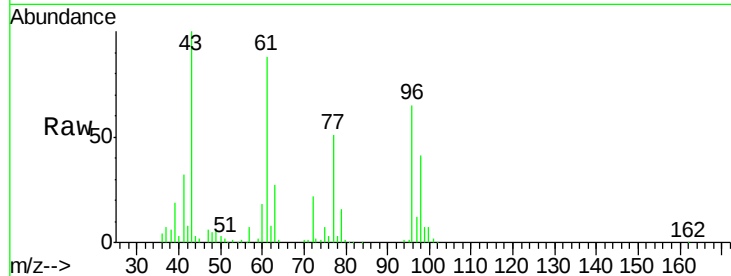
VSTDCCC050EC

Tgt Ion: 43 Resp: 69865

Ion Ratio Lower Upper

43 100

72 22.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 41.101 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008236.D

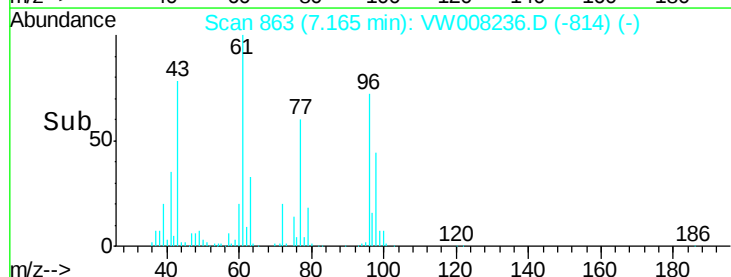
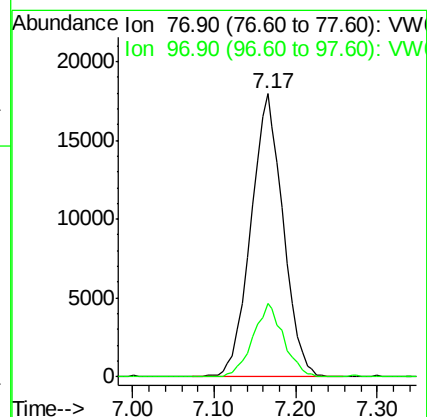
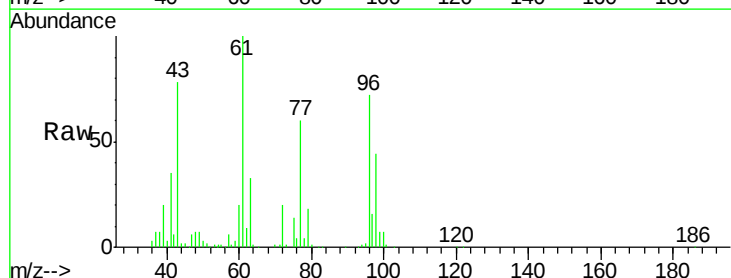
Acq: 12 Jan 2019 12:00

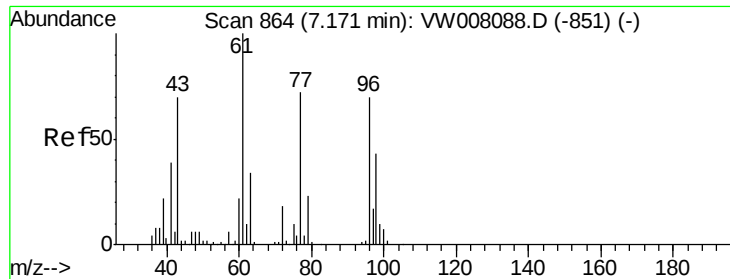
Tgt Ion: 77 Resp: 49394

Ion Ratio Lower Upper

77 100

97 24.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.780 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

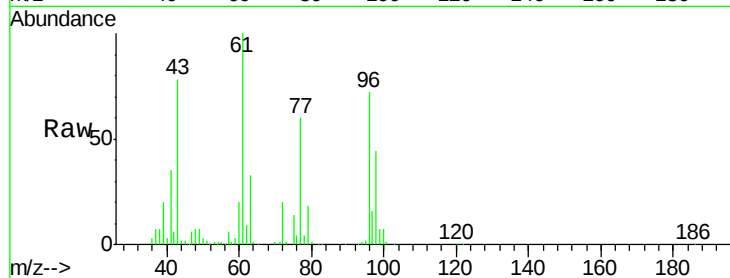
Tgt Ion: 96 Resp: 53972

Ion Ratio Lower Upper

96 100

61 142.4 0.0 300.4

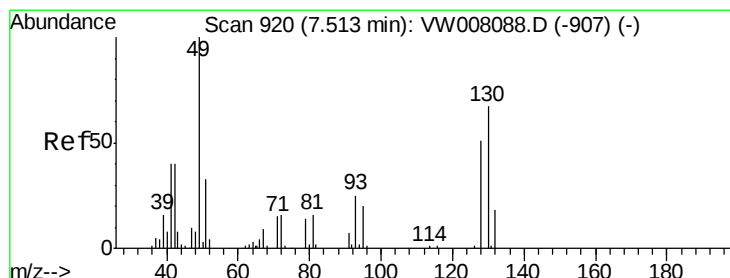
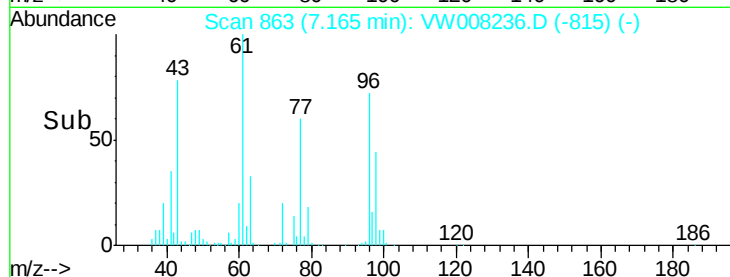
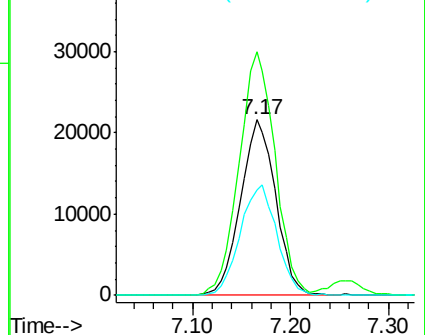
98 65.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 54.179 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

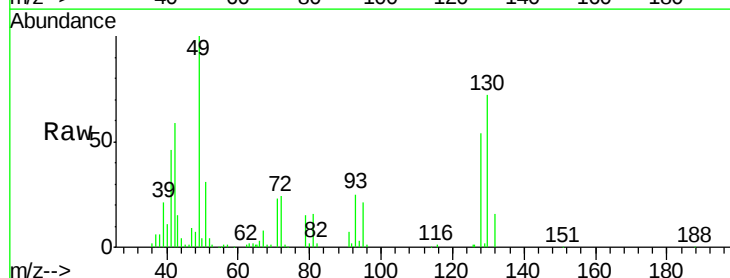
Tgt Ion: 49 Resp: 38009

Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.8

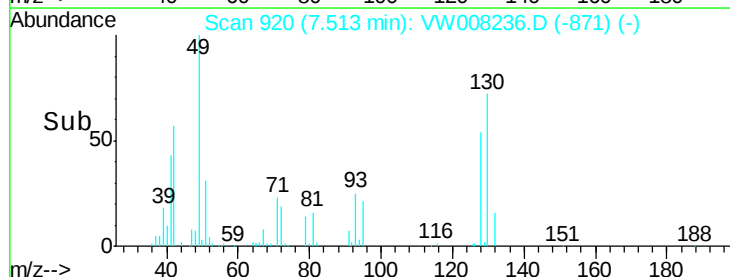
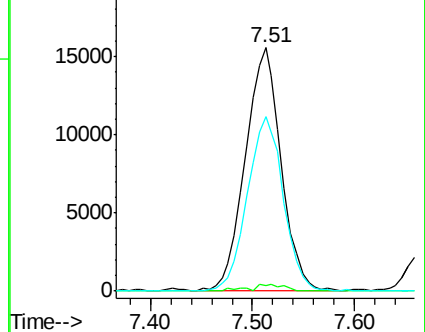
130 72.0 54.3 81.5

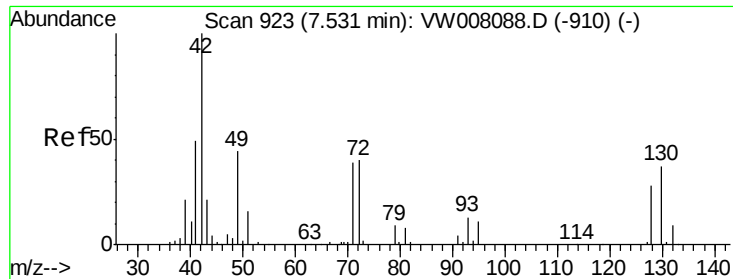


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

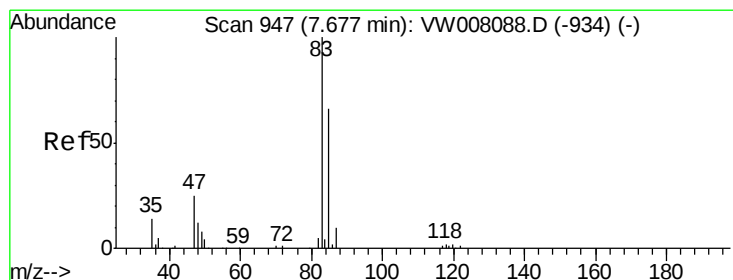
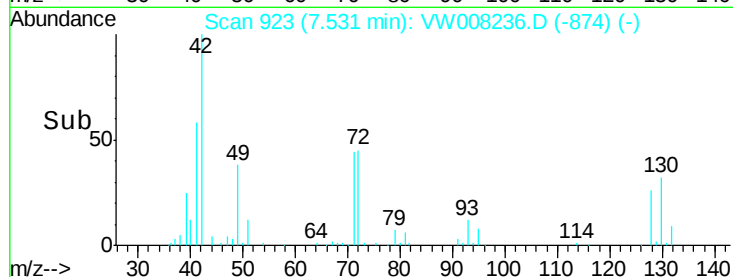
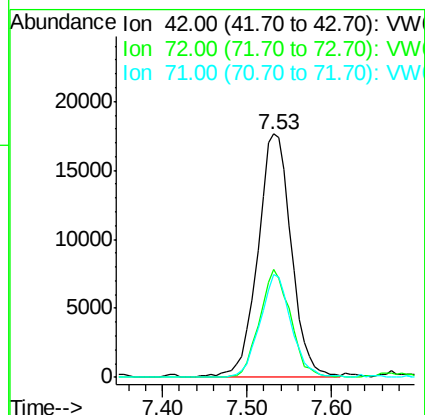
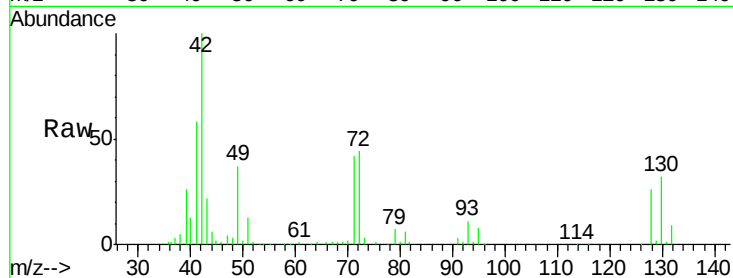




#29
Tetrahydrofuran
Concen: 287.755 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

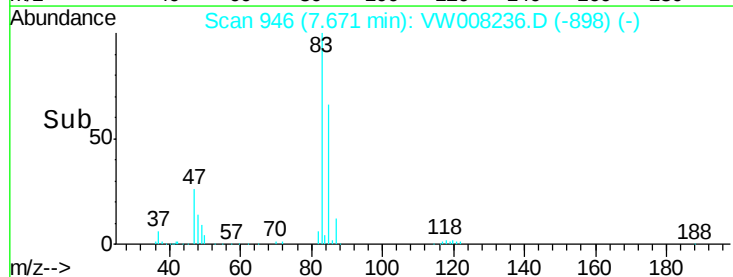
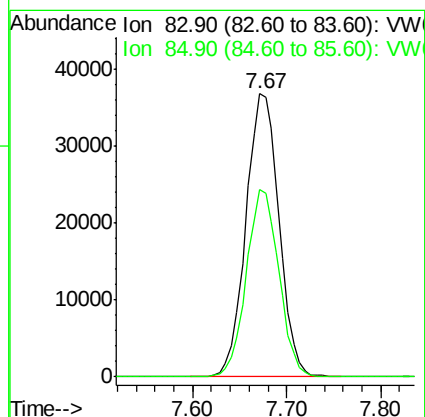
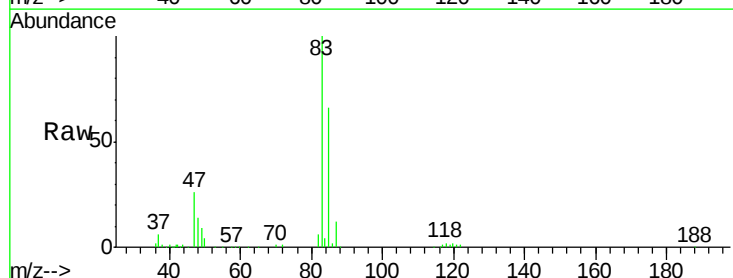
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

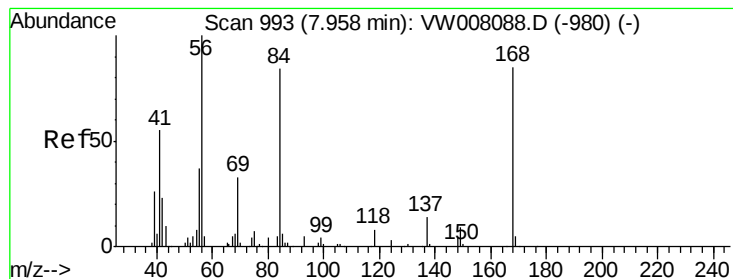
Tgt Ion: 42 Resp: 48252
Ion Ratio Lower Upper
42 100
72 40.9 32.4 48.6
71 39.4 31.3 46.9



#30
Chloroform
Concen: 53.670 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 83 Resp: 90608
Ion Ratio Lower Upper
83 100
85 66.4 53.2 79.8





#31

Cyclohexane

Concen: 41.565 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

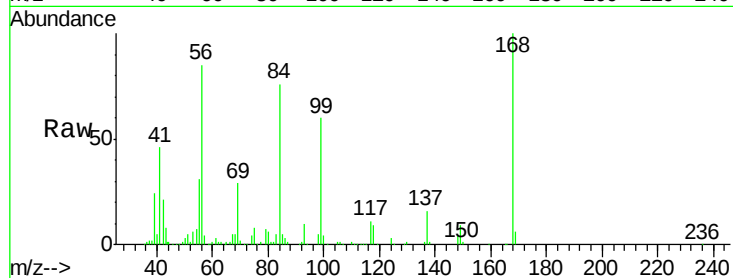
Tgt Ion: 56 Resp: 78921

Ion Ratio Lower Upper

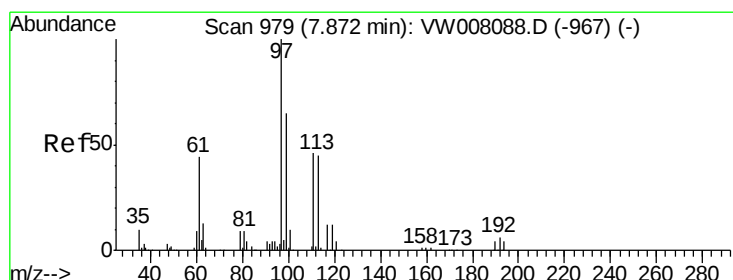
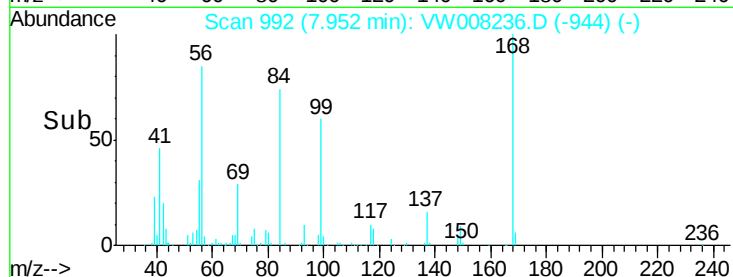
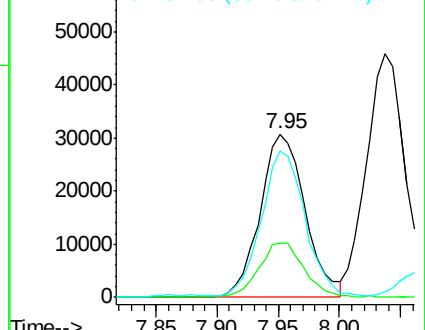
56 100

69 33.4 26.2 39.4

84 87.9 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 49.903 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

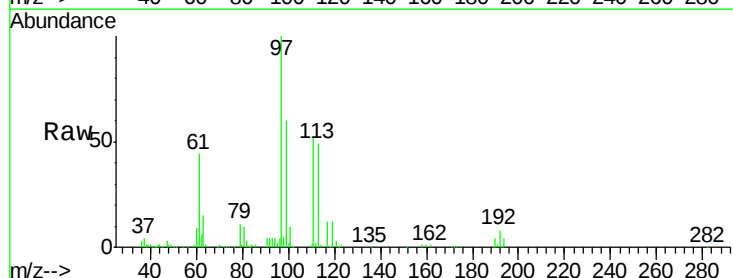
Tgt Ion: 97 Resp: 73306

Ion Ratio Lower Upper

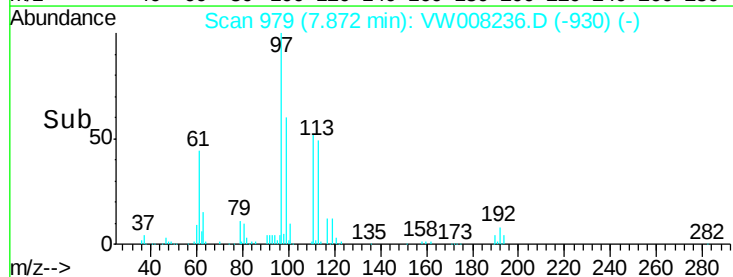
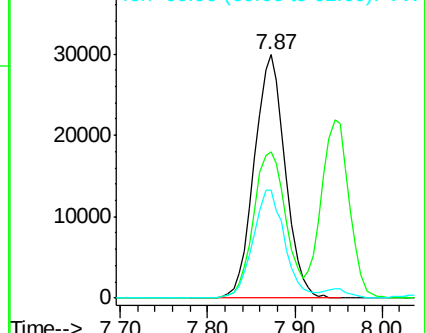
97 100

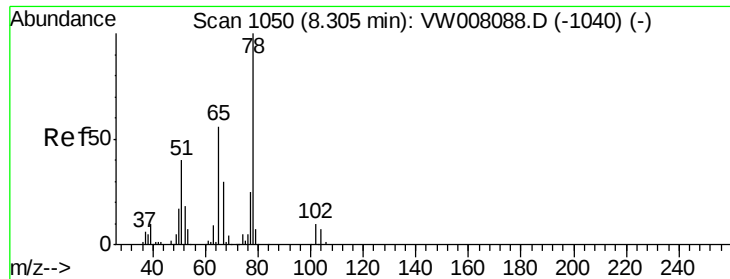
99 63.2 51.4 77.0

61 45.1 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

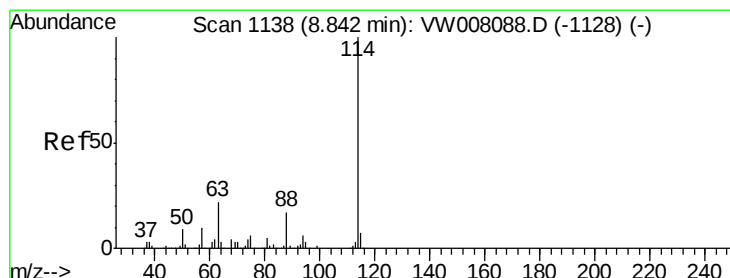
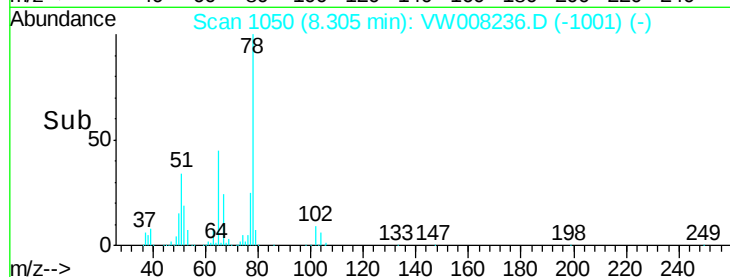
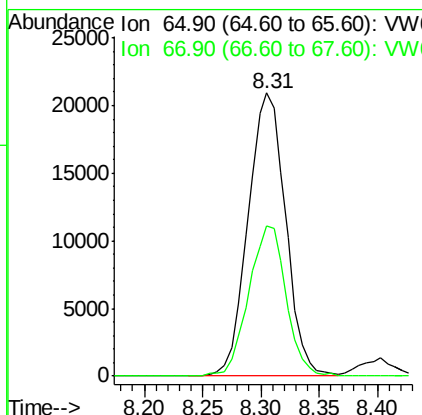
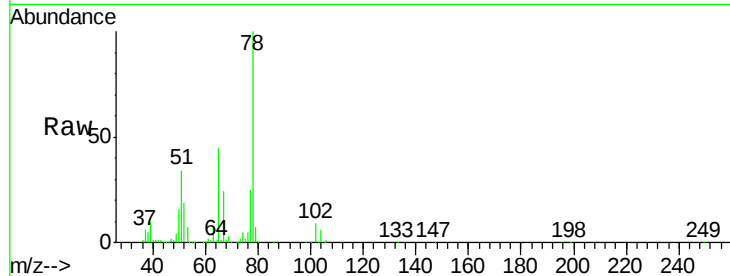




#33
 1,2-Dichloroethane-d4
 Concen: 52.217 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

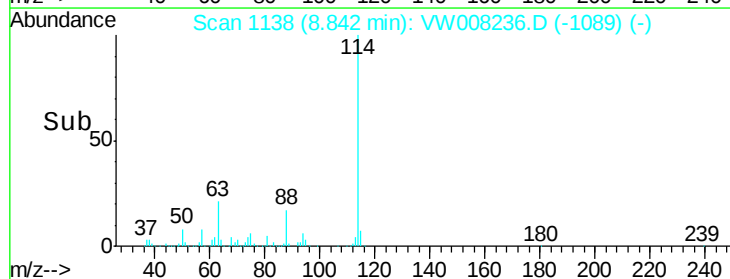
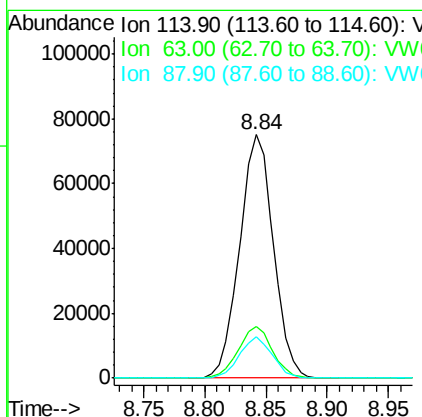
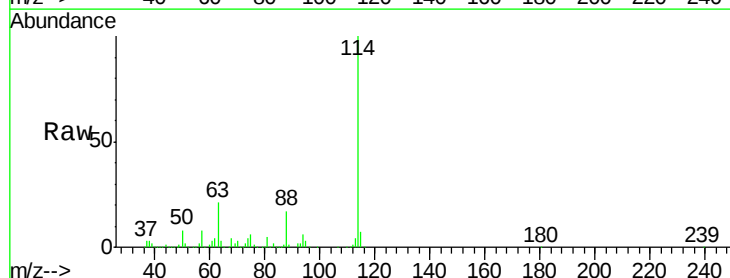
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

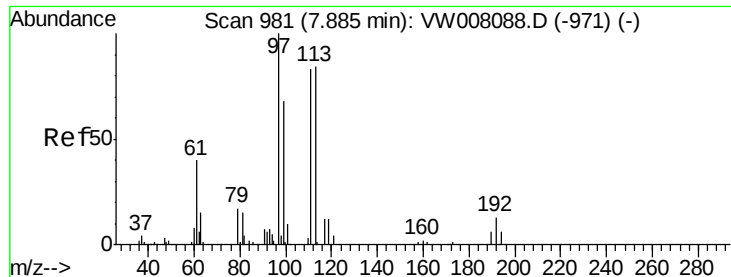
Tgt Ion: 65 Resp: 47112
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 114 Resp: 144145
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.4
 88 16.9 0.0 33.4

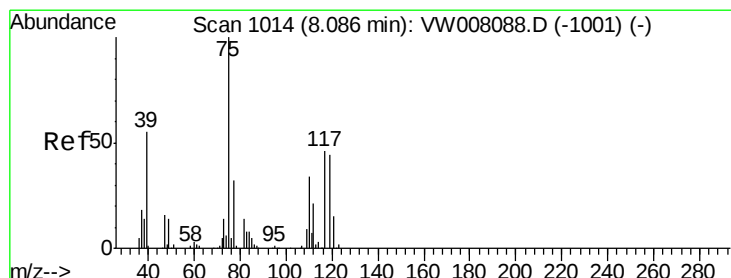
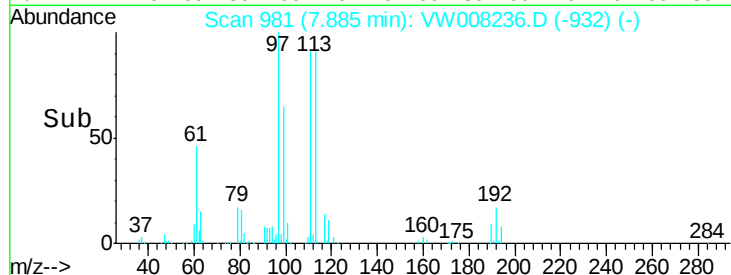
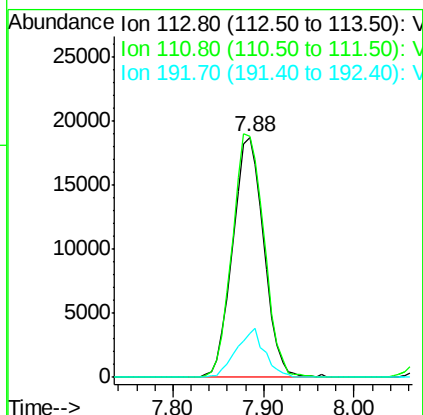
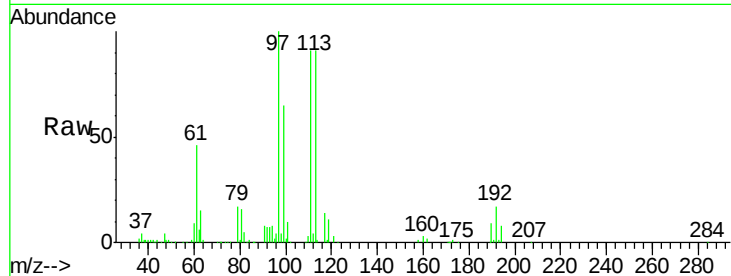




#35
 Dibromofluoromethane
 Concen: 53.188 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

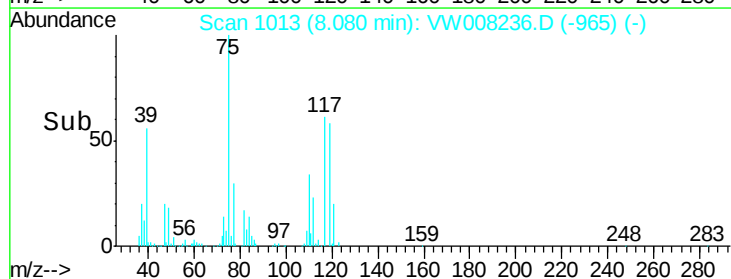
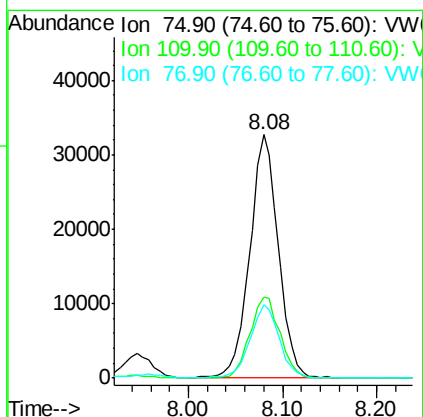
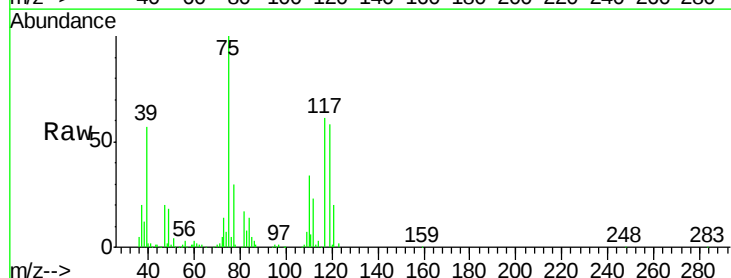
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

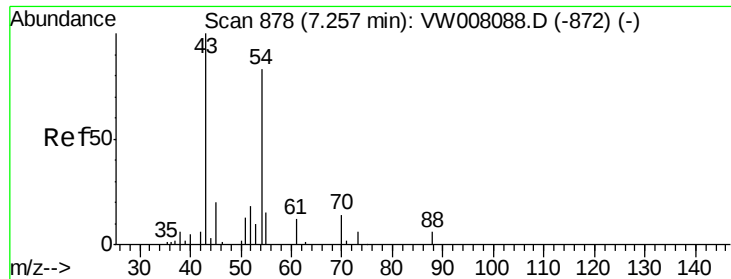
Tgt Ion: 113 Resp: 44716
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.8
 192 18.8 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 47.118 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 75 Resp: 69963
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.1 51.3
 77 30.9 25.5 38.3

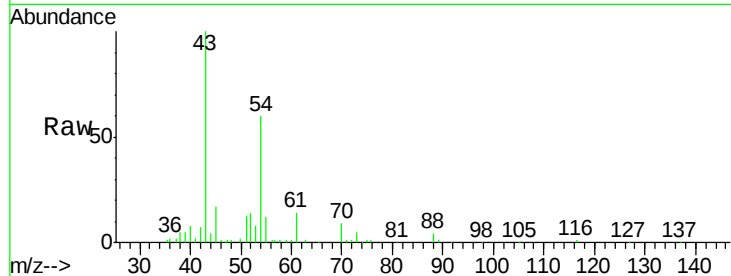




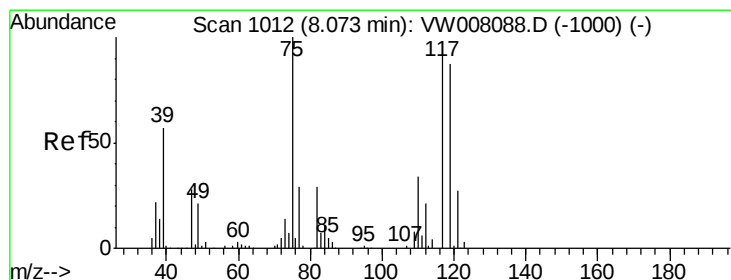
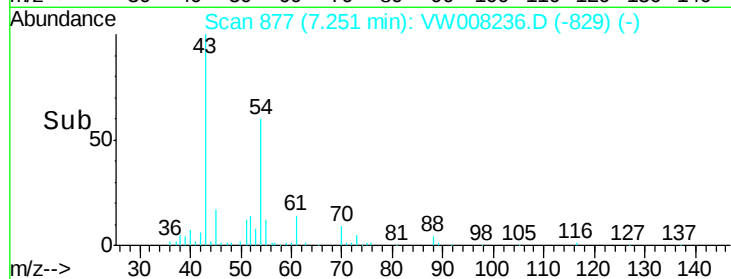
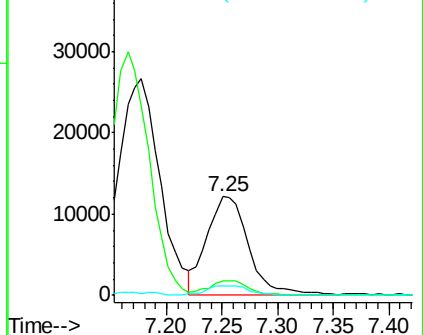
#37
 Ethyl Acetate
 Concen: 52.445 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 31198
 Ion Ratio Lower Upper
 43 100
 61 14.7 10.6 16.0
 70 9.9 8.9 13.3

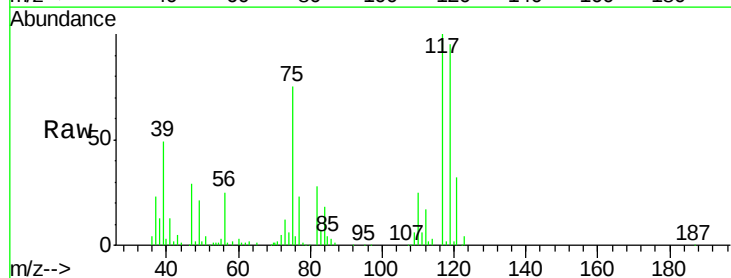


Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

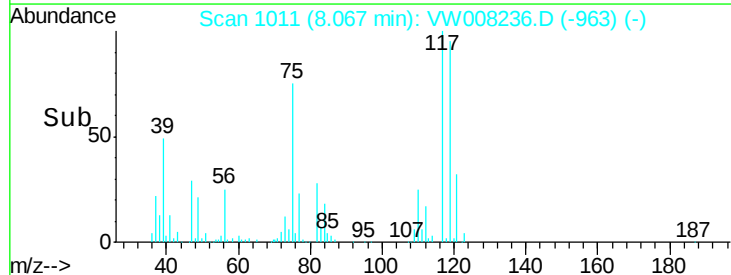
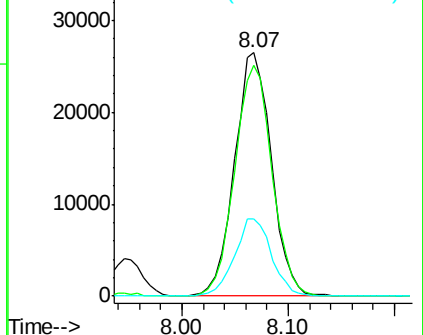


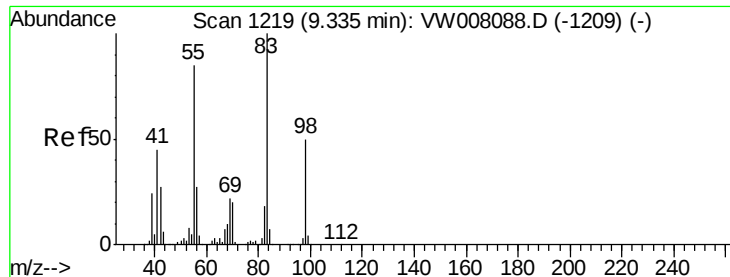
#38
 Carbon Tetrachloride
 Concen: 47.453 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 117 Resp: 64491
 Ion Ratio Lower Upper
 117 100
 119 94.7 75.8 113.8
 121 31.8 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

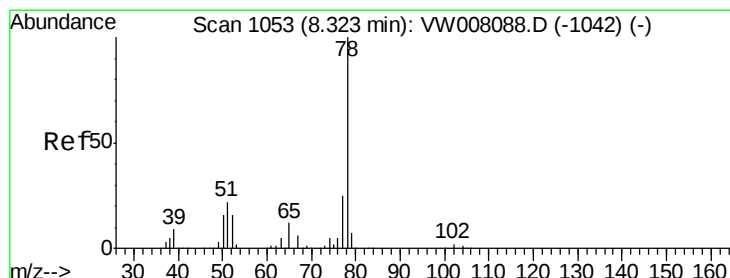
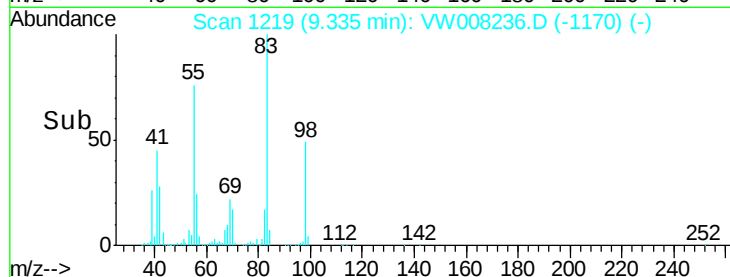
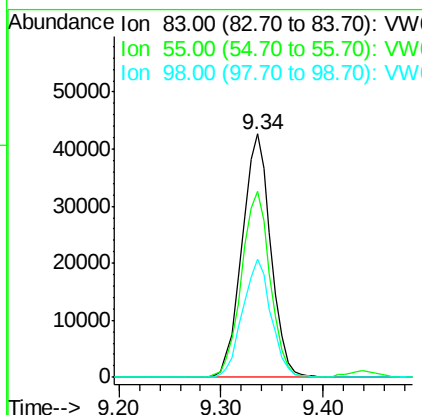
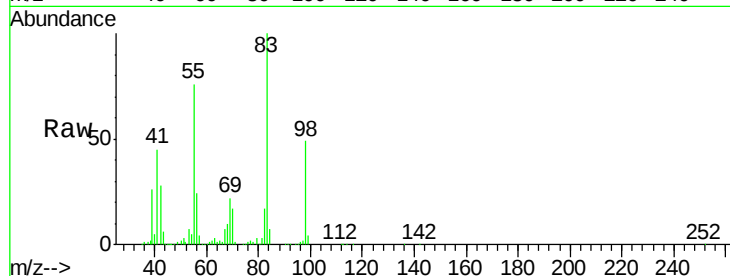




#39
Methylcyclohexane
Concen: 44.338 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

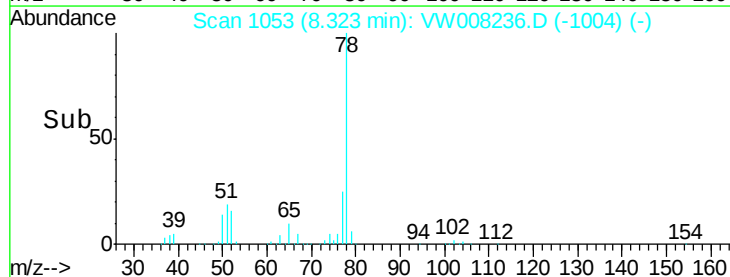
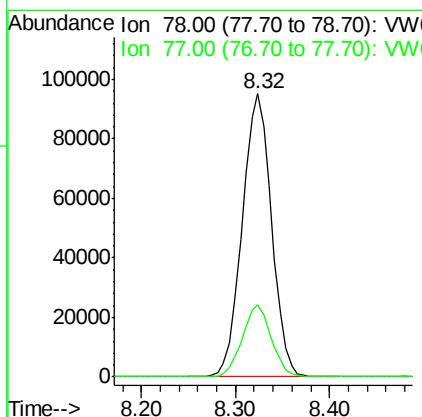
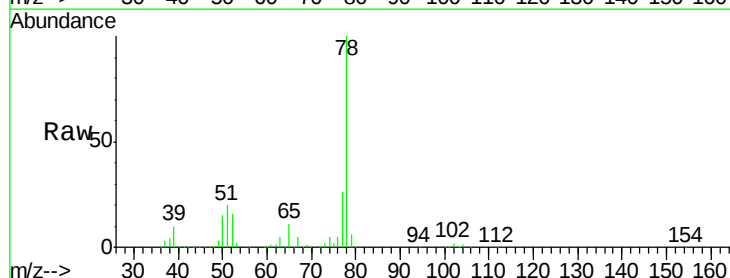
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

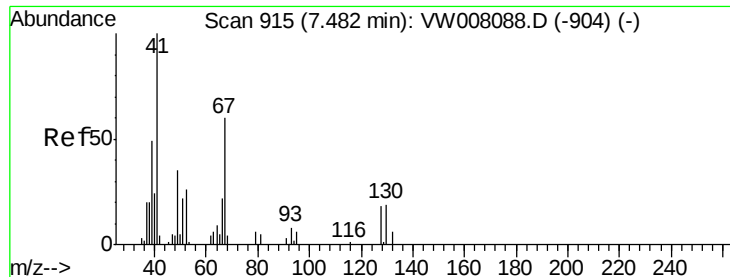
Tgt Ion: 83 Resp: 83477
Ion Ratio Lower Upper
83 100
55 76.1 67.8 101.6
98 48.6 40.2 60.4



#40
Benzene
Concen: 51.368 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 78 Resp: 206875
Ion Ratio Lower Upper
78 100
77 25.5 20.2 30.4





#41

Methacrylonitrile

Concen: 48.513 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 18230

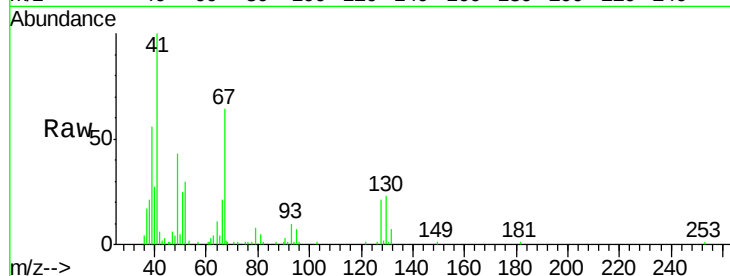
Ion Ratio Lower Upper

41 100

39 59.8 47.9 71.9

67 77.5 56.3 84.5

52 34.4 24.5 36.7

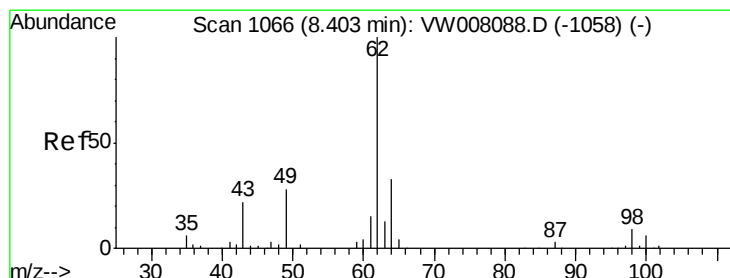
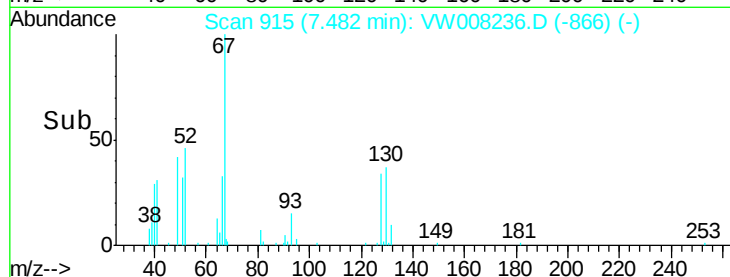
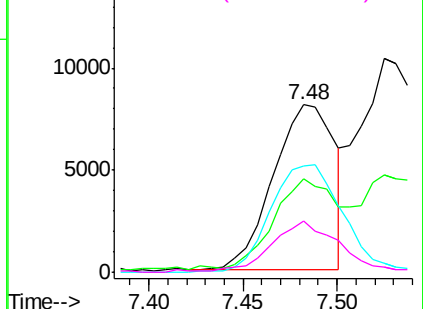


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 51.457 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW008236.D

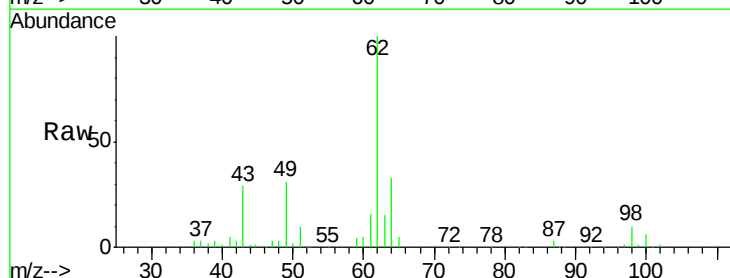
Acq: 12 Jan 2019 12:00

Tgt Ion: 62 Resp: 58285

Ion Ratio Lower Upper

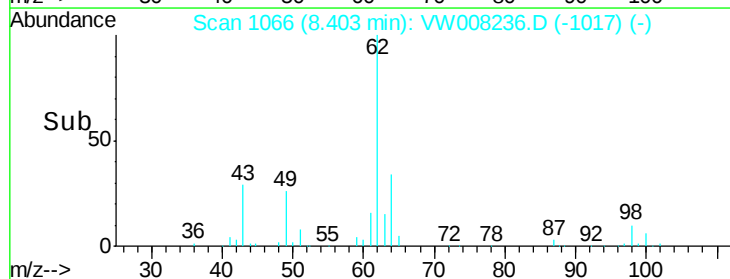
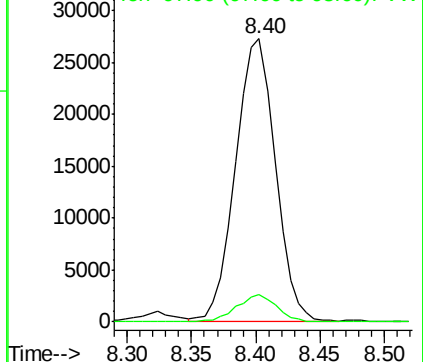
62 100

98 9.7 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.986 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

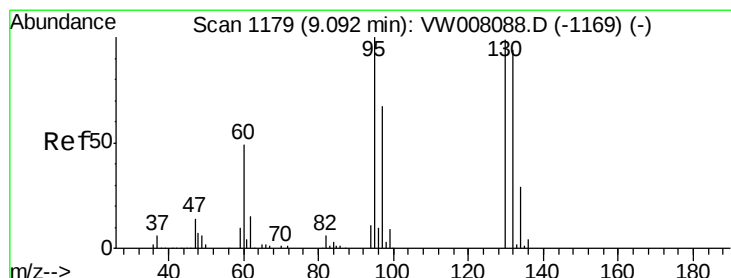
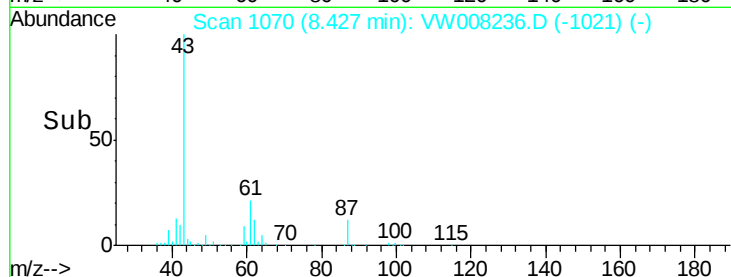
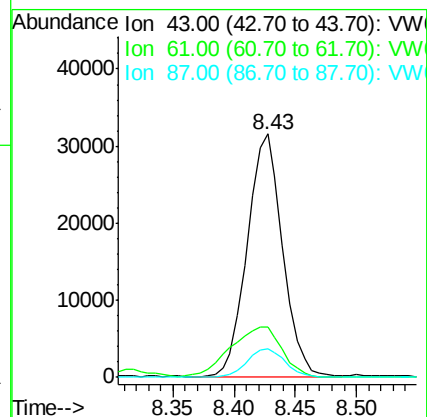
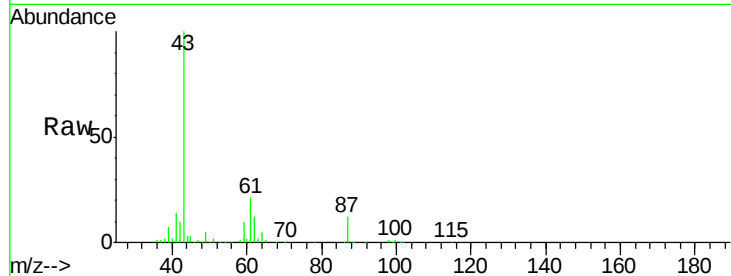
Tgt Ion: 43 Resp: 63021

Ion Ratio Lower Upper

43 100

61 30.7 24.8 37.2

87 12.5 10.4 15.6



#44

Trichloroethene

Concen: 50.346 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008236.D

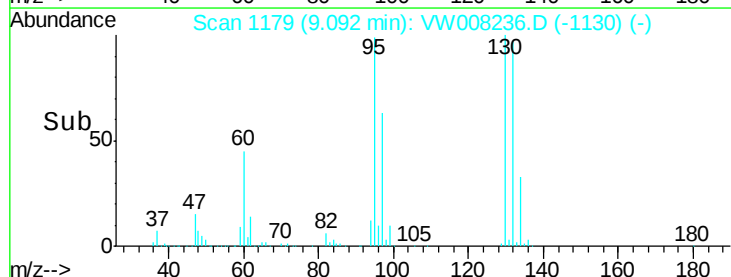
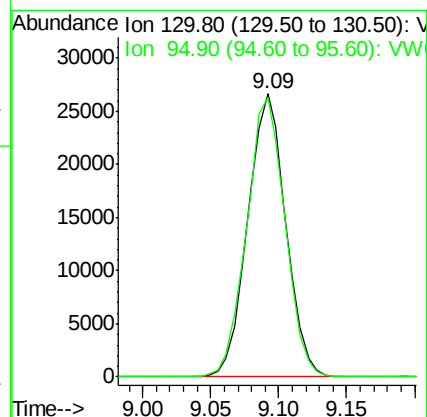
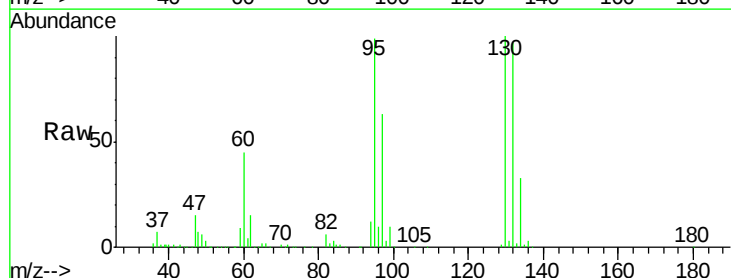
Acq: 12 Jan 2019 12:00

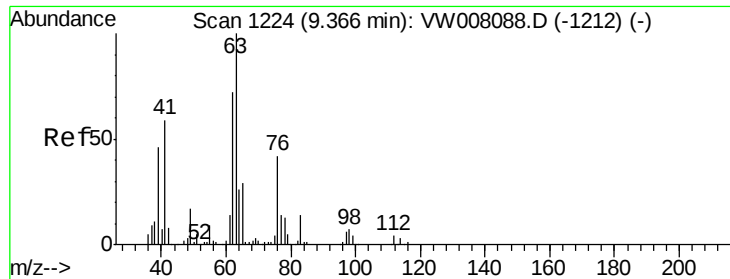
Tgt Ion: 130 Resp: 51904

Ion Ratio Lower Upper

130 100

95 98.9 0.0 202.8

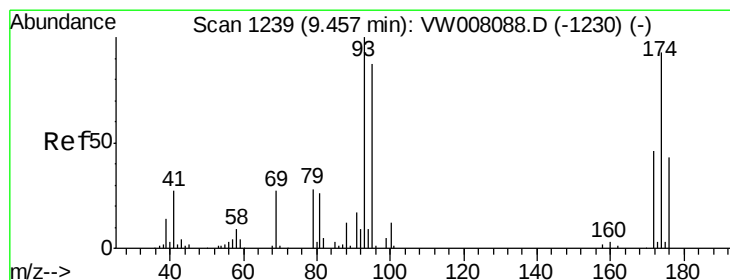
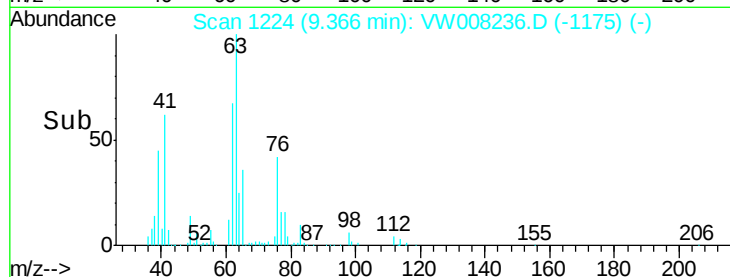
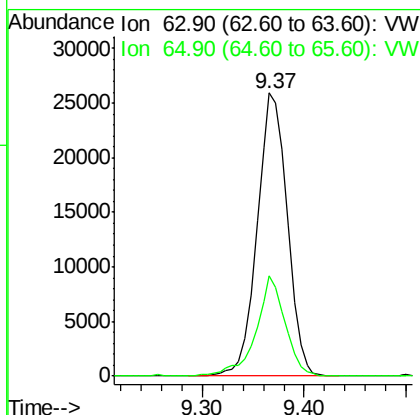
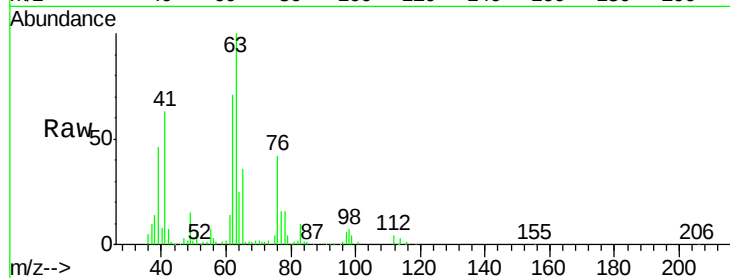




#45
 1,2-Dichloropropane
 Concen: 53.397 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

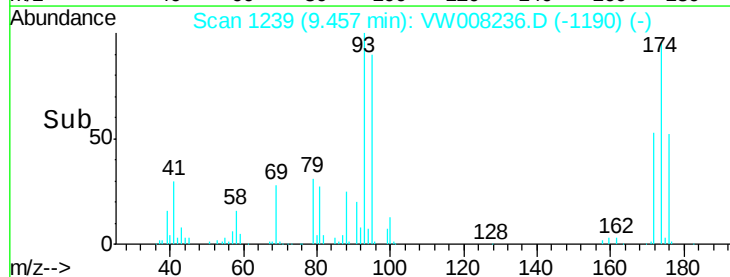
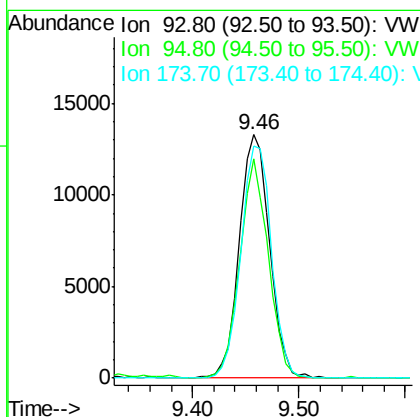
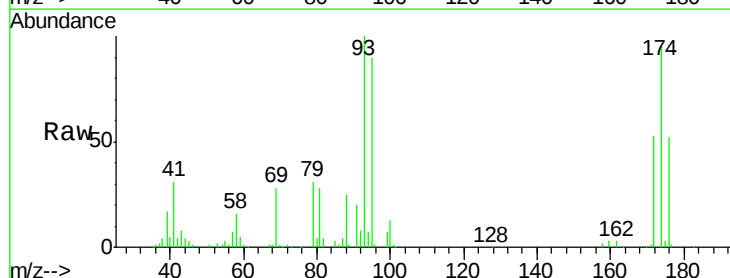
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

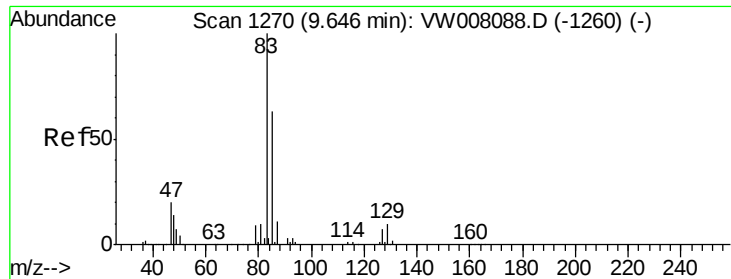
Tgt Ion: 63 Resp: 53322
 Ion Ratio Lower Upper
 63 100
 65 35.6 23.3 34.9#



#46
 Dibromomethane
 Concen: 54.244 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 93 Resp: 26602
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.5 101.3
 174 96.3 72.5 108.7

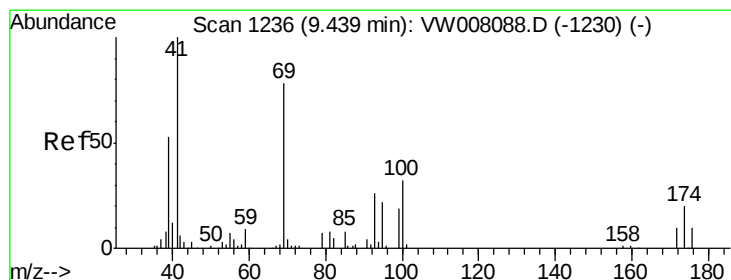
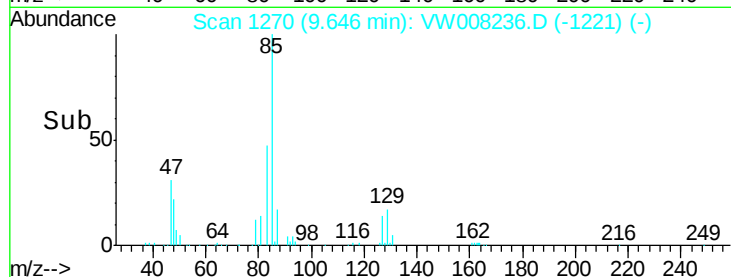
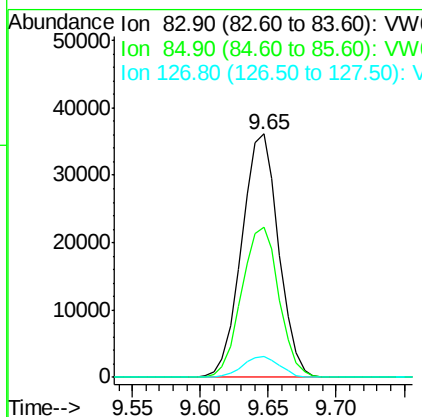
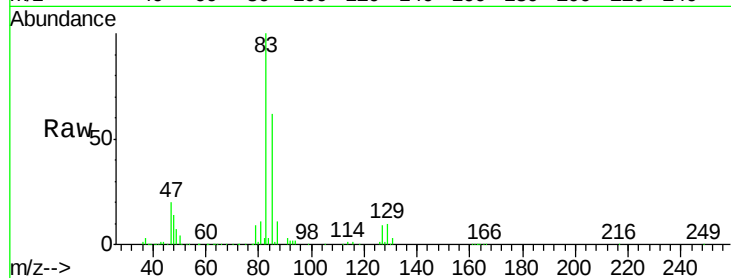




#47
 Bromodichloromethane
 Concen: 55.050 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

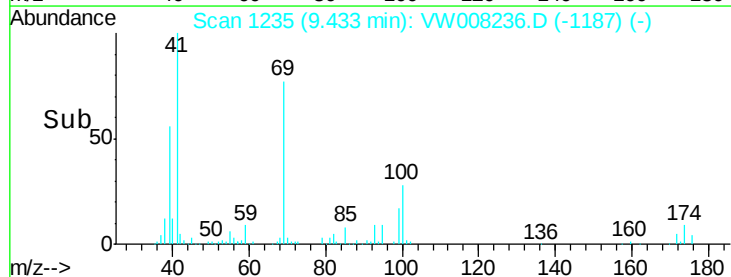
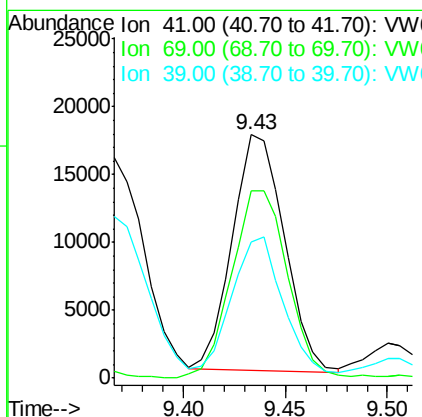
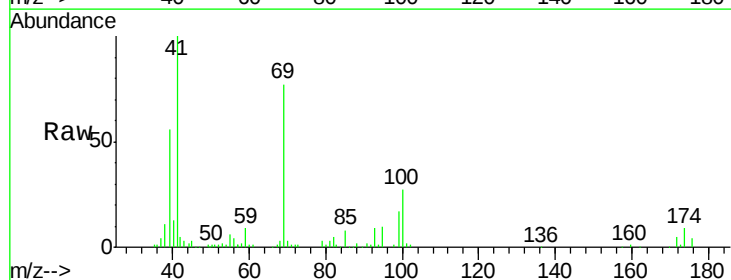
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

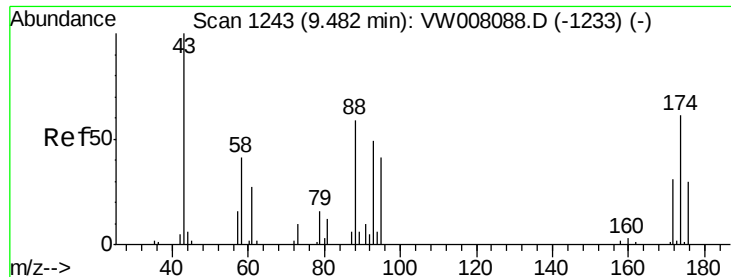
Tgt Ion: 83 Resp: 68552
 Ion Ratio Lower Upper
 83 100
 85 61.7 50.7 76.1
 127 8.5 6.0 9.0



#48
 Methyl methacrylate
 Concen: 54.754 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 41 Resp: 30729
 Ion Ratio Lower Upper
 41 100
 69 86.2 61.9 92.9
 39 60.3 43.0 64.4

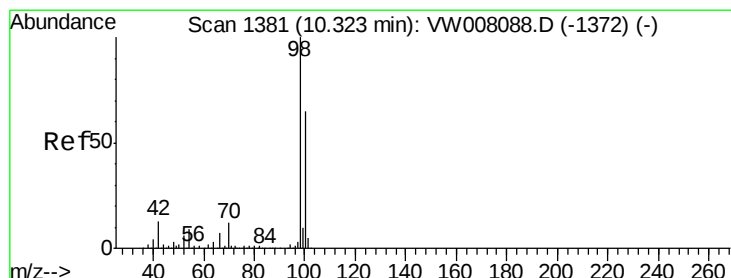
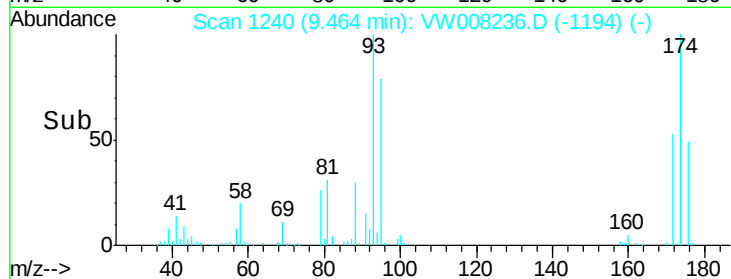
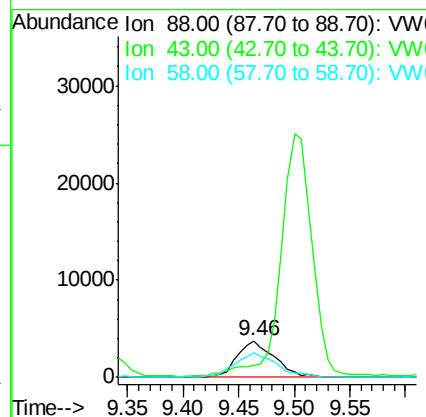
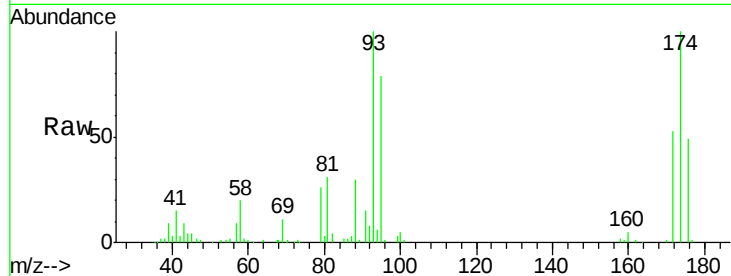




#49
 1,4-Dioxane
 Concen: 1118.958 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

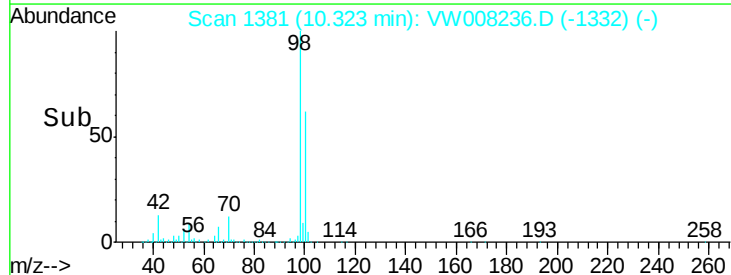
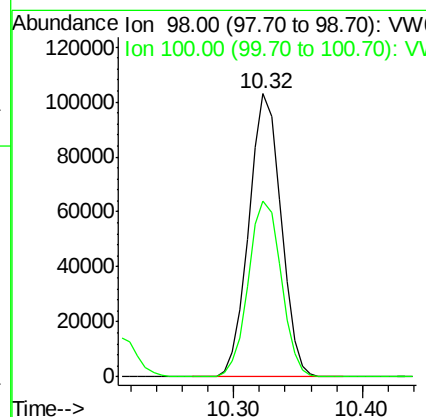
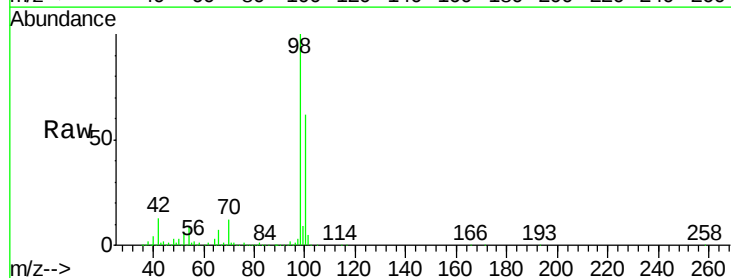
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

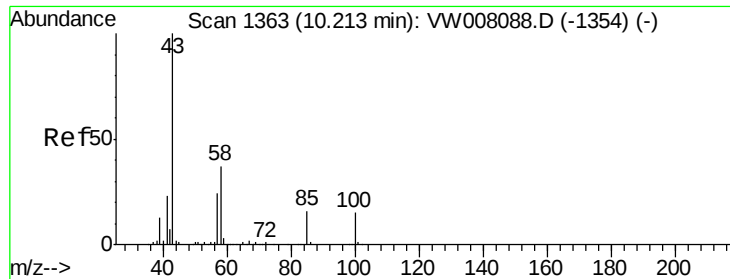
Tgt Ion: 88 Resp: 8825
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 75.3 61.7 92.5



#50
 Toluene-d8
 Concen: 50.281 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 98 Resp: 177390
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.7 77.5

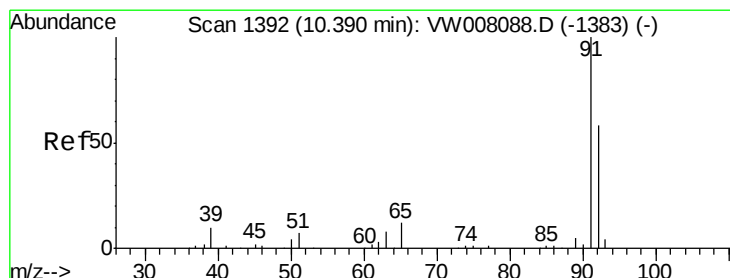
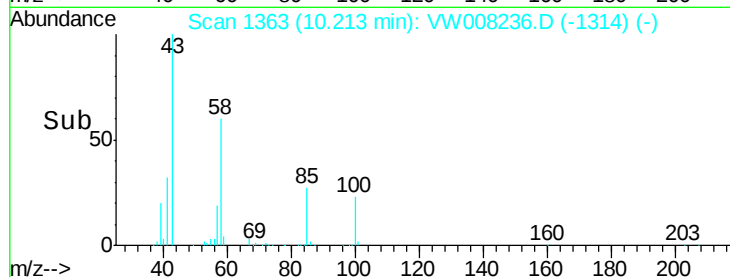
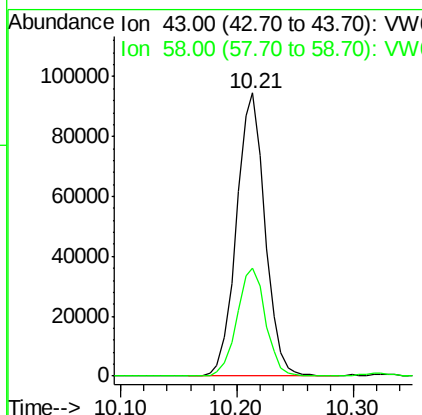
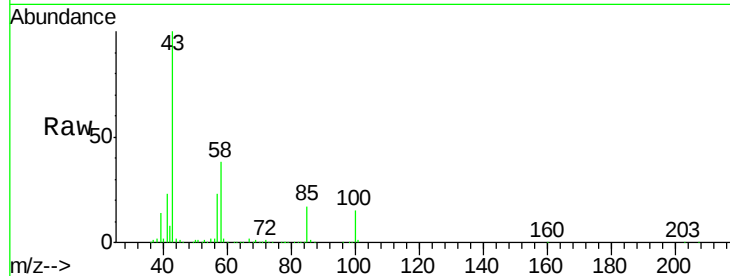




#51
 4-Methyl-2-Pentanone
 Concen: 281.228 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

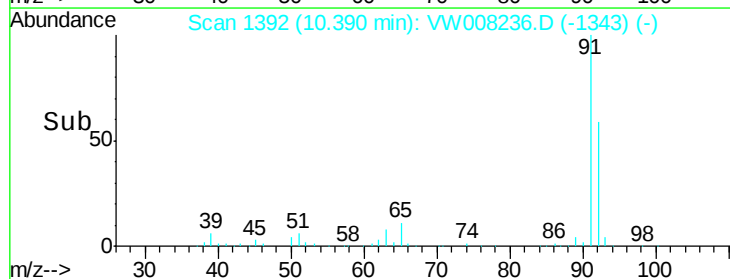
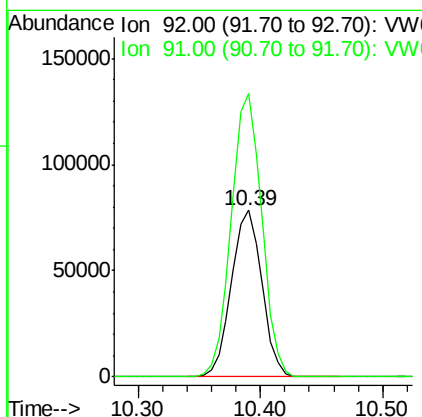
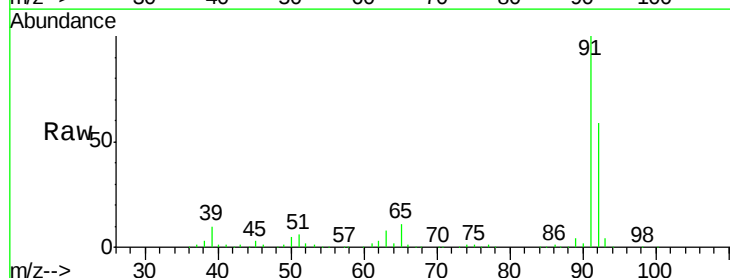
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

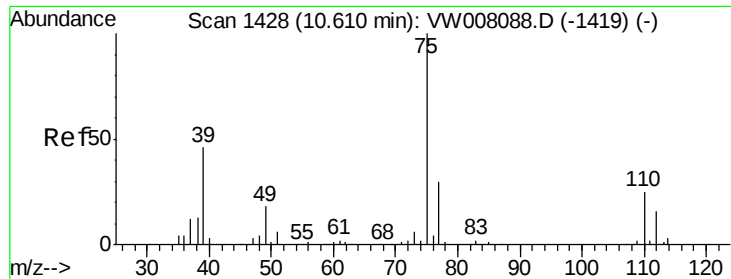
Tgt Ion: 43 Resp: 161910
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.6 46.0



#52
 Toluene
 Concen: 52.546 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 92 Resp: 135147
 Ion Ratio Lower Upper
 92 100
 91 170.2 137.0 205.4

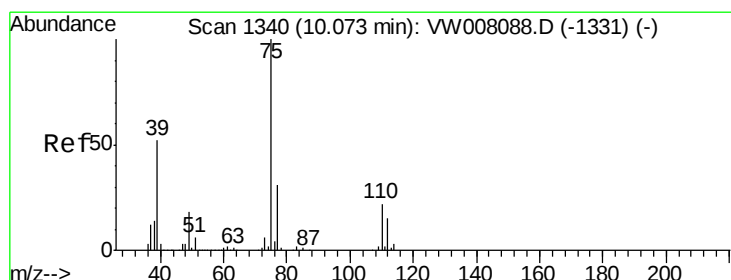
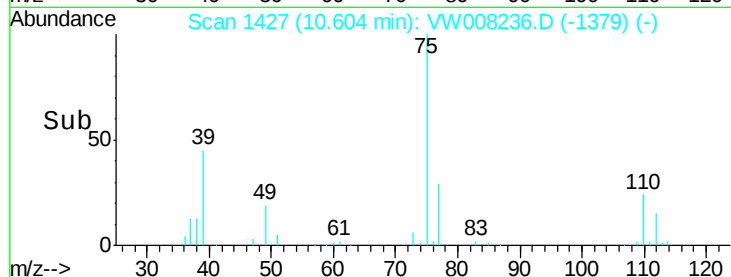
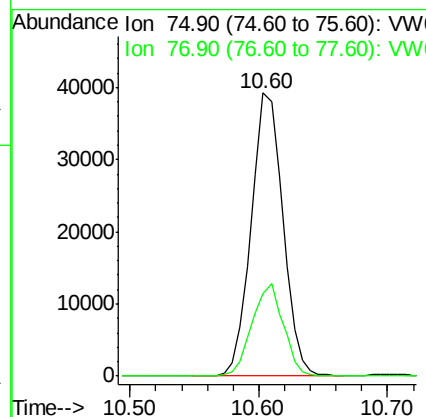
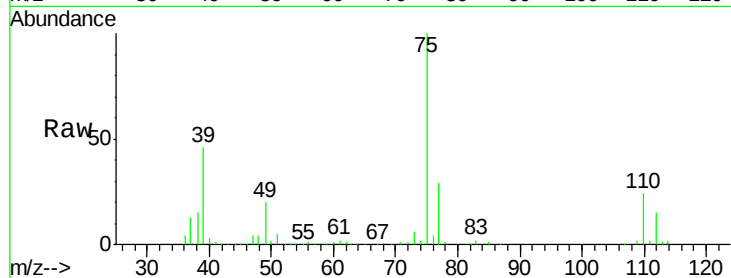




#53
 t-1,3-Dichloropropene
 Concen: 51.568 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

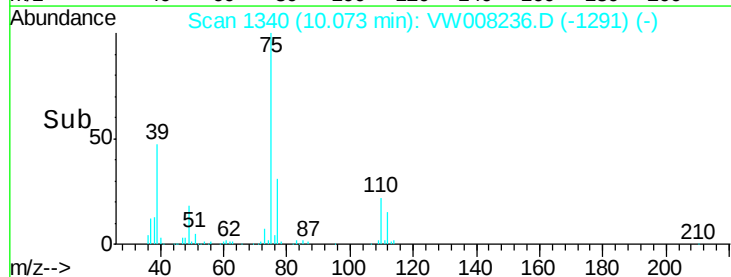
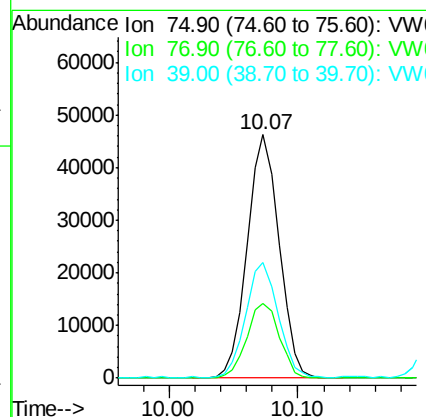
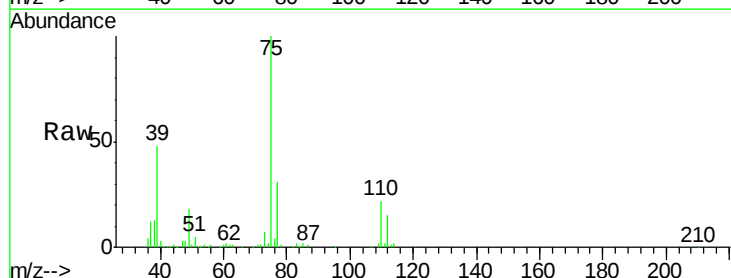
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

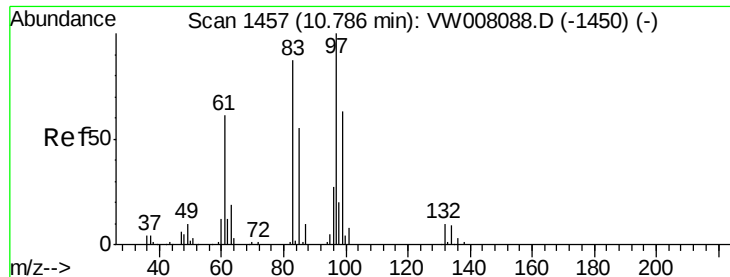
Tgt Ion: 75 Resp: 66796
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.409 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 75 Resp: 78963
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 47.2 41.4 62.0

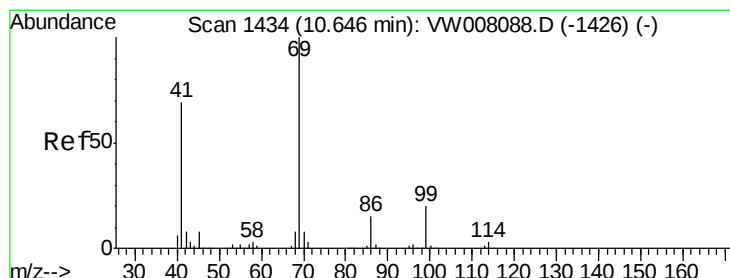
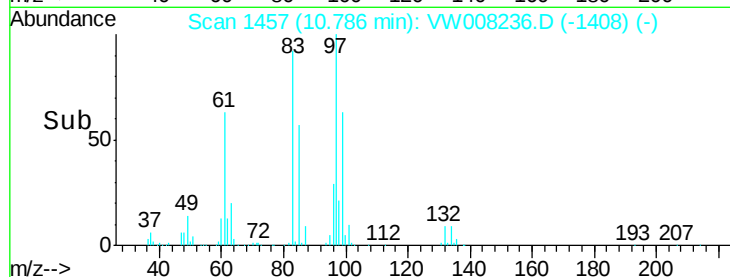
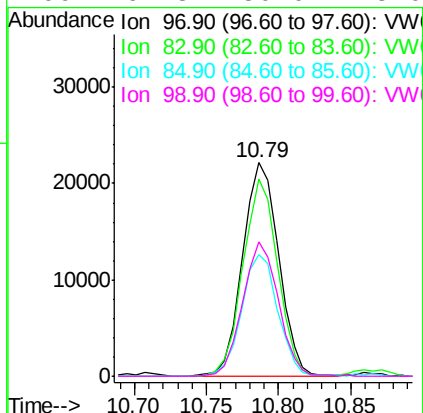
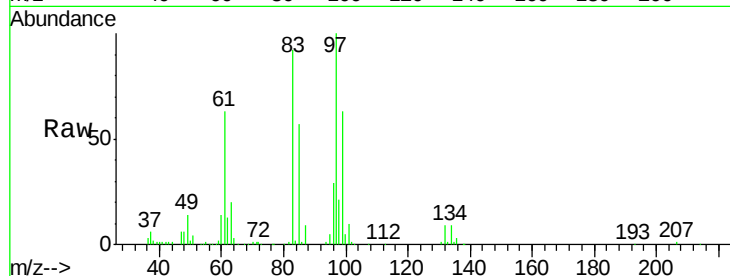




#55
 1,1,2-Trichloroethane
 Concen: 56.011 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

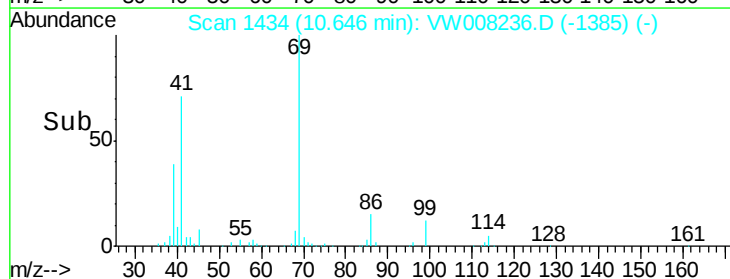
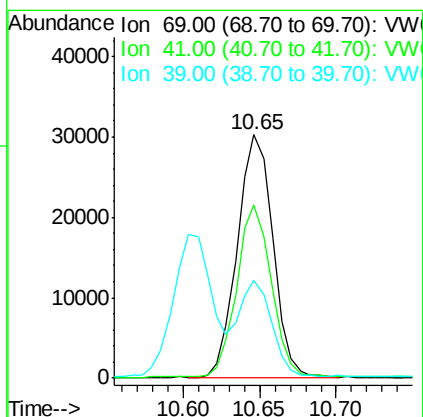
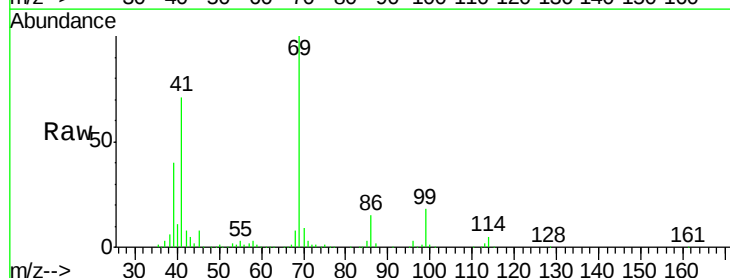
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

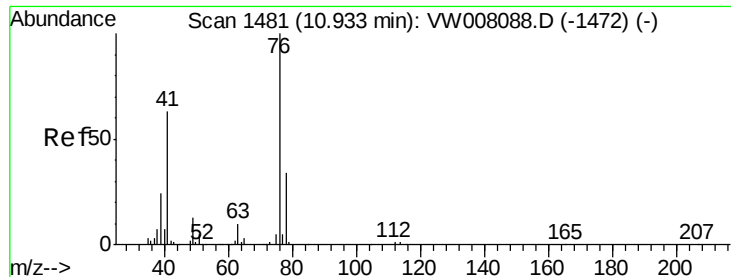
Tgt Ion:	97	Resp:	38566
Ion	Ratio	Lower	Upper
97	100		
83	92.4	69.3	103.9
85	57.1	43.8	65.6
99	62.8	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 57.414 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion:	69	Resp:	48957
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.4	84.6
39	36.6	28.1	42.1

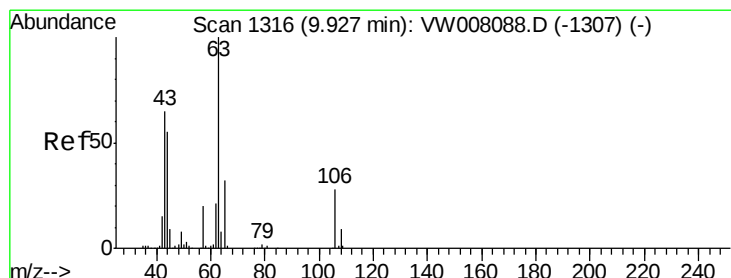
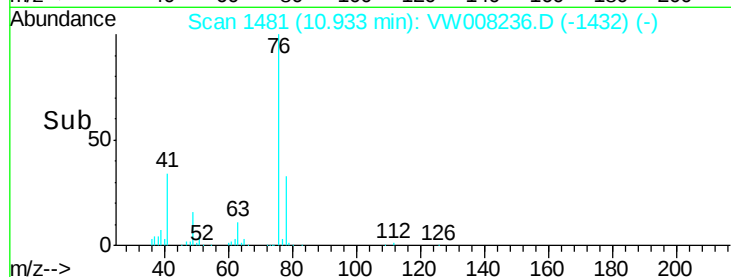
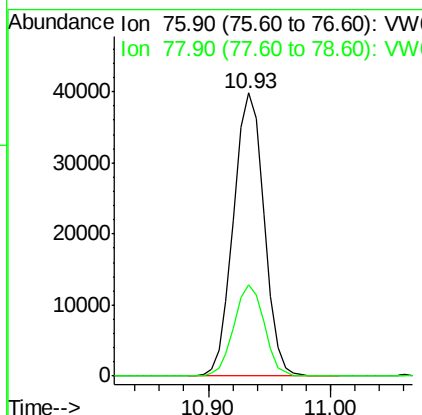
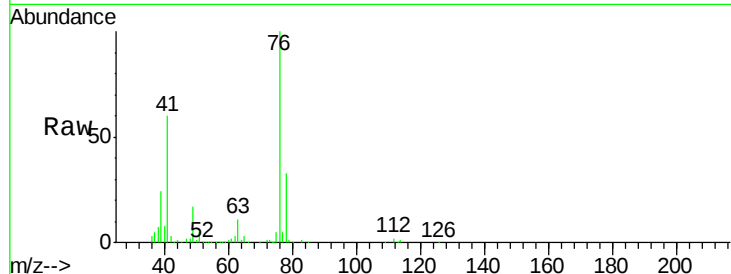




#57
 1,3-Dichloropropane
 Concen: 54.744 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

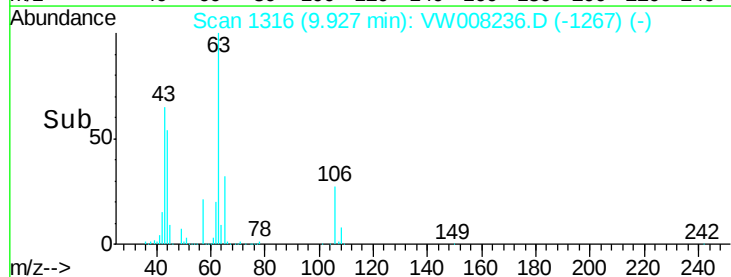
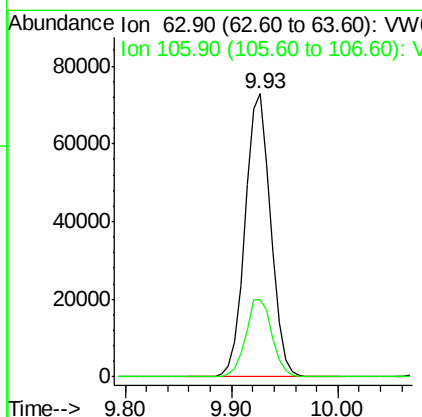
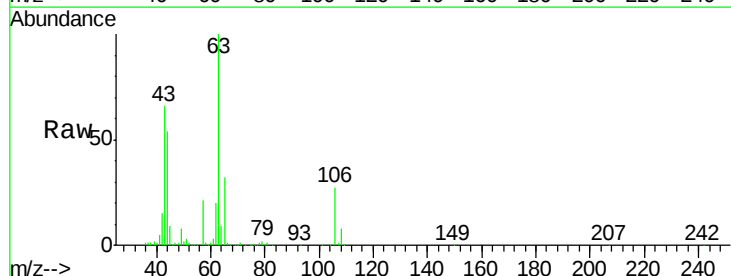
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

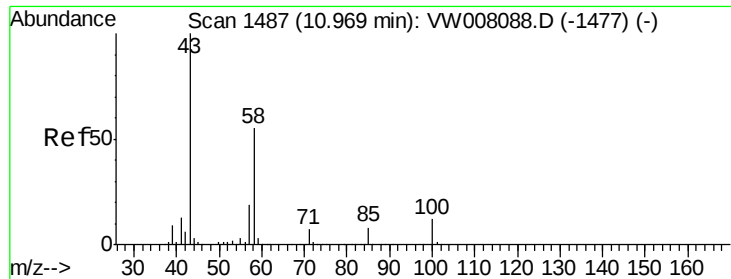
Tgt Ion: 76 Resp: 68937
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.477 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 63 Resp: 122659
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.8 32.6

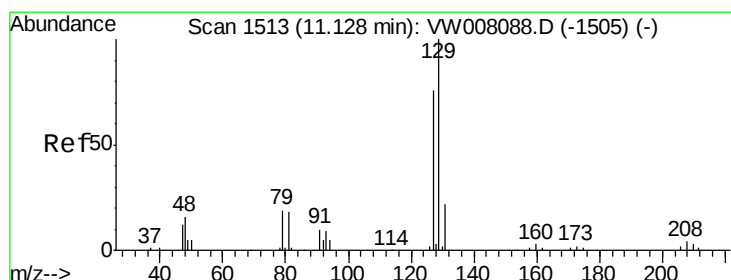
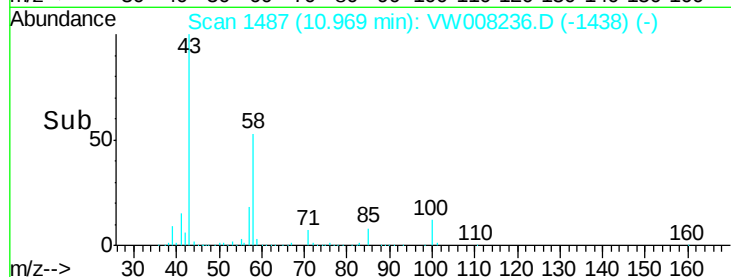
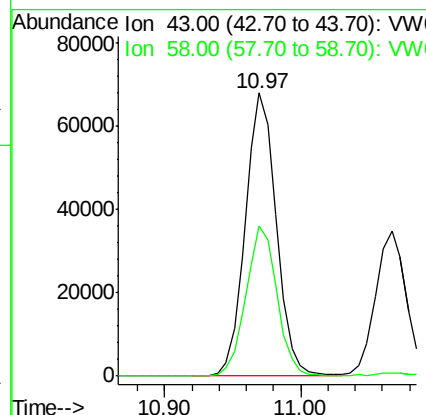
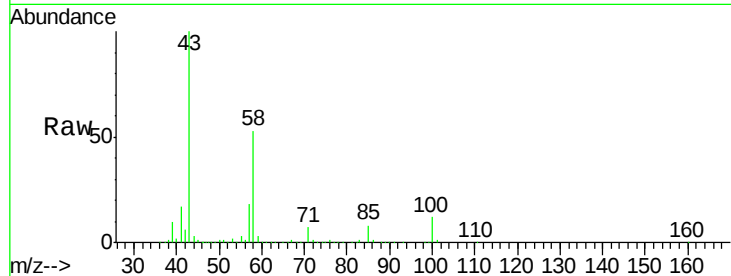




#59
2-Hexanone
Concen: 277.625 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

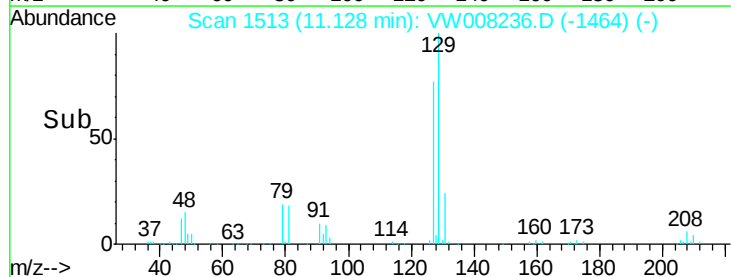
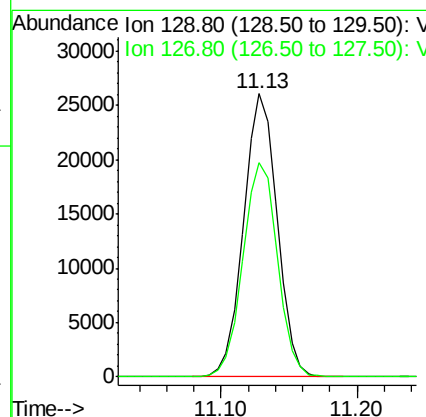
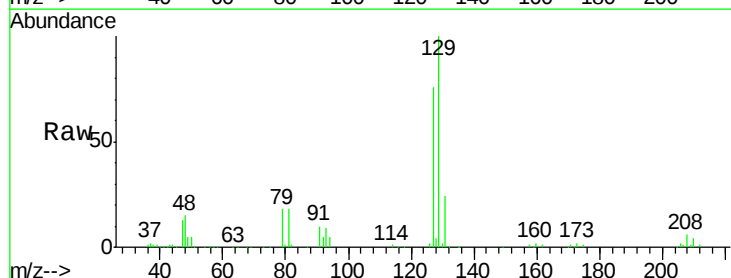
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ClientSampleId :
VSTDCCC050EC

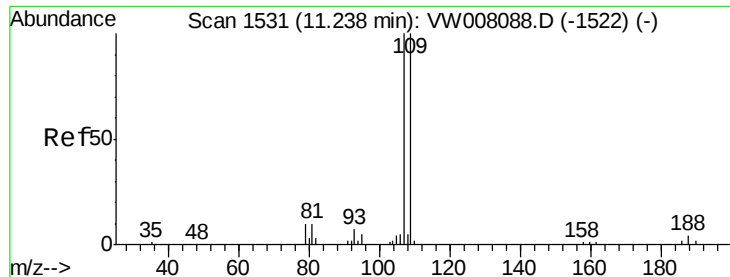
Tgt Ion: 43 Resp: 108088
Ion Ratio Lower Upper
43 100
58 53.4 27.2 81.5



#60
Dibromochloromethane
Concen: 59.737 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 129 Resp: 45167
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 58.324 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

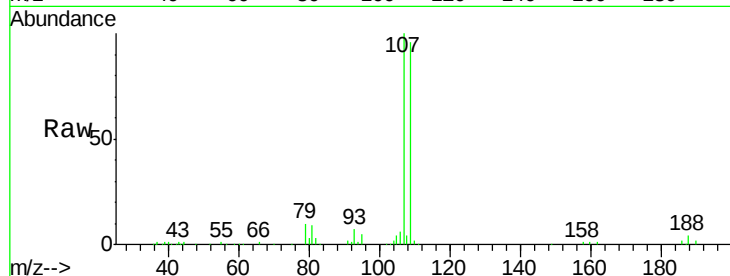
VSTDCCC050EC

Tgt Ion: 107 Resp: 38105

Ion Ratio Lower Upper

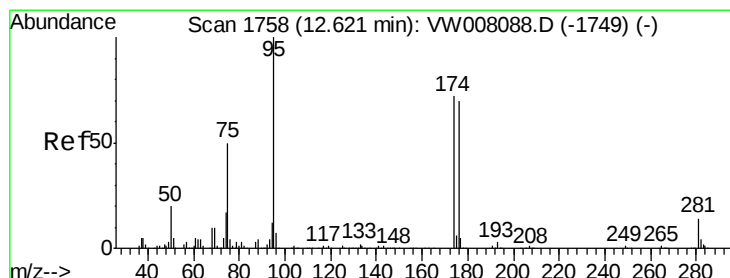
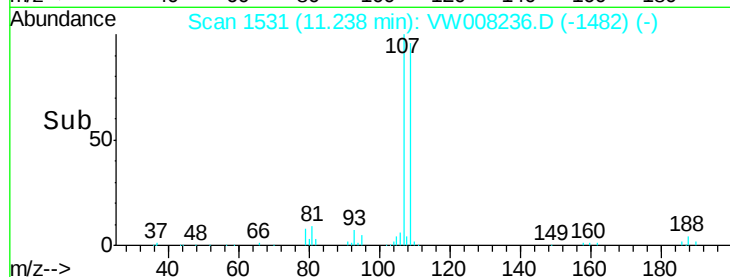
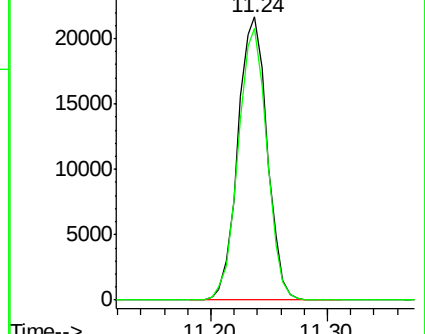
107 100

109 94.2 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.048 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

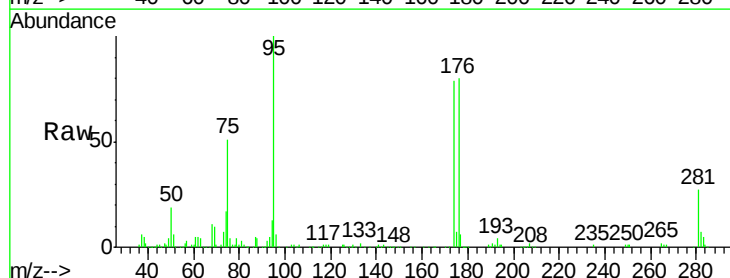
Tgt Ion: 95 Resp: 62034

Ion Ratio Lower Upper

95 100

174 76.7 0.0 143.0

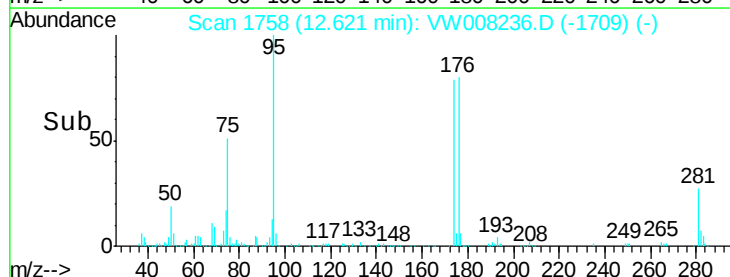
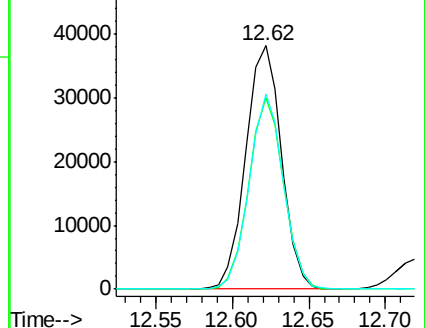
176 76.5 0.0 140.2

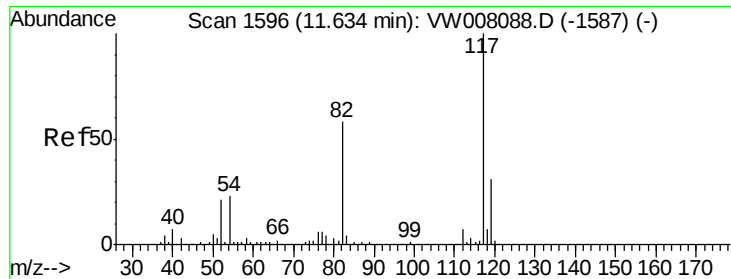


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

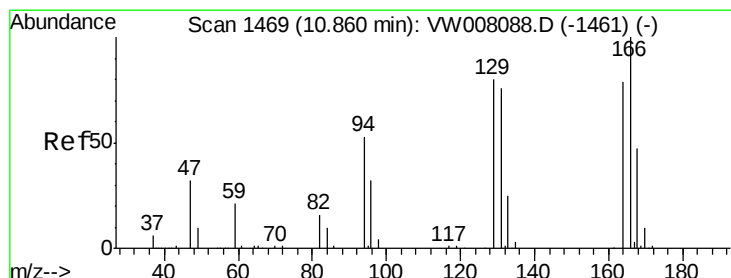
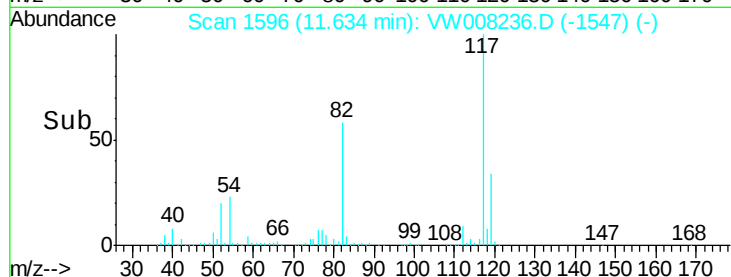
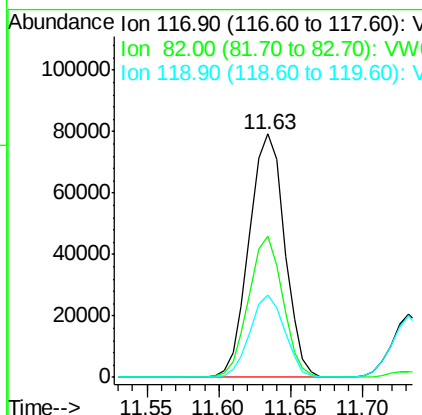
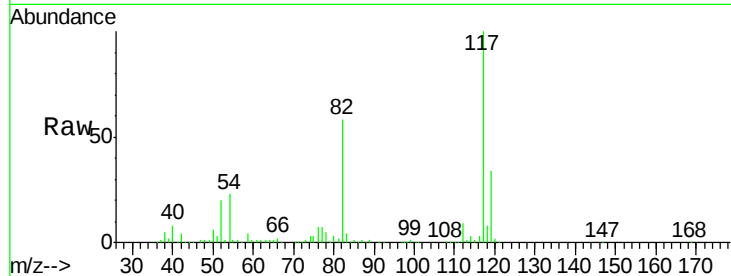




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

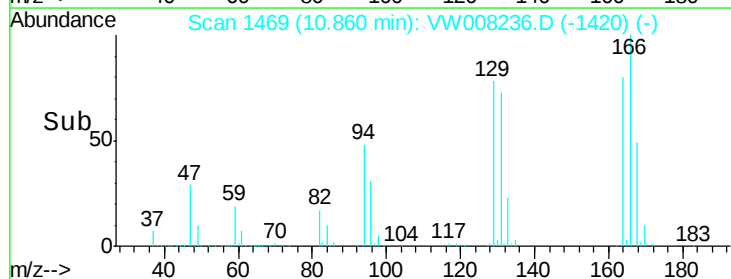
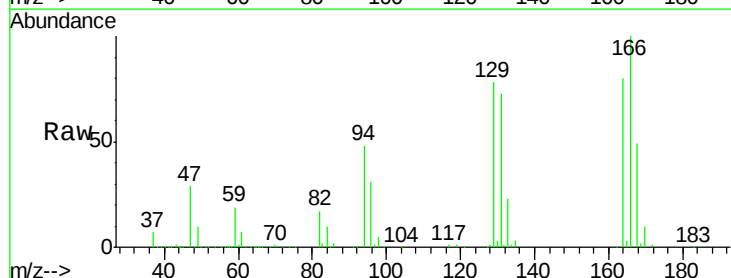
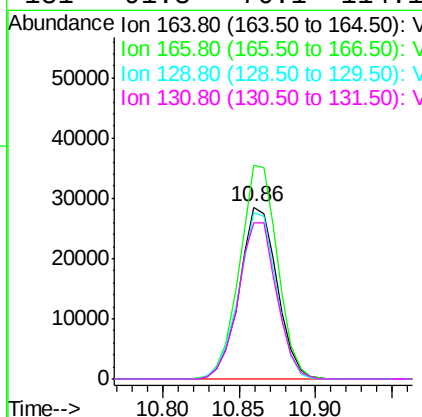
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

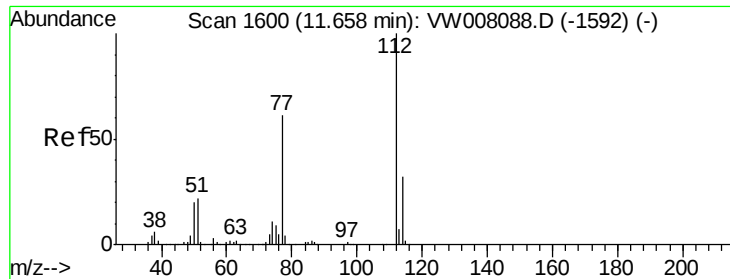
Tgt Ion:117 Resp: 135073
Ion Ratio Lower Upper
117 100
82 57.8 46.4 69.6
119 33.7 24.7 37.1



#64
Tetrachloroethene
Concen: 55.509 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion:164 Resp: 48795
Ion Ratio Lower Upper
164 100
166 124.4 100.7 151.1
129 96.7 81.0 121.4
131 91.3 76.1 114.1

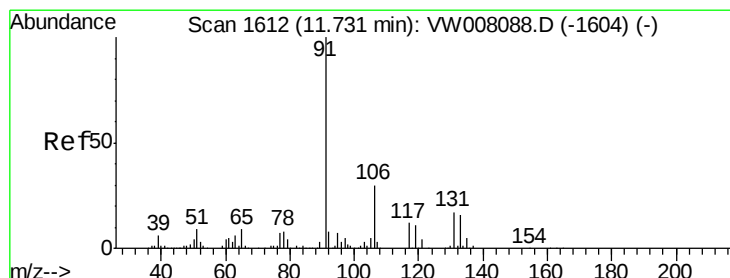
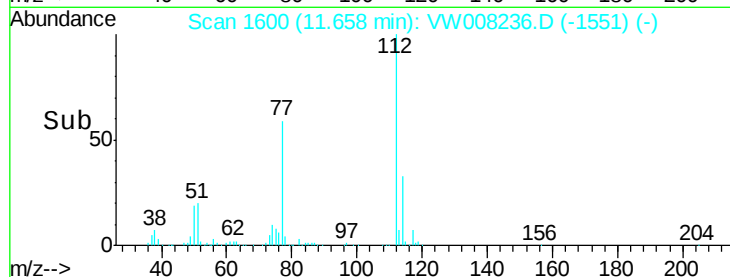
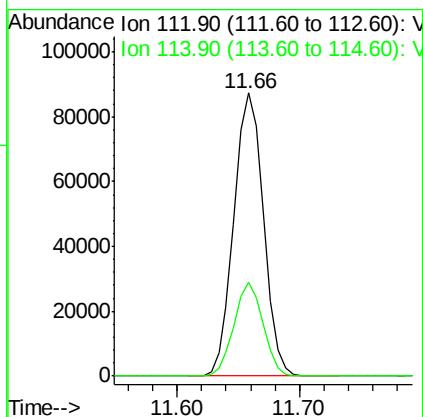
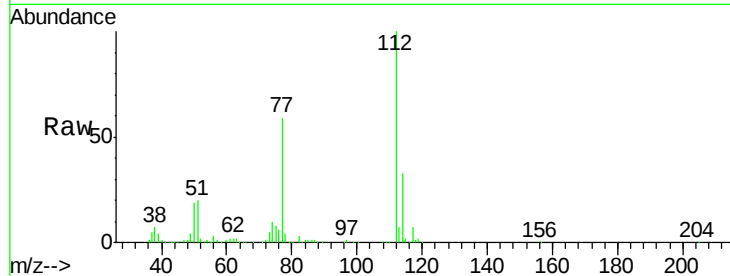




#65
Chlorobenzene
Concen: 51.048 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

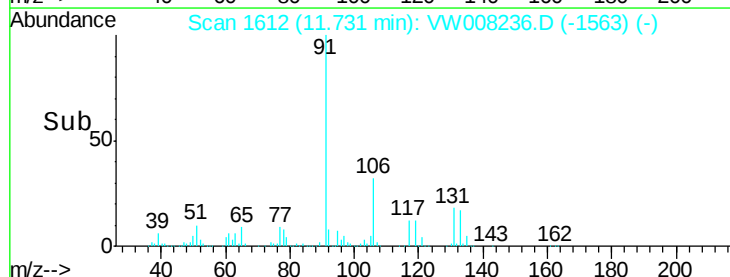
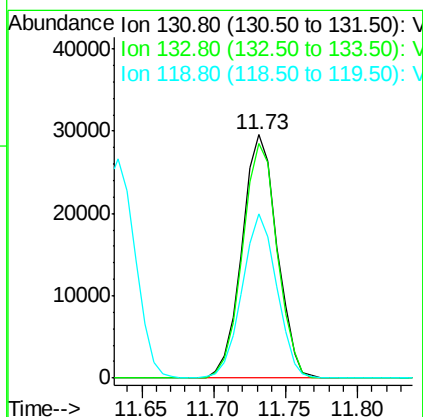
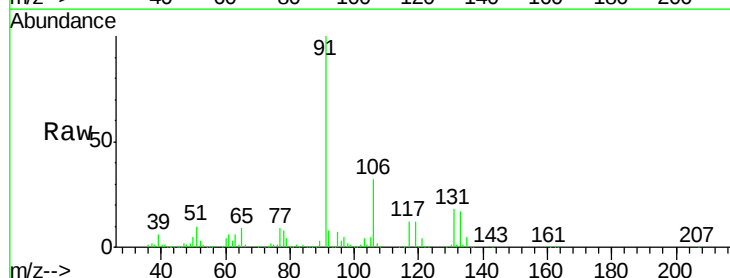
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

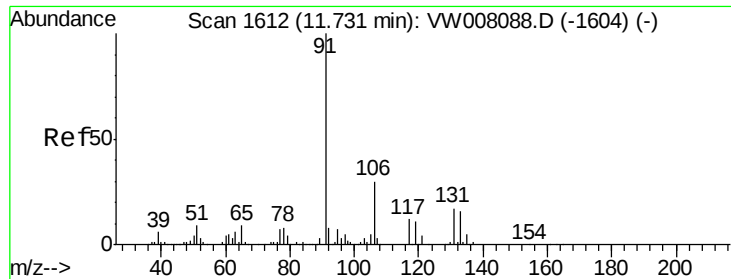
Tgt Ion:112 Resp: 146079
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.478 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion:131 Resp: 49775
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 66.7 32.5 97.4

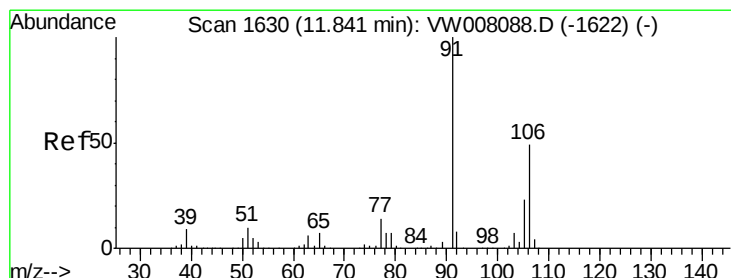
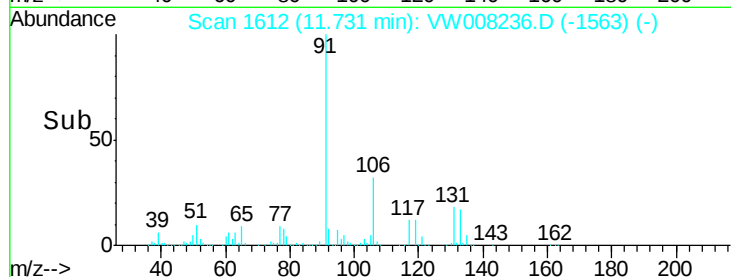
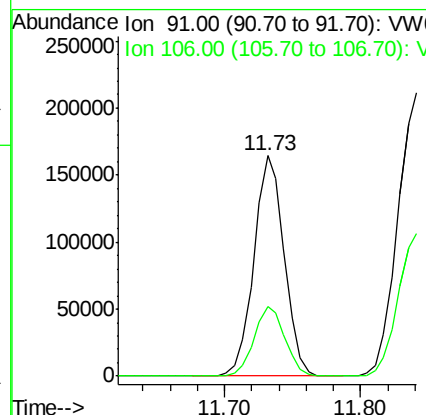
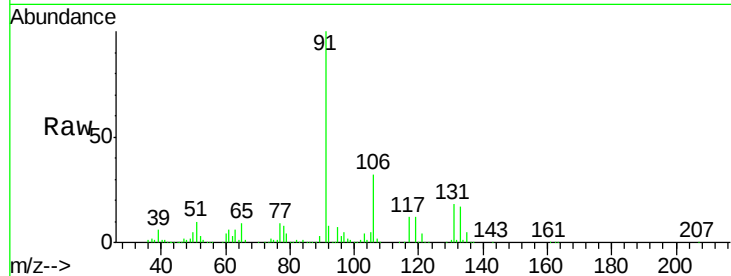




#67
Ethyl Benzene
Concen: 48.996 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

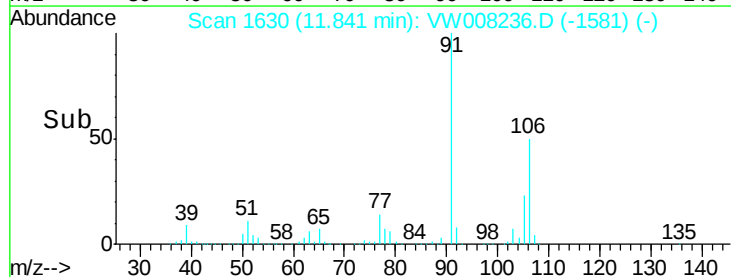
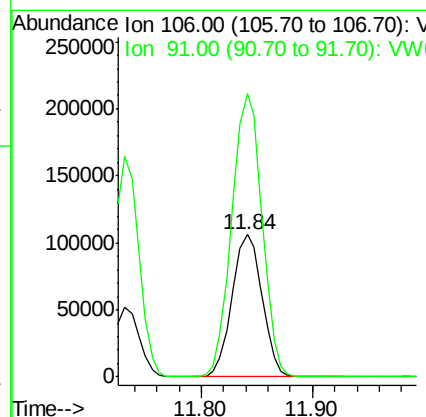
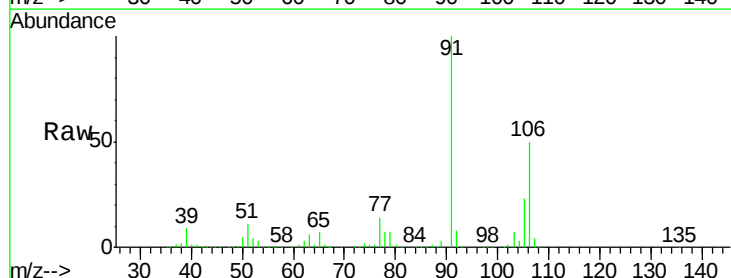
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

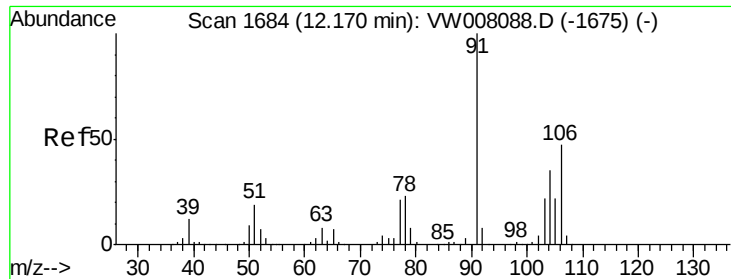
Tgt Ion: 91 Resp: 256543
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4



#68
m/p-Xylenes
Concen: 99.465 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 106 Resp: 198782
Ion Ratio Lower Upper
106 100
91 199.9 162.4 243.6

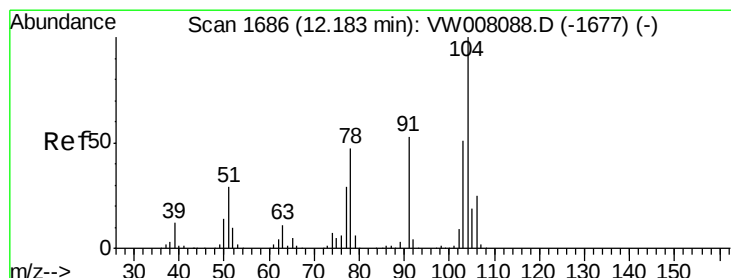
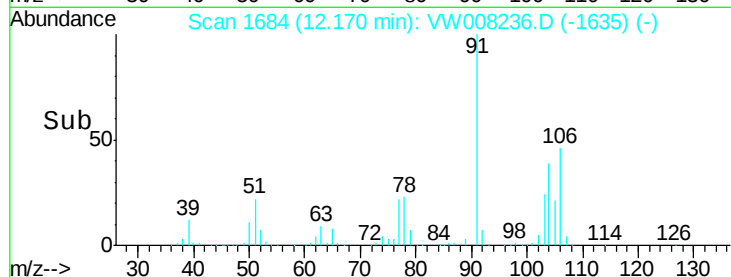
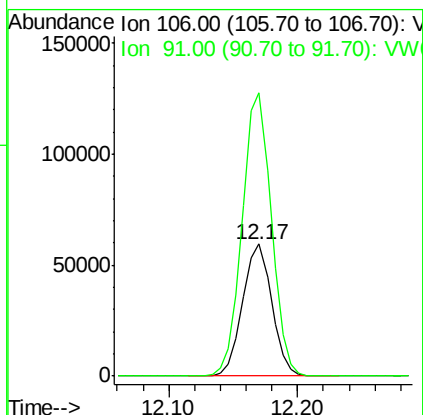
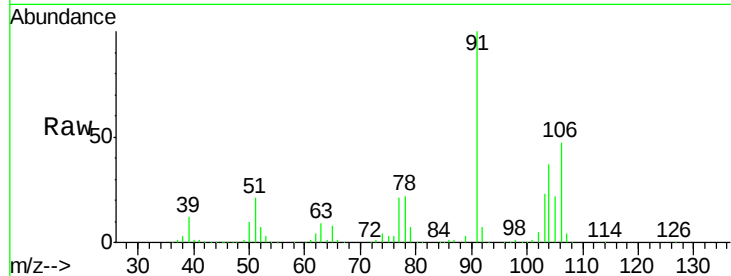




#69
o-Xylene
Concen: 50.311 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

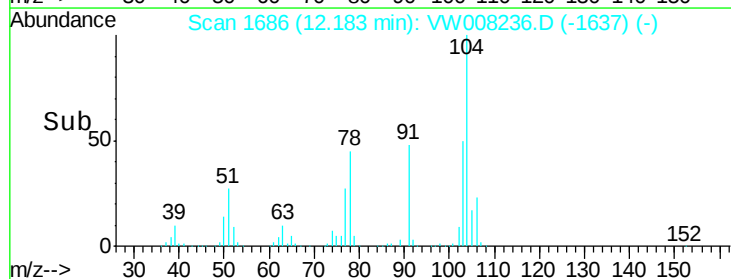
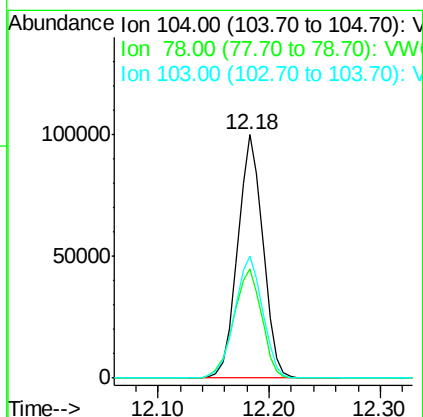
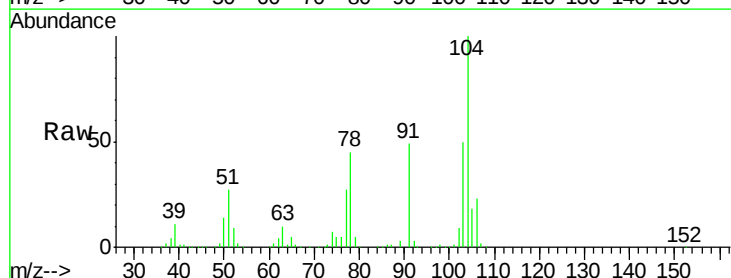
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

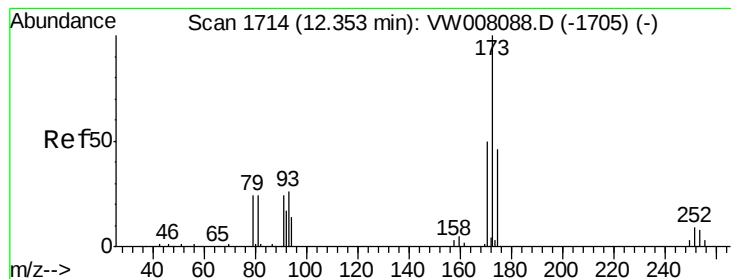
Tgt Ion:106 Resp: 93110
Ion Ratio Lower Upper
106 100
91 213.6 107.8 323.6



#70
Styrene
Concen: 53.956 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion:104 Resp: 156408
Ion Ratio Lower Upper
104 100
78 49.9 41.8 62.8
103 55.6 43.8 65.8





#71

Bromoform

Concen: 60.676 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

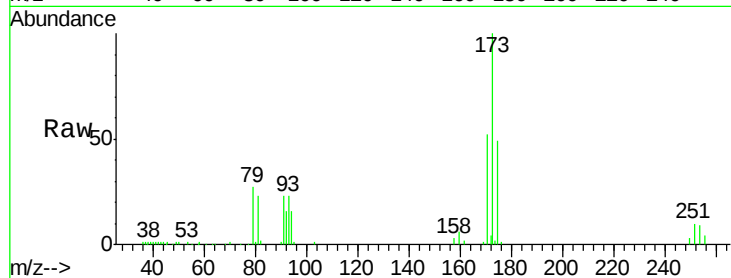
Tgt Ion:173 Resp: 25275

Ion Ratio Lower Upper

173 100

175 48.2 23.3 69.8

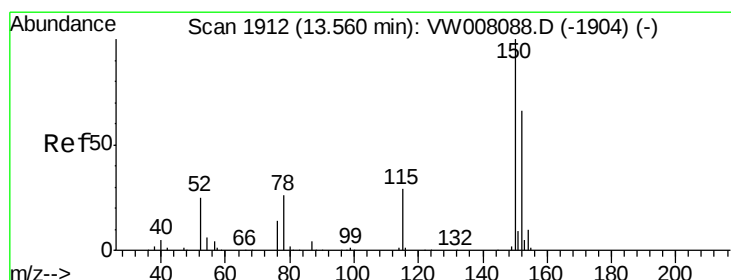
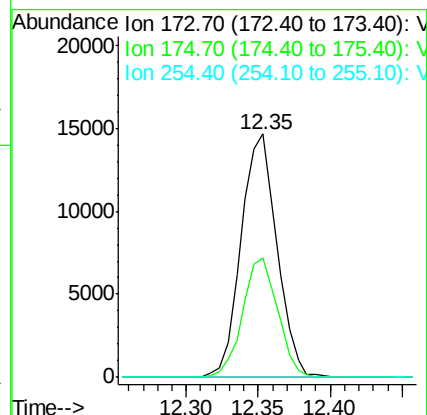
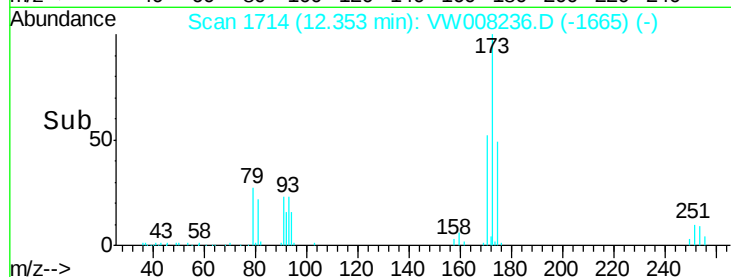
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

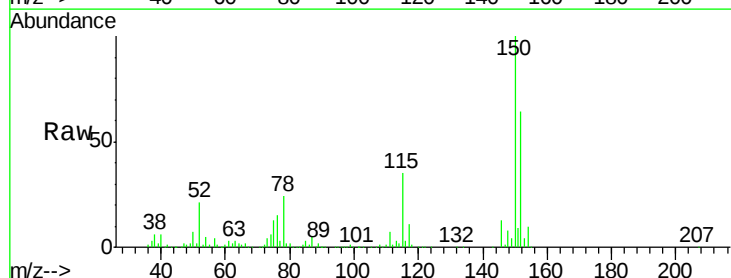
Tgt Ion:152 Resp: 68161

Ion Ratio Lower Upper

152 100

115 56.3 30.8 92.4

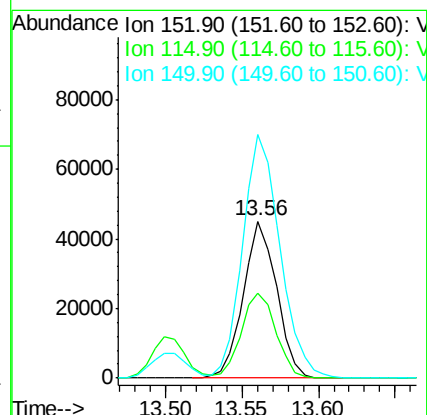
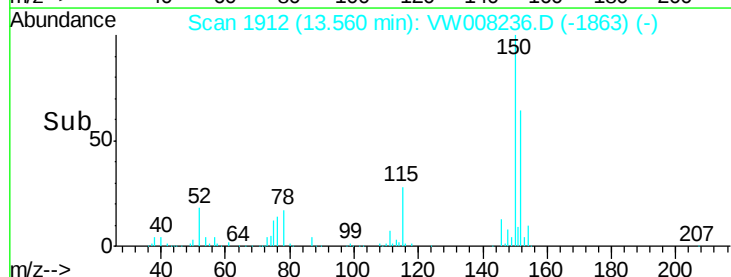
150 174.5 0.0 350.2

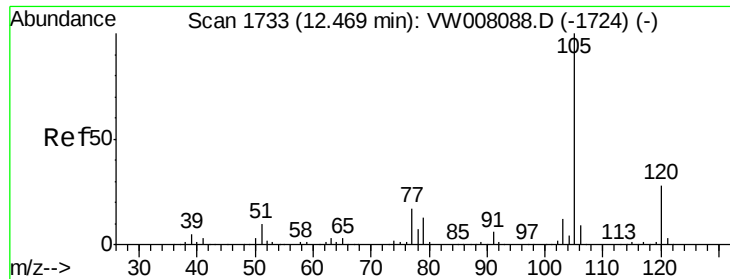


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.217 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

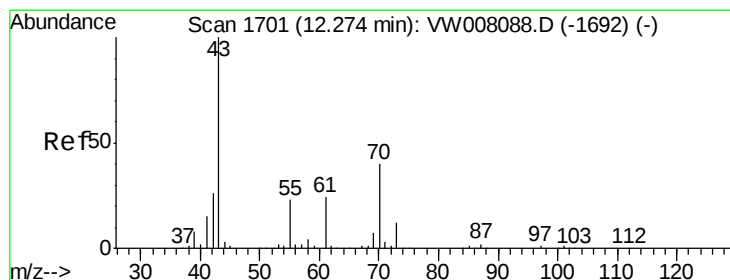
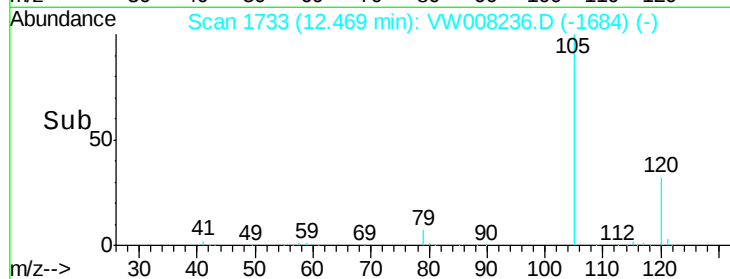
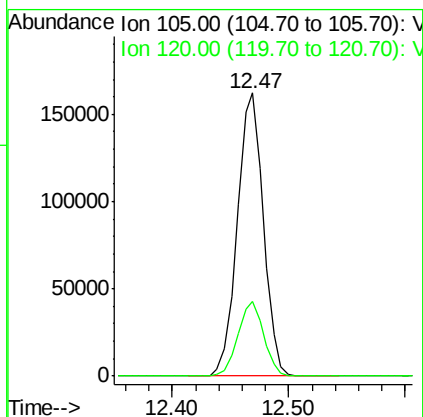
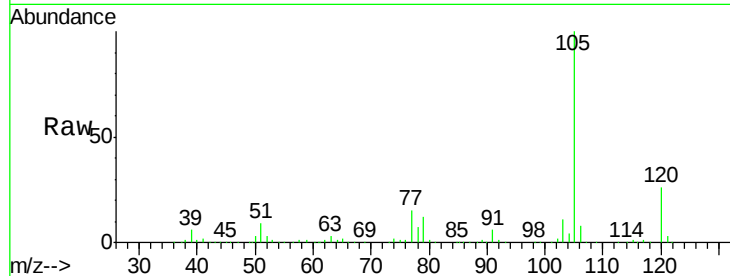
VSTDCCC050EC

Tgt Ion: 105 Resp: 252673

Ion Ratio Lower Upper

105 100

120 26.3 13.6 40.8



#74

N-ethyl acetate

Concen: 47.503 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Tgt Ion: 43 Resp: 56294

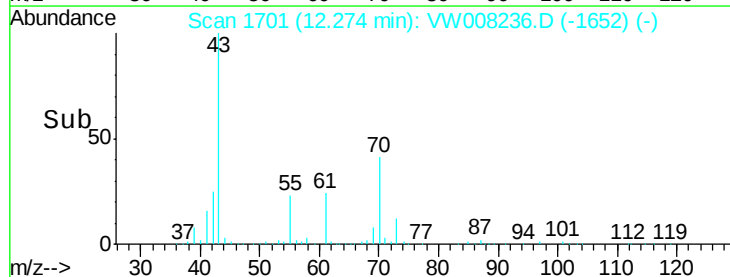
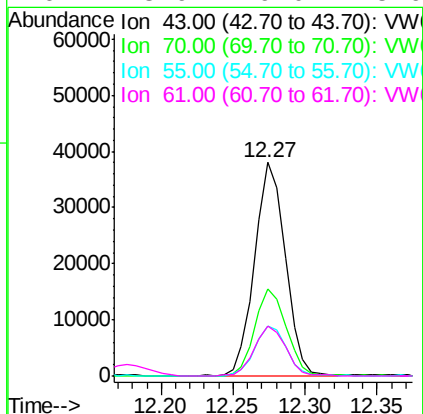
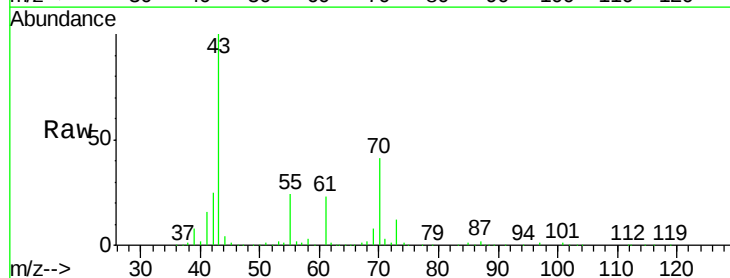
Ion Ratio Lower Upper

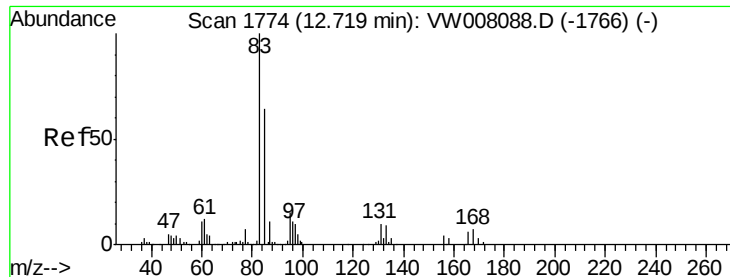
43 100

70 41.8 32.4 48.6

55 24.5 18.7 28.1

61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.827 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

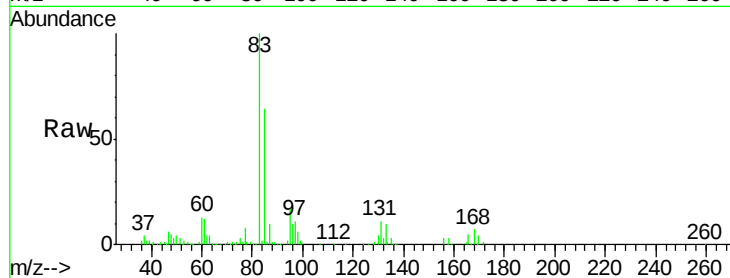
Tgt Ion: 83 Resp: 45249

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

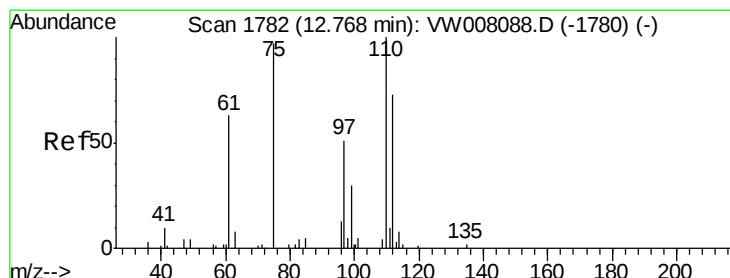
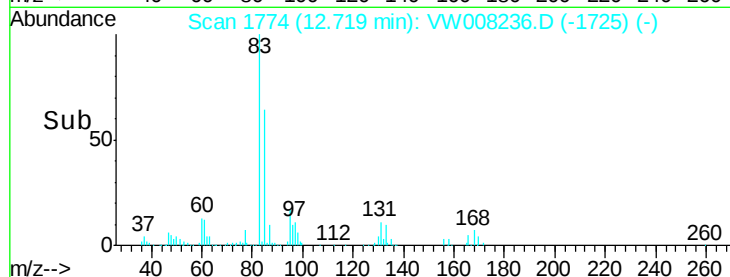
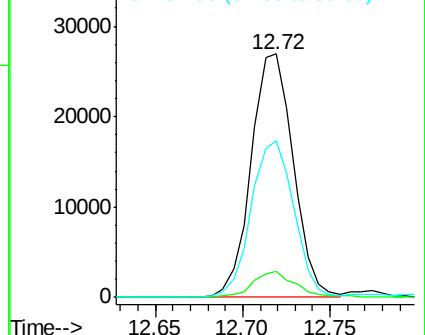
85 65.1 32.4 97.2



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: 94.919 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008236.D

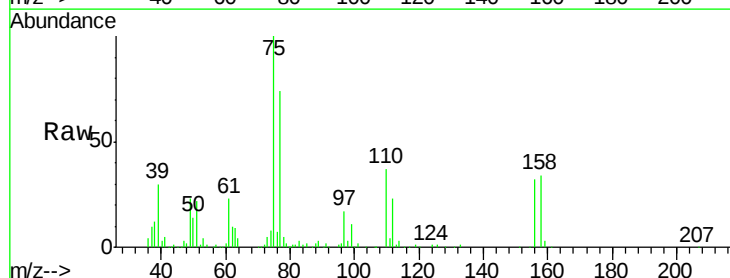
Acq: 12 Jan 2019 12:00

Tgt Ion: 75 Resp: 58979

Ion Ratio Lower Upper

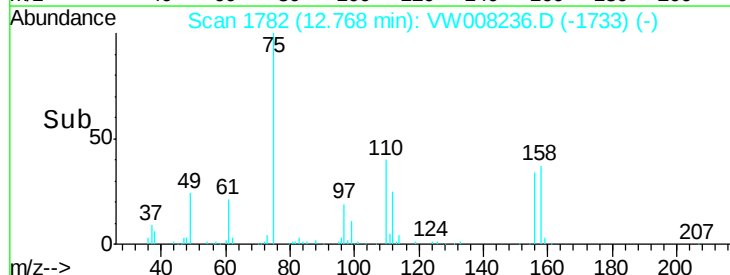
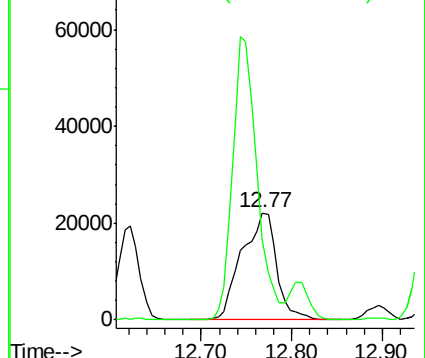
75 100

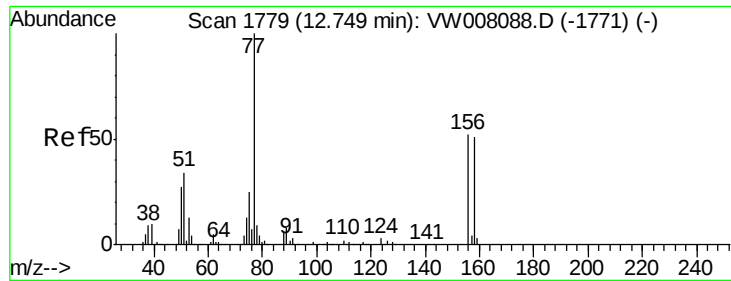
77 0.0 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.393 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

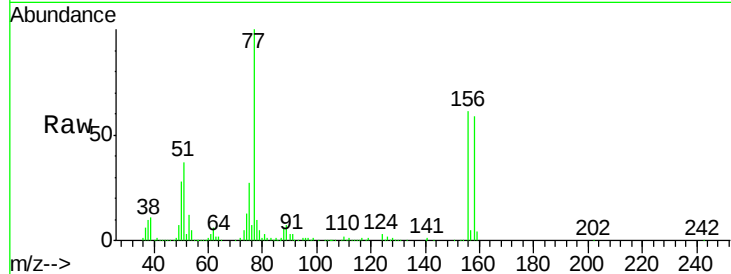
Tgt Ion:156 Resp: 56980

Ion Ratio Lower Upper

156 100

77 193.3 104.2 312.5

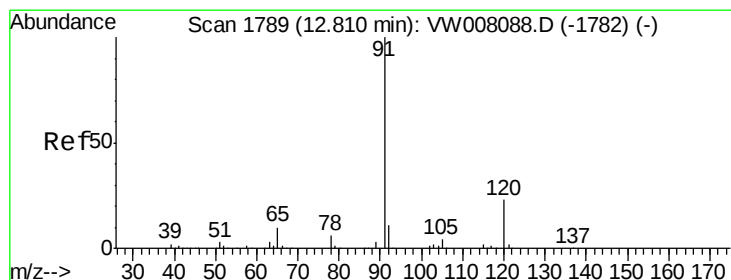
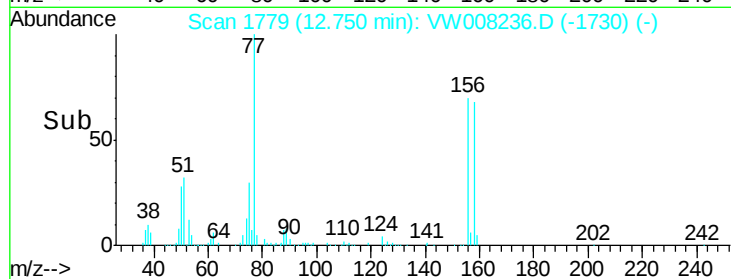
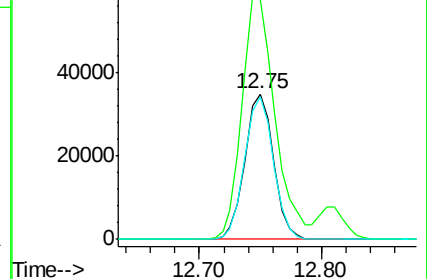
158 98.0 47.9 143.6



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: 45.431 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008236.D

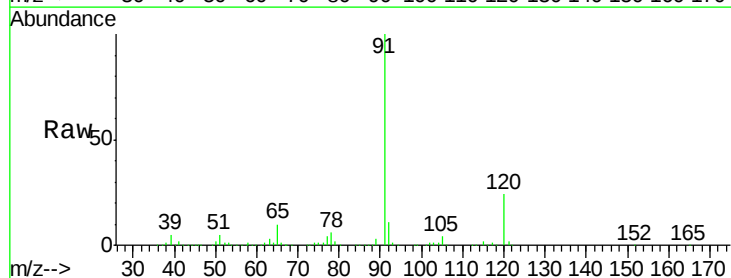
Acq: 12 Jan 2019 12:00

Tgt Ion: 91 Resp: 297885

Ion Ratio Lower Upper

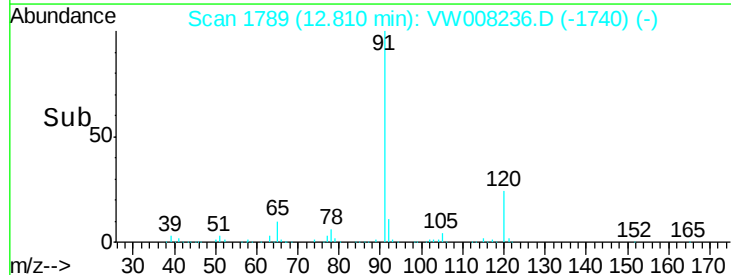
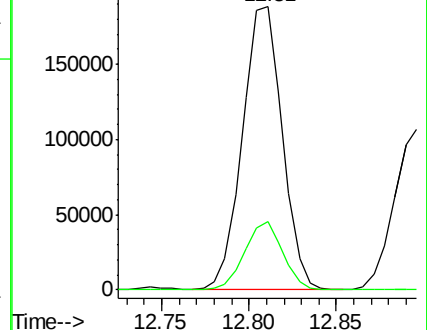
91 100

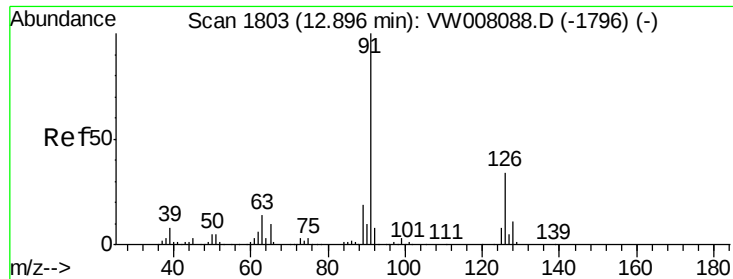
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

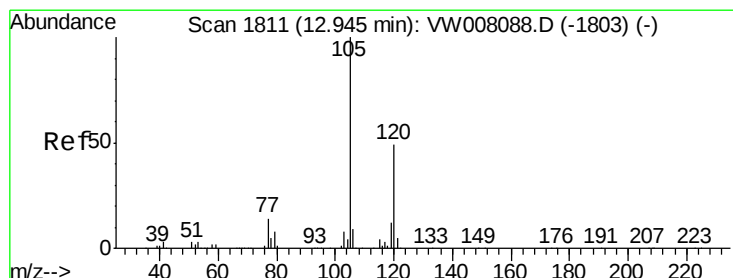
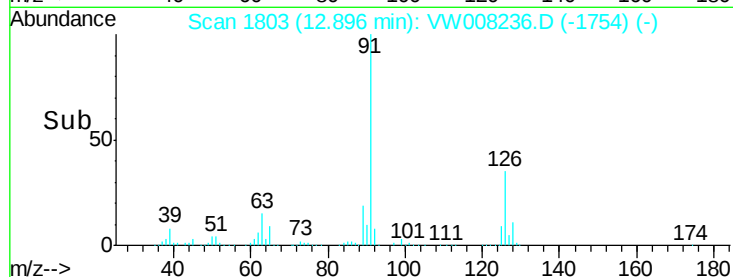
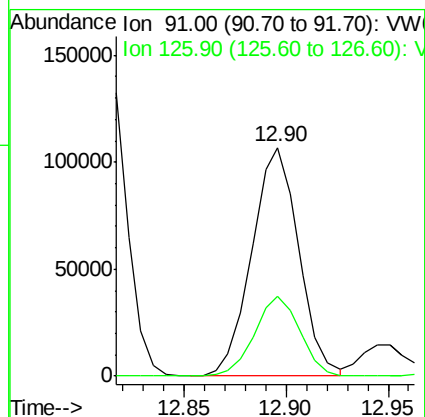
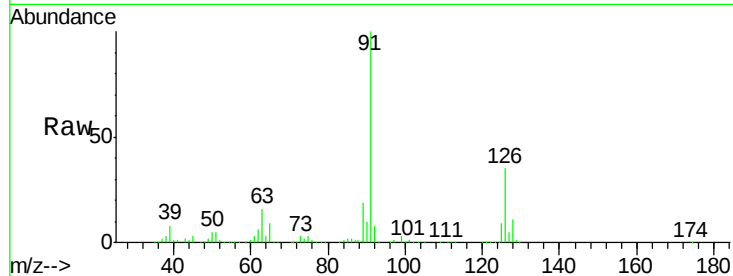




#79
2-Chlorotoluene
Concen: 46.605 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

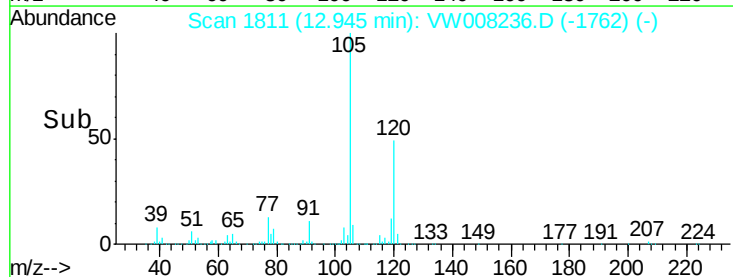
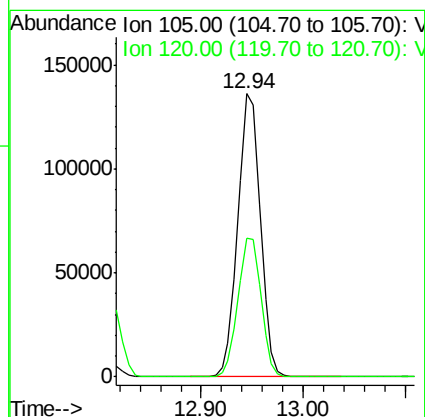
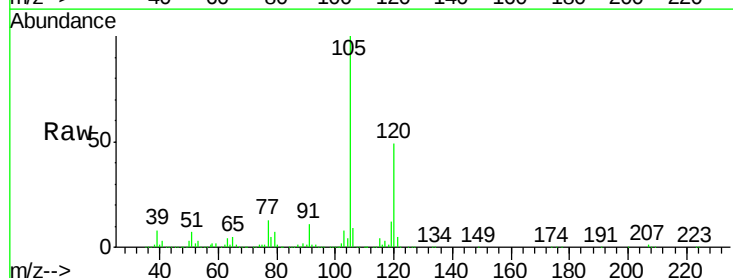
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

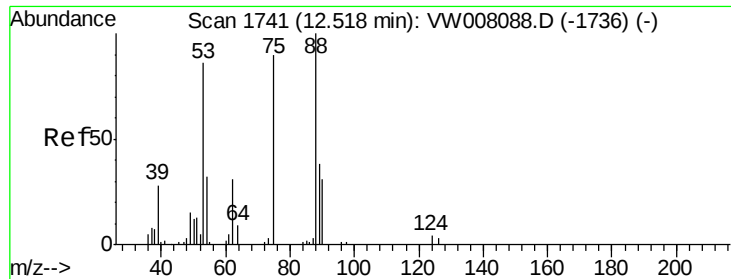
Tgt Ion: 91 Resp: 170486
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 47.104 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 105 Resp: 207139
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1

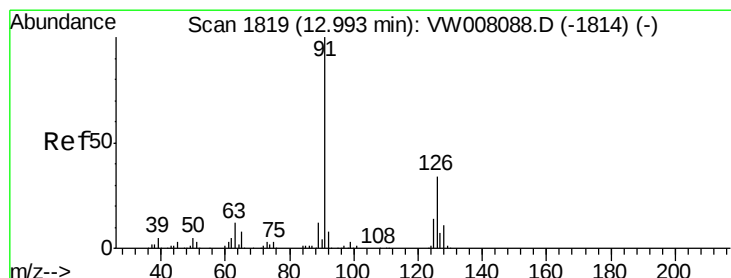
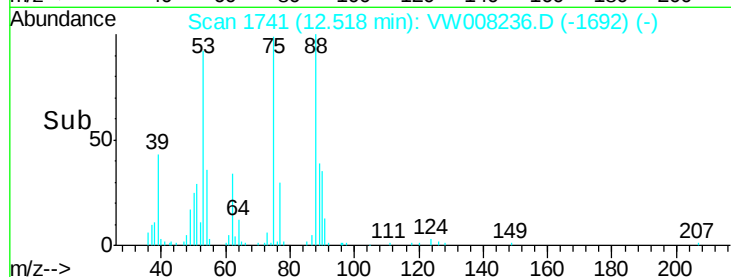
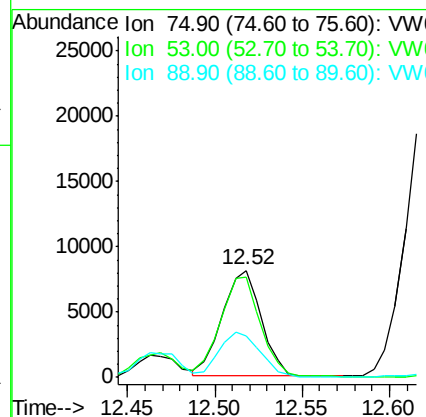
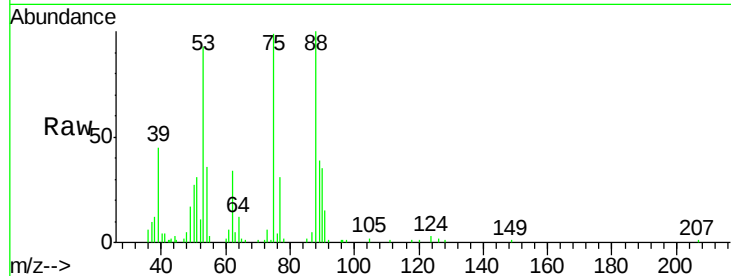




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.214 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

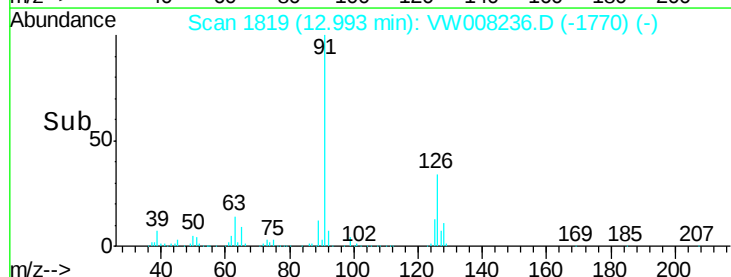
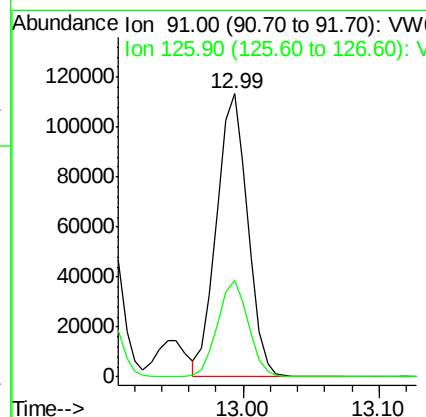
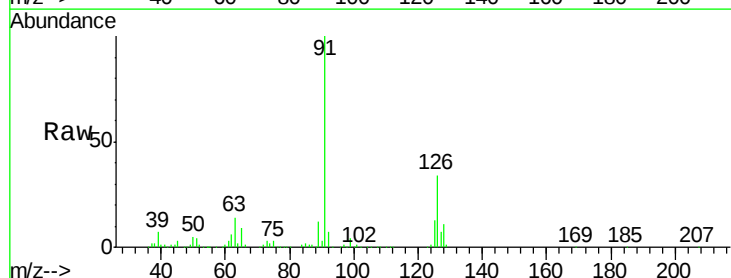
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

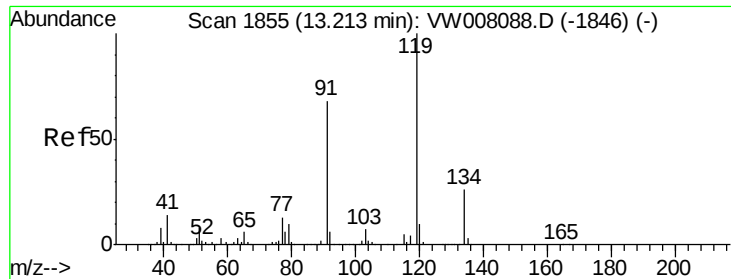
Tgt Ion: 75 Resp: 12598
 Ion Ratio Lower Upper
 75 100
 53 98.8 78.8 118.2
 89 45.0 35.4 53.2



#82
 4-Chlorotoluene
 Concen: 46.406 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 91 Resp: 178790
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.5 49.5

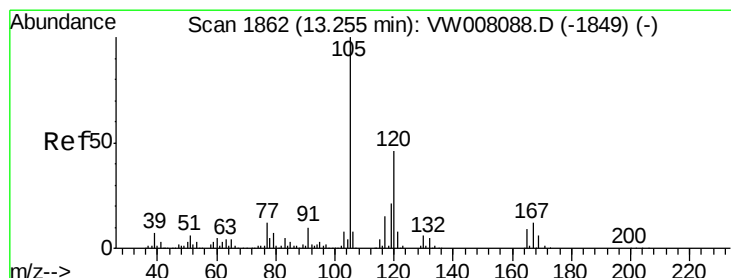
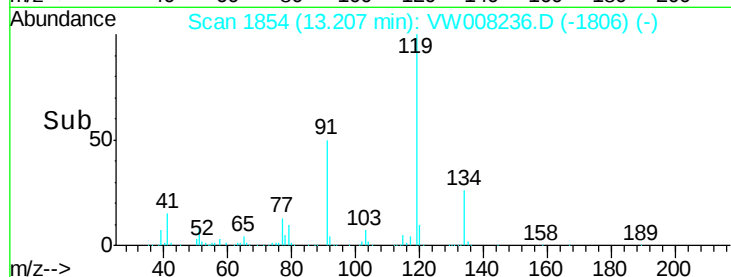
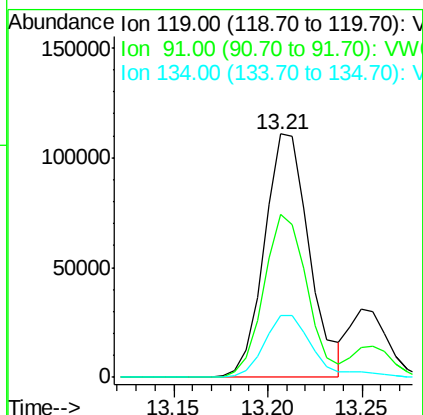
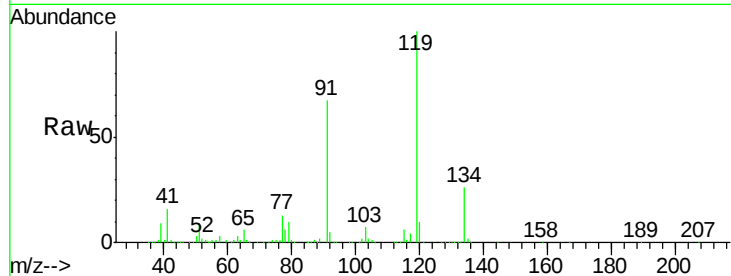




#83
 tert-Butylbenzene
 Concen: 47.098 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

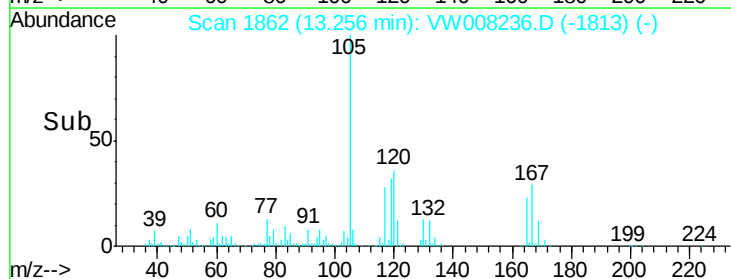
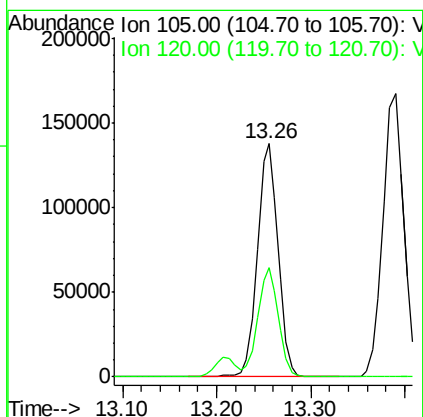
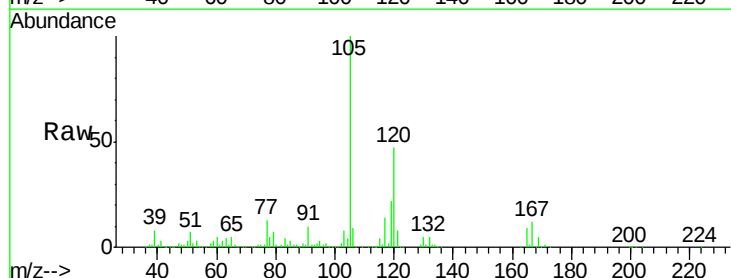
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

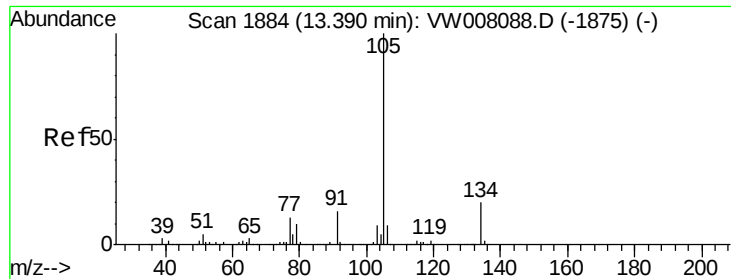
Tgt Ion:119 Resp: 183229
 Ion Ratio Lower Upper
 119 100
 91 64.6 33.9 101.6
 134 27.7 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 46.987 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion:105 Resp: 213105
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.7 68.1

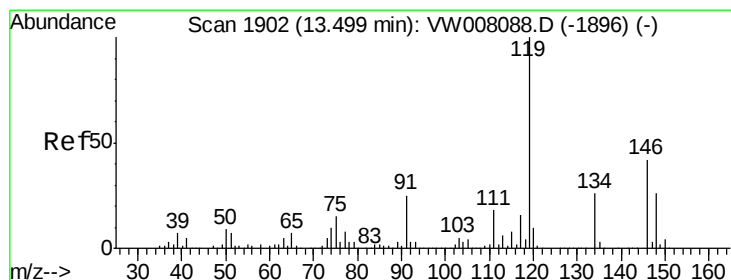
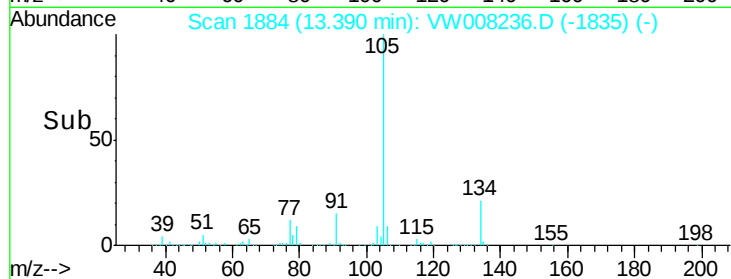
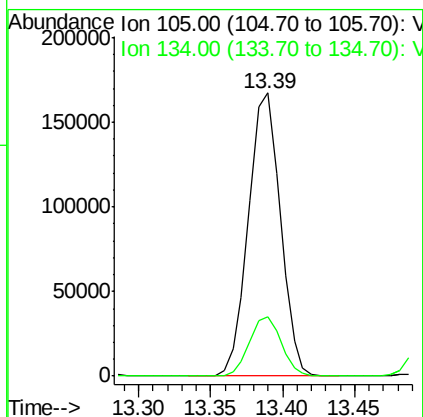
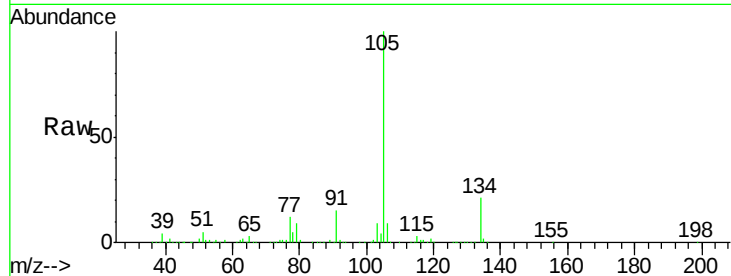




#85
 sec-Butylbenzene
 Concen: 45.138 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

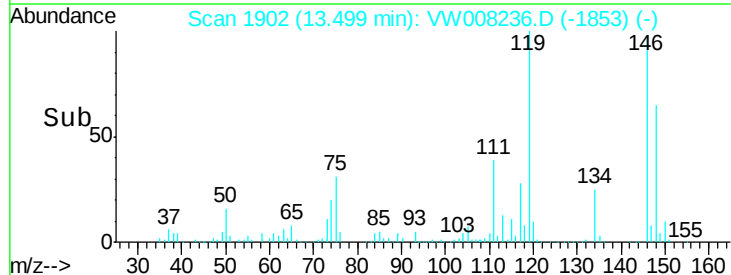
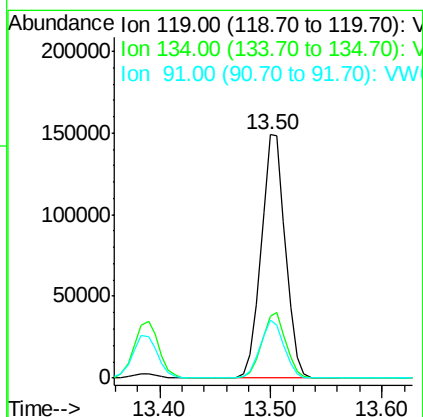
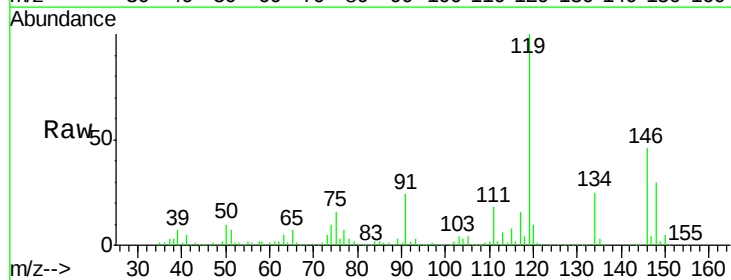
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

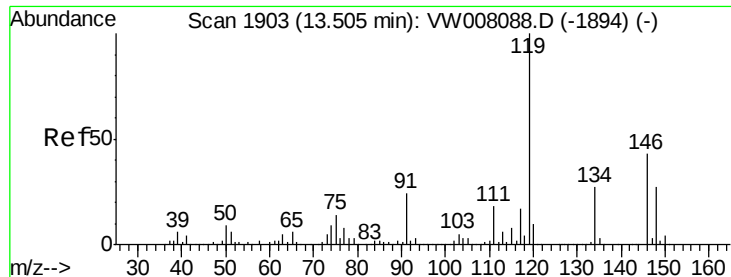
Tgt Ion:105 Resp: 257235
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 45.980 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion:119 Resp: 226276
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.7 12.3 36.9

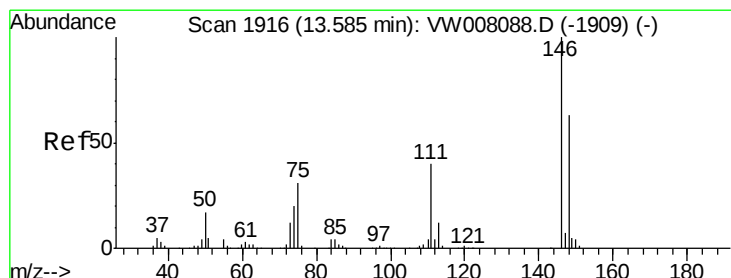
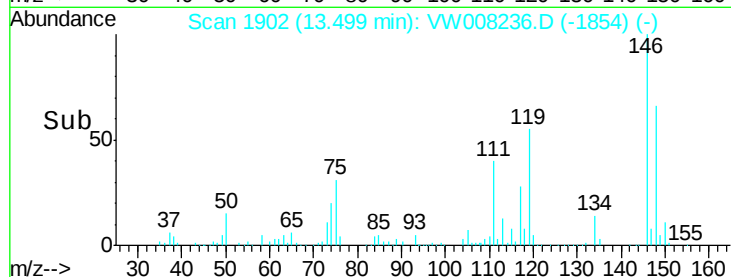
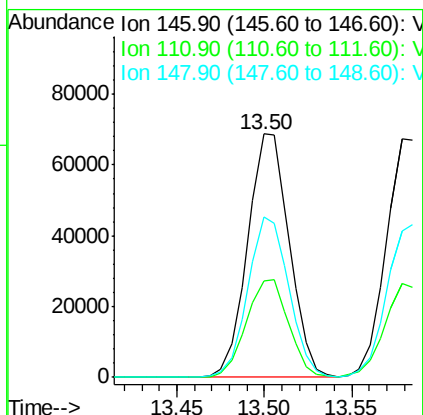
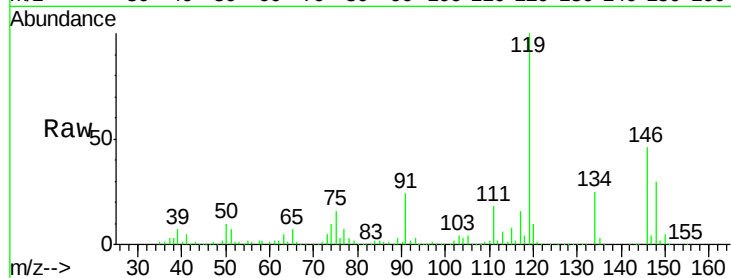




#87
 1,3-Dichlorobenzene
 Concen: 49.638 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

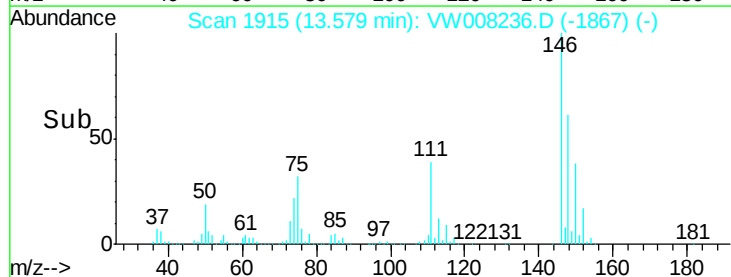
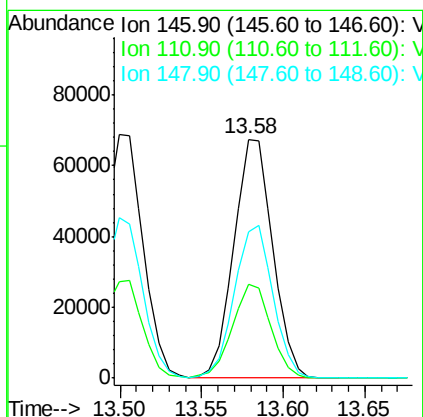
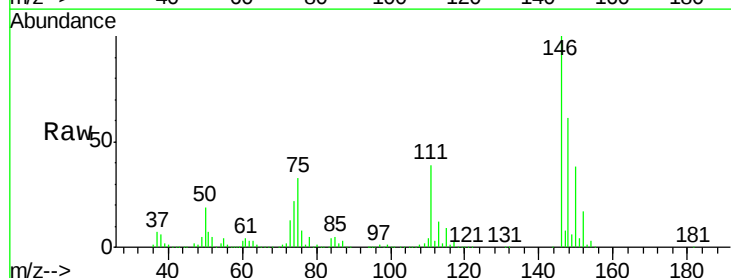
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 113855
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.1 63.1
 148 64.5 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 48.758 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion:146 Resp: 112205
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.5 61.5
 148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 43.460 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

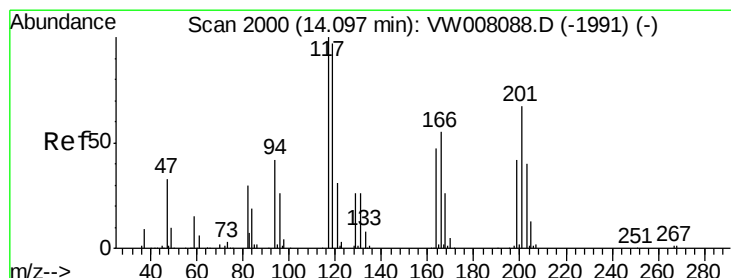
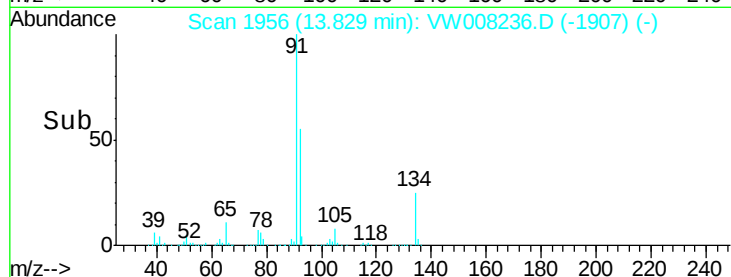
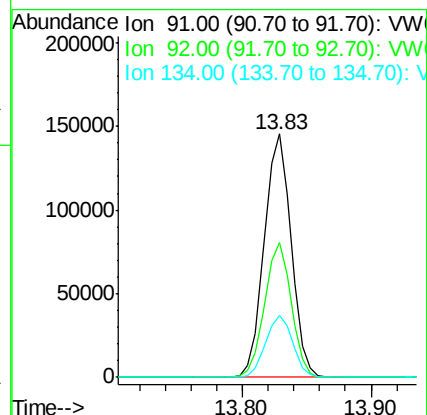
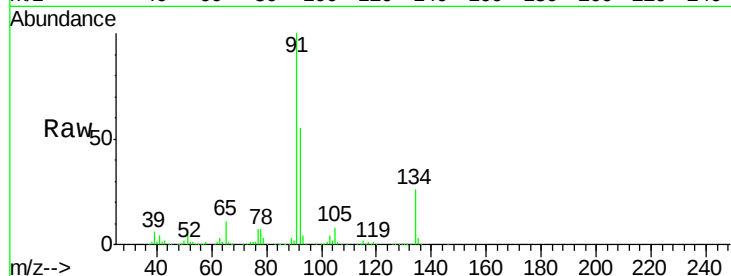
Tgt Ion: 91 Resp: 209471

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.2

134 25.8 12.6 37.8



#90

Hexachloroethane

Concen: 48.291 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008236.D

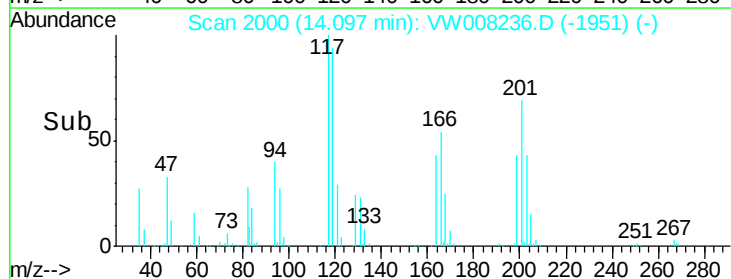
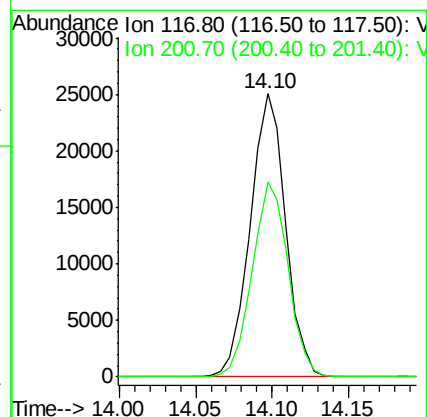
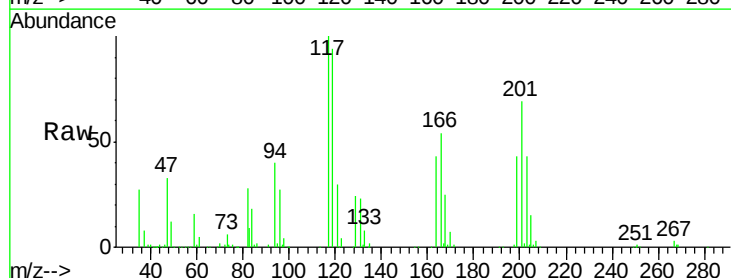
Acq: 12 Jan 2019 12:00

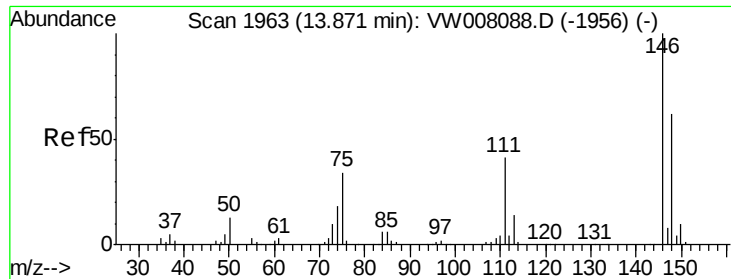
Tgt Ion: 117 Resp: 40140

Ion Ratio Lower Upper

117 100

201 70.2 33.0 98.9

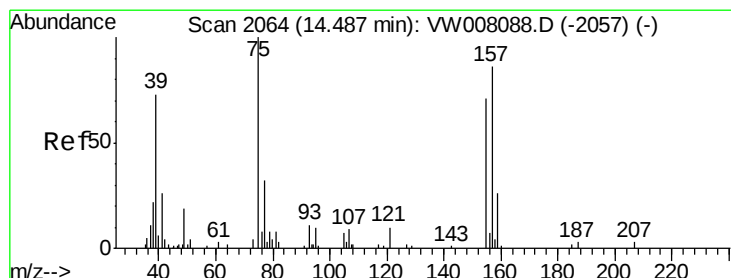
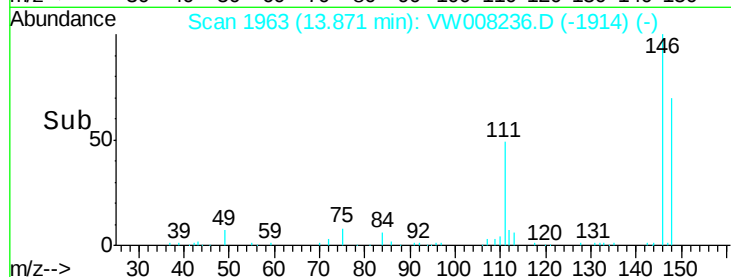
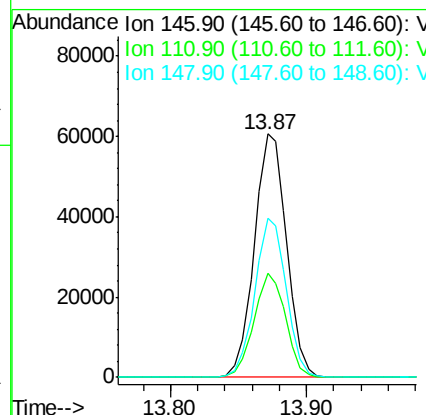
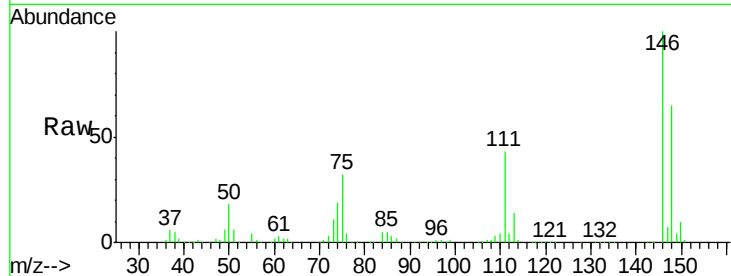




#91
 1,2-Dichlorobenzene
 Concen: 49.836 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

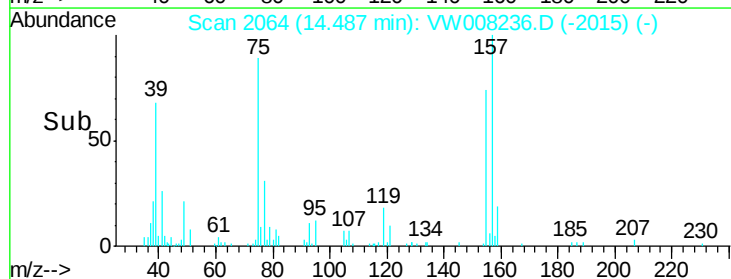
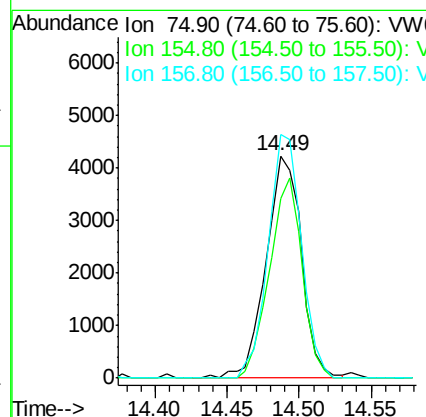
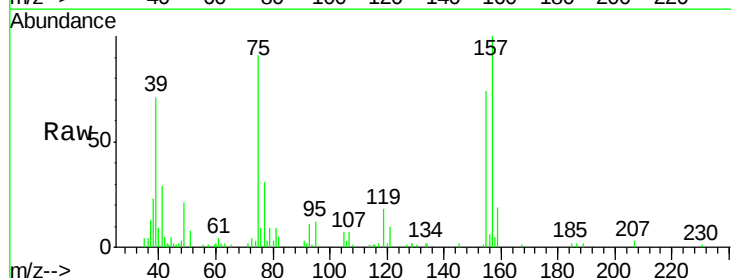
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

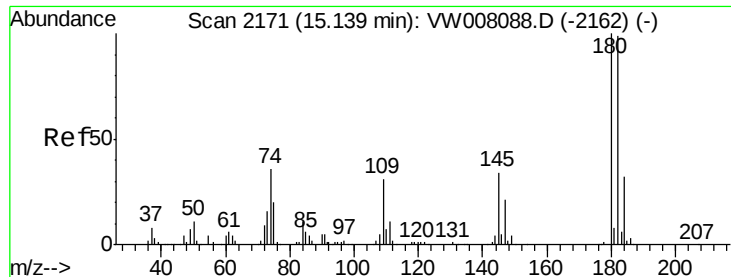
Tgt Ion: 146 Resp: 100460
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.7
 148 63.8 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.247 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 75 Resp: 7202
 Ion Ratio Lower Upper
 75 100
 155 82.8 38.6 115.7
 157 103.0 47.5 142.6

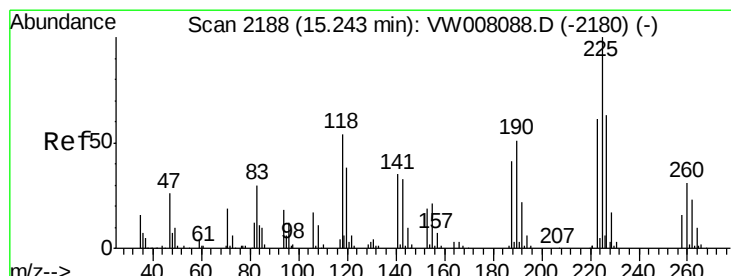
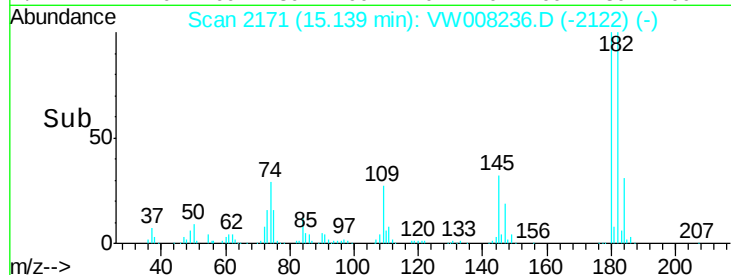
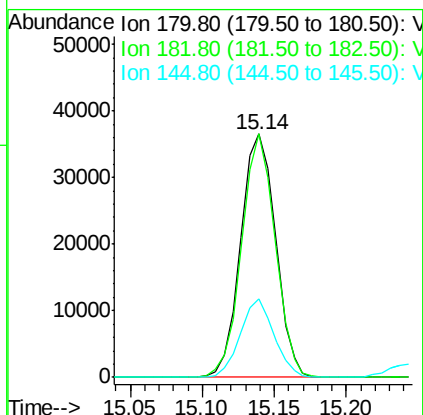
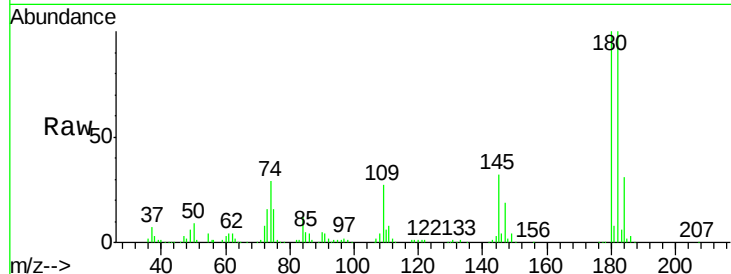




#93
 1,2,4-Trichlorobenzene
 Concen: 45.865 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

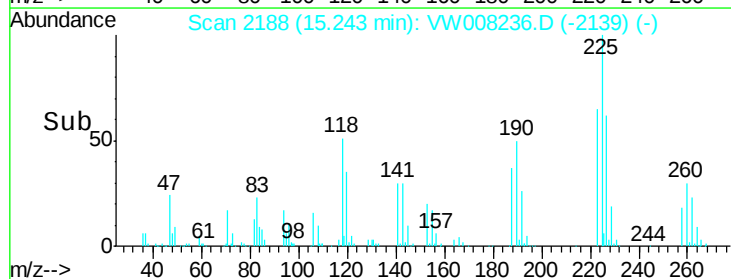
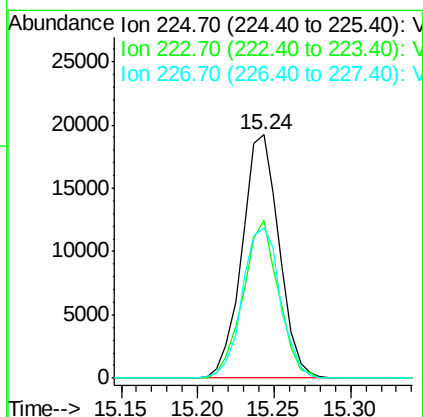
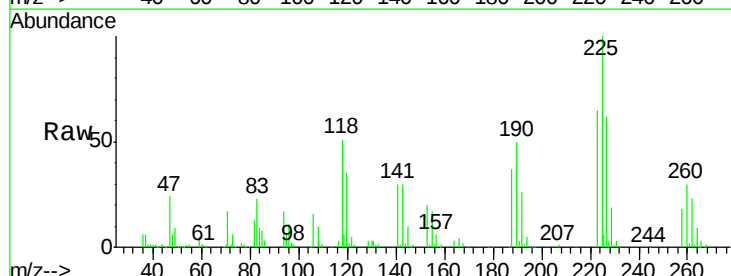
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

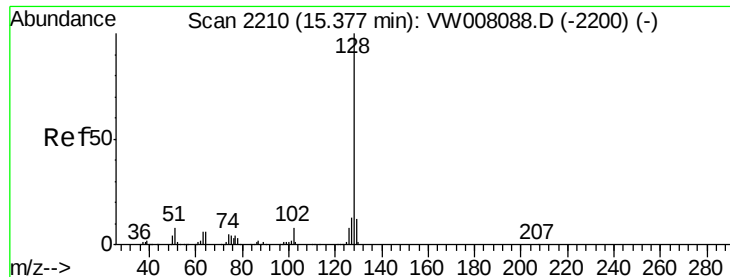
Tgt Ion:180 Resp: 61383
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.6 145.9
 145 31.2 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 45.027 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion:225 Resp: 32254
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.4 94.3
 227 63.7 32.0 96.2

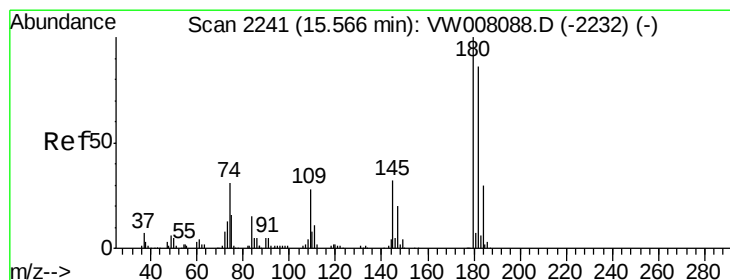
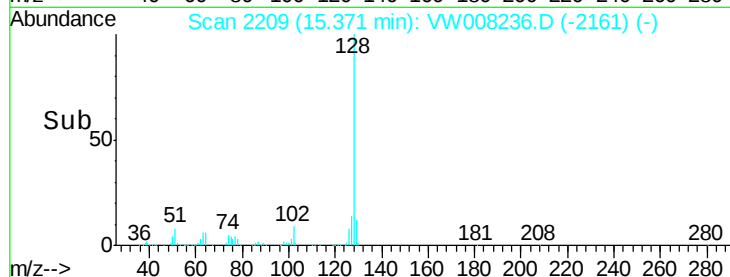
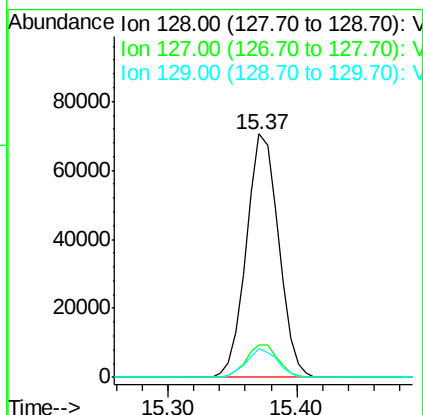
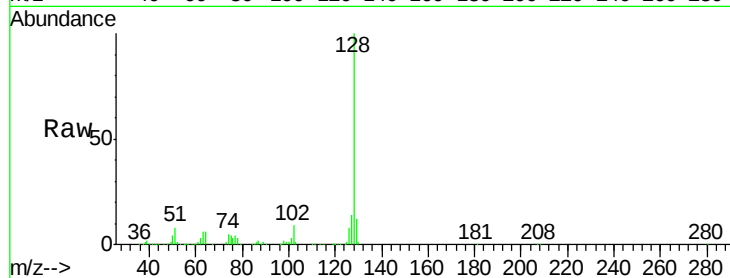




#95
Naphthalene
Concen: 48.824 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 122010
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 47.625 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion:180 Resp: 54335
Ion Ratio Lower Upper
180 100
182 94.7 46.5 139.3
145 33.3 17.4 52.2

