

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008800.D
 Acq On : 25 Feb 2019 11:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 26 03:53:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	447170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	235846	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138609	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
35) Dibromofluoromethane	7.88	113	130790	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	10.32	98	542056	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.62	95	207400	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	167848	52.476	ug/l	99
3) Chloromethane	2.21	50	208373	53.518	ug/l	98
4) Vinyl Chloride	2.35	62	220233	53.424	ug/l	98
5) Bromomethane	2.76	94	157241	51.354	ug/l	98
6) Chloroethane	2.91	64	155872	53.248	ug/l	98
7) Trichlorofluoromethane	3.26	101	272992	52.360	ug/l	93
8) Diethyl Ether	3.68	74	73923	44.785	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	164132	51.840	ug/l	100
10) Methyl Iodide	4.27	142	211756	53.485	ug/l	99
11) Tert butyl alcohol	5.17	59	54806	205.531	ug/l	99
12) 1,1-Dichloroethene	4.03	96	145203	51.930	ug/l	95
13) Acrolein	3.90	56	75739	267.756	ug/l	96
14) Allyl chloride	4.67	41	245688	50.911	ug/l	97
15) Acrylonitrile	5.36	53	161259	227.640	ug/l	98
16) Acetone	4.12	43	167431	241.161	ug/l	96
17) Carbon Disulfide	4.37	76	488458	52.651	ug/l	97
18) Methyl Acetate	4.67	43	69647	42.294	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	348932	46.105	ug/l	98
20) Methylene Chloride	4.92	84	170593	49.866	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	162640	50.284	ug/l	96
22) Diisopropyl ether	6.31	45	472063	49.036	ug/l	95
23) Vinyl Acetate	6.26	43	1406727	236.506	ug/l	100
24) 1,1-Dichloroethane	6.21	63	276926	49.642	ug/l	99
25) 2-Butanone	7.17	43	215578	222.100	ug/l	99
26) 2,2-Dichloropropane	7.17	77	273016	53.907	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	170521	49.286	ug/l	99
28) Bromochloromethane	7.51	49	114641	49.109	ug/l	100
29) Tetrahydrofuran	7.52	42	133511	215.842	ug/l	100
30) Chloroform	7.67	83	284495	49.712	ug/l	98
31) Cyclohexane	7.95	56	279137	49.433	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	272583	52.376	ug/l	99
36) 1,1-Dichloropropene	8.08	75	231354	53.149	ug/l	98
37) Ethyl Acetate	7.26	43	96302	47.575	ug/l	98
38) Carbon Tetrachloride	8.07	117	247044	53.815	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008800.D
 Acq On : 25 Feb 2019 11:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 26 03:53:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	294151	54.177	ug/l	98
40) Benzene	8.32	78	621942	52.331	ug/l	99
41) Methacrylonitrile	7.48	41	53909m	45.308	ug/l	
42) 1,2-Dichloroethane	8.40	62	184388	48.976	ug/l	99
43) Isopropyl Acetate	8.42	43	183018	45.302	ug/l	99
44) Trichloroethene	9.09	130	177981	53.160	ug/l	97
45) 1,2-Dichloropropane	9.37	63	148611	50.601	ug/l	96
46) Dibromomethane	9.46	93	80669	49.381	ug/l	96
47) Bromodichloromethane	9.64	83	204075	51.344	ug/l	98
48) Methyl methacrylate	9.43	41	95001	49.099	ug/l	95
49) 1,4-Dioxane	9.45	88	27500	1051.187	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	466684	227.533	ug/l	100
52) Toluene	10.39	92	432897	53.670	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	207918	51.323	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	240152	51.976	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	108488	48.969	ug/l	94
56) Ethyl methacrylate	10.65	69	139047	48.308	ug/l	97
57) 1,3-Dichloropropane	10.93	76	189912	48.551	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	334522	231.080	ug/l	99
59) 2-Hexanone	10.97	43	349140	239.132	ug/l	99
60) Dibromochloromethane	11.13	129	135255	50.053	ug/l	100
61) 1,2-Dibromoethane	11.23	107	105784	48.238	ug/l	96
64) Tetrachloroethene	10.86	164	159385	52.382	ug/l	96
65) Chlorobenzene	11.66	112	471396	52.740	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	156587	51.812	ug/l	99
67) Ethyl Benzene	11.73	91	873874	54.691	ug/l	99
68) m/p-Xylenes	11.84	106	695688	108.971	ug/l	99
69) o-Xylene	12.16	106	323934	54.059	ug/l	100
70) Styrene	12.18	104	517029	53.631	ug/l	98
71) Bromoform	12.35	173	80134	49.328	ug/l #	99
73) Isopropylbenzene	12.46	105	907249	56.113	ug/l	100
74) N-amyl acetate	12.27	43	201393	49.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	122621	46.415	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	87171m	44.767	ug/l	
77) Bromobenzene	12.75	156	199021	52.090	ug/l	98
78) n-propylbenzene	12.80	91	1110367	56.143	ug/l	100
79) 2-Chlorotoluene	12.89	91	609143	54.248	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	785184	55.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39205	48.947	ug/l	99
82) 4-Chlorotoluene	12.99	91	647007	54.678	ug/l	100
83) tert-Butylbenzene	13.21	119	671493	55.272	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	802474	55.173	ug/l	100
85) sec-Butylbenzene	13.38	105	975000	55.813	ug/l	99
86) p-Isopropyltoluene	13.50	119	889688	55.555	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	422202	53.261	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	416306	53.285	ug/l	100
89) n-Butylbenzene	13.83	91	857148	57.132	ug/l	100
90) Hexachloroethane	14.10	117	147235	56.161	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	368352	52.151	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23303	48.762	ug/l	97

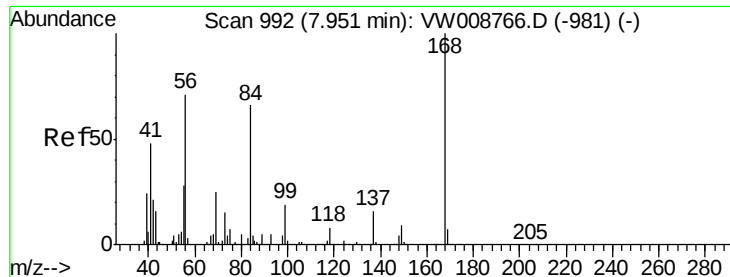
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
Data File : VW008800.D
Acq On : 25 Feb 2019 11:55
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Feb 26 03:53:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	277778	54.582	ug/l	99
94) Hexachlorobutadiene	15.24	225	169059	56.397	ug/l	99
95) Naphthalene	15.37	128	444386	51.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	235717	53.570	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

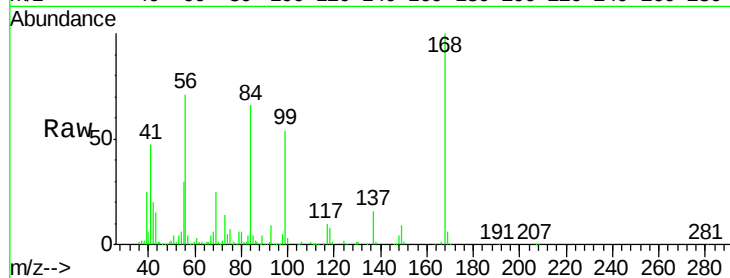
VSTDCCC050

Tot Ion:168 Resp: 319352

Ion Ratio Lower Upper

168 100

99 54.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

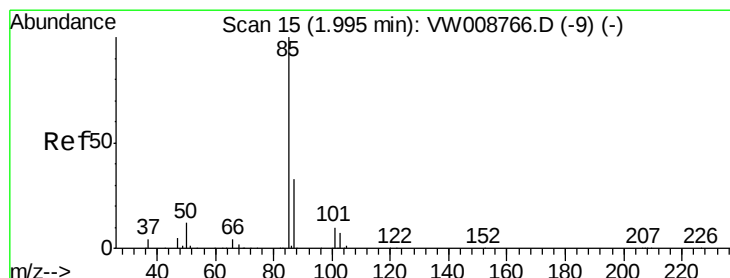
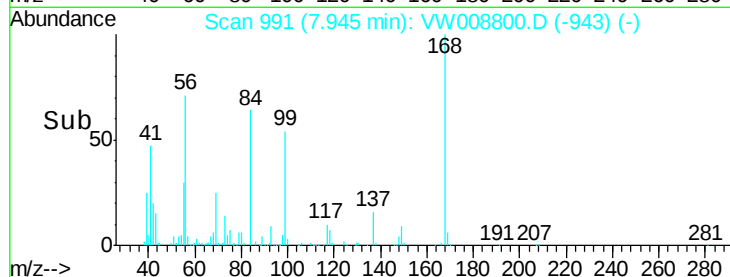
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 52.476 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008800.D

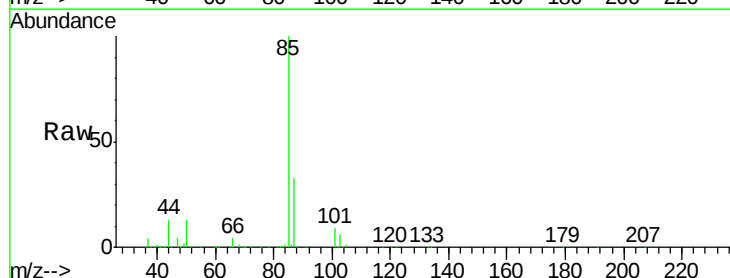
Acq: 25 Feb 2019 11:55

Tgt Ion: 85 Resp: 167848

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

120000

100000

80000

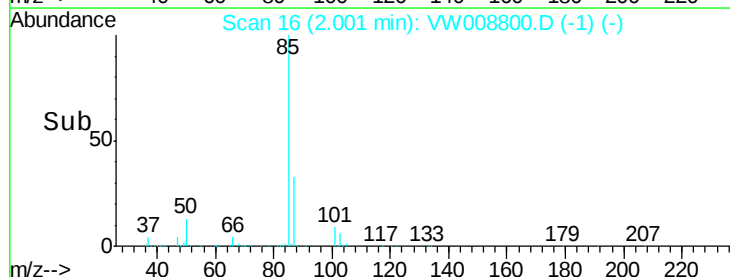
60000

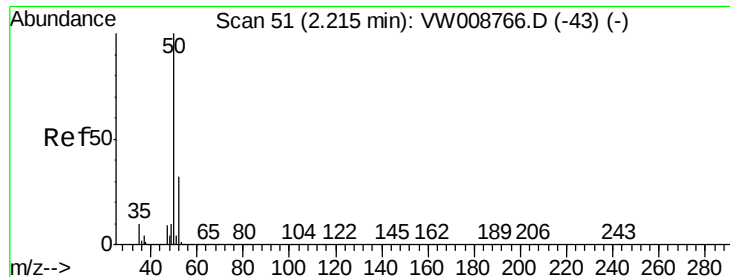
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 53.518 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

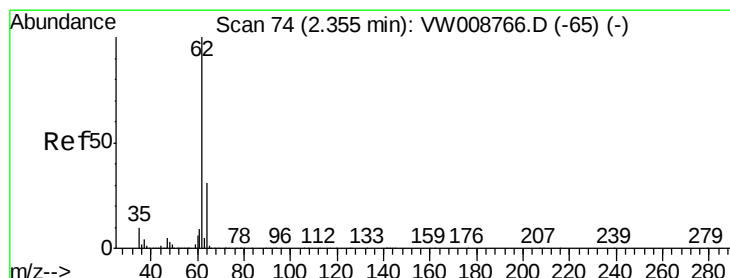
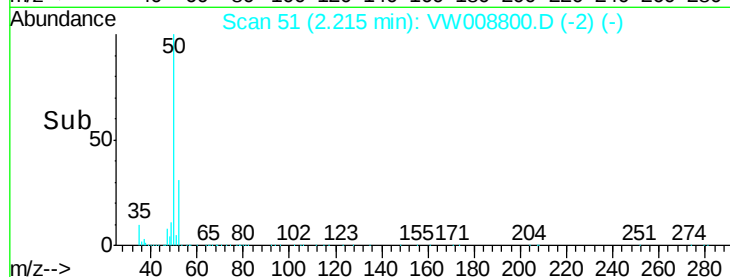
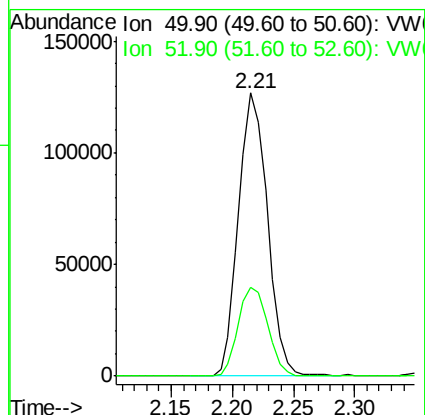
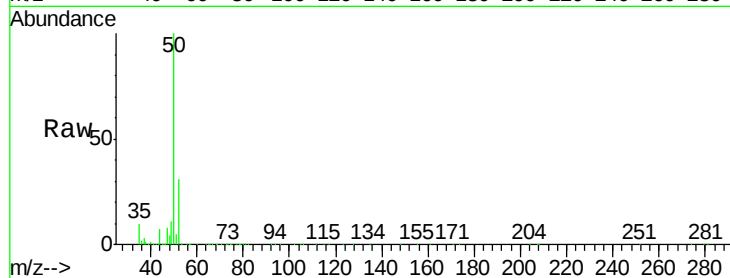
VSTDCCC050

Tot Ion: 50 Resp: 208373

Ion Ratio Lower Upper

50 100

52 31.5 25.9 38.9



#4

Vinyl Chloride

Concen: 53.424 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008800.D

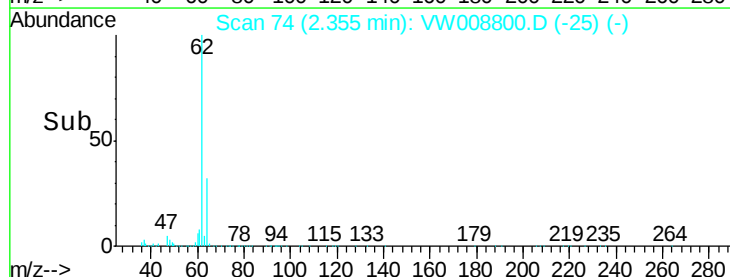
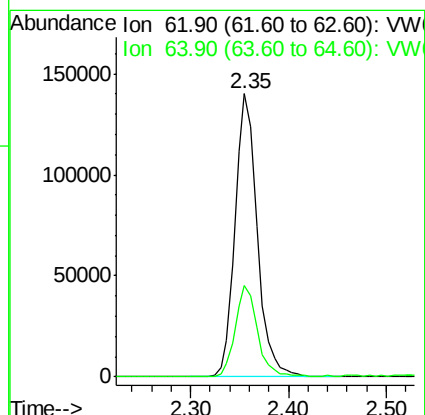
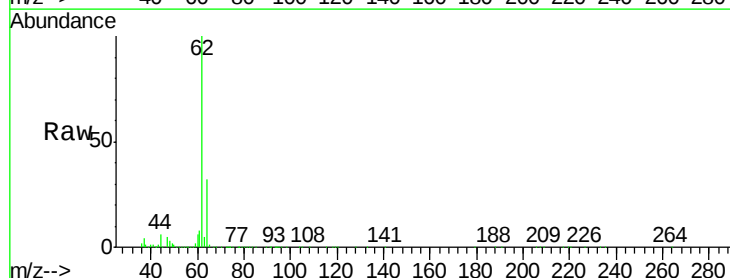
Acq: 25 Feb 2019 11:55

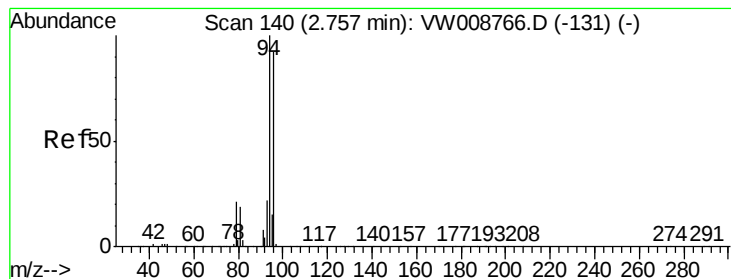
Tgt Ion: 62 Resp: 220233

Ion Ratio Lower Upper

62 100

64 32.0 24.9 37.3





#5

Bromomethane

Concen: 51.354 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

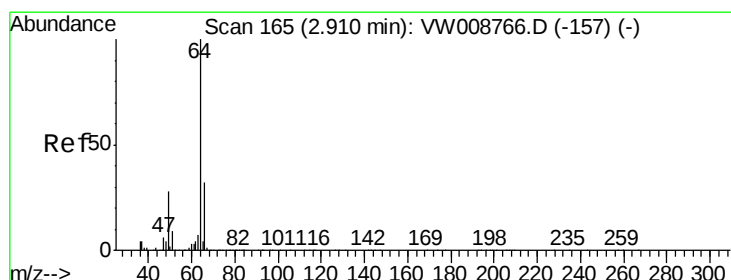
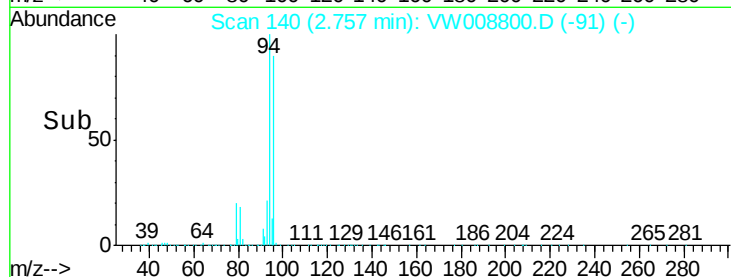
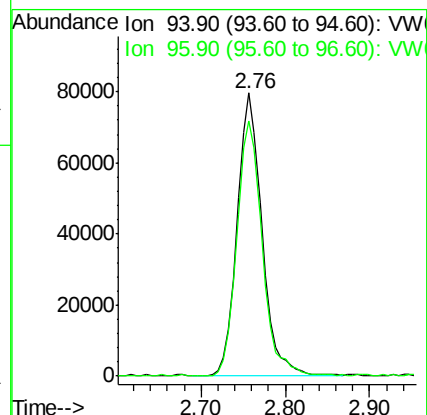
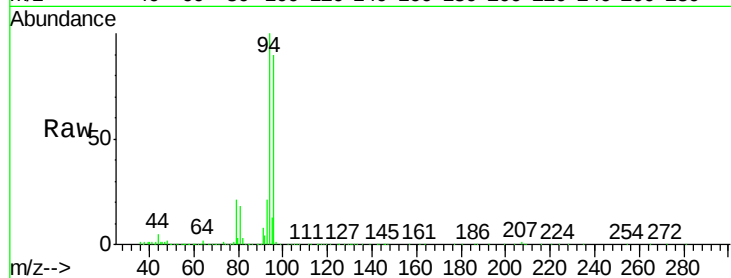
VSTDCCC050

Tot Ion: 94 Resp: 157241

Ion Ratio Lower Upper

94 100

96 90.2 73.4 110.2



#6

Chloroethane

Concen: 53.248 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008800.D

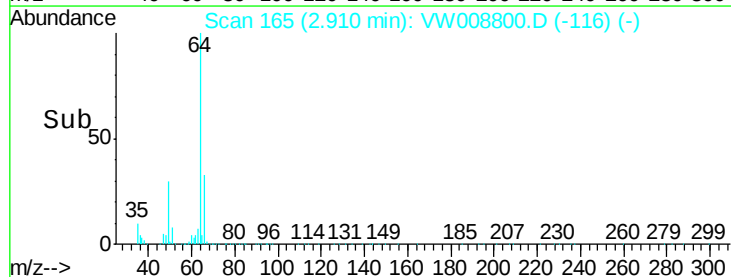
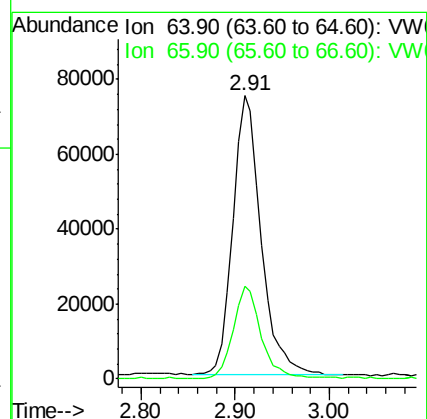
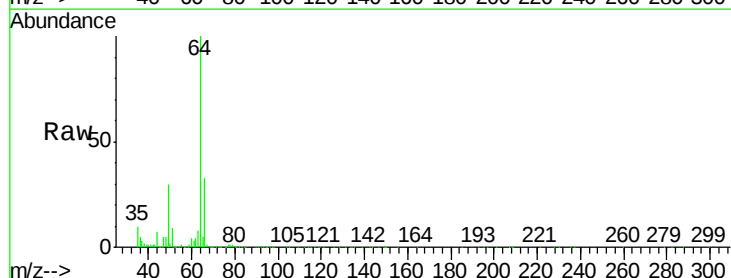
Acq: 25 Feb 2019 11:55

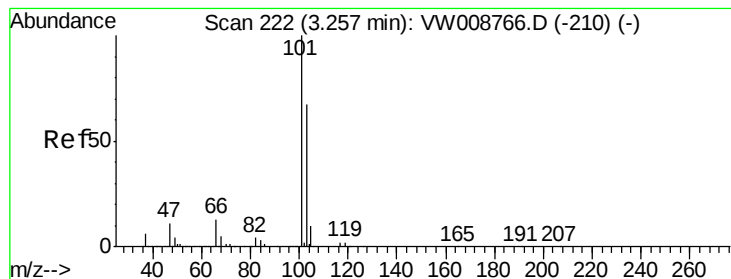
Tgt Ion: 64 Resp: 155872

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3



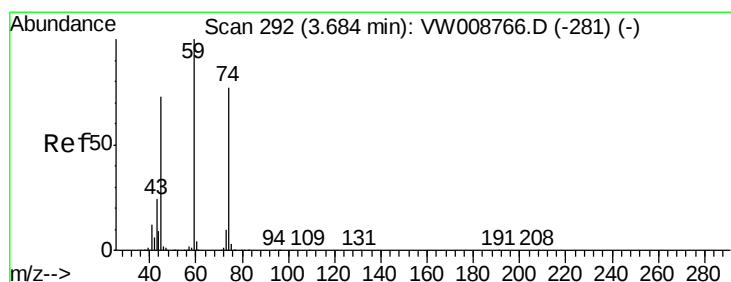
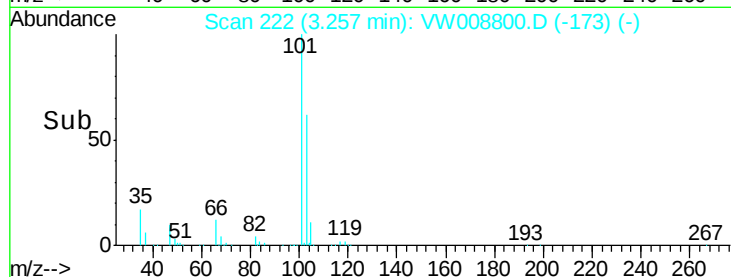
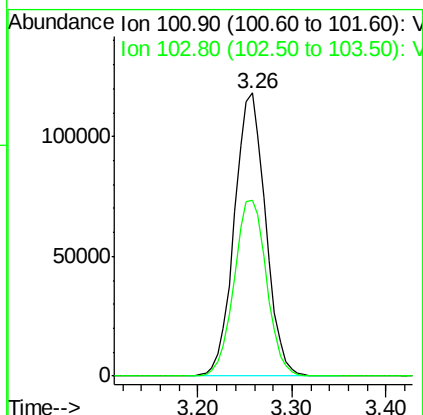
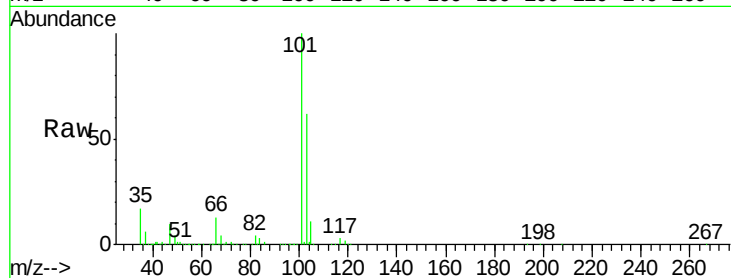


#7

Trichlorofluoromethane
 Concen: 52.360 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

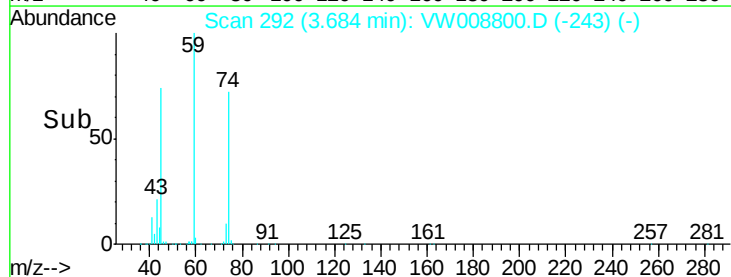
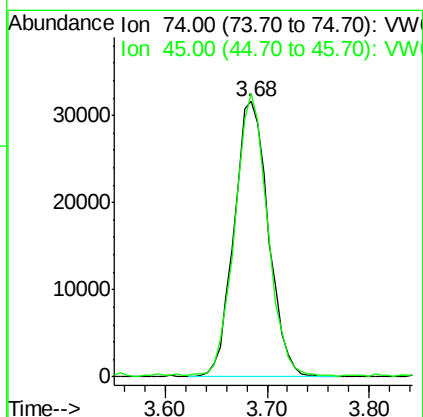
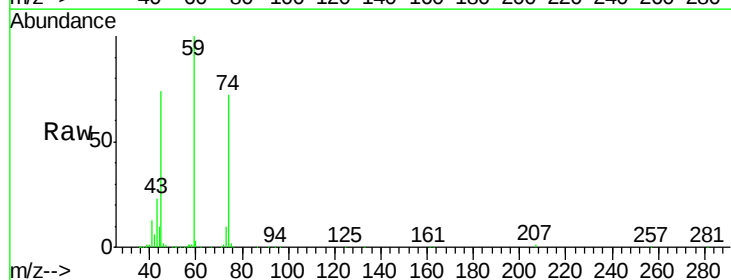
Tot Ion:101 Resp: 272992
 Ion Ratio Lower Upper
 101 100
 103 62.1 53.9 80.9



#8

Diethyl Ether
 Concen: 44.785 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Tgt Ion: 74 Resp: 73923
 Ion Ratio Lower Upper
 74 100
 45 97.6 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.840 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

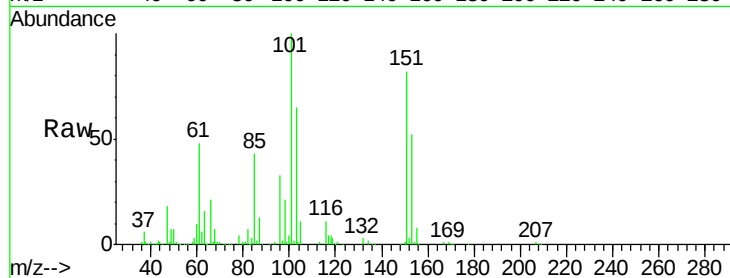
Tot Ion:101 Resp: 164132

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

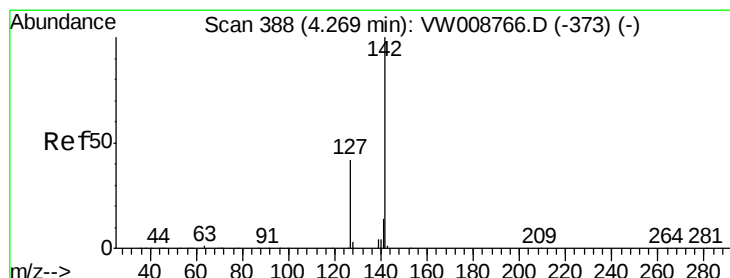
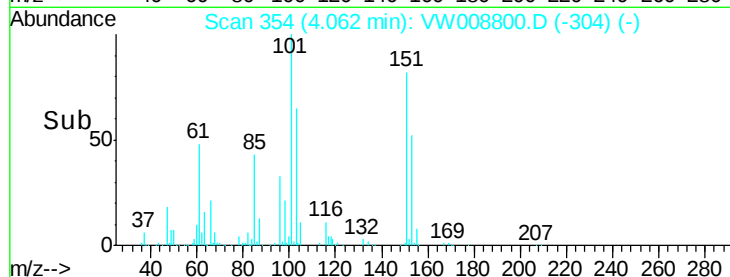
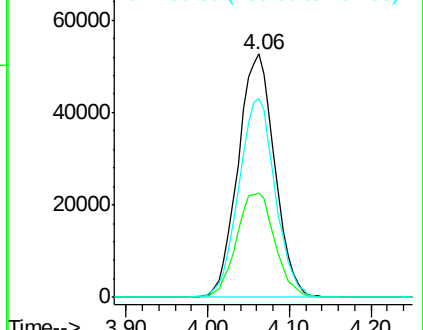
151 81.4 65.5 98.3



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: 53.485 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

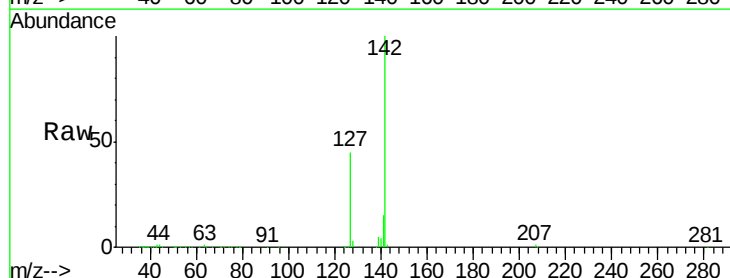
Tgt Ion:142 Resp: 211756

Ion Ratio Lower Upper

142 100

127 44.7 35.3 52.9

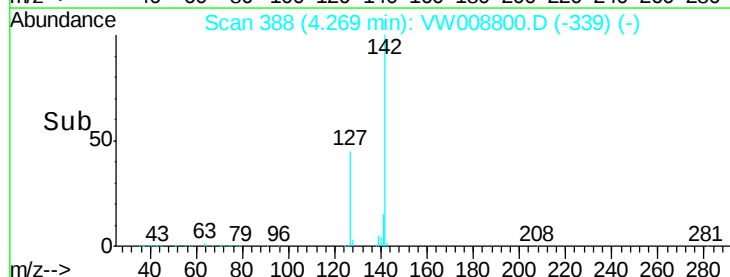
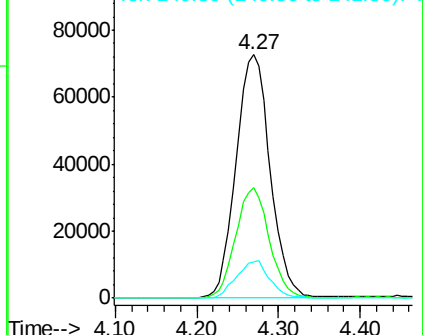
141 15.0 11.7 17.5

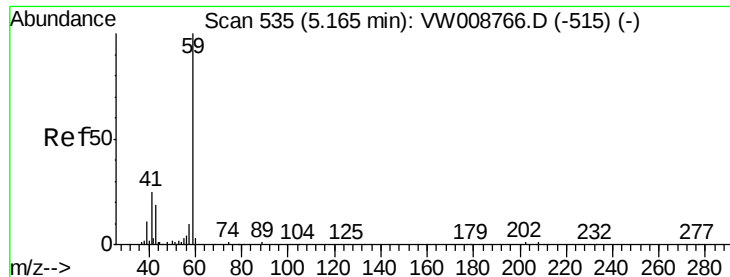


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



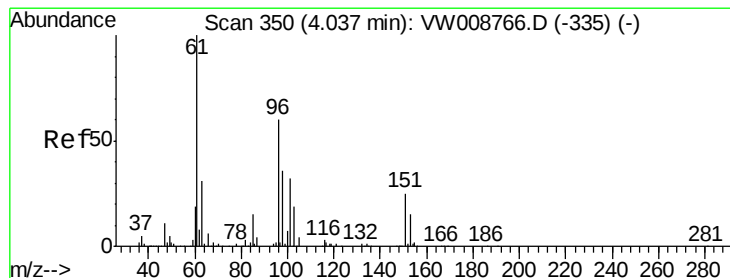
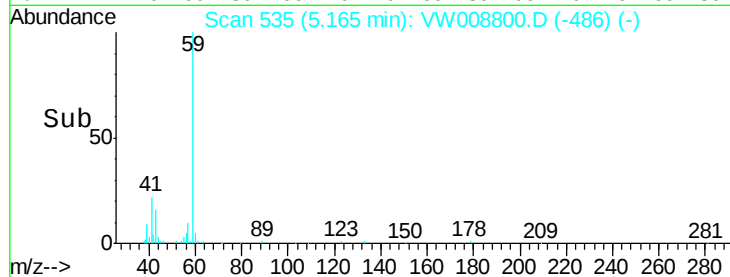
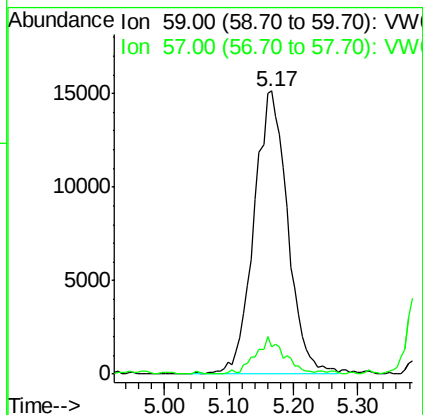
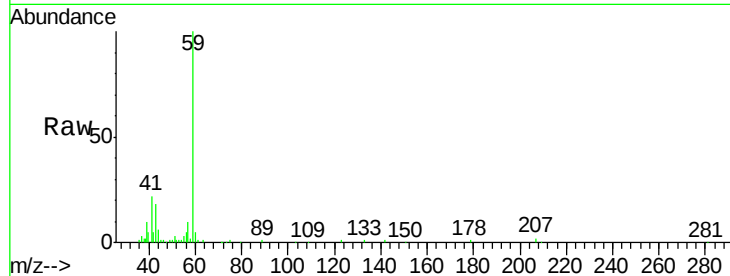


#11

Tert butyl alcohol
 Concen: 205.531 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

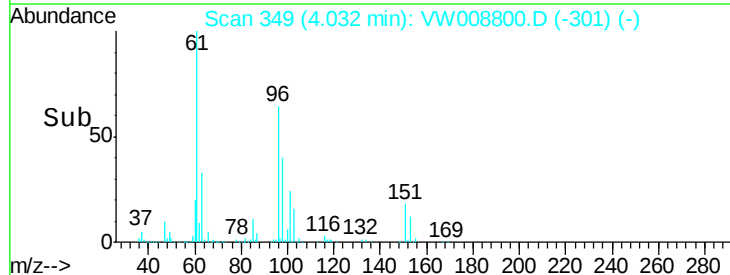
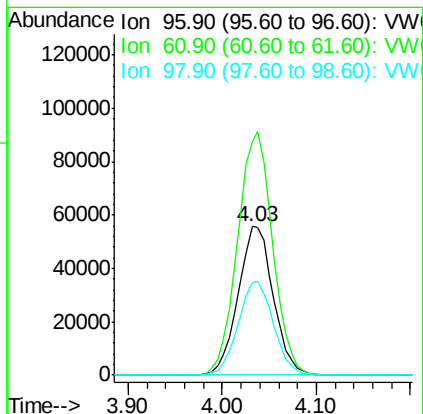
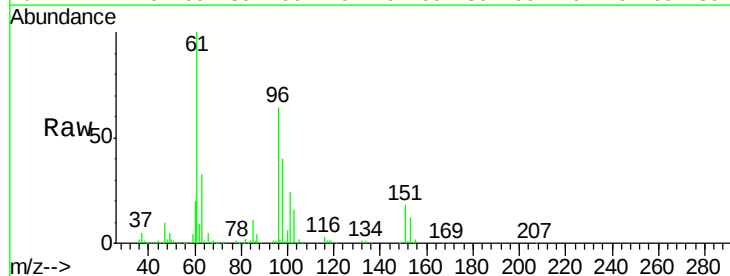
Tot Ion: 59 Resp: 54806
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.3 13.9

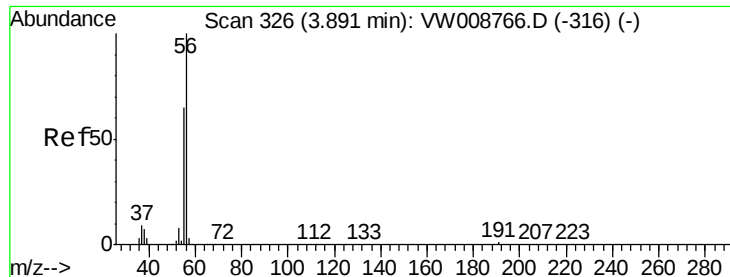


#12

1,1-Dichloroethene
 Concen: 51.930 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Tgt Ion: 96 Resp: 145203
 Ion Ratio Lower Upper
 96 100
 61 157.0 132.5 198.7
 98 62.3 48.2 72.4





#13

Acrolein

Concen: 267.756 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

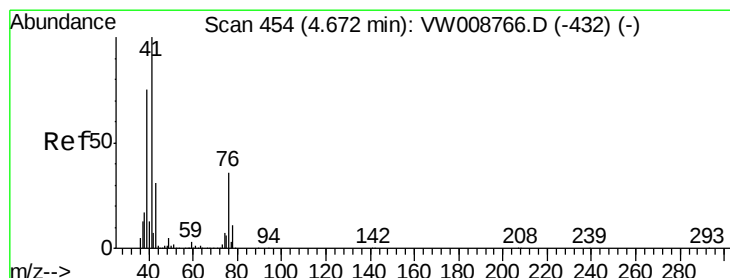
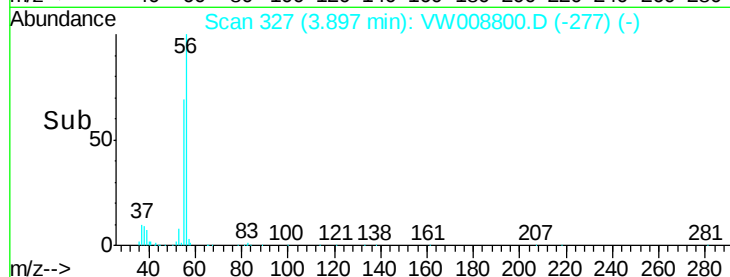
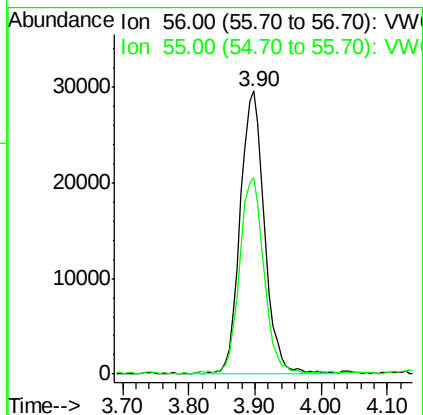
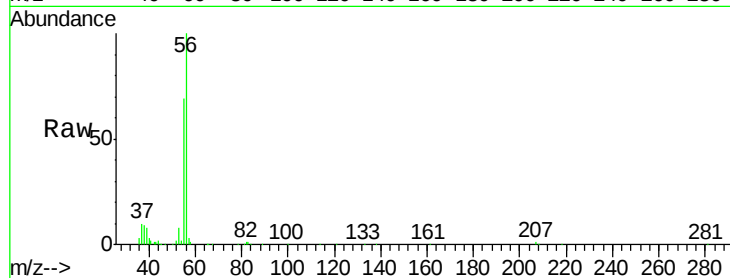
VSTDCCC050

Tot Ion: 56 Resp: 75739

Ion Ratio Lower Upper

56 100

55 67.9 56.9 85.3



#14

Allyl chloride

Concen: 50.911 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

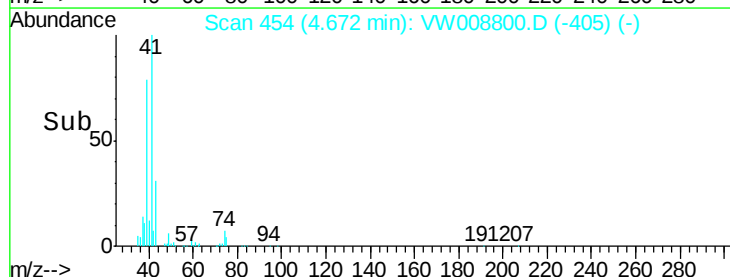
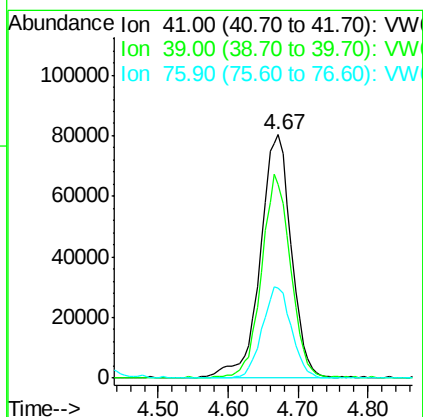
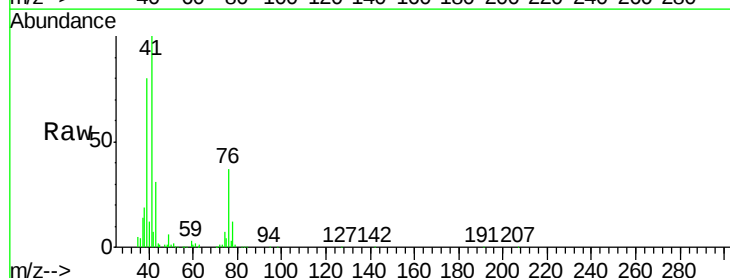
Tgt Ion: 41 Resp: 245688

Ion Ratio Lower Upper

41 100

39 79.0 60.6 91.0

76 35.6 28.6 42.8





#15

Acrylonitrile

Concen: 227.640 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

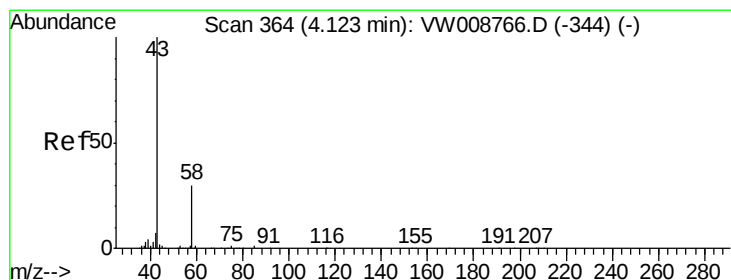
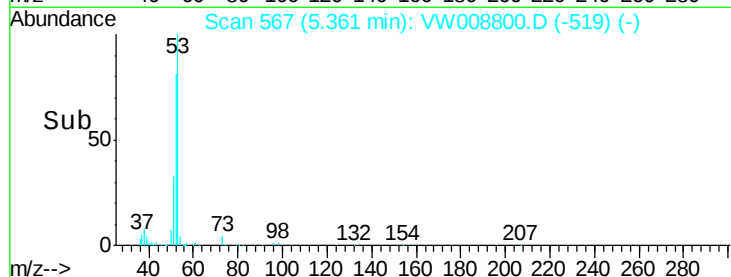
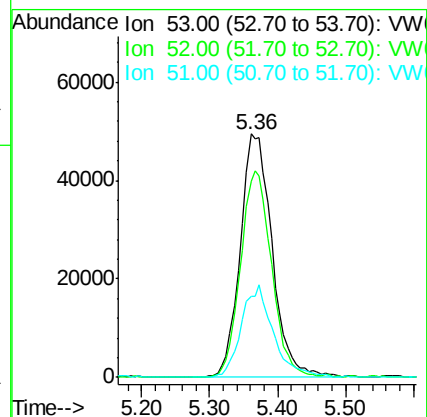
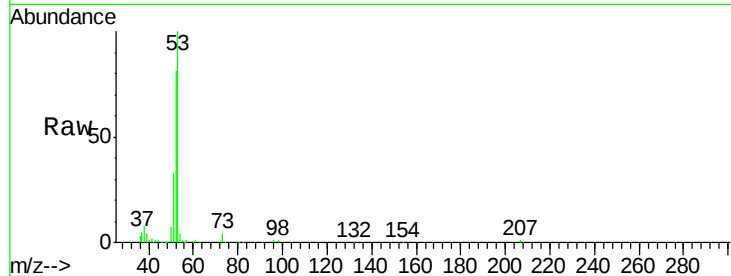
Tot Ion: 53 Resp: 161259

Ion Ratio Lower Upper

53 100

52 82.3 67.2 100.8

51 37.8 31.1 46.7



#16

Acetone

Concen: 241.161 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008800.D

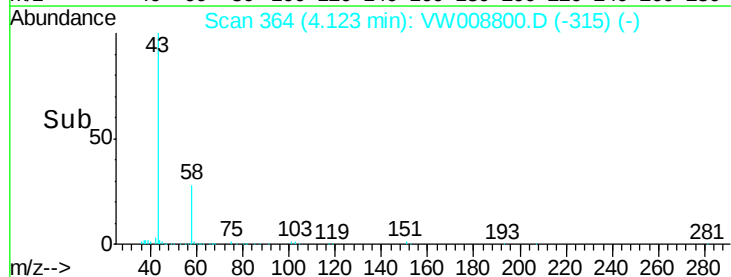
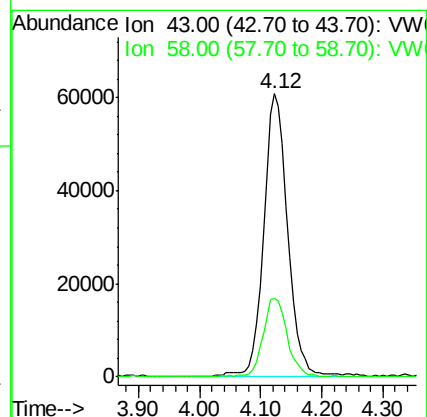
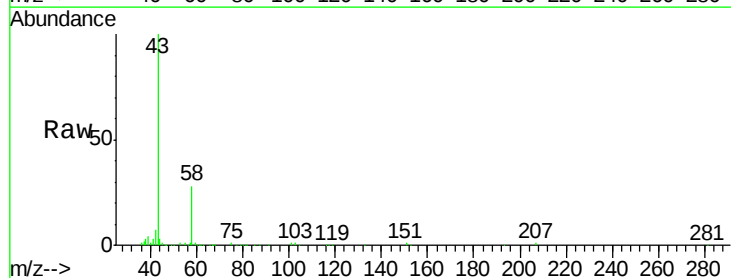
Acq: 25 Feb 2019 11:55

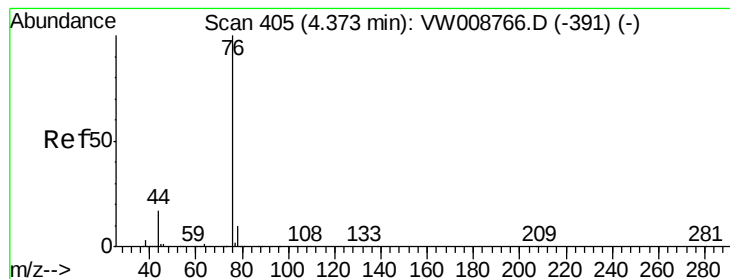
Tgt Ion: 43 Resp: 167431

Ion Ratio Lower Upper

43 100

58 27.5 23.8 35.6





#17

Carbon Disulfide

Concen: 52.651 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

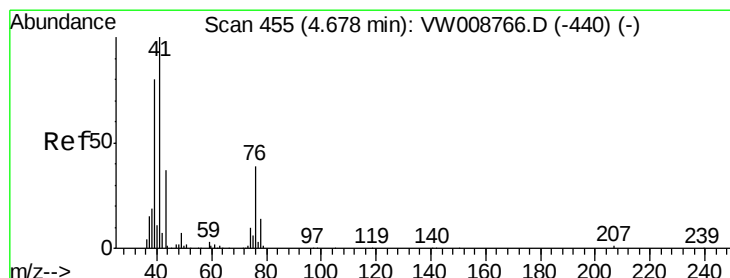
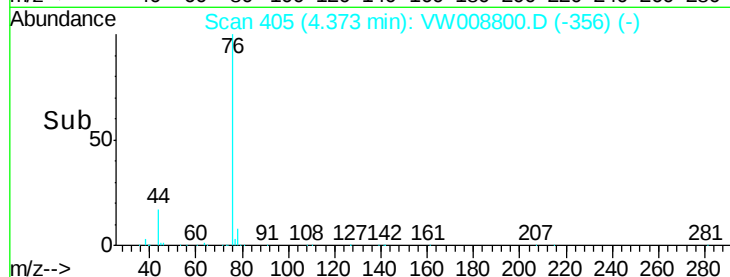
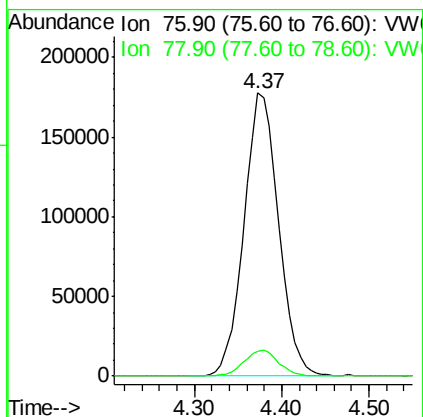
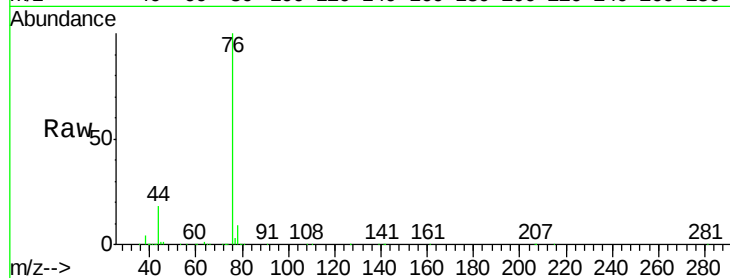
VSTDCCC050

Tot Ion: 76 Resp: 488458

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.8



#18

Methyl Acetate

Concen: 42.294 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW008800.D

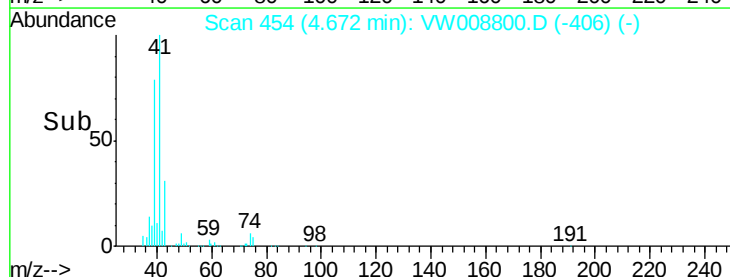
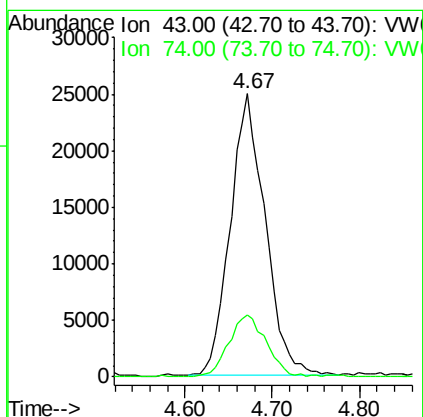
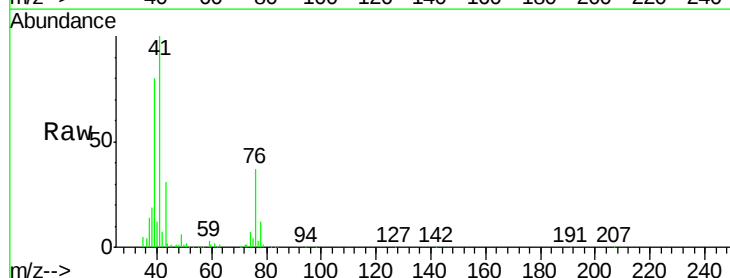
Acq: 25 Feb 2019 11:55

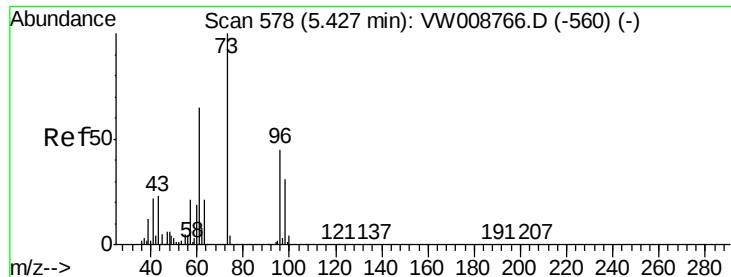
Tgt Ion: 43 Resp: 69647

Ion Ratio Lower Upper

43 100

74 23.5 19.4 29.2



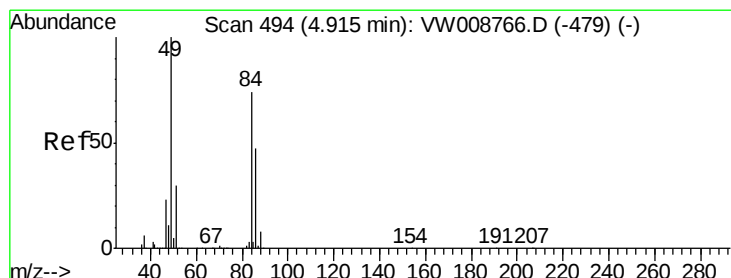
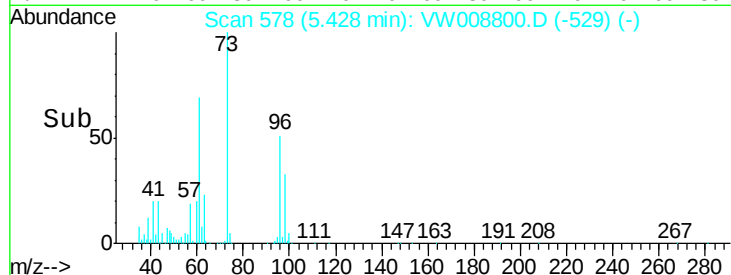
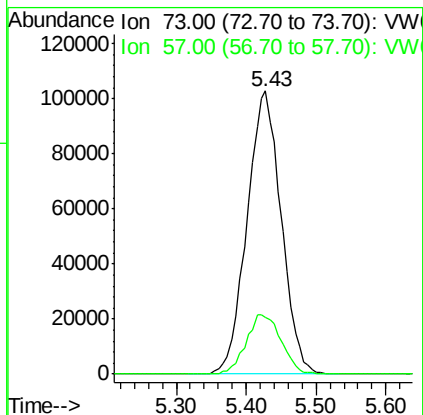
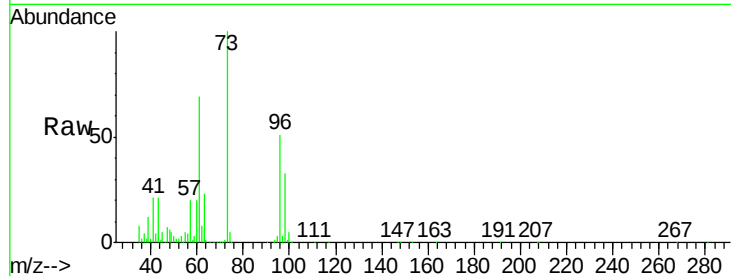


#19

Methyl tert-butyl Ether
 Concen: 46.105 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

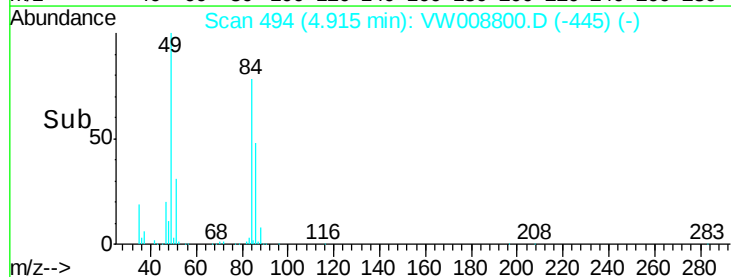
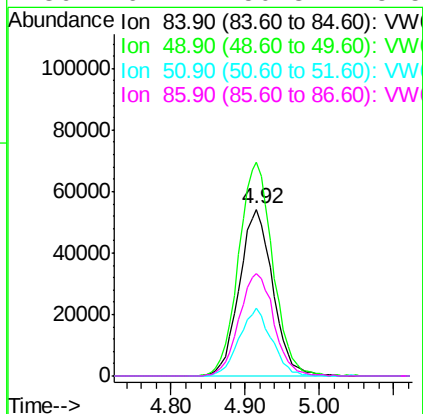
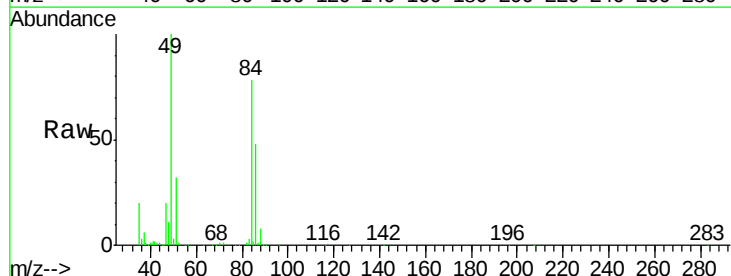
Tot Ion: 73 Resp: 348932
 Ion Ratio Lower Upper
 73 100
 57 20.0 16.8 25.2

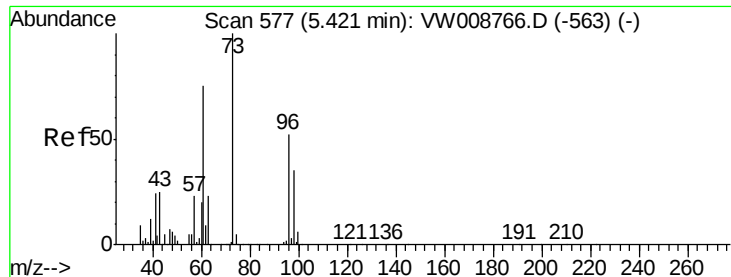


#20

Methylene Chloride
 Concen: 49.866 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Tgt Ion: 84 Resp: 170593
 Ion Ratio Lower Upper
 84 100
 49 128.1 108.2 162.2
 51 40.2 32.7 49.1
 86 61.1 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 50.284 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

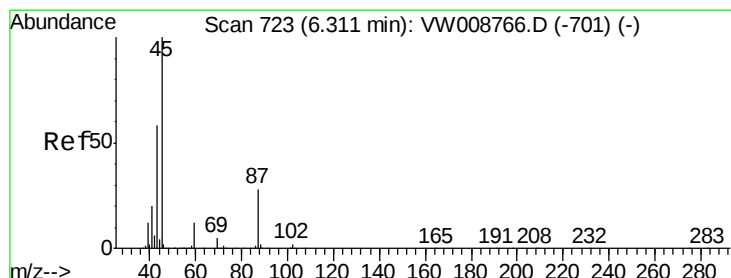
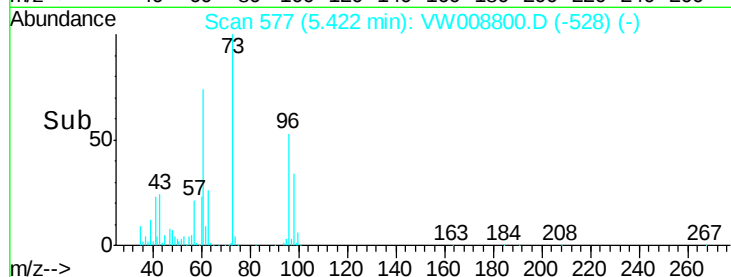
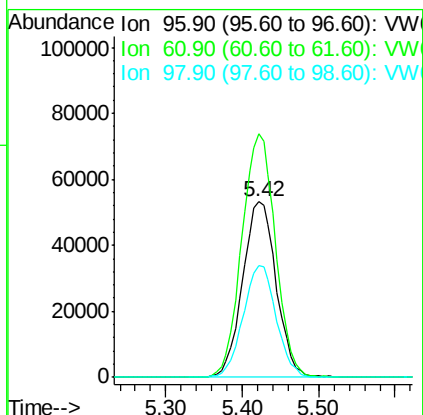
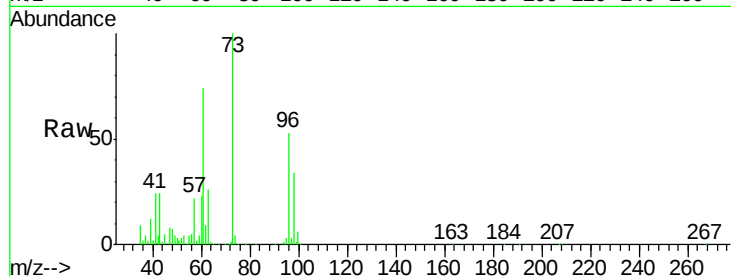
Tot Ion: 96 Resp: 162640

Ion Ratio Lower Upper

96 100

61 138.8 114.6 171.8

98 64.0 54.0 81.0



#22

Diisopropyl ether

Concen: 49.036 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Tgt Ion: 45 Resp: 472063

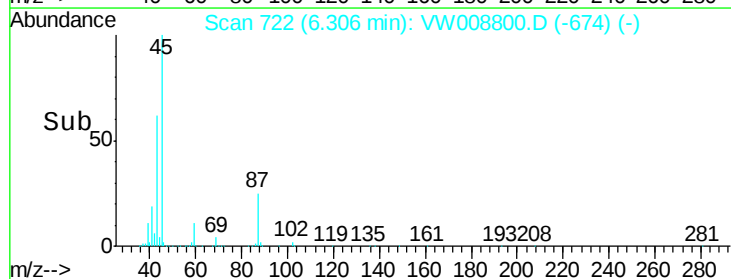
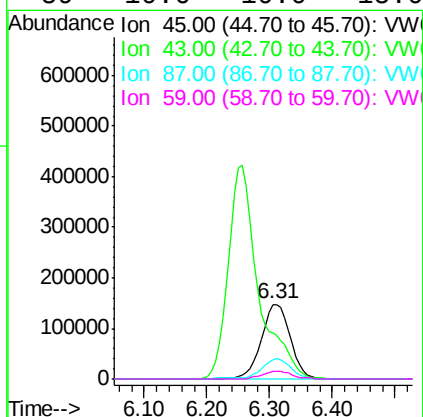
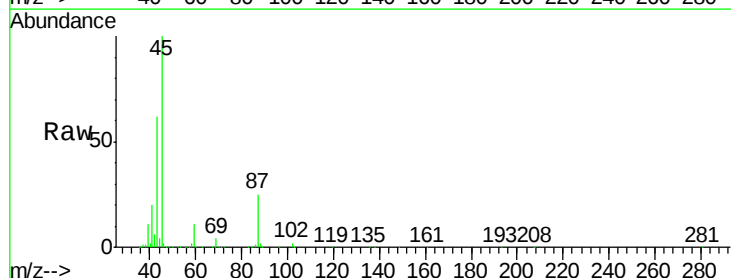
Ion Ratio Lower Upper

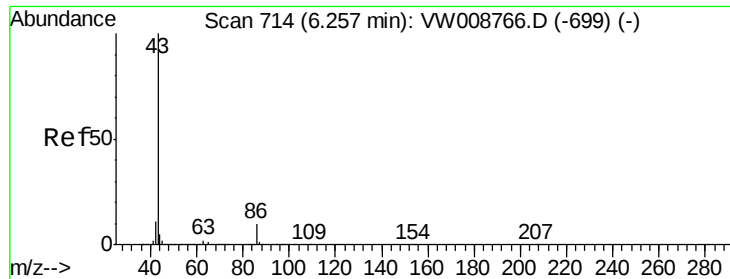
45 100

43 61.7 46.1 69.1

87 25.3 22.2 33.4

59 10.6 10.0 15.0





#23

Vinyl Acetate

Concen: 236.506 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

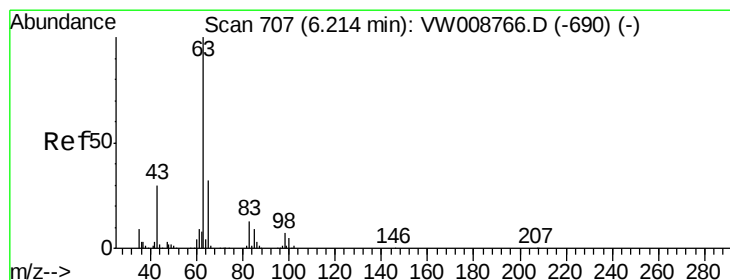
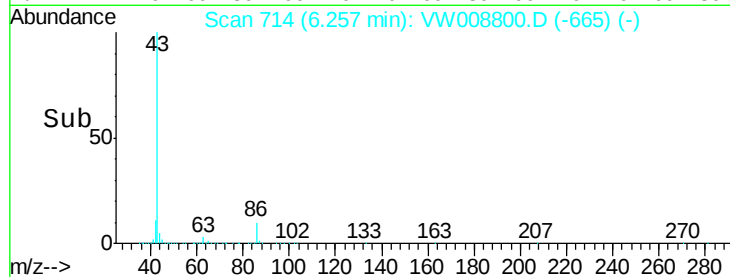
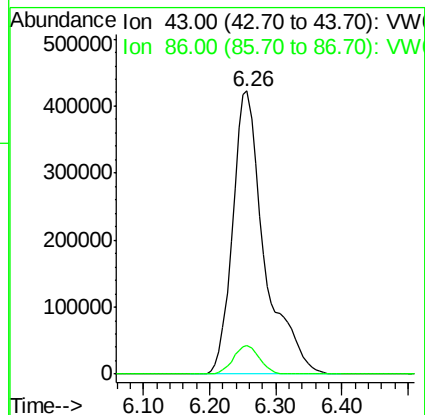
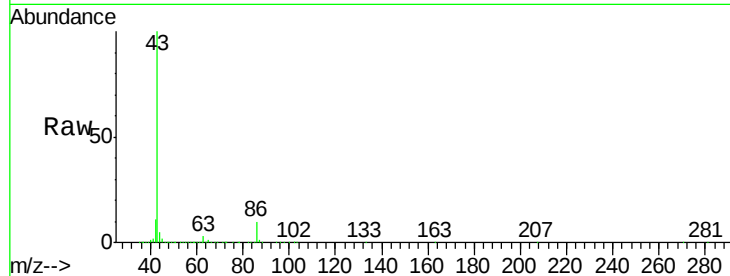
VSTDCCC050

Tot Ion: 43 Resp: 1406727

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 49.642 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

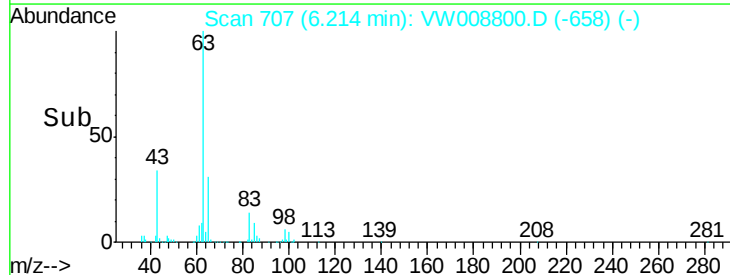
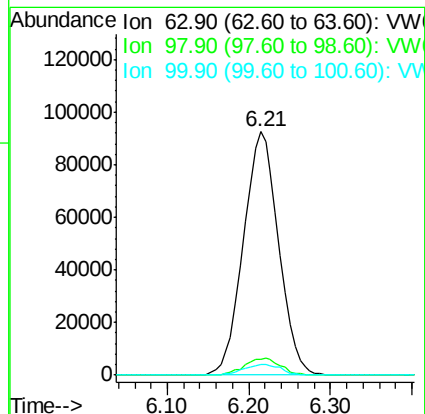
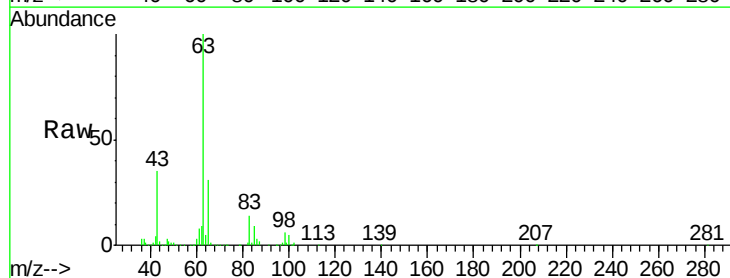
Tgt Ion: 63 Resp: 276926

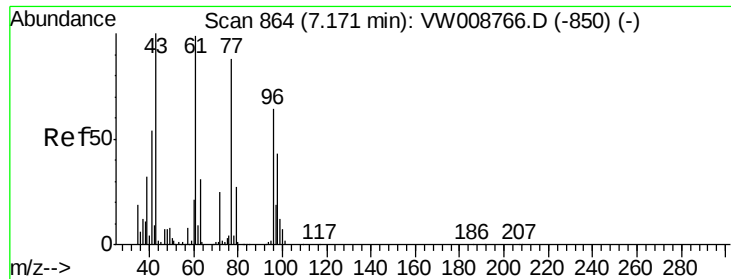
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 222.100 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

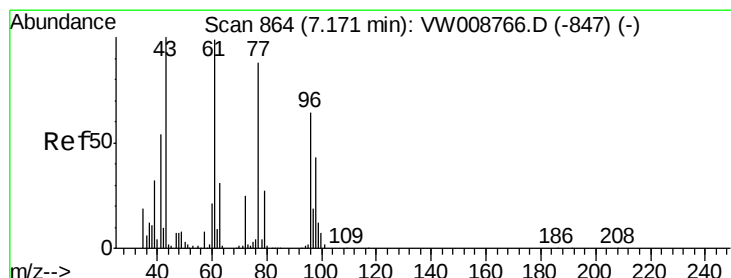
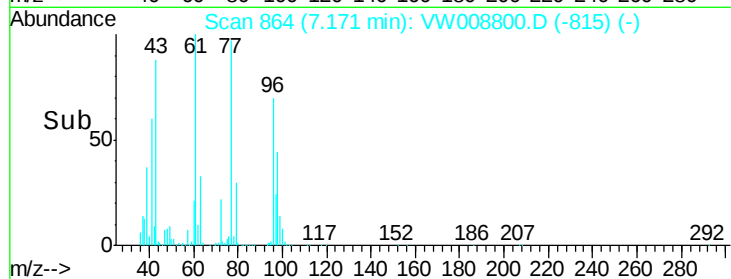
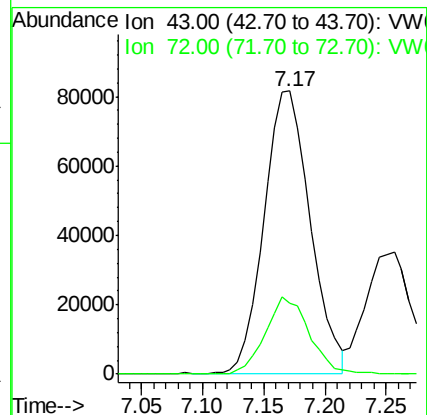
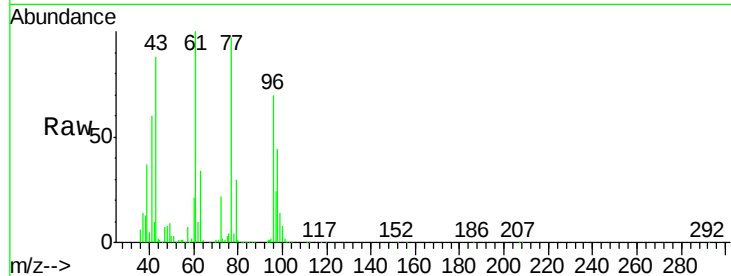
VSTDCCC050

Tot Ion: 43 Resp: 215578

Ion Ratio Lower Upper

43 100

72 25.0 19.7 29.5



#26

2,2-Dichloropropane

Concen: 53.907 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008800.D

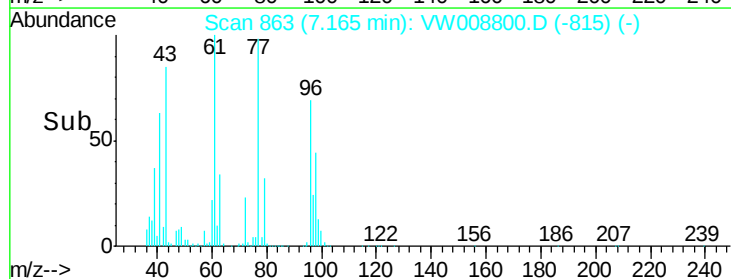
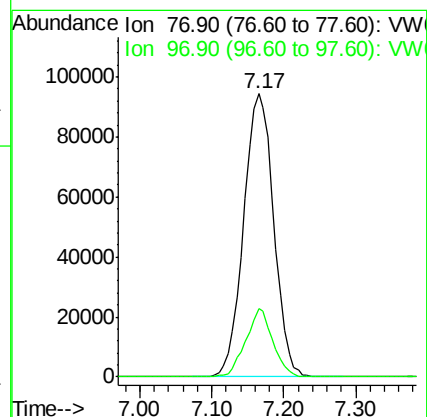
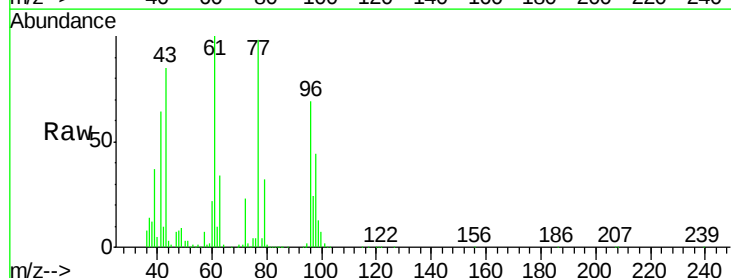
Acq: 25 Feb 2019 11:55

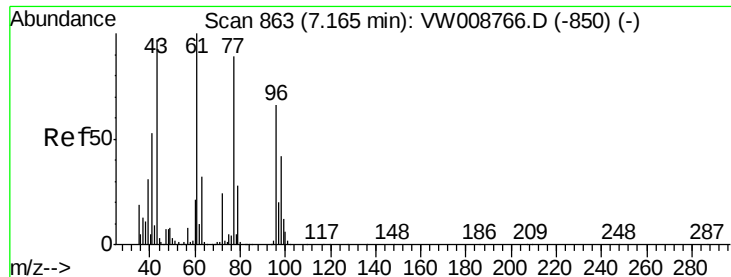
Tgt Ion: 77 Resp: 273016

Ion Ratio Lower Upper

77 100

97 21.7 11.0 33.0



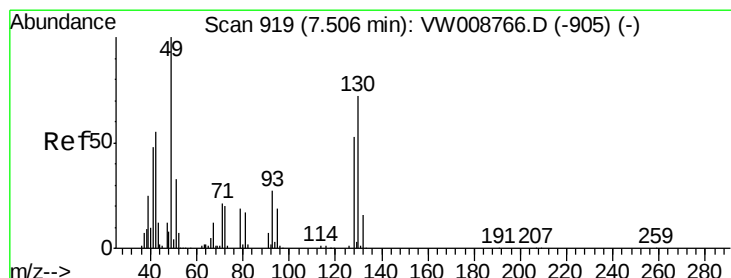
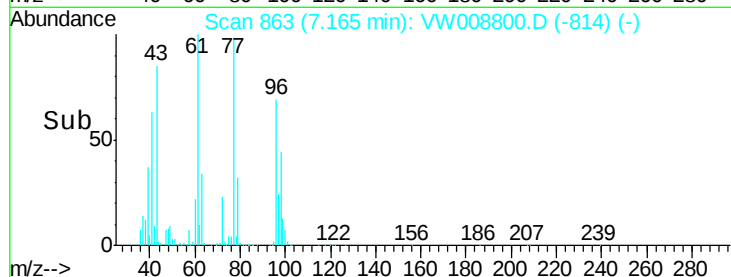
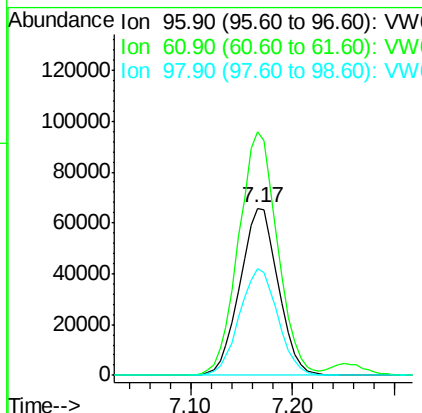
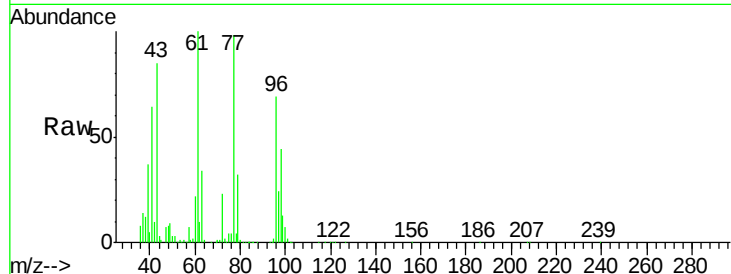


#27

cis-1,2-Dichloroethene
Concen: 49.286 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

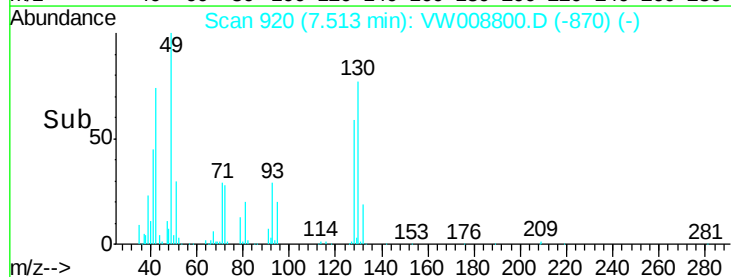
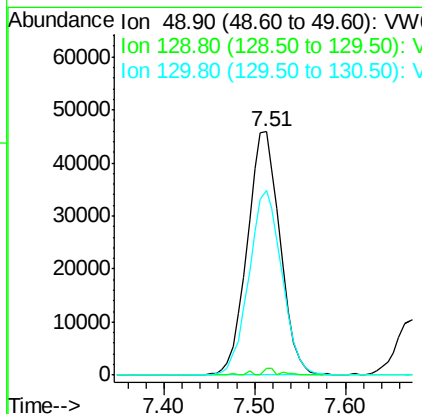
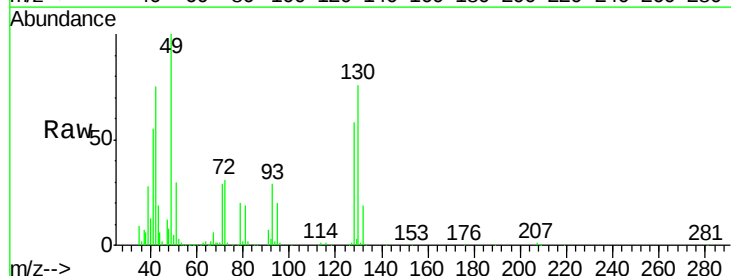
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	302.6
98	64.4	0.0	130.0

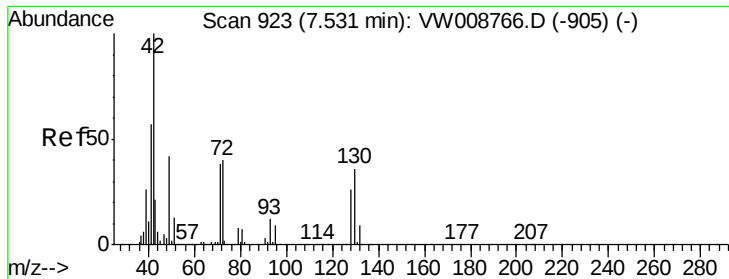


#28

Bromochloromethane
Concen: 49.109 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.6
130	76.2	61.3	91.9





#29

Tetrahydrofuran

Concen: 215.842 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

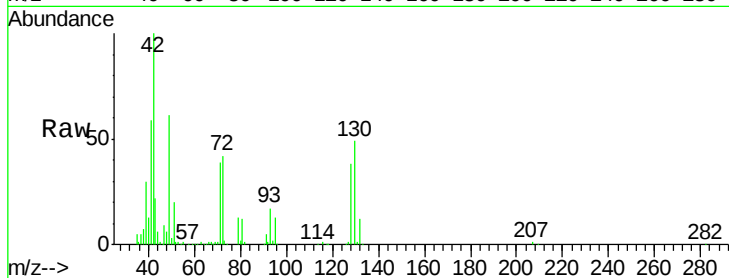
Tot Ion: 42 Resp: 133511

Ion Ratio Lower Upper

42 100

72 40.8 32.7 49.1

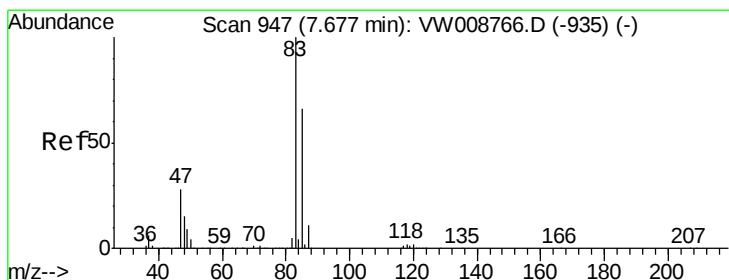
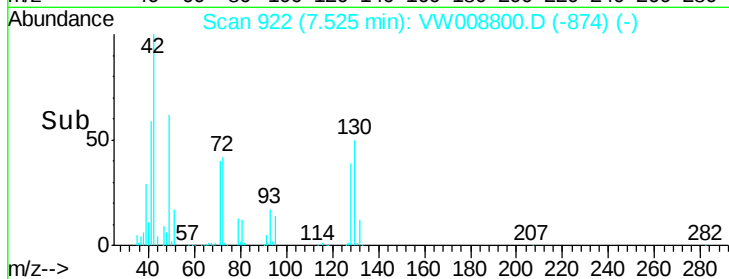
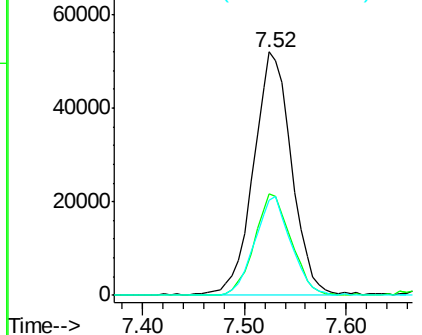
71 39.0 31.3 46.9



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 49.712 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW008800.D

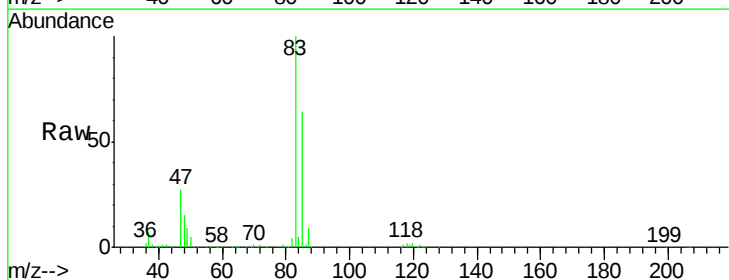
Acq: 25 Feb 2019 11:55

Tgt Ion: 83 Resp: 284495

Ion Ratio Lower Upper

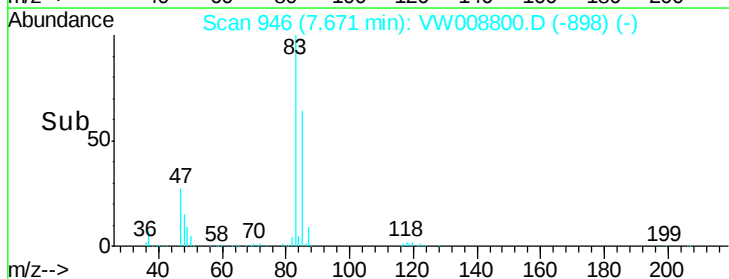
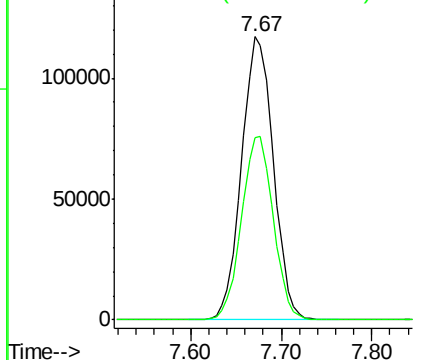
83 100

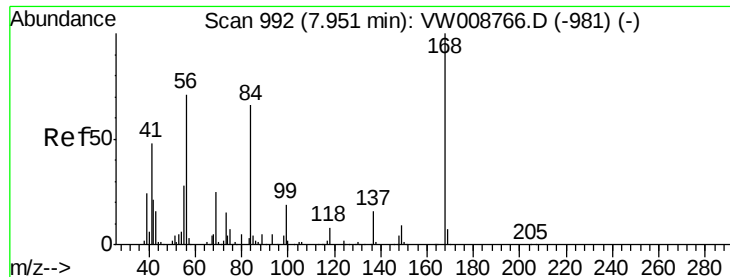
85 64.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

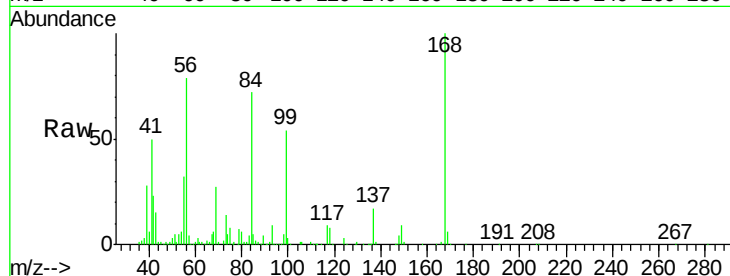




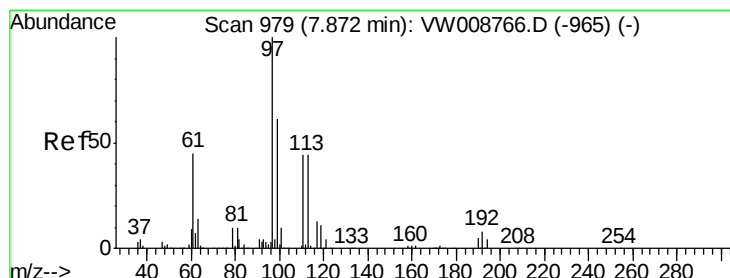
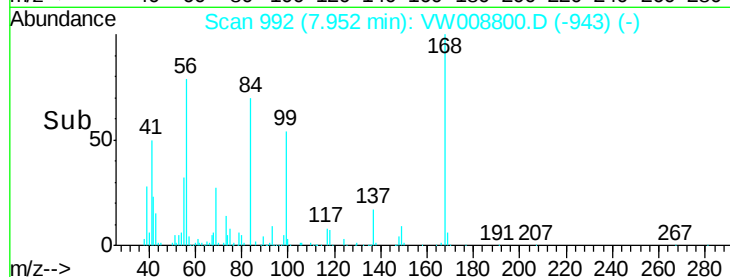
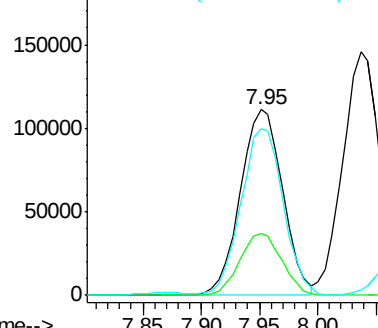
#31
Cvclohexane
Concen: 49.433 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 279137
Ion Ratio Lower Upper
56 100
69 33.6 28.2 42.4
84 88.6 74.1 111.1

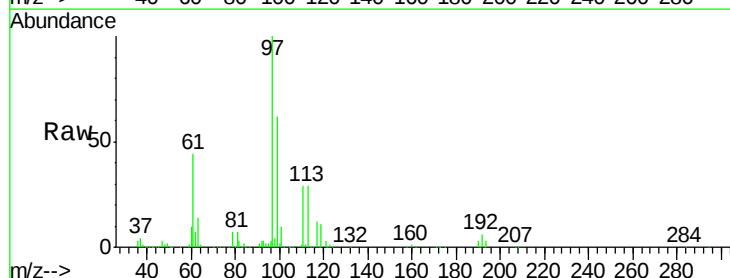


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

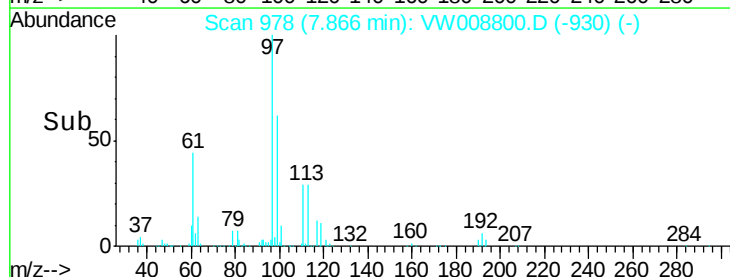
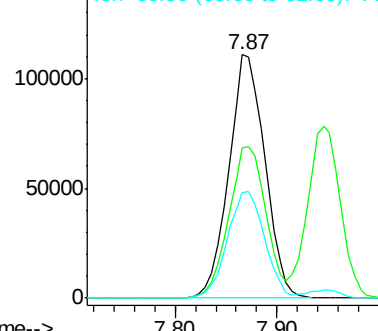


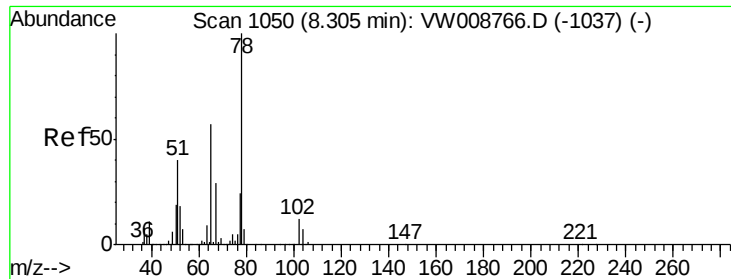
#32
1,1,1-Trichloroethane
Concen: 52.376 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion: 97 Resp: 272583
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 45.1 36.0 54.0



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: 46.276 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

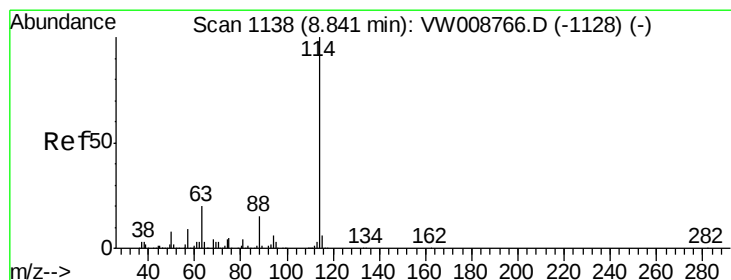
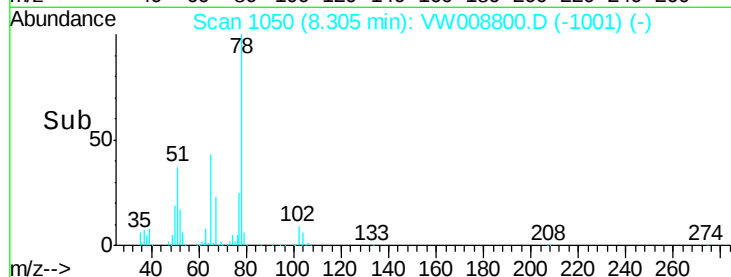
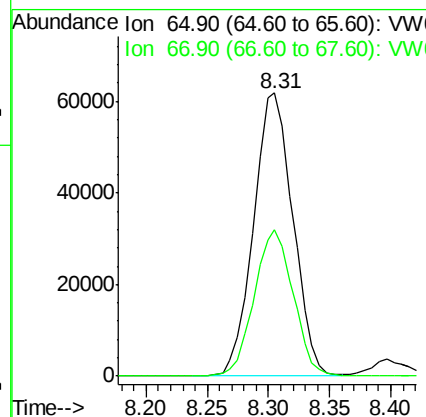
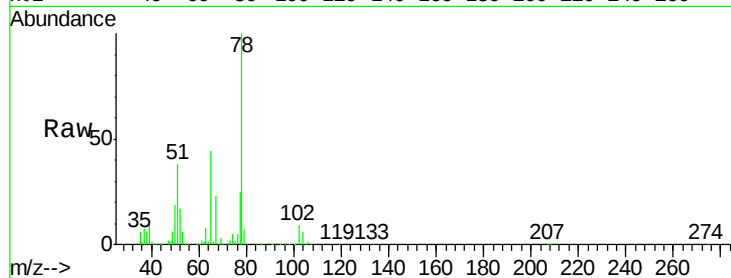
VSTDCCC050

Tot Ion: 65 Resp: 138609

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

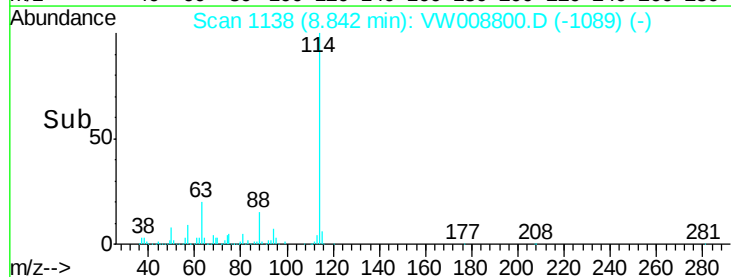
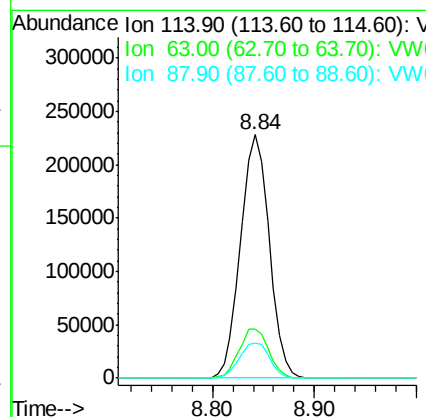
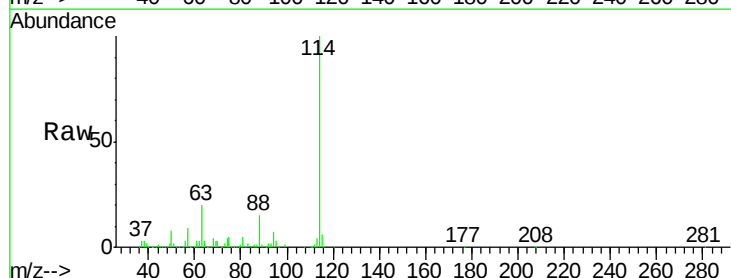
Tgt Ion: 114 Resp: 447170

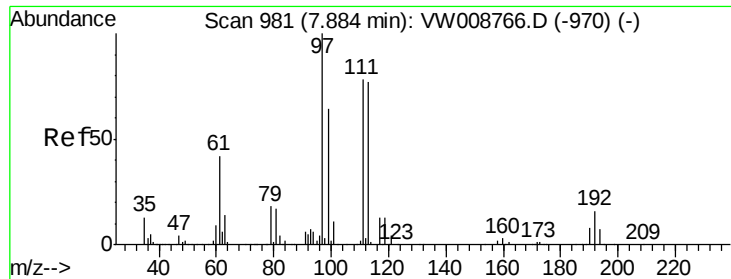
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 14.5 0.0 30.4

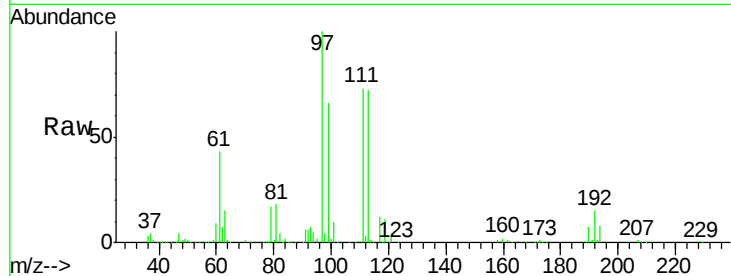




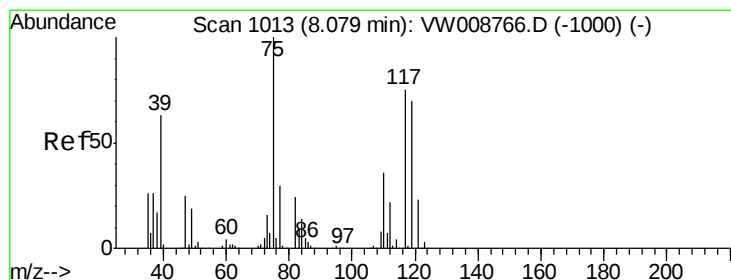
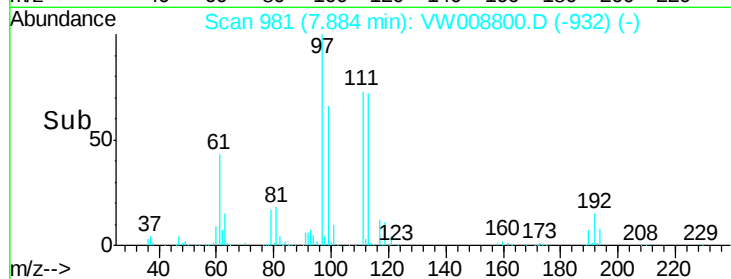
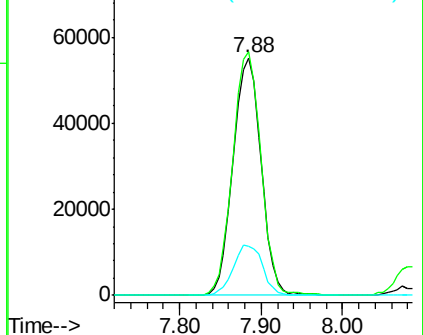
#35
 Dibromofluoromethane
 Concen: 48.714 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	22.2	17.1	25.7

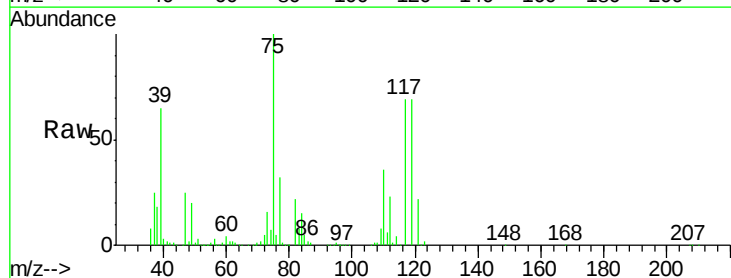


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

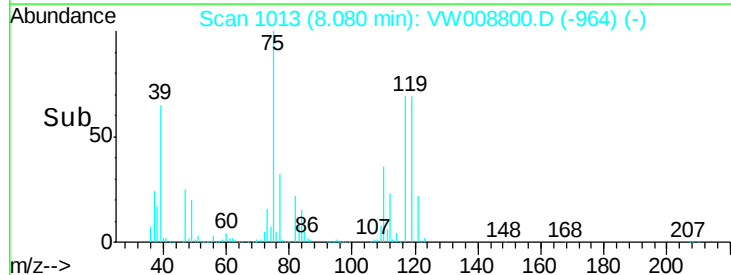
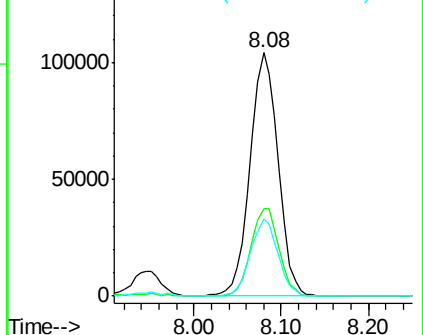


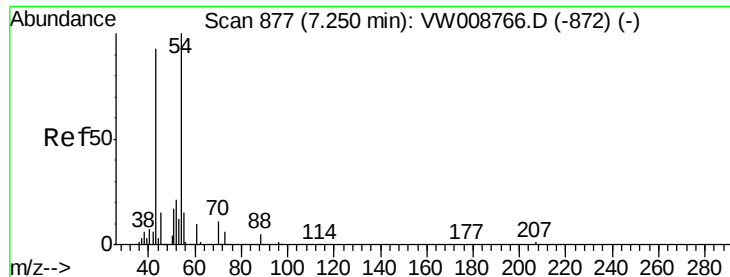
#36
 1,1-Dichloropropene
 Concen: 53.149 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.5	52.6
77	31.4	24.5	36.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

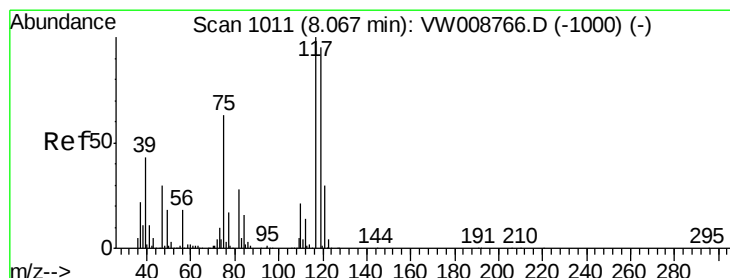
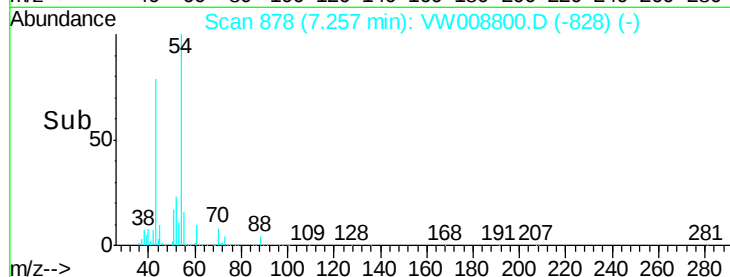
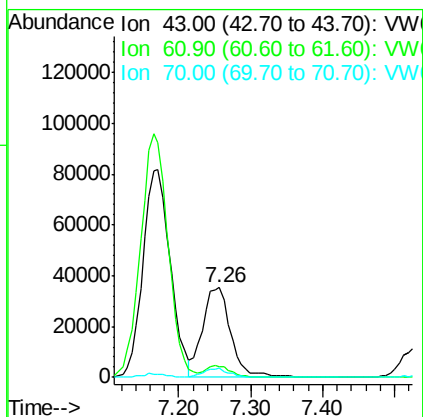
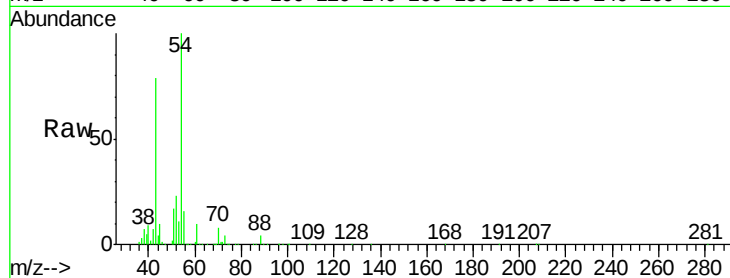




#37
Ethyl Acetate
Concen: 47.575 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

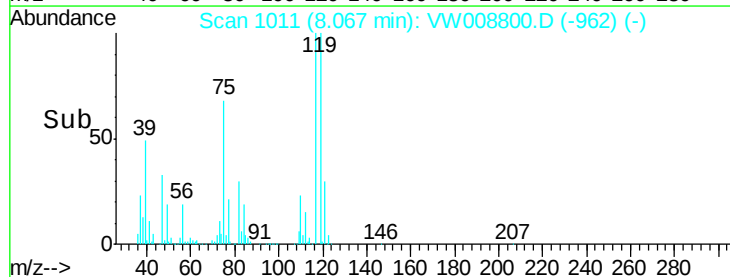
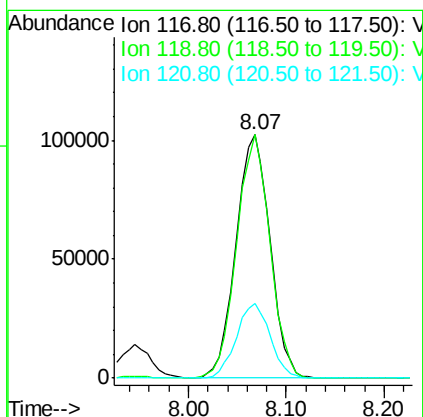
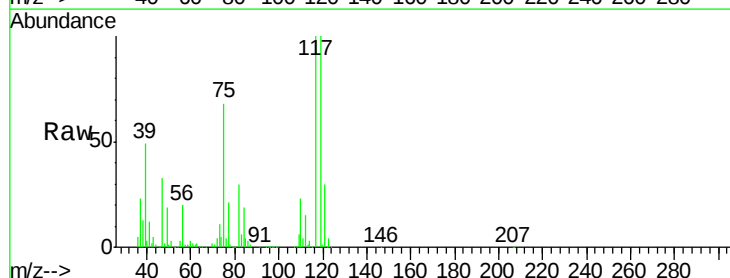
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

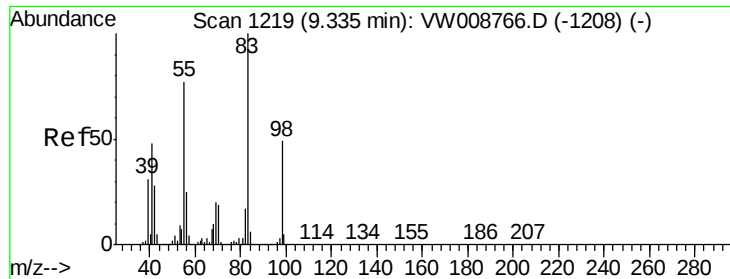
Tot Ion: 43 Resp: 96302
Ion Ratio Lower Upper
43 100
61 11.6 9.8 14.8
70 9.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 53.815 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion: 117 Resp: 247044
Ion Ratio Lower Upper
117 100
119 100.2 76.1 114.1
121 30.5 24.0 36.0

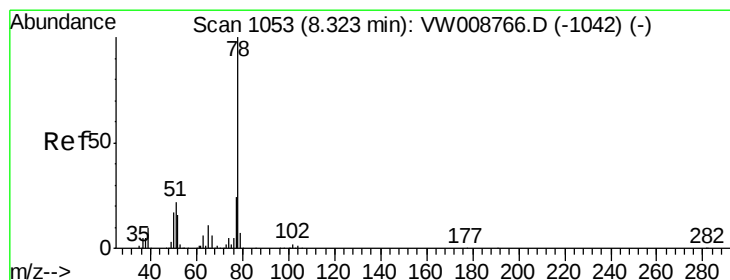
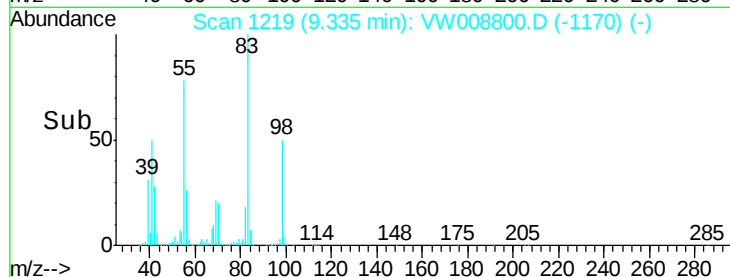
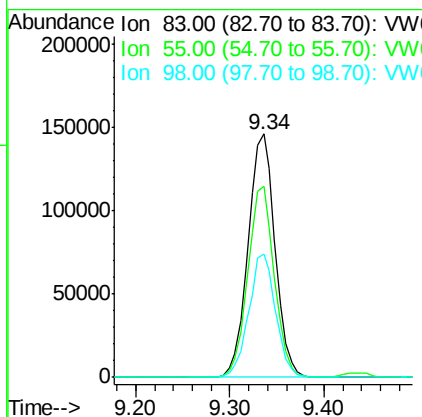
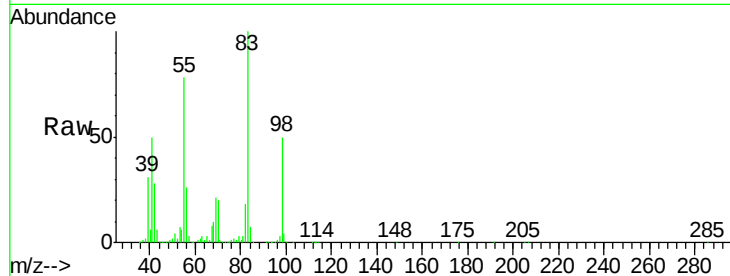




#39
Methvlcvclohexane
Concen: 54.177 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

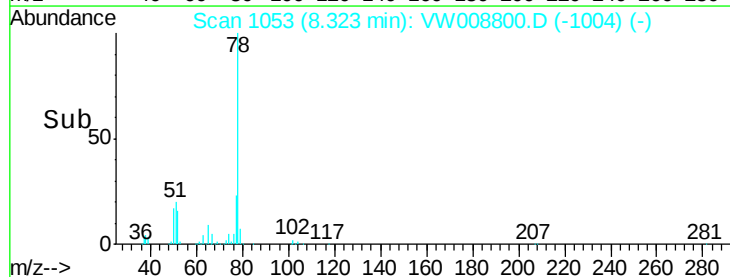
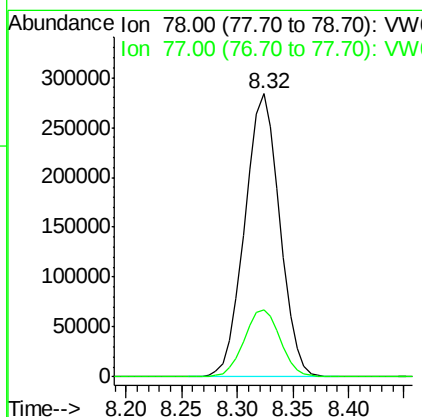
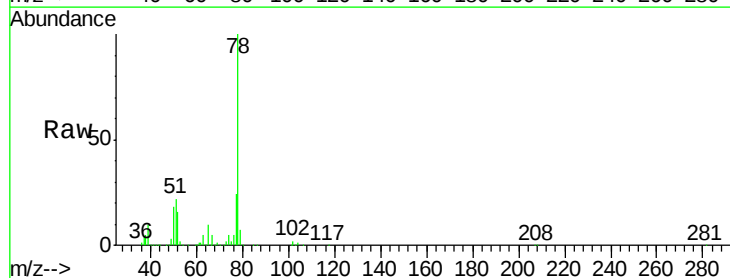
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	294151
Ion Ratio	Lower	Upper	
83	100		
55	78.4	61.2	91.8
98	50.4	39.4	59.2



#40
Benzene
Concen: 52.331 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion	78	Resp	621942
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.3	28.9





#41

Methacrylonitrile

Concen: 45.308 ug/l m

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 53909

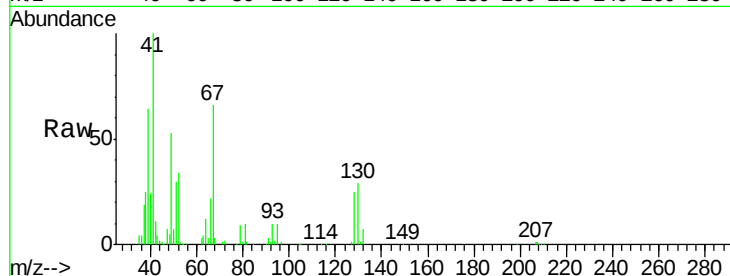
Ion Ratio Lower Upper

41 100

39 57.1 52.5 78.7

67 69.5 55.0 82.6

52 30.9 26.9 40.3

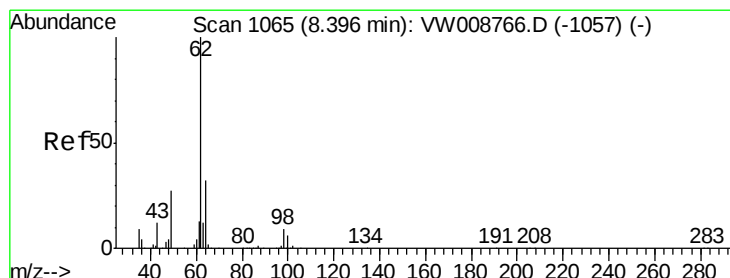
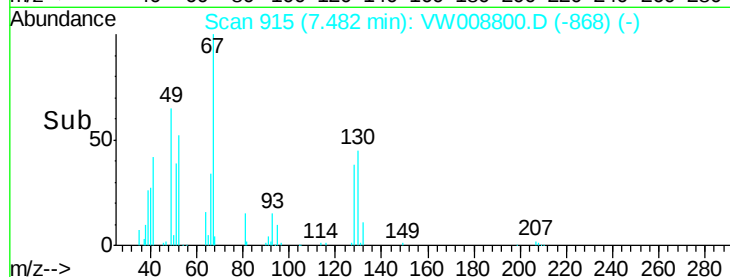
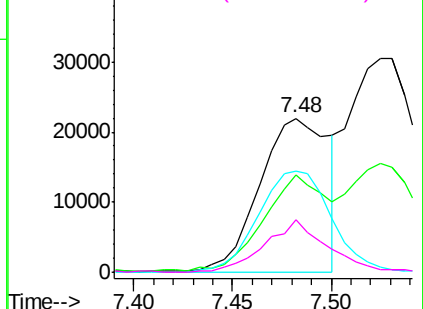


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 48.976 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW008800.D

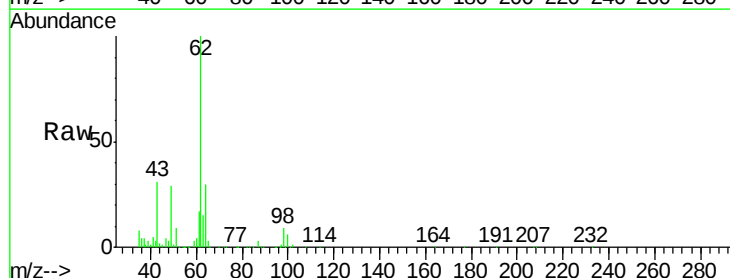
Acq: 25 Feb 2019 11:55

Tgt Ion: 62 Resp: 184388

Ion Ratio Lower Upper

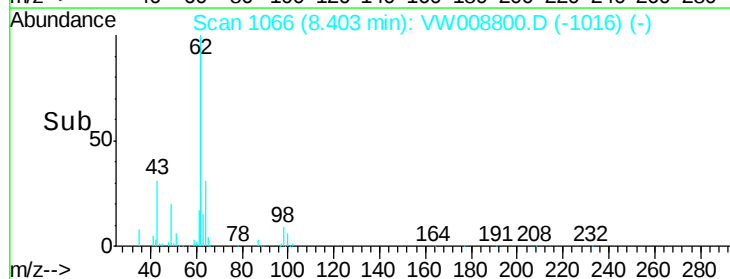
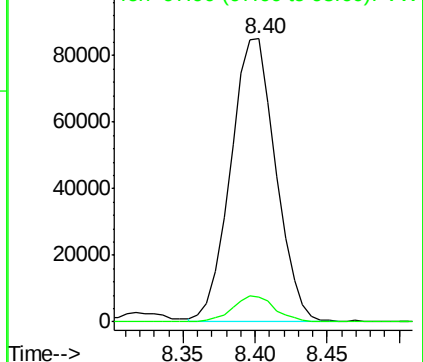
62 100

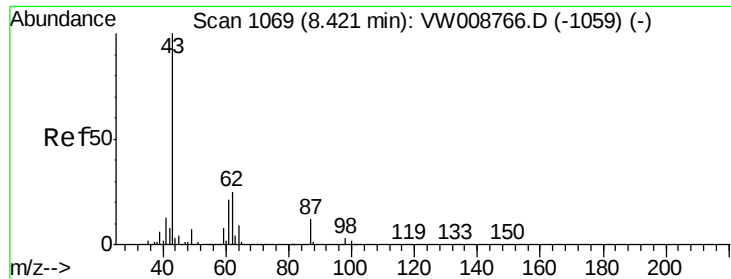
98 8.7 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 45.302 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

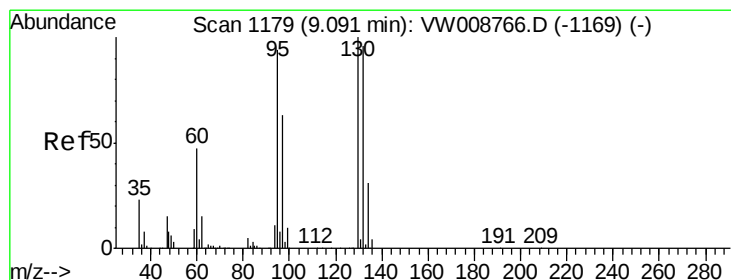
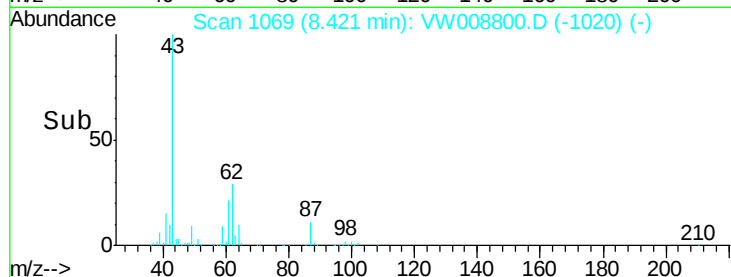
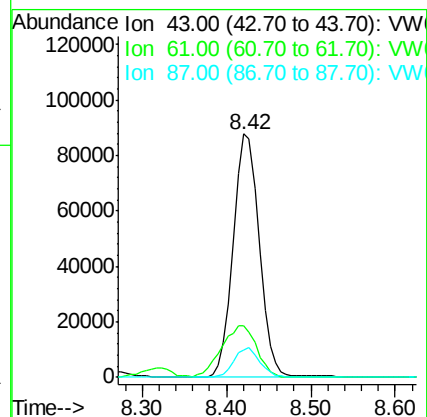
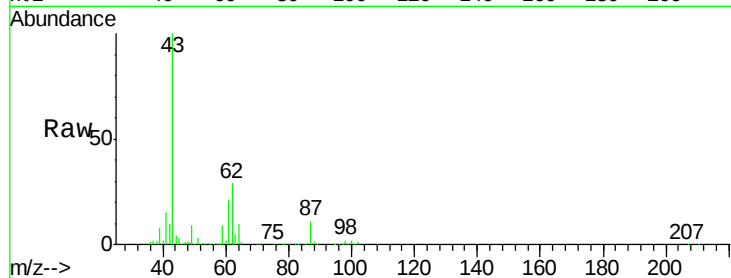
Tot Ion: 43 Resp: 183018

Ion Ratio Lower Upper

43 100

61 28.7 23.2 34.8

87 12.0 9.9 14.9



#44

Trichloroethene

Concen: 53.160 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008800.D

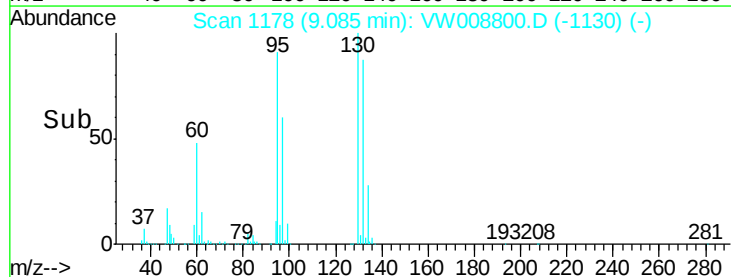
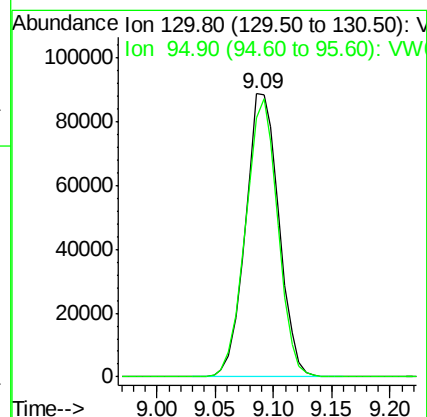
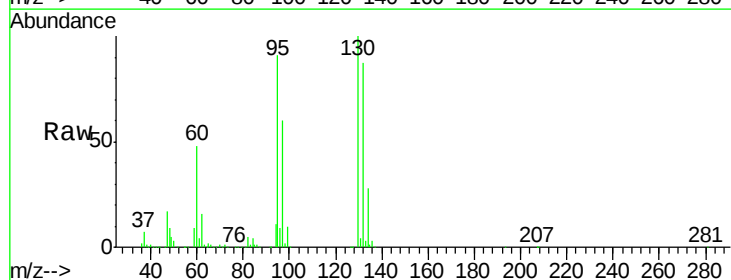
Acq: 25 Feb 2019 11:55

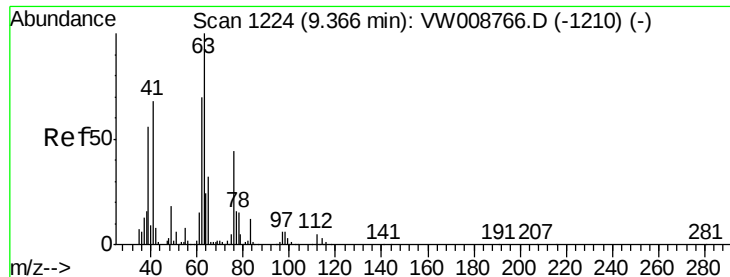
Tgt Ion:130 Resp: 177981

Ion Ratio Lower Upper

130 100

95 91.3 0.0 188.6





#45

1,2-Dichloropropane

Concen: 50.601 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

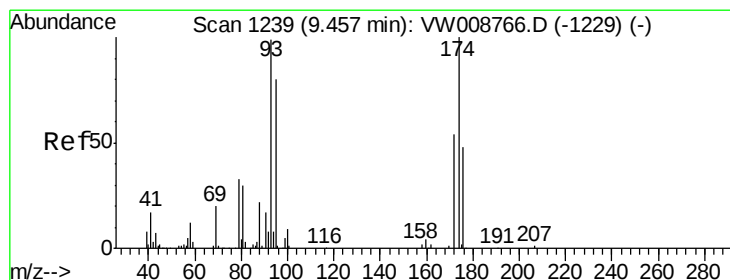
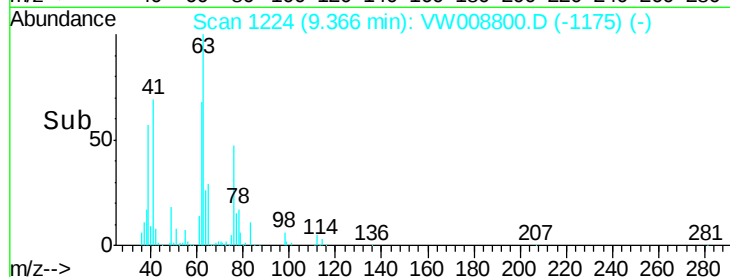
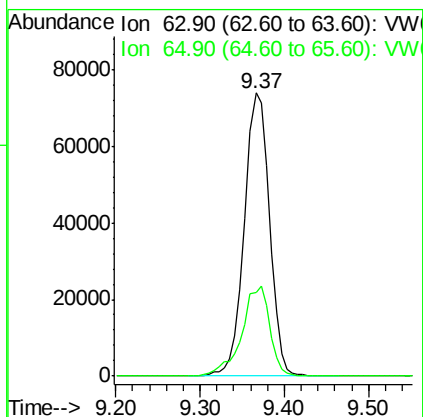
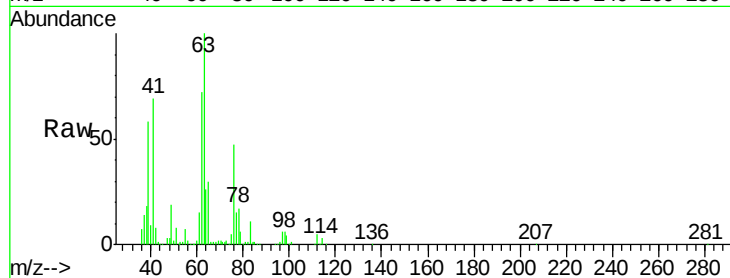
VSTDCCC050

Tot Ion: 63 Resp: 148611

Ion Ratio Lower Upper

63 100

65 29.7 25.5 38.3



#46

Dibromomethane

Concen: 49.381 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

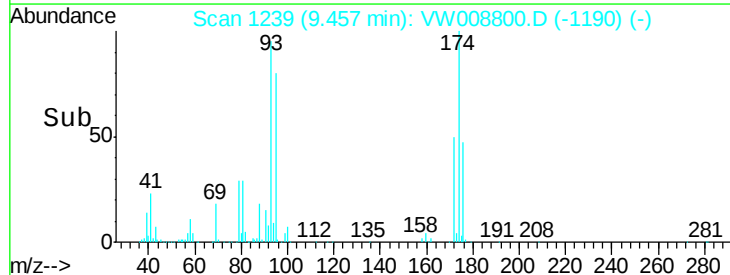
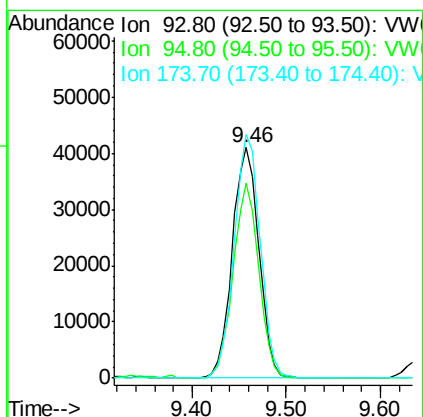
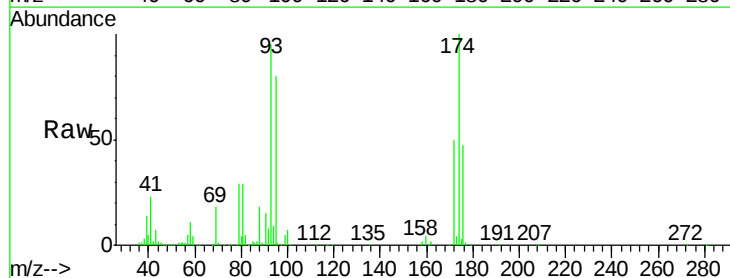
Tgt Ion: 93 Resp: 80669

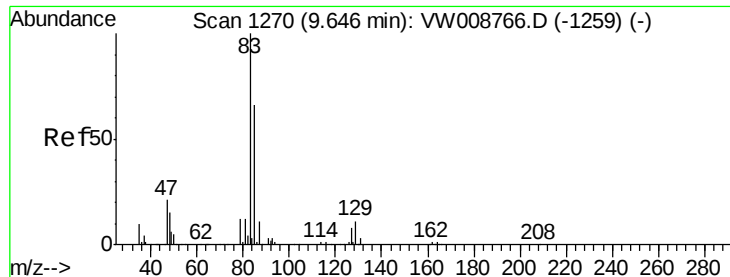
Ion Ratio Lower Upper

93 100

95 81.6 67.7 101.5

174 103.3 86.7 130.1





#47

Bromodichloromethane

Concen: 51.344 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

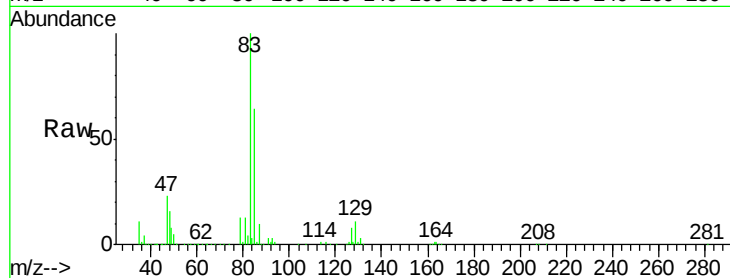
Tot Ion: 83 Resp: 204075

Ion Ratio Lower Upper

83 100

85 63.8 52.5 78.7

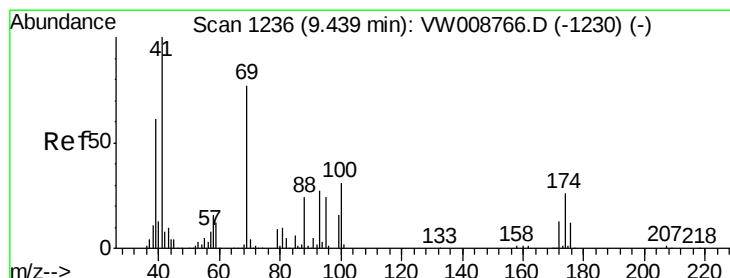
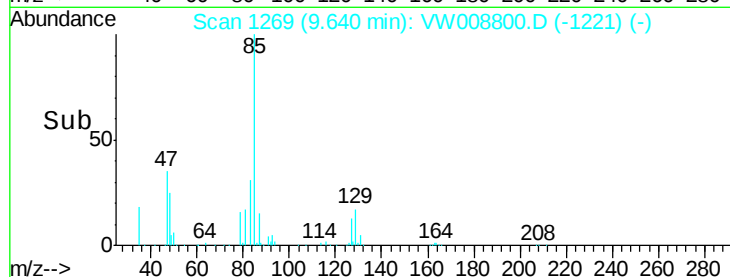
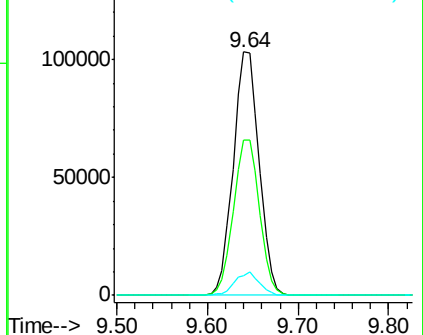
127 8.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.099 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

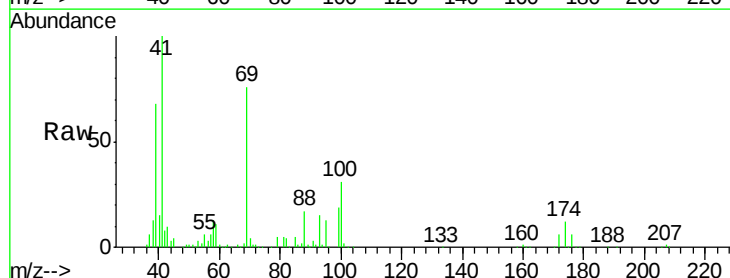
Tgt Ion: 41 Resp: 95001

Ion Ratio Lower Upper

41 100

69 75.1 63.6 95.4

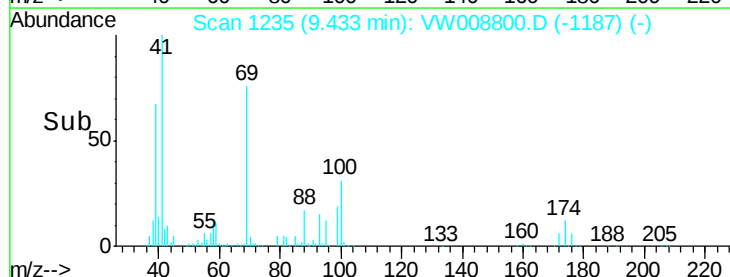
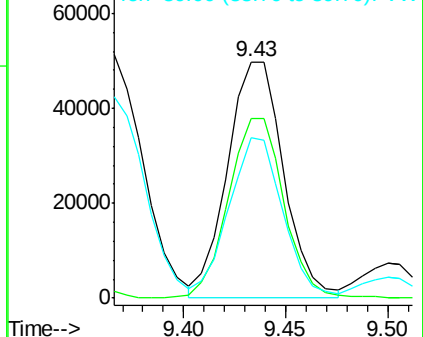
39 62.0 52.1 78.1

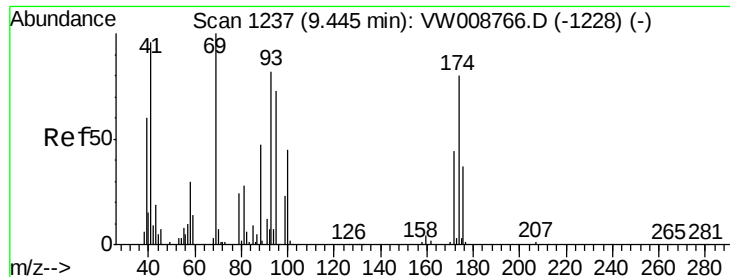


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

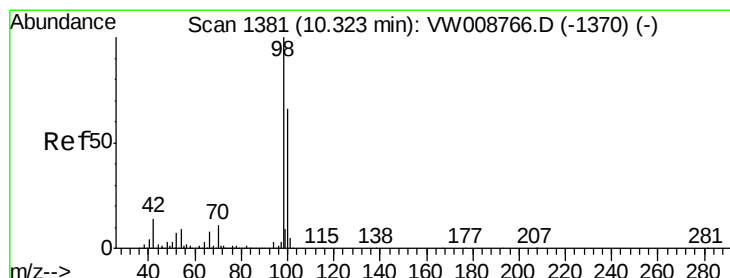
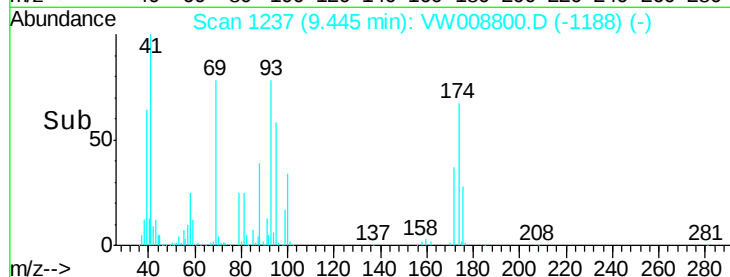
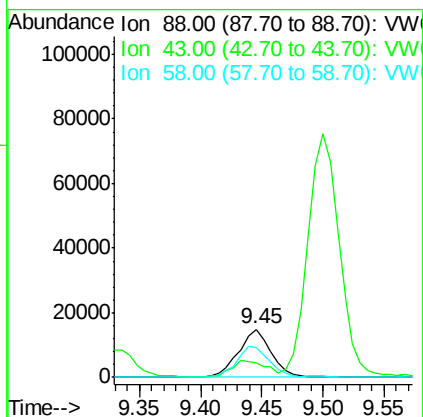
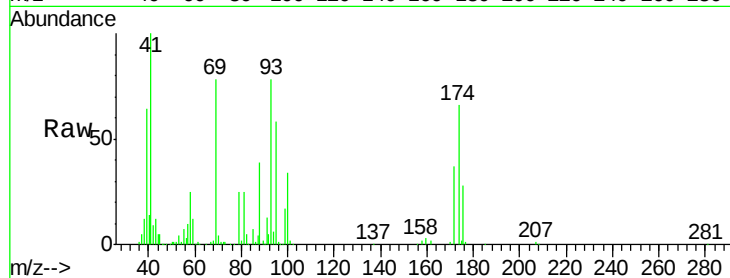




#49
1,4-Dioxane
Concen: 1051.187 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

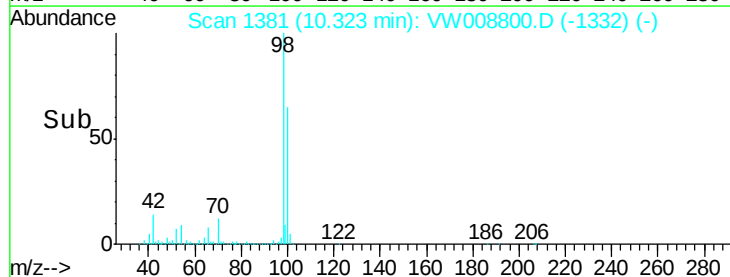
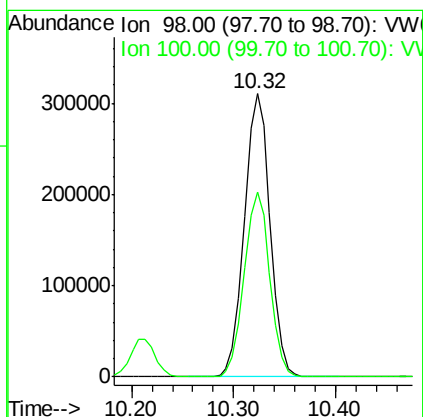
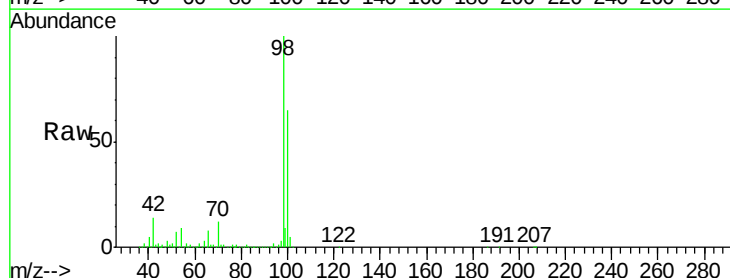
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

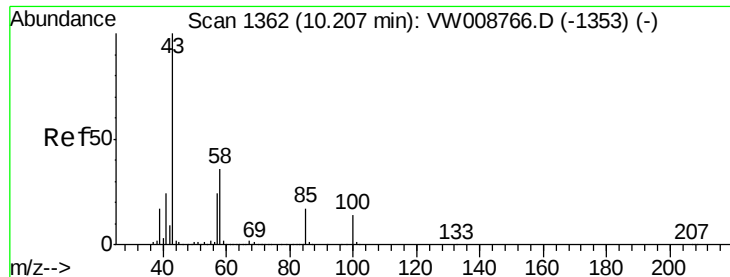
Tot Ion: 88 Resp: 27500
Ion Ratio Lower Upper
88 100
43 35.1 29.0 43.4
58 64.3 52.0 78.0



#50
Toluene-d8
Concen: 52.300 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion: 98 Resp: 542056
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 227.533 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

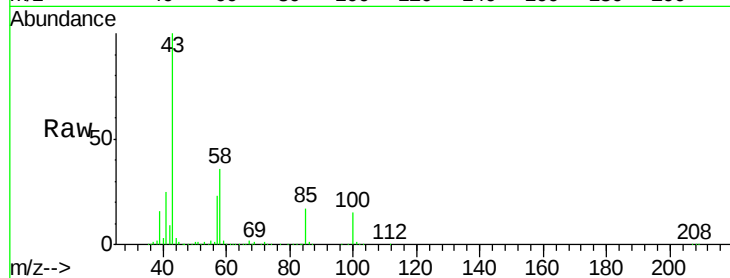
VSTDCCC050

Tot Ion: 43 Resp: 466684

Ion Ratio Lower Upper

43 100

58 36.4 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

300000

250000

200000

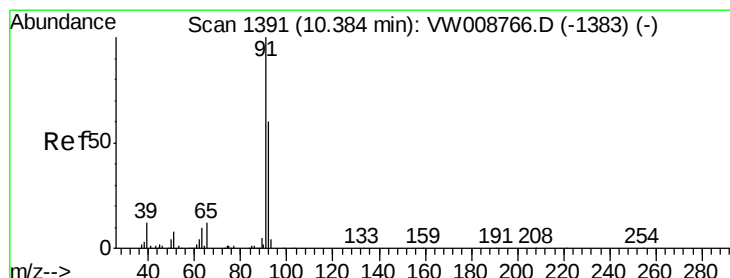
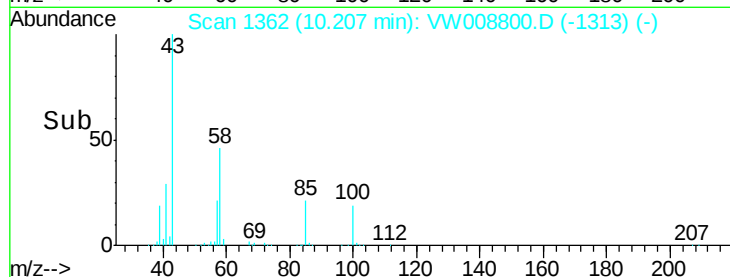
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 53.670 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008800.D

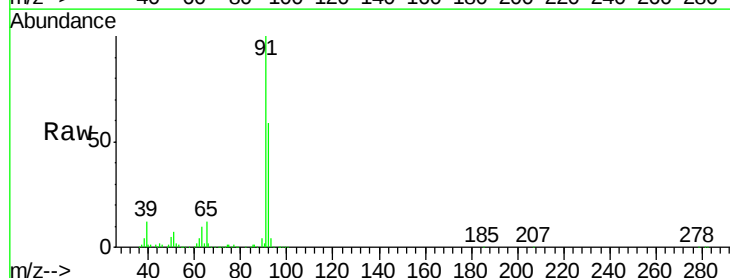
Acq: 25 Feb 2019 11:55

Tgt Ion: 92 Resp: 432897

Ion Ratio Lower Upper

92 100

91 170.7 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

500000

400000

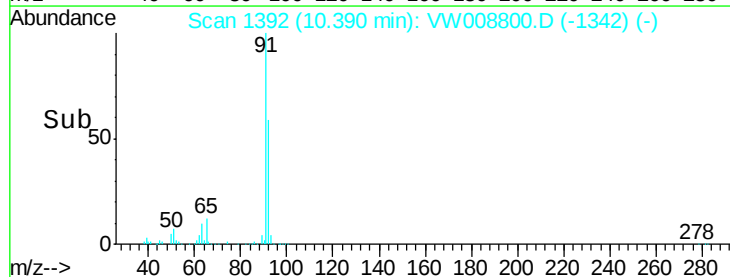
300000

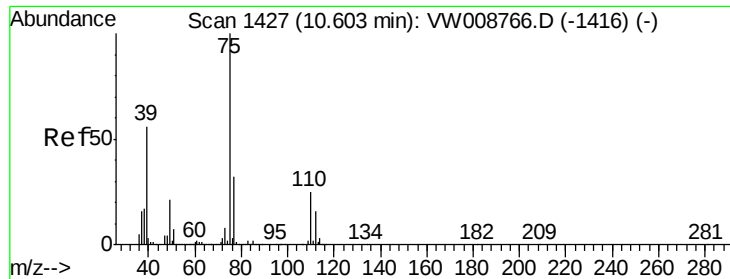
200000

100000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 51.323 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampled :

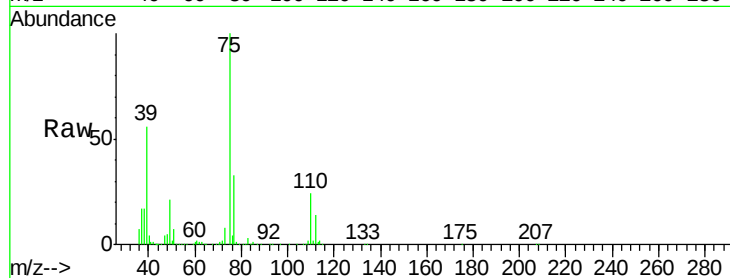
VSTDCCC050

Tot Ion: 75 Resp: 207918

Ion Ratio Lower Upper

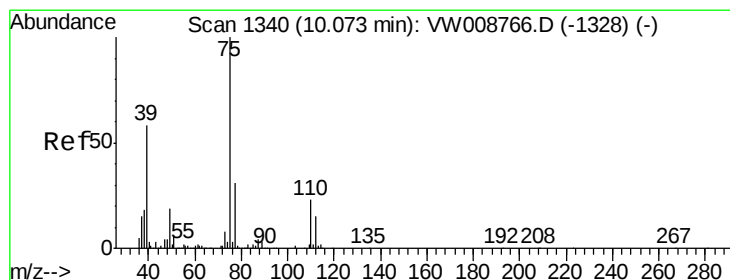
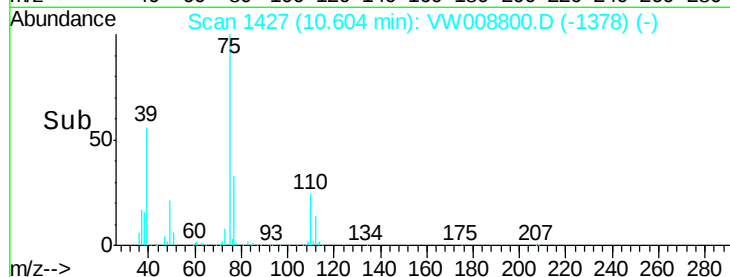
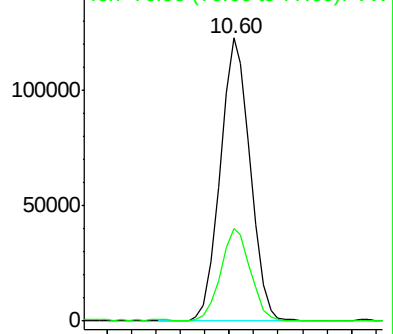
75 100

77 32.6 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 51.976 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

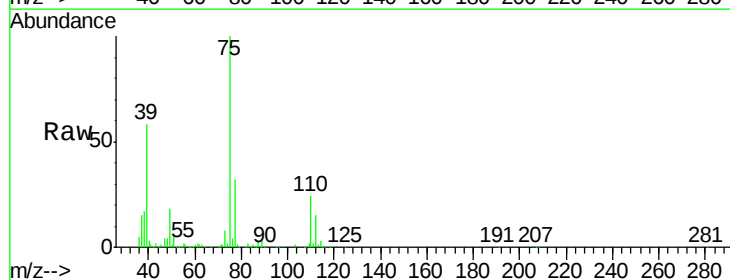
Tgt Ion: 75 Resp: 240152

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

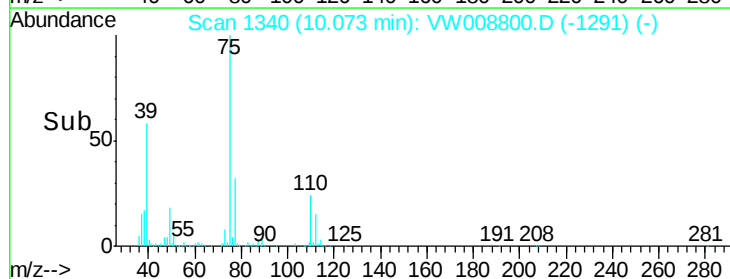
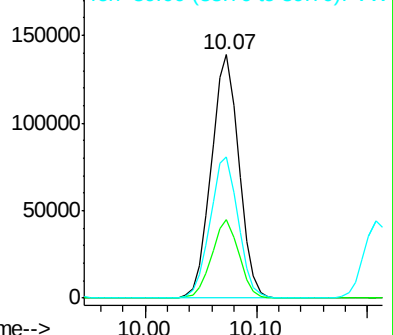
39 57.7 46.6 70.0

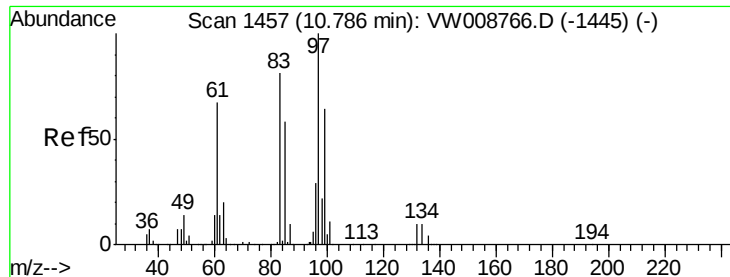


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 48.969 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 108488

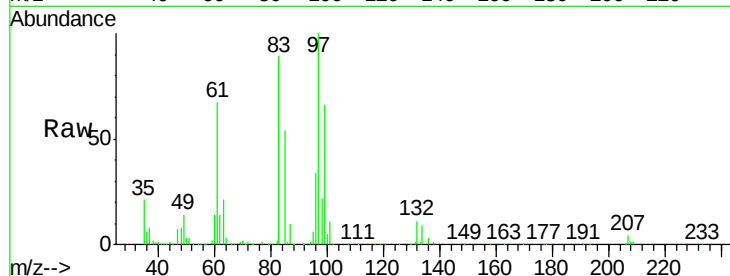
Ion Ratio Lower Upper

97 100

83 89.2 65.0 97.6

85 54.2 46.0 69.0

99 66.0 51.1 76.7

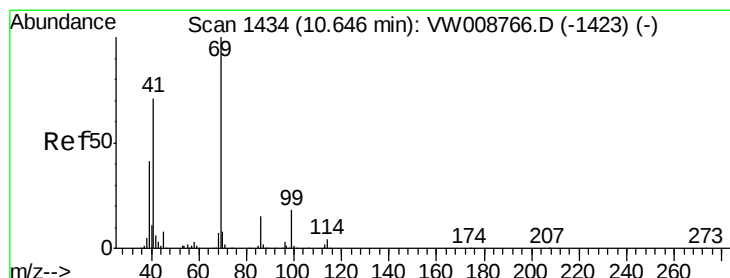
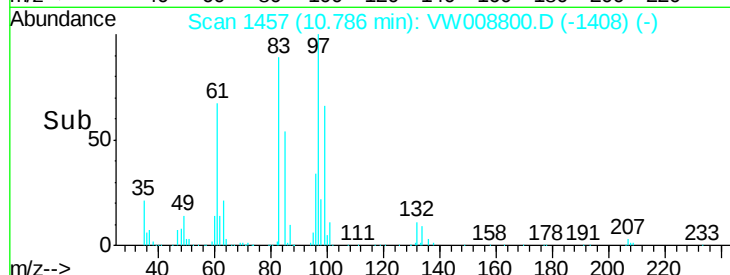
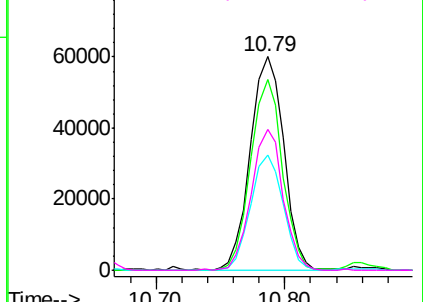


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 48.308 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

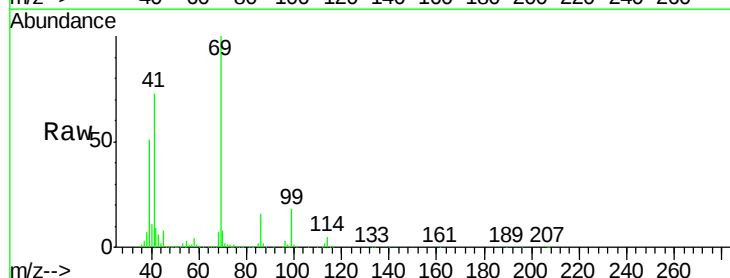
Tgt Ion: 69 Resp: 139047

Ion Ratio Lower Upper

69 100

41 73.4 57.4 86.0

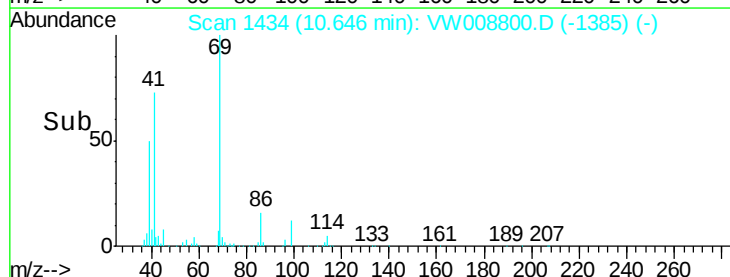
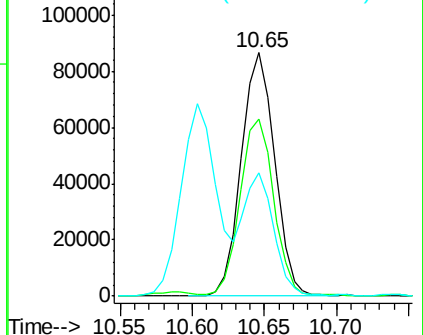
39 46.1 34.8 52.2

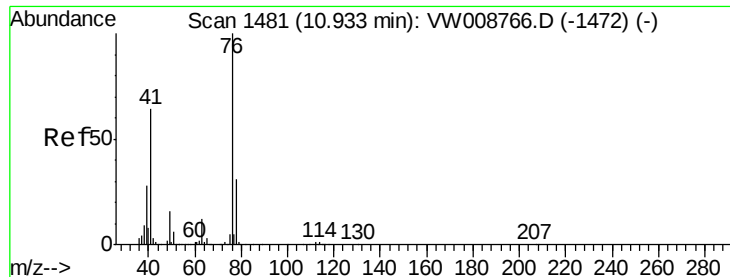


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

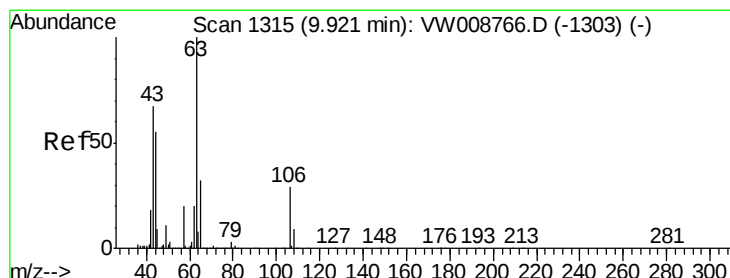
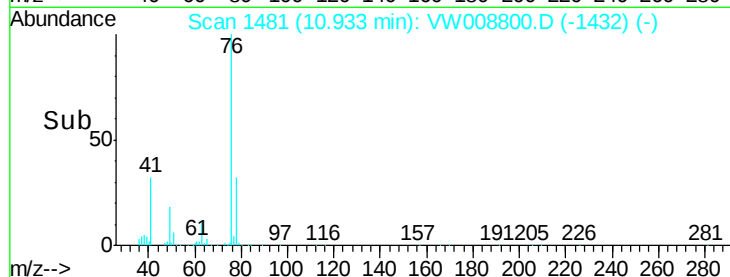
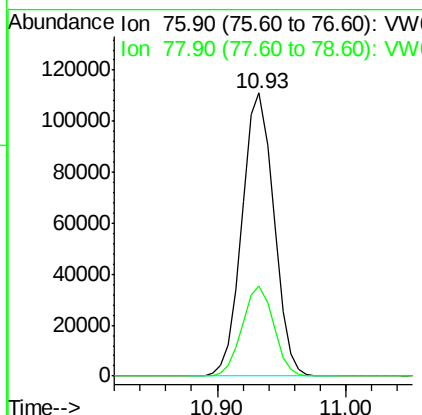
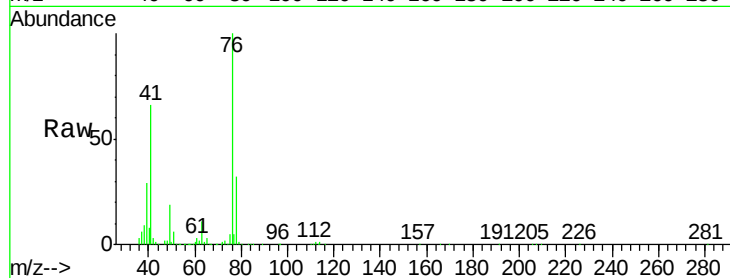




#57
 1,3-Dichloropropane
 Concen: 48.551 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

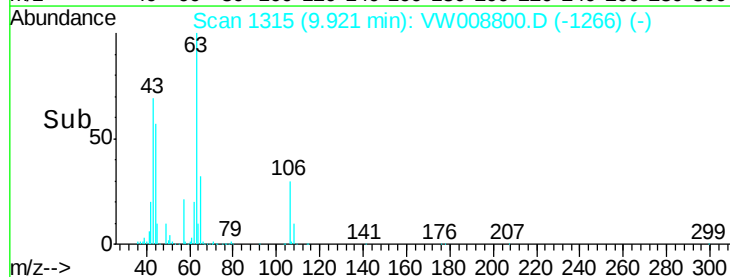
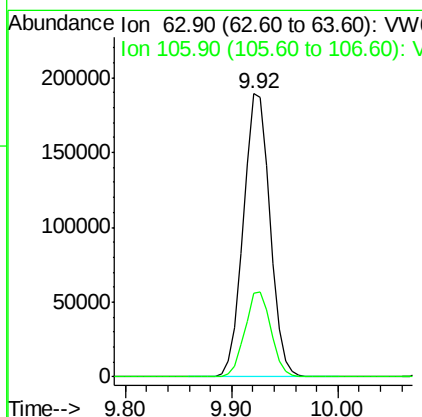
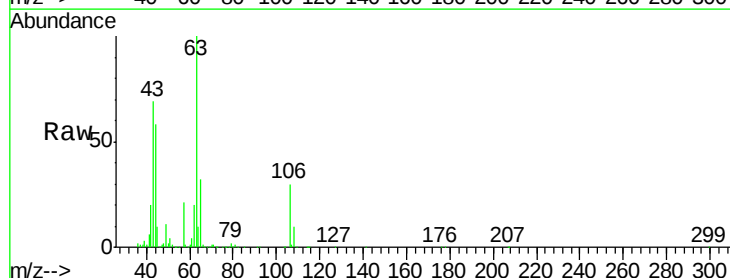
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

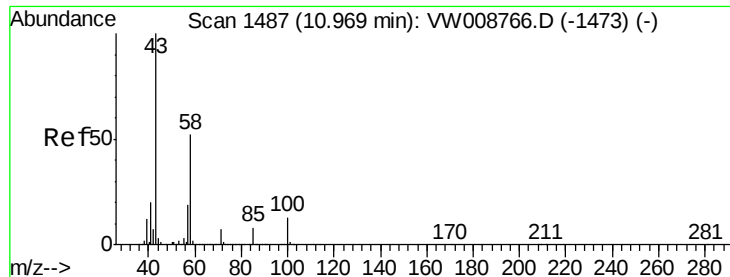
Tot Ion: 76 Resp: 189912
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.080 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Tgt Ion: 63 Resp: 334522
 Ion Ratio Lower Upper
 63 100
 106 29.4 24.0 36.0

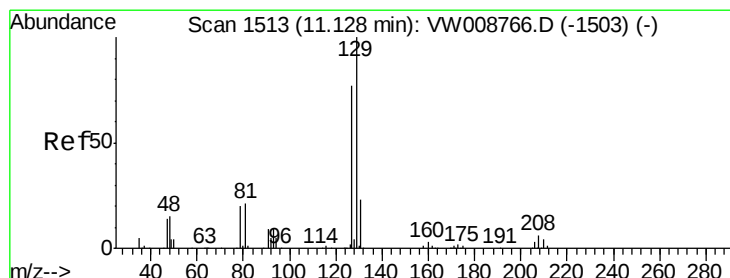
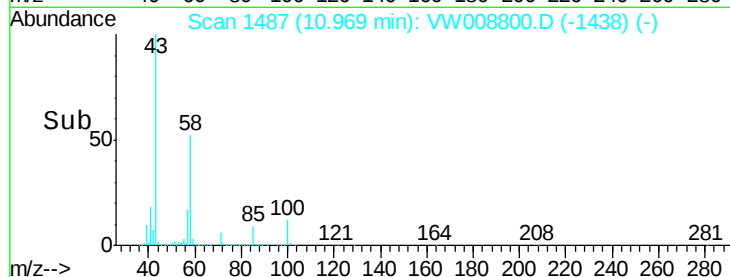
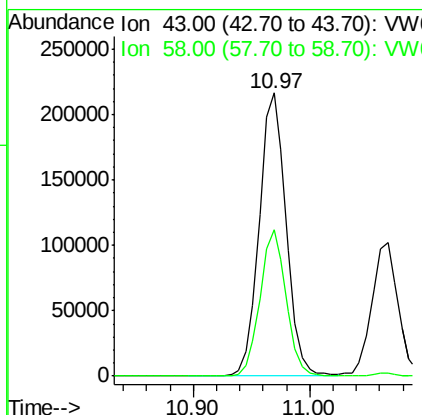
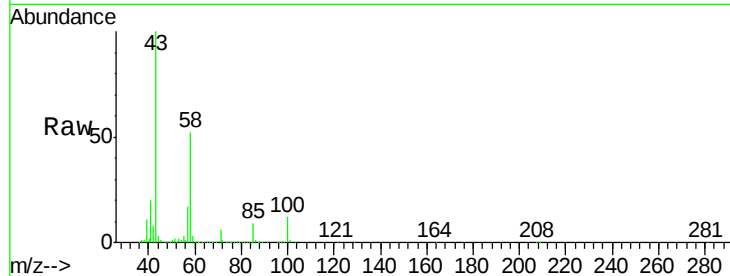




#59
2-Hexanone
Concen: 239.132 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

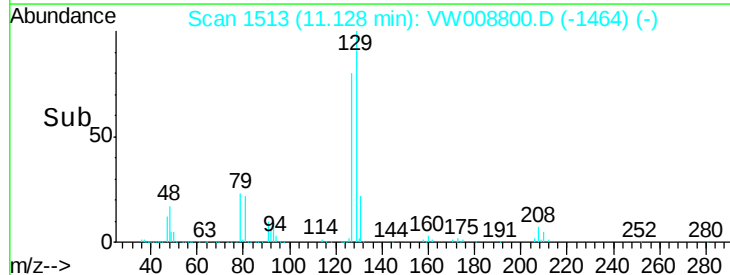
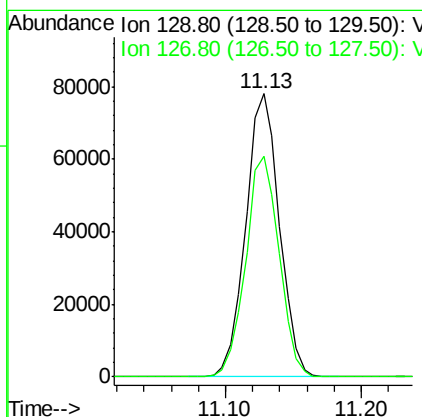
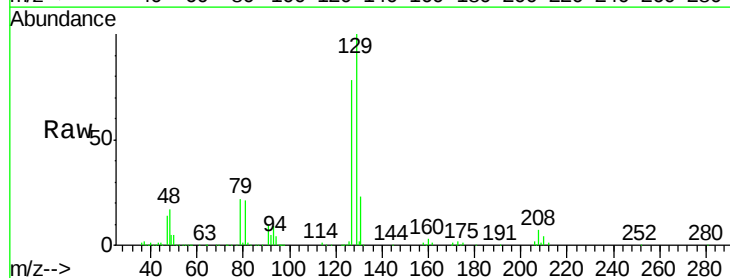
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

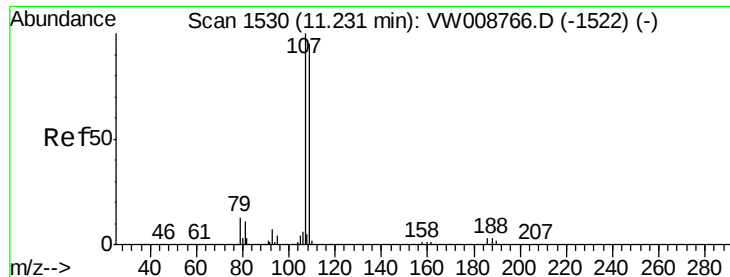
Tot Ion: 43 Resp: 349140
Ion Ratio Lower Upper
43 100
58 50.1 25.3 75.8



#60
Dibromochloromethane
Concen: 50.053 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion: 129 Resp: 135255
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9

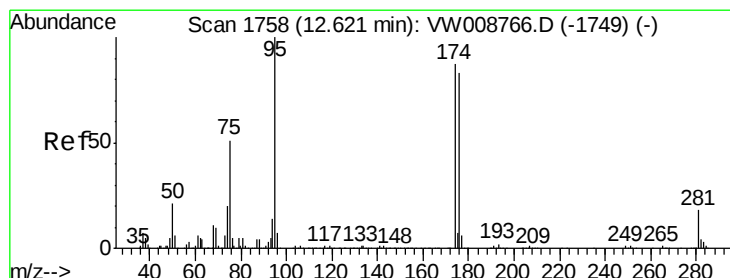
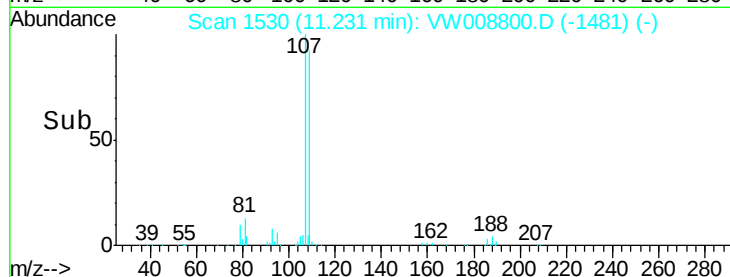
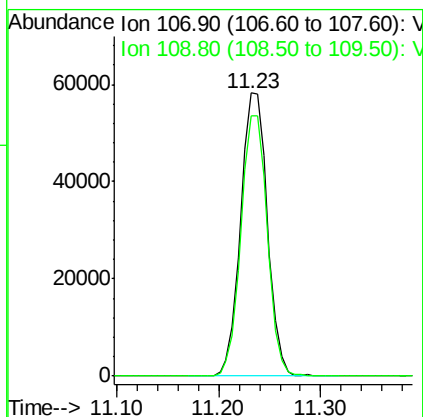
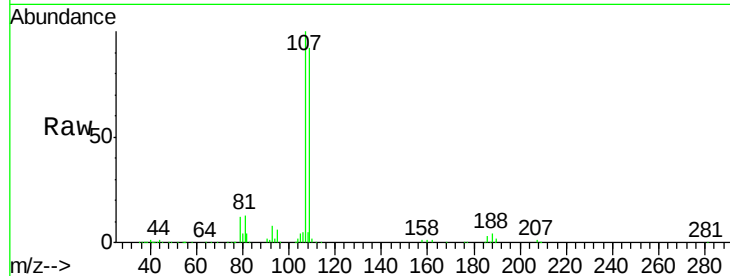




#61
 1,2-Dibromoethane
 Concen: 48.238 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

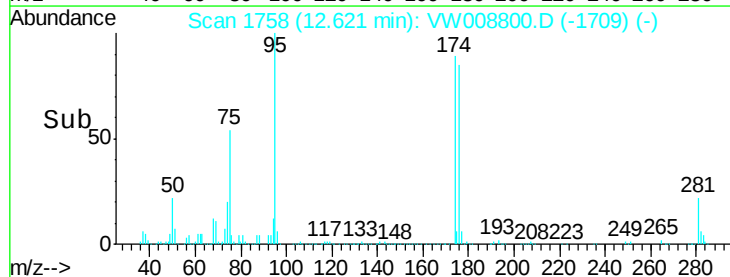
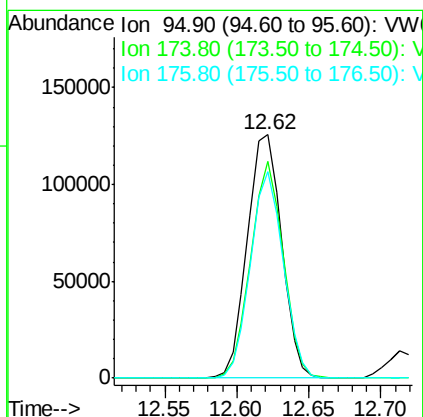
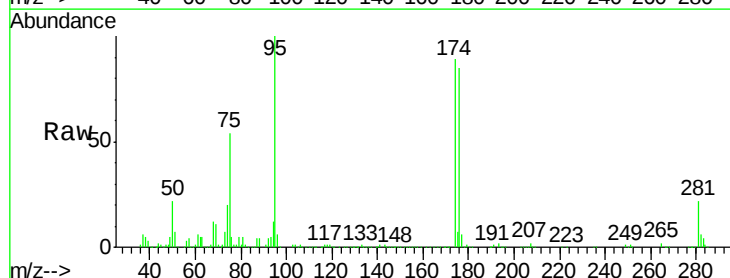
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

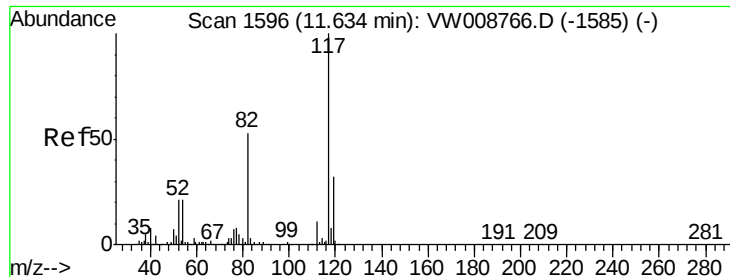
Tot Ion: 107 Resp: 105784
 Ion Ratio Lower Upper
 107 100
 109 91.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.108 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Tgt Ion: 95 Resp: 207400
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 169.2
 176 81.2 0.0 163.6

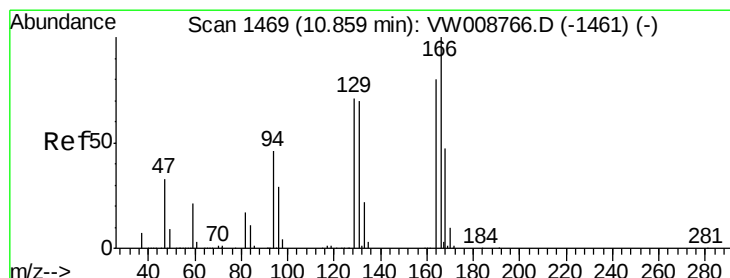
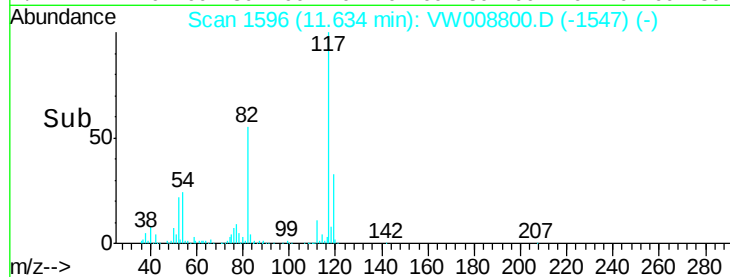
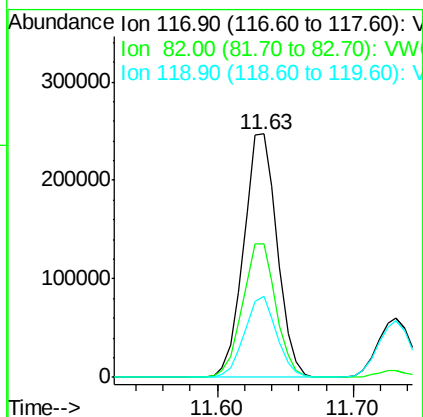
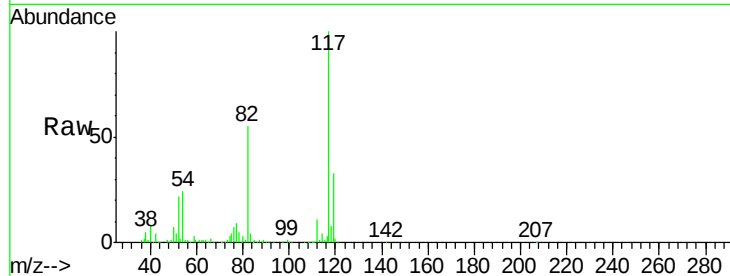




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

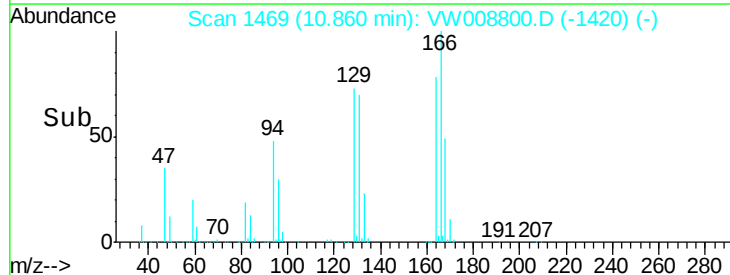
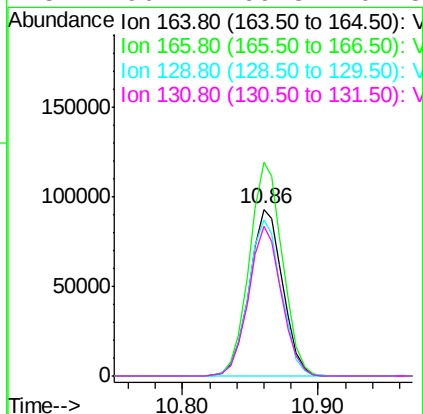
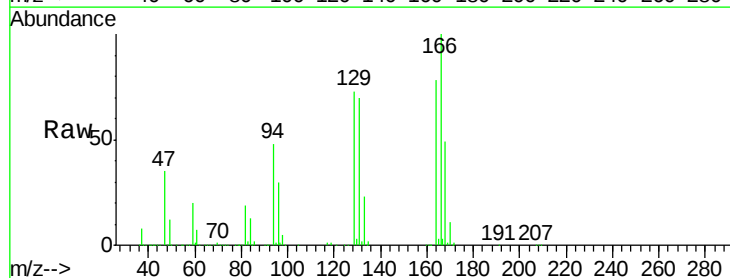
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

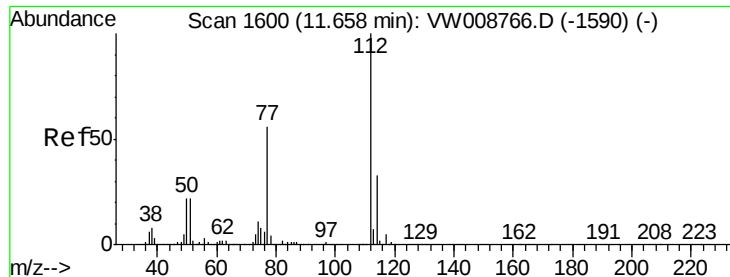
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.2	63.4
119	33.5	25.9	38.9



#64
Tetrachloroethene
Concen: 52.382 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.5	149.3
129	93.3	71.1	106.7
131	90.2	69.8	104.8

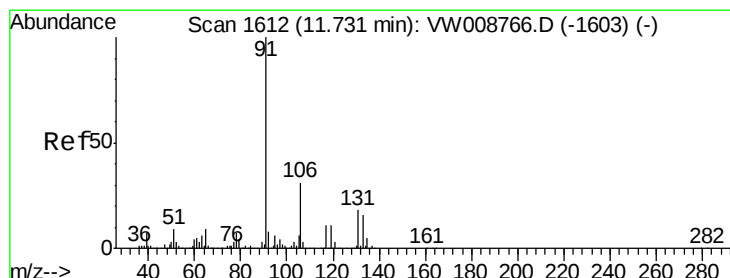
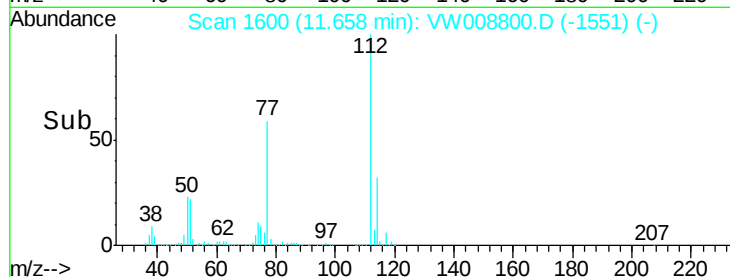
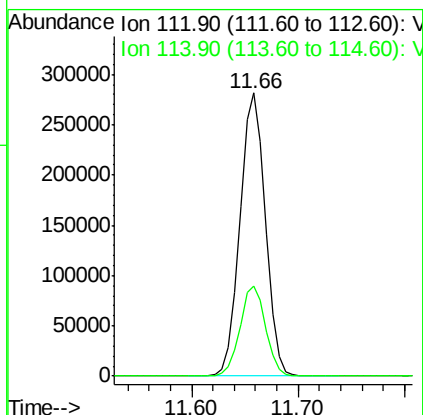
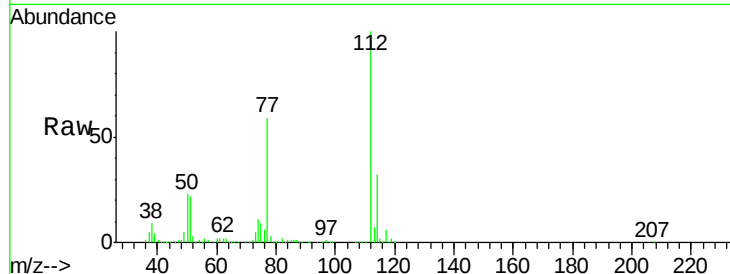




#65
Chlorobenzene
Concen: 52.740 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

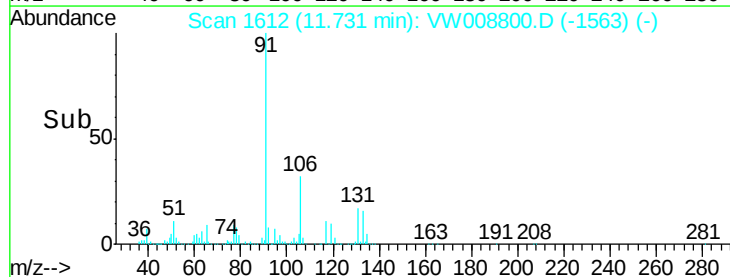
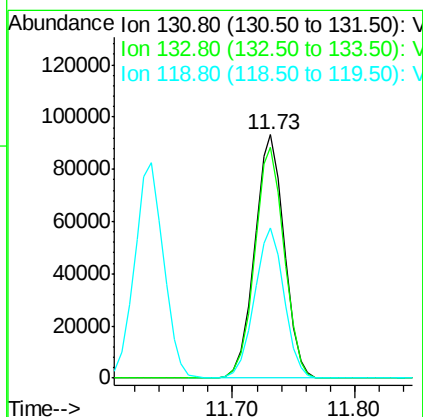
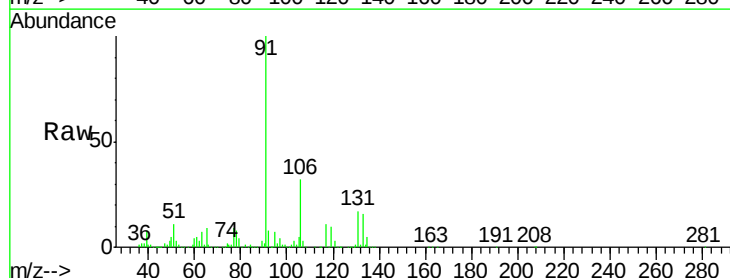
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

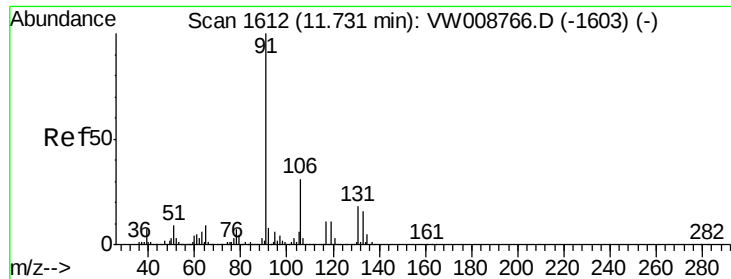
Tot Ion:112 Resp: 471396
Ion Ratio Lower Upper
112 100
114 31.8 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.812 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion:131 Resp: 156587
Ion Ratio Lower Upper
131 100
133 94.5 46.7 140.0
119 62.0 30.8 92.4

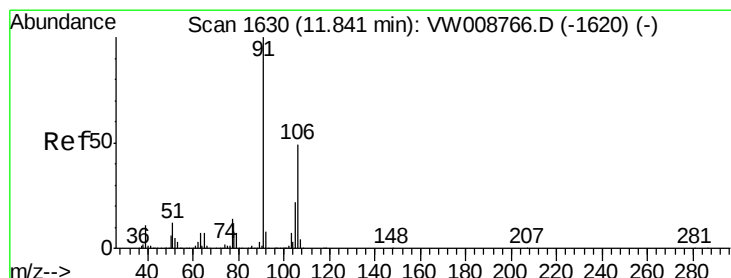
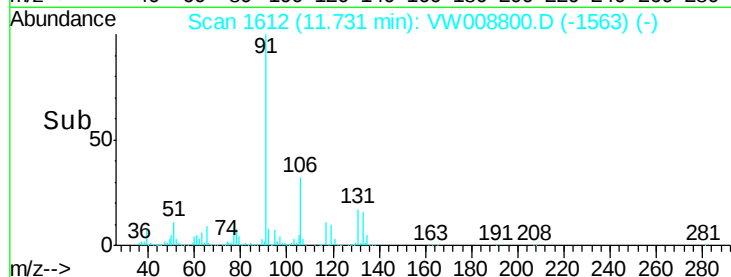
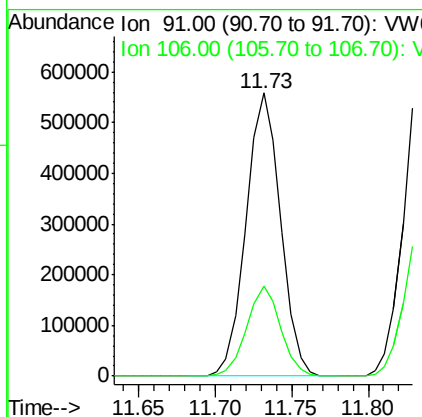
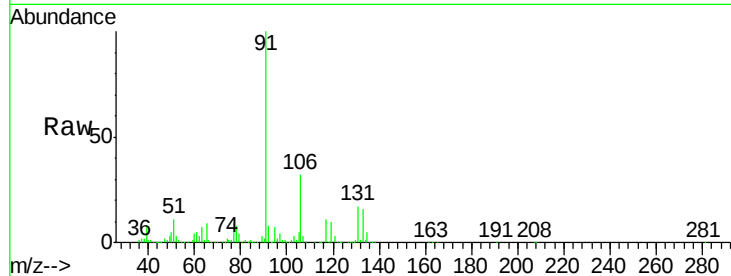




#67
Ethyl Benzene
Concen: 54.691 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

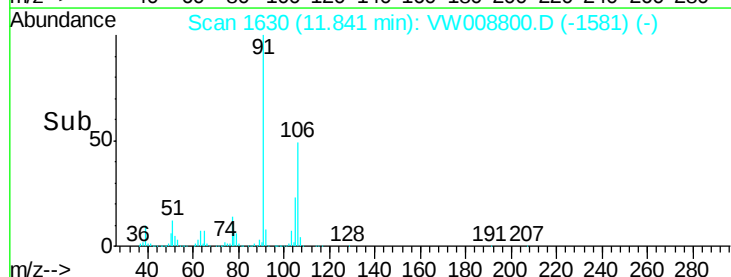
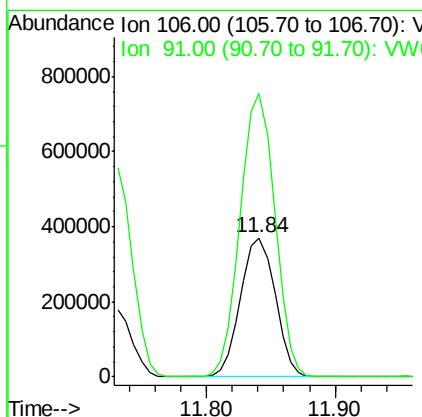
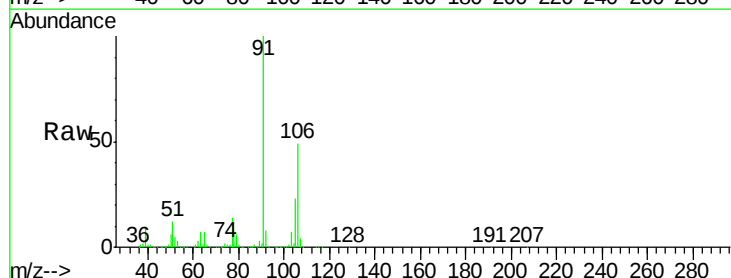
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

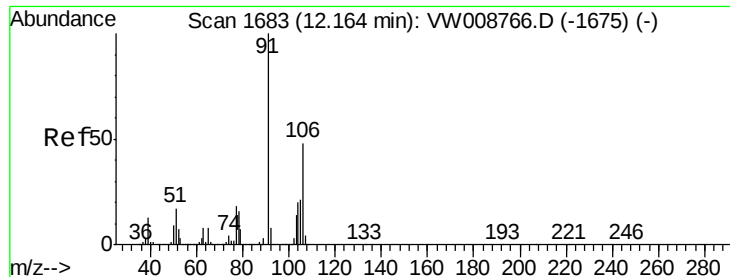
Tot Ion: 91 Resp: 873874
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6



#68
m/p-Xylenes
Concen: 108.971 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion: 106 Resp: 695688
Ion Ratio Lower Upper
106 100
91 202.8 161.5 242.3

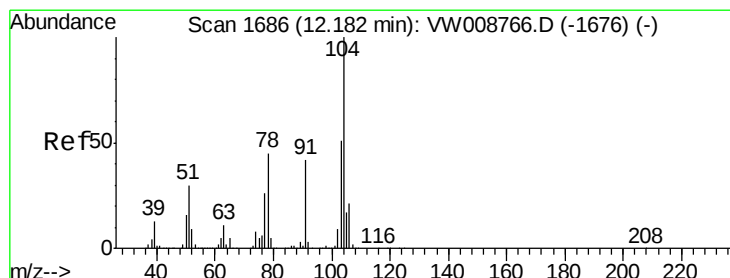
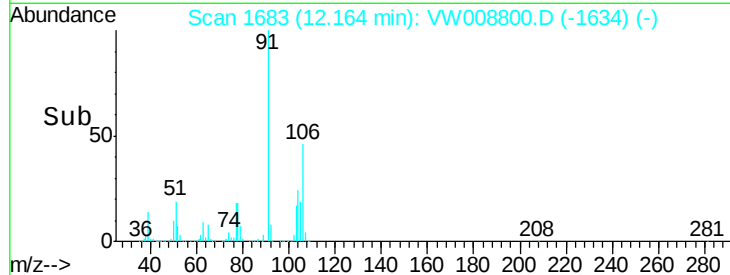
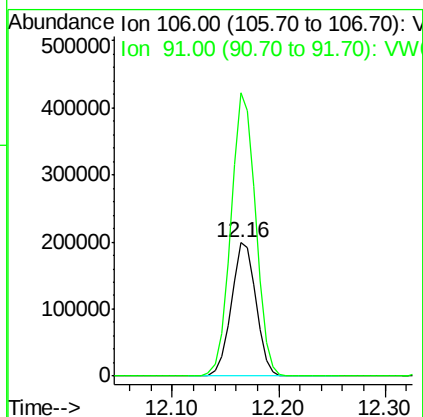
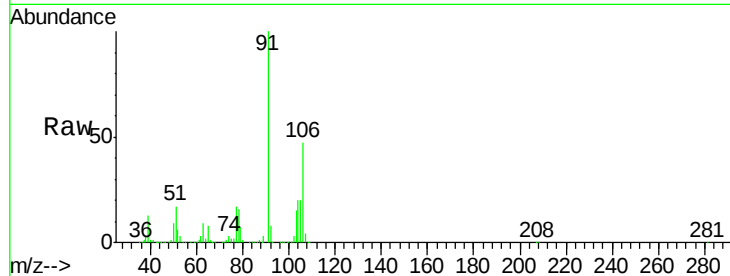




#69
o-Xylene
Concen: 54.059 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

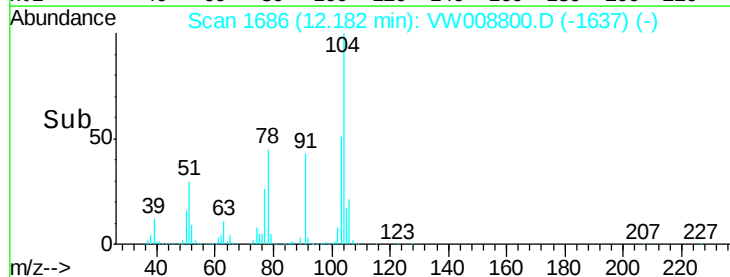
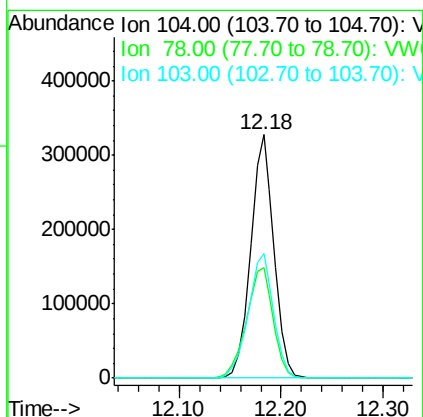
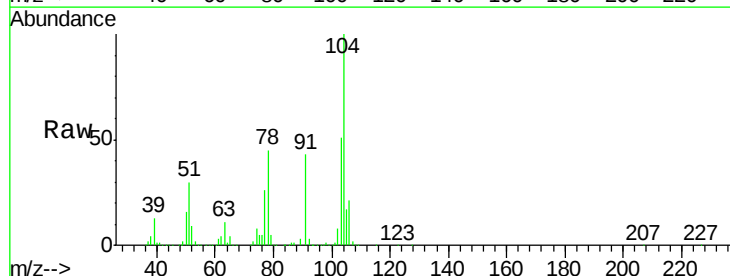
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 323934
Ion Ratio Lower Upper
106 100
91 212.2 106.2 318.6



#70
Styrene
Concen: 53.631 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion:104 Resp: 517029
Ion Ratio Lower Upper
104 100
78 52.4 40.8 61.2
103 56.0 44.2 66.2





#71

Bromoform

Concen: 49.328 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

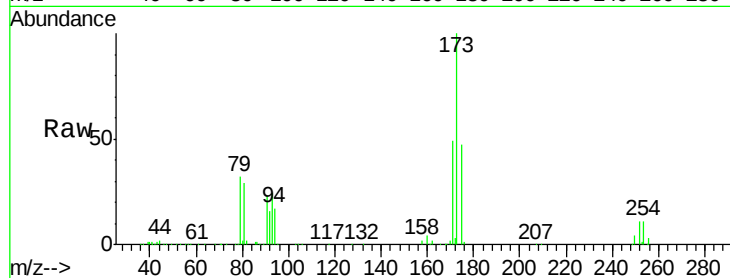
Tot Ion:173 Resp: 80134

Ion Ratio Lower Upper

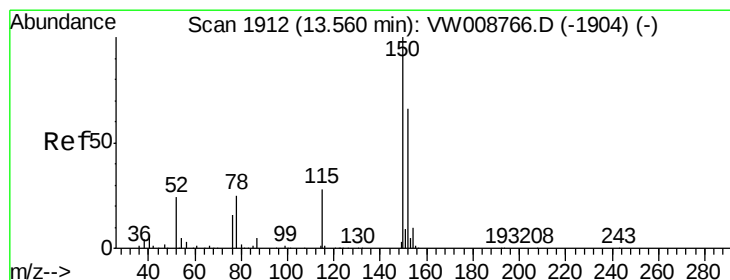
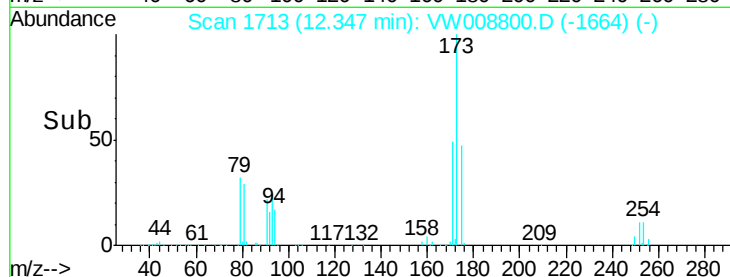
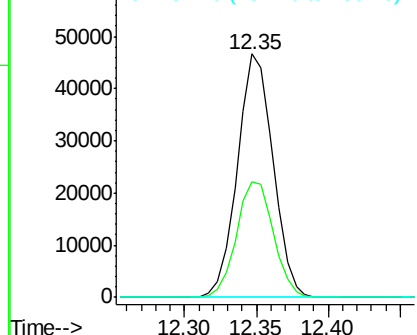
173 100

175 49.3 24.2 72.6

254 0.1 0.2 0.4#



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: VW008800.D

Acq: 25 Feb 2019 11:55

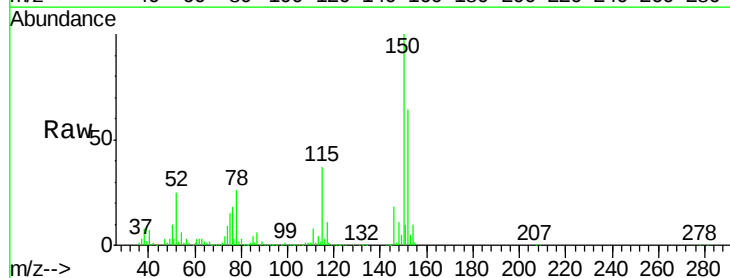
Tgt Ion:152 Resp: 235846

Ion Ratio Lower Upper

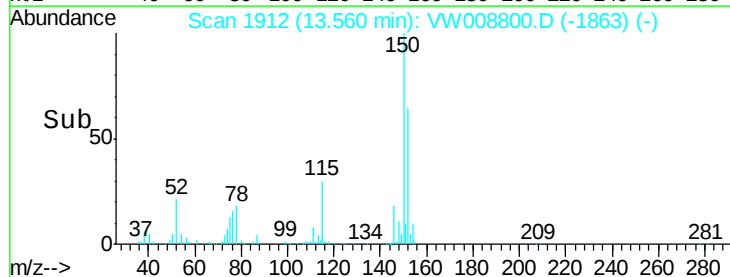
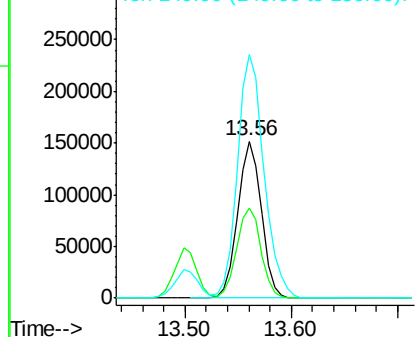
152 100

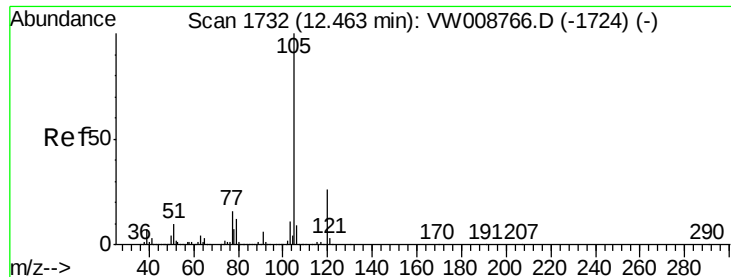
115 58.7 28.6 85.8

150 175.0 0.0 348.0



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: 56.113 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

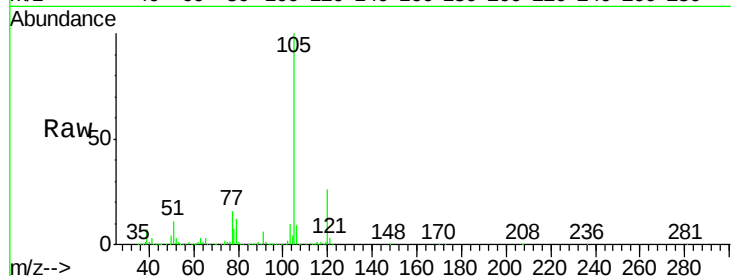
VSTDCCC050

Tot Ion:105 Resp: 907249

Ion Ratio Lower Upper

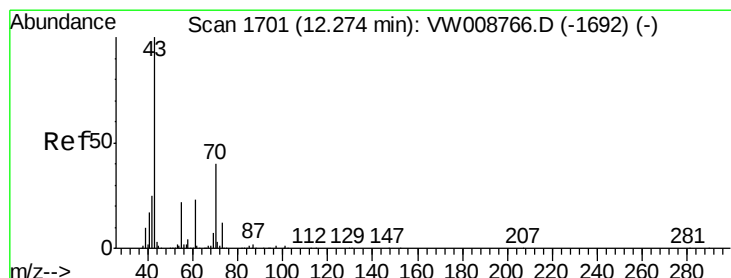
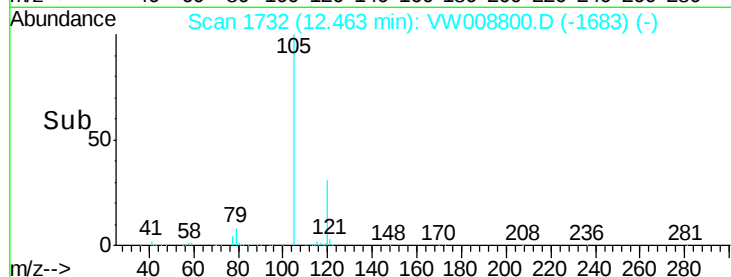
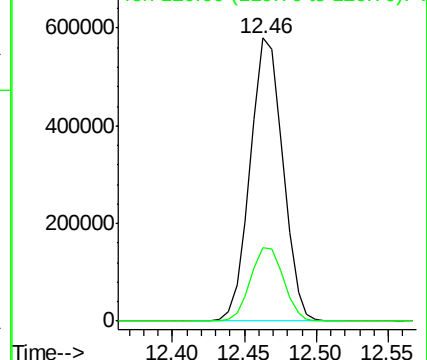
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.450 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Tgt Ion: 43 Resp: 201393

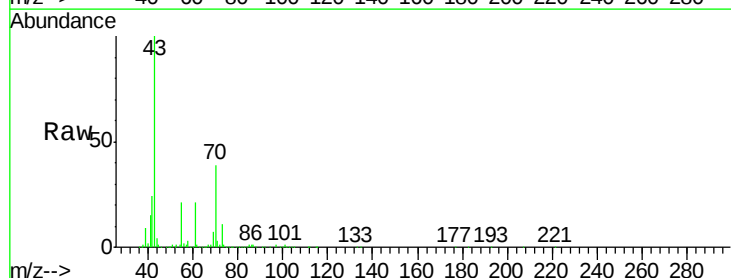
Ion Ratio Lower Upper

43 100

70 38.5 31.0 46.6

55 22.7 18.7 28.1

61 21.7 18.1 27.1

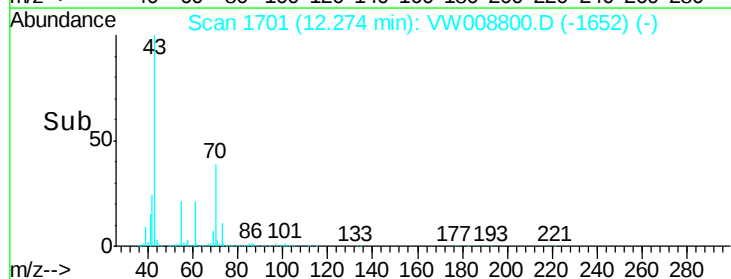
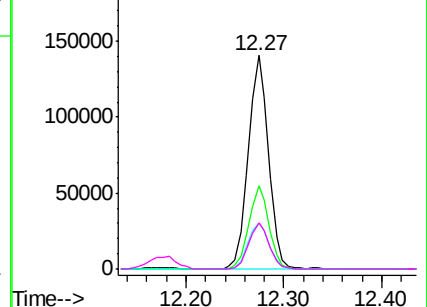


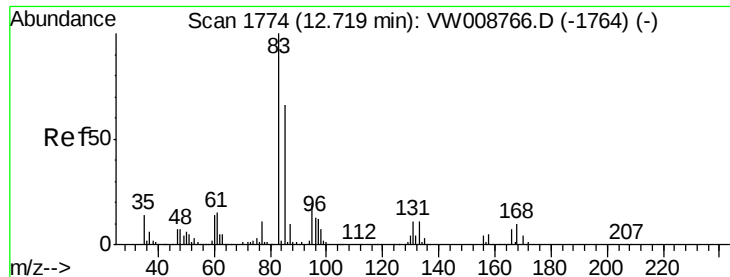
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 46.415 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

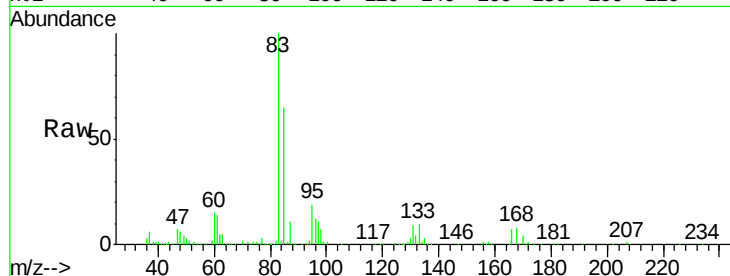
Tot Ion: 83 Resp: 122621

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.7

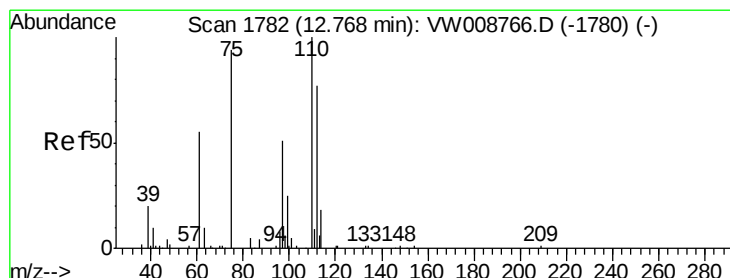
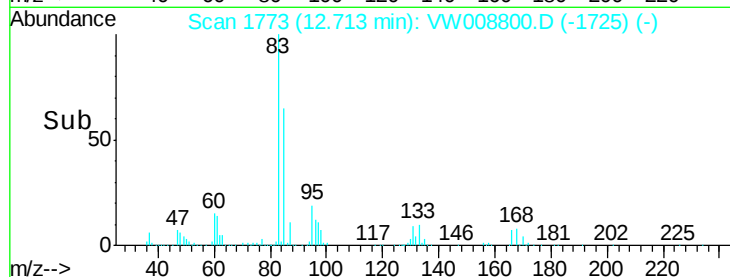
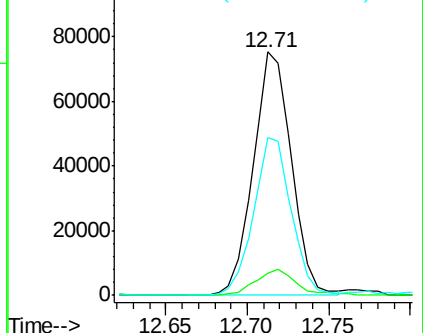
85 63.9 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 44.767 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008800.D

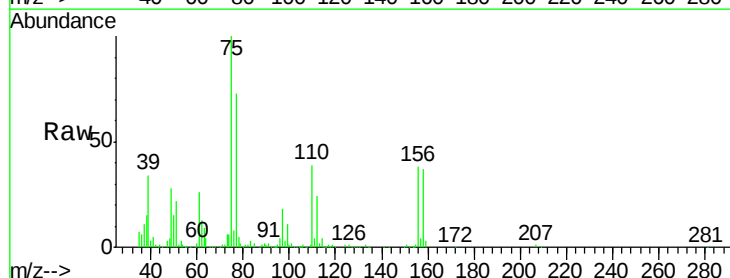
Acq: 25 Feb 2019 11:55

Tgt Ion: 75 Resp: 87171

Ion Ratio Lower Upper

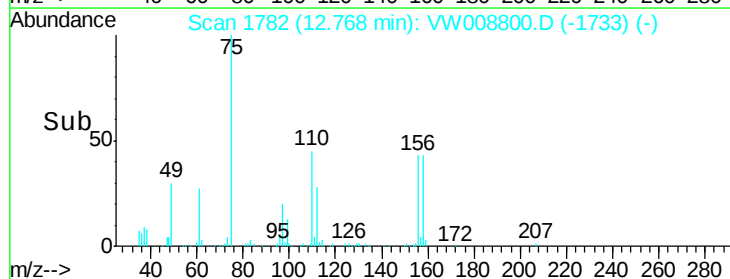
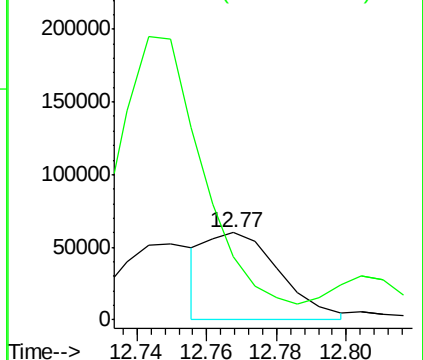
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

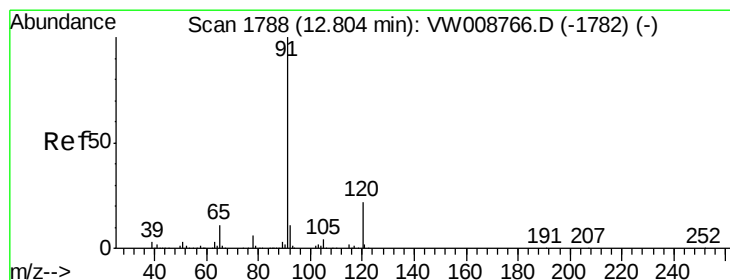
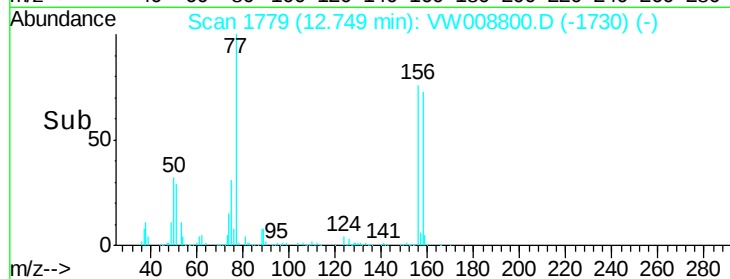
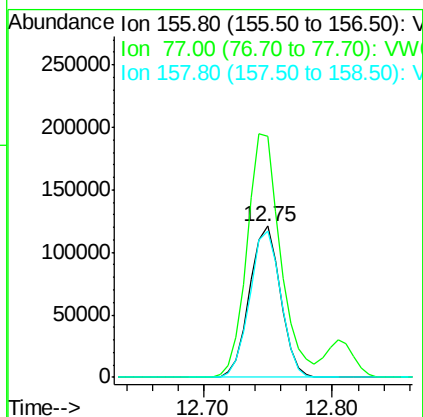
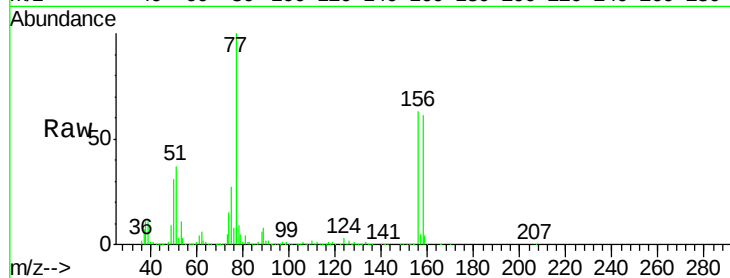




#77
Bromobenzene
Concen: 52.090 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

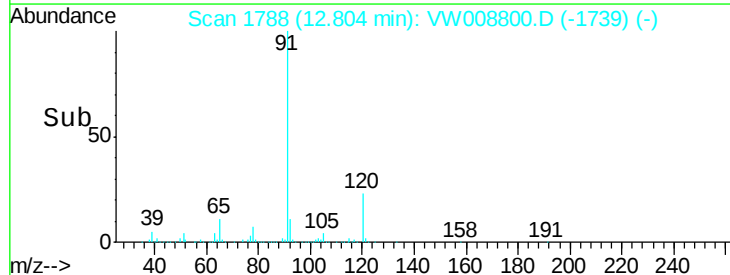
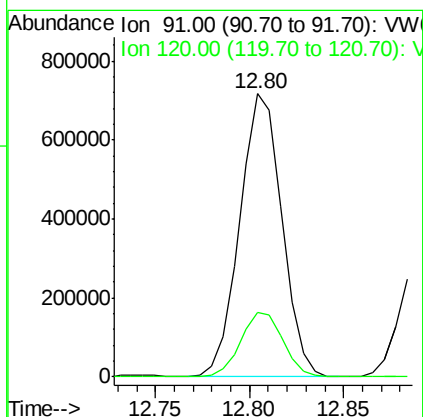
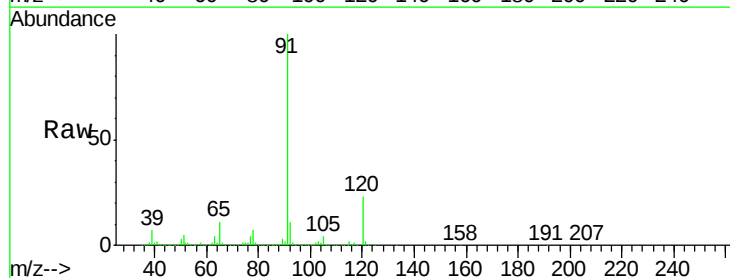
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

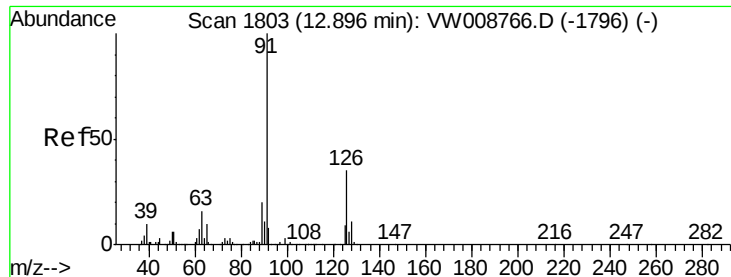
Tot Ion:156 Resp: 199021
Ion Ratio Lower Upper
156 100
77 175.1 89.1 267.4
158 97.1 49.2 147.6



#78
n-propylbenzene
Concen: 56.143 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion: 91 Resp: 1110367
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.248 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

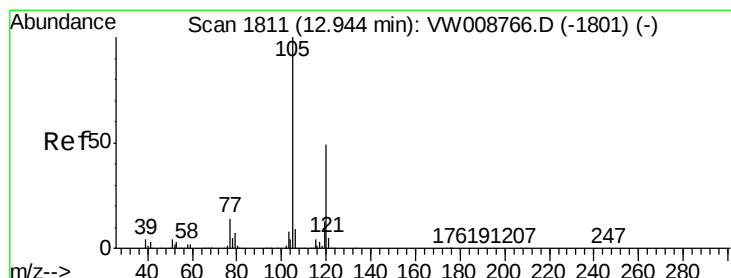
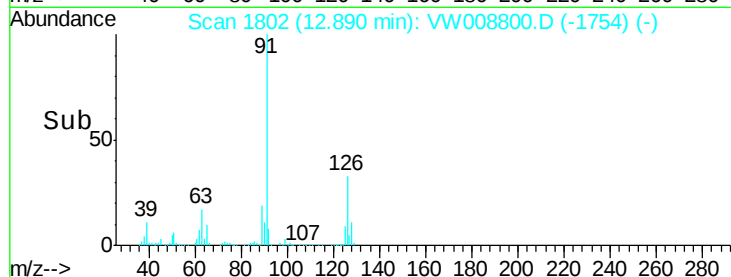
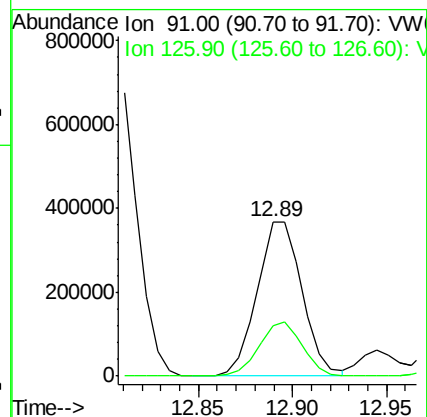
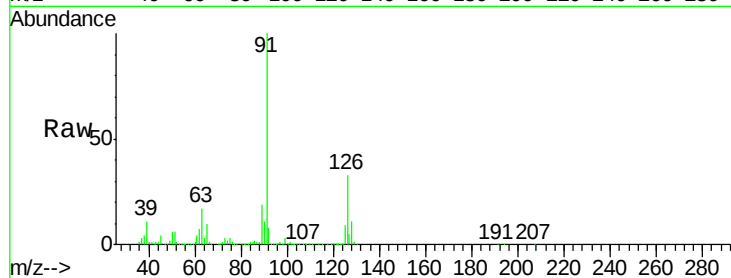
VSTDCCC050

Tot Ion: 91 Resp: 609143

Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 55.883 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008800.D

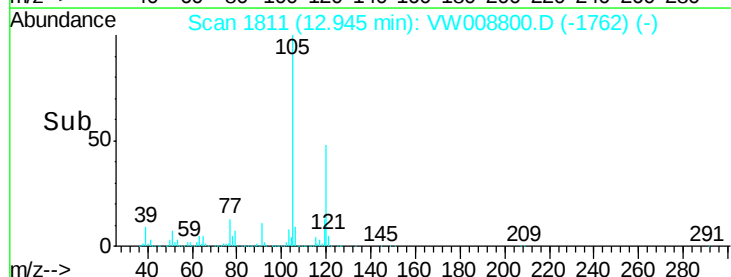
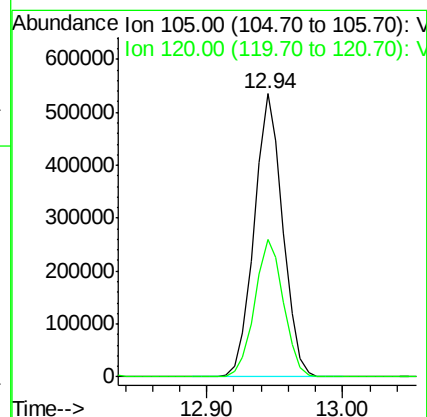
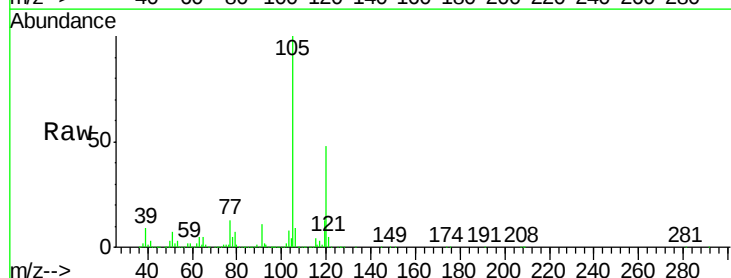
Acq: 25 Feb 2019 11:55

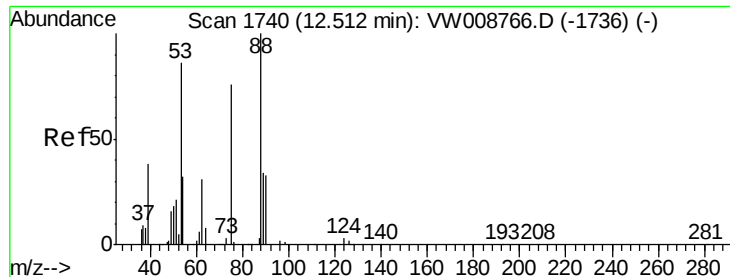
Tgt Ion: 105 Resp: 785184

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.947 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

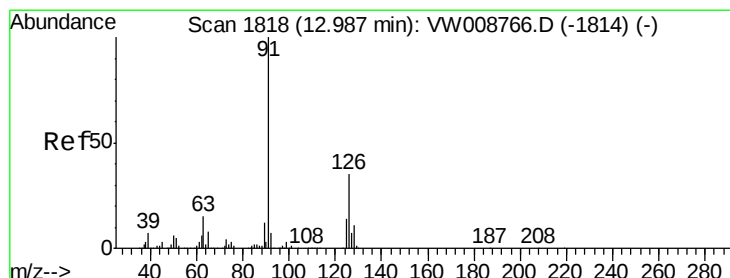
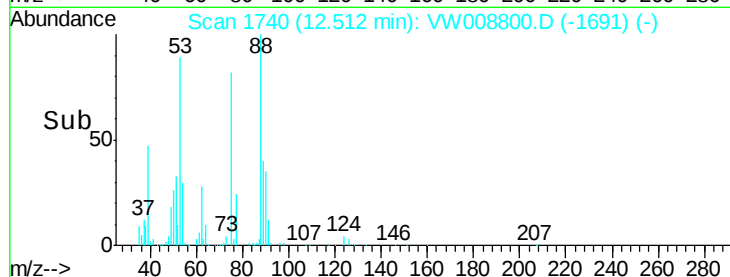
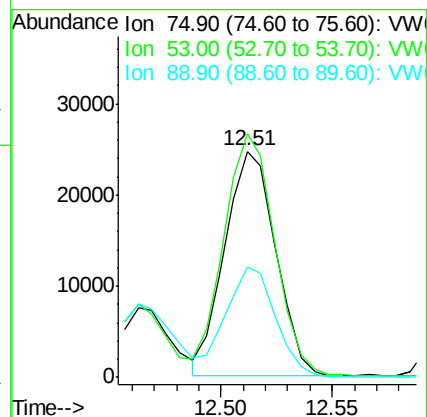
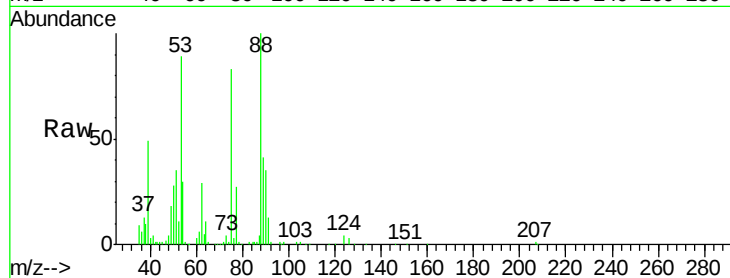
Tot Ion: 75 Resp: 39205

Ion Ratio Lower Upper

75 100

53 109.2 88.2 132.2

89 48.2 39.5 59.3



#82

4-Chlorotoluene

Concen: 54.678 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008800.D

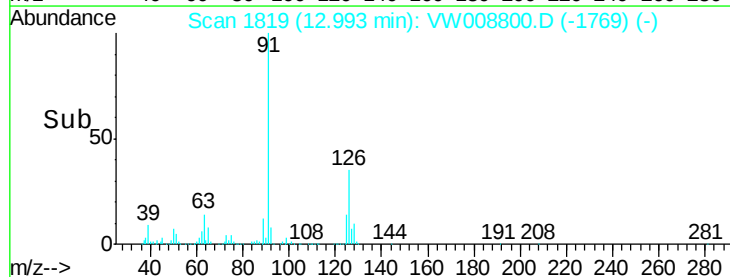
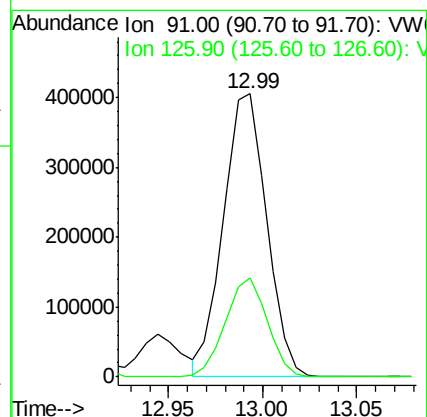
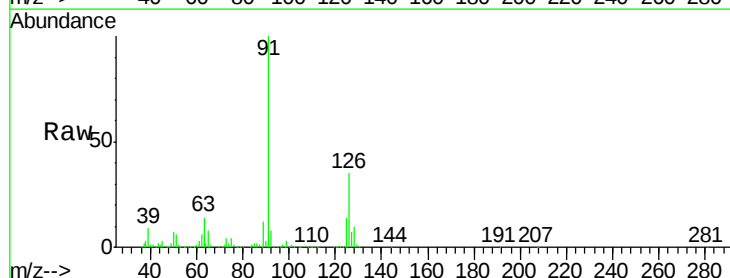
Acq: 25 Feb 2019 11:55

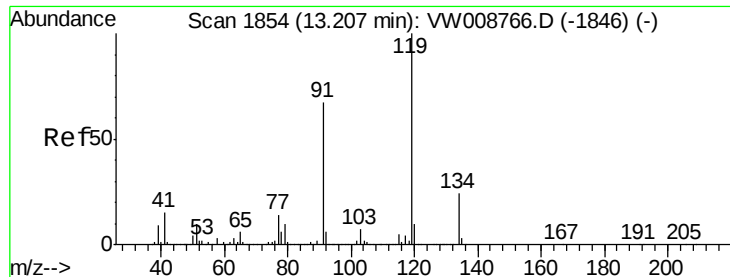
Tgt Ion: 91 Resp: 647007

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6

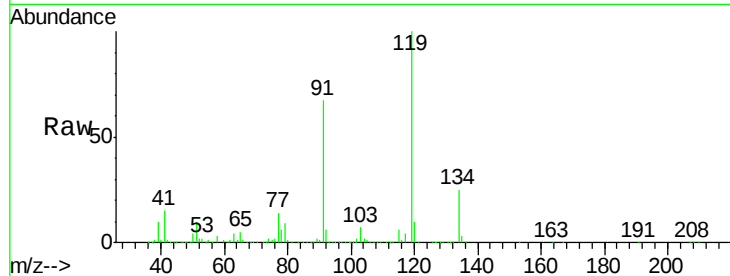




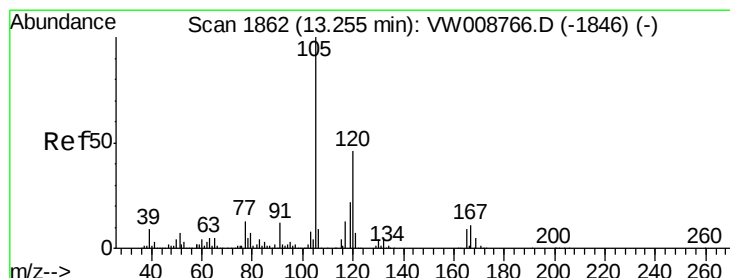
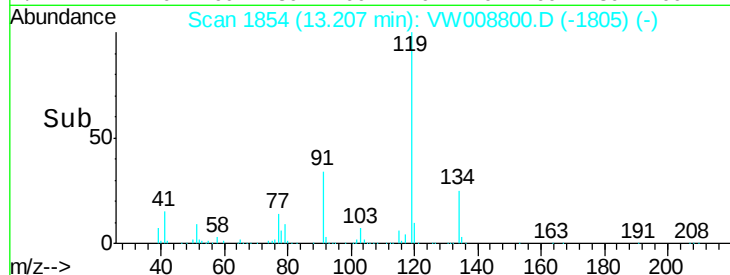
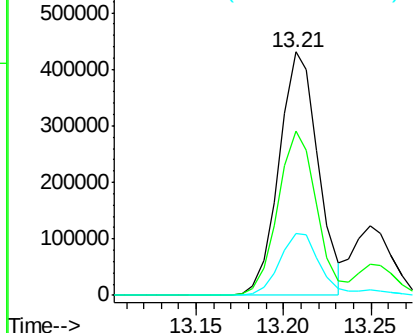
#83
tert-Butylbenzene
Concen: 55.272 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 671493
Ion Ratio Lower Upper
119 100
91 67.4 33.6 100.8
134 27.4 13.7 41.1

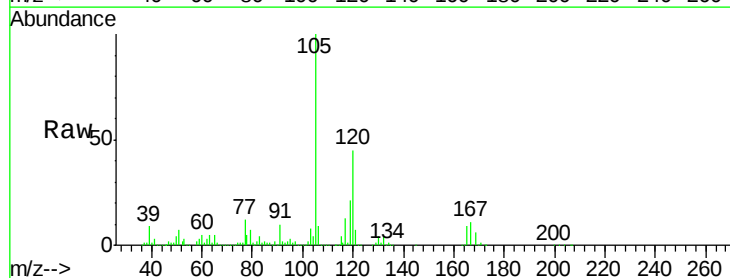


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

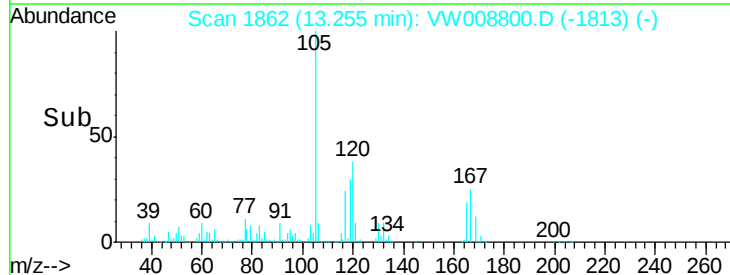
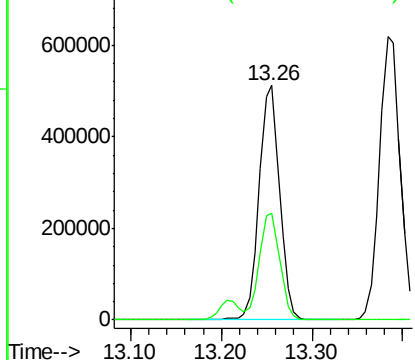


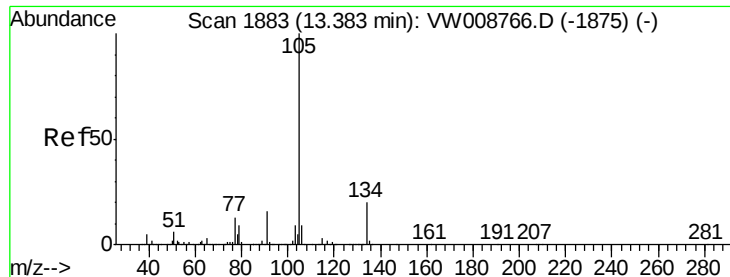
#84
1,2,4-Trimethylbenzene
Concen: 55.173 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion:105 Resp: 802474
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.813 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

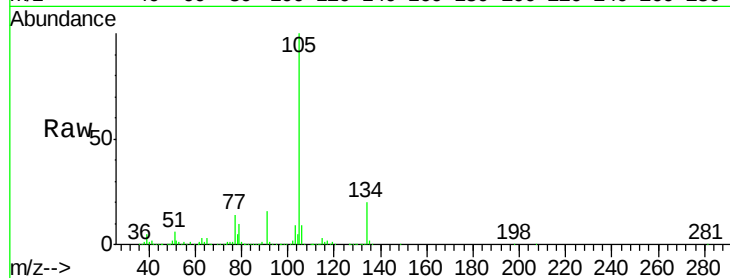
VSTDCCC050

Tot Ion:105 Resp: 975000

Ion Ratio Lower Upper

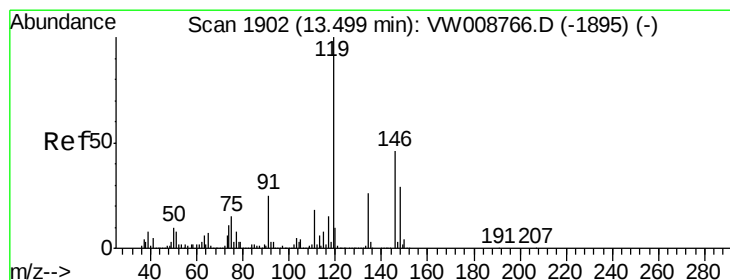
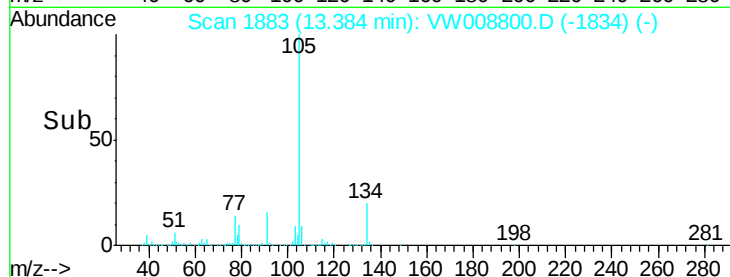
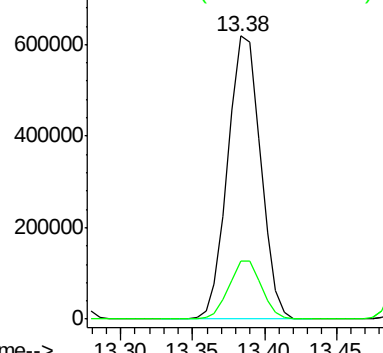
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.555 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

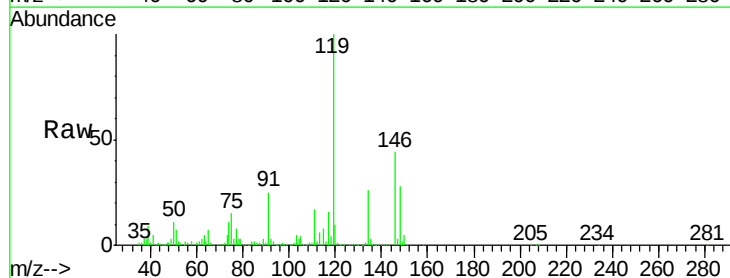
Tgt Ion:119 Resp: 889688

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

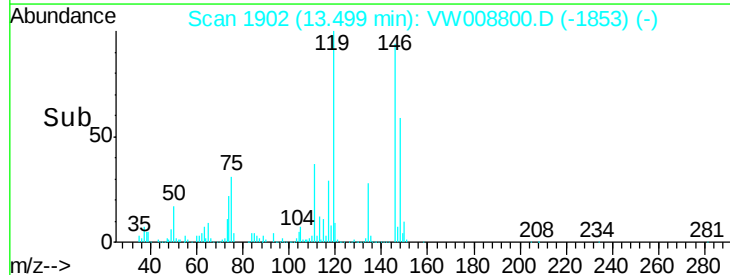
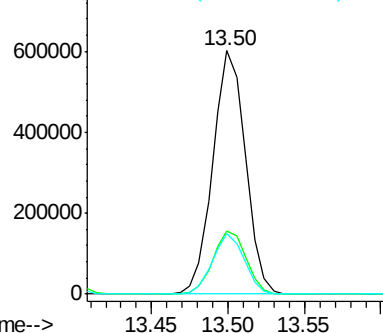
91 24.3 12.1 36.3

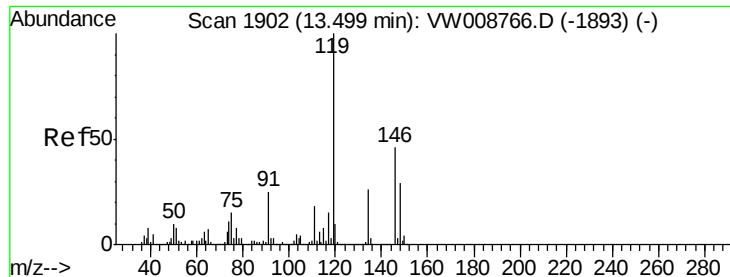


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.261 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

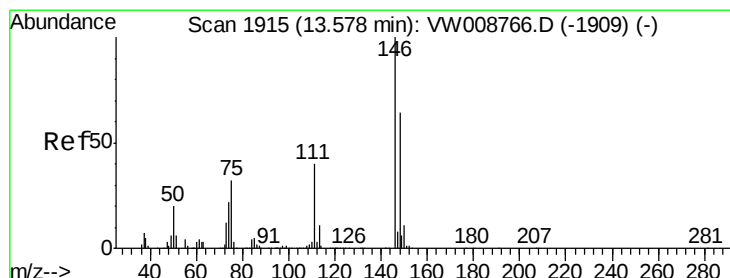
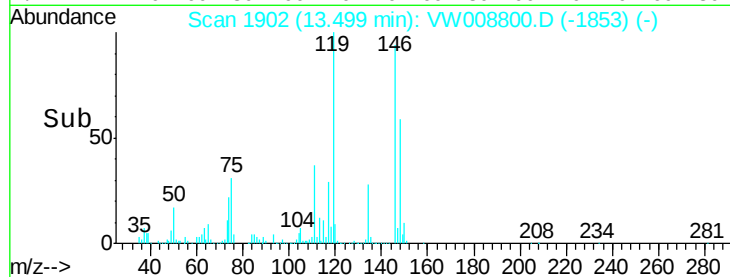
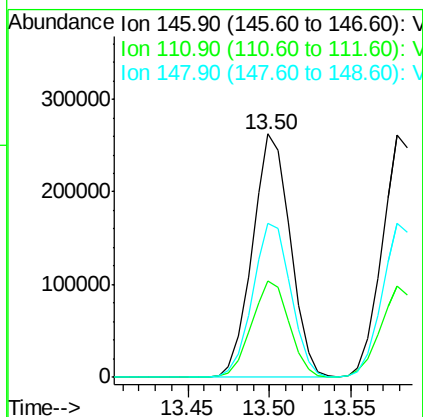
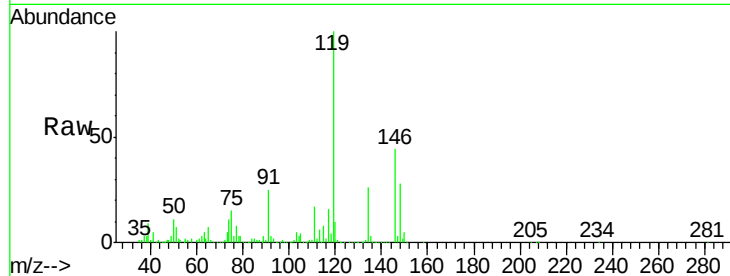
Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 422202

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.9	59.7
148	63.9	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 53.285 ug/l

RT: 13.58 min Scan# 1915

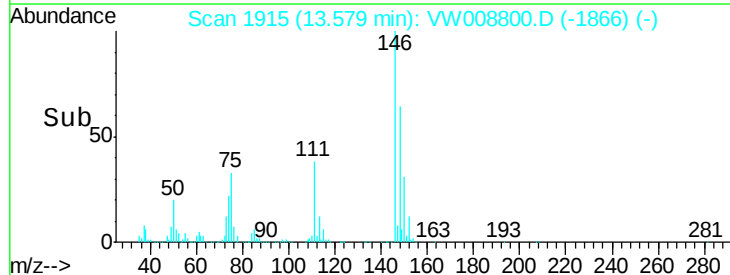
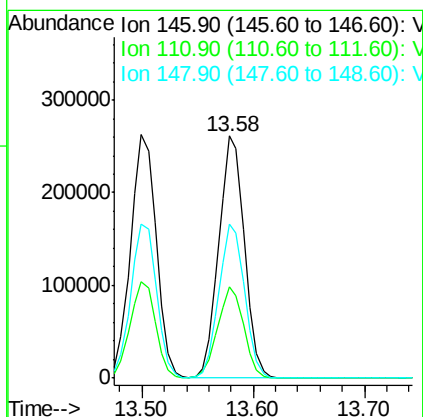
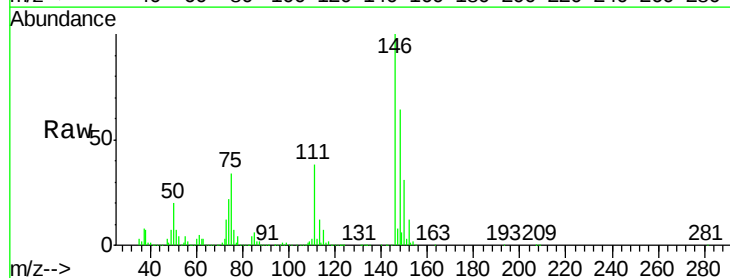
Delta R.T. 0.00 min

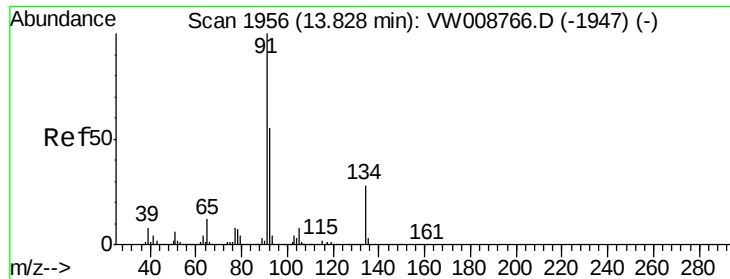
Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Tgt Ion:146 Resp: 416306

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	63.7	31.9	95.9





#89

n-Butylbenzene

Concen: 57.132 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

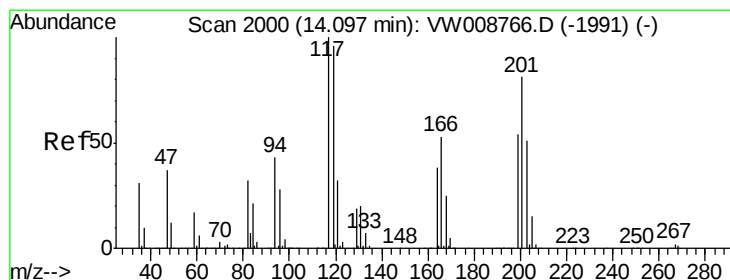
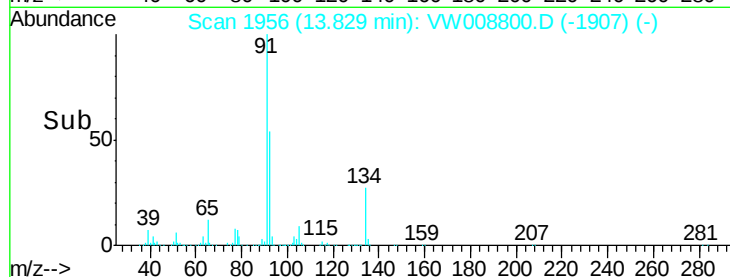
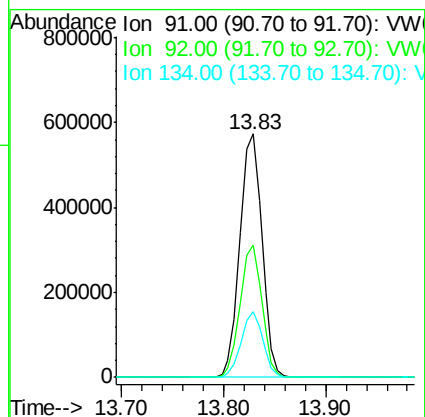
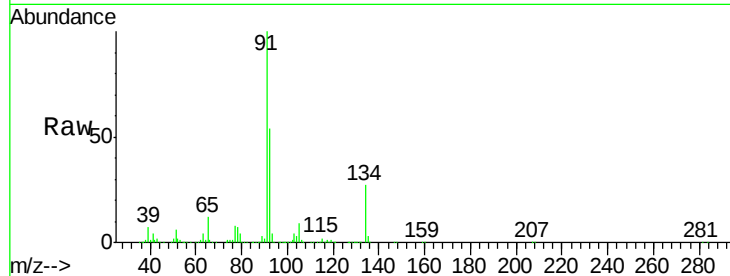
Tot Ion: 91 Resp: 857148

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.4

134 26.5 13.5 40.4



#90

Hexachloroethane

Concen: 56.161 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008800.D

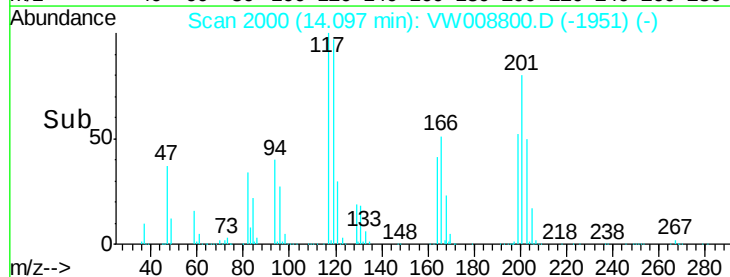
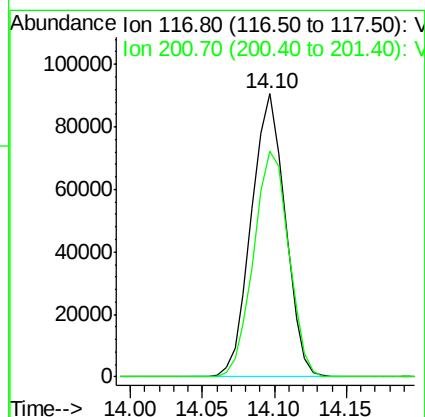
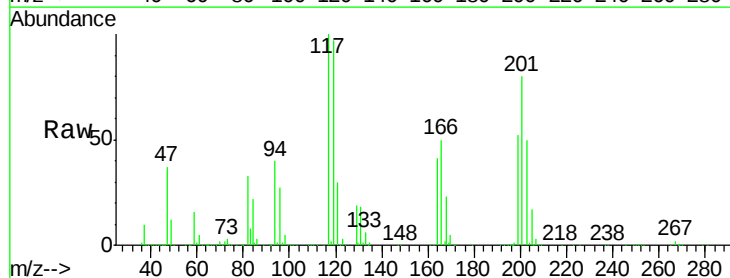
Acq: 25 Feb 2019 11:55

Tgt Ion: 117 Resp: 147235

Ion Ratio Lower Upper

117 100

201 82.6 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 52.151 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

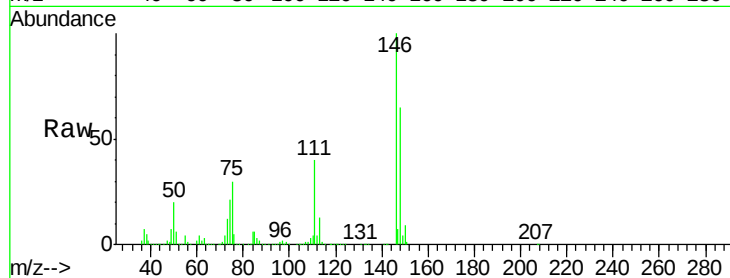
Tot Ion:146 Resp: 368352

Ion Ratio Lower Upper

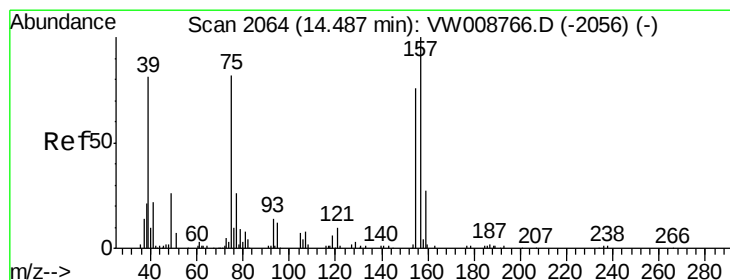
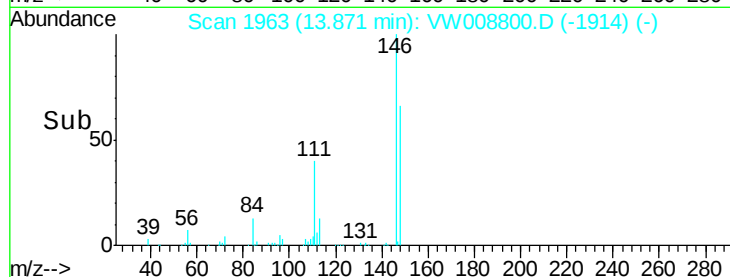
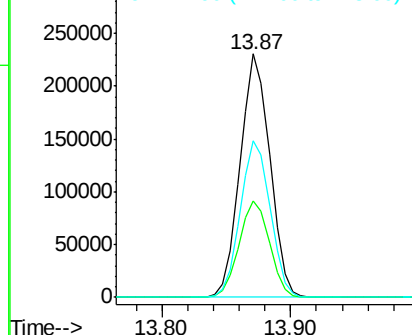
146 100

111 40.8 20.3 60.8

148 64.7 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.762 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008800.D

Acq: 25 Feb 2019 11:55

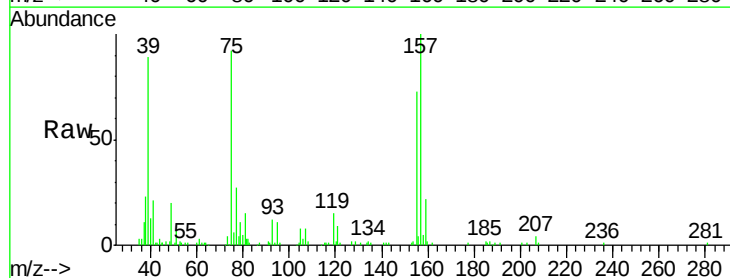
Tgt Ion: 75 Resp: 23303

Ion Ratio Lower Upper

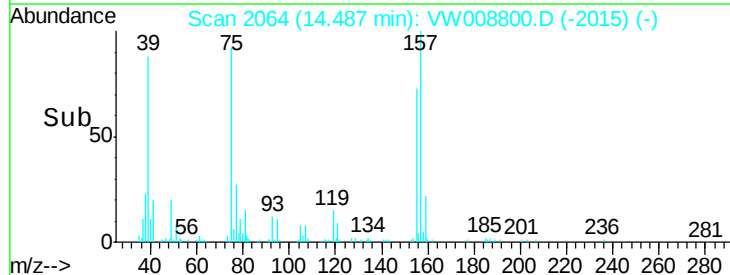
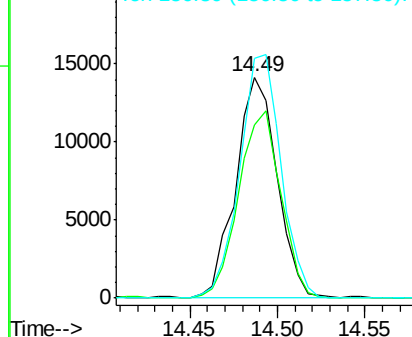
75 100

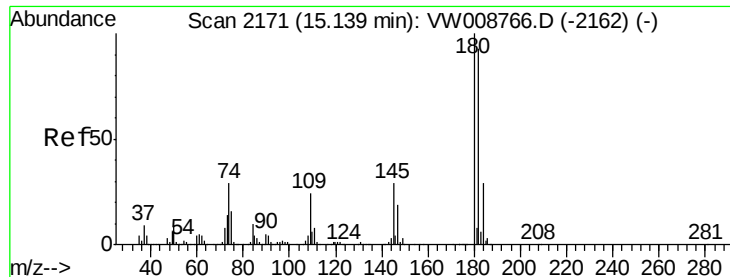
155 86.2 41.8 125.4

157 109.9 56.6 169.9



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

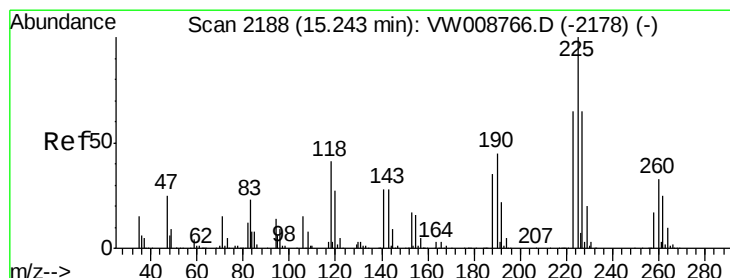
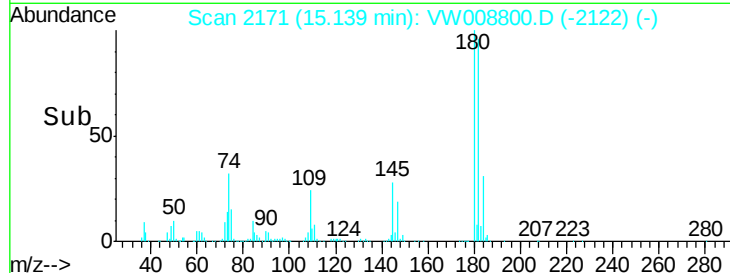
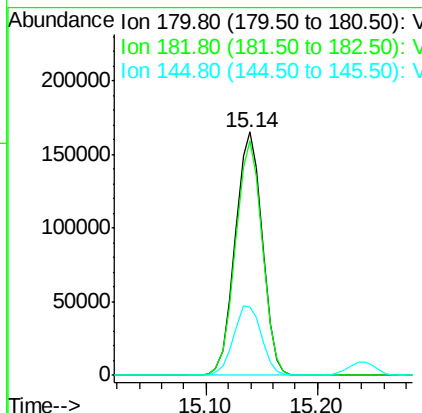
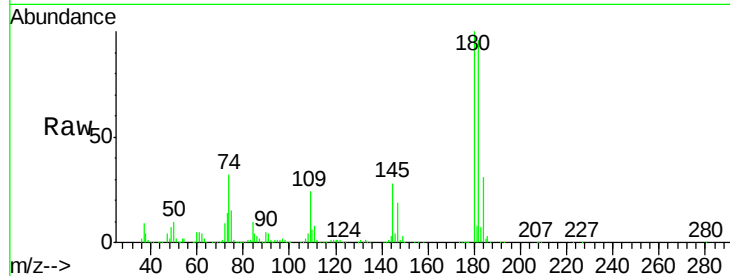




#93
 1,2,4-Trichlorobenzene
 Concen: 54.582 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

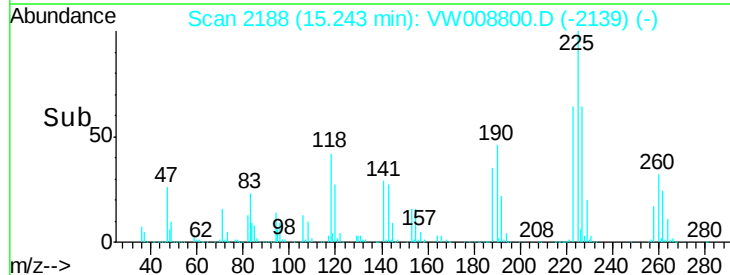
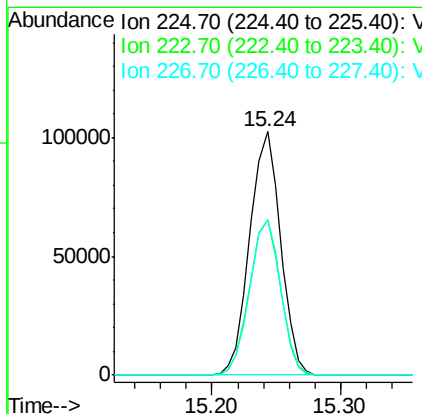
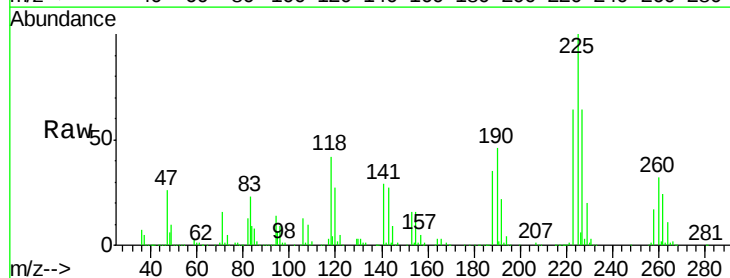
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

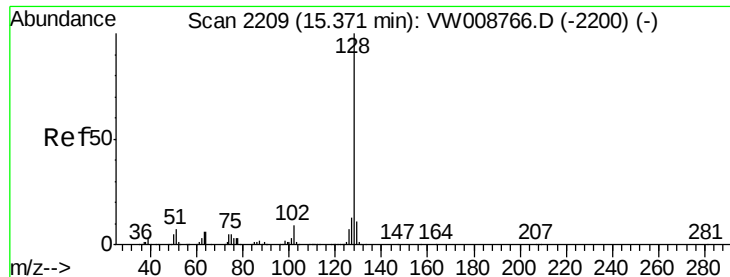
Tot Ion:180 Resp: 277778
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.2 141.6
 145 29.4 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 56.397 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008800.D
 Acq: 25 Feb 2019 11:55

Tgt Ion:225 Resp: 169059
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.5 94.5
 227 64.2 31.6 94.8

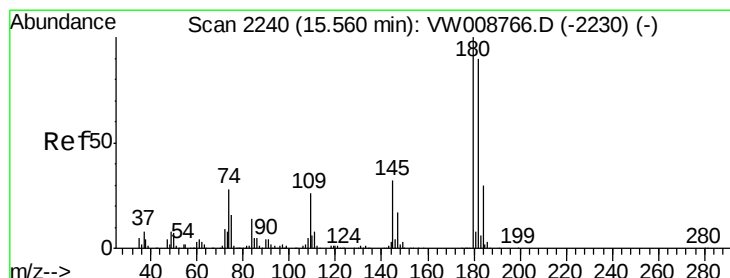
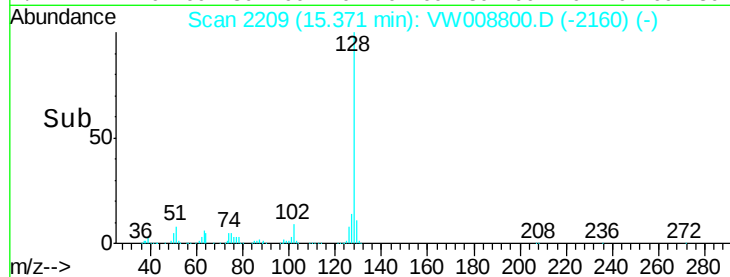
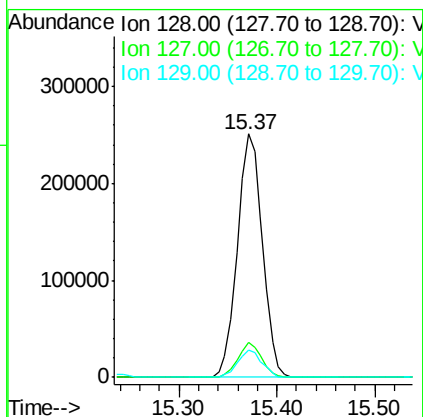
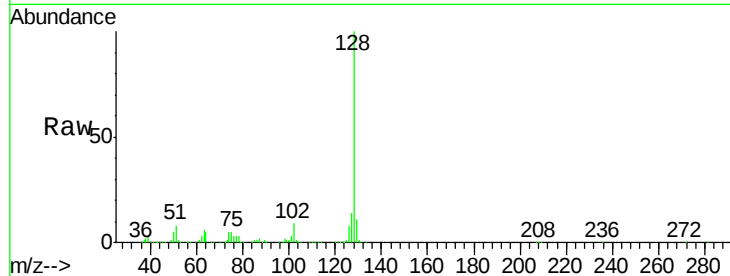




#95
Naphthalene
Concen: 51.286 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 444386
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.570 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008800.D
Acq: 25 Feb 2019 11:55

Tgt Ion:180 Resp: 235717
Ion Ratio Lower Upper
180 100
182 97.1 46.9 140.8
145 31.7 15.9 47.6

