

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012119\
 Data File : VW008366.D
 Acq On : 21 Jan 2019 10:50
 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: Jan 22 03:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	235739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	103918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	68726	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	7.88	113	70224	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	10.32	98	297845	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.62	95	98704	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46863	50.796	ug/l	96
3) Chloromethane	2.21	50	61583	45.537	ug/l	99
4) Vinyl Chloride	2.37	62	95355	55.183	ug/l	90
5) Bromomethane	2.78	94	68769	52.515	ug/l	91
6) Chloroethane	2.93	64	59933	52.990	ug/l	98
7) Trichlorofluoromethane	3.26	101	81172	63.978	ug/l	98
8) Diethyl Ether	3.68	74	38011	43.204	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	80750	54.667	ug/l	95
10) Methyl Iodide	4.27	142	117807	49.451	ug/l	99
11) Tert butyl alcohol	5.20	59	20238	197.351	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	76701	51.054	ug/l	91
13) Acrolein	3.89	56	27819	261.585	ug/l	90
14) Allyl chloride	4.67	41	134623	53.601	ug/l	99
15) Acrylonitrile	5.37	53	76145	225.305	ug/l	99
16) Acetone	4.13	43	86360	244.154	ug/l	99
17) Carbon Disulfide	4.37	76	252236	55.176	ug/l	98
18) Methyl Acetate	4.67	43	39962	42.295	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	108525	47.190	ug/l	100
20) Methylene Chloride	4.91	84	84123	51.353	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	87410	51.803	ug/l	97
22) Diisopropyl ether	6.31	45	247820	50.540	ug/l	99
23) Vinyl Acetate	6.26	43	657083	250.691	ug/l	99
24) 1,1-Dichloroethane	6.21	63	152053	50.929	ug/l	99
25) 2-Butanone	7.17	43	106743	235.618	ug/l	98
26) 2,2-Dichloropropane	7.17	77	104684	54.944	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	91292	49.937	ug/l	97
28) Bromochloromethane	7.51	49	60902	49.512	ug/l #	98
29) Tetrahydrofuran	7.53	42	64348	227.838	ug/l	98
30) Chloroform	7.68	83	147559	49.953	ug/l	97
31) Cyclohexane	7.96	56	153895	54.100	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	131709	53.127	ug/l	99
36) 1,1-Dichloropropene	8.08	75	126913	53.511	ug/l	99
37) Ethyl Acetate	7.26	43	41939	42.880	ug/l	99
38) Carbon Tetrachloride	8.07	117	123490	52.729	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	166319	58.954	ug/l	96
40) Benzene	8.32	78	347803	51.769	ug/l	100
41) Methacrylonitrile	7.49	41	24564	43.143	ug/l	96
42) 1,2-Dichloroethane	8.40	62	89139	47.449	ug/l	100
43) Isopropyl Acetate	8.43	43	80840	43.757	ug/l	98
44) Trichloroethene	9.09	130	92808	50.421	ug/l	91
45) 1,2-Dichloropropane	9.37	63	84581	50.683	ug/l	98
46) Dibromomethane	9.46	93	40448	46.504	ug/l	96
47) Bromodichloromethane	9.65	83	106872	49.813	ug/l	96
48) Methyl methacrylate	9.43	41	42697	49.094	ug/l	93
49) 1,4-Dioxane	9.46	88	12870	919.171	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	213253	227.962	ug/l	99
52) Toluene	10.39	92	225780	53.104	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	105096	49.080	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	128163	50.773	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	56243	46.621	ug/l	96
56) Ethyl methacrylate	10.65	69	65085	45.938	ug/l	98
57) 1,3-Dichloropropane	10.93	76	100105	47.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	162291	237.476	ug/l	100
59) 2-Hexanone	10.97	43	163818	249.931	ug/l	97
60) Dibromochloromethane	11.13	129	69225	48.080	ug/l	99
61) 1,2-Dibromoethane	11.24	107	54277	46.462	ug/l	99
64) Tetrachloroethene	10.87	164	79691	54.135	ug/l	97
65) Chlorobenzene	11.66	112	240962	52.620	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	80937	51.354	ug/l	98
67) Ethyl Benzene	11.73	91	436049	54.841	ug/l	99
68) m/p-Xylenes	11.84	106	338399	109.649	ug/l	99
69) o-Xylene	12.17	106	157667	54.683	ug/l	99
70) Styrene	12.18	104	249651	53.904	ug/l	99
71) Bromoform	12.35	173	38150	48.590	ug/l #	97
73) Isopropylbenzene	12.47	105	437664	57.802	ug/l	100
74) N-amyl acetate	12.27	43	76748	47.298	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	61540	47.783	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	83249	87.970	ug/l	34
77) Bromobenzene	12.75	156	92597	50.913	ug/l	95
78) n-propylbenzene	12.81	91	530293	57.863	ug/l	100
79) 2-Chlorotoluene	12.90	91	280828	53.631	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	354589	56.120	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	19772	49.860	ug/l	97
82) 4-Chlorotoluene	12.99	91	298334	54.522	ug/l	99
83) tert-Butylbenzene	13.21	119	318992	57.361	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	362926	56.385	ug/l	99
85) sec-Butylbenzene	13.39	105	468794	58.712	ug/l	99
86) p-Isopropyltoluene	13.51	119	410128	58.810	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	193422	53.526	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	189855	52.442	ug/l	99
89) n-Butylbenzene	13.83	91	393233	58.784	ug/l	100
90) Hexachloroethane	14.10	117	71972	55.767	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	165189	51.776	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9642	45.785	ug/l	95

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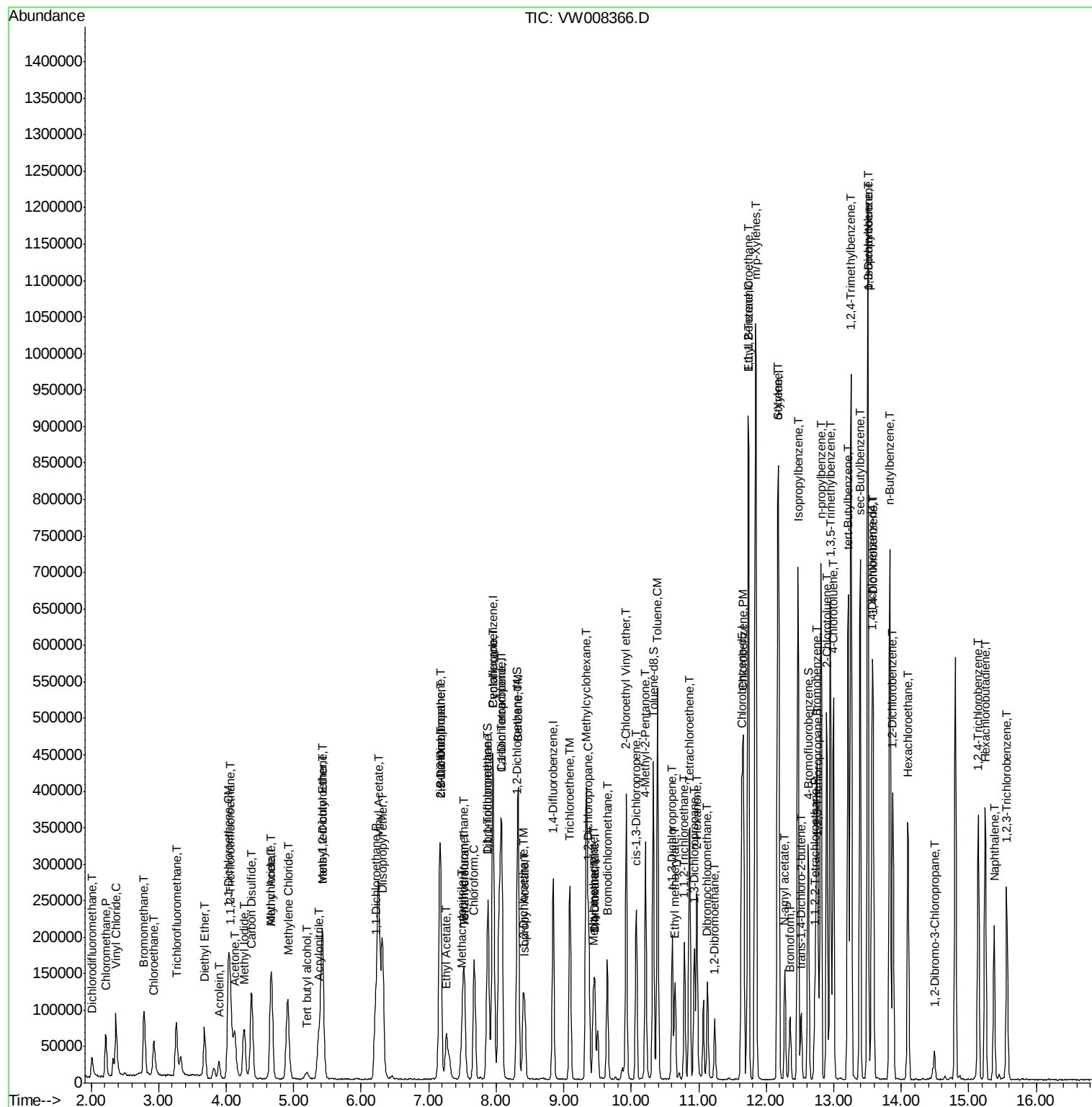
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	109720	50.802	ug/l	98
94) Hexachlorobutadiene	15.24	225	65647	53.933	ug/l	96
95) Naphthalene	15.38	128	182880	46.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	91770	48.783	ug/l	100

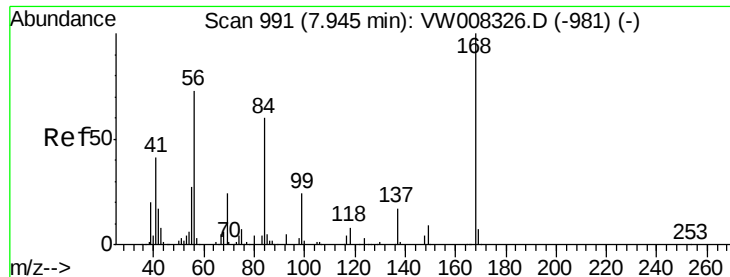
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

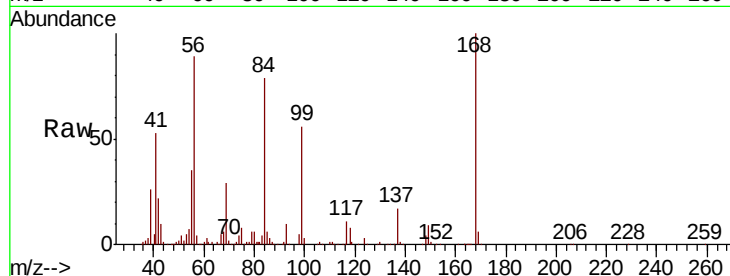
VSTDCCC050

Tgt Ion:168 Resp: 146416

Ion Ratio Lower Upper

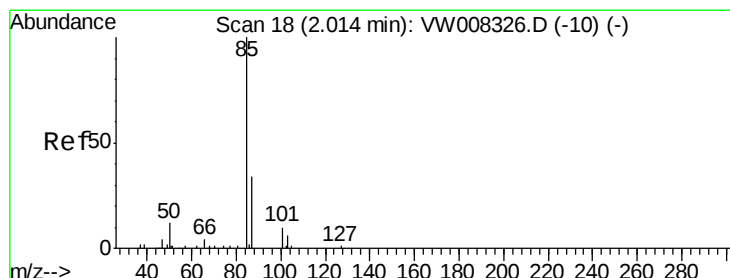
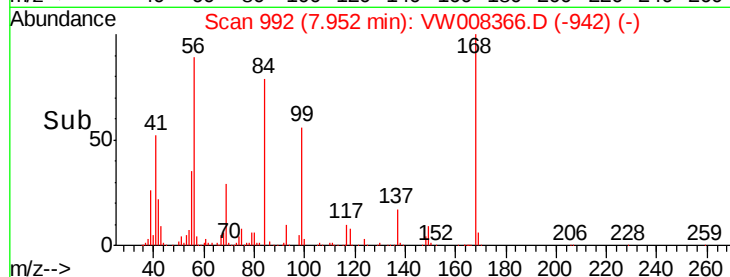
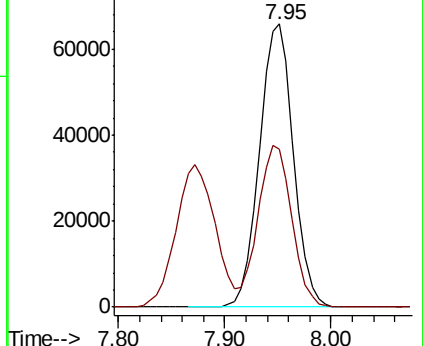
168 100

99 55.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 50.796 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008366.D

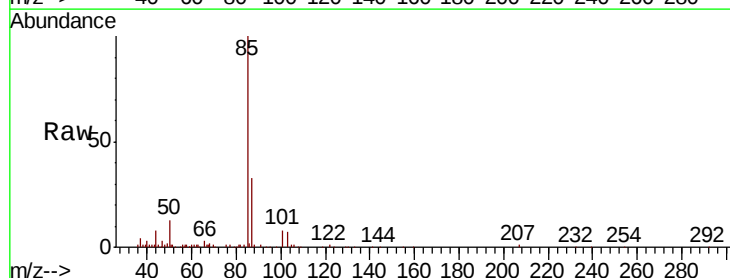
Acq: 21 Jan 2019 10:50

Tgt Ion: 85 Resp: 46863

Ion Ratio Lower Upper

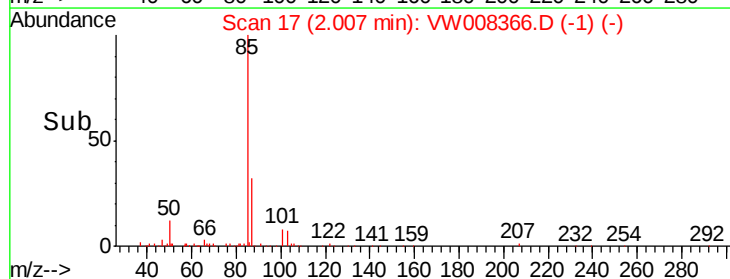
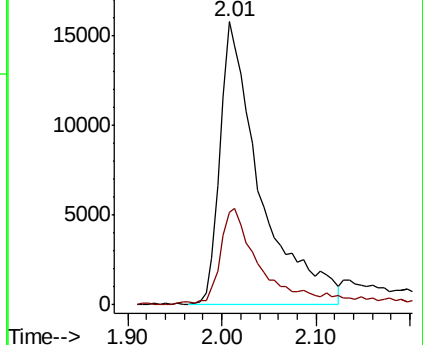
85 100

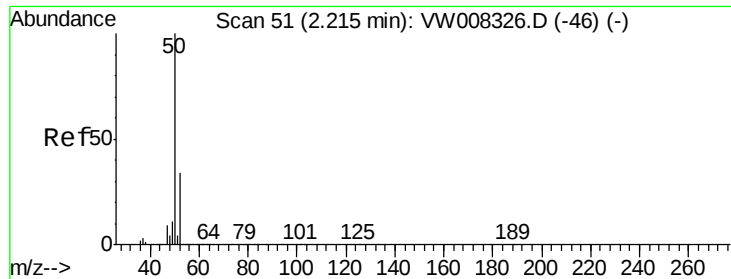
87 31.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.537 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

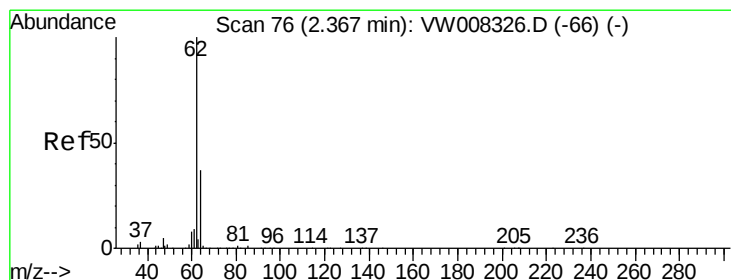
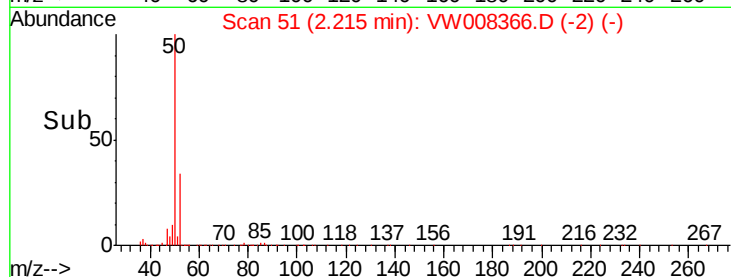
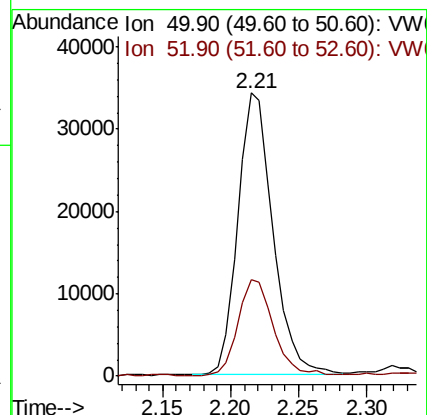
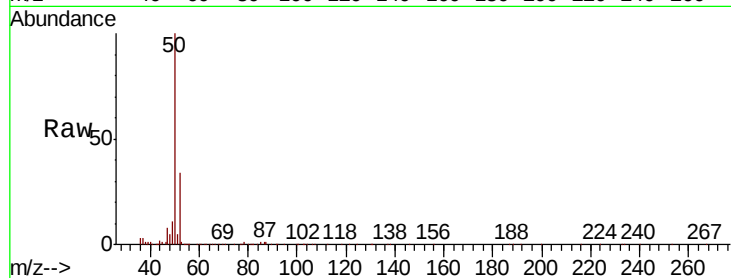
VSTDCCC050

Tgt Ion: 50 Resp: 61583

Ion Ratio Lower Upper

50 100

52 34.1 26.7 40.1



#4

Vinyl Chloride

Concen: 55.183 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008366.D

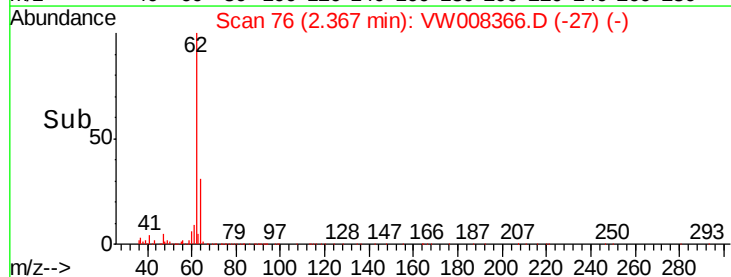
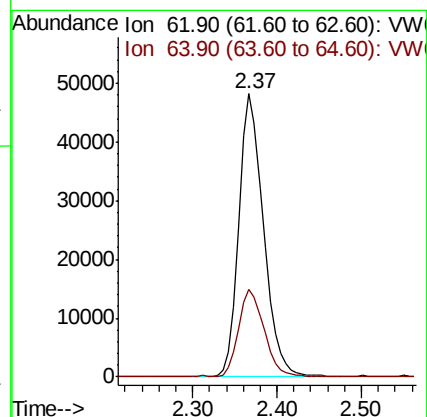
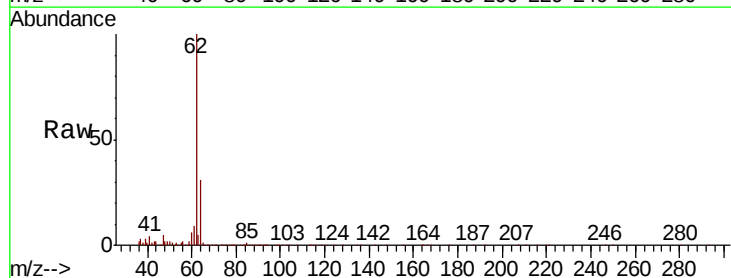
Acq: 21 Jan 2019 10:50

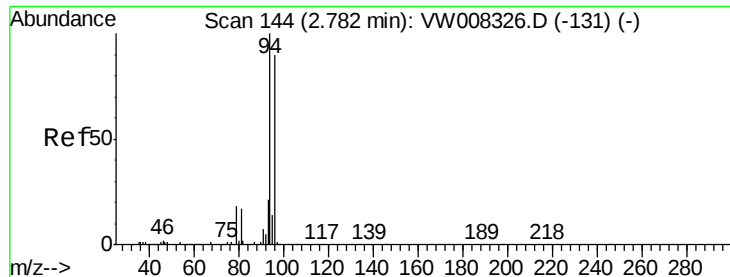
Tgt Ion: 62 Resp: 95355

Ion Ratio Lower Upper

62 100

64 30.6 29.4 44.2





#5

Bromomethane

Concen: 52.515 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

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ClientSampleId :

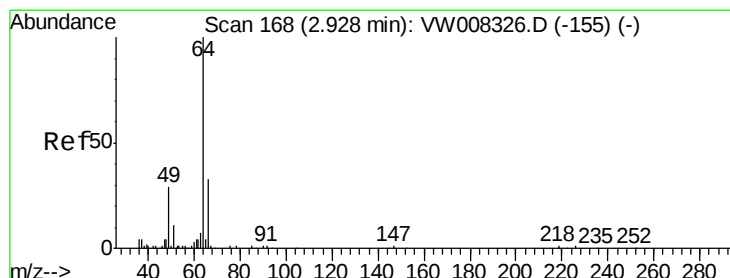
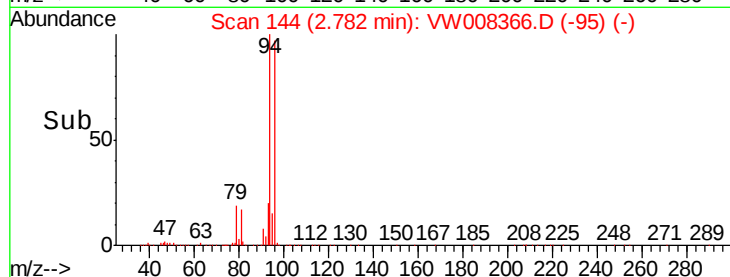
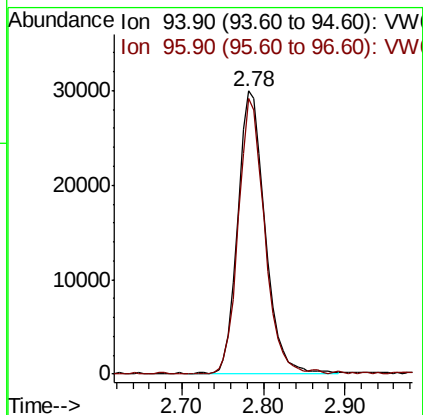
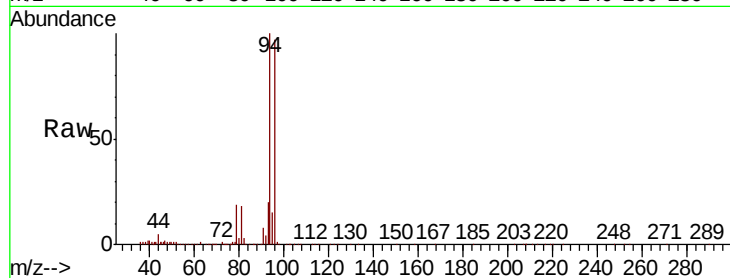
VSTDCCC050

Tgt Ion: 94 Resp: 68769

Ion Ratio Lower Upper

94 100

96 97.3 71.4 107.0



#6

Chloroethane

Concen: 52.990 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008366.D

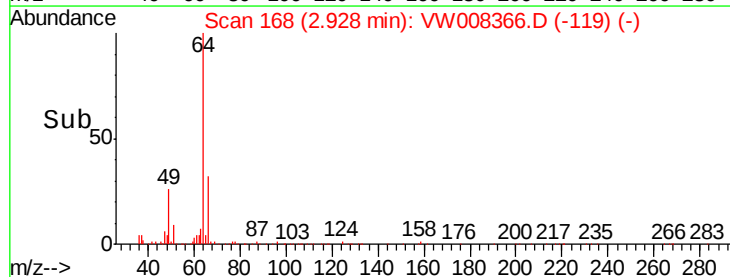
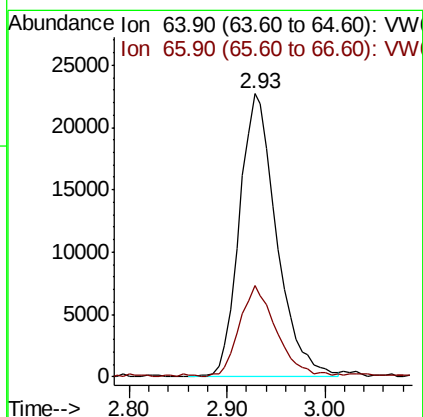
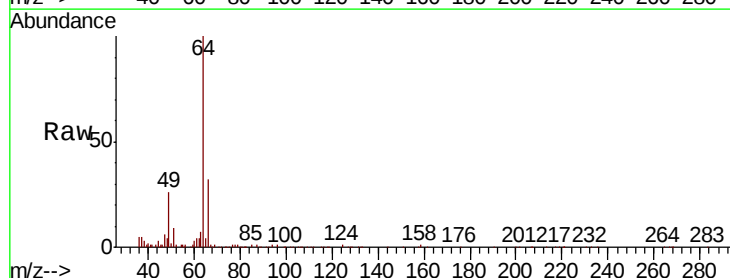
Acq: 21 Jan 2019 10:50

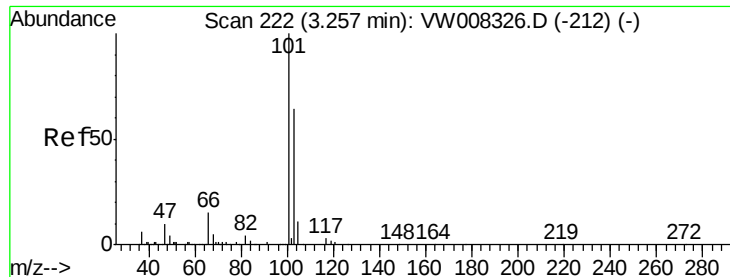
Tgt Ion: 64 Resp: 59933

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.4



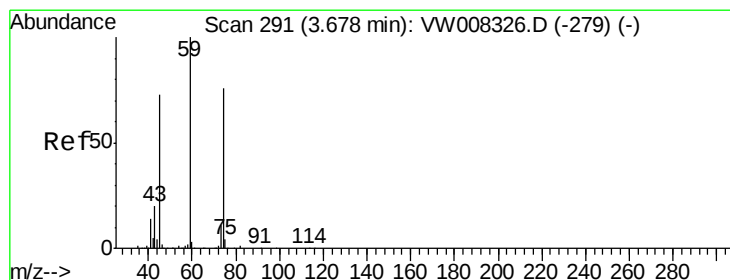
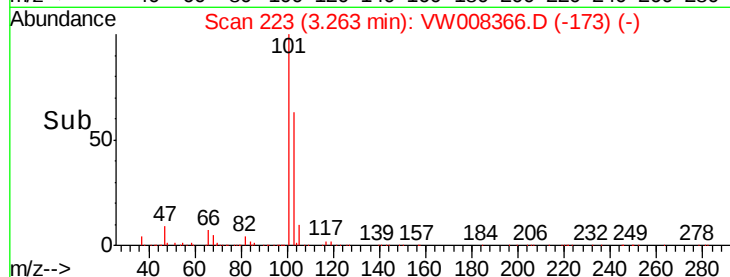
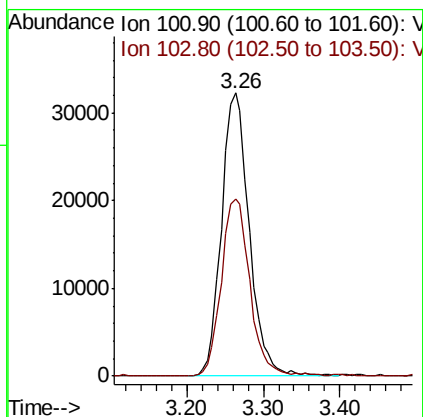
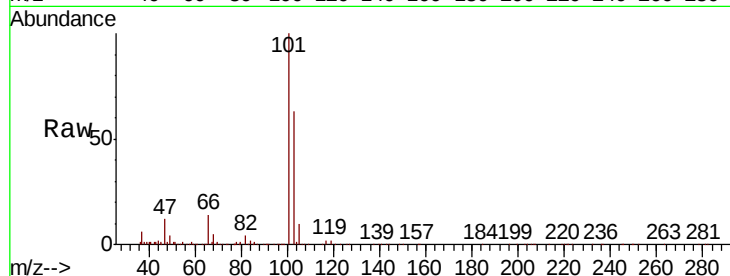


#7

Trichlorofluoromethane
 Concen: 63.978 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Instrument :
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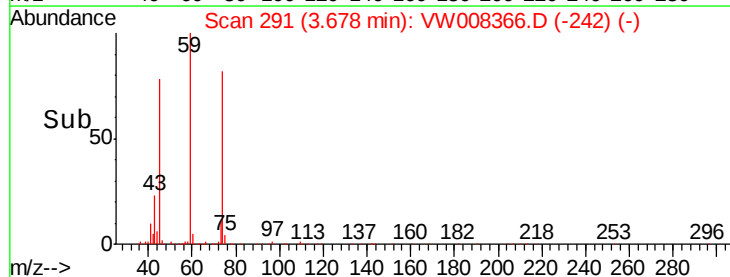
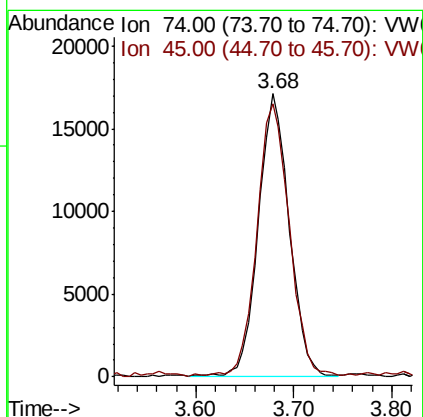
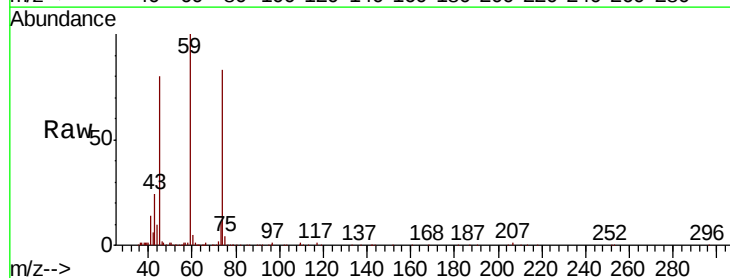
Tgt Ion:101 Resp: 81172
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.9 76.3

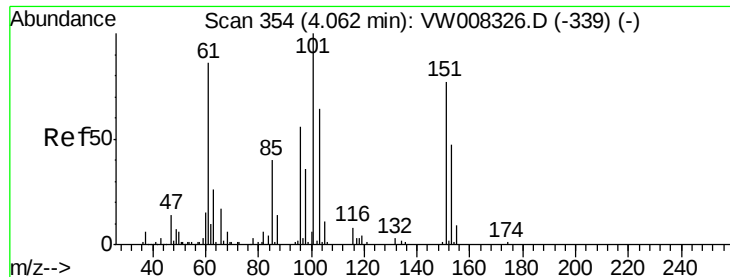


#8

Diethyl Ether
 Concen: 43.204 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Tgt Ion: 74 Resp: 38011
 Ion Ratio Lower Upper
 74 100
 45 101.9 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.667 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

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VSTDCCC050

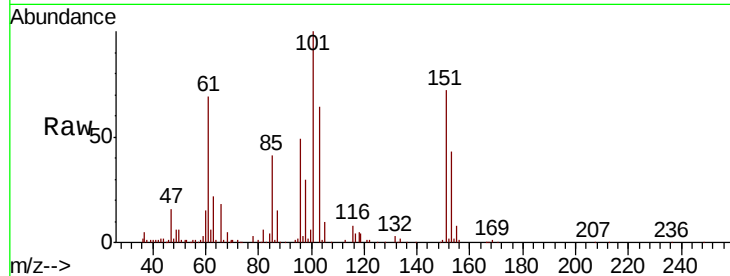
Tgt Ion:101 Resp: 80750

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

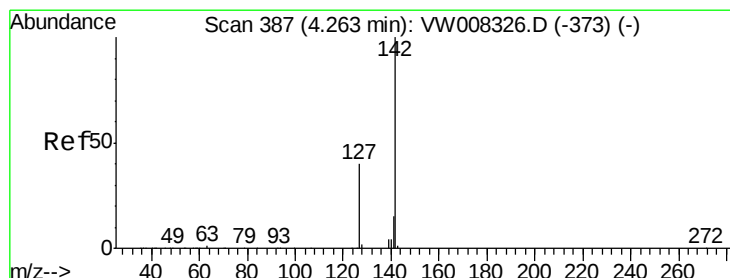
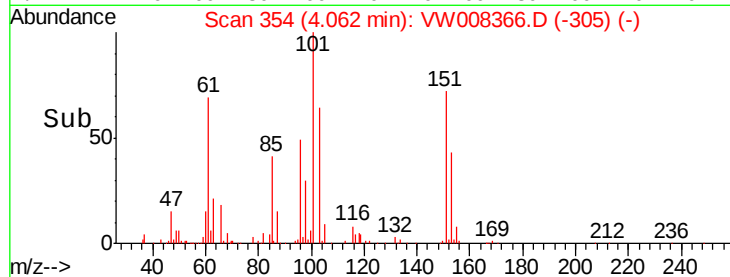
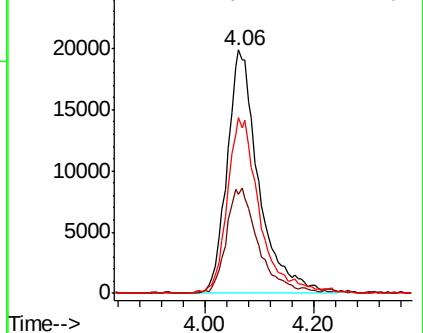
151 72.8 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.451 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

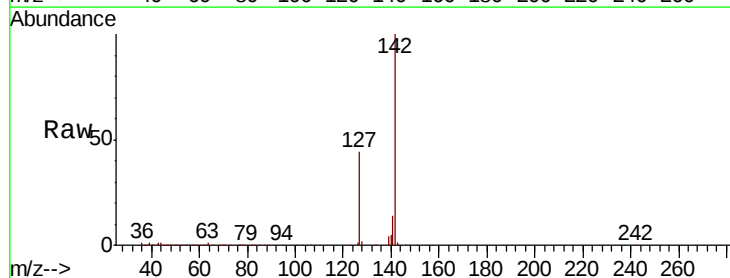
Tgt Ion:142 Resp: 117807

Ion Ratio Lower Upper

142 100

127 44.0 34.3 51.5

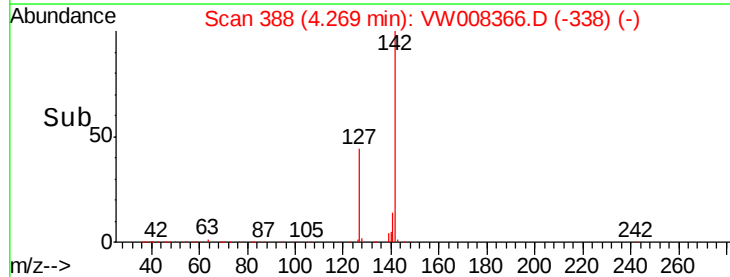
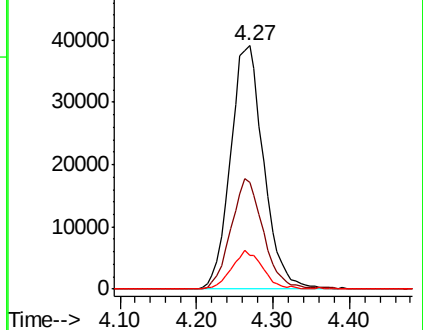
141 14.8 12.2 18.2

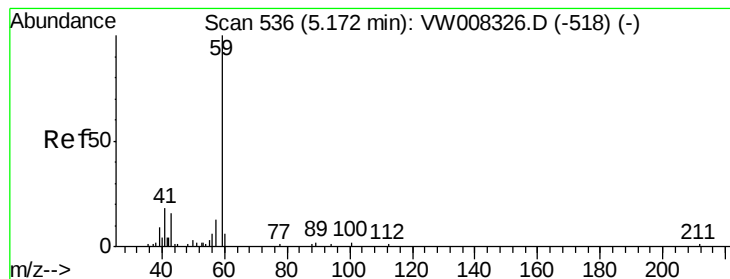


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



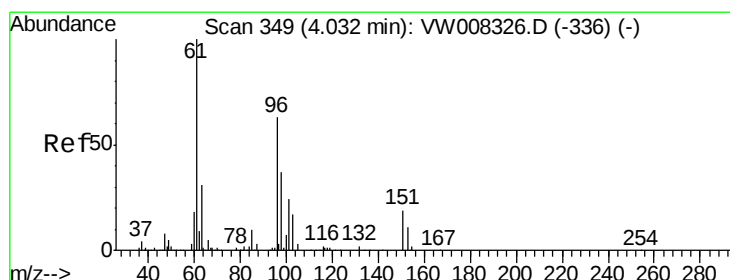
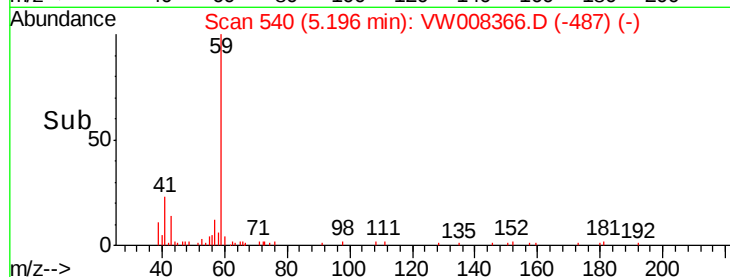
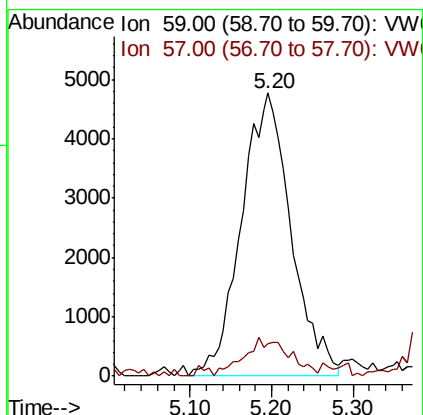
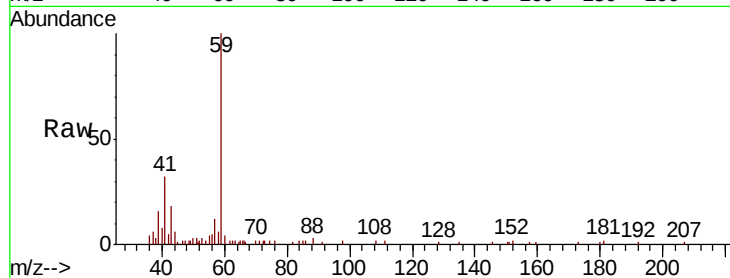


#11

Tert butyl alcohol
Concen: 197.351 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

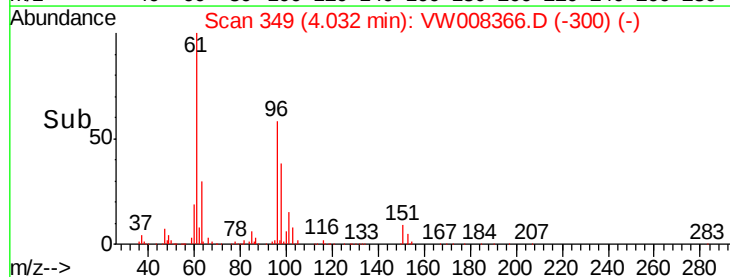
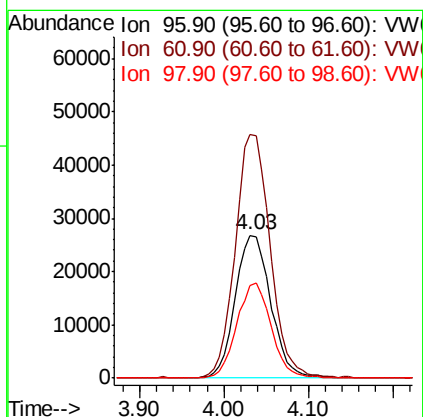
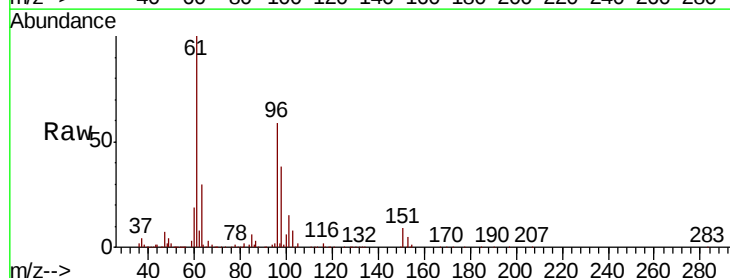
Tgt Ion: 59 Resp: 20238
Ion Ratio Lower Upper
59 100
57 5.7 9.4 14.2#

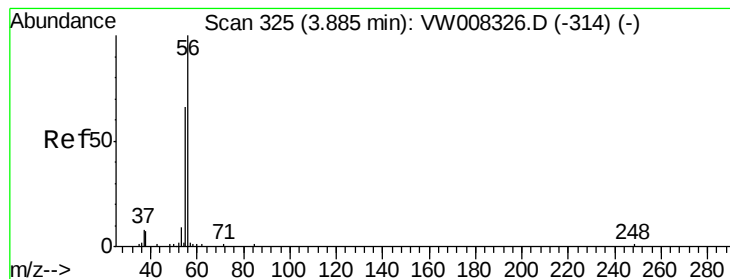


#12

1,1-Dichloroethene
Concen: 51.054 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion: 96 Resp: 76701
Ion Ratio Lower Upper
96 100
61 169.9 126.4 189.6
98 64.7 46.7 70.1





#13

Acrolein

Concen: 261.585 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

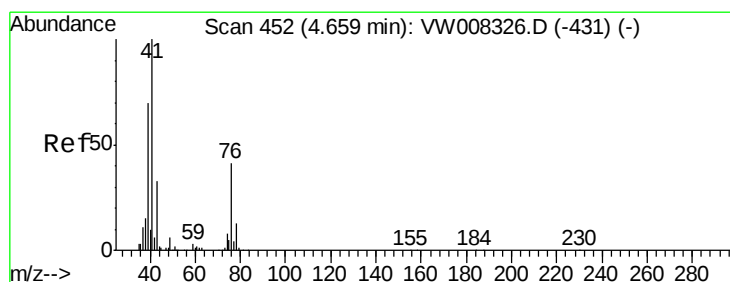
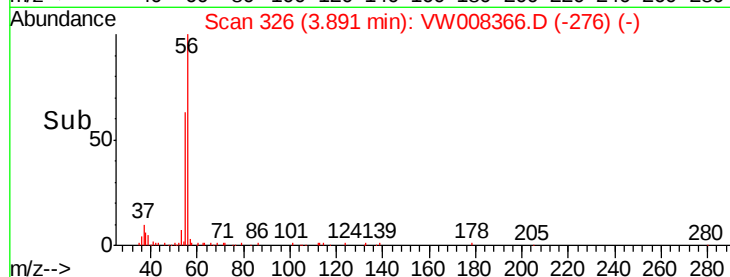
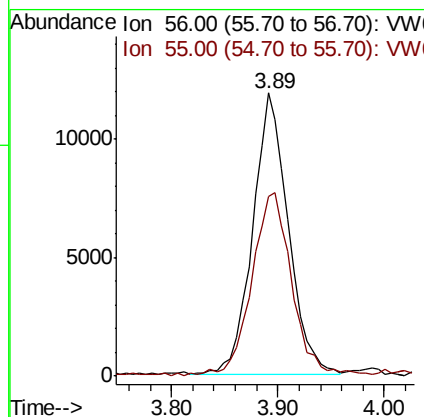
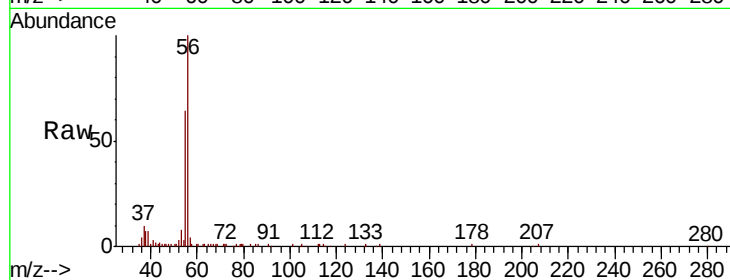
VSTDCCC050

Tgt Ion: 56 Resp: 27819

Ion Ratio Lower Upper

56 100

55 73.9 52.9 79.3



#14

Allyl chloride

Concen: 53.601 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

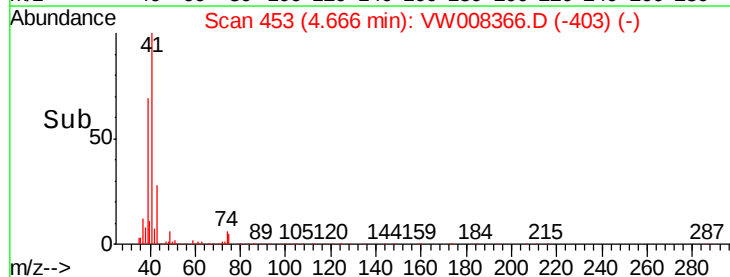
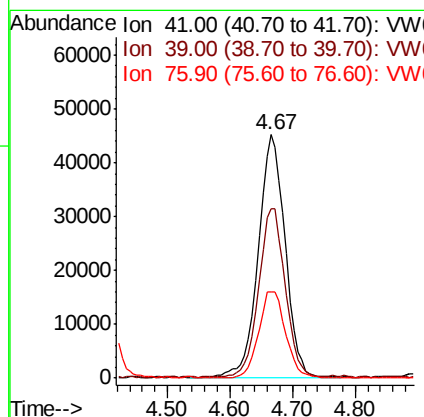
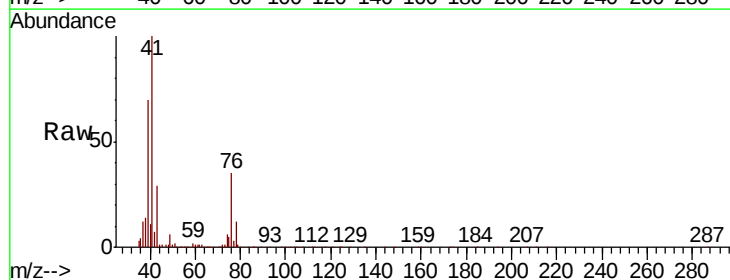
Tgt Ion: 41 Resp: 134623

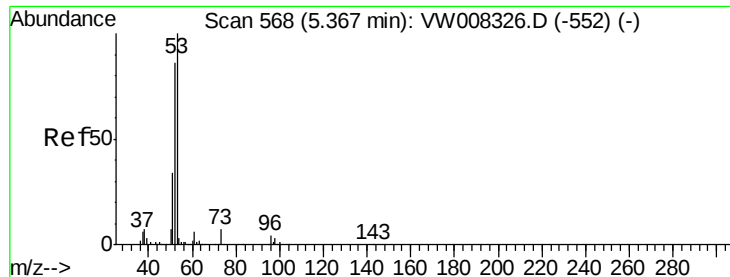
Ion Ratio Lower Upper

41 100

39 67.7 54.1 81.1

76 34.9 29.5 44.3





#15

Acrylonitrile

Concen: 225.305 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

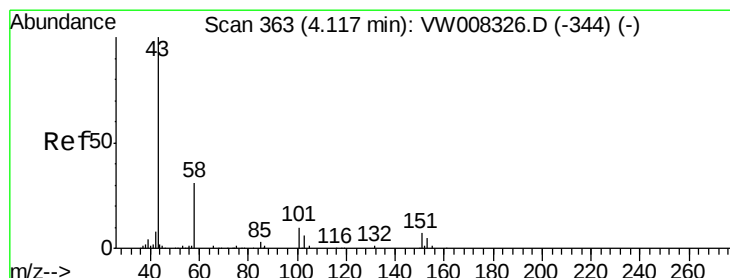
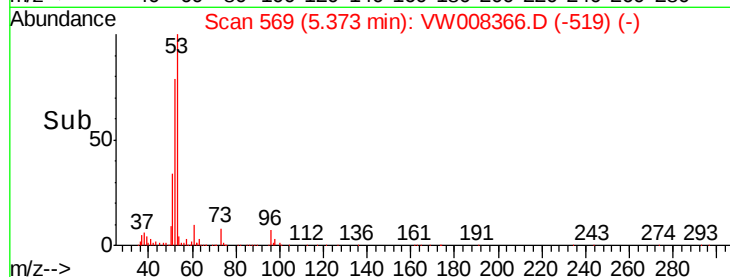
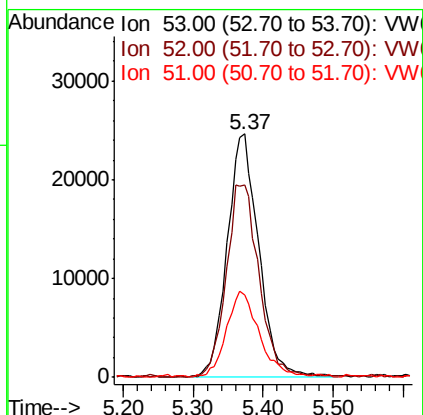
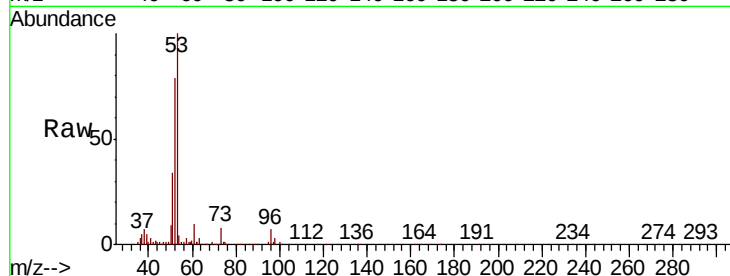
Tgt Ion: 53 Resp: 76145

Ion Ratio Lower Upper

53 100

52 84.0 66.4 99.6

51 36.3 29.6 44.4



#16

Acetone

Concen: 244.154 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008366.D

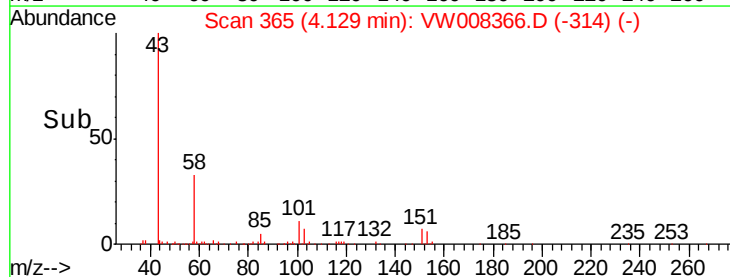
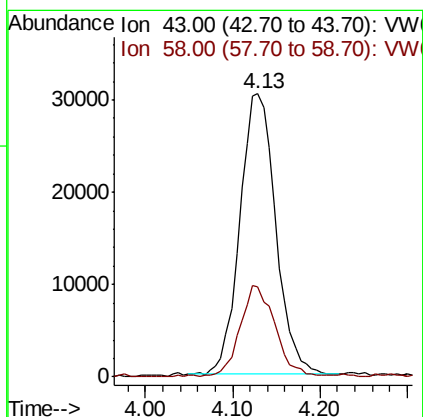
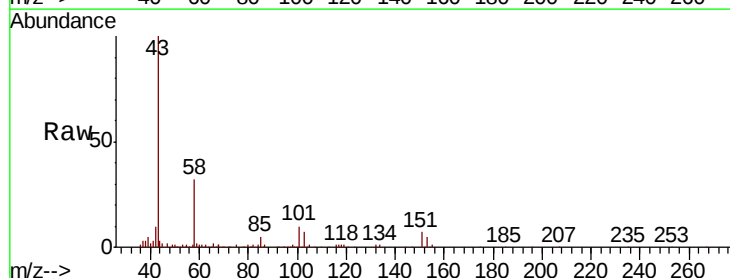
Acq: 21 Jan 2019 10:50

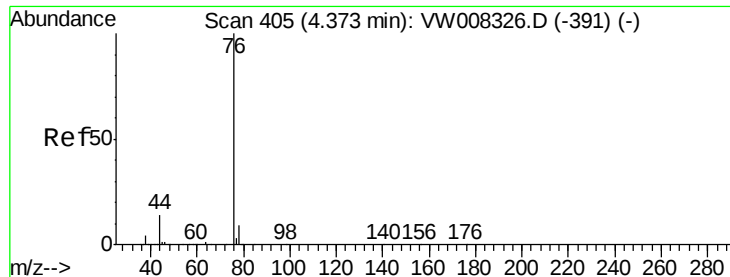
Tgt Ion: 43 Resp: 86360

Ion Ratio Lower Upper

43 100

58 31.6 24.7 37.1





#17

Carbon Disulfide

Concen: 55.176 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

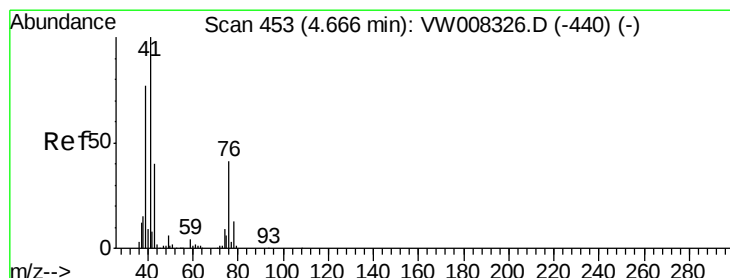
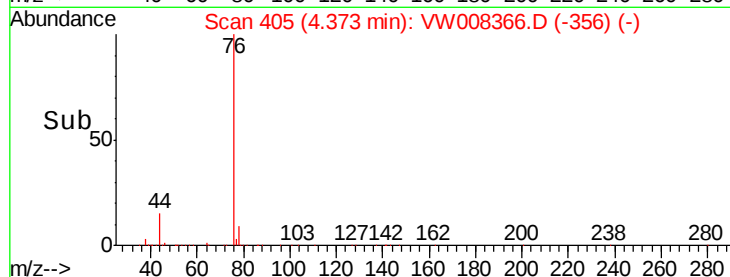
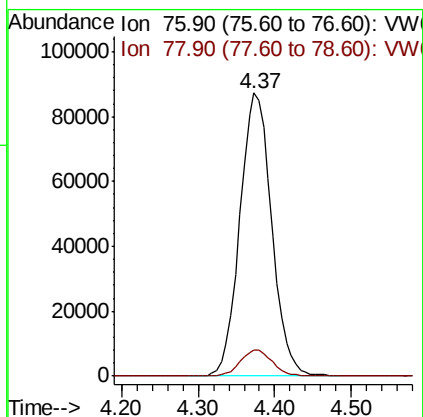
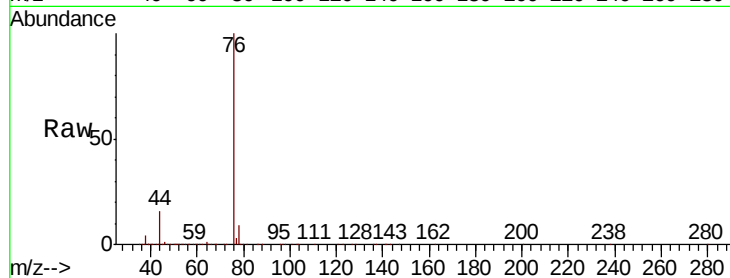
VSTDCCC050

Tgt Ion: 76 Resp: 252236

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 42.295 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW008366.D

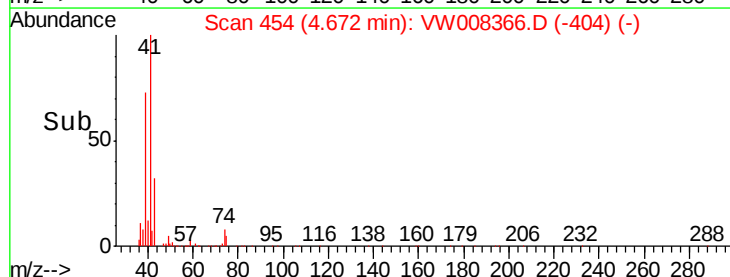
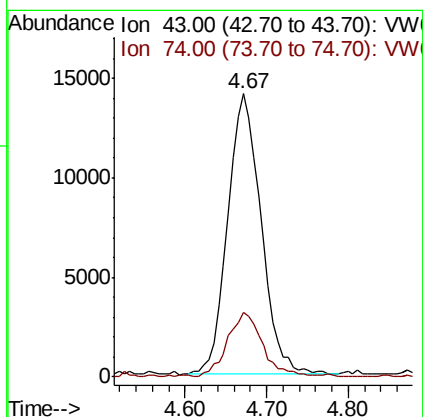
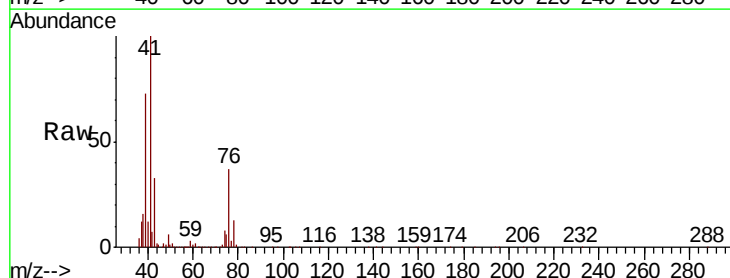
Acq: 21 Jan 2019 10:50

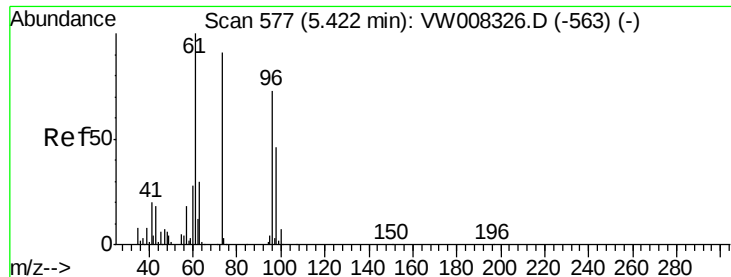
Tgt Ion: 43 Resp: 39962

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.0



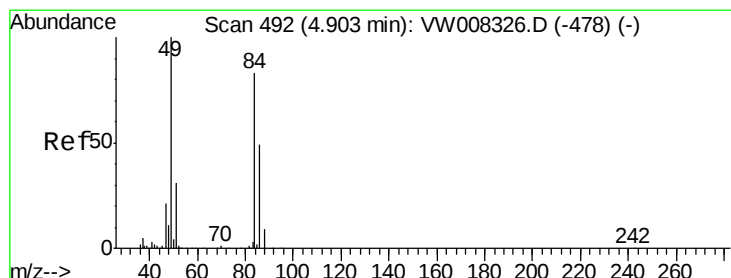
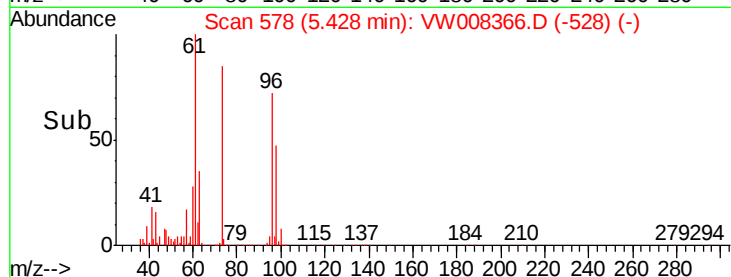
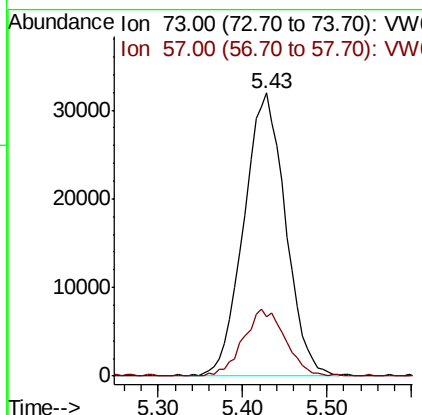
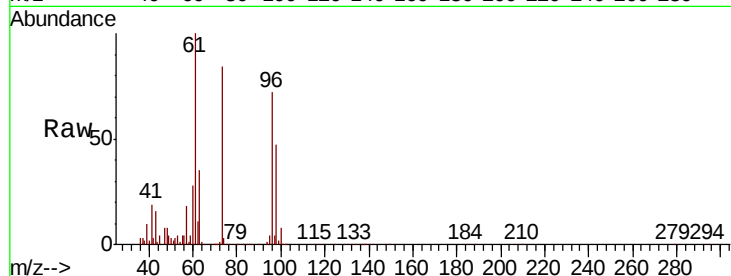


#19

Methyl tert-butyl Ether
 Concen: 47.190 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

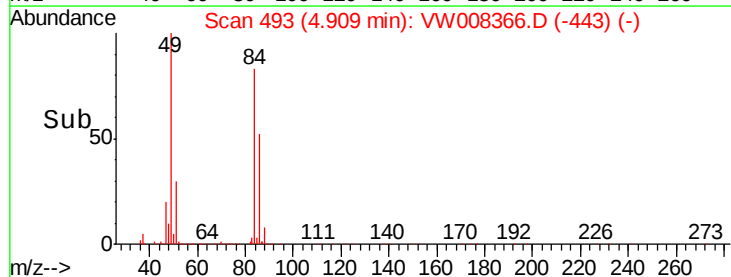
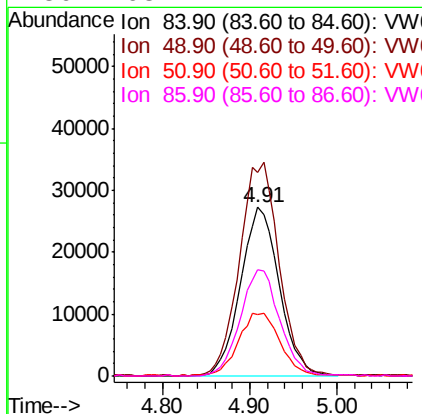
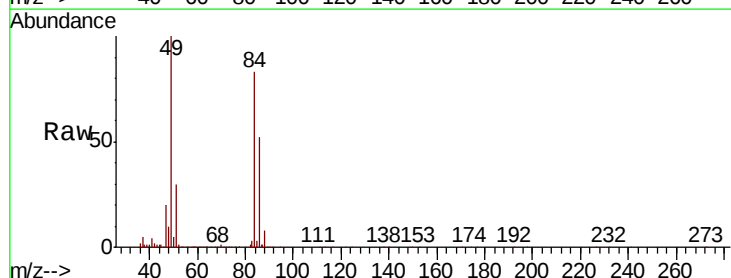
Tgt Ion: 73 Resp: 108525
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.3 24.5

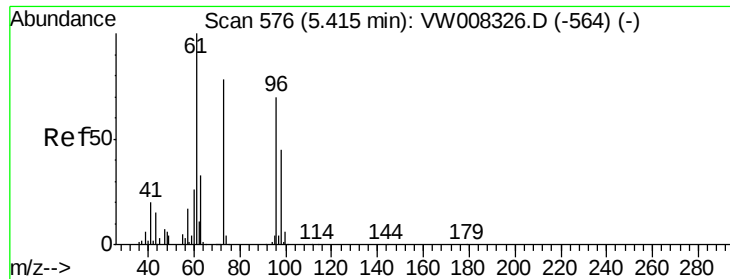


#20

Methylene Chloride
 Concen: 51.353 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Tgt Ion: 84 Resp: 84123
 Ion Ratio Lower Upper
 84 100
 49 120.4 95.9 143.9
 51 36.3 29.3 43.9
 86 63.1 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 51.803 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

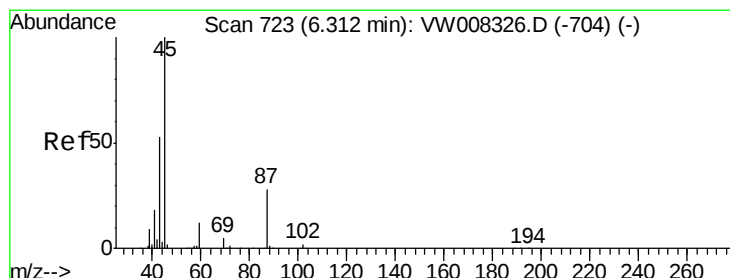
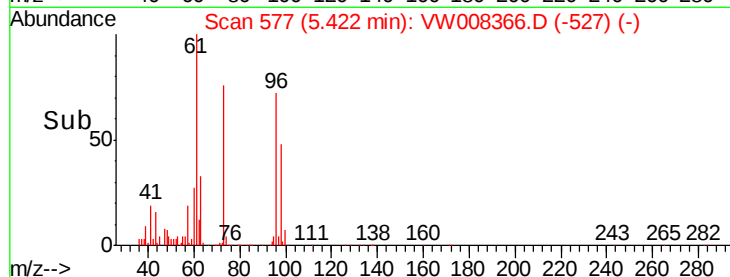
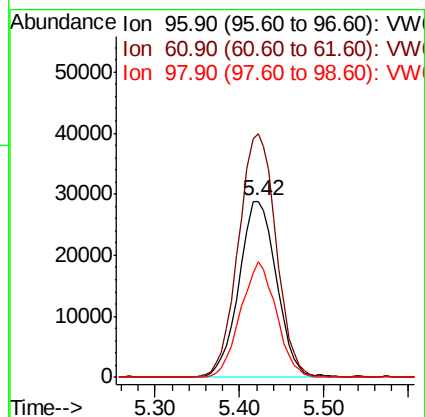
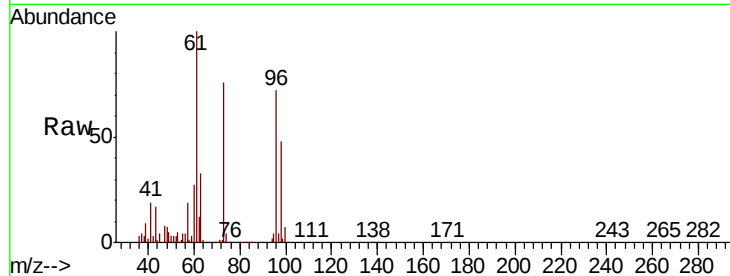
Tgt Ion: 96 Resp: 87410

Ion Ratio Lower Upper

96 100

61 138.2 114.5 171.7

98 65.7 52.0 78.0



#22

Diisopropyl ether

Concen: 50.540 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Tgt Ion: 45 Resp: 247820

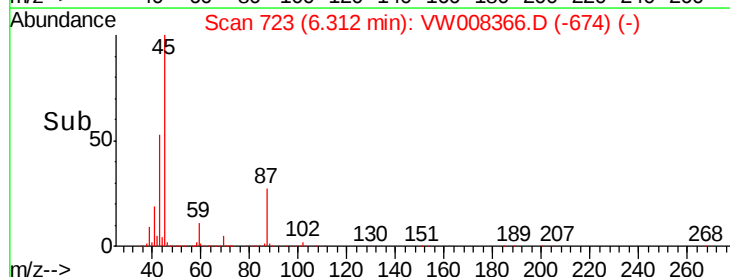
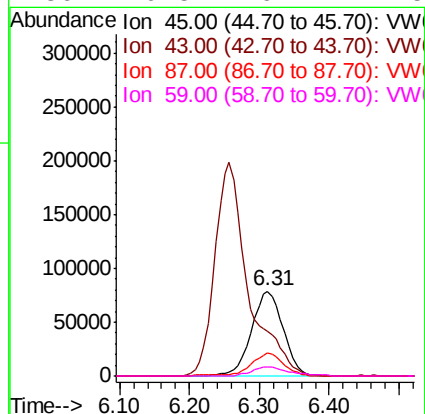
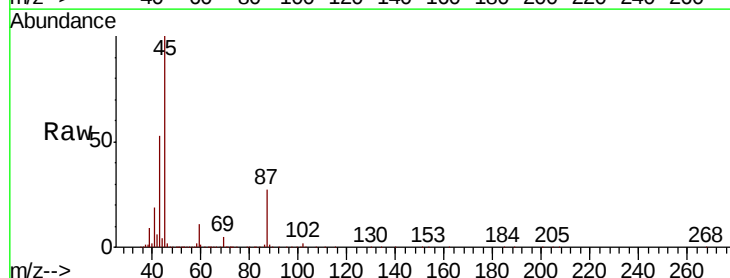
Ion Ratio Lower Upper

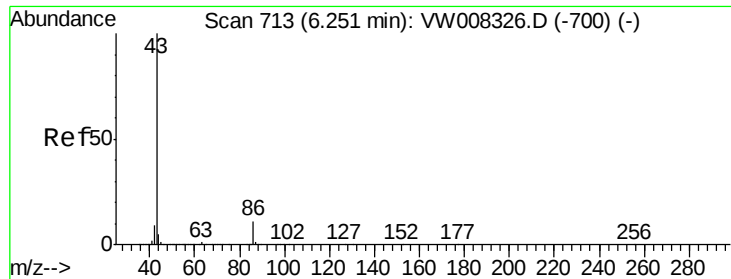
45 100

43 52.8 42.5 63.7

87 26.5 22.2 33.2

59 10.5 9.7 14.5

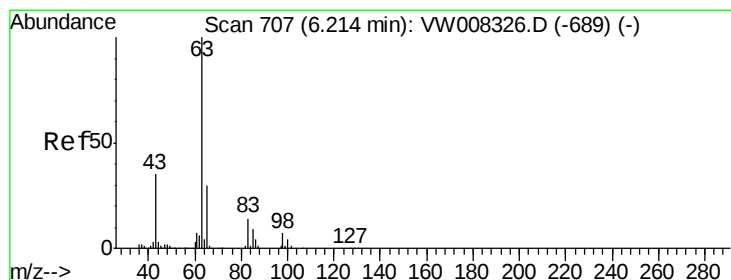
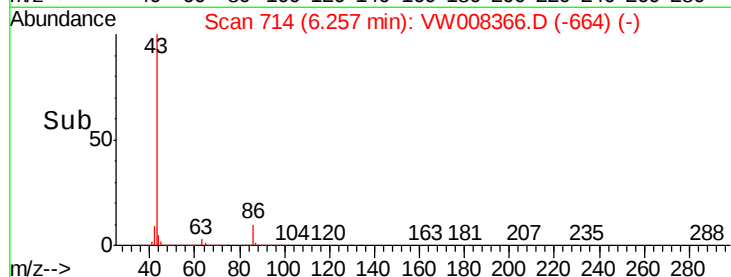
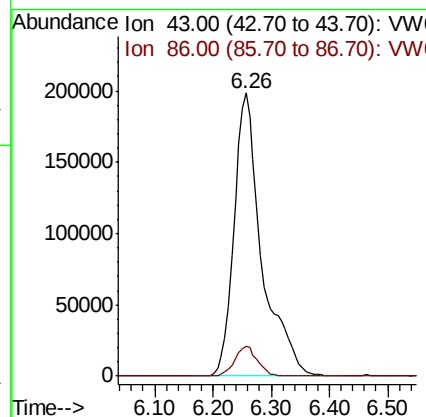
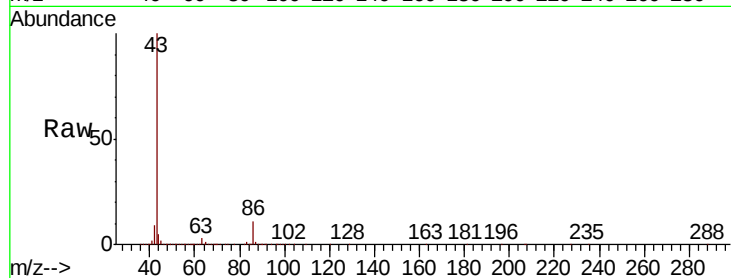




#23
 Vinyl Acetate
 Concen: 250.691 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

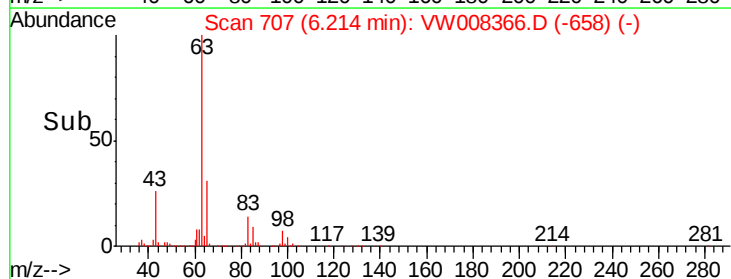
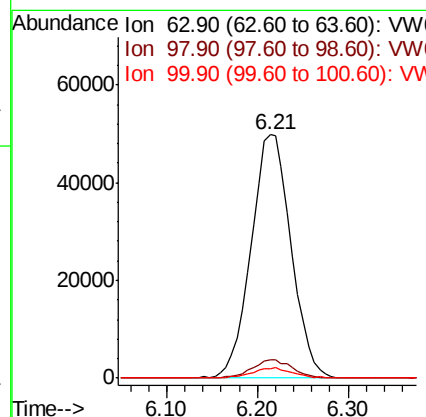
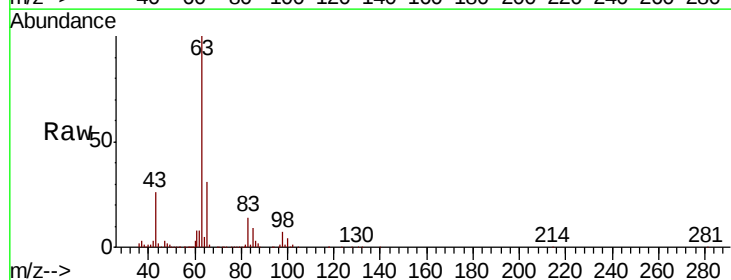
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

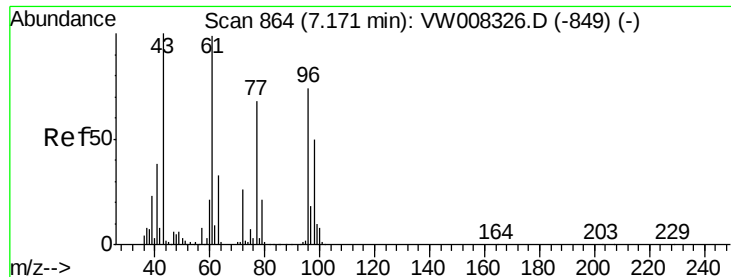
Tgt Ion: 43 Resp: 657083
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.929 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Tgt Ion: 63 Resp: 152053
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 235.618 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

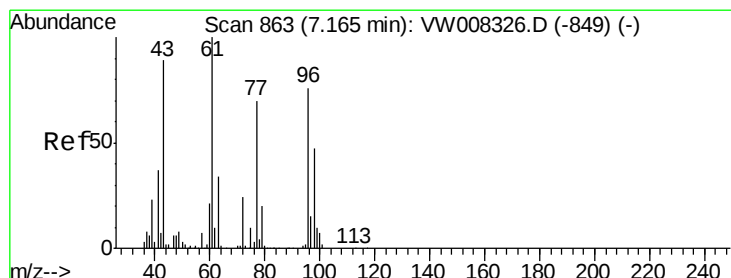
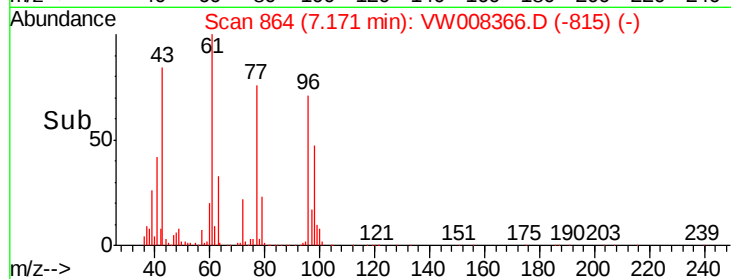
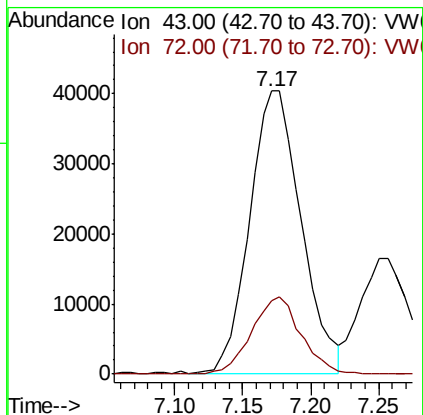
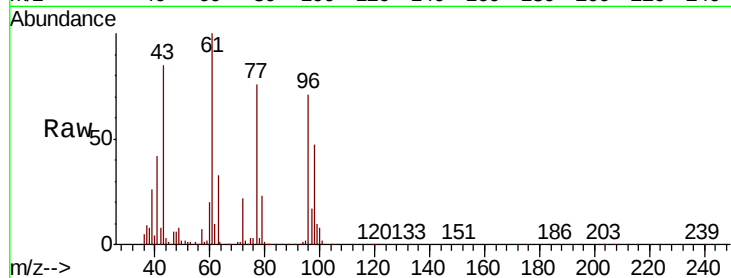
VSTDCCC050

Tgt Ion: 43 Resp: 106743

Ion Ratio Lower Upper

43 100

72 25.7 21.2 31.8



#26

2,2-Dichloropropane

Concen: 54.944 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008366.D

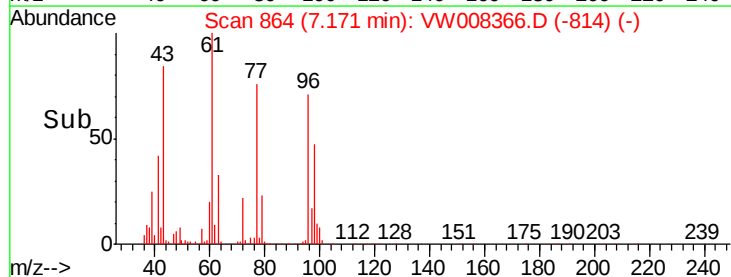
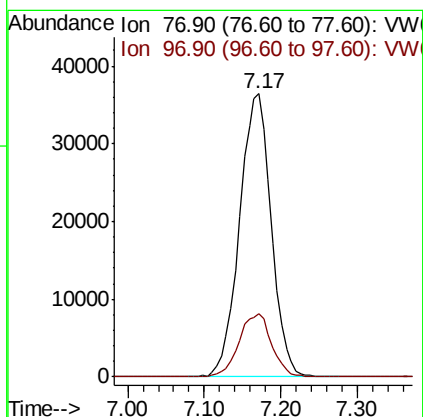
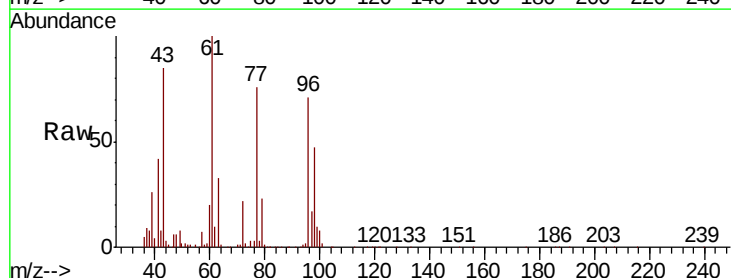
Acq: 21 Jan 2019 10:50

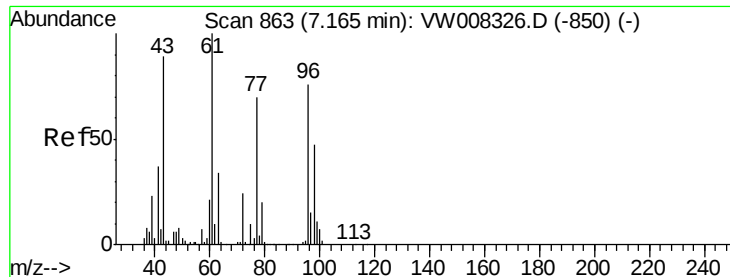
Tgt Ion: 77 Resp: 104684

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.1



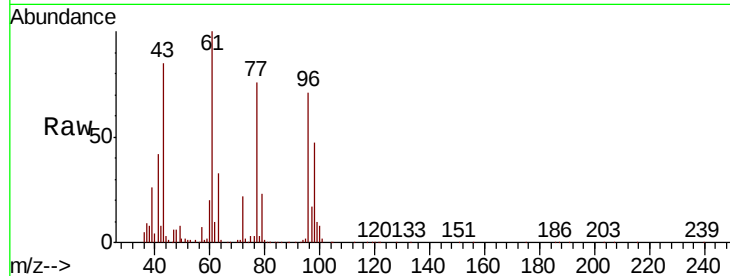


#27

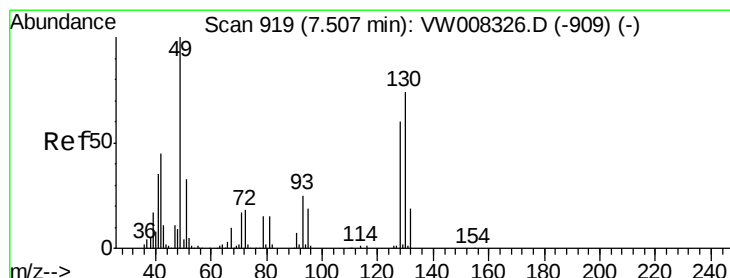
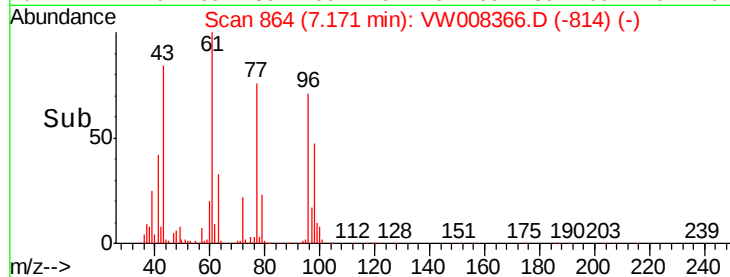
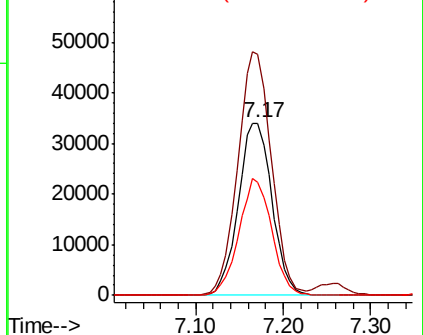
cis-1,2-Dichloroethene
Concen: 49.937 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 91292
Ion Ratio Lower Upper
96 100
61 140.9 0.0 272.2
98 65.6 0.0 129.4



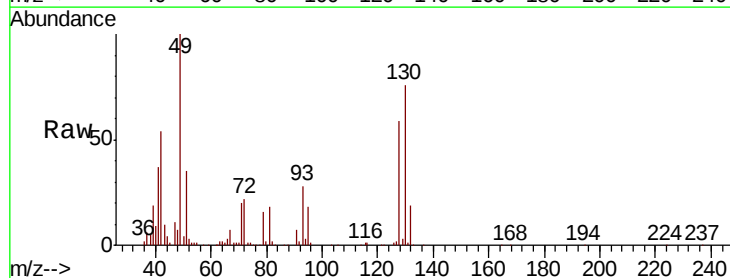
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



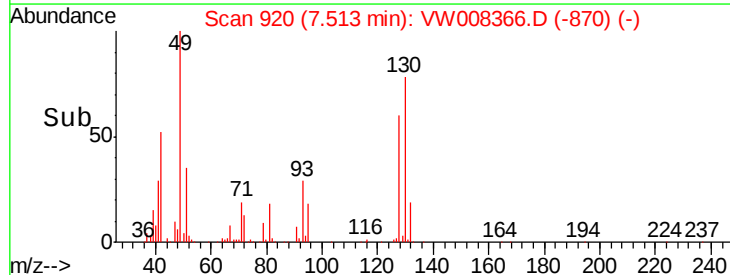
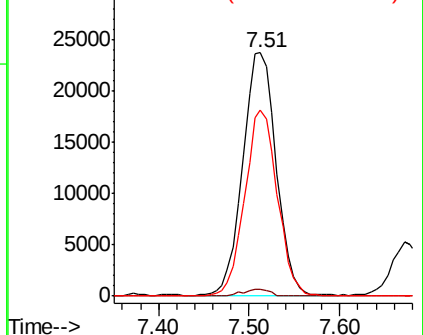
#28

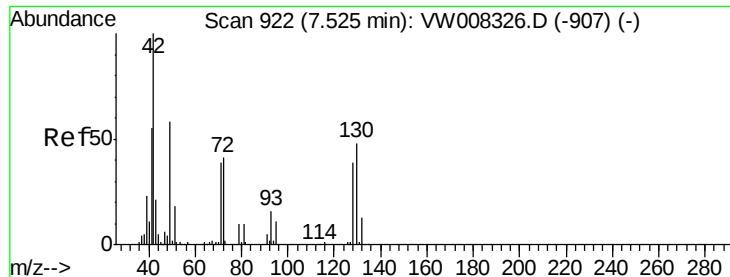
Bromochloromethane
Concen: 49.512 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion: 49 Resp: 60902
Ion Ratio Lower Upper
49 100
129 2.2 0.0 2.6
130 74.2 0.0 0.0#



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

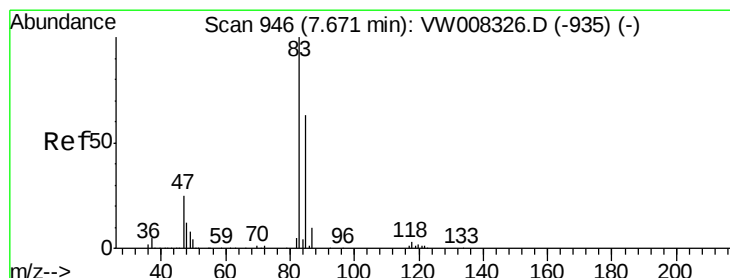
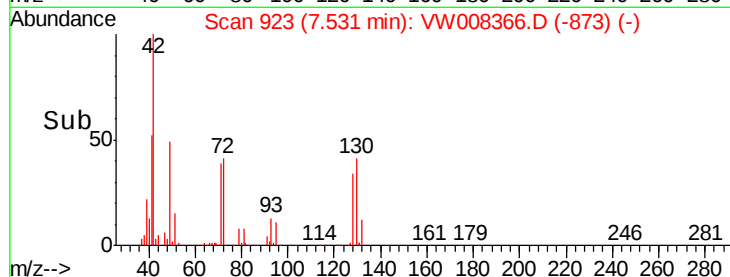
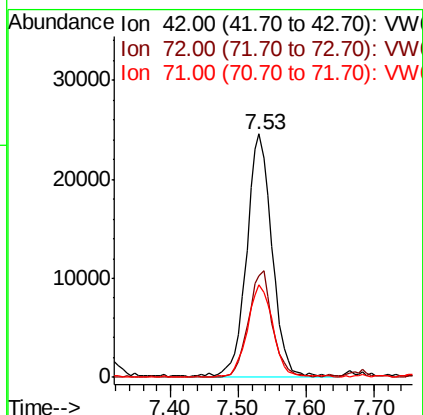
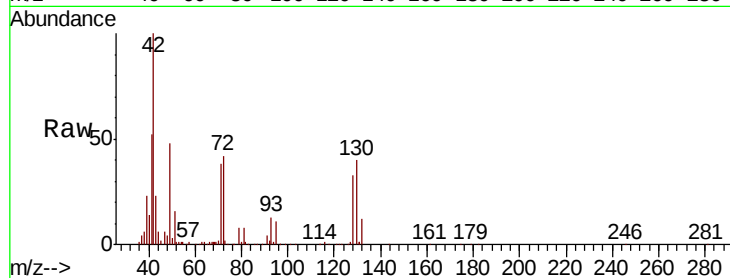




#29
Tetrahydrofuran
Concen: 227.838 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

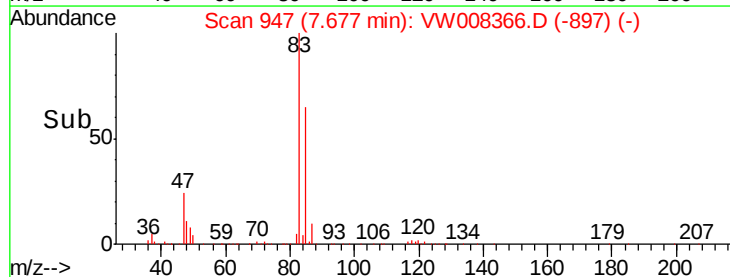
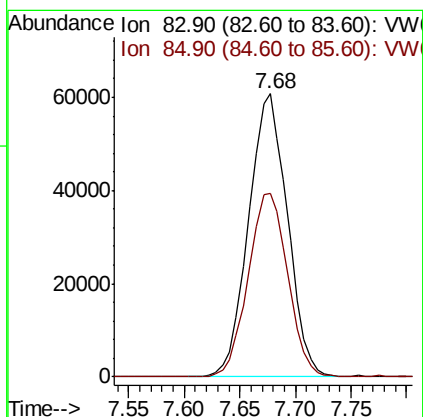
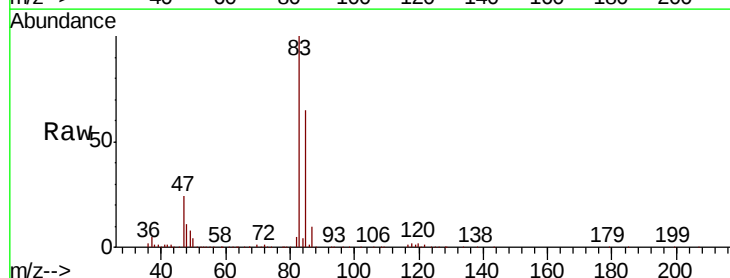
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

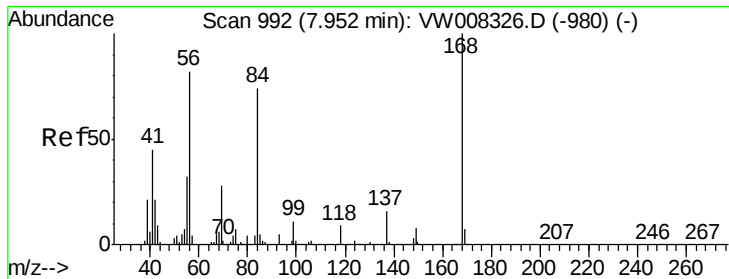
Tgt Ion: 42 Resp: 64348
Ion Ratio Lower Upper
42 100
72 41.3 34.0 51.0
71 38.1 32.0 48.0



#30
Chloroform
Concen: 49.953 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion: 83 Resp: 147559
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.2

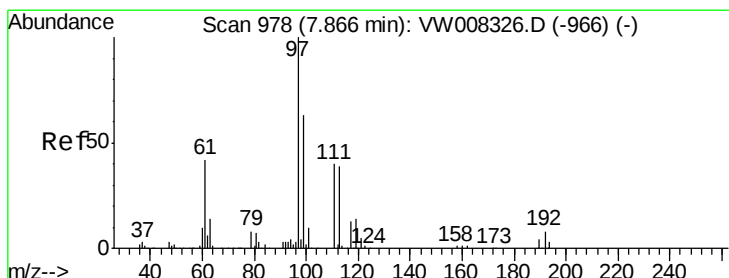
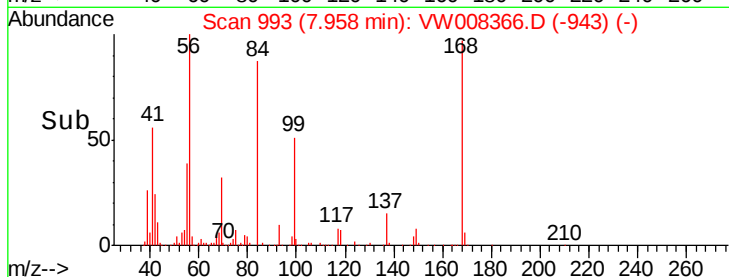
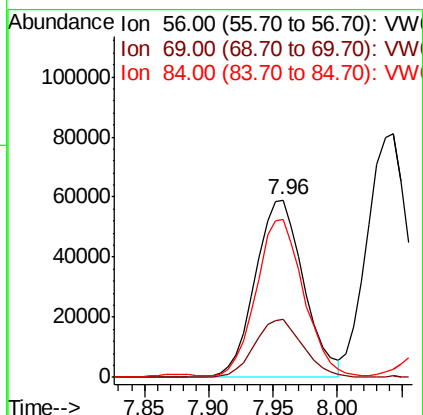
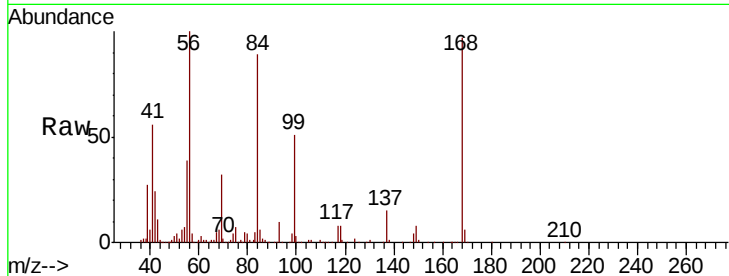




#31
Cyclohexane
Concen: 54.100 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

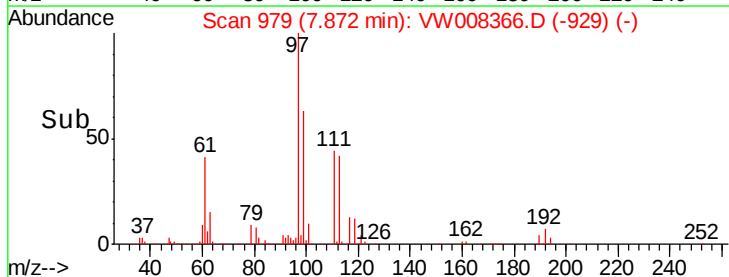
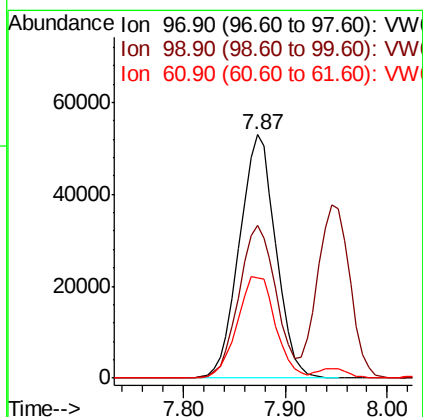
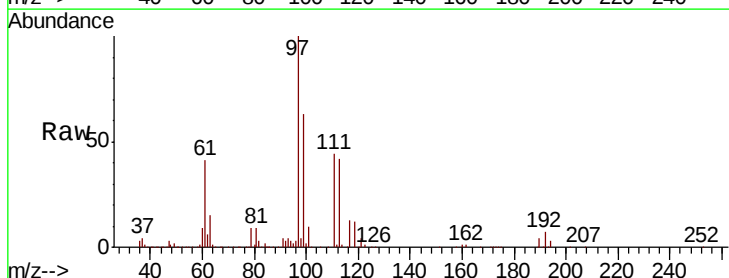
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

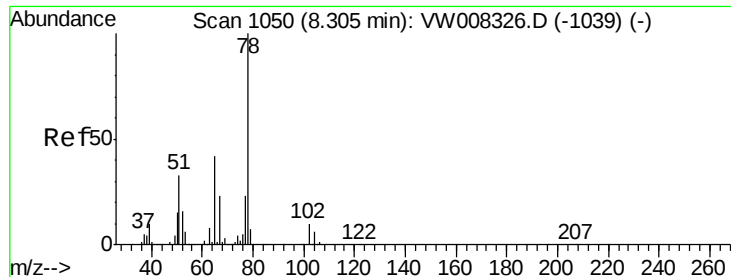
Tgt Ion: 56 Resp: 153895
Ion Ratio Lower Upper
56 100
69 32.1 27.0 40.6
84 88.0 72.5 108.7



#32
1,1,1-Trichloroethane
Concen: 53.127 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion: 97 Resp: 131709
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 43.7 34.0 51.0

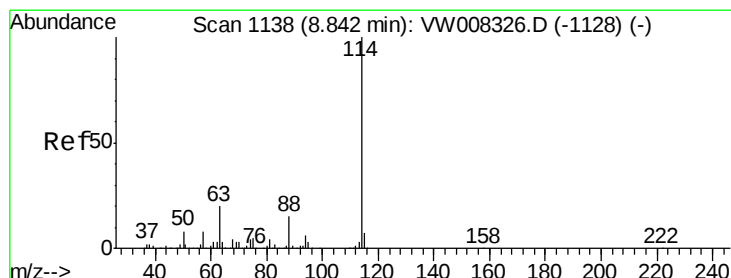
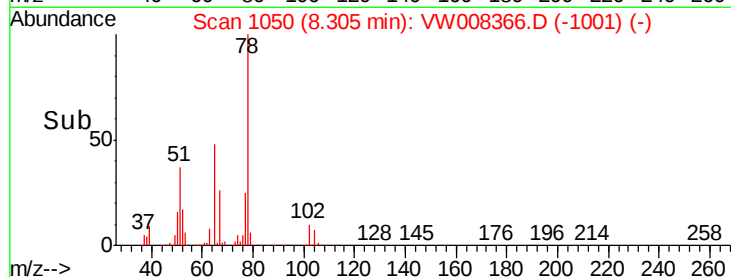
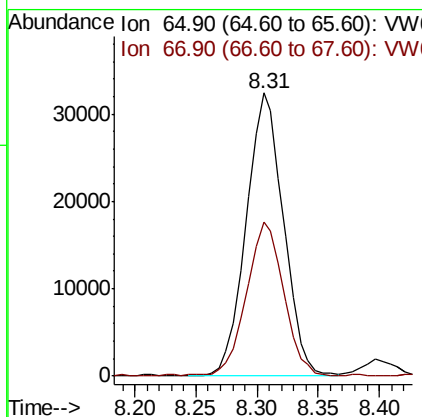
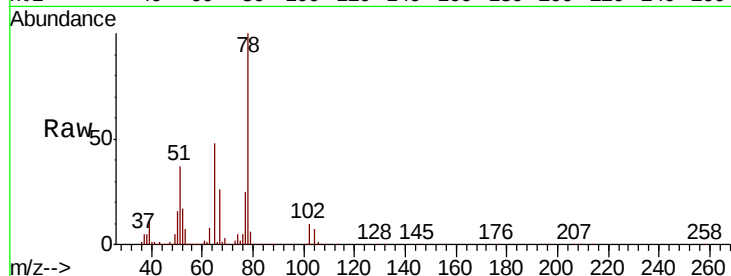




#33
 1,2-Dichloroethane-d4
 Concen: 45.124 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

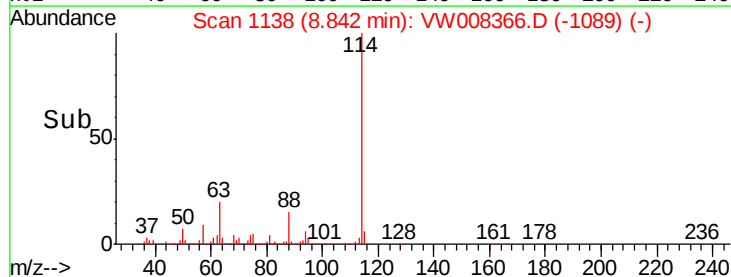
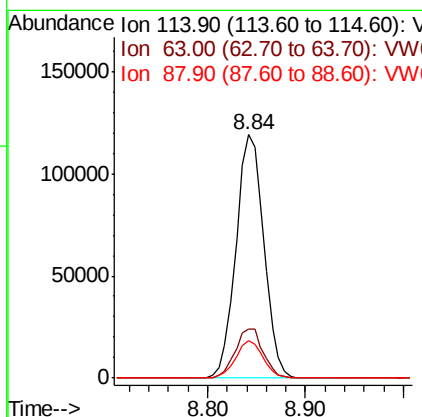
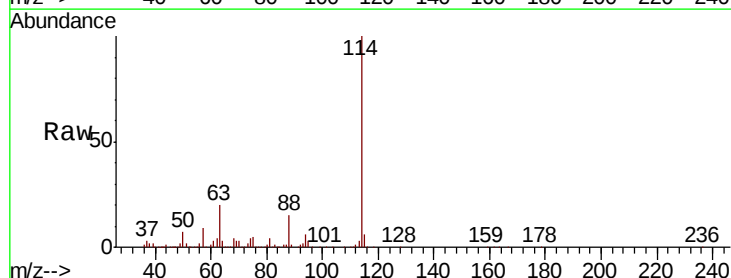
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

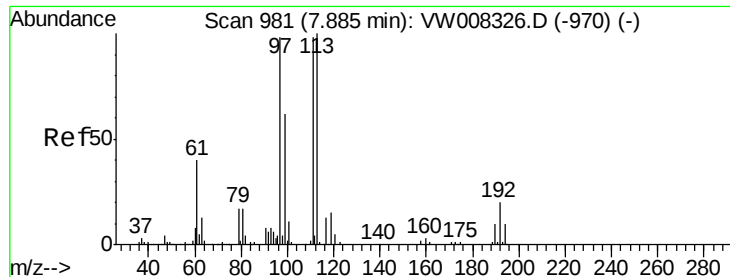
Tgt Ion: 65 Resp: 68726
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Tgt Ion: 114 Resp: 235739
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.667 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

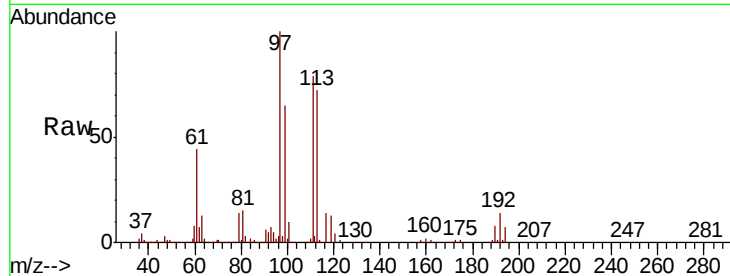
Tgt Ion:113 Resp: 70224

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

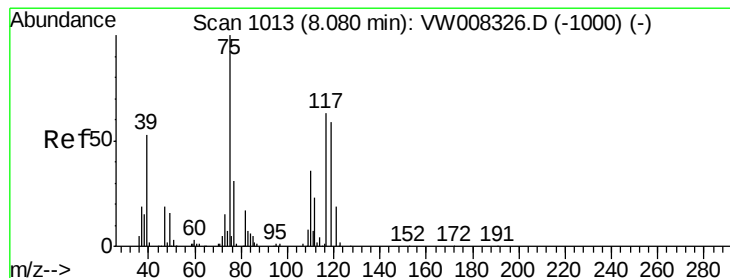
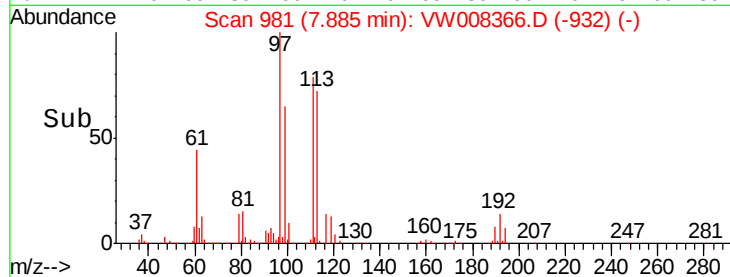
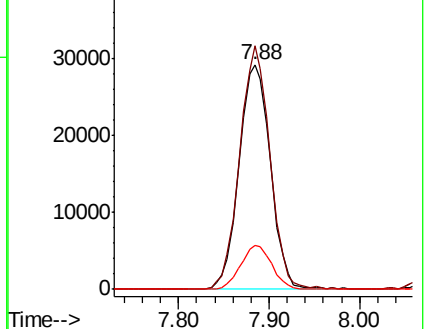
192 19.4 16.3 24.5



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: 53.511 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

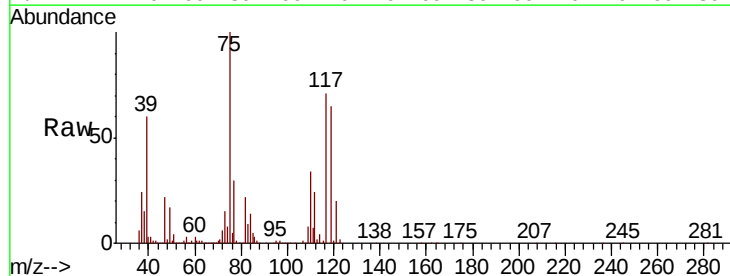
Tgt Ion: 75 Resp: 126913

Ion Ratio Lower Upper

75 100

110 35.7 17.5 52.6

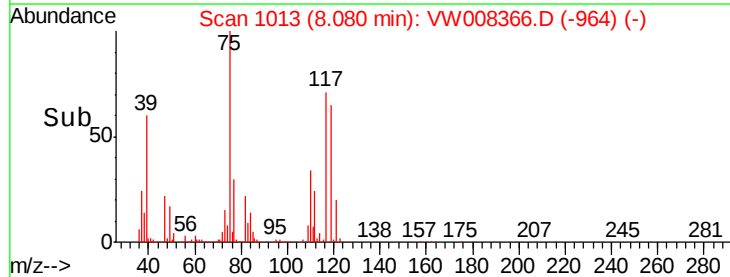
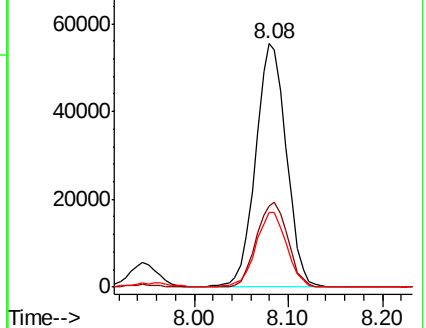
77 31.2 25.0 37.6

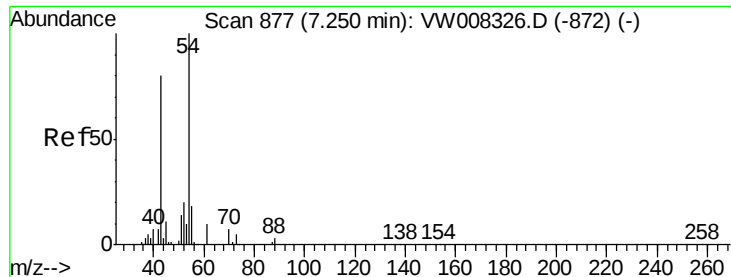


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

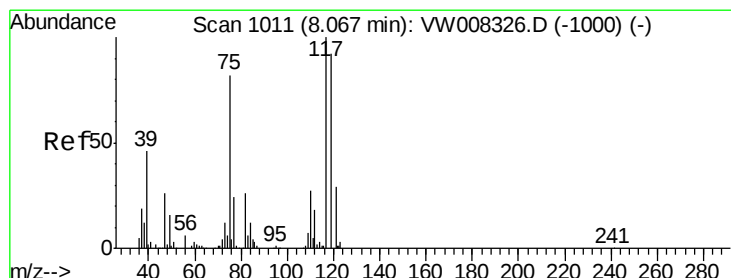
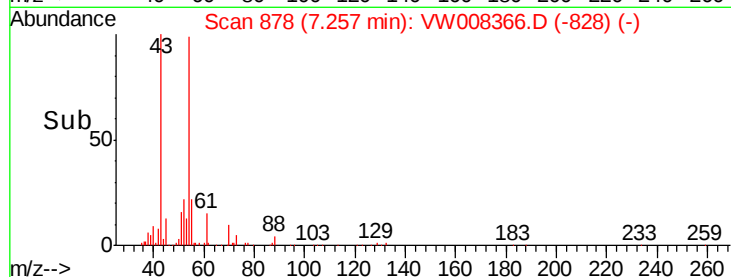
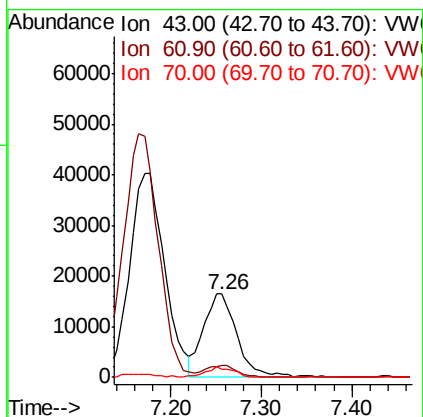
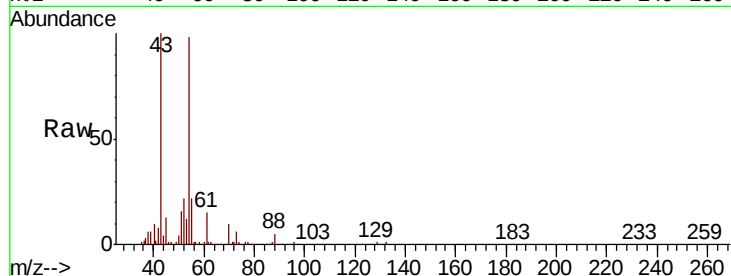




#37
Ethyl Acetate
Concen: 42.880 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

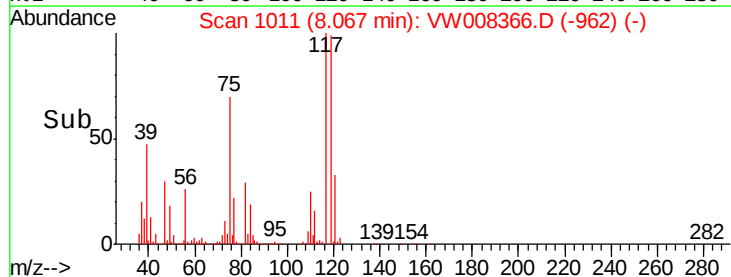
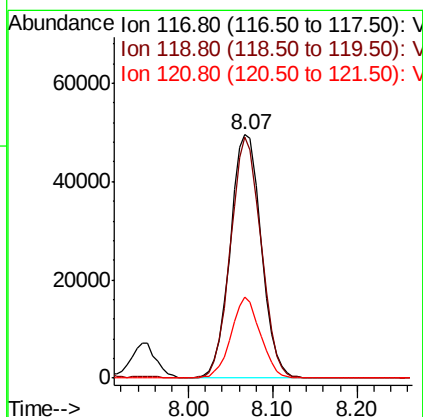
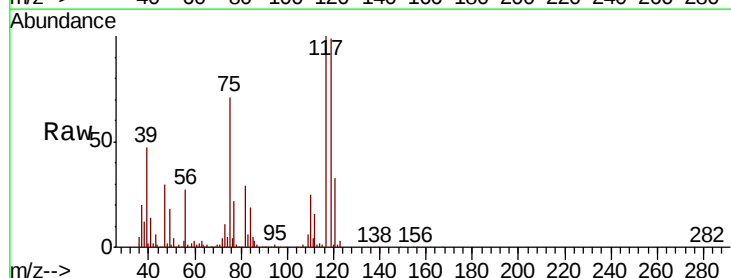
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

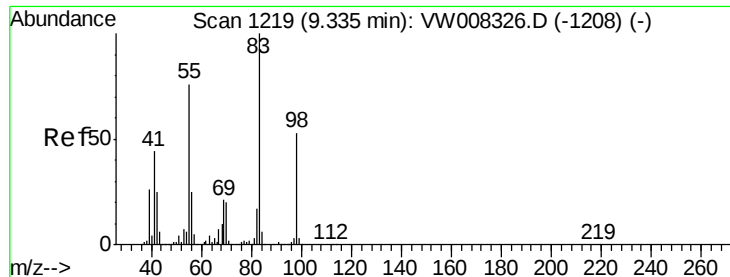
Tgt Ion: 43 Resp: 41939
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 52.729 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion: 117 Resp: 123490
Ion Ratio Lower Upper
117 100
119 99.1 73.8 110.6
121 33.3 23.4 35.0

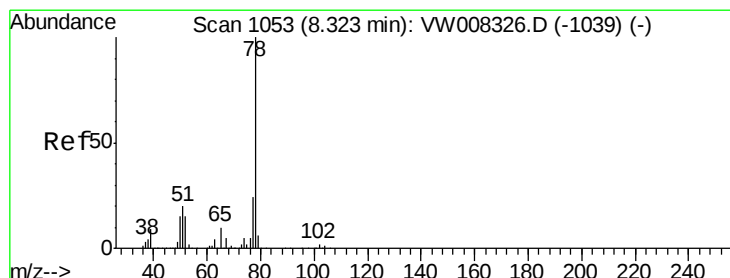
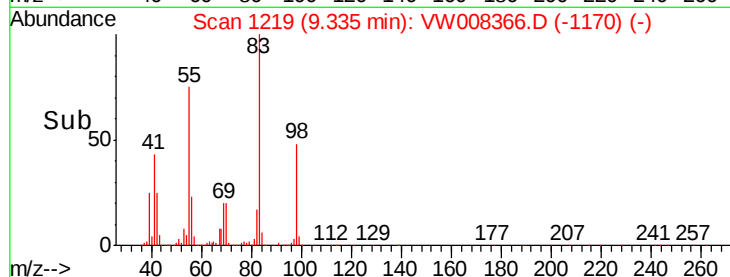
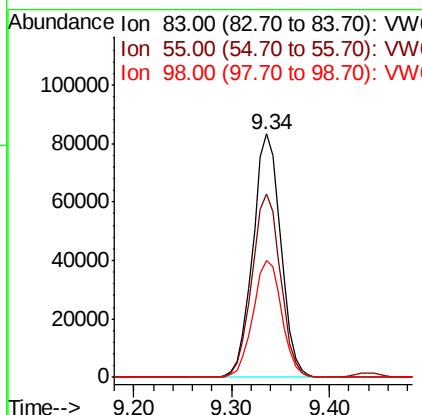
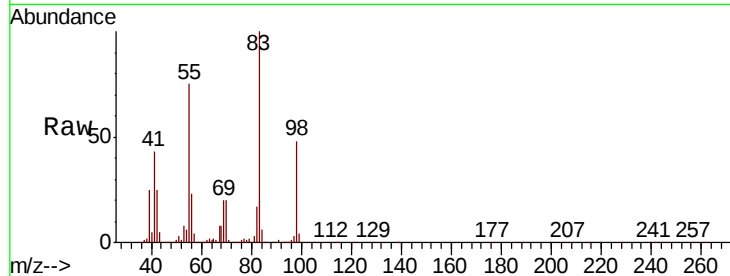




#39
Methylcyclohexane
Concen: 58.954 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

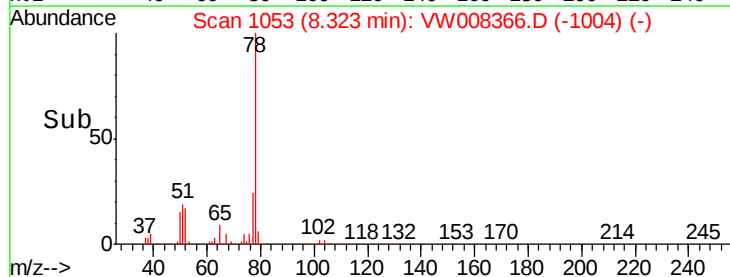
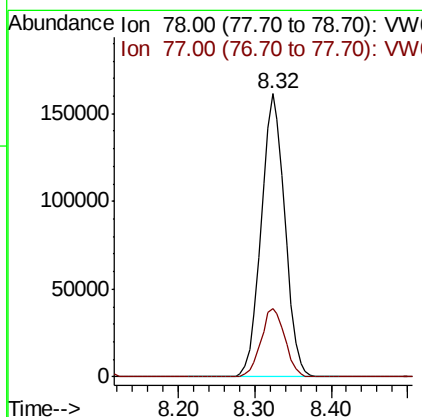
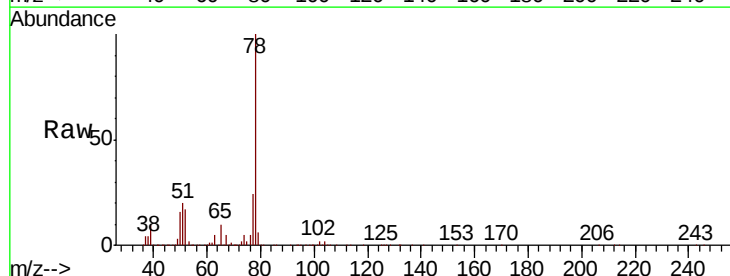
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

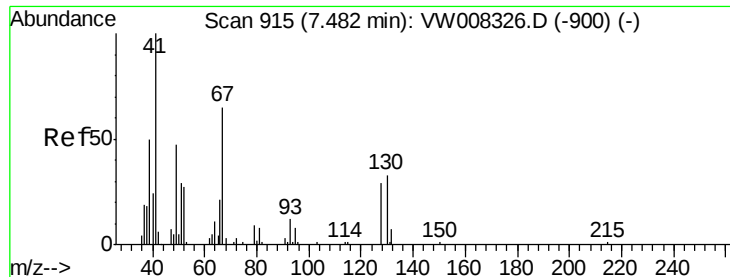
Tgt Ion: 83 Resp: 166319
Ion Ratio Lower Upper
83 100
55 75.1 61.1 91.7
98 48.1 42.5 63.7



#40
Benzene
Concen: 51.769 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion: 78 Resp: 347803
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





#41

Methacrylonitrile

Concen: 43.143 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 24564

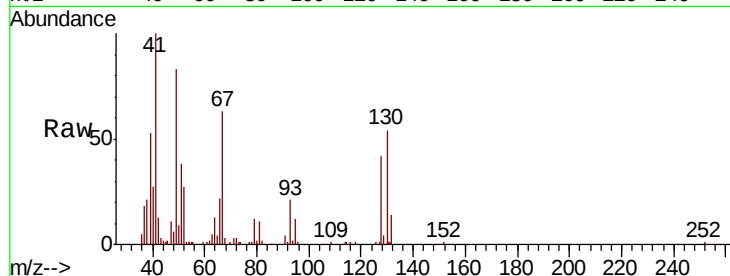
Ion Ratio Lower Upper

41 100

39 60.2 44.9 67.3

67 74.1 56.9 85.3

52 32.9 24.4 36.6



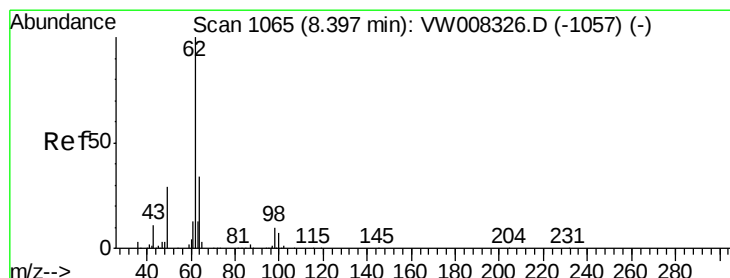
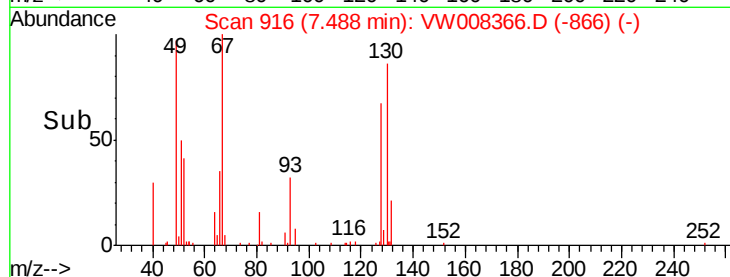
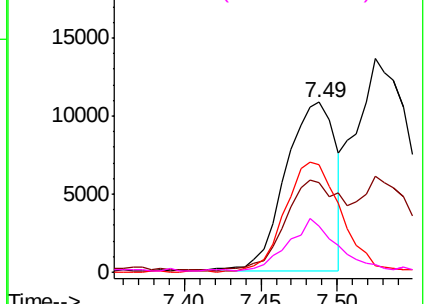
Abundance

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: 47.449 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW008366.D

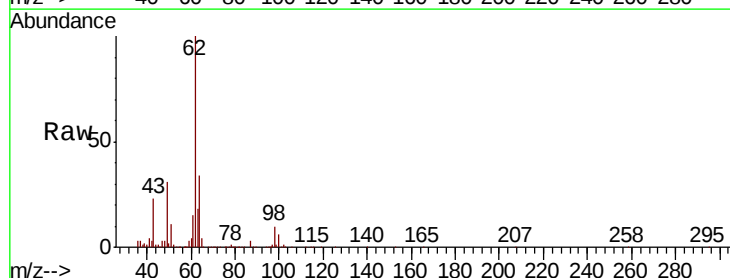
Acq: 21 Jan 2019 10:50

Tgt Ion: 62 Resp: 89139

Ion Ratio Lower Upper

62 100

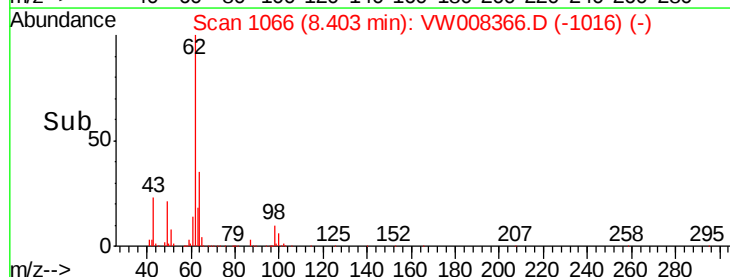
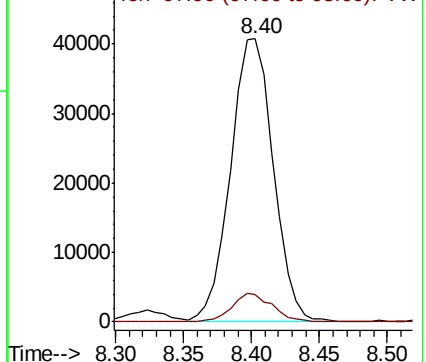
98 9.5 0.0 19.0

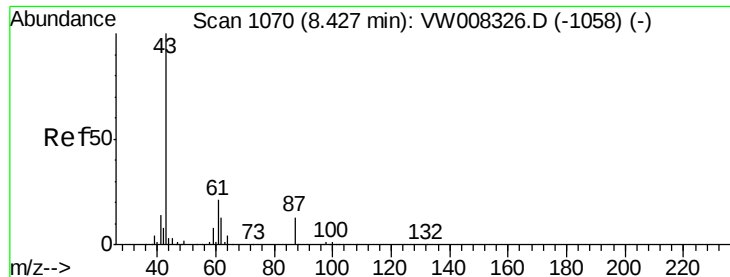


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 43.757 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

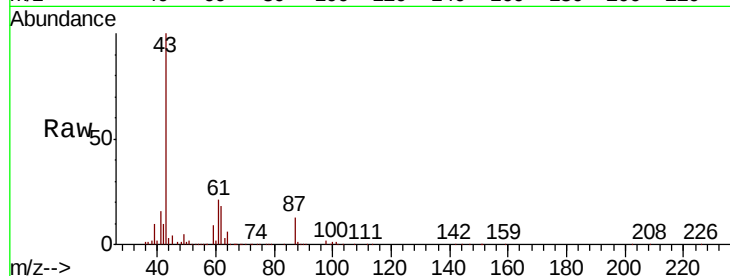
Tgt Ion: 43 Resp: 80840

Ion Ratio Lower Upper

43 100

61 32.3 24.8 37.2

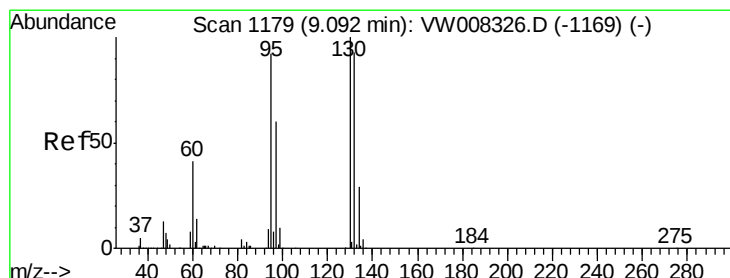
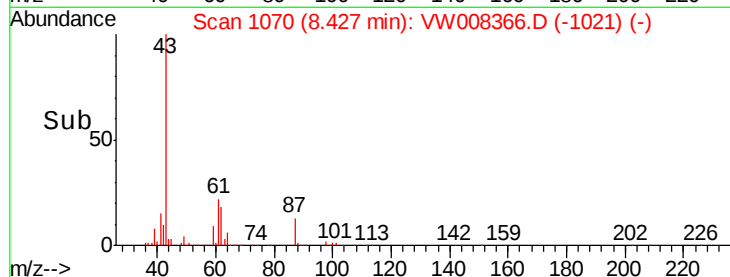
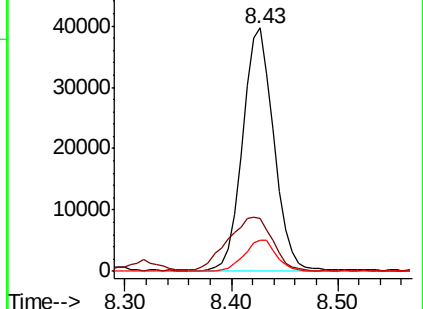
87 13.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.421 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008366.D

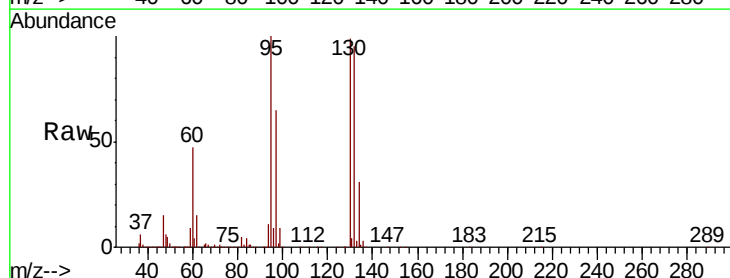
Acq: 21 Jan 2019 10:50

Tgt Ion: 130 Resp: 92808

Ion Ratio Lower Upper

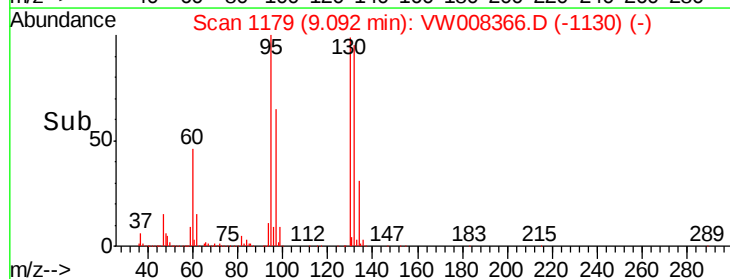
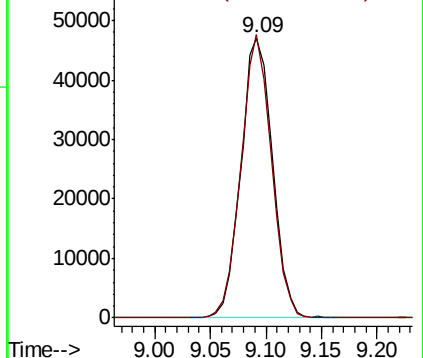
130 100

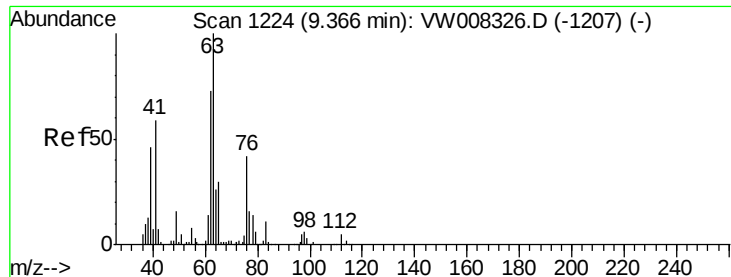
95 101.1 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.683 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

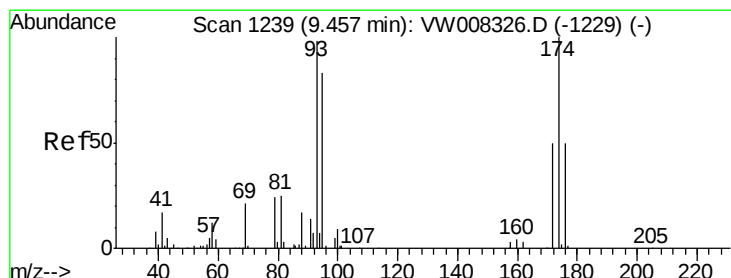
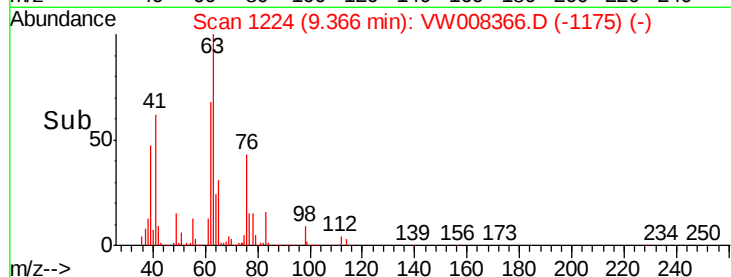
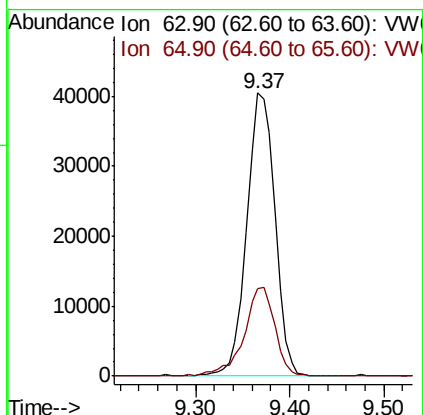
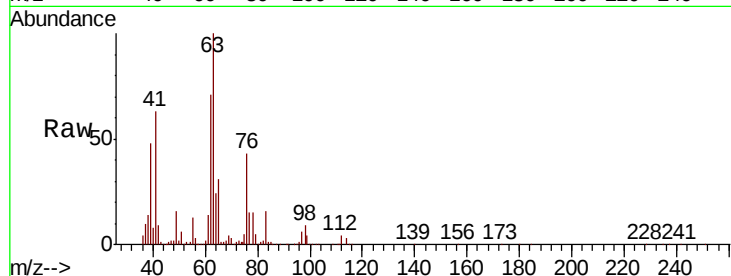
VSTDCCC050

Tgt Ion: 63 Resp: 84581

Ion Ratio Lower Upper

63 100

65 30.9 23.9 35.9



#46

Dibromomethane

Concen: 46.504 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

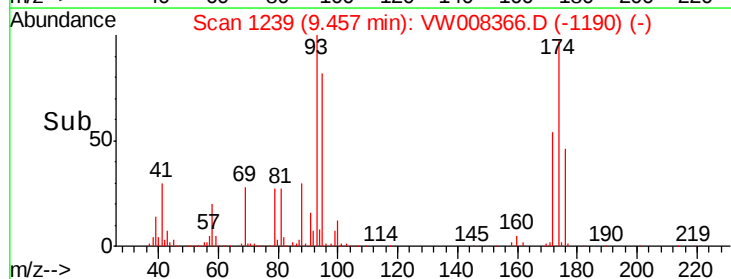
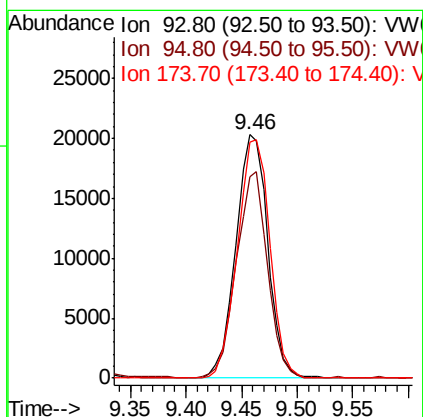
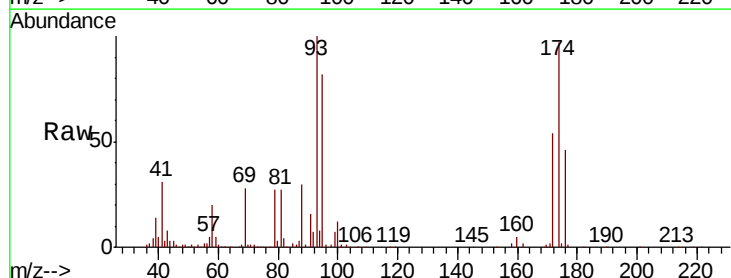
Tgt Ion: 93 Resp: 40448

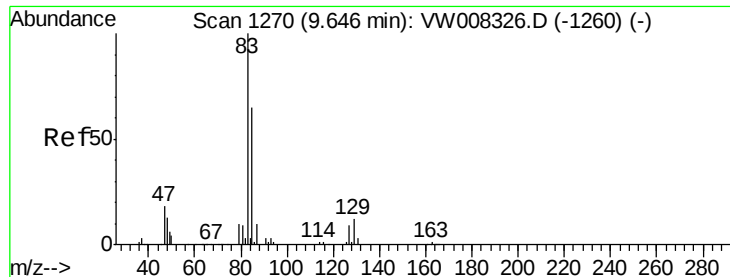
Ion Ratio Lower Upper

93 100

95 82.8 67.8 101.8

174 99.6 84.4 126.6





#47

Bromodichloromethane

Concen: 49.813 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

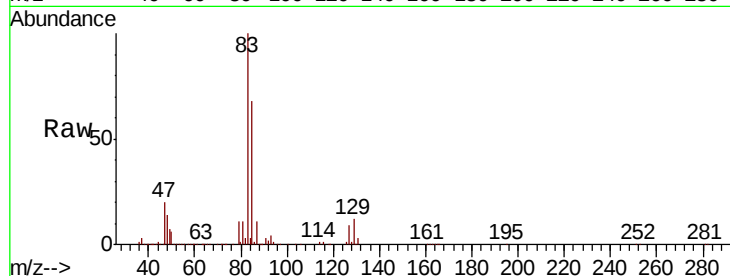
Tgt Ion: 83 Resp: 106872

Ion Ratio Lower Upper

83 100

85 68.2 51.6 77.4

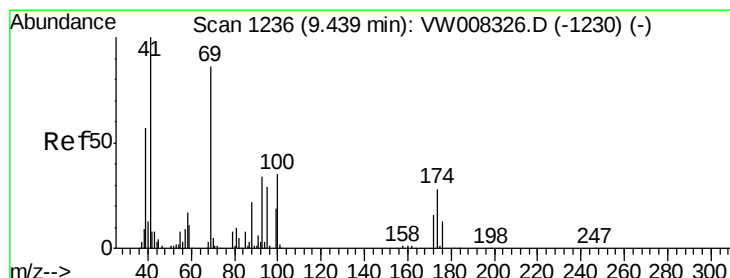
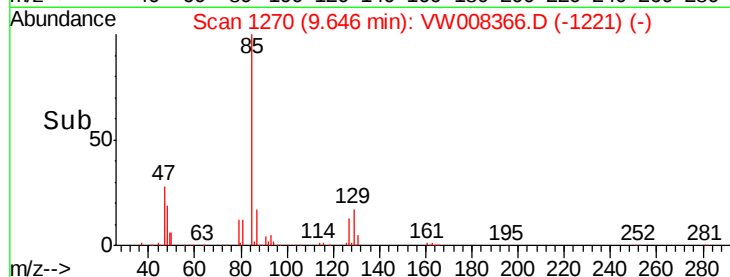
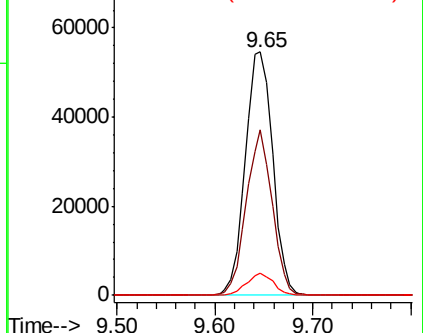
127 9.2 6.8 10.2



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): VW



#48

Methyl methacrylate

Concen: 49.094 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

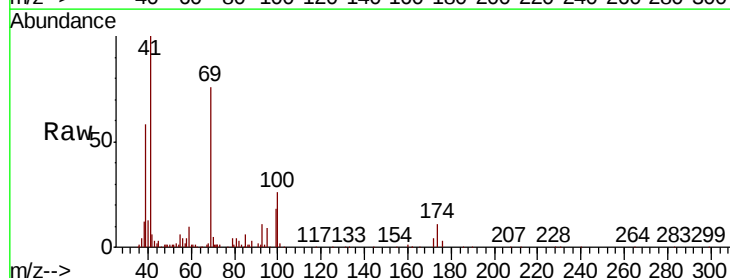
Tgt Ion: 41 Resp: 42697

Ion Ratio Lower Upper

41 100

69 78.4 68.2 102.4

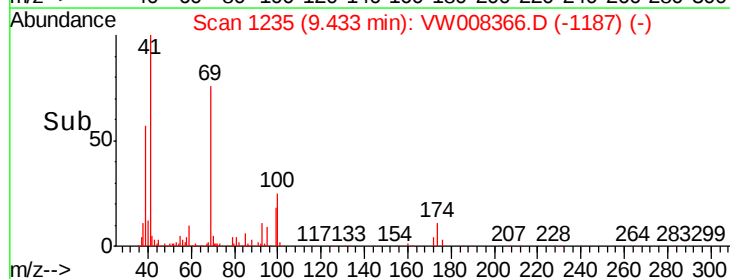
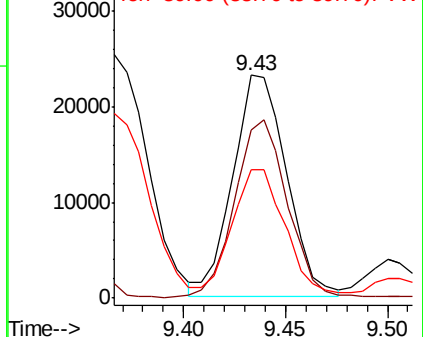
39 52.6 46.0 69.0

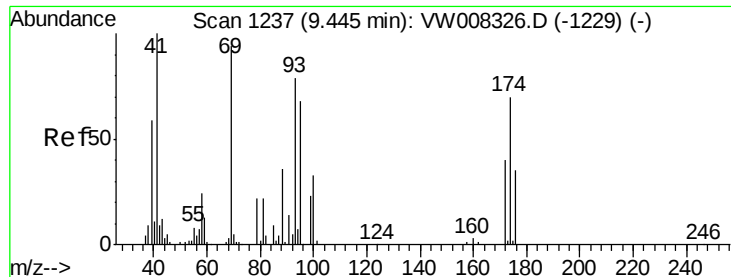


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

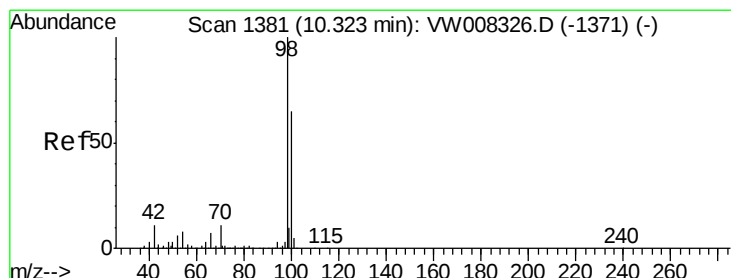
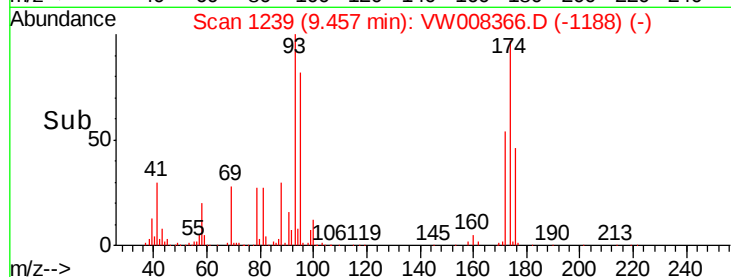
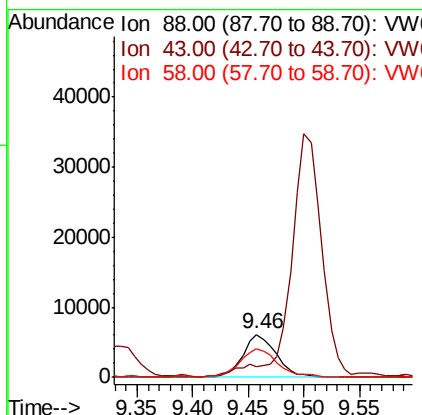
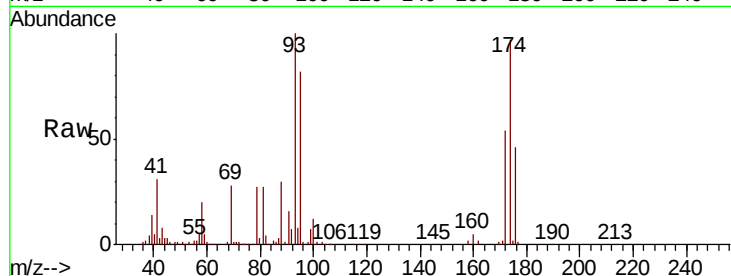




#49
1,4-Dioxane
Concen: 919.171 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

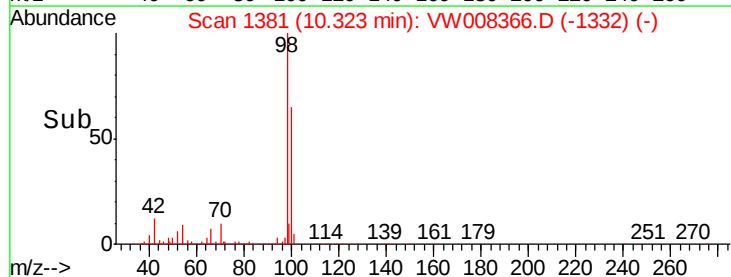
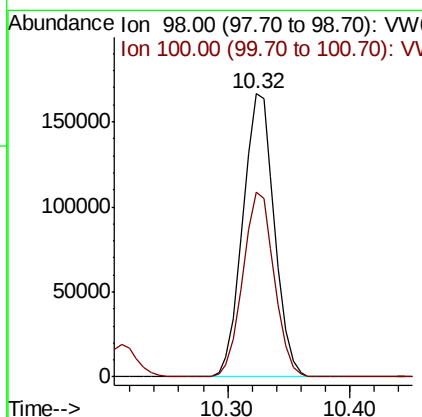
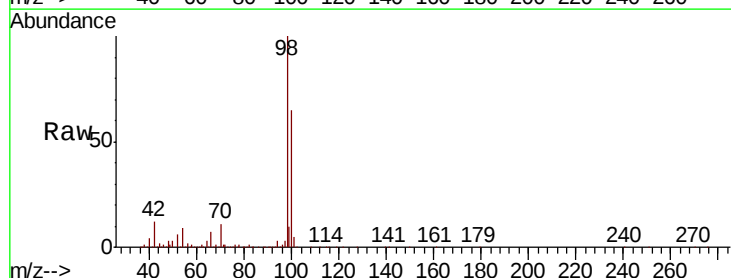
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

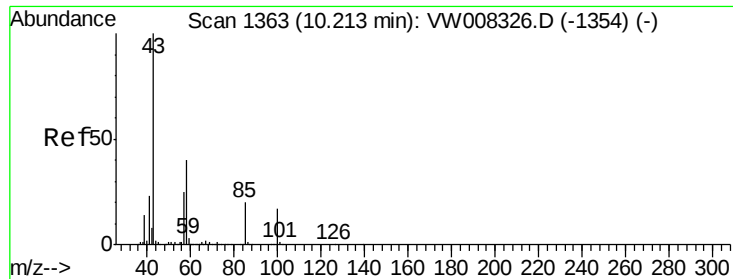
Tgt Ion: 88 Resp: 12870
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 76.6 57.9 86.9



#50
Toluene-d8
Concen: 50.382 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion: 98 Resp: 297845
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 227.962 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

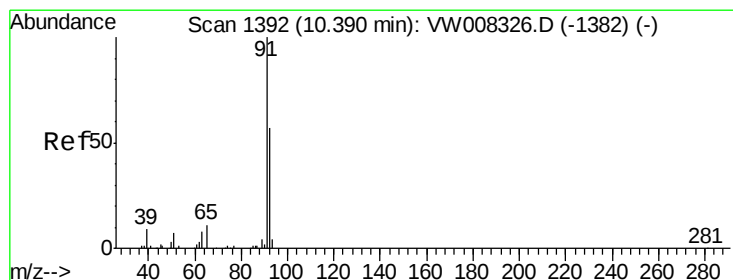
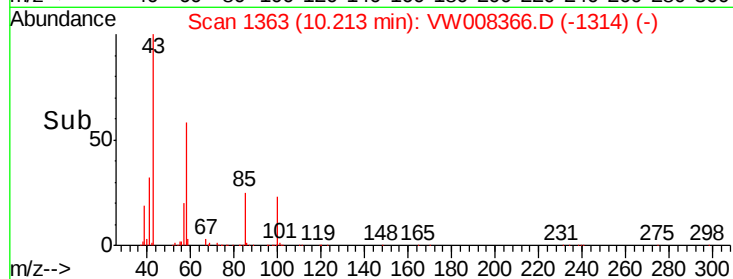
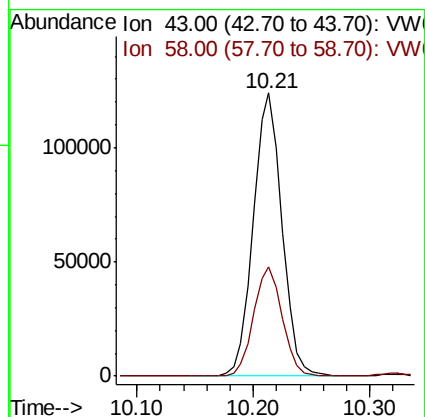
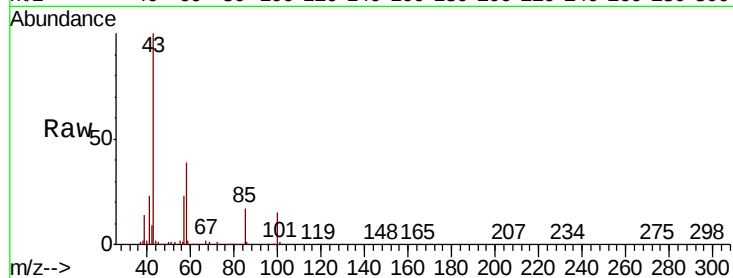
VSTDCCC050

Tgt Ion: 43 Resp: 213253

Ion Ratio Lower Upper

43 100

58 38.4 31.4 47.0



#52

Toluene

Concen: 53.104 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008366.D

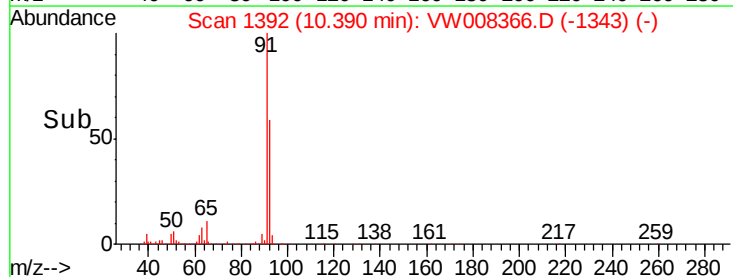
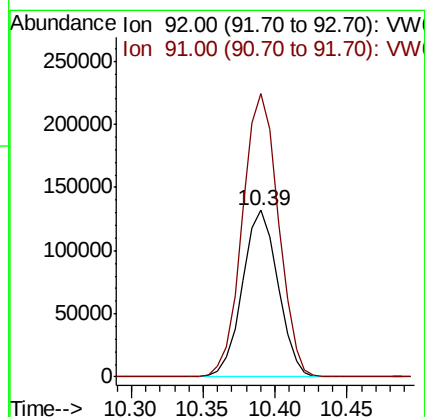
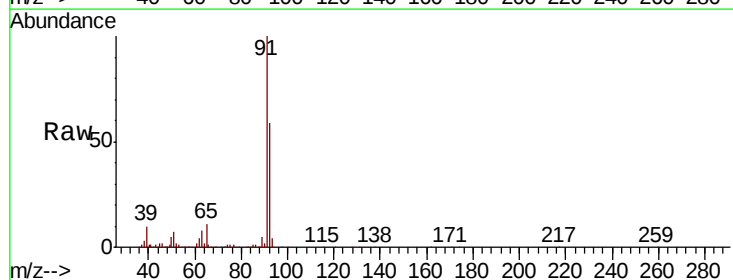
Acq: 21 Jan 2019 10:50

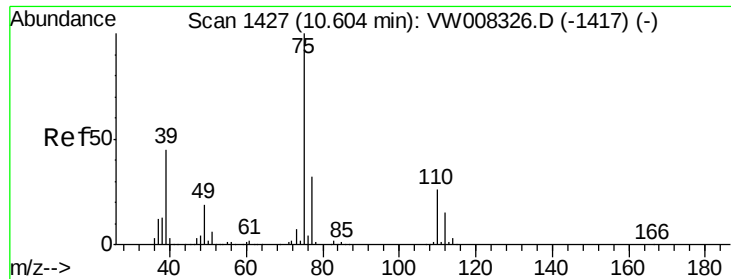
Tgt Ion: 92 Resp: 225780

Ion Ratio Lower Upper

92 100

91 172.4 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 49.080 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

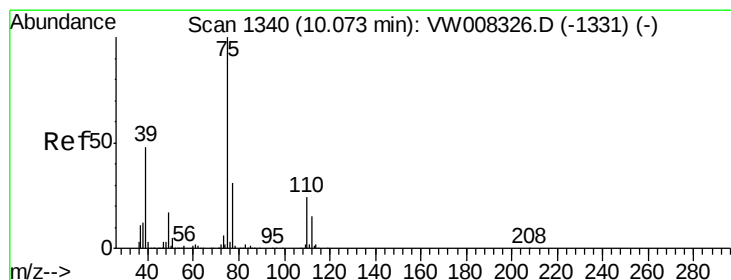
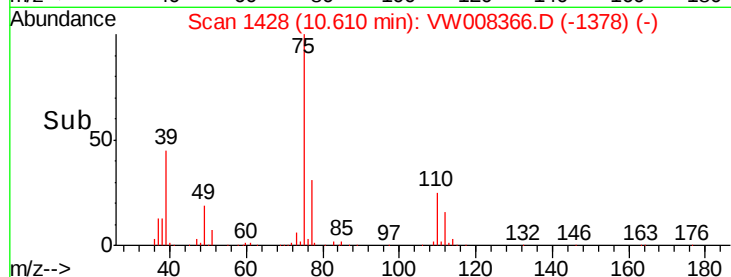
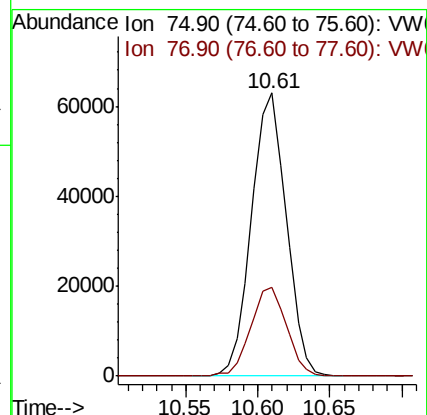
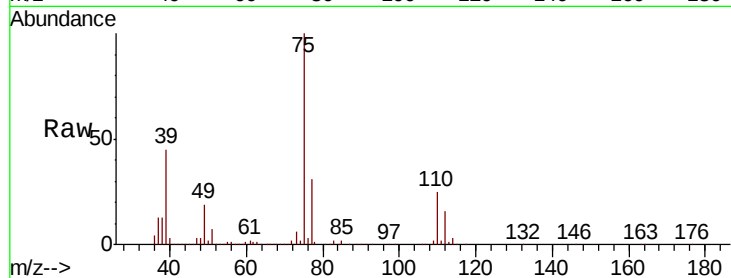
VSTDCCC050

Tgt Ion: 75 Resp: 105096

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 50.773 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

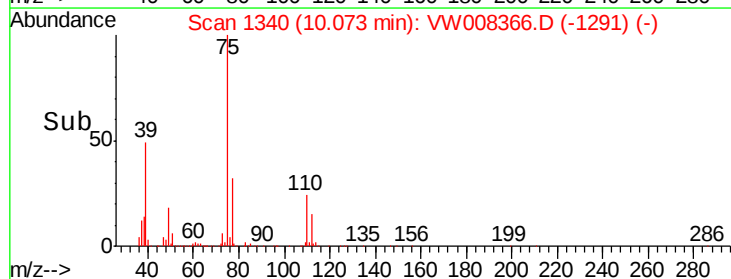
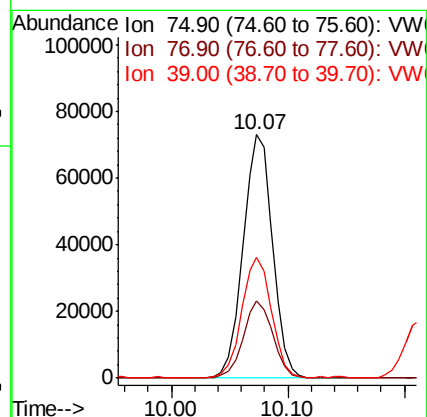
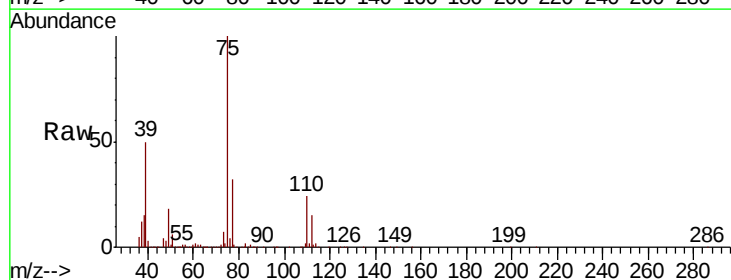
Tgt Ion: 75 Resp: 128163

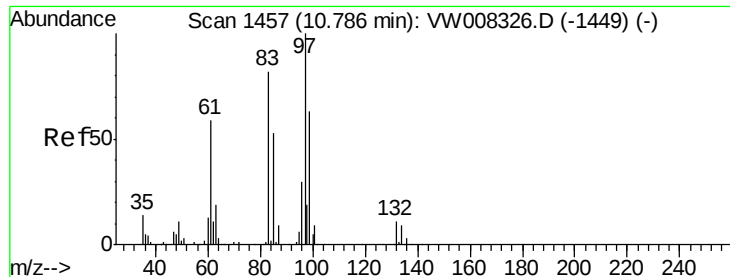
Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6

39 49.3 38.6 57.8

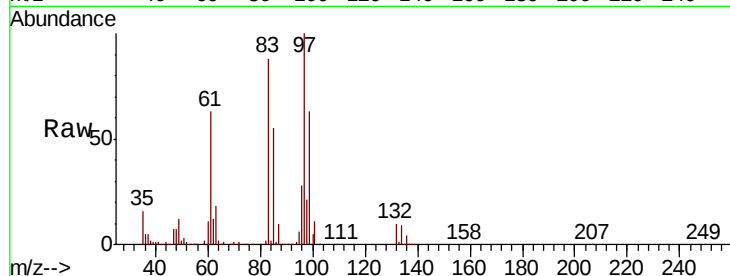




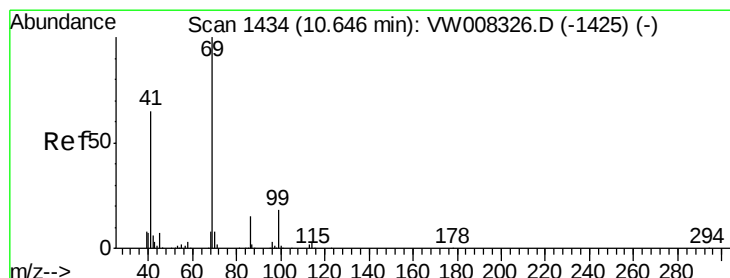
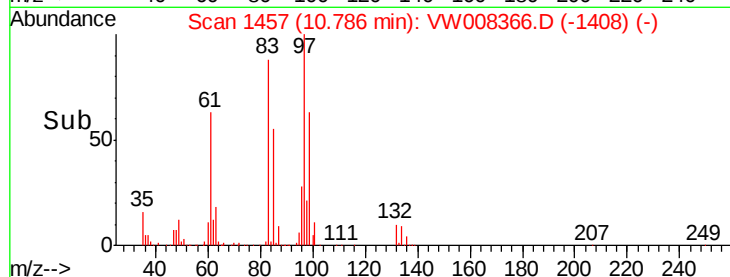
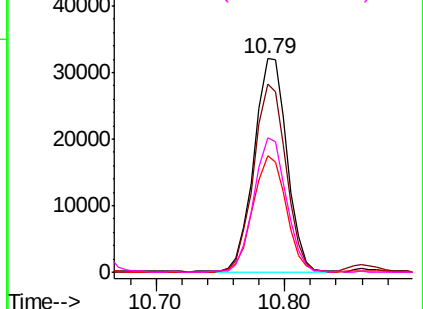
#55
 1,1,2-Trichloroethane
 Concen: 46.621 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	56243
Ion	Ratio	Lower	Upper
97	100		
83	88.5	65.3	97.9
85	54.9	42.6	64.0
99	63.1	50.2	75.2

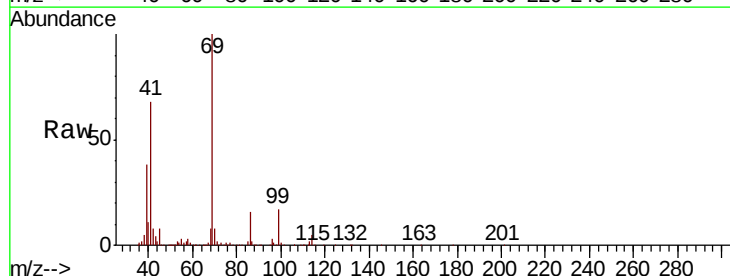


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

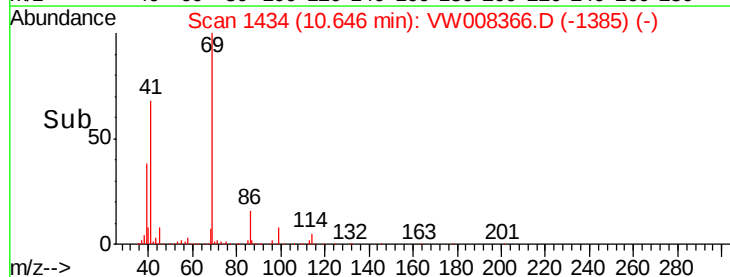
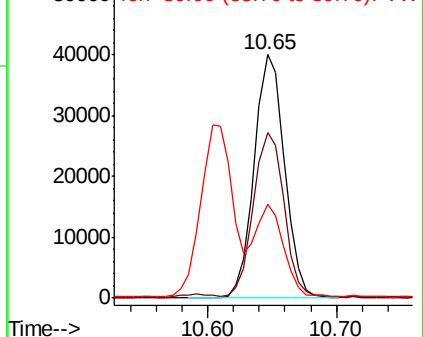


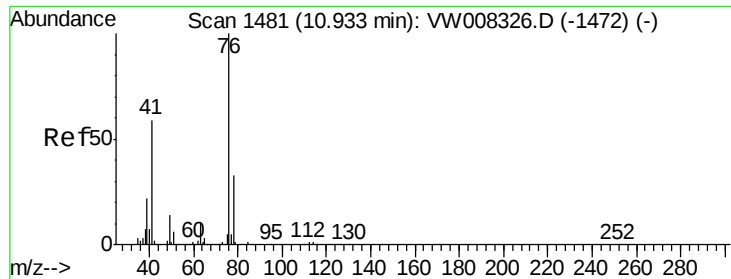
#56
 Ethyl methacrylate
 Concen: 45.938 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Tgt Ion:	69	Resp:	65085
Ion	Ratio	Lower	Upper
69	100		
41	68.3	52.9	79.3
39	35.9	28.4	42.6



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

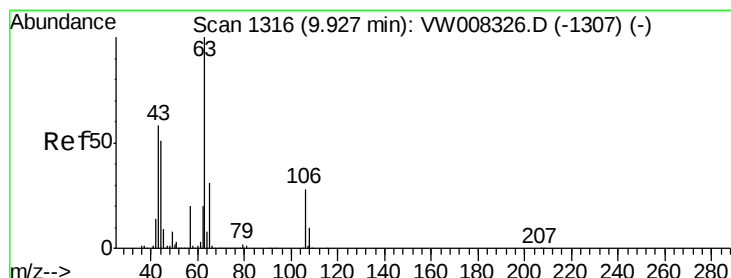
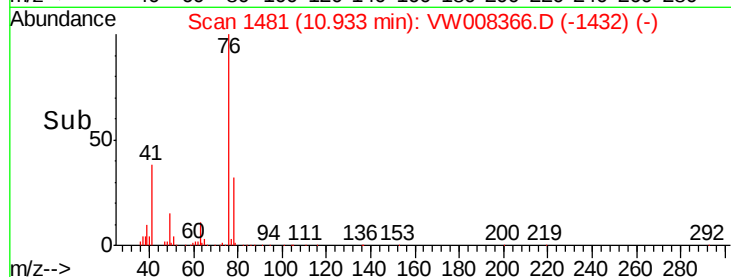
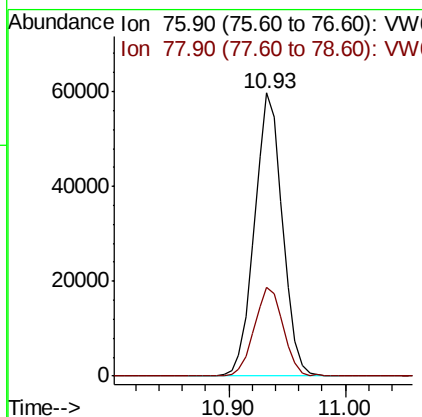
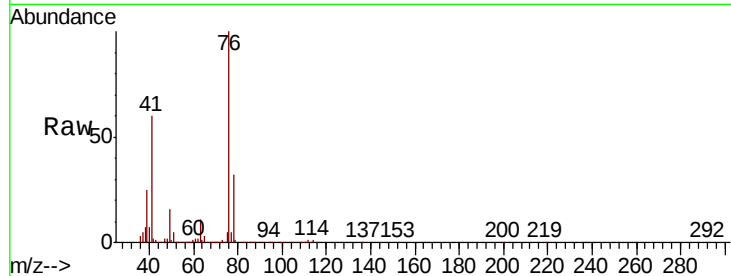




#57
 1,3-Dichloropropane
 Concen: 47.791 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

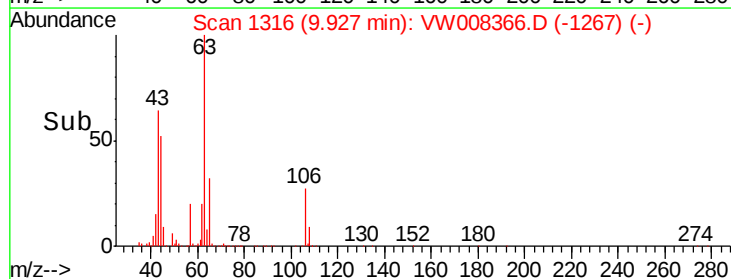
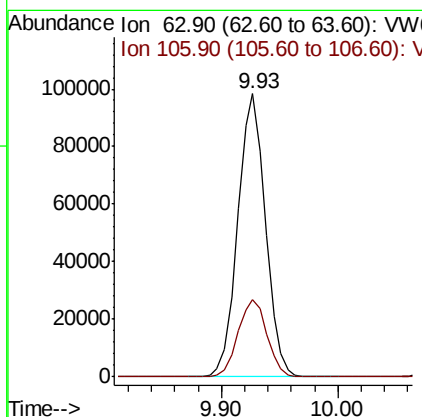
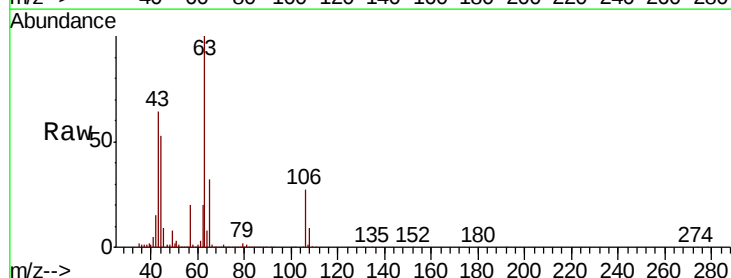
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

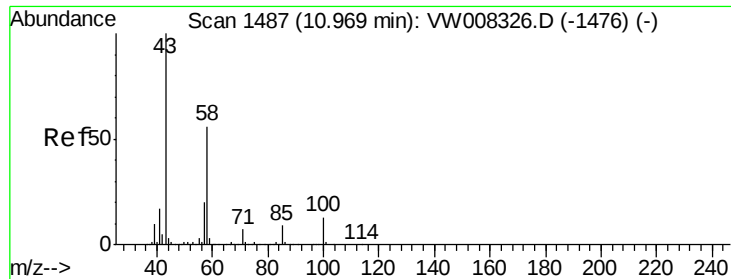
Tgt Ion: 76 Resp: 100105
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.476 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Tgt Ion: 63 Resp: 162291
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.9 34.3

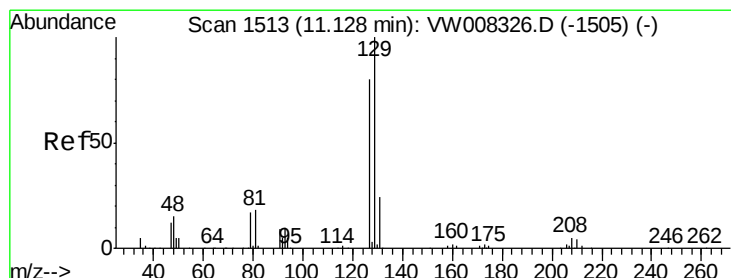
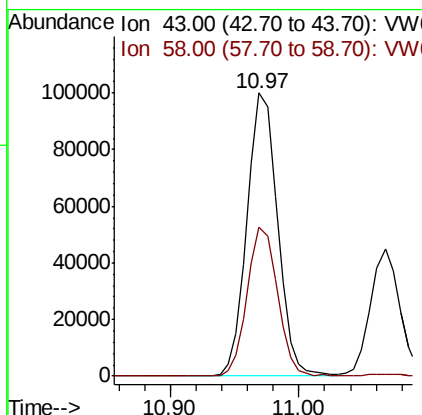
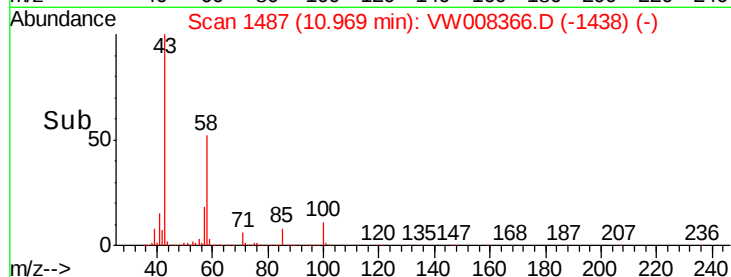
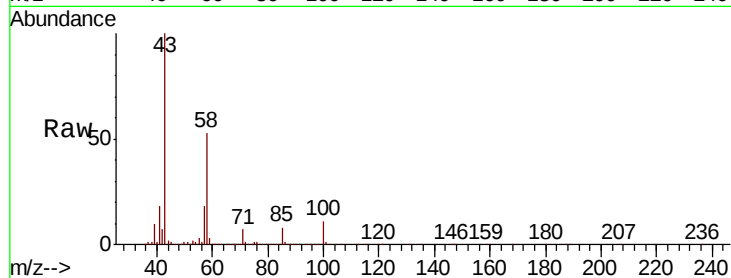




#59
2-Hexanone
Concen: 249.931 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

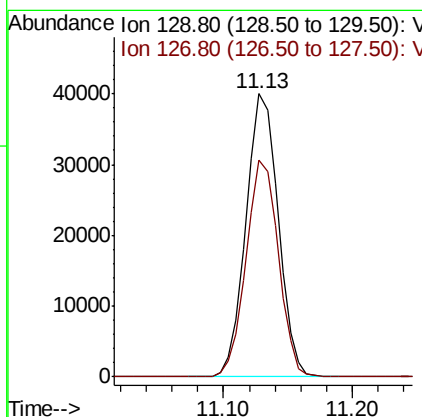
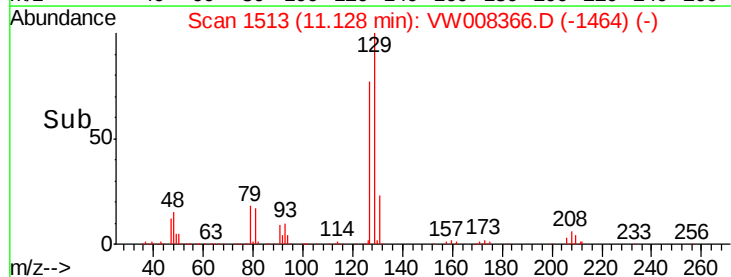
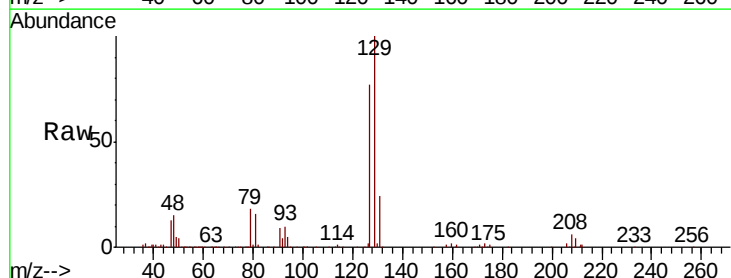
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

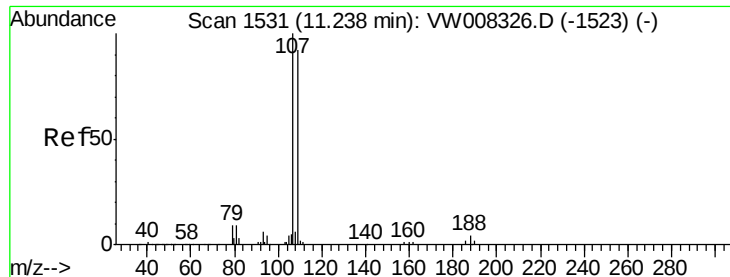
Tgt Ion: 43 Resp: 163818
Ion Ratio Lower Upper
43 100
58 52.5 27.5 82.5



#60
Dibromochloromethane
Concen: 48.080 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion: 129 Resp: 69225
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 46.462 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

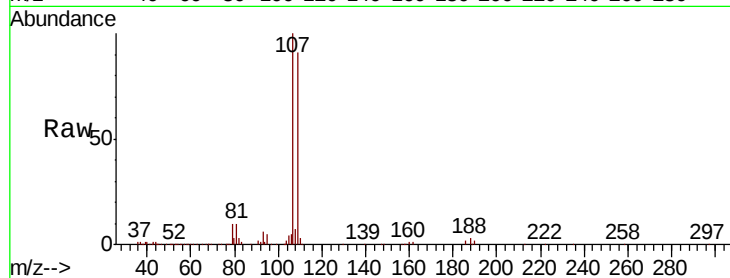
VSTDCCC050

Tgt Ion: 107 Resp: 54277

Ion Ratio Lower Upper

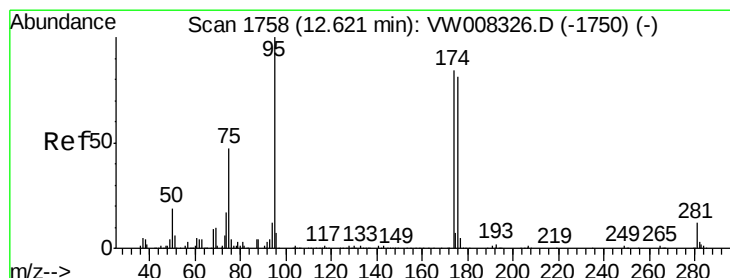
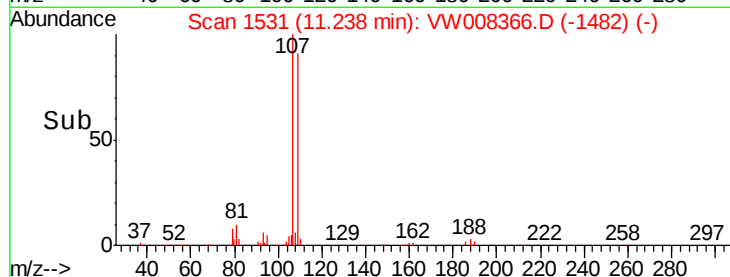
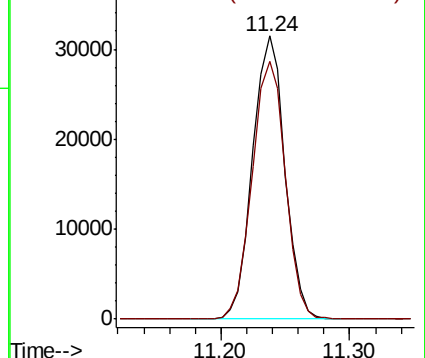
107 100

109 93.8 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.553 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

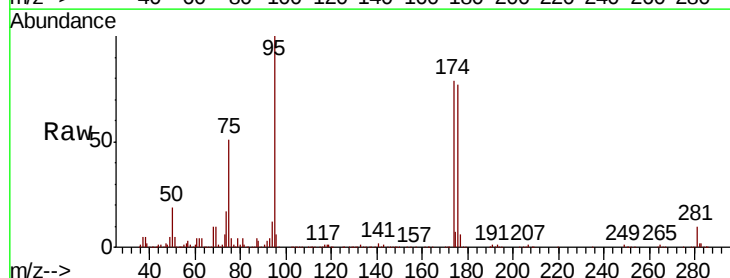
Tgt Ion: 95 Resp: 98704

Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.0

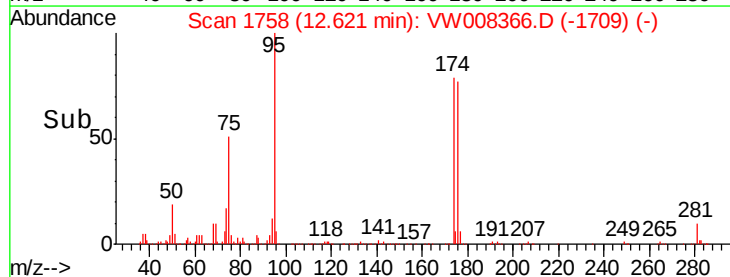
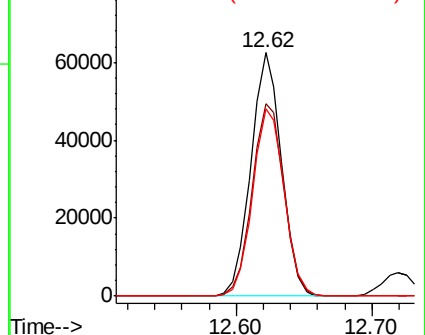
176 79.5 0.0 160.0

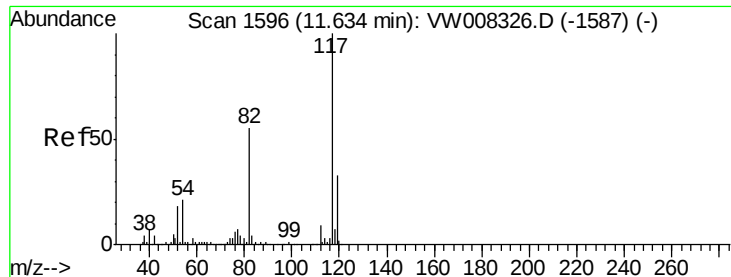


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

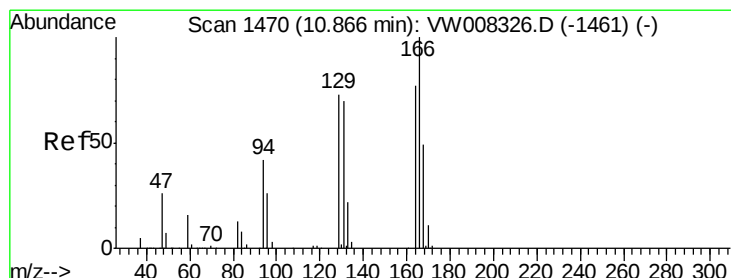
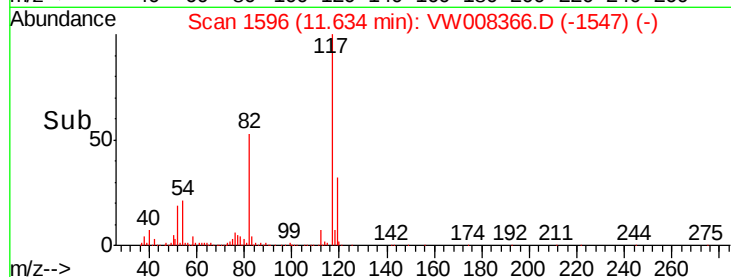
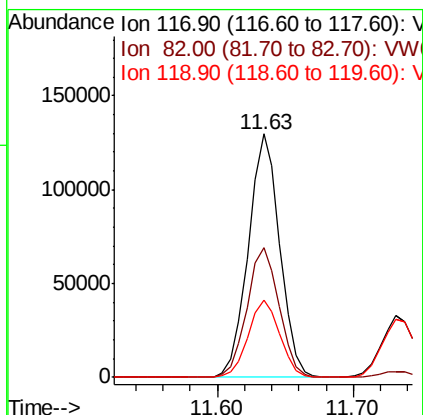
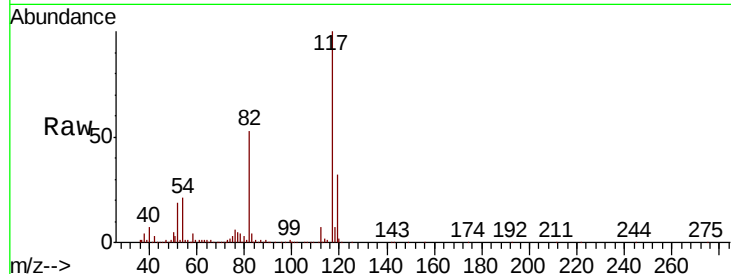




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

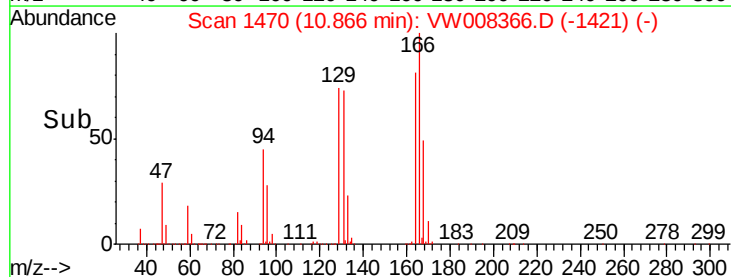
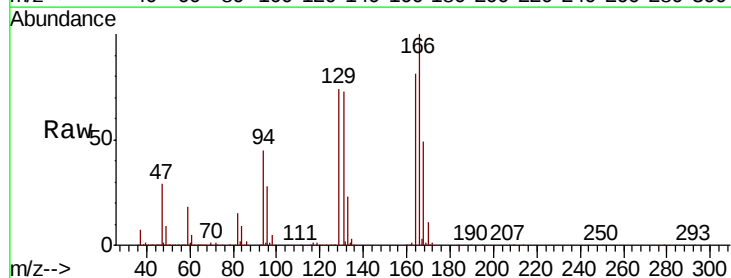
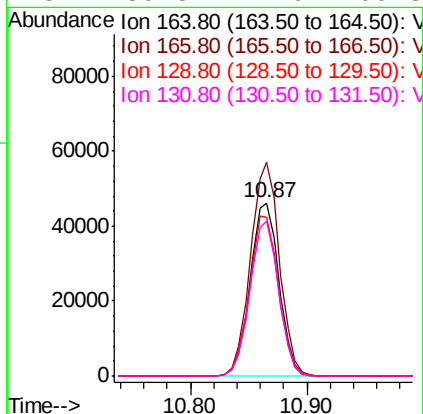
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

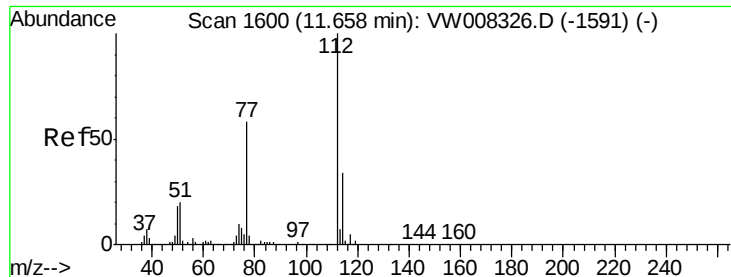
Tgt Ion:117 Resp: 209941
Ion Ratio Lower Upper
117 100
82 53.1 44.3 66.5
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 54.135 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion:164 Resp: 79691
Ion Ratio Lower Upper
164 100
166 123.4 103.4 155.2
129 91.5 75.0 112.6
131 89.8 72.9 109.3

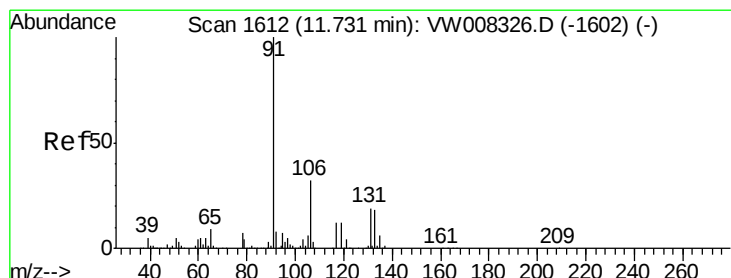
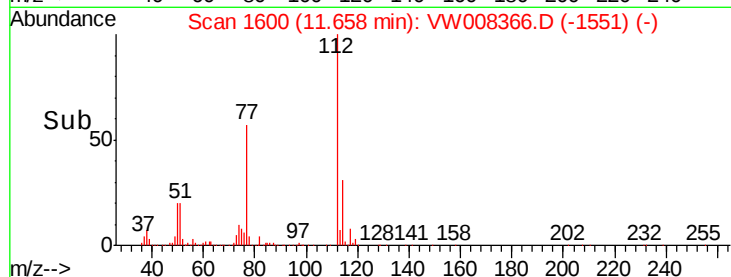
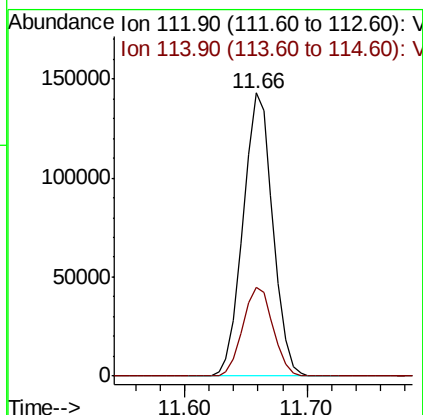
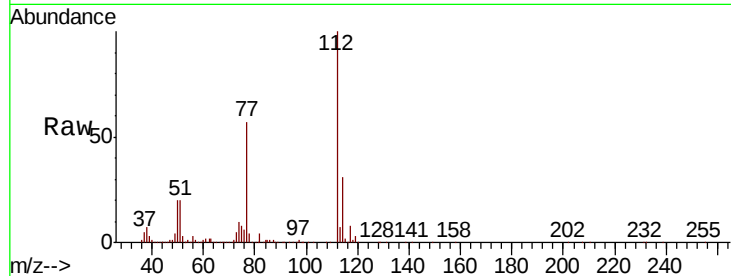




#65
Chlorobenzene
Concen: 52.620 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

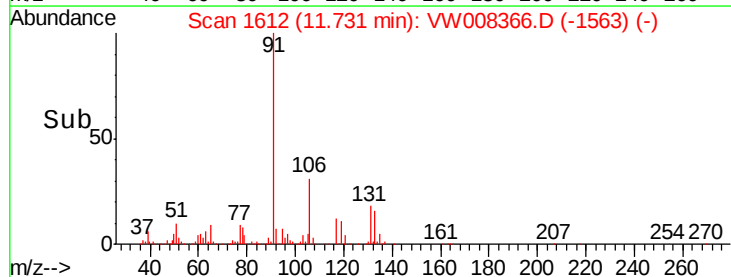
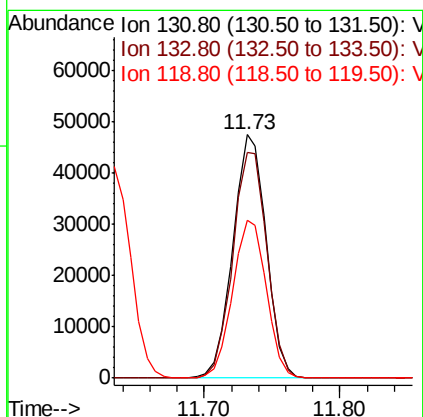
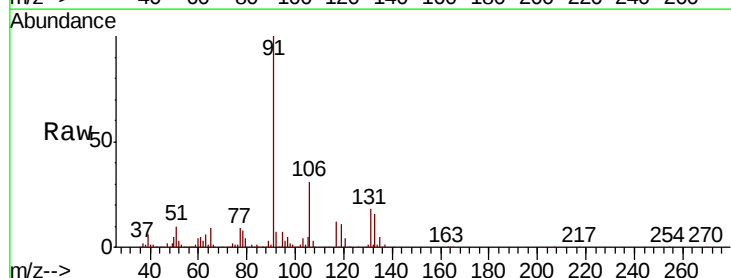
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

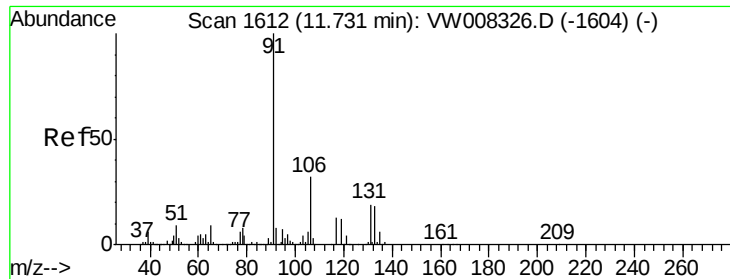
Tgt Ion:112 Resp: 240962
Ion Ratio Lower Upper
112 100
114 31.4 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.354 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion:131 Resp: 80937
Ion Ratio Lower Upper
131 100
133 95.3 48.2 144.6
119 65.5 31.6 94.7

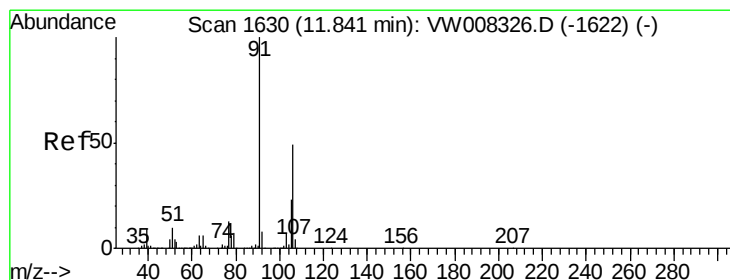
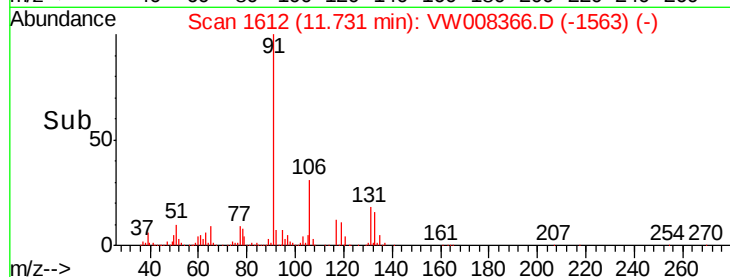
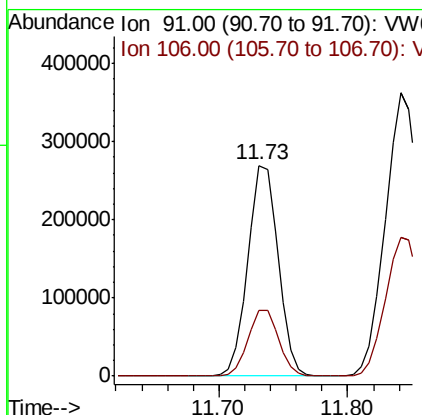
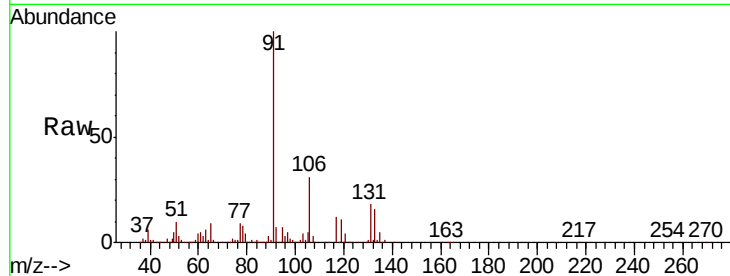




#67
Ethyl Benzene
Concen: 54.841 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

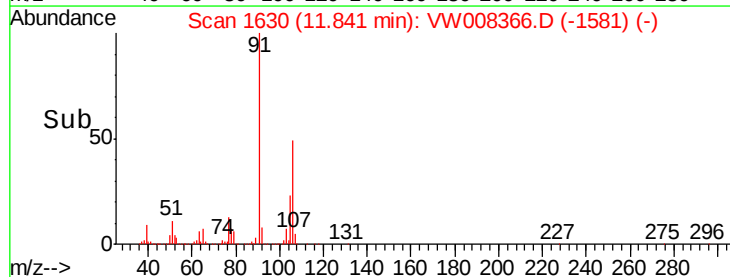
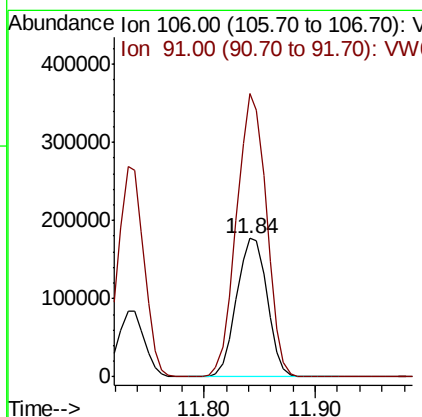
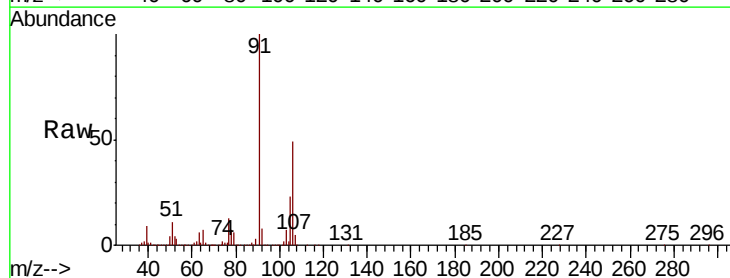
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

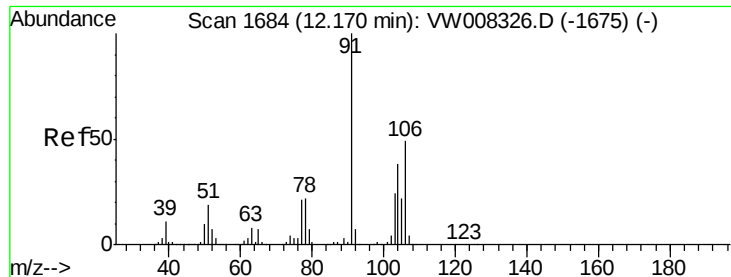
Tgt Ion: 91 Resp: 436049
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 109.649 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion: 106 Resp: 338399
Ion Ratio Lower Upper
106 100
91 199.9 158.4 237.6

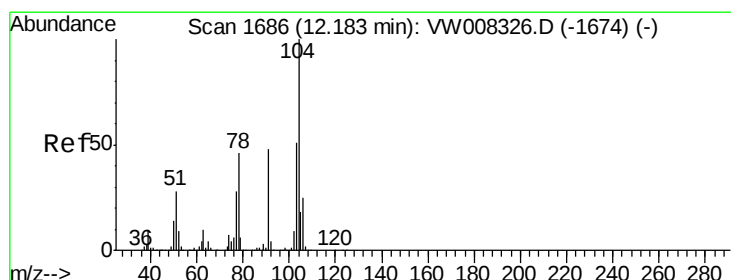
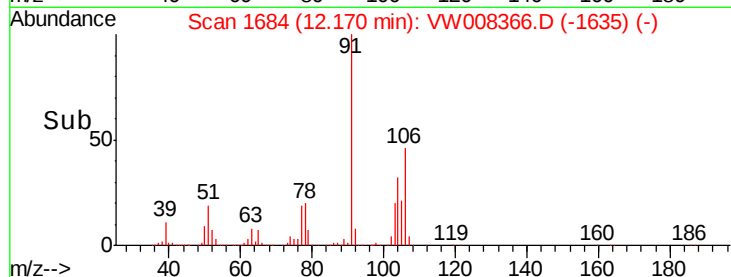
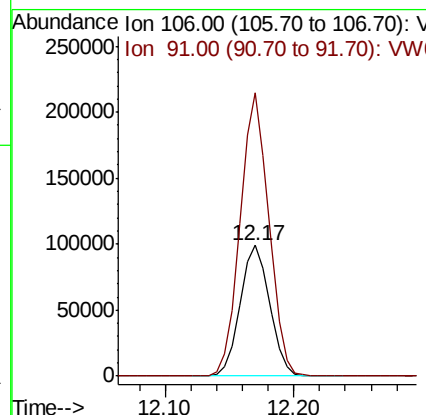
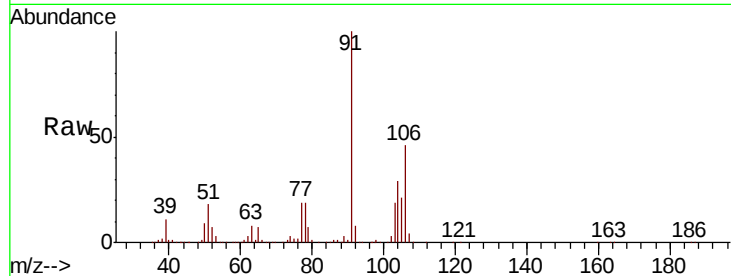




#69
o-Xylene
Concen: 54.683 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

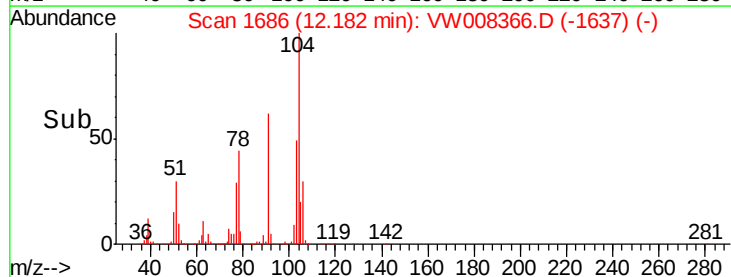
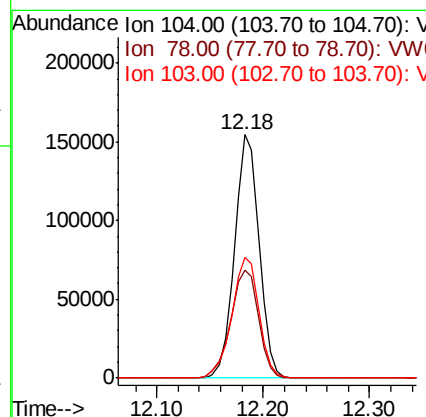
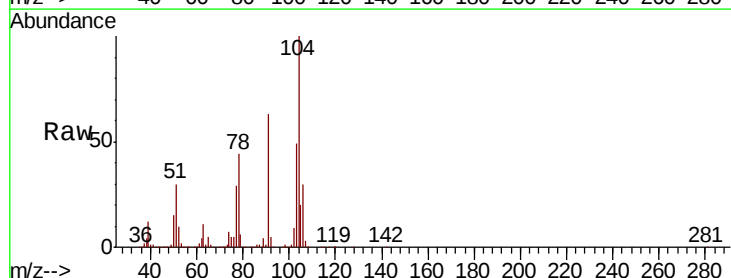
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

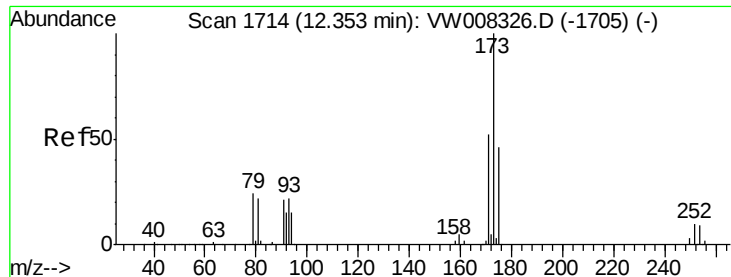
Tgt Ion:106 Resp: 157667
Ion Ratio Lower Upper
106 100
91 210.1 104.1 312.3



#70
Styrene
Concen: 53.904 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion:104 Resp: 249651
Ion Ratio Lower Upper
104 100
78 50.5 39.8 59.6
103 54.6 44.0 66.0

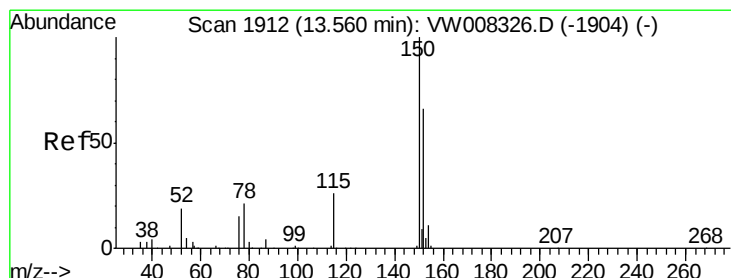
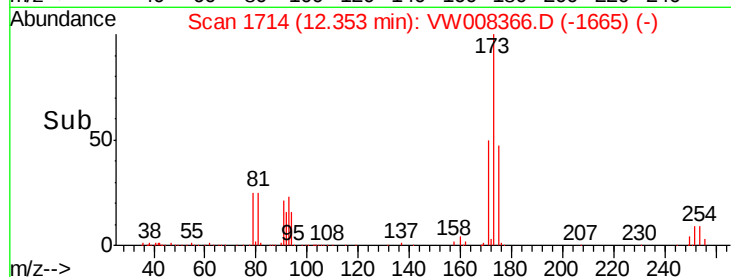
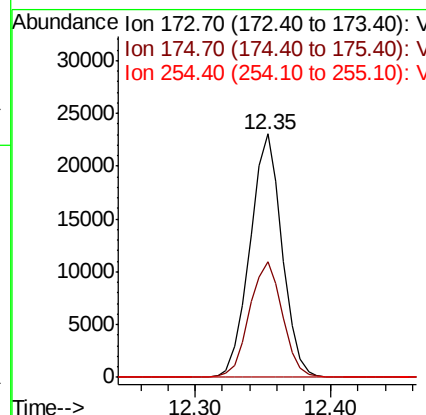
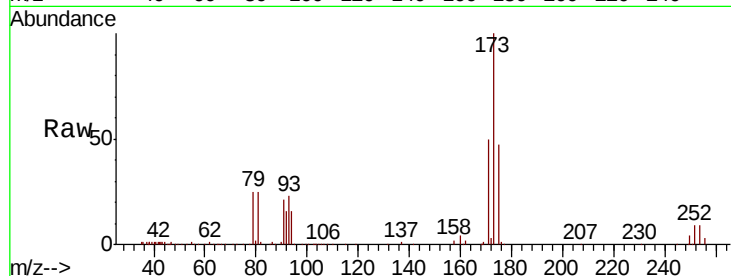




#71
Bromoform
Concen: 48.590 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

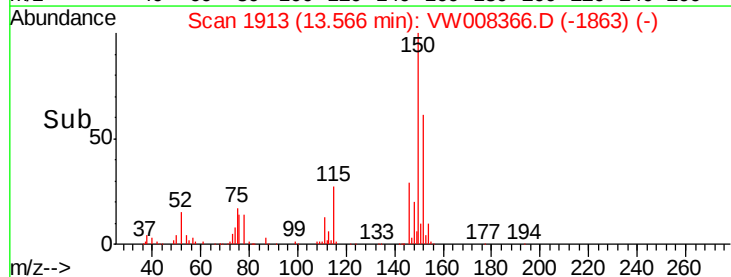
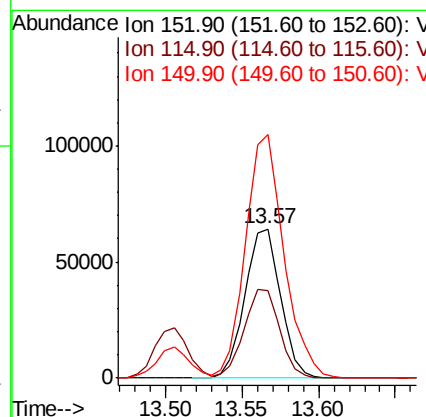
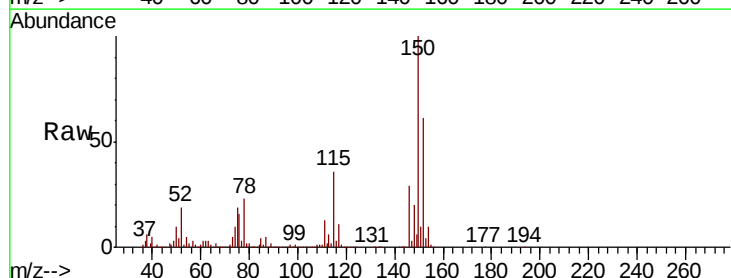
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

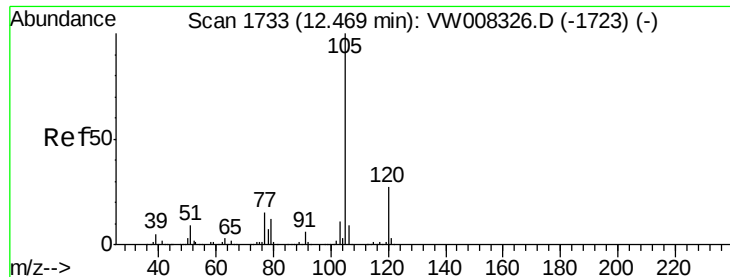
Tgt Ion:173 Resp: 38150
Ion Ratio Lower Upper
173 100
175 49.0 23.6 70.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion:152 Resp: 103918
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.4
150 176.3 0.0 351.4





#73

Isopropylbenzene

Concen: 57.802 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

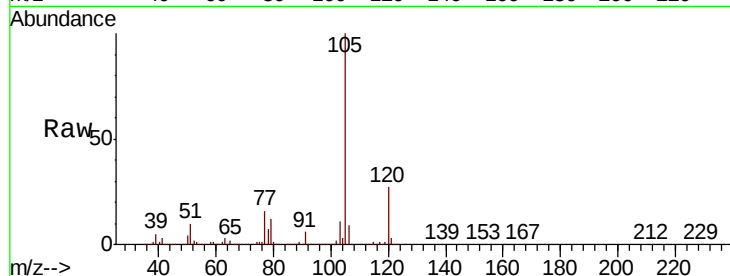
VSTDCCC050

Tgt Ion:105 Resp: 437664

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

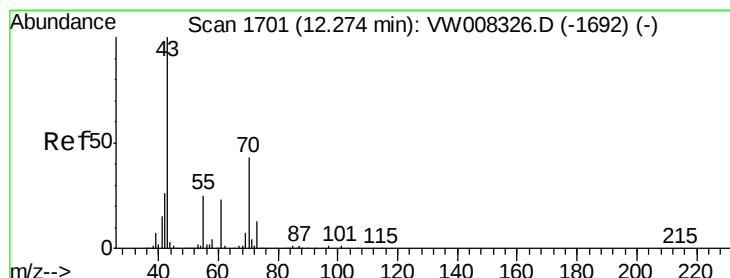
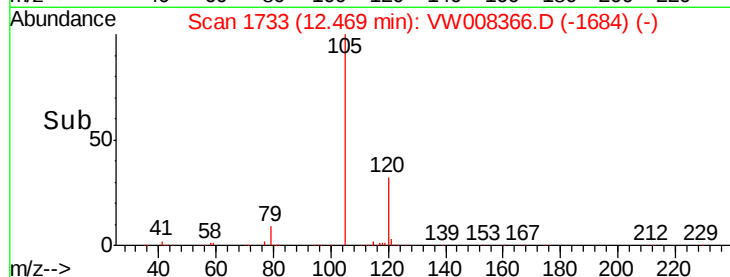
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 47.298 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Tgt Ion: 43 Resp: 76748

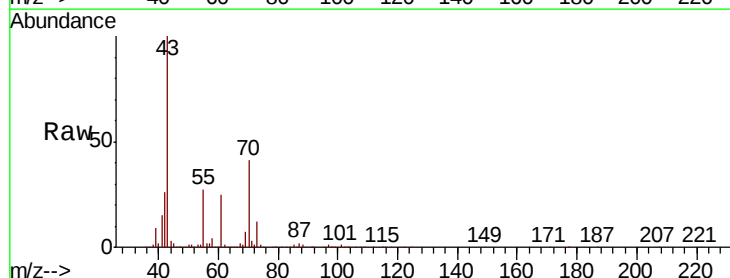
Ion Ratio Lower Upper

43 100

70 42.4 34.6 52.0

55 25.5 20.0 30.0

61 24.2 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

80000

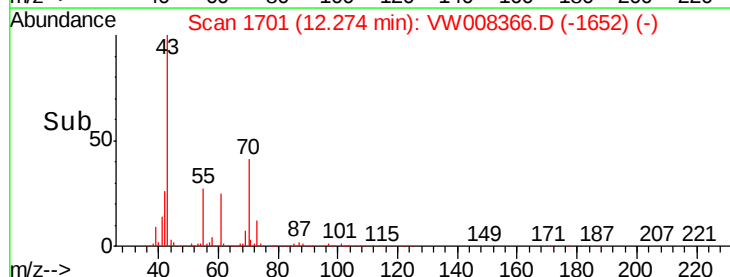
60000

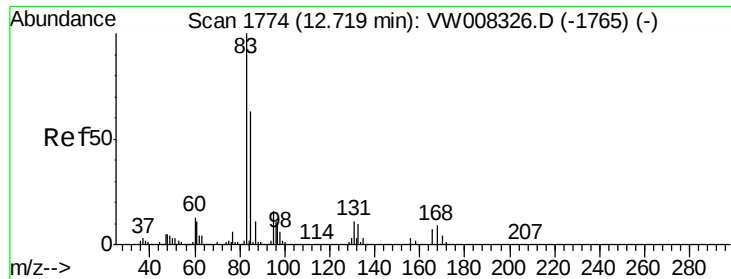
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.783 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

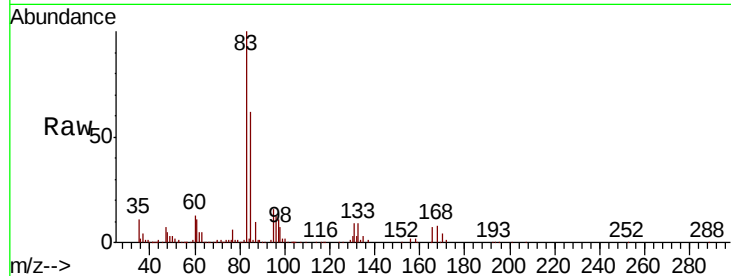
Tgt Ion: 83 Resp: 61540

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

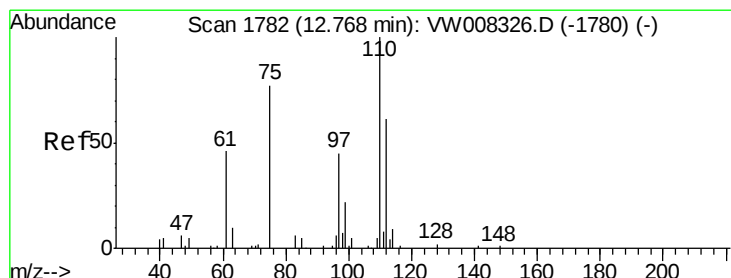
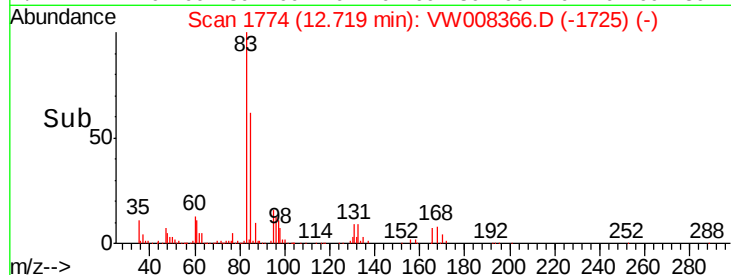
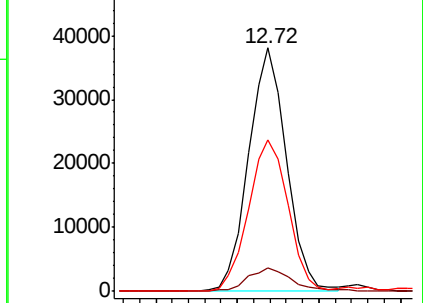
85 64.7 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 87.970 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008366.D

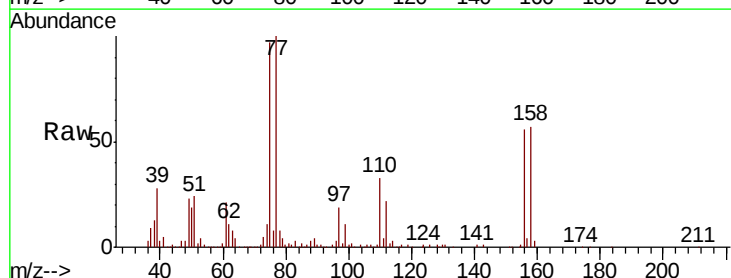
Acq: 21 Jan 2019 10:50

Tgt Ion: 75 Resp: 83249

Ion Ratio Lower Upper

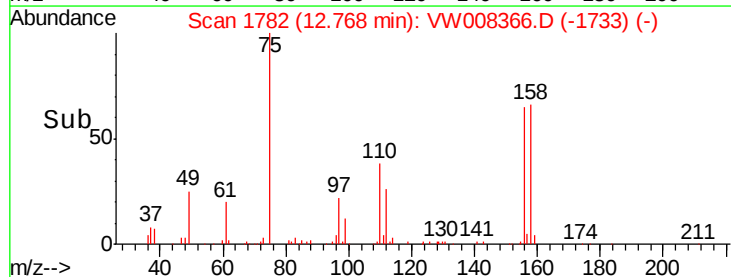
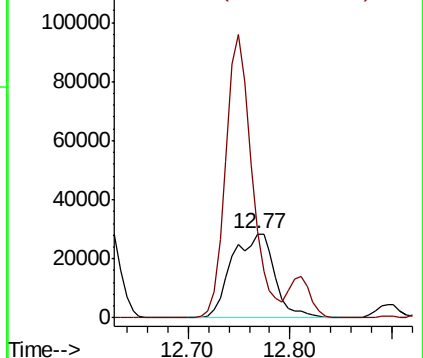
75 100

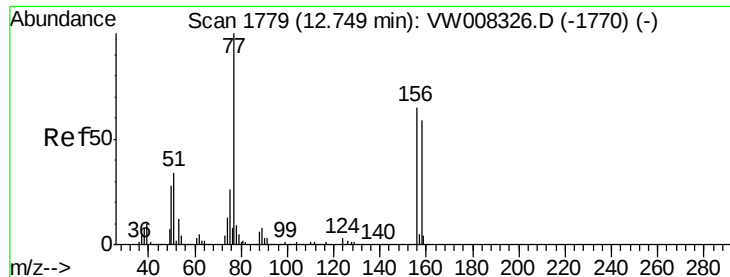
77 206.7 175.3 526.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.913 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

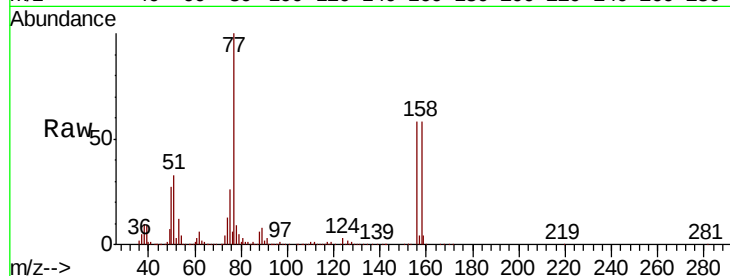
Tgt Ion: 156 Resp: 92597

Ion Ratio Lower Upper

156 100

77 185.8 88.3 264.9

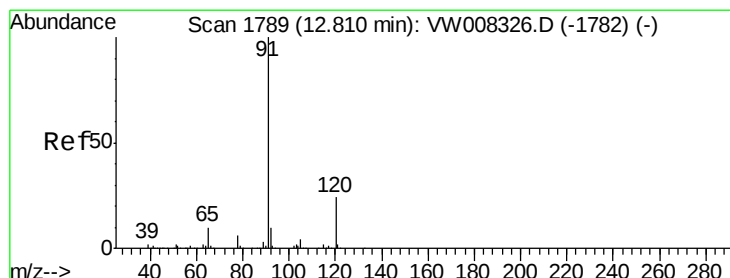
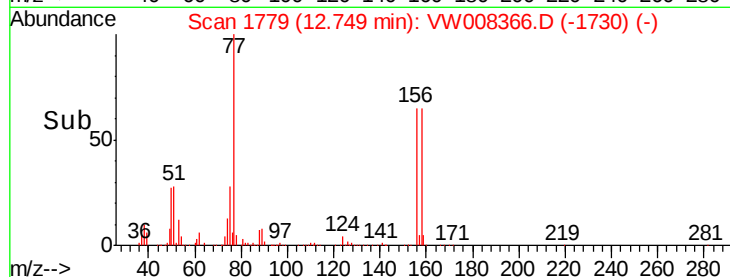
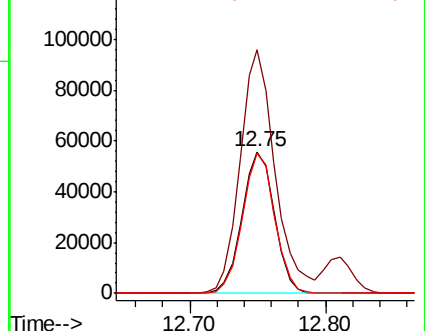
158 98.4 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.863 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008366.D

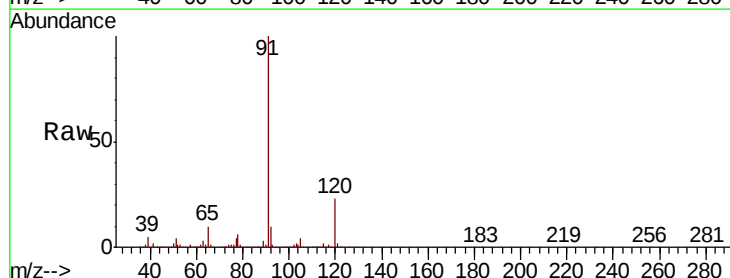
Acq: 21 Jan 2019 10:50

Tgt Ion: 91 Resp: 530293

Ion Ratio Lower Upper

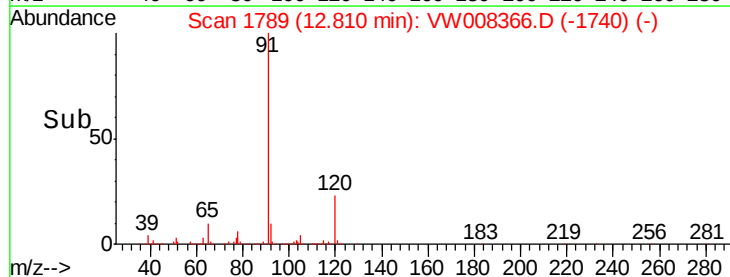
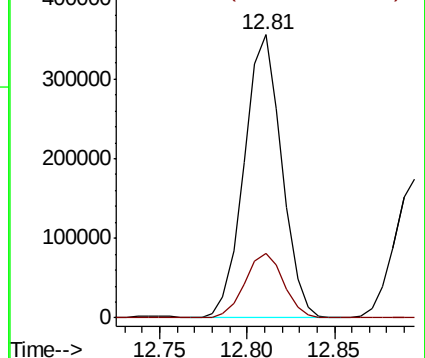
91 100

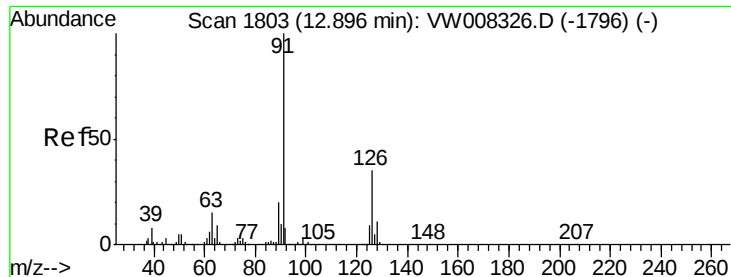
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.631 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

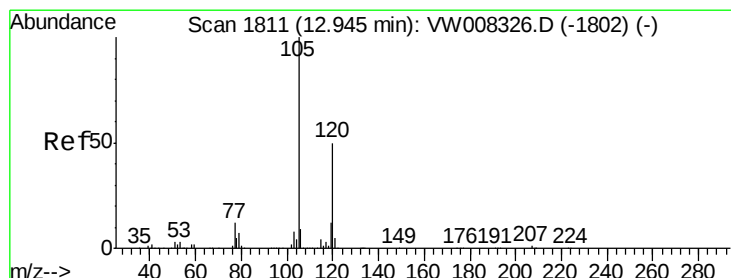
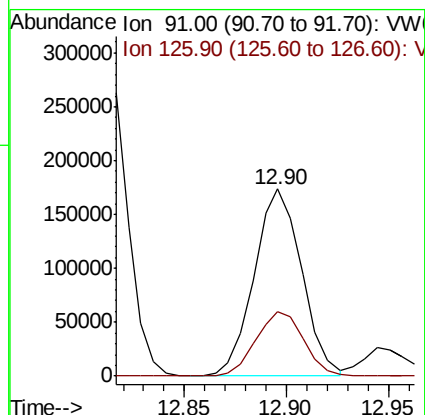
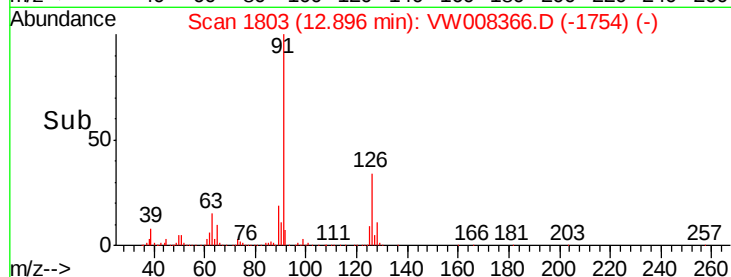
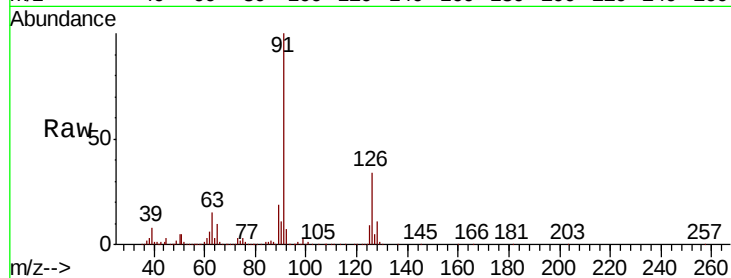
VSTDCCC050

Tgt Ion: 91 Resp: 280828

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 56.120 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008366.D

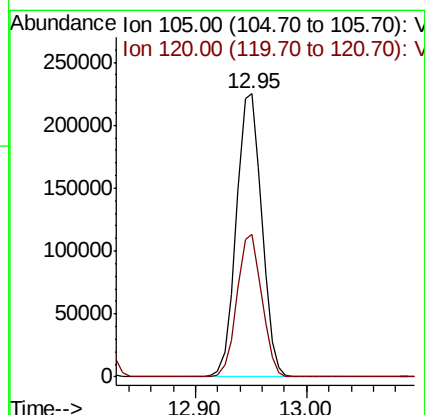
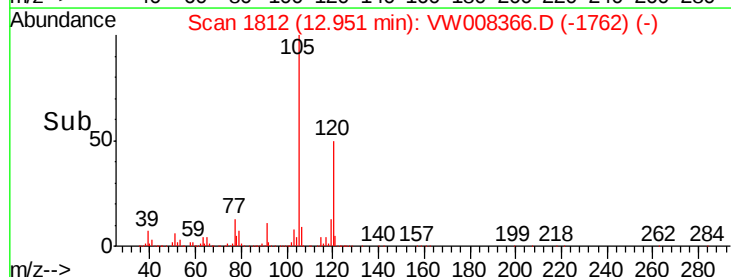
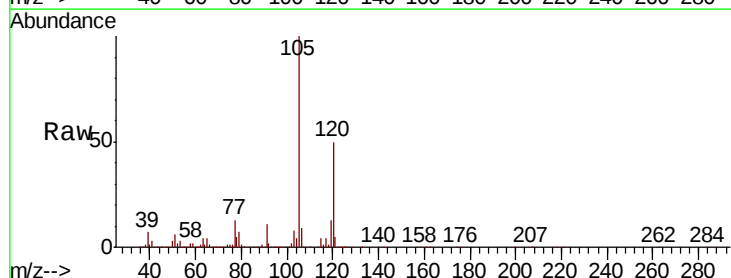
Acq: 21 Jan 2019 10:50

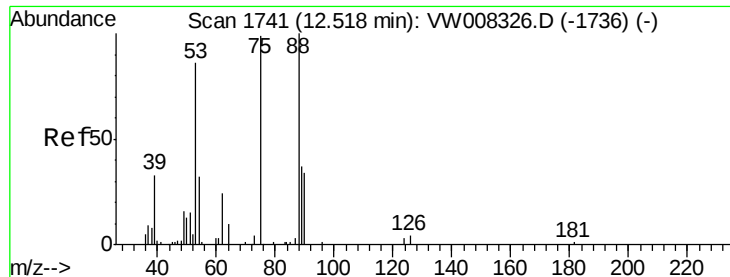
Tgt Ion: 105 Resp: 354589

Ion Ratio Lower Upper

105 100

120 49.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.860 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

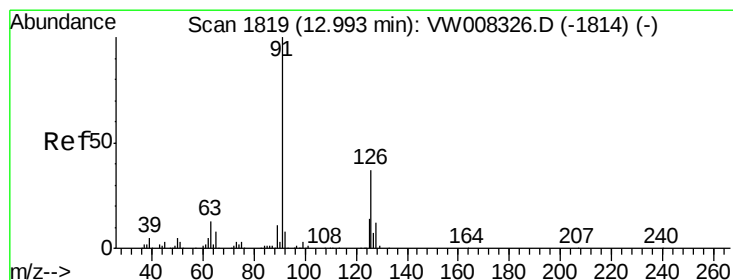
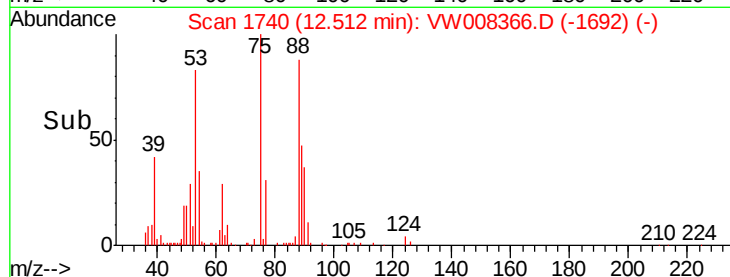
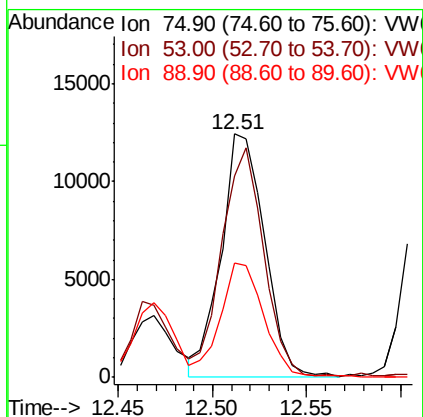
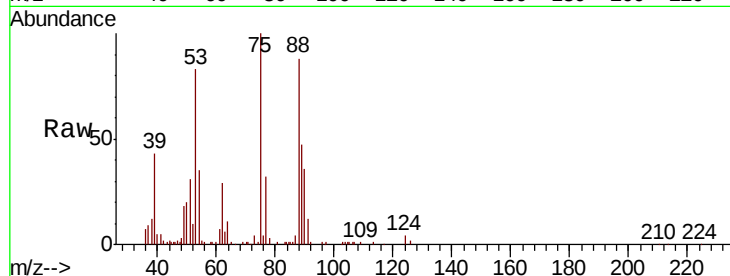
Tgt Ion: 75 Resp: 19772

Ion Ratio Lower Upper

75 100

53 92.4 76.2 114.4

89 47.9 36.7 55.1



#82

4-Chlorotoluene

Concen: 54.522 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008366.D

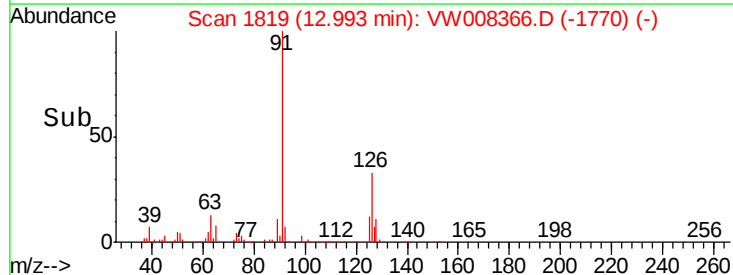
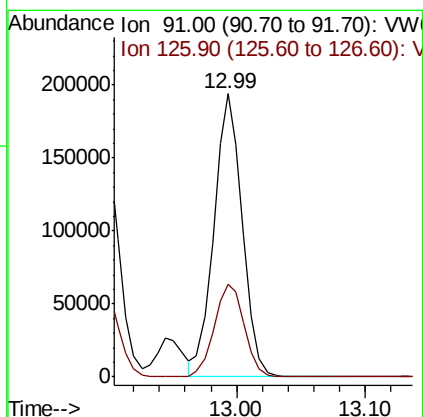
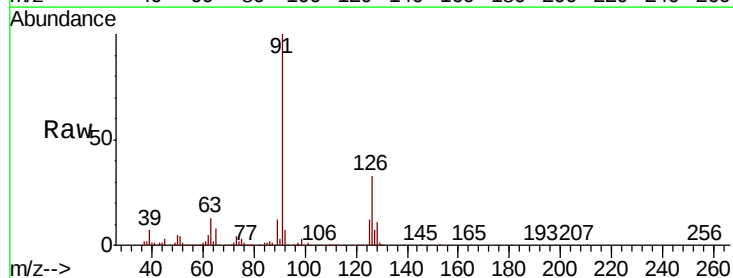
Acq: 21 Jan 2019 10:50

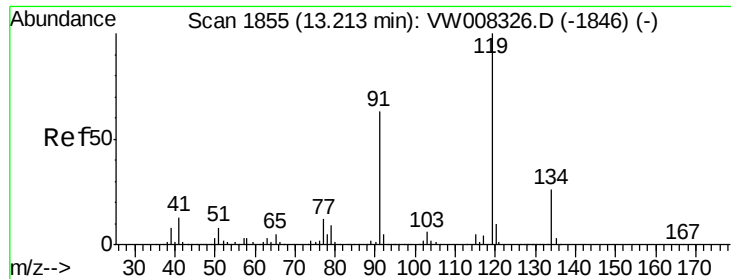
Tgt Ion: 91 Resp: 298334

Ion Ratio Lower Upper

91 100

126 34.8 17.8 53.3

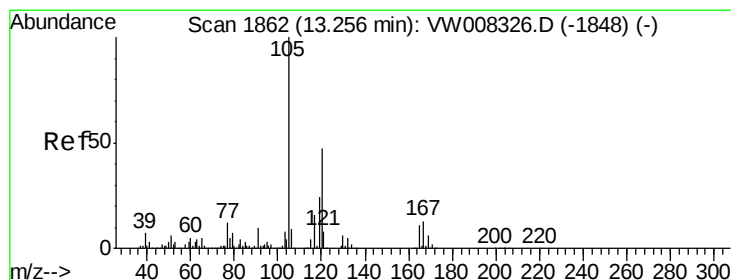
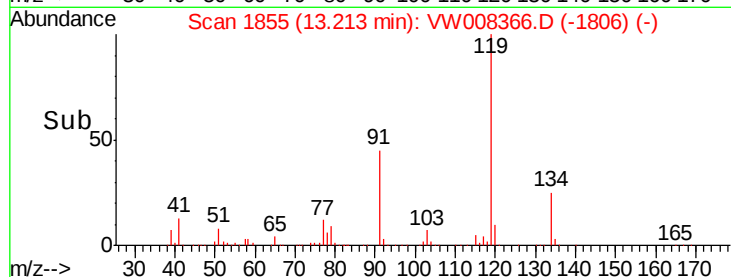
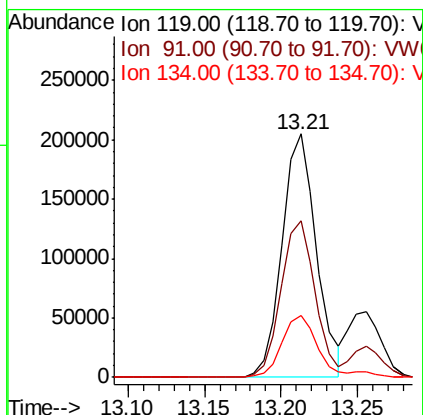
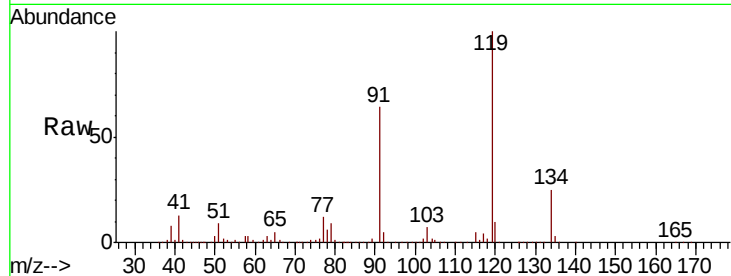




#83
tert-Butylbenzene
Concen: 57.361 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

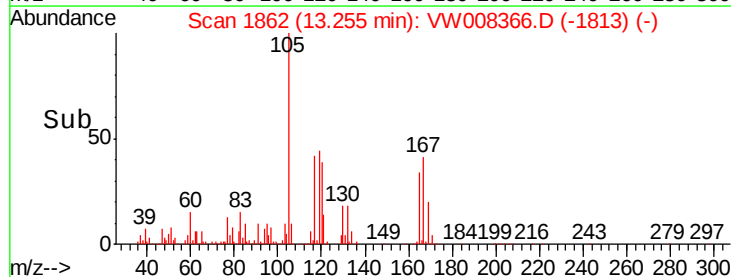
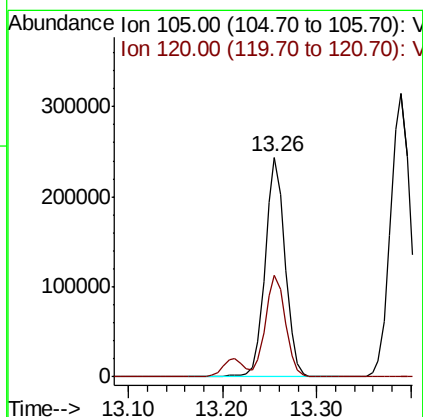
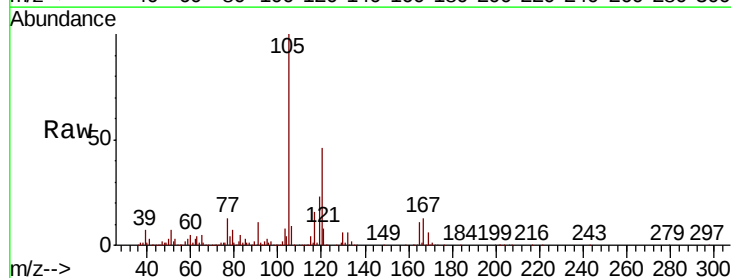
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

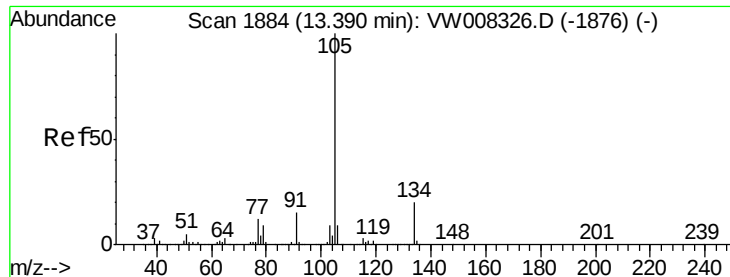
Tgt Ion:119 Resp: 318992
Ion Ratio Lower Upper
119 100
91 64.1 32.4 97.0
134 25.7 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 56.385 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion:105 Resp: 362926
Ion Ratio Lower Upper
105 100
120 46.4 23.5 70.6

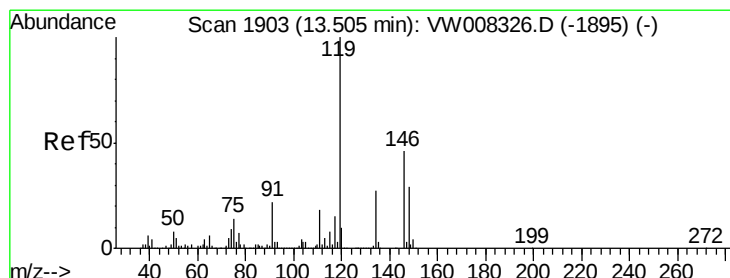
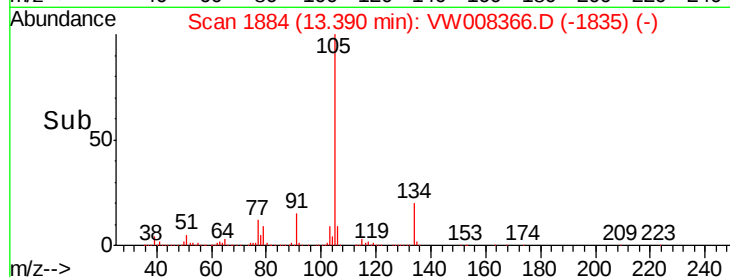
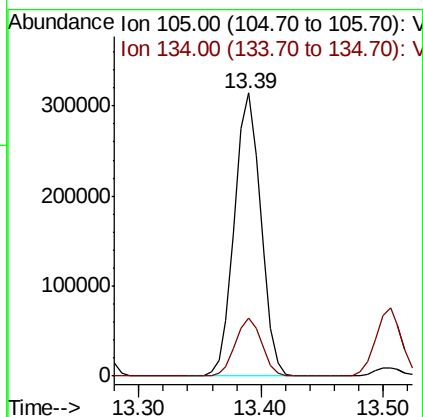
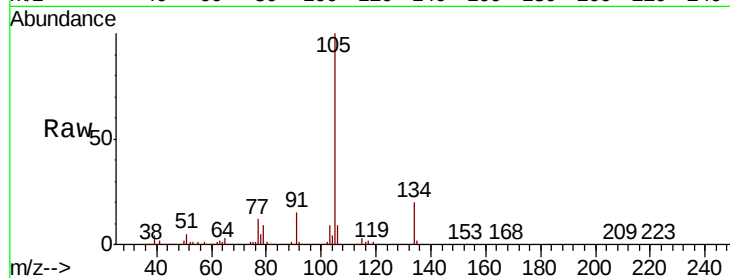




#85
 sec-Butylbenzene
 Concen: 58.712 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

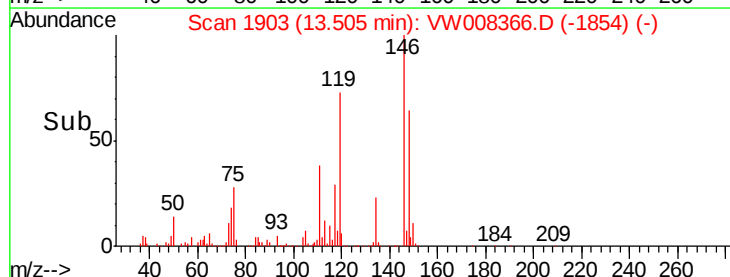
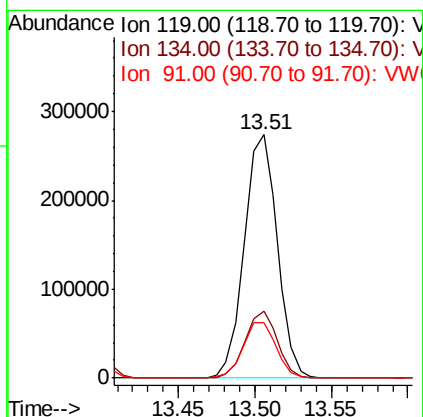
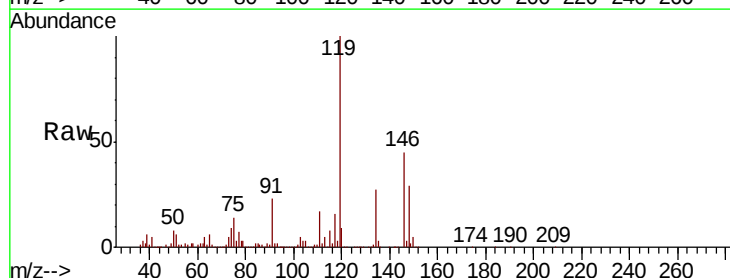
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

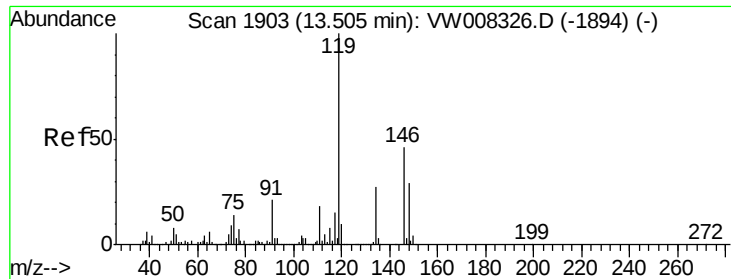
Tgt Ion:105 Resp: 468794
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 58.810 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Tgt Ion:119 Resp: 410128
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.7 41.0
 91 23.0 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 53.526 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

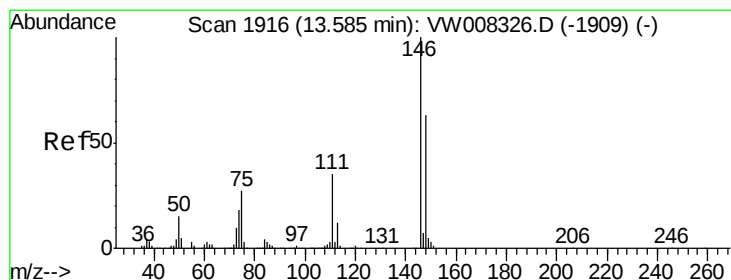
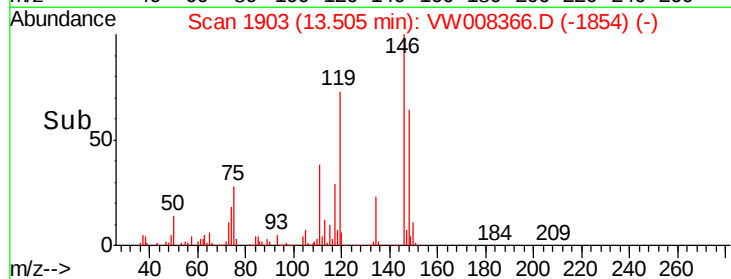
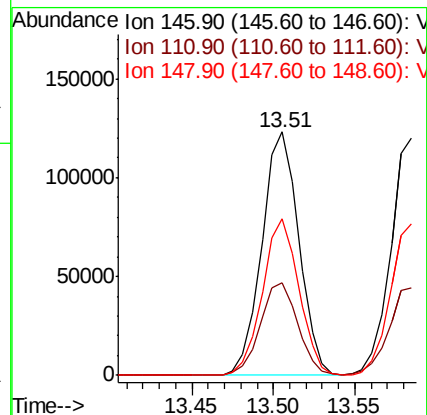
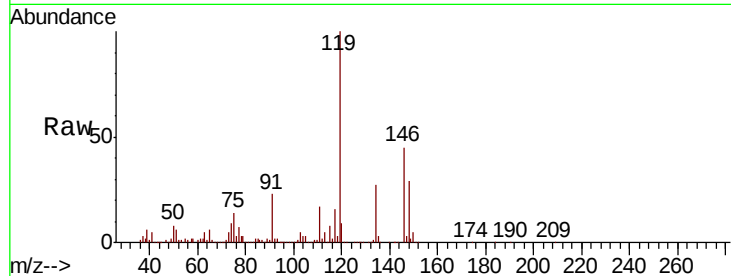
Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 193422

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.9	59.7
148	63.5	31.4	94.3



#88

1,4-Dichlorobenzene

Concen: 52.442 ug/l

RT: 13.58 min Scan# 1916

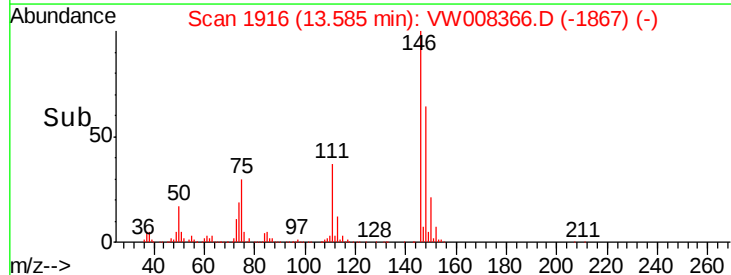
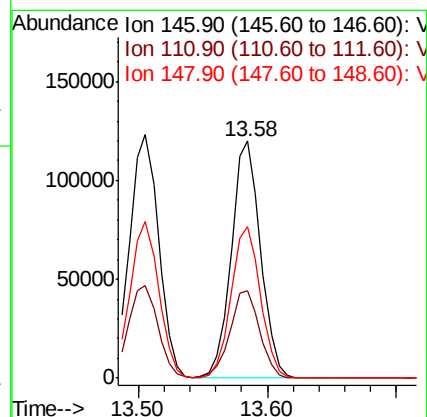
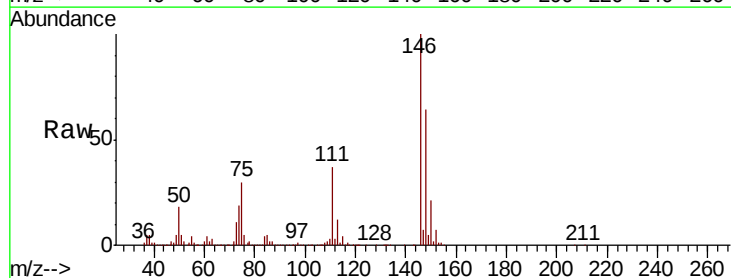
Delta R.T. -0.00 min

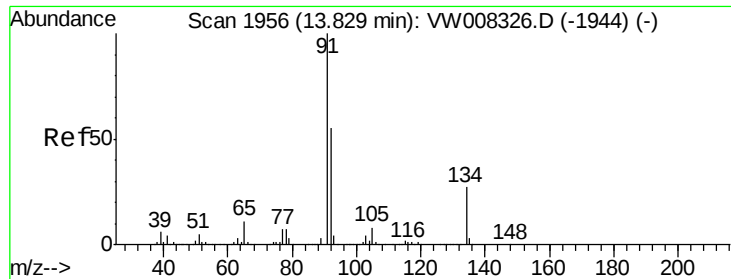
Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Tgt Ion:146 Resp: 189855

Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.5
148	64.5	31.6	94.8





#89

n-Butylbenzene

Concen: 58.784 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008366.D

Acq: 21 Jan 2019 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

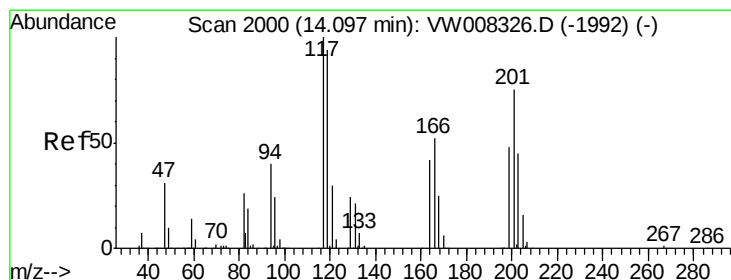
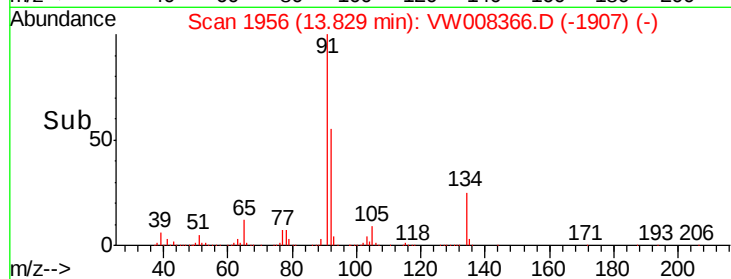
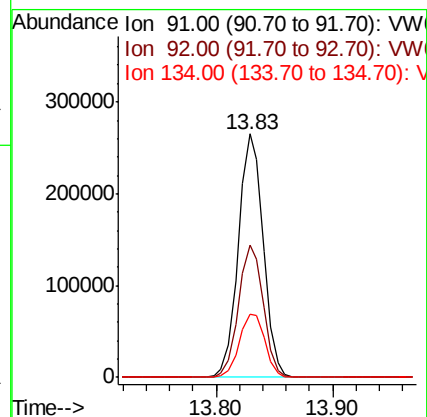
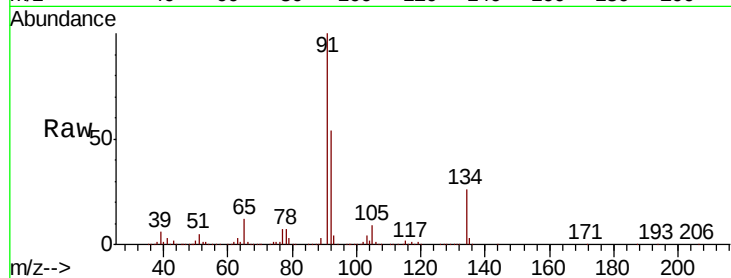
Tgt Ion: 91 Resp: 393233

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.6

134 26.9 13.4 40.1



#90

Hexachloroethane

Concen: 55.767 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008366.D

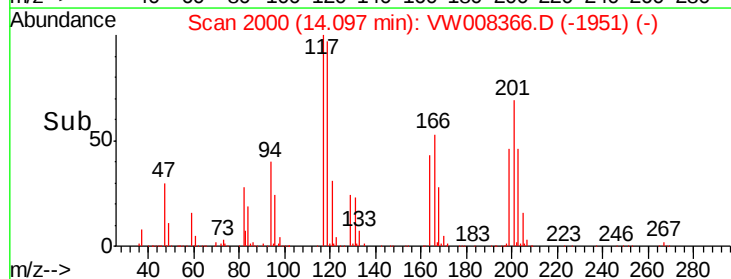
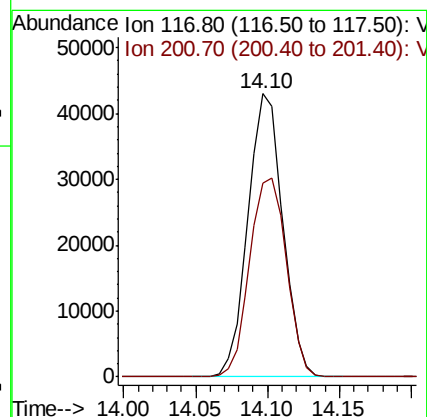
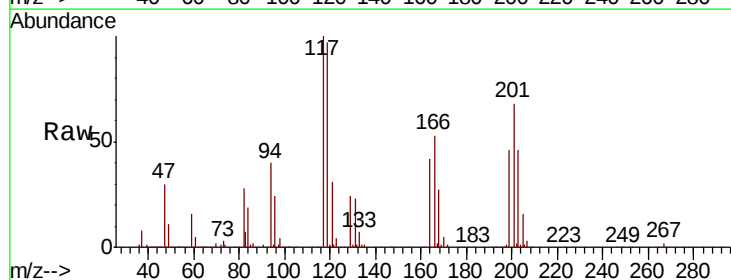
Acq: 21 Jan 2019 10:50

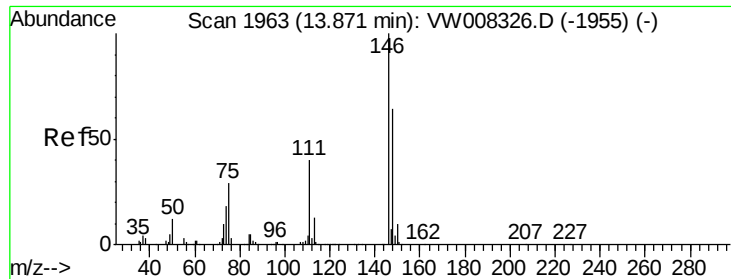
Tgt Ion: 117 Resp: 71972

Ion Ratio Lower Upper

117 100

201 74.0 39.3 117.9

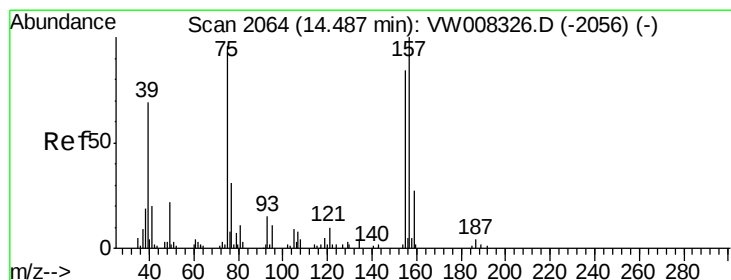
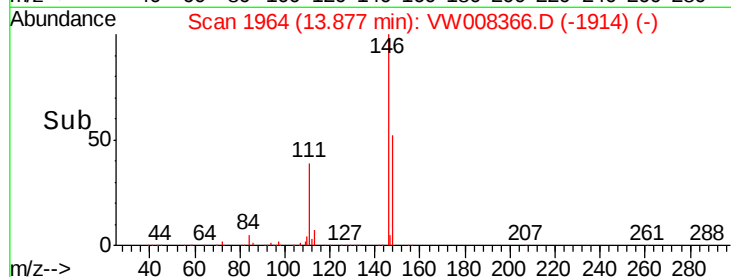
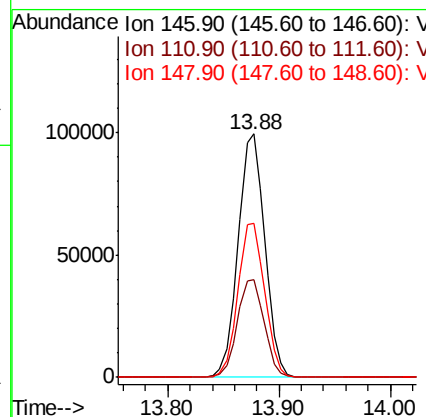
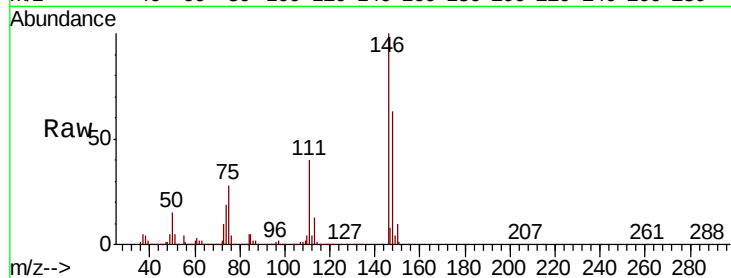




#91
 1,2-Dichlorobenzene
 Concen: 51.776 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

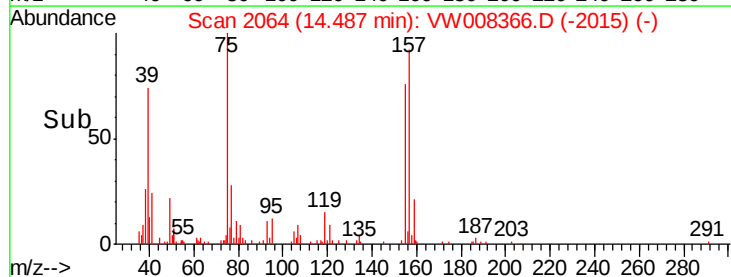
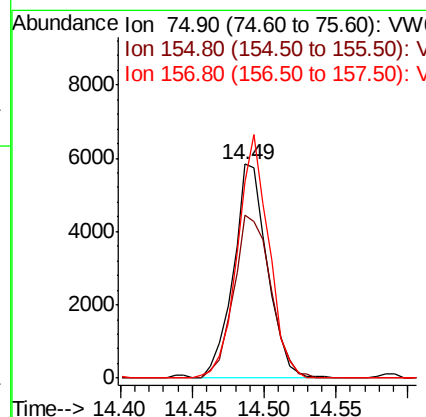
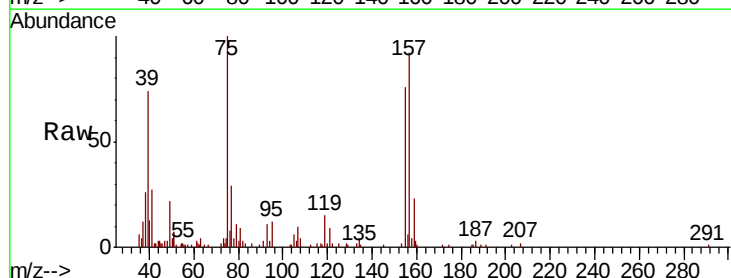
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

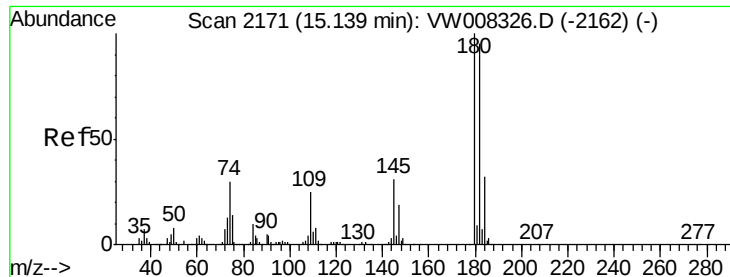
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	63.3	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.785 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	44.7	134.1
157	104.4	53.9	161.8

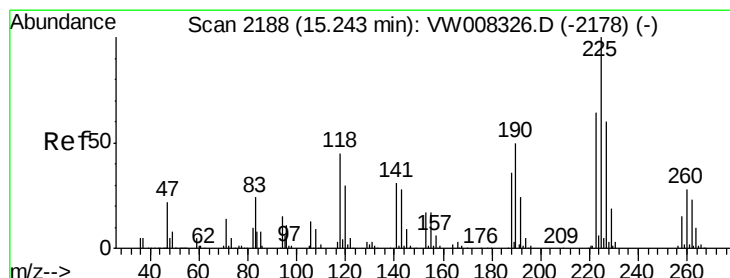
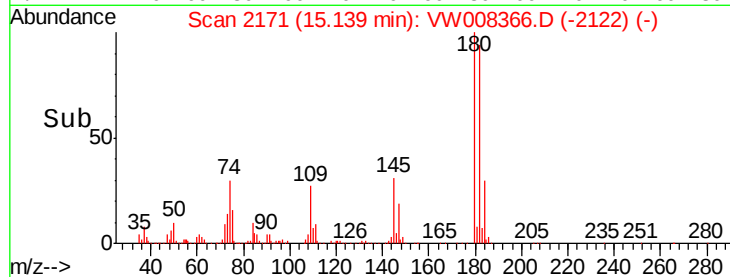
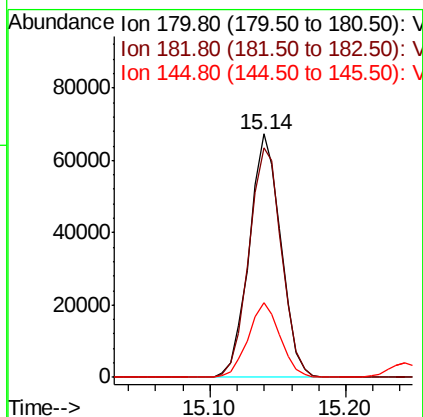
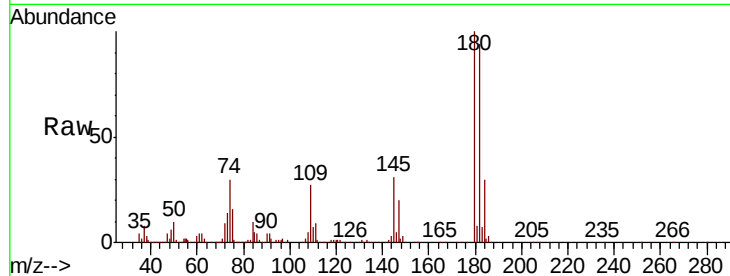




#93
 1,2,4-Trichlorobenzene
 Concen: 50.802 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

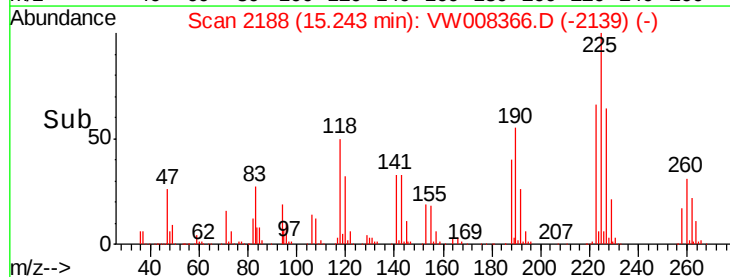
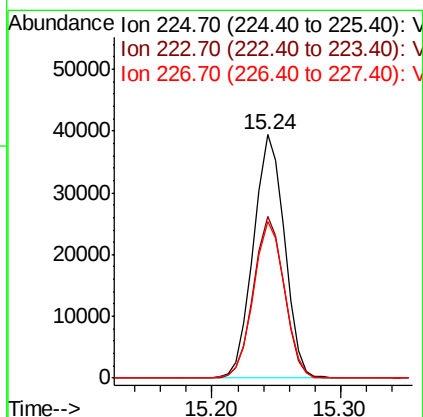
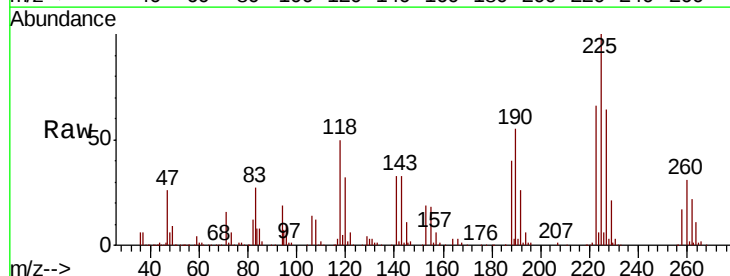
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

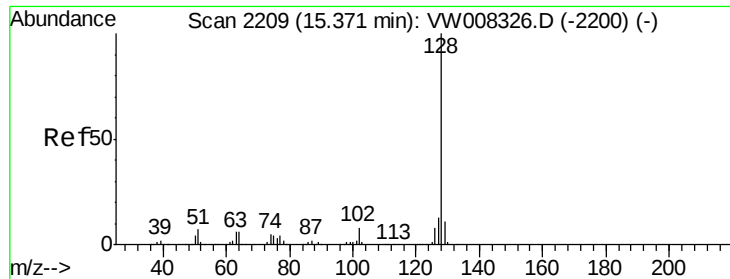
Tgt Ion:180 Resp: 109720
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.6 142.8
 145 31.0 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 53.933 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008366.D
 Acq: 21 Jan 2019 10:50

Tgt Ion:225 Resp: 65647
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.1 93.3
 227 64.2 30.3 90.8

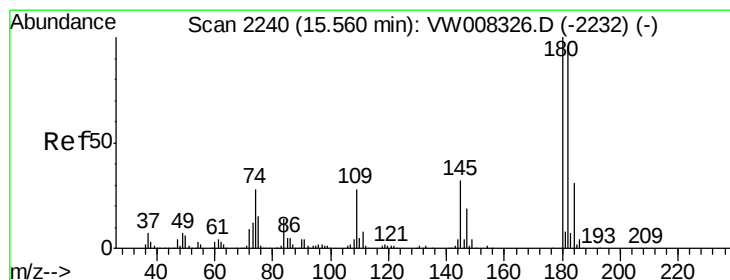
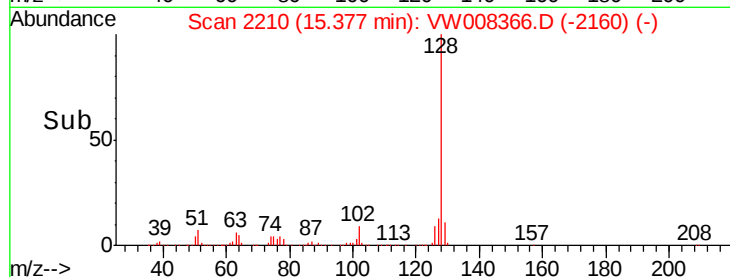
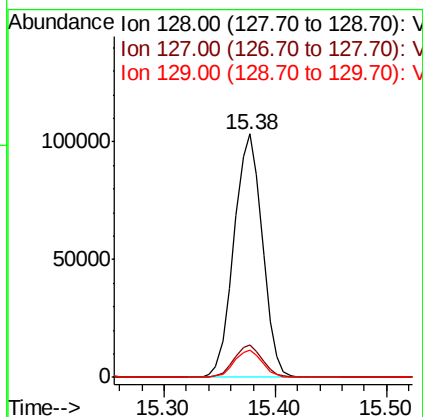
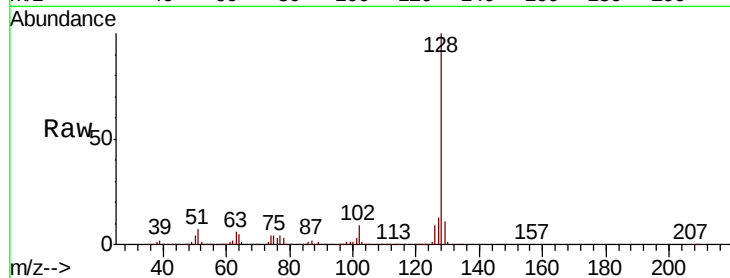




#95
Naphthalene
Concen: 46.042 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 182880
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.783 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW008366.D
Acq: 21 Jan 2019 10:50

Tgt Ion:180 Resp: 91770
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 32.4 16.2 48.6

