

Data File : VW008346.D
Acq On : 17 Jan 2019 23:19
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 18 01:13:22 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	83903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	146754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73729	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50928	58.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.70%	
35) Dibromofluoromethane	7.88	113	49166	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	10.32	98	196395	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.62	95	72188	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	25560	48.347	ug/l	93
3) Chloromethane	2.21	50	43178	55.715	ug/l	95
4) Vinyl Chloride	2.37	62	57506	58.075	ug/l	92
5) Bromomethane	2.78	94	45355	60.440	ug/l	96
6) Chloroethane	2.93	64	40818	62.978	ug/l	93
7) Trichlorofluoromethane	3.25	101	41096	56.524	ug/l	99
8) Diethyl Ether	3.67	74	29995	59.494	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	43473	51.358	ug/l	94
10) Methyl Iodide	4.26	142	67863	49.710	ug/l	96
11) Tert butyl alcohol	5.17	59	15939	271.234	ug/l	95
12) 1,1-Dichloroethene	4.03	96	44516	51.708	ug/l	96
13) Acrolein	3.89	56	16746	274.394	ug/l	92
14) Allyl chloride	4.67	41	79384	55.157	ug/l	99
15) Acrylonitrile	5.36	53	61721	318.694	ug/l	99
16) Acetone	4.12	43	51886	255.984	ug/l	99
17) Carbon Disulfide	4.37	76	144177	55.037	ug/l	98
18) Methyl Acetate	4.67	43	31111	57.460	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	78357	59.457	ug/l #	91
20) Methylene Chloride	4.90	84	54442	58.490	ug/l #	96
21) trans-1,2-Dichloroethene	5.42	96	55297	57.188	ug/l	96
22) Diisopropyl ether	6.31	45	173111	61.608	ug/l	99
23) Vinyl Acetate	6.25	43	492552	327.930	ug/l	99
24) 1,1-Dichloroethane	6.21	63	99455	58.131	ug/l	98
25) 2-Butanone	7.17	43	82676	318.464	ug/l	99
26) 2,2-Dichloropropane	7.17	77	54097	49.548	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	61367	58.578	ug/l	98
28) Bromochloromethane	7.51	49	44836	63.609	ug/l #	98
29) Tetrahydrofuran	7.53	42	54512	336.817	ug/l	100
30) Chloroform	7.67	83	100407	59.316	ug/l	97
31) Cyclohexane	7.95	56	88160	54.083	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	78974	55.590	ug/l	98
36) 1,1-Dichloropropene	8.07	75	79523	53.860	ug/l	99
37) Ethyl Acetate	7.25	43	36423	59.821	ug/l	99
38) Carbon Tetrachloride	8.06	117	73770	50.598	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93781	53.398	ug/l	97
40) Benzene	8.32	78	232545	55.601	ug/l	100
41) Methacrylonitrile	7.48	41	21566	60.845	ug/l	97
42) 1,2-Dichloroethane	8.40	62	66223	56.625	ug/l	99
43) Isopropyl Acetate	8.43	43	69756	60.652	ug/l	100
44) Trichloroethene	9.09	130	59493	51.920	ug/l	97
45) 1,2-Dichloropropane	9.37	63	58237	56.057	ug/l	99
46) Dibromomethane	9.46	93	30524	56.373	ug/l	95
47) Bromodichloromethane	9.64	83	76997	57.650	ug/l	98
48) Methyl methacrylate	9.44	41	33509	61.891	ug/l	96
49) 1,4-Dioxane	9.45	88	10127	1161.823	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	188195	323.160	ug/l	99
52) Toluene	10.39	92	150807	56.978	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	76156	57.130	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	89083	56.690	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	44249	58.919	ug/l	95
56) Ethyl methacrylate	10.65	69	55551	62.983	ug/l	100
57) 1,3-Dichloropropane	10.93	76	77219	59.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	127977	300.815	ug/l	99
59) 2-Hexanone	10.97	43	132748	325.333	ug/l	96
60) Dibromochloromethane	11.13	129	51880	57.882	ug/l	100
61) 1,2-Dibromoethane	11.23	107	42580	58.551	ug/l	98
64) Tetrachloroethene	10.86	164	52592	52.236	ug/l	97
65) Chlorobenzene	11.66	112	168787	53.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56969	52.849	ug/l	98
67) Ethyl Benzene	11.73	91	292884	53.857	ug/l	100
68) m/p-Xylenes	11.84	106	230004	108.965	ug/l	99
69) o-Xylene	12.17	106	109845	55.701	ug/l	100
70) Styrene	12.18	104	181361	57.255	ug/l	99
71) Bromoform	12.35	173	29957	55.787	ug/l #	99
73) Isopropylbenzene	12.47	105	287612	53.538	ug/l	99
74) N-amyl acetate	12.27	43	68572	59.563	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	51890	56.788	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	67227	100.127	ug/l	25
77) Bromobenzene	12.75	156	68640	53.194	ug/l	96
78) n-propylbenzene	12.80	91	347139	53.387	ug/l	98
79) 2-Chlorotoluene	12.90	91	199689	53.750	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	246143	54.907	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	15048	53.485	ug/l	95
82) 4-Chlorotoluene	12.99	91	208441	53.691	ug/l	99
83) tert-Butylbenzene	13.21	119	215675	54.662	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	250148	54.777	ug/l	99
85) sec-Butylbenzene	13.38	105	292298	51.597	ug/l	98
86) p-Isopropyltoluene	13.50	119	262407	53.035	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133108	51.918	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	137248	53.433	ug/l	100
89) n-Butylbenzene	13.83	91	254888	53.705	ug/l	99
90) Hexachloroethane	14.10	117	48400	52.858	ug/l	90
91) 1,2-Dichlorobenzene	13.88	146	121585	53.713	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8604	57.585	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011719\
Quantitation Report (Not Reviewed)

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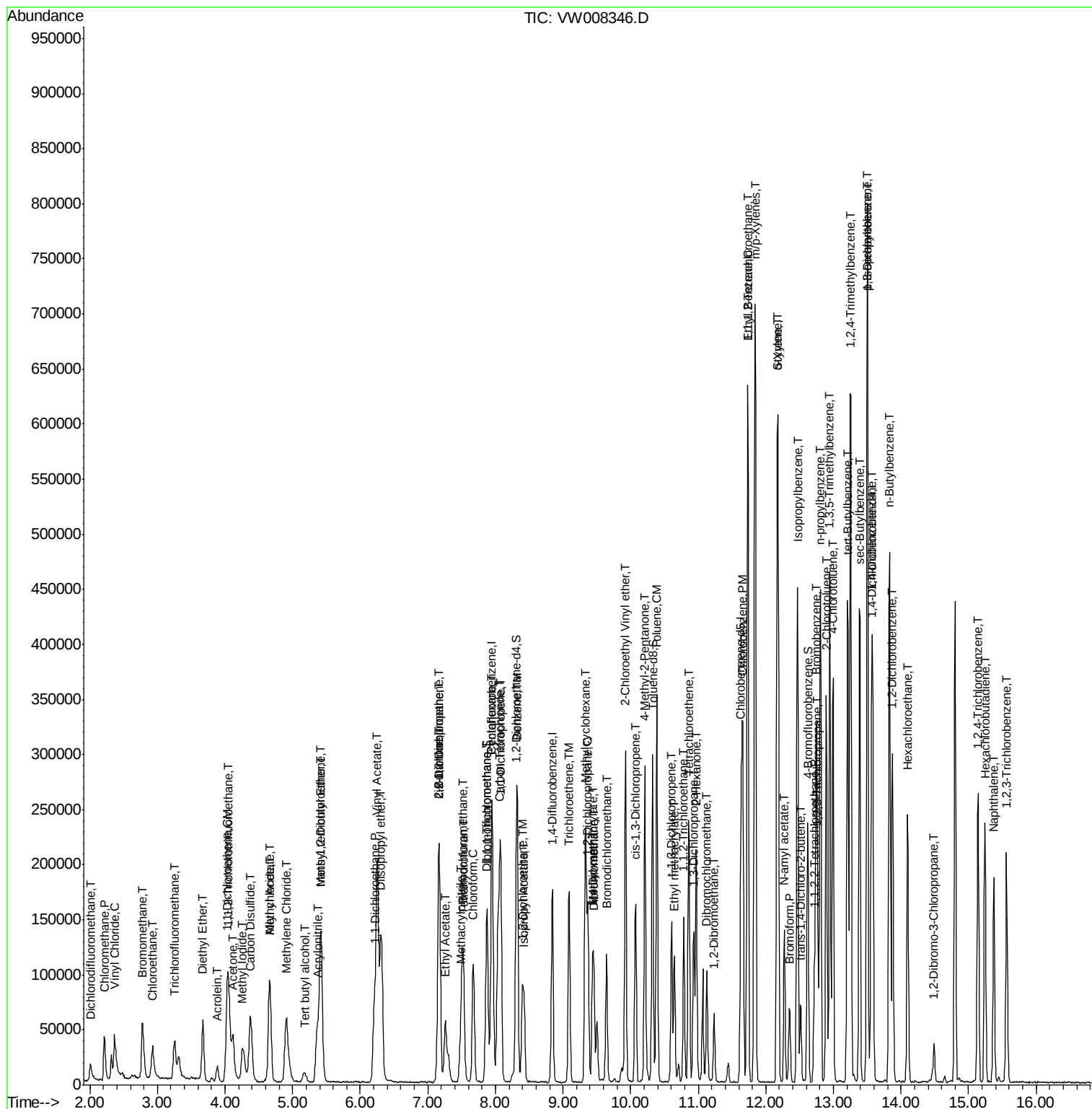
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

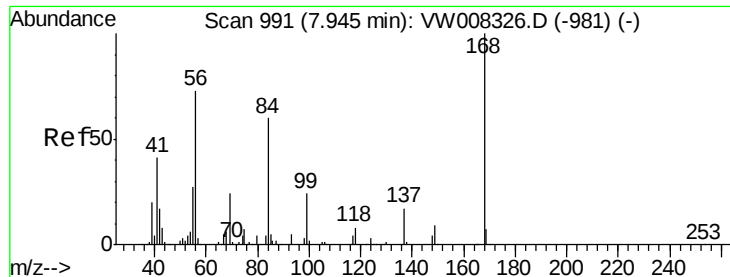
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79506	51.886	ug/l	99
94) Hexachlorobutadiene	15.24	225	40731	47.165	ug/l	96
95) Naphthalene	15.38	128	157412	55.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	69527	52.092	ug/l	99

(#) = 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# 991

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

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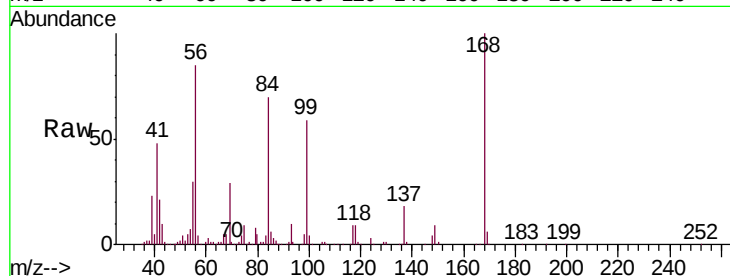
VSTDCCC050EC

Tgt Ion:168 Resp: 83903

Ion Ratio Lower Upper

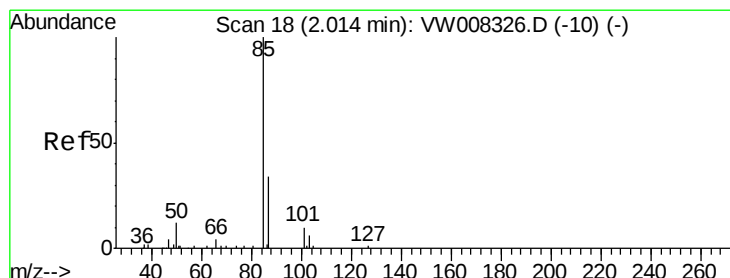
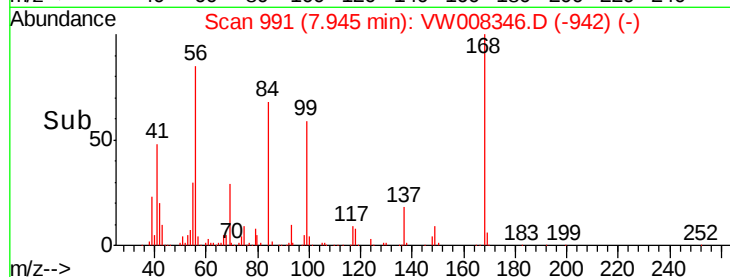
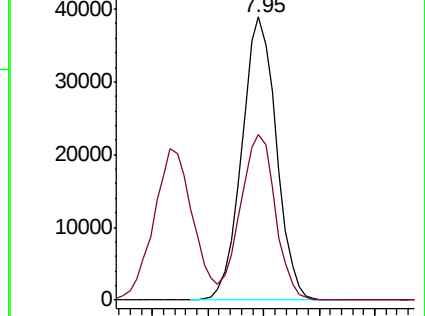
168 100

99 58.6 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.347 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008346.D

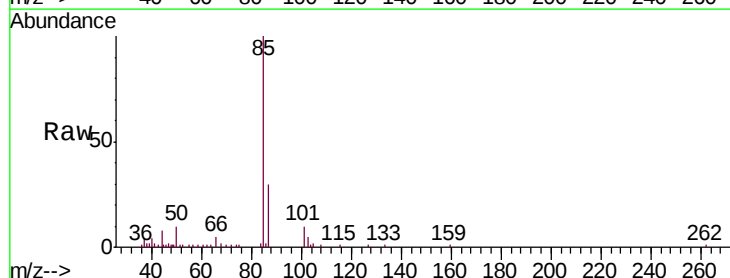
Acq: 17 Jan 2019 23:19

Tgt Ion: 85 Resp: 25560

Ion Ratio Lower Upper

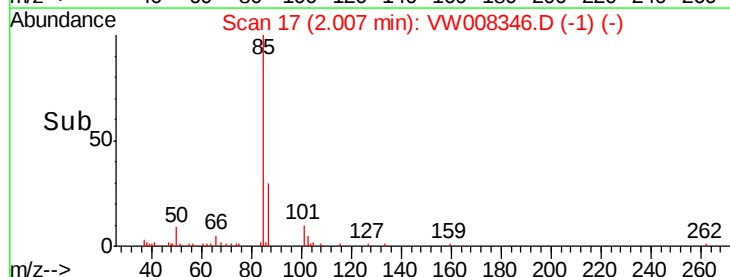
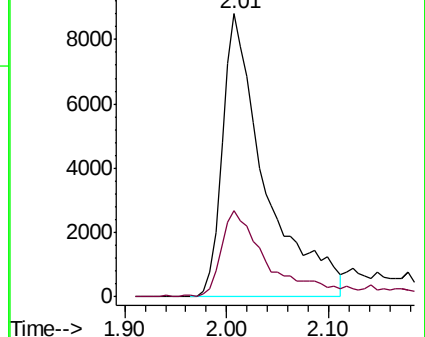
85 100

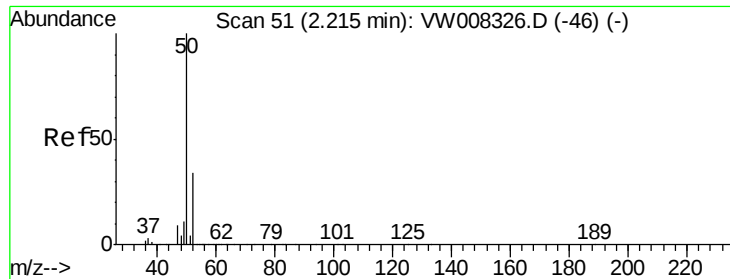
87 29.7 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 55.715 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

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ClientSampleId :

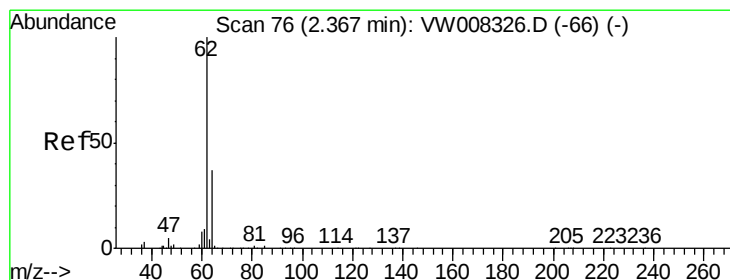
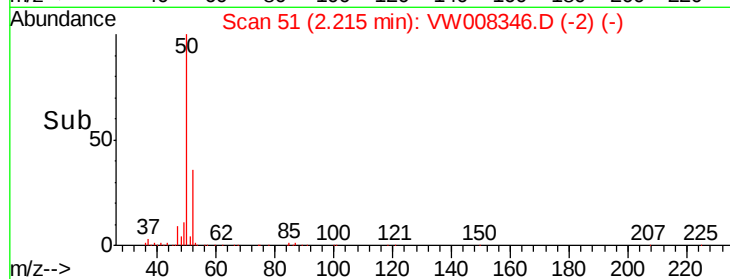
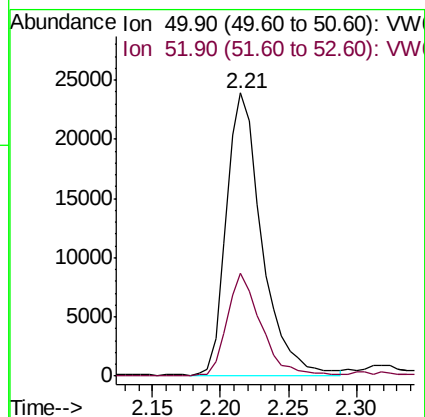
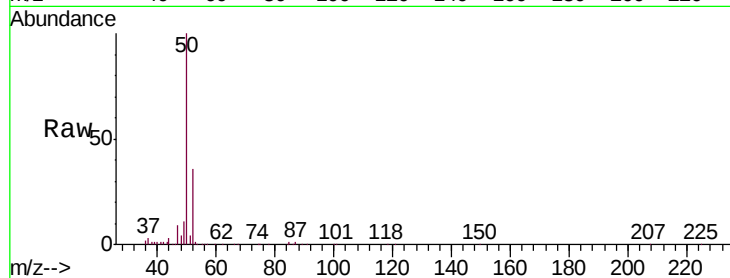
VSTDCCC050EC

Tgt Ion: 50 Resp: 43178

Ion Ratio Lower Upper

50 100

52 36.1 26.7 40.1



#4

Vinyl Chloride

Concen: 58.075 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008346.D

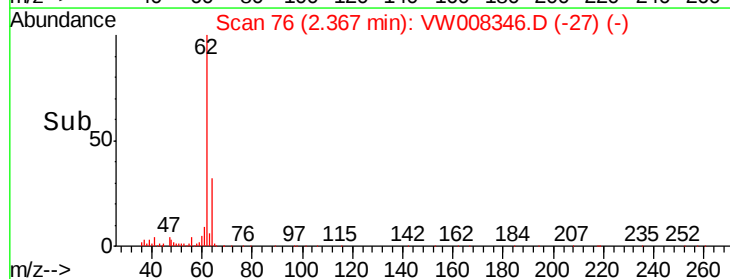
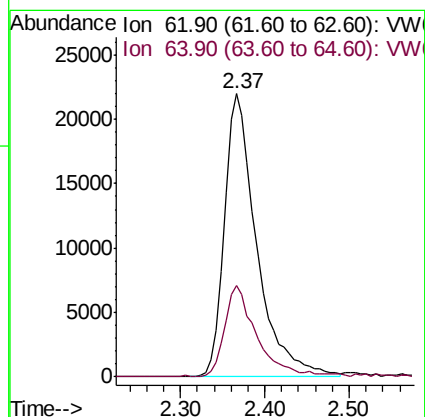
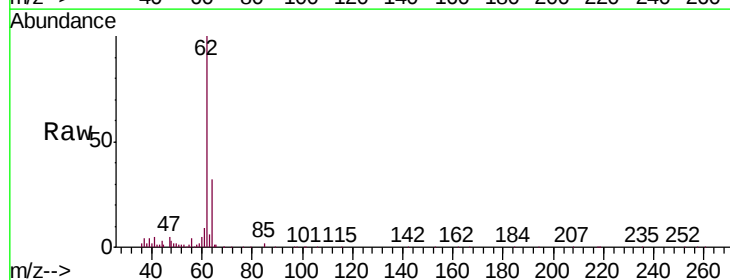
Acq: 17 Jan 2019 23:19

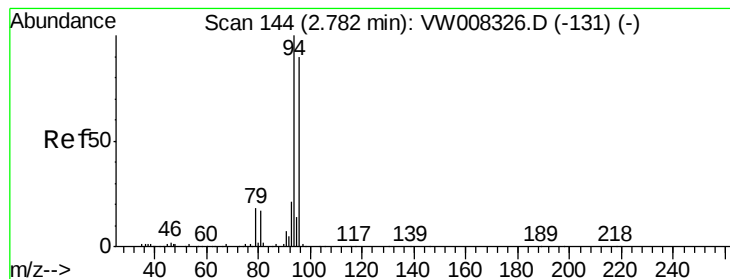
Tgt Ion: 62 Resp: 57506

Ion Ratio Lower Upper

62 100

64 31.9 29.4 44.2





#5

Bromomethane

Concen: 60.440 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

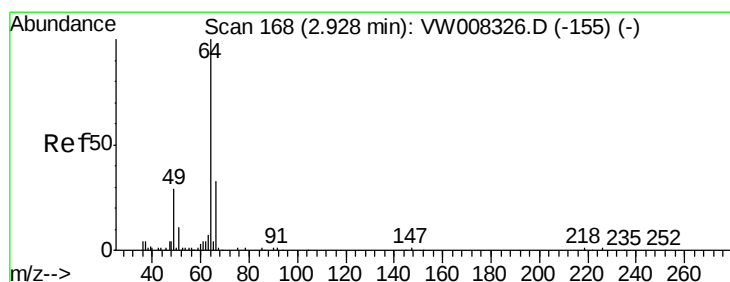
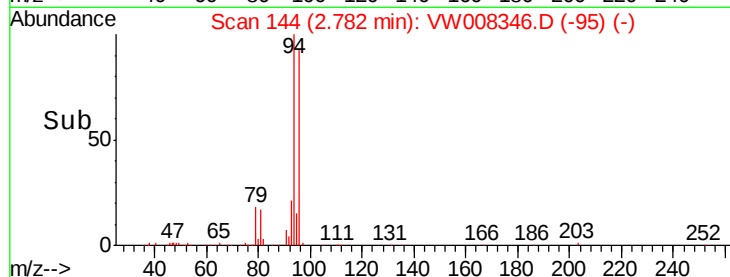
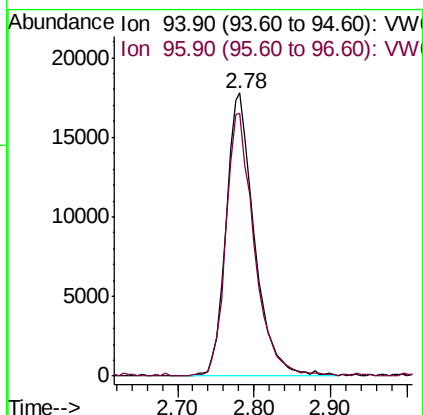
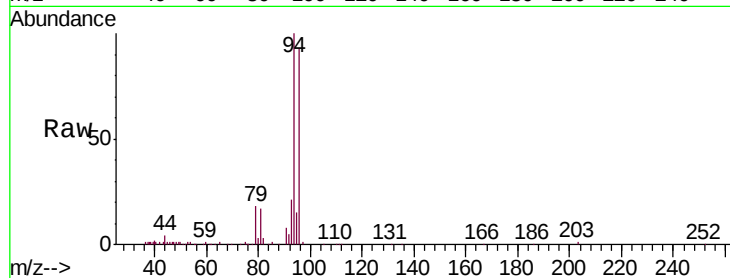
VSTDCCC050EC

Tgt Ion: 94 Resp: 45355

Ion Ratio Lower Upper

94 100

96 92.8 71.4 107.0



#6

Chloroethane

Concen: 62.978 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008346.D

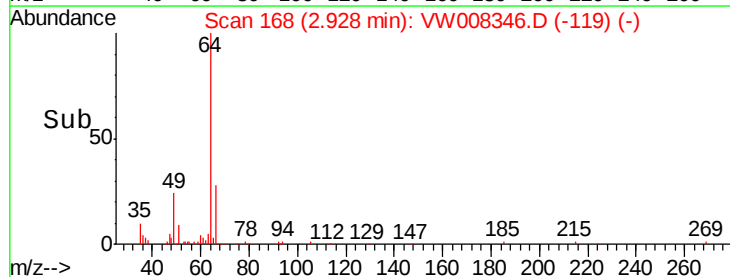
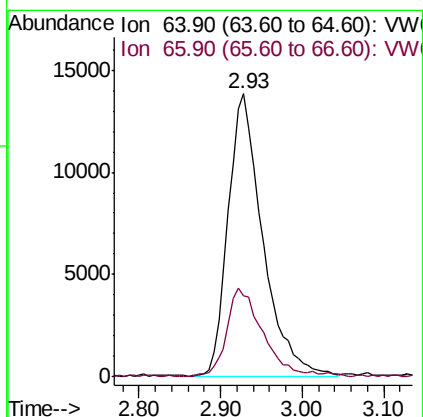
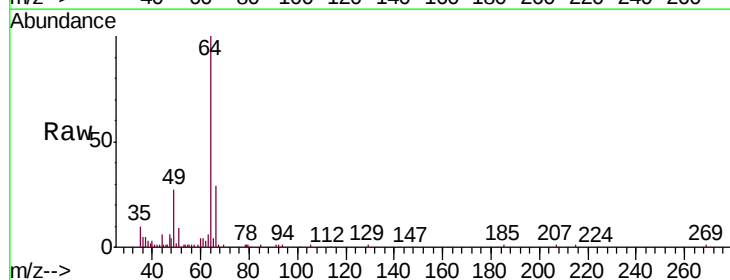
Acq: 17 Jan 2019 23:19

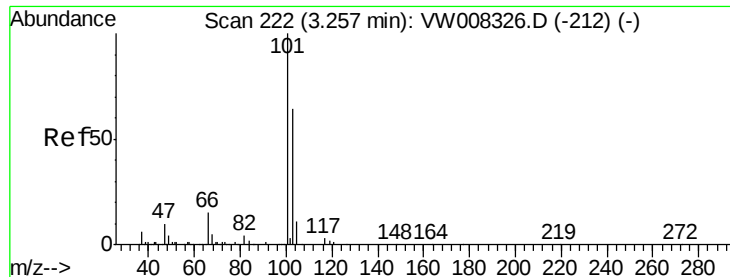
Tgt Ion: 64 Resp: 40818

Ion Ratio Lower Upper

64 100

66 28.7 26.2 39.4



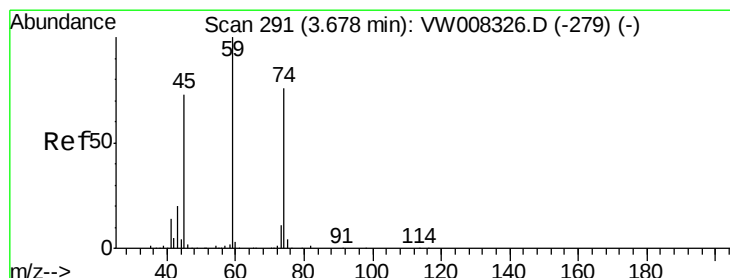
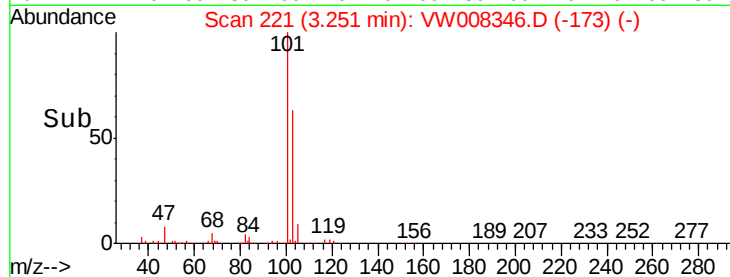
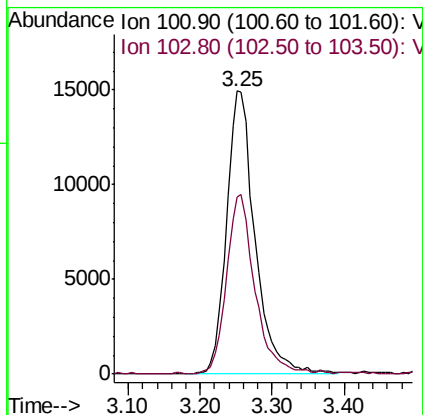
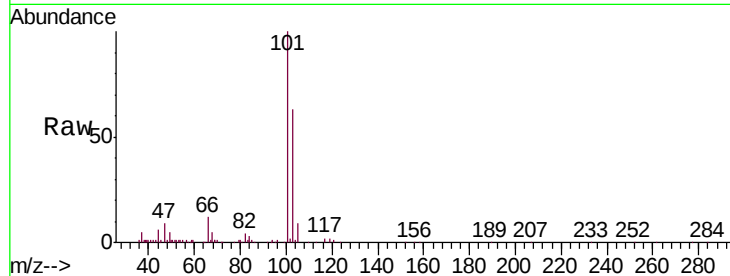


#7

Trichlorofluoromethane
 Concen: 56.524 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008346.D
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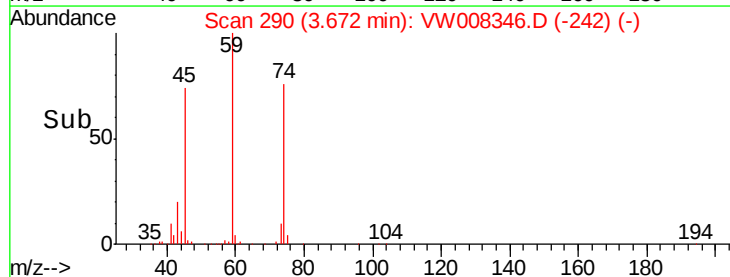
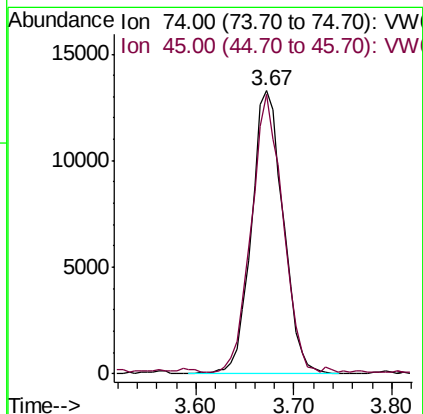
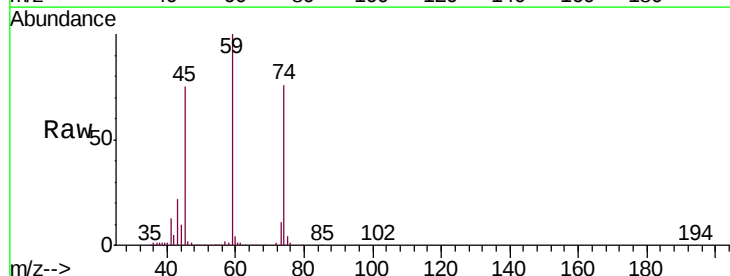
Tgt Ion:101 Resp: 41096
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.9 76.3

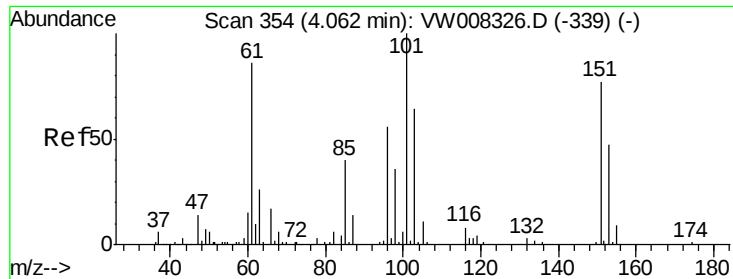


#8

Diethyl Ether
 Concen: 59.494 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

Tgt Ion: 74 Resp: 29995
 Ion Ratio Lower Upper
 74 100
 45 96.6 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.358 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.02 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

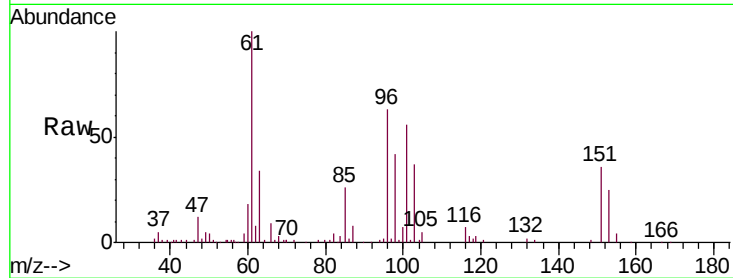
Tgt Ion:101 Resp: 43473

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

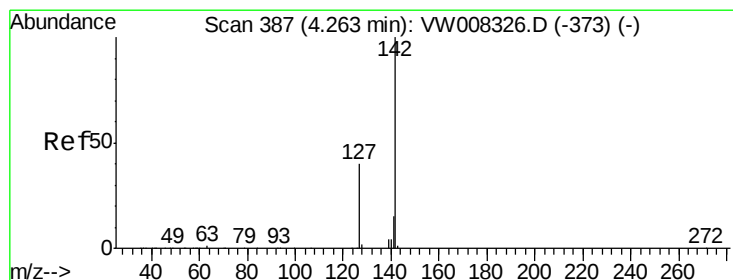
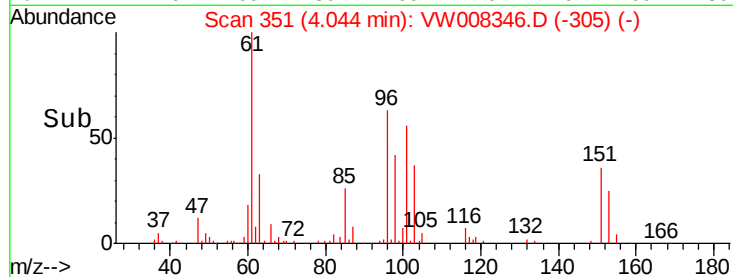
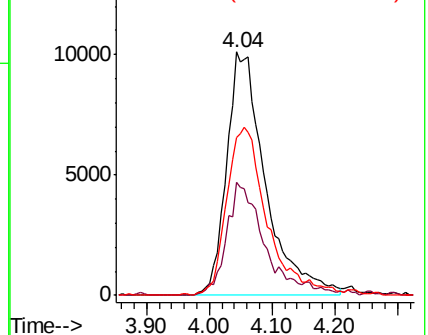
151 71.6 62.3 93.5



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: 49.710 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

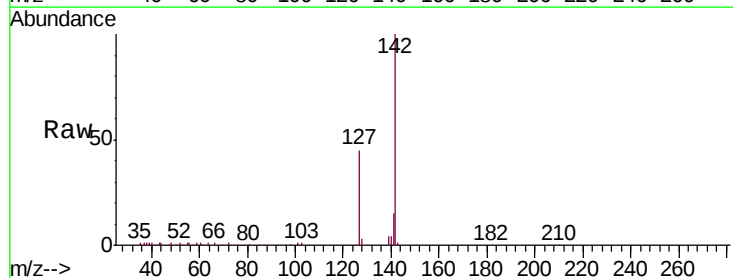
Tgt Ion:142 Resp: 67863

Ion Ratio Lower Upper

142 100

127 46.0 34.3 51.5

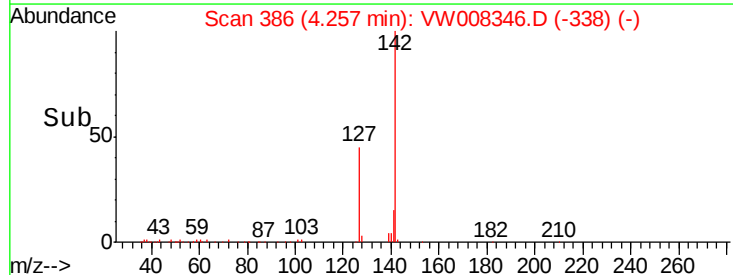
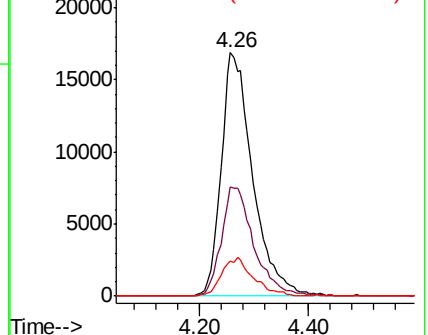
141 15.8 12.2 18.2

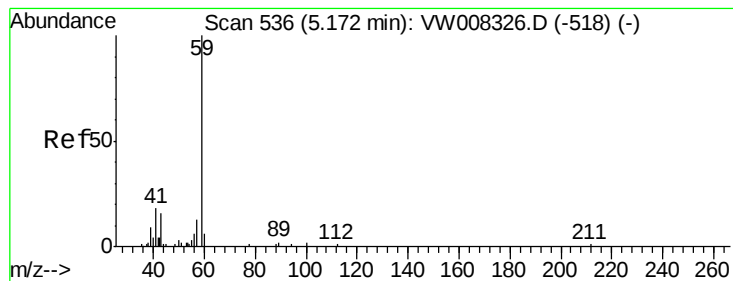


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



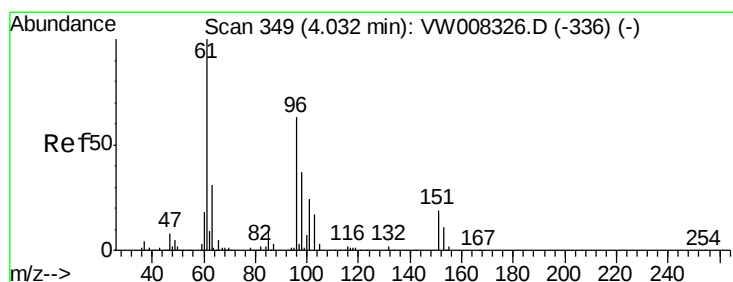
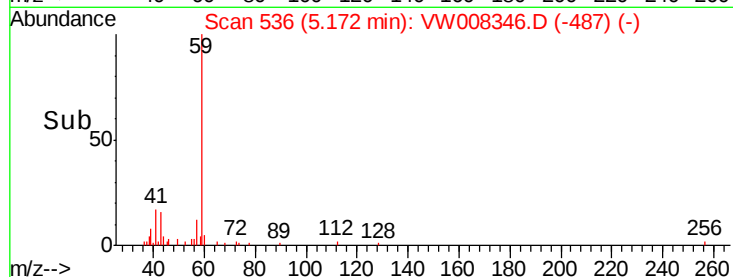
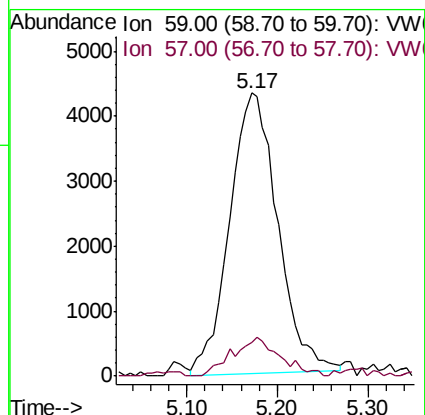
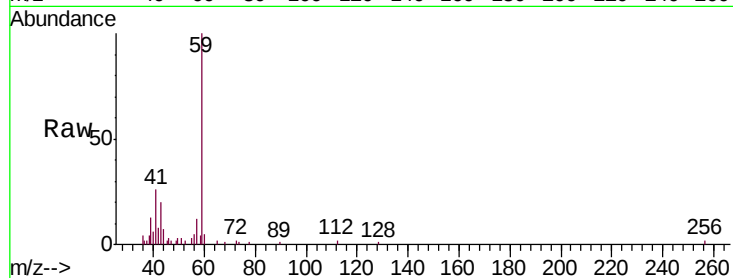


#11

Tert butyl alcohol
 Concen: 271.234 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

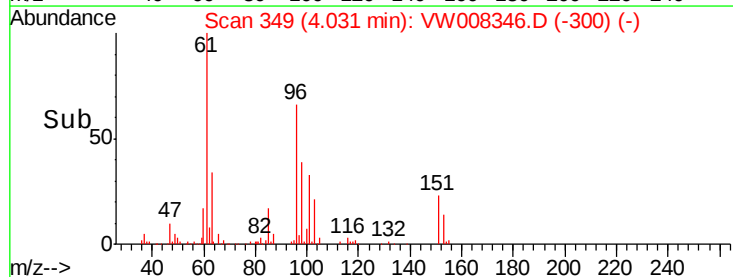
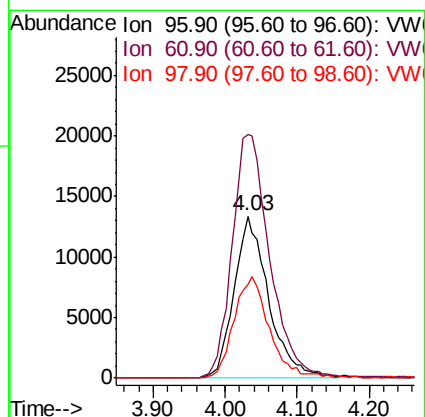
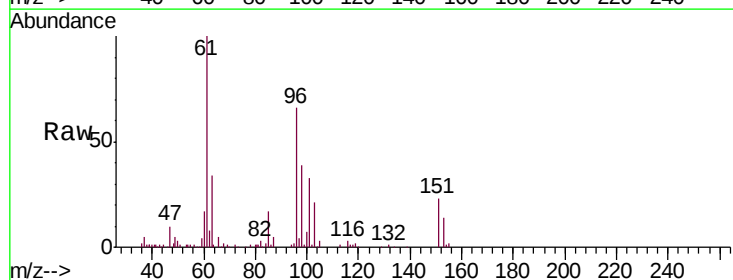
Tgt Ion: 59 Resp: 15939
 Ion Ratio Lower Upper
 59 100
 57 13.7 9.4 14.2

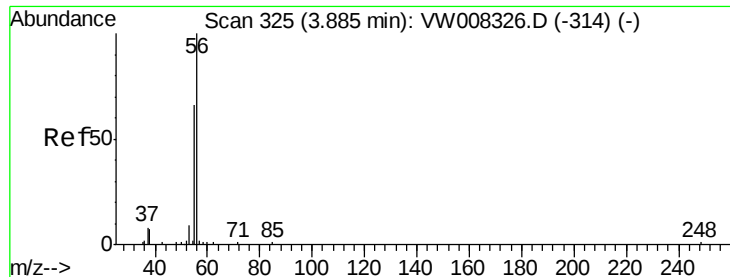


#12

1,1-Dichloroethene
 Concen: 51.708 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

Tgt Ion: 96 Resp: 44516
 Ion Ratio Lower Upper
 96 100
 61 150.6 126.4 189.6
 98 58.0 46.7 70.1





#13

Acrolein

Concen: 274.394 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

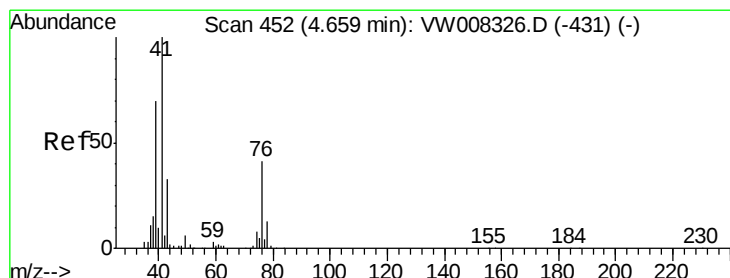
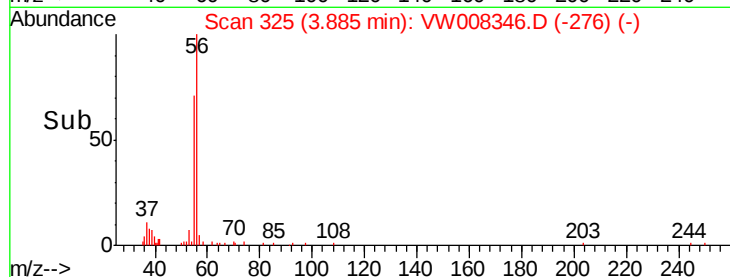
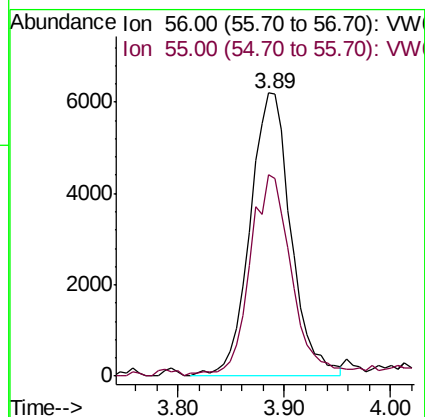
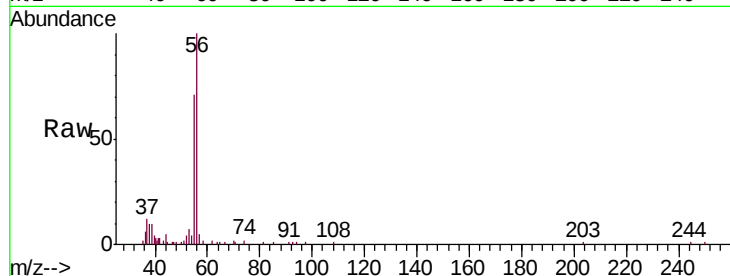
VSTDCCC050EC

Tgt Ion: 56 Resp: 16746

Ion Ratio Lower Upper

56 100

55 72.1 52.9 79.3



#14

Allyl chloride

Concen: 55.157 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

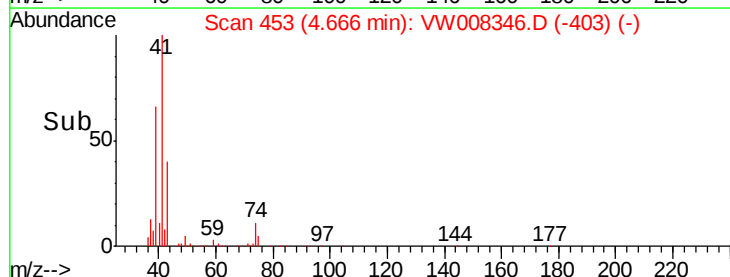
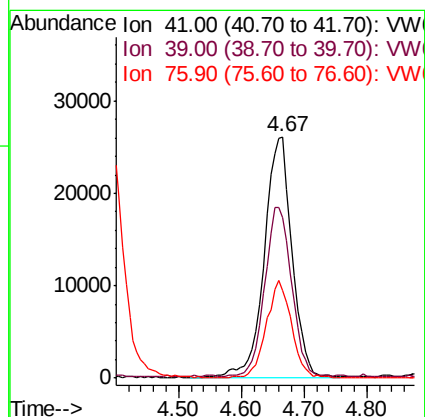
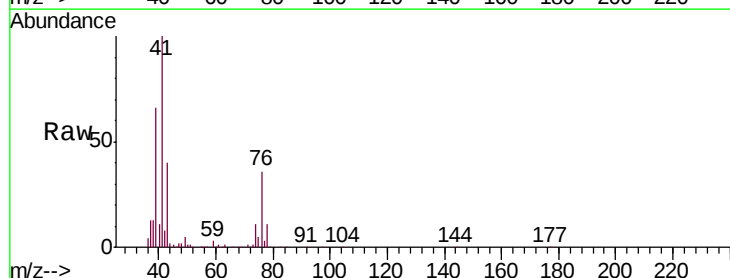
Tgt Ion: 41 Resp: 79384

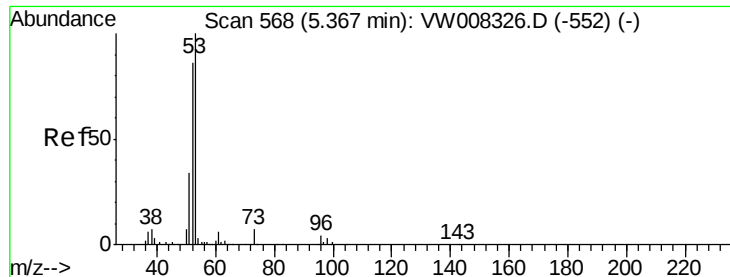
Ion Ratio Lower Upper

41 100

39 68.5 54.1 81.1

76 37.1 29.5 44.3





#15

Acrylonitrile

Concen: 318.694 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

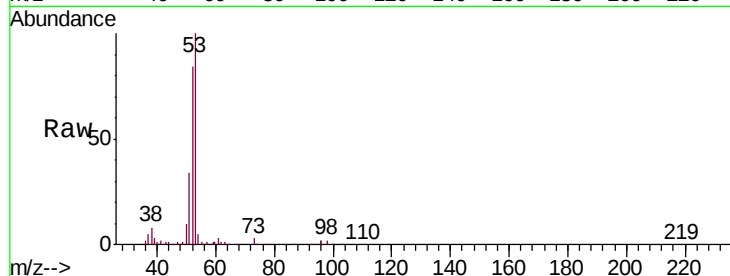
Tgt Ion: 53 Resp: 61721

Ion Ratio Lower Upper

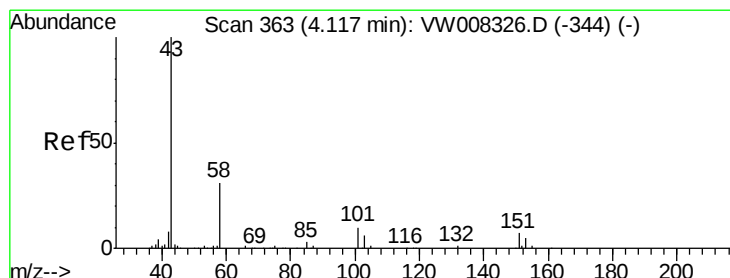
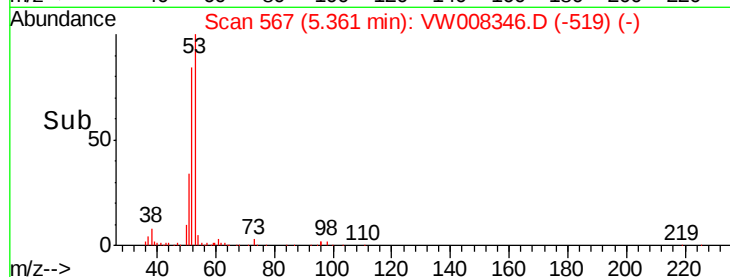
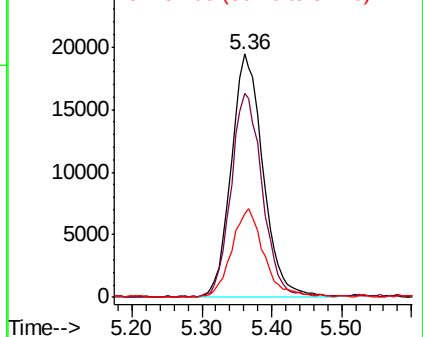
53 100

52 81.3 66.4 99.6

51 36.7 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 255.984 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008346.D

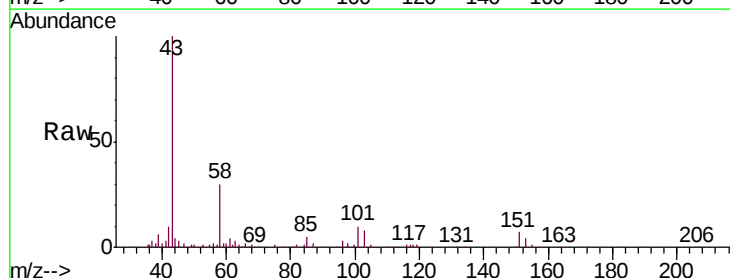
Acq: 17 Jan 2019 23:19

Tgt Ion: 43 Resp: 51886

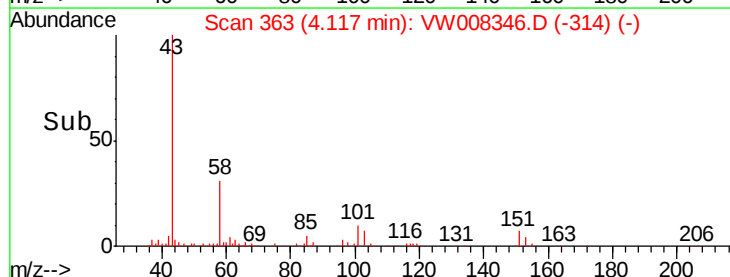
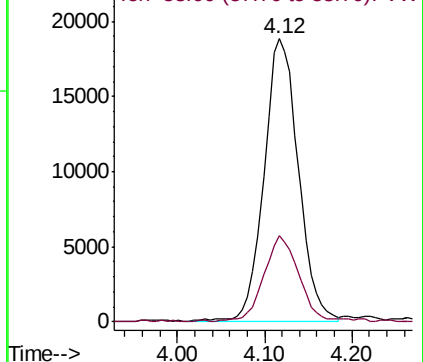
Ion Ratio Lower Upper

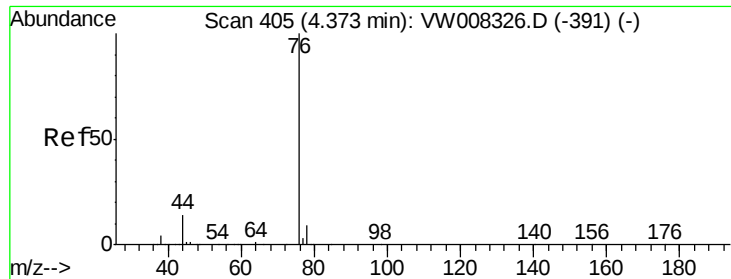
43 100

58 30.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

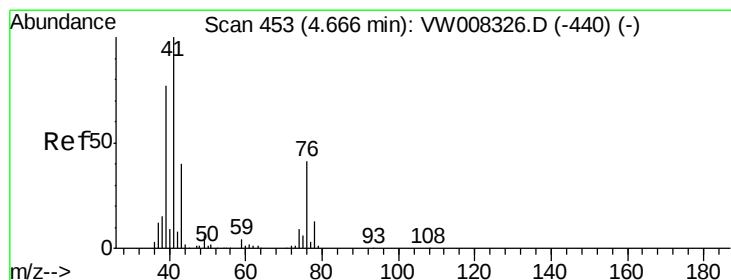
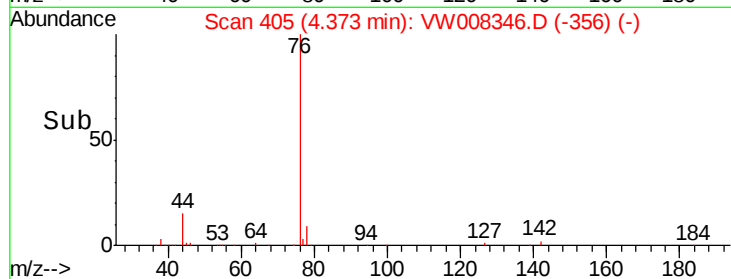
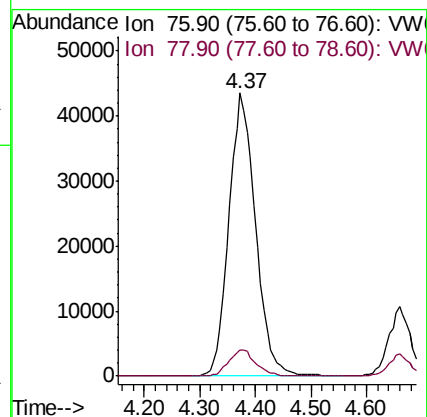
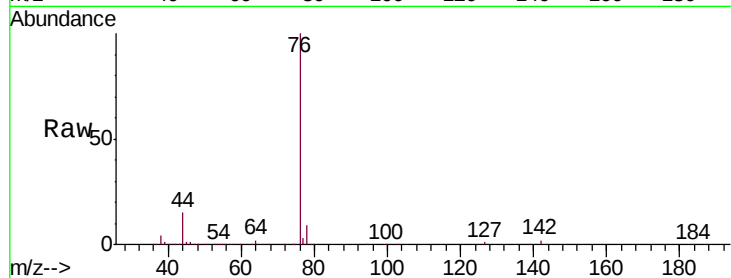




#17
Carbon Disulfide
Concen: 55.037 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

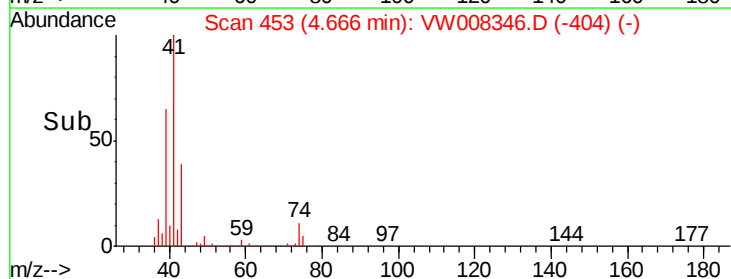
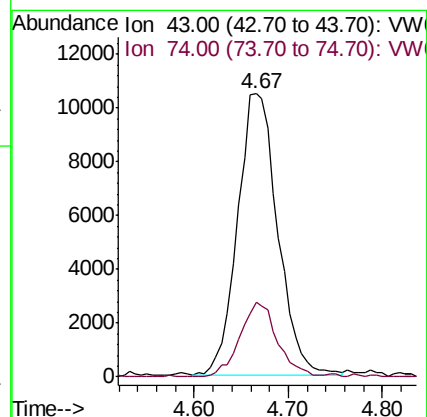
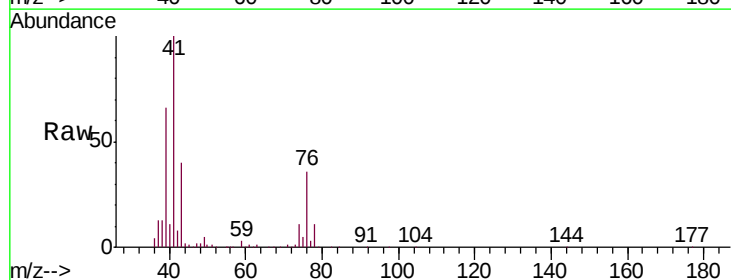
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

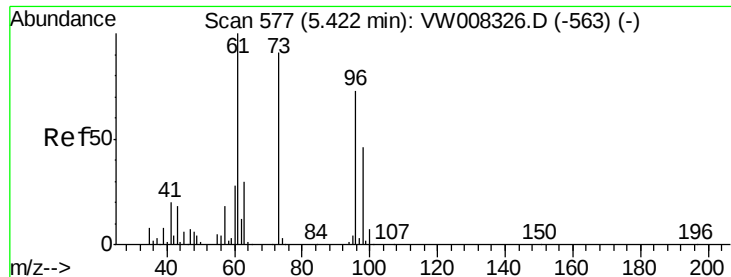
Tgt Ion: 76 Resp: 144177
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 57.460 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion: 43 Resp: 31111
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 59.457 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

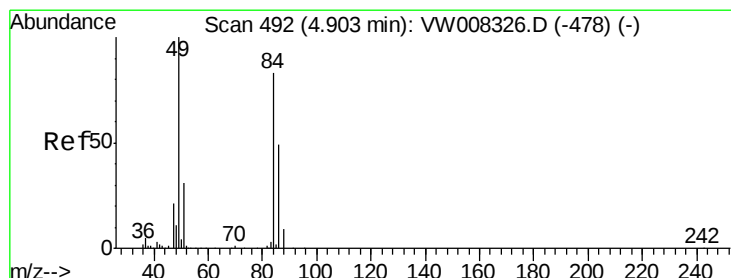
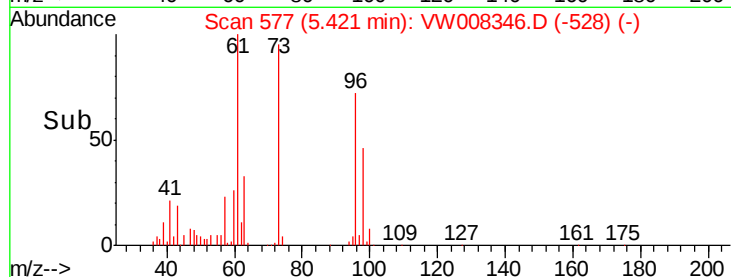
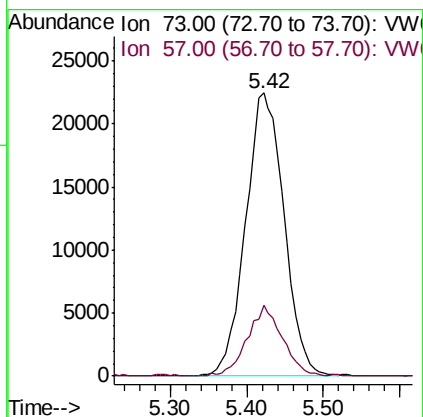
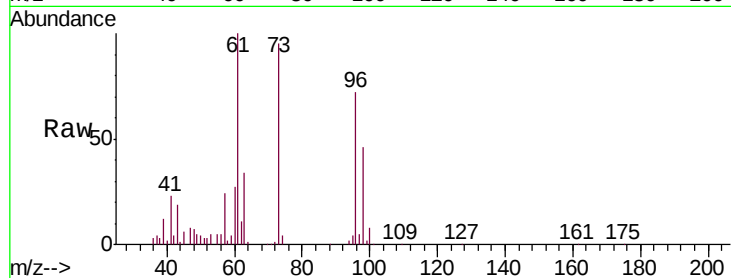
VSTDCCC050EC

Tgt Ion: 73 Resp: 78357

Ion Ratio Lower Upper

73 100

57 24.7 16.3 24.5#



#20

Methylene Chloride

Concen: 58.490 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Tgt Ion: 84 Resp: 54442

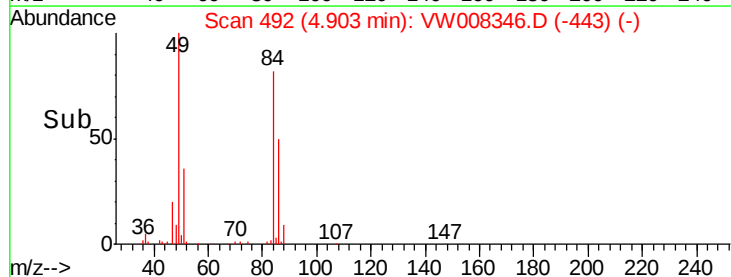
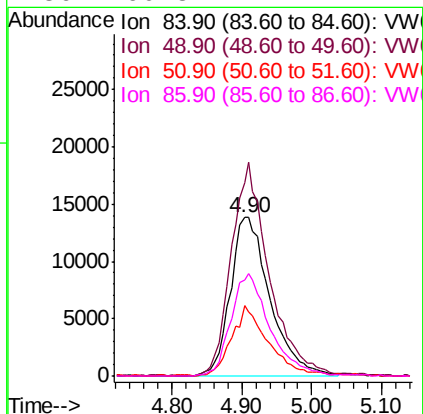
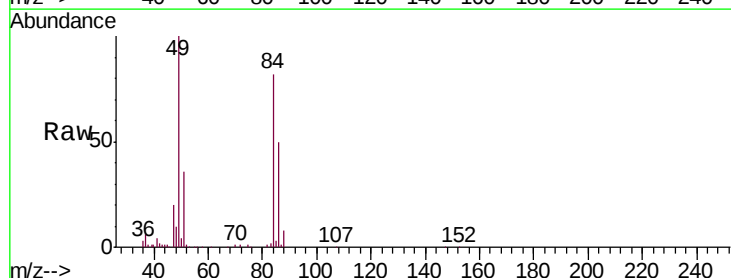
Ion Ratio Lower Upper

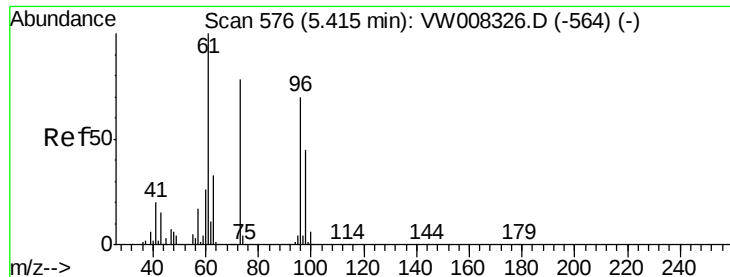
84 100

49 121.9 95.9 143.9

51 43.9 29.3 43.9#

86 60.8 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 57.188 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

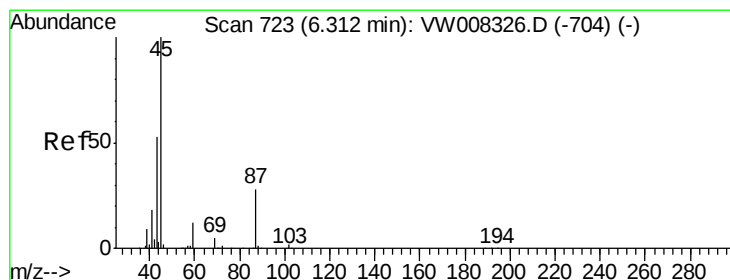
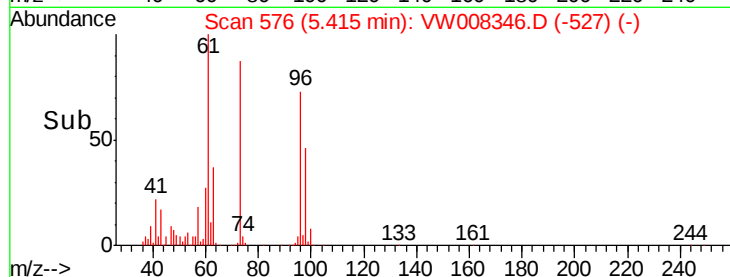
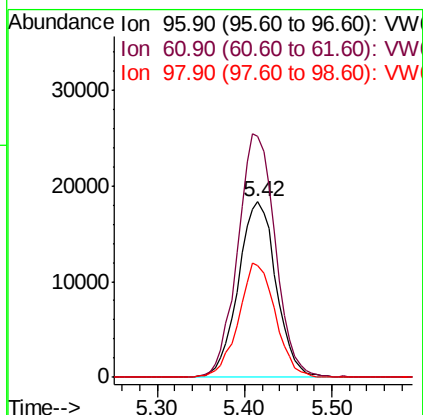
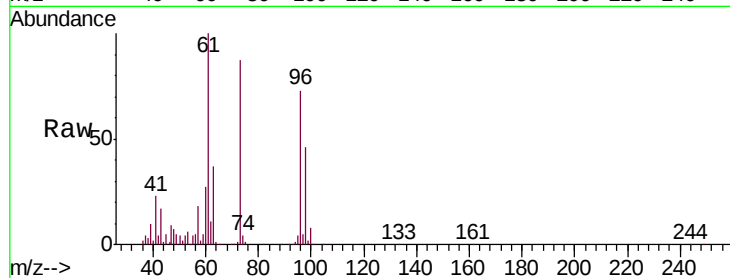
Tgt Ion: 96 Resp: 55297

Ion Ratio Lower Upper

96 100

61 137.6 114.5 171.7

98 63.8 52.0 78.0



#22

Diisopropyl ether

Concen: 61.608 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Tgt Ion: 45 Resp: 173111

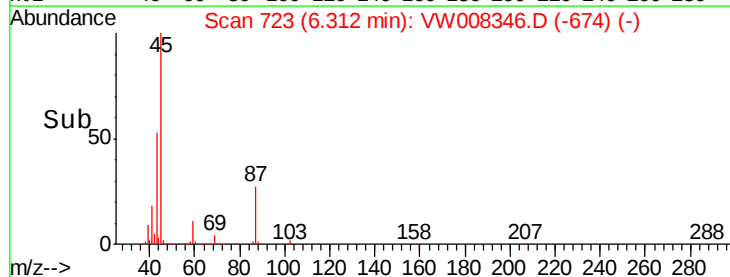
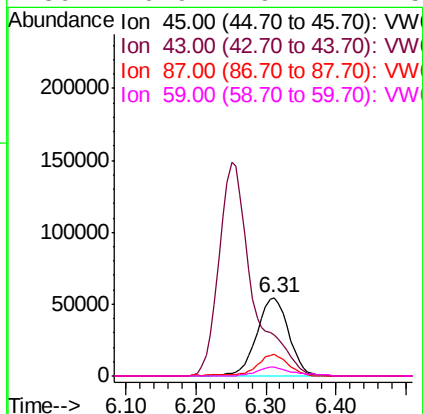
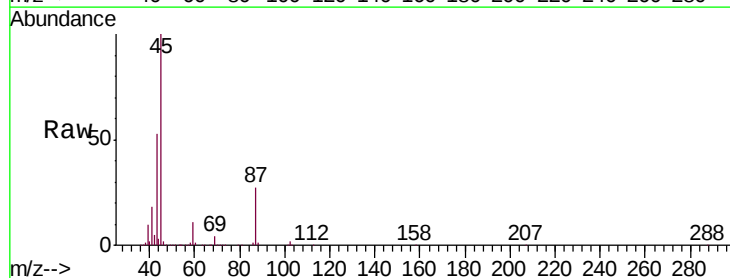
Ion Ratio Lower Upper

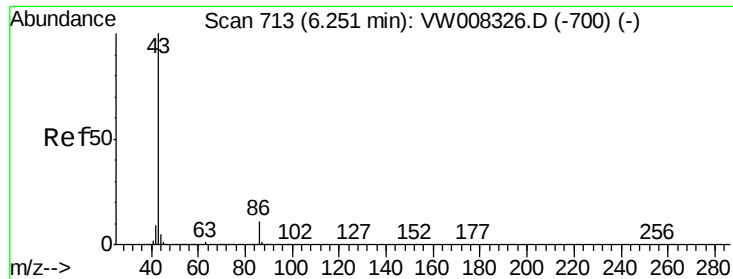
45 100

43 52.7 42.5 63.7

87 27.0 22.2 33.2

59 10.9 9.7 14.5





#23

Vinyl Acetate

Concen: 327.930 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

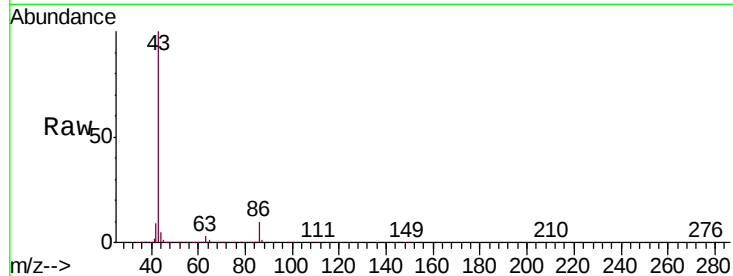
VSTDCCC050EC

Tgt Ion: 43 Resp: 492552

Ion Ratio Lower Upper

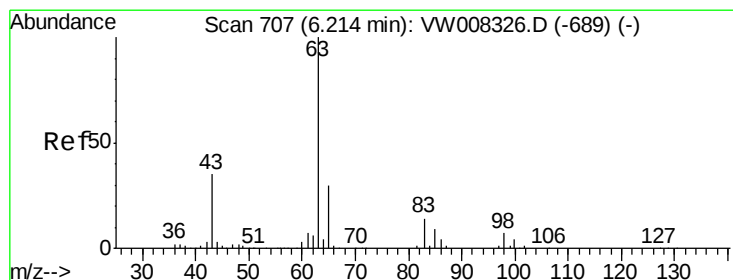
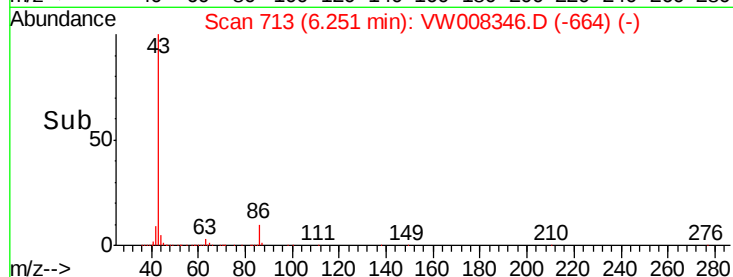
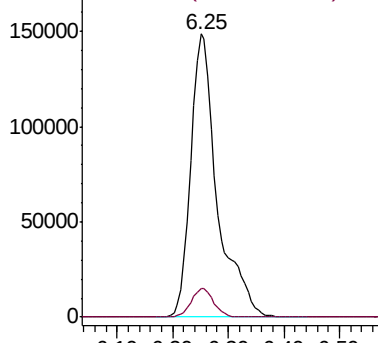
43 100

86 10.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 58.131 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

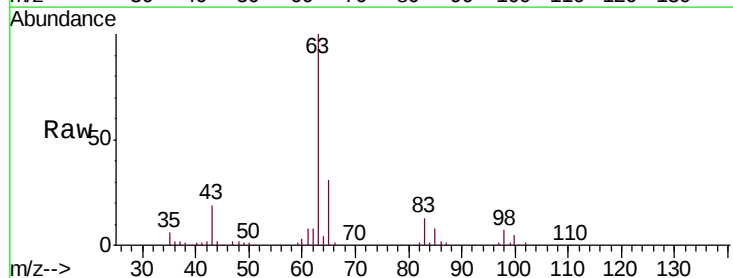
Tgt Ion: 63 Resp: 99455

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

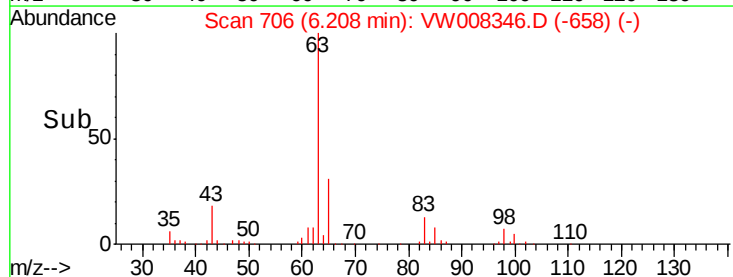
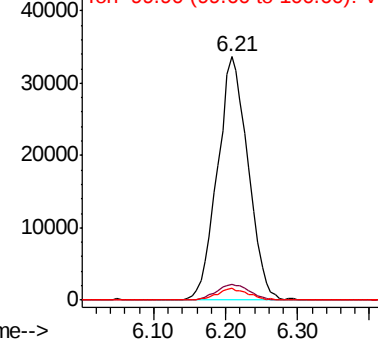
100 4.9 2.1 6.3

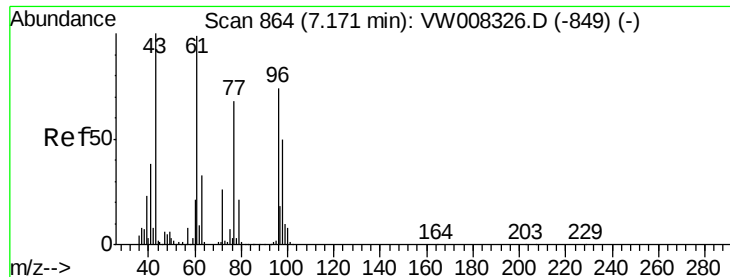


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 318.464 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

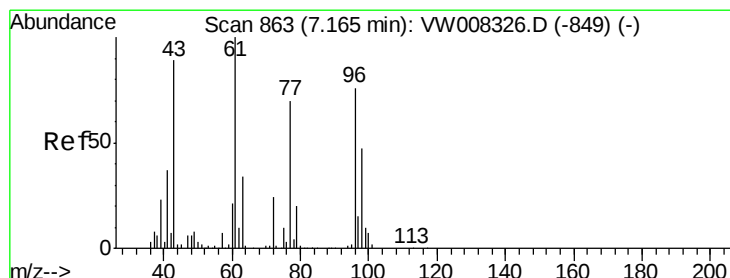
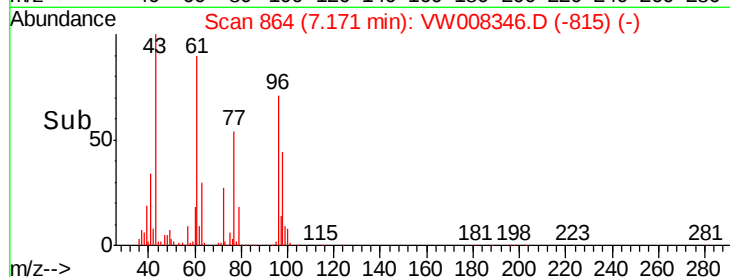
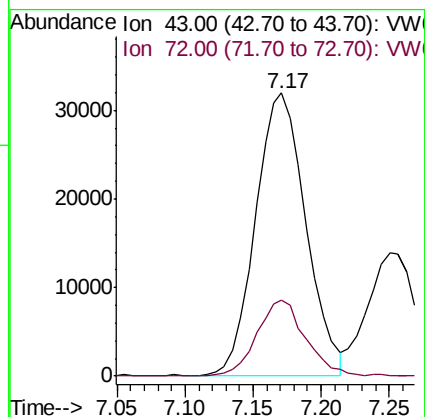
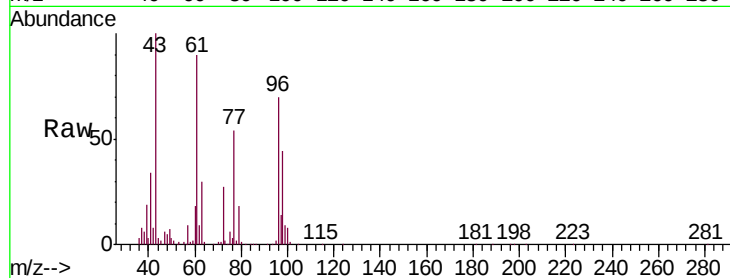
VSTDCCC050EC

Tgt Ion: 43 Resp: 82676

Ion Ratio Lower Upper

43 100

72 26.8 21.2 31.8



#26

2,2-Dichloropropane

Concen: 49.548 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008346.D

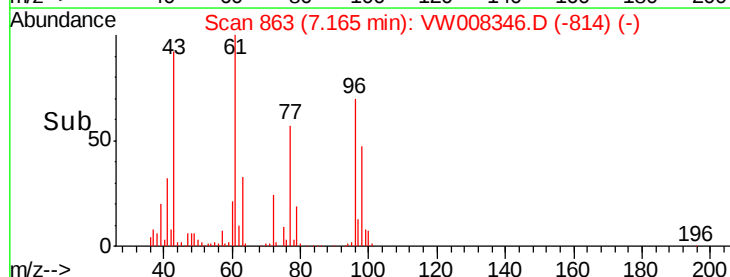
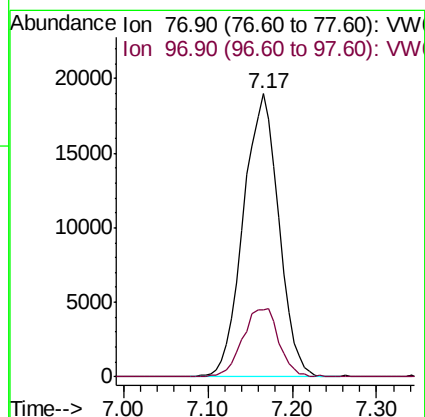
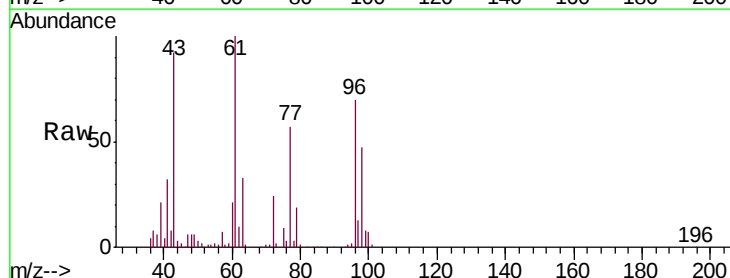
Acq: 17 Jan 2019 23:19

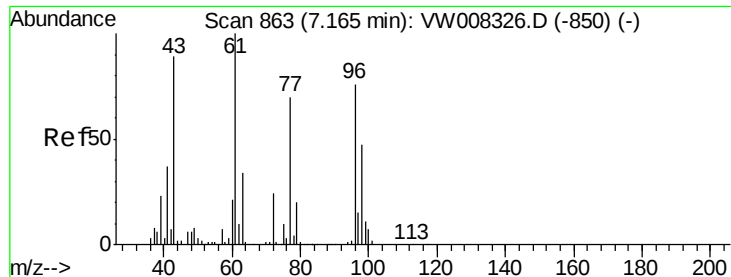
Tgt Ion: 77 Resp: 54097

Ion Ratio Lower Upper

77 100

97 24.6 11.7 35.1



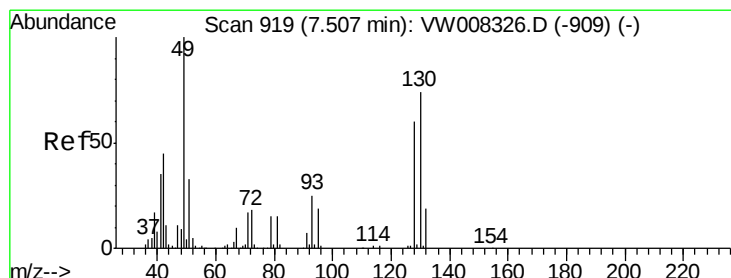
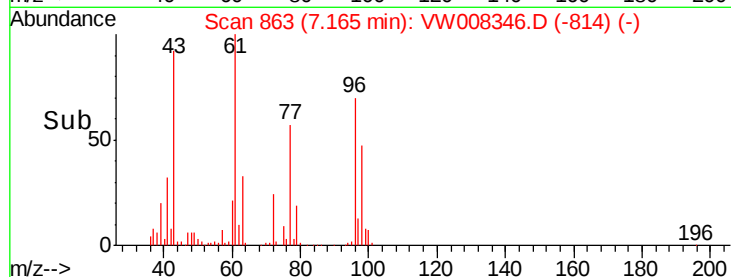
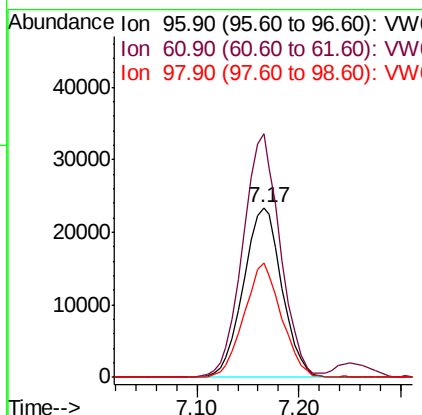
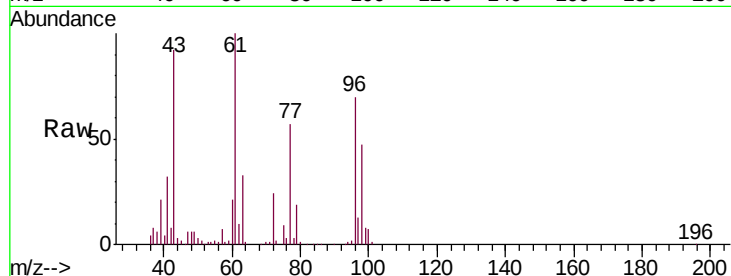


#27

cis-1,2-Dichloroethene
Concen: 58.578 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

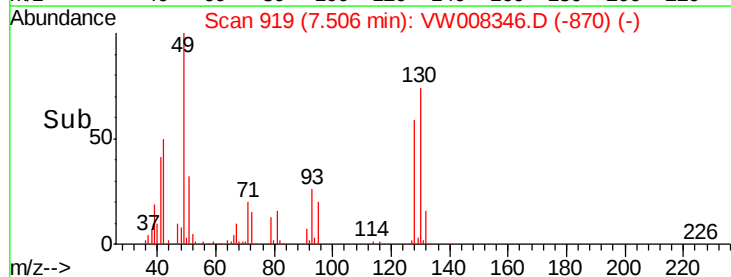
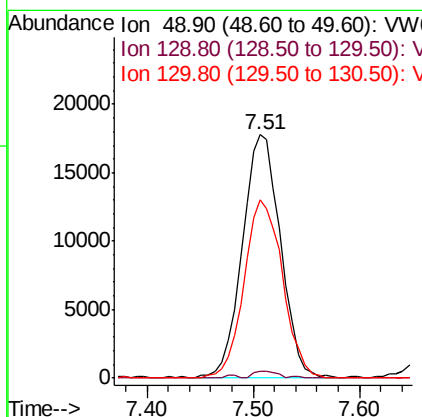
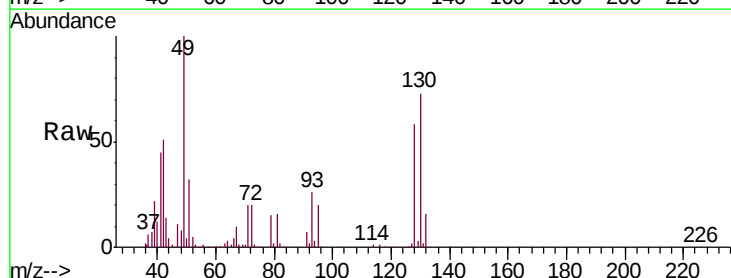
Tgt Ion: 96 Resp: 61367
Ion Ratio Lower Upper
96 100
61 139.9 0.0 272.2
98 65.5 0.0 129.4

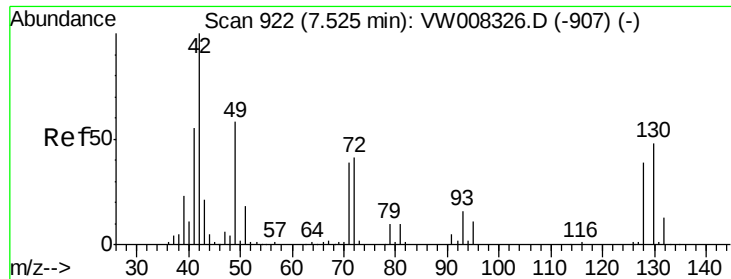


#28

Bromochloromethane
Concen: 63.609 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion: 49 Resp: 44836
Ion Ratio Lower Upper
49 100
129 1.9 0.0 2.6
130 73.6 0.0 0.0#

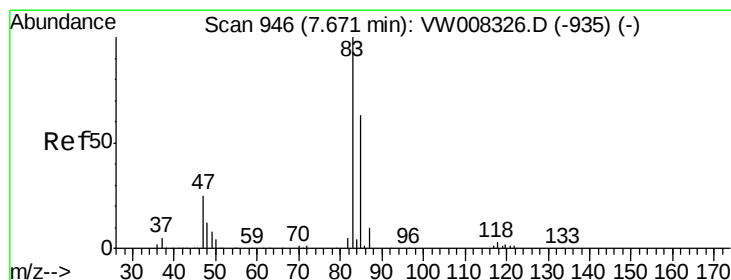
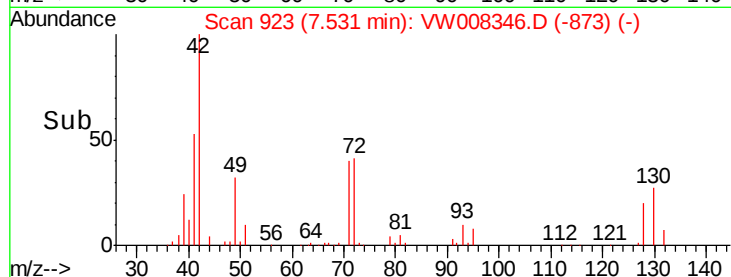
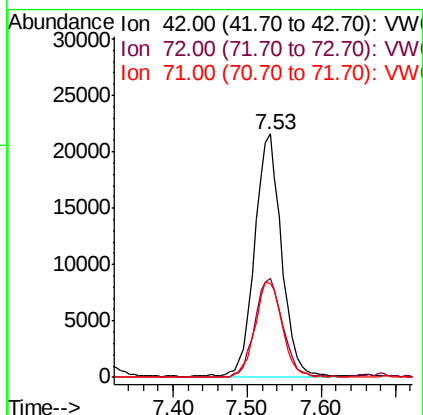
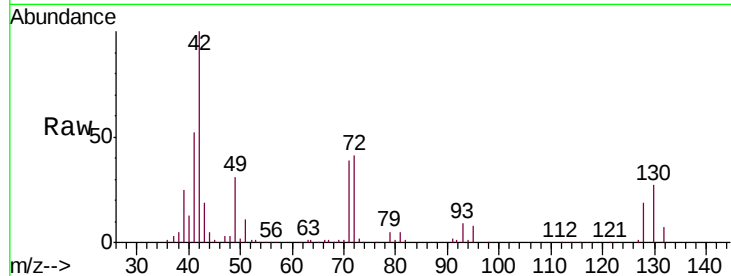




#29
Tetrahydrofuran
Concen: 336.817 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

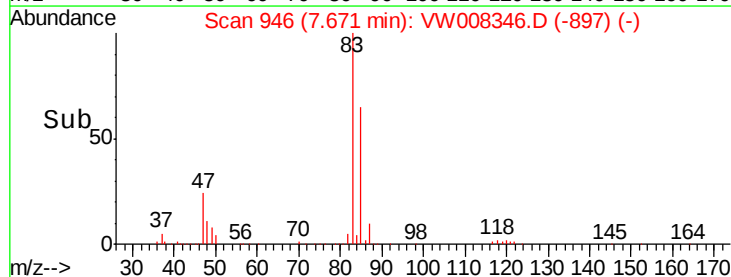
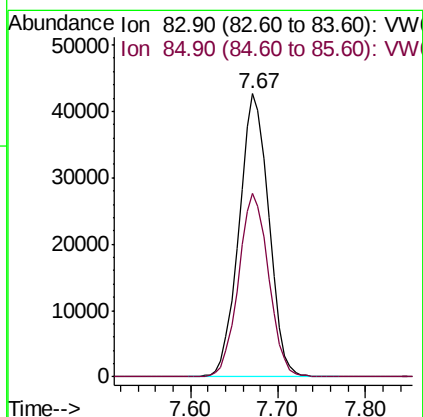
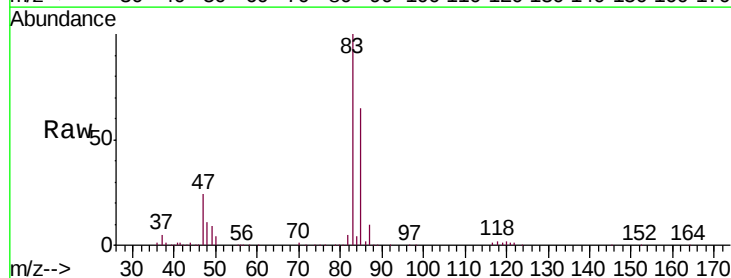
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

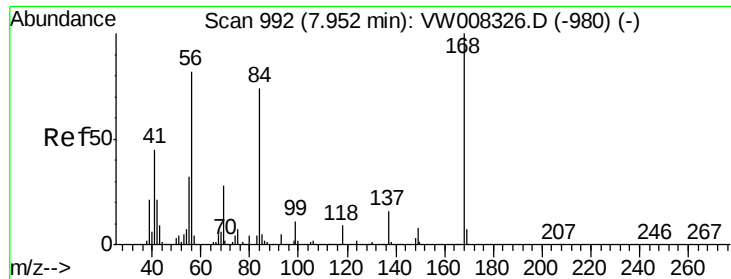
Tgt Ion: 42 Resp: 54512
Ion Ratio Lower Upper
42 100
72 42.6 34.0 51.0
71 40.0 32.0 48.0



#30
Chloroform
Concen: 59.316 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion: 83 Resp: 100407
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.2

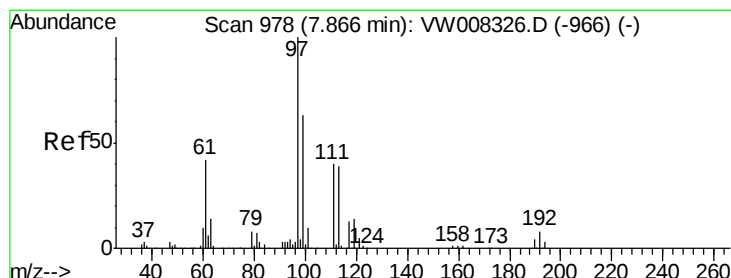
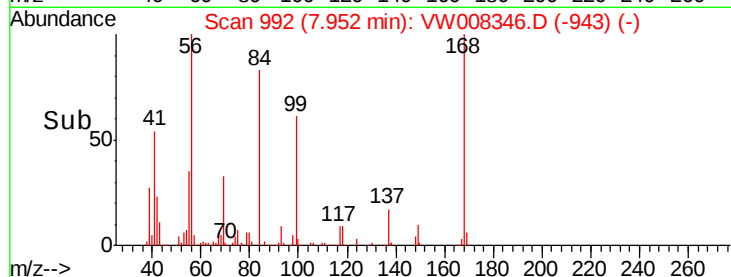
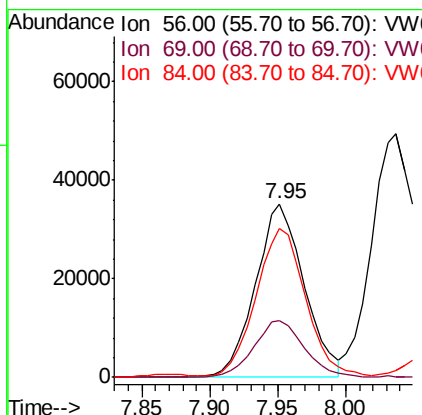
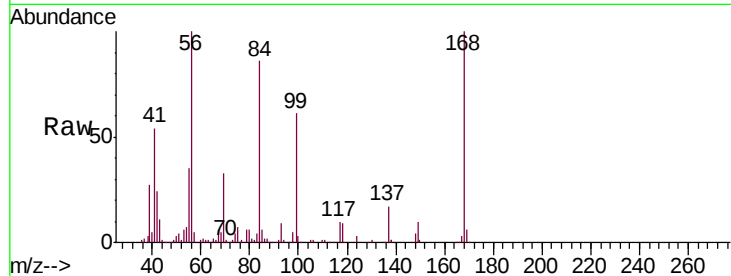




#31
Cyclohexane
Concen: 54.083 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

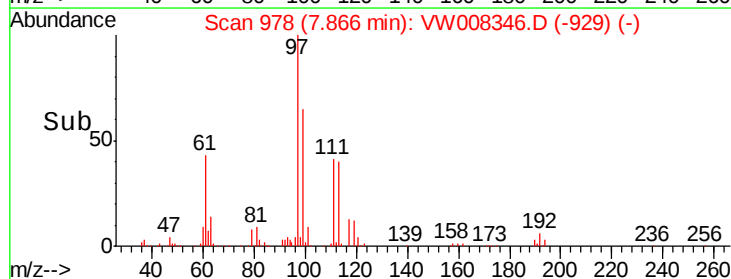
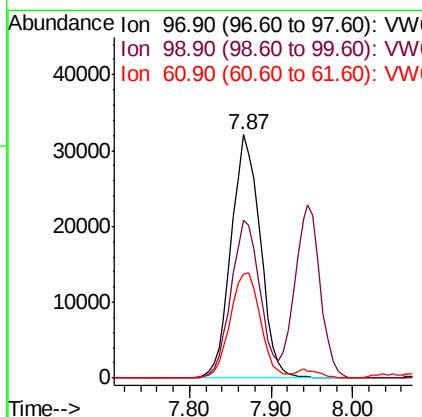
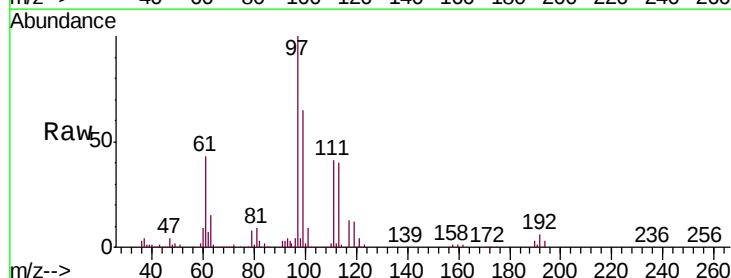
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

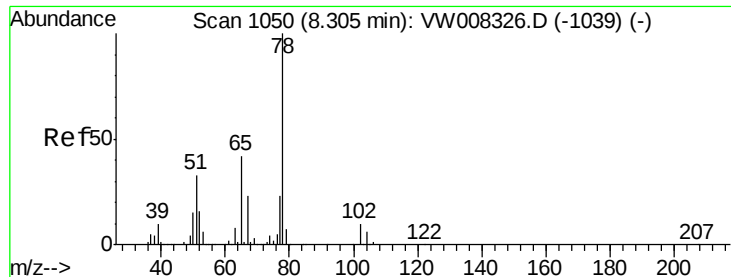
Tgt Ion: 56 Resp: 88160
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.6
84 84.8 72.5 108.7



#32
1,1,1-Trichloroethane
Concen: 55.590 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion: 97 Resp: 78974
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 45.2 34.0 51.0

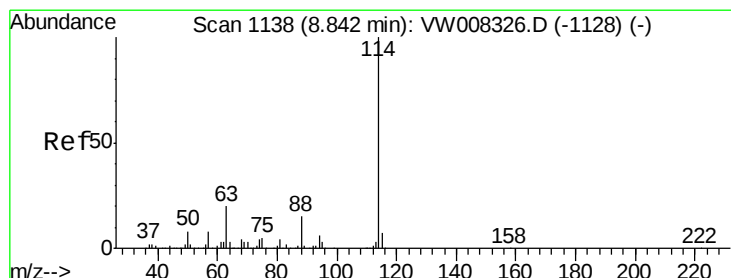
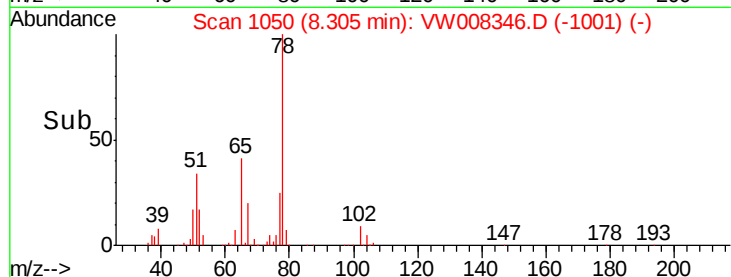
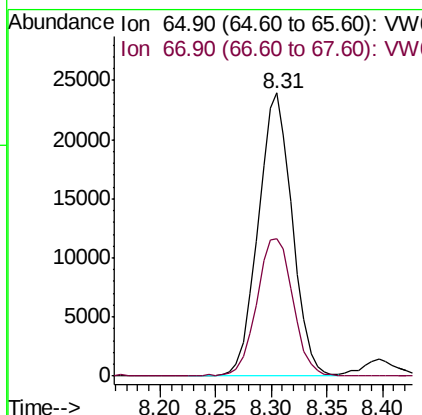
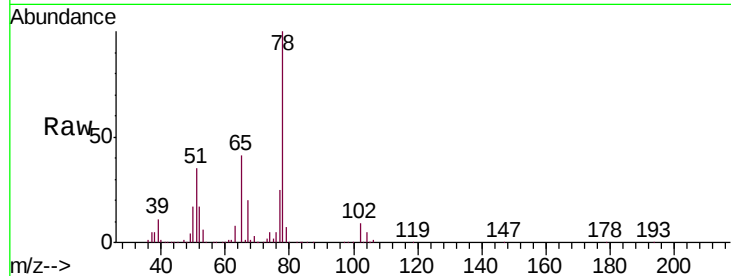




#33
 1,2-Dichloroethane-d4
 Concen: 58.351 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

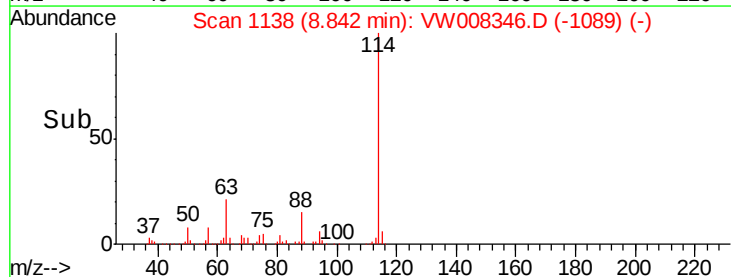
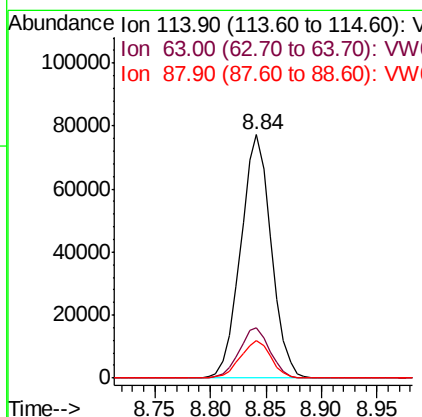
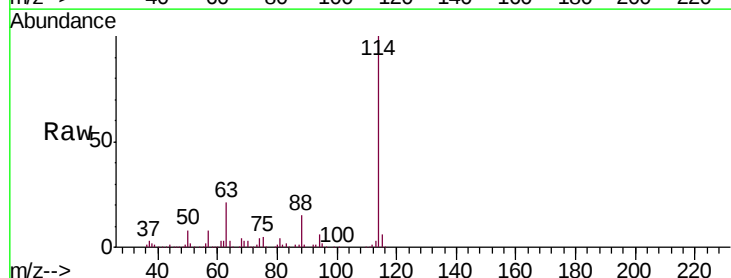
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

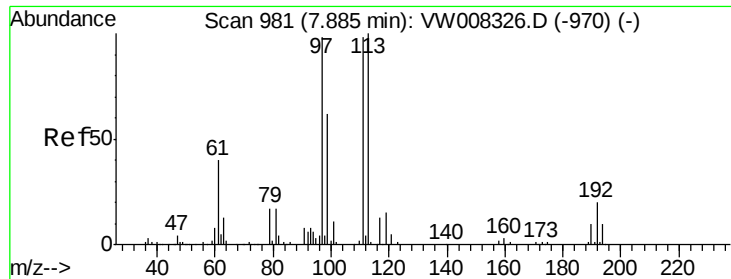
Tgt Ion: 65 Resp: 50928
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

Tgt Ion: 114 Resp: 146754
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.484 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

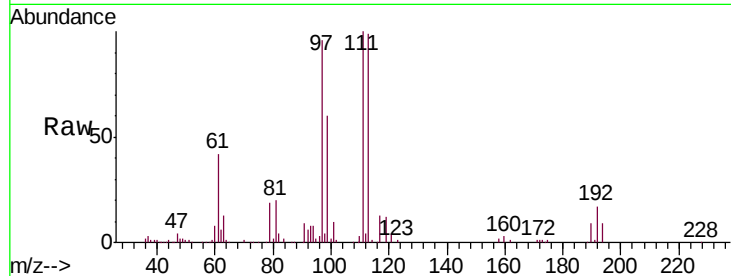
Tgt Ion:113 Resp: 49166

Ion Ratio Lower Upper

113 100

111 100.6 81.8 122.8

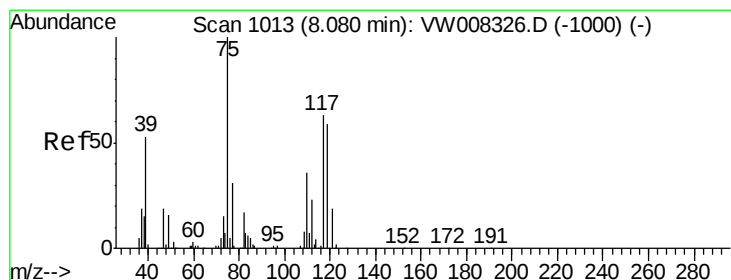
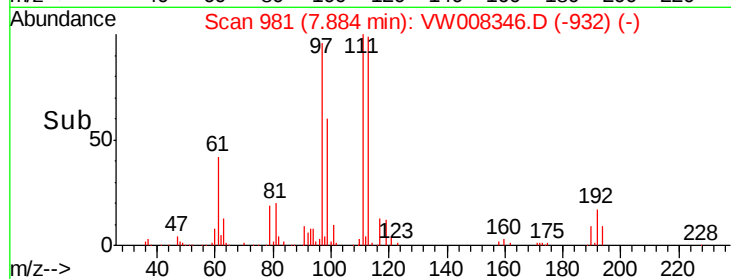
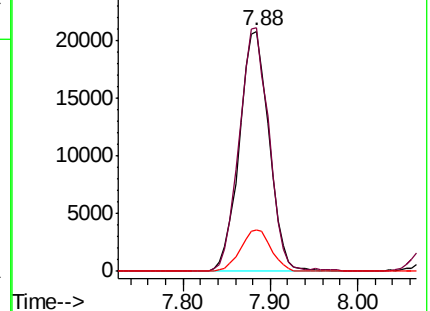
192 17.7 16.3 24.5



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: 53.860 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

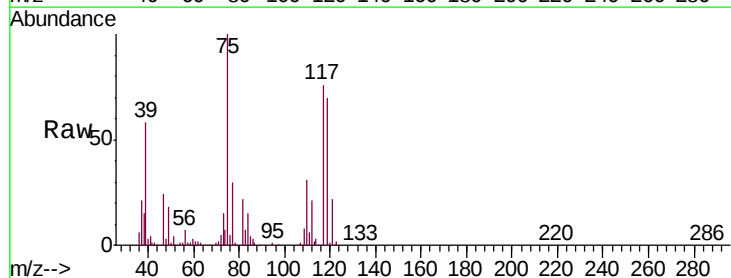
Tgt Ion: 75 Resp: 79523

Ion Ratio Lower Upper

75 100

110 34.2 17.5 52.6

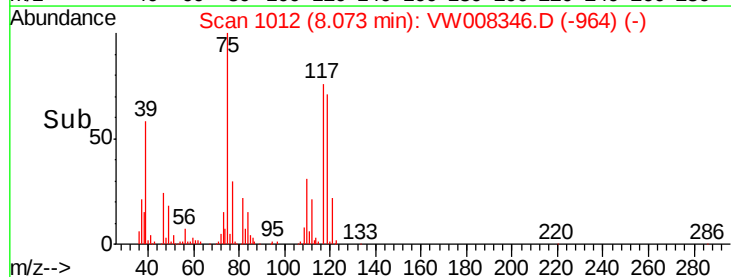
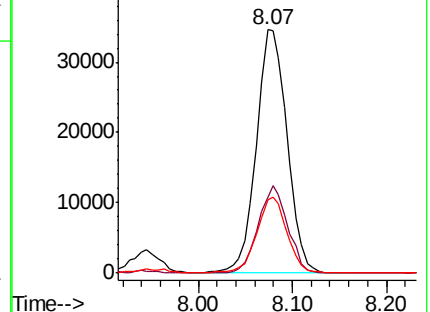
77 30.8 25.0 37.6

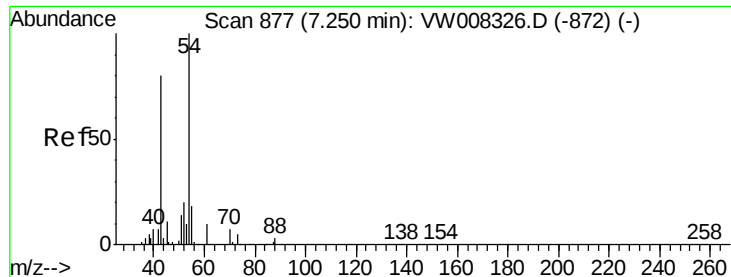


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

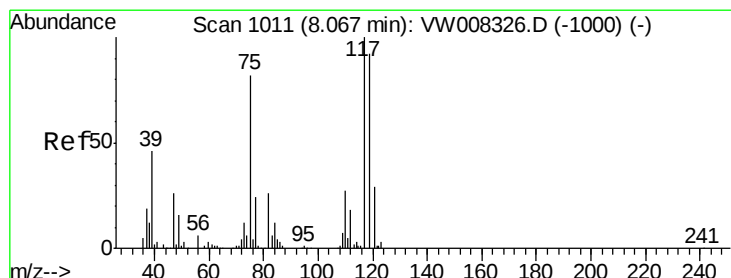
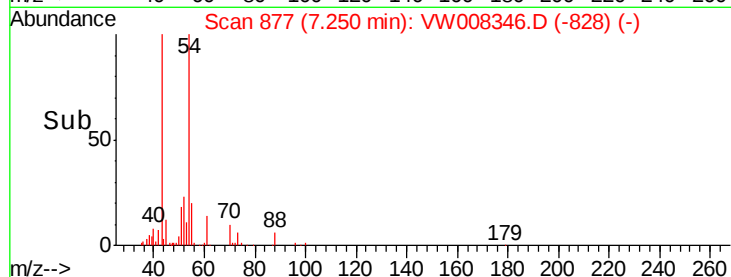
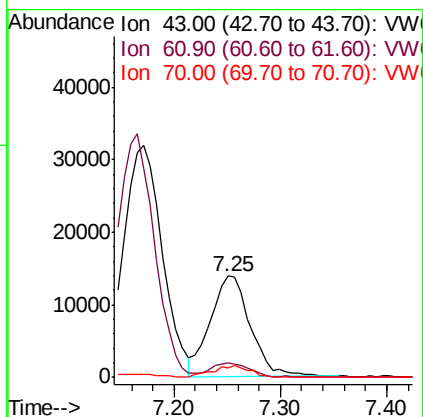
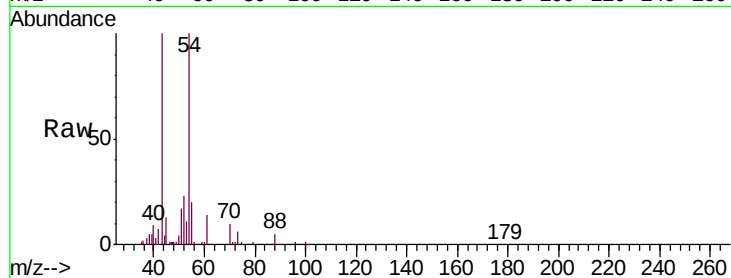




#37
Ethyl Acetate
Concen: 59.821 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

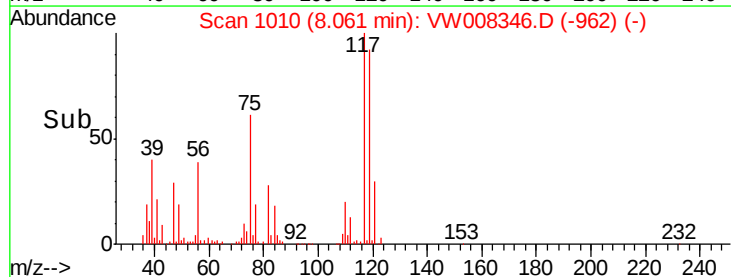
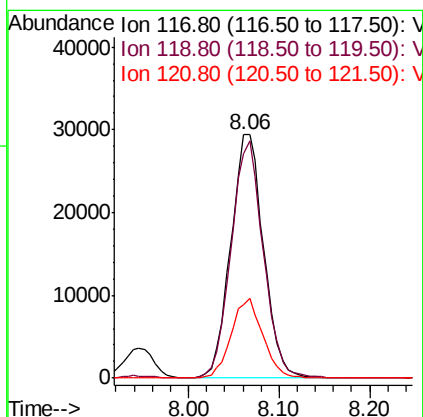
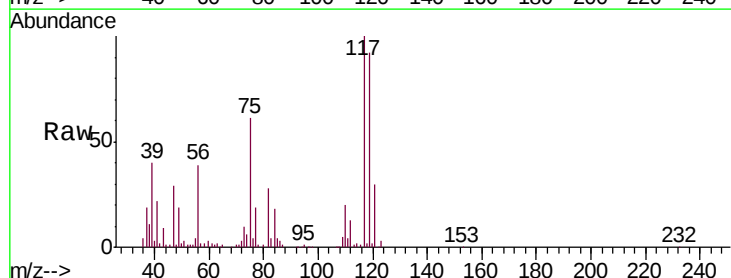
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

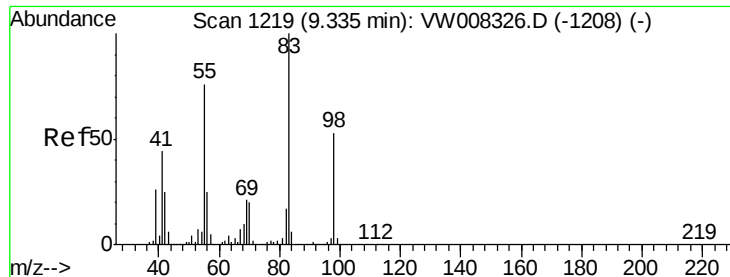
Tgt Ion: 43 Resp: 36423
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 11.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.598 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion: 117 Resp: 73770
Ion Ratio Lower Upper
117 100
119 92.2 73.8 110.6
121 30.2 23.4 35.0

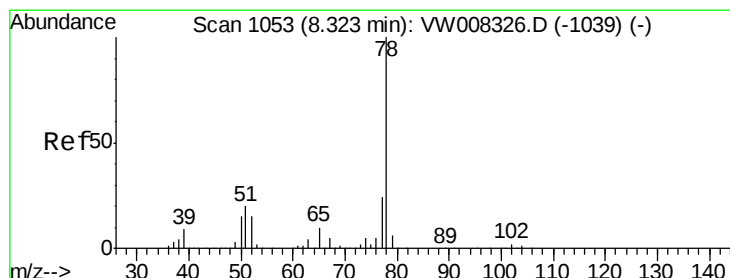
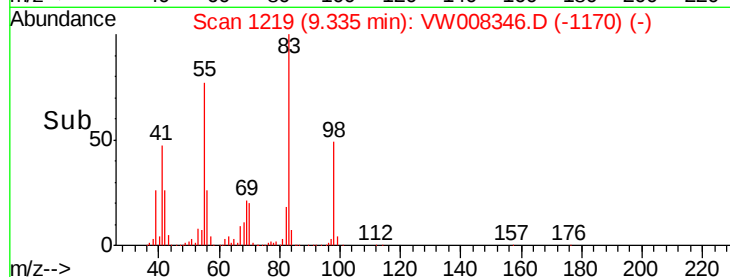
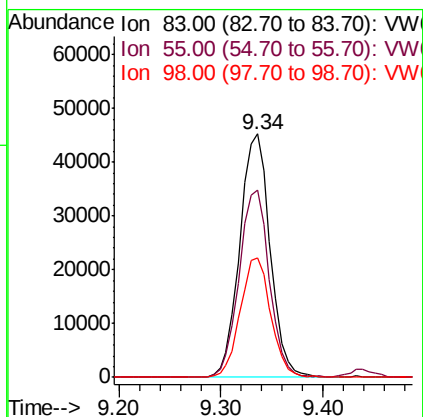
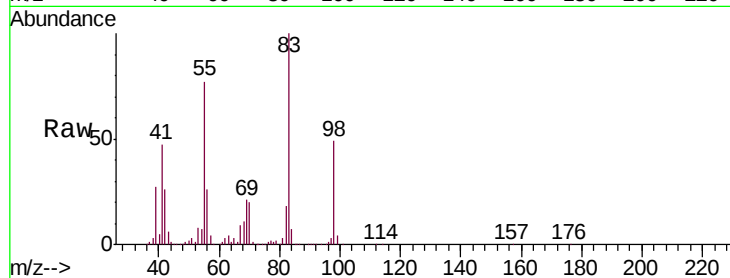




#39
Methylcyclohexane
Concen: 53.398 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

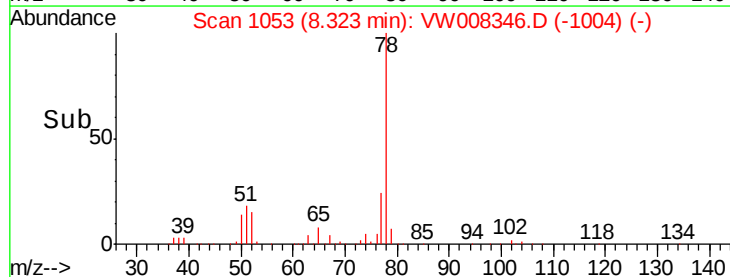
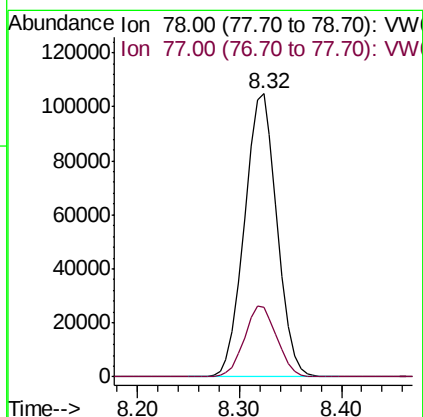
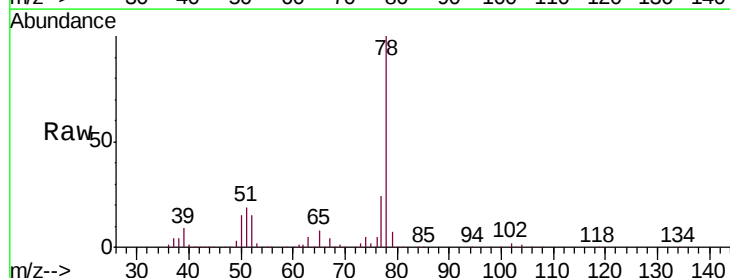
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

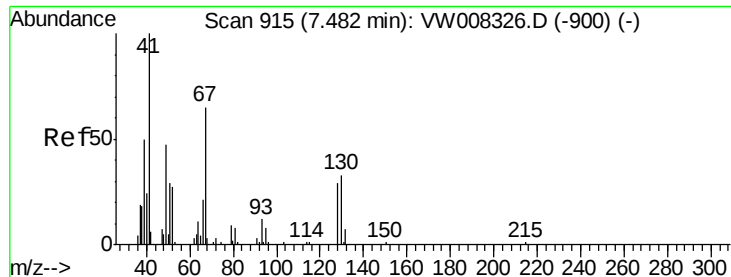
Tgt Ion: 83 Resp: 93781
Ion Ratio Lower Upper
83 100
55 77.2 61.1 91.7
98 48.9 42.5 63.7



#40
Benzene
Concen: 55.601 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion: 78 Resp: 232545
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

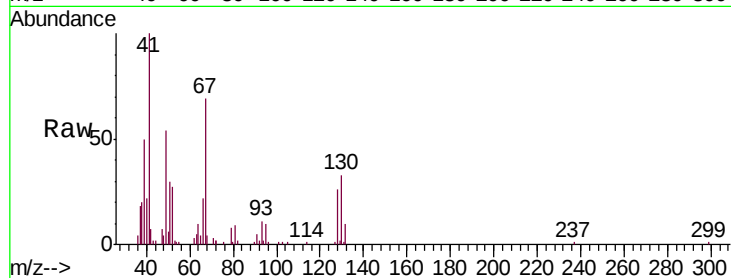




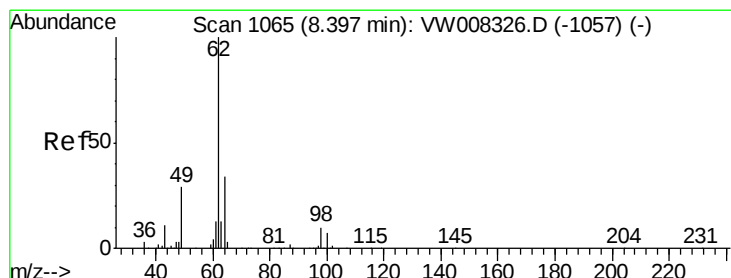
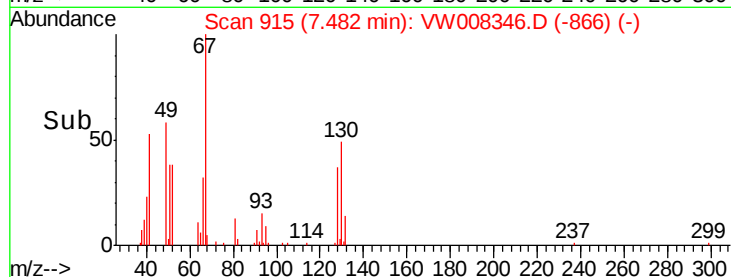
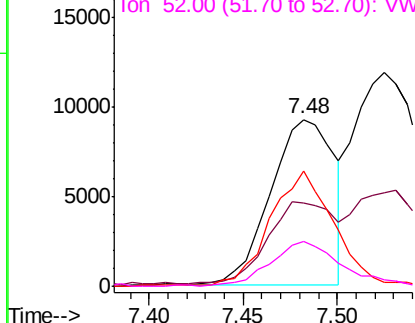
#41
Methacrylonitrile
Concen: 60.845 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	21566
Ion	Ratio	Lower	Upper
41	100		
39	50.9	44.9	67.3
67	70.4	56.9	85.3
52	30.5	24.4	36.6

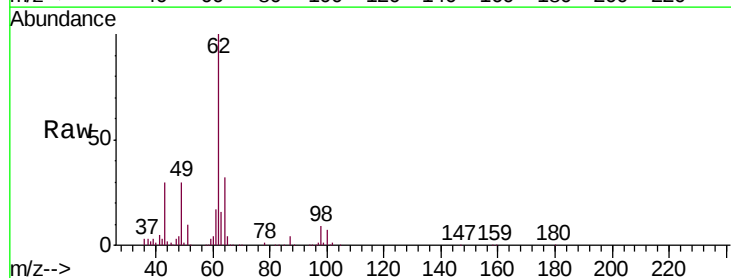


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

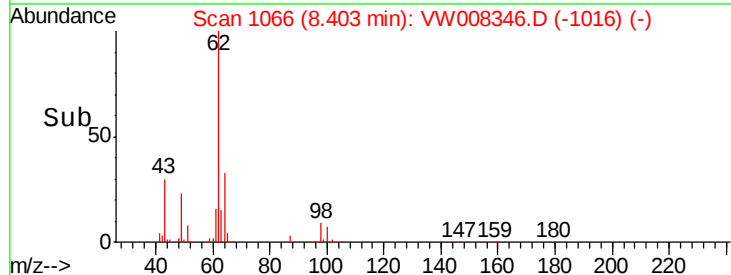
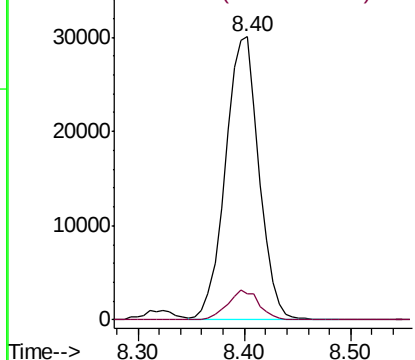


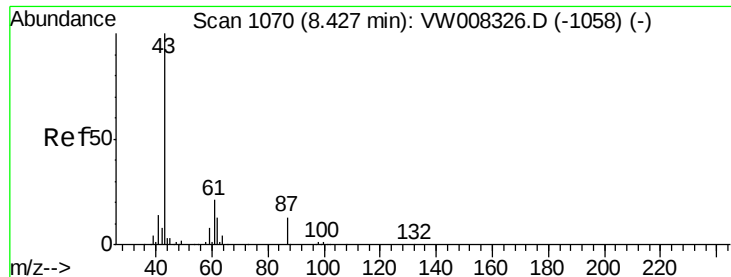
#42
1,2-Dichloroethane
Concen: 56.625 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion:	62	Resp:	66223
Ion	Ratio	Lower	Upper
62	100		
98	9.9	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: 60.652 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

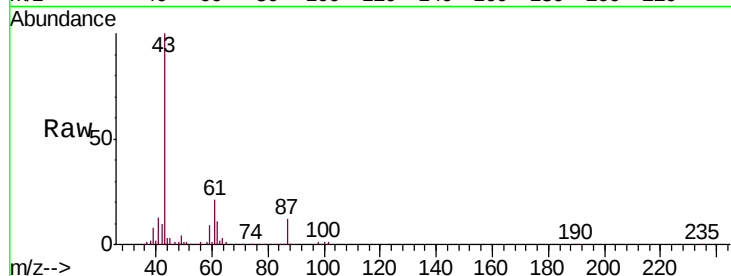
Tgt Ion: 43 Resp: 69756

Ion Ratio Lower Upper

43 100

61 30.8 24.8 37.2

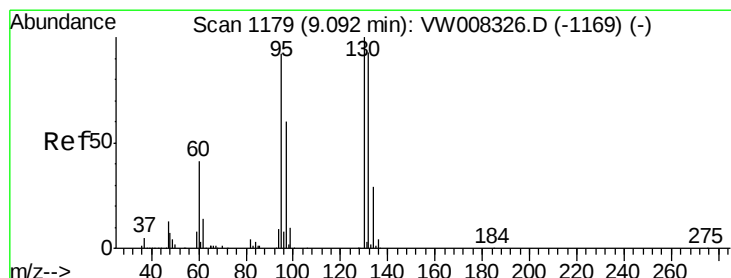
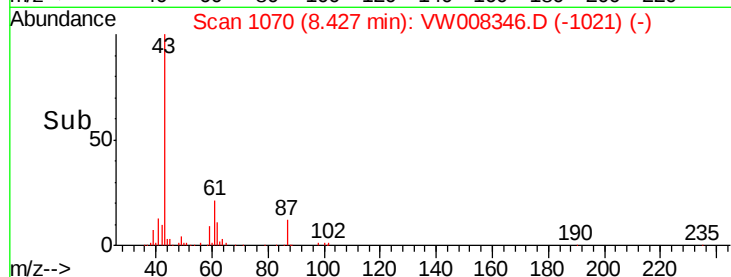
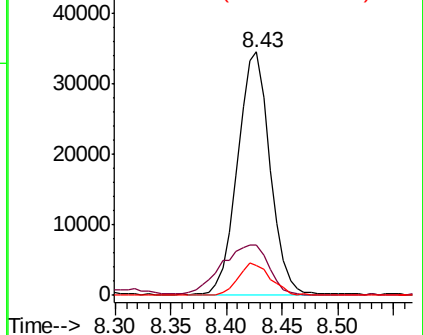
87 13.5 10.7 16.1



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: 51.920 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008346.D

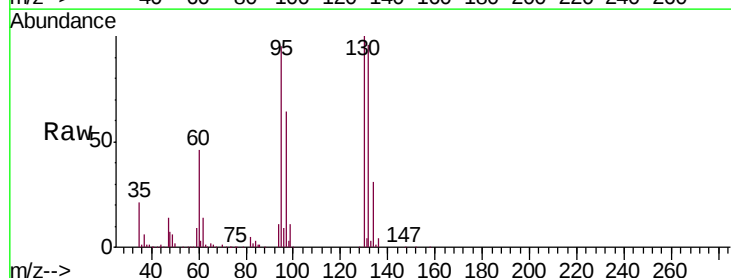
Acq: 17 Jan 2019 23:19

Tgt Ion: 130 Resp: 59493

Ion Ratio Lower Upper

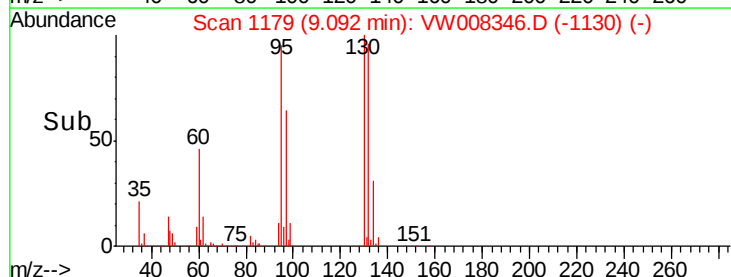
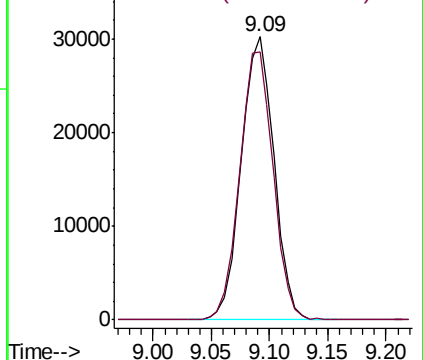
130 100

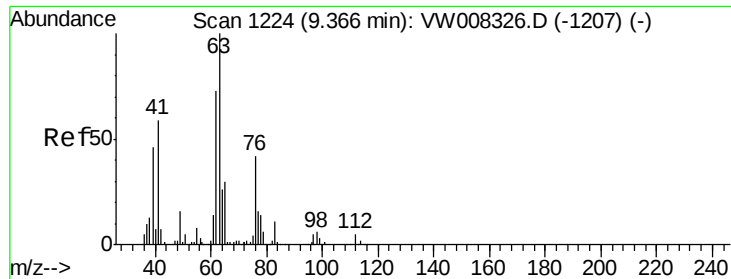
95 94.9 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

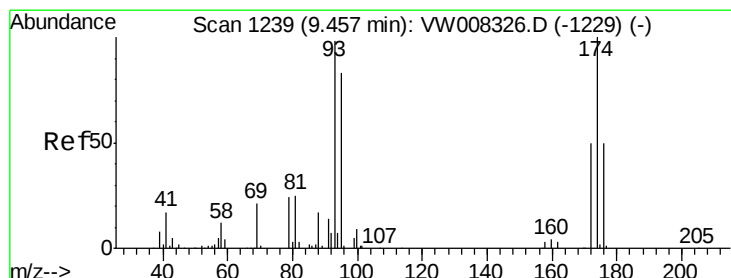
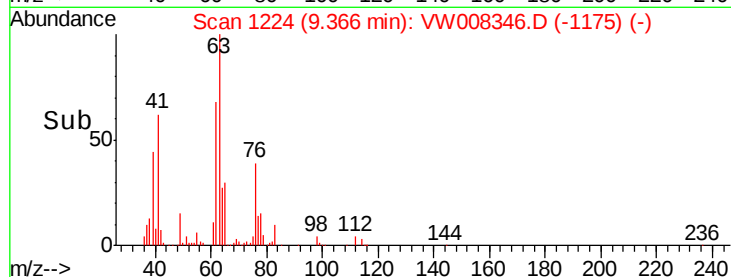
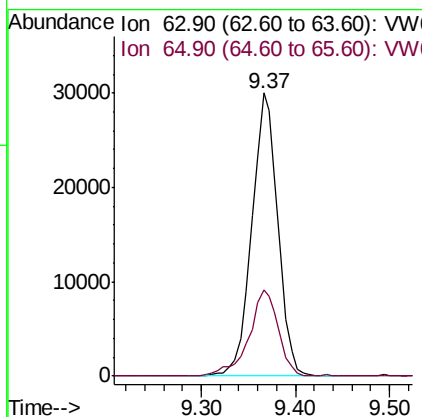
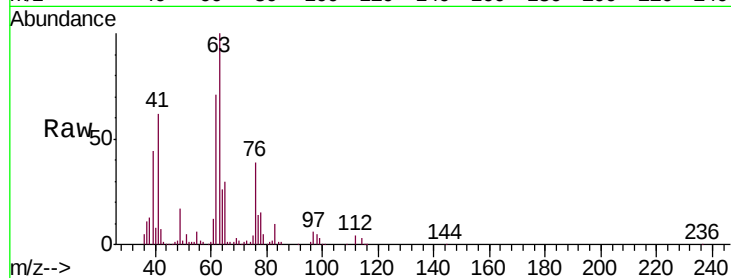




#45
 1,2-Dichloropropane
 Concen: 56.057 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

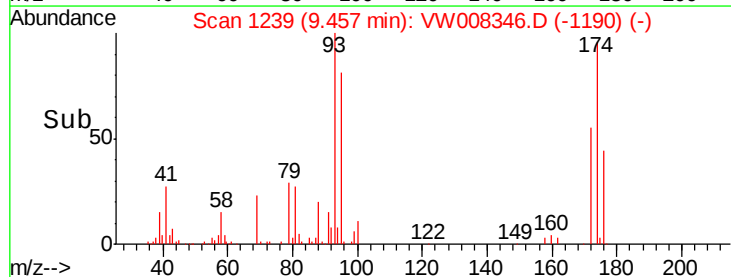
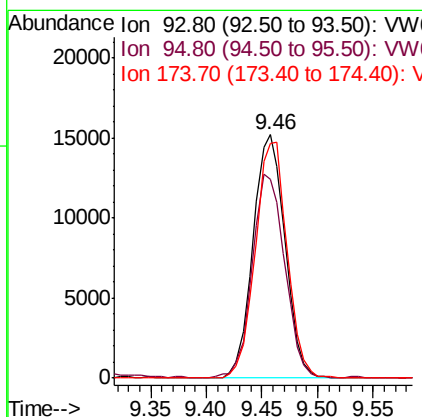
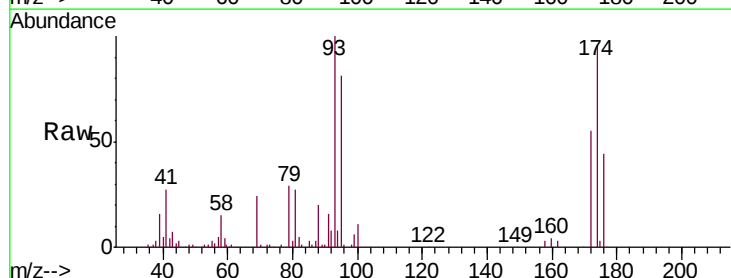
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

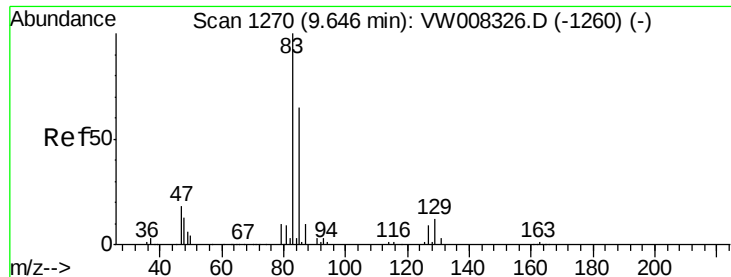
Tgt Ion: 63 Resp: 58237
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.9 35.9



#46
 Dibromomethane
 Concen: 56.373 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

Tgt Ion: 93 Resp: 30524
 Ion Ratio Lower Upper
 93 100
 95 85.2 67.8 101.8
 174 96.5 84.4 126.6

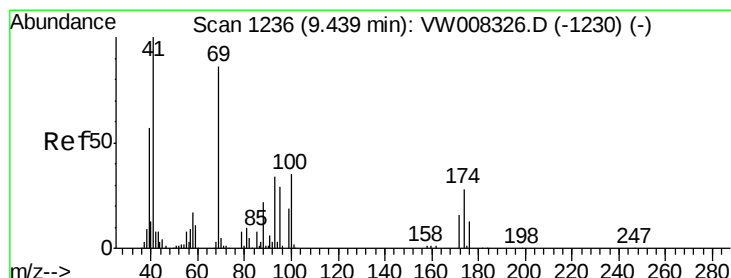
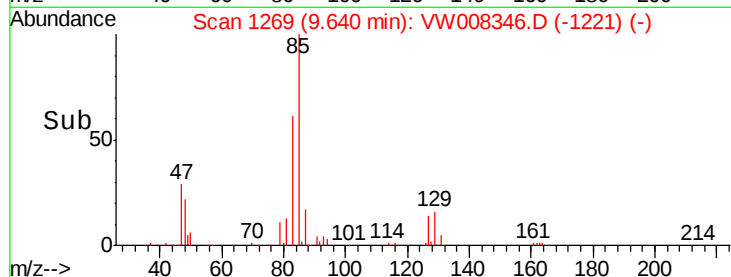
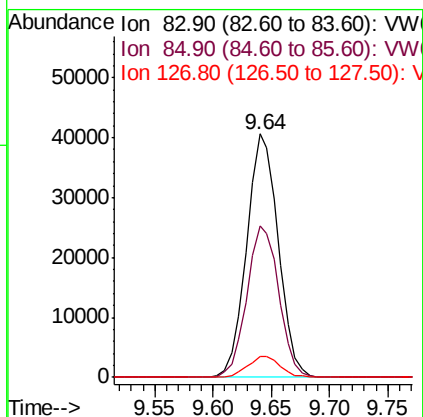
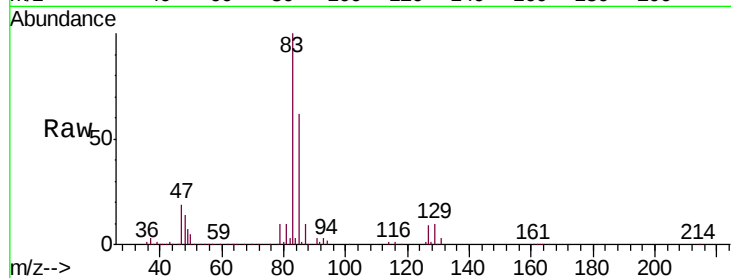




#47
 Bromodichloromethane
 Concen: 57.650 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

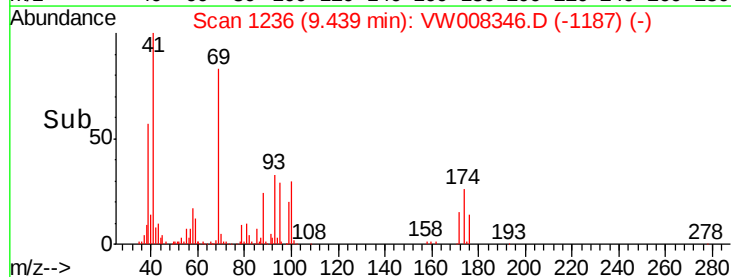
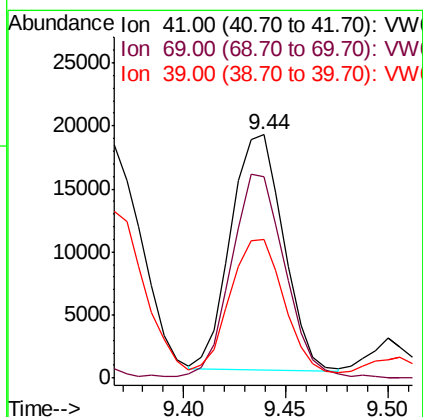
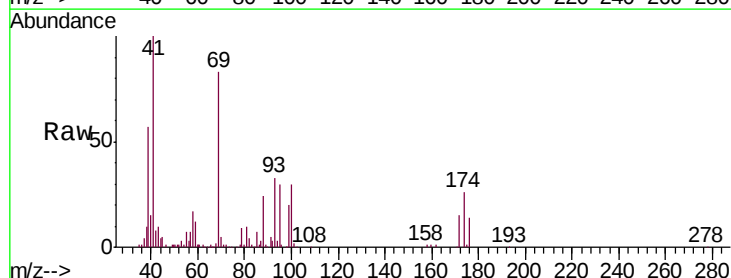
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

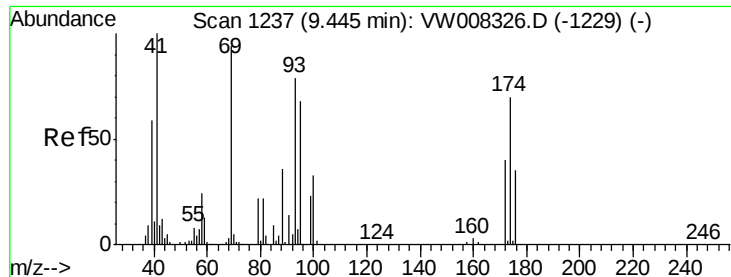
Tgt Ion: 83 Resp: 76997
 Ion Ratio Lower Upper
 83 100
 85 62.4 51.6 77.4
 127 8.8 6.8 10.2



#48
 Methyl methacrylate
 Concen: 61.891 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

Tgt Ion: 41 Resp: 33509
 Ion Ratio Lower Upper
 41 100
 69 89.4 68.2 102.4
 39 60.9 46.0 69.0

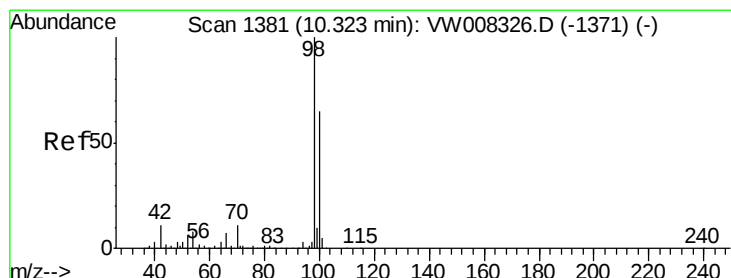
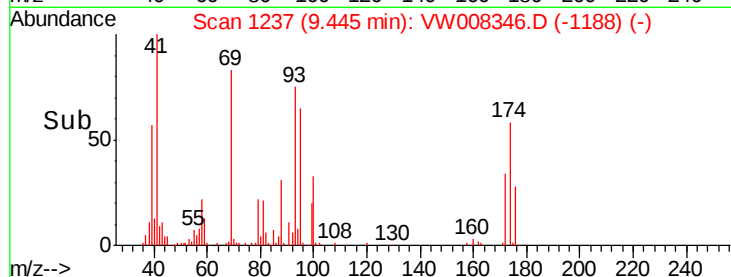
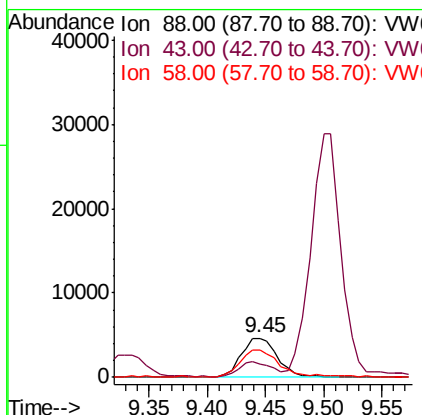
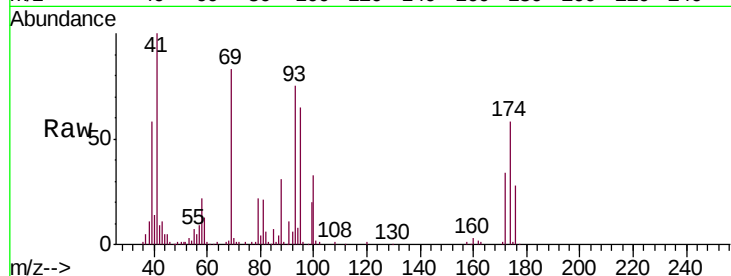




#49
1,4-Dioxane
Concen: 1161.823 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

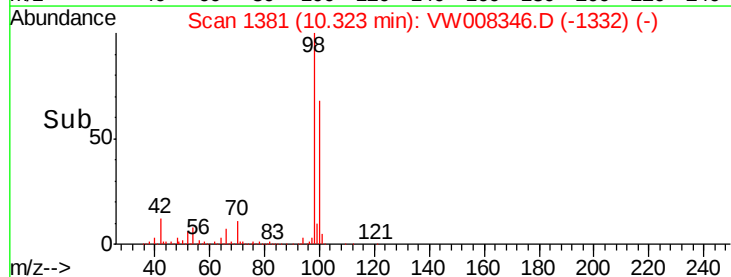
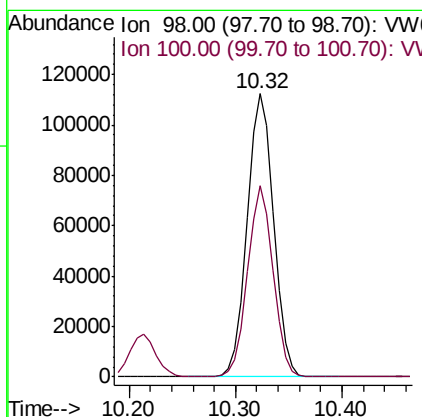
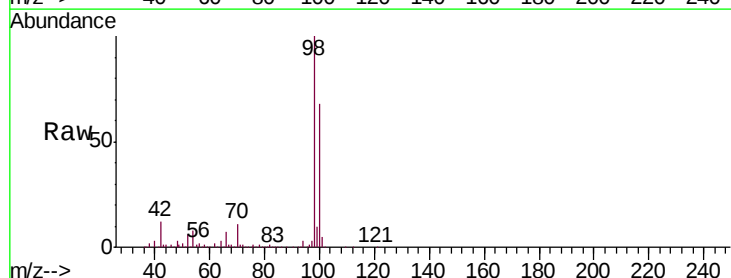
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

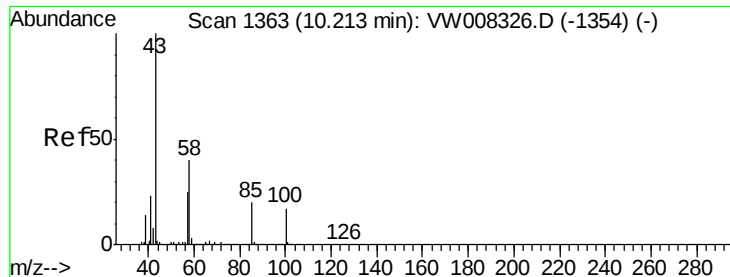
Tgt Ion: 88 Resp: 10127
Ion Ratio Lower Upper
88 100
43 33.6 27.1 40.7
58 77.8 57.9 86.9



#50
Toluene-d8
Concen: 53.365 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion: 98 Resp: 196395
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 323.160 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

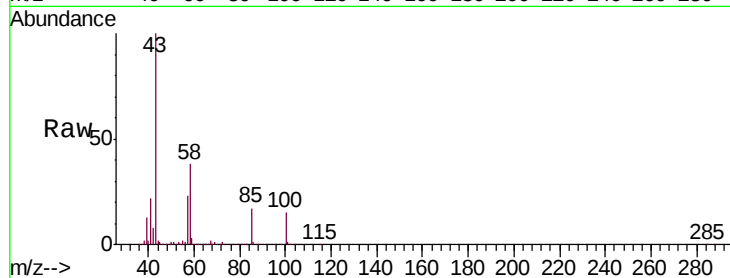
VSTDCCC050EC

Tgt Ion: 43 Resp: 188195

Ion Ratio Lower Upper

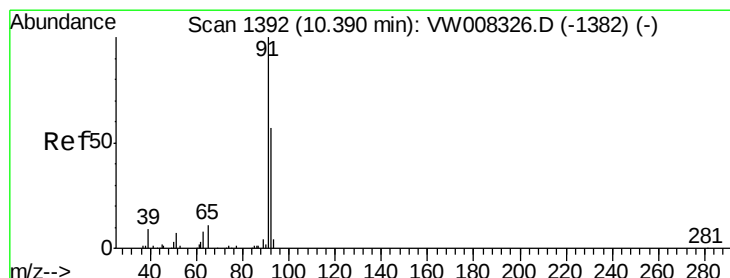
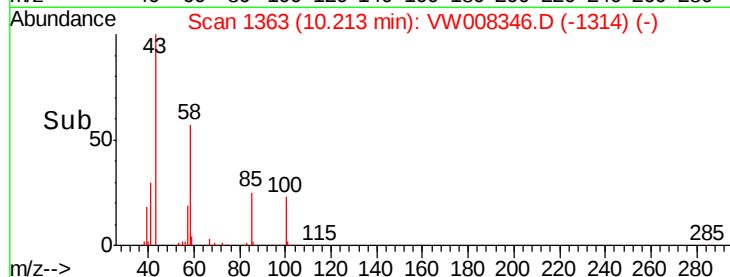
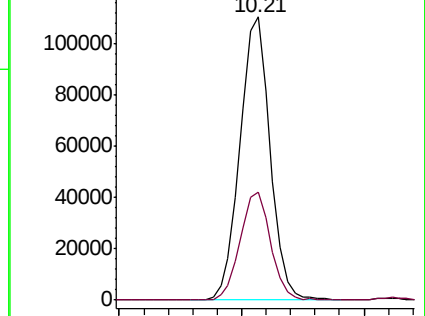
43 100

58 38.6 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 56.978 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008346.D

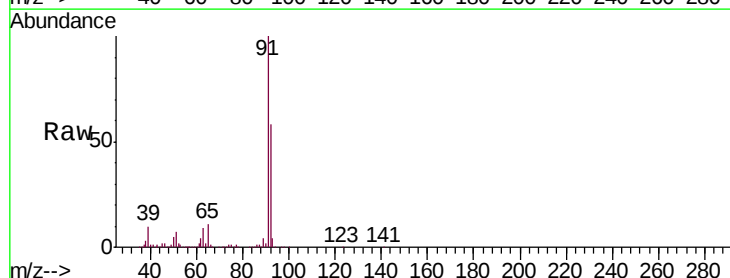
Acq: 17 Jan 2019 23:19

Tgt Ion: 92 Resp: 150807

Ion Ratio Lower Upper

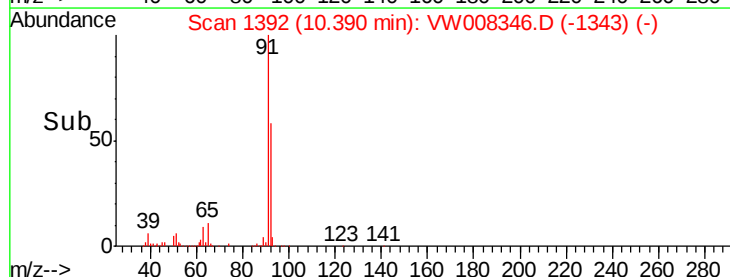
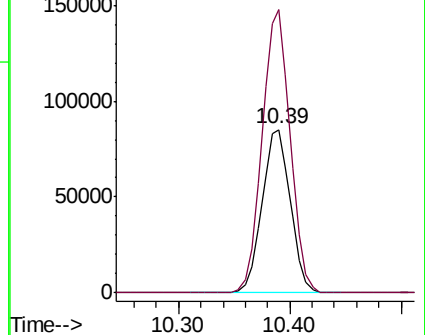
92 100

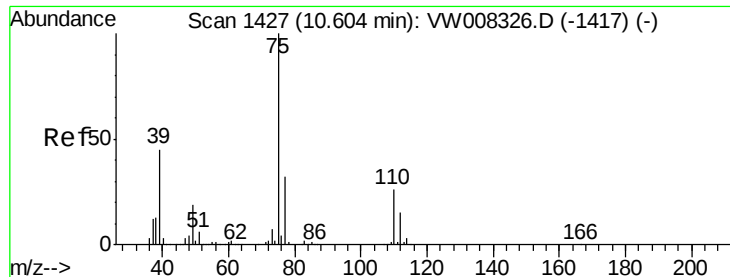
91 171.6 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 57.130 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

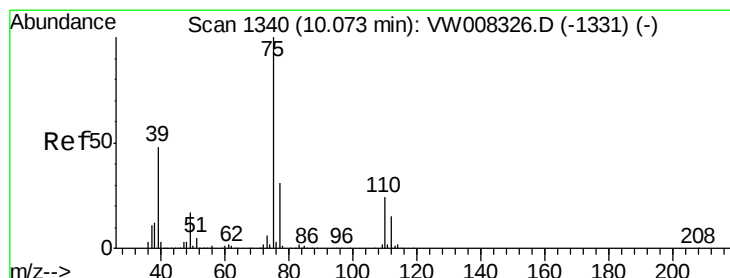
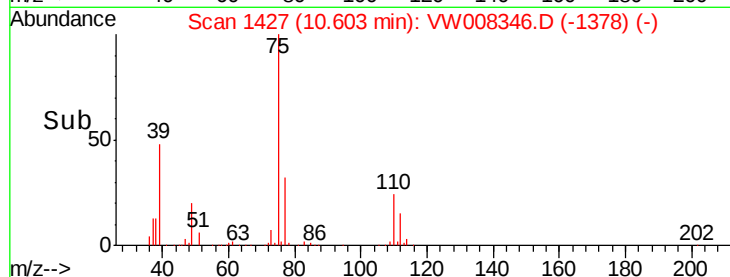
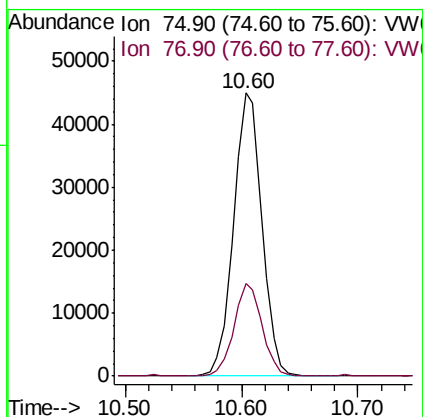
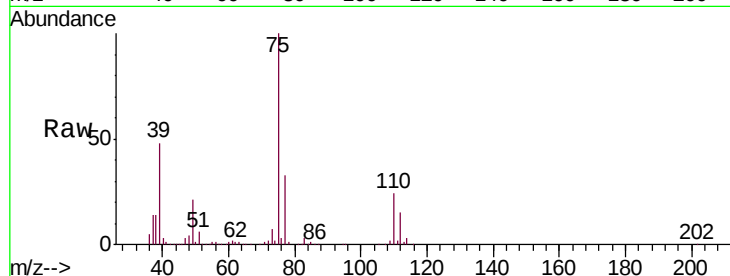
VSTDCCC050EC

Tgt Ion: 75 Resp: 76156

Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 56.690 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

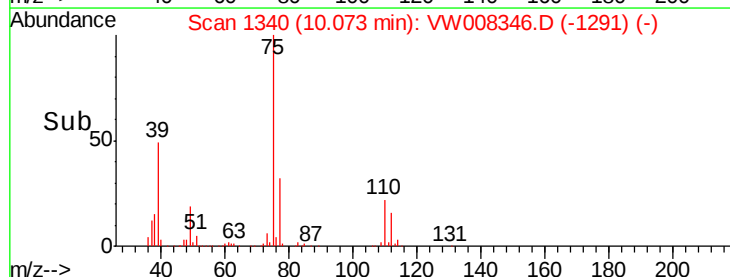
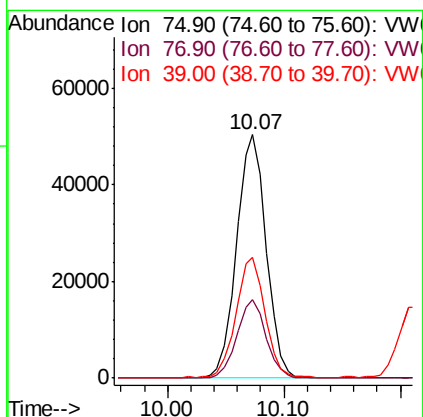
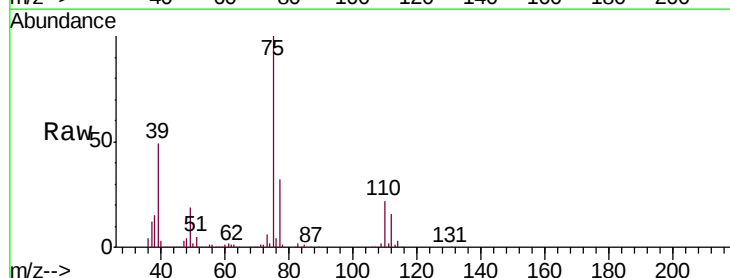
Tgt Ion: 75 Resp: 89083

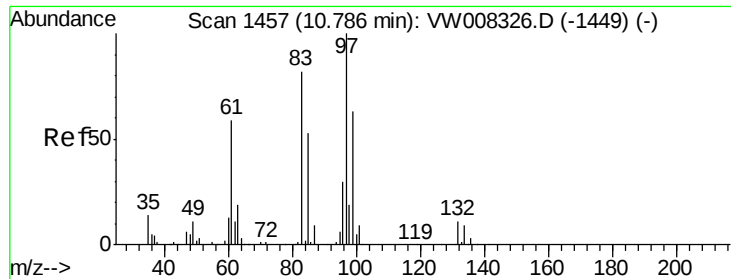
Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6

39 49.1 38.6 57.8





#55

1,1,2-Trichloroethane

Concen: 58.919 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 44249

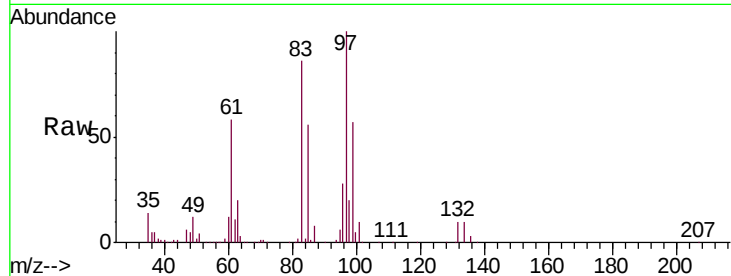
Ion Ratio Lower Upper

97 100

83 86.3 65.3 97.9

85 55.5 42.6 64.0

99 57.2 50.2 75.2

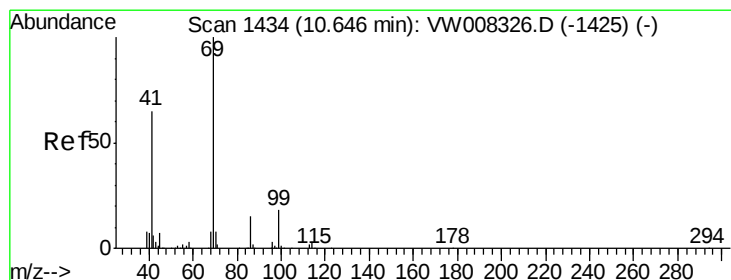
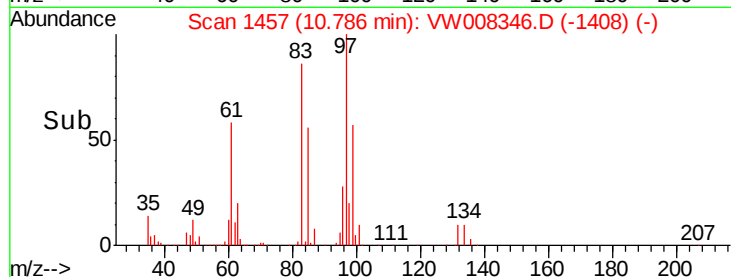
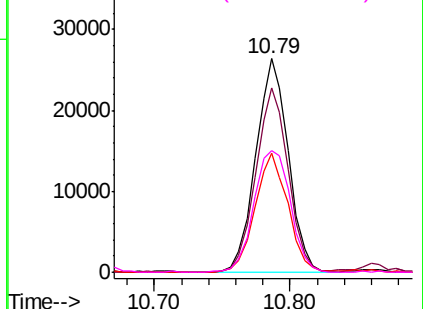


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 62.983 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

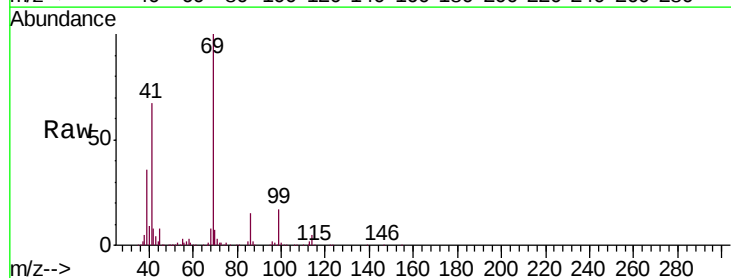
Tgt Ion: 69 Resp: 55551

Ion Ratio Lower Upper

69 100

41 65.9 52.9 79.3

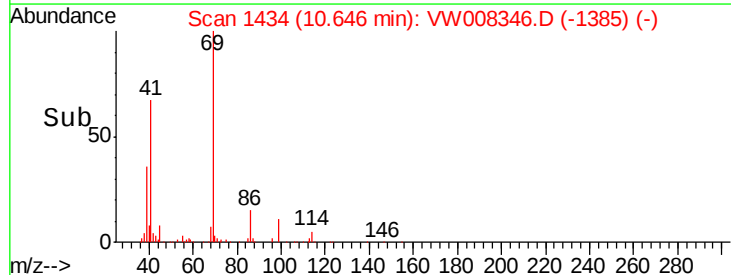
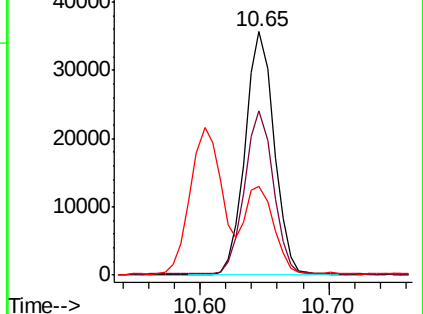
39 35.3 28.4 42.6

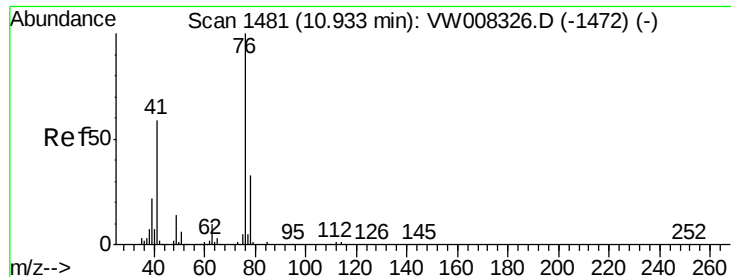


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

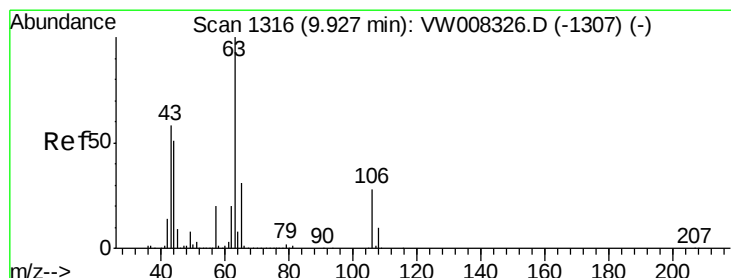
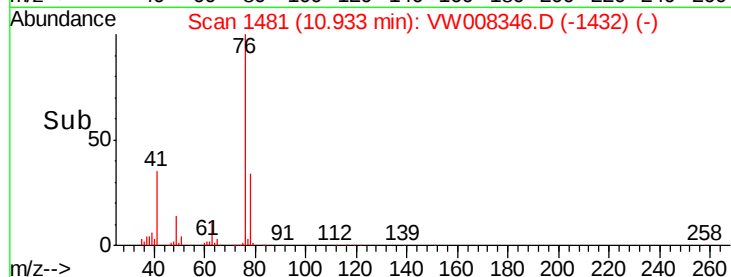
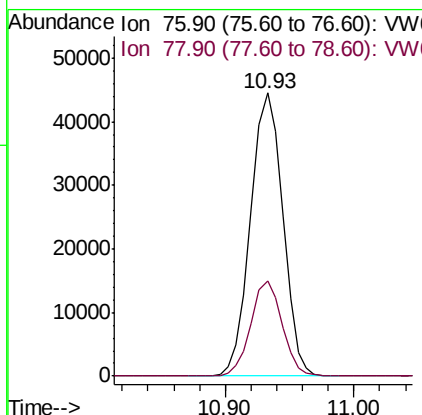
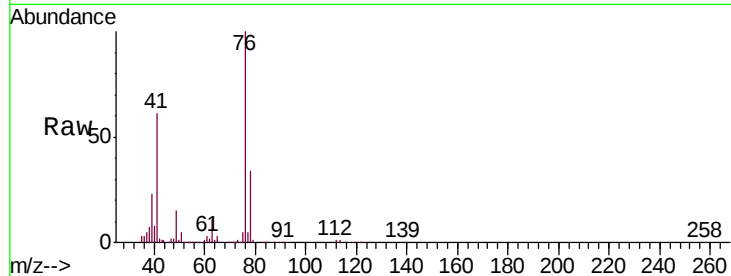




#57
 1,3-Dichloropropane
 Concen: 59.218 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

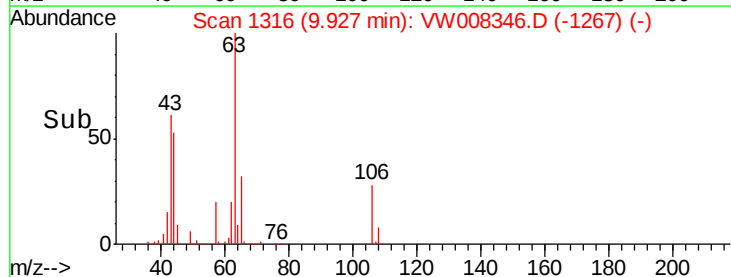
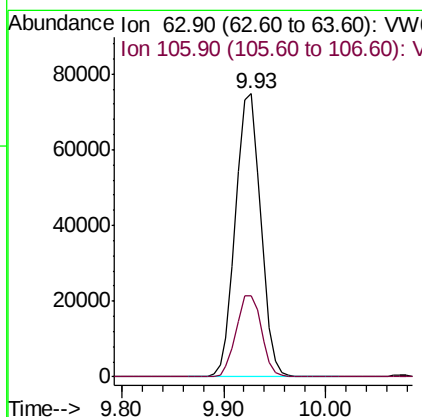
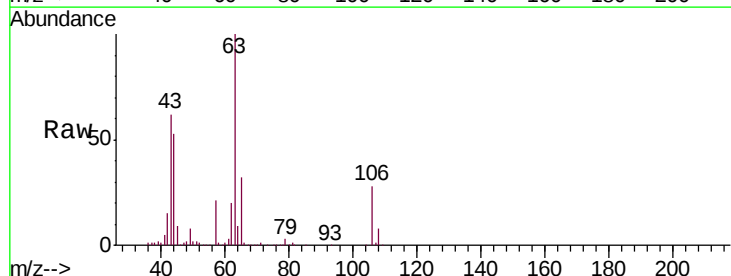
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

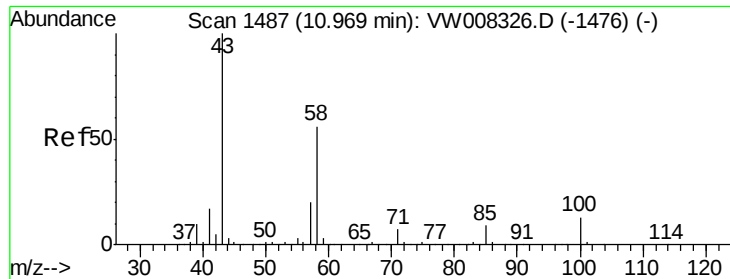
Tgt Ion: 76 Resp: 77219
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.815 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

Tgt Ion: 63 Resp: 127977
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.9 34.3





#59

2-Hexanone

Concen: 325.333 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

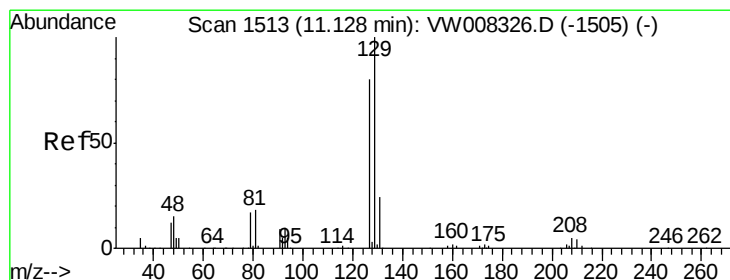
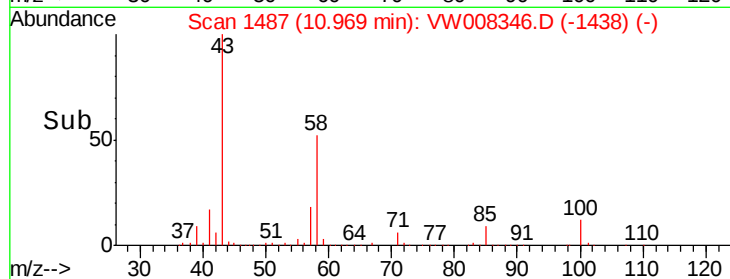
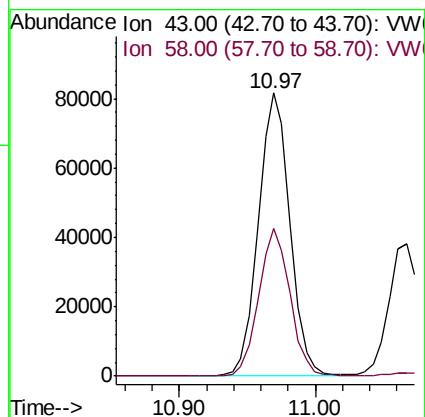
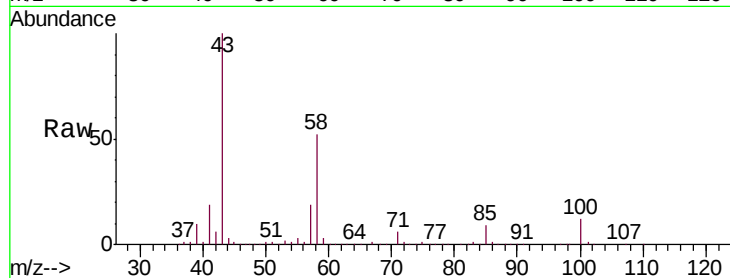
VSTDCCC050EC

Tgt Ion: 43 Resp: 132748

Ion Ratio Lower Upper

43 100

58 51.9 27.5 82.5



#60

Dibromochloromethane

Concen: 57.882 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW008346.D

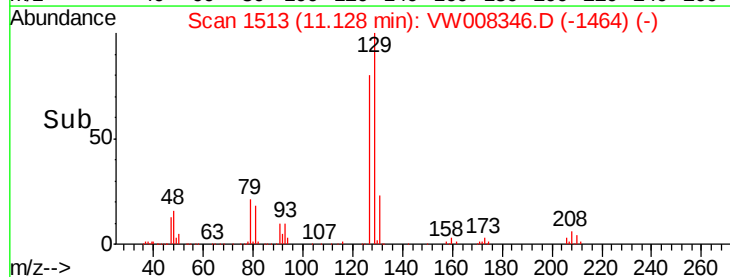
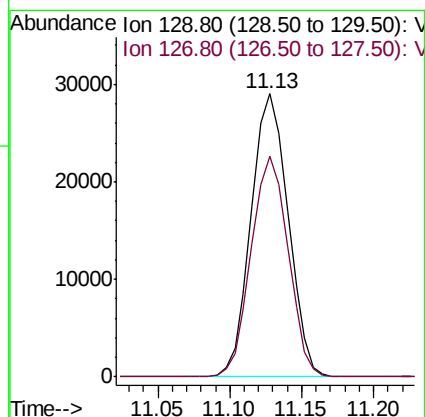
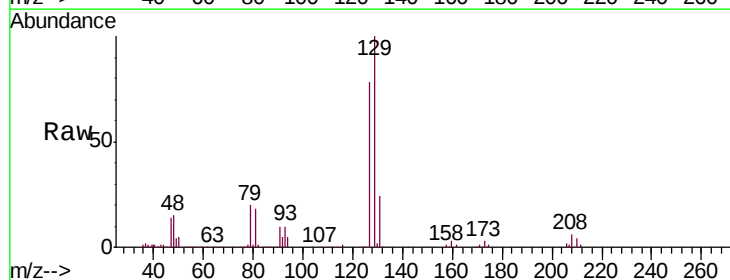
Acq: 17 Jan 2019 23:19

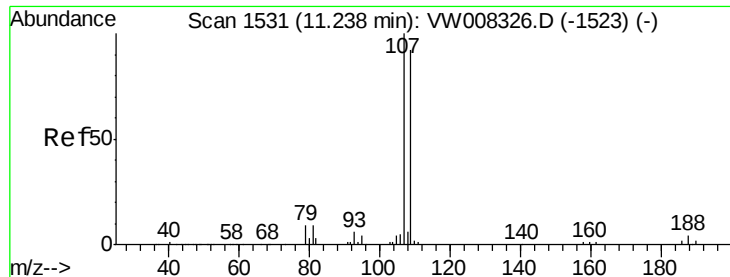
Tgt Ion: 129 Resp: 51880

Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 58.551 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

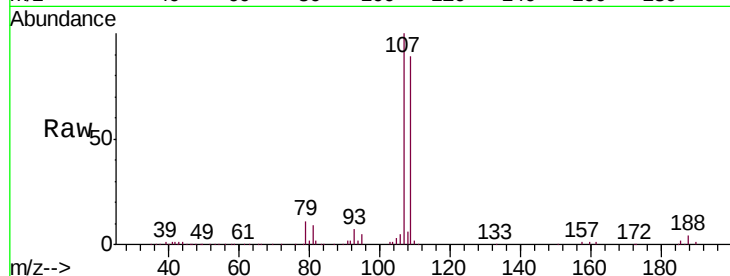
VSTDCCC050EC

Tgt Ion: 107 Resp: 42580

Ion Ratio Lower Upper

107 100

109 94.4 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

25000

20000

15000

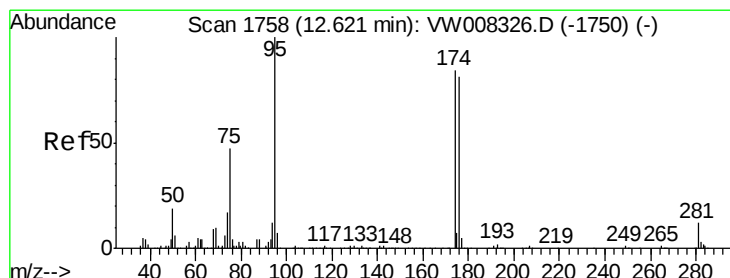
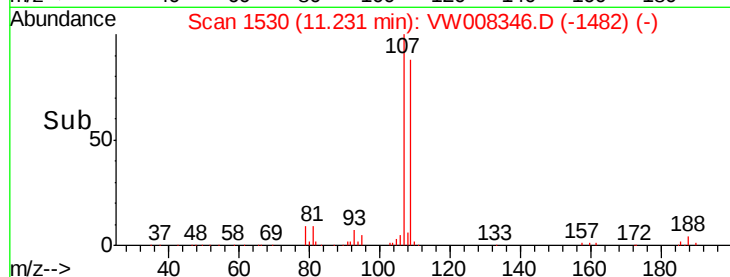
10000

5000

0

Time-->

11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 54.692 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

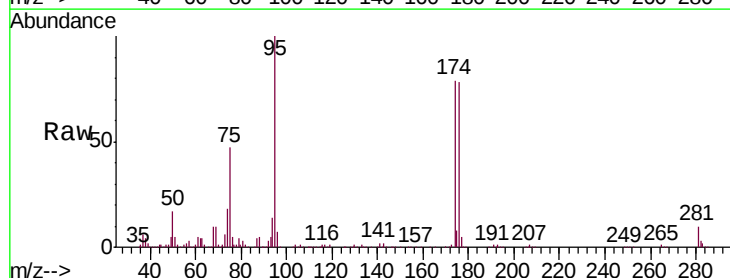
Tgt Ion: 95 Resp: 72188

Ion Ratio Lower Upper

95 100

174 77.5 0.0 166.0

176 74.2 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

12.62

60000

50000

40000

30000

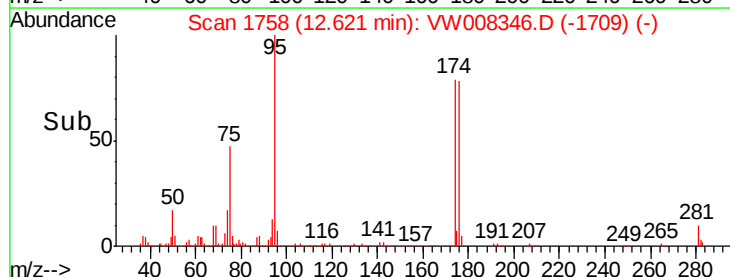
20000

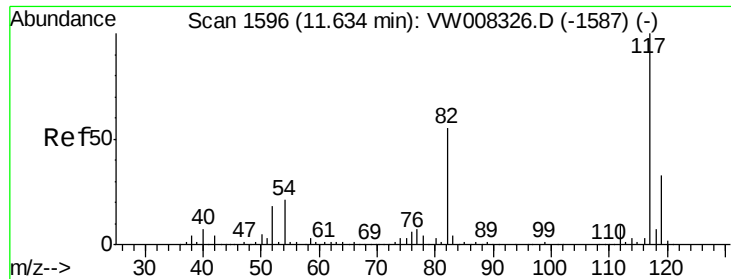
10000

0

Time-->

12.55 12.60 12.65 12.70

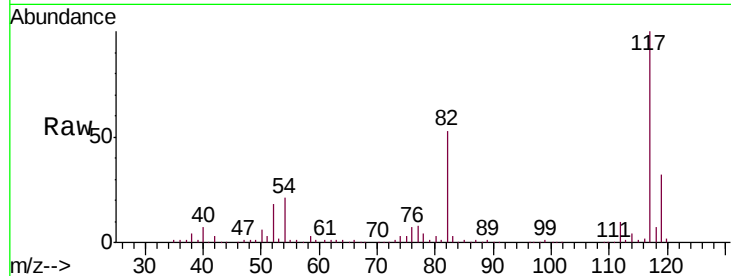




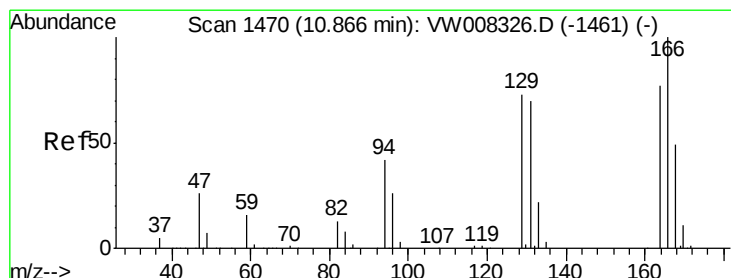
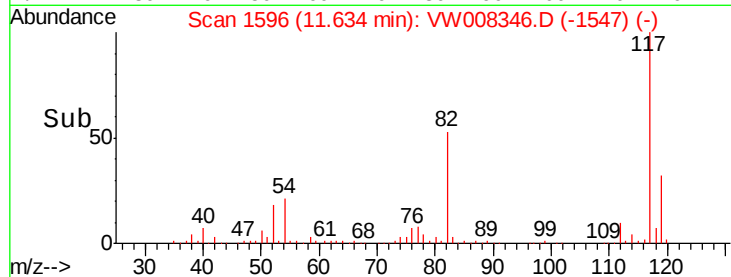
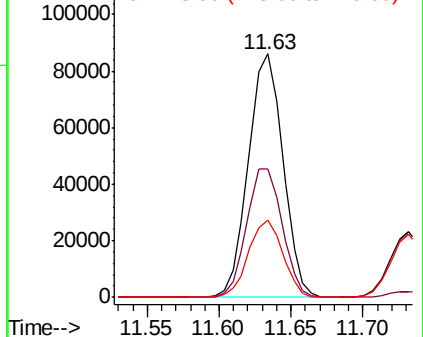
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 143589
Ion Ratio Lower Upper
117 100
82 52.7 44.3 66.5
119 31.7 26.3 39.5

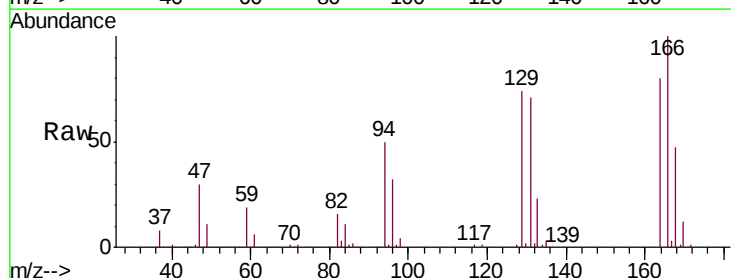


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

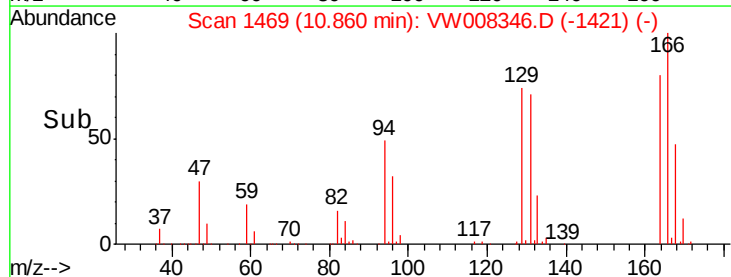
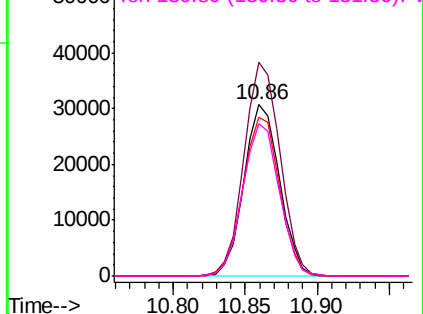


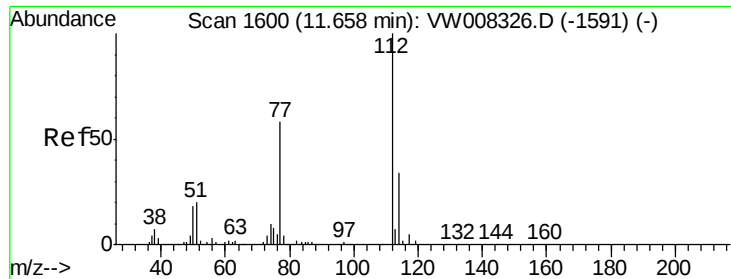
#64
Tetrachloroethene
Concen: 52.236 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion:164 Resp: 52592
Ion Ratio Lower Upper
164 100
166 124.9 103.4 155.2
129 92.6 75.0 112.6
131 89.0 72.9 109.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

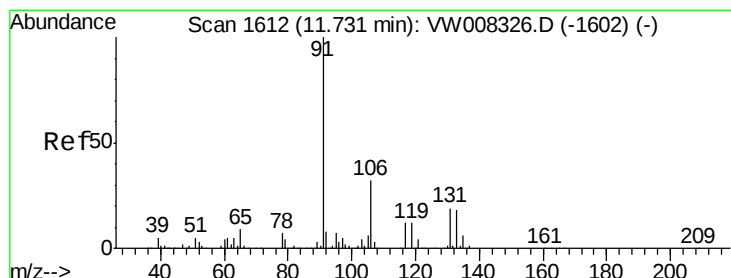
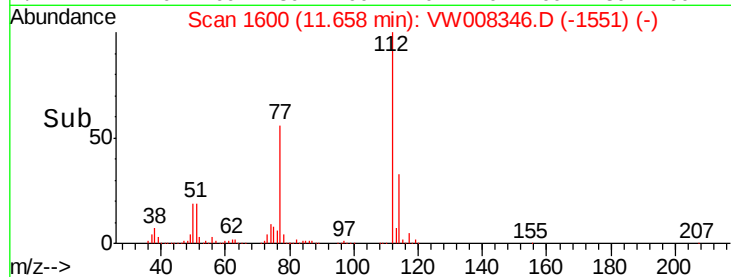
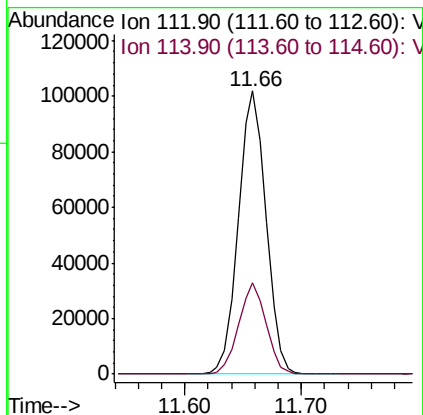
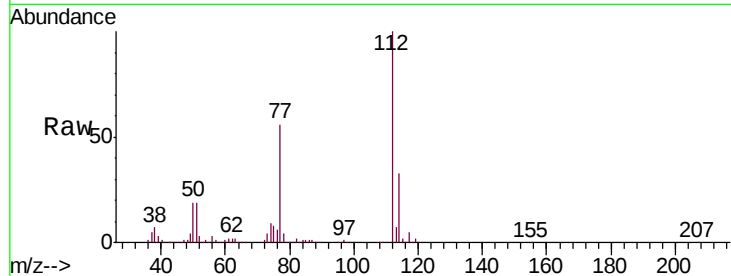




#65
Chlorobenzene
Concen: 53.891 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

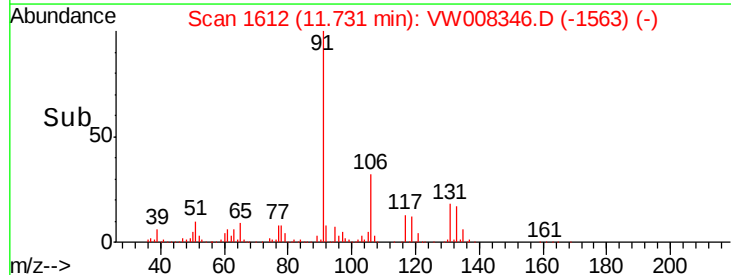
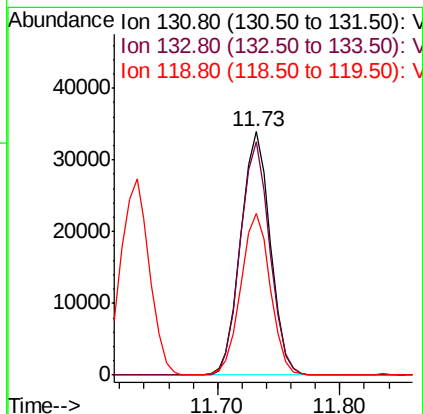
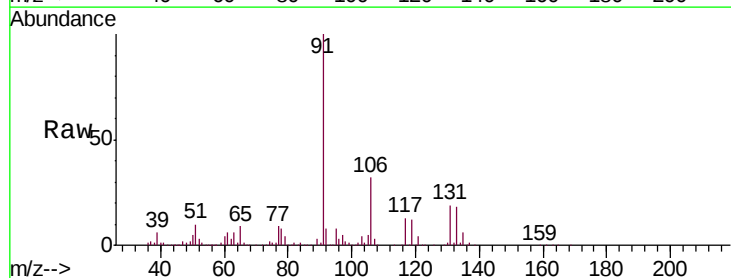
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

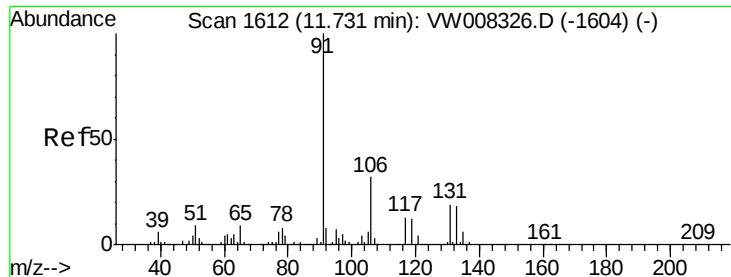
Tgt Ion:112 Resp: 168787
Ion Ratio Lower Upper
112 100
114 32.5 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.849 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion:131 Resp: 56969
Ion Ratio Lower Upper
131 100
133 95.2 48.2 144.6
119 66.0 31.6 94.7

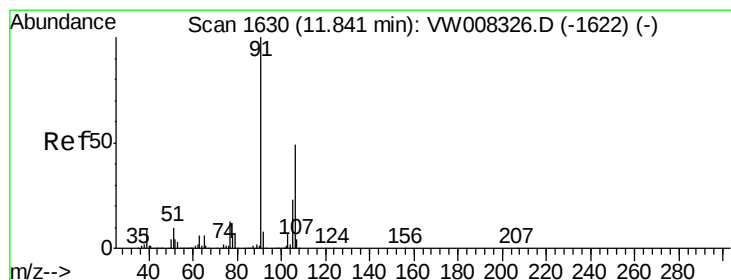
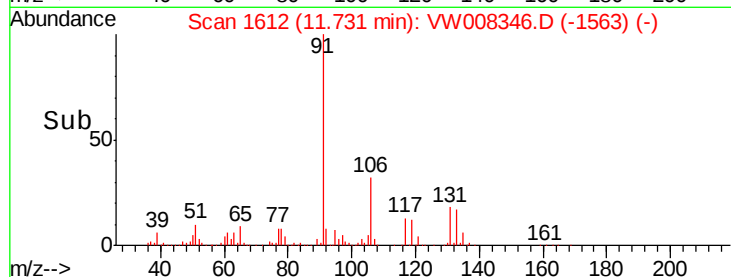
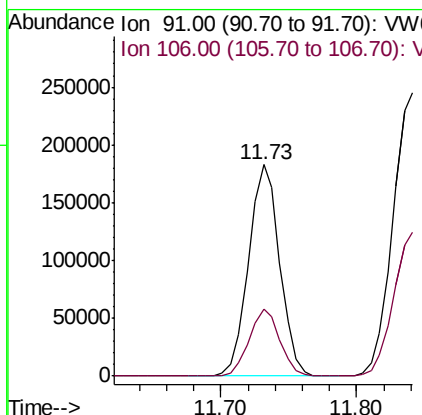
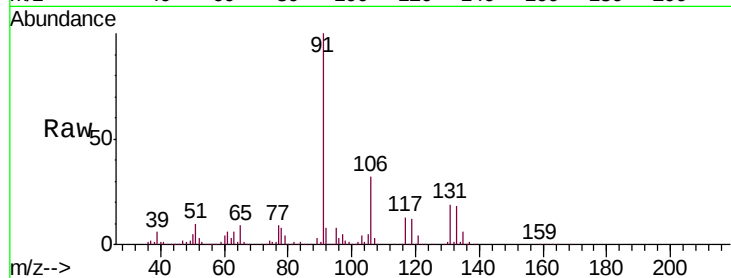




#67
Ethyl Benzene
Concen: 53.857 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

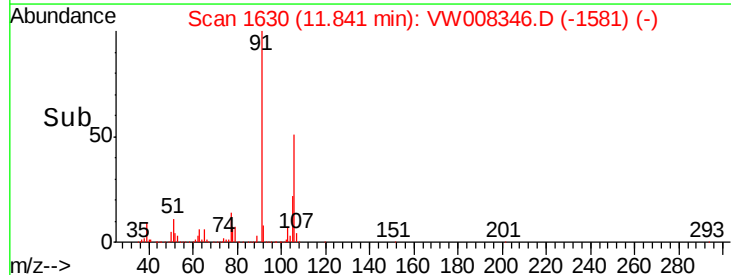
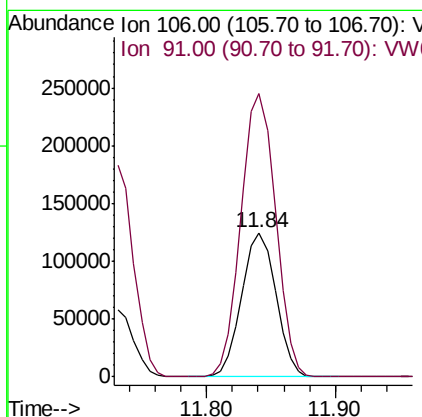
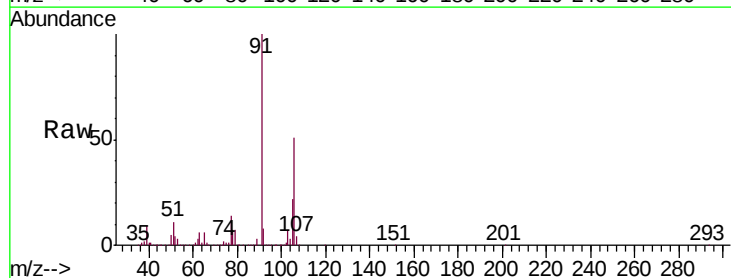
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

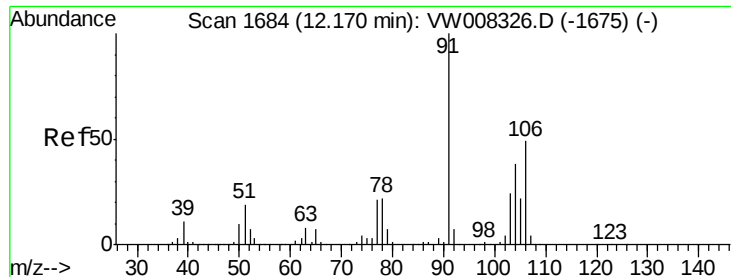
Tgt Ion: 91 Resp: 292884
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 108.965 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion: 106 Resp: 230004
Ion Ratio Lower Upper
106 100
91 199.3 158.4 237.6

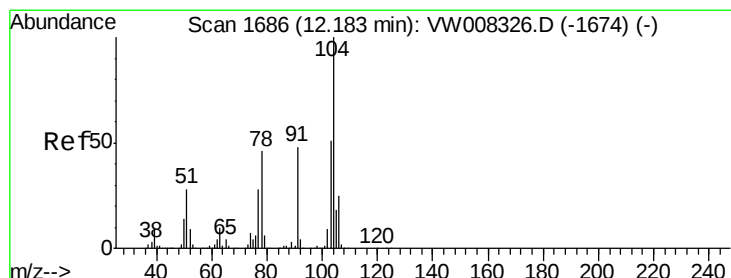
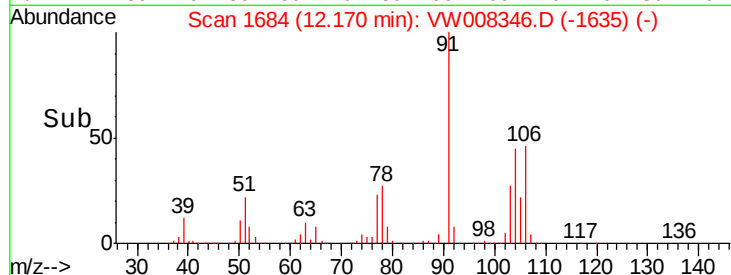
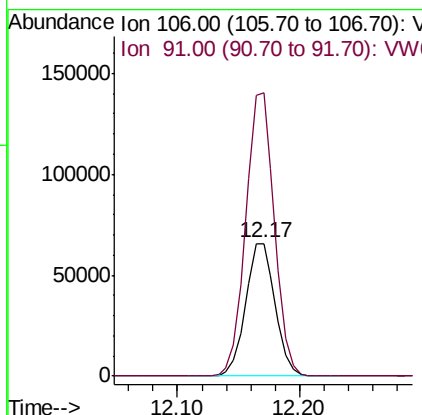
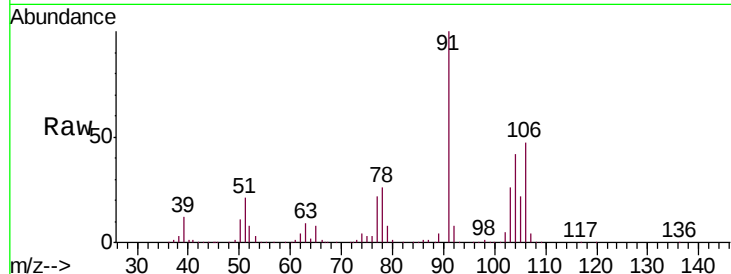




#69
o-Xylene
Concen: 55.701 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

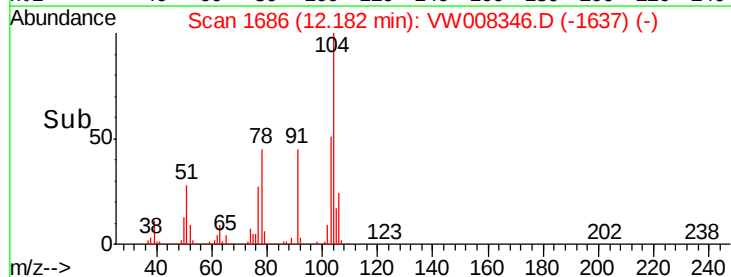
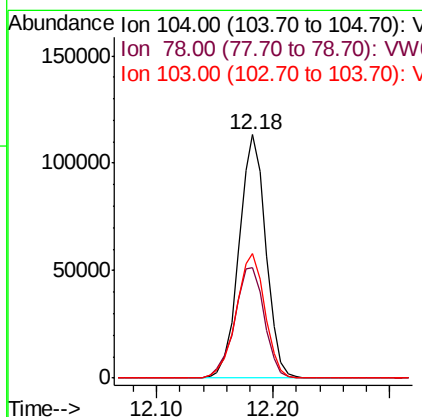
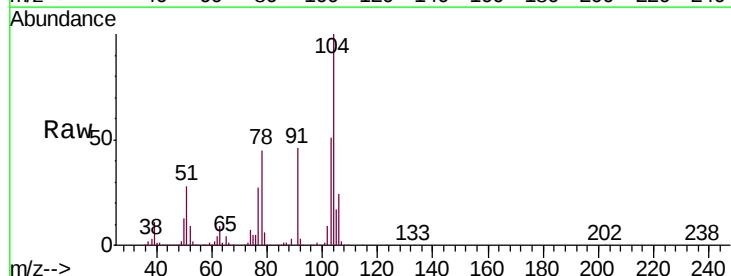
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

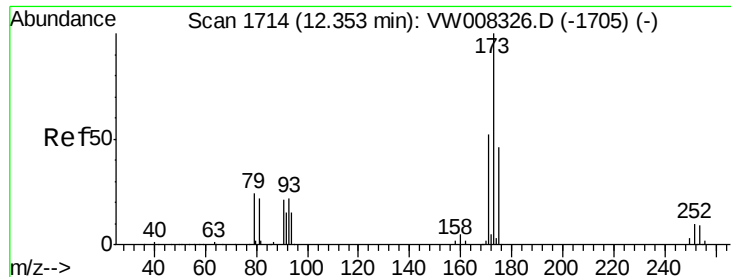
Tgt Ion:106 Resp: 109845
Ion Ratio Lower Upper
106 100
91 208.0 104.1 312.3



#70
Styrene
Concen: 57.255 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion:104 Resp: 181361
Ion Ratio Lower Upper
104 100
78 50.6 39.8 59.6
103 55.1 44.0 66.0





#71

Bromoform

Concen: 55.787 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

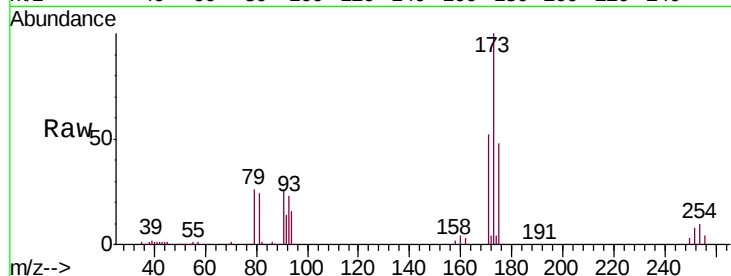
Tgt Ion:173 Resp: 29957

Ion Ratio Lower Upper

173 100

175 47.7 23.6 70.8

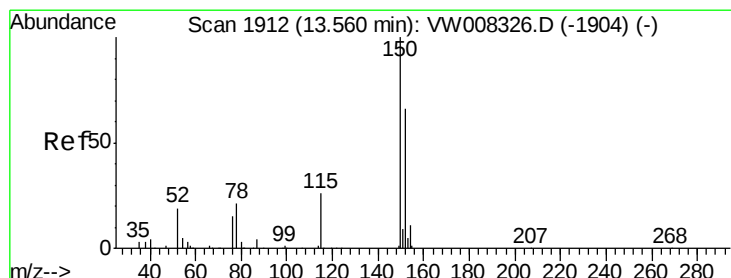
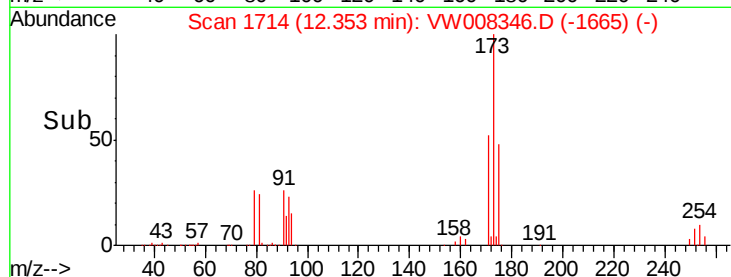
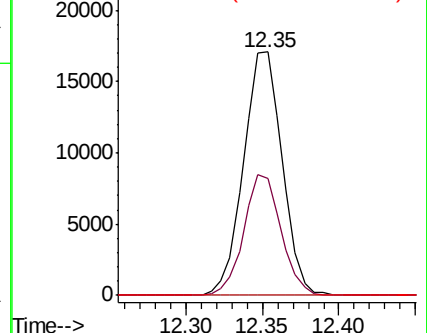
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

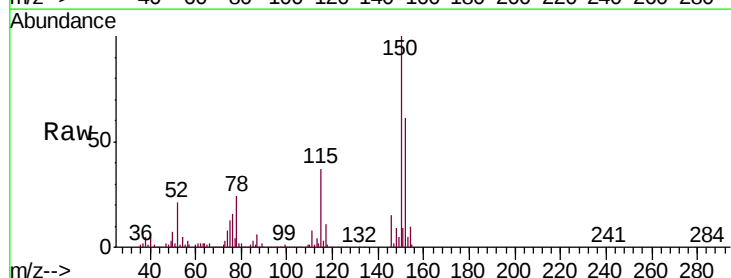
Tgt Ion:152 Resp: 73729

Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.4

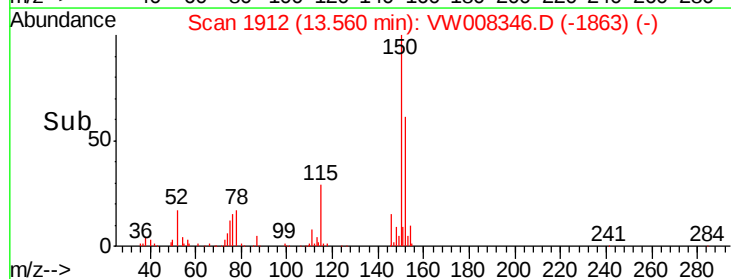
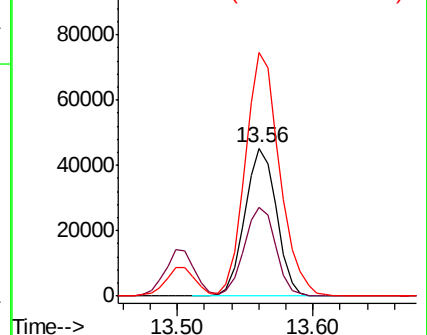
150 177.7 0.0 351.4

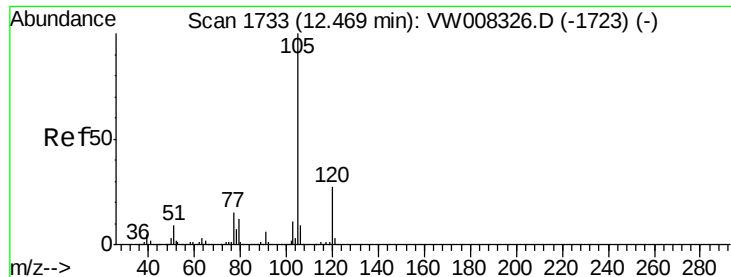


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.538 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

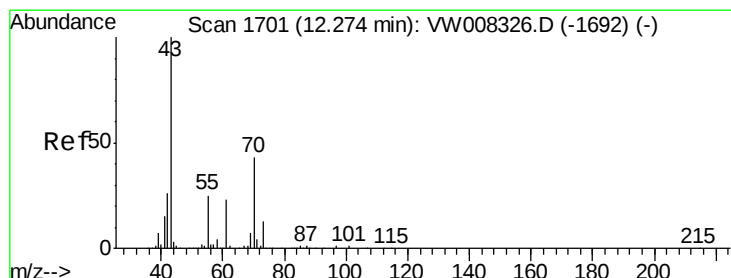
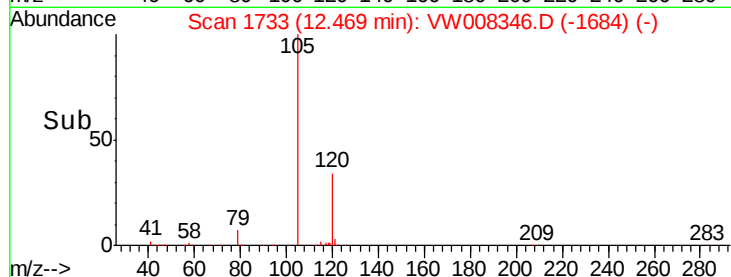
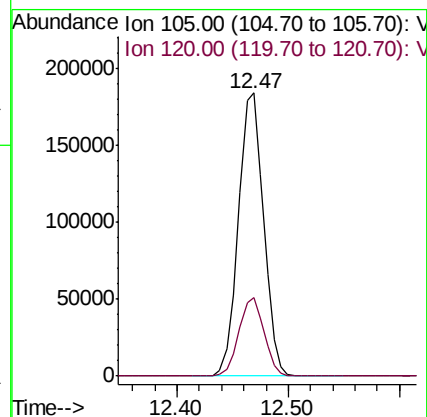
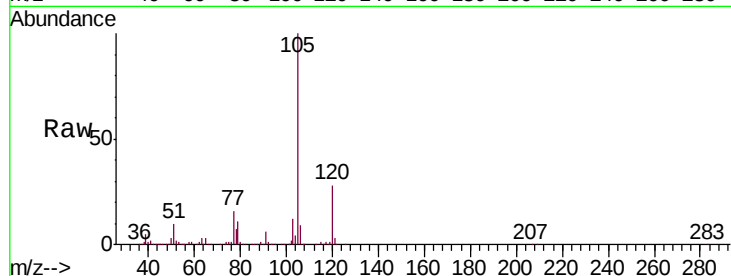
VSTDCCC050EC

Tgt Ion: 105 Resp: 287612

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.8



#74

N-ethyl acetate

Concen: 59.563 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Tgt Ion: 43 Resp: 68572

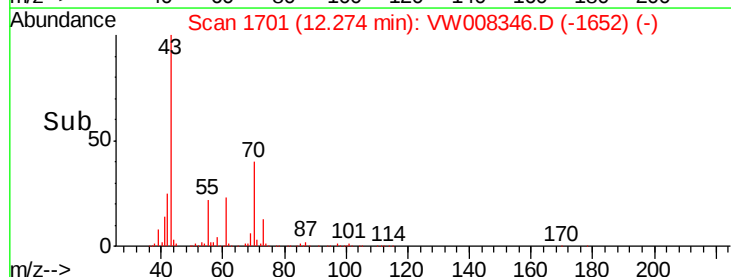
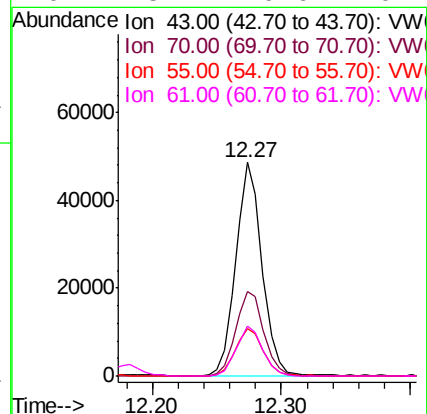
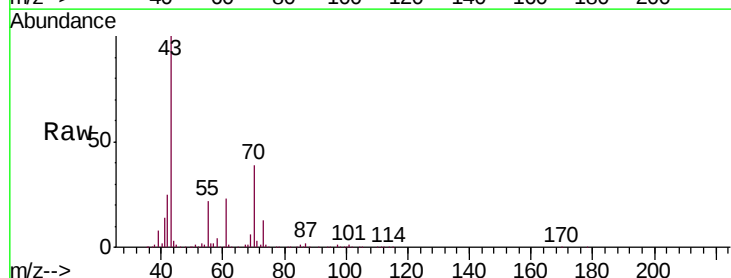
Ion Ratio Lower Upper

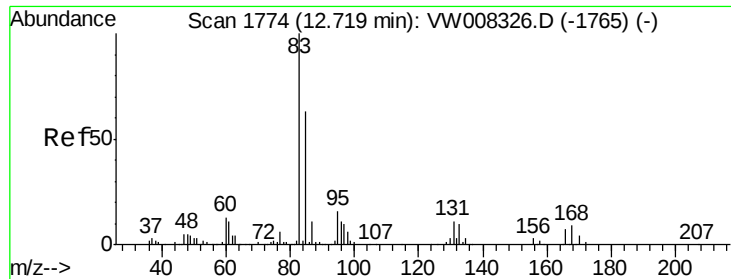
43 100

70 42.4 34.6 52.0

55 24.1 20.0 30.0

61 23.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 56.788 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

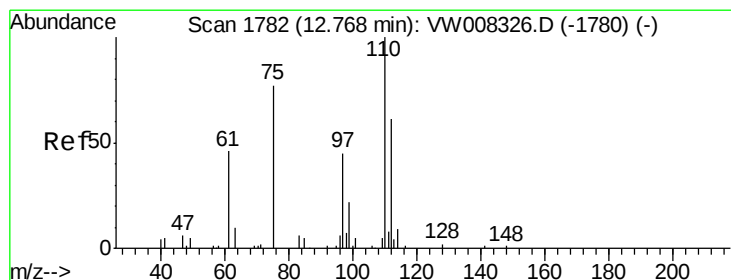
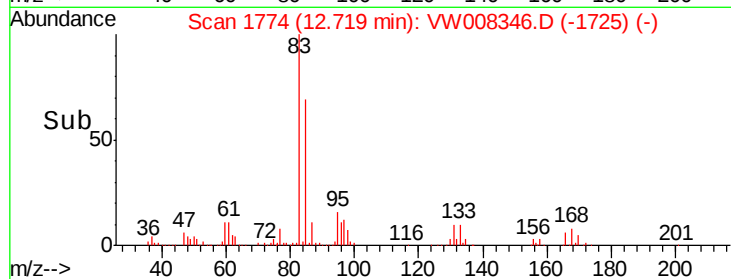
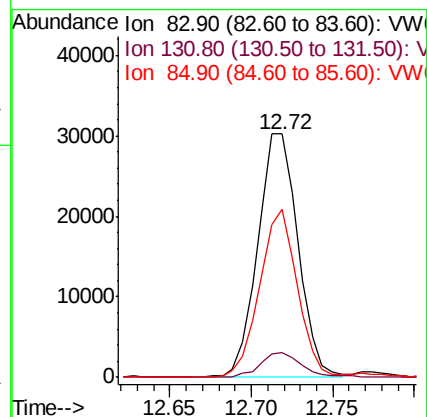
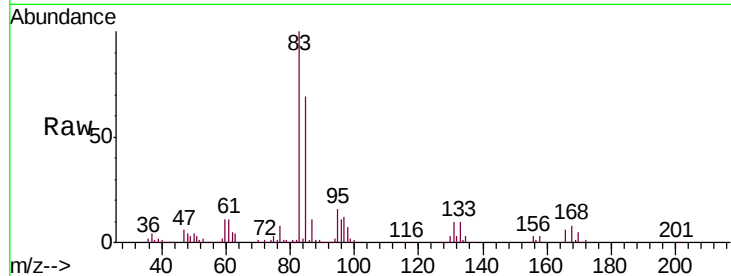
Tgt Ion: 83 Resp: 51890

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.5

85 64.7 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 100.127 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008346.D

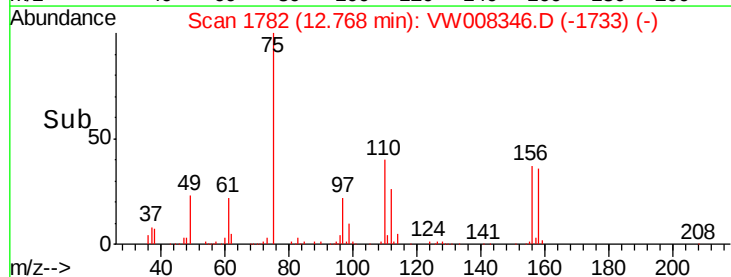
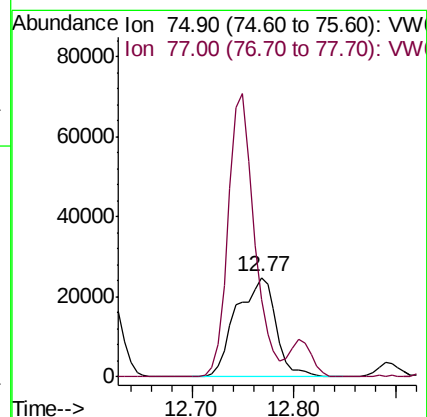
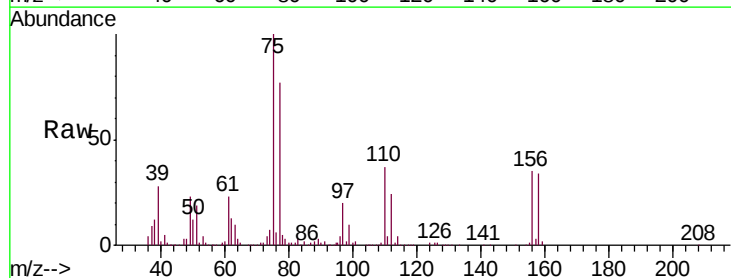
Acq: 17 Jan 2019 23:19

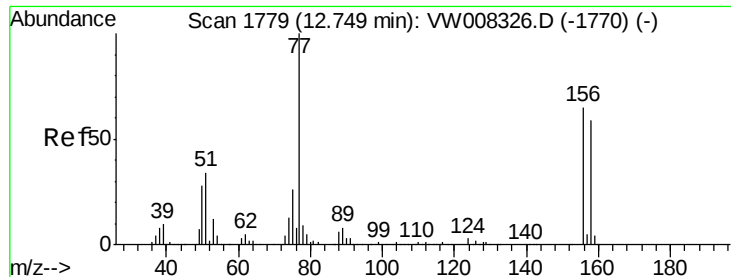
Tgt Ion: 75 Resp: 67227

Ion Ratio Lower Upper

75 100

77 188.6 175.3 526.1





#77

Bromobenzene

Concen: 53.194 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

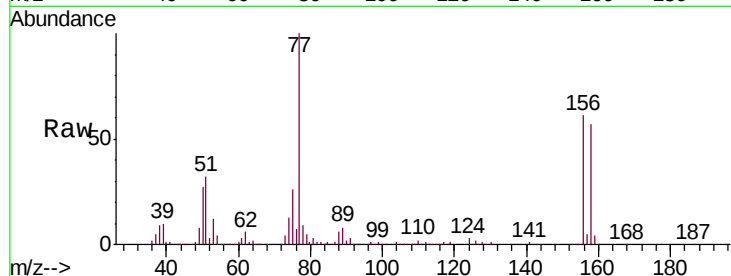
Tgt Ion:156 Resp: 68640

Ion Ratio Lower Upper

156 100

77 184.7 88.3 264.9

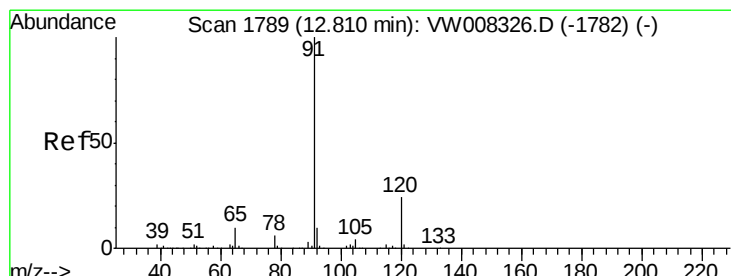
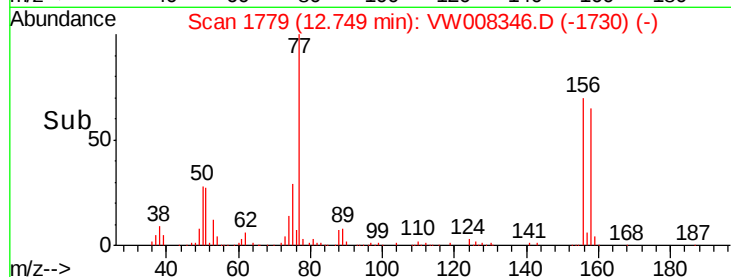
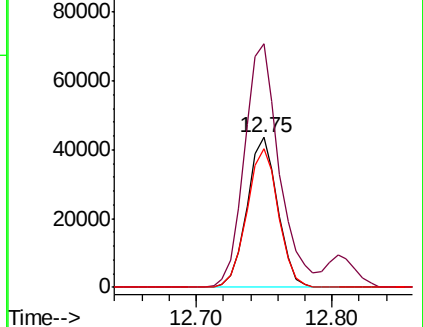
158 95.2 47.6 142.8



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: 53.387 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008346.D

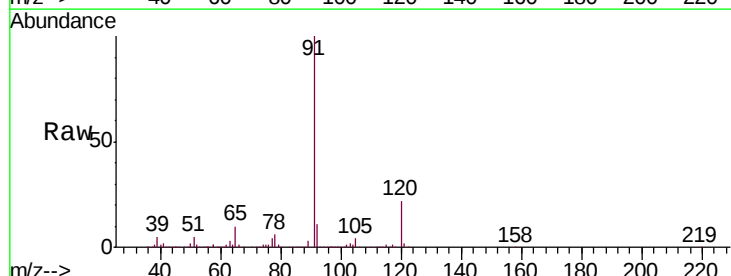
Acq: 17 Jan 2019 23:19

Tgt Ion: 91 Resp: 347139

Ion Ratio Lower Upper

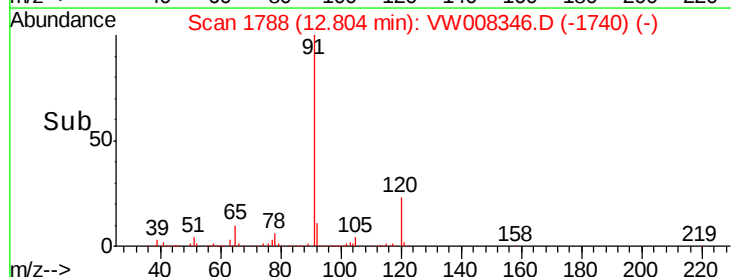
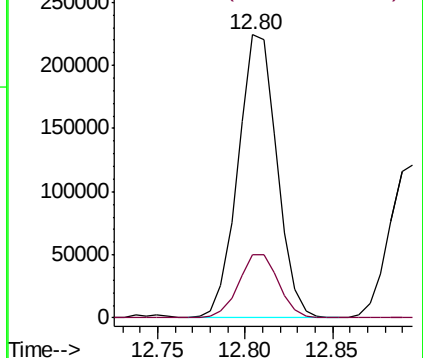
91 100

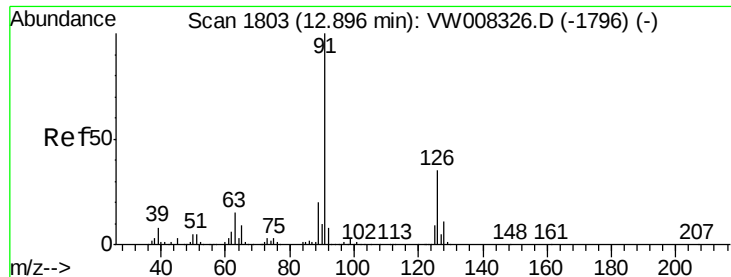
120 23.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.750 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

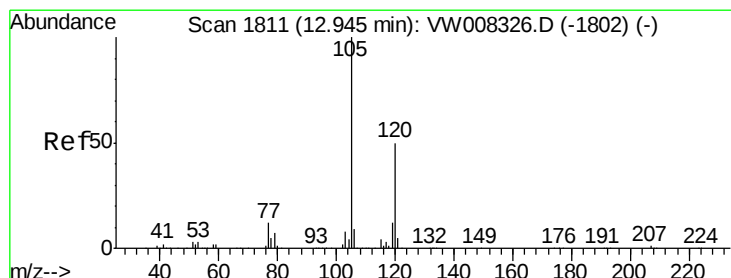
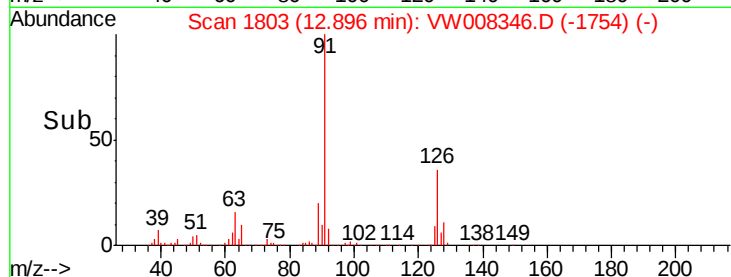
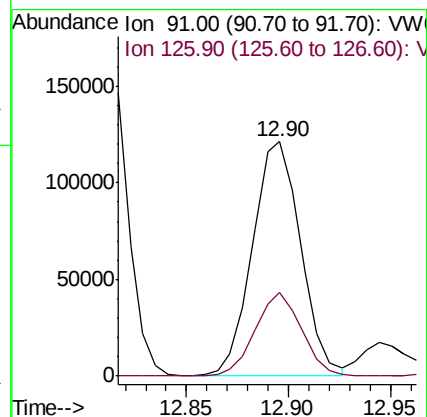
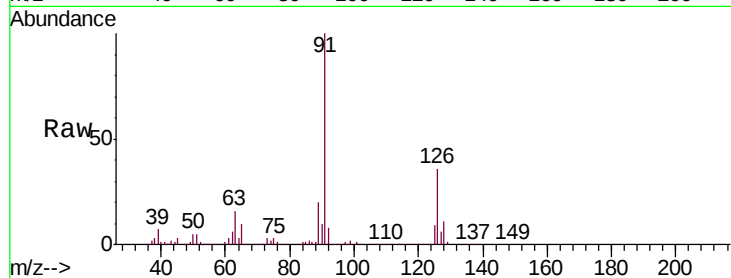
VSTDCCC050EC

Tgt Ion: 91 Resp: 199689

Ion Ratio Lower Upper

91 100

126 34.4 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 54.907 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008346.D

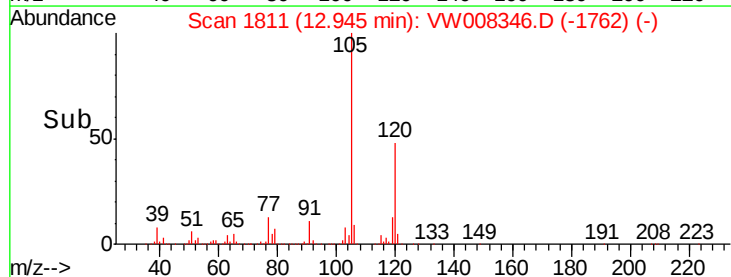
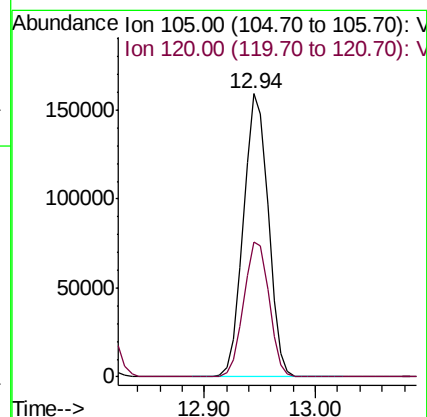
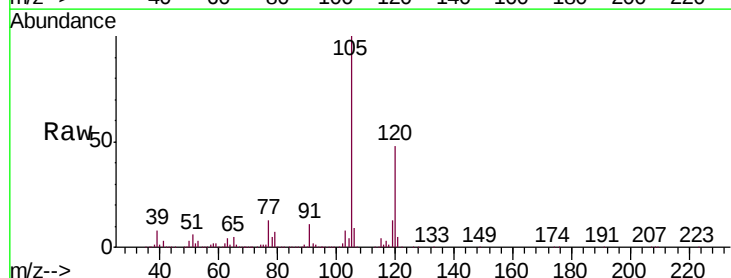
Acq: 17 Jan 2019 23:19

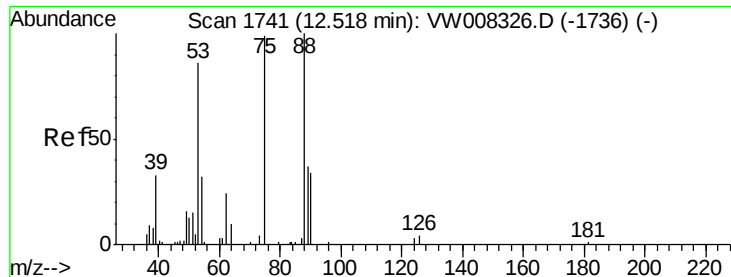
Tgt Ion: 105 Resp: 246143

Ion Ratio Lower Upper

105 100

120 48.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.485 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

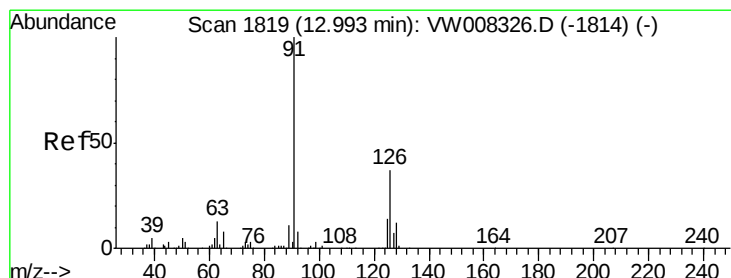
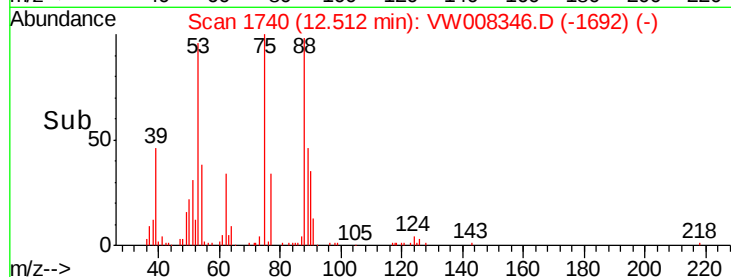
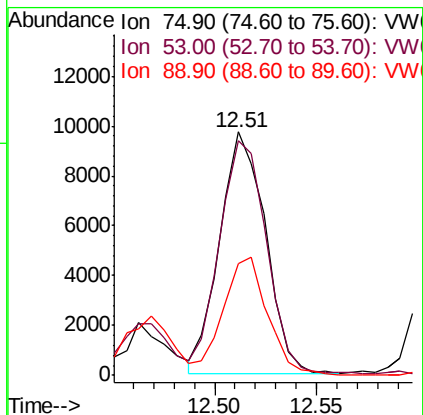
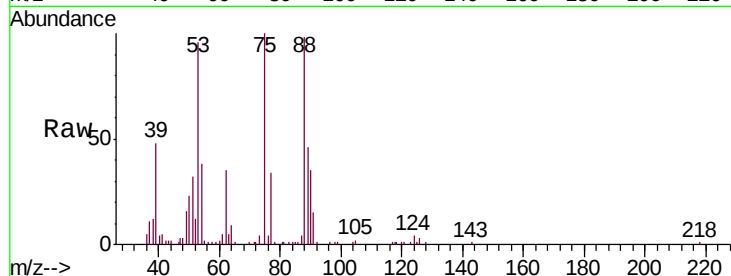
Tgt Ion: 75 Resp: 15048

Ion Ratio Lower Upper

75 100

53 100.5 76.2 114.4

89 48.1 36.7 55.1



#82

4-Chlorotoluene

Concen: 53.691 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008346.D

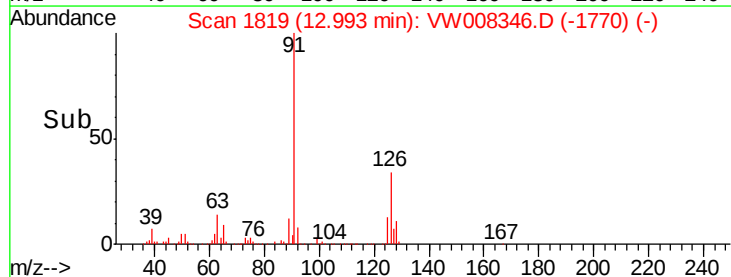
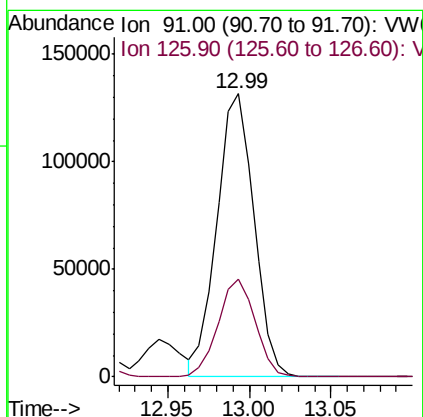
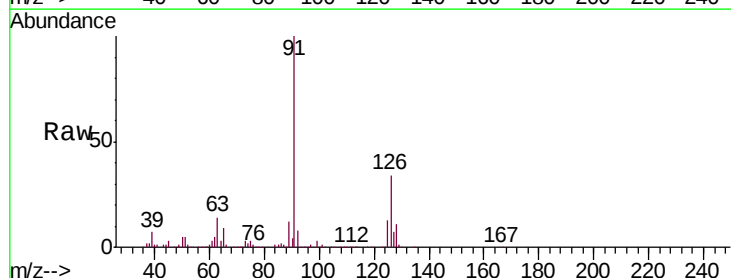
Acq: 17 Jan 2019 23:19

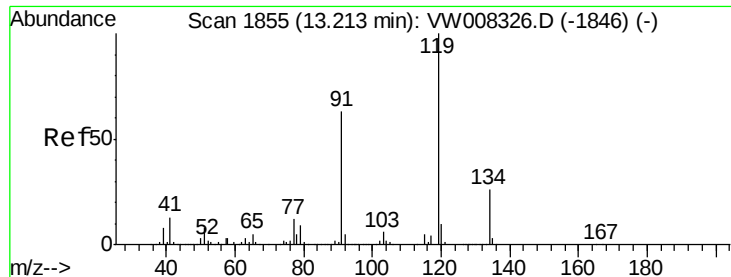
Tgt Ion: 91 Resp: 208441

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.3

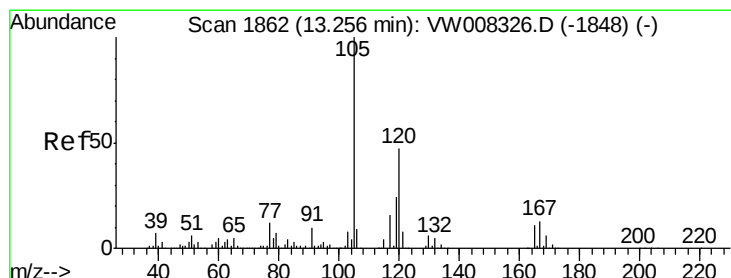
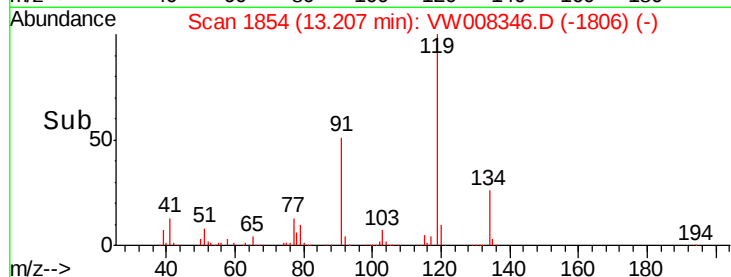
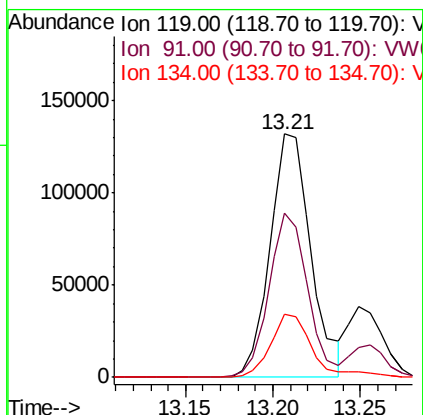
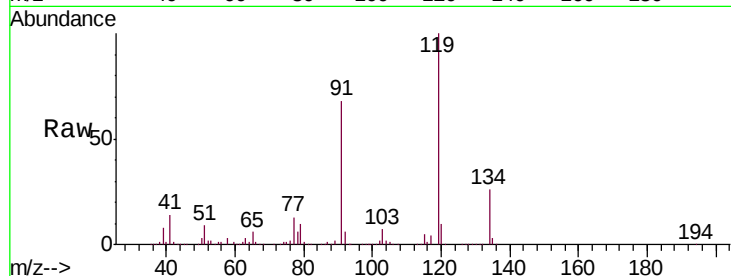




#83
tert-Butylbenzene
Concen: 54.662 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

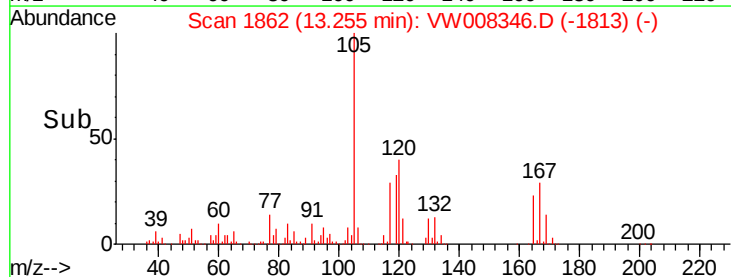
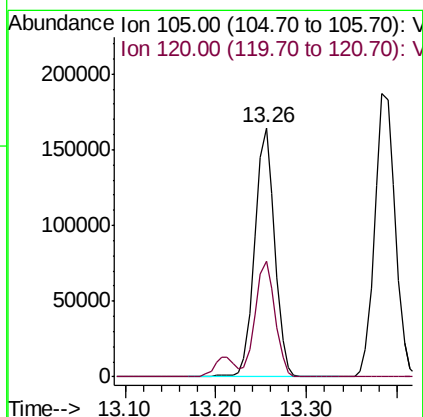
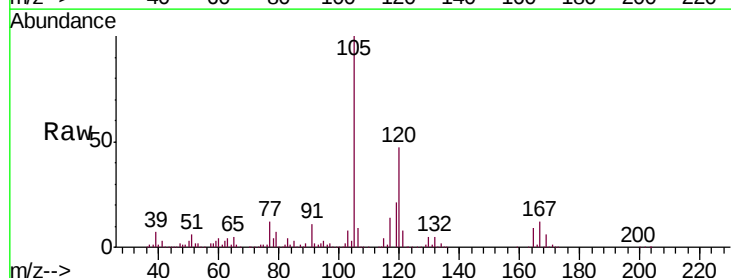
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

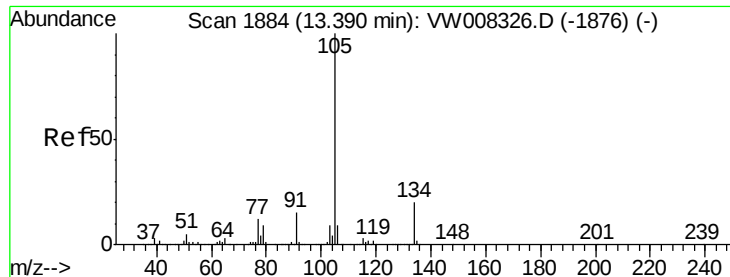
Tgt Ion:119 Resp: 215675
Ion Ratio Lower Upper
119 100
91 63.6 32.4 97.0
134 26.5 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 54.777 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion:105 Resp: 250148
Ion Ratio Lower Upper
105 100
120 46.5 23.5 70.6





#85

sec-Butylbenzene

Concen: 51.597 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

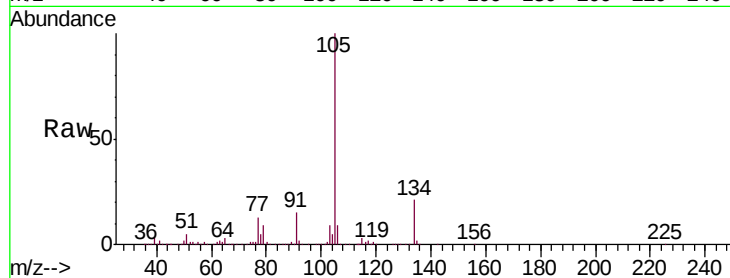
VSTDCCC050EC

Tgt Ion:105 Resp: 292298

Ion Ratio Lower Upper

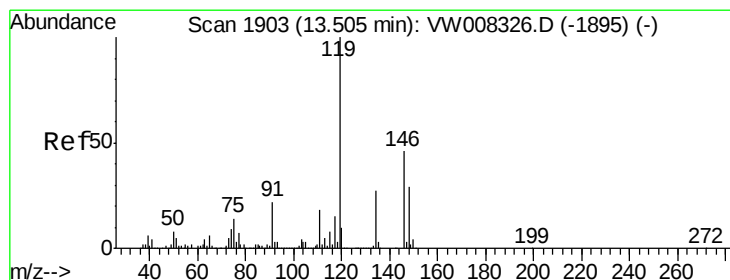
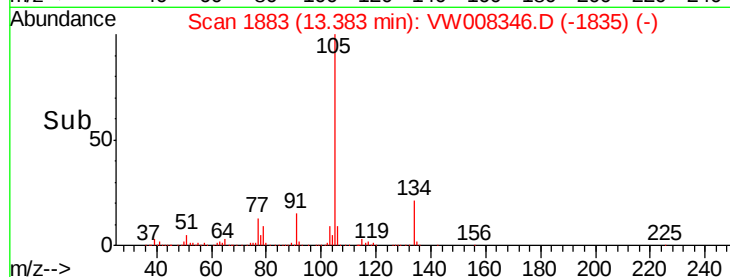
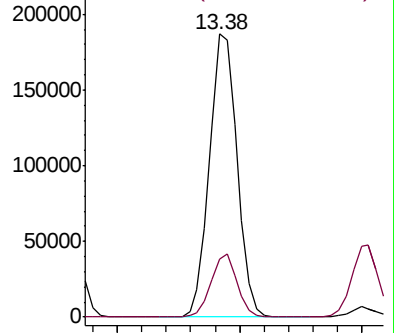
105 100

134 21.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.035 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

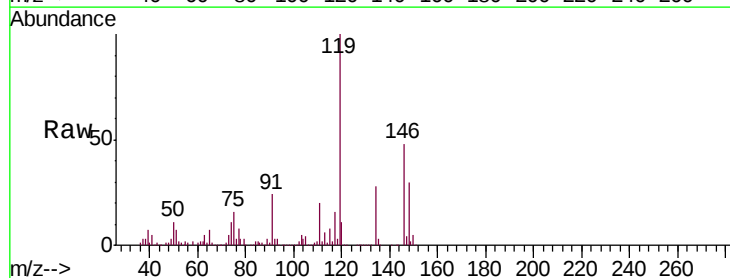
Tgt Ion:119 Resp: 262407

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

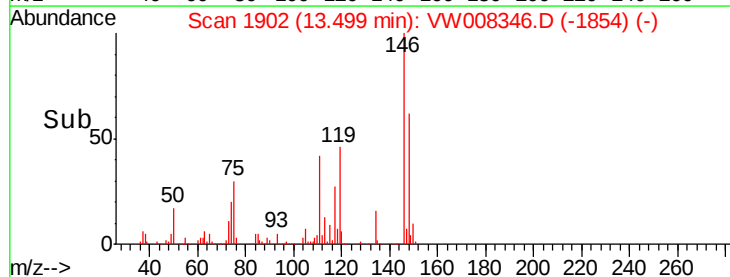
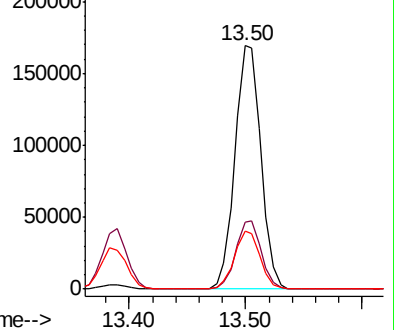
91 23.6 11.4 34.2

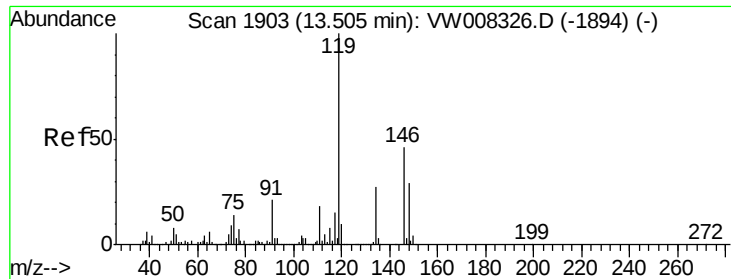


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

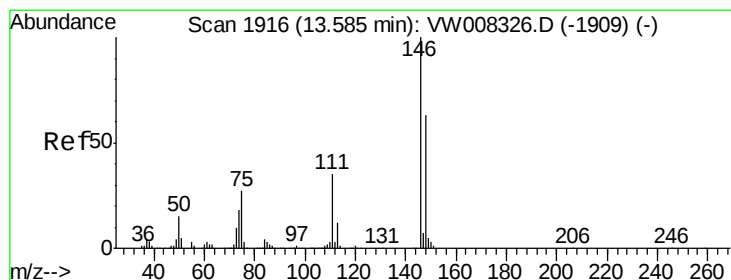
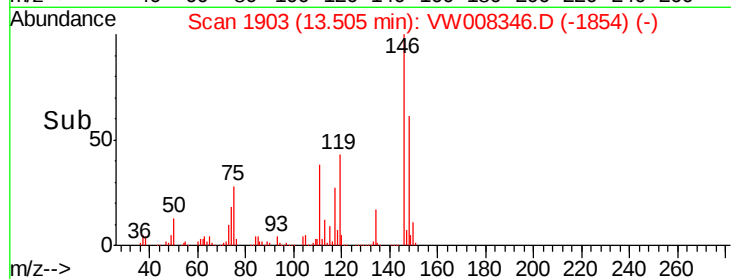
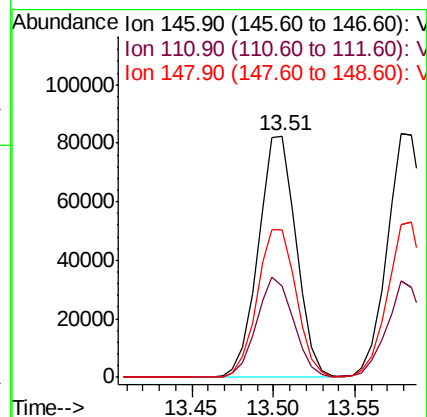
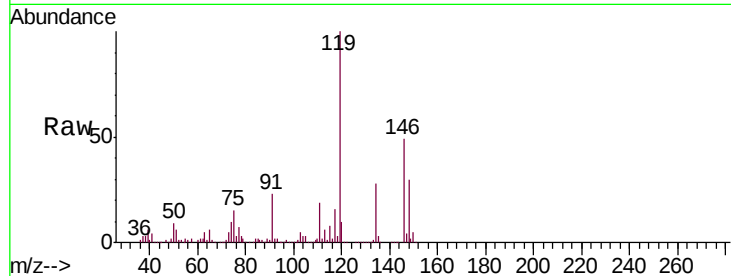




#87
 1,3-Dichlorobenzene
 Concen: 51.918 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

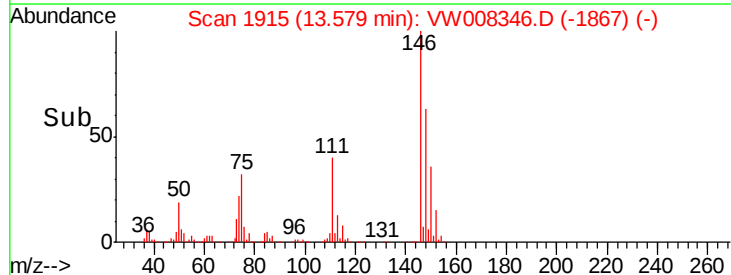
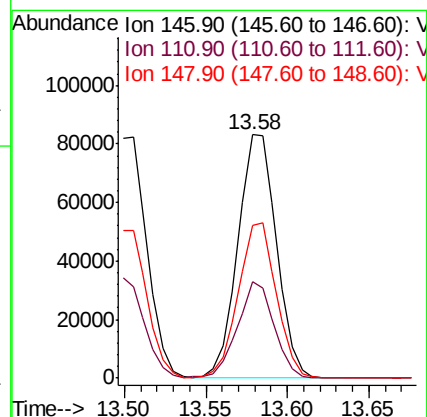
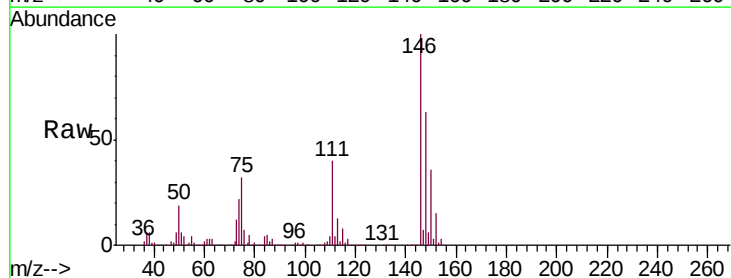
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

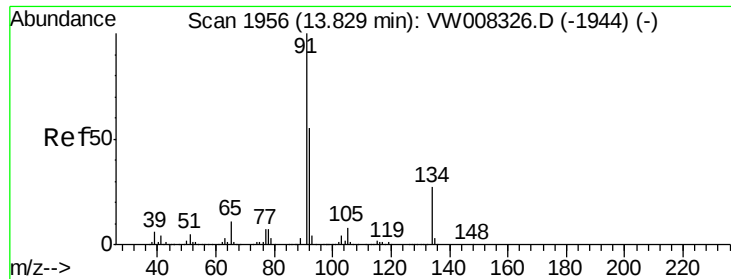
Tgt Ion:146 Resp: 133108
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.9 59.7
 148 63.2 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 53.433 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

Tgt Ion:146 Resp: 137248
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 53.705 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

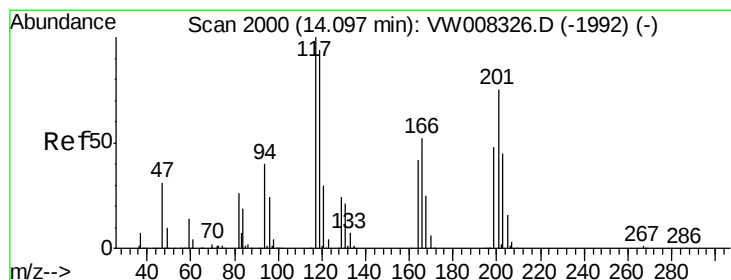
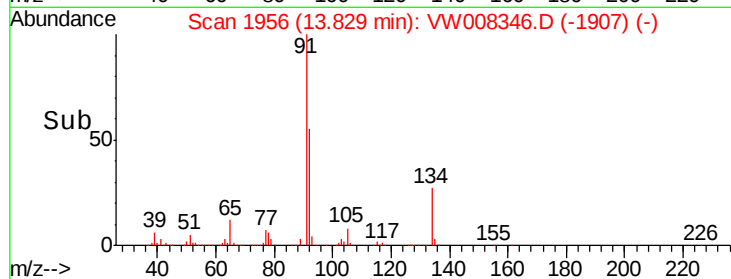
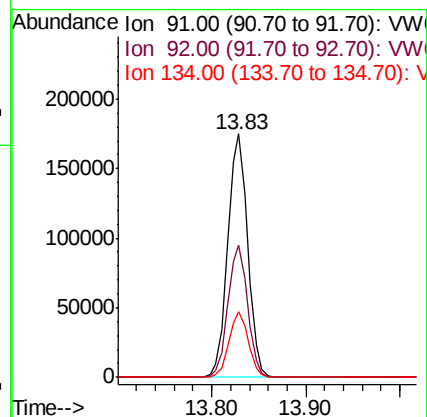
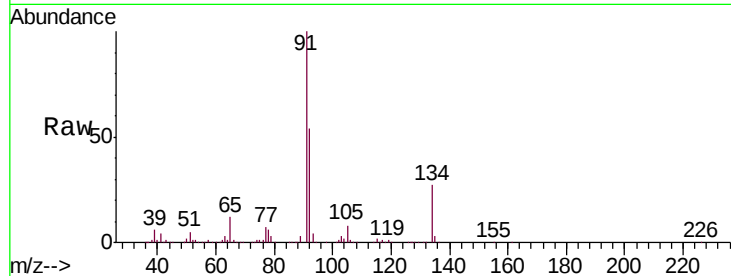
Tgt Ion: 91 Resp: 254888

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.6

134 26.5 13.4 40.1



#90

Hexachloroethane

Concen: 52.858 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008346.D

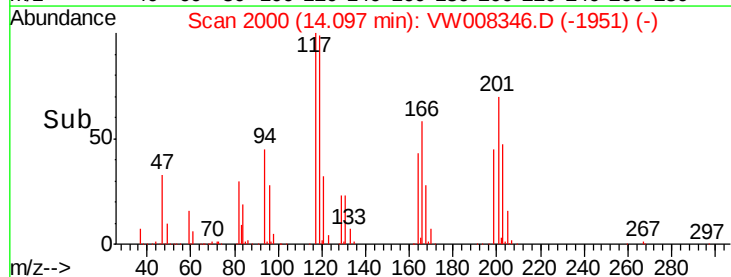
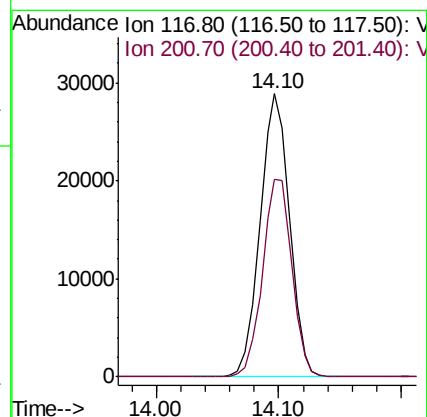
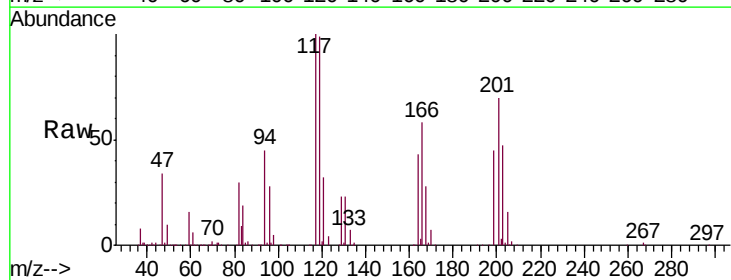
Acq: 17 Jan 2019 23:19

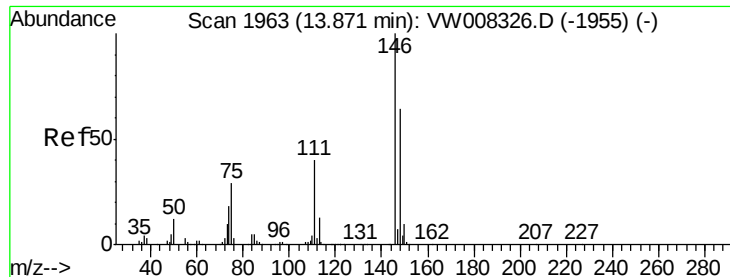
Tgt Ion: 117 Resp: 48400

Ion Ratio Lower Upper

117 100

201 69.8 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 53.713 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

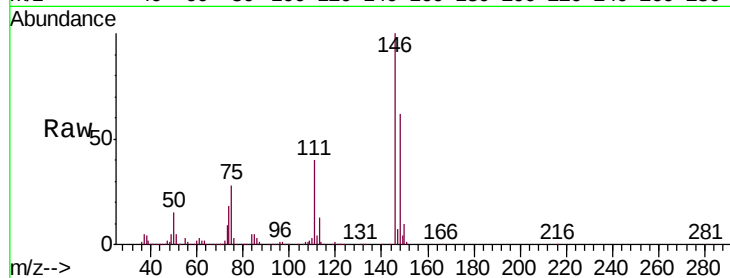
Tgt Ion:146 Resp: 121585

Ion Ratio Lower Upper

146 100

111 42.1 19.6 58.8

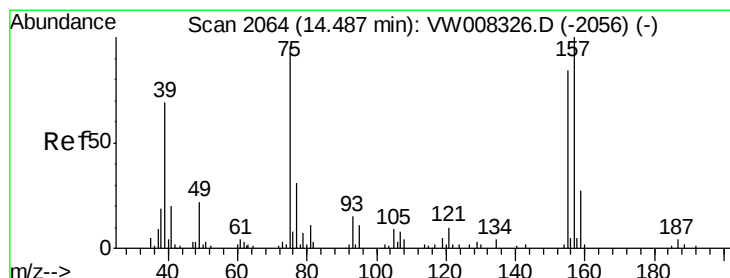
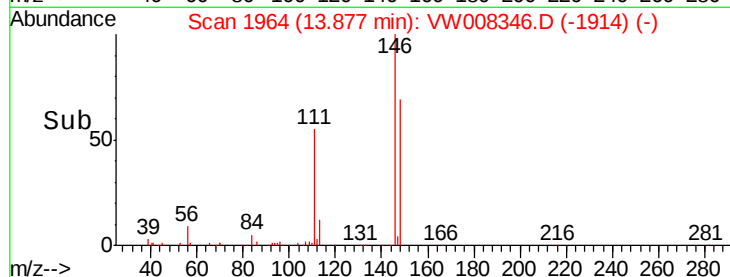
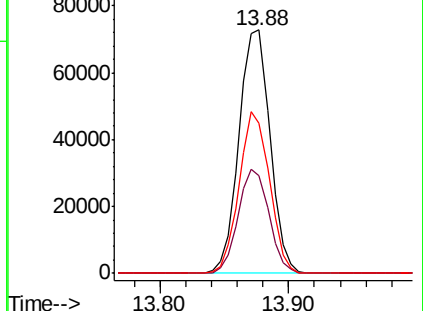
148 64.9 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.585 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW008346.D

Acq: 17 Jan 2019 23:19

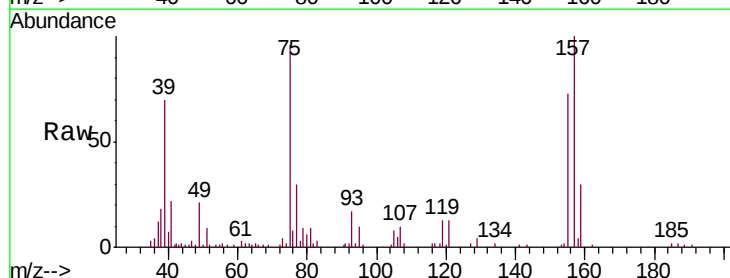
Tgt Ion: 75 Resp: 8604

Ion Ratio Lower Upper

75 100

155 82.6 44.7 134.1

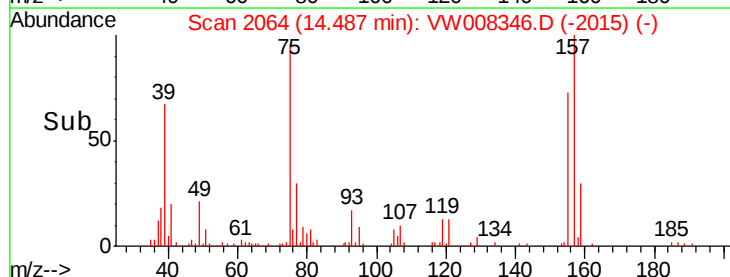
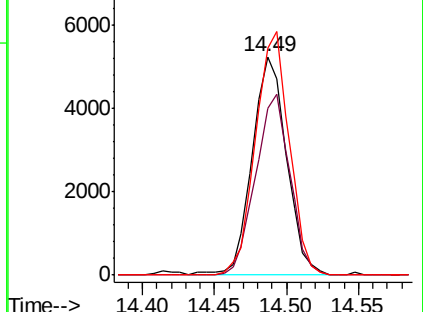
157 109.3 53.9 161.8

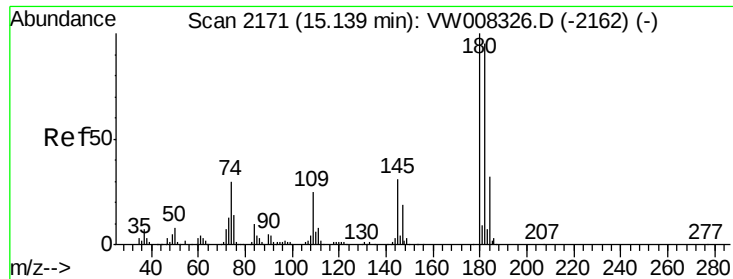


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

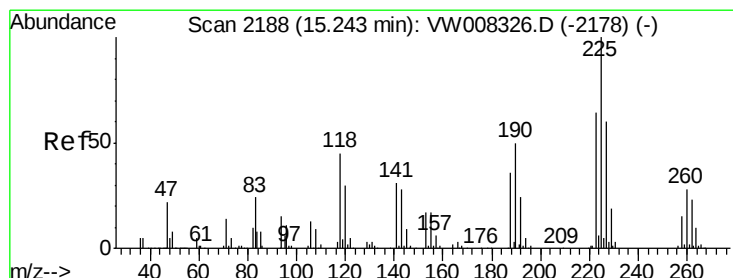
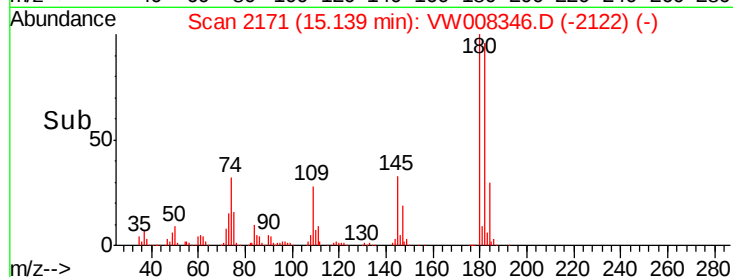
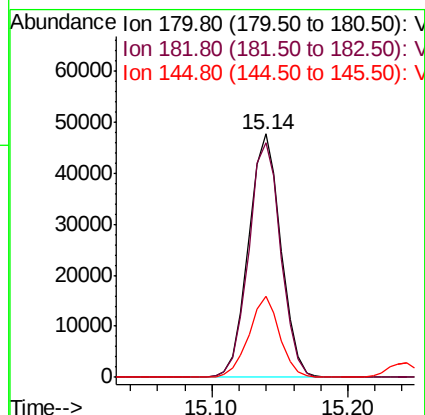
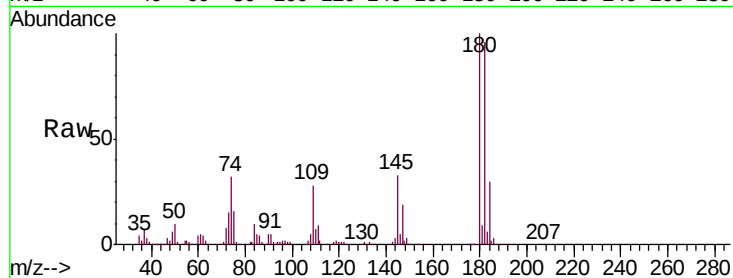




#93
 1,2,4-Trichlorobenzene
 Concen: 51.886 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

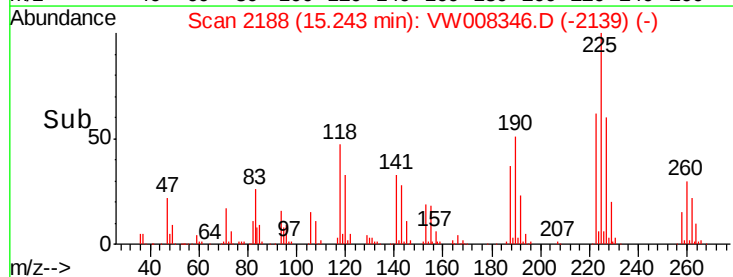
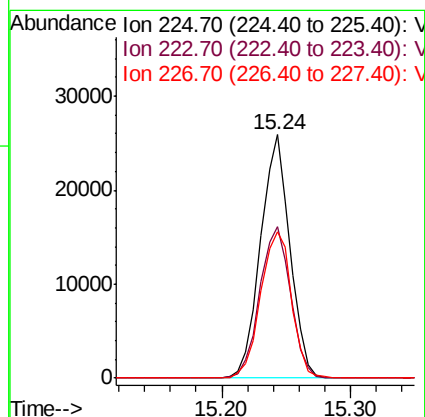
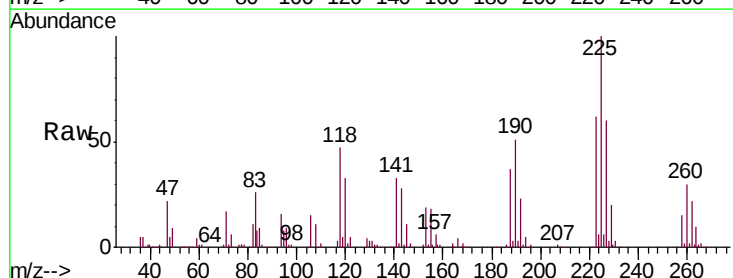
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

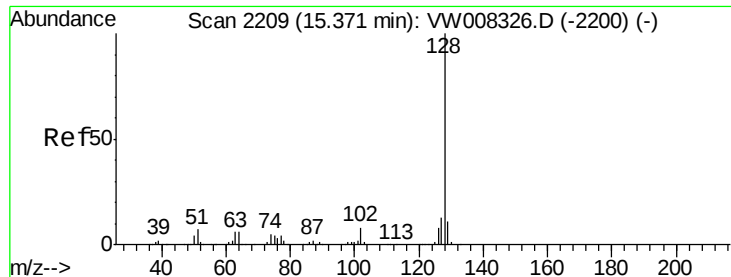
Tgt Ion:180 Resp: 79506
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.6 142.8
 145 31.6 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 47.165 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008346.D
 Acq: 17 Jan 2019 23:19

Tgt Ion:225 Resp: 40731
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.1 93.3
 227 63.0 30.3 90.8

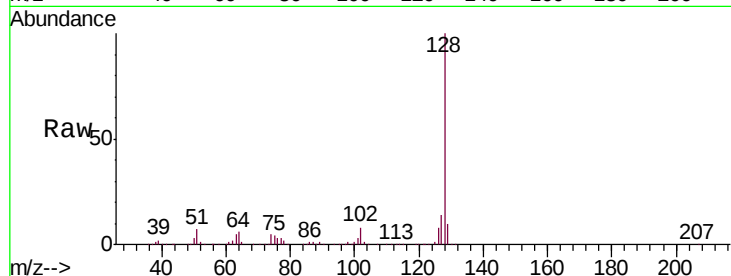




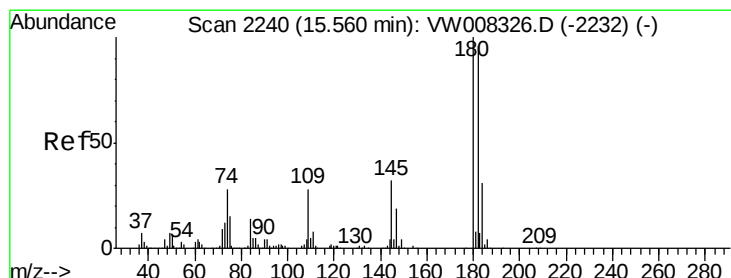
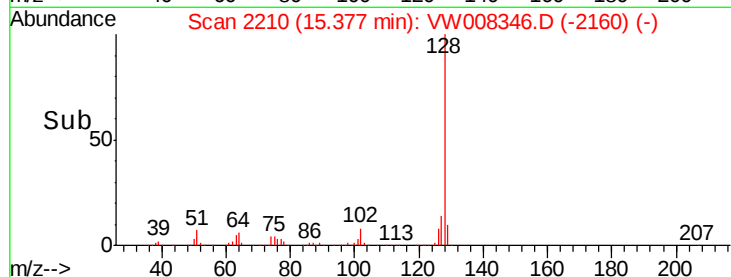
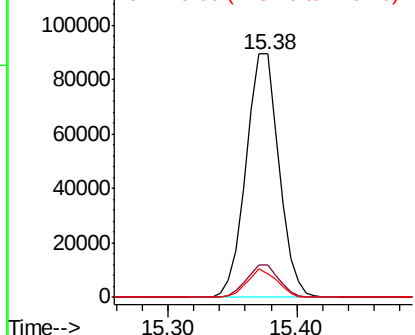
#95
Naphthalene
Concen: 55.360 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 157412
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.8 8.8 13.2

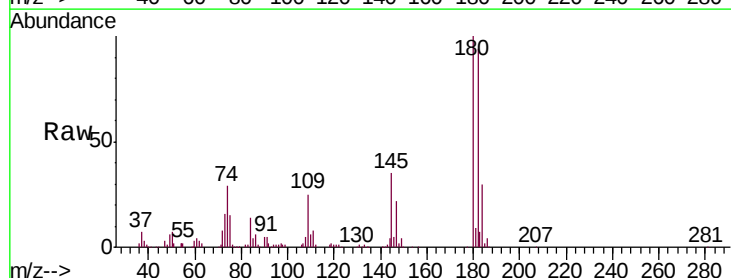


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.092 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW008346.D
Acq: 17 Jan 2019 23:19

Tgt Ion:180 Resp: 69527
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 34.4 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

