

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014517.D
 Acq On : 06 Jan 2020 10:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 07 02:39:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	880525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1305228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1110640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	524593	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	379502	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.88	113	381137	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.32	98	1622512	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	523731	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	262530	52.806	ug/l	96
3) Chloromethane	2.21	50	310411	51.009	ug/l	99
4) Vinyl Chloride	2.36	62	487132	54.425	ug/l	99
5) Bromomethane	2.78	94	290570	52.552	ug/l	99
6) Chloroethane	2.92	64	278570	54.598	ug/l	100
7) Trichlorofluoromethane	3.25	101	299156	66.802	ug/l	98
8) Diethyl Ether	3.68	74	212799	47.758	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	444440	53.115	ug/l	99
10) Methyl Iodide	4.27	142	648374	51.356	ug/l	97
11) Tert butyl alcohol	5.15	59	132204	219.966	ug/l	100
12) 1,1-Dichloroethene	4.04	96	467305	53.330	ug/l	98
13) Acrolein	3.89	56	164139	244.278	ug/l	98
14) Allyl chloride	4.66	41	746964	55.783	ug/l	100
15) Acrylonitrile	5.36	53	465223	228.419	ug/l	99
16) Acetone	4.11	43	629477	289.572	ug/l	99
17) Carbon Disulfide	4.38	76	1426571	54.016	ug/l	99
18) Methyl Acetate	4.66	43	231516	44.098	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	534039	49.097	ug/l	98
20) Methylene Chloride	4.91	84	461156	52.692	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	489520	52.612	ug/l	94
22) Diisopropyl ether	6.31	45	1310600	52.291	ug/l	99
23) Vinyl Acetate	6.25	43	3787920	250.278	ug/l	99
24) 1,1-Dichloroethane	6.21	63	832735	52.672	ug/l	99
25) 2-Butanone	7.16	43	688878	246.935	ug/l	97
26) 2,2-Dichloropropane	7.16	77	472131	53.939	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	501556	51.302	ug/l	96
28) Bromochloromethane	7.51	49	312566	50.428	ug/l	98
29) Tetrahydrofuran	7.52	42	373429	216.074	ug/l	99
30) Chloroform	7.67	83	781427	52.855	ug/l	97
31) Cyclohexane	7.95	56	853769	51.963	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	647387	54.446	ug/l	99
36) 1,1-Dichloropropene	8.08	75	687536	54.640	ug/l	99
37) Ethyl Acetate	7.24	43	262336	45.969	ug/l	97
38) Carbon Tetrachloride	8.06	117	596291	54.623	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	892119	55.247	ug/l	97
40) Benzene	8.32	78	1893373	53.182	ug/l	98
41) Methacrylonitrile	7.48	41	148082	46.550	ug/l	98
42) 1,2-Dichloroethane	8.40	62	465305	50.363	ug/l	98
43) Isopropyl Acetate	8.42	43	479098	46.232	ug/l	99
44) Trichloroethene	9.09	130	504262	52.344	ug/l	94
45) 1,2-Dichloropropane	9.37	63	455860	52.180	ug/l	98
46) Dibromomethane	9.45	93	209546	48.586	ug/l	99
47) Bromodichloromethane	9.64	83	559618	52.557	ug/l	99
48) Methyl methacrylate	9.43	41	237337	46.908	ug/l	99
49) 1,4-Dioxane	9.44	88	77072	955.454	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1213474	225.491	ug/l	99
52) Toluene	10.38	92	1179887	52.679	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	567159	51.445	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	705480	52.358	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	303845	48.238	ug/l	99
56) Ethyl methacrylate	10.64	69	393632	48.086	ug/l	98
57) 1,3-Dichloropropane	10.93	76	546496	49.365	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	591437	237.561	ug/l	99
59) 2-Hexanone	10.96	43	911478	245.793	ug/l	99
60) Dibromochloromethane	11.13	129	356872	50.214	ug/l	100
61) 1,2-Dibromoethane	11.23	107	284347	47.557	ug/l	100
64) Tetrachloroethene	10.86	164	420262	52.267	ug/l	98
65) Chlorobenzene	11.65	112	1176133	51.690	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	402529	52.542	ug/l	99
67) Ethyl Benzene	11.73	91	2222035	54.189	ug/l	99
68) m/p-Xylenes	11.83	106	1691236	107.765	ug/l	100
69) o-Xylene	12.16	106	770270	53.135	ug/l	100
70) Styrene	12.18	104	1314094	53.593	ug/l	99
71) Bromoform	12.35	173	202801	48.531	ug/l #	99
73) Isopropylbenzene	12.46	105	2171807	56.422	ug/l	100
74) N-amyl acetate	12.27	43	421104	48.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	332674	47.883	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	432725	87.244	ug/l #	100
77) Bromobenzene	12.74	156	475206	53.154	ug/l	99
78) n-propylbenzene	12.80	91	2588157	57.181	ug/l	99
79) 2-Chlorotoluene	12.89	91	1418098	55.055	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1779269	55.053	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	113217	50.858	ug/l	98
82) 4-Chlorotoluene	12.99	91	1468487	54.874	ug/l	99
83) tert-Butylbenzene	13.21	119	1594628	56.354	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1763299	54.825	ug/l	100
85) sec-Butylbenzene	13.38	105	2208392	56.384	ug/l	100
86) p-Isopropyltoluene	13.49	119	2002508	56.091	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	932692	53.650	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	895288	52.164	ug/l	99
89) n-Butylbenzene	13.82	91	1905801	57.486	ug/l	100
90) Hexachloroethane	14.09	117	353353	56.657	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	792167	51.844	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	50947	46.306	ug/l	97

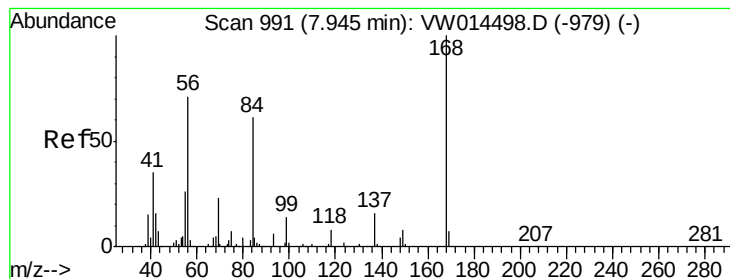
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
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QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	531308	51.491	ug/l	98
94) Hexachlorobutadiene	15.23	225	362388	52.407	ug/l	98
95) Naphthalene	15.36	128	877075	49.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	444258	49.394	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

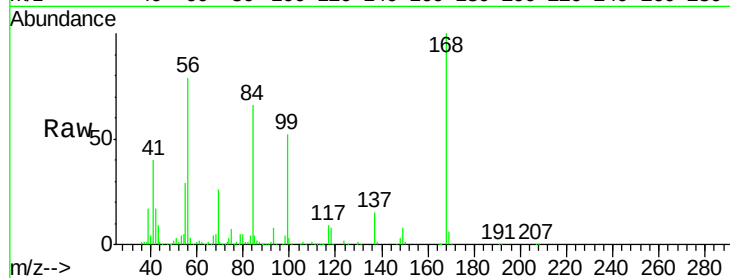
VSTDCCC050

Tgt Ion:168 Resp: 880525

Ion Ratio Lower Upper

168 100

99 51.8 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

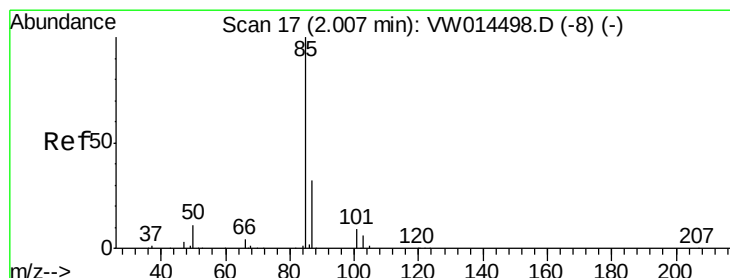
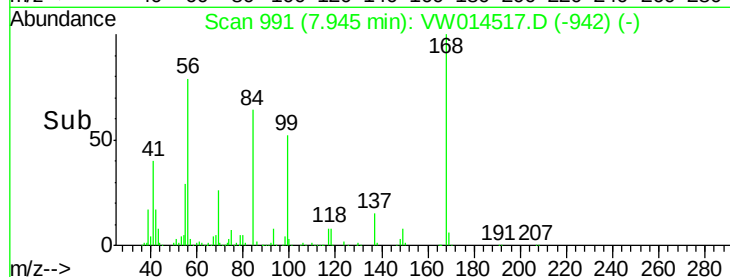
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 52.806 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014517.D

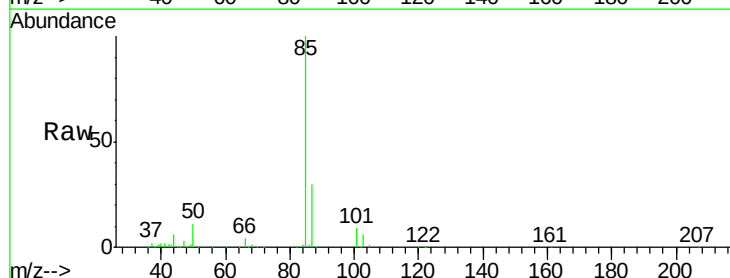
Acq: 06 Jan 2020 10:48

Tgt Ion: 85 Resp: 262530

Ion Ratio Lower Upper

85 100

87 29.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

100000

80000

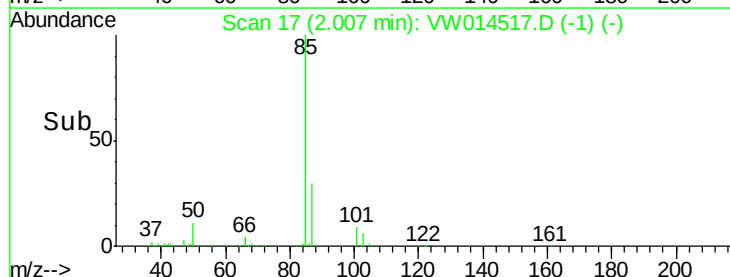
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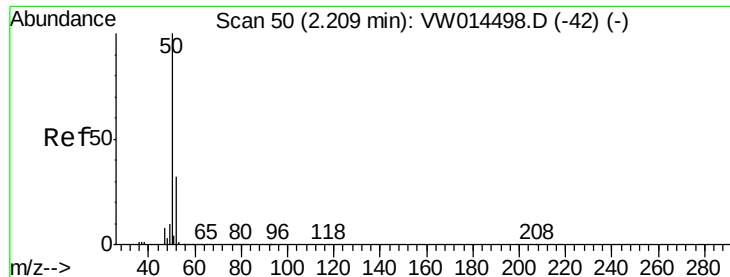
40000

20000

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Time--> 1.90 2.00 2.10 2.20 2.30

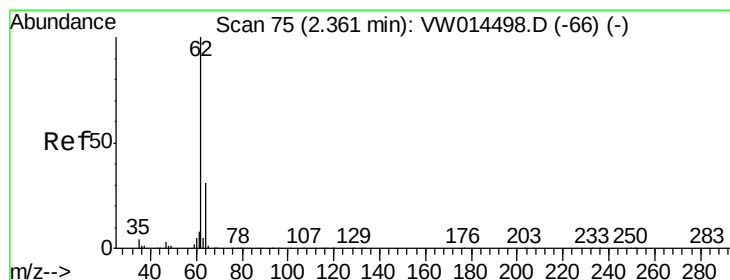
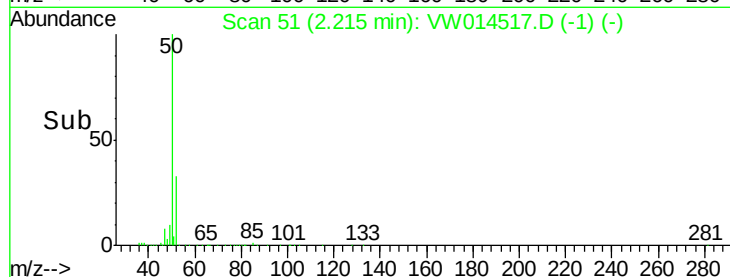
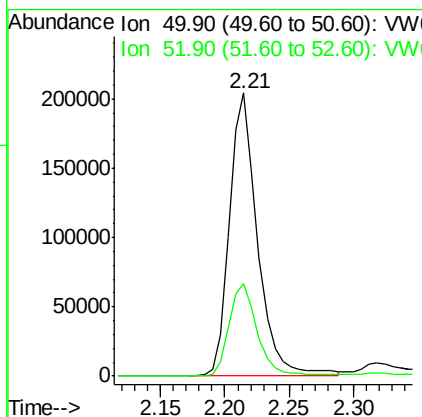
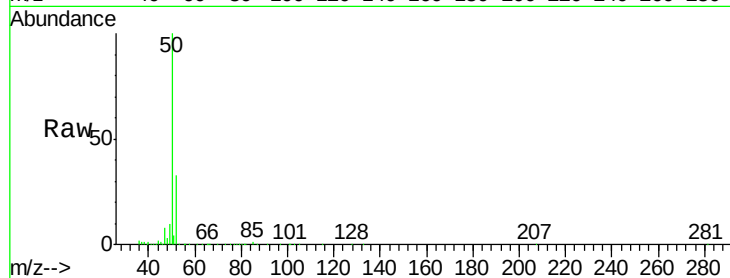




#3
Chloromethane
Concen: 51.009 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

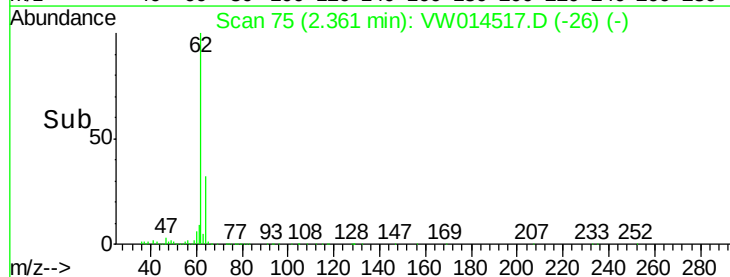
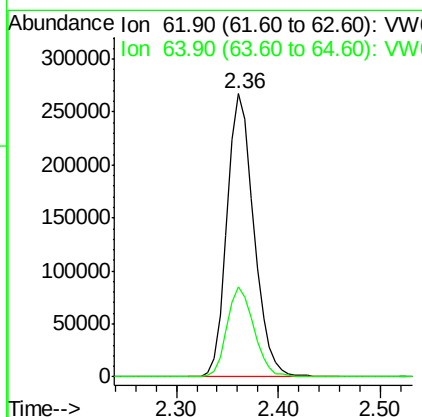
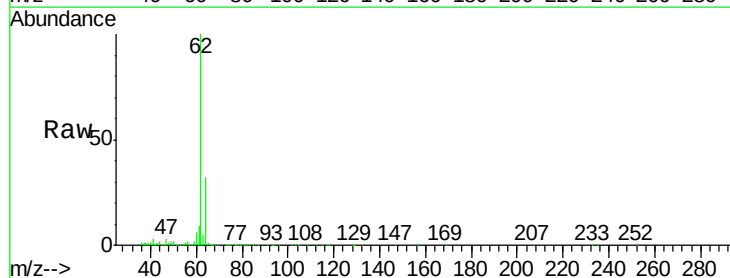
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

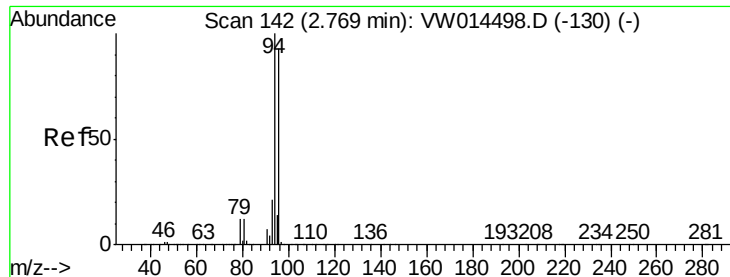
Tgt Ion: 50 Resp: 310411
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 54.425 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 62 Resp: 487132
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4





#5

Bromomethane

Concen: 52.552 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampled :

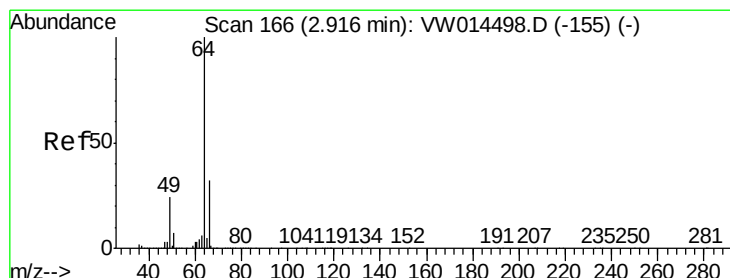
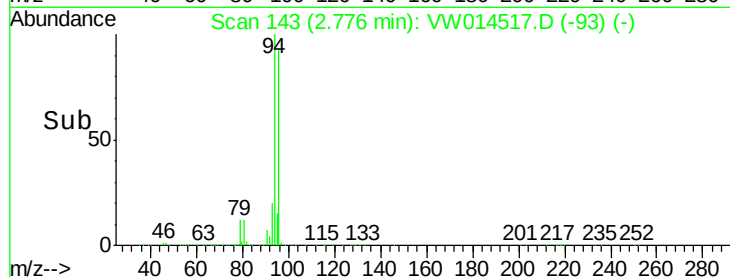
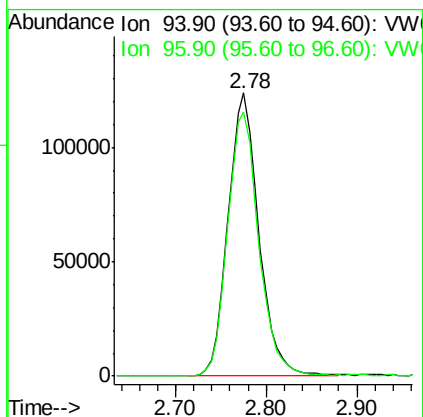
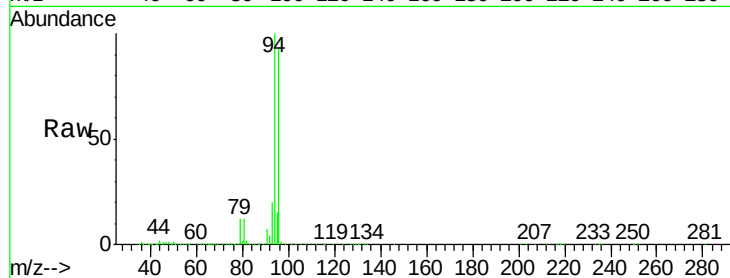
VSTDCCC050

Tgt Ion: 94 Resp: 290570

Ion Ratio Lower Upper

94 100

96 93.3 74.2 111.2



#6

Chloroethane

Concen: 54.598 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014517.D

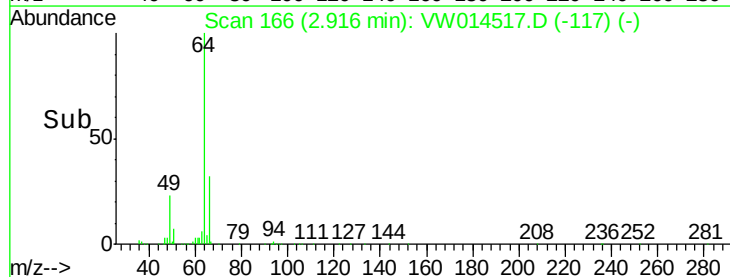
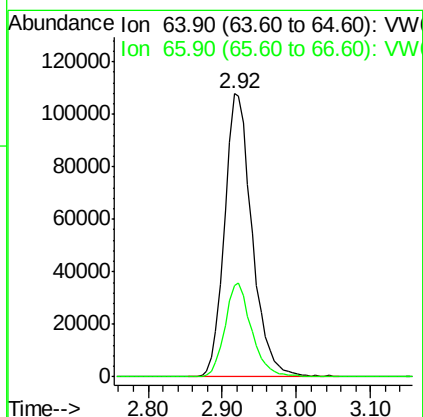
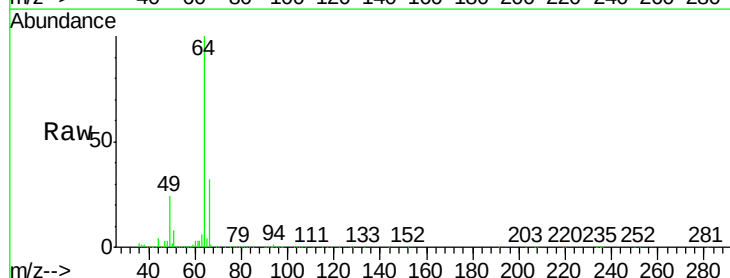
Acq: 06 Jan 2020 10:48

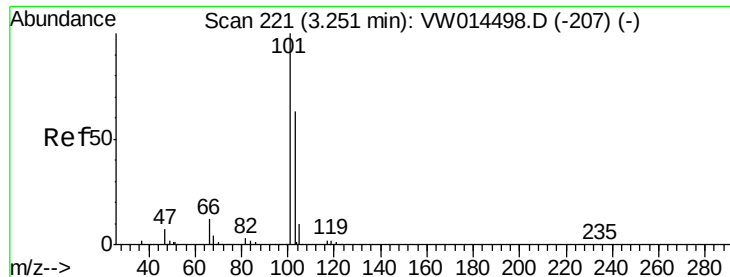
Tgt Ion: 64 Resp: 278570

Ion Ratio Lower Upper

64 100

66 32.0 25.7 38.5



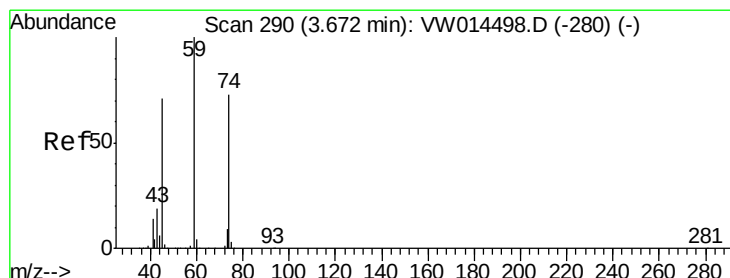
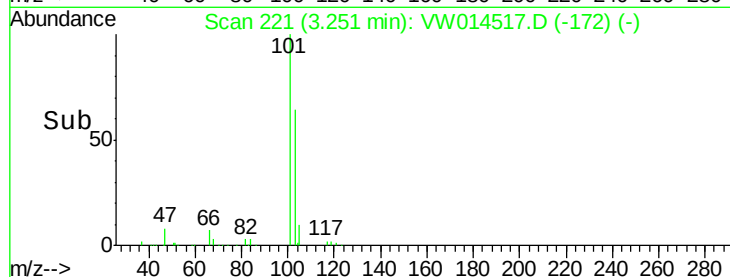
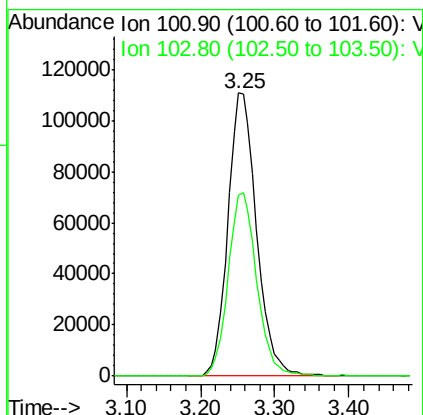
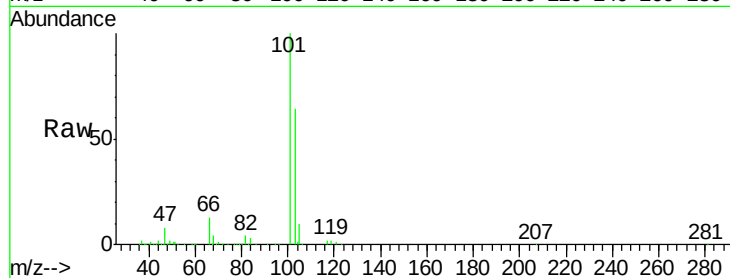


#7

Trichlorofluoromethane
 Concen: 66.802 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Instrument :
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 ClientSampleId :
 VSTDCCC050

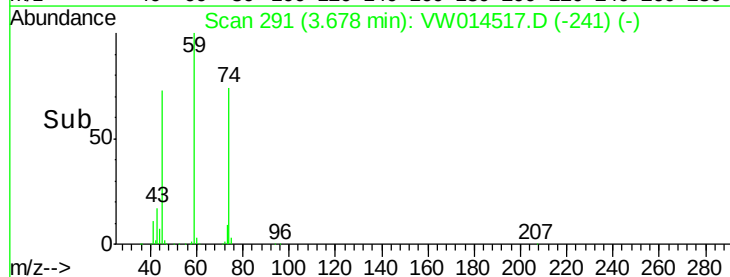
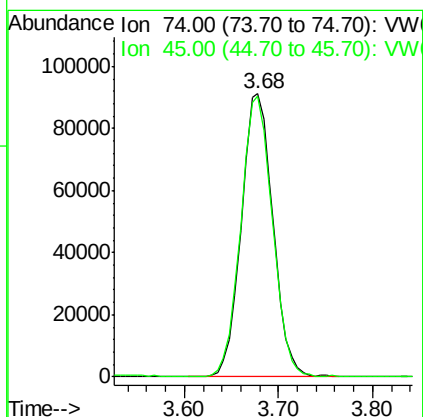
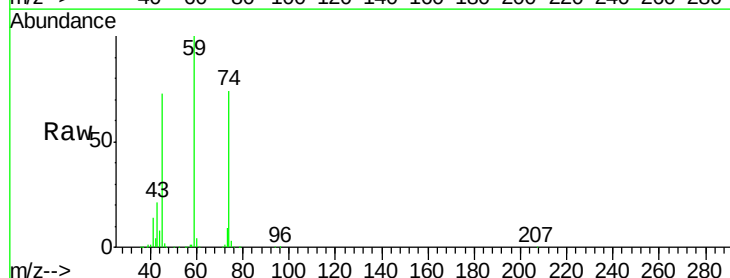
Tgt Ion: 101 Resp: 299156
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.1 75.1

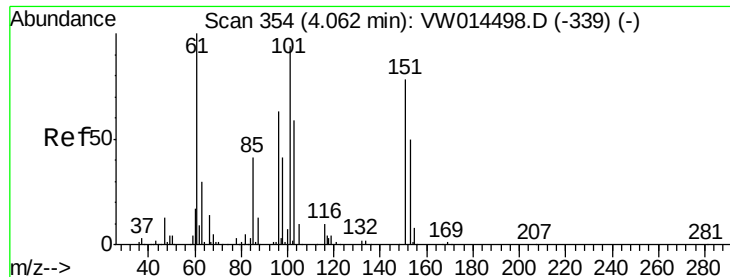


#8

Diethyl Ether
 Concen: 47.758 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion: 74 Resp: 212799
 Ion Ratio Lower Upper
 74 100
 45 99.1 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.115 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

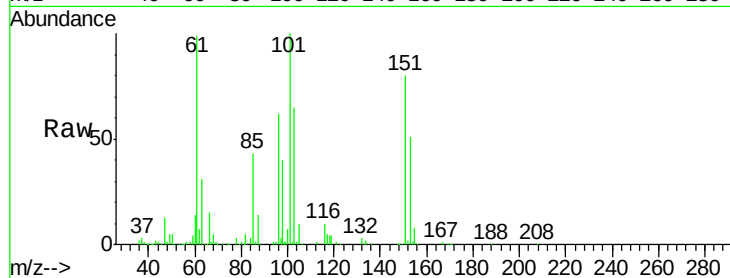
Tgt Ion:101 Resp: 444440

Ion Ratio Lower Upper

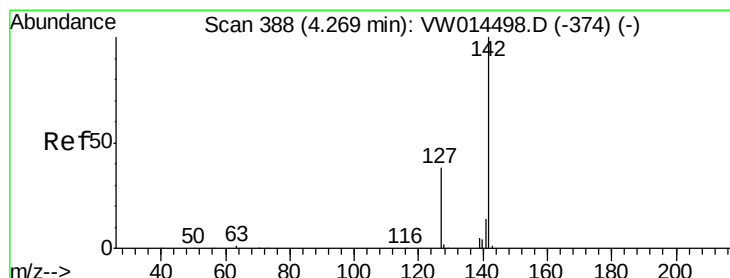
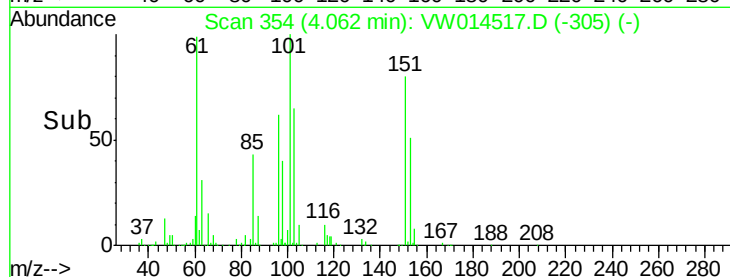
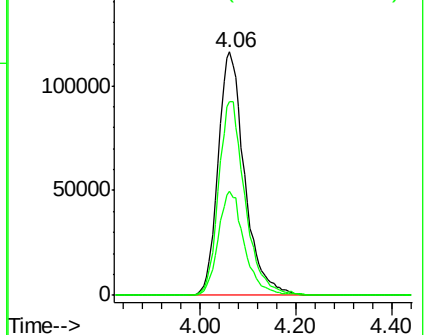
101 100

85 42.4 33.7 50.5

151 79.9 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.356 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

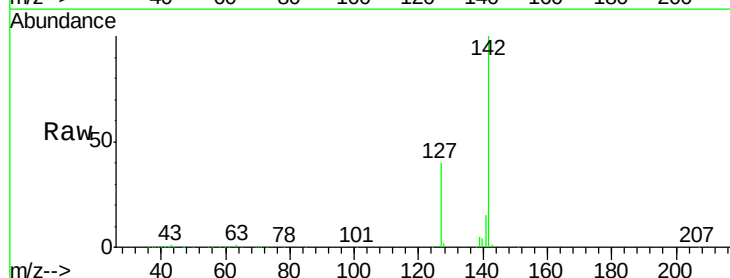
Tgt Ion:142 Resp: 648374

Ion Ratio Lower Upper

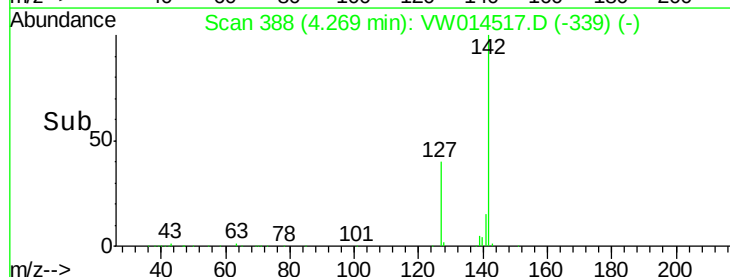
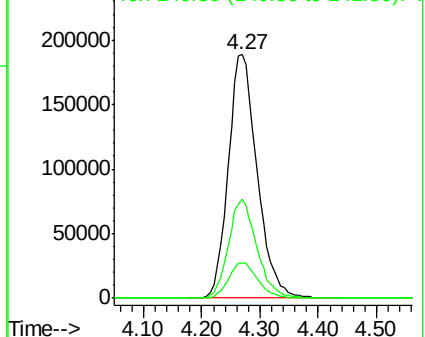
142 100

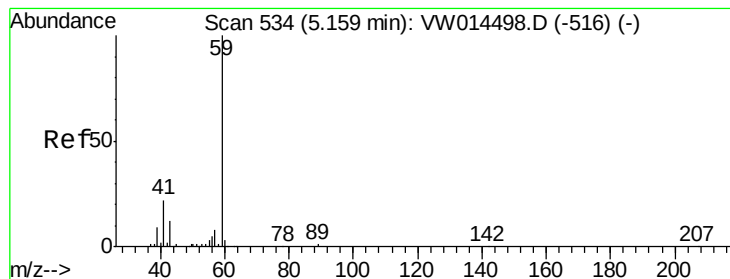
127 40.0 30.2 45.4

141 14.8 11.4 17.2



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



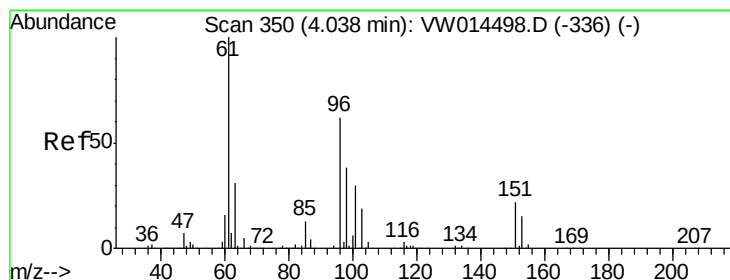
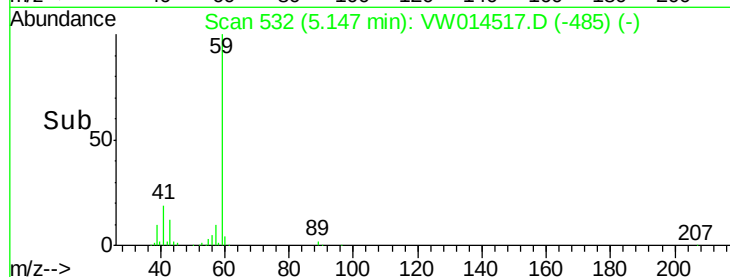
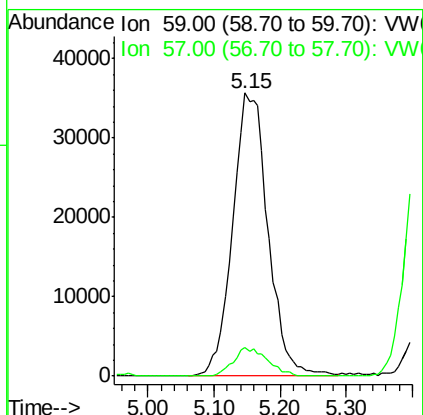
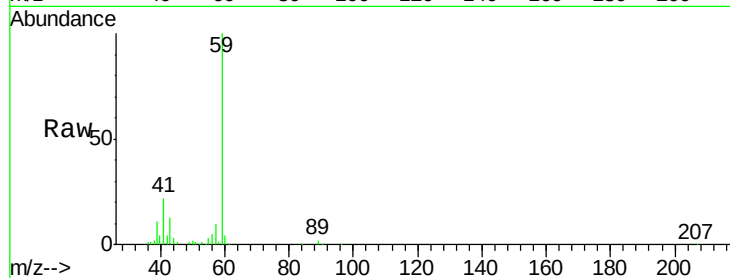


#11

Tert butyl alcohol
 Concen: 219.966 ug/l
 RT: 5.15 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

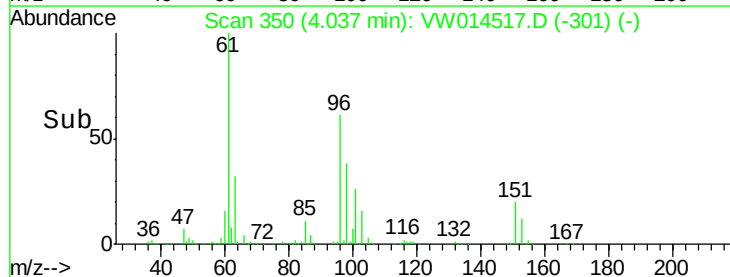
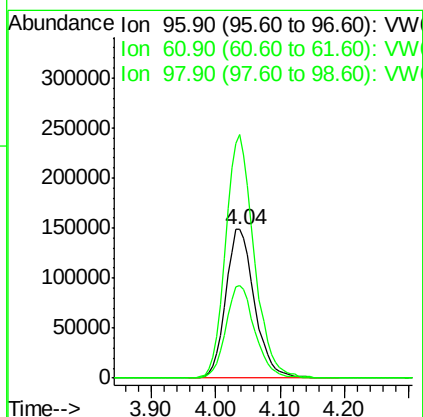
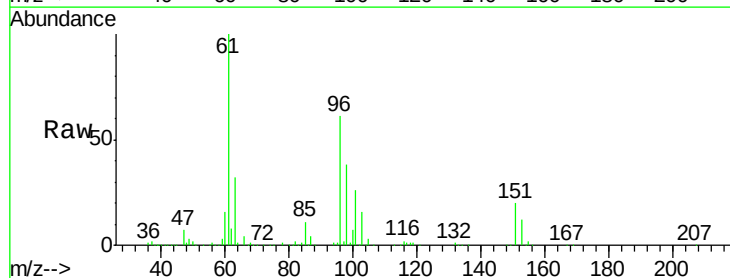
Tgt Ion: 59 Resp: 132204
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.8

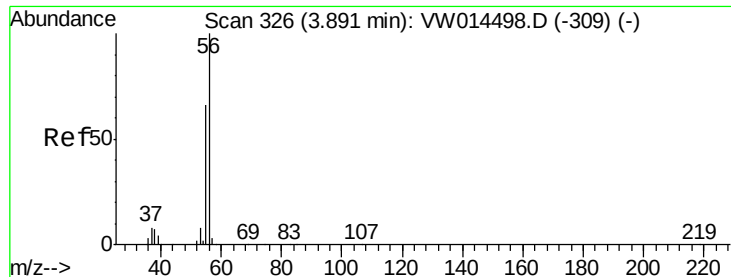


#12

1,1-Dichloroethene
 Concen: 53.330 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion: 96 Resp: 467305
 Ion Ratio Lower Upper
 96 100
 61 163.6 128.4 192.6
 98 62.5 49.1 73.7





#13

Acrolein

Concen: 244.278 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

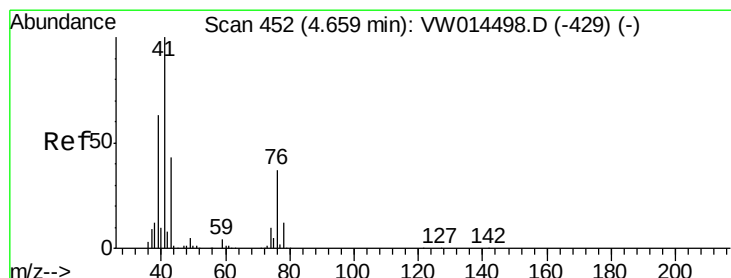
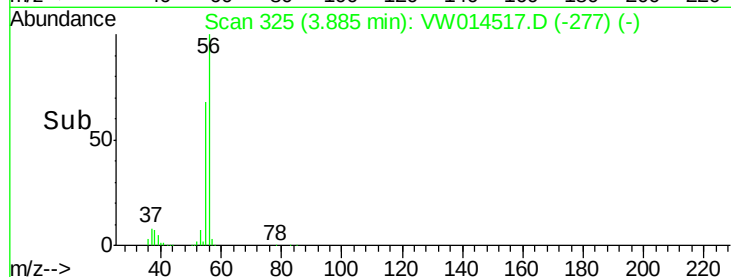
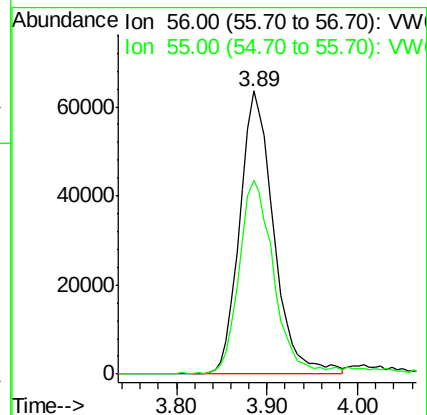
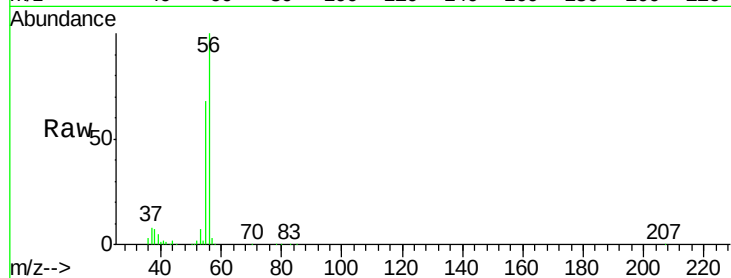
VSTDCCC050

Tgt Ion: 56 Resp: 164139

Ion Ratio Lower Upper

56 100

55 68.9 56.7 85.1



#14

Allyl chloride

Concen: 55.783 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

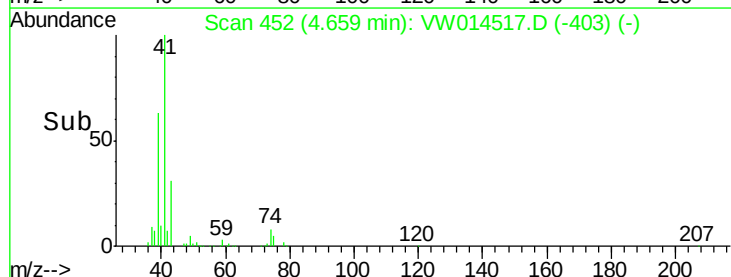
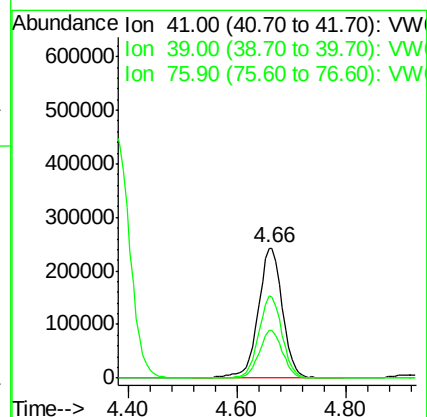
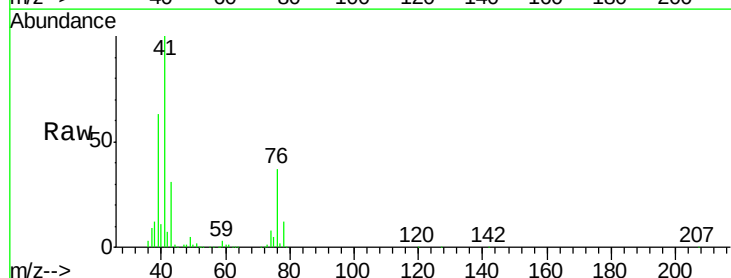
Tgt Ion: 41 Resp: 746964

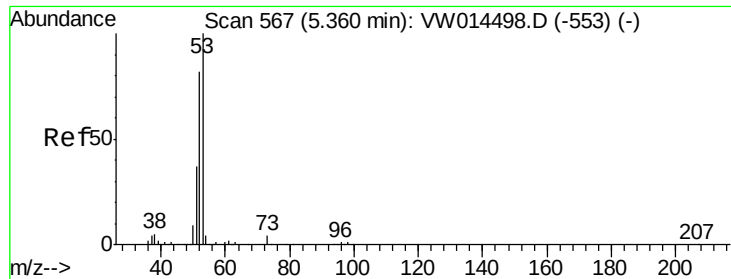
Ion Ratio Lower Upper

41 100

39 61.0 48.5 72.7

76 35.0 28.1 42.1





#15

Acrylonitrile

Concen: 228.419 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

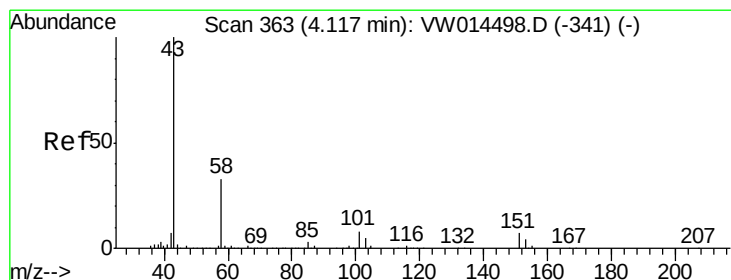
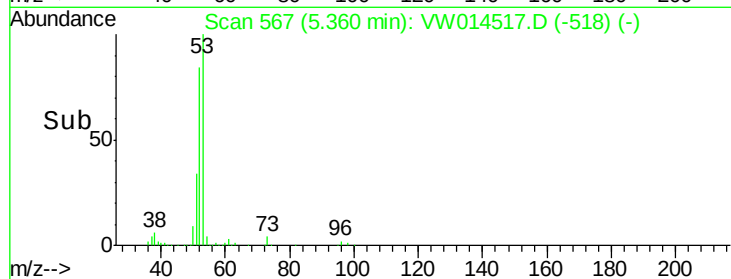
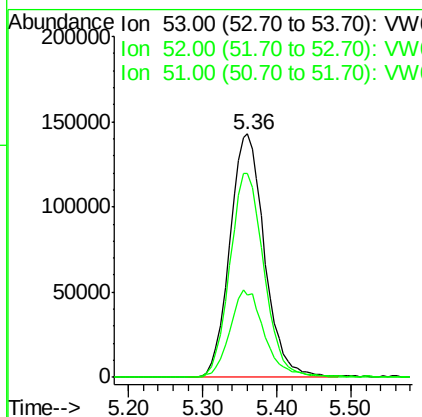
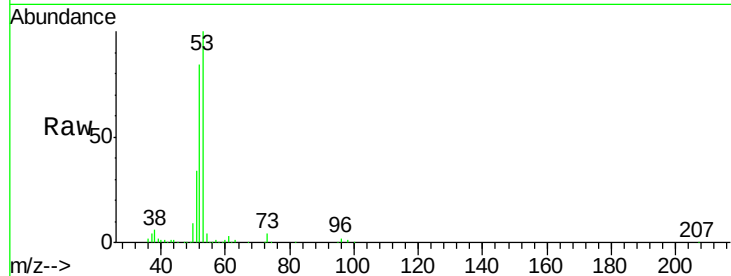
Tgt Ion: 53 Resp: 465223

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

51 36.0 28.4 42.6



#16

Acetone

Concen: 289.572 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014517.D

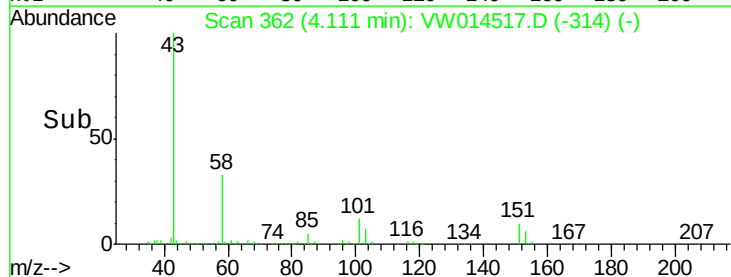
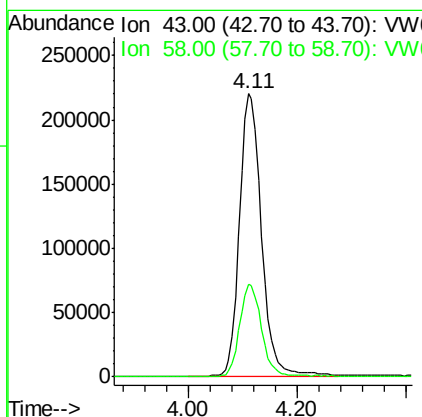
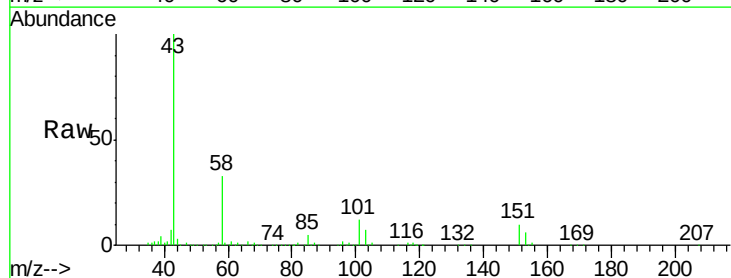
Acq: 06 Jan 2020 10:48

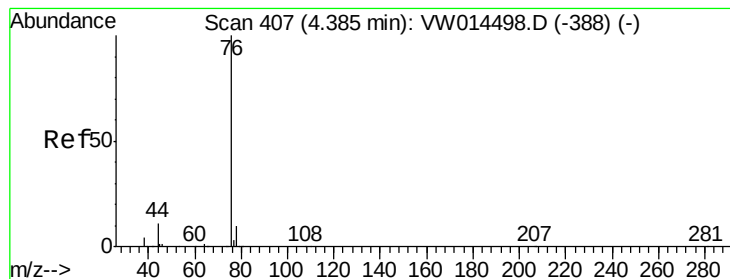
Tgt Ion: 43 Resp: 629477

Ion Ratio Lower Upper

43 100

58 32.9 26.6 39.8





#17

Carbon Disulfide

Concen: 54.016 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

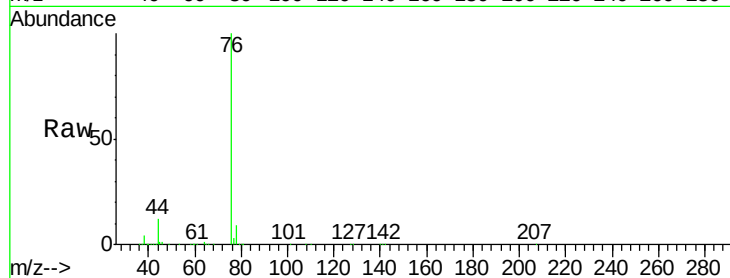
VSTDCCC050

Tgt Ion: 76 Resp: 1426571

Ion Ratio Lower Upper

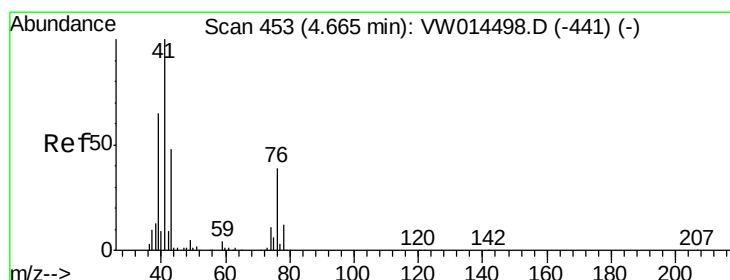
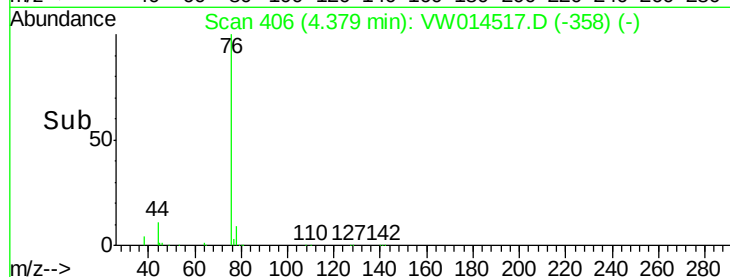
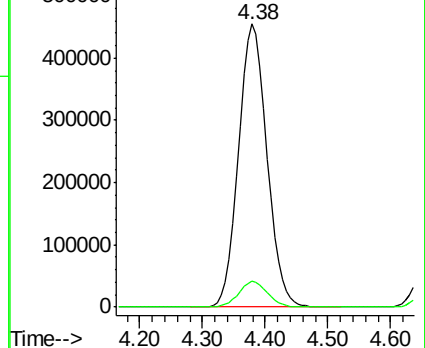
76 100

78 9.2 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 44.098 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014517.D

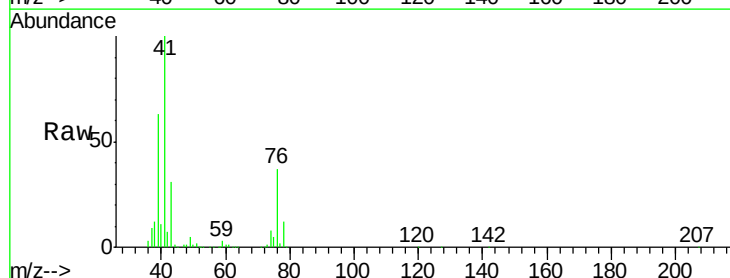
Acq: 06 Jan 2020 10:48

Tgt Ion: 43 Resp: 231516

Ion Ratio Lower Upper

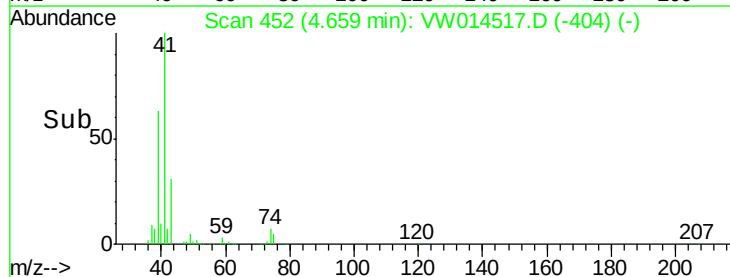
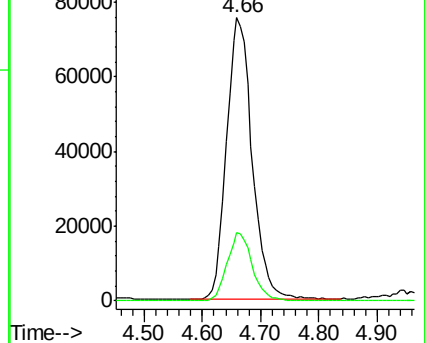
43 100

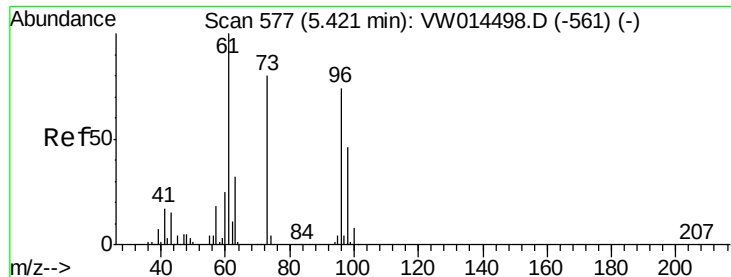
74 23.8 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

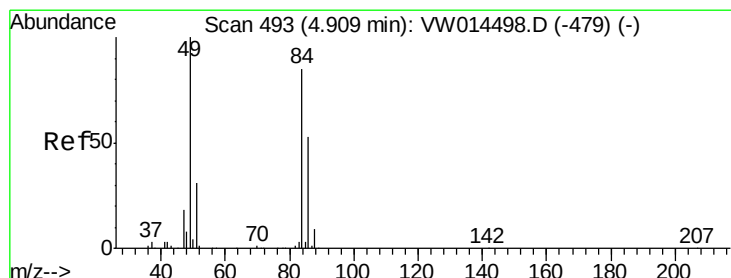
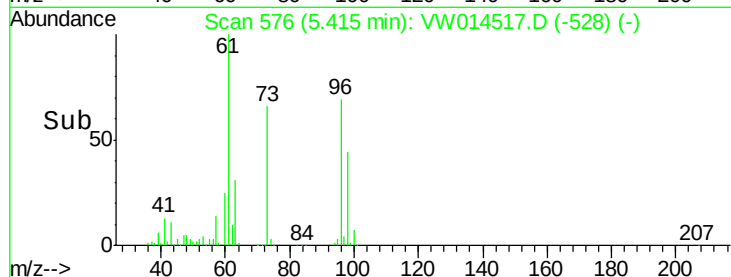
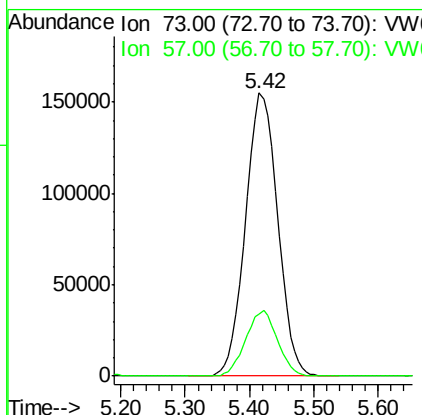
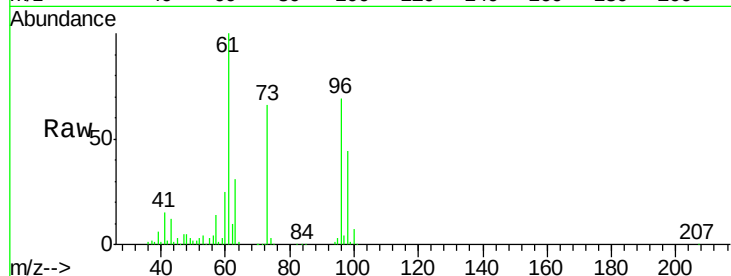




#19
Methyl tert-butyl Ether
Concen: 49.097 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

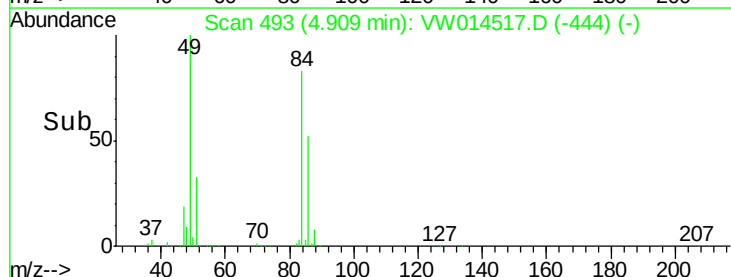
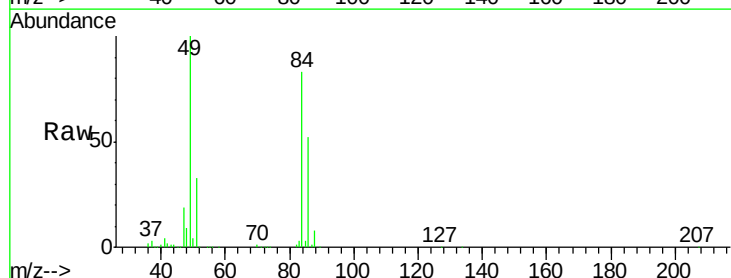
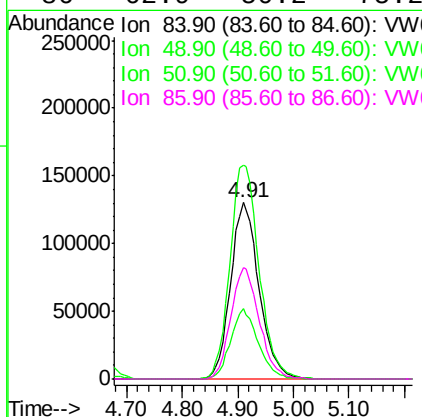
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

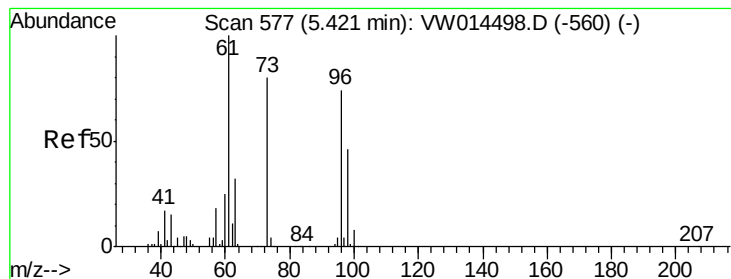
Tgt Ion: 73 Resp: 534039
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1



#20
Methylene Chloride
Concen: 52.692 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 84 Resp: 461156
Ion Ratio Lower Upper
84 100
49 121.2 94.4 141.6
51 39.7 29.5 44.3
86 62.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 52.612 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

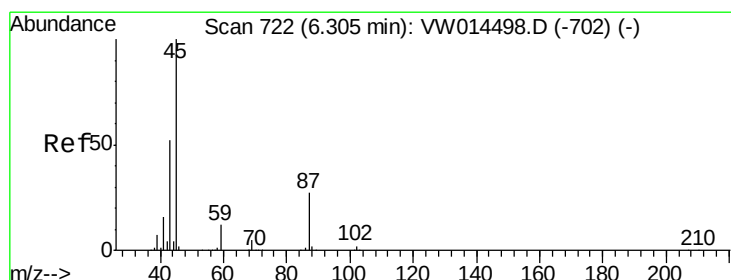
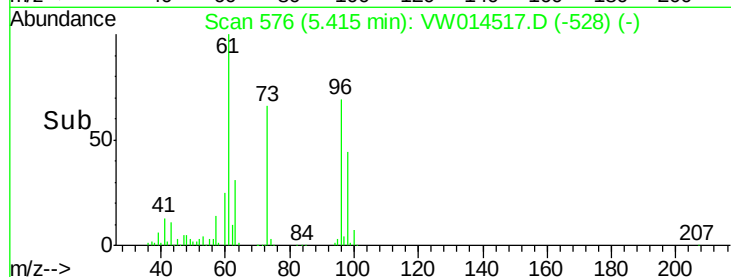
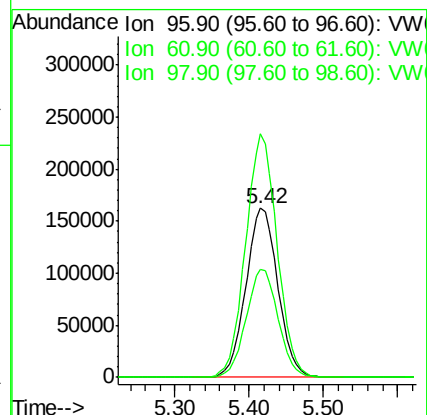
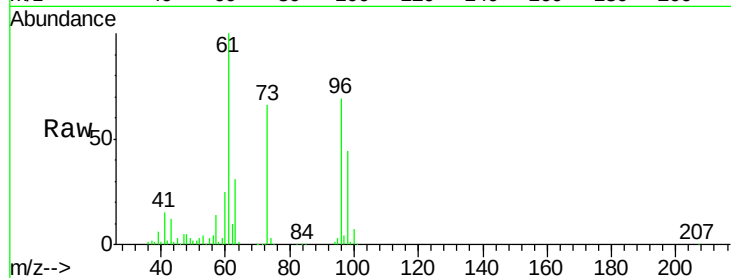
Tgt Ion: 96 Resp: 489520

Ion Ratio Lower Upper

96 100

61 144.0 107.8 161.6

98 63.5 49.4 74.0



#22

Diisopropyl ether

Concen: 52.291 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion: 45 Resp: 1310600

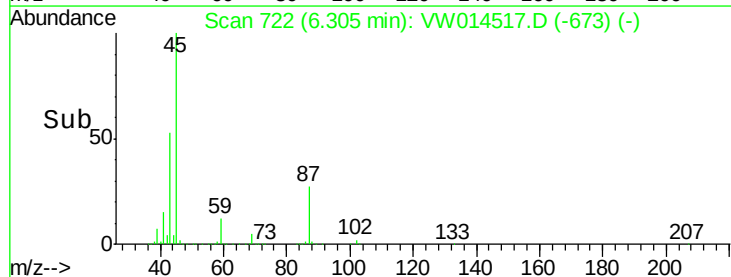
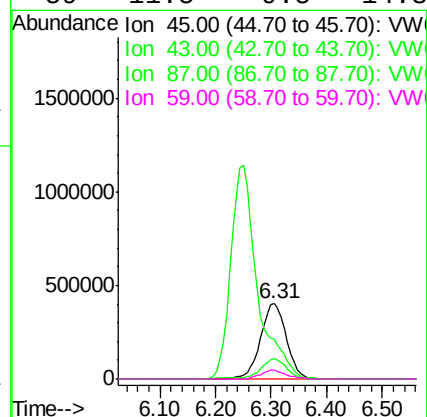
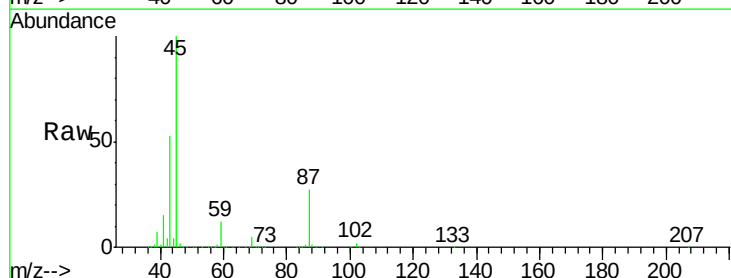
Ion Ratio Lower Upper

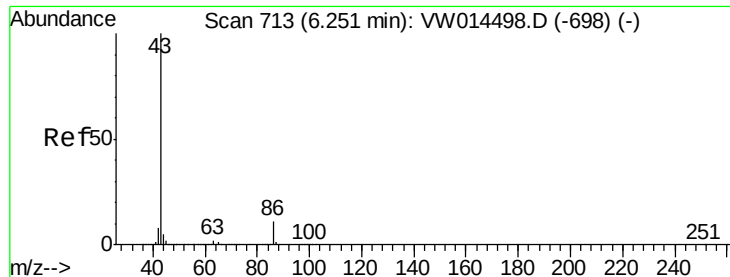
45 100

43 52.6 41.4 62.0

87 27.3 22.2 33.2

59 11.5 9.5 14.3





#23

Vinyl Acetate

Concen: 250.278 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

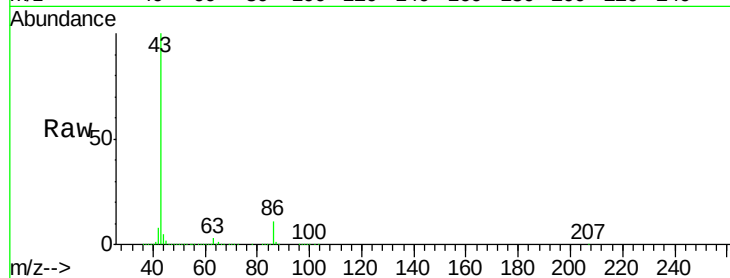
VSTDCCC050

Tgt Ion: 43 Resp: 3787920

Ion Ratio Lower Upper

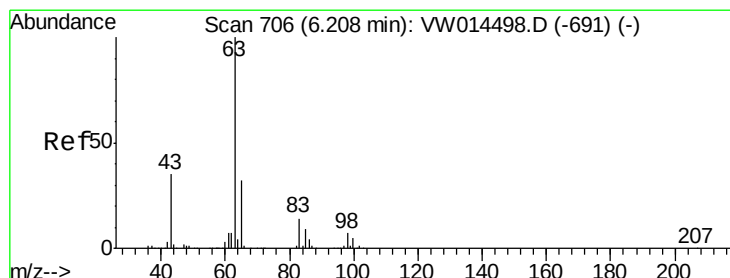
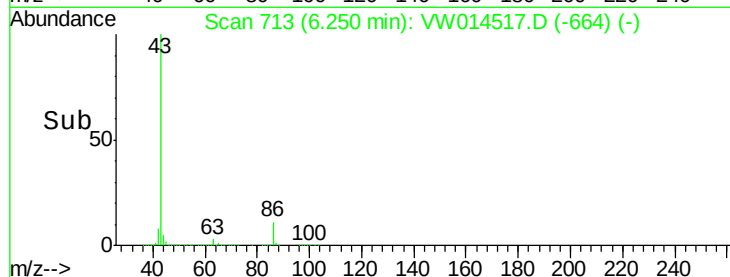
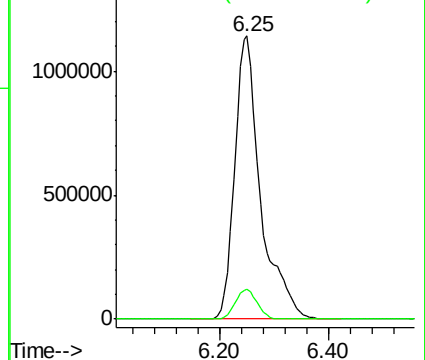
43 100

86 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 52.672 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

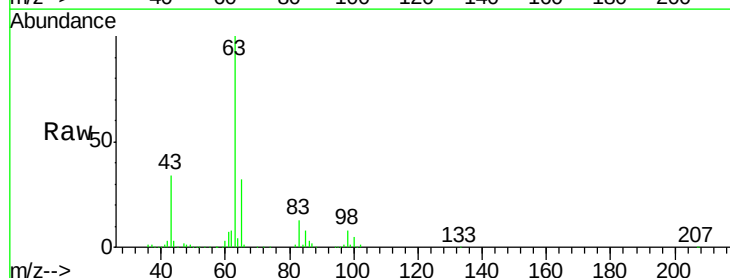
Tgt Ion: 63 Resp: 832735

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

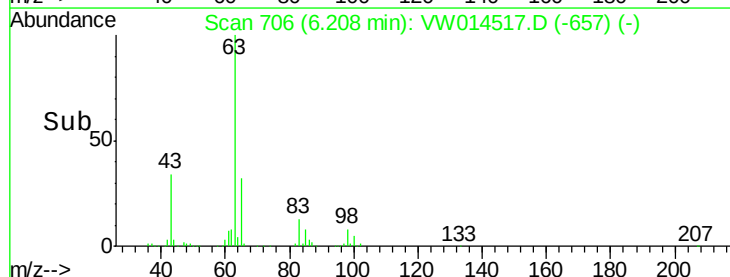
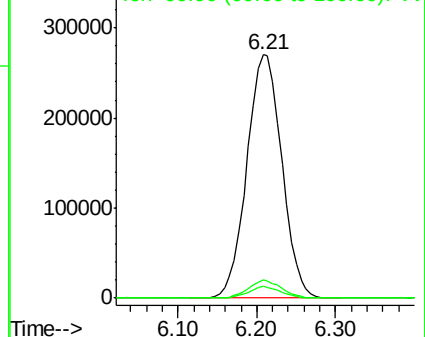
100 4.7 2.5 7.4

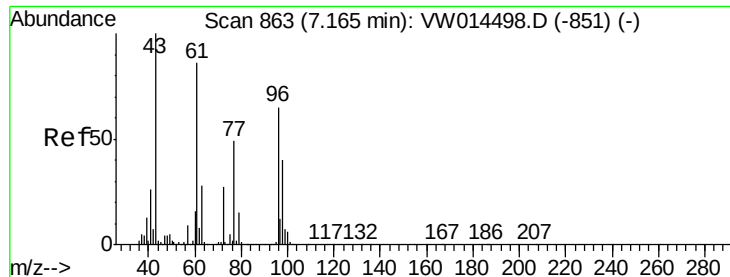


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 246.935 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

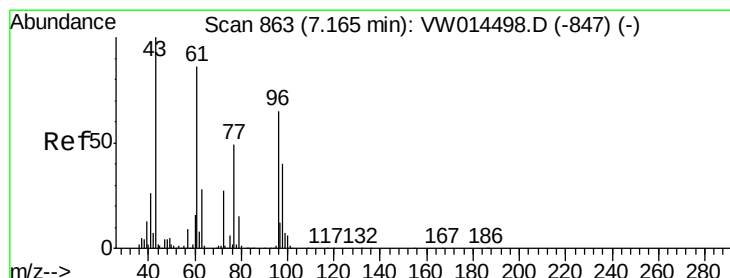
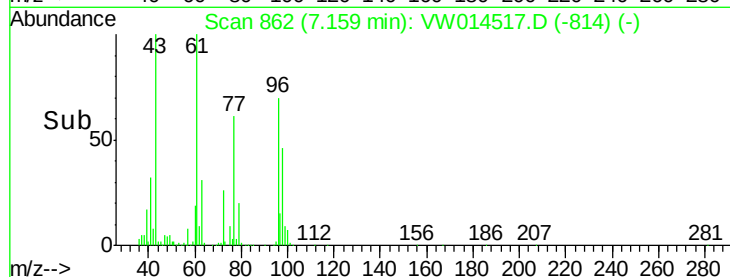
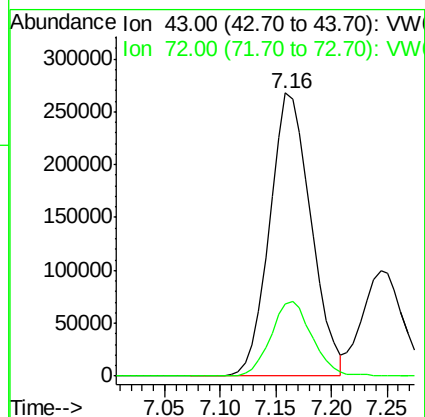
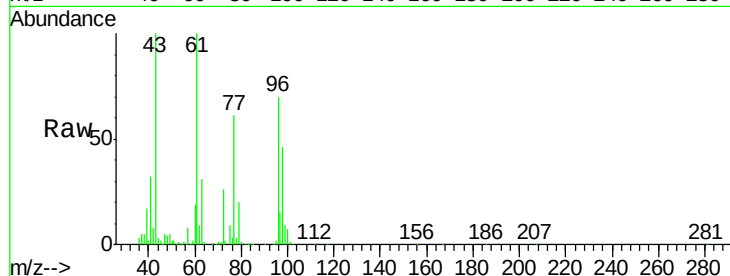
VSTDCCC050

Tgt Ion: 43 Resp: 688878

Ion Ratio Lower Upper

43 100

72 25.6 21.9 32.9



#26

2,2-Dichloropropane

Concen: 53.939 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014517.D

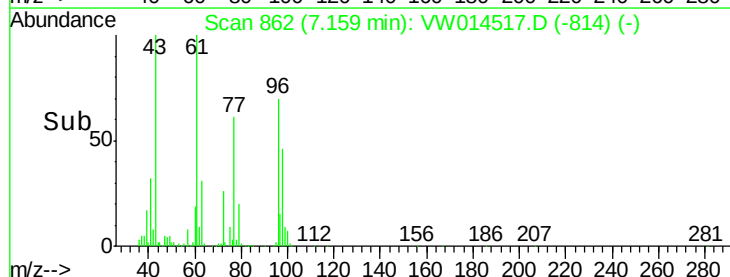
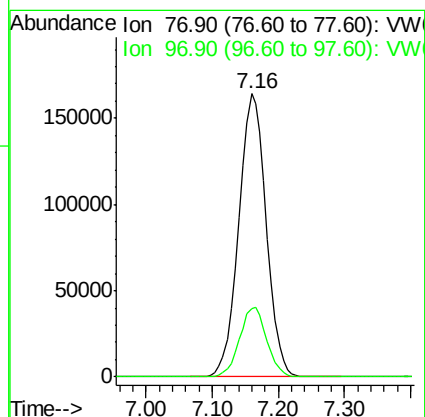
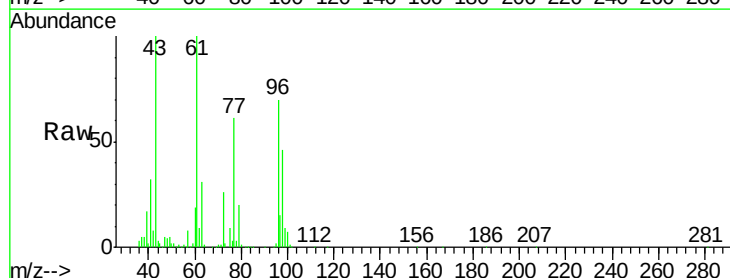
Acq: 06 Jan 2020 10:48

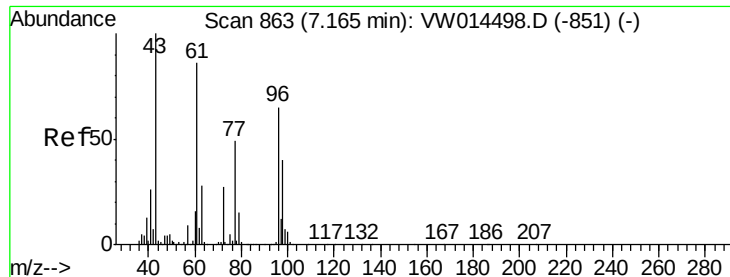
Tgt Ion: 77 Resp: 472131

Ion Ratio Lower Upper

77 100

97 24.2 12.5 37.5



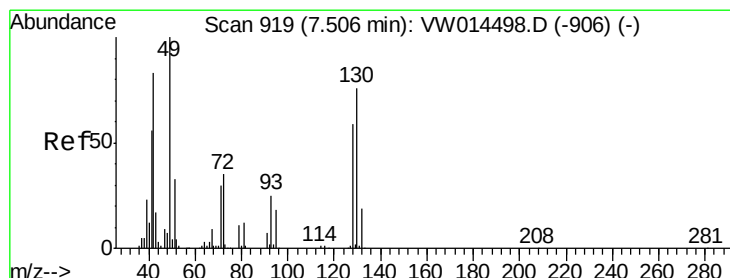
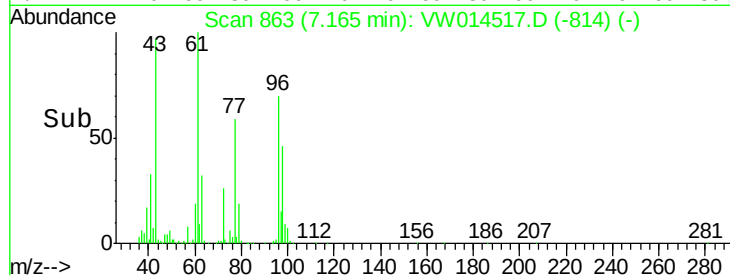
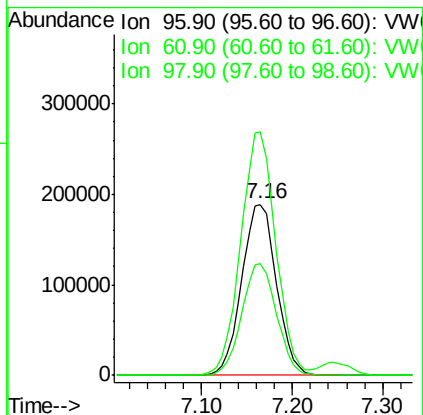
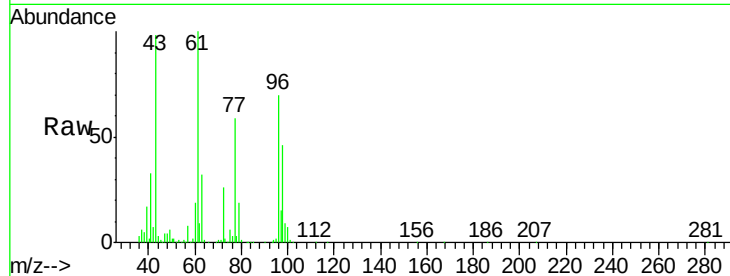


#27

cis-1,2-Dichloroethene
Concen: 51.302 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

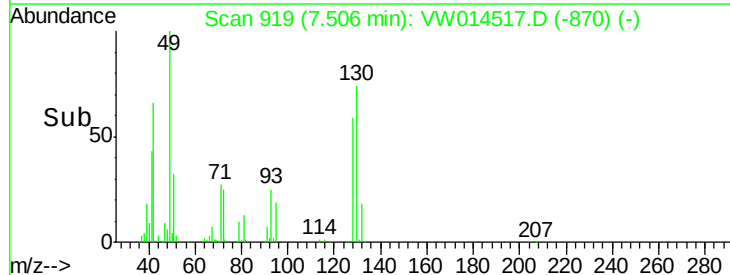
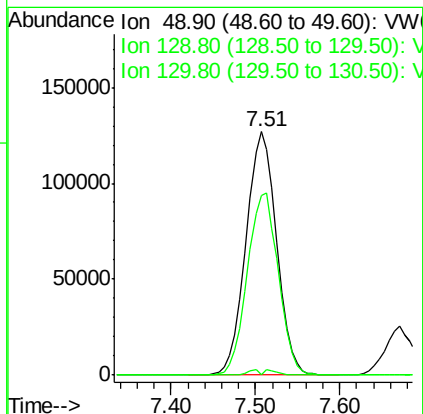
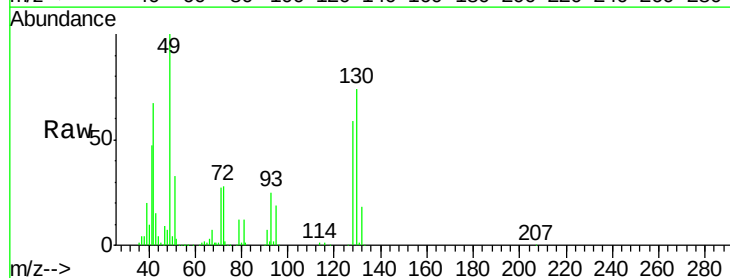
Tgt Ion: 96 Resp: 501556
Ion Ratio Lower Upper
96 100
61 143.2 0.0 274.8
98 65.3 0.0 128.6

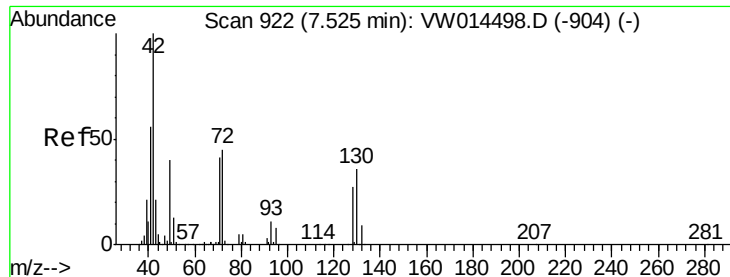


#28

Bromochloromethane
Concen: 50.428 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 49 Resp: 312566
Ion Ratio Lower Upper
49 100
129 0.9 0.0 2.0
130 75.9 62.5 93.7

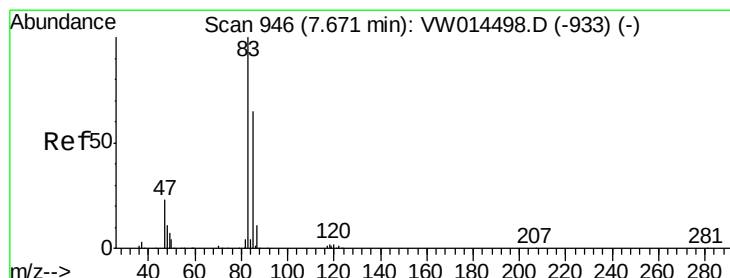
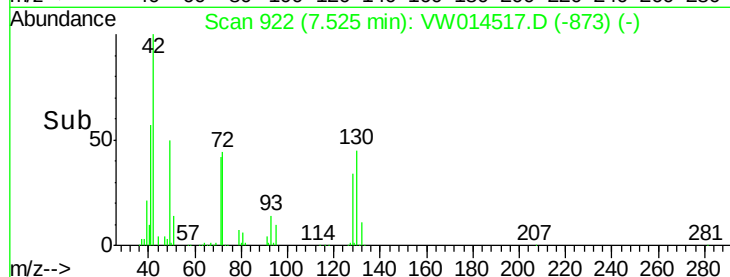
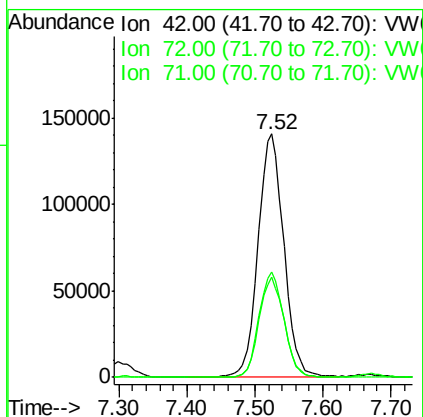
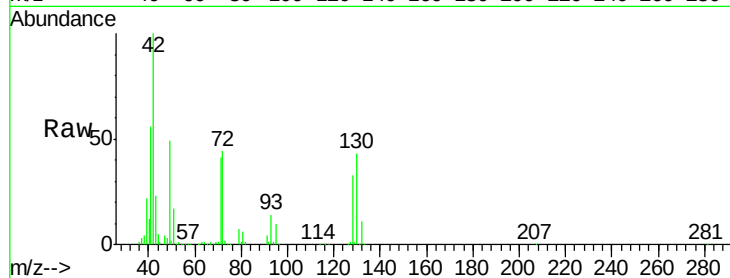




#29
Tetrahydrofuran
Concen: 216.074 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

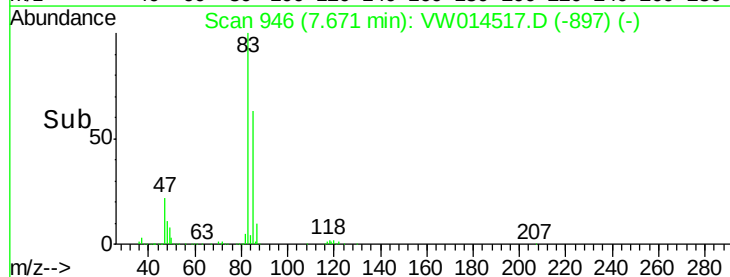
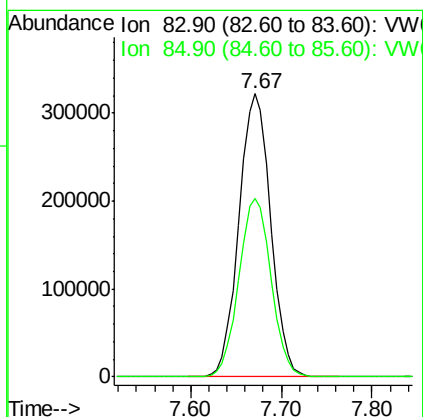
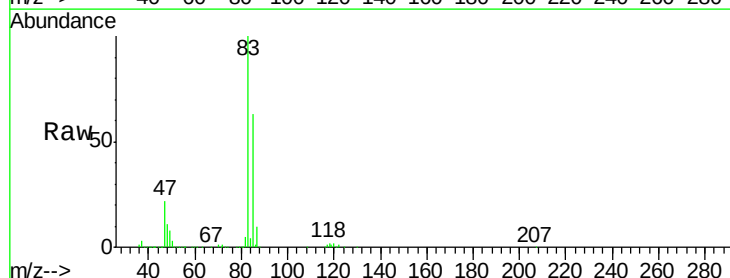
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

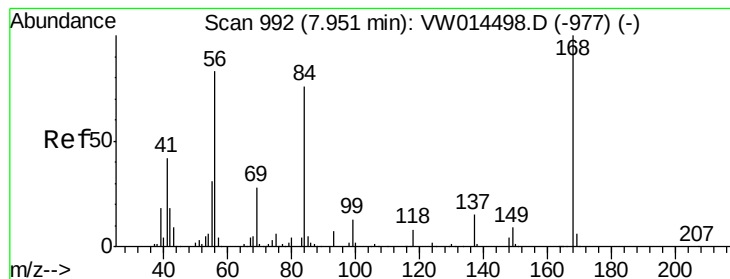
Tgt Ion: 42 Resp: 373429
Ion Ratio Lower Upper
42 100
72 42.2 34.5 51.7
71 40.2 32.0 48.0



#30
Chloroform
Concen: 52.855 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 83 Resp: 781427
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.2





#31

Cyclohexane

Concen: 51.963 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

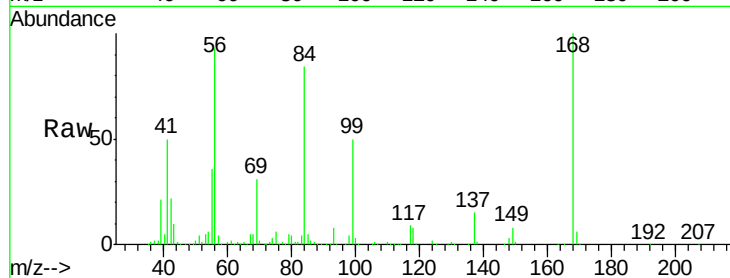
Tgt Ion: 56 Resp: 853769

Ion Ratio Lower Upper

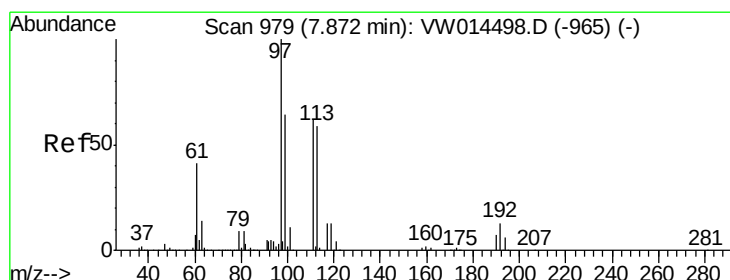
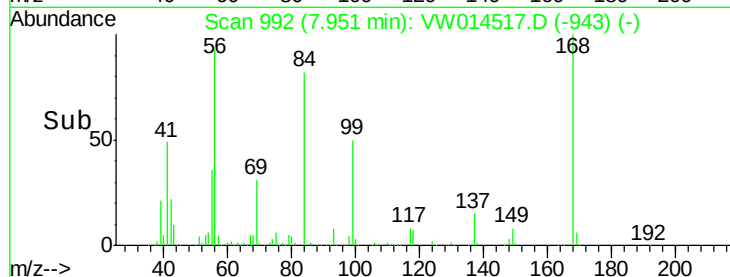
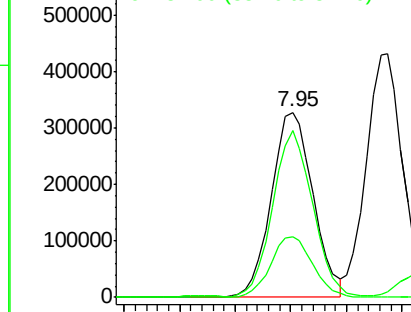
56 100

69 32.8 26.8 40.2

84 89.3 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 54.446 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

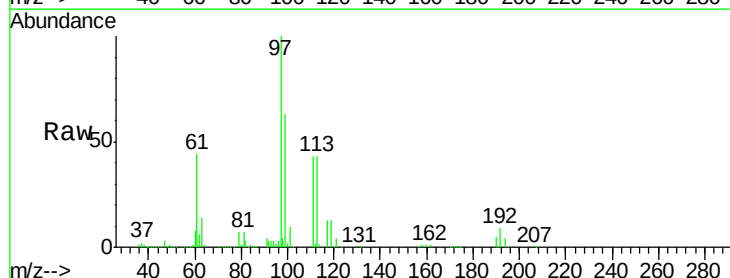
Tgt Ion: 97 Resp: 647387

Ion Ratio Lower Upper

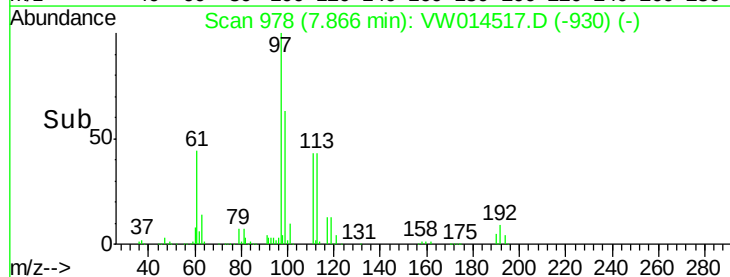
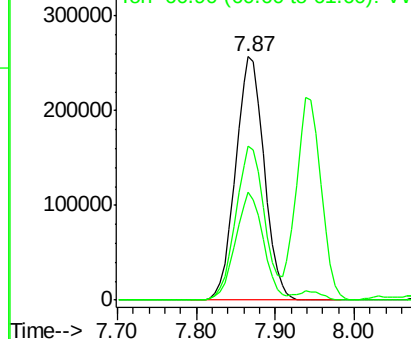
97 100

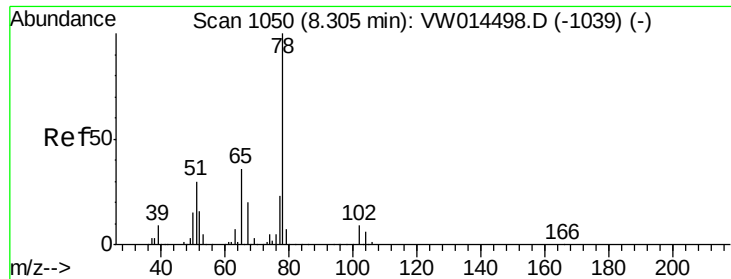
99 64.3 51.8 77.6

61 43.2 33.8 50.8



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

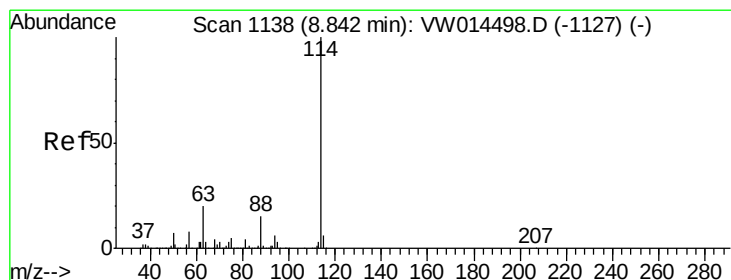
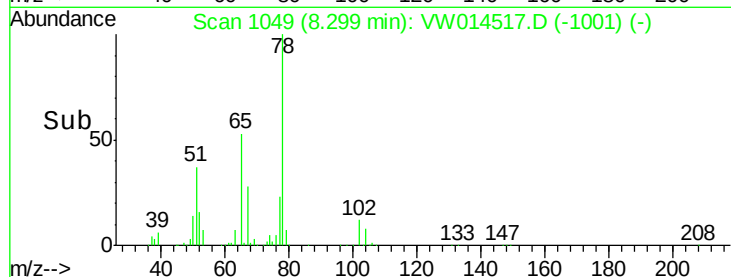
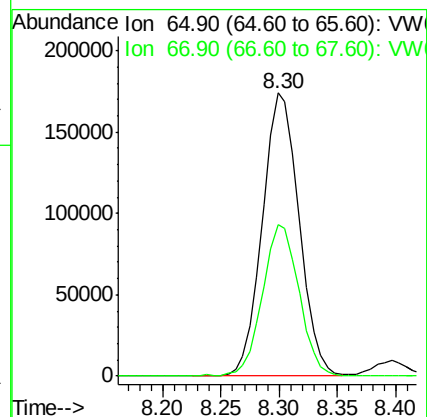
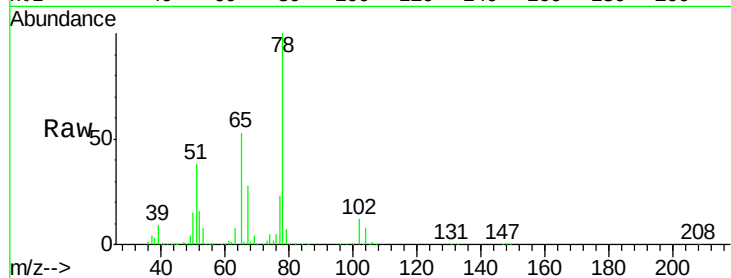




#33
 1,2-Dichloroethane-d4
 Concen: 49.295 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

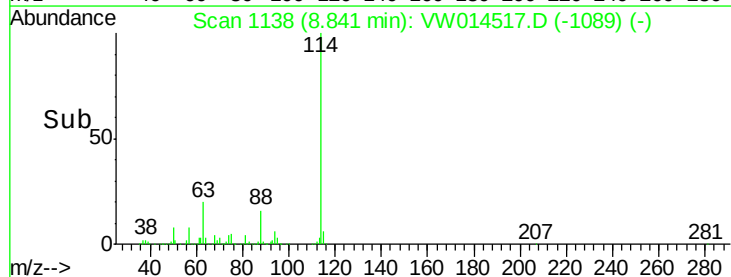
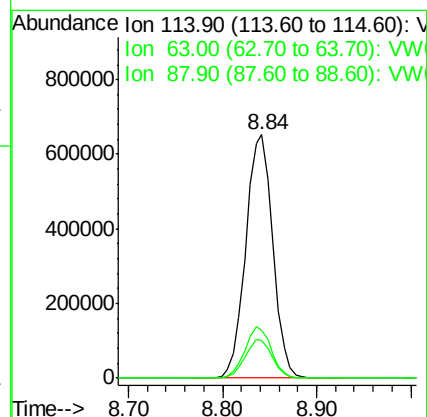
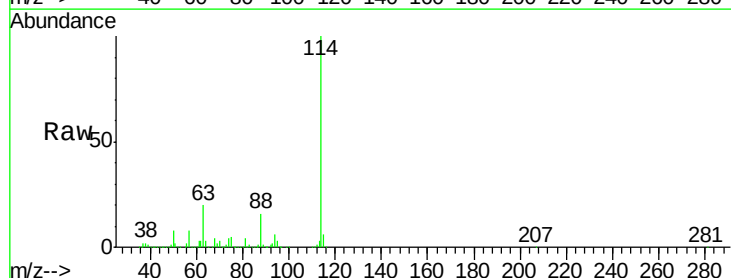
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

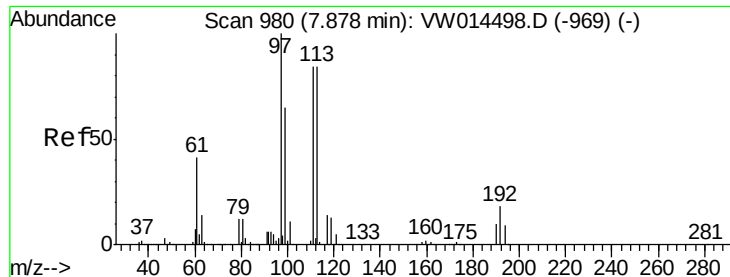
Tgt Ion: 65 Resp: 379502
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion: 114 Resp: 1305228
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.4
 88 15.7 0.0 30.6

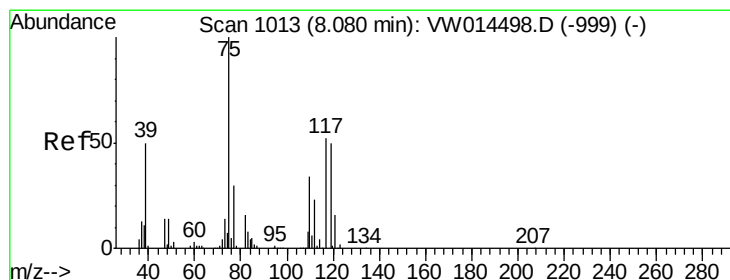
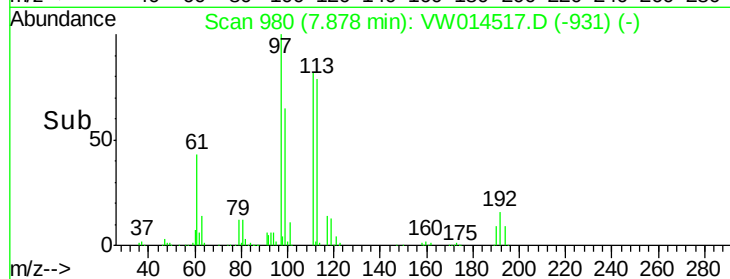
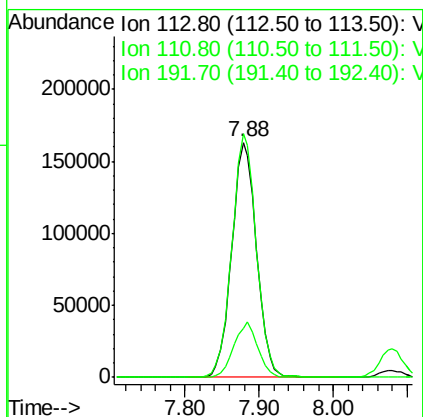
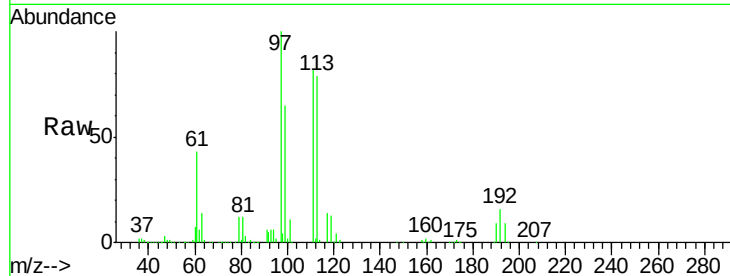




#35
 Dibromofluoromethane
 Concen: 51.093 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

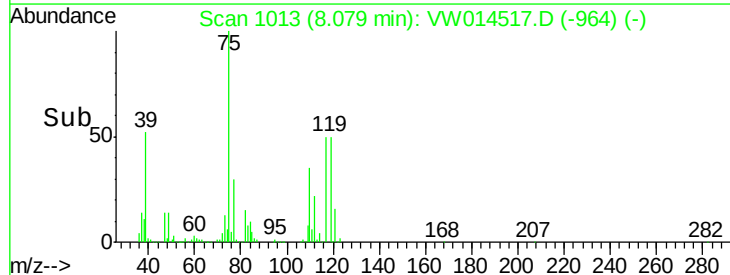
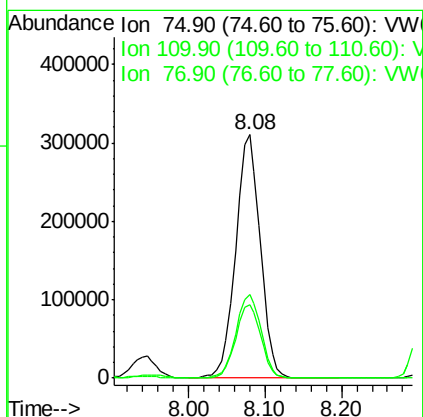
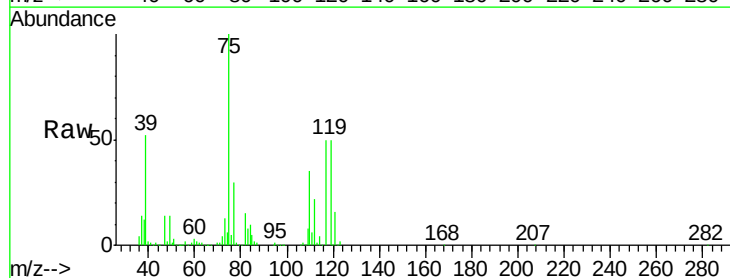
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

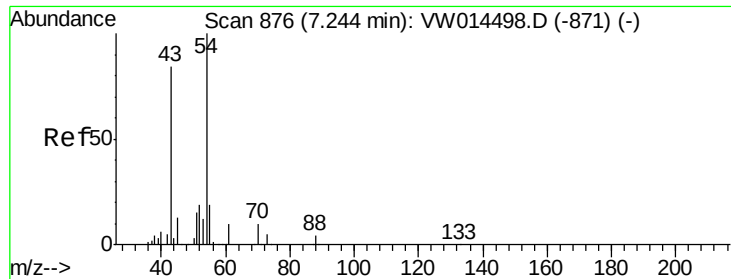
Tgt Ion: 113 Resp: 381137
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.2
 192 22.5 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 54.640 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion: 75 Resp: 687536
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.8 53.5
 77 31.1 24.7 37.1

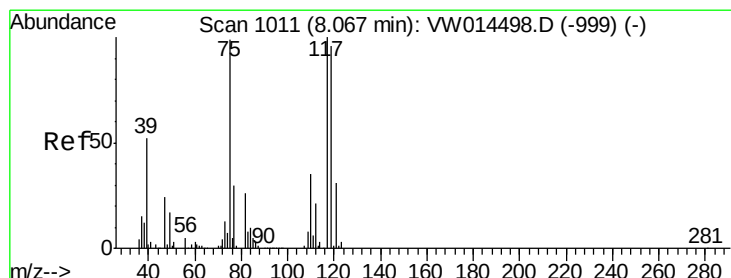
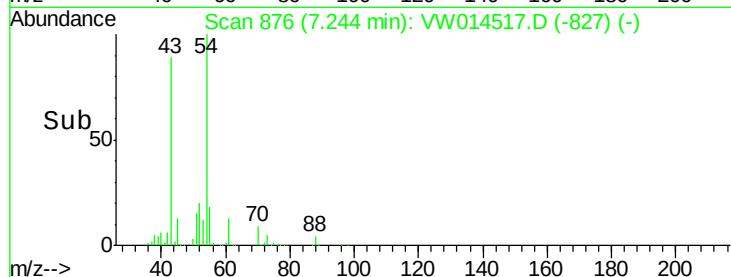
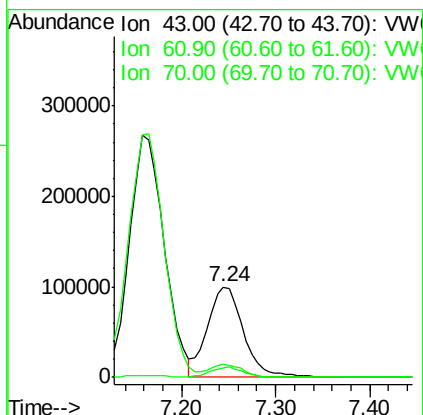
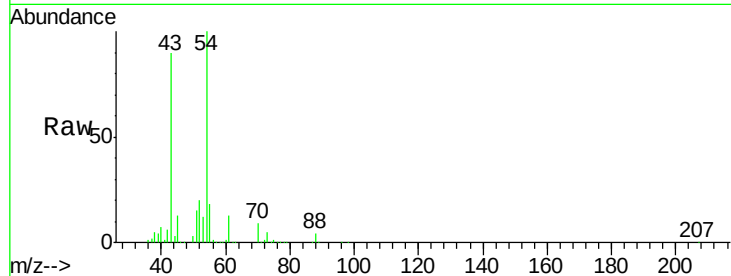




#37
Ethyl Acetate
Concen: 45.969 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

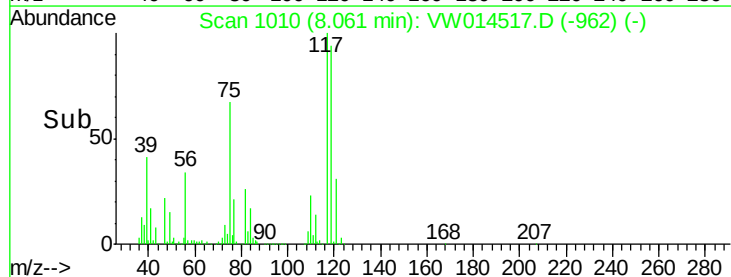
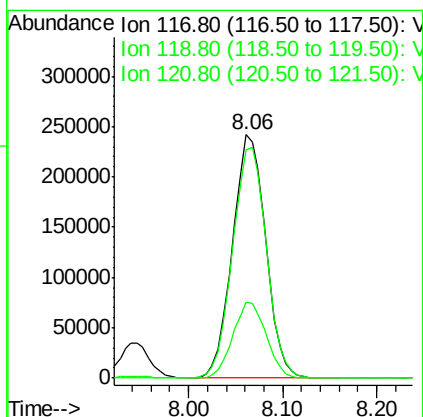
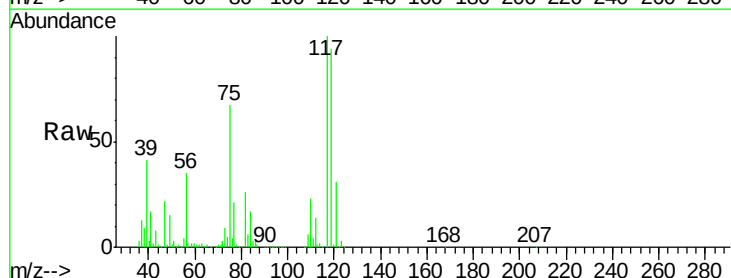
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

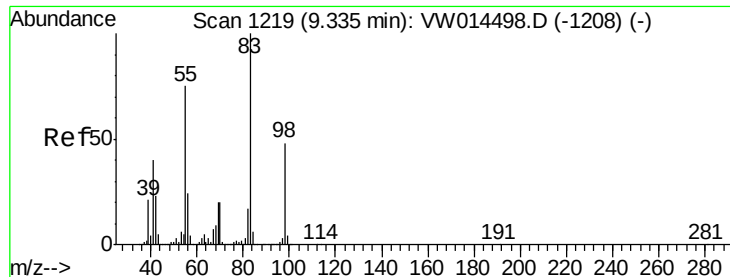
Tgt Ion: 43 Resp: 262336
Ion Ratio Lower Upper
43 100
61 13.3 11.7 17.5
70 10.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 54.623 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 117 Resp: 596291
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.6
121 31.1 24.6 36.8

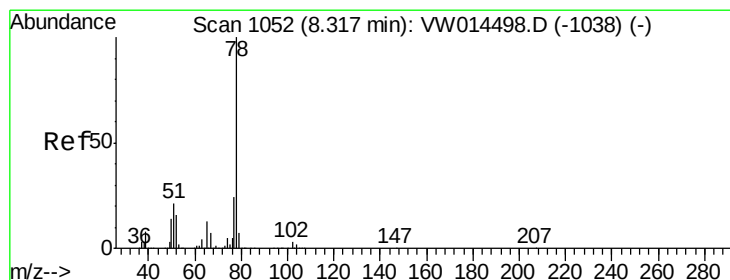
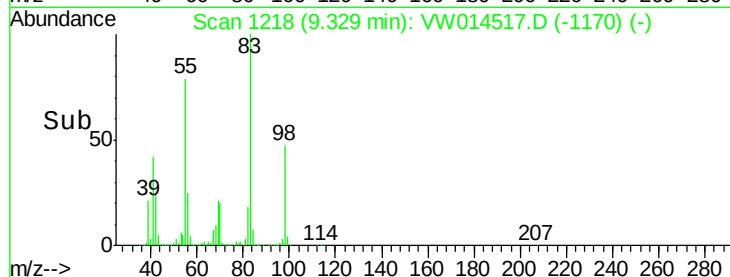
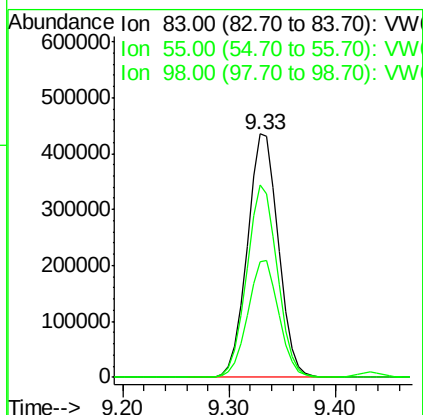
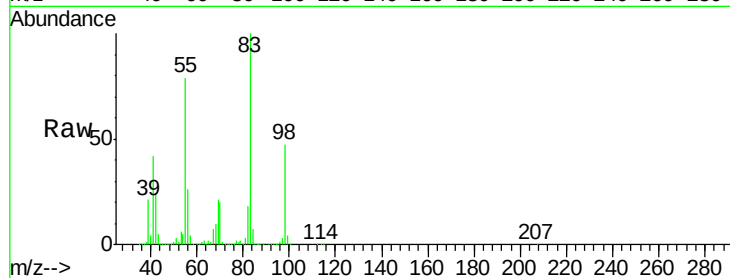




#39
Methylcyclohexane
Concen: 55.247 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

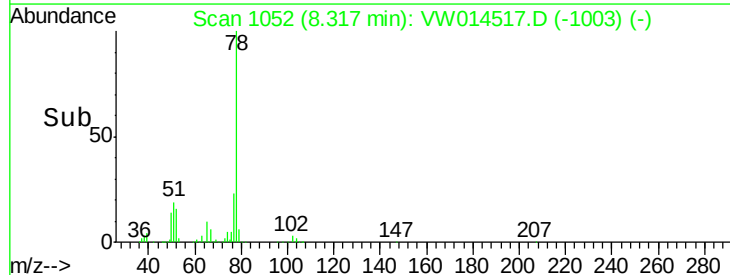
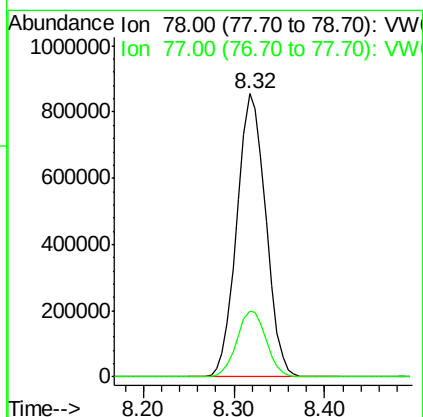
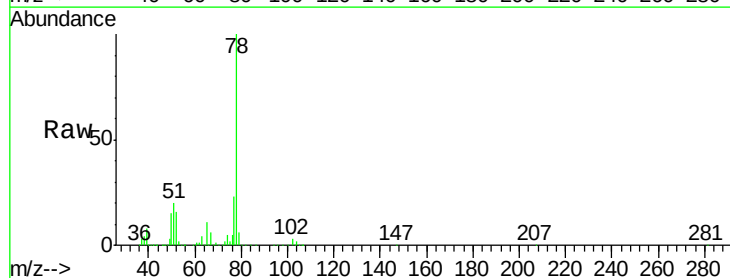
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

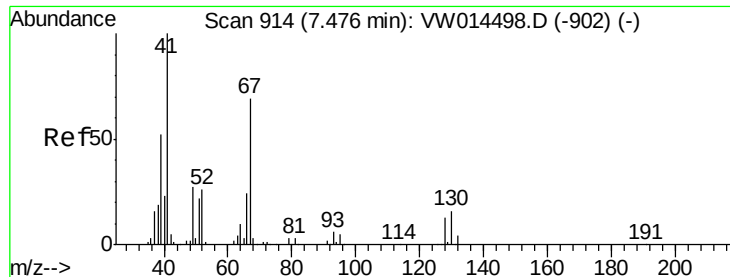
Tgt Ion: 83 Resp: 892119
Ion Ratio Lower Upper
83 100
55 78.9 60.1 90.1
98 47.5 38.8 58.2



#40
Benzene
Concen: 53.182 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 78 Resp: 1893373
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

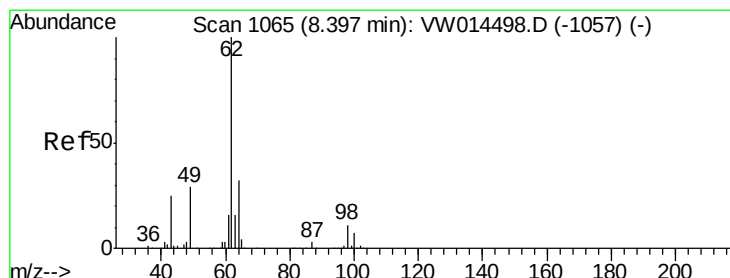
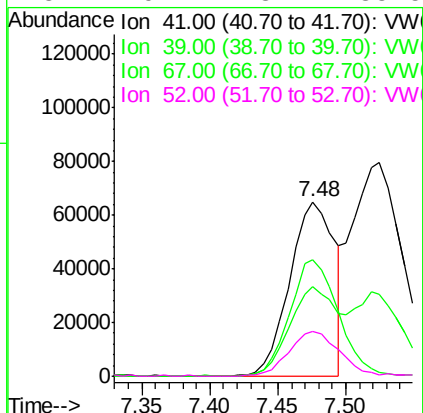
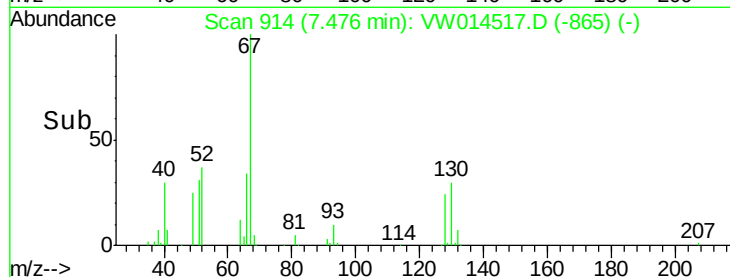
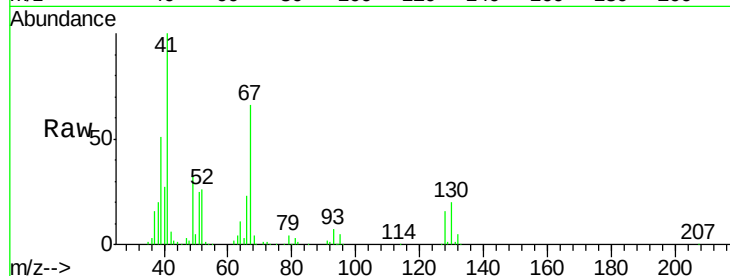




#41
Methacrylonitrile
Concen: 46.550 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

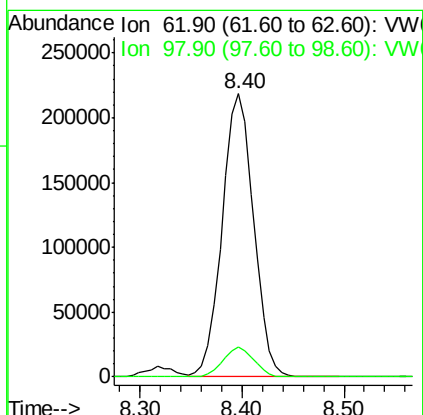
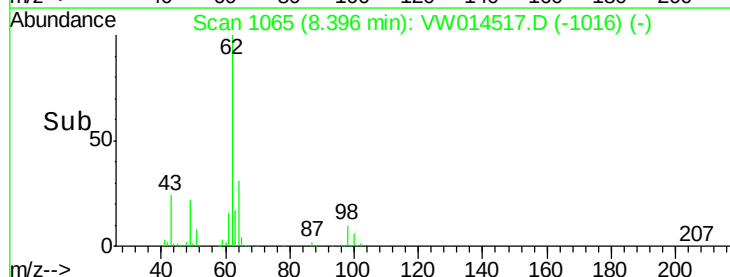
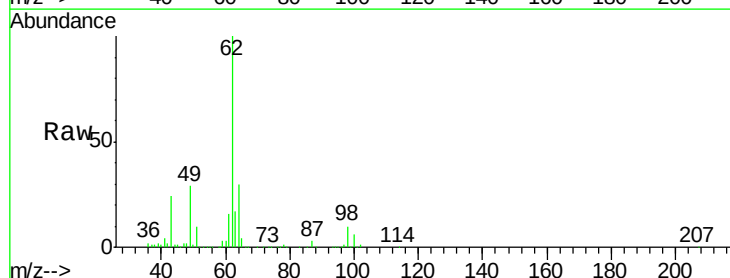
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

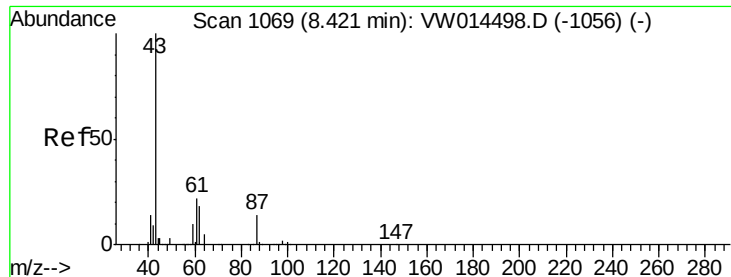
Tgt Ion:	41	Resp:	148082
Ion	Ratio	Lower	Upper
41	100		
39	57.0	46.0	69.0
67	73.0	60.8	91.2
52	29.2	23.7	35.5



#42
1,2-Dichloroethane
Concen: 50.363 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion:	62	Resp:	465305
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 46.232 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

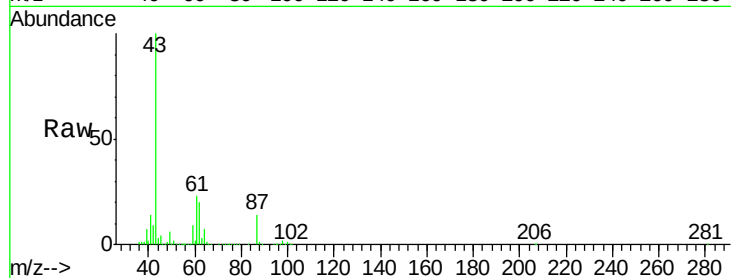
Tgt Ion: 43 Resp: 479098

Ion Ratio Lower Upper

43 100

61 31.4 24.7 37.1

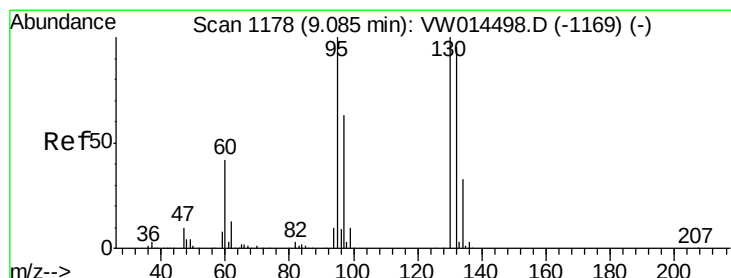
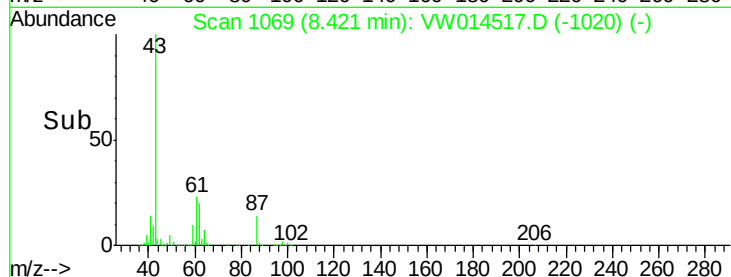
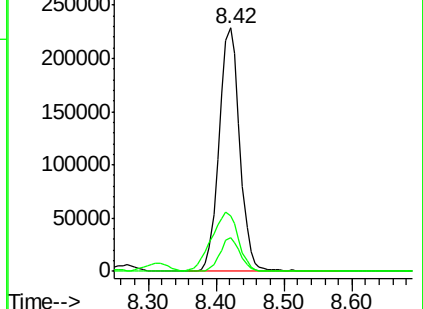
87 13.3 11.1 16.7



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: 52.344 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014517.D

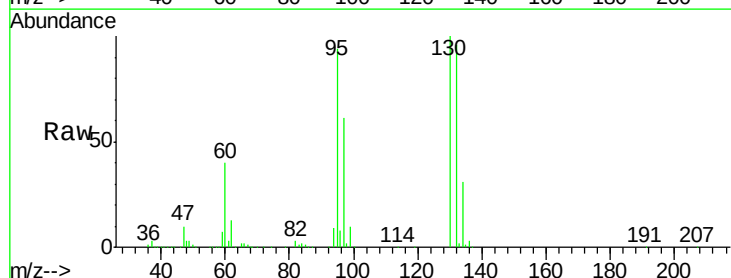
Acq: 06 Jan 2020 10:48

Tgt Ion: 130 Resp: 504262

Ion Ratio Lower Upper

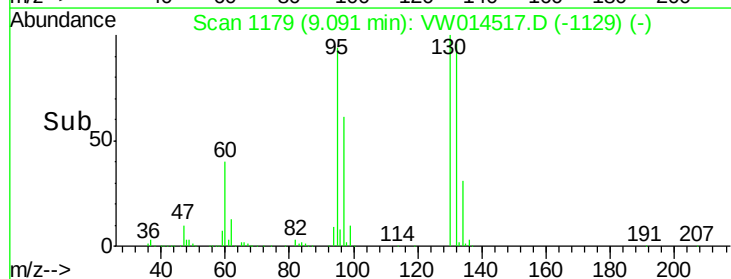
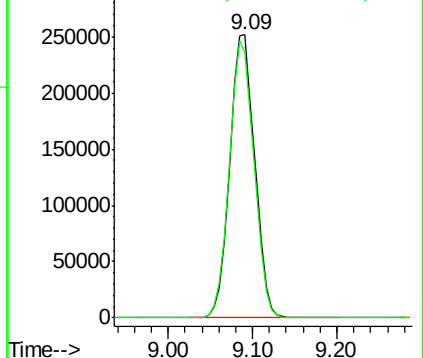
130 100

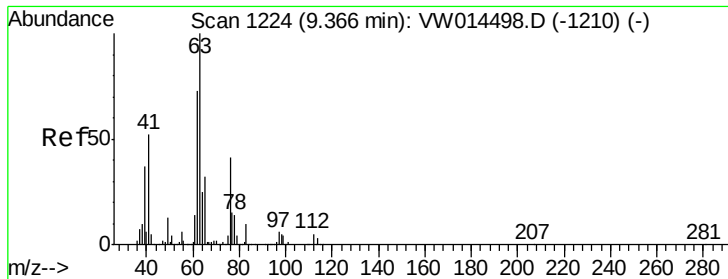
95 93.8 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 52.180 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

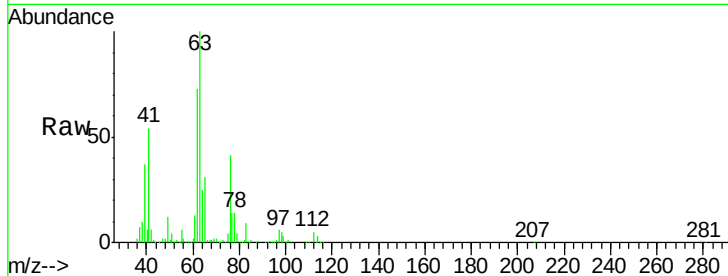
VSTDCCC050

Tgt Ion: 63 Resp: 455860

Ion Ratio Lower Upper

63 100

65 31.2 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

250000

200000

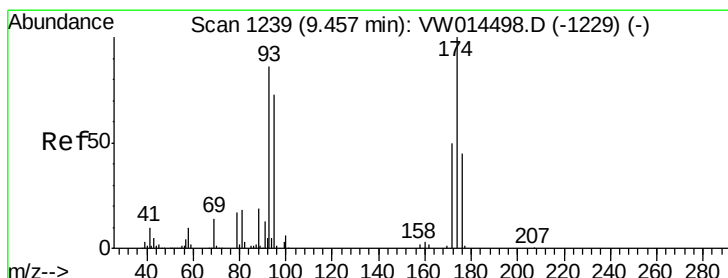
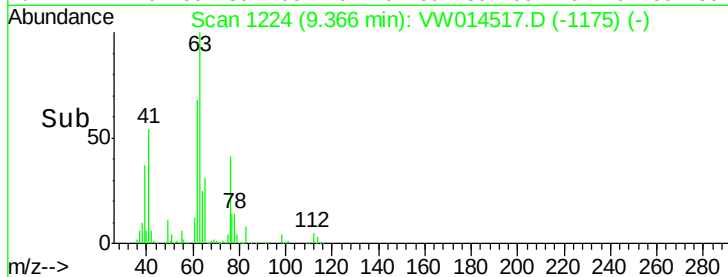
150000

100000

50000

0

Time--> 9.20 9.30 9.40 9.50



#46

Dibromomethane

Concen: 48.586 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

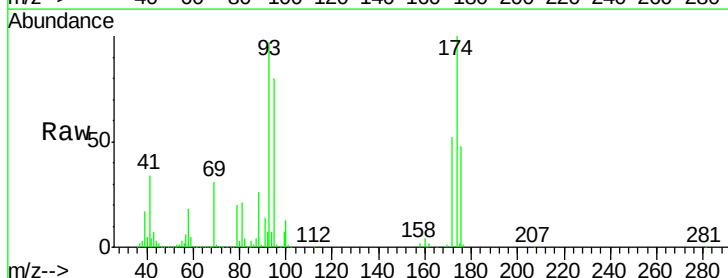
Tgt Ion: 93 Resp: 209546

Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 109.1 89.1 133.7



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

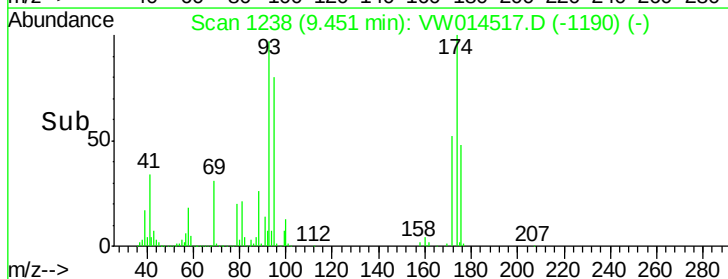
150000

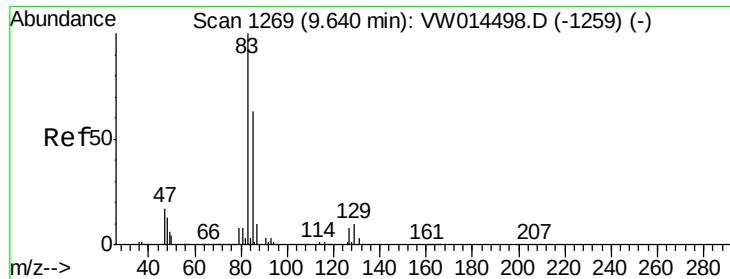
100000

50000

0

Time--> 9.35 9.40 9.45 9.50 9.55

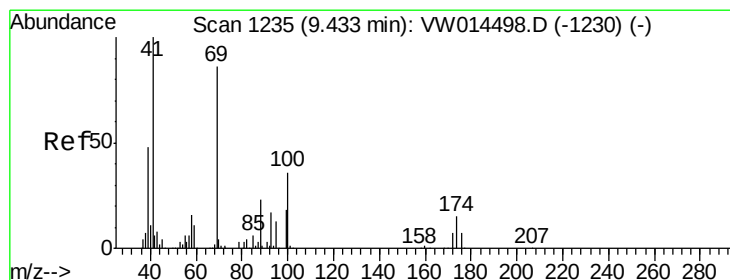
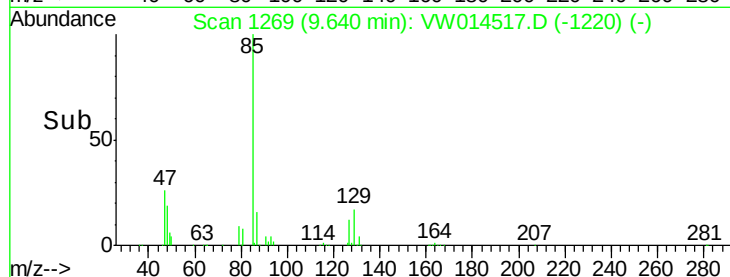
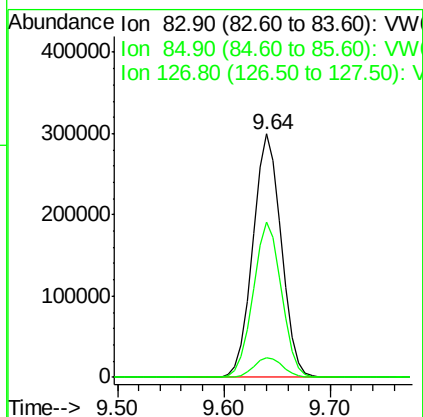
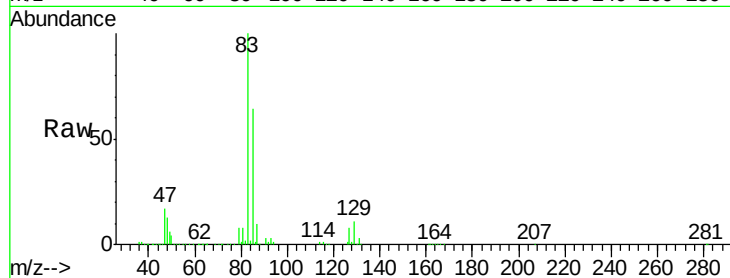




#47
 Bromodichloromethane
 Concen: 52.557 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

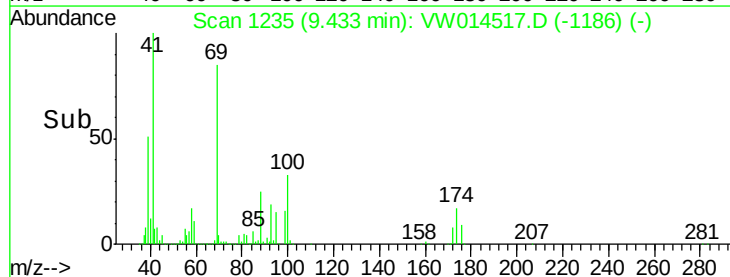
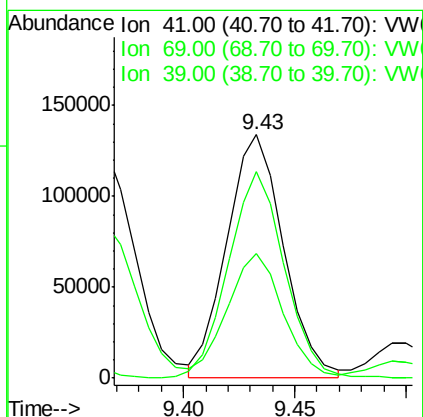
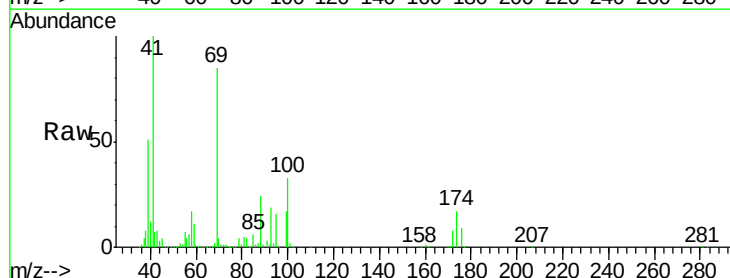
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

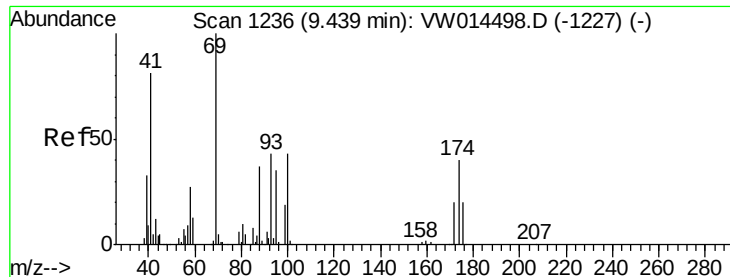
Tgt Ion: 83 Resp: 559618
 Ion Ratio Lower Upper
 83 100
 85 64.0 50.6 76.0
 127 7.8 6.6 9.8



#48
 Methyl methacrylate
 Concen: 46.908 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion: 41 Resp: 237337
 Ion Ratio Lower Upper
 41 100
 69 84.3 68.3 102.5
 39 47.1 36.8 55.2





#49

1,4-Dioxane

Concen: 955.454 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

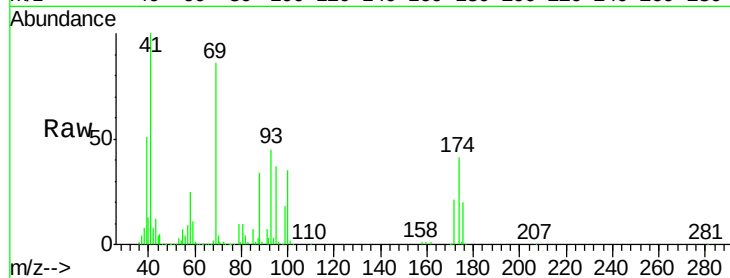
Tgt Ion: 88 Resp: 77072

Ion Ratio Lower Upper

88 100

43 31.8 24.9 37.3

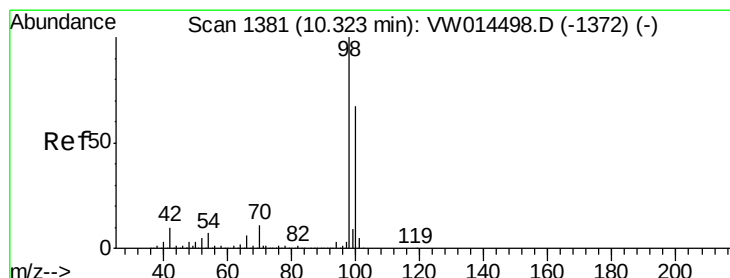
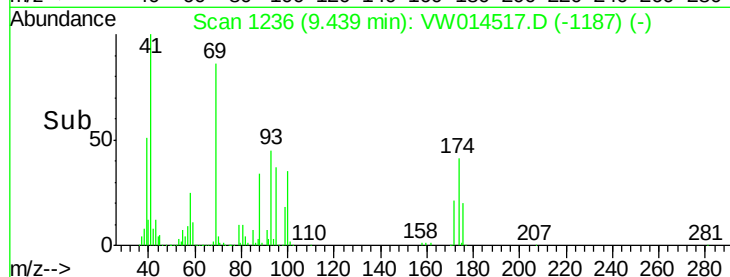
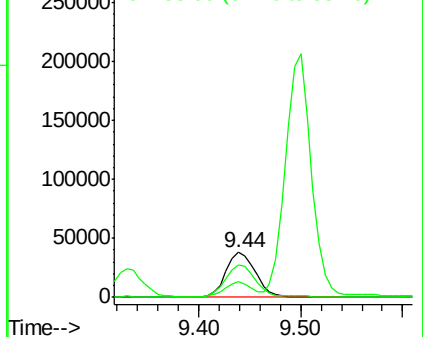
58 76.2 56.9 85.3



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.119 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VW014517.D

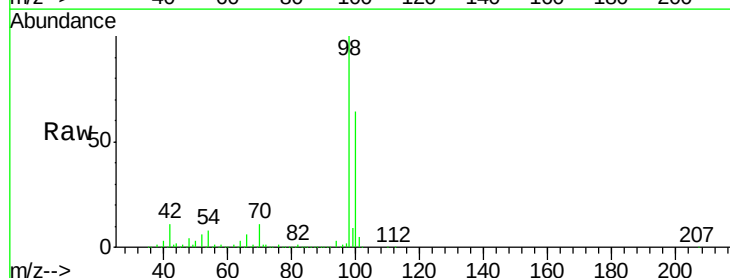
Acq: 06 Jan 2020 10:48

Tgt Ion: 98 Resp: 1622512

Ion Ratio Lower Upper

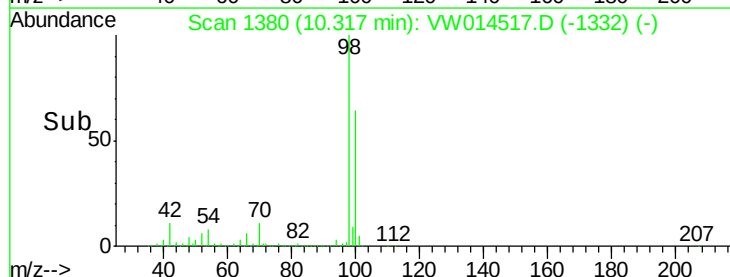
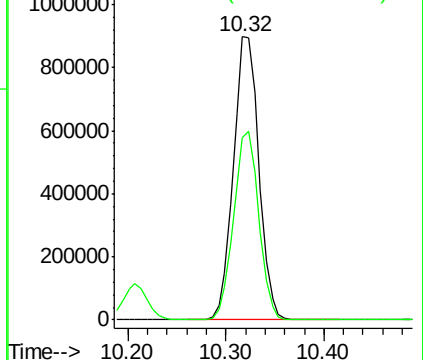
98 100

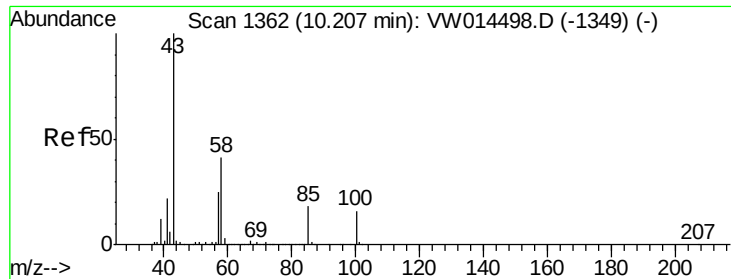
100 65.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 225.491 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

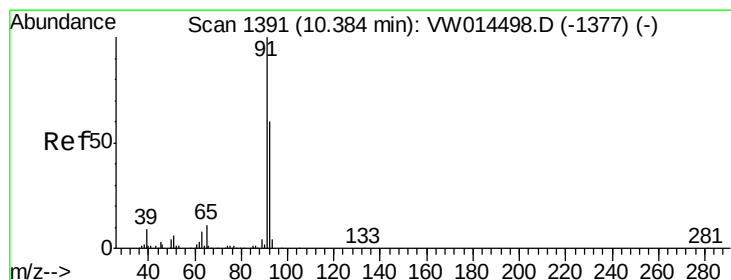
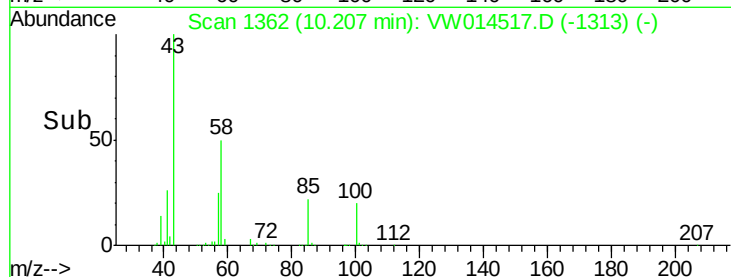
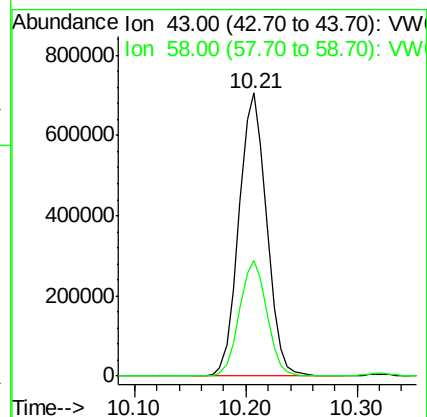
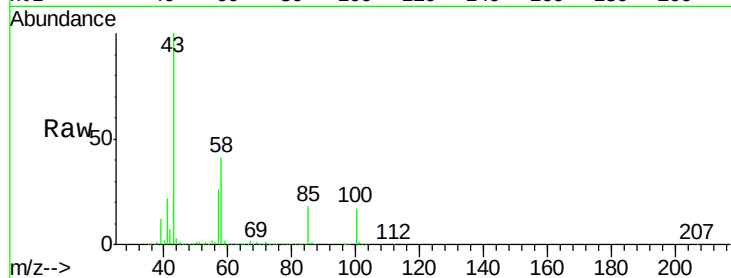
VSTDCCC050

Tgt Ion: 43 Resp: 1213474

Ion Ratio Lower Upper

43 100

58 40.4 32.7 49.1



#52

Toluene

Concen: 52.679 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014517.D

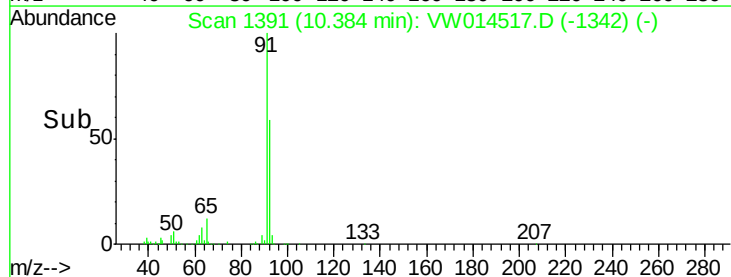
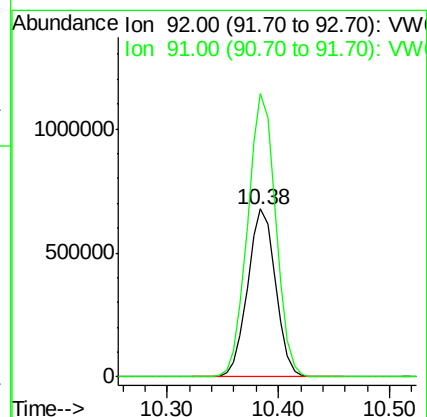
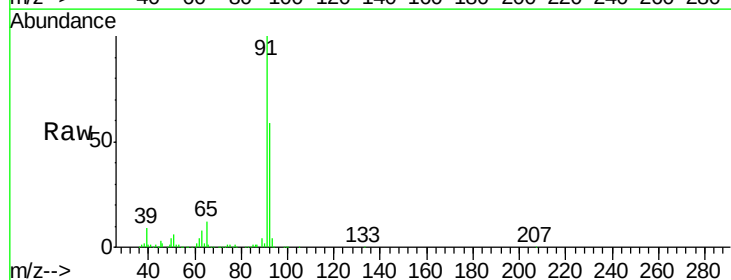
Acq: 06 Jan 2020 10:48

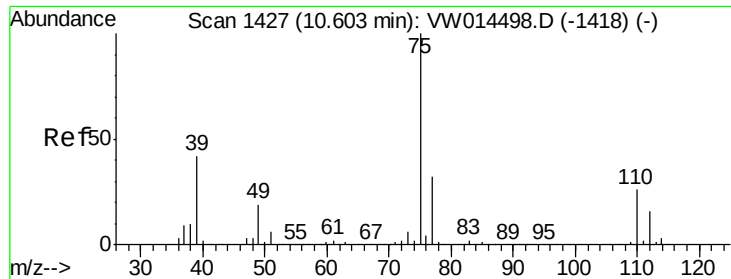
Tgt Ion: 92 Resp: 1179887

Ion Ratio Lower Upper

92 100

91 169.5 134.1 201.1

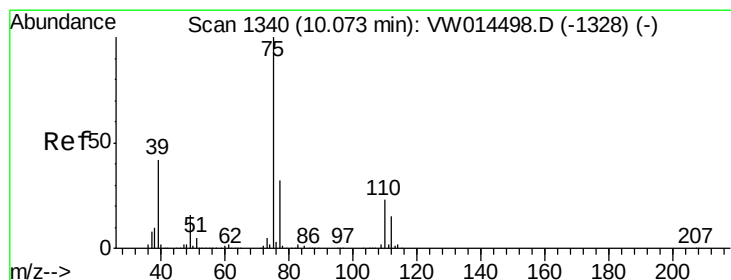
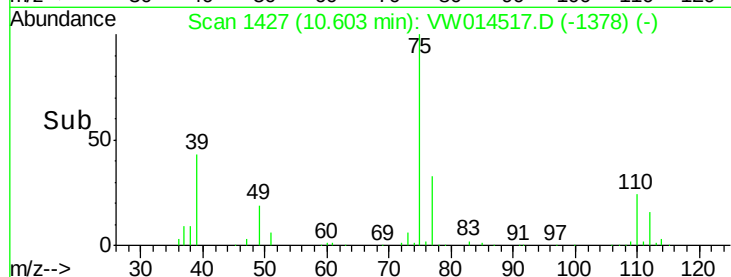
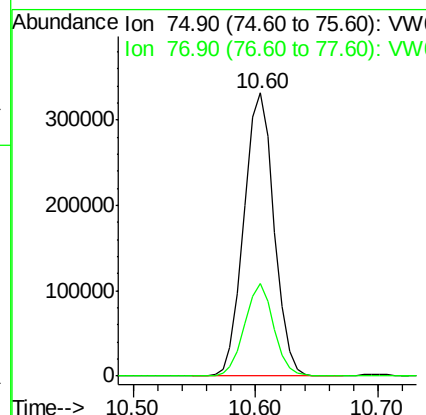
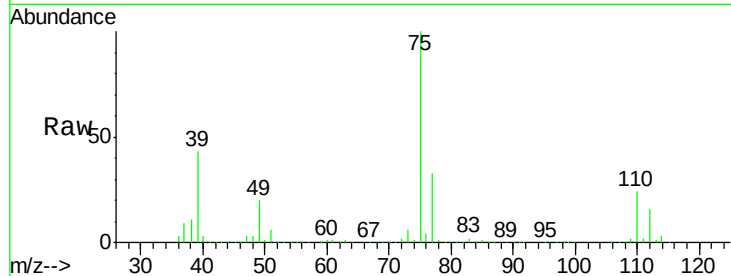




#53
t-1,3-Dichloropropene
Concen: 51.445 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

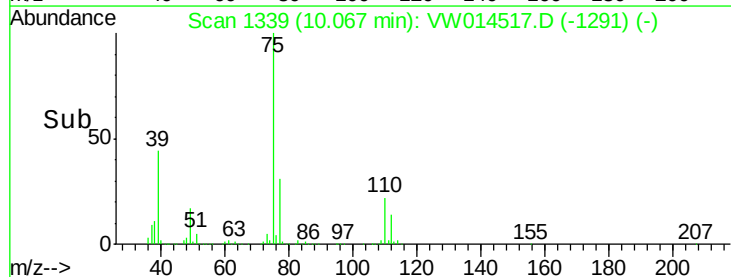
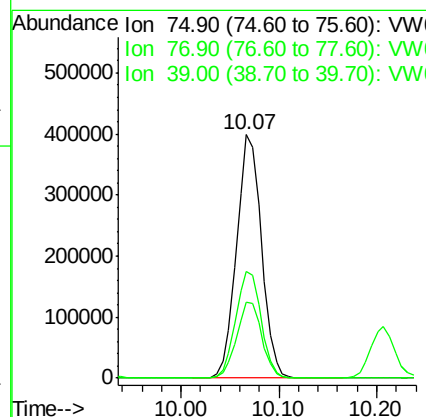
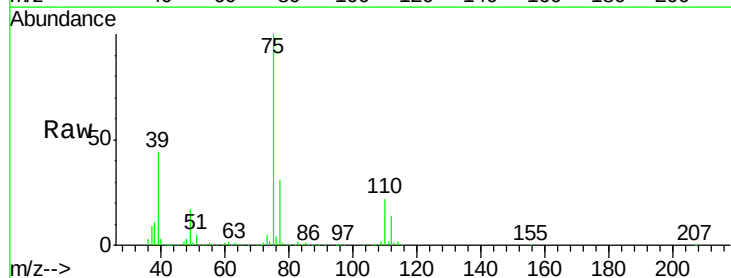
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

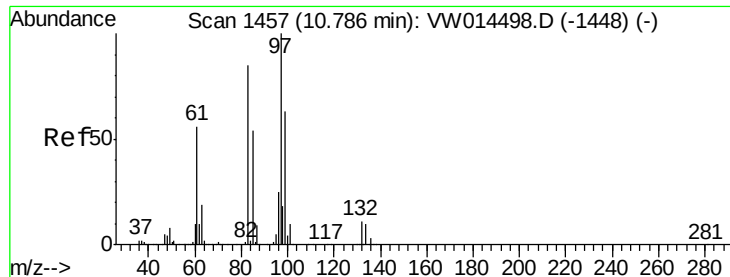
Tgt Ion: 75 Resp: 567159
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.358 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 75 Resp: 705480
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 44.0 33.4 50.2

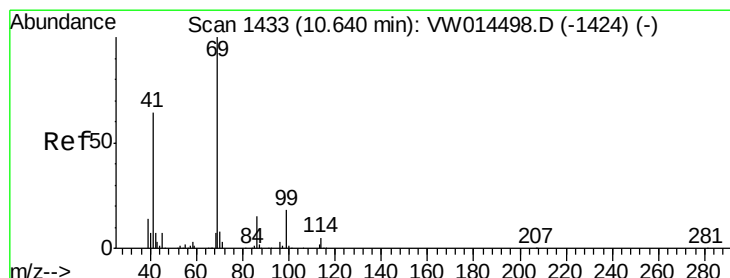
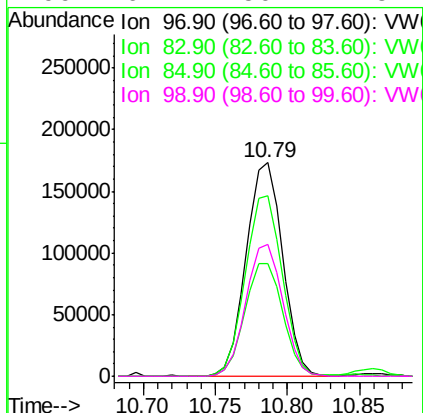
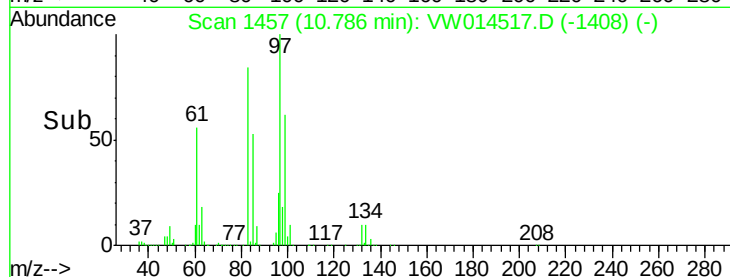
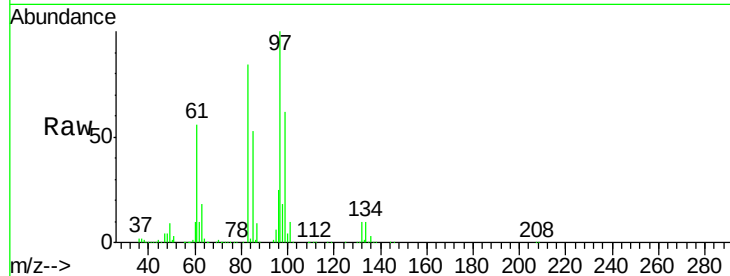




#55
 1,1,2-Trichloroethane
 Concen: 48.238 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

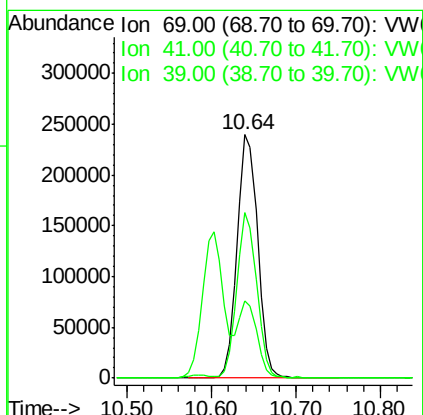
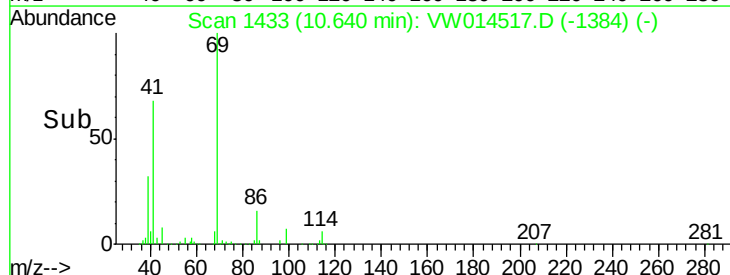
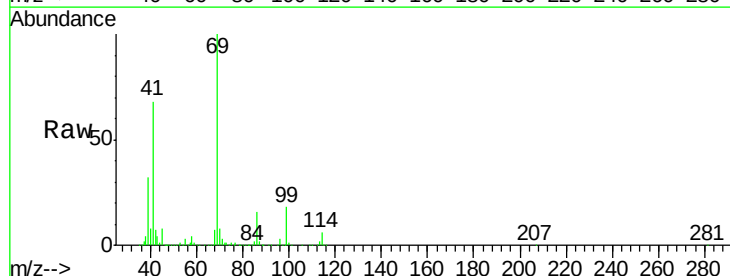
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

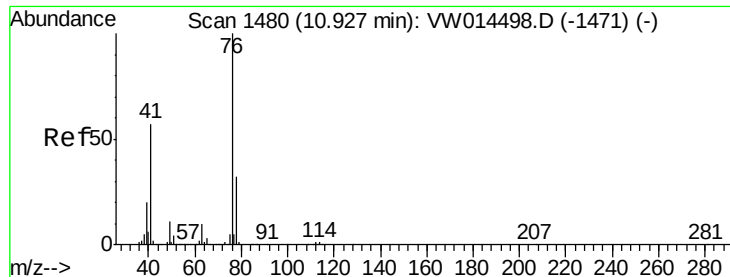
Tgt Ion:	97	Resp:	303845
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.2	102.4
85	53.0	43.0	64.4
99	61.7	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 48.086 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion:	69	Resp:	393632
Ion	Ratio	Lower	Upper
69	100		
41	65.8	51.3	76.9
39	27.2	21.0	31.6





#57

1,3-Dichloropropane

Concen: 49.365 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

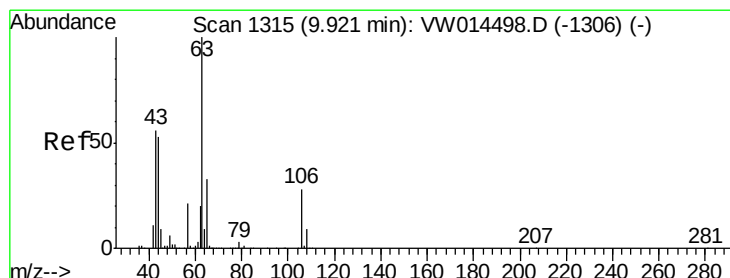
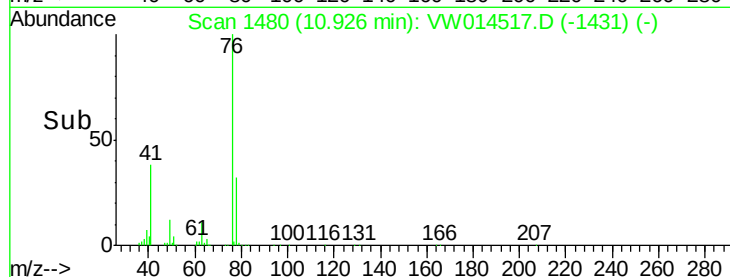
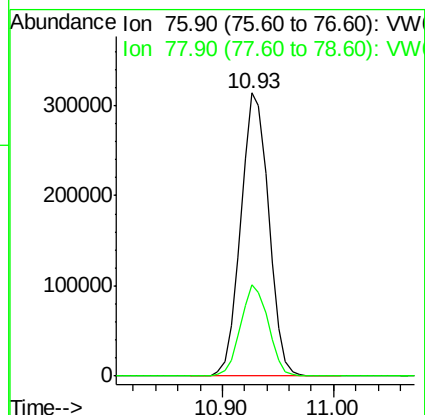
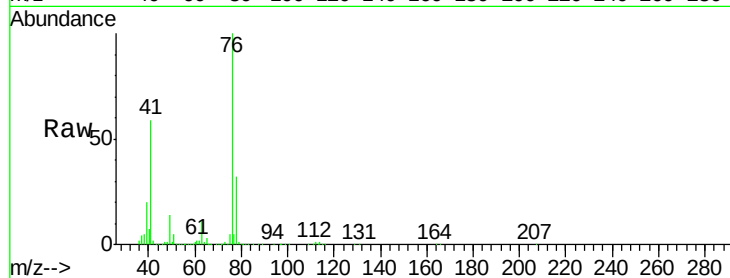
VSTDCCC050

Tgt Ion: 76 Resp: 546496

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 237.561 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014517.D

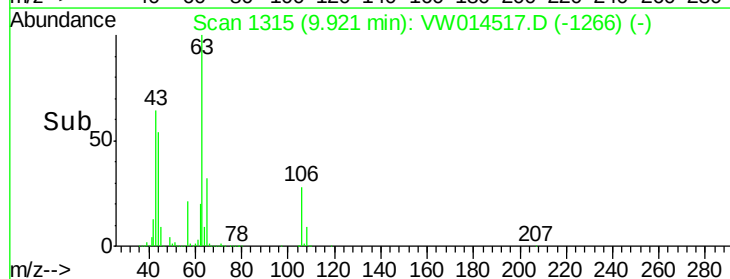
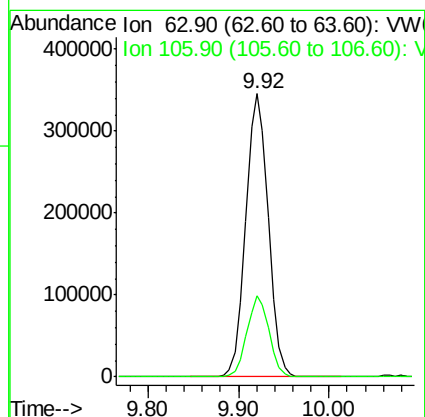
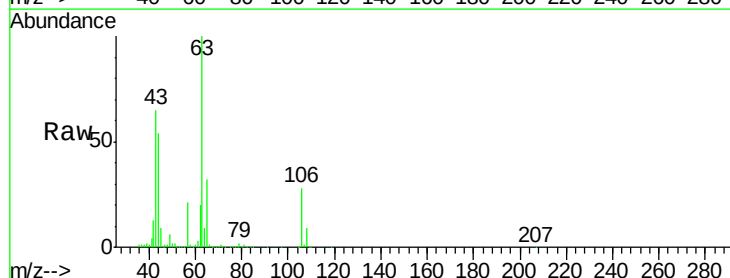
Acq: 06 Jan 2020 10:48

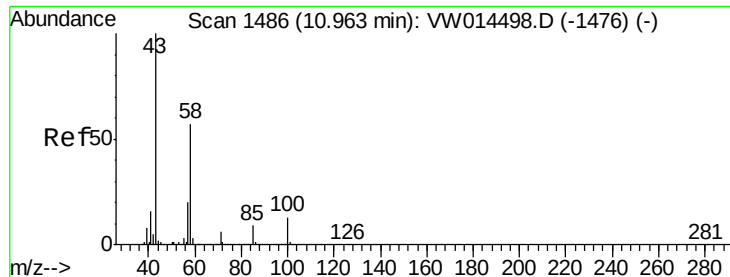
Tgt Ion: 63 Resp: 591437

Ion Ratio Lower Upper

63 100

106 28.0 23.0 34.6

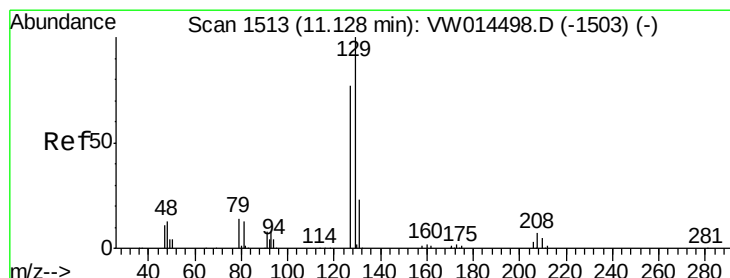
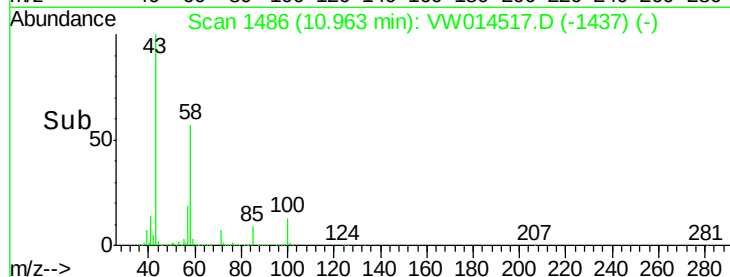
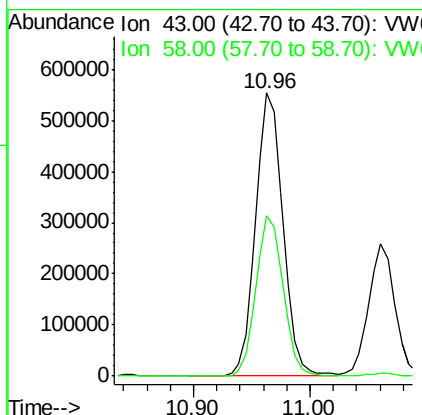
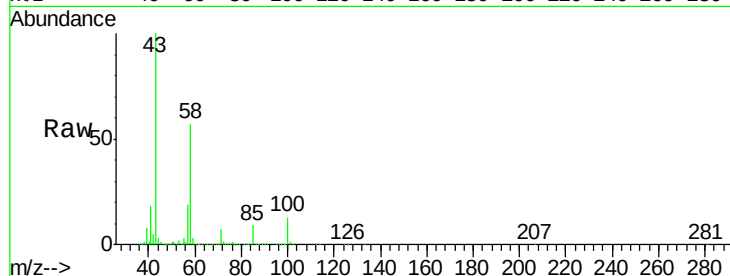




#59
2-Hexanone
Concen: 245.793 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

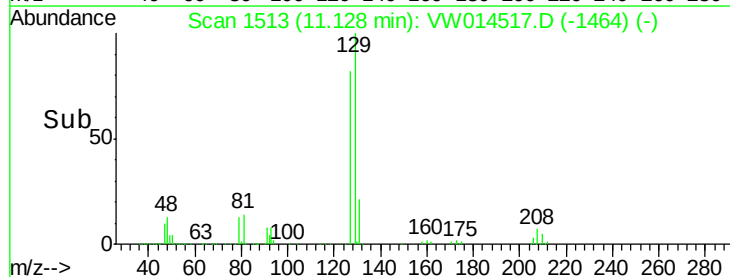
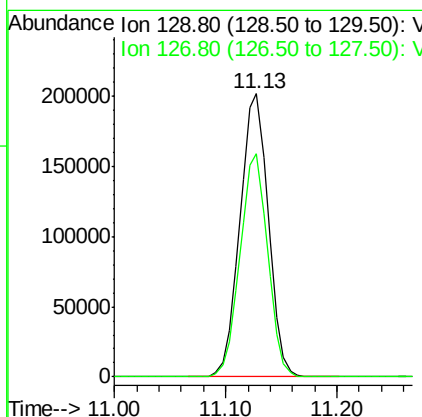
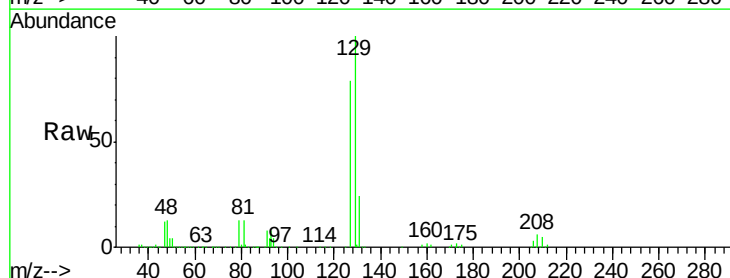
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

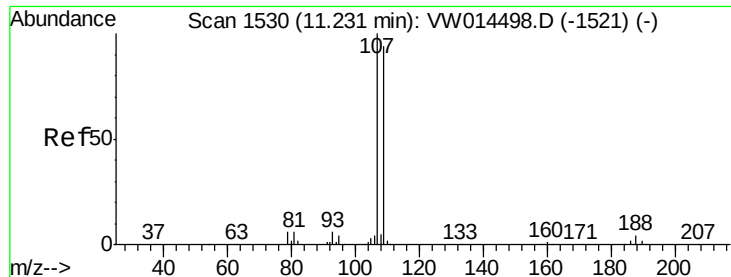
Tgt Ion: 43 Resp: 911478
Ion Ratio Lower Upper
43 100
58 56.5 28.7 86.3



#60
Dibromochloromethane
Concen: 50.214 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 129 Resp: 356872
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.5

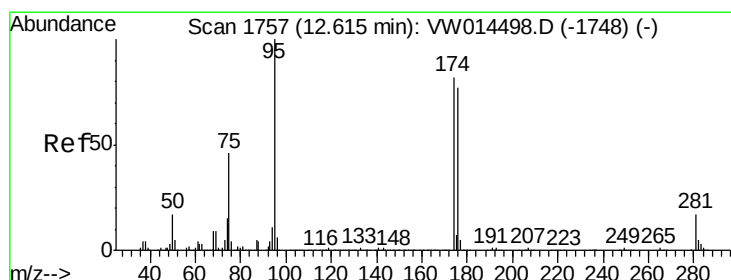
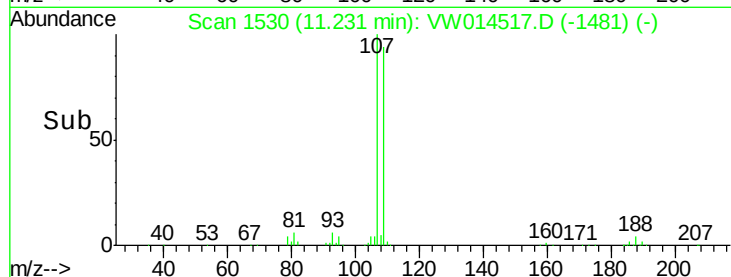
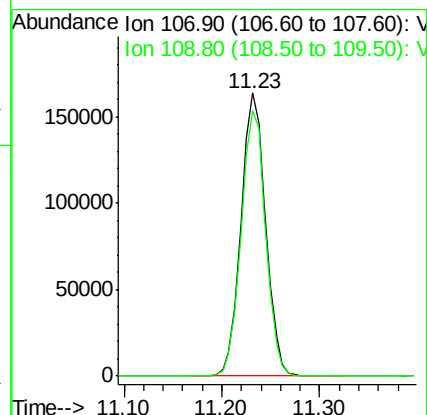
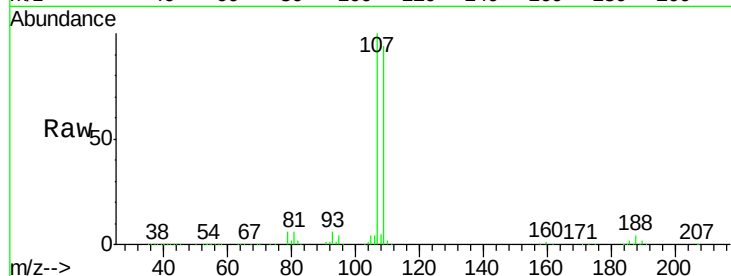




#61
 1,2-Dibromoethane
 Concen: 47.557 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

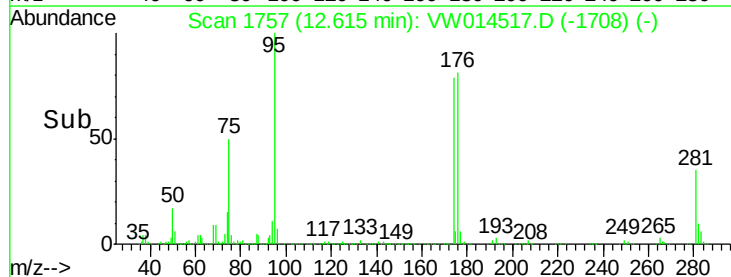
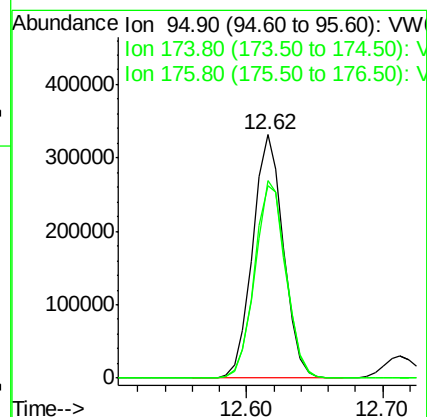
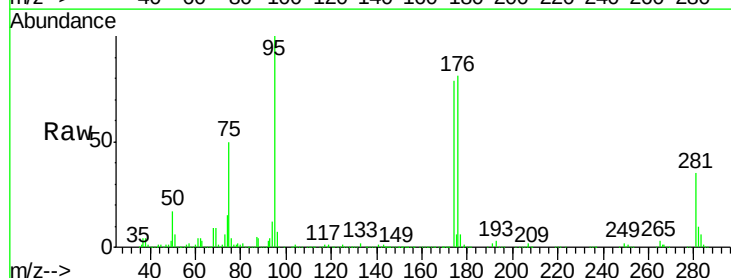
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

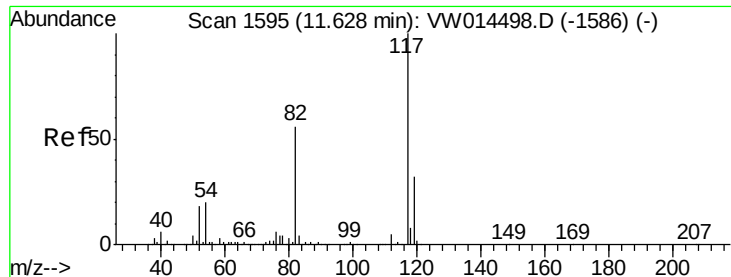
Tgt Ion: 107 Resp: 284347
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.600 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion: 95 Resp: 523731
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 168.6
 176 81.9 0.0 162.0

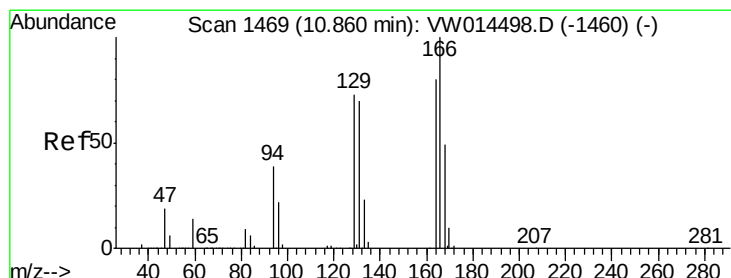
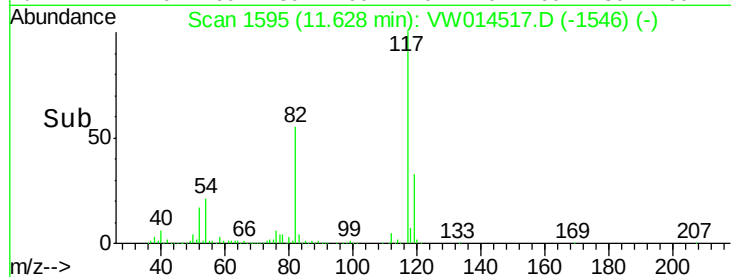
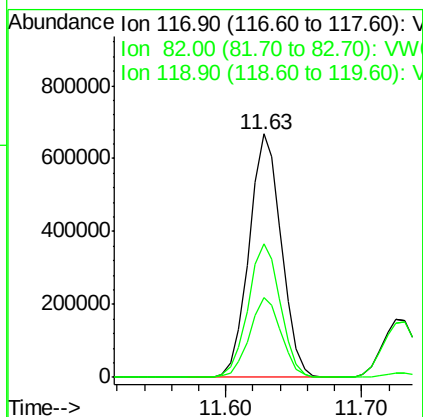
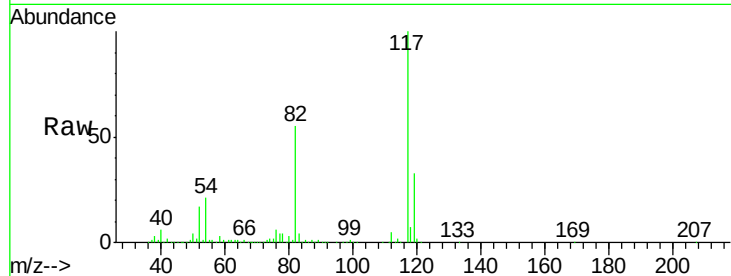




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

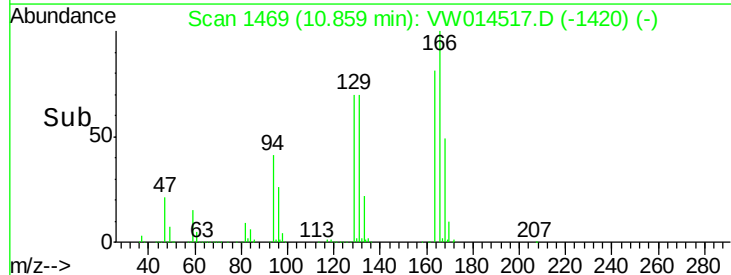
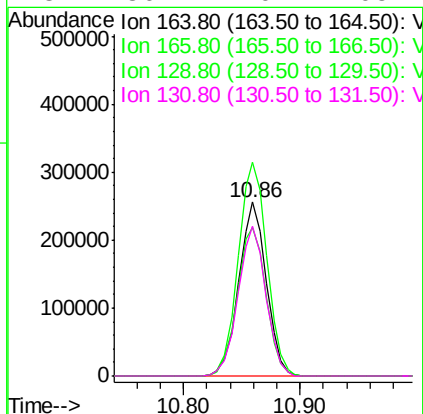
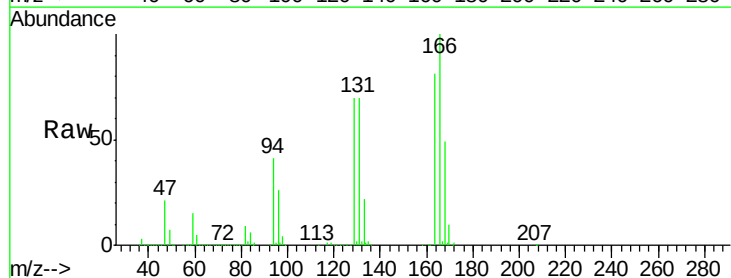
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

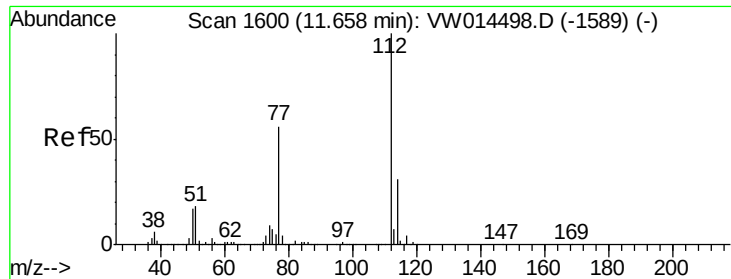
Tgt Ion:117 Resp: 1110640
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 52.267 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion:164 Resp: 420262
Ion Ratio Lower Upper
164 100
166 123.0 99.8 149.6
129 85.9 72.4 108.6
131 86.4 70.1 105.1

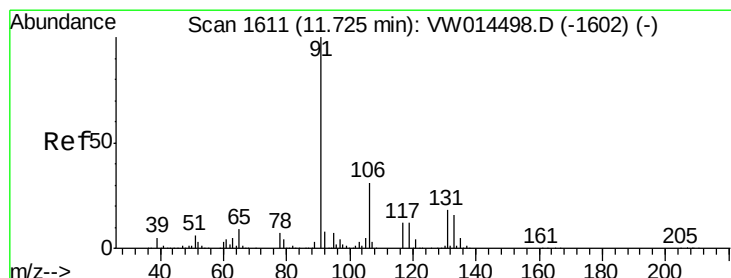
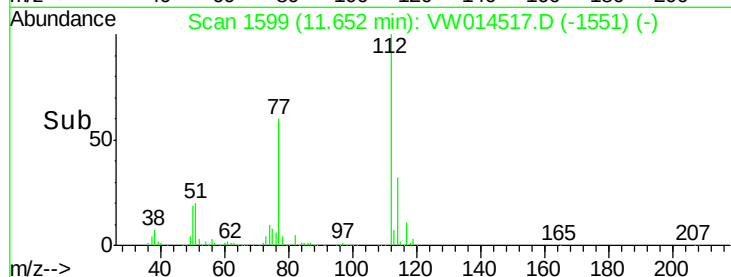
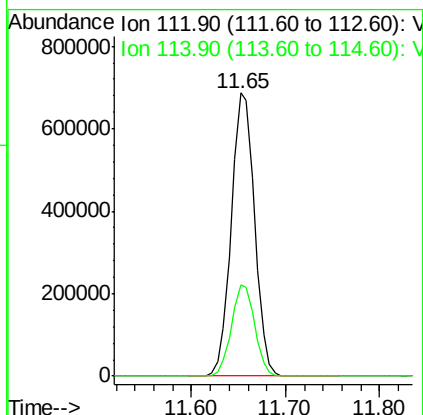
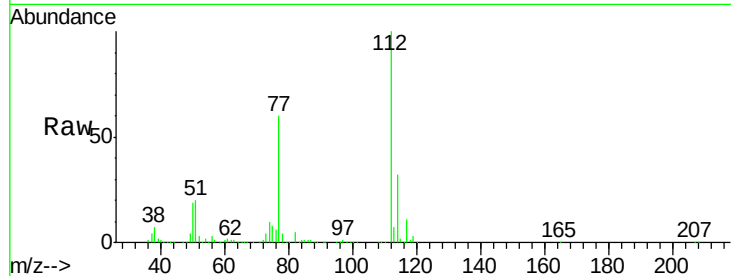




#65
Chlorobenzene
Concen: 51.690 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

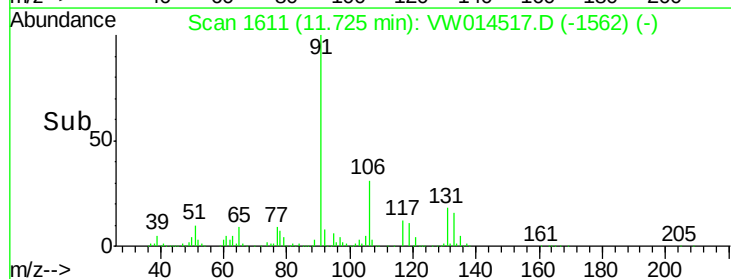
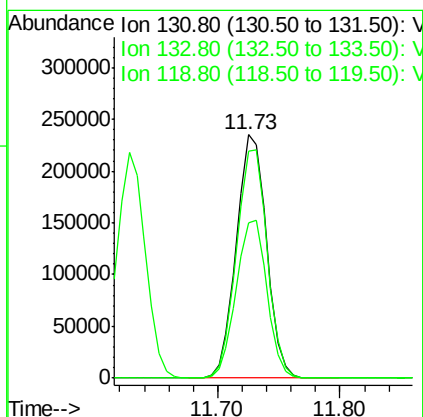
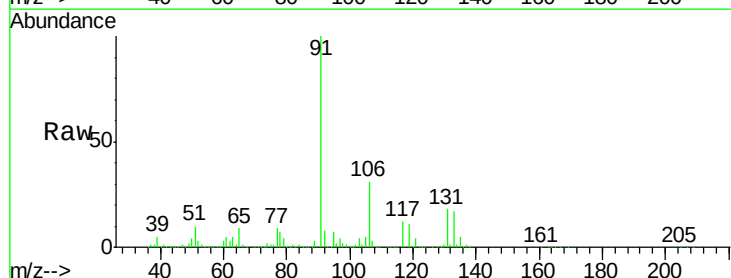
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

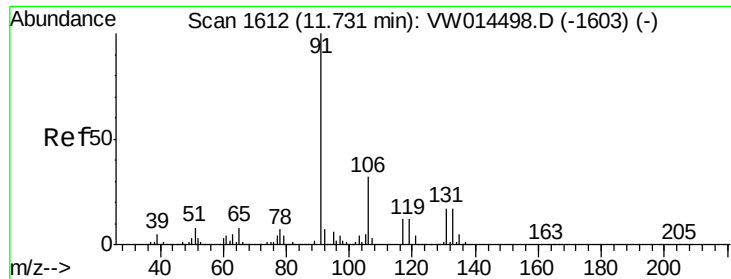
Tgt Ion:112 Resp: 1176133
Ion Ratio Lower Upper
112 100
114 32.3 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.542 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion:131 Resp: 402529
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 66.1 33.1 99.3





#67

Ethyl Benzene

Concen: 54.189 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

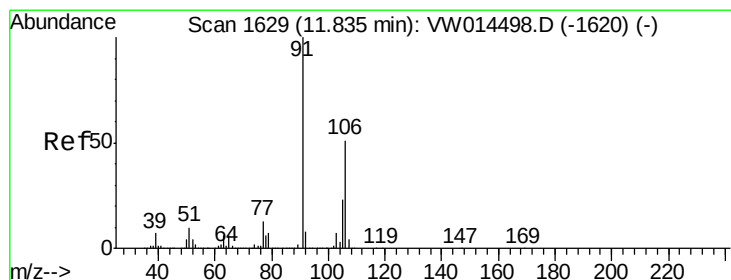
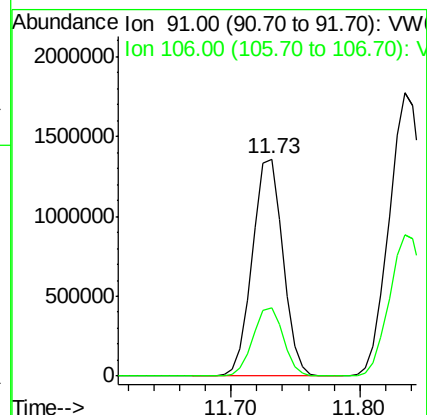
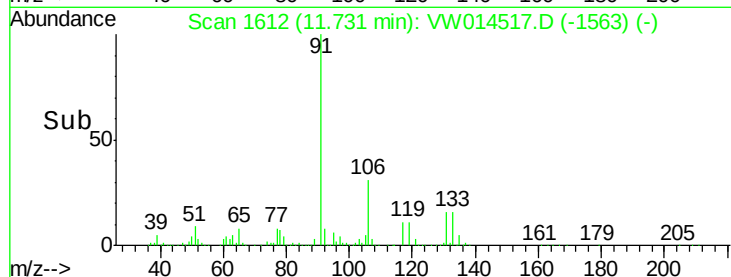
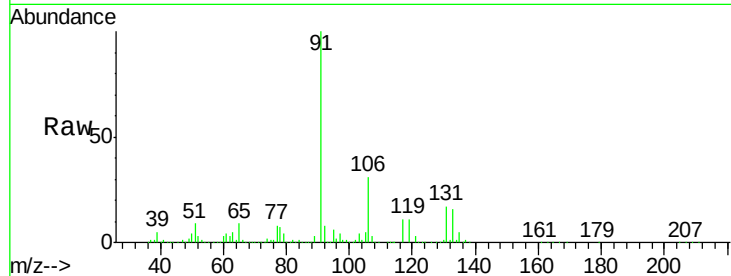
VSTDCCC050

Tgt Ion: 91 Resp: 2222035

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 107.765 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014517.D

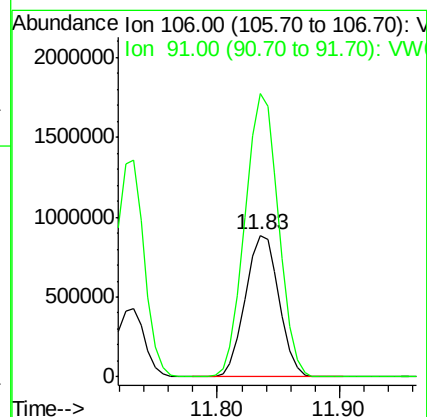
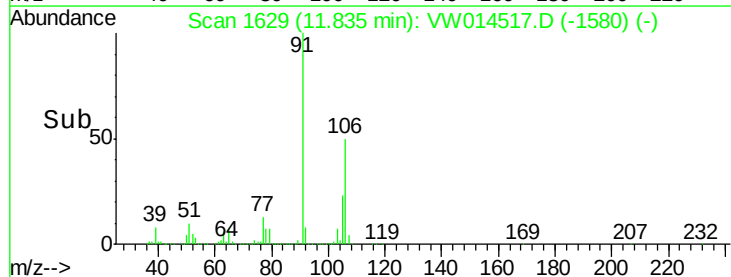
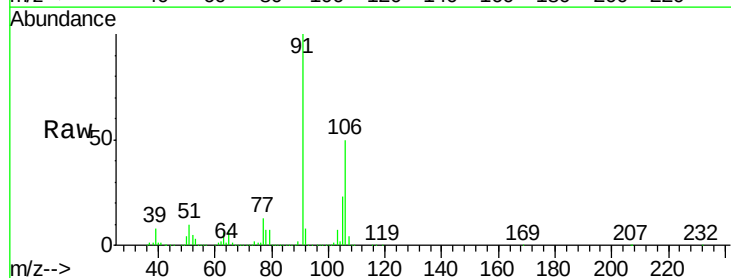
Acq: 06 Jan 2020 10:48

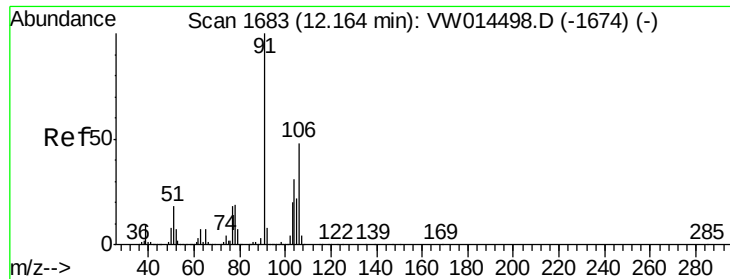
Tgt Ion: 106 Resp: 1691236

Ion Ratio Lower Upper

106 100

91 199.1 159.0 238.6

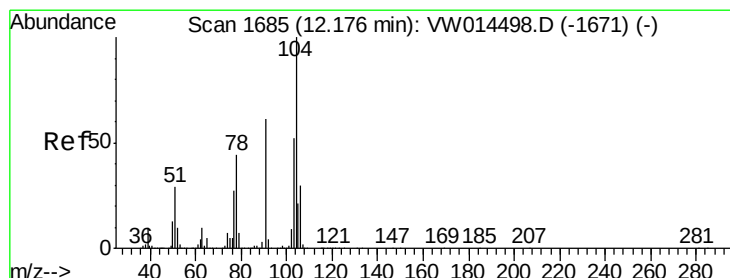
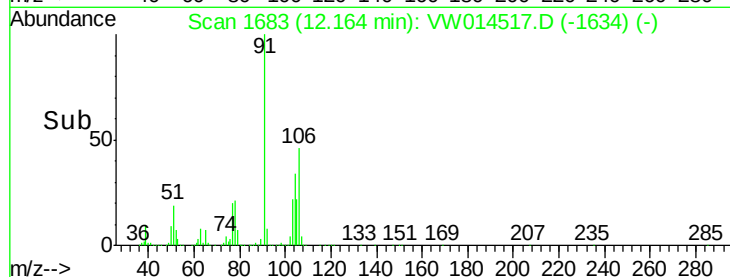
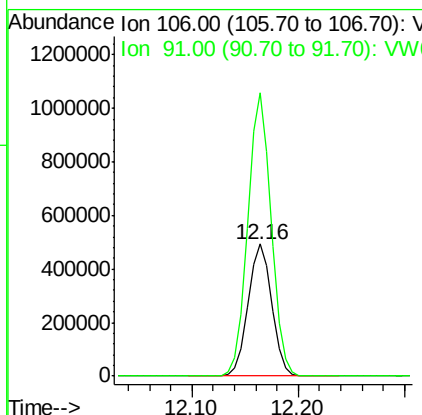
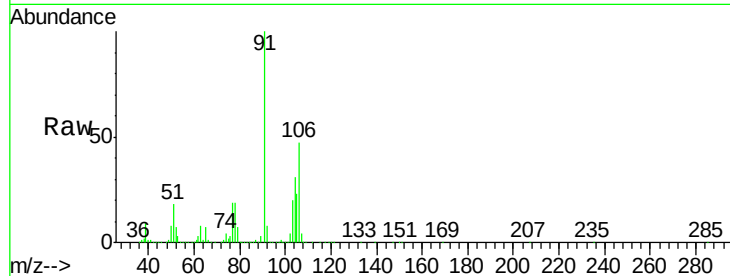




#69
o-Xylene
Concen: 53.135 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

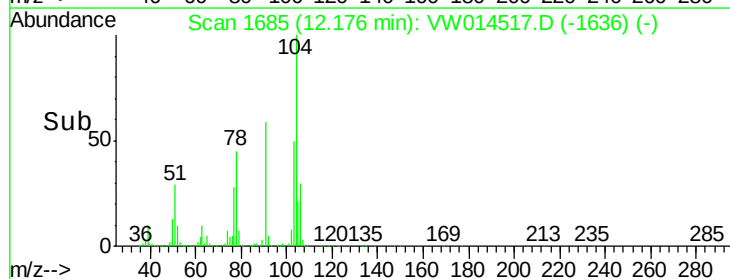
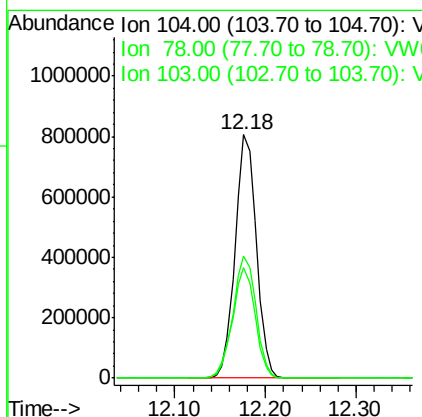
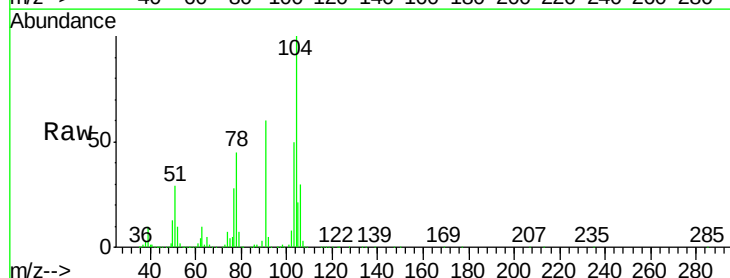
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

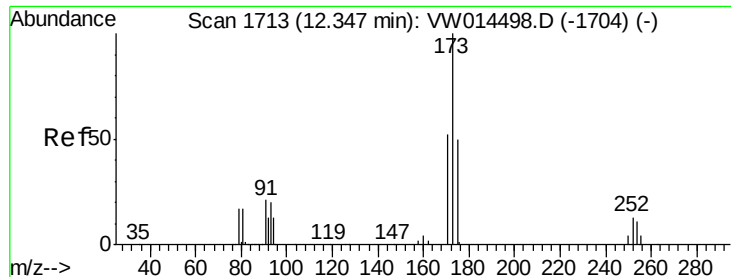
Tgt Ion:106 Resp: 770270
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.6



#70
Styrene
Concen: 53.593 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion:104 Resp: 1314094
Ion Ratio Lower Upper
104 100
78 48.6 38.4 57.6
103 54.1 43.7 65.5

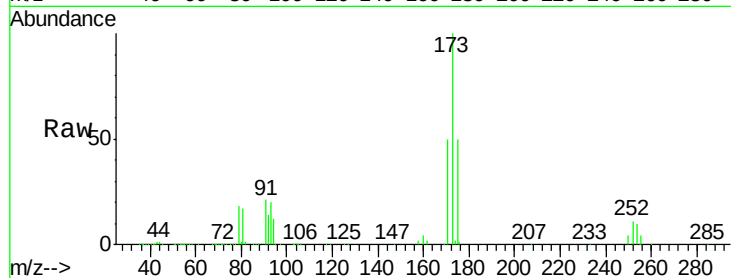




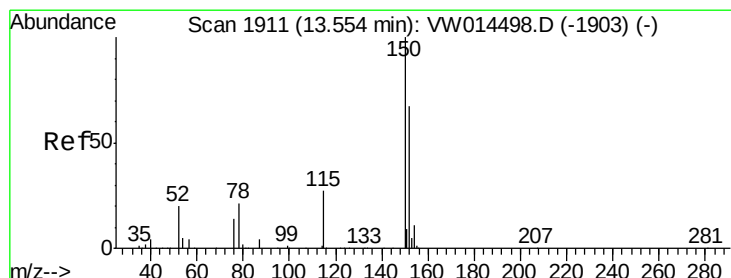
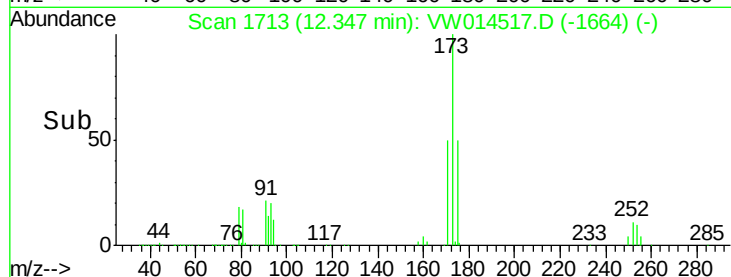
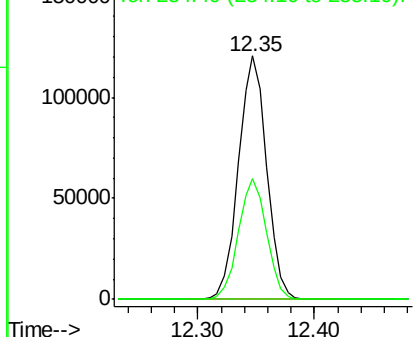
#71
Bromoform
Concen: 48.531 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 202801
Ion Ratio Lower Upper
173 100
175 49.6 24.5 73.5
254 0.1 0.0 0.0#

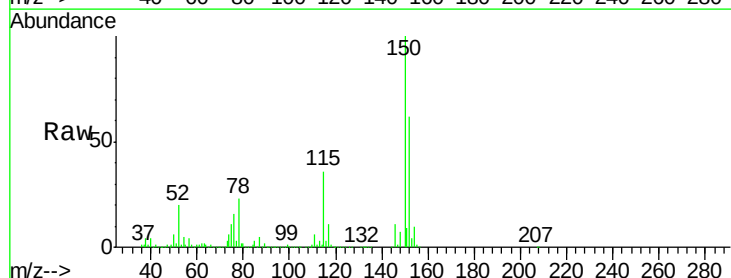


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

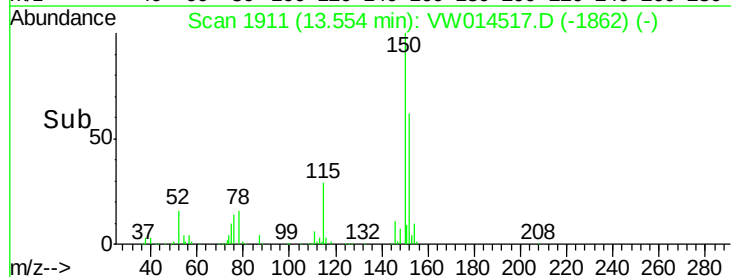
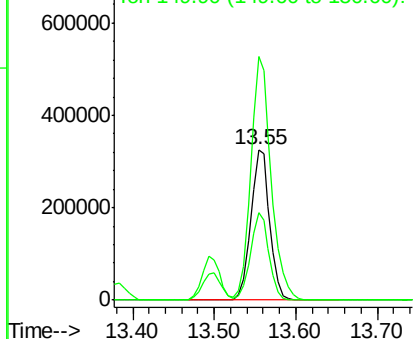


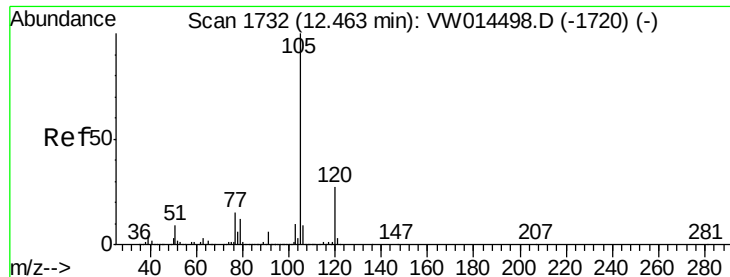
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion:152 Resp: 524593
Ion Ratio Lower Upper
152 100
115 56.6 27.7 83.1
150 174.6 0.0 343.4



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: 56.422 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

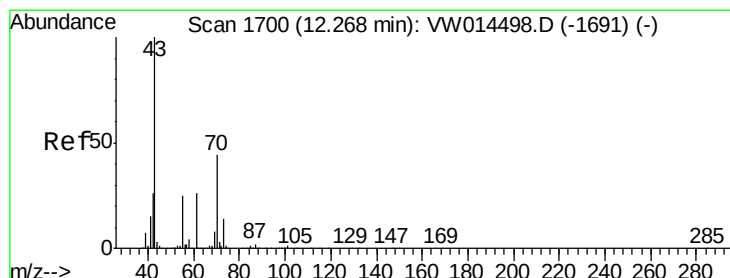
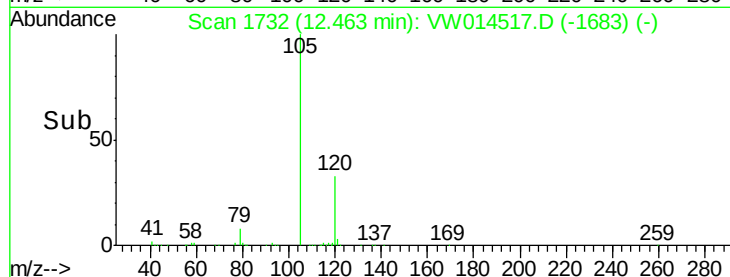
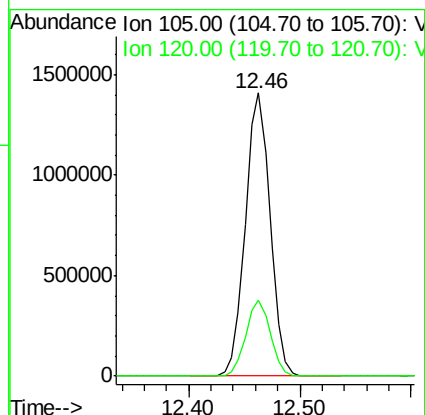
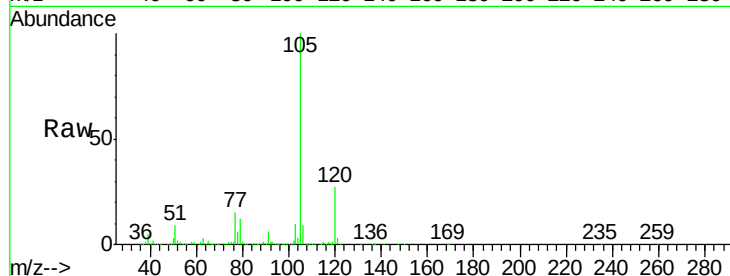
VSTDCCC050

Tgt Ion:105 Resp: 2171807

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 48.791 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion: 43 Resp: 421104

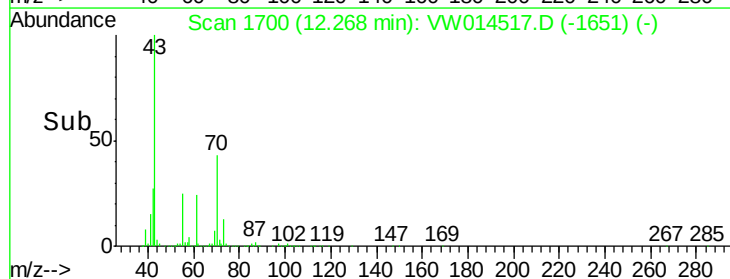
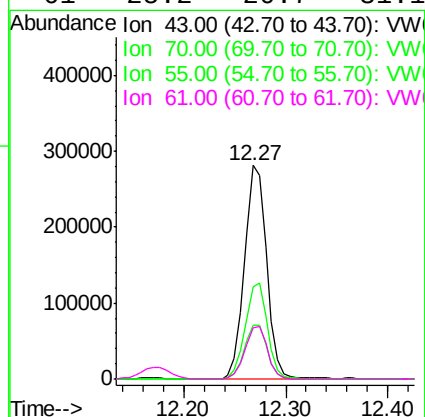
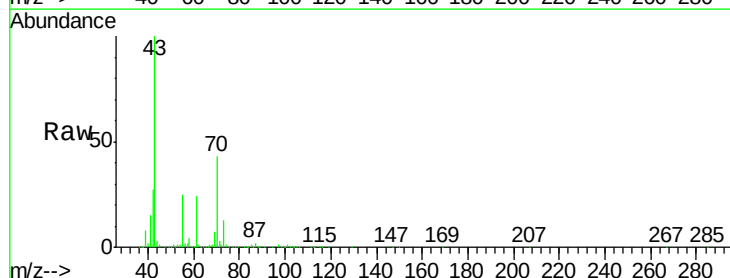
Ion Ratio Lower Upper

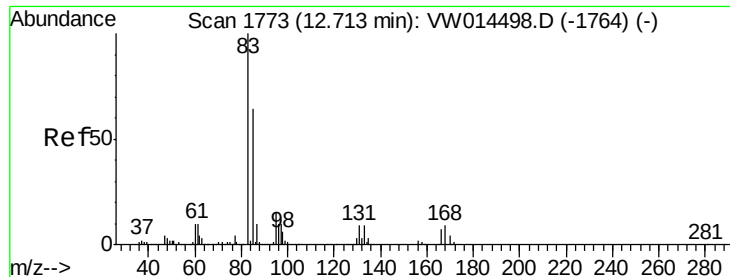
43 100

70 45.0 36.5 54.7

55 26.0 20.9 31.3

61 25.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.883 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

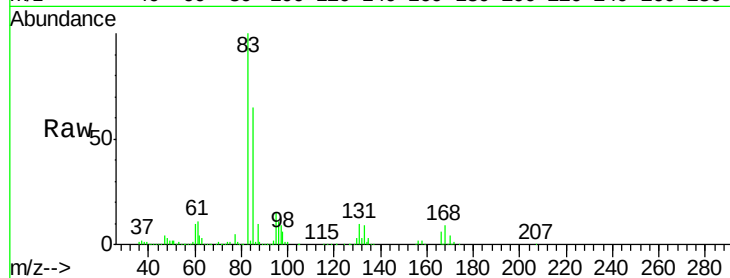
Tgt Ion: 83 Resp: 332674

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

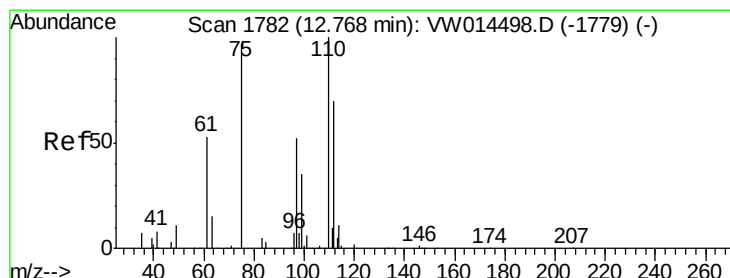
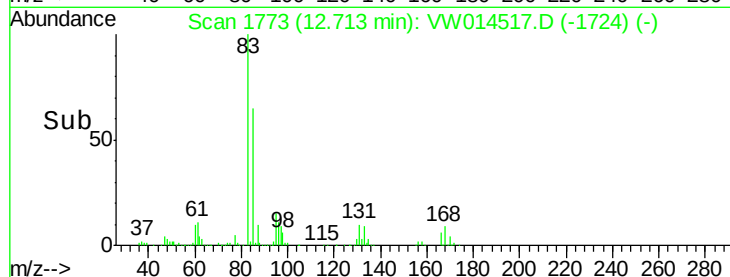
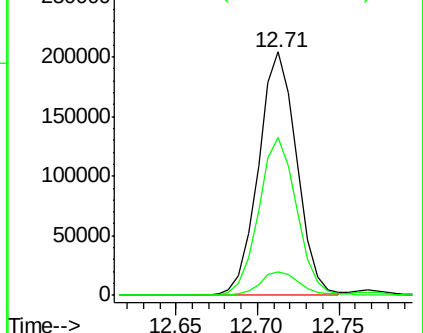
85 64.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 87.244 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014517.D

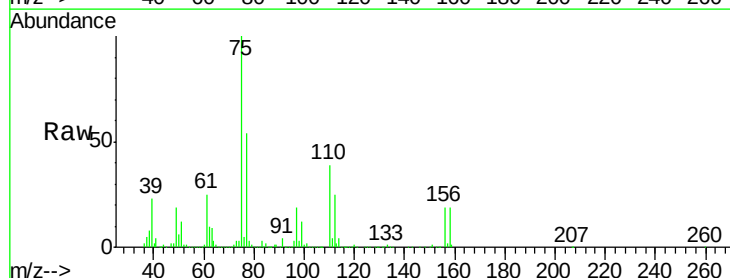
Acq: 06 Jan 2020 10:48

Tgt Ion: 75 Resp: 432725

Ion Ratio Lower Upper

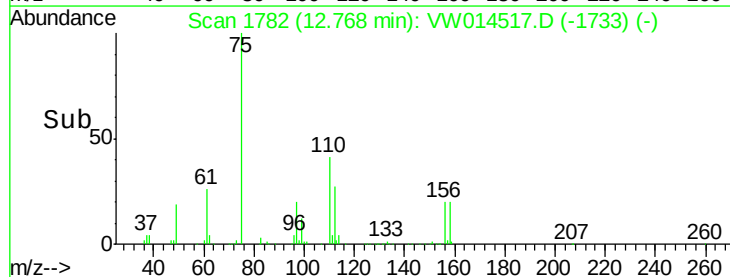
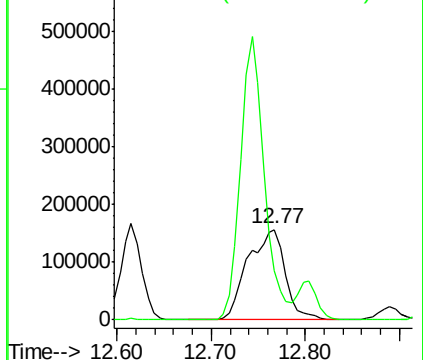
75 100

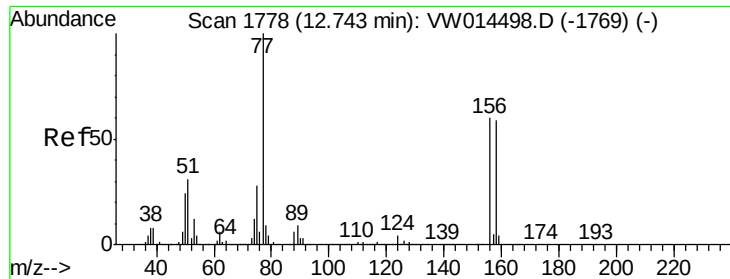
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.154 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

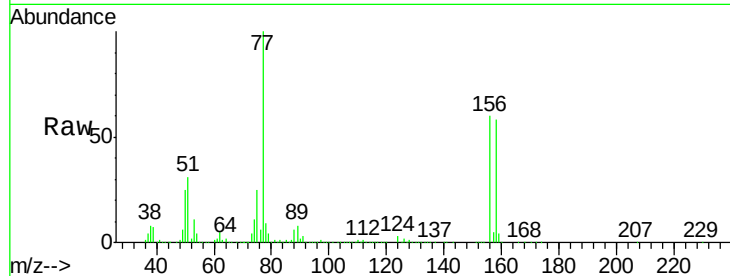
Tgt Ion:156 Resp: 475206

Ion Ratio Lower Upper

156 100

77 183.8 92.3 277.1

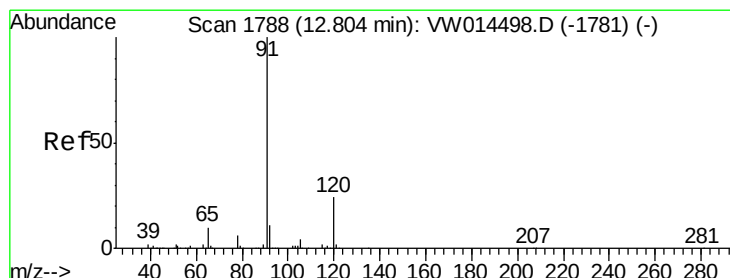
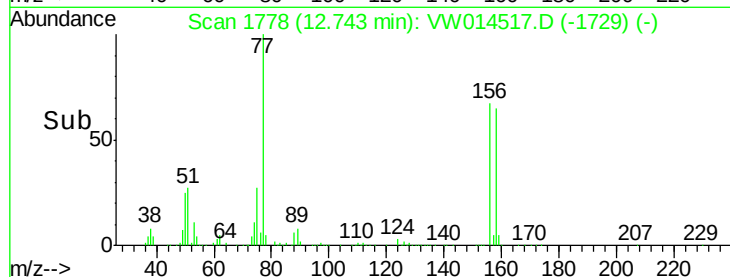
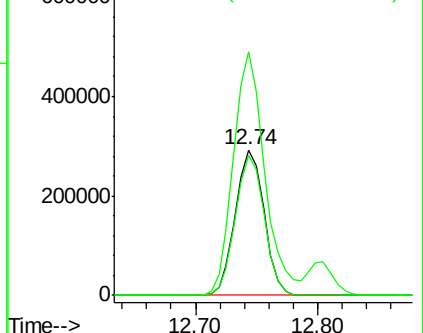
158 96.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.181 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014517.D

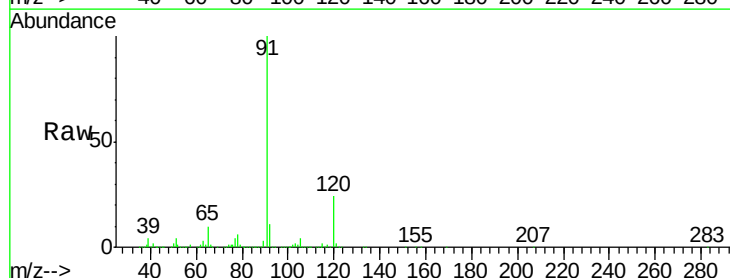
Acq: 06 Jan 2020 10:48

Tgt Ion: 91 Resp: 2588157

Ion Ratio Lower Upper

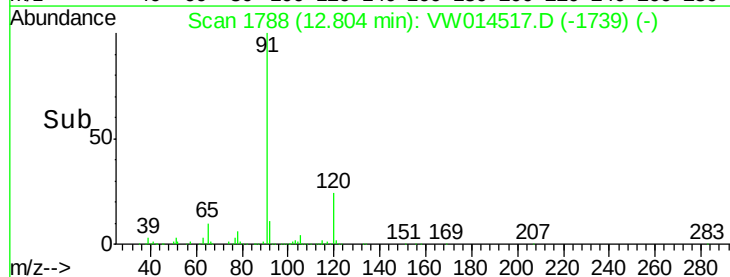
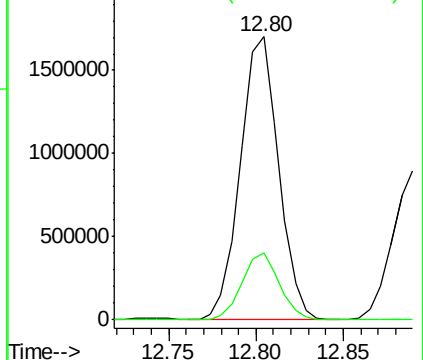
91 100

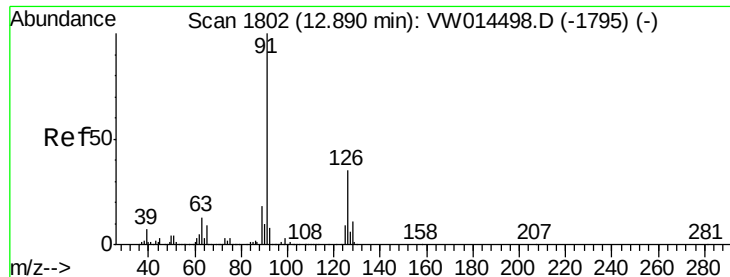
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.055 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampled :

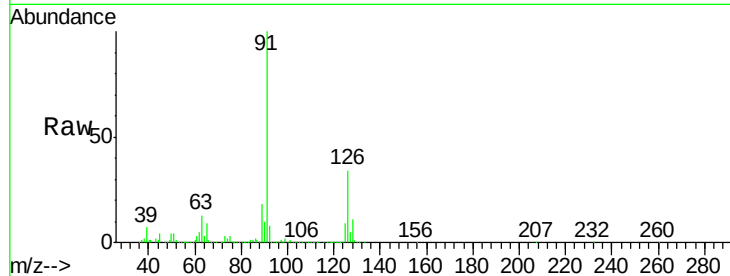
VSTDCCC050

Tgt Ion: 91 Resp: 1418098

Ion Ratio Lower Upper

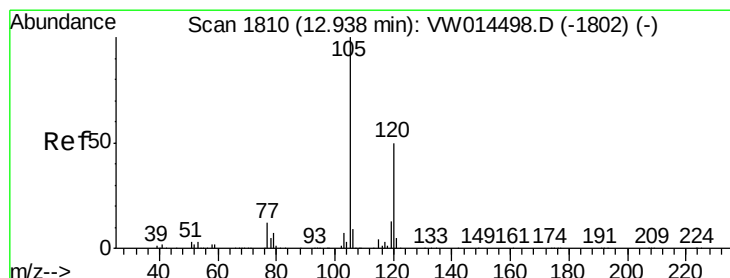
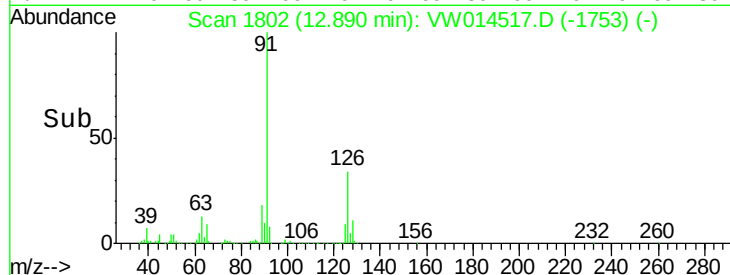
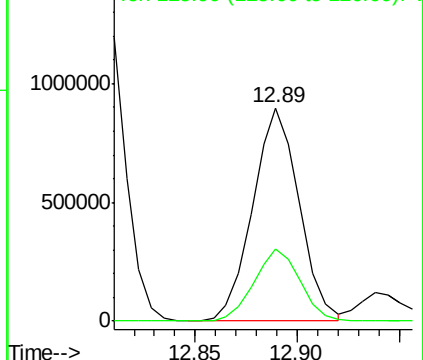
91 100

126 33.7 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.053 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014517.D

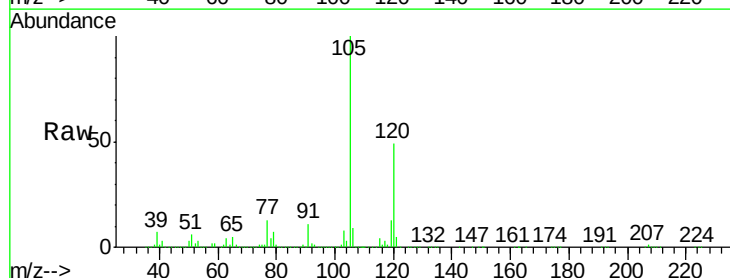
Acq: 06 Jan 2020 10:48

Tgt Ion: 105 Resp: 1779269

Ion Ratio Lower Upper

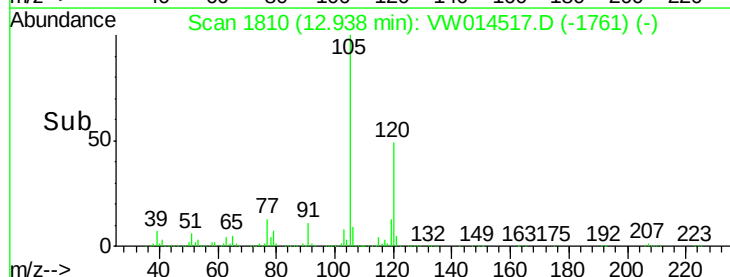
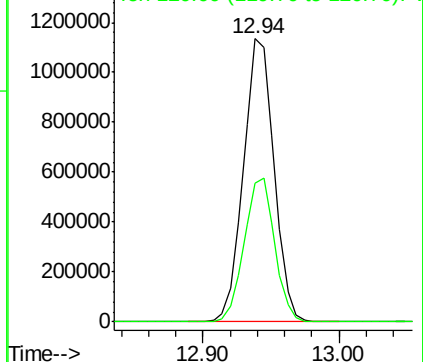
105 100

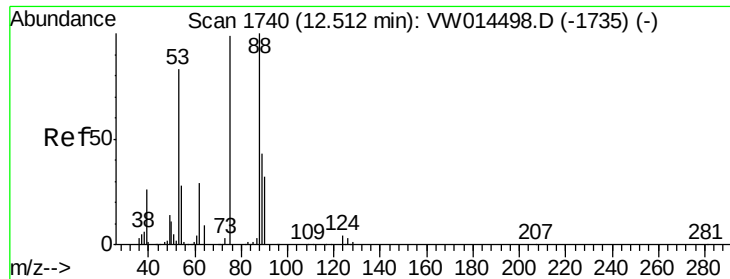
120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

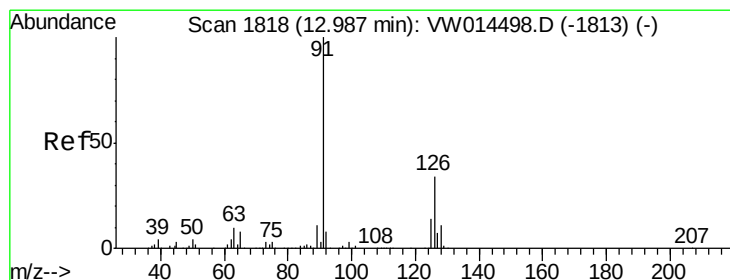
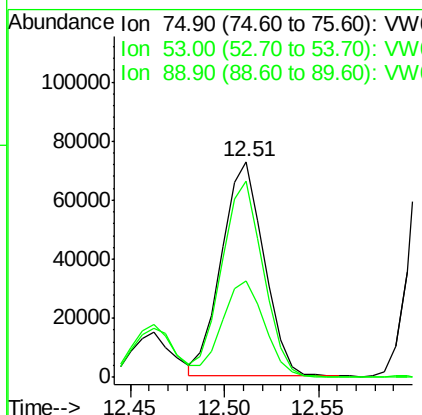
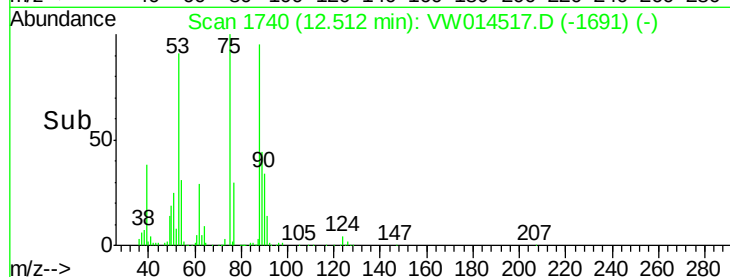
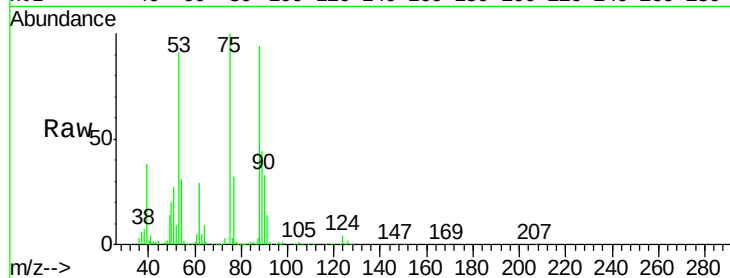




#81
trans-1,4-Dichloro-2-butene
Concen: 50.858 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

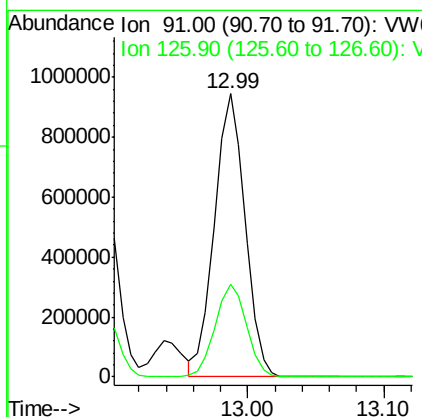
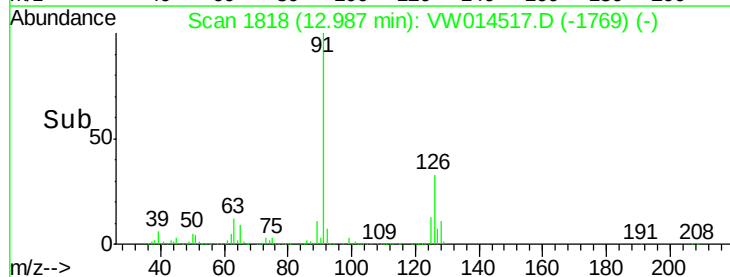
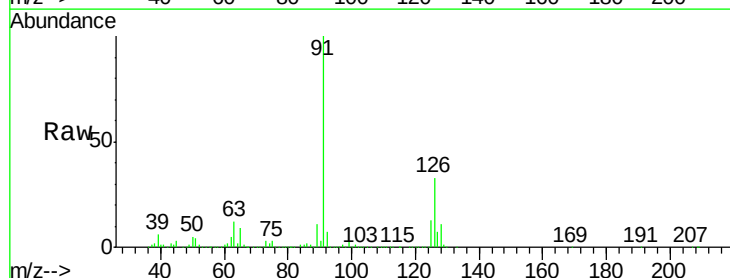
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

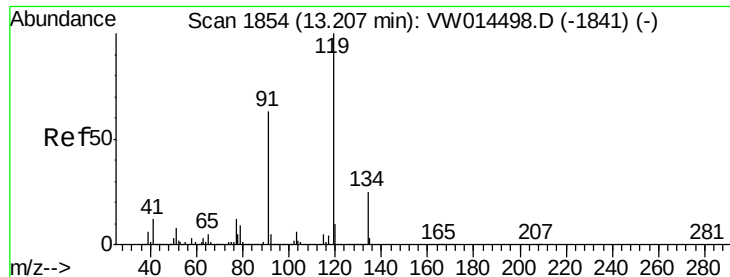
Tgt Ion: 75 Resp: 113217
Ion Ratio Lower Upper
75 100
53 90.4 70.9 106.3
89 46.0 35.8 53.8



#82
4-Chlorotoluene
Concen: 54.874 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 91 Resp: 1468487
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.2

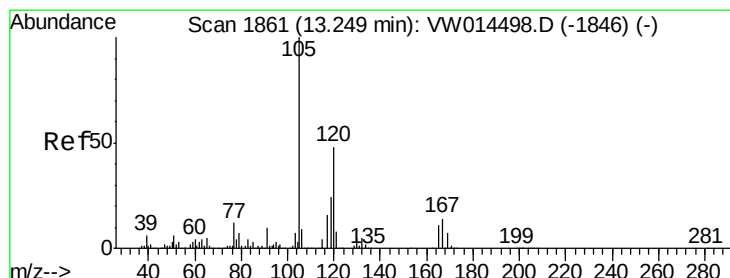
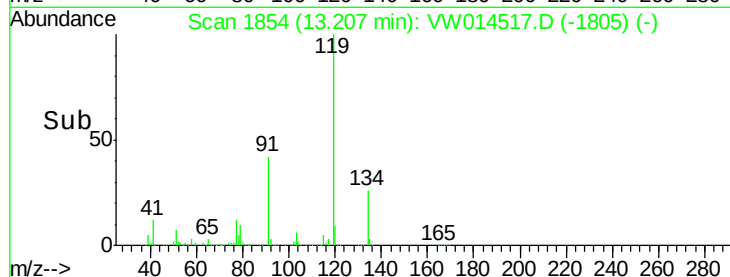
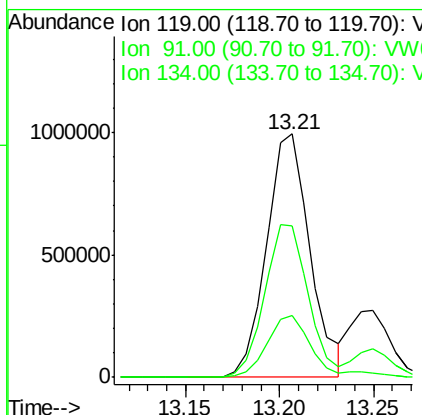
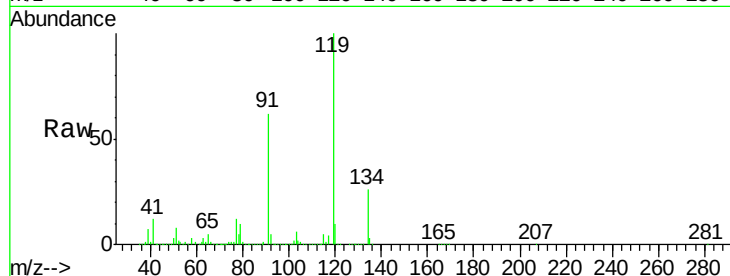




#83
 tert-Butylbenzene
 Concen: 56.354 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

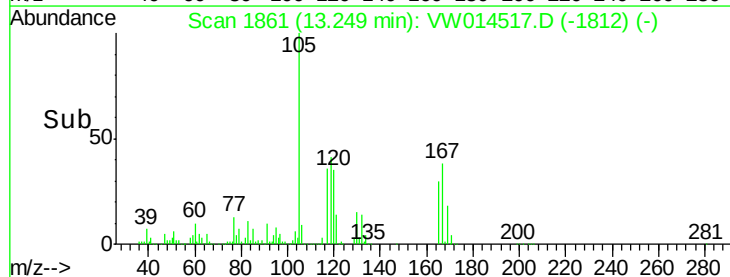
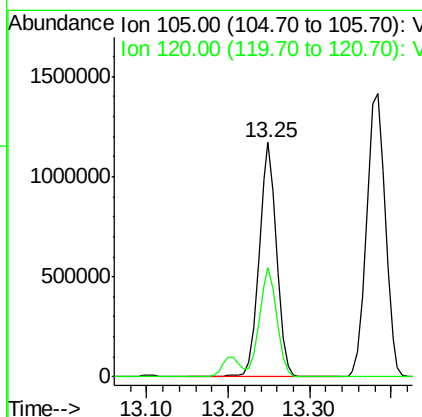
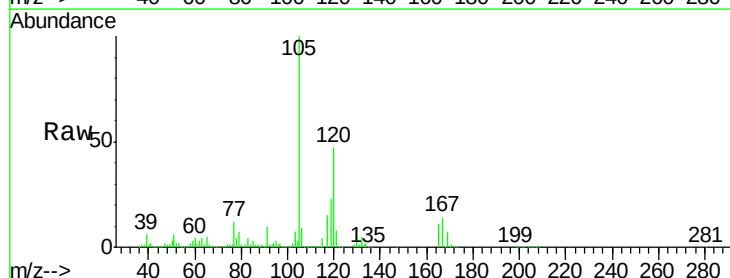
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

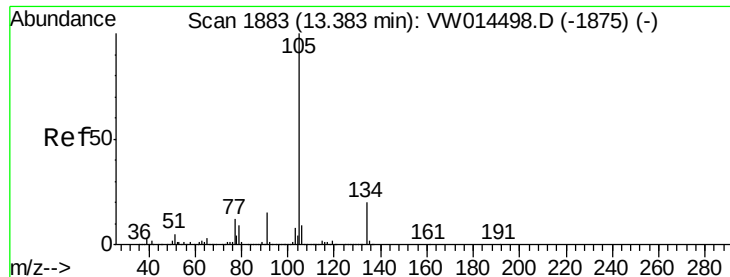
Tgt Ion:119 Resp: 1594628
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.1 93.3
 134 26.8 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.825 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion:105 Resp: 1763299
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0

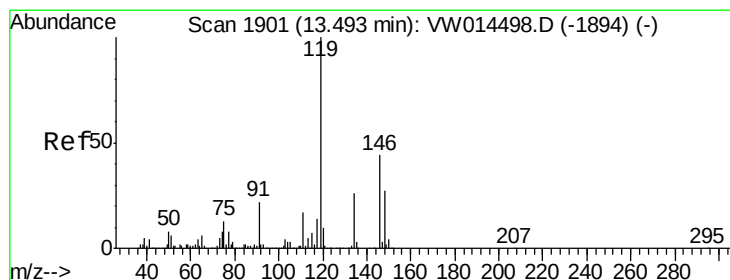
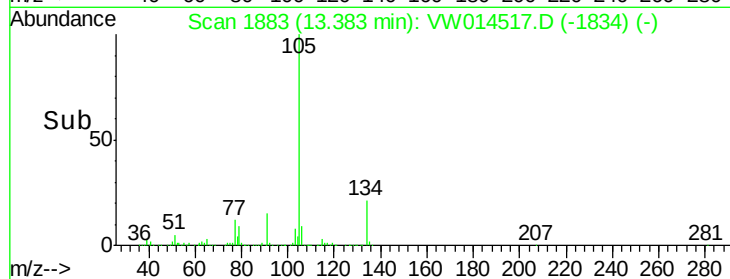
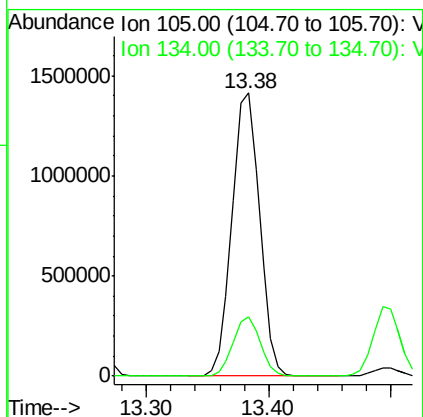
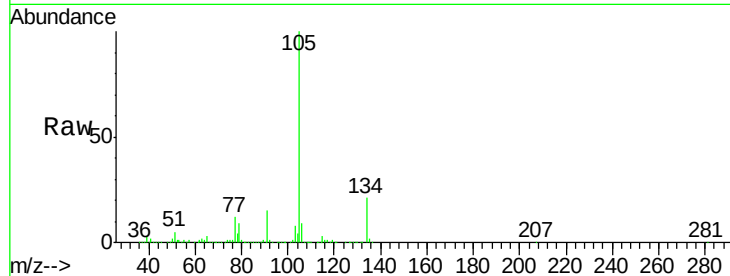




#85
 sec-Butylbenzene
 Concen: 56.384 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

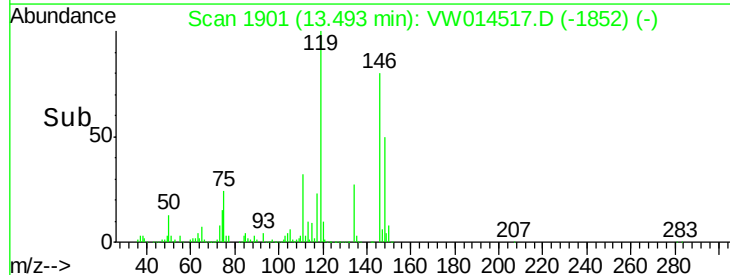
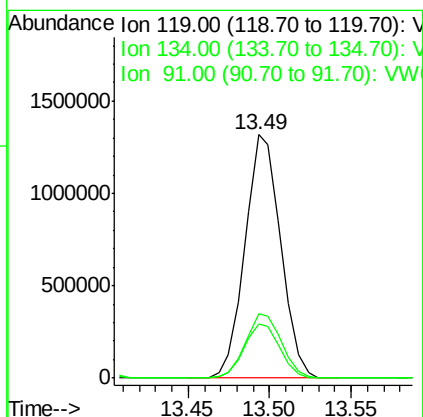
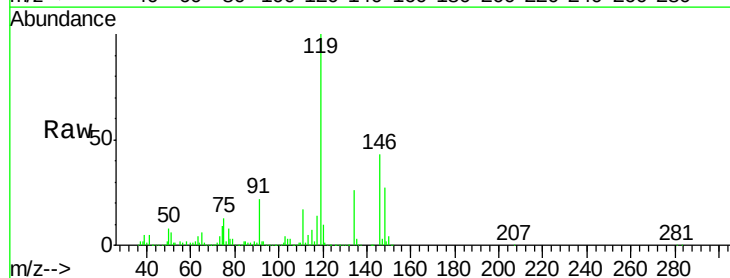
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

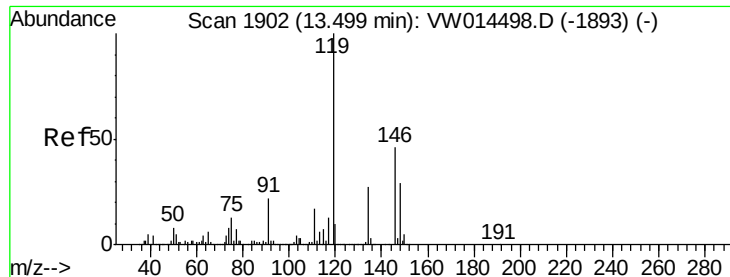
Tgt Ion:105 Resp: 2208392
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 56.091 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion:119 Resp: 2002508
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.2 11.1 33.3

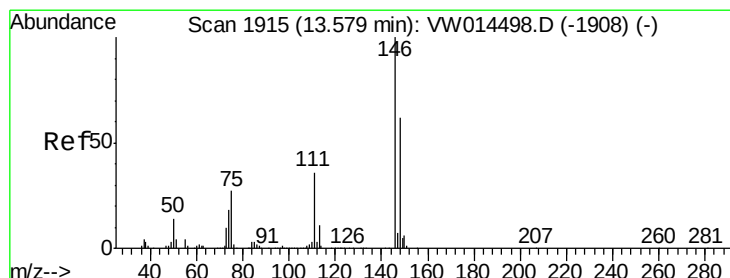
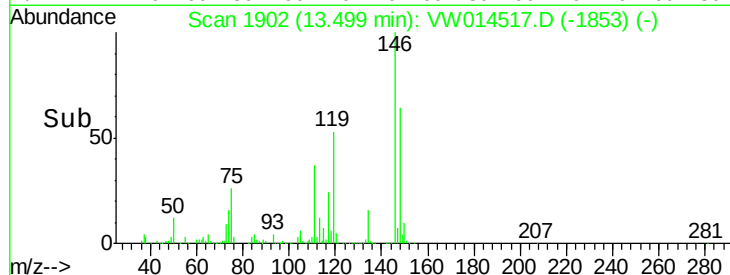
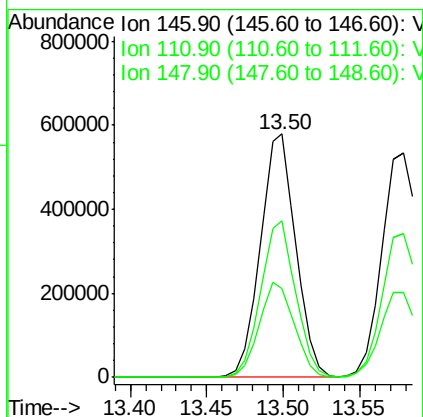
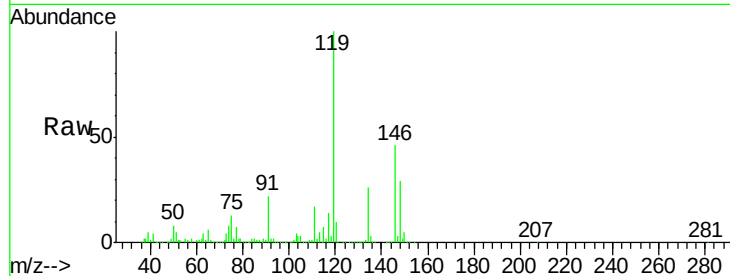




#87
 1,3-Dichlorobenzene
 Concen: 53.650 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

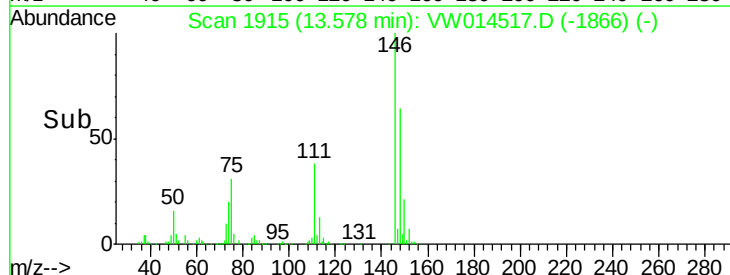
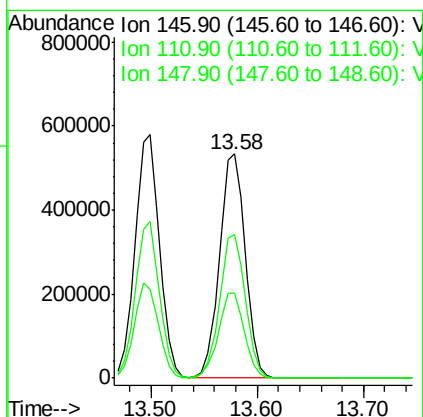
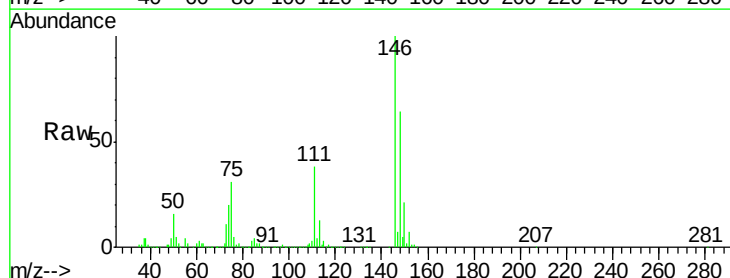
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

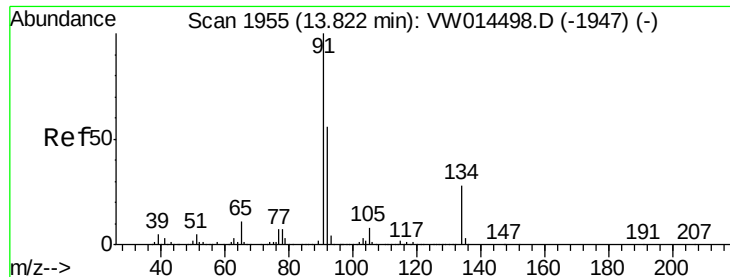
Tgt Ion:146 Resp: 932692
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.9
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 52.164 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion:146 Resp: 895288
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 64.1 31.7 95.1





#89

n-Butylbenzene

Concen: 57.486 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

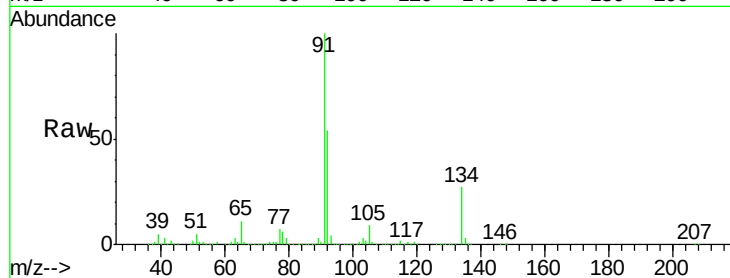
Tgt Ion: 91 Resp: 1905801

Ion Ratio Lower Upper

91 100

92 55.1 27.5 82.5

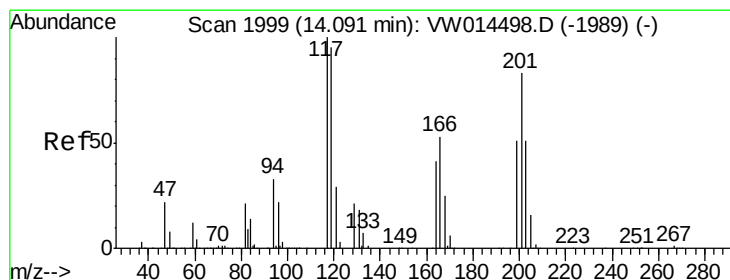
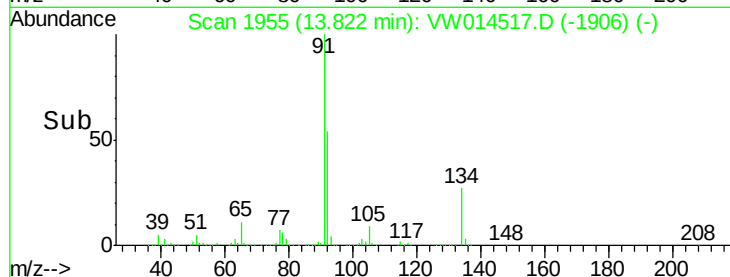
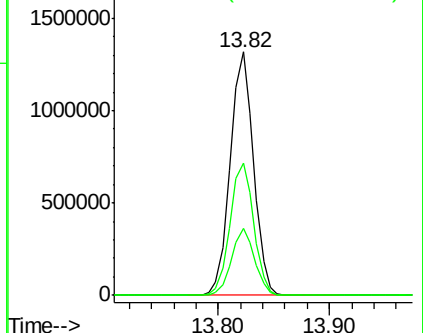
134 26.9 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 56.657 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014517.D

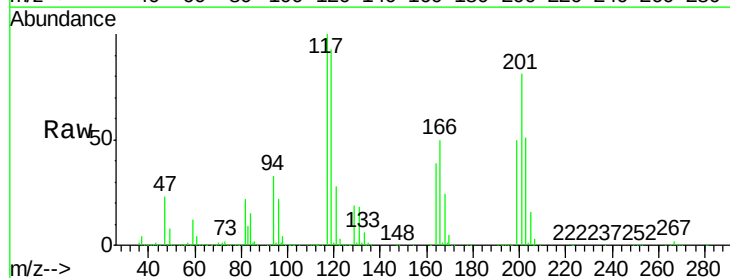
Acq: 06 Jan 2020 10:48

Tgt Ion: 117 Resp: 353353

Ion Ratio Lower Upper

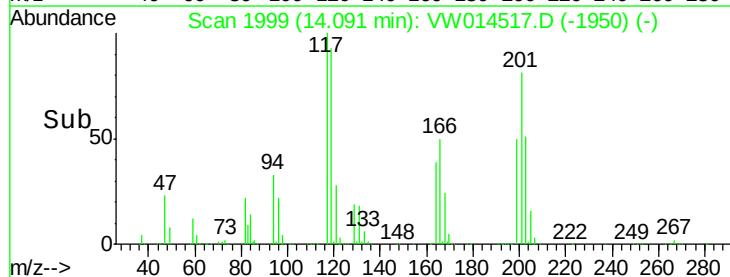
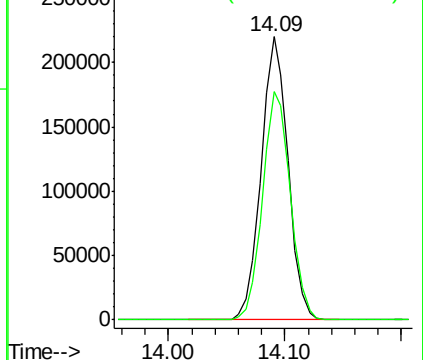
117 100

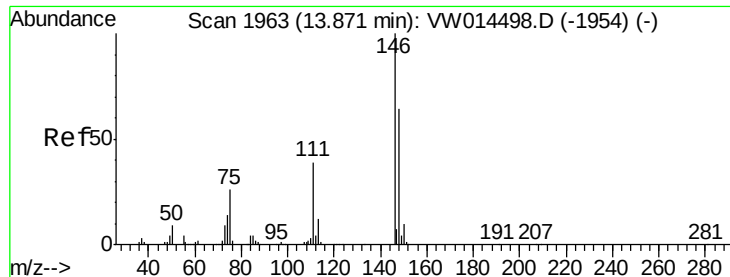
201 83.1 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

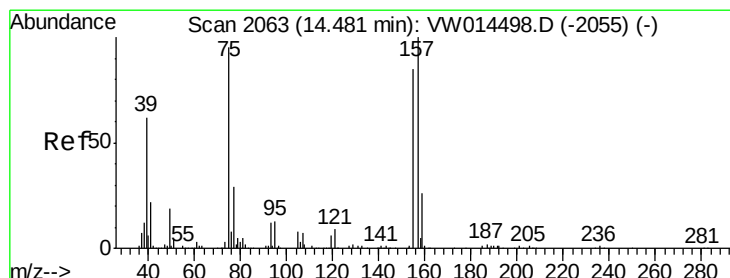
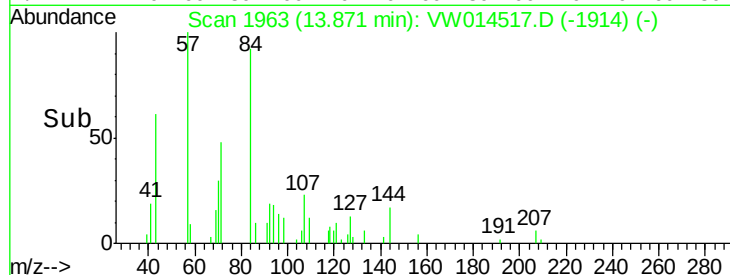
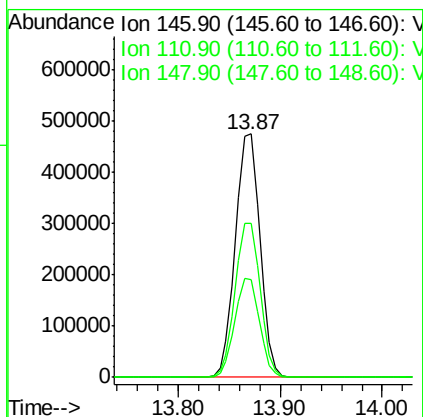
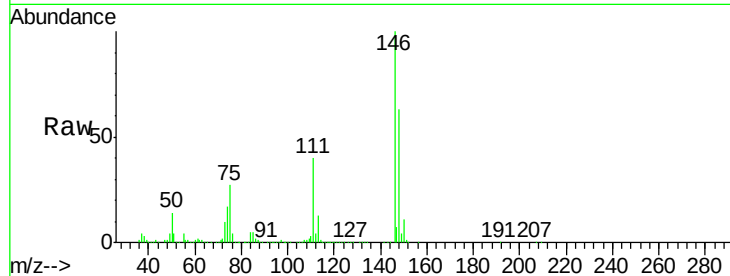




#91
 1,2-Dichlorobenzene
 Concen: 51.844 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

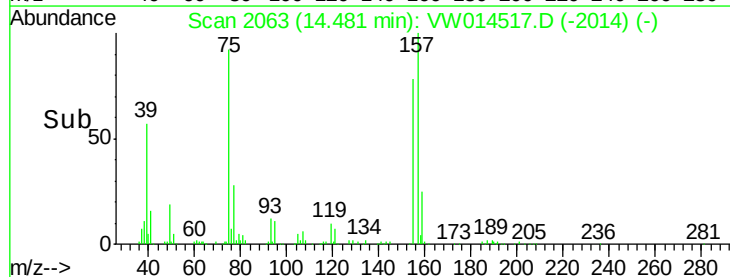
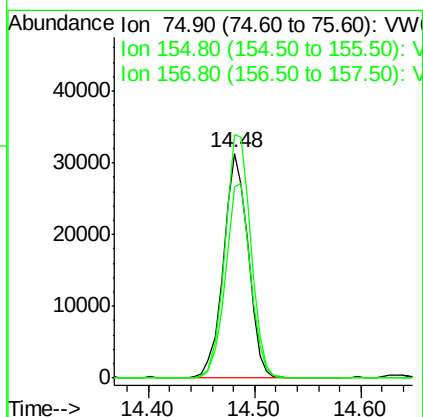
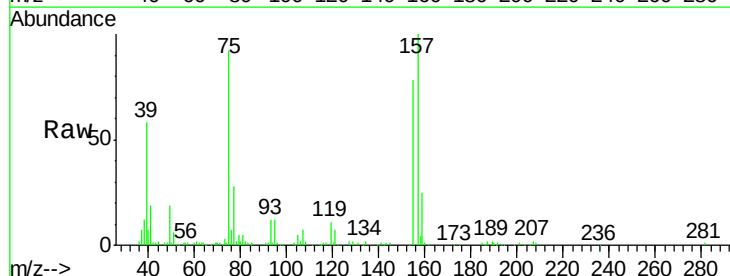
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

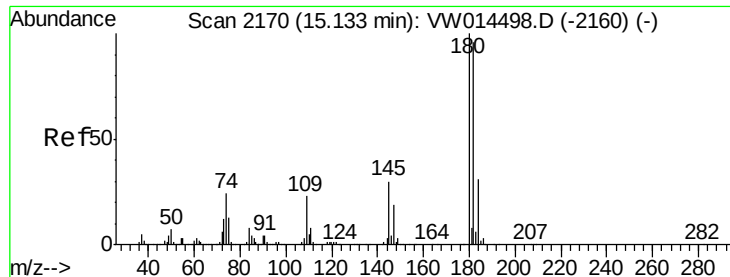
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	64.4	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.306 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	45.8	137.4
157	113.2	58.1	174.2

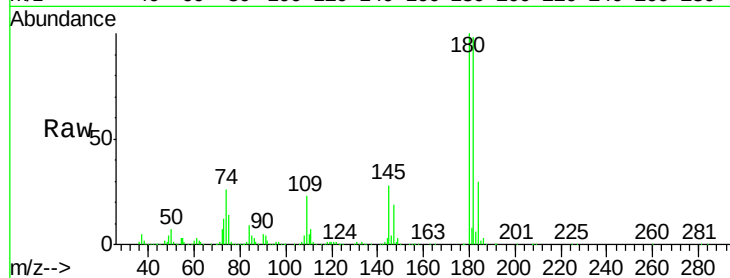




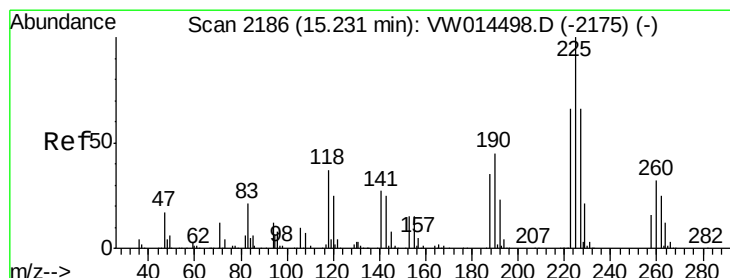
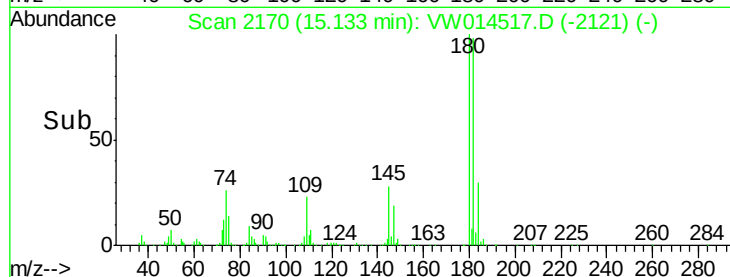
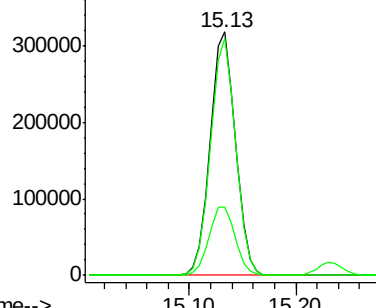
#93
 1,2,4-Trichlorobenzene
 Concen: 51.491 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 531308
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 141.8
 145 29.2 14.7 44.1

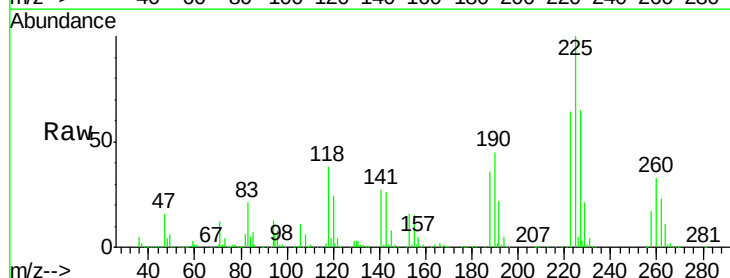


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

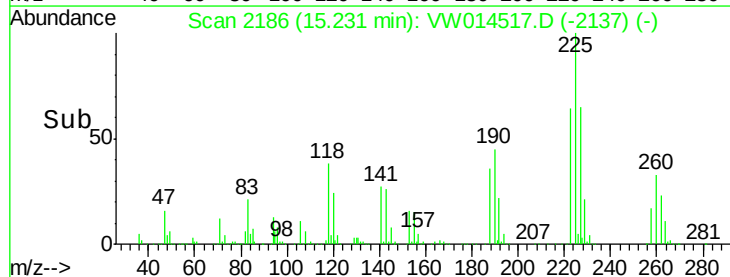
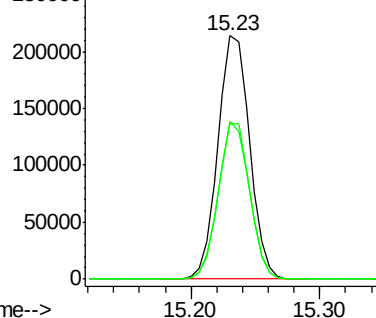


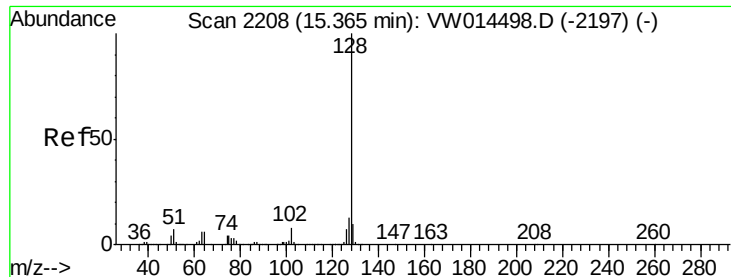
#94
 Hexachlorobutadiene
 Concen: 52.407 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion:225 Resp: 362388
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.4 97.2
 227 63.2 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

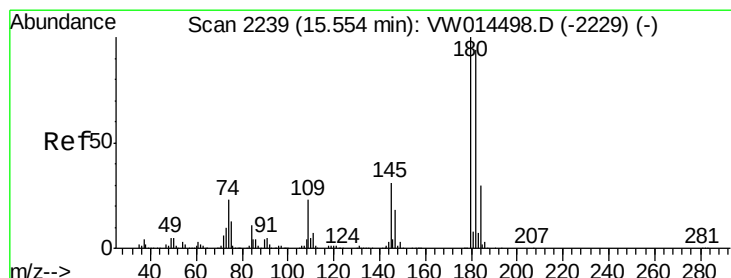
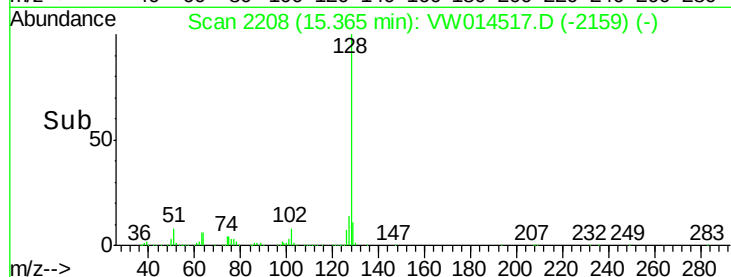
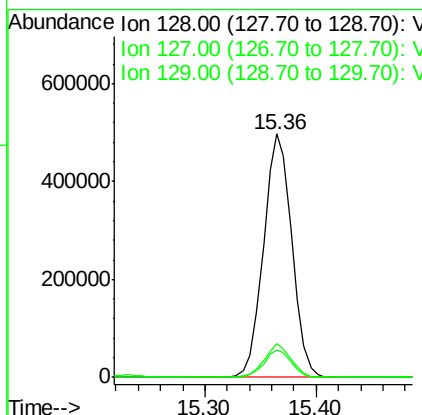
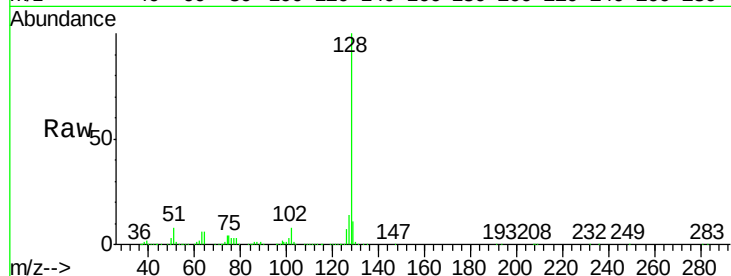




#95
Naphthalene
Concen: 49.841 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 877075
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.394 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion:180 Resp: 444258
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.2
145 31.7 15.5 46.5

