

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015346.D
 Acq On : 24 Apr 2020 16:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 06:50:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	331091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	179038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	93192	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.88	113	92779	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.32	98	364014	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.62	95	144963	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	83498	44.890	ug/l	97
3) Chloromethane	2.21	50	85310	42.116	ug/l	99
4) Vinyl Chloride	2.35	62	100973	42.214	ug/l	99
5) Bromomethane	2.76	94	83746	49.242	ug/l	94
6) Chloroethane	2.92	64	62450	42.091	ug/l	98
7) Trichlorofluoromethane	3.26	101	149832	44.267	ug/l	95
8) Diethyl Ether	3.68	74	44211	46.535	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93141	44.623	ug/l	91
10) Methyl Iodide	4.28	142	101892	46.477	ug/l	99
11) Tert butyl alcohol	5.17	59	35907	228.688	ug/l	100
12) 1,1-Dichloroethene	4.04	96	89001	44.300	ug/l	95
13) Acrolein	3.90	56	17230	209.661	ug/l	97
14) Allyl chloride	4.67	41	114079	42.802	ug/l #	85
15) Acrylonitrile	5.37	53	85127	235.452	ug/l	98
16) Acetone	4.12	43	71326	212.011	ug/l	100
17) Carbon Disulfide	4.38	76	251631	42.147	ug/l	100
18) Methyl Acetate	4.67	43	41859	47.005	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	219692	47.635	ug/l	96
20) Methylene Chloride	4.92	84	97726	44.323	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	103142	45.267	ug/l	93
22) Diisopropyl ether	6.31	45	231698	45.315	ug/l #	92
23) Vinyl Acetate	6.26	43	697051	232.316	ug/l	96
24) 1,1-Dichloroethane	6.22	63	160678	45.344	ug/l	98
25) 2-Butanone	7.17	43	104308	233.692	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	161036	43.197	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	115716	47.041	ug/l	97
28) Bromochloromethane	7.51	49	60654	47.078	ug/l #	71
29) Tetrahydrofuran	7.53	42	67651	243.277	ug/l	88
30) Chloroform	7.68	83	180448	47.182	ug/l	97
31) Cyclohexane	7.95	56	139874	39.269	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	167511	45.382	ug/l	99
36) 1,1-Dichloropropene	8.09	75	135465	45.332	ug/l	98
37) Ethyl Acetate	7.26	43	47190	48.658	ug/l #	97
38) Carbon Tetrachloride	8.07	117	152549	46.714	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	174119	43.777	ug/l	96
40) Benzene	8.32	78	370222	46.379	ug/l	96
41) Methacrylonitrile	7.48	41	27280	46.880	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	116381	49.525	ug/l	99
43) Isopropyl Acetate	8.42	43	98310	48.332	ug/l	96
44) Trichloroethene	9.09	130	117962	48.311	ug/l	93
45) 1,2-Dichloropropane	9.37	63	84930	45.751	ug/l	98
46) Dibromomethane	9.46	93	53050	49.403	ug/l #	86
47) Bromodichloromethane	9.64	83	135296	47.132	ug/l	98
48) Methyl methacrylate	9.43	41	44529	46.309	ug/l #	83
49) 1,4-Dioxane	9.45	88	15104	1055.096	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	237023	248.232	ug/l	96
52) Toluene	10.39	92	268186	48.005	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	136041	48.063	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	154171	46.861	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	74581	49.601	ug/l	97
56) Ethyl methacrylate	10.65	69	94271	48.667	ug/l	93
57) 1,3-Dichloropropane	10.93	76	122210	49.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	221756	246.930	ug/l #	88
59) 2-Hexanone	10.96	43	165183	242.345	ug/l	97
60) Dibromochloromethane	11.13	129	99619	50.178	ug/l	99
61) 1,2-Dibromoethane	11.23	107	73503	50.098	ug/l	99
64) Tetrachloroethene	10.86	164	109402	48.707	ug/l	91
65) Chlorobenzene	11.66	112	297815	48.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	110053	49.583	ug/l	97
67) Ethyl Benzene	11.73	91	545726	47.386	ug/l	99
68) m/p-Xylenes	11.84	106	434517	96.255	ug/l	98
69) o-Xylene	12.16	106	205244	48.711	ug/l	99
70) Styrene	12.18	104	354936	49.418	ug/l	99
71) Bromoform	12.35	173	61043	48.810	ug/l #	100
73) Isopropylbenzene	12.46	105	573102	46.168	ug/l	100
74) N-amyl acetate	12.27	43	101428	46.966	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	82871	47.019	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	112485	81.214	ug/l #	100
77) Bromobenzene	12.74	156	136335	47.803	ug/l	83
78) n-propylbenzene	12.80	91	659174	45.607	ug/l	96
79) 2-Chlorotoluene	12.89	91	381127	46.791	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	499950	46.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27911	44.052	ug/l	93
82) 4-Chlorotoluene	12.99	91	404914	46.821	ug/l	97
83) tert-Butylbenzene	13.21	119	438253	46.892	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	495203	46.952	ug/l	100
85) sec-Butylbenzene	13.38	105	597392	46.283	ug/l	98
86) p-Isopropyltoluene	13.50	119	552894	46.099	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	276002	48.706	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	269164	48.456	ug/l	96
89) n-Butylbenzene	13.82	91	496763	45.315	ug/l	98
90) Hexachloroethane	14.09	117	100997	45.918	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	243240	49.397	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15816	49.587	ug/l	84

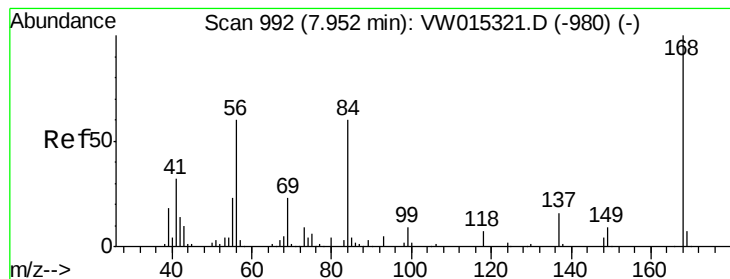
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173511	50.694	ug/l	98
94) Hexachlorobutadiene	15.23	225	111427	48.830	ug/l	97
95) Naphthalene	15.36	128	289440	52.570	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	147574	52.993	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

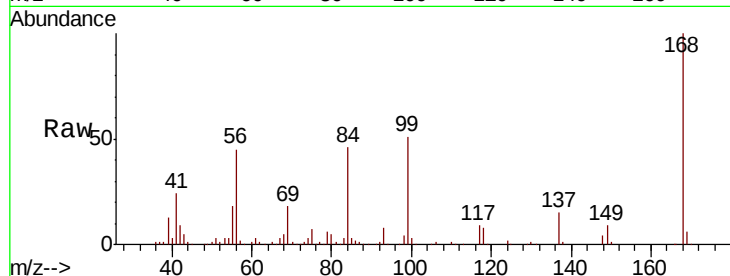
VSTDCCC050EC

Tot Ion:168 Resp: 235544

Ion Ratio Lower Upper

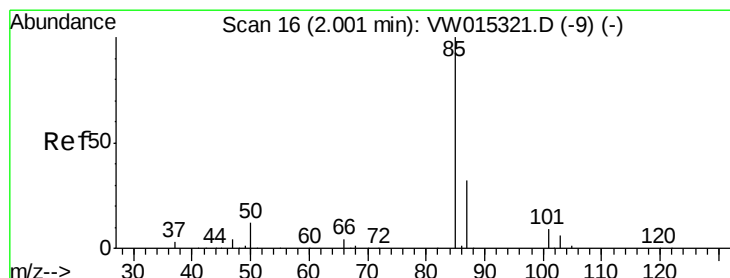
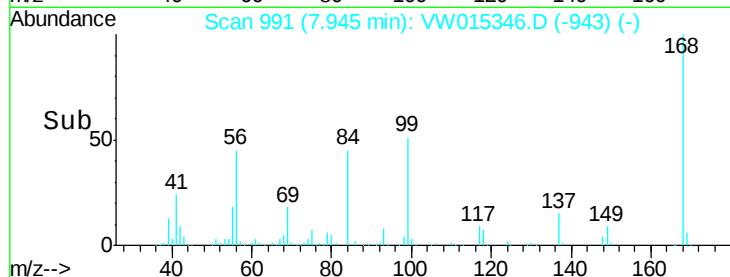
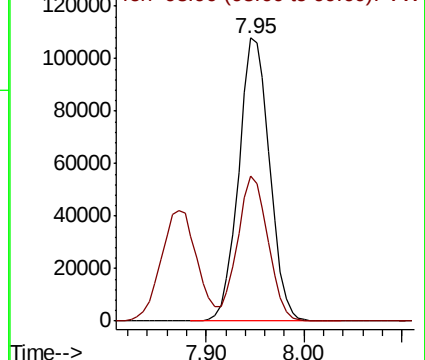
168 100

99 51.4 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.890 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015346.D

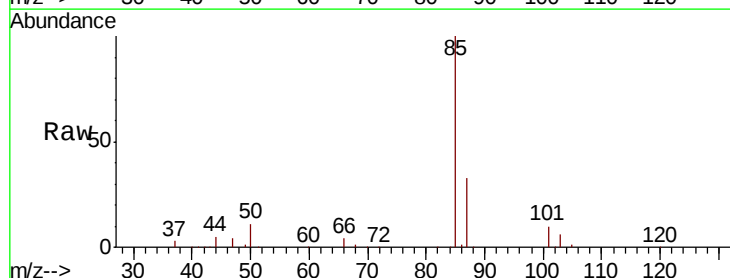
Acq: 24 Apr 2020 16:50

Tgt Ion: 85 Resp: 83498

Ion Ratio Lower Upper

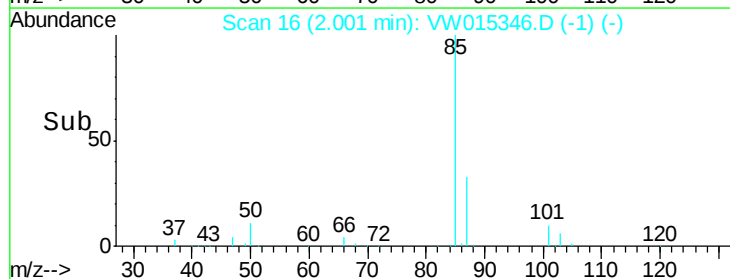
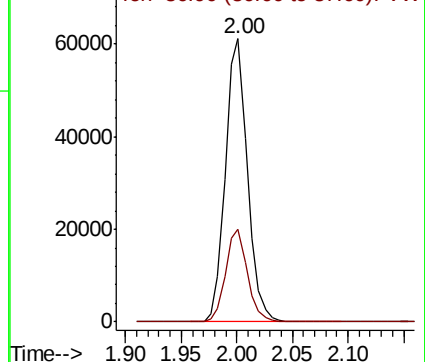
85 100

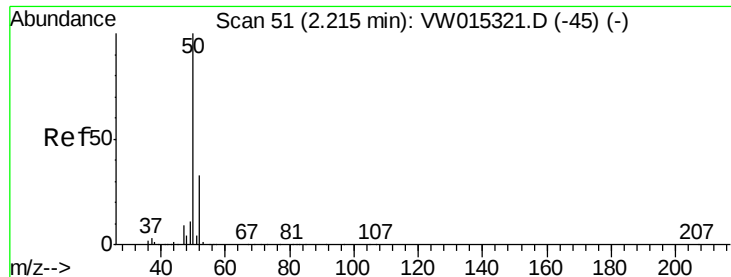
87 32.7 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 42.116 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

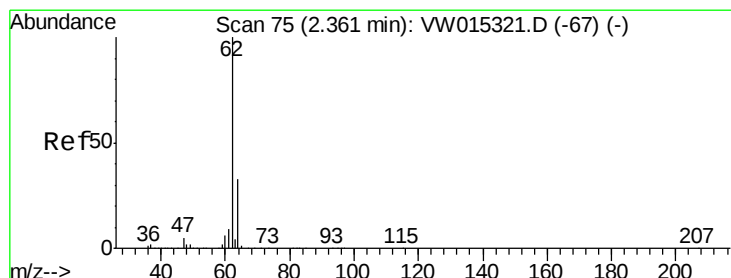
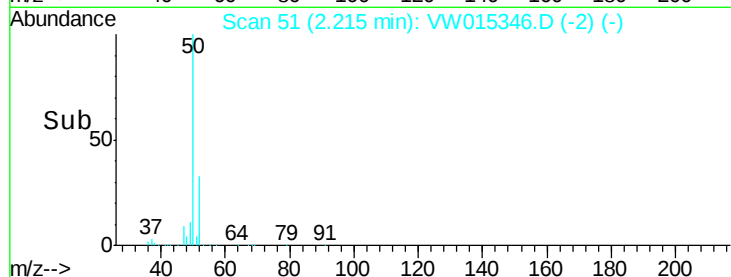
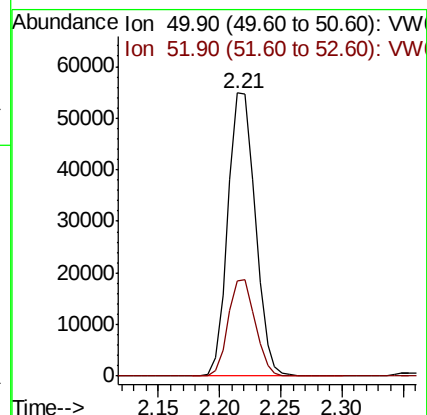
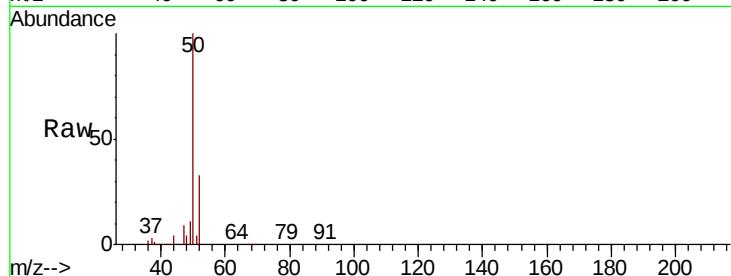
VSTDCCC050EC

Tot Ion: 50 Resp: 85310

Ion Ratio Lower Upper

50 100

52 33.5 26.5 39.7



#4

Vinyl Chloride

Concen: 42.214 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW015346.D

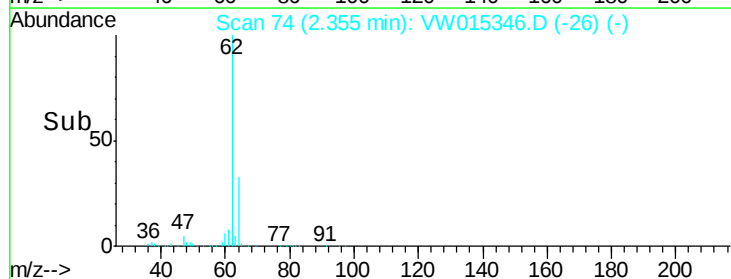
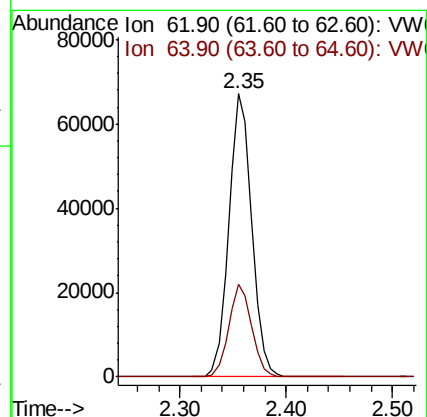
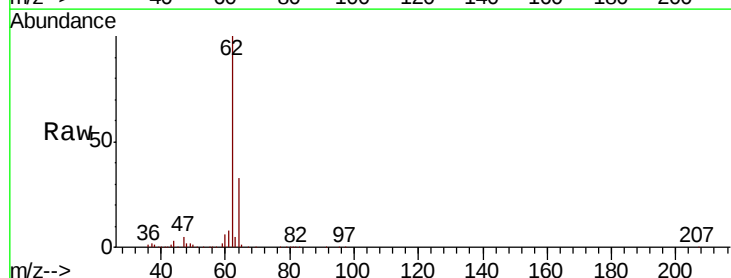
Acq: 24 Apr 2020 16:50

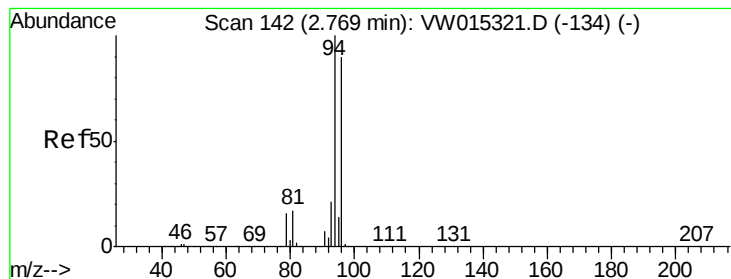
Tgt Ion: 62 Resp: 100973

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.2





#5

Bromomethane

Concen: 49.242 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

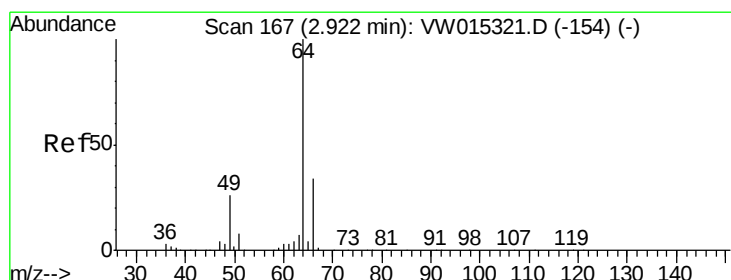
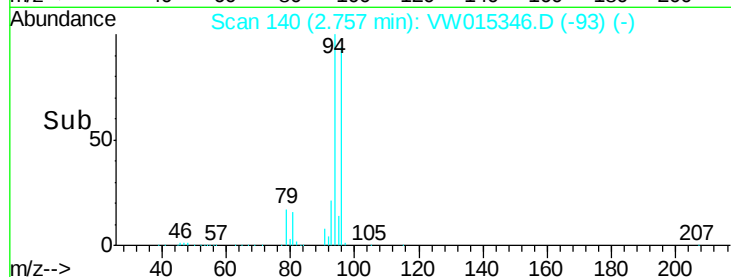
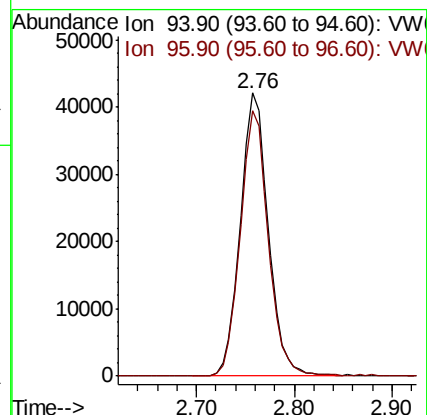
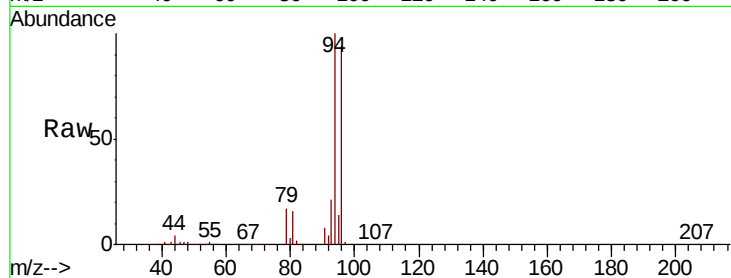
VSTDCCC050EC

Tot Ion: 94 Resp: 83746

Ion Ratio Lower Upper

94 100

96 93.8 70.4 105.6



#6

Chloroethane

Concen: 42.091 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015346.D

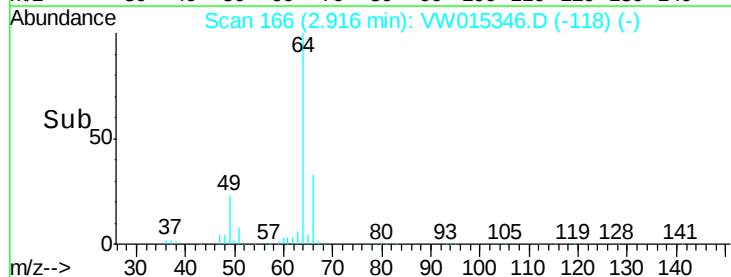
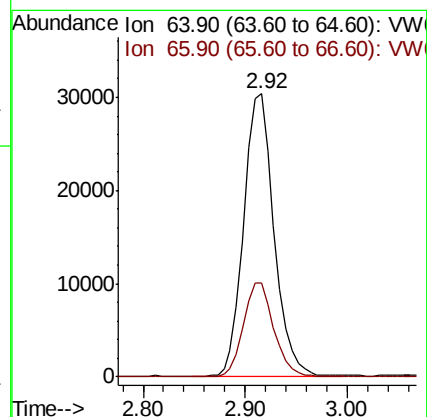
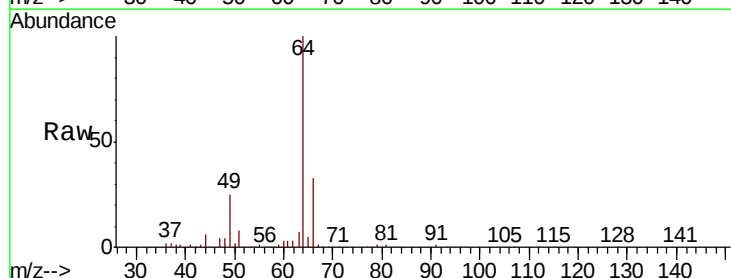
Acq: 24 Apr 2020 16:50

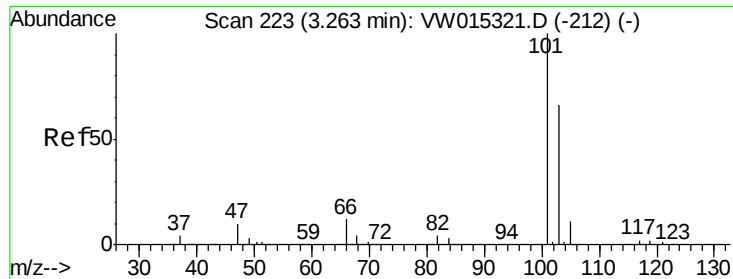
Tgt Ion: 64 Resp: 62450

Ion Ratio Lower Upper

64 100

66 33.2 25.8 38.6



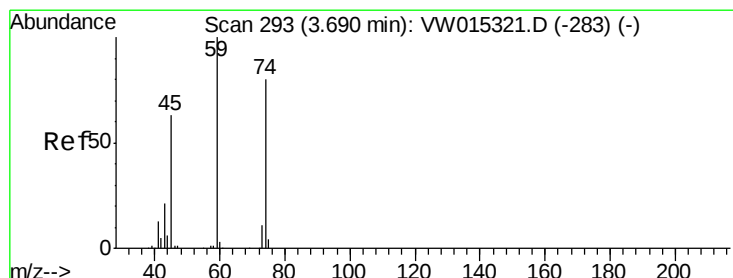
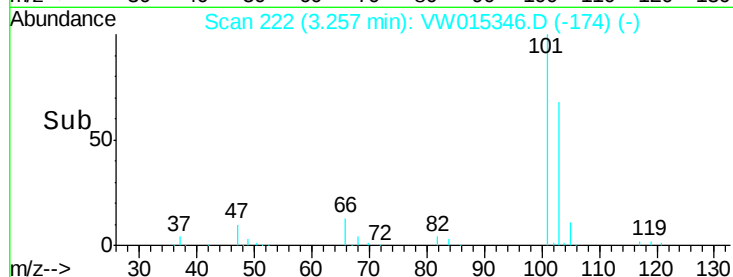
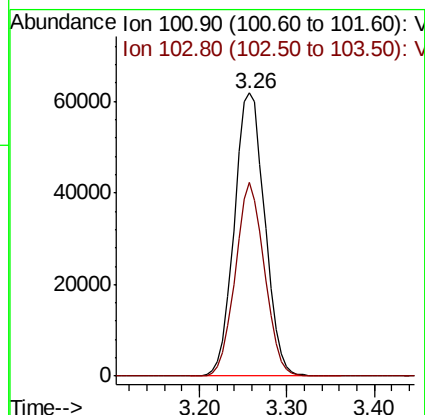
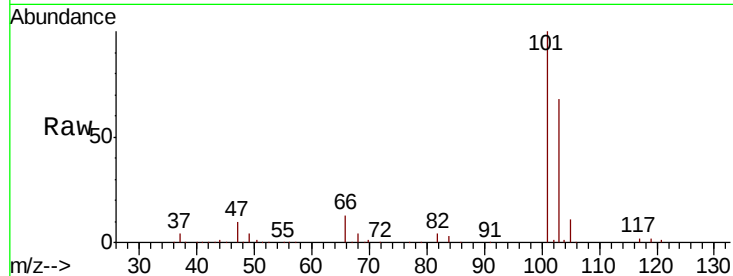


#7

Trichlorofluoromethane
 Concen: 44.267 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

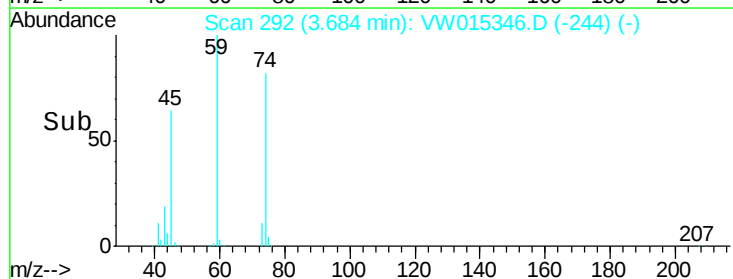
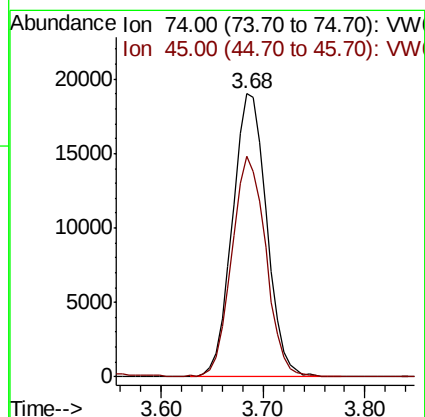
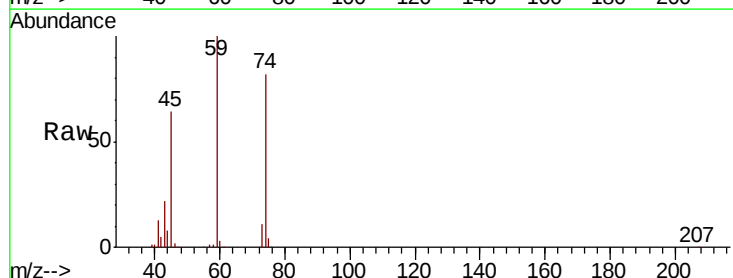
Tot Ion:101 Resp: 149832
 Ion Ratio Lower Upper
 101 100
 103 68.4 51.3 76.9

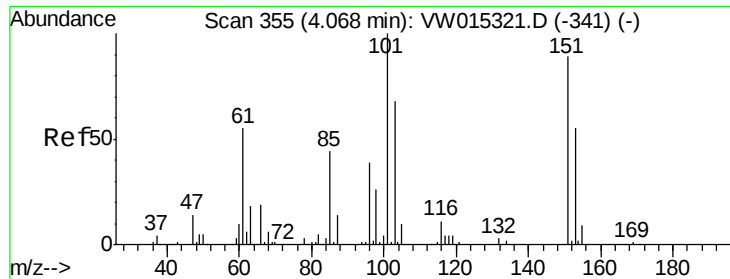


#8

Diethyl Ether
 Concen: 46.535 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 74 Resp: 44211
 Ion Ratio Lower Upper
 74 100
 45 77.4 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.623 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

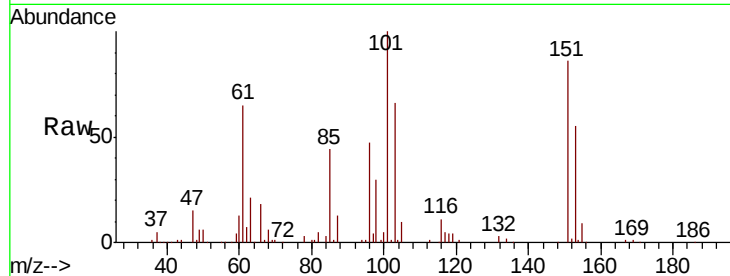
Tot Ion:101 Resp: 93141

Ion Ratio Lower Upper

101 100

85 43.2 35.3 52.9

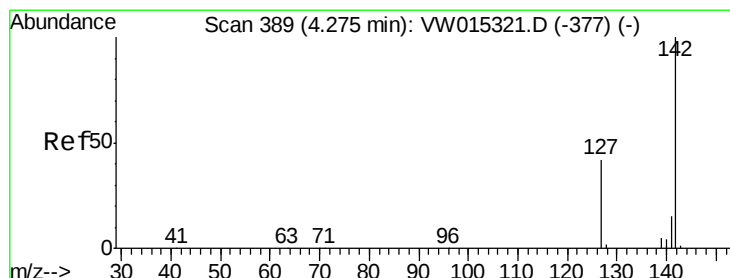
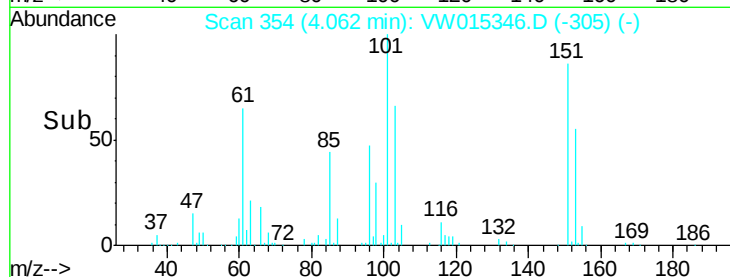
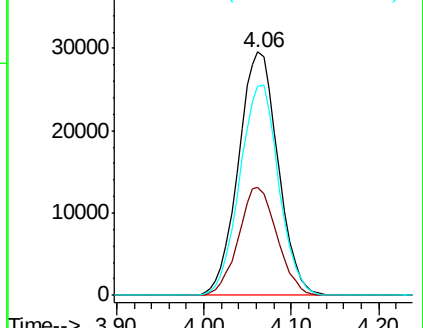
151 84.9 59.3 88.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.477 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

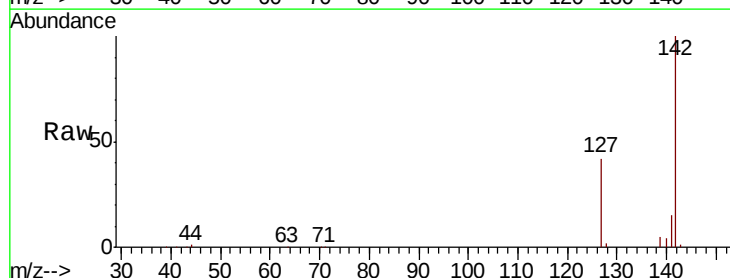
Tgt Ion:142 Resp: 101892

Ion Ratio Lower Upper

142 100

127 42.0 33.9 50.9

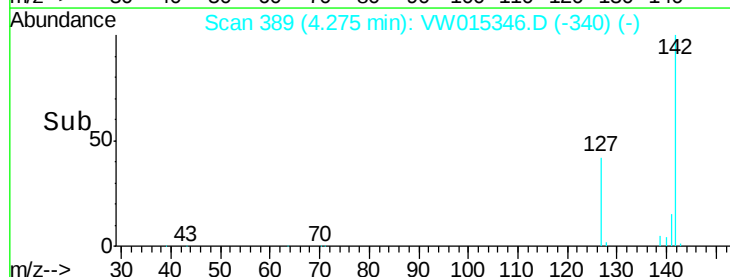
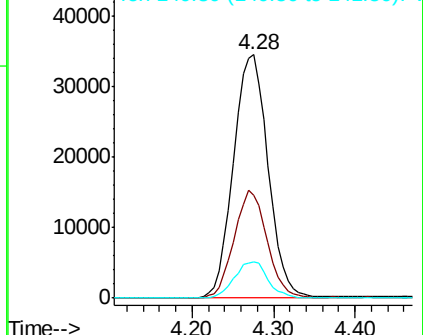
141 14.5 11.4 17.2

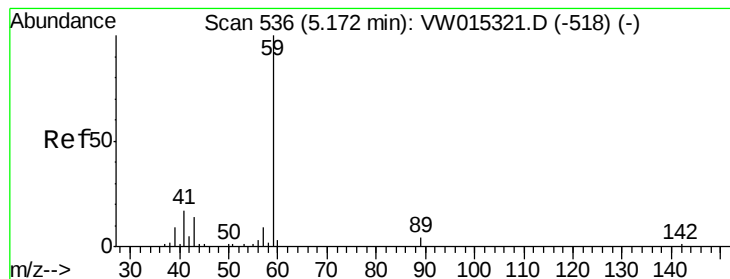


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



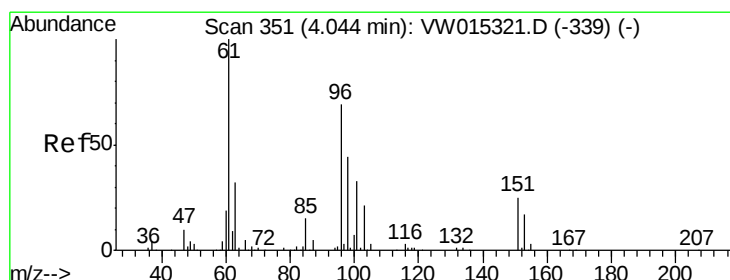
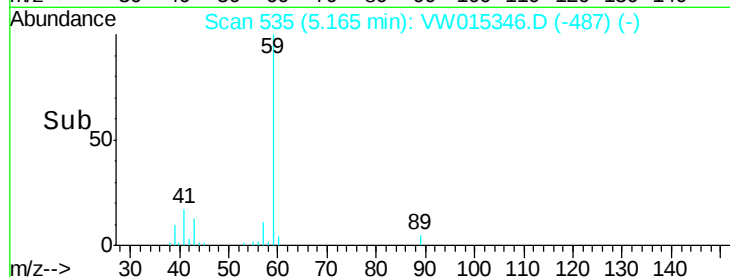
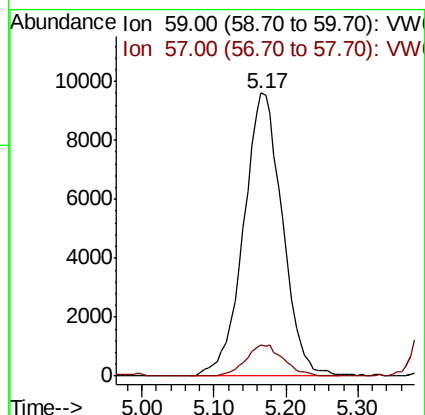
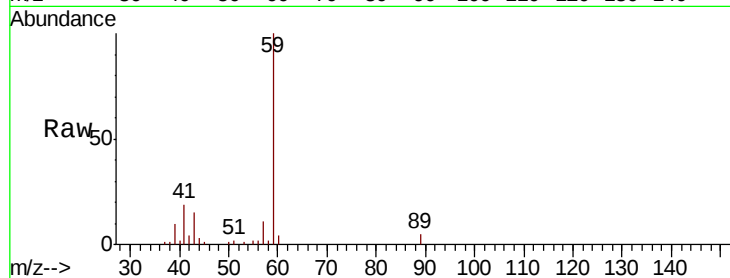


#11

Tert butyl alcohol
 Concen: 228.688 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

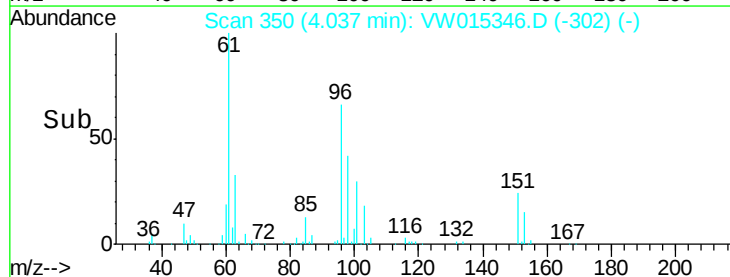
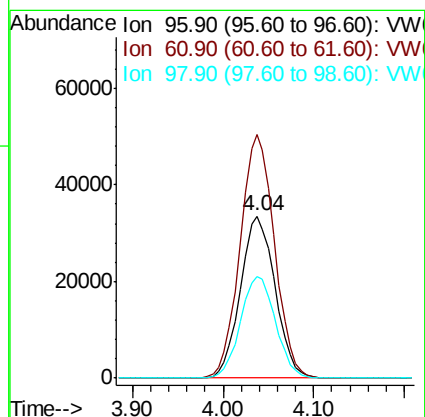
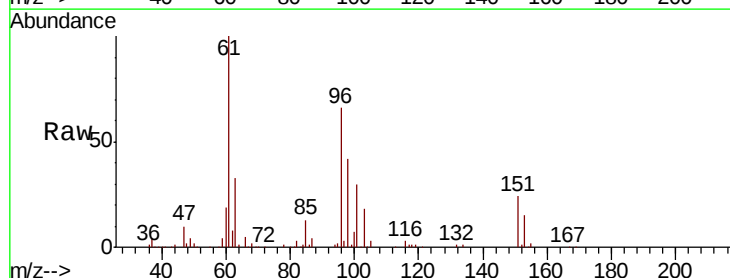
Tot Ion: 59 Resp: 35907
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

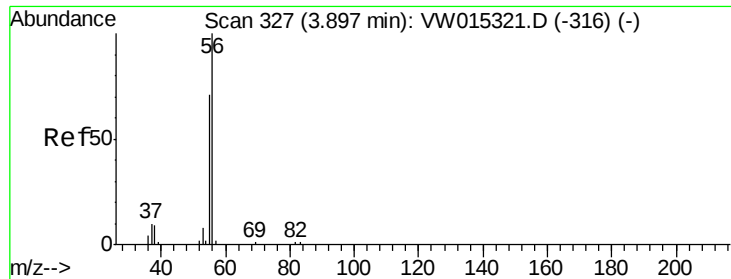


#12

1,1-Dichloroethene
 Concen: 44.300 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 96 Resp: 89001
 Ion Ratio Lower Upper
 96 100
 61 150.4 127.0 190.4
 98 62.9 51.0 76.4





#13

Acrolein

Concen: 209.661 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

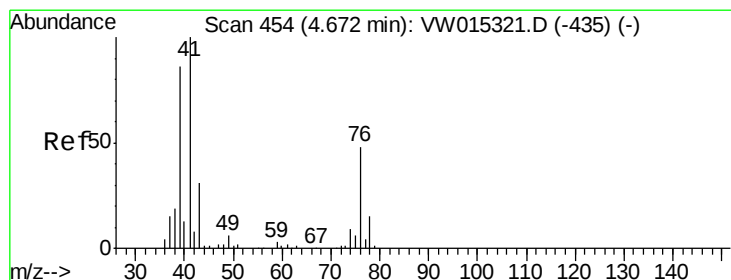
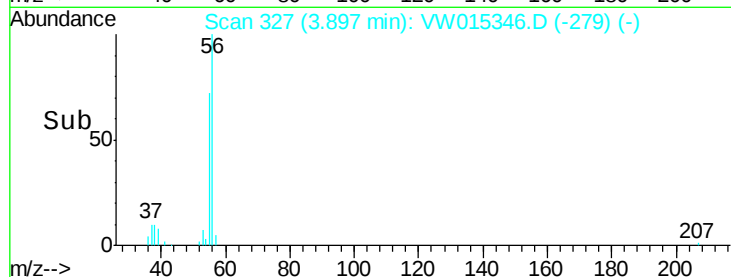
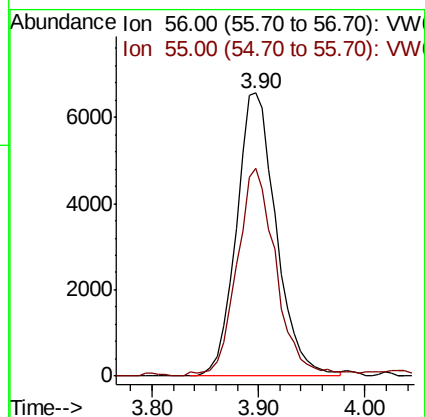
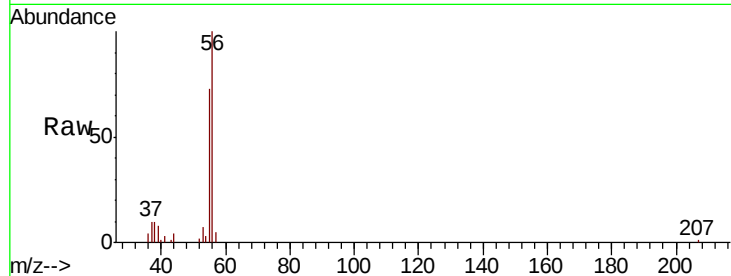
VSTDCCC050EC

Tot Ion: 56 Resp: 17230

Ion Ratio Lower Upper

56 100

55 72.6 56.2 84.2



#14

Allyl chloride

Concen: 42.802 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

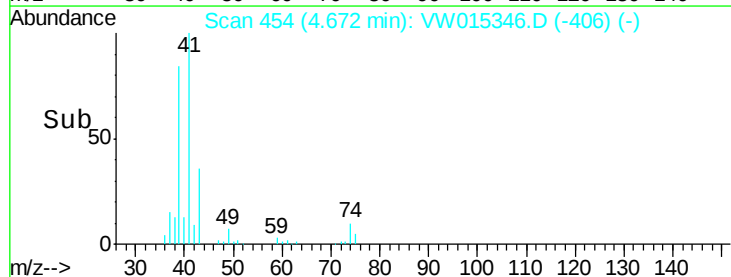
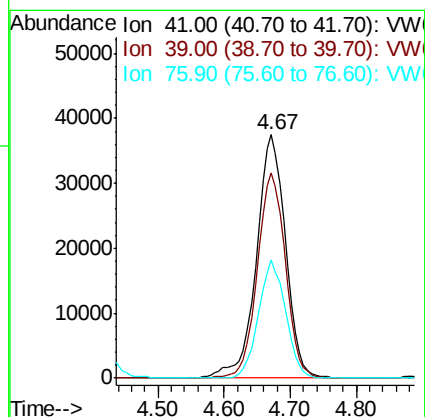
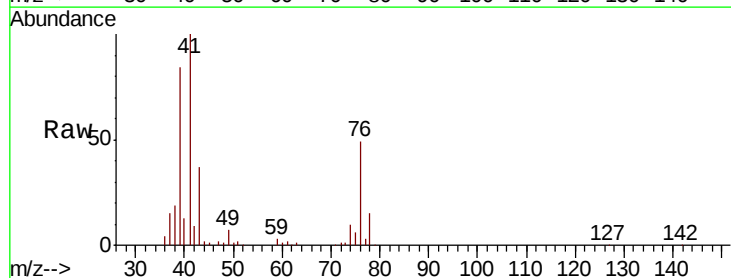
Tgt Ion: 41 Resp: 114079

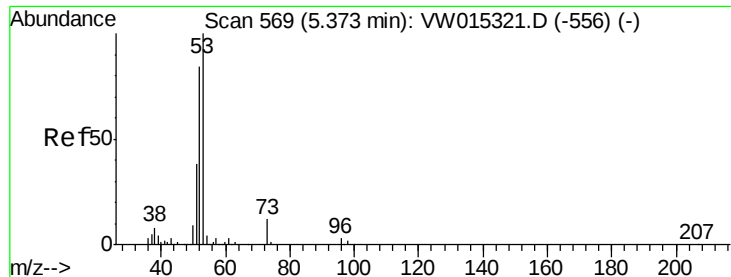
Ion Ratio Lower Upper

41 100

39 82.0 54.0 81.0#

76 45.4 31.8 47.6





#15

Acrylonitrile

Concen: 235.452 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

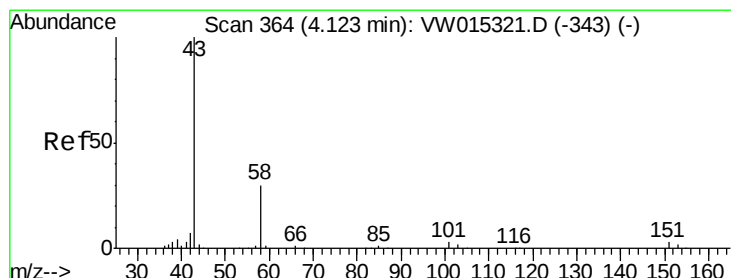
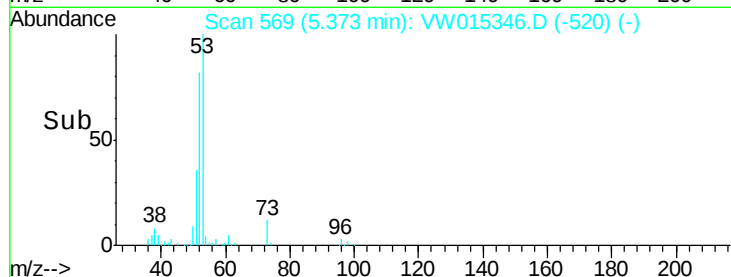
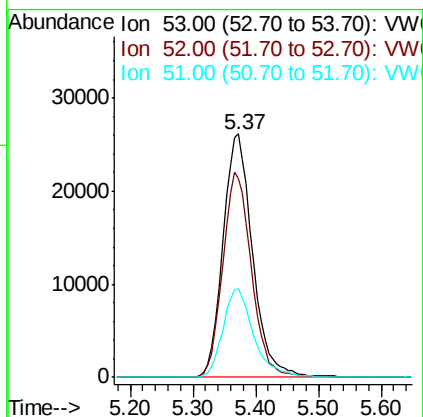
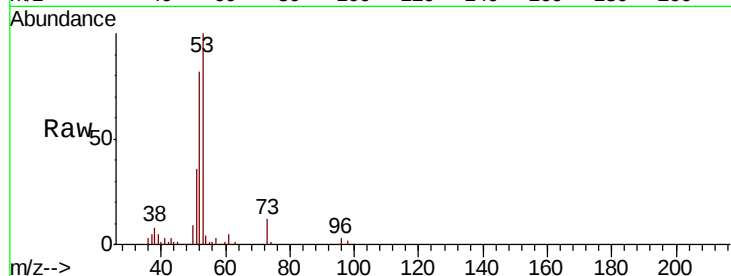
Tot Ion: 53 Resp: 85127

Ion Ratio Lower Upper

53 100

52 82.1 65.2 97.8

51 37.9 28.2 42.4



#16

Acetone

Concen: 212.011 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015346.D

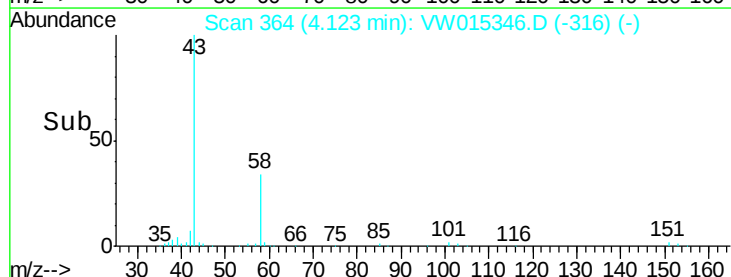
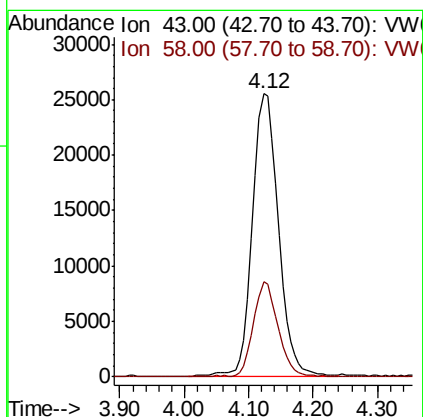
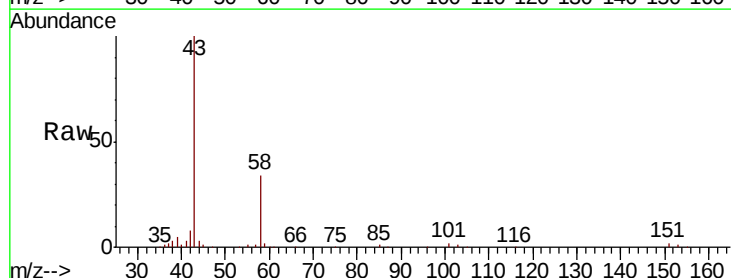
Acq: 24 Apr 2020 16:50

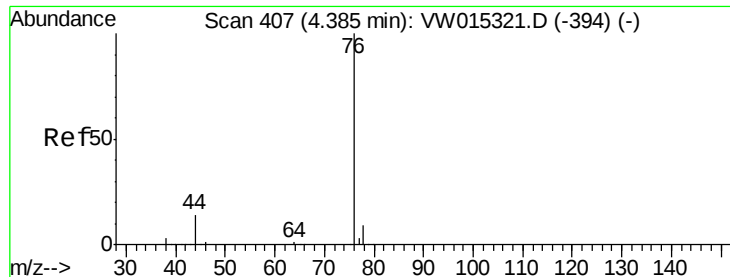
Tgt Ion: 43 Resp: 71326

Ion Ratio Lower Upper

43 100

58 33.7 27.0 40.4

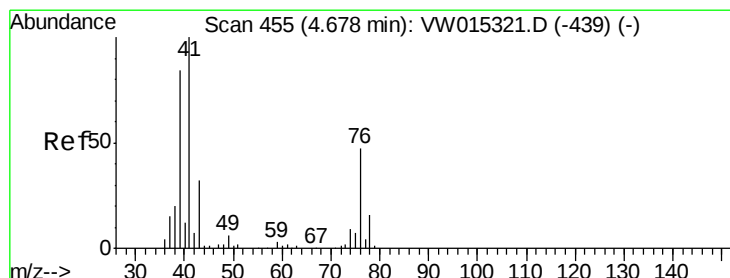
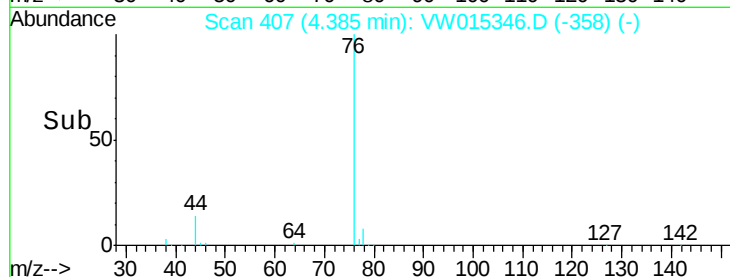
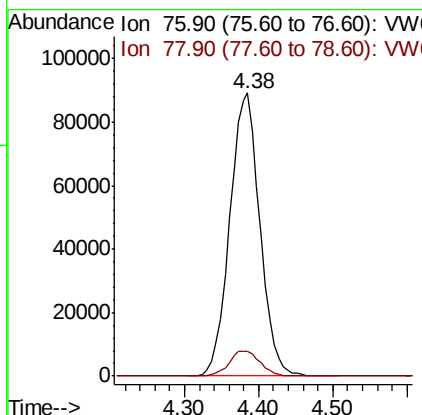
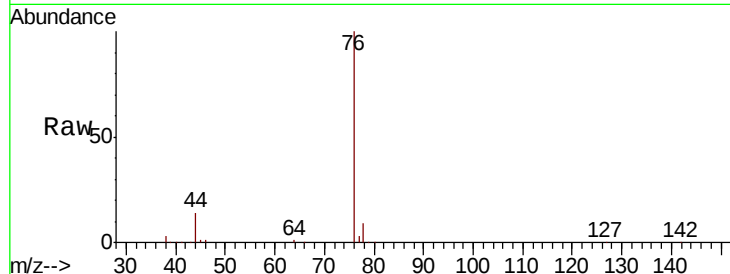




#17
Carbon Disulfide
Concen: 42.147 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

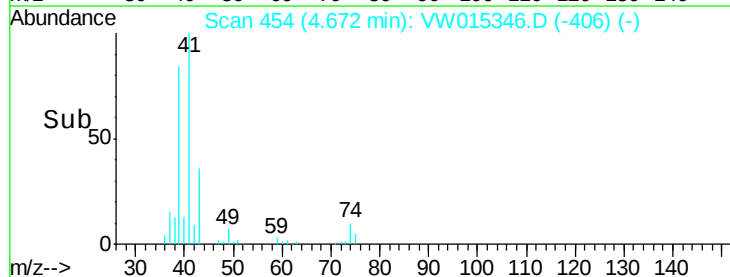
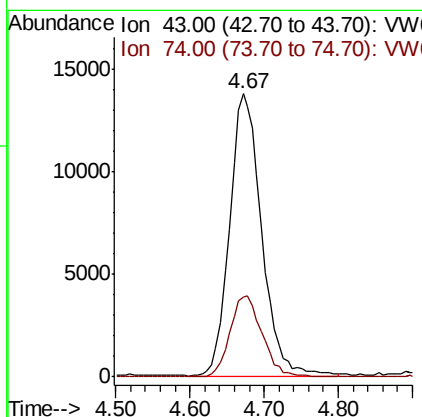
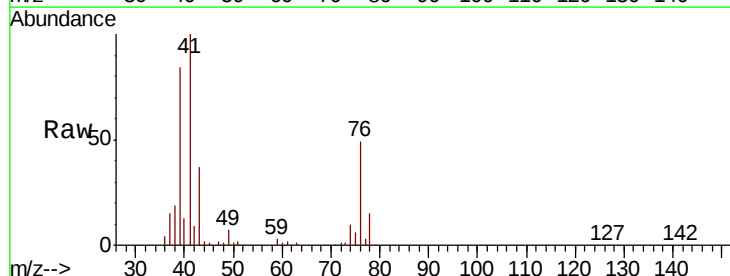
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

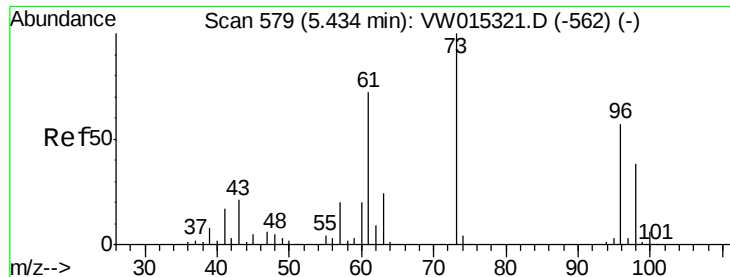
Tot Ion: 76 Resp: 251631
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 47.005 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 43 Resp: 41859
Ion Ratio Lower Upper
43 100
74 28.5 20.6 31.0

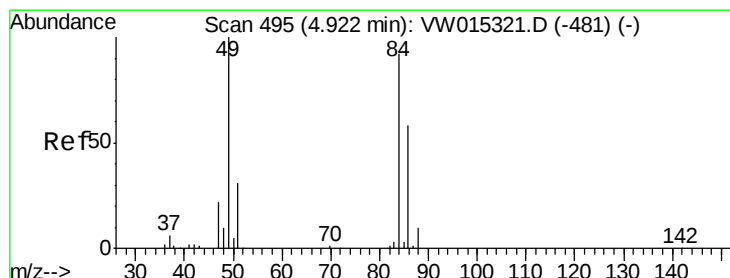
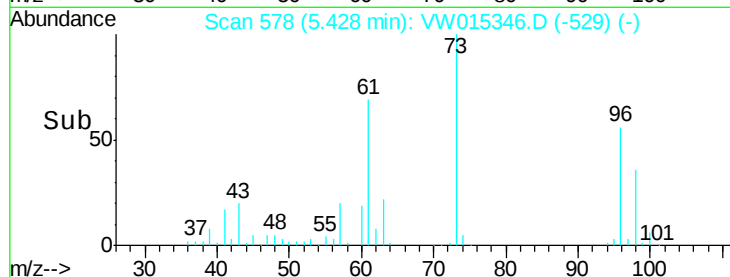
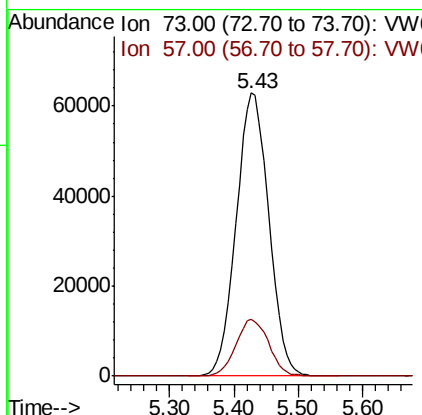
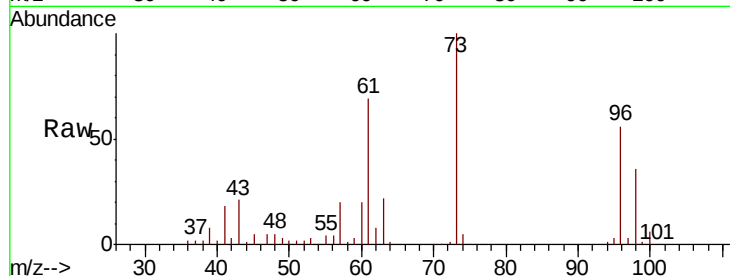




#19
Methvl tert-butvl Ether
Concen: 47.635 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

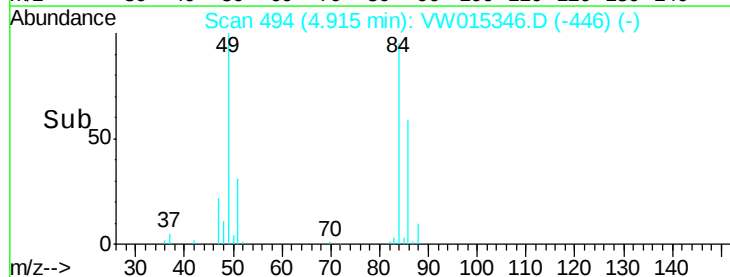
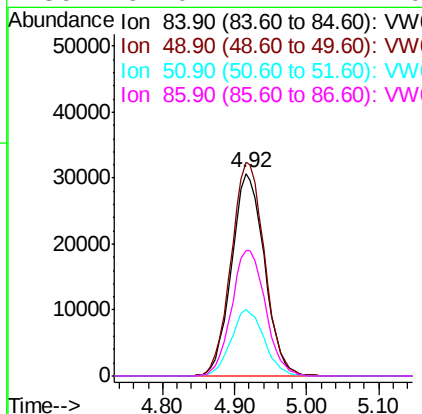
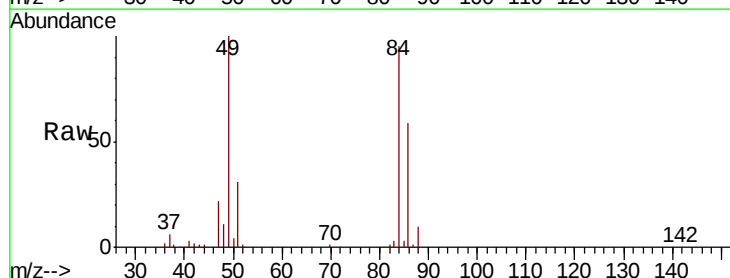
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

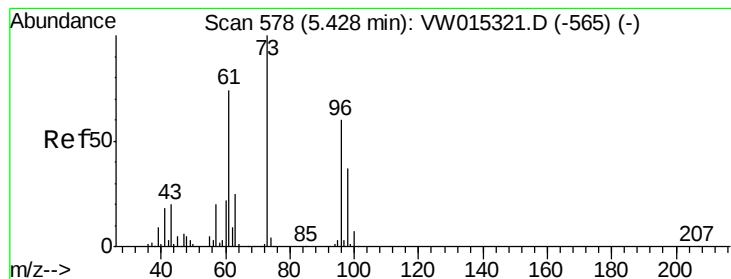
Tot Ion: 73 Resp: 219692
Ion Ratio Lower Upper
73 100
57 20.2 17.8 26.6



#20
Methylene Chloride
Concen: 44.323 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 84 Resp: 97726
Ion Ratio Lower Upper
84 100
49 105.5 95.4 143.0
51 33.2 29.8 44.8
86 62.0 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 45.267 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

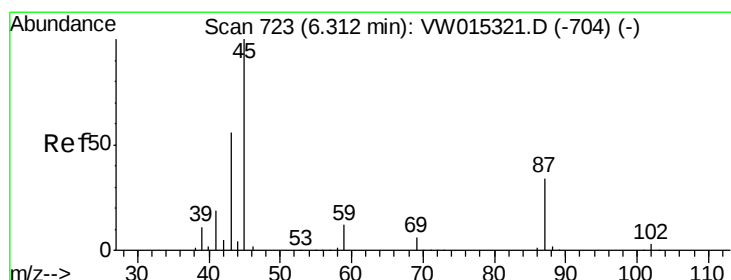
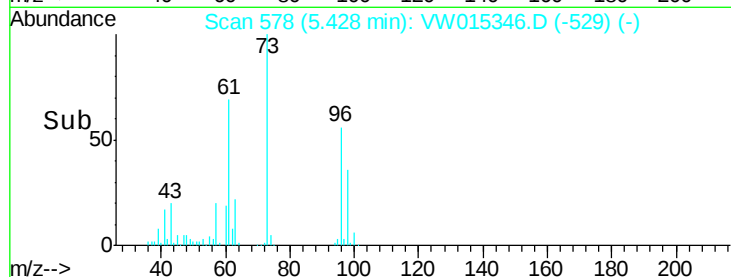
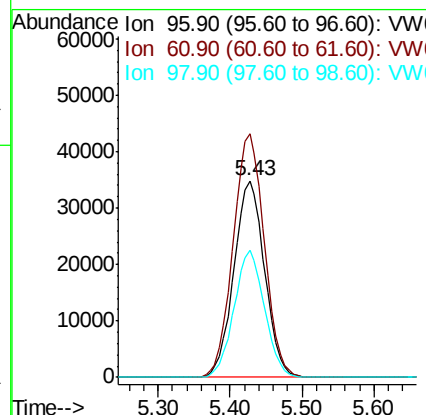
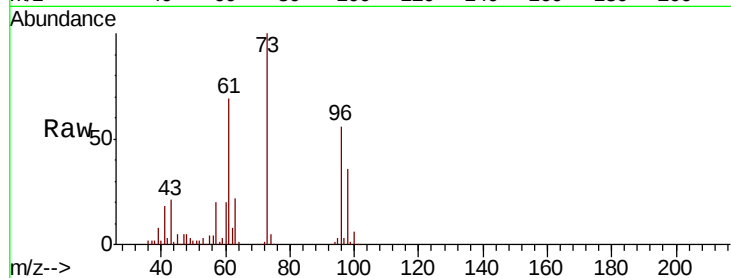
Tot Ion: 96 Resp: 103142

Ion Ratio Lower Upper

96 100

61 123.7 107.8 161.6

98 64.8 50.2 75.2



#22

Diisopropyl ether

Concen: 45.315 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Tgt Ion: 45 Resp: 231698

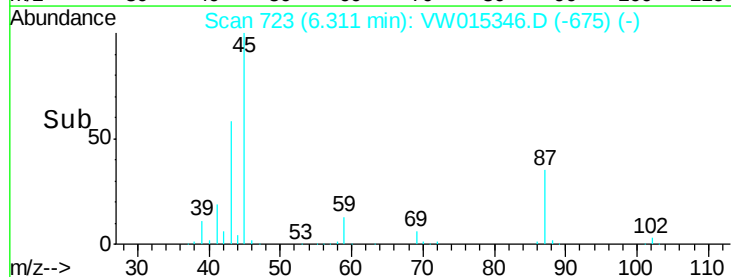
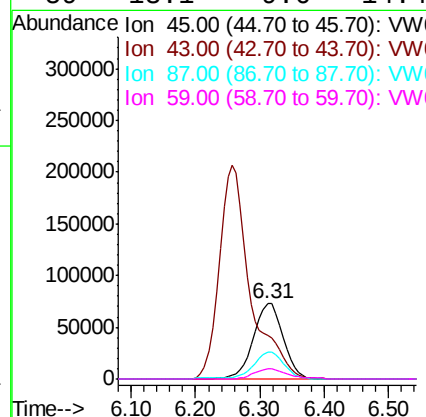
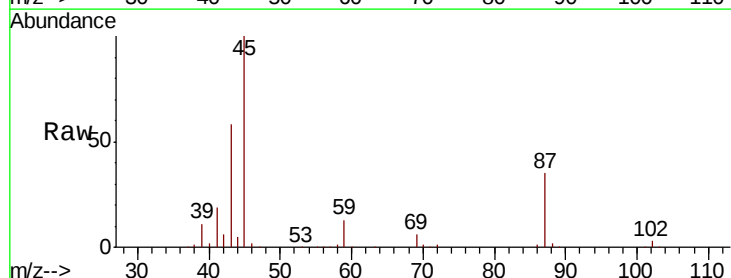
Ion Ratio Lower Upper

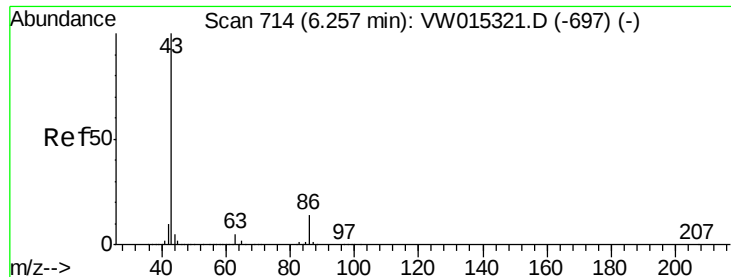
45 100

43 57.7 41.8 62.6

87 35.2 23.2 34.8#

59 13.1 9.6 14.4





#23

Vinyl Acetate

Concen: 232.316 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

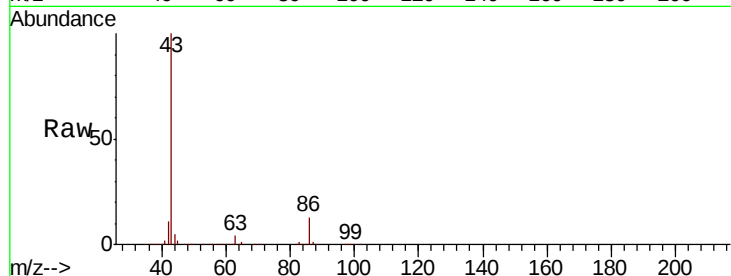
VSTDCCC050EC

Tot Ion: 43 Resp: 697051

Ion Ratio Lower Upper

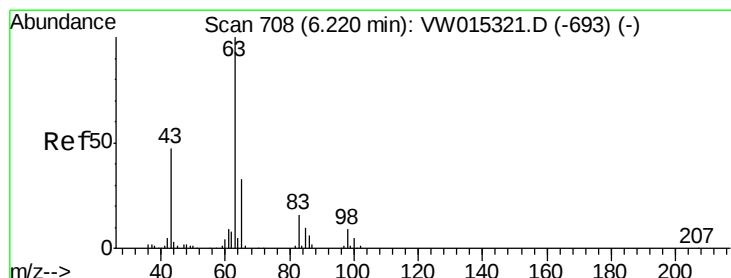
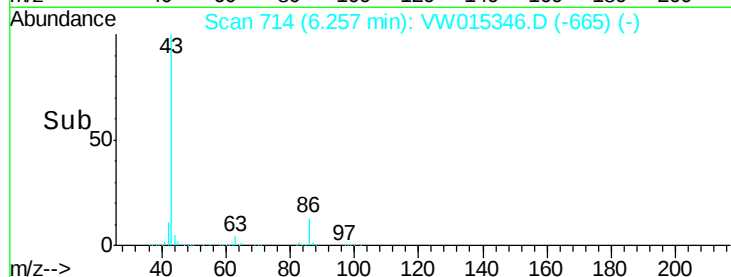
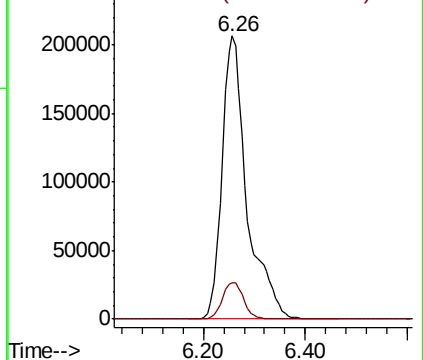
43 100

86 13.0 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 45.344 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

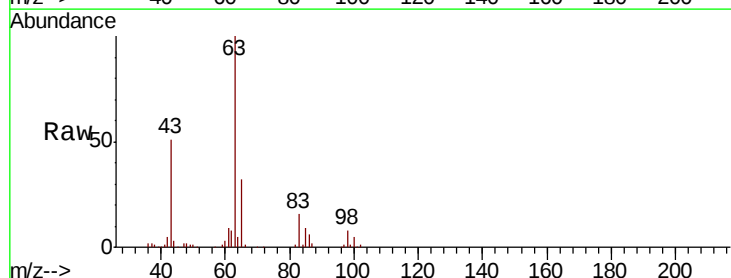
Tgt Ion: 63 Resp: 160678

Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

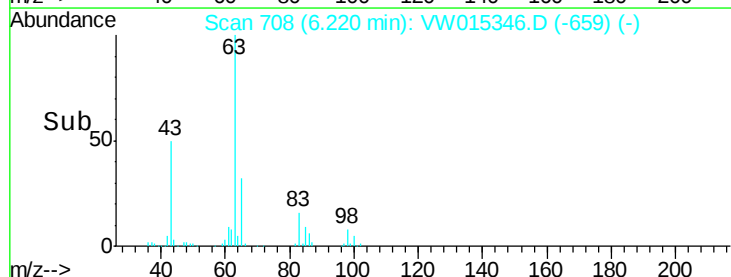
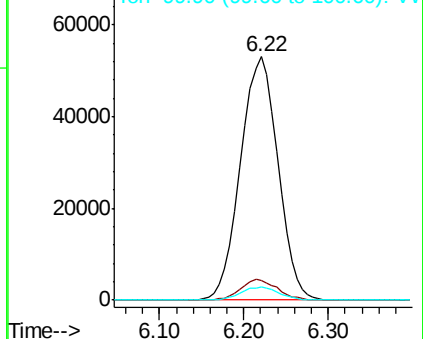
100 5.3 2.4 7.2

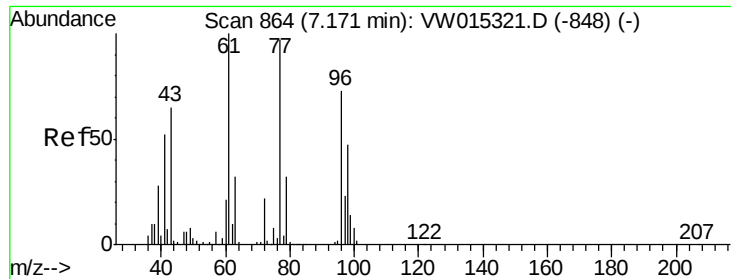


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

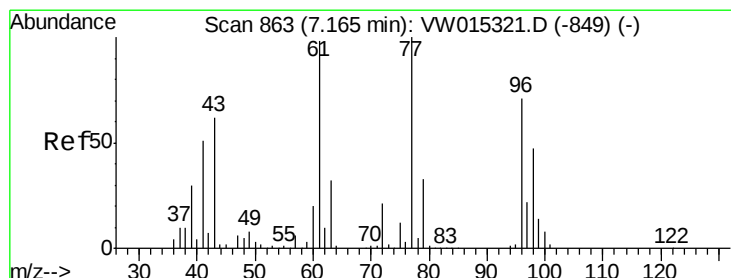
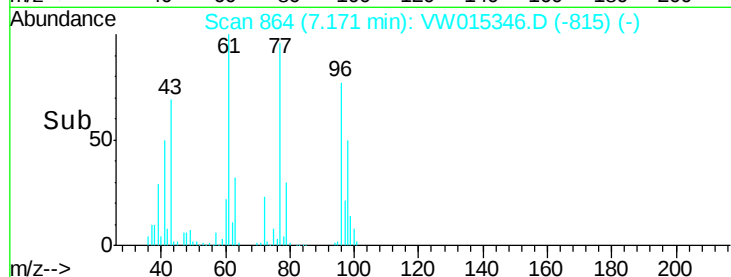
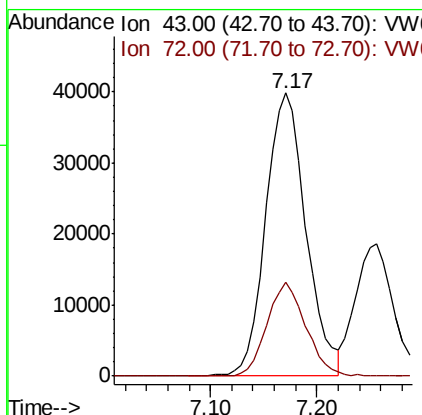
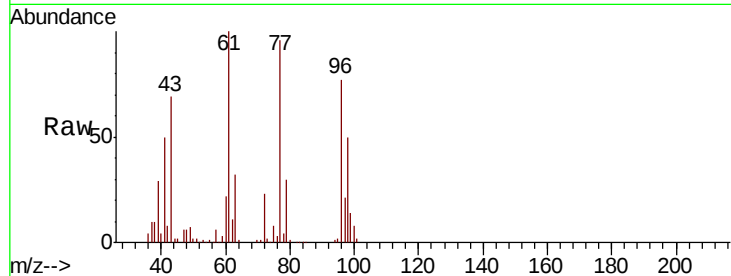




#25
2-Butanone
Concen: 233.692 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

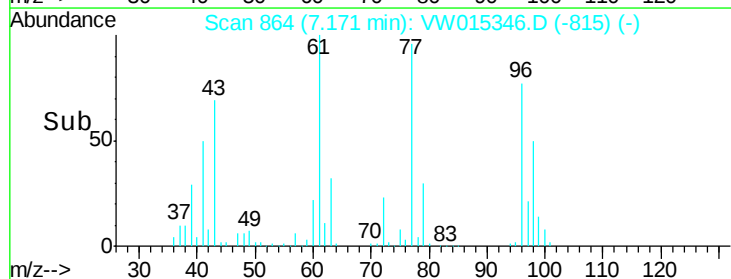
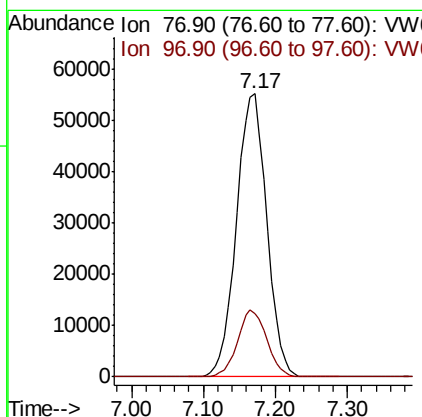
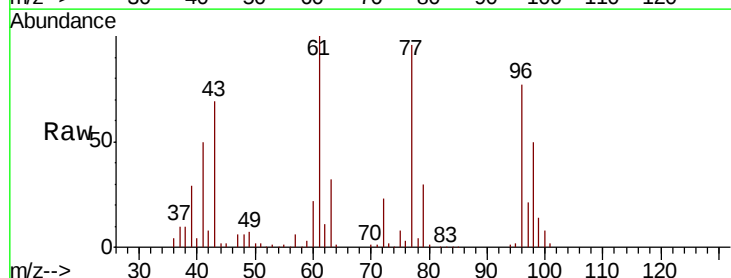
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

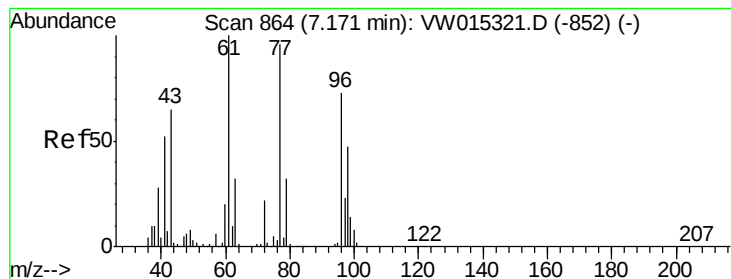
Tot Ion: 43 Resp: 104308
Ion Ratio Lower Upper
43 100
72 33.1 21.6 32.4#



#26
2,2-Dichloropropane
Concen: 43.197 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 77 Resp: 161036
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.5



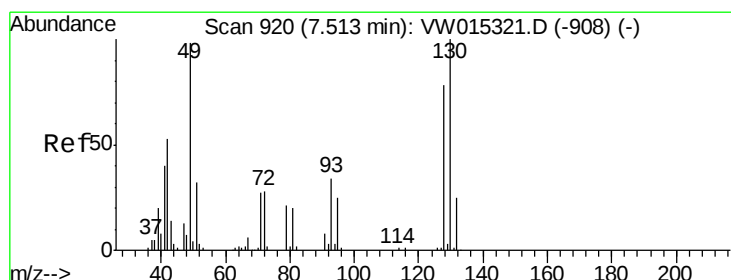
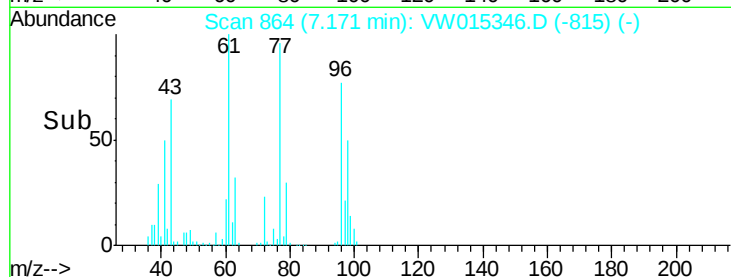
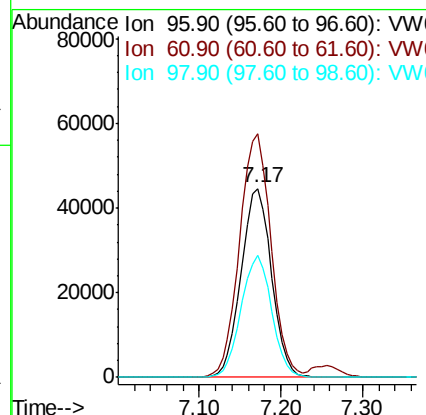
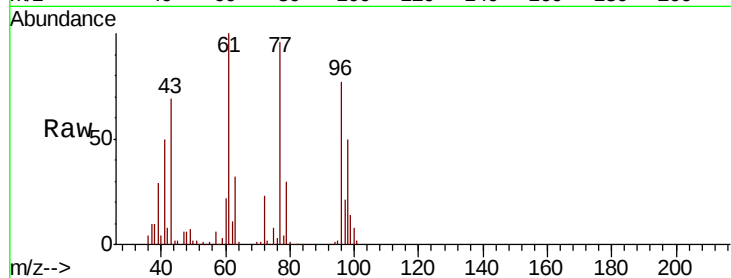


#27

cis-1,2-Dichloroethene
 Concen: 47.041 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

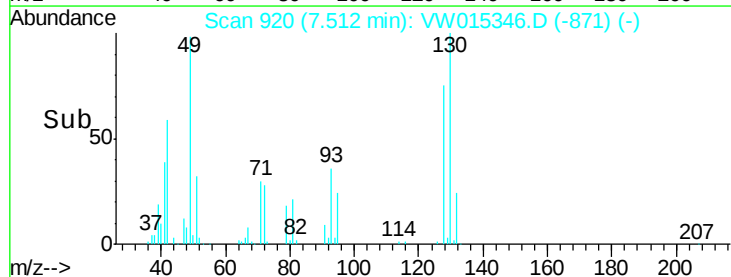
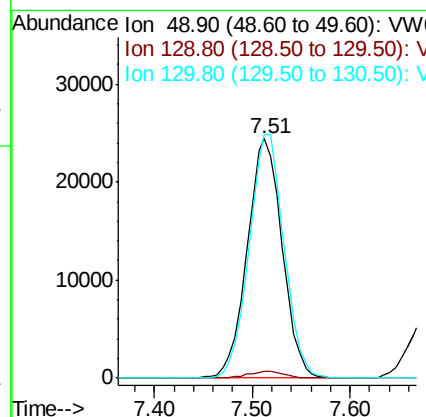
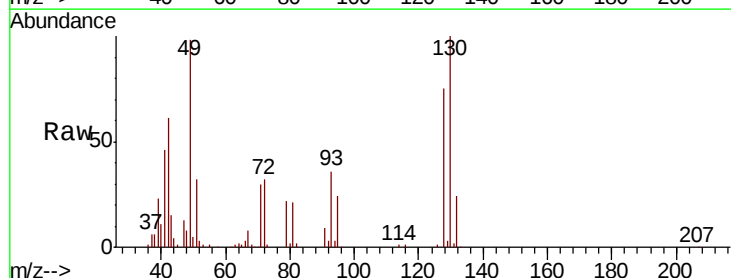
Tot Ion	96	Resp	115716
Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	275.0
98	64.7	0.0	130.8

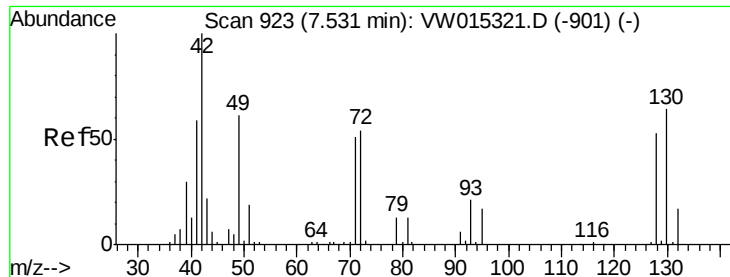


#28

Bromochloromethane
 Concen: 47.078 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	49	Resp	60654
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.6
130	101.7	60.9	91.3#

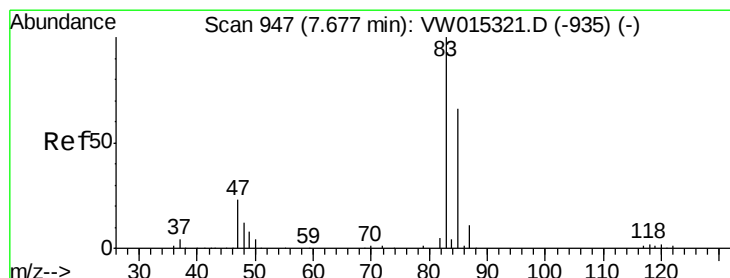
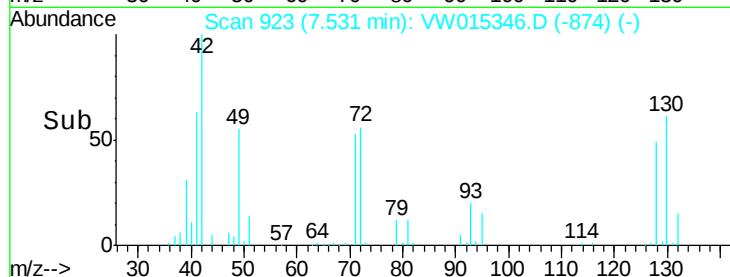
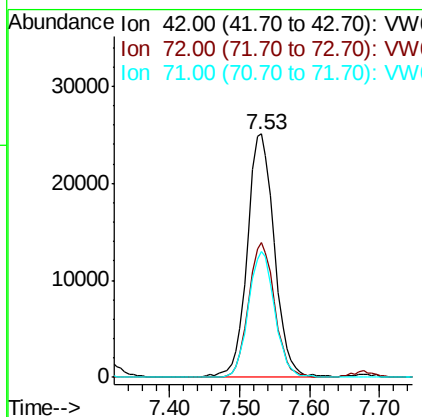
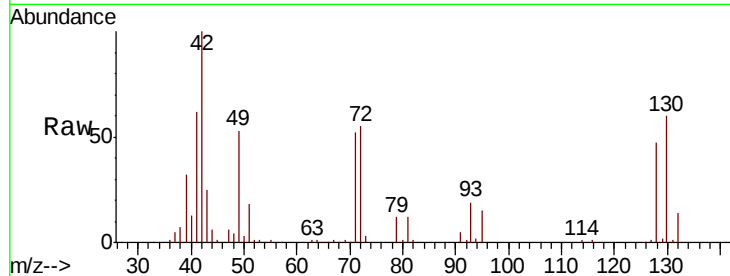




#29
Tetrahydrofuran
Concen: 243.277 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

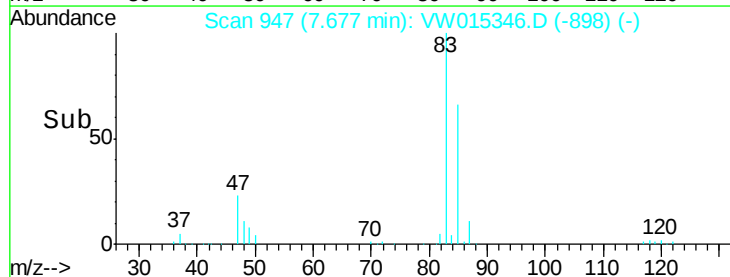
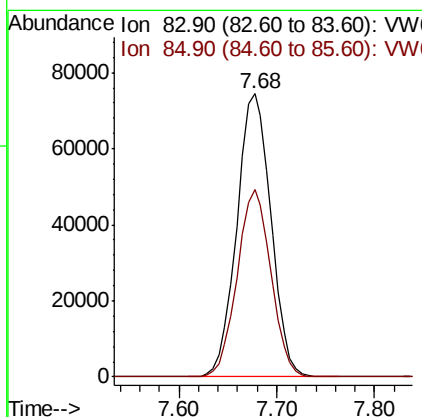
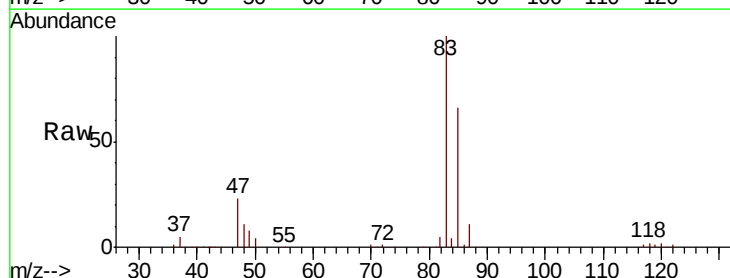
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

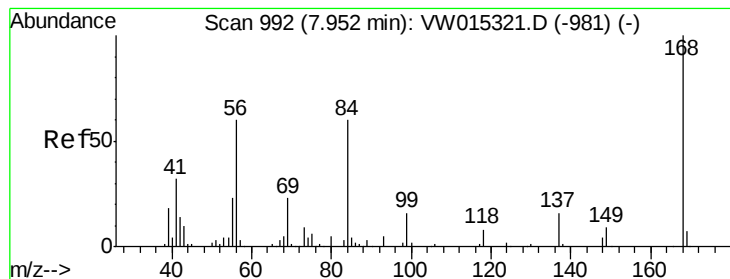
Tot Ion: 42 Resp: 67651
Ion Ratio Lower Upper
42 100
72 53.4 36.2 54.2
71 49.9 34.2 51.4



#30
Chloroform
Concen: 47.182 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 83 Resp: 180448
Ion Ratio Lower Upper
83 100
85 66.3 50.9 76.3





#31

Cyclohexane

Concen: 39.269 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

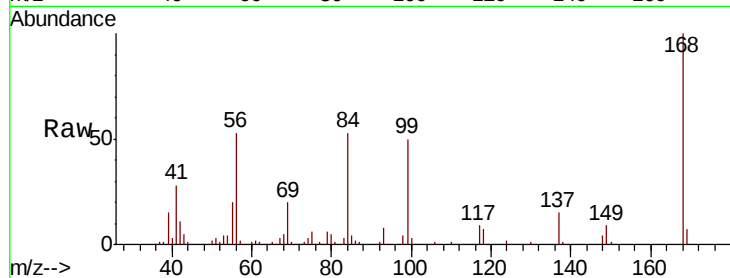
Tot Ion: 56 Resp: 139874

Ion Ratio Lower Upper

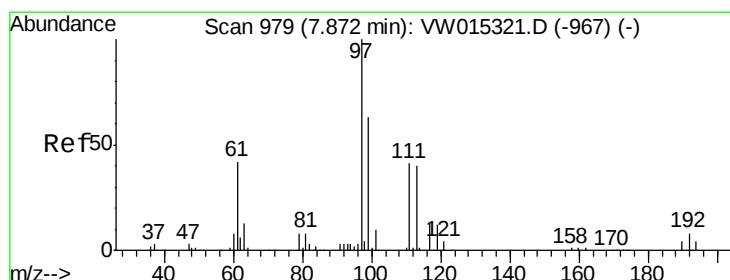
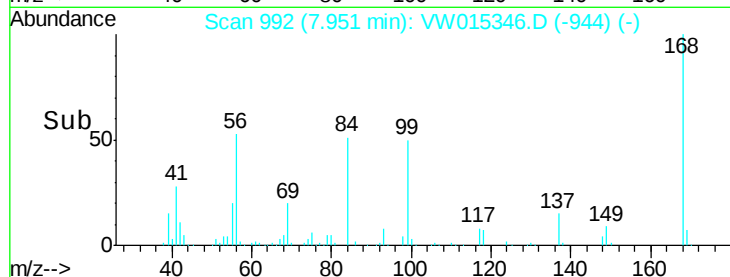
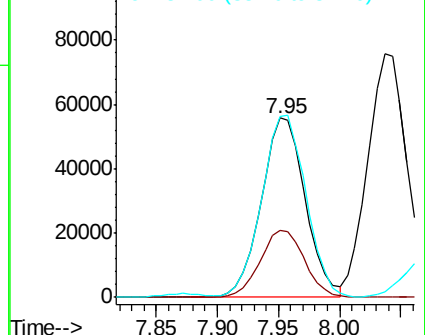
56 100

69 37.4 27.1 40.7

84 99.1 71.9 107.9



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: 45.382 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

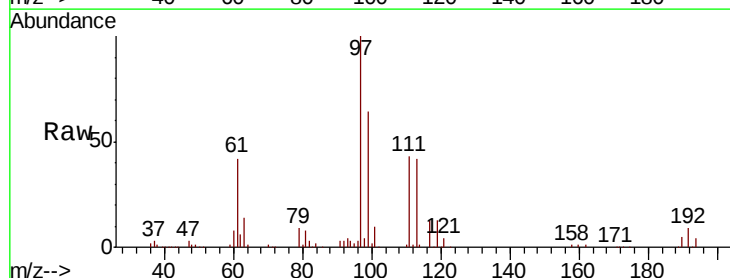
Tgt Ion: 97 Resp: 167511

Ion Ratio Lower Upper

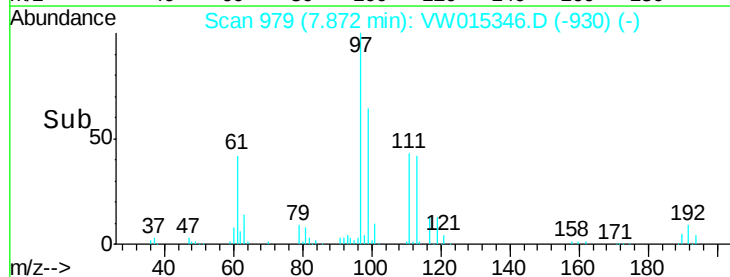
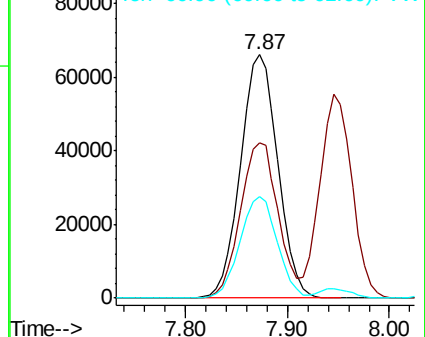
97 100

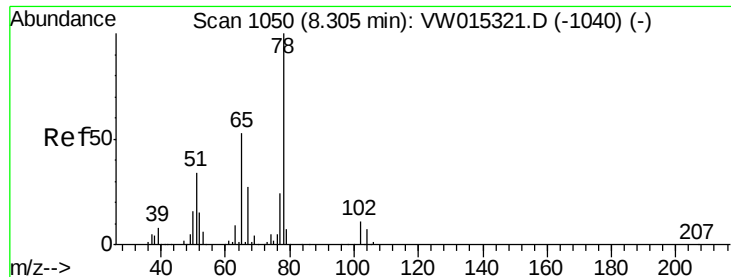
99 64.2 52.2 78.2

61 41.9 34.2 51.2



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

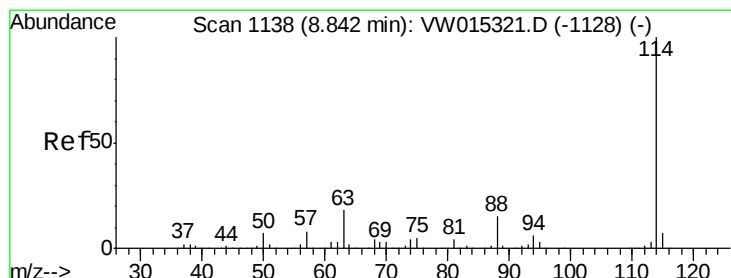
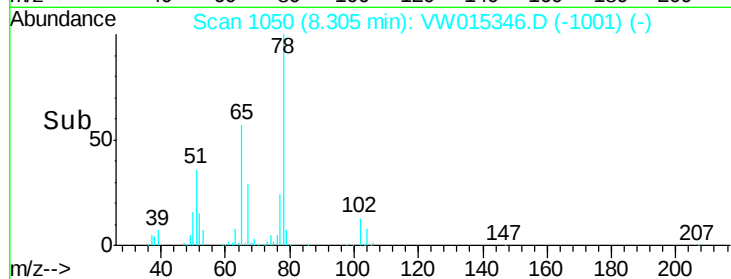
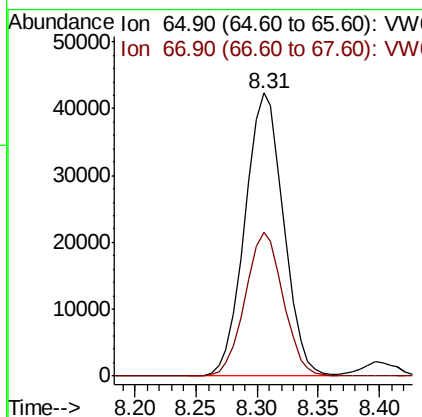
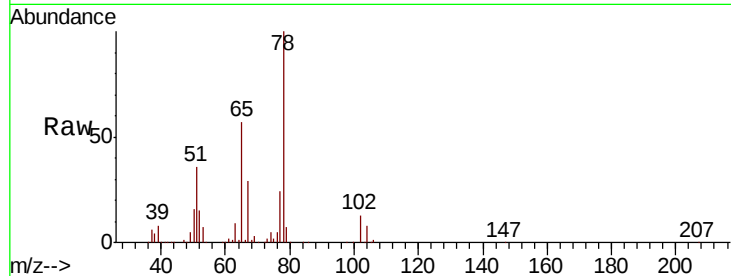




#33
 1,2-Dichloroethane-d4
 Concen: 48.382 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

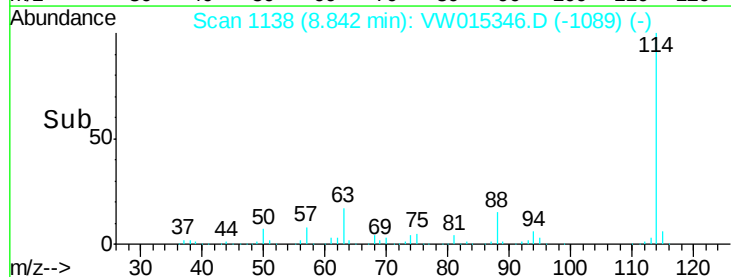
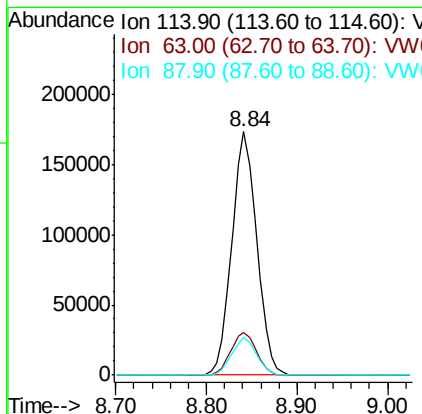
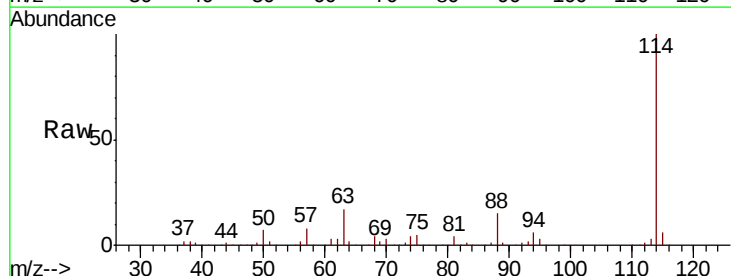
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

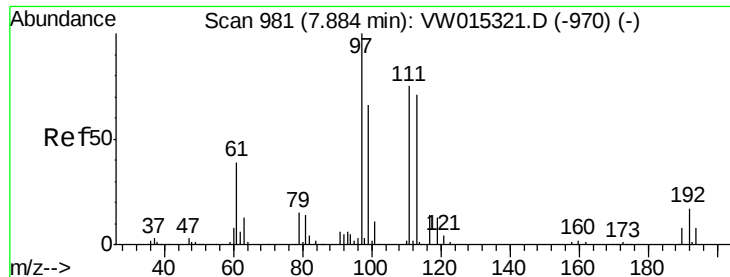
Tot Ion: 65 Resp: 93192
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 114 Resp: 331091
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 39.8
 88 15.2 0.0 30.2

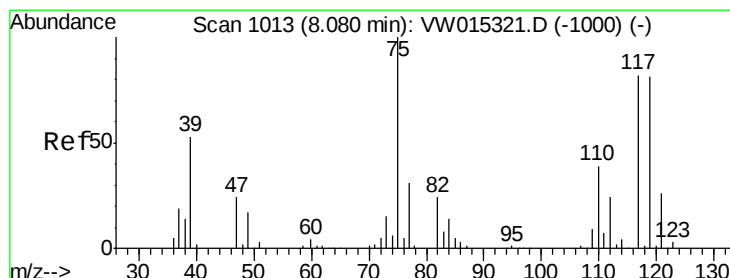
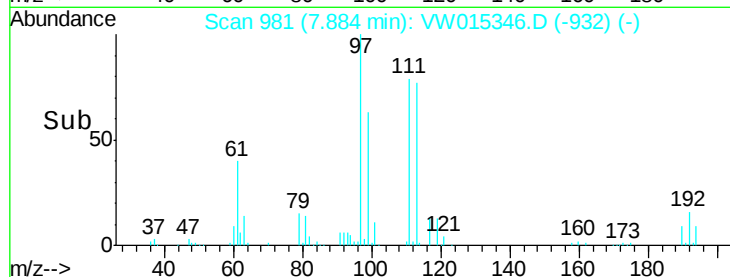
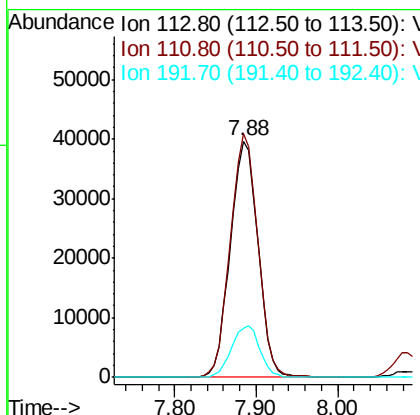
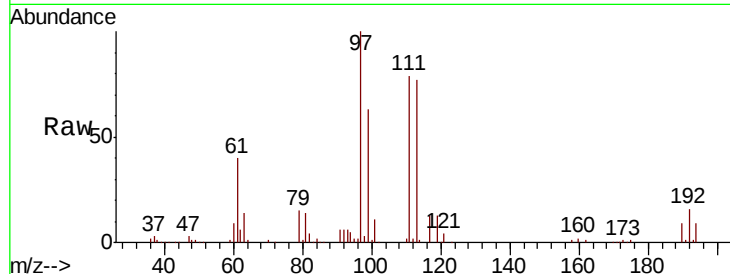




#35
 Dibromofluoromethane
 Concen: 50.589 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

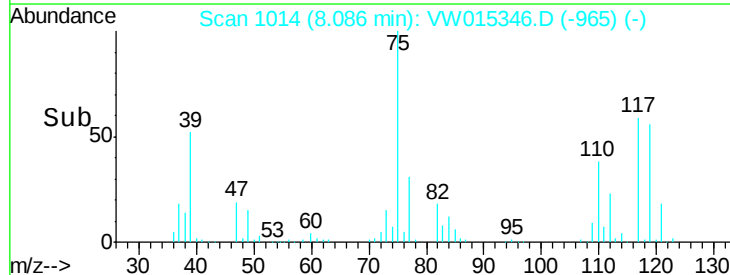
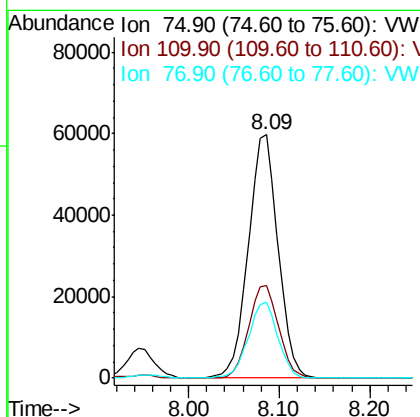
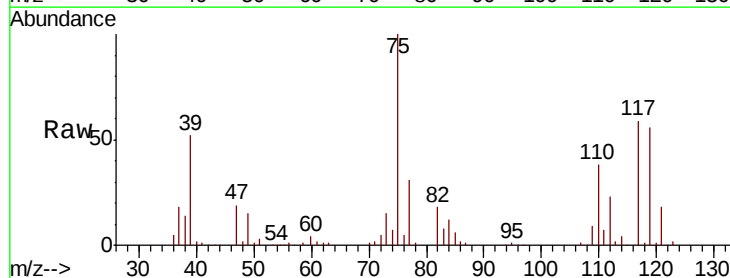
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

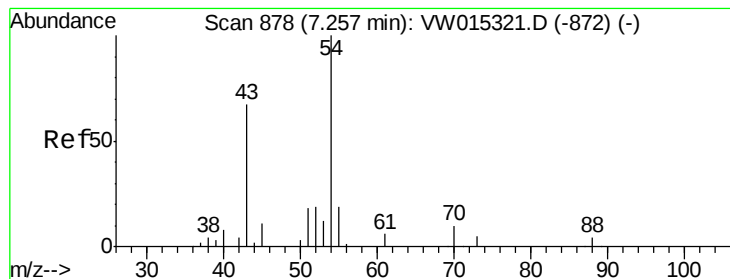
Tot Ion:113 Resp: 92779
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.4
 192 22.2 15.1 22.7



#36
 1,1-Dichloropropene
 Concen: 45.332 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 75 Resp: 135465
 Ion Ratio Lower Upper
 75 100
 110 38.2 18.2 54.6
 77 31.0 24.5 36.7





#37

Ethyl Acetate

Concen: 48.658 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

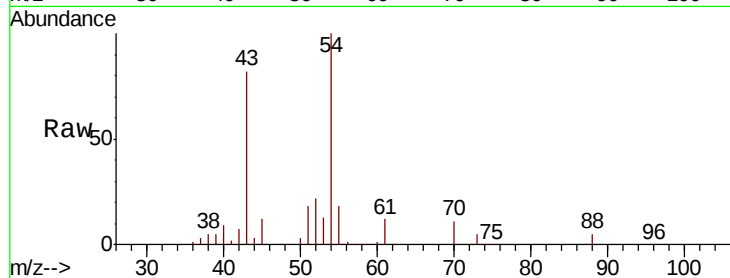
Tot Ion: 43 Resp: 47190

Ion Ratio Lower Upper

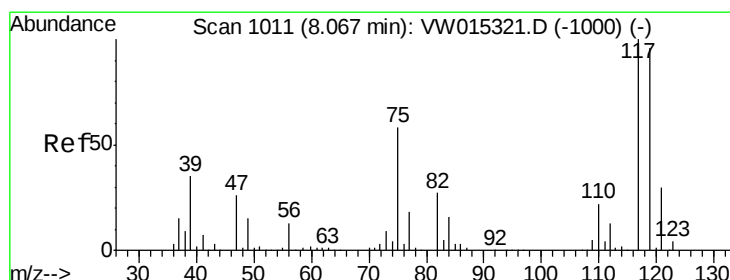
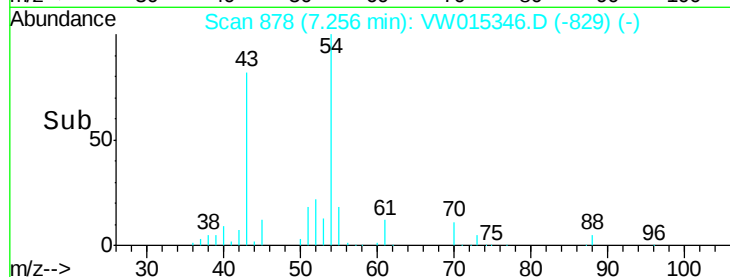
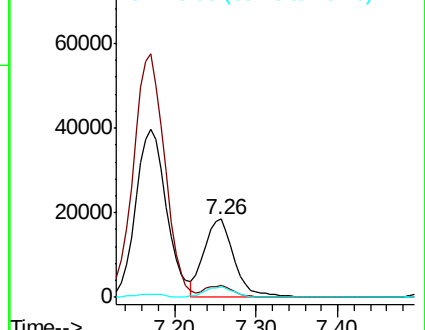
43 100

61 14.7 11.9 17.9

70 13.2 8.8 13.2#



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



#38

Carbon Tetrachloride

Concen: 46.714 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

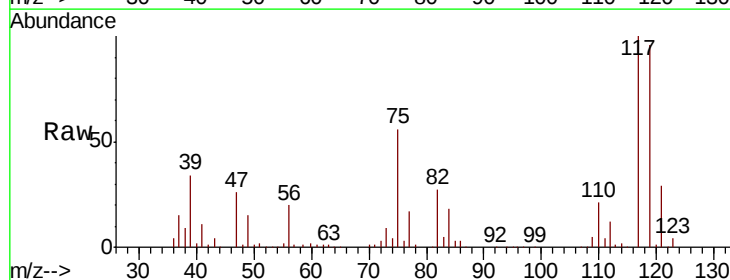
Tgt Ion: 117 Resp: 152549

Ion Ratio Lower Upper

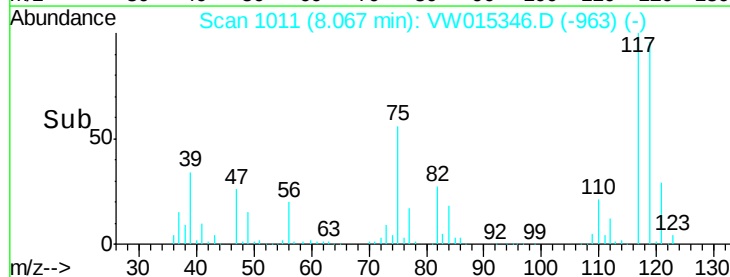
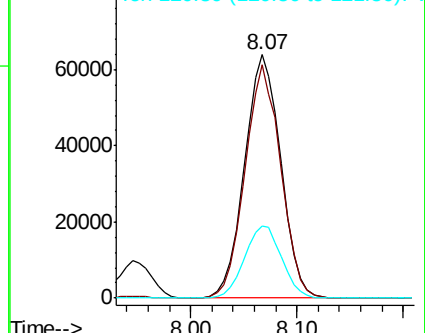
117 100

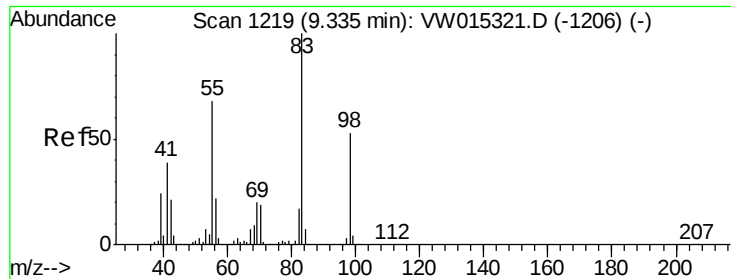
119 95.7 72.3 108.5

121 29.5 23.7 35.5



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

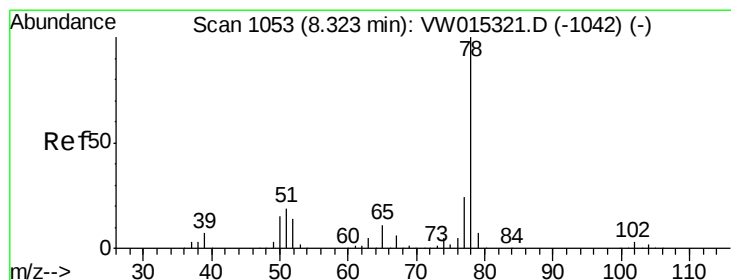
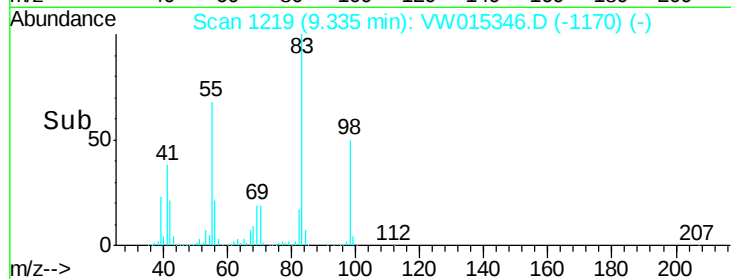
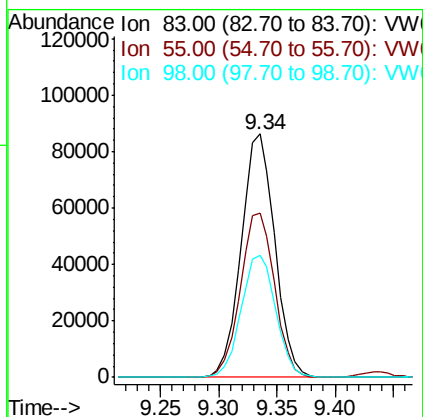
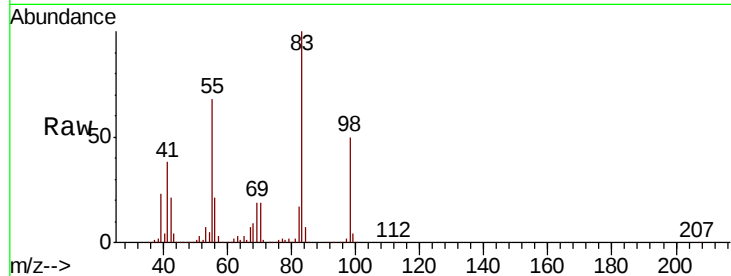




#39
Methvlcvclohexane
Concen: 43.777 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

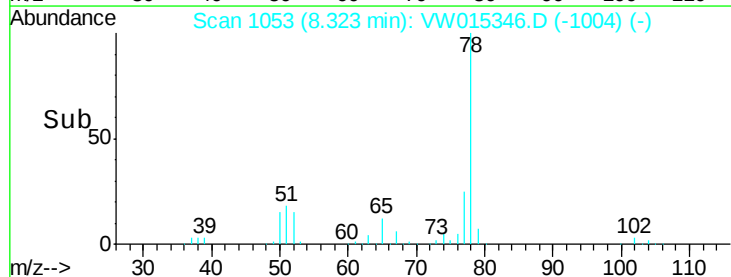
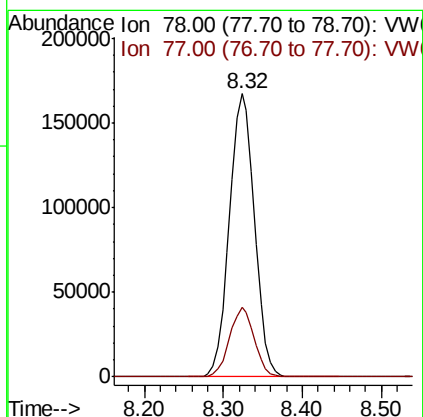
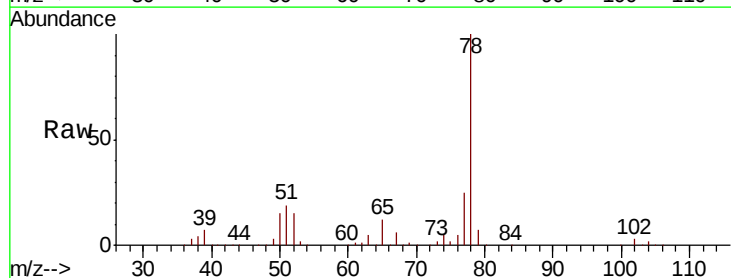
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

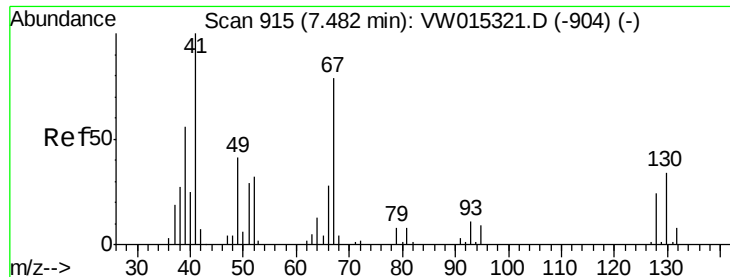
Tot Ion: 83 Resp: 174119
Ion Ratio Lower Upper
83 100
55 67.7 58.1 87.1
98 50.1 40.2 60.4



#40
Benzene
Concen: 46.379 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 78 Resp: 370222
Ion Ratio Lower Upper
78 100
77 24.8 18.2 27.2





#41

Methacrylonitrile

Concen: 46.880 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 27280

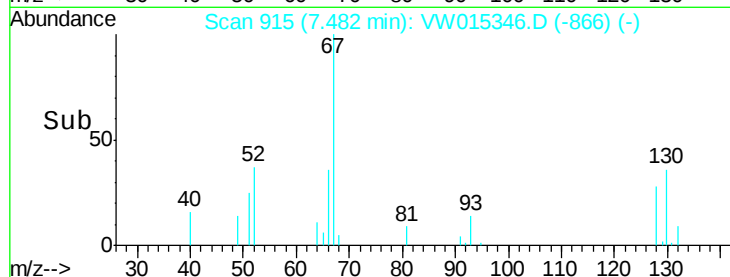
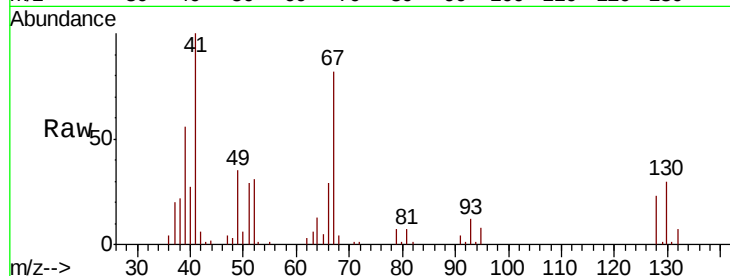
Ion Ratio Lower Upper

41 100

39 64.2 41.9 62.9#

67 86.9 60.6 91.0

52 35.8 23.8 35.8#

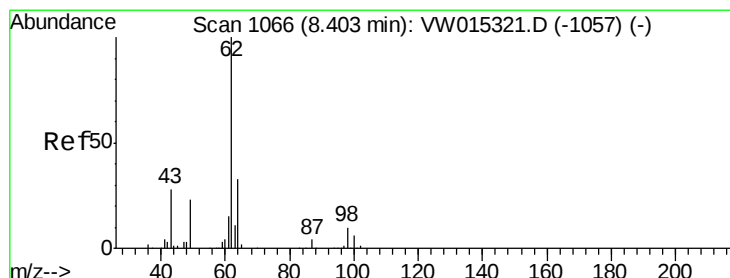
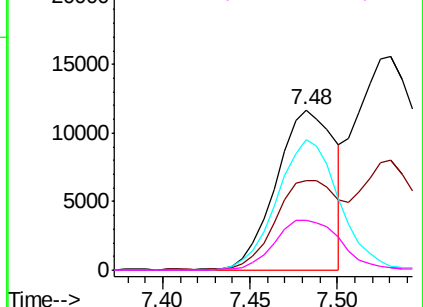


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 49.525 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW015346.D

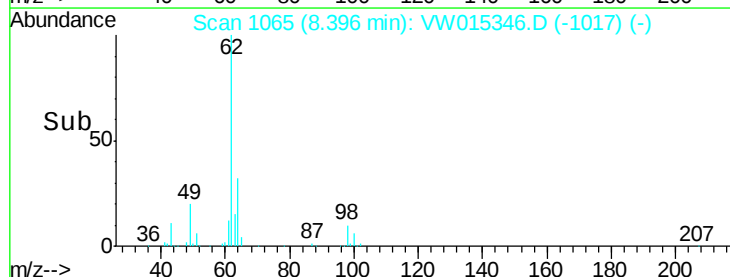
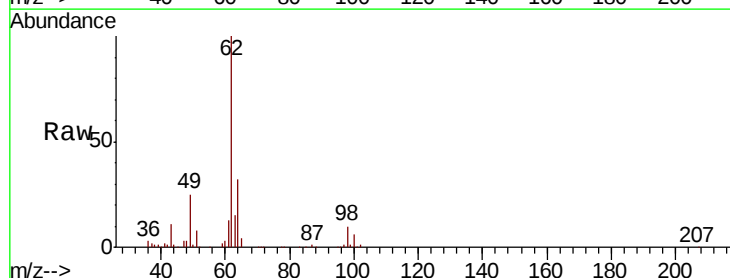
Acq: 24 Apr 2020 16:50

Tgt Ion: 62 Resp: 116381

Ion Ratio Lower Upper

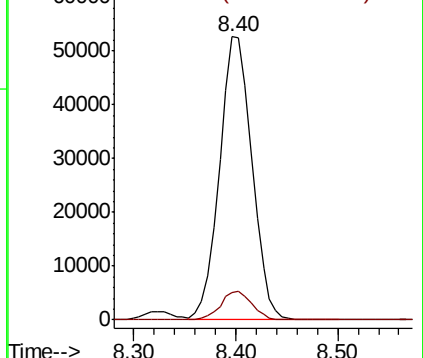
62 100

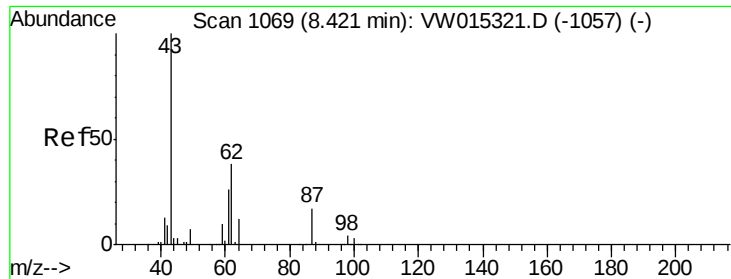
98 9.8 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 48.332 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

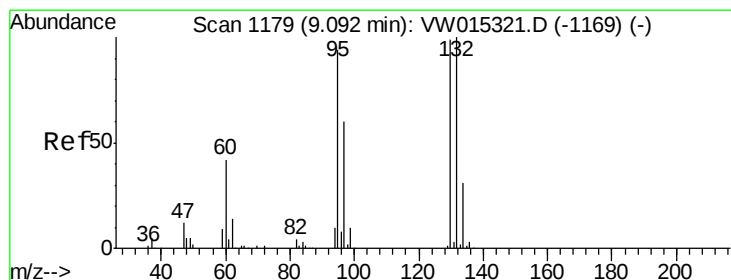
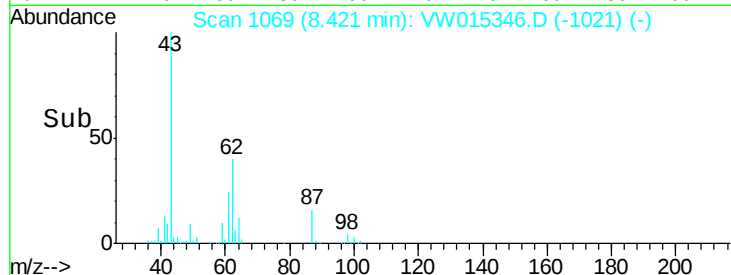
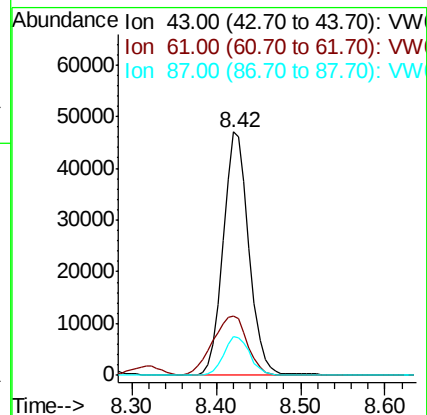
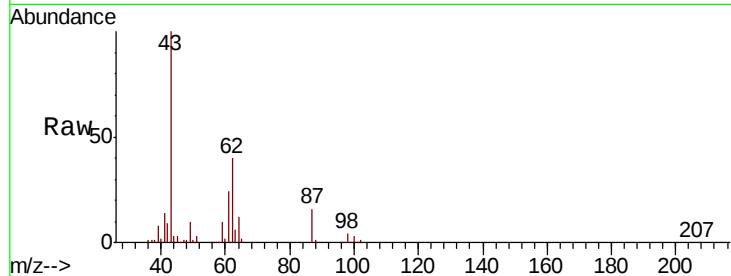
Tot Ion: 43 Resp: 98310

Ion Ratio Lower Upper

43 100

61 33.1 24.8 37.2

87 16.1 11.4 17.2



#44

Trichloroethene

Concen: 48.311 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015346.D

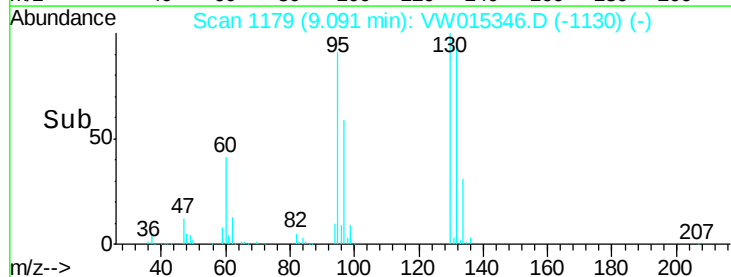
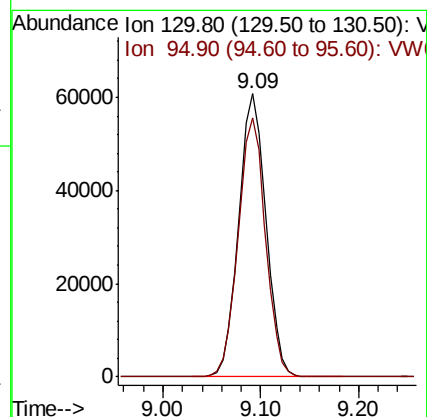
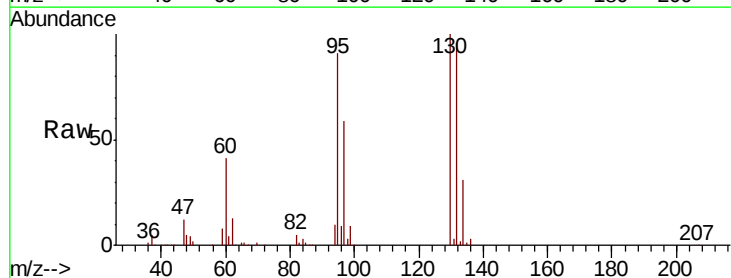
Acq: 24 Apr 2020 16:50

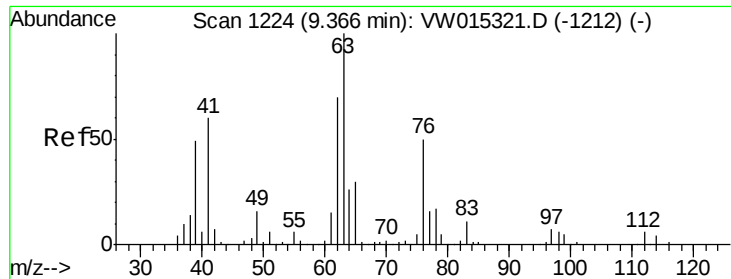
Tgt Ion: 130 Resp: 117962

Ion Ratio Lower Upper

130 100

95 91.5 0.0 196.4

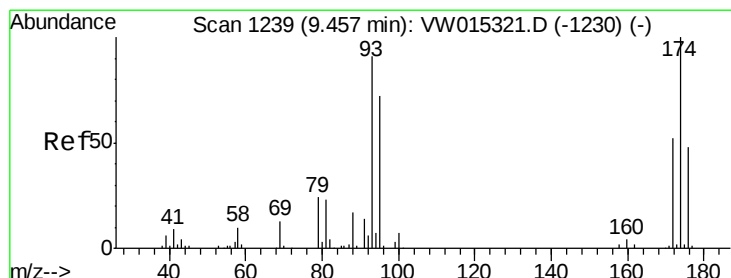
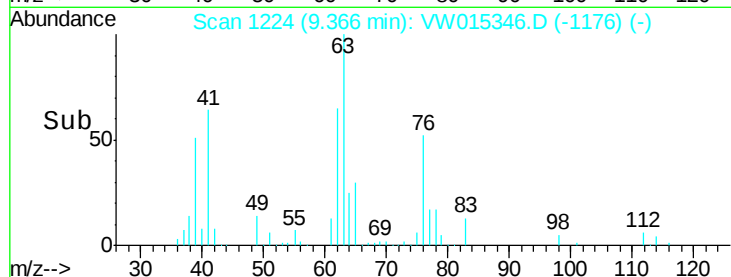
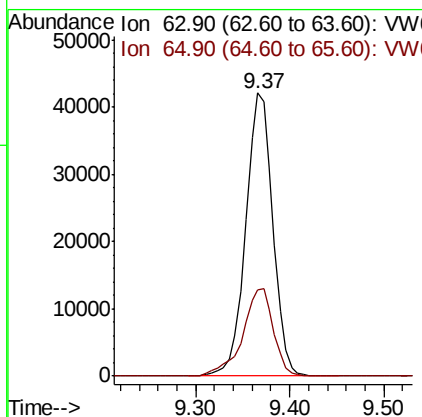
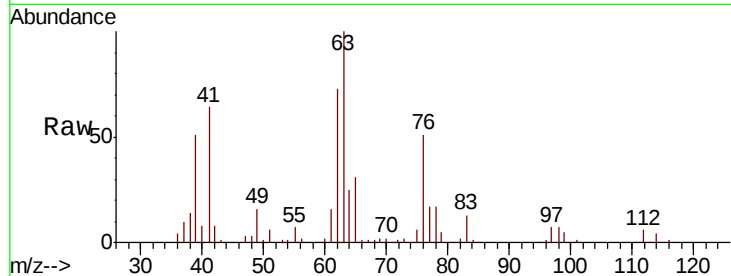




#45
 1,2-Dichloropropane
 Concen: 45.751 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

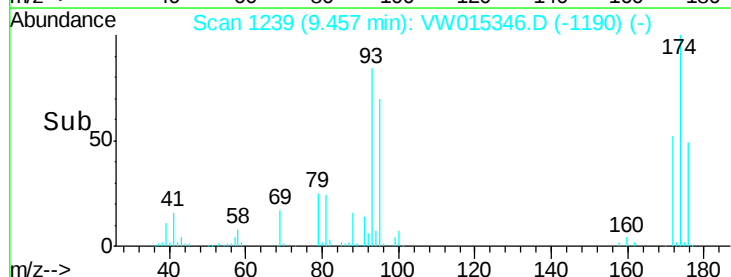
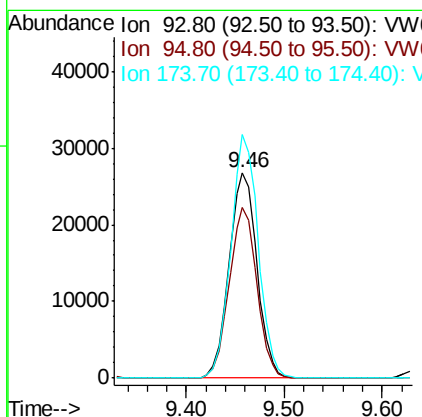
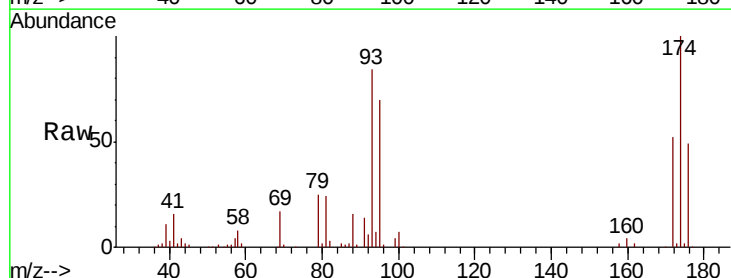
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

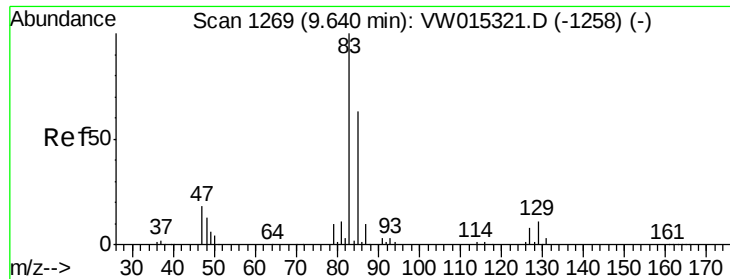
Tot Ion: 63 Resp: 84930
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.5 38.3



#46
 Dibromomethane
 Concen: 49.403 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 93 Resp: 53050
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.5 101.3
 174 116.1 74.1 111.1#

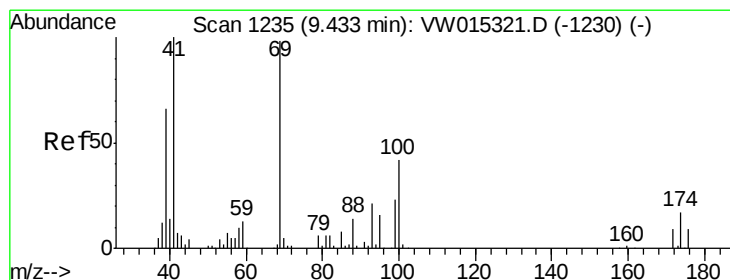
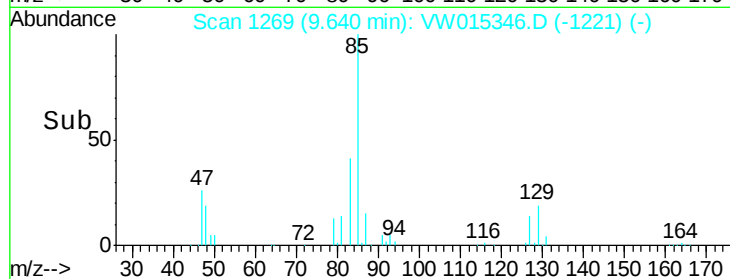
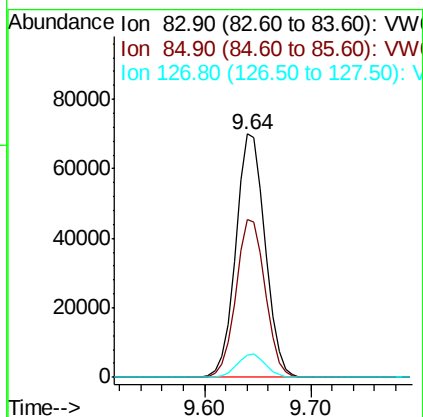
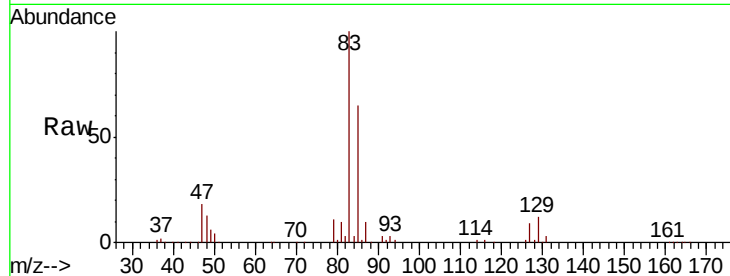




#47
Bromodichloromethane
Concen: 47.132 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

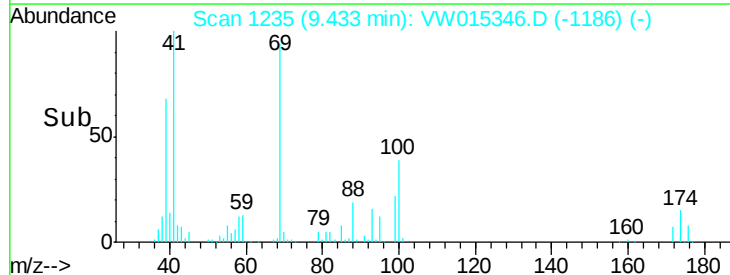
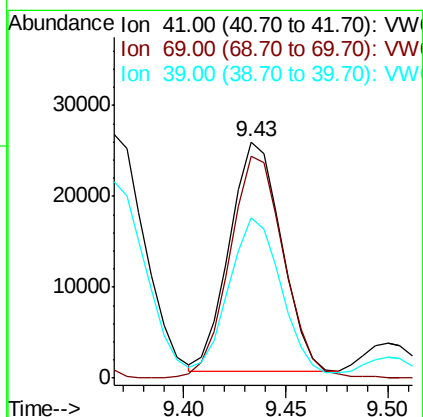
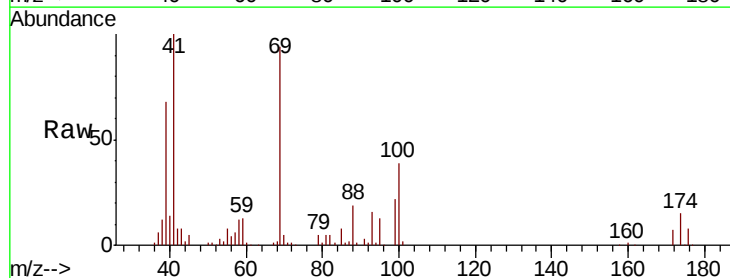
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

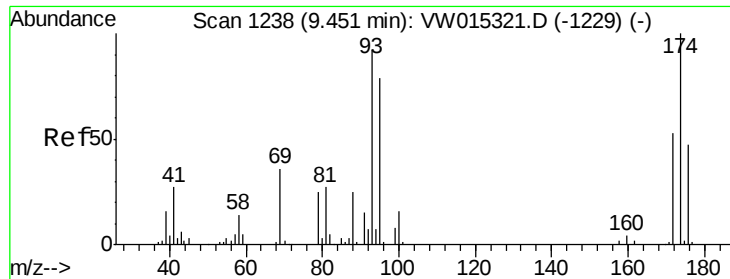
Tot Ion: 83 Resp: 135296
Ion Ratio Lower Upper
83 100
85 65.1 50.6 76.0
127 8.9 6.7 10.1



#48
Methyl methacrylate
Concen: 46.309 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 41 Resp: 44529
Ion Ratio Lower Upper
41 100
69 102.0 70.6 105.8
39 67.3 42.6 64.0#

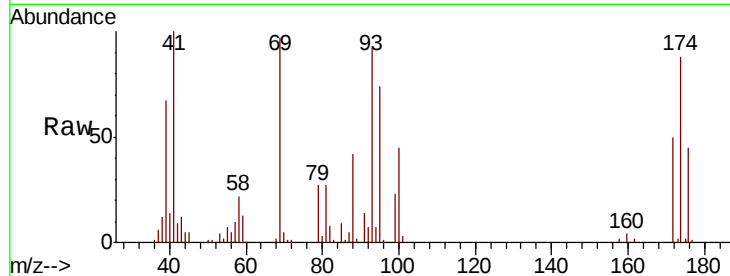




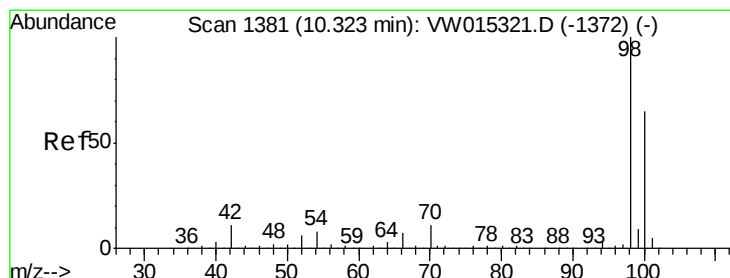
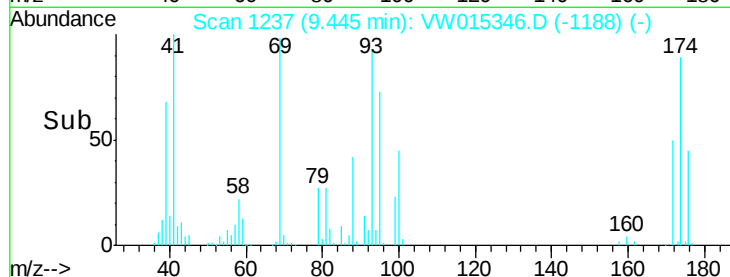
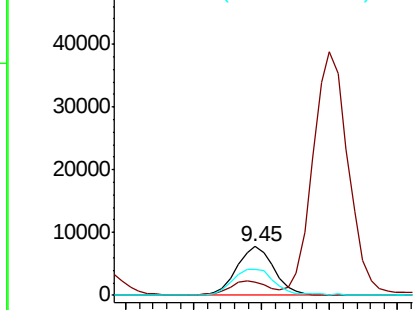
#49
1,4-Dioxane
Concen: 1055.096 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 15104
Ion Ratio Lower Upper
88 100
43 29.2 23.5 35.3
58 58.7 55.4 83.2

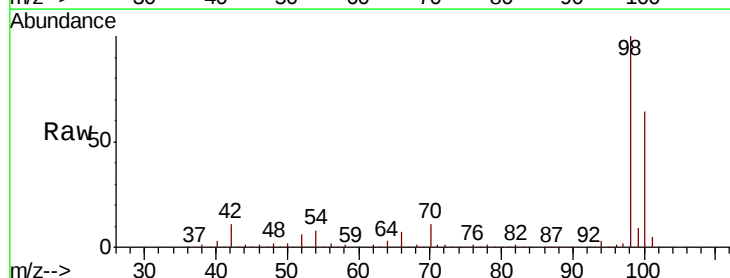


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

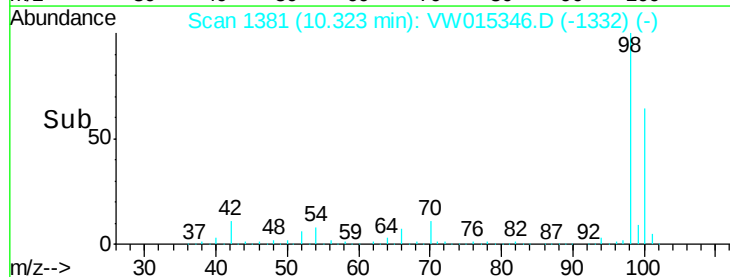
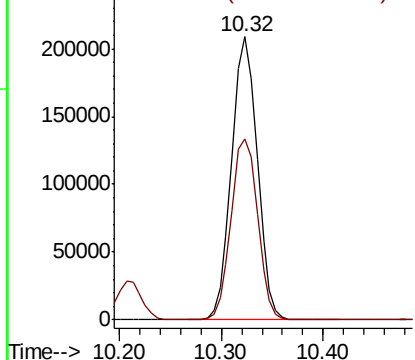


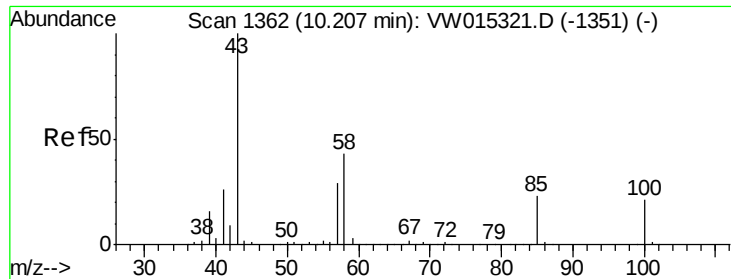
#50
Toluene-d8
Concen: 47.183 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 98 Resp: 364014
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



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: 248.232 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

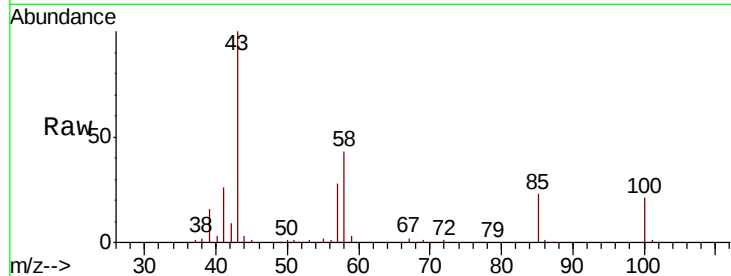
VSTDCCC050EC

Tot Ion: 43 Resp: 237023

Ion Ratio Lower Upper

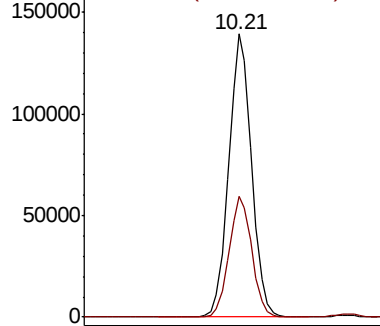
43 100

58 42.7 32.3 48.5

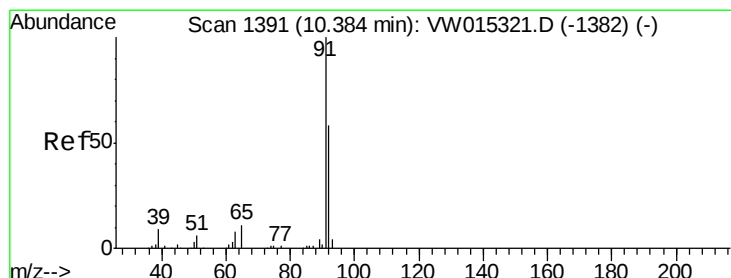
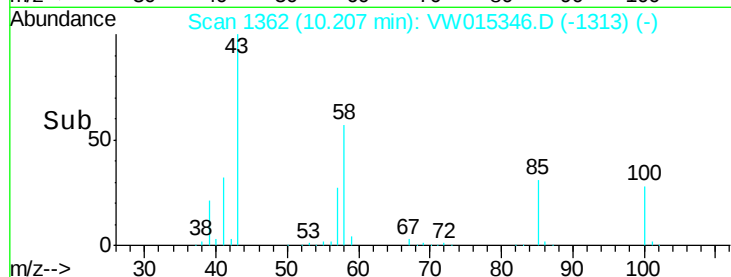


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#52

Toluene

Concen: 48.005 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015346.D

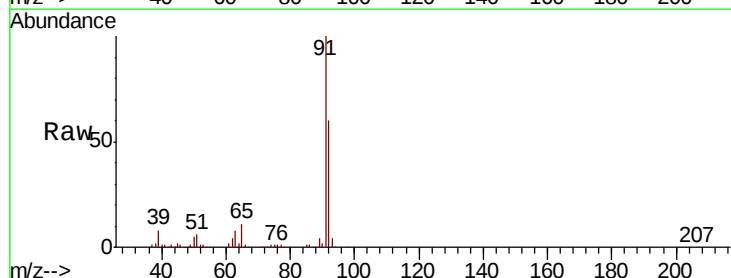
Acq: 24 Apr 2020 16:50

Tgt Ion: 92 Resp: 268186

Ion Ratio Lower Upper

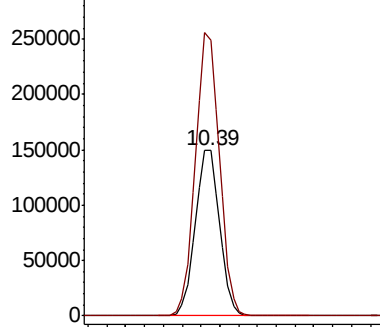
92 100

91 168.8 137.1 205.7

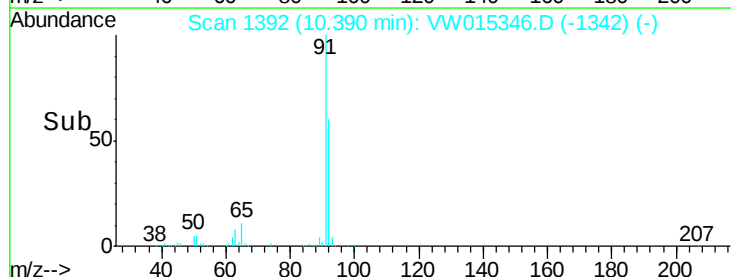


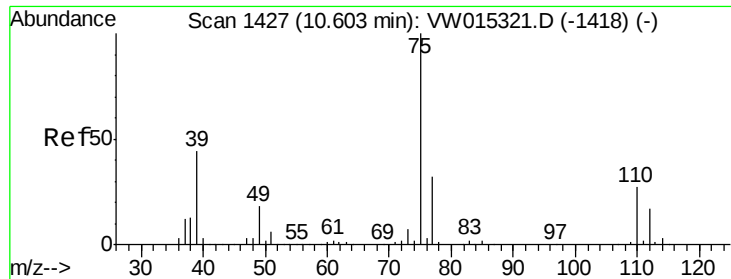
Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->





#53

t-1,3-Dichloropropene

Concen: 48.063 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

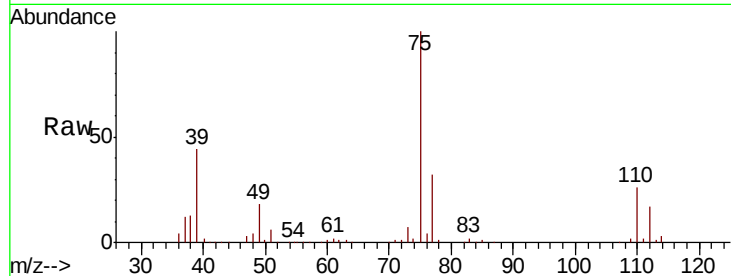
VSTDCCC050EC

Tot Ion: 75 Resp: 136041

Ion Ratio Lower Upper

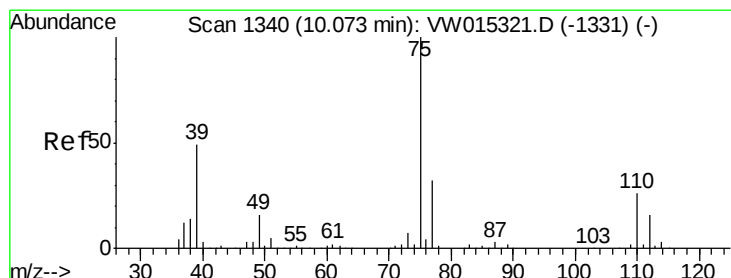
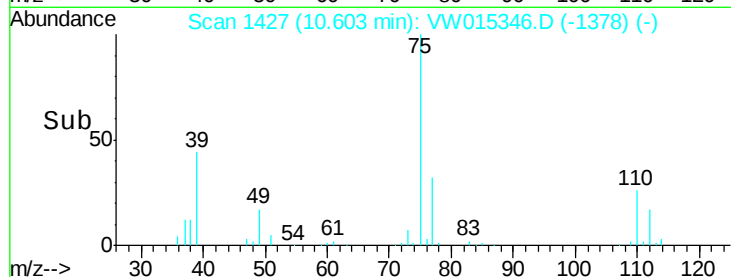
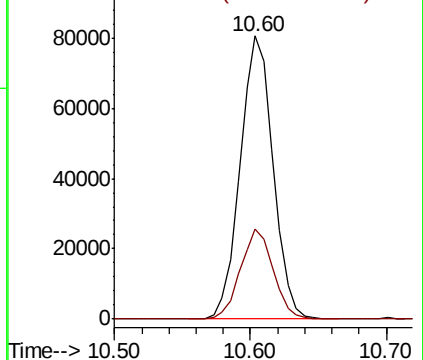
75 100

77 31.6 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 46.861 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

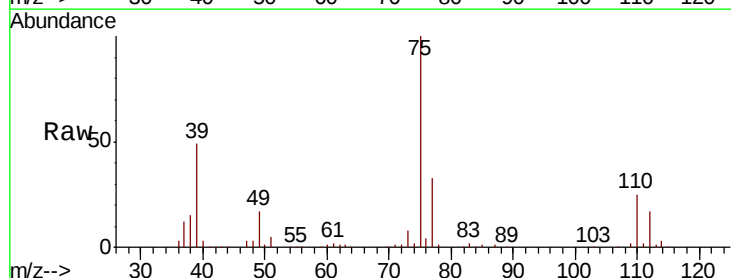
Tgt Ion: 75 Resp: 154171

Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

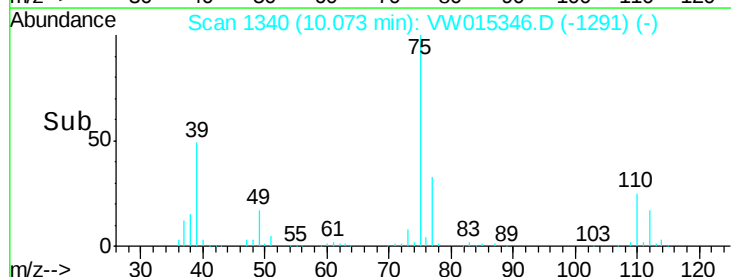
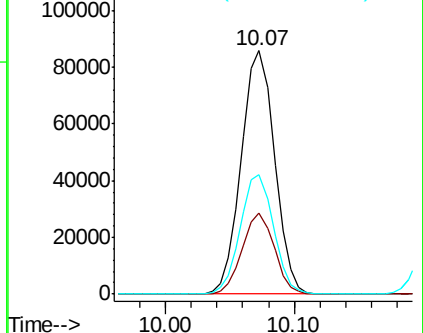
39 49.2 37.8 56.6

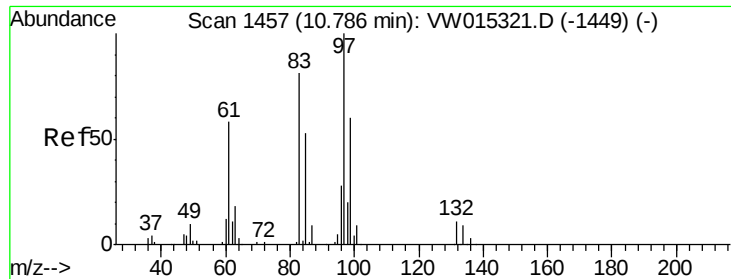


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



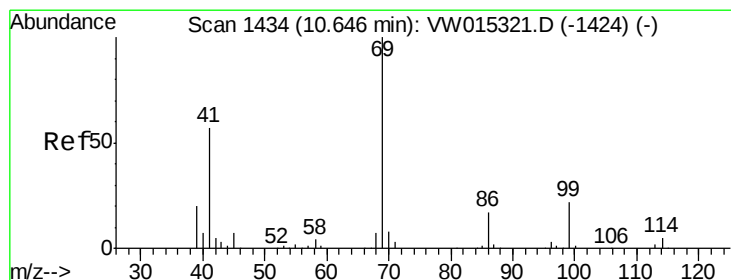
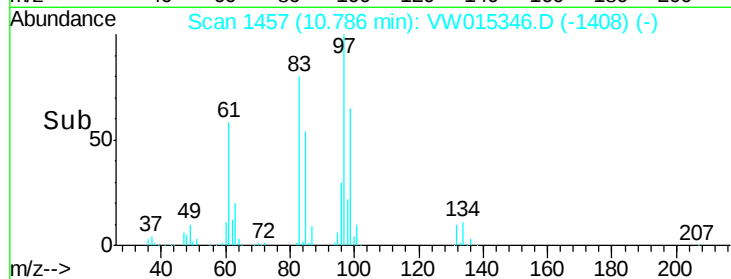
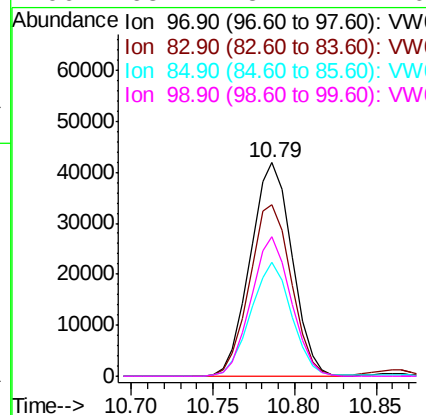
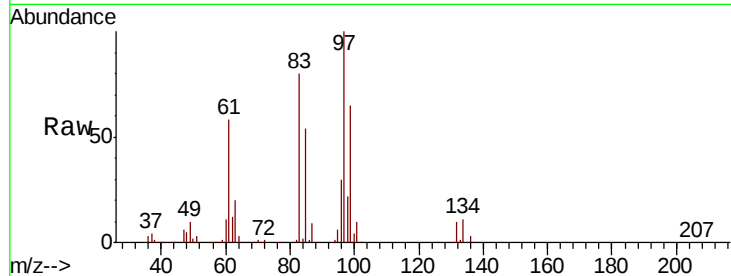


#55
 1,1,2-Trichloroethane
 Concen: 49.601 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 74581

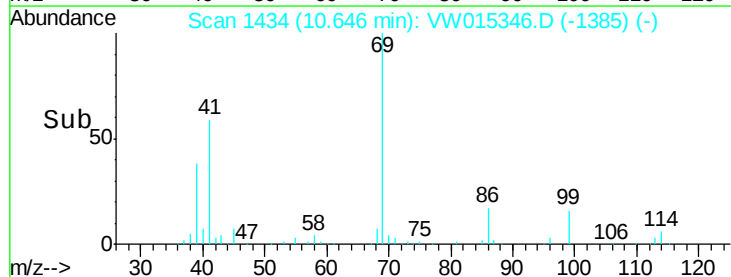
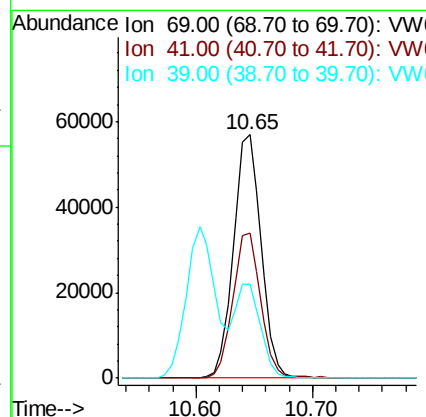
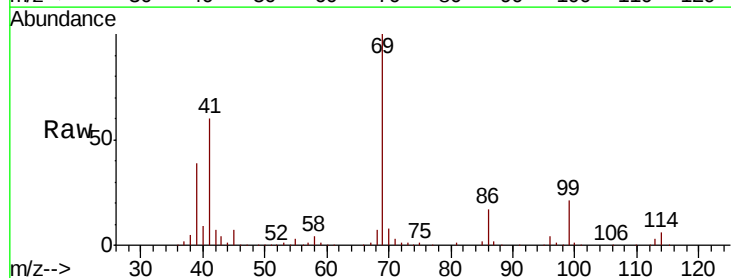
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.3	100.9
85	53.6	43.8	65.8
99	65.1	51.4	77.0

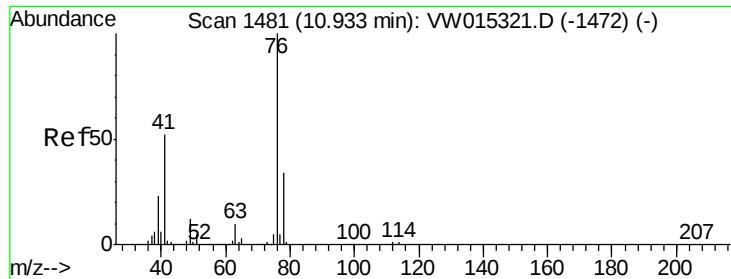


#56
 Ethyl methacrylate
 Concen: 48.667 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 69 Resp: 94271

Ion	Ratio	Lower	Upper
69	100		
41	59.1	51.3	76.9
39	35.1	24.6	37.0

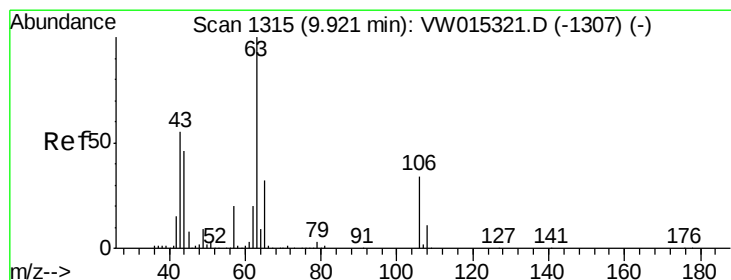
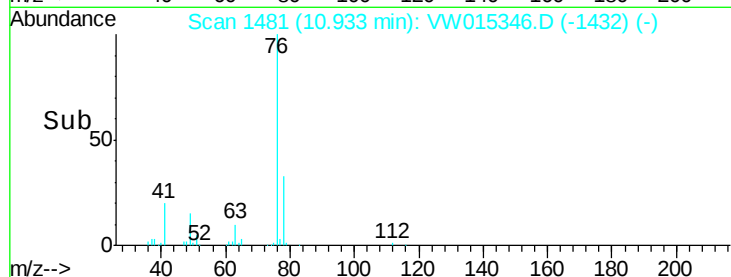
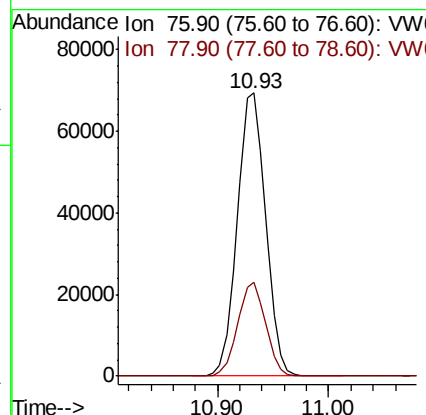
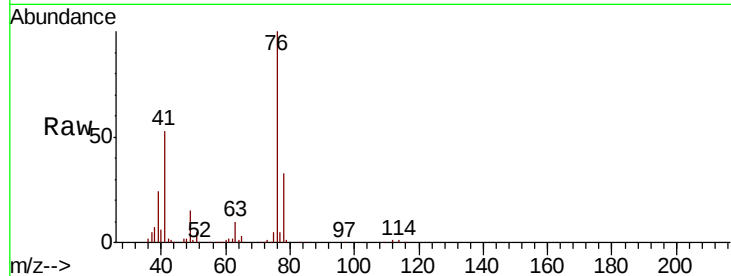




#57
 1,3-Dichloropropane
 Concen: 49.065 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

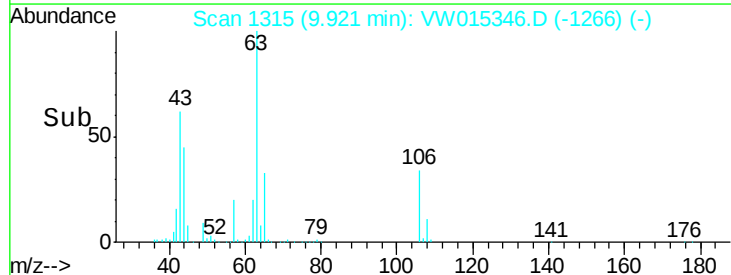
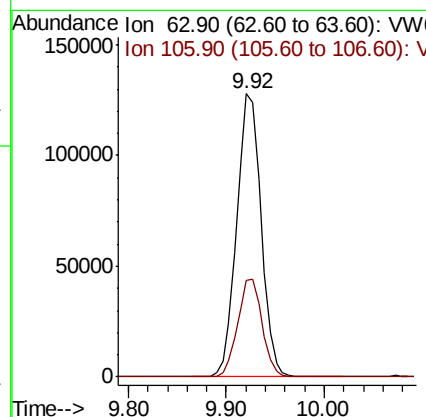
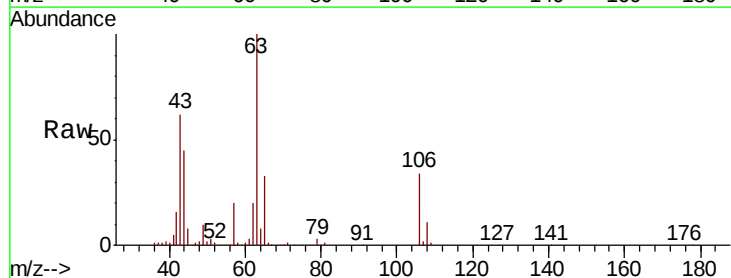
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

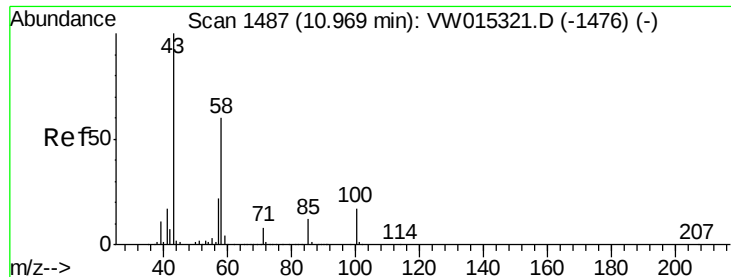
Tot Ion: 76 Resp: 122210
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.930 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 63 Resp: 221756
 Ion Ratio Lower Upper
 63 100
 106 34.4 22.6 33.8#

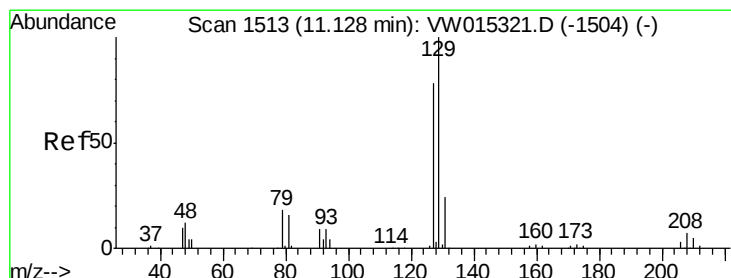
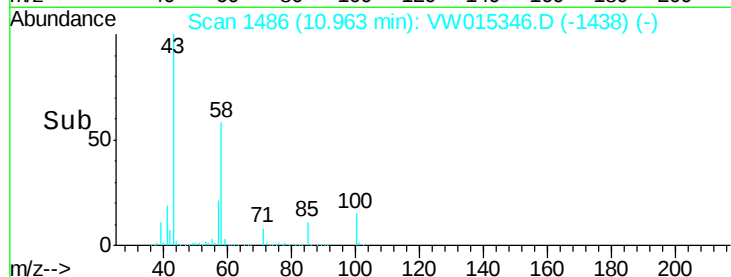
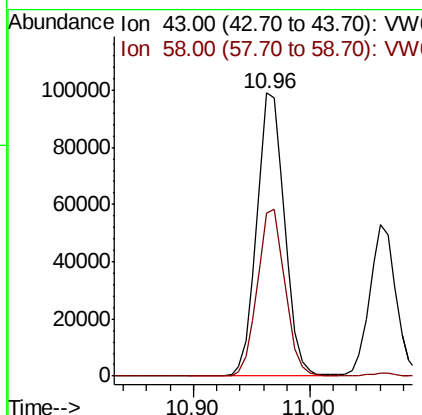
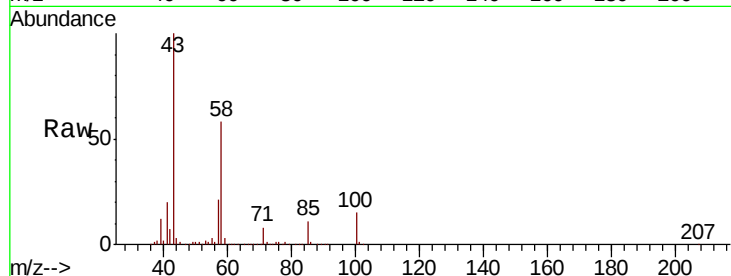




#59
2-Hexanone
Concen: 242.345 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

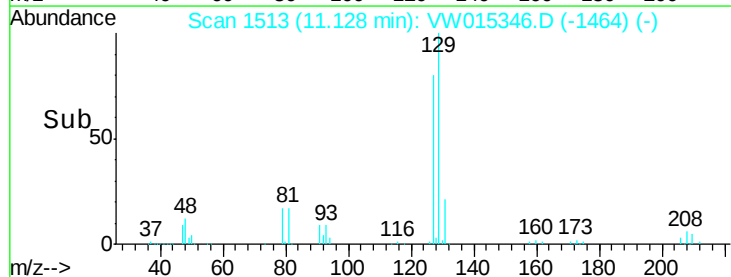
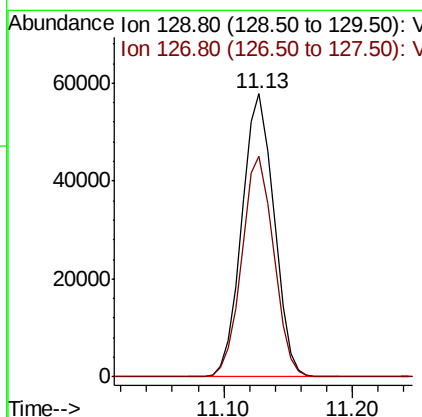
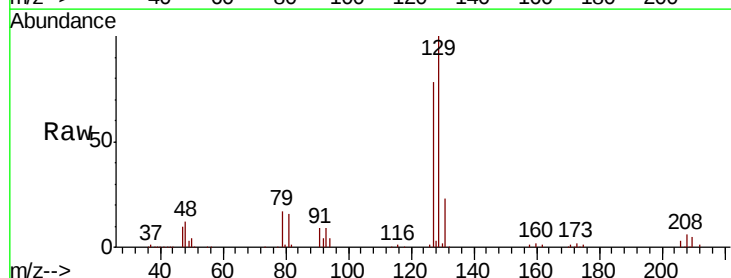
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

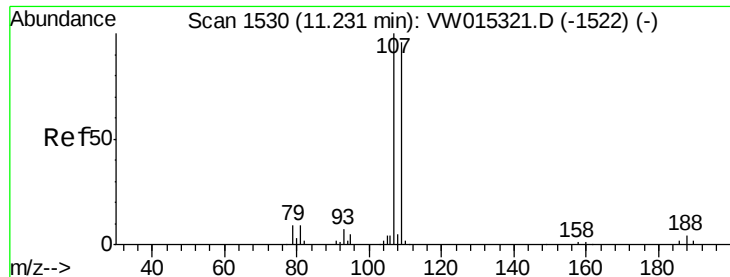
Tot Ion: 43 Resp: 165183
Ion Ratio Lower Upper
43 100
58 58.6 28.1 84.3



#60
Dibromochloromethane
Concen: 50.178 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 129 Resp: 99619
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8

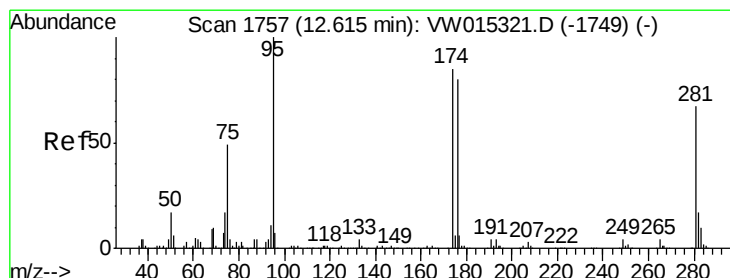
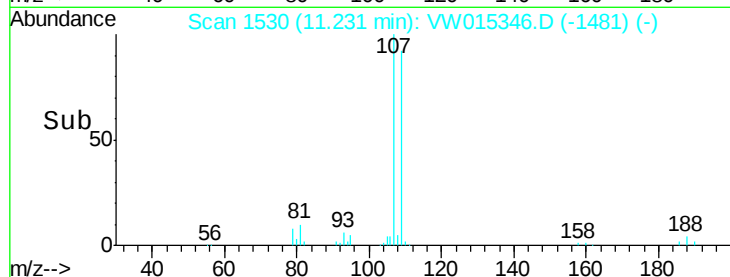
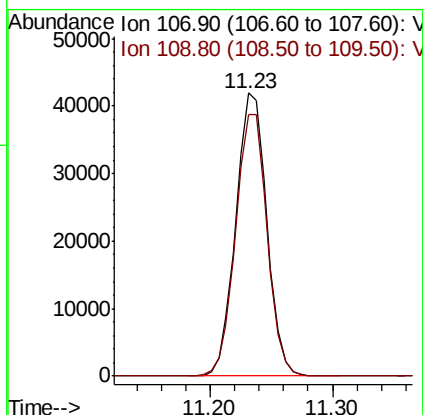
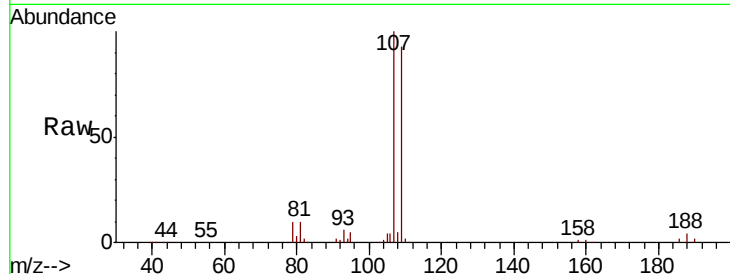




#61
 1,2-Dibromoethane
 Concen: 50.098 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

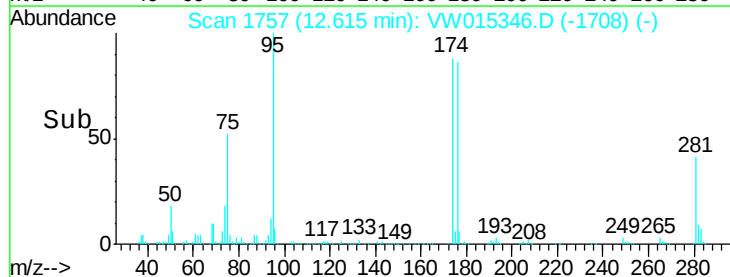
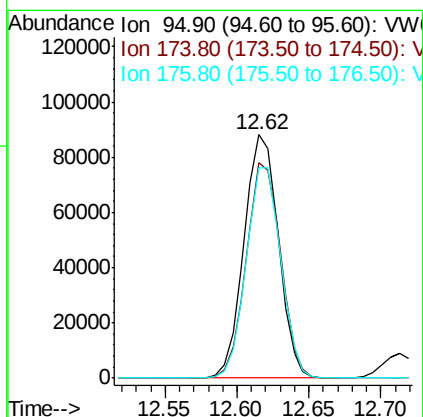
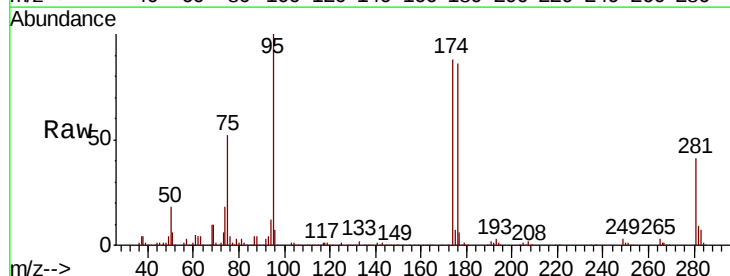
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

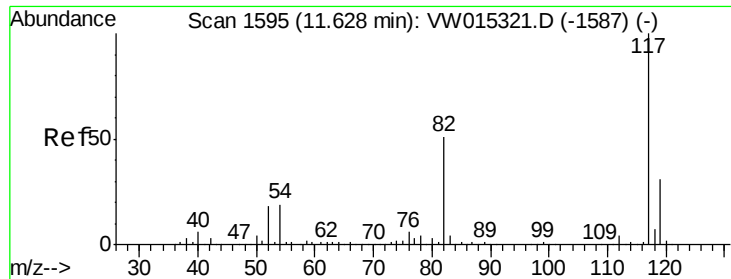
Tot Ion: 107 Resp: 73503
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 49.246 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 95 Resp: 144963
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 144.4
 176 87.4 0.0 140.6

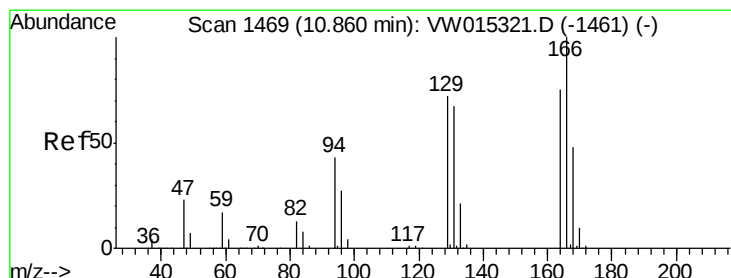
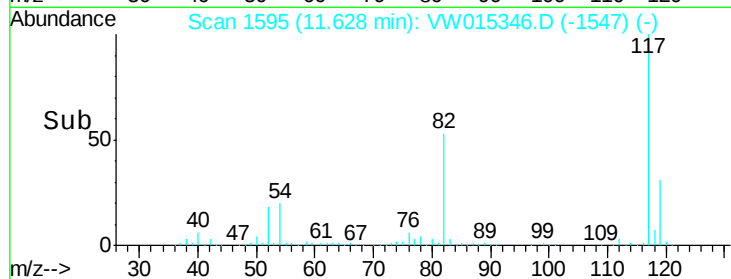
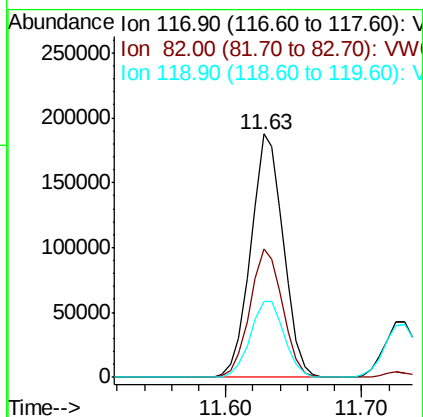
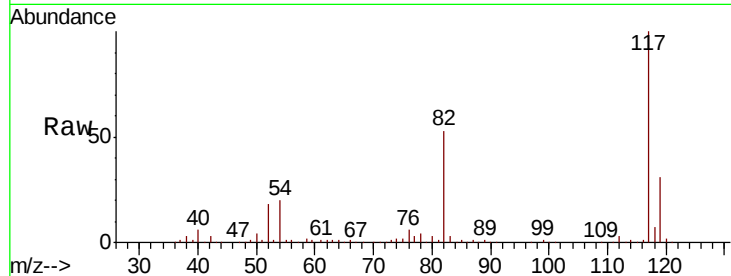




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

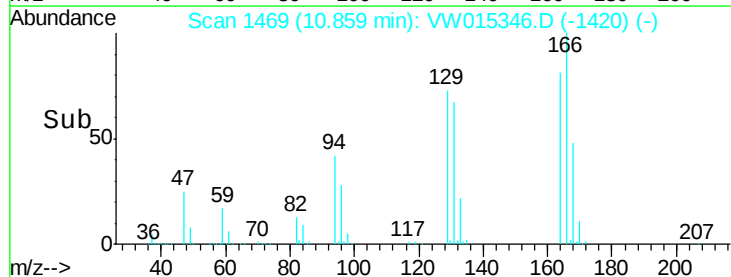
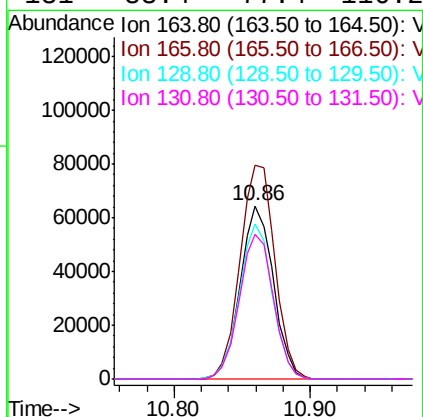
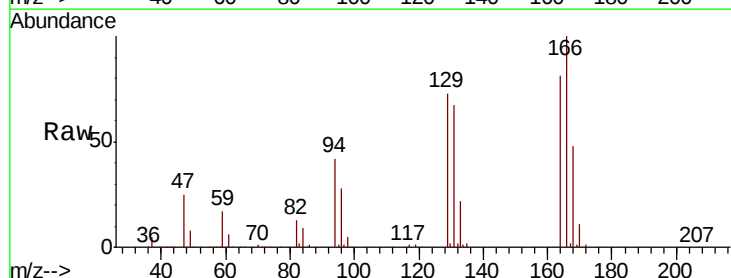
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

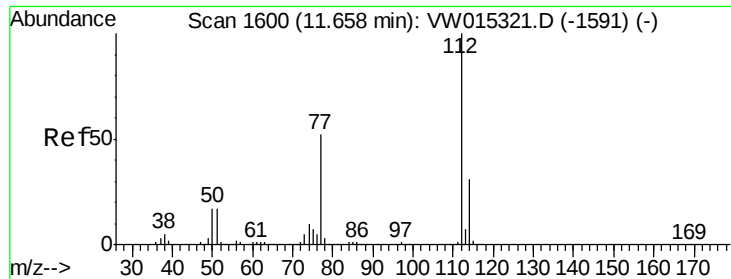
Tot Ion:117 Resp: 314712
Ion Ratio Lower Upper
117 100
82 53.0 44.1 66.1
119 31.4 24.9 37.3



#64
Tetrachloroethene
Concen: 48.707 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion:164 Resp: 109402
Ion Ratio Lower Upper
164 100
166 123.6 102.6 154.0
129 89.7 80.2 120.2
131 83.4 77.4 116.2

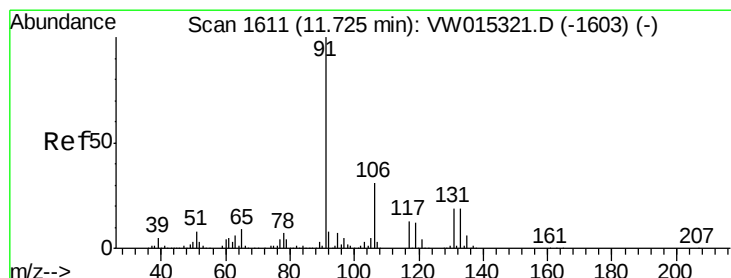
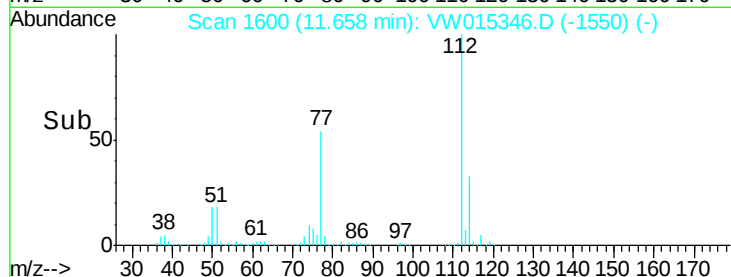
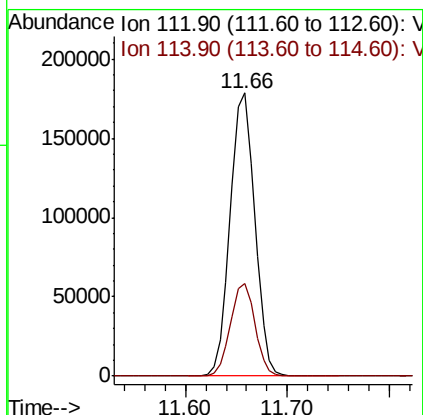
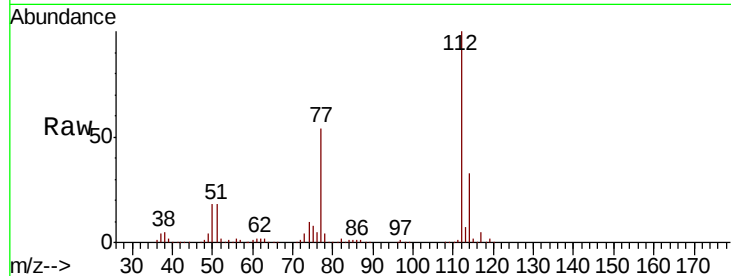




#65
Chlorobenzene
Concen: 48.225 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

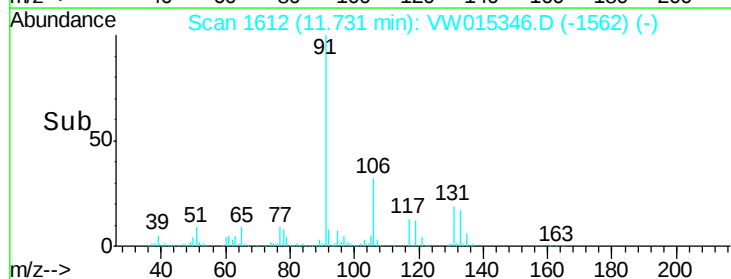
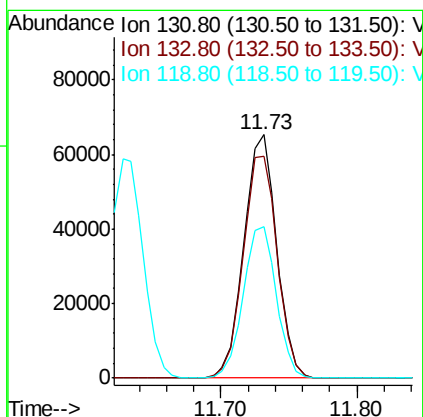
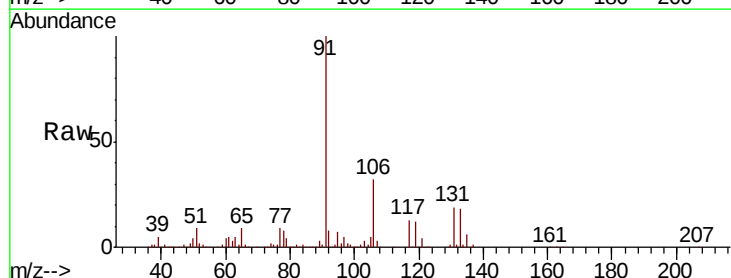
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

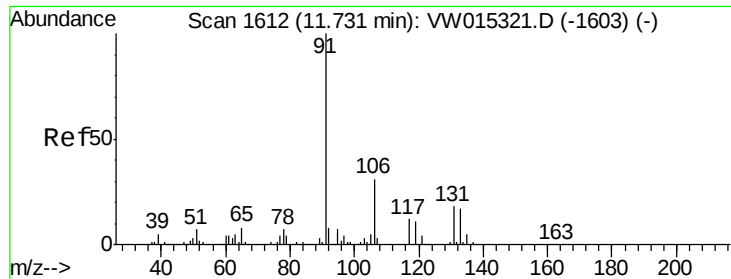
Tot Ion:112 Resp: 297815
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.583 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion:131 Resp: 110053
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 63.1 34.0 101.8

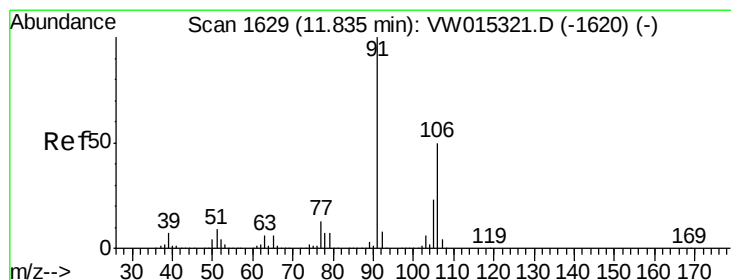
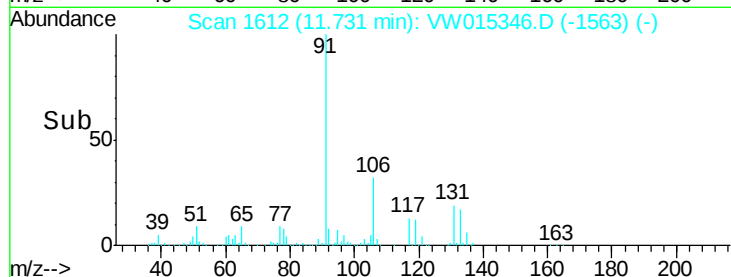
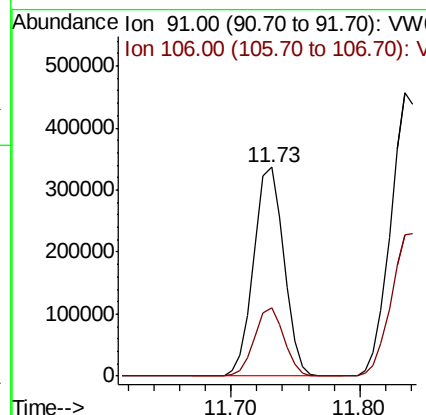
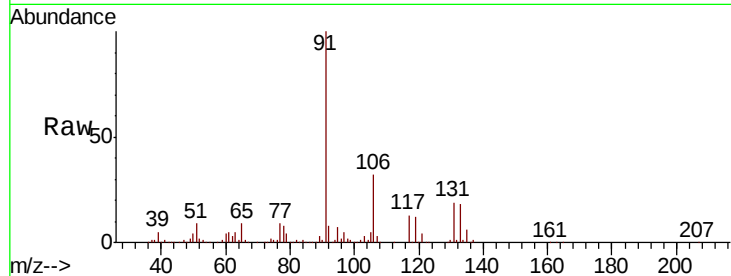




#67
Ethyl Benzene
Concen: 47.386 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

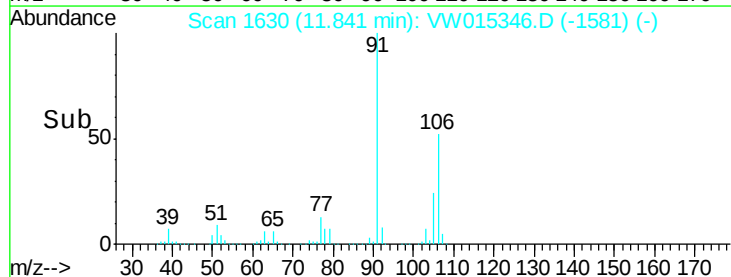
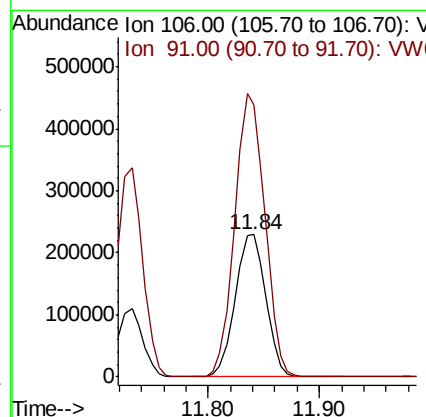
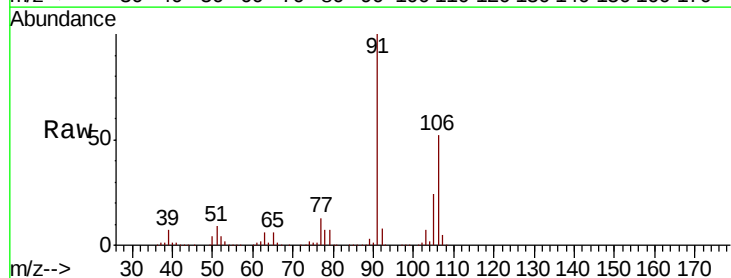
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

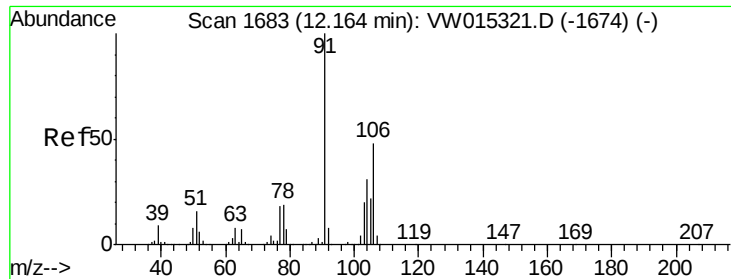
Tot Ion: 91 Resp: 545726
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5



#68
m/p-Xylenes
Concen: 96.255 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 106 Resp: 434517
Ion Ratio Lower Upper
106 100
91 196.6 160.0 240.0

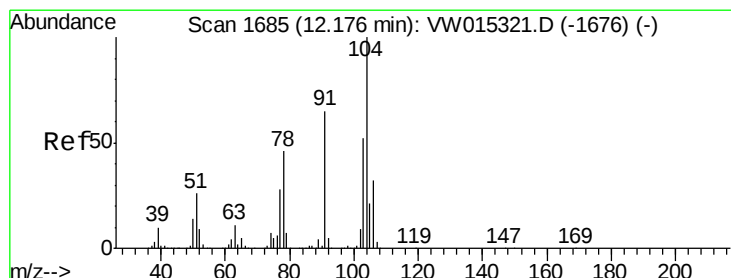
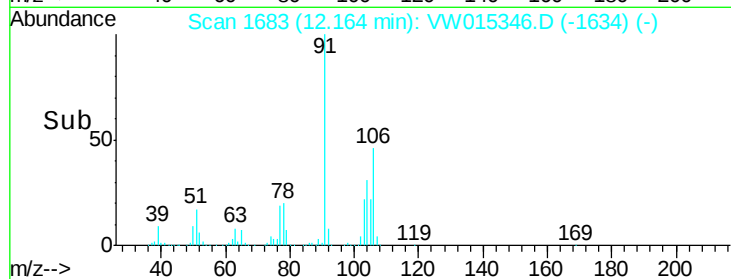
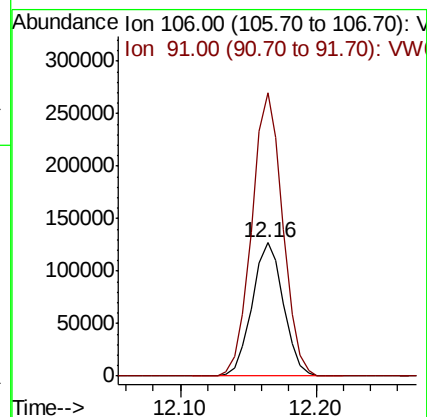
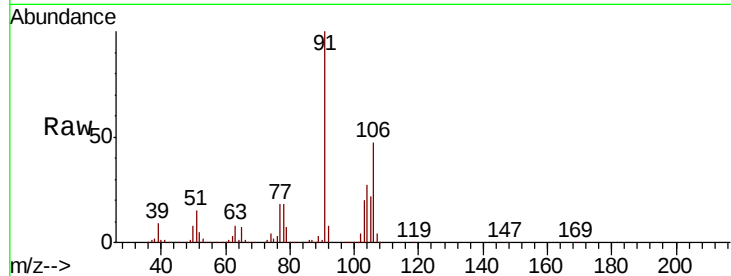




#69
o-Xylene
Concen: 48.711 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

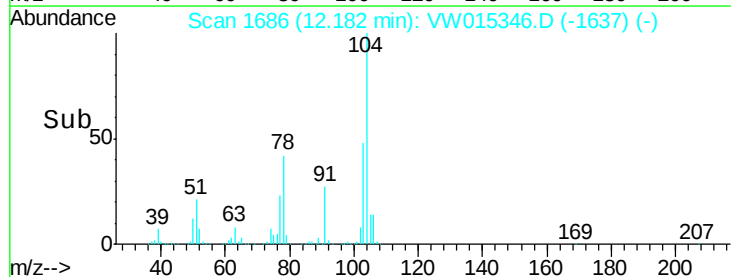
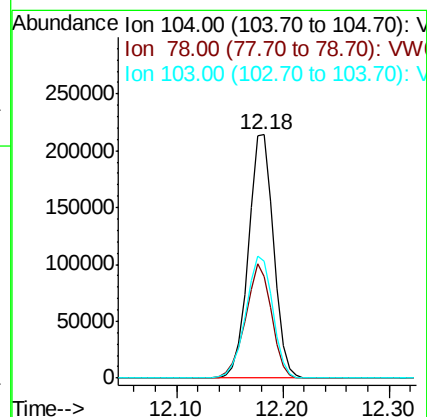
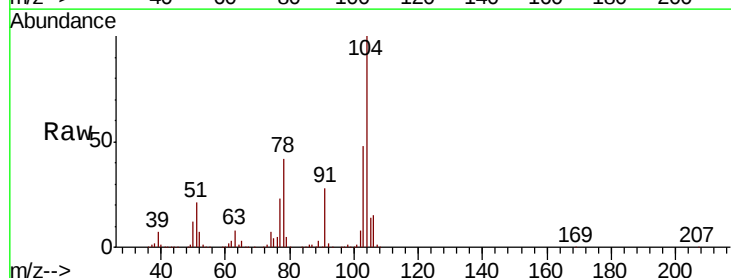
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

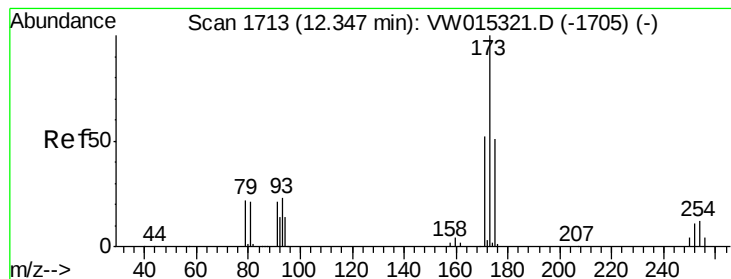
Tot Ion:106 Resp: 205244
Ion Ratio Lower Upper
106 100
91 209.6 105.7 317.1



#70
Styrene
Concen: 49.418 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion:104 Resp: 354936
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.6
103 54.0 43.8 65.6





#71

Bromoform

Concen: 48.810 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

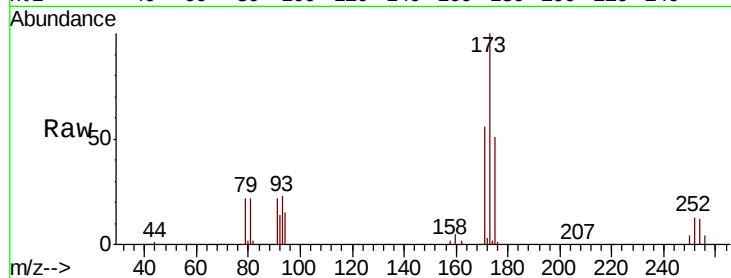
Tot Ion:173 Resp: 61043

Ion Ratio Lower Upper

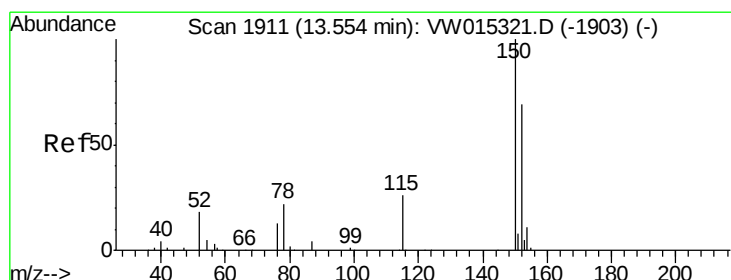
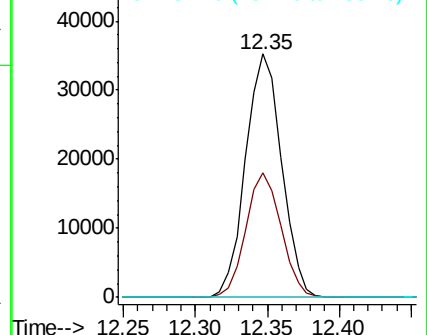
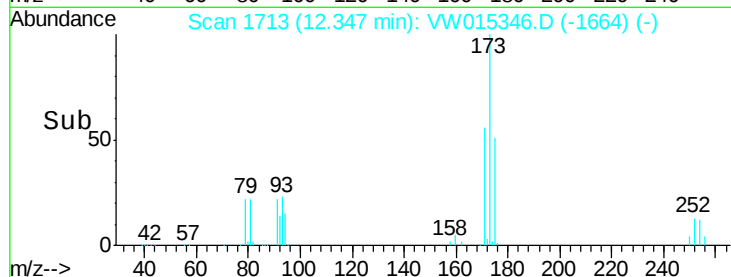
173 100

175 50.0 25.1 75.4

254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

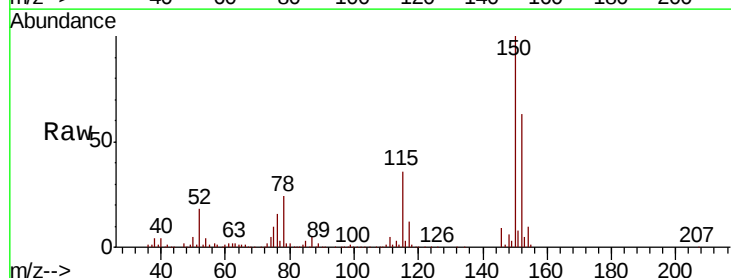
Tgt Ion:152 Resp: 179038

Ion Ratio Lower Upper

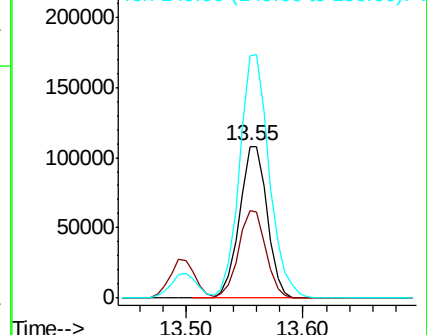
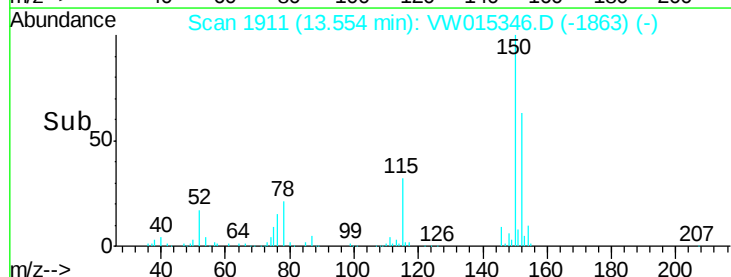
152 100

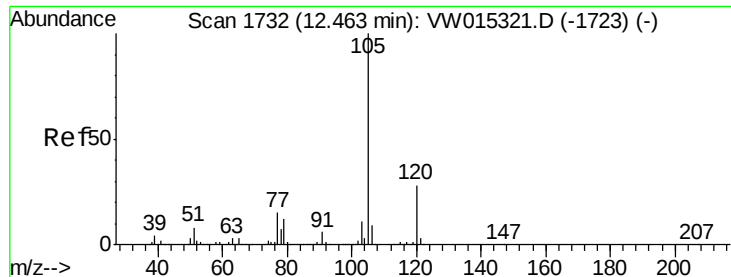
115 56.9 31.3 93.9

150 172.1 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: 46.168 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

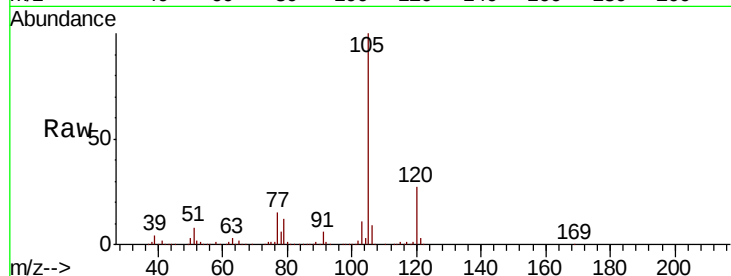
VSTDCCC050EC

Tot Ion:105 Resp: 573102

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

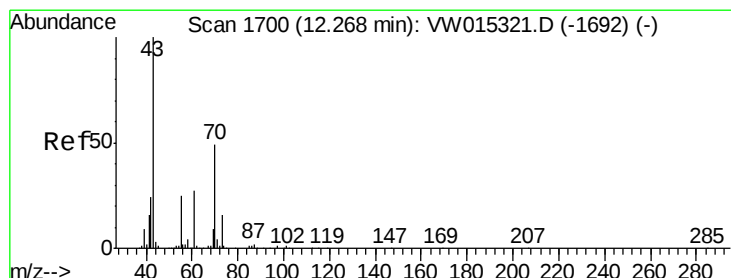
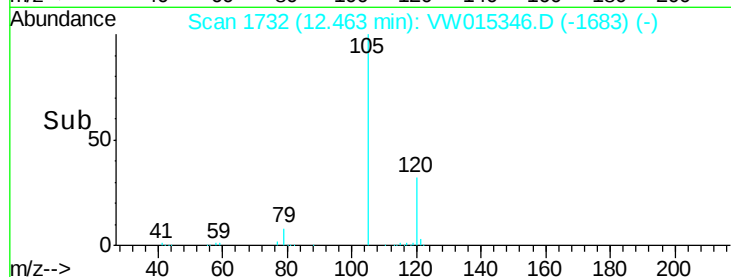
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 46.966 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Tgt Ion: 43 Resp: 101428

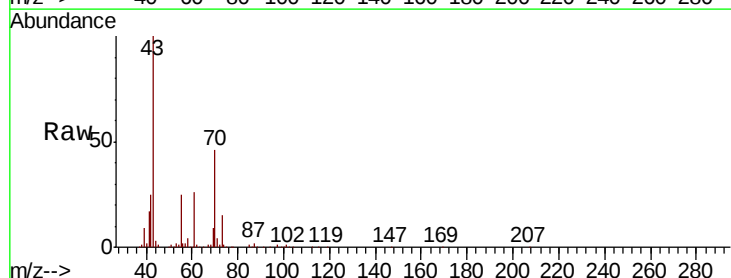
Ion Ratio Lower Upper

43 100

70 48.8 35.4 53.2

55 25.3 18.5 27.7

61 26.5 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

100000

80000

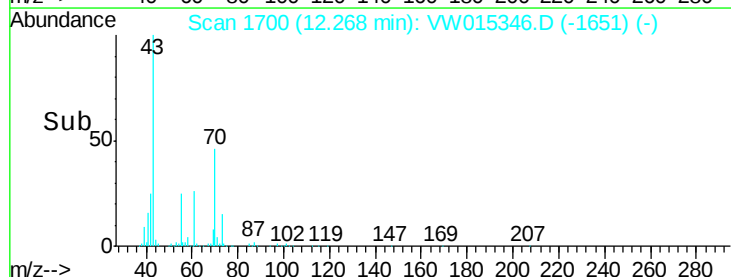
60000

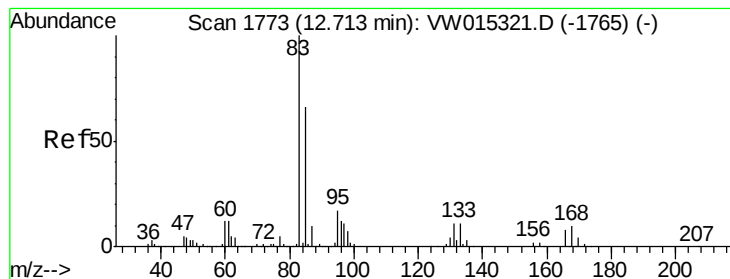
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.019 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

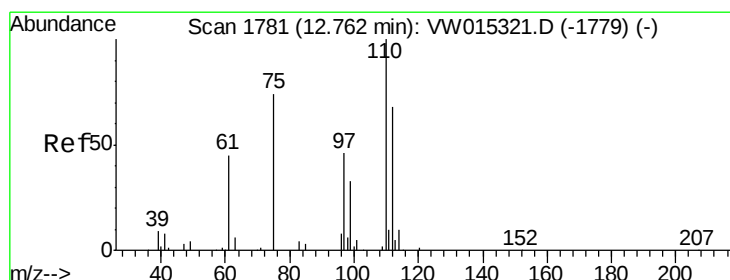
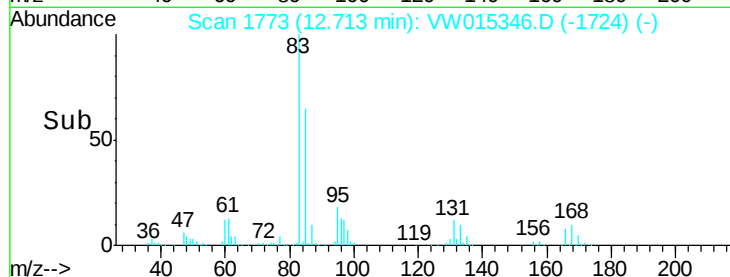
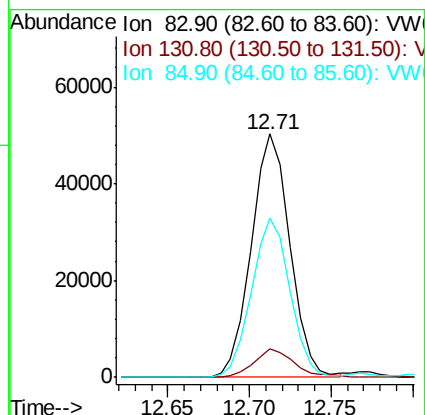
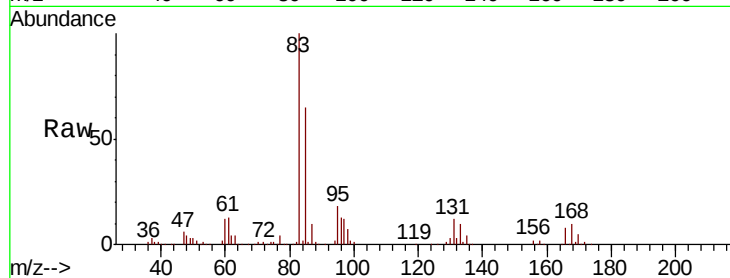
Tot Ion: 83 Resp: 82871

Ion Ratio Lower Upper

83 100

131 12.2 5.1 15.2

85 65.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 81.214 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015346.D

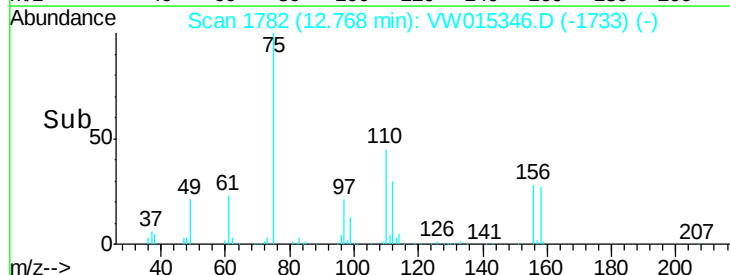
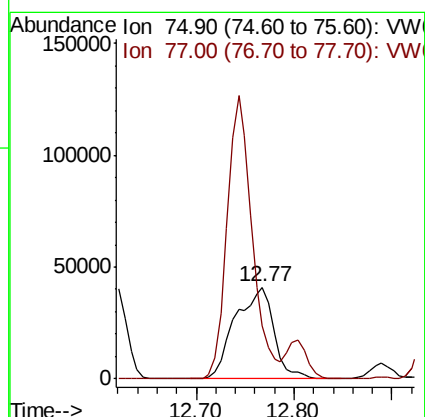
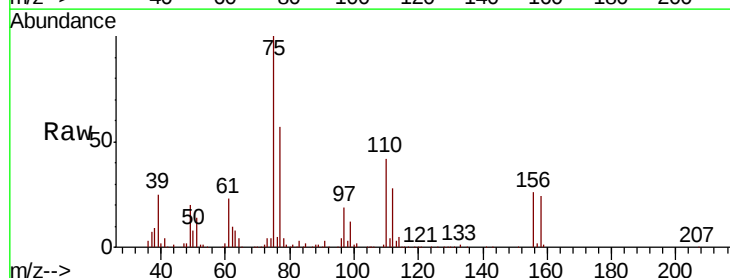
Acq: 24 Apr 2020 16:50

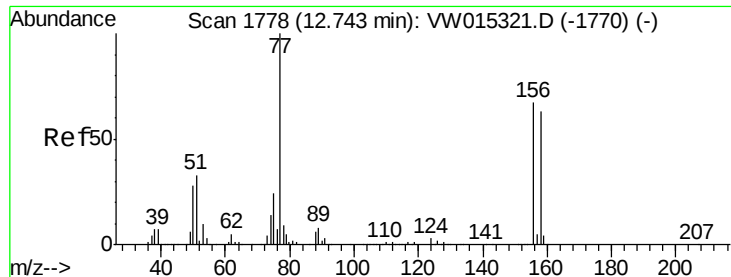
Tgt Ion: 75 Resp: 112485

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.803 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

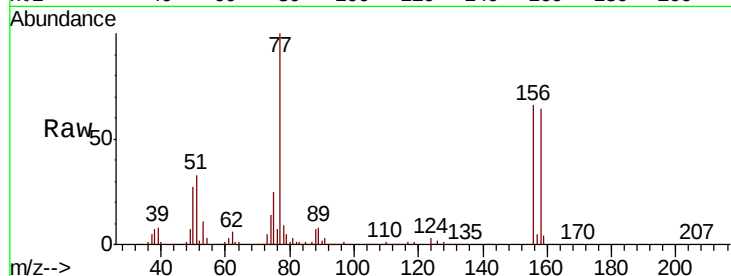
Tot Ion:156 Resp: 136335

Ion Ratio Lower Upper

156 100

77 166.1 100.5 301.5

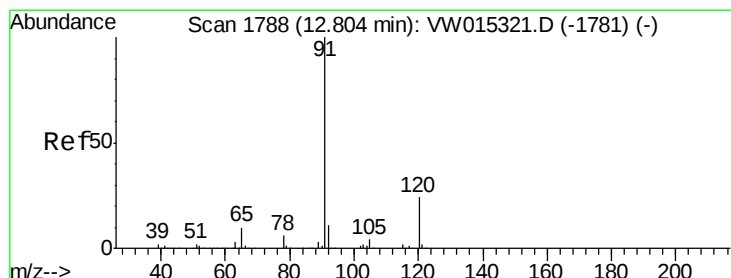
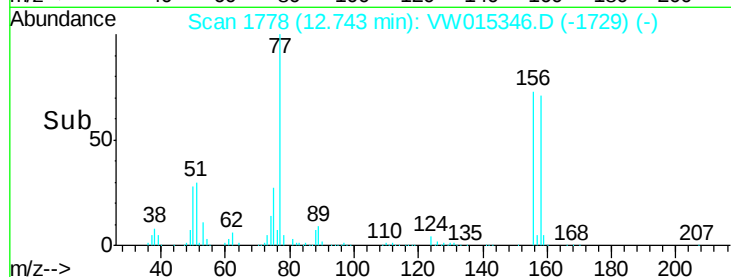
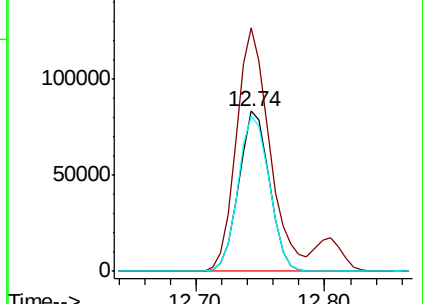
158 98.9 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.607 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015346.D

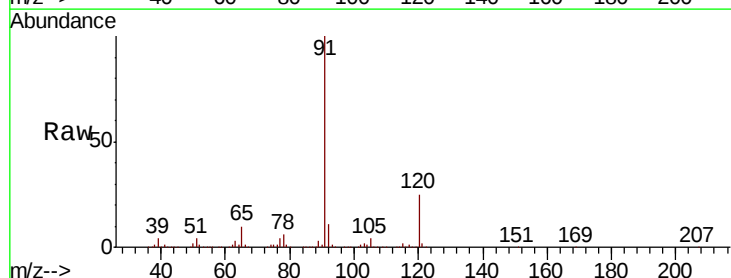
Acq: 24 Apr 2020 16:50

Tgt Ion: 91 Resp: 659174

Ion Ratio Lower Upper

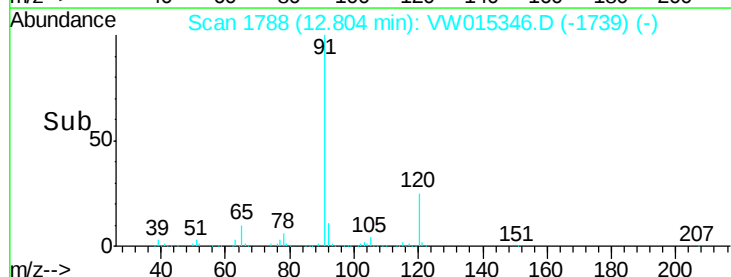
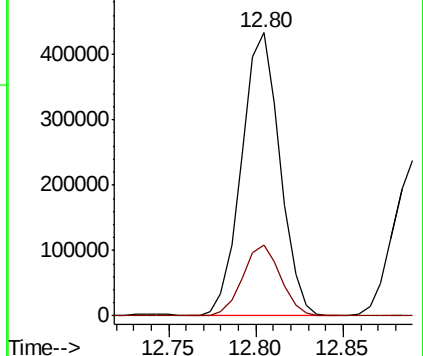
91 100

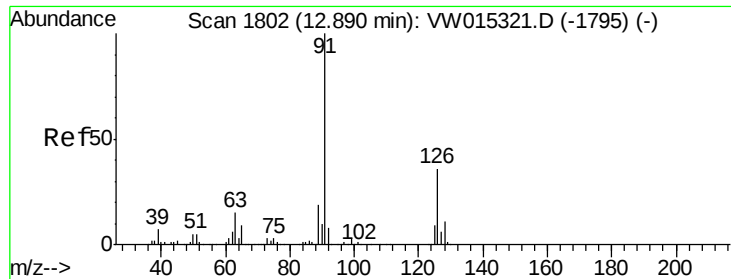
120 24.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.791 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

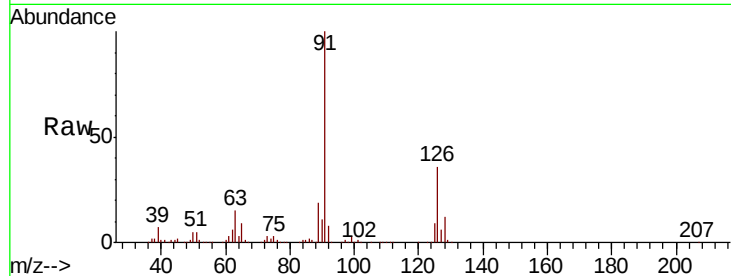
VSTDCCC050EC

Tot Ion: 91 Resp: 381127

Ion Ratio Lower Upper

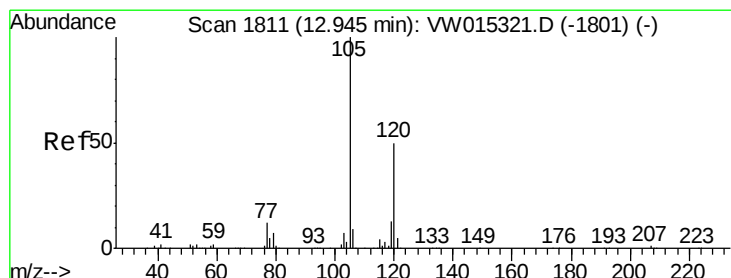
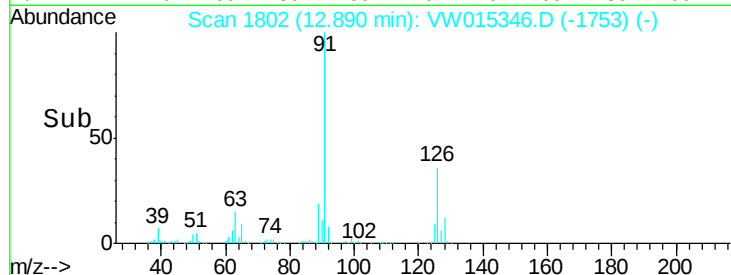
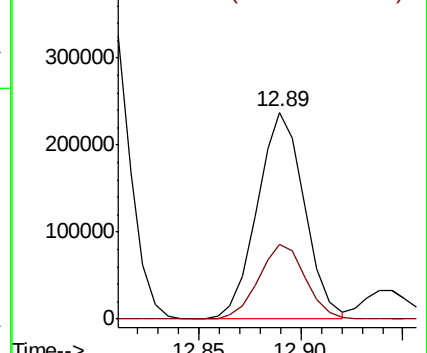
91 100

126 35.9 16.8 50.4



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: 46.754 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015346.D

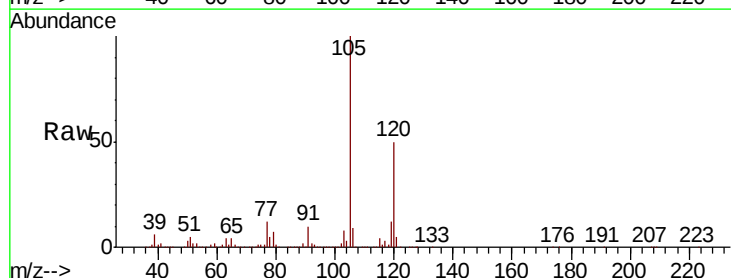
Acq: 24 Apr 2020 16:50

Tgt Ion:105 Resp: 499950

Ion Ratio Lower Upper

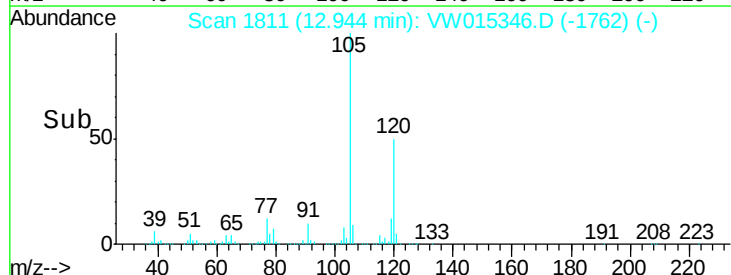
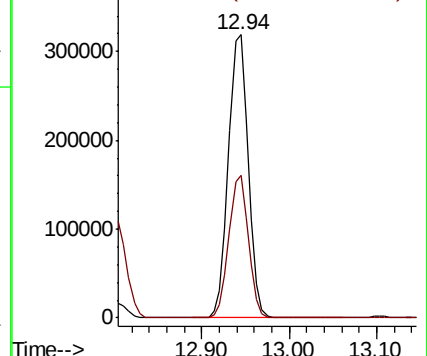
105 100

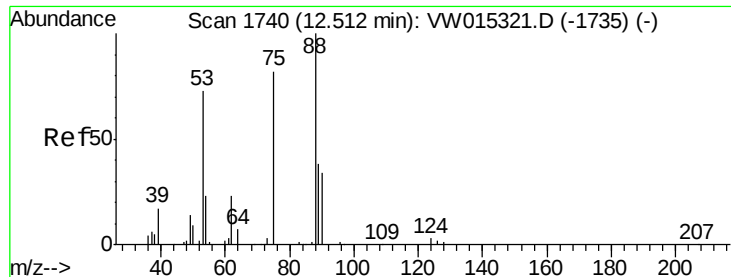
120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

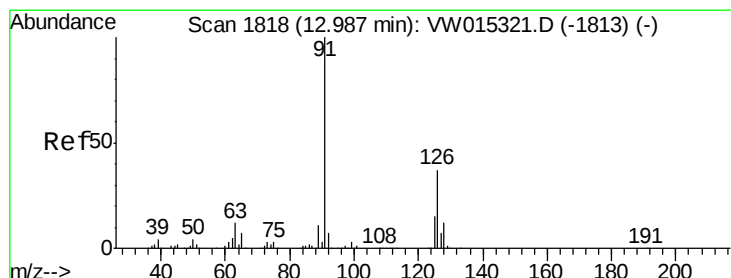
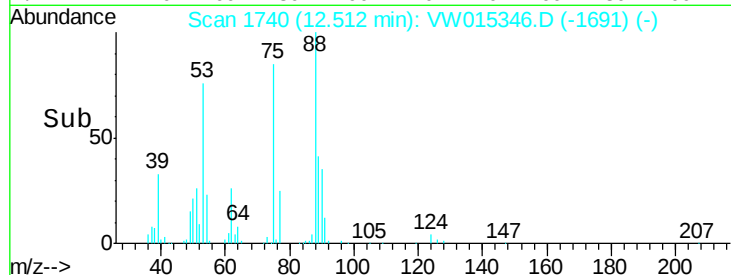
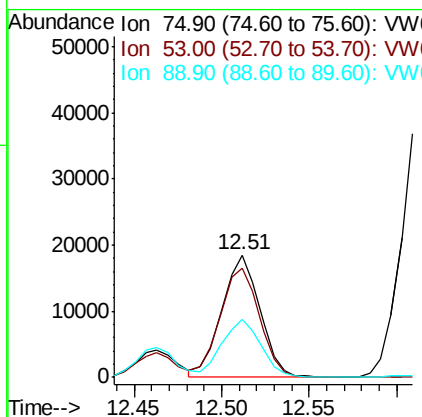
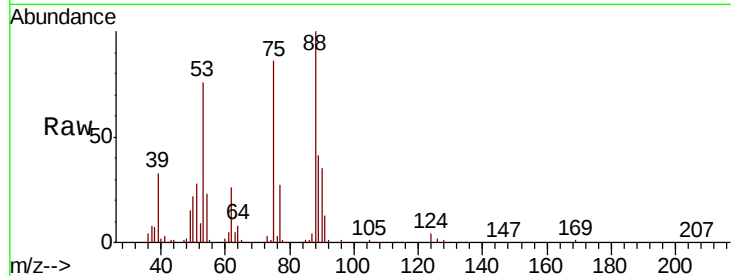




#81
trans-1,4-Dichloro-2-butene
Concen: 44.052 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

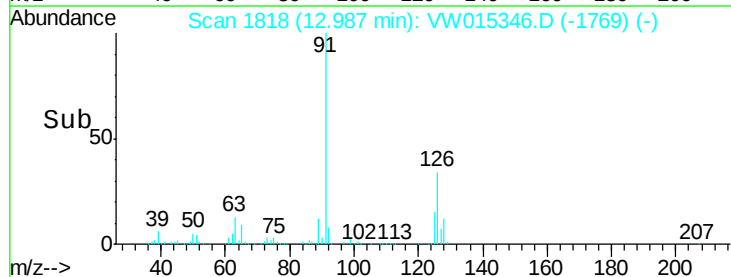
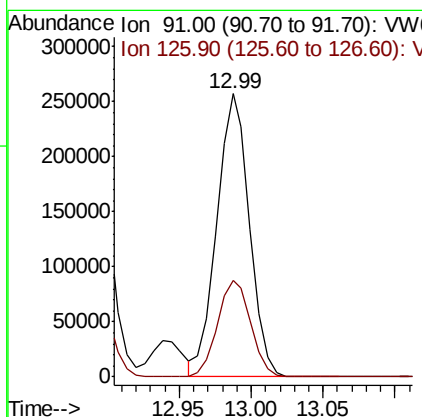
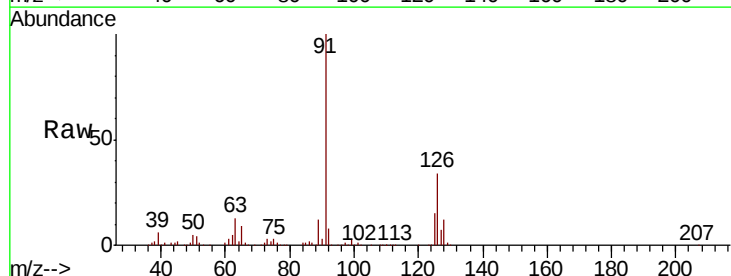
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

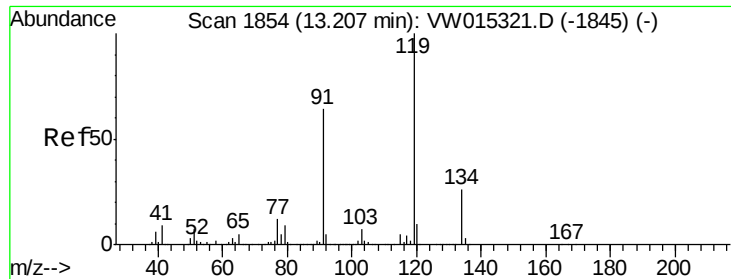
Tot Ion: 75 Resp: 27911
Ion Ratio Lower Upper
75 100
53 93.4 69.4 104.2
89 48.2 34.8 52.2



#82
4-Chlorotoluene
Concen: 46.821 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 91 Resp: 404914
Ion Ratio Lower Upper
91 100
126 35.0 16.8 50.3

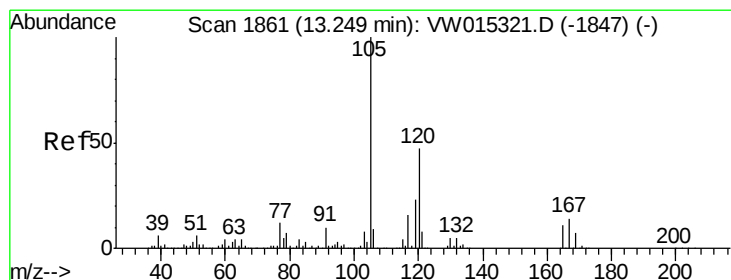
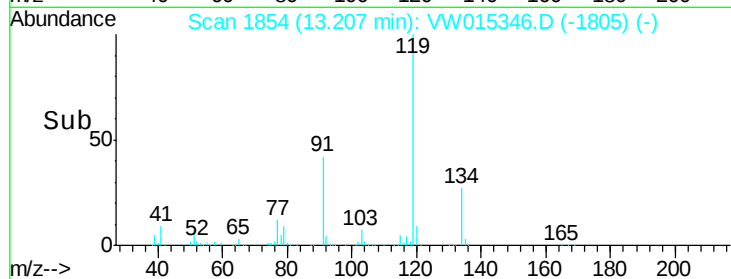
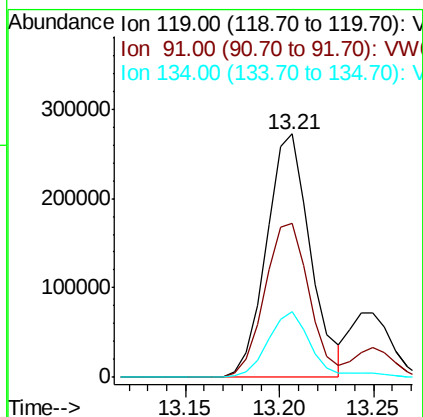
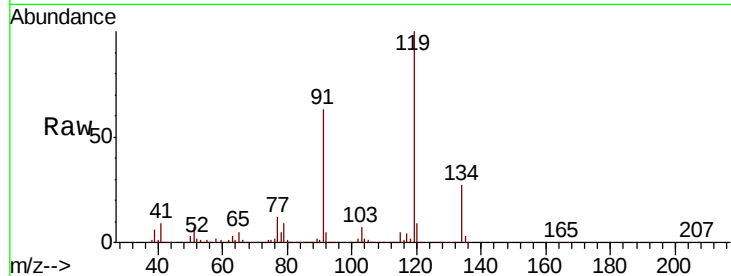




#83
 tert-Butylbenzene
 Concen: 46.892 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

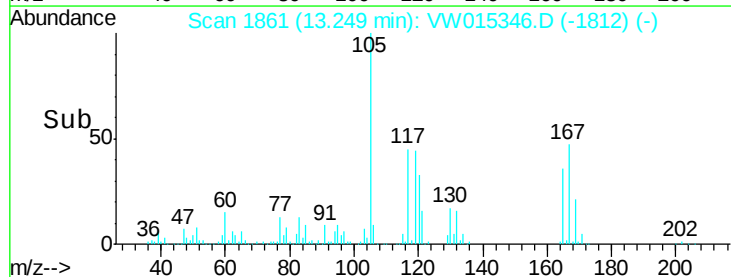
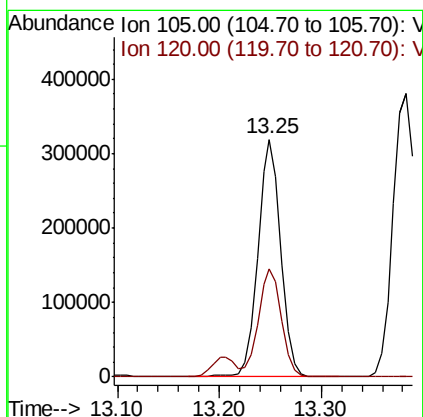
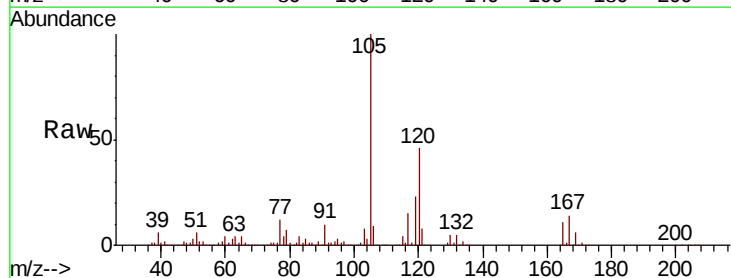
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

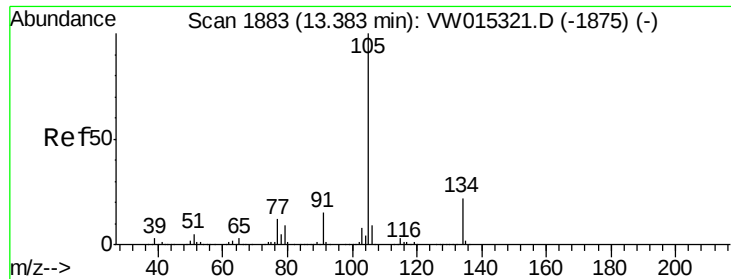
Tot Ion:119 Resp: 438253
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.8 98.3
 134 27.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.952 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion:105 Resp: 495203
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 46.283 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

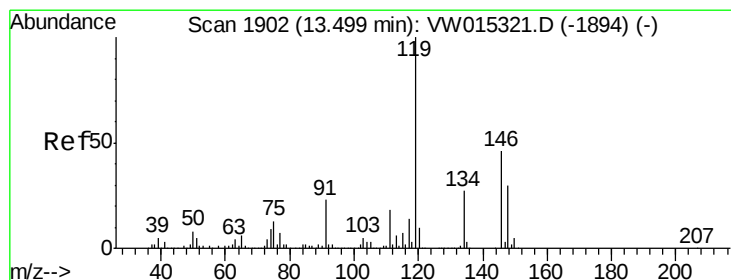
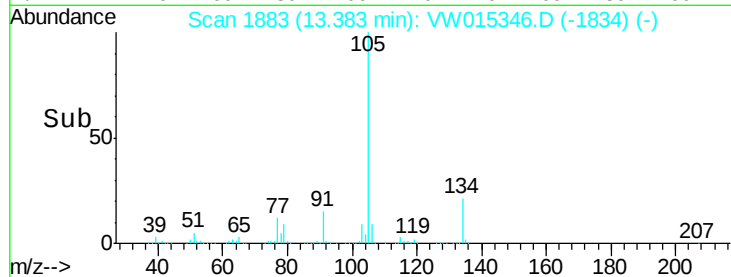
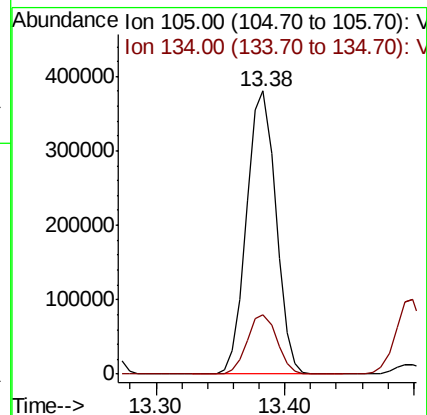
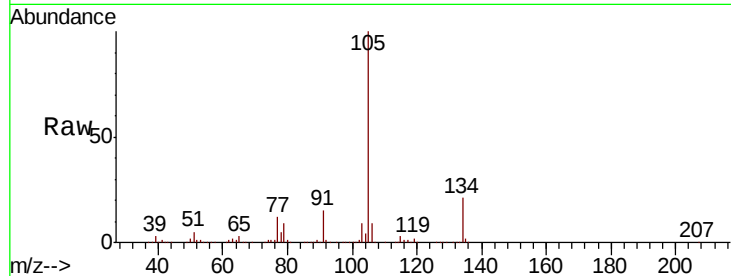
VSTDCCC050EC

Tot Ion:105 Resp: 597392

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 46.099 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

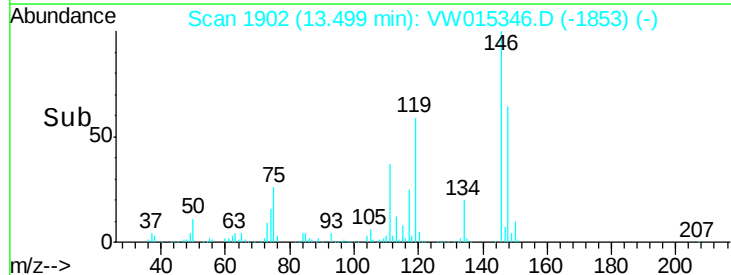
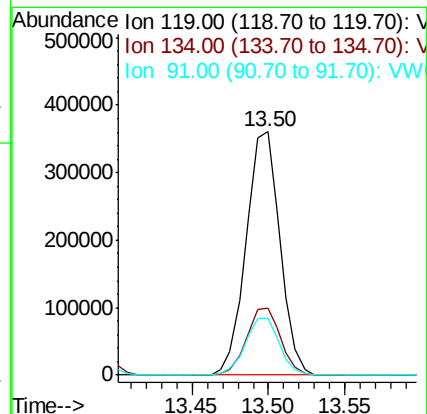
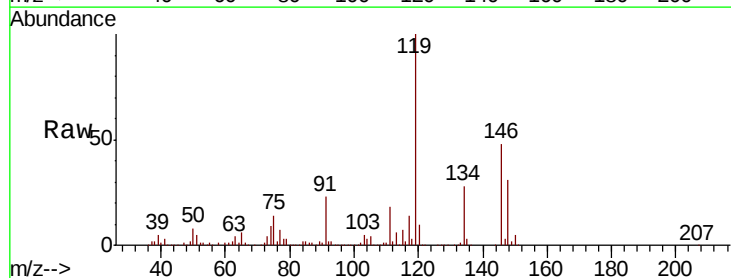
Tgt Ion:119 Resp: 552894

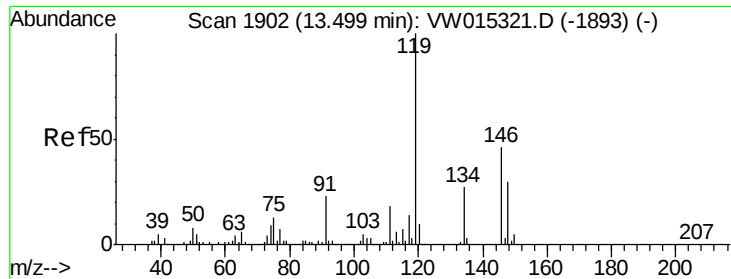
Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.9

91 23.5 12.0 36.1

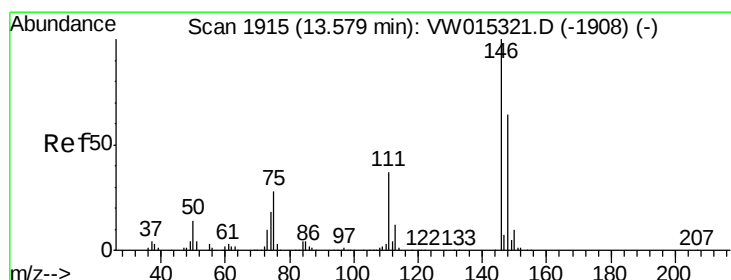
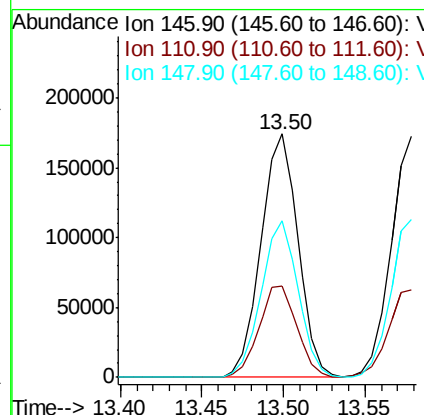
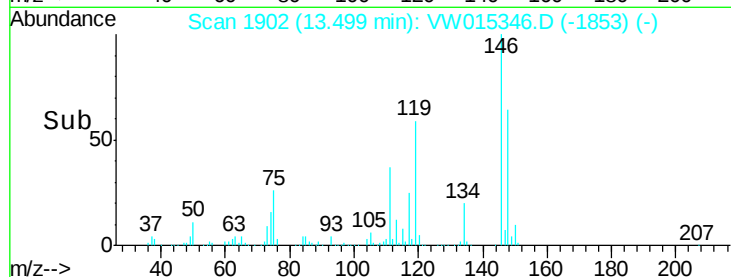
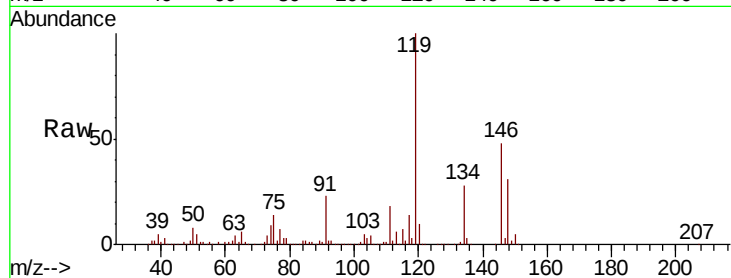




#87
 1,3-Dichlorobenzene
 Concen: 48.706 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

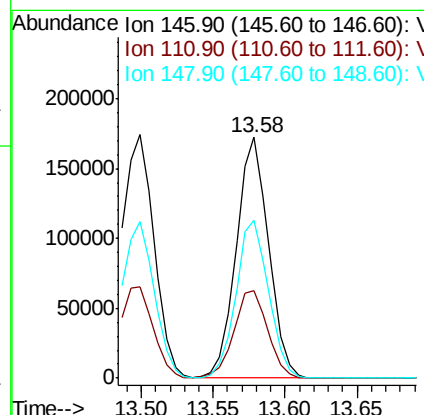
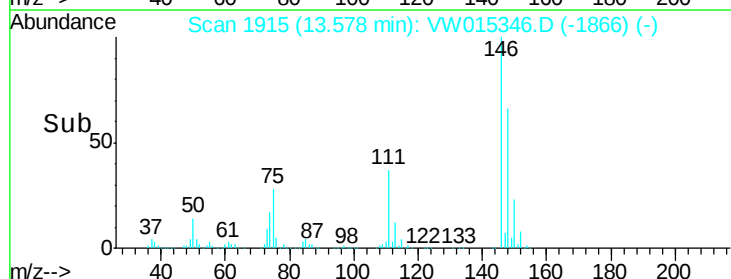
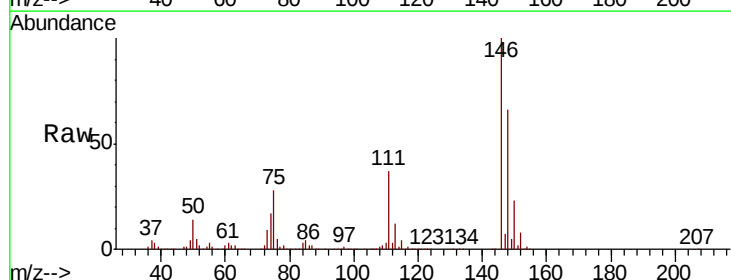
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

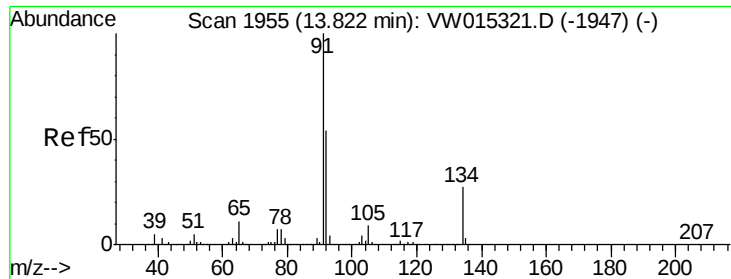
Tot Ion:146 Resp: 276002
 Ion Ratio Lower Upper
 146 100
 111 38.4 21.1 63.4
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.456 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion:146 Resp: 269164
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.4 61.3
 148 66.3 31.5 94.5





#89

n-Butylbenzene

Concen: 45.315 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

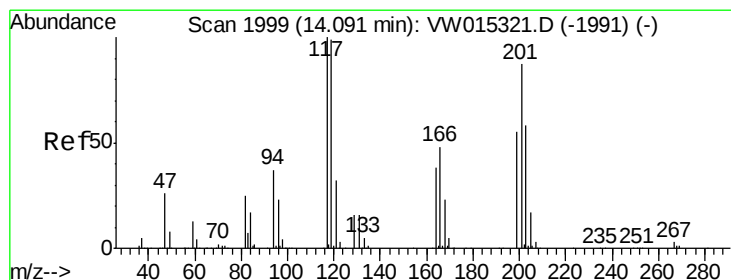
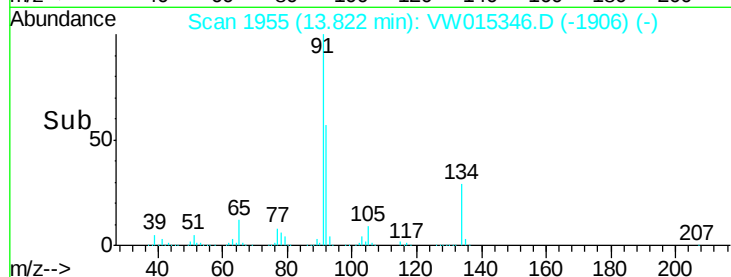
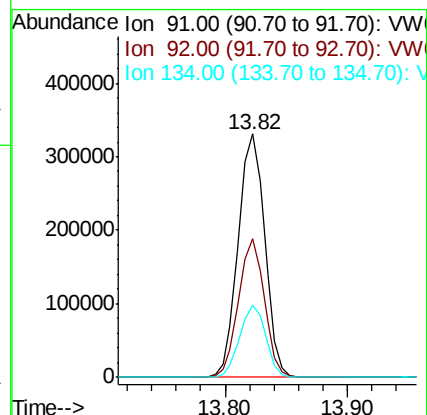
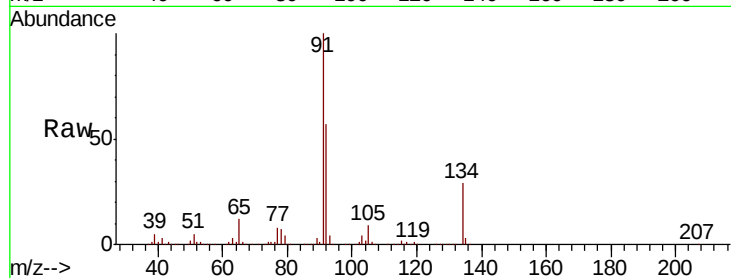
Tot Ion: 91 Resp: 496763

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.7

134 29.0 12.8 38.3



#90

Hexachloroethane

Concen: 45.918 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015346.D

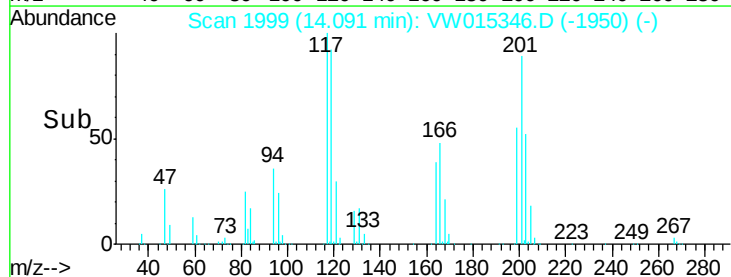
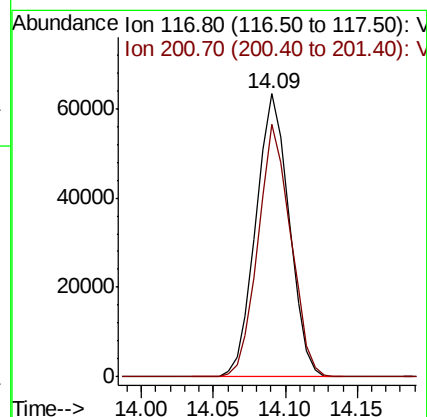
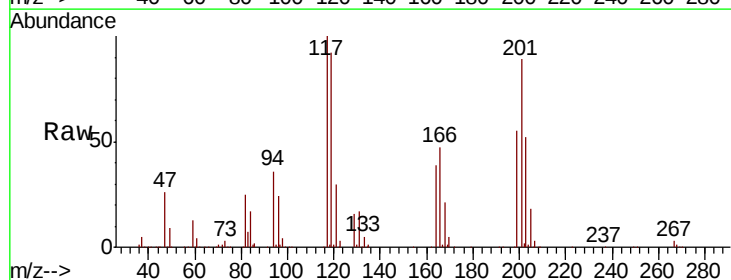
Acq: 24 Apr 2020 16:50

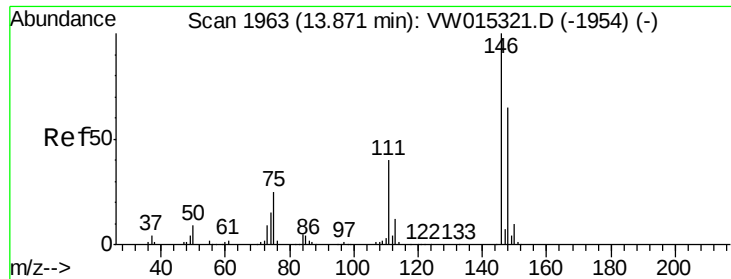
Tgt Ion: 117 Resp: 100997

Ion Ratio Lower Upper

117 100

201 87.7 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 49.397 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

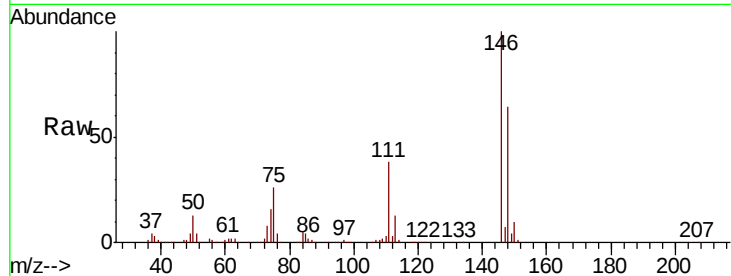
Tot Ion:146 Resp: 243240

Ion Ratio Lower Upper

146 100

111 40.2 21.6 65.0

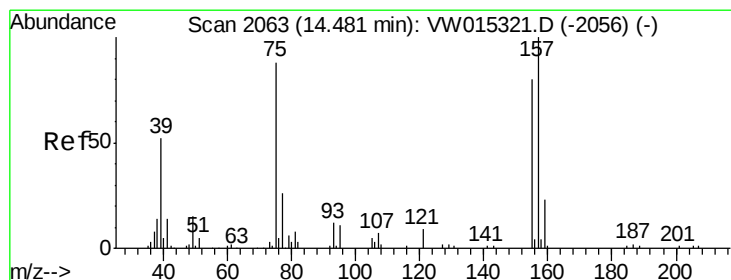
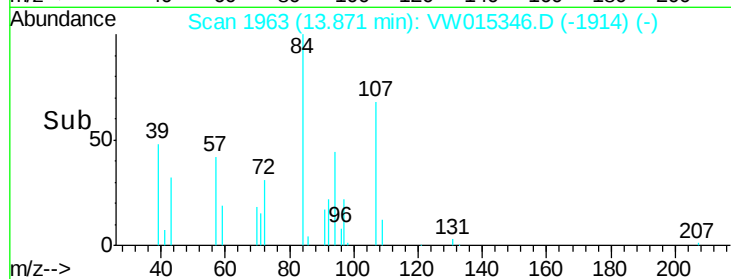
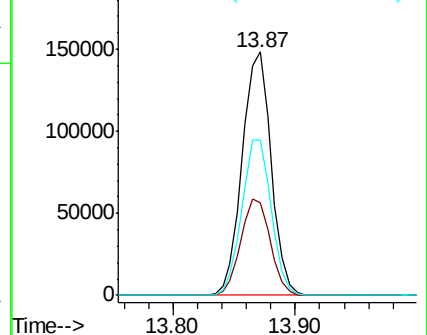
148 64.9 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.587 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

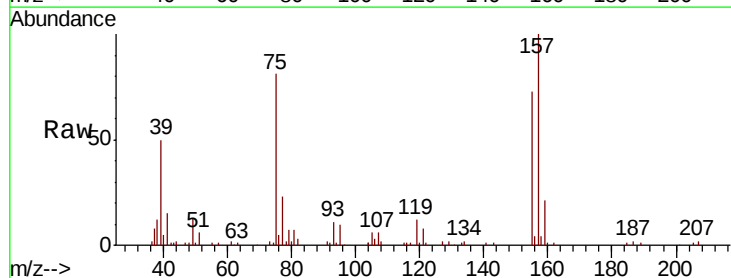
Tgt Ion: 75 Resp: 15816

Ion Ratio Lower Upper

75 100

155 96.1 41.6 124.9

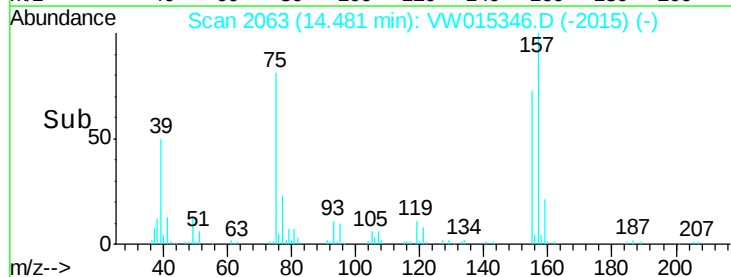
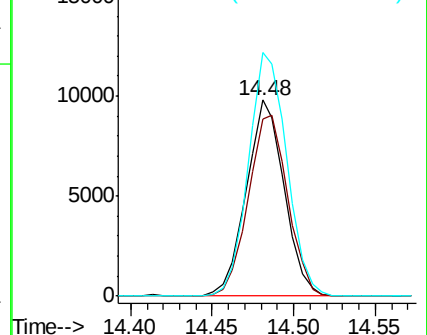
157 125.8 53.8 161.2

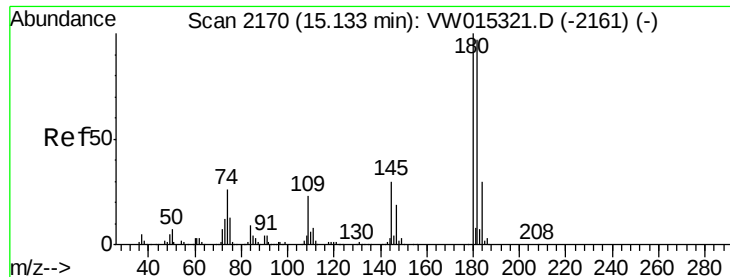


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

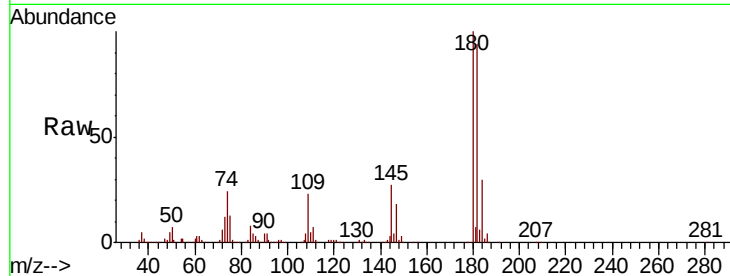




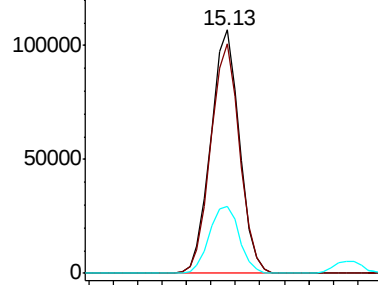
#93
 1,2,4-Trichlorobenzene
 Concen: 50.694 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

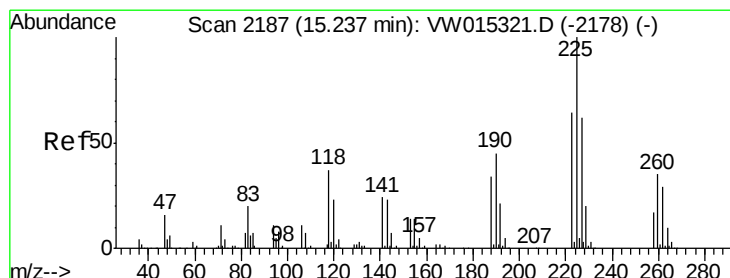
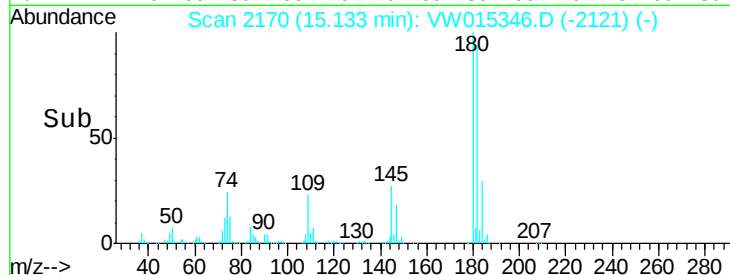
Tot Ion:180 Resp: 173511
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.1 141.4
 145 29.0 16.2 48.6



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

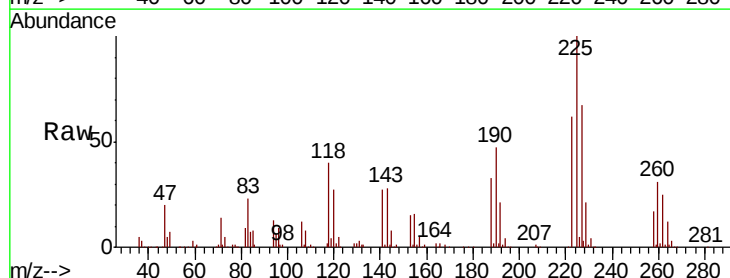


Time-->

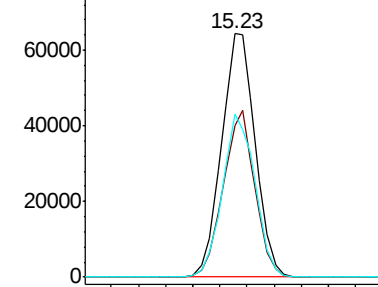


#94
 Hexachlorobutadiene
 Concen: 48.830 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

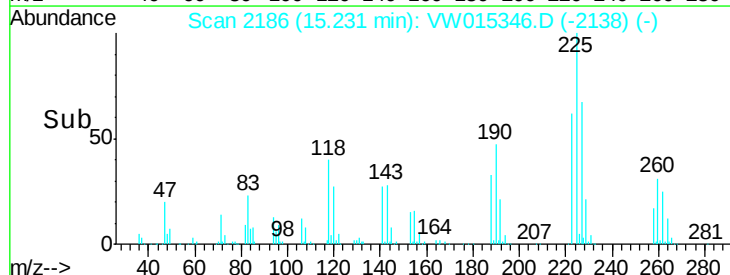
Tgt Ion:225 Resp: 111427
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.0 93.0
 227 64.9 30.8 92.3

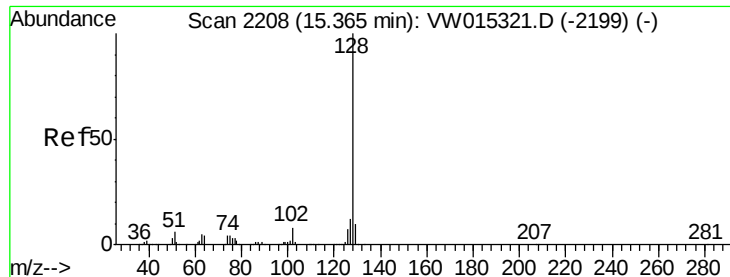


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

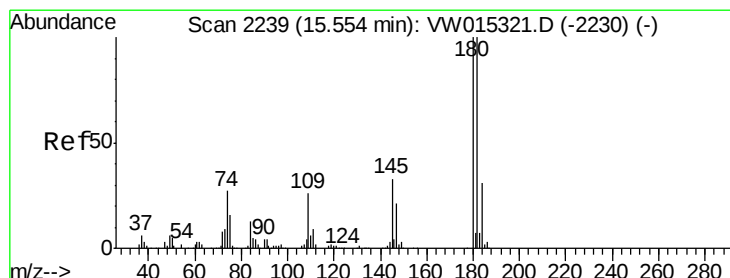
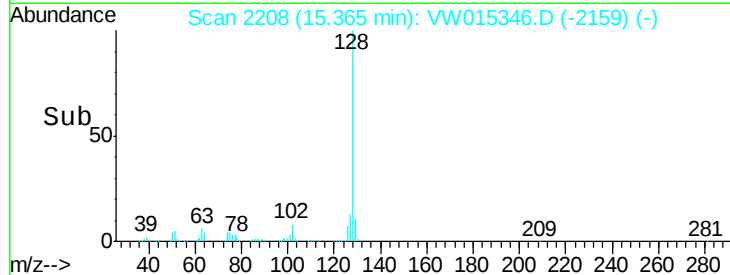
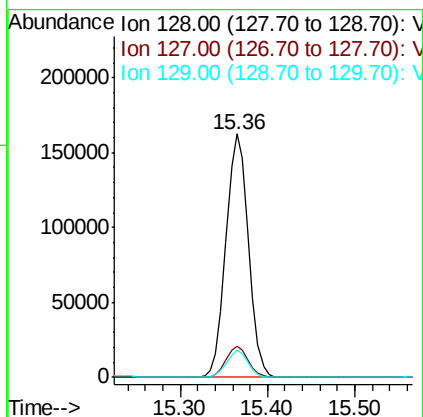
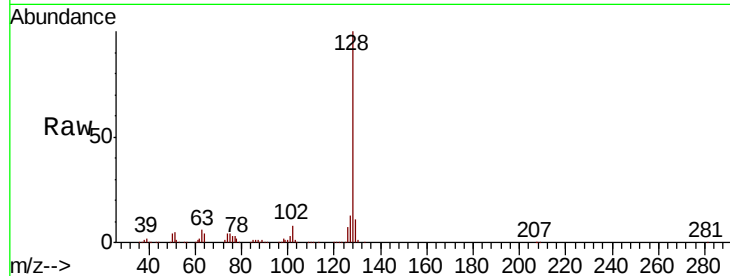




#95
Naphthalene
Concen: 52.570 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 289440
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.993 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion:180 Resp: 147574
Ion Ratio Lower Upper
180 100
182 95.1 48.8 146.3
145 31.2 17.2 51.6

