

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015738.D
 Acq On : 26 Jun 2020 09:56
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 01:46:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105436	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.88	113	93988	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.32	98	376419	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.62	95	141702	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64314	55.448	ug/l	93
3) Chloromethane	2.21	50	73196	53.740	ug/l	100
4) Vinyl Chloride	2.37	62	118612	53.867	ug/l	98
5) Bromomethane	2.79	94	86728	53.589	ug/l	98
6) Chloroethane	2.93	64	83513	57.633	ug/l	99
7) Trichlorofluoromethane	3.26	101	89522	54.147	ug/l	99
8) Diethyl Ether	3.68	74	54416	56.989	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	97217	49.885	ug/l	99
10) Methyl Iodide	4.27	142	137532	49.910	ug/l	100
11) Tert butyl alcohol	5.23	59	24796	199.940	ug/l	96
12) 1,1-Dichloroethene	4.03	96	95701	50.433	ug/l	98
13) Acrolein	3.90	56	32222	214.304	ug/l	99
14) Allyl chloride	4.67	41	155078	50.373	ug/l	100
15) Acrylonitrile	5.38	53	96351	244.575	ug/l	99
16) Acetone	4.15	43	113393	275.584	ug/l	100
17) Carbon Disulfide	4.38	76	274469	50.255	ug/l	99
18) Methyl Acetate	4.68	43	43200	50.820	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	145181	50.837	ug/l	99
20) Methylene Chloride	4.91	84	107007	53.715	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	108983	50.093	ug/l	99
22) Diisopropyl ether	6.31	45	310729	50.747	ug/l	97
23) Vinyl Acetate	6.26	43	932299	261.096	ug/l	99
24) 1,1-Dichloroethane	6.21	63	192253	49.880	ug/l	99
25) 2-Butanone	7.18	43	141667	254.748	ug/l	100
26) 2,2-Dichloropropane	7.17	77	122319	47.316	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	117886	50.370	ug/l	99
28) Bromochloromethane	7.51	49	75710	51.066	ug/l	98
29) Tetrahydrofuran	7.54	42	80854	247.418	ug/l	99
30) Chloroform	7.68	83	195979	49.579	ug/l	98
31) Cyclohexane	7.96	56	179209	48.066	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	167808	49.802	ug/l	98
36) 1,1-Dichloropropene	8.09	75	163083	51.906	ug/l	100
37) Ethyl Acetate	7.26	43	60743	50.634	ug/l	98
38) Carbon Tetrachloride	8.07	117	155419	51.030	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	198077	52.049	ug/l	99
40) Benzene	8.32	78	436009	51.036	ug/l	99
41) Methacrylonitrile	7.49	41	37593	54.601	ug/l	91
42) 1,2-Dichloroethane	8.40	62	134517	50.897	ug/l	100
43) Isopropyl Acetate	8.43	43	121029	50.555	ug/l	99
44) Trichloroethene	9.09	130	115966	50.361	ug/l	99
45) 1,2-Dichloropropane	9.37	63	105873	50.701	ug/l	99
46) Dibromomethane	9.46	93	54326	50.282	ug/l	99
47) Bromodichloromethane	9.65	83	143185	50.807	ug/l	100
48) Methyl methacrylate	9.44	41	56398	51.528	ug/l	98
49) 1,4-Dioxane	9.48	88	14261	1006.183	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	297091	257.331	ug/l	99
52) Toluene	10.39	92	286706	51.974	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	140426	51.578	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	165475	50.877	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	76531	50.946	ug/l	98
56) Ethyl methacrylate	10.65	69	99615	53.296	ug/l	97
57) 1,3-Dichloropropane	10.93	76	136667	51.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	241665	273.221	ug/l	99
59) 2-Hexanone	10.97	43	212822	270.772	ug/l	100
60) Dibromochloromethane	11.13	129	88995	50.839	ug/l	97
61) 1,2-Dibromoethane	11.24	107	73426	51.136	ug/l	100
64) Tetrachloroethene	10.87	164	98371	49.297	ug/l	97
65) Chlorobenzene	11.66	112	293114	48.944	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	103726	49.398	ug/l	98
67) Ethyl Benzene	11.73	91	566327	50.812	ug/l	100
68) m/p-Xylenes	11.84	106	432412	103.321	ug/l	100
69) o-Xylene	12.17	106	197170	51.239	ug/l	100
70) Styrene	12.18	104	343472	52.243	ug/l	99
71) Bromoform	12.35	173	49174	50.897	ug/l #	98
73) Isopropylbenzene	12.46	105	562512	50.653	ug/l	99
74) N-amyl acetate	12.27	43	119440	50.736	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	87467	49.233	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	116717	87.898	ug/l	29
77) Bromobenzene	12.75	156	120640	48.719	ug/l	97
78) n-propylbenzene	12.80	91	683976	51.169	ug/l	99
79) 2-Chlorotoluene	12.90	91	384212	51.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	483964	51.432	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	26731	50.730	ug/l	94
82) 4-Chlorotoluene	12.99	91	399568	50.181	ug/l	99
83) tert-Butylbenzene	13.21	119	405461	50.998	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	480447	51.198	ug/l	100
85) sec-Butylbenzene	13.38	105	591423	52.049	ug/l	100
86) p-Isopropyltoluene	13.50	119	544308	52.724	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	245288	49.899	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242541	49.818	ug/l	96
89) n-Butylbenzene	13.82	91	516682	52.135	ug/l	100
90) Hexachloroethane	14.10	117	91998	50.074	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	216696	50.985	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14522	51.047	ug/l	98

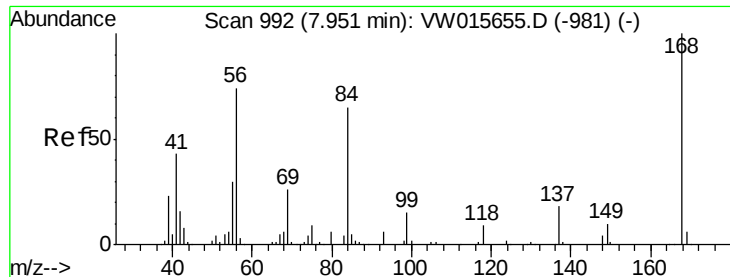
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
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Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	143576	51.155	ug/l	99
94) Hexachlorobutadiene	15.24	225	89234	49.906	ug/l	100
95) Naphthalene	15.37	128	250920	54.052	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	121648	50.340	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

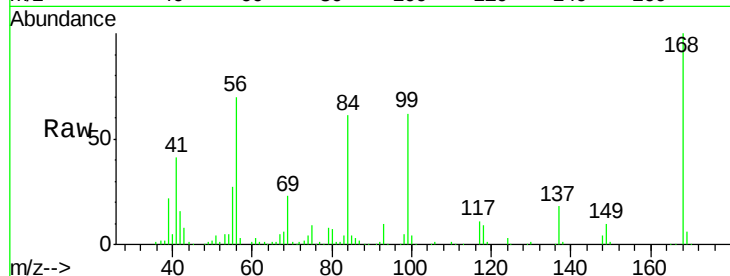
VSTDCCC050

Tot Ion:168 Resp: 194531

Ion Ratio Lower Upper

168 100

99 61.5 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

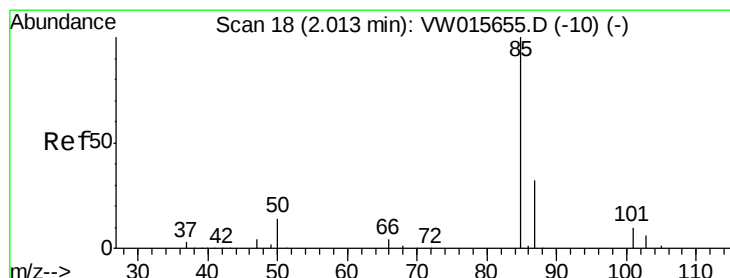
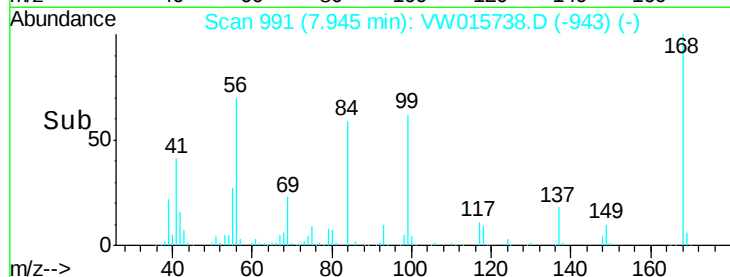
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 55.448 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015738.D

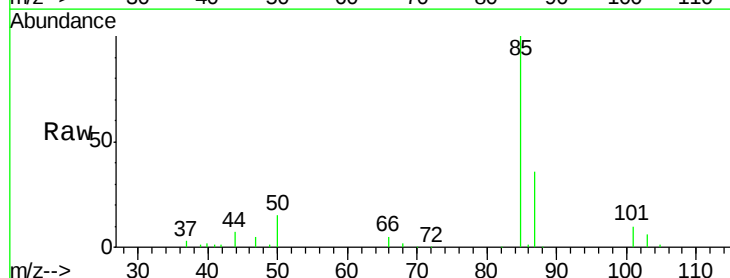
Acq: 26 Jun 2020 09:56

Tgt Ion: 85 Resp: 64314

Ion Ratio Lower Upper

85 100

87 35.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

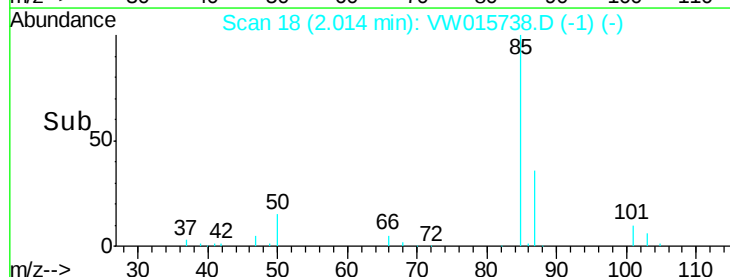
10000

5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 53.740 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

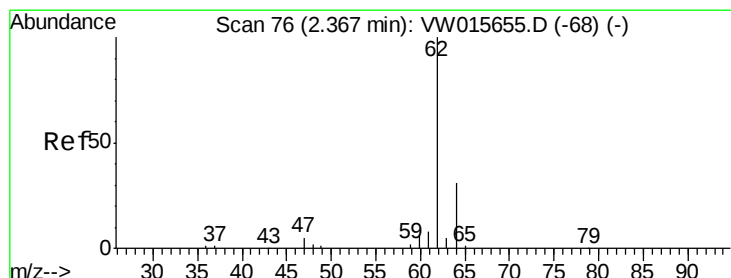
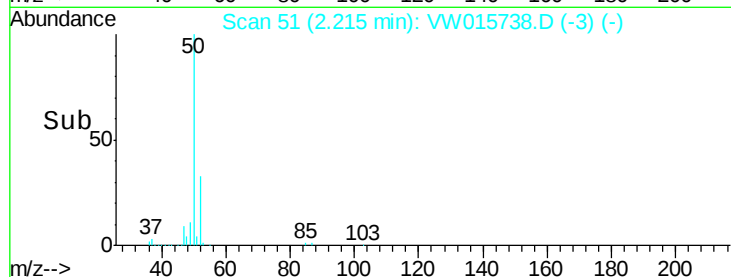
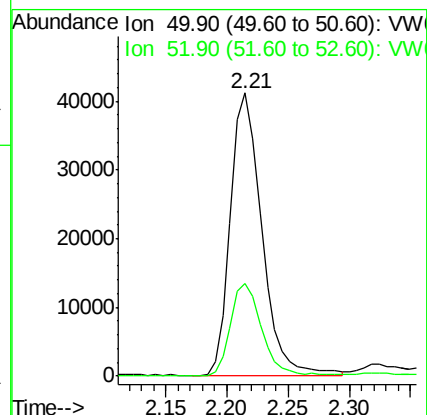
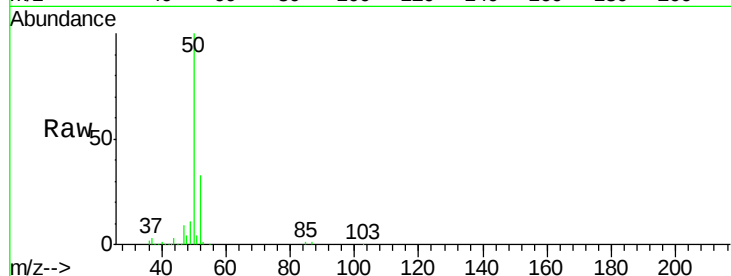
VSTDCCC050

Tot Ion: 50 Resp: 73196

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 53.867 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015738.D

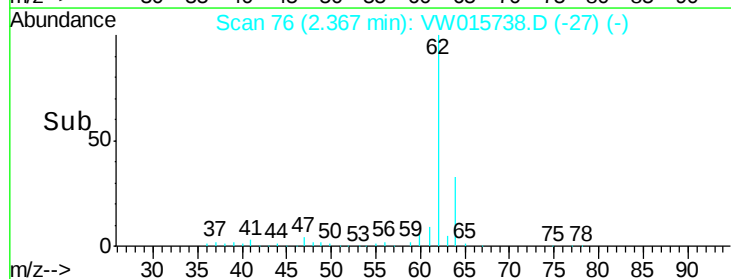
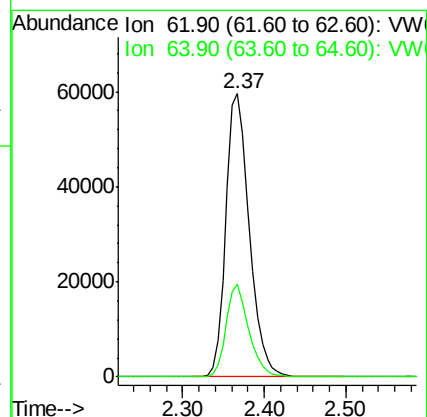
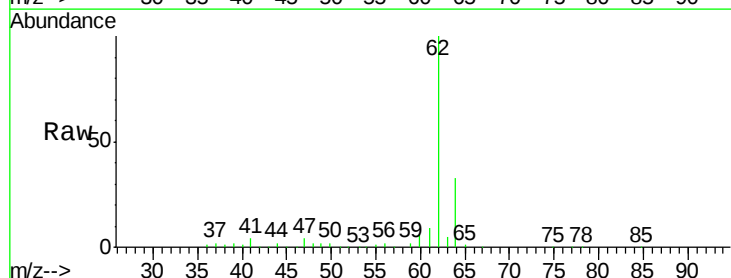
Acq: 26 Jun 2020 09:56

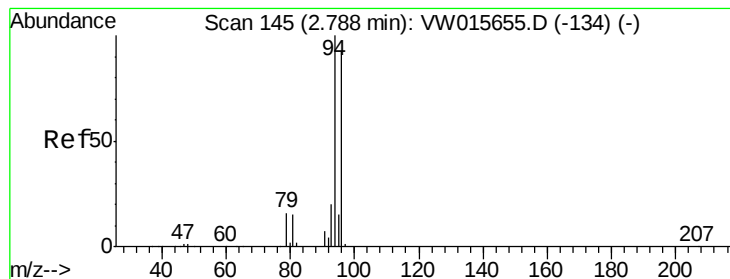
Tgt Ion: 62 Resp: 118612

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 53.589 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

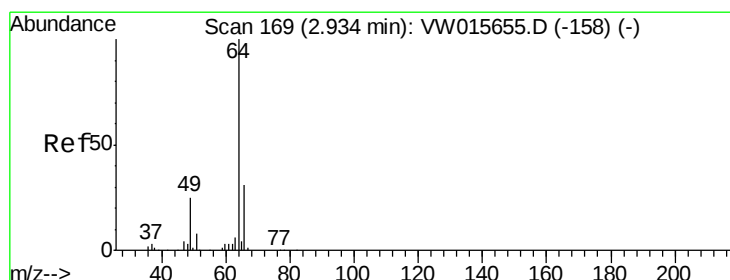
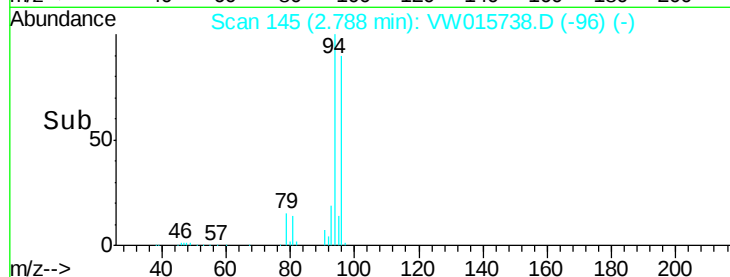
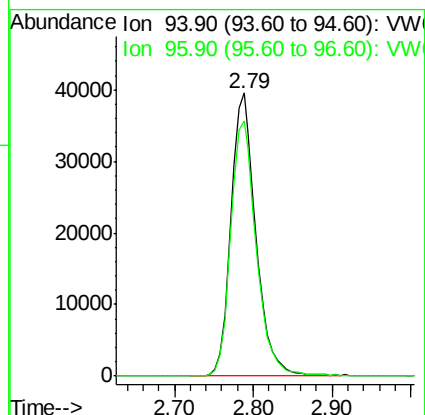
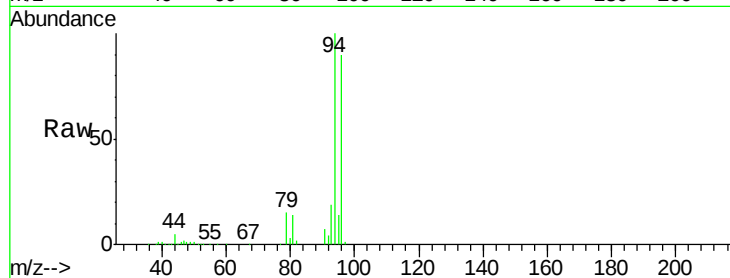
VSTDCCC050

Tot Ion: 94 Resp: 86728

Ion Ratio Lower Upper

94 100

96 90.2 73.8 110.6



#6

Chloroethane

Concen: 57.633 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015738.D

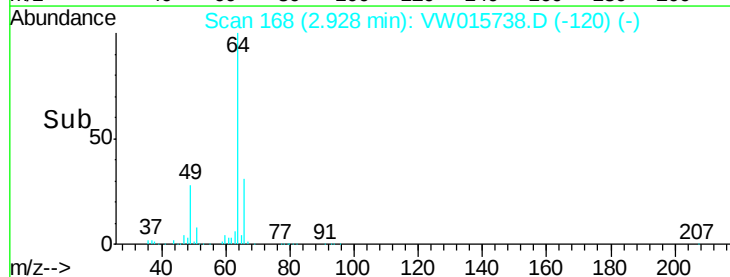
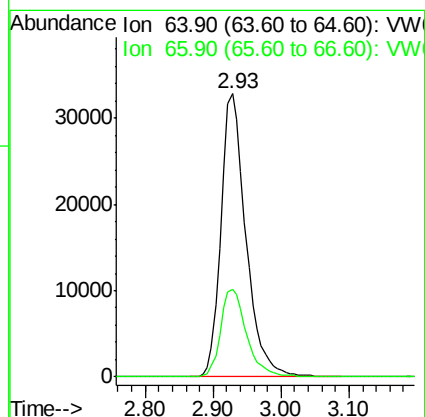
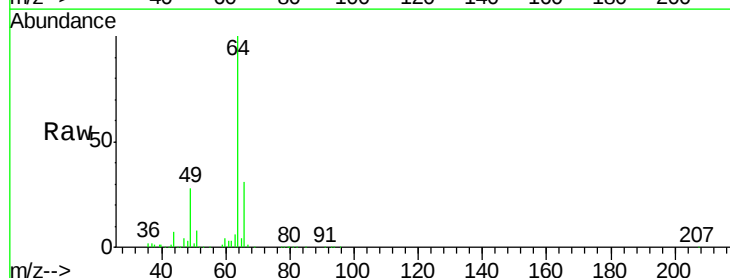
Acq: 26 Jun 2020 09:56

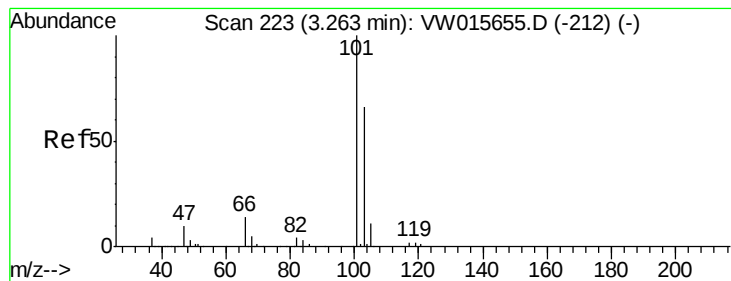
Tgt Ion: 64 Resp: 83513

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



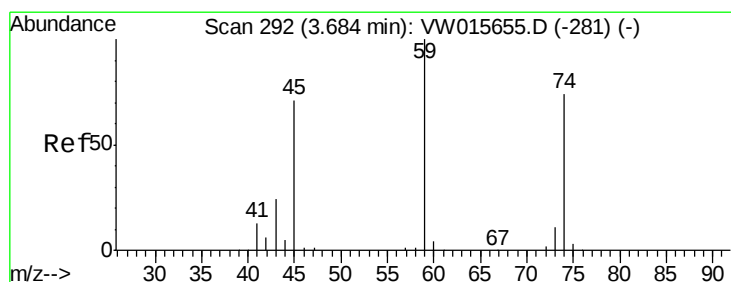
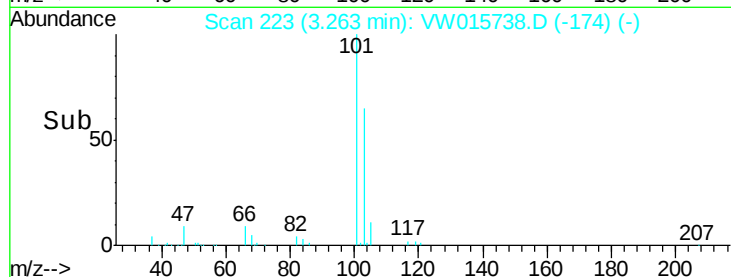
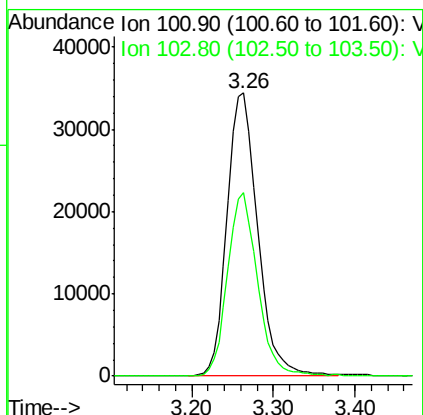
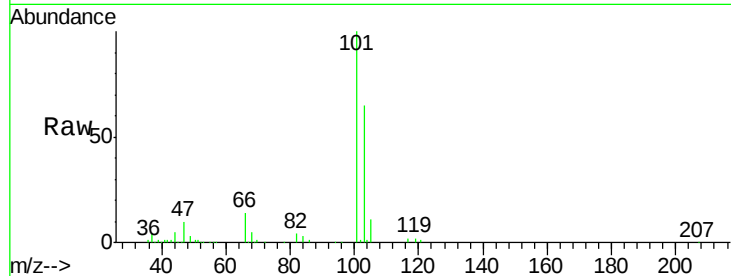


#7

Trichlorofluoromethane
 Concen: 54.147 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

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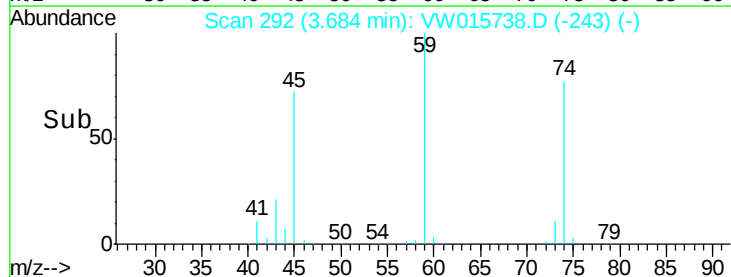
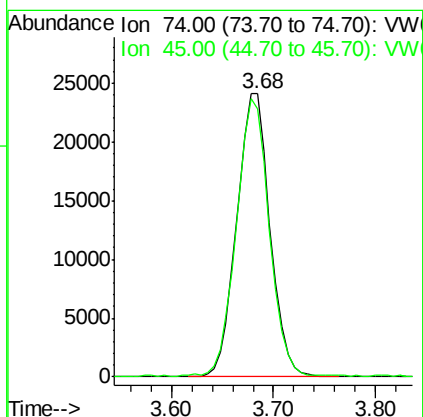
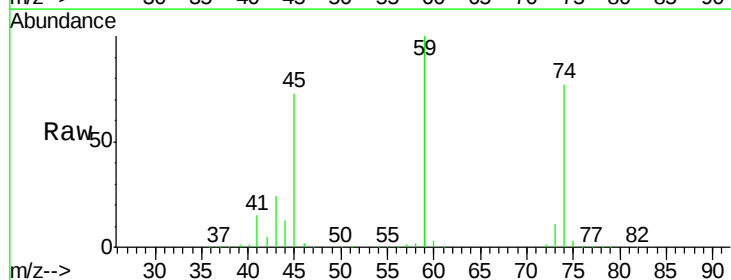
Tot Ion:101 Resp: 89522
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.6 78.8

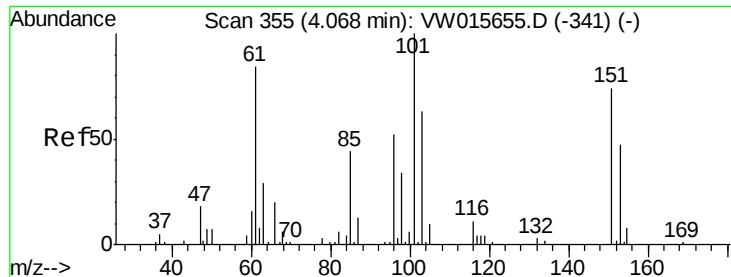


#8

Diethyl Ether
 Concen: 56.989 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion: 74 Resp: 54416
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.885 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

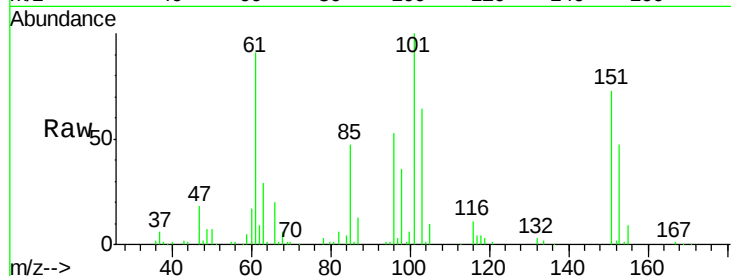
Tot Ion:101 Resp: 97217

Ion Ratio Lower Upper

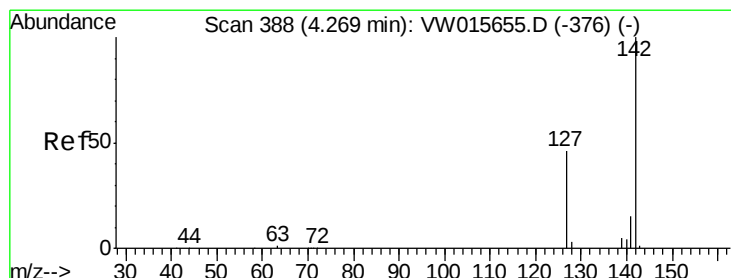
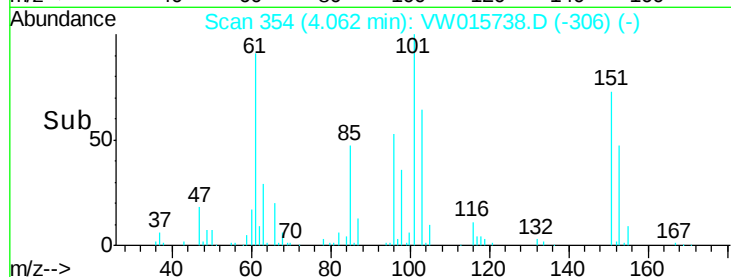
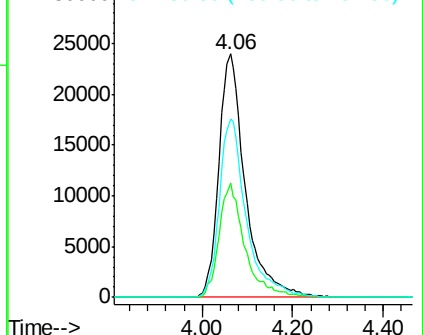
101 100

85 45.7 36.6 55.0

151 74.7 60.4 90.6



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



#10

Methyl Iodide

Concen: 49.910 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

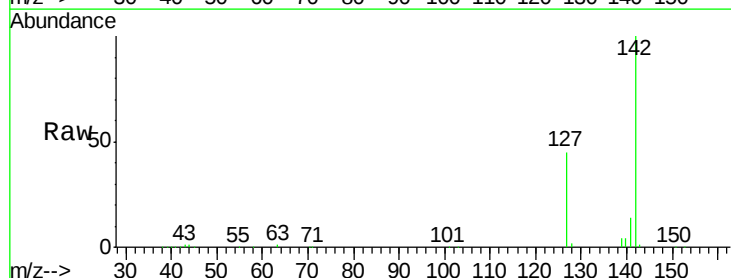
Tgt Ion:142 Resp: 137532

Ion Ratio Lower Upper

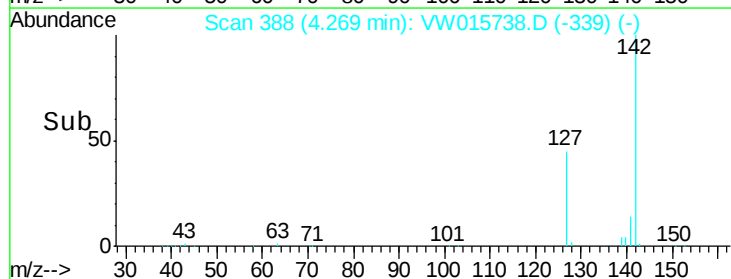
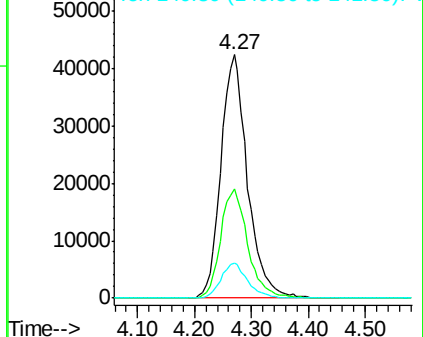
142 100

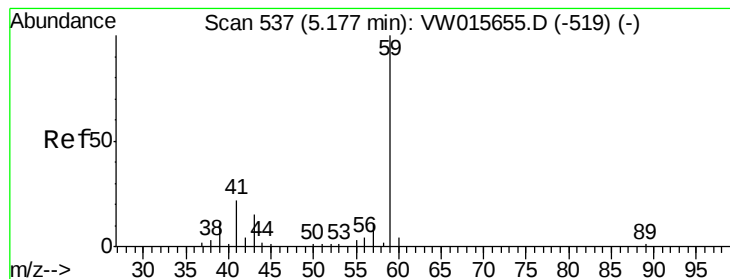
127 45.8 36.4 54.6

141 14.3 11.6 17.4



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



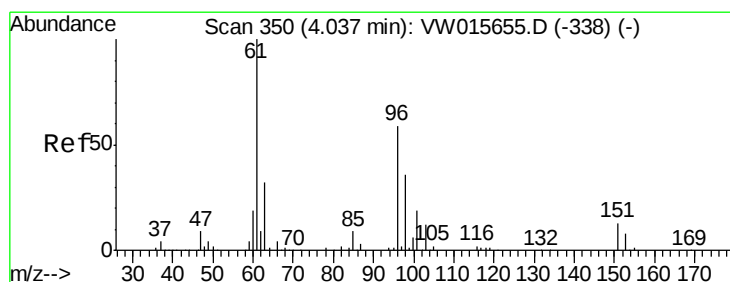
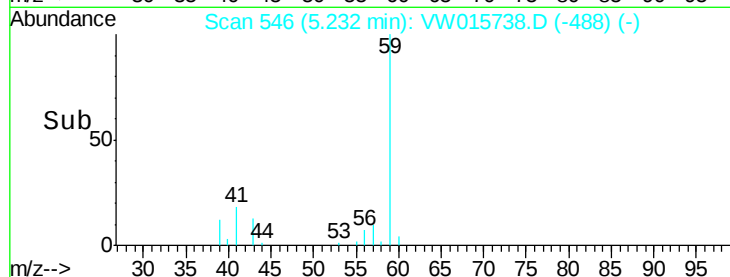
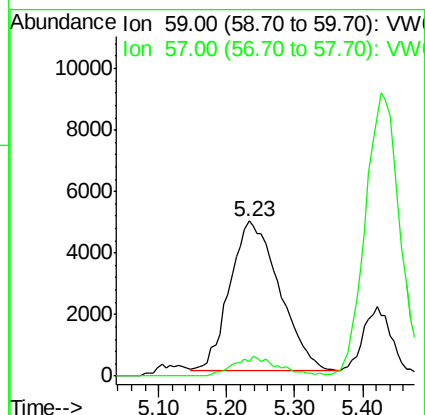
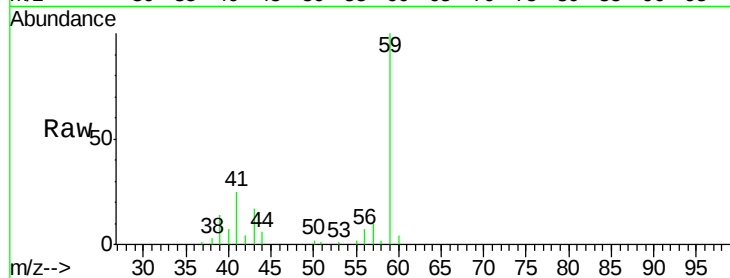


#11

Tert butyl alcohol
 Concen: 199.940 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. 0.06 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

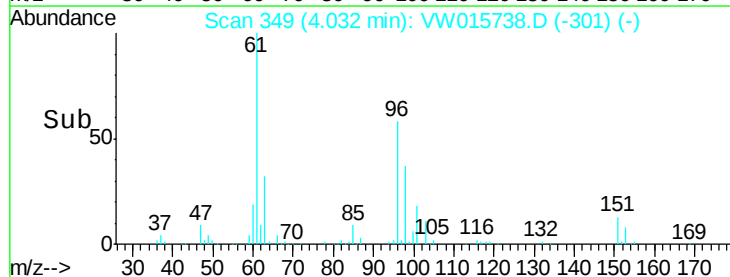
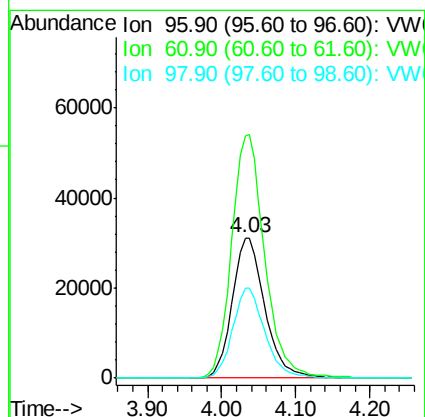
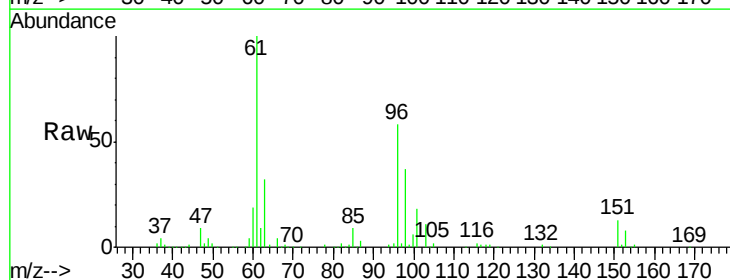
Tot Ion: 59 Resp: 24796
 Ion Ratio Lower Upper
 59 100
 57 11.9 8.4 12.6

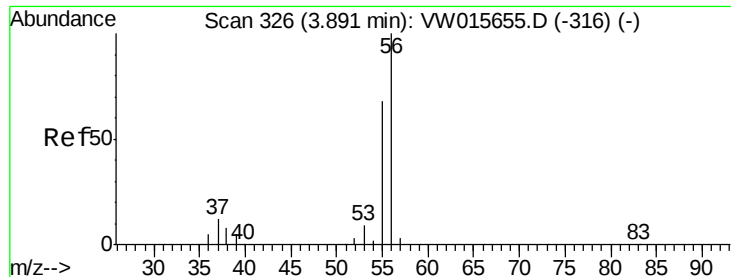


#12

1,1-Dichloroethene
 Concen: 50.433 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion: 96 Resp: 95701
 Ion Ratio Lower Upper
 96 100
 61 172.9 136.7 205.1
 98 63.7 49.2 73.8





#13

Acrolein

Concen: 214.304 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

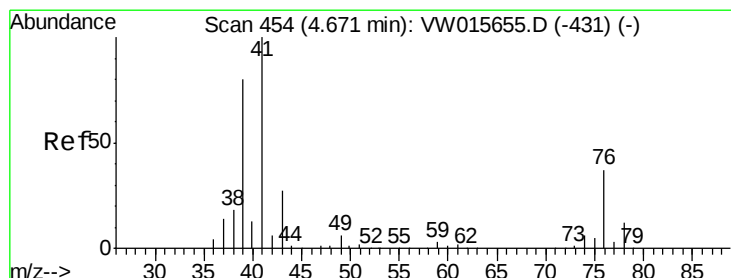
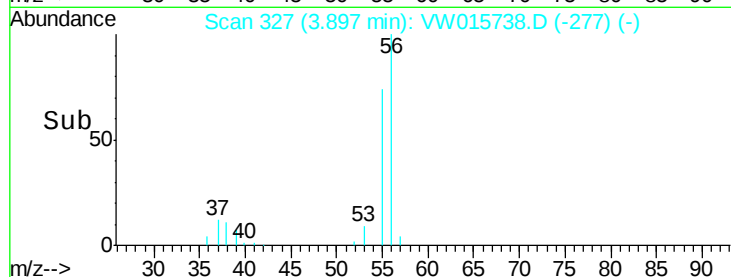
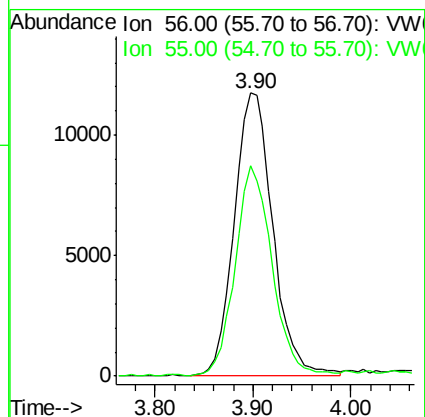
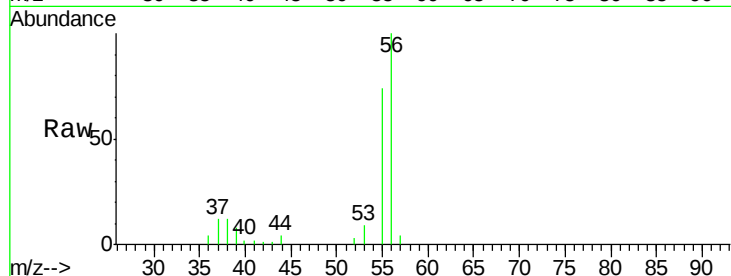
VSTDCCC050

Tot Ion: 56 Resp: 32222

Ion Ratio Lower Upper

56 100

55 71.0 56.2 84.2



#14

Allyl chloride

Concen: 50.373 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

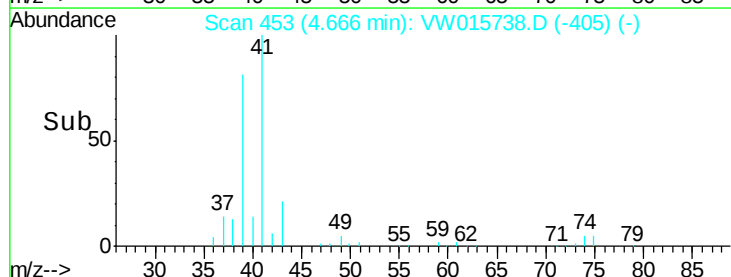
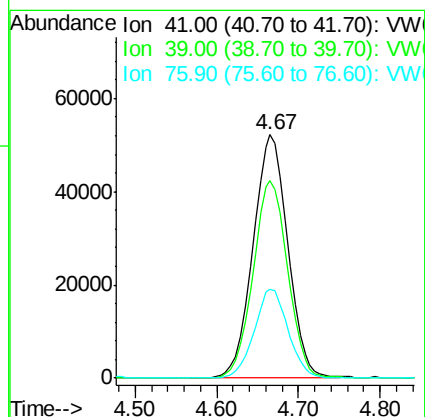
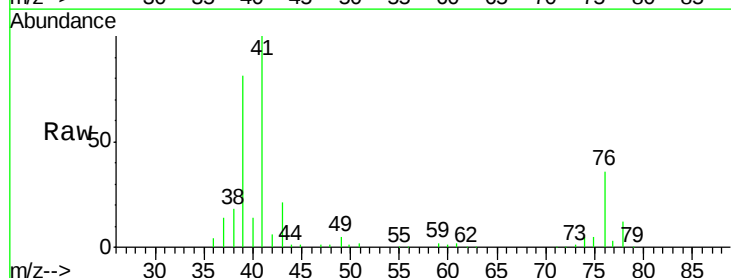
Tgt Ion: 41 Resp: 155078

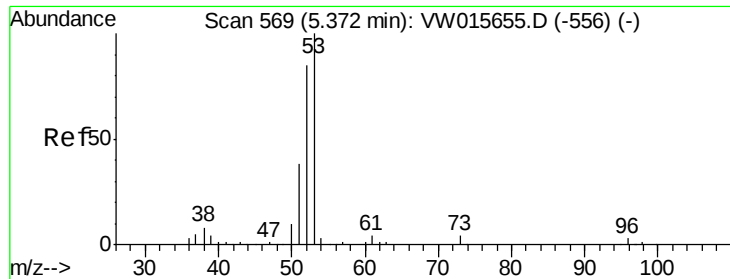
Ion Ratio Lower Upper

41 100

39 80.9 64.6 97.0

76 35.8 29.1 43.7





#15

Acrylonitrile

Concen: 244.575 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

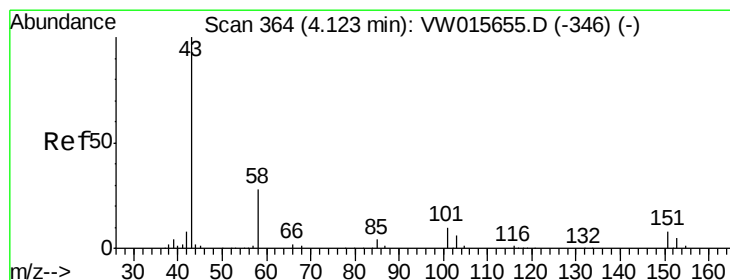
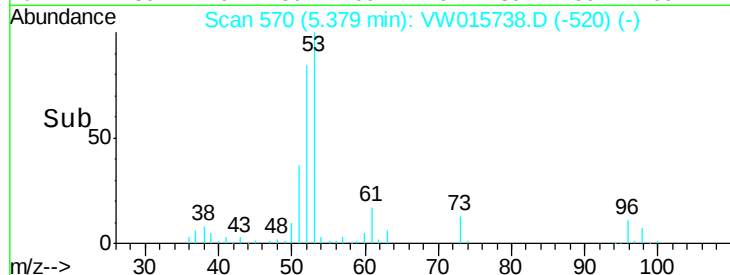
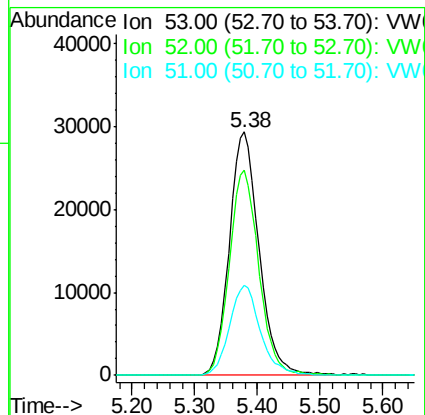
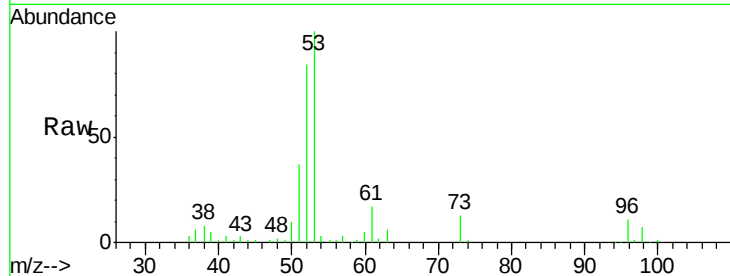
Tot Ion: 53 Resp: 96351

Ion Ratio Lower Upper

53 100

52 83.3 65.8 98.6

51 38.3 30.7 46.1



#16

Acetone

Concen: 275.584 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW015738.D

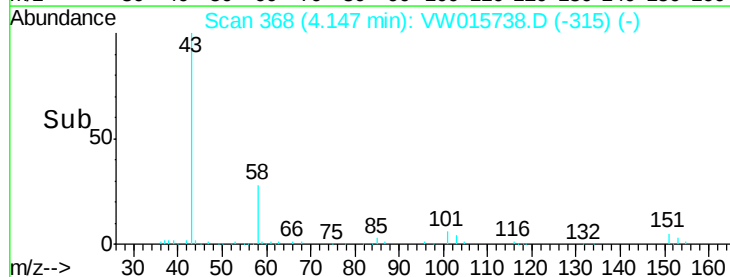
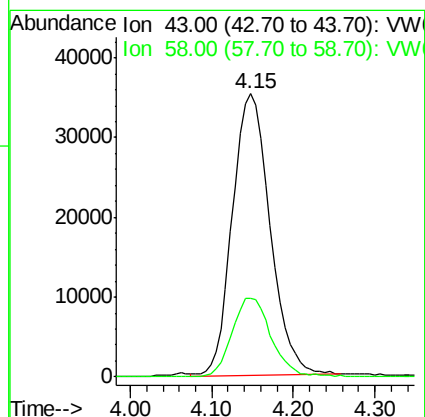
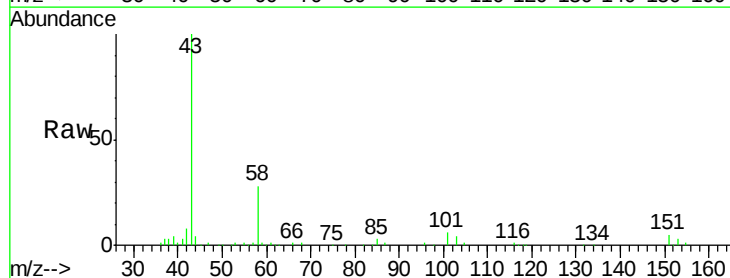
Acq: 26 Jun 2020 09:56

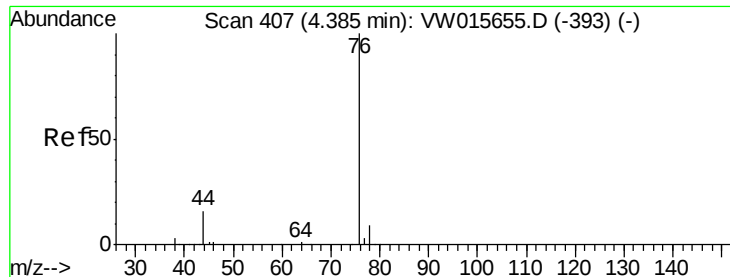
Tgt Ion: 43 Resp: 113393

Ion Ratio Lower Upper

43 100

58 28.1 22.6 33.8

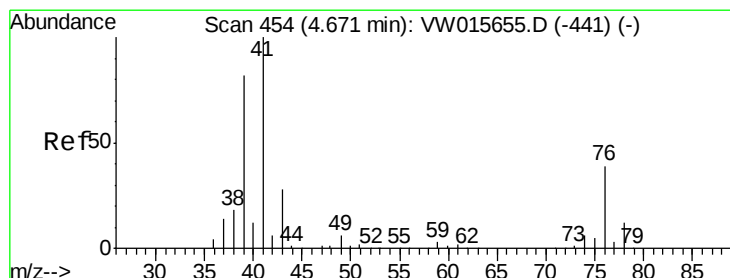
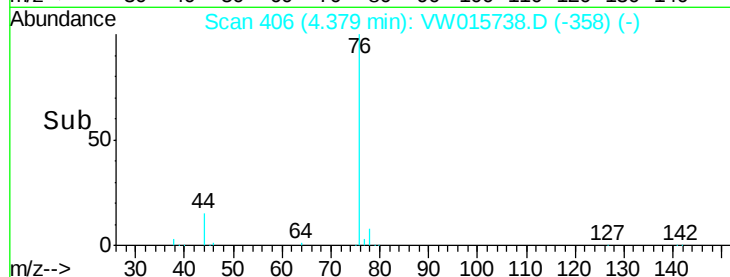
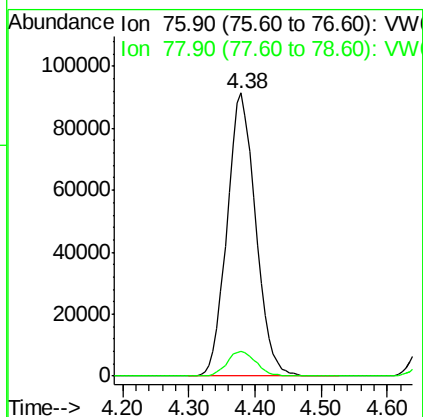
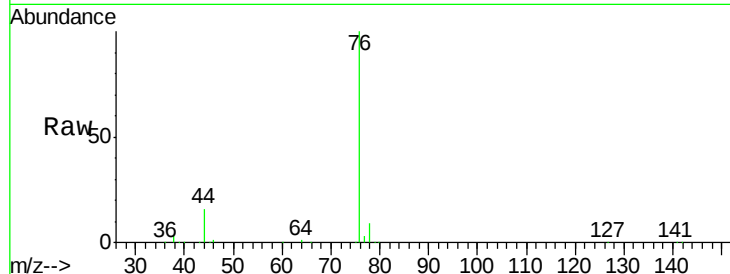




#17
Carbon Disulfide
Concen: 50.255 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

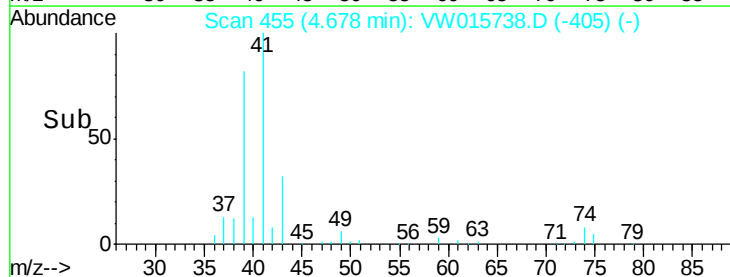
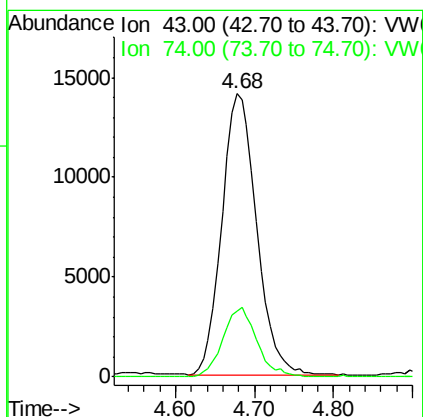
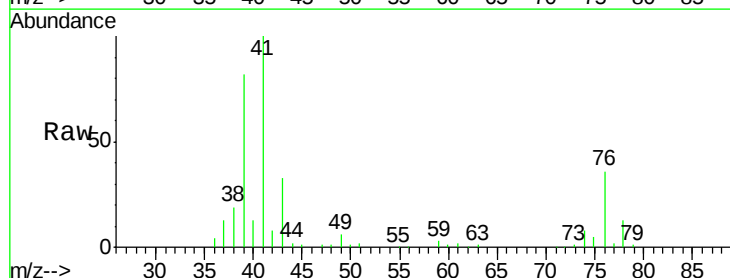
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

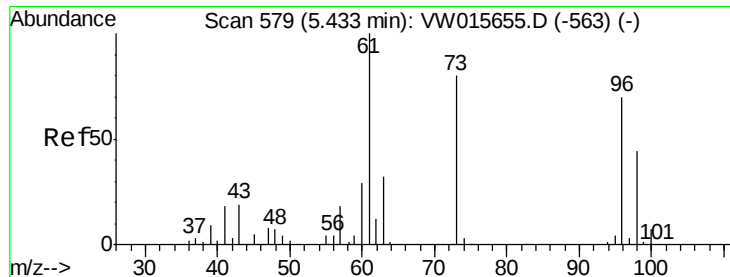
Tot Ion: 76 Resp: 274469
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 50.820 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 43 Resp: 43200
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.6

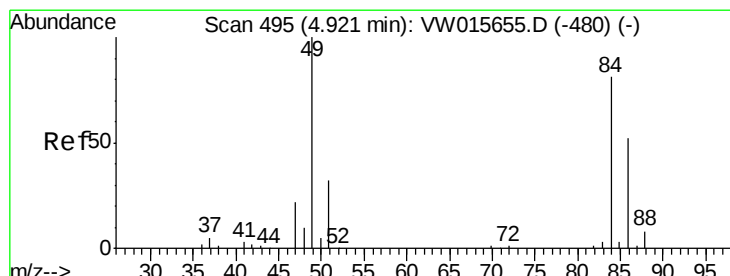
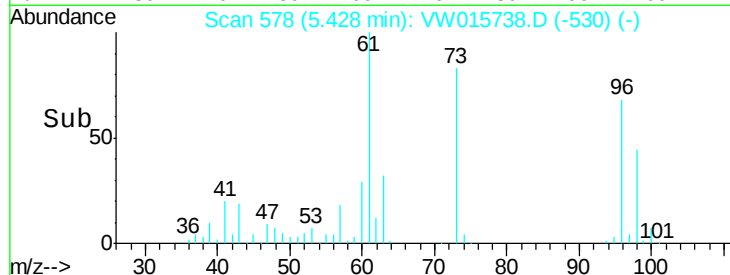
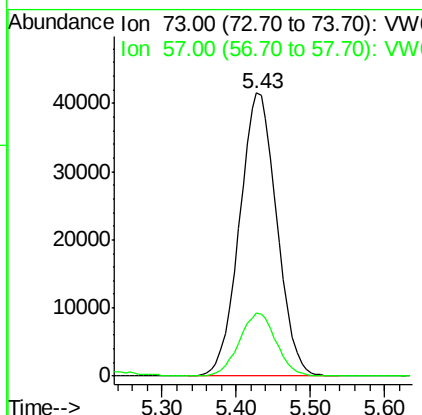
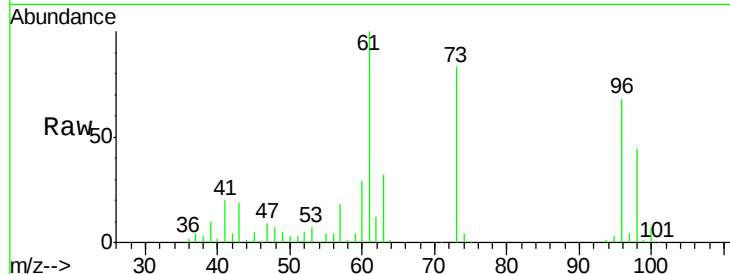




#19
Methyl tert-butyl Ether
Concen: 50.837 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

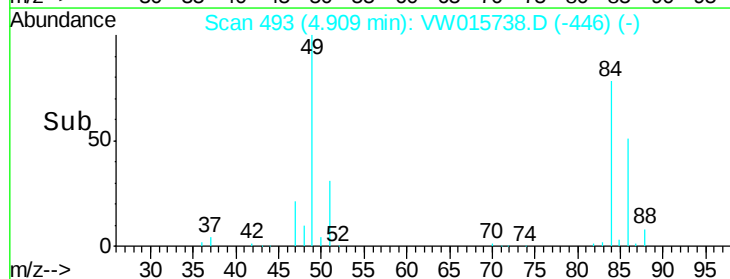
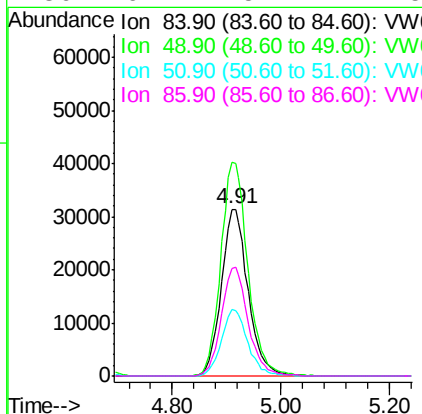
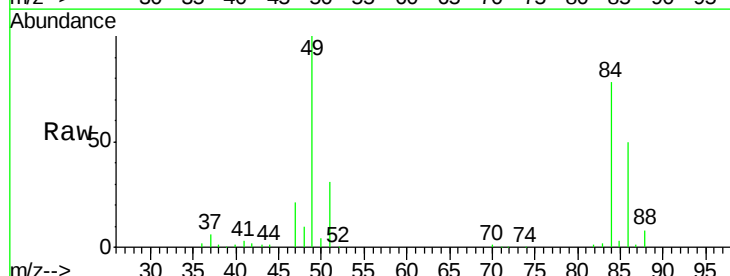
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

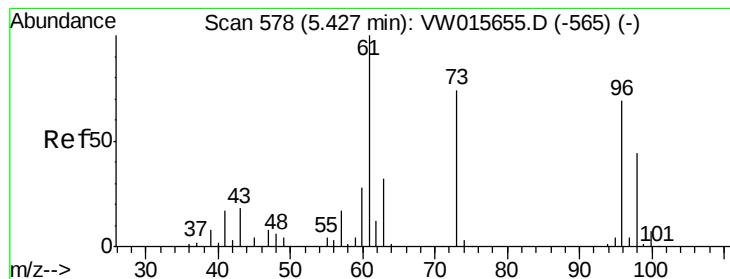
Tot Ion: 73 Resp: 145181
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1



#20
Methylene Chloride
Concen: 53.715 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 84 Resp: 107007
Ion Ratio Lower Upper
84 100
49 128.2 99.3 148.9
51 39.7 31.8 47.6
86 64.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 50.093 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

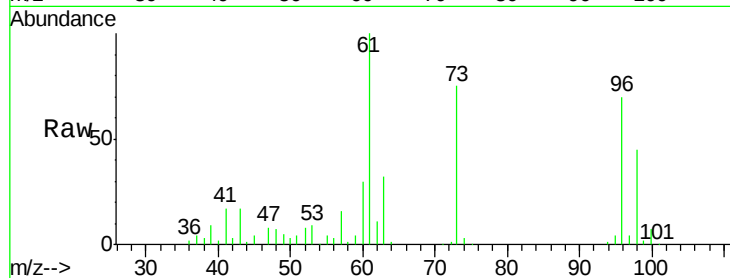
Tot Ion: 96 Resp: 108983

Ion Ratio Lower Upper

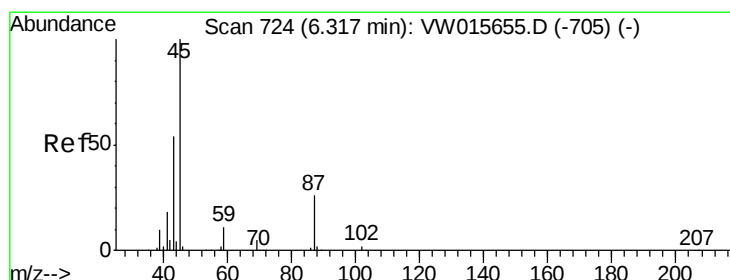
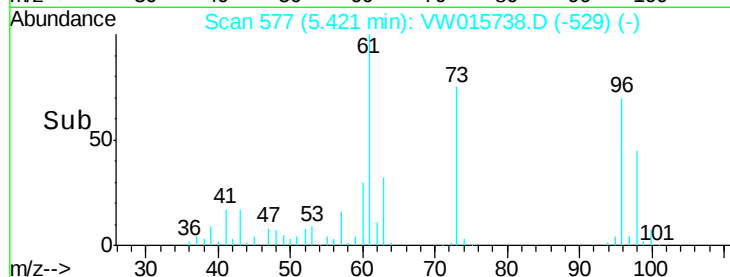
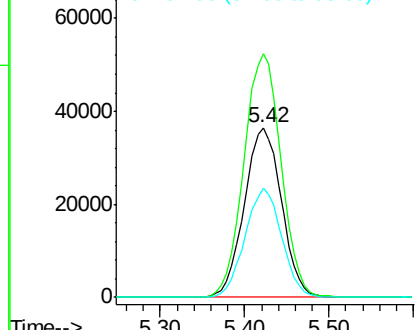
96 100

61 143.7 116.2 174.2

98 64.4 51.4 77.0



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



#22

Diisopropyl ether

Concen: 50.747 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Tgt Ion: 45 Resp: 310729

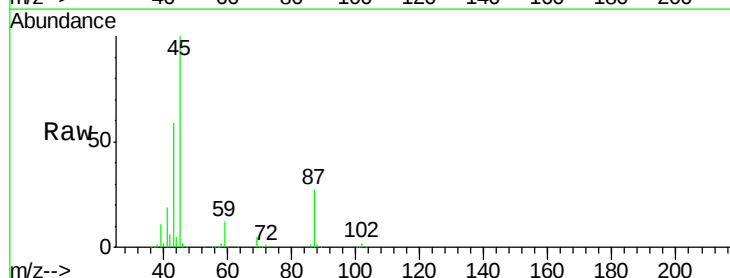
Ion Ratio Lower Upper

45 100

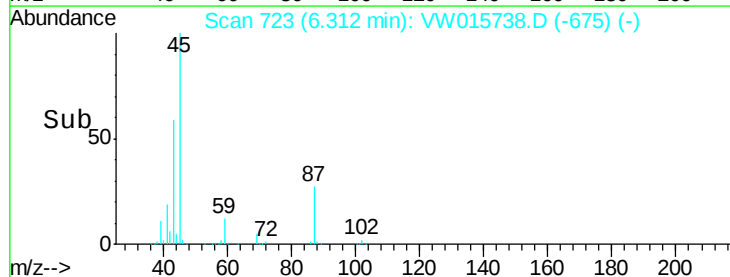
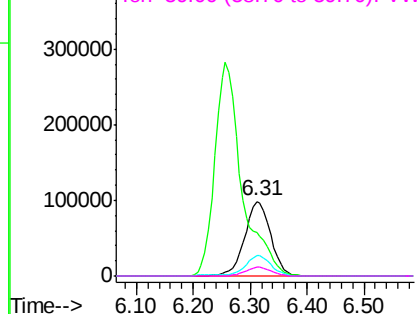
43 58.4 43.9 65.9

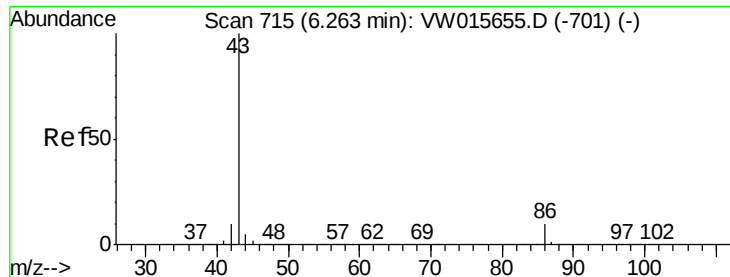
87 27.1 21.2 31.8

59 11.6 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 261.096 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

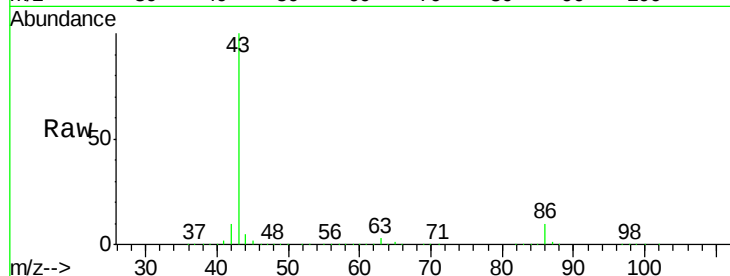
VSTDCCC050

Tot Ion: 43 Resp: 932299

Ion Ratio Lower Upper

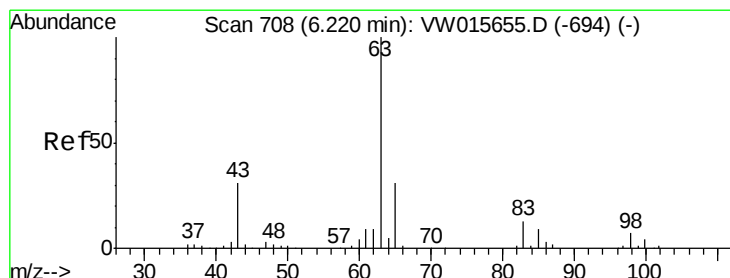
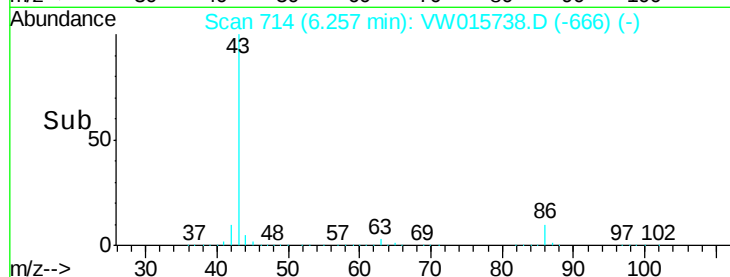
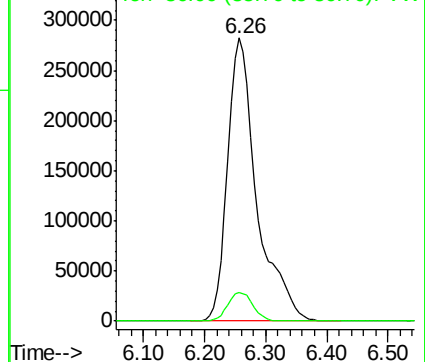
43 100

86 10.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.880 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

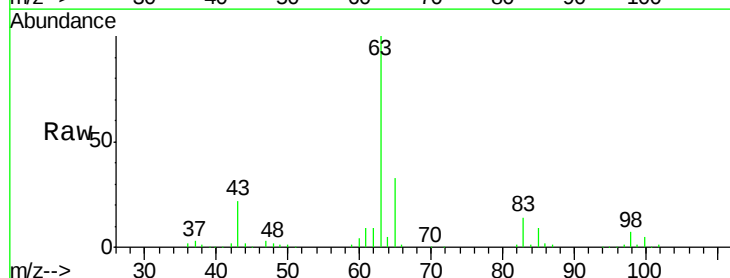
Tgt Ion: 63 Resp: 192253

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

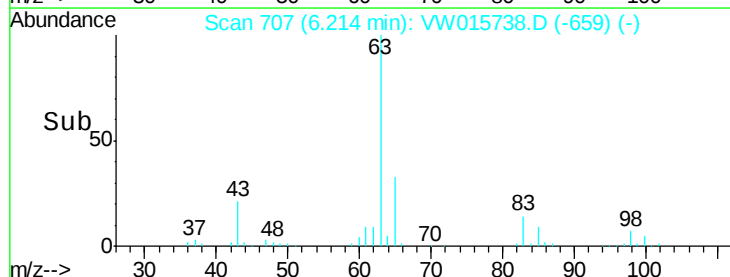
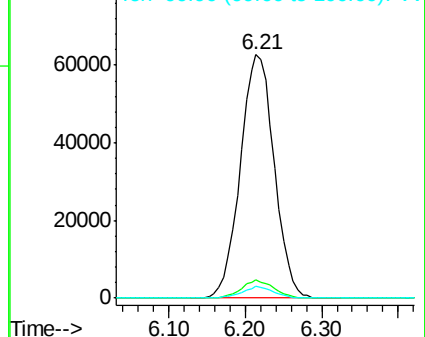
100 5.0 2.1 6.3

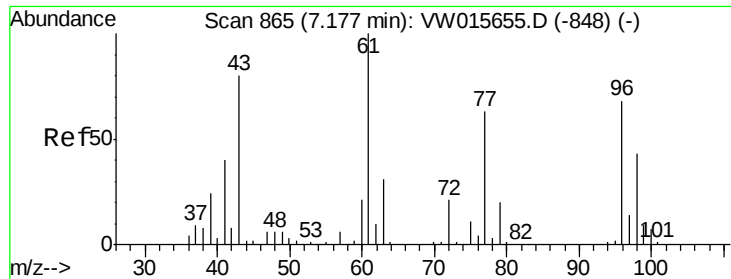


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

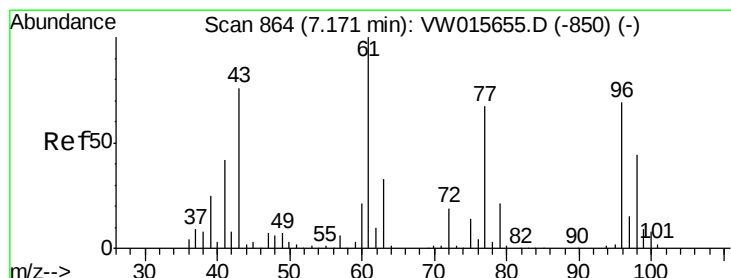
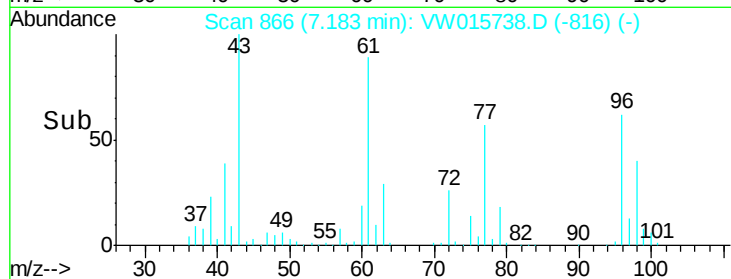
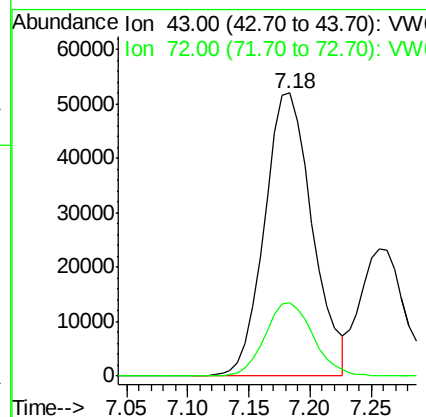
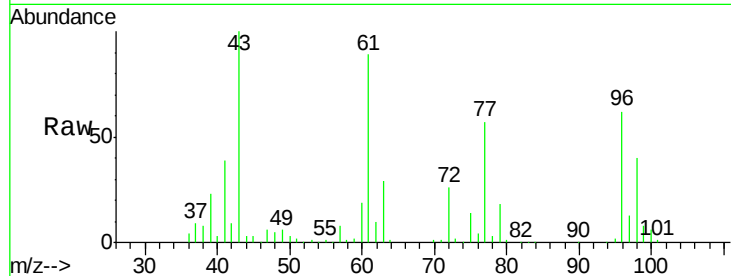




#25
2-Butanone
Concen: 254.748 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

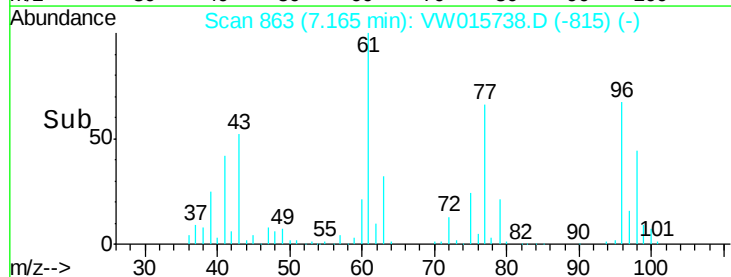
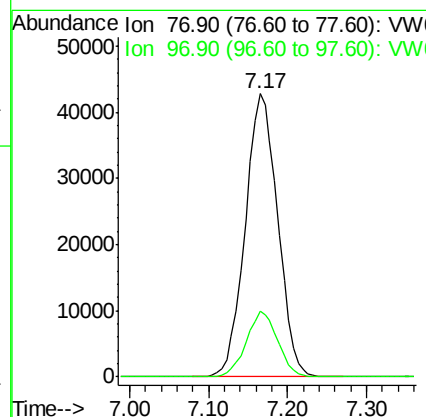
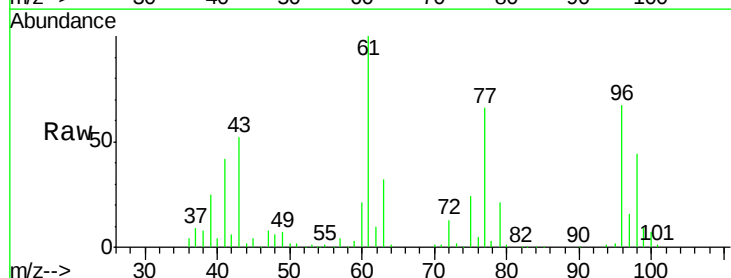
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

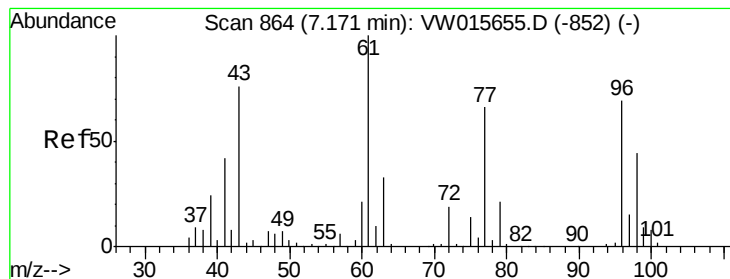
Tot Ion: 43 Resp: 141667
Ion Ratio Lower Upper
43 100
72 26.2 21.1 31.7



#26
2,2-Dichloropropane
Concen: 47.316 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 77 Resp: 122319
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5



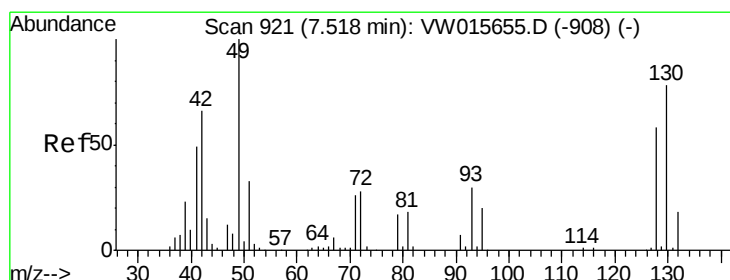
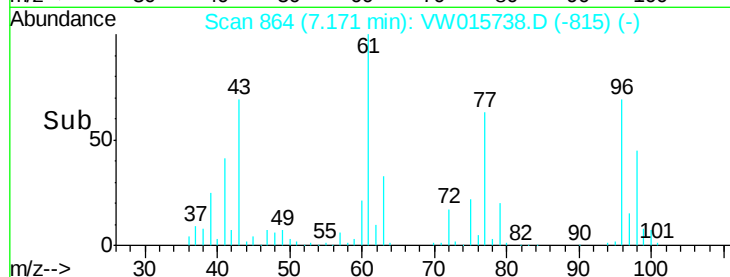
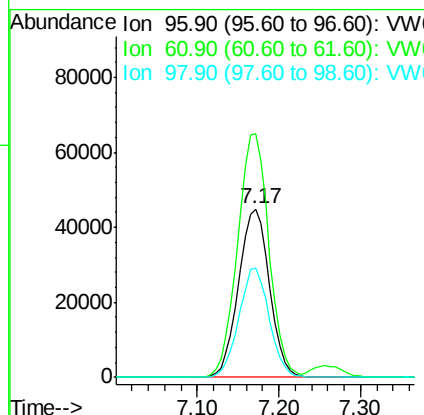
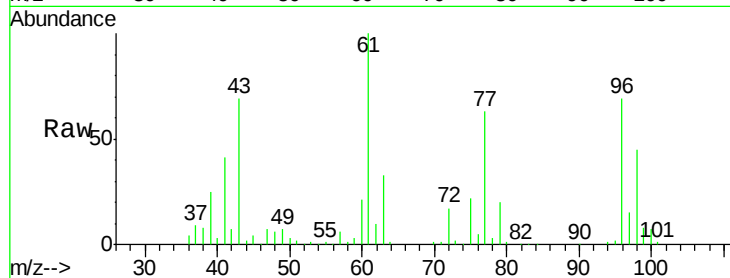


#27

cis-1,2-Dichloroethene
Concen: 50.370 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

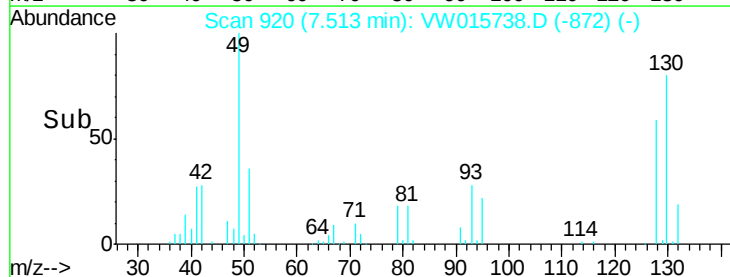
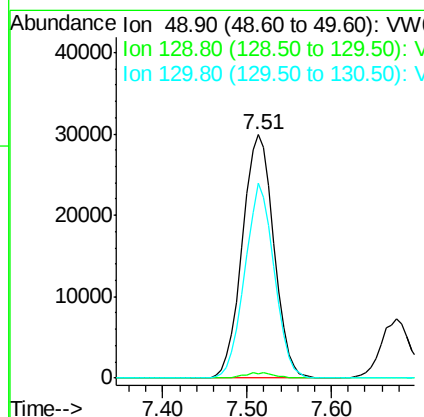
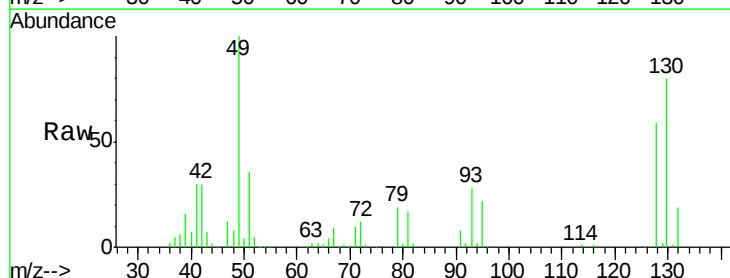
Tot Ion: 96 Resp: 117886
Ion Ratio Lower Upper
96 100
61 146.4 0.0 296.8
98 63.4 0.0 128.0

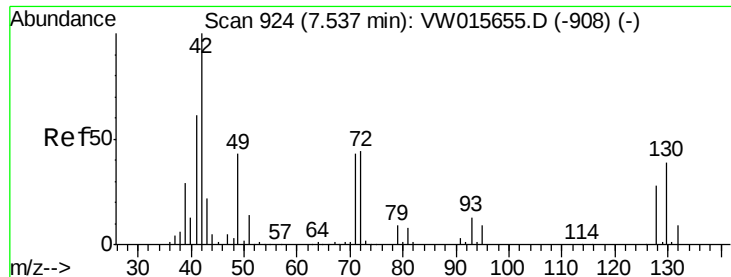


#28

Bromochloromethane
Concen: 51.066 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 49 Resp: 75710
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.2
130 74.7 61.0 91.4

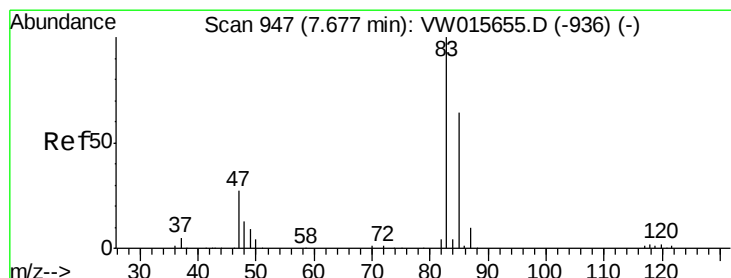
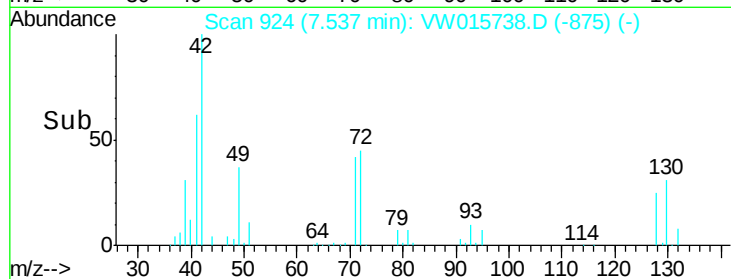
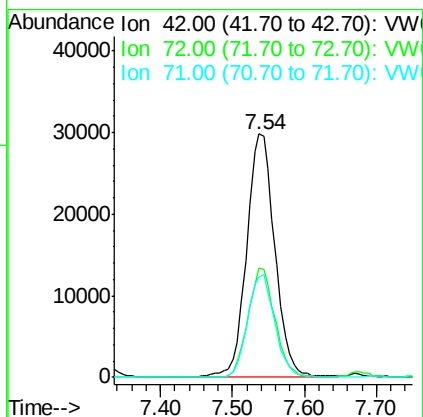
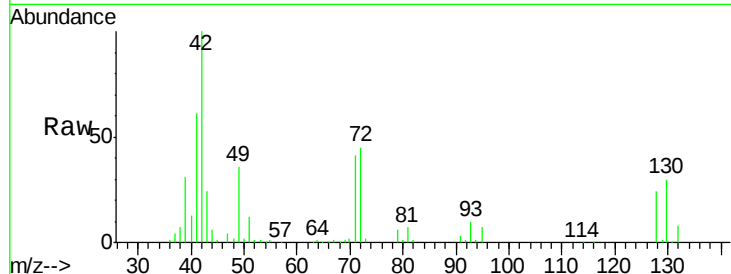




#29
Tetrahydrofuran
Concen: 247.418 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

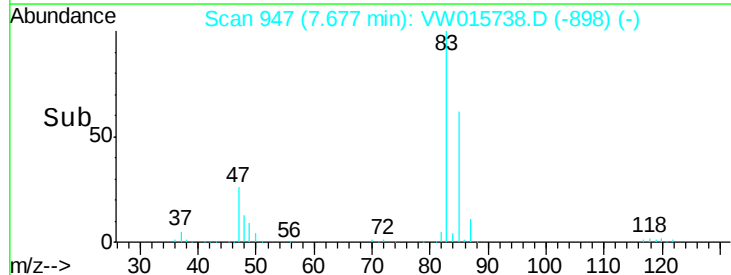
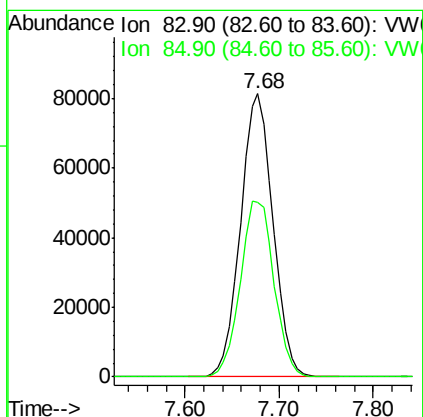
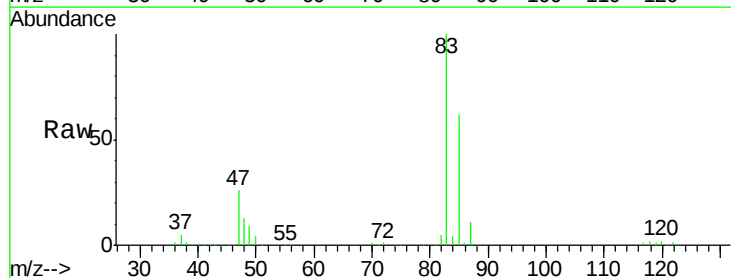
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

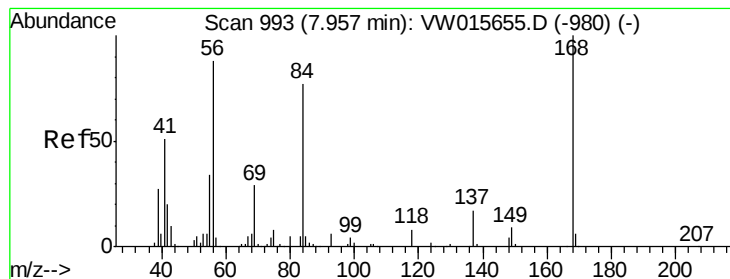
Tot Ion: 42 Resp: 80854
Ion Ratio Lower Upper
42 100
72 43.0 35.0 52.6
71 40.7 32.6 49.0



#30
Chloroform
Concen: 49.579 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 83 Resp: 195979
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.4





#31

Cyclohexane

Concen: 48.066 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

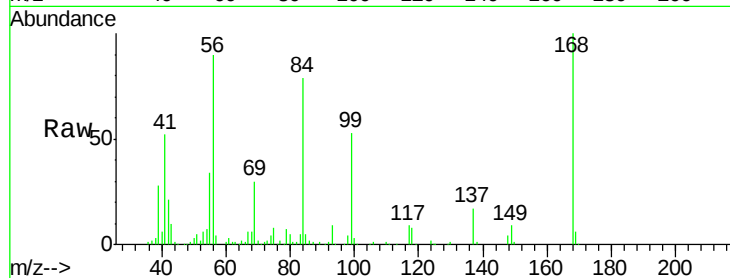
Tot Ion: 56 Resp: 179209

Ion Ratio Lower Upper

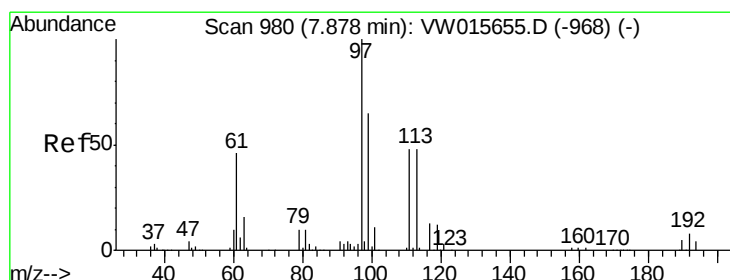
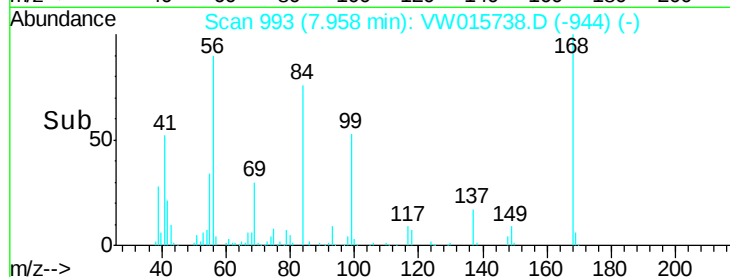
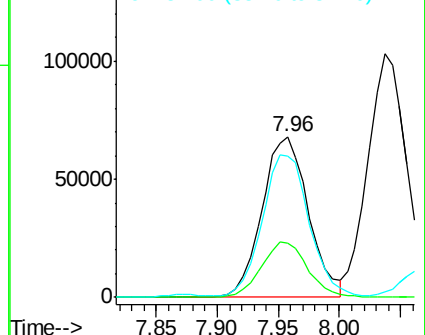
56 100

69 33.8 26.2 39.4

84 86.5 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 49.802 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

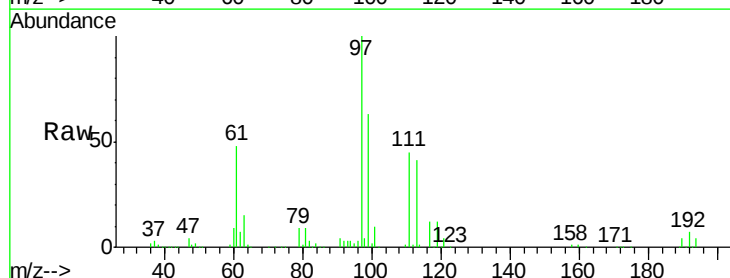
Tgt Ion: 97 Resp: 167808

Ion Ratio Lower Upper

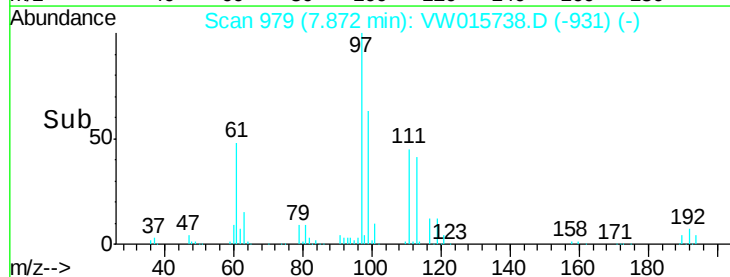
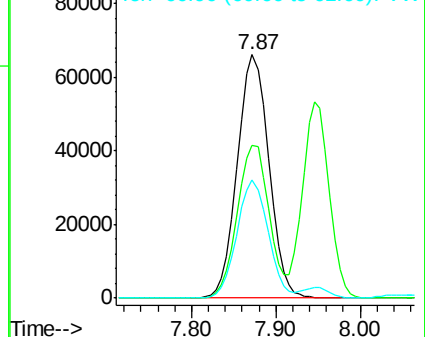
97 100

99 63.0 51.9 77.9

61 48.1 37.3 55.9



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: 48.713 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampled :

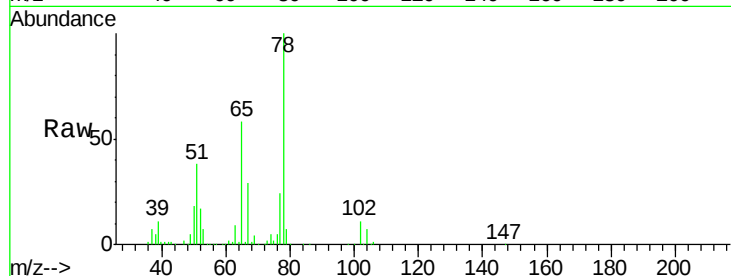
VSTDCCC050

Tot Ion: 65 Resp: 105436

Ion Ratio Lower Upper

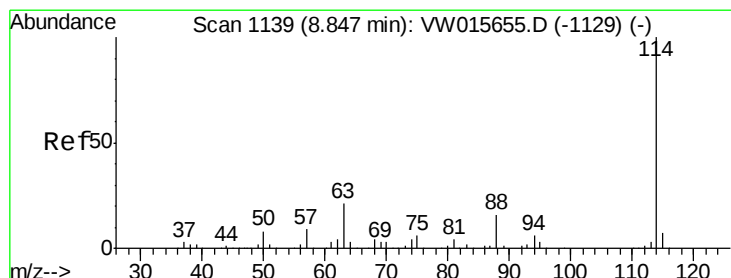
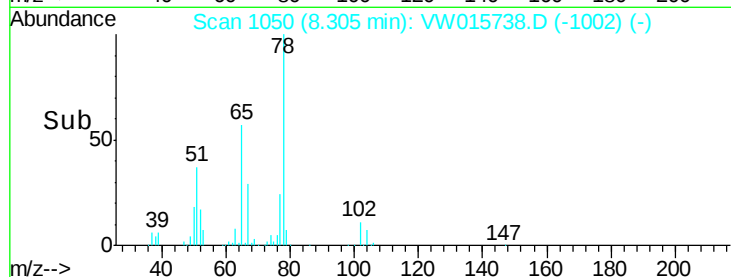
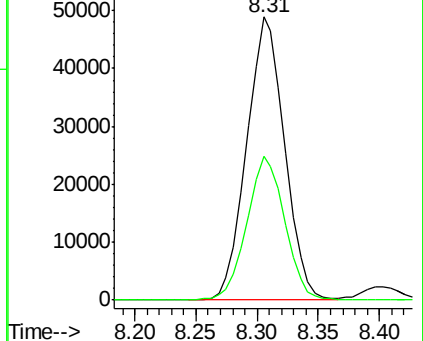
65 100

67 50.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

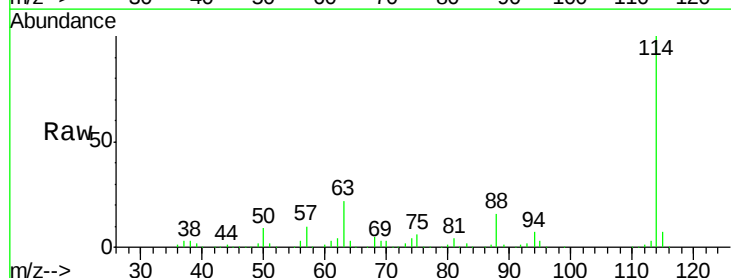
Tgt Ion: 114 Resp: 302078

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

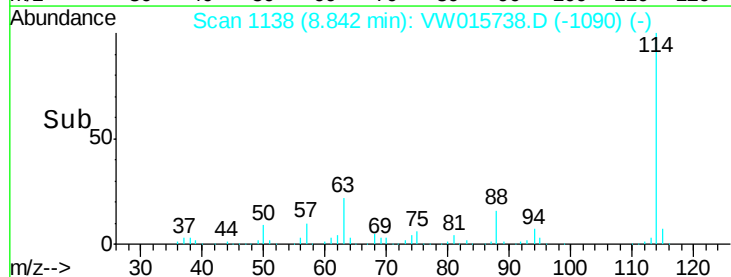
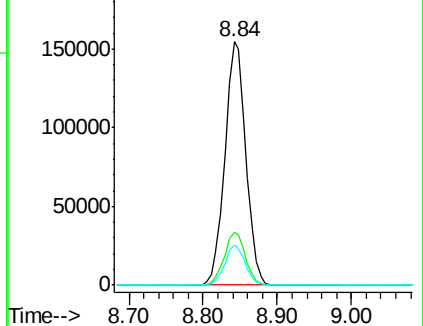
88 16.3 0.0 32.6

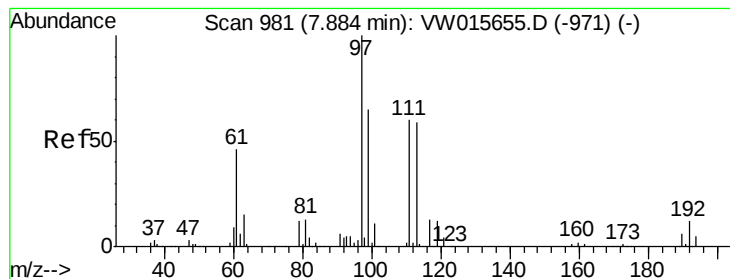


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 49.463 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

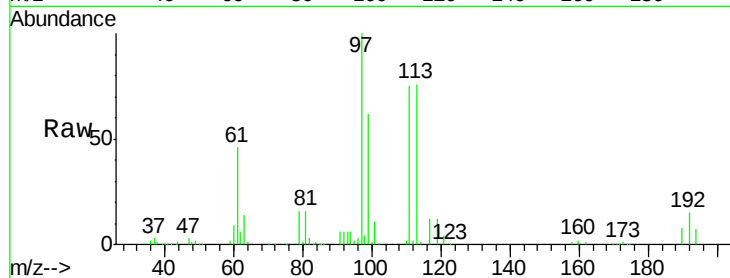
Tot Ion:113 Resp: 93988

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

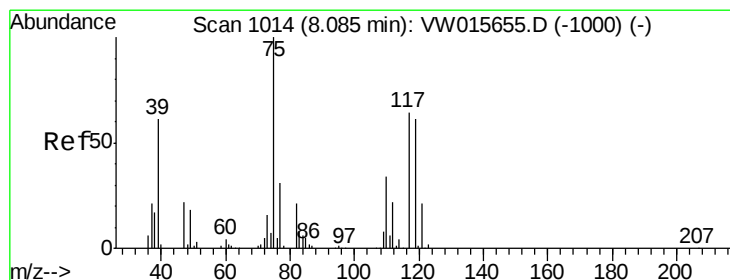
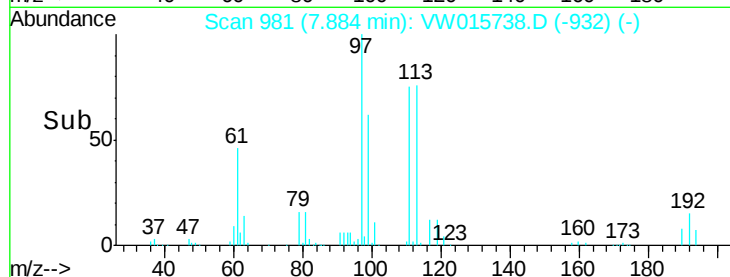
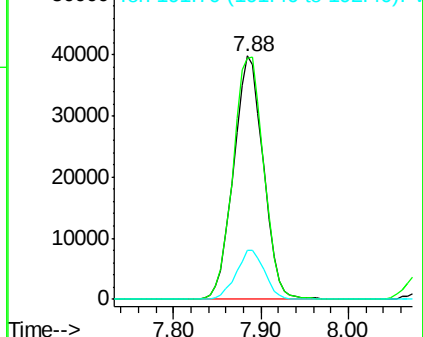
192 19.5 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.906 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

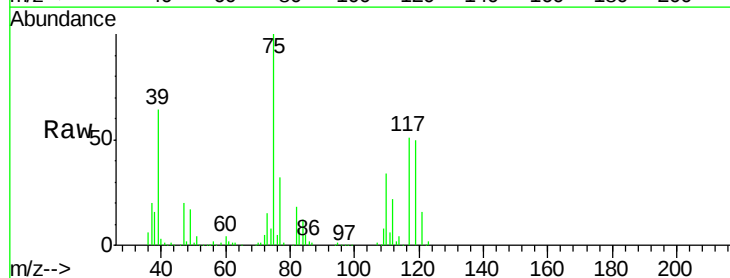
Tgt Ion: 75 Resp: 163083

Ion Ratio Lower Upper

75 100

110 33.9 17.0 51.0

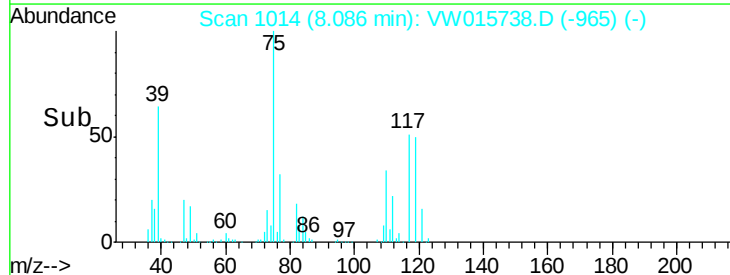
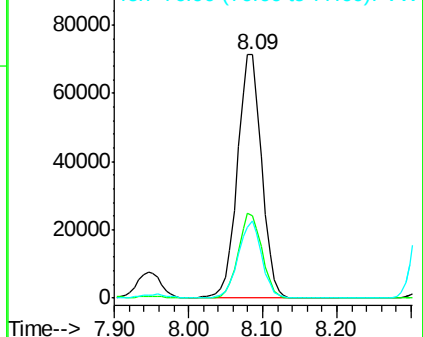
77 31.0 24.6 36.8

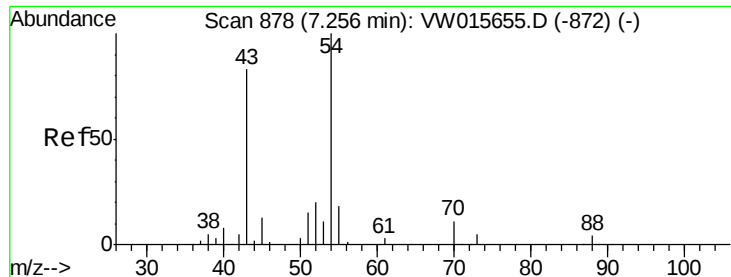


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

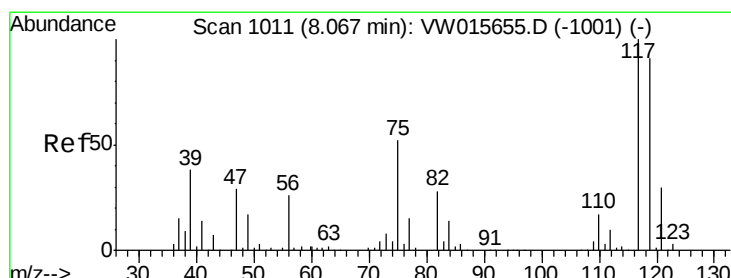
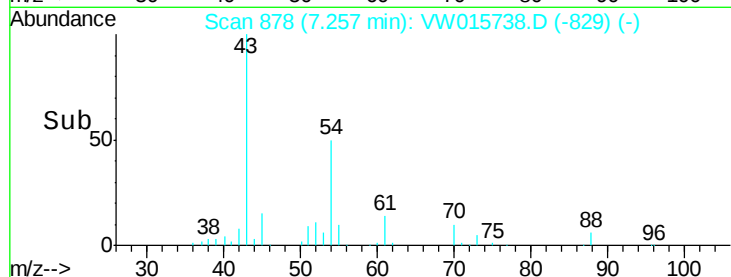
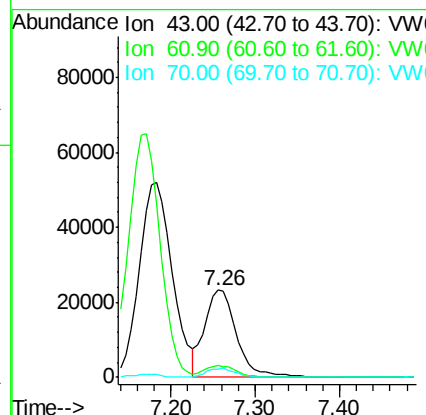
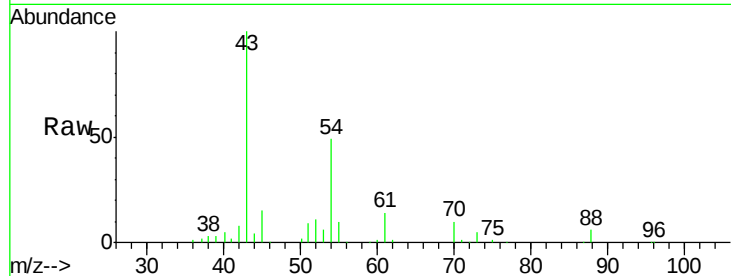




#37
Ethyl Acetate
Concen: 50.634 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

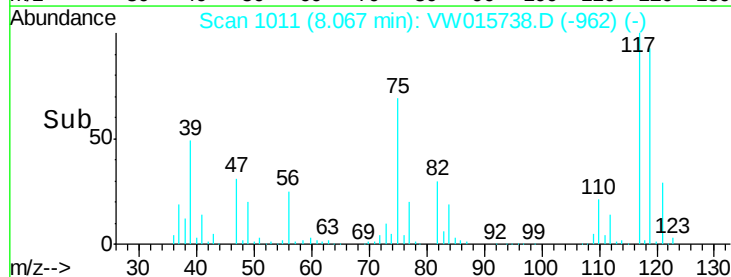
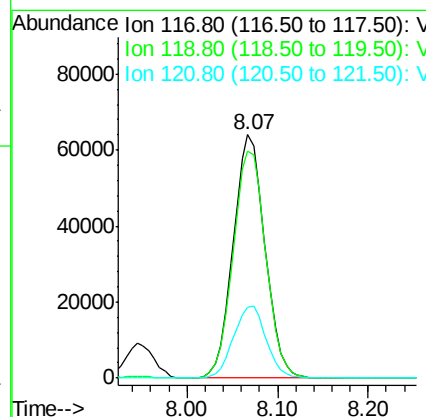
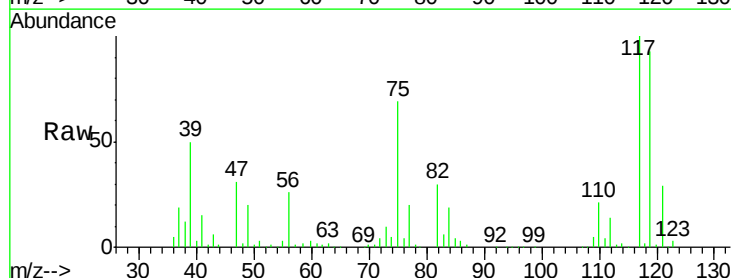
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 60743
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 9.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 51.030 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 117 Resp: 155419
Ion Ratio Lower Upper
117 100
119 93.0 73.2 109.8
121 29.2 23.9 35.9

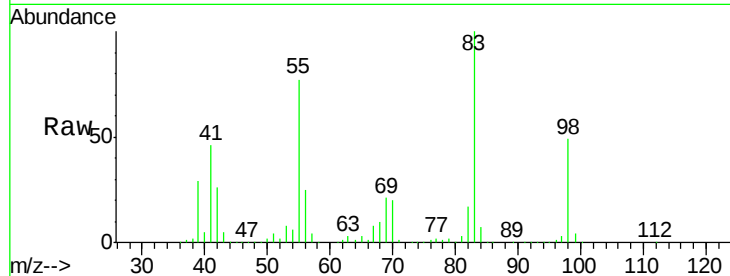




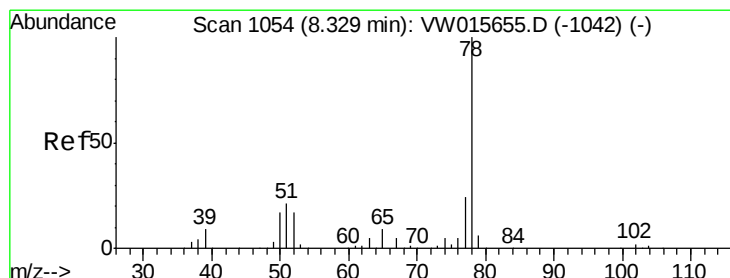
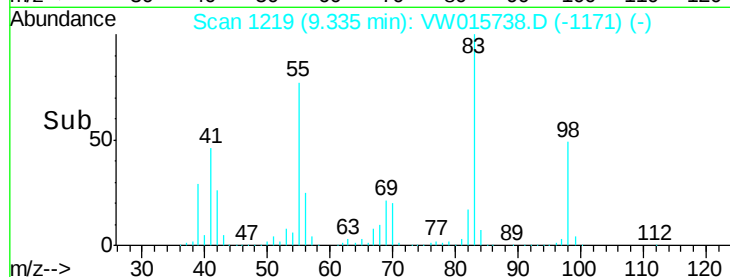
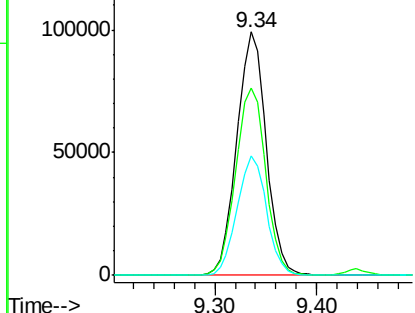
#39
Methvlcvclohexane
Concen: 52.049 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 198077
Ion Ratio Lower Upper
83 100
55 77.2 62.8 94.2
98 49.2 39.9 59.9

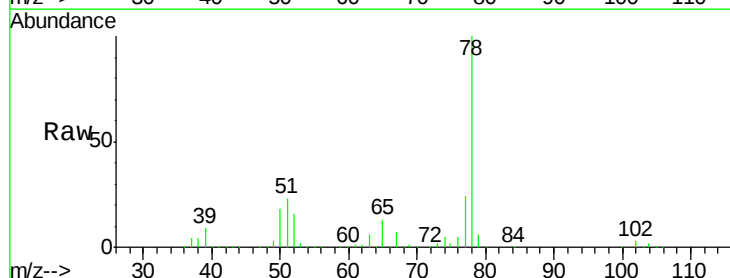


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

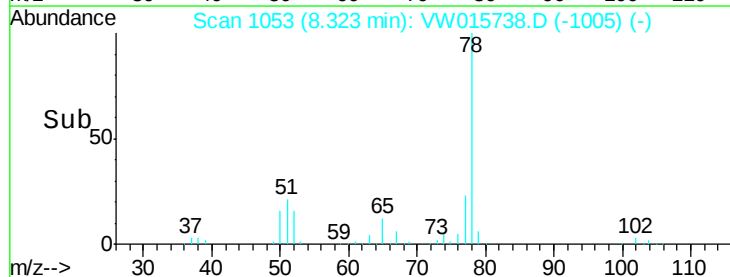
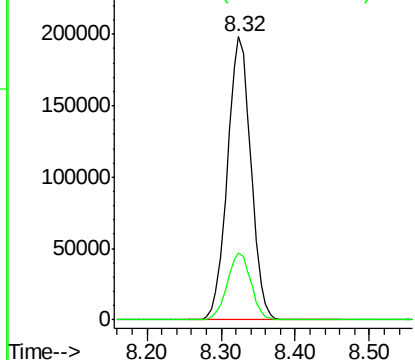


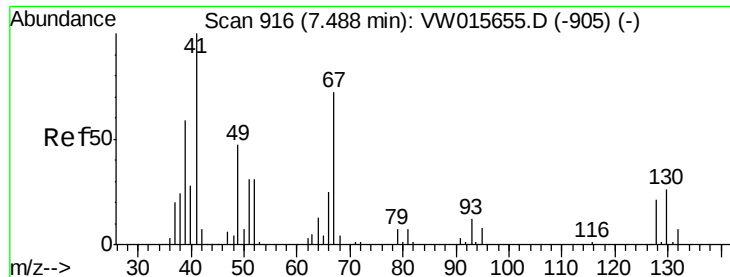
#40
Benzene
Concen: 51.036 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 78 Resp: 436009
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

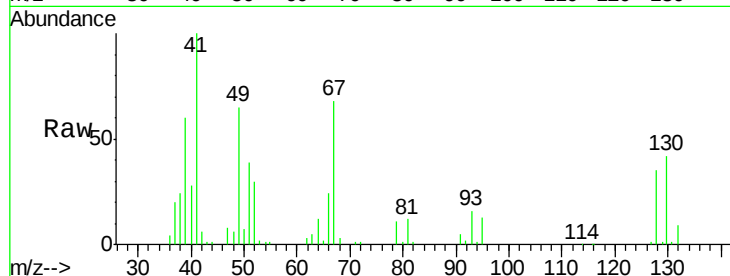




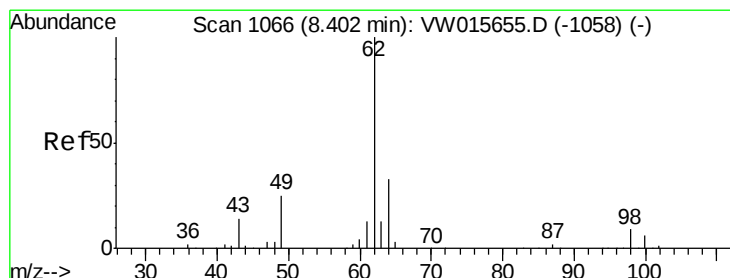
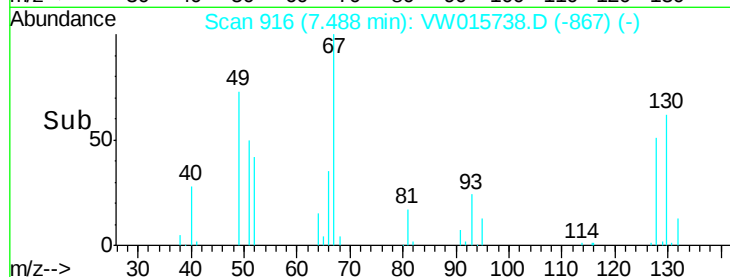
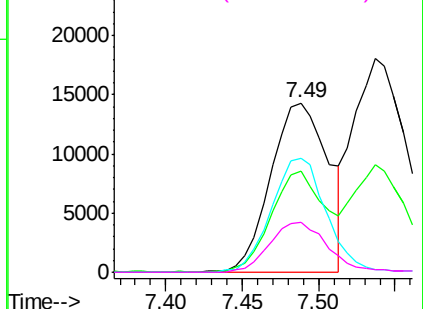
#41
Methacrylonitrile
Concen: 54.601 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 41 Resp: 37593
Ion Ratio Lower Upper
41 100
39 57.0 52.0 78.0
67 64.2 57.5 86.3
52 29.4 26.5 39.7

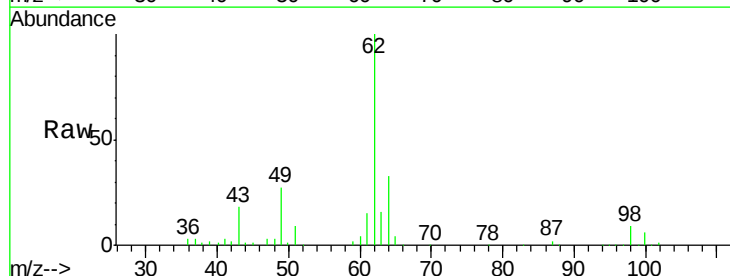


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

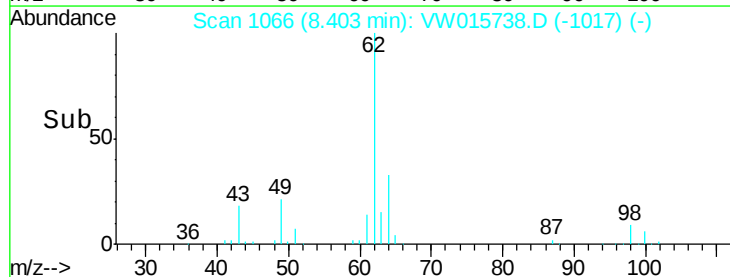
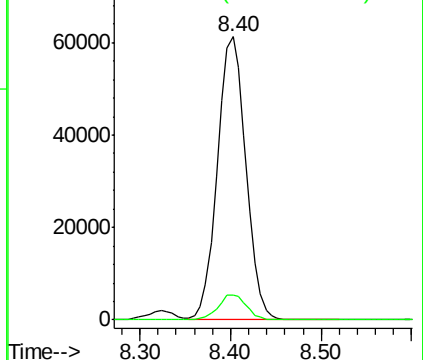


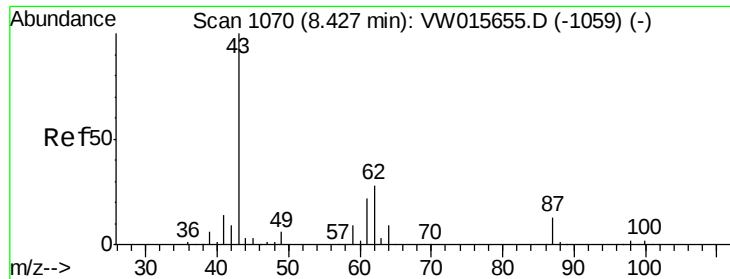
#42
1,2-Dichloroethane
Concen: 50.897 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 62 Resp: 134517
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW

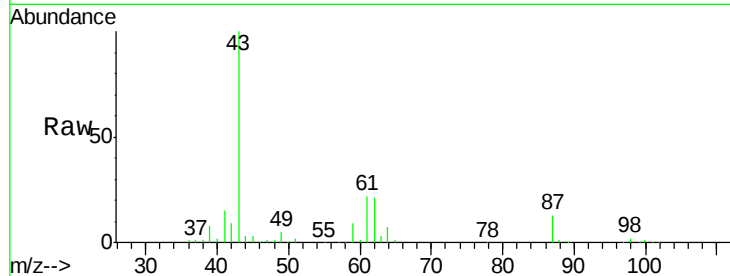




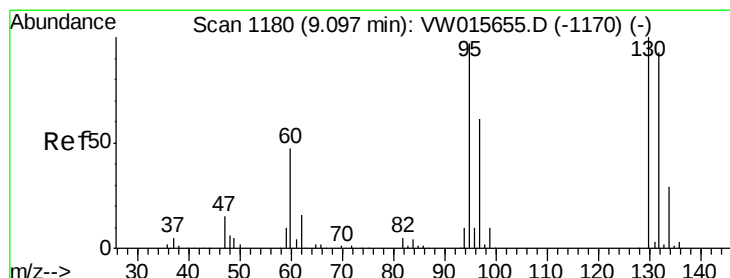
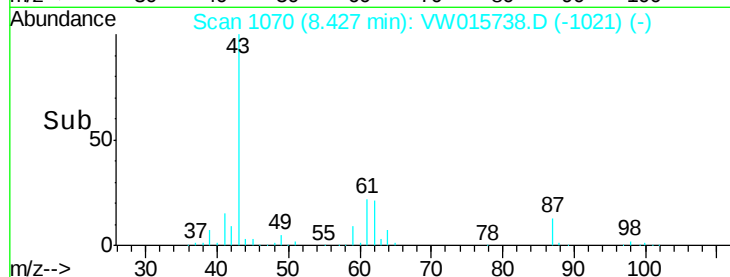
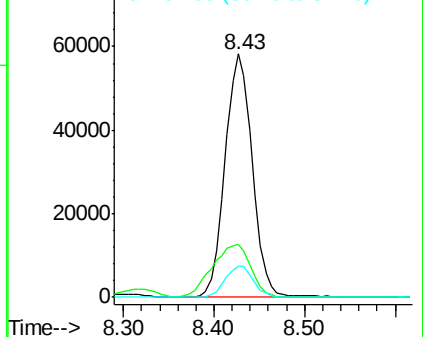
#43
Isopropyl Acetate
Concen: 50.555 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 121029
Ion Ratio Lower Upper
43 100
61 31.2 24.7 37.1
87 13.0 10.2 15.2

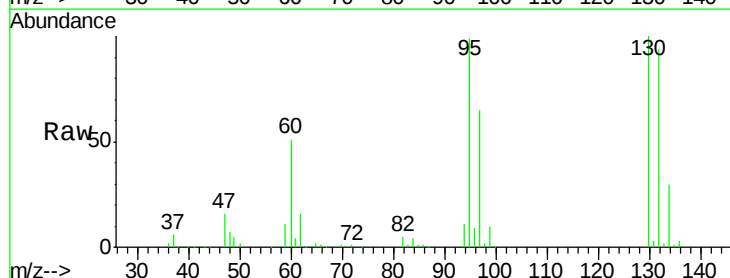


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

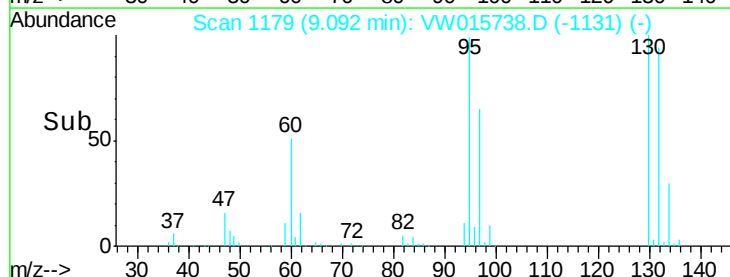
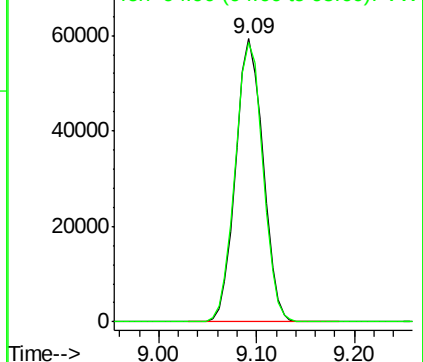


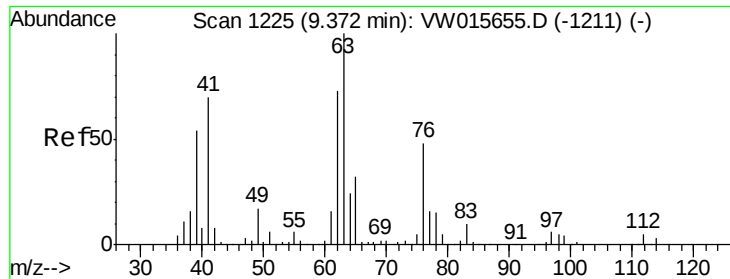
#44
Trichloroethene
Concen: 50.361 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 130 Resp: 115966
Ion Ratio Lower Upper
130 100
95 98.6 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

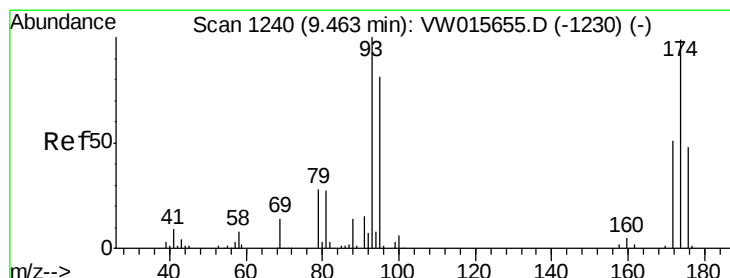
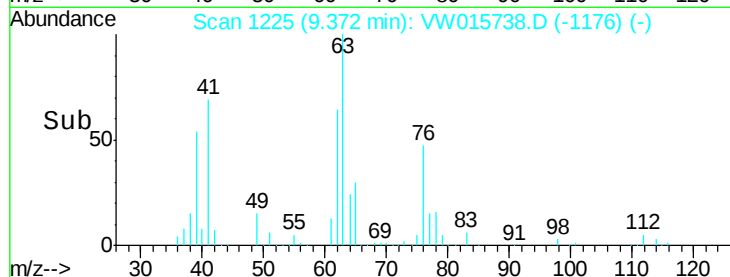
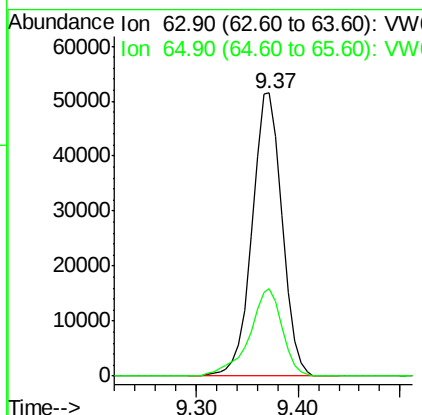
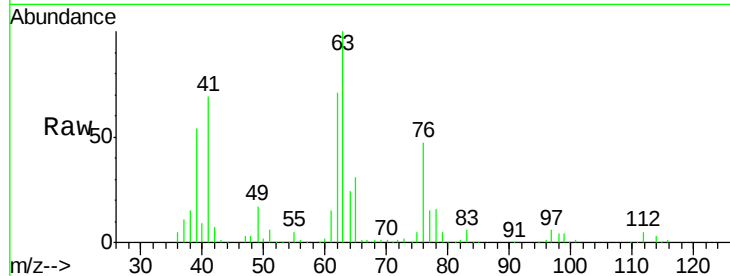




#45
 1,2-Dichloropropane
 Concen: 50.701 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

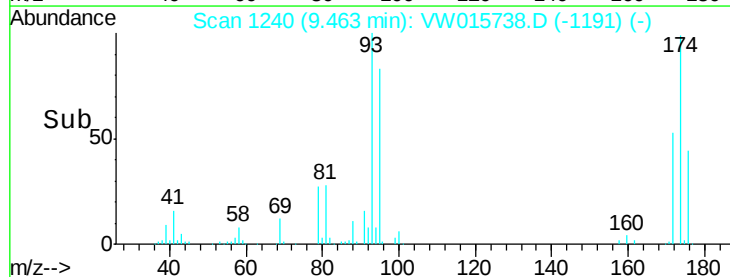
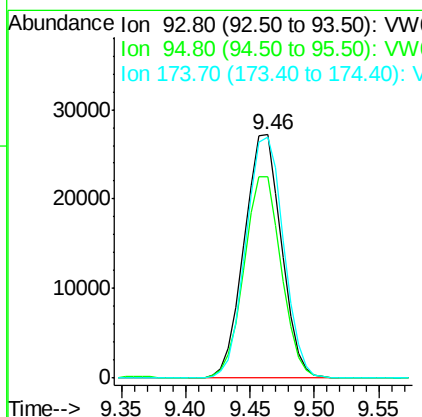
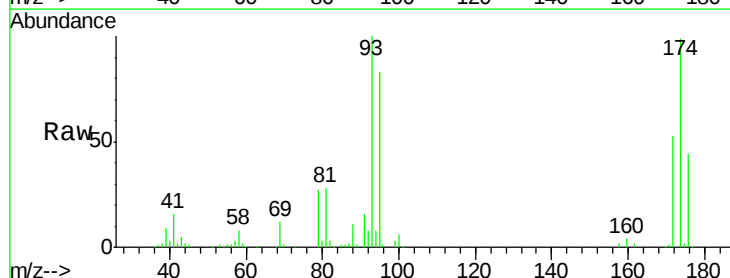
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

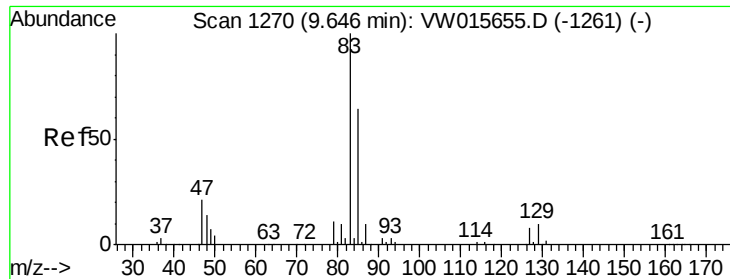
Tot Ion: 63 Resp: 105873
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.3 37.9



#46
 Dibromomethane
 Concen: 50.282 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion: 93 Resp: 54326
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.7 98.5
 174 100.5 79.0 118.6





#47

Bromodichloromethane

Concen: 50.807 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

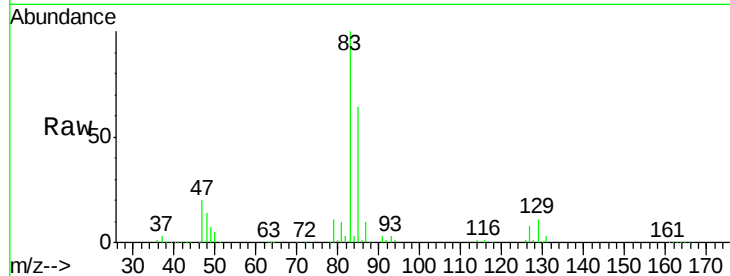
Tot Ion: 83 Resp: 143185

Ion Ratio Lower Upper

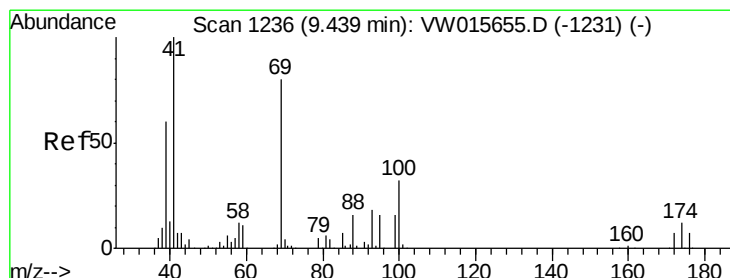
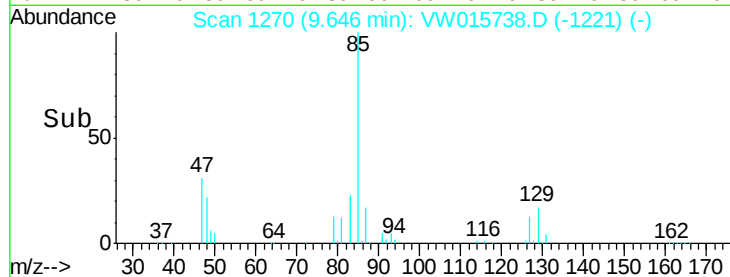
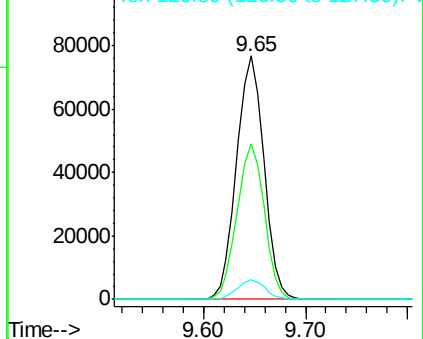
83 100

85 63.5 50.8 76.2

127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.528 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

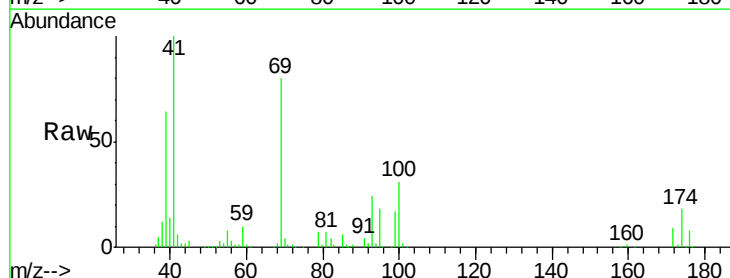
Tgt Ion: 41 Resp: 56398

Ion Ratio Lower Upper

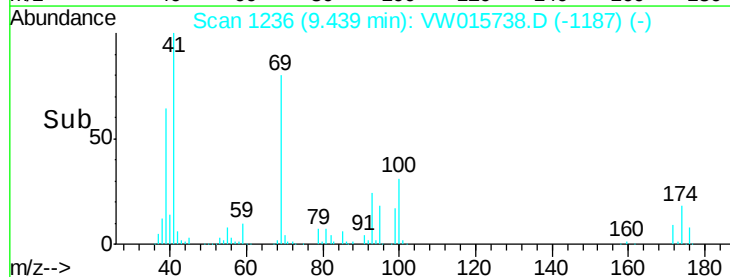
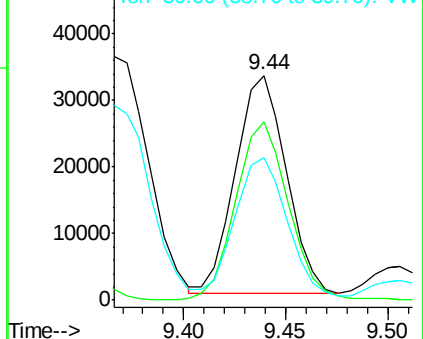
41 100

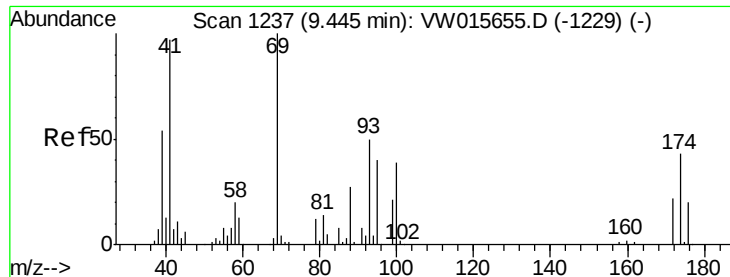
69 86.0 68.2 102.2

39 64.2 49.8 74.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

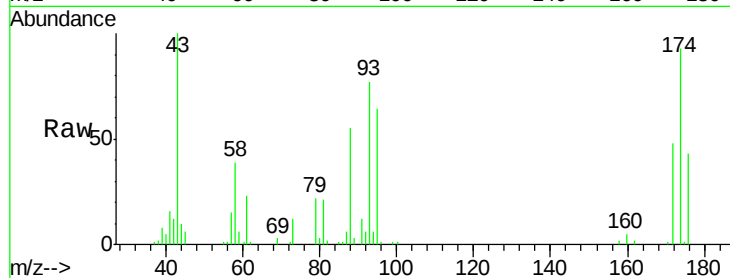




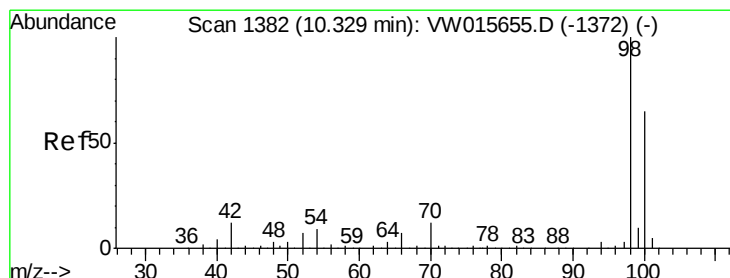
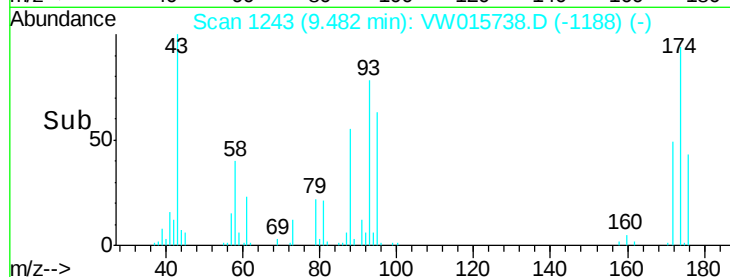
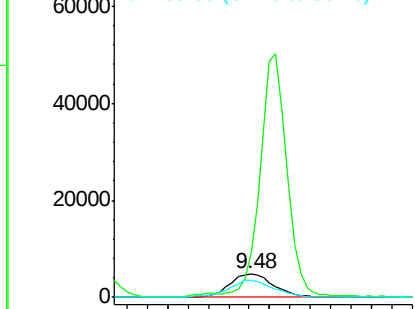
#49
 1,4-Dioxane
 Concen: 1006.183 ug/l
 RT: 9.48 min Scan# 1243
 Delta R.T. 0.04 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 14261
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.1 45.1#
 58 75.3 56.1 84.1

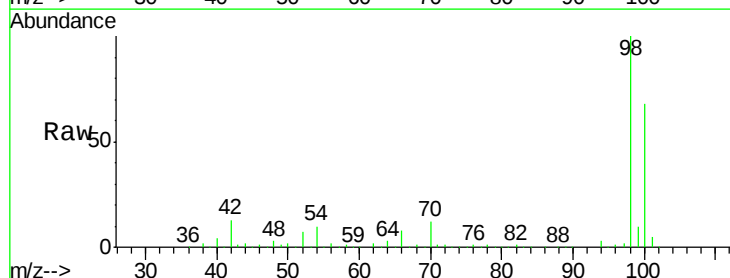


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

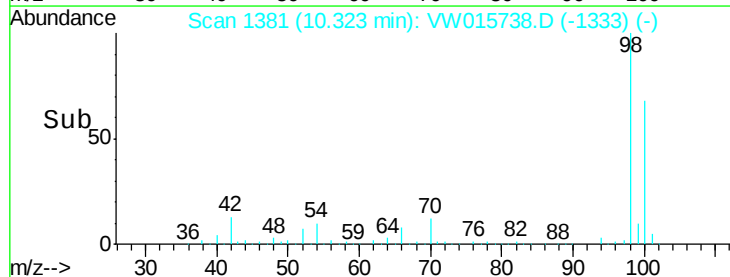
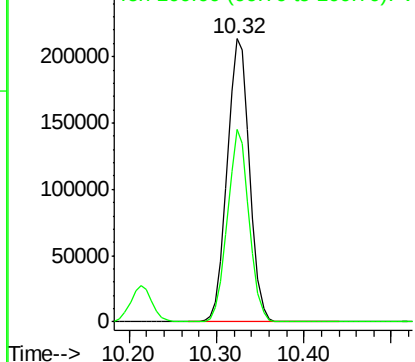


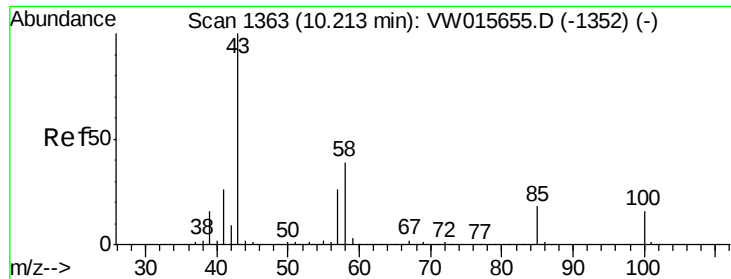
#50
 Toluene-d8
 Concen: 50.338 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion: 98 Resp: 376419
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

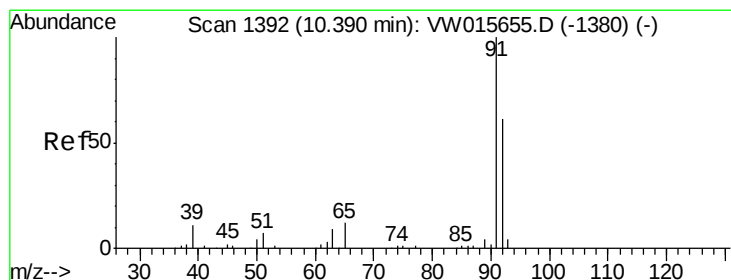
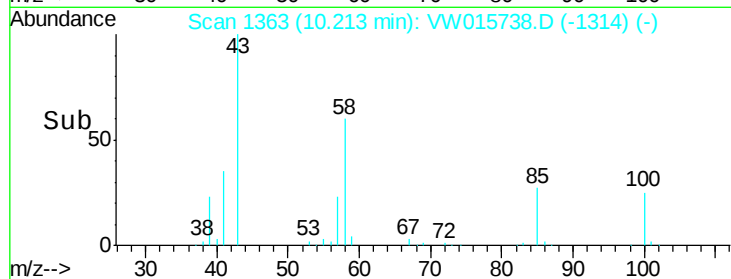
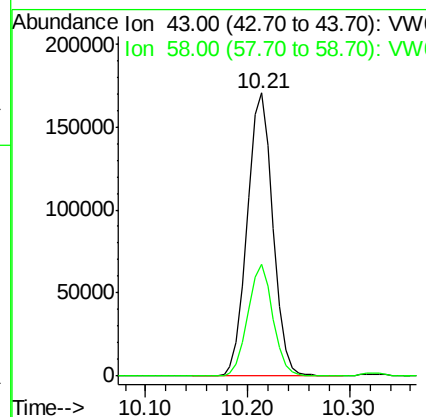
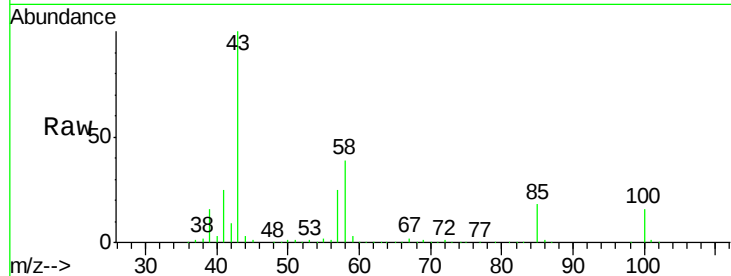




#51
4-Methyl-2-Pentanone
Concen: 257.331 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

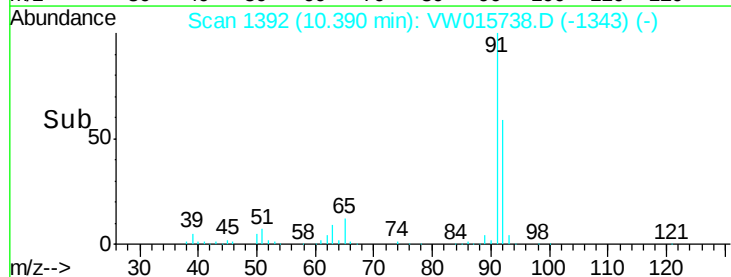
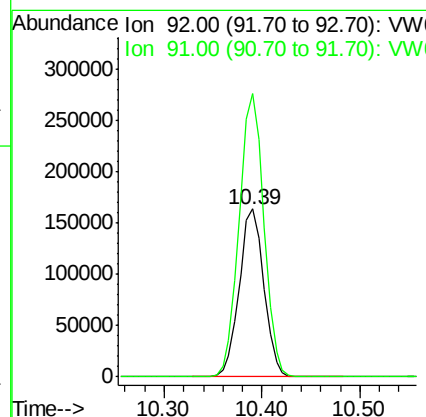
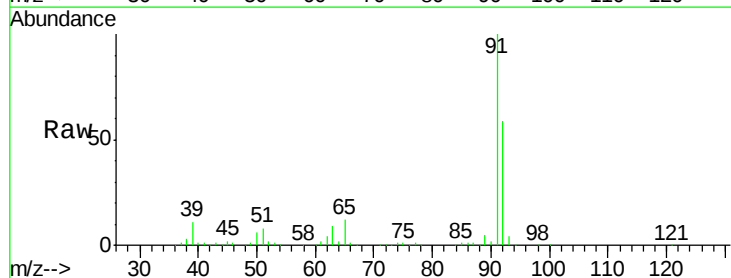
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

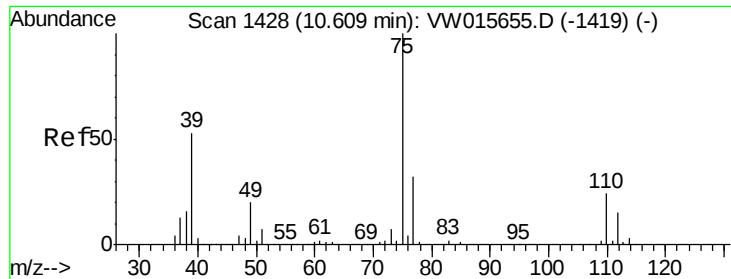
Tot Ion: 43 Resp: 297091
Ion Ratio Lower Upper
43 100
58 38.5 31.2 46.8



#52
Toluene
Concen: 51.974 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 92 Resp: 286706
Ion Ratio Lower Upper
92 100
91 169.7 135.5 203.3

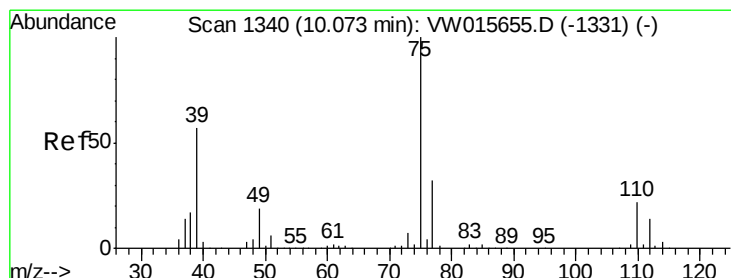
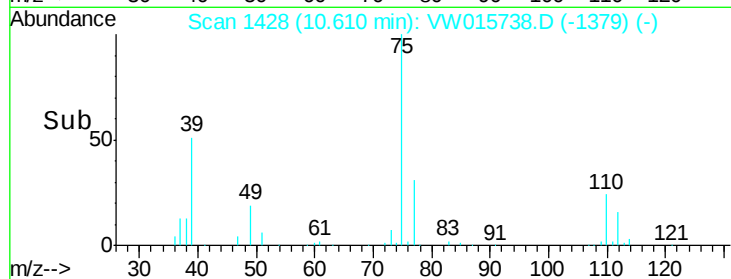
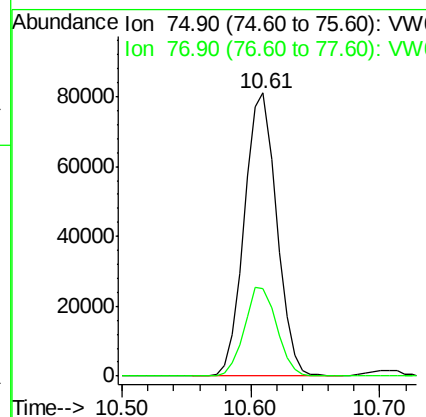
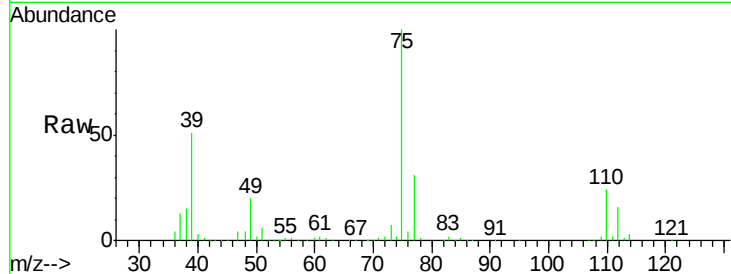




#53
t-1,3-Dichloropropene
Concen: 51.578 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

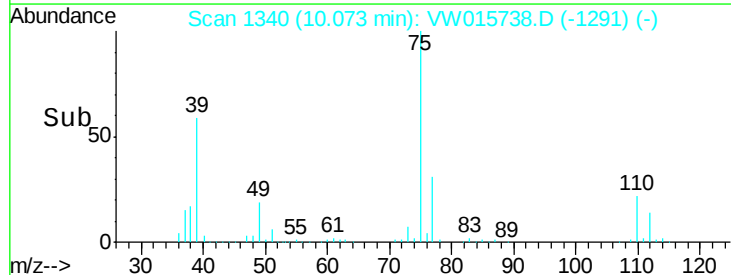
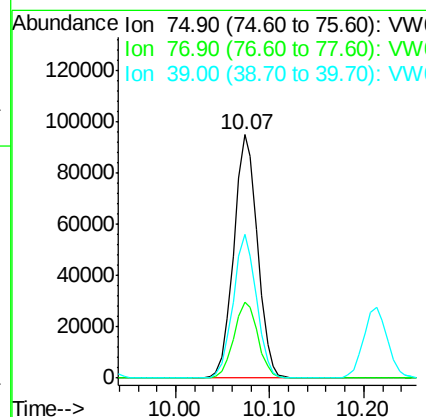
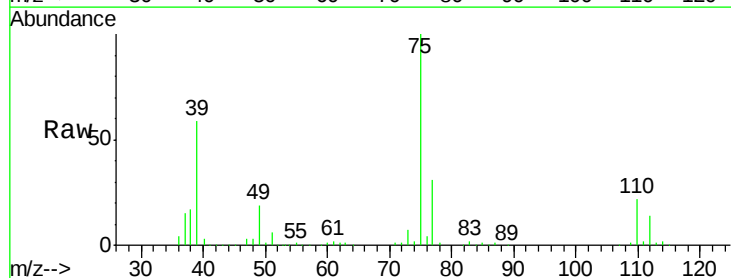
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

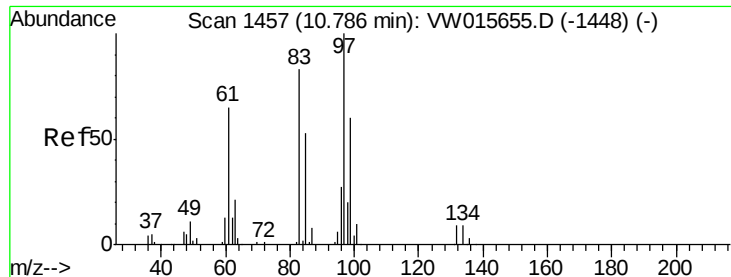
Tot Ion: 75 Resp: 140426
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.877 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 75 Resp: 165475
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 58.9 45.8 68.6

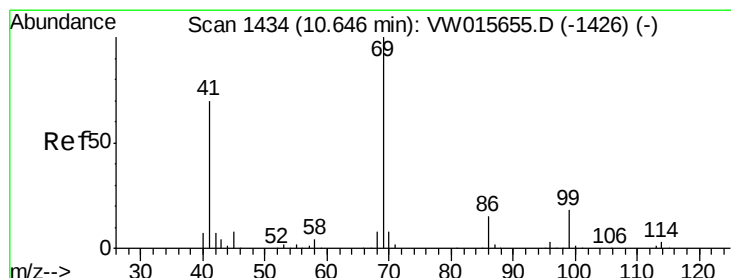
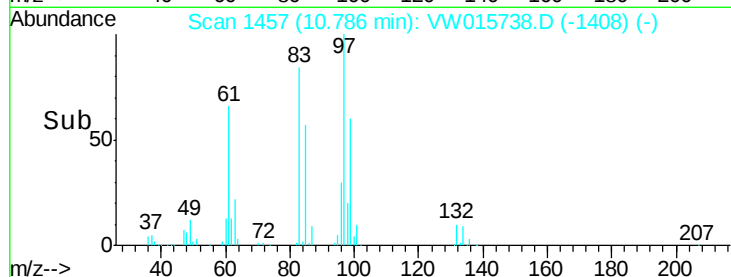
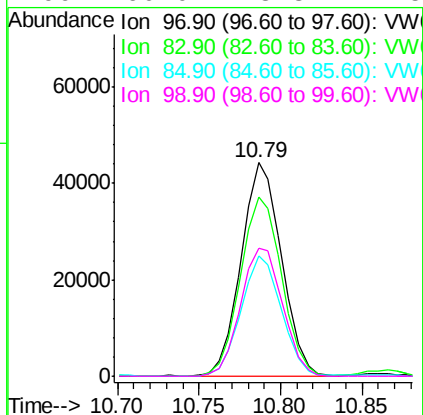
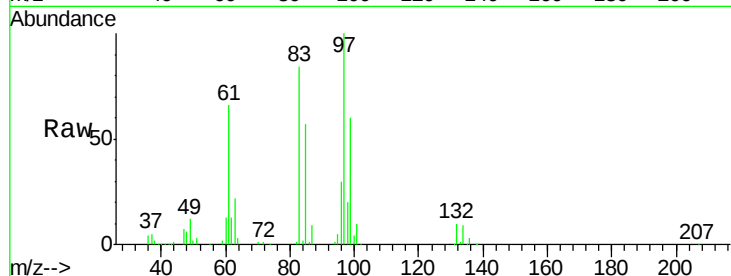




#55
 1,1,2-Trichloroethane
 Concen: 50.946 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

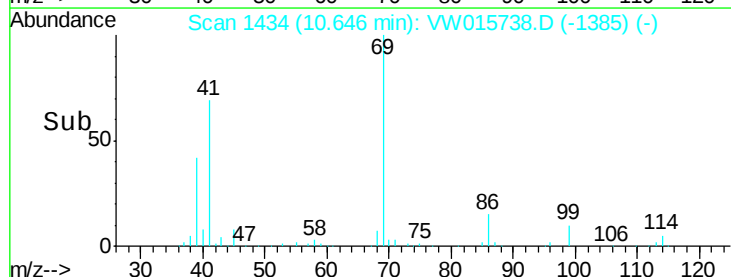
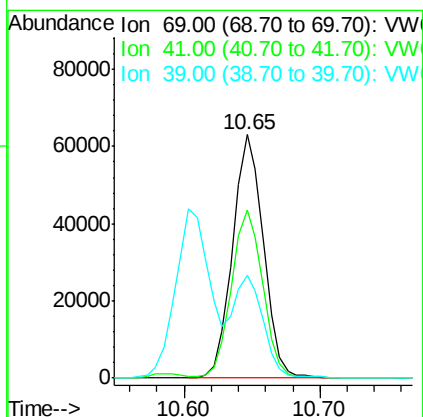
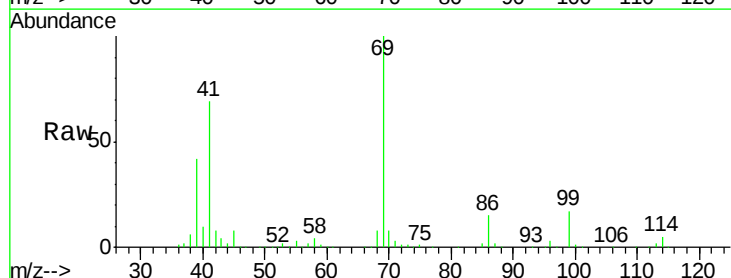
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

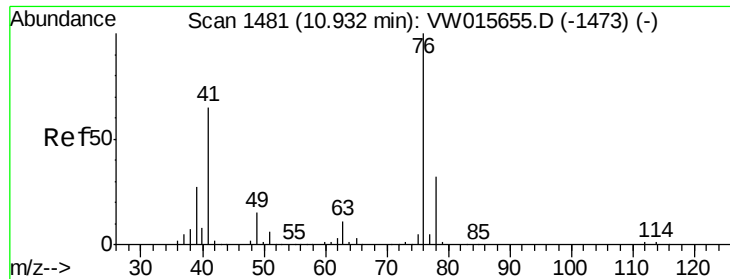
Tot Ion:	97	Resp:	76531
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.3	99.5
85	56.6	42.5	63.7
99	60.0	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 53.296 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion:	69	Resp:	99615
Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.8	83.6
39	41.3	29.5	44.3

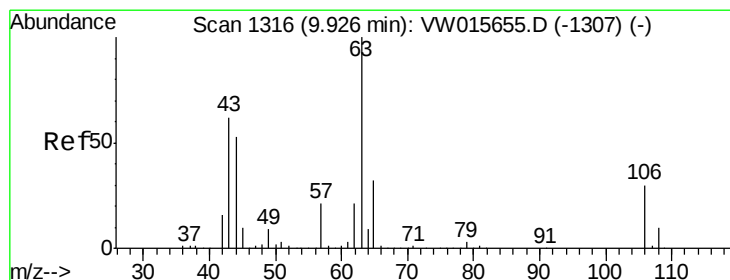
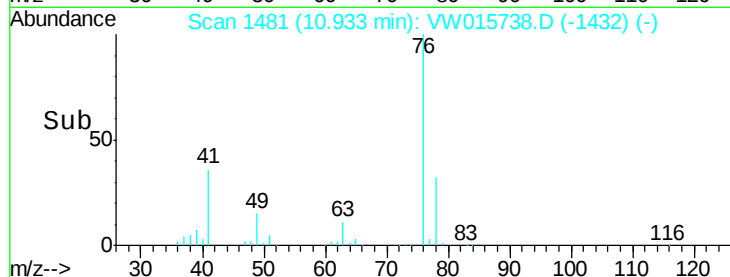
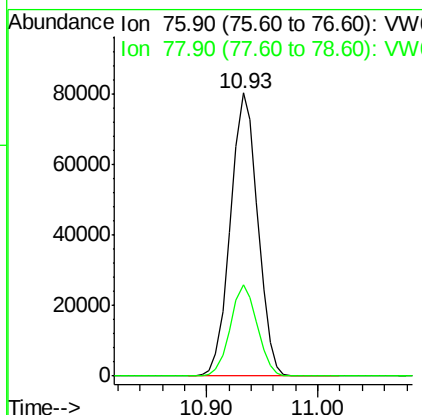
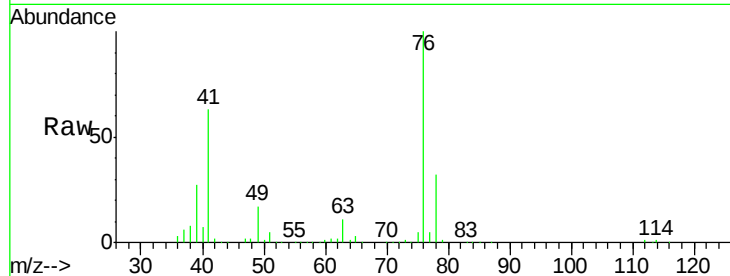




#57
 1,3-Dichloropropane
 Concen: 51.318 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

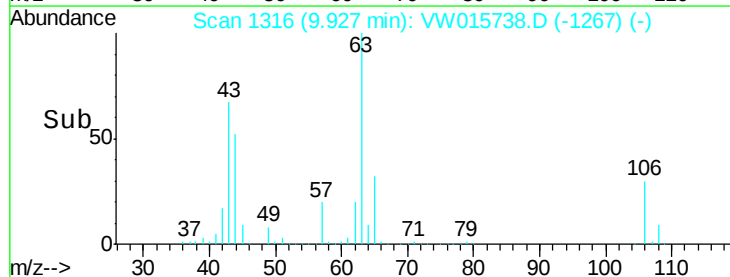
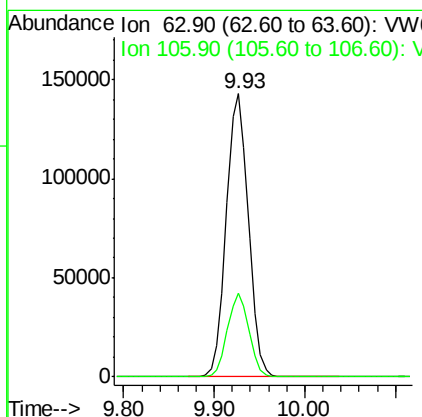
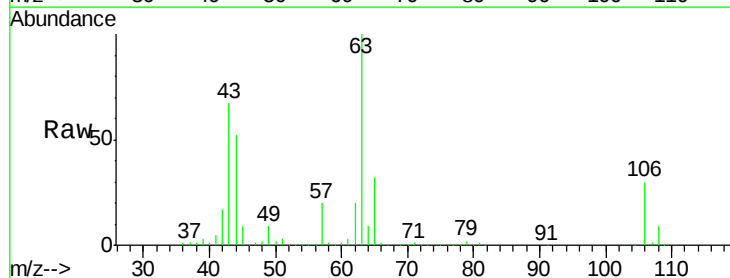
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

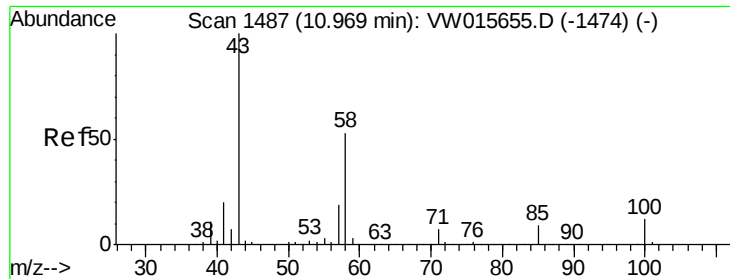
Tot Ion: 76 Resp: 136667
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.221 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion: 63 Resp: 241665
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.3 34.9

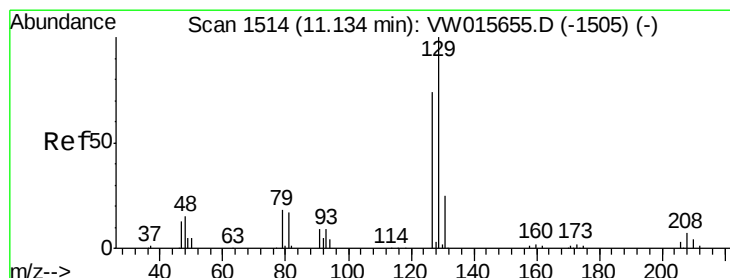
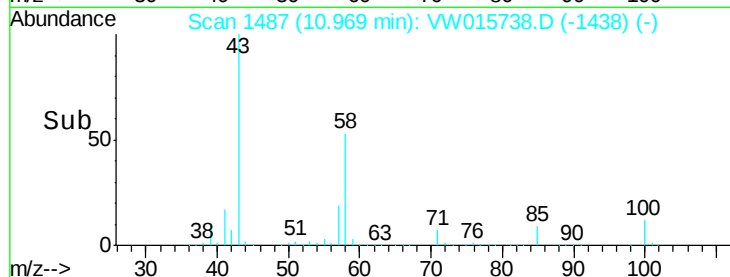
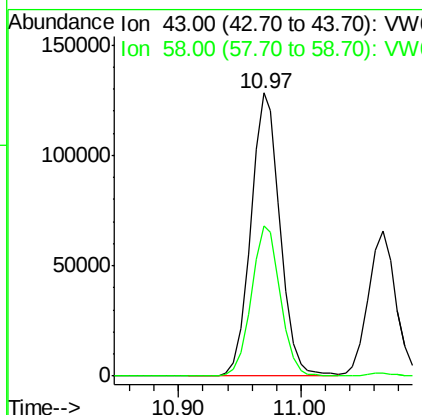
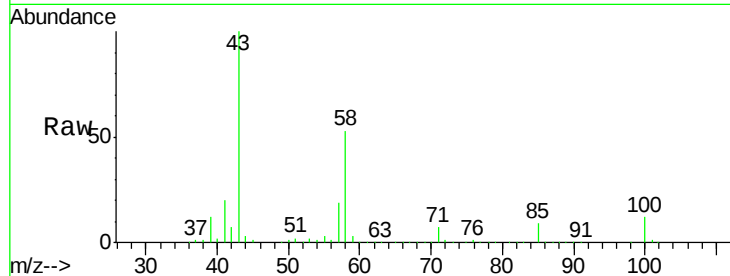




#59
2-Hexanone
Concen: 270.772 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

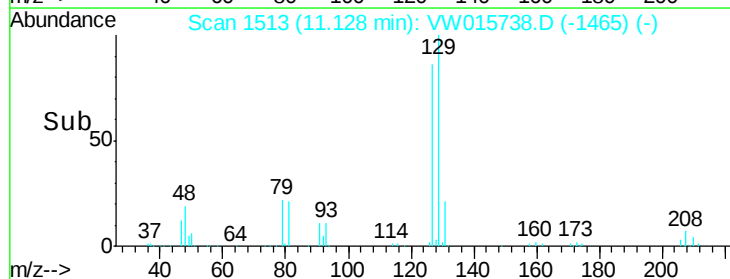
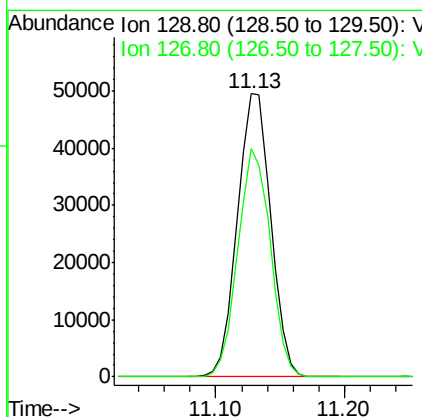
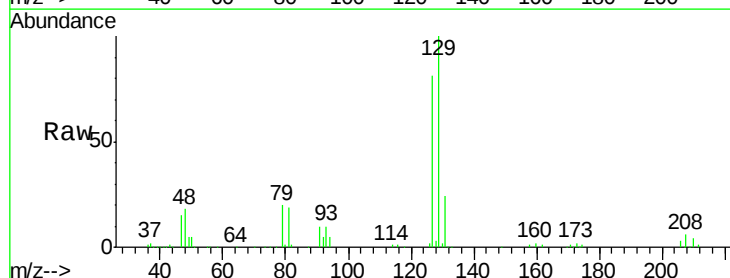
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

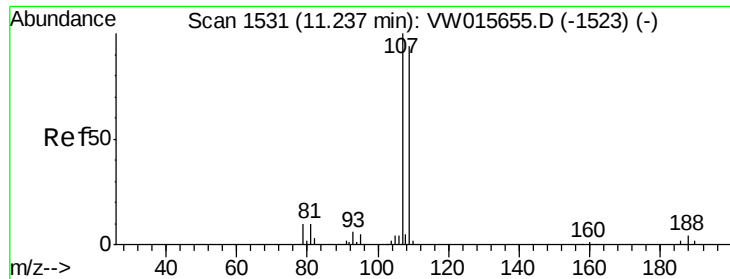
Tot Ion: 43 Resp: 212822
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.4



#60
Dibromochloromethane
Concen: 50.839 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 129 Resp: 88995
Ion Ratio Lower Upper
129 100
127 78.3 38.0 114.1





#61

1,2-Dibromoethane

Concen: 51.136 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

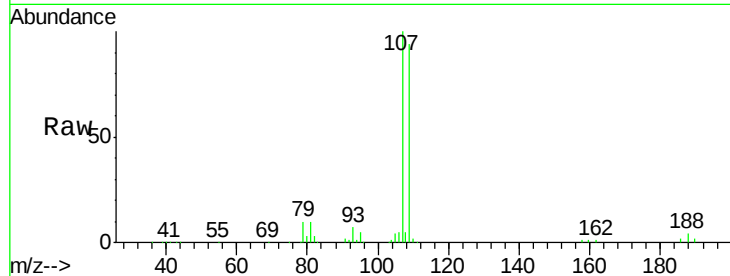
VSTDCCC050

Tot Ion:107 Resp: 73426

Ion Ratio Lower Upper

107 100

109 93.8 74.9 112.3

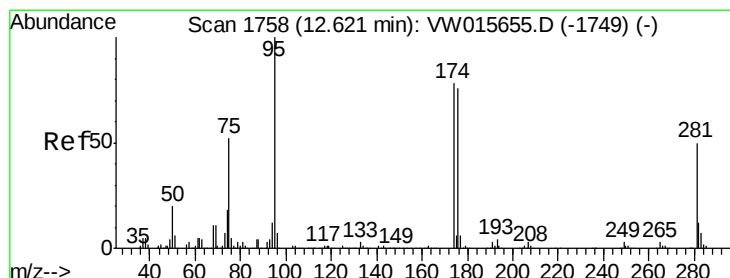
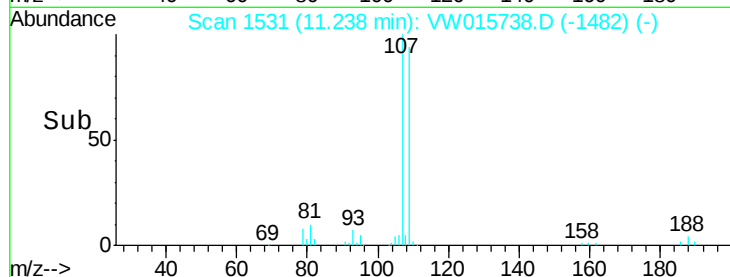


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

Time-->



#62

4-Bromofluorobenzene

Concen: 51.455 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

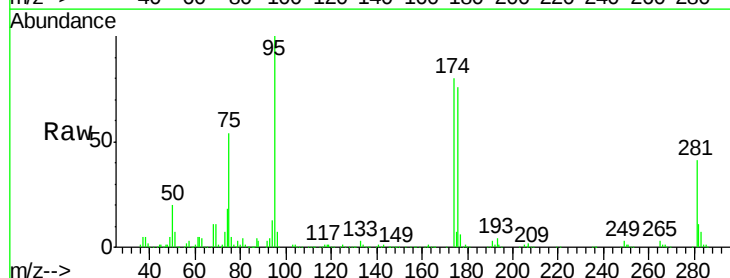
Tgt Ion: 95 Resp: 141702

Ion Ratio Lower Upper

95 100

174 77.6 0.0 157.0

176 75.1 0.0 151.4



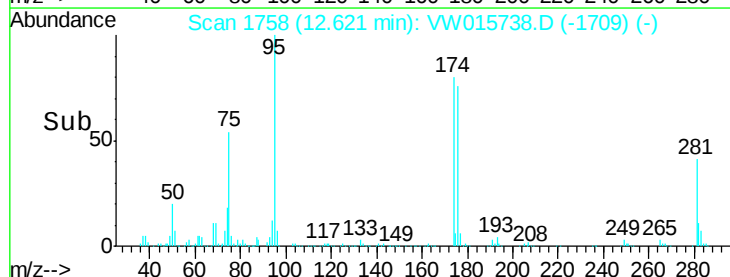
Abundance Ion 94.90 (94.60 to 95.60): VW

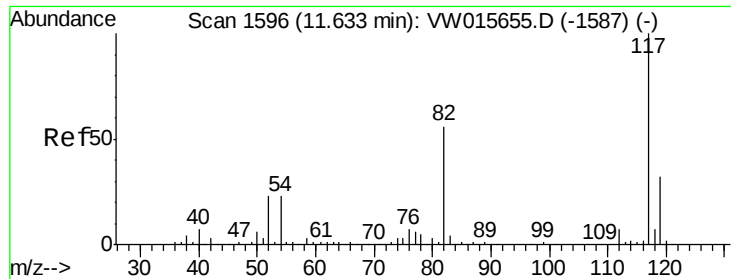
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

Time-->

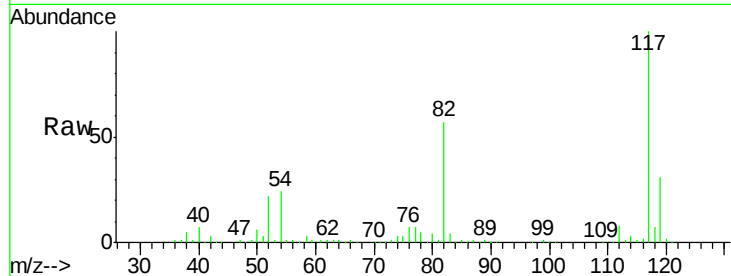




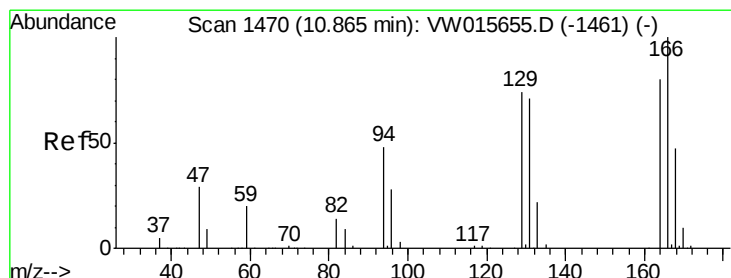
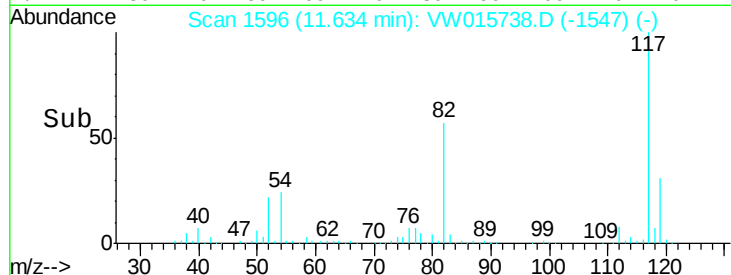
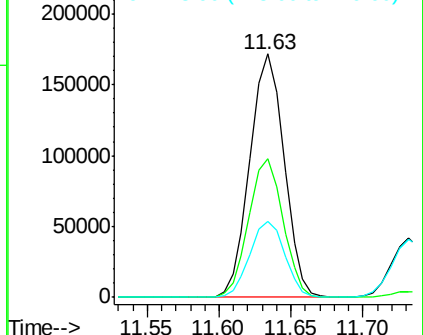
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 284044
Ion Ratio Lower Upper
117 100
82 56.9 45.1 67.7
119 31.1 25.8 38.8

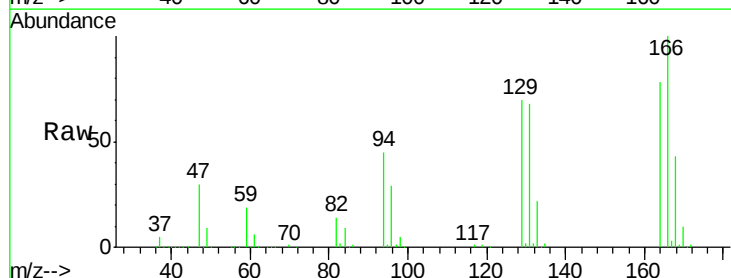


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

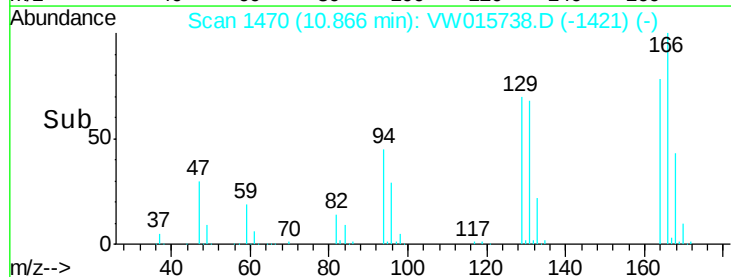
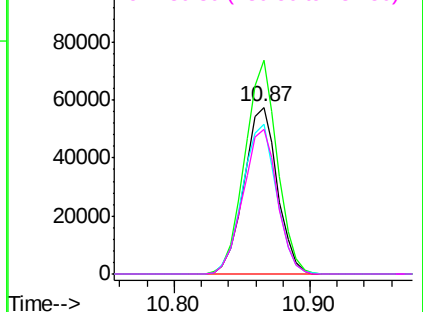


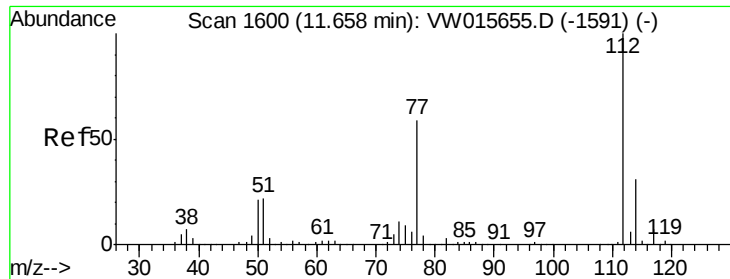
#64
Tetrachloroethene
Concen: 49.297 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion:164 Resp: 98371
Ion Ratio Lower Upper
164 100
166 128.0 99.9 149.9
129 90.0 74.2 111.2
131 86.5 71.4 107.0



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

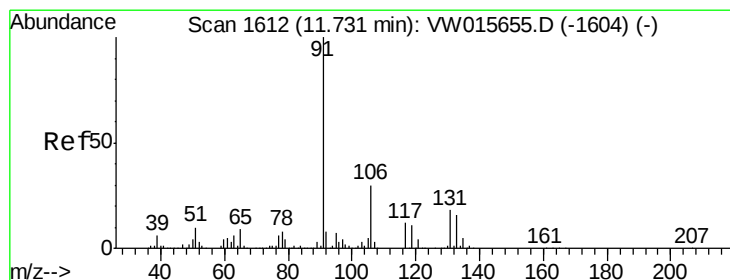
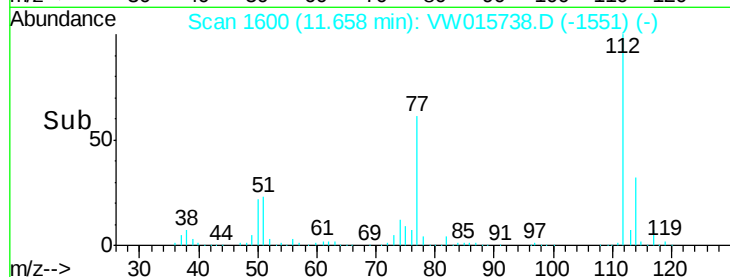
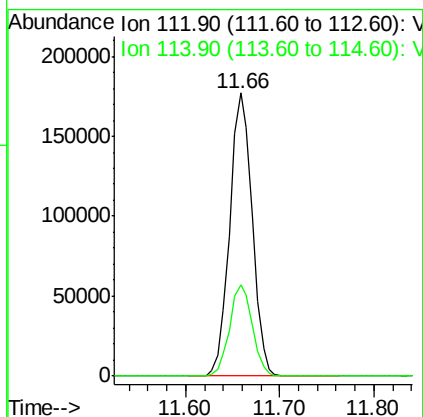
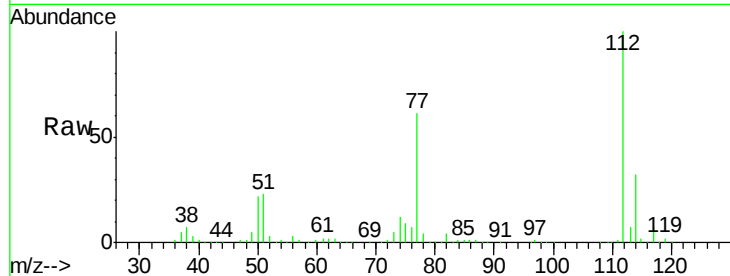




#65
Chlorobenzene
Concen: 48.944 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

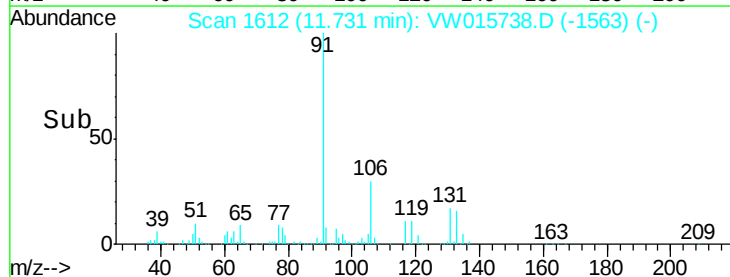
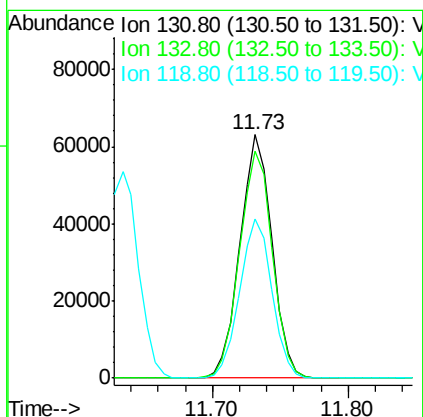
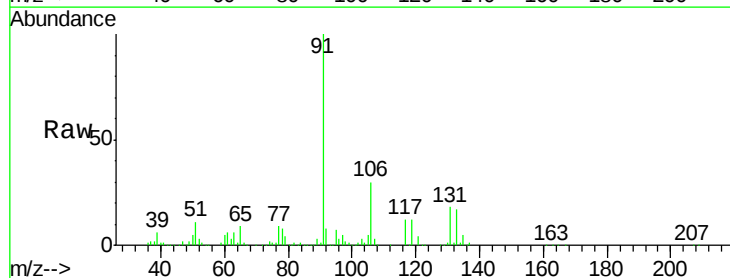
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

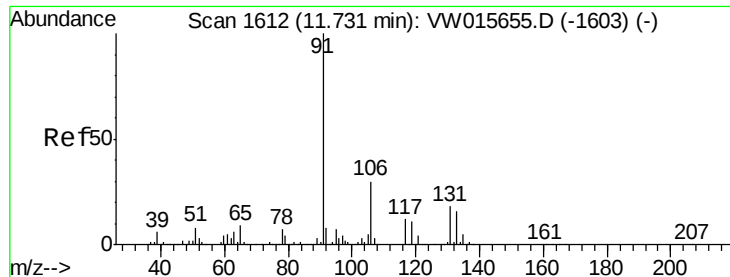
Tot Ion:112 Resp: 293114
Ion Ratio Lower Upper
112 100
114 32.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.398 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion:131 Resp: 103726
Ion Ratio Lower Upper
131 100
133 95.8 46.5 139.5
119 66.1 32.5 97.5

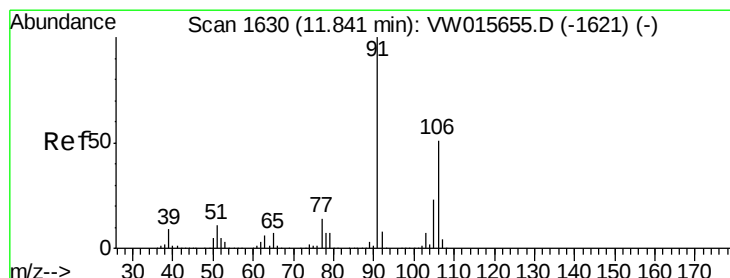
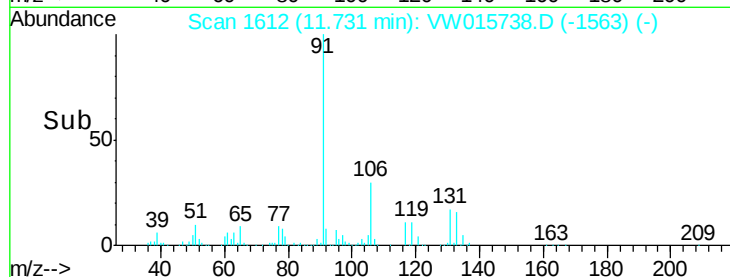
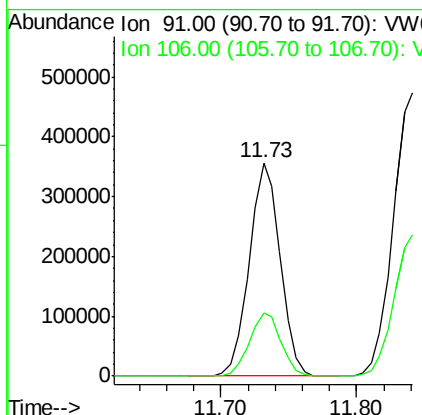
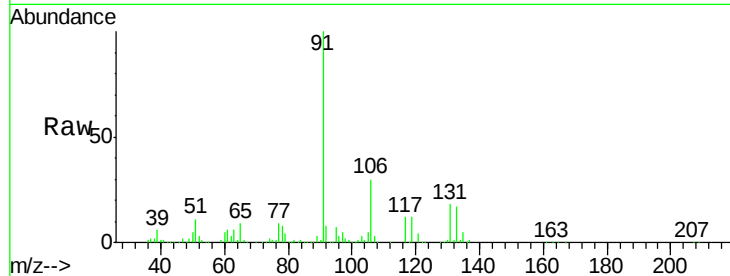




#67
Ethyl Benzene
Concen: 50.812 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

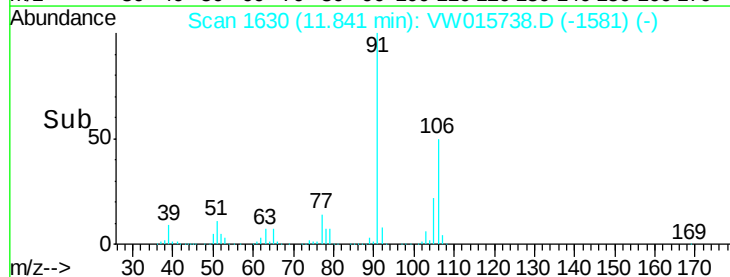
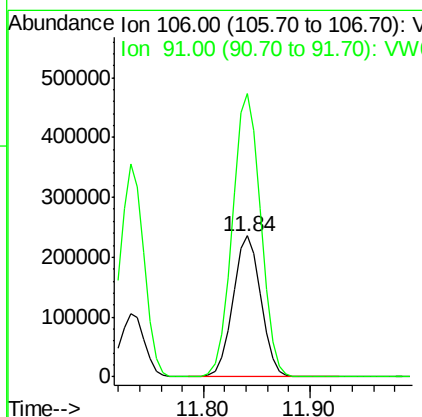
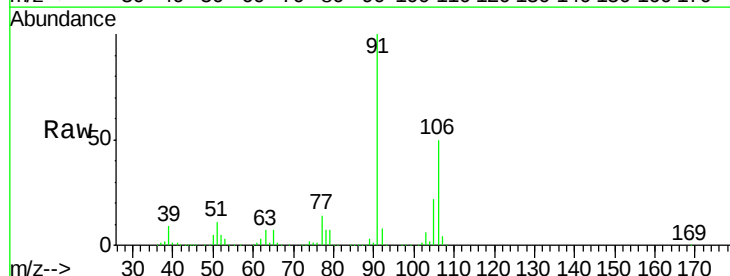
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

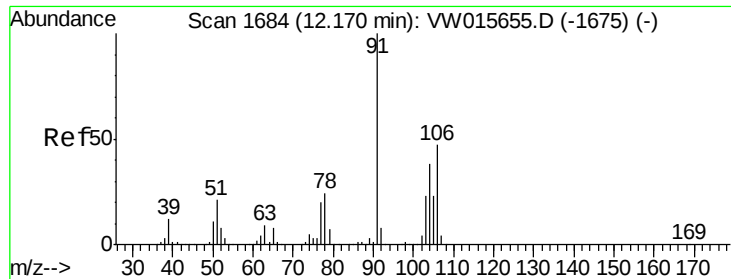
Tot Ion: 91 Resp: 566327
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



#68
m/p-Xylenes
Concen: 103.321 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion: 106 Resp: 432412
Ion Ratio Lower Upper
106 100
91 203.9 162.6 244.0

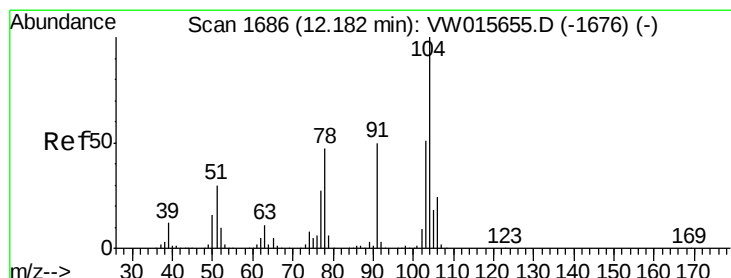
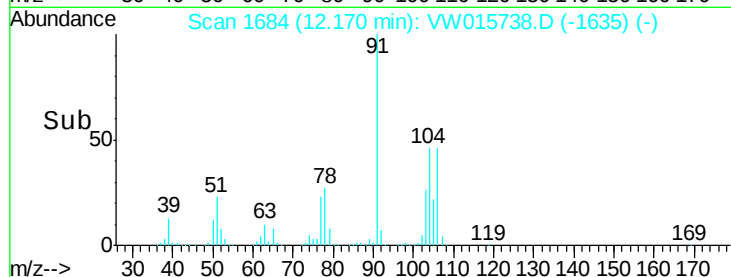
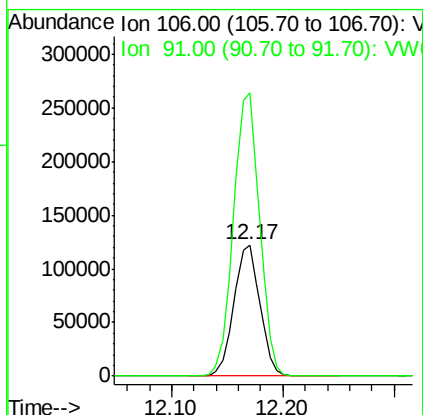
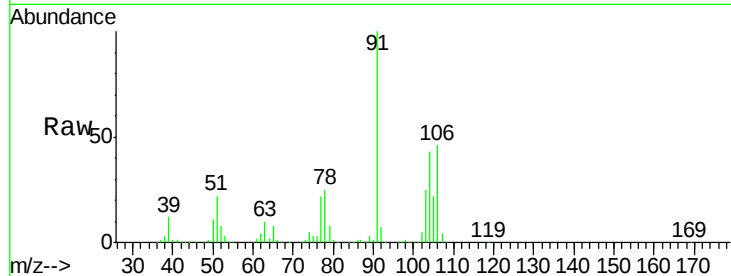




#69
o-Xylene
Concen: 51.239 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

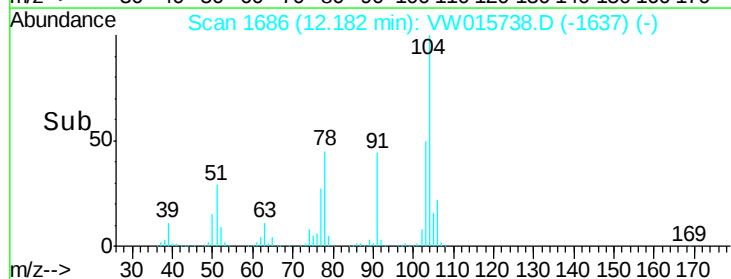
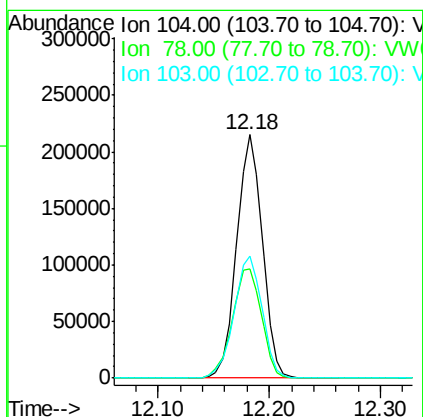
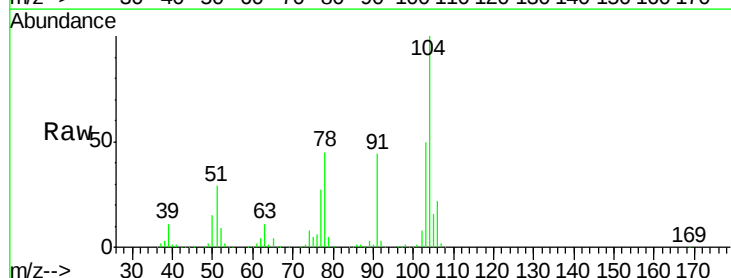
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

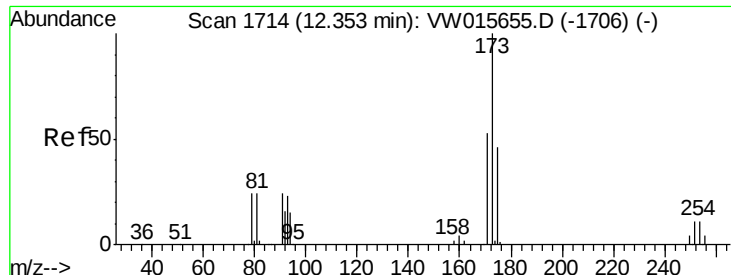
Tot Ion:106 Resp: 197170
Ion Ratio Lower Upper
106 100
91 217.2 108.3 324.9



#70
Styrene
Concen: 52.243 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion:104 Resp: 343472
Ion Ratio Lower Upper
104 100
78 50.9 40.9 61.3
103 54.7 43.1 64.7

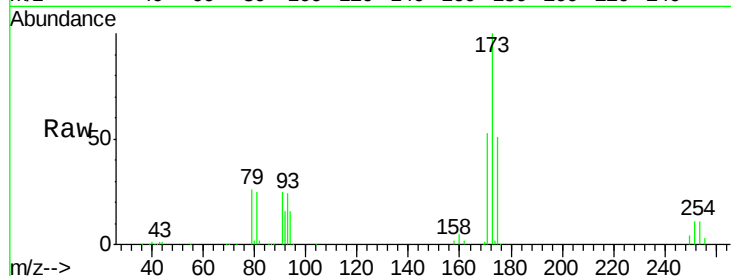




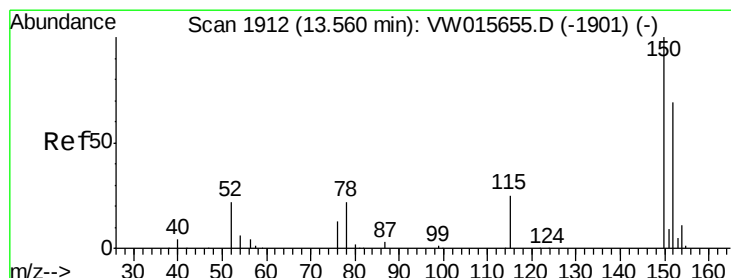
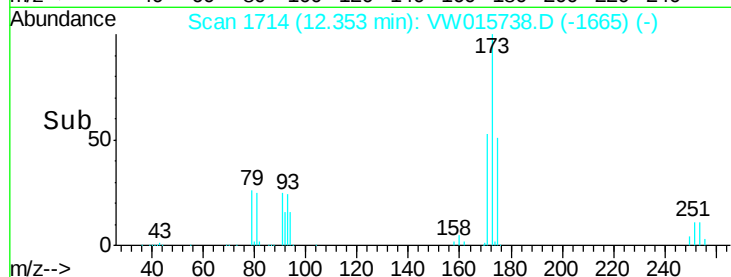
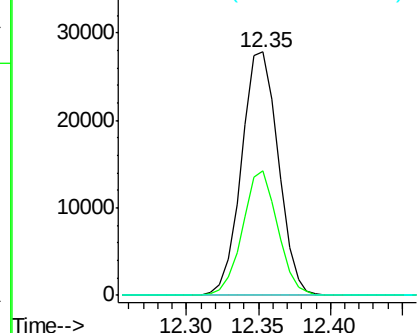
#71
Bromoform
Concen: 50.897 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 49174
Ion Ratio Lower Upper
173 100
175 48.7 23.5 70.6
254 0.0 0.1 0.1#

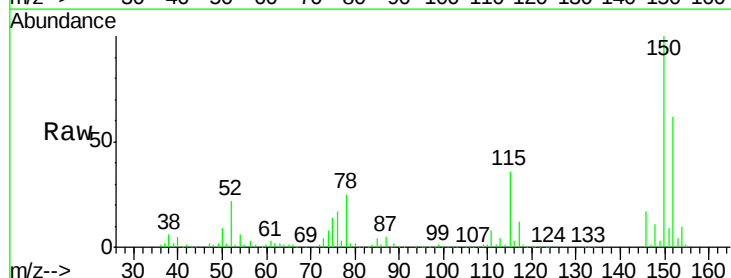


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

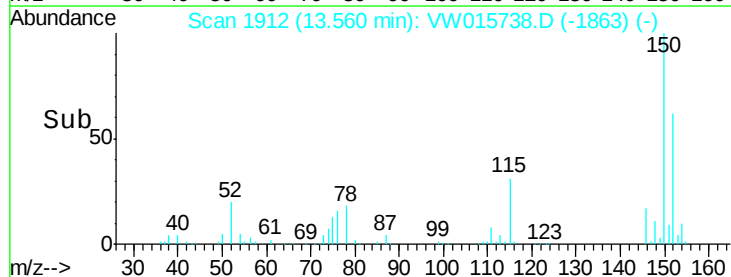
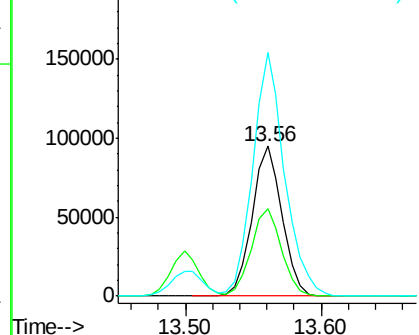


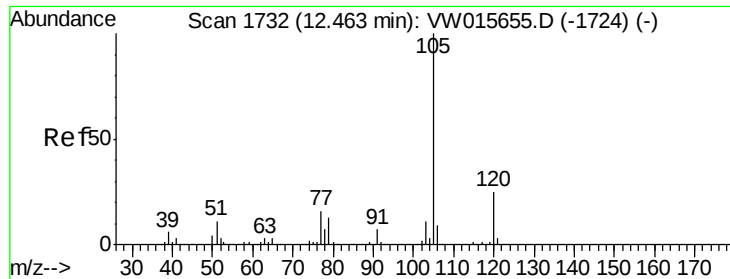
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion:152 Resp: 145576
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.5
150 173.9 0.0 345.6



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: 50.653 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

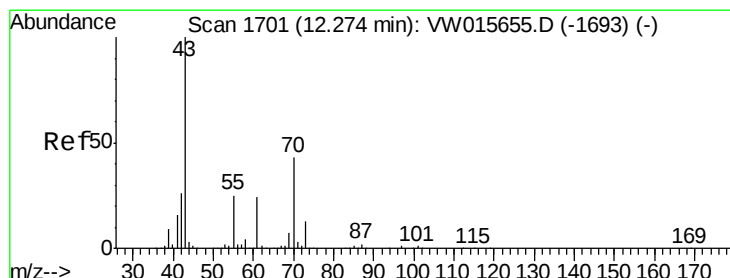
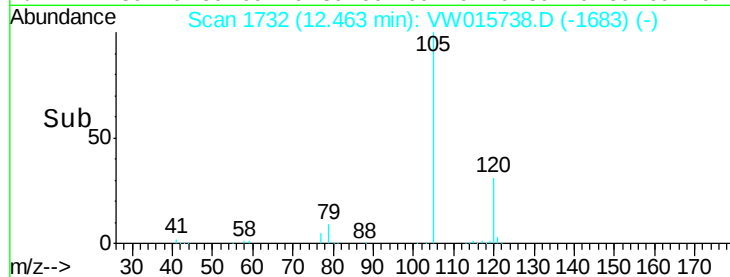
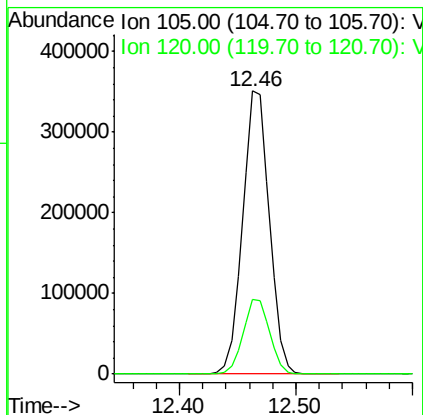
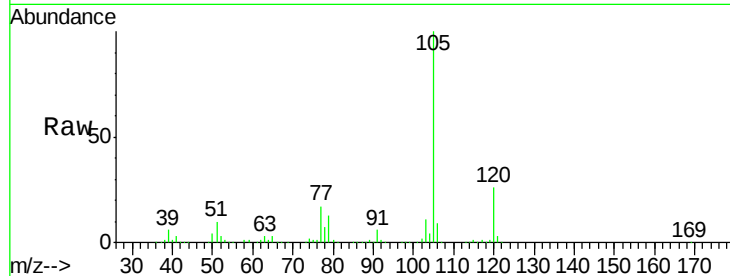
VSTDCCC050

Tot Ion:105 Resp: 562512

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.7



#74

N-ethyl acetate

Concen: 50.736 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Tgt Ion: 43 Resp: 119440

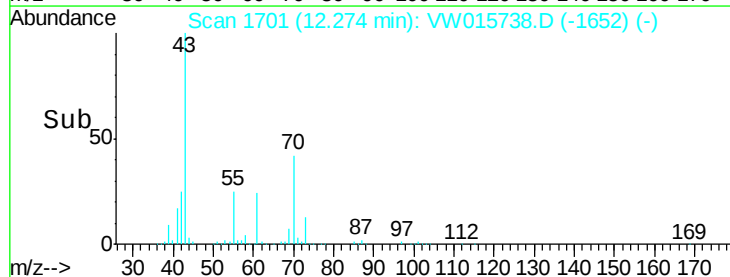
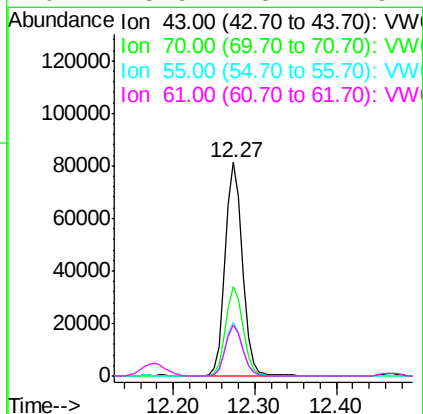
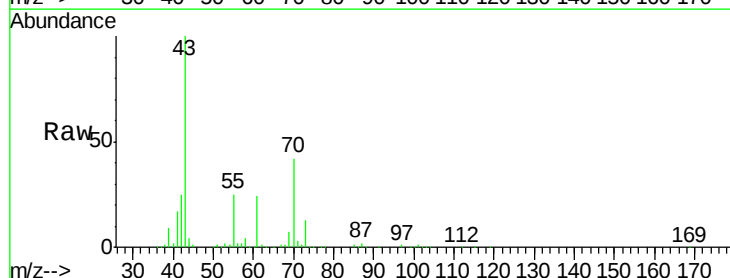
Ion Ratio Lower Upper

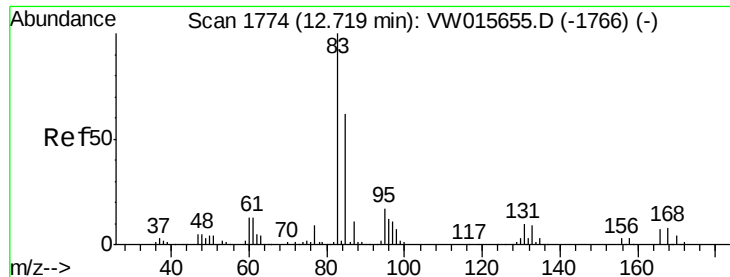
43 100

70 41.9 33.6 50.4

55 25.1 19.7 29.5

61 23.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.233 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

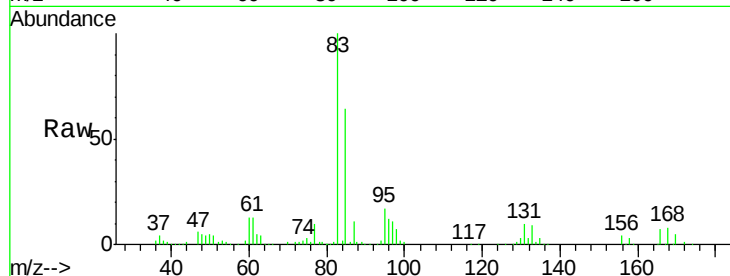
Tot Ion: 83 Resp: 87467

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

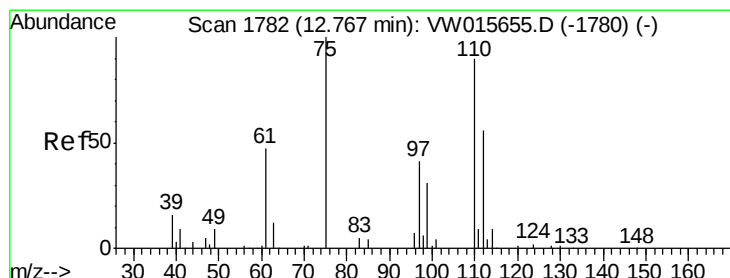
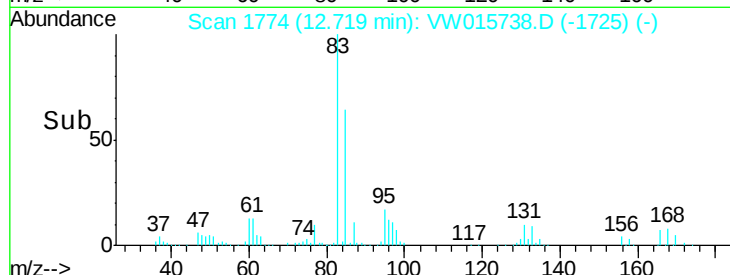
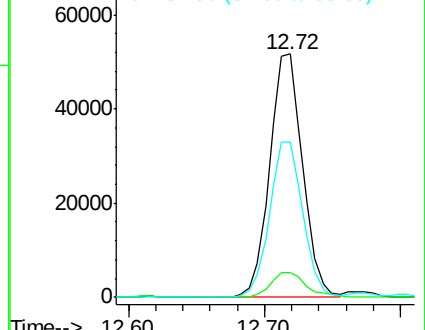
85 64.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 87.898 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015738.D

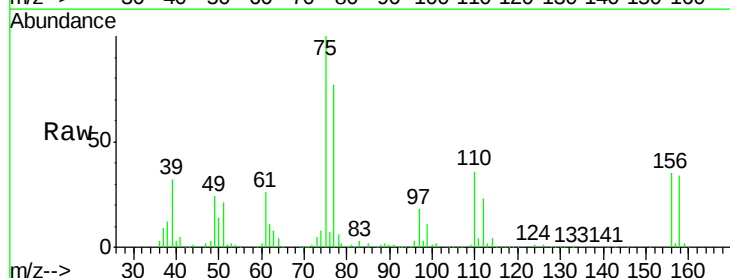
Acq: 26 Jun 2020 09:56

Tgt Ion: 75 Resp: 116717

Ion Ratio Lower Upper

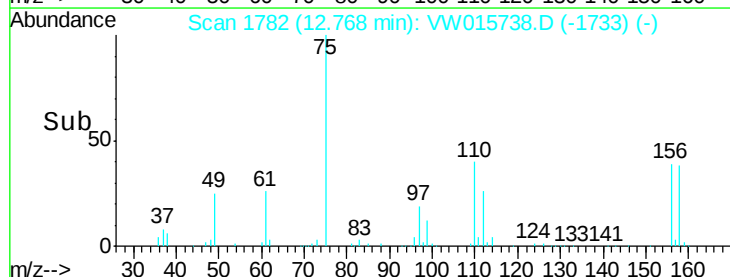
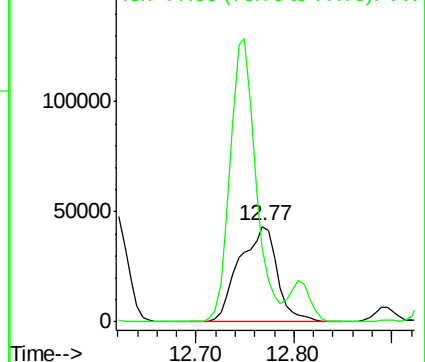
75 100

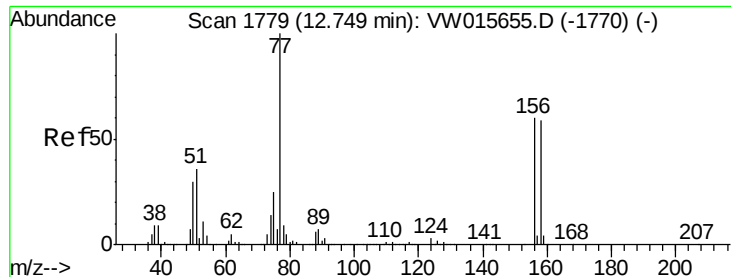
77 201.8 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.719 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

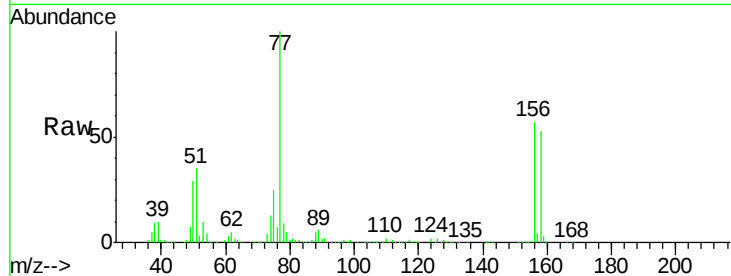
Tot Ion:156 Resp: 120640

Ion Ratio Lower Upper

156 100

77 195.3 94.5 283.5

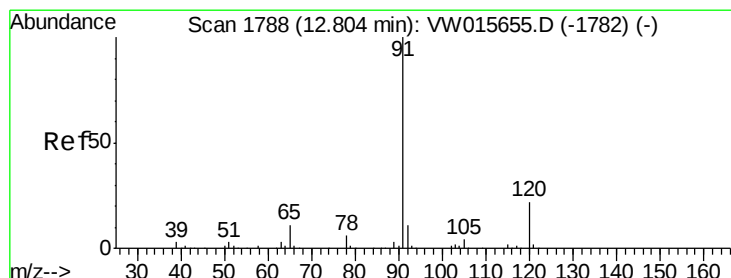
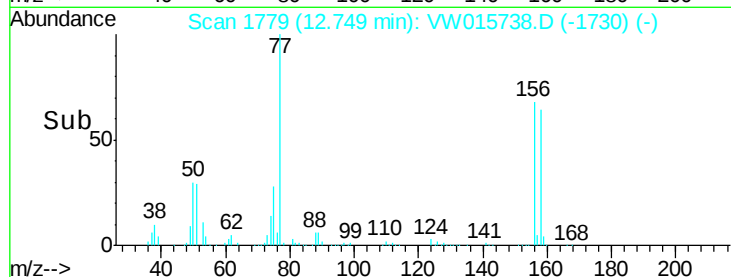
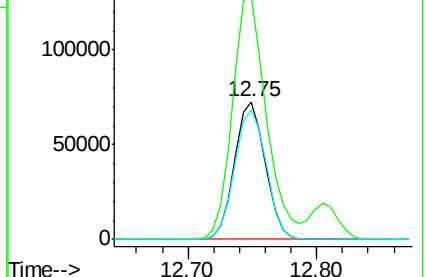
158 96.3 47.9 143.6



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: 51.169 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015738.D

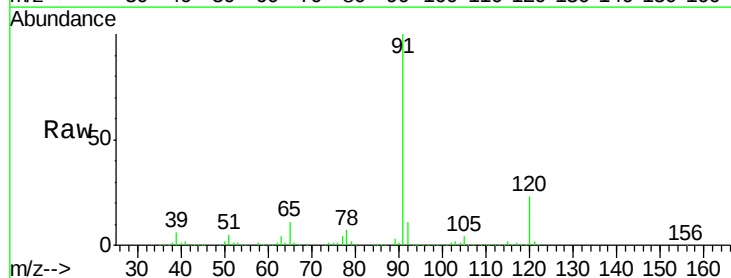
Acq: 26 Jun 2020 09:56

Tgt Ion: 91 Resp: 683976

Ion Ratio Lower Upper

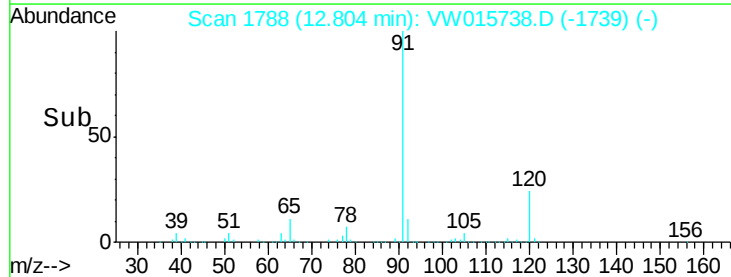
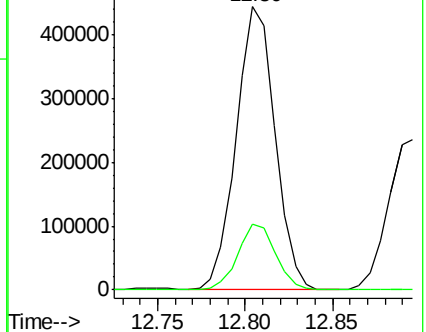
91 100

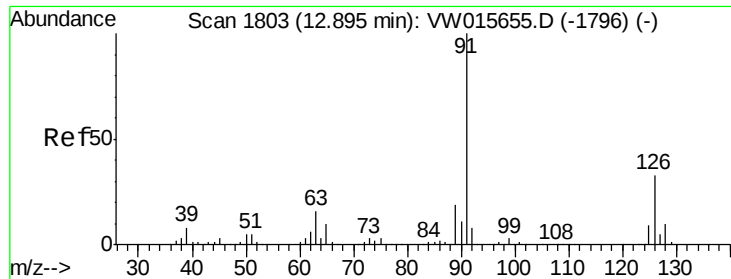
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

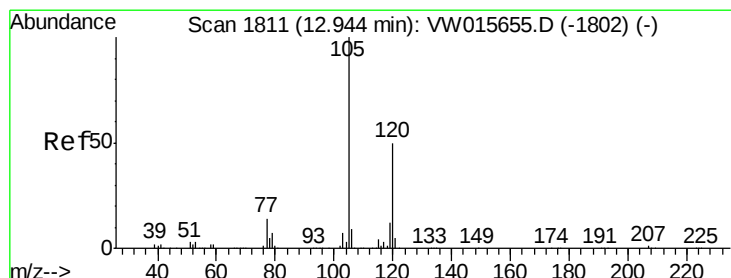
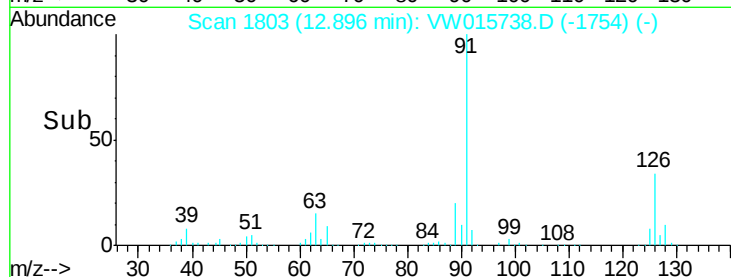
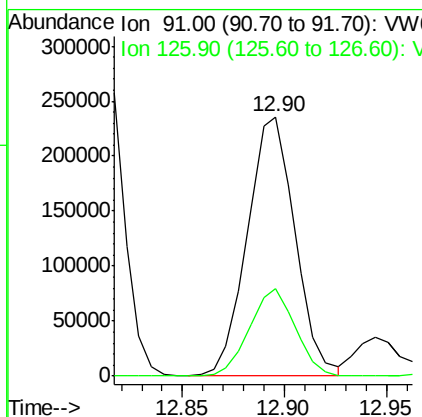
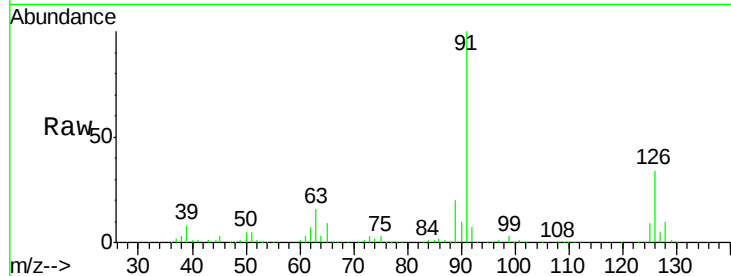




#79
 2-Chlorotoluene
 Concen: 51.048 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

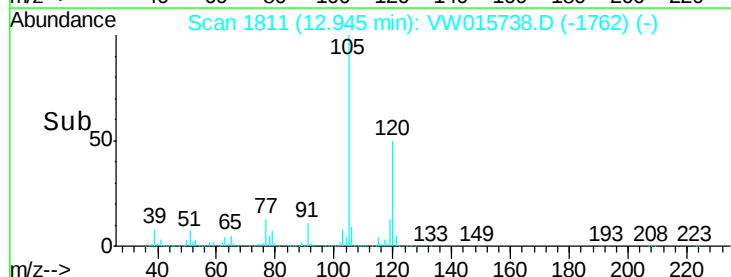
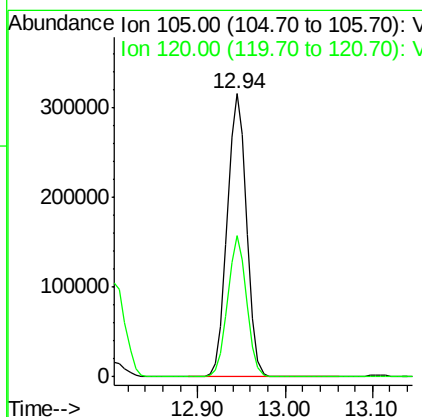
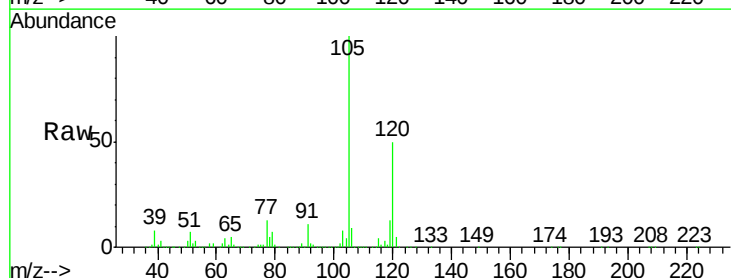
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

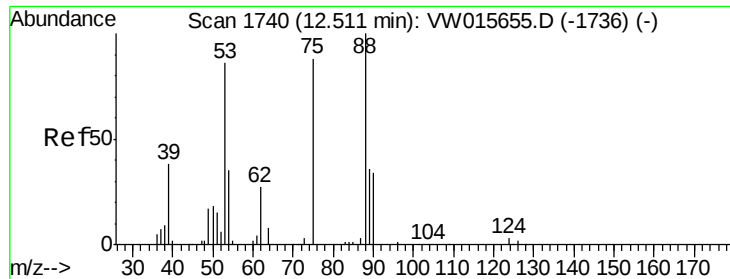
Tot Ion: 91 Resp: 384212
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.432 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion: 105 Resp: 483964
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.730 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

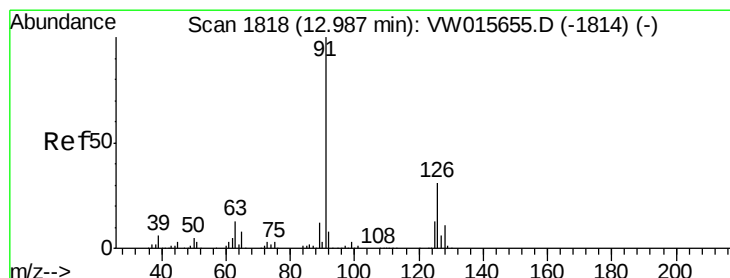
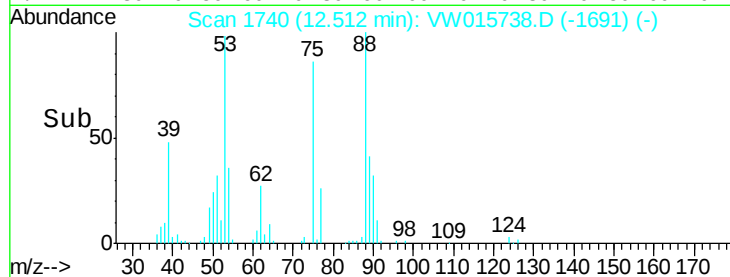
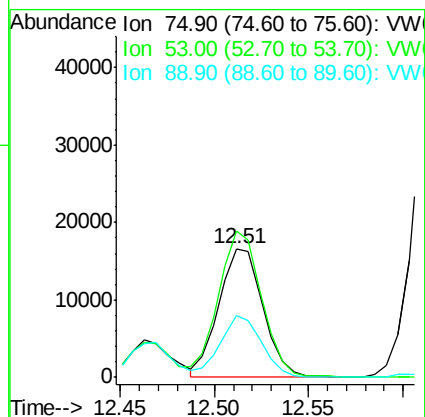
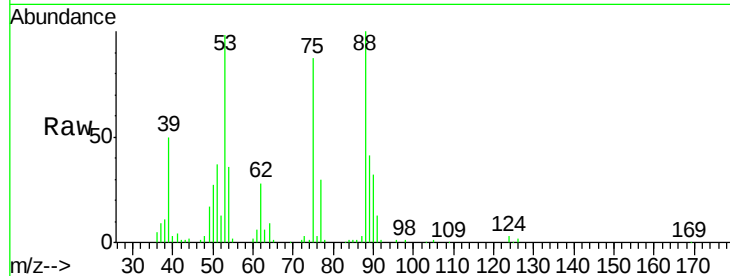
Tot Ion: 75 Resp: 26731

Ion Ratio Lower Upper

75 100

53 114.2 83.8 125.8

89 45.8 36.6 55.0



#82

4-Chlorotoluene

Concen: 50.181 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015738.D

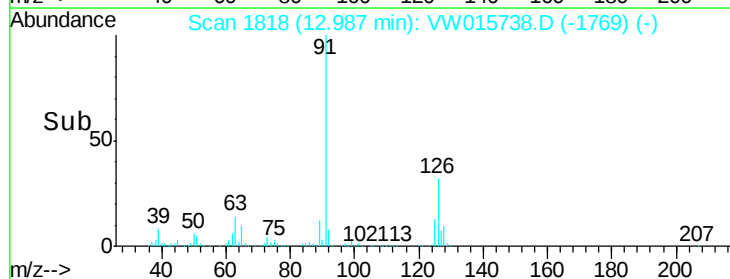
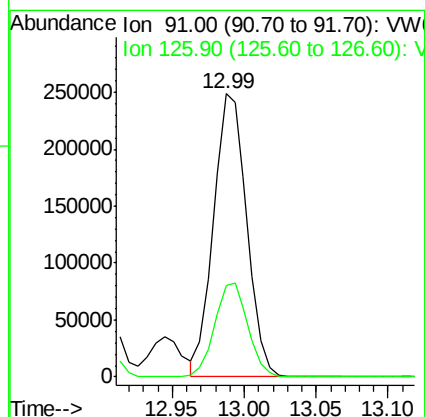
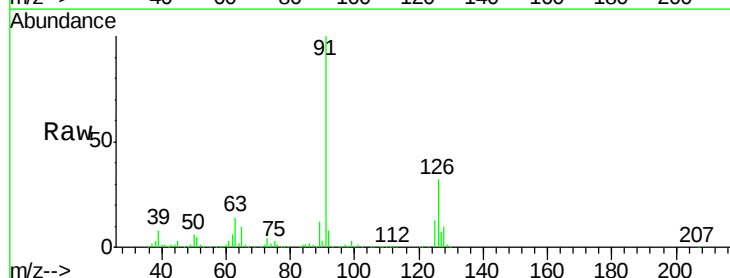
Acq: 26 Jun 2020 09:56

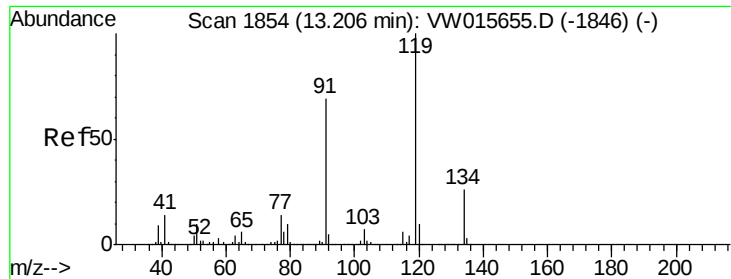
Tgt Ion: 91 Resp: 399568

Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.9

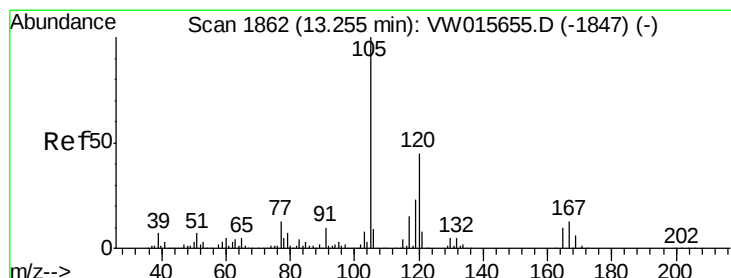
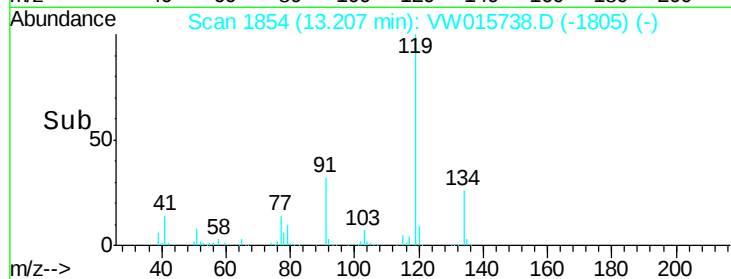
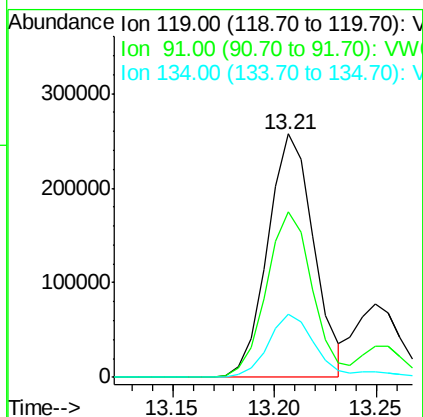
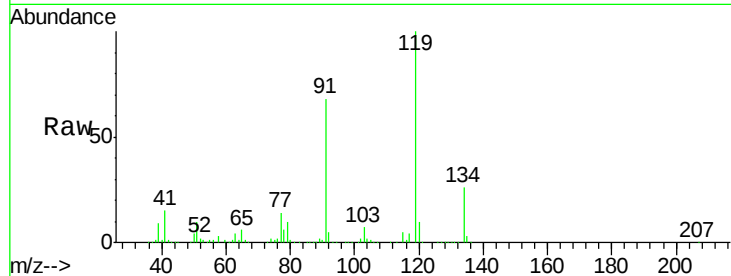




#83
 tert-Butylbenzene
 Concen: 50.998 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

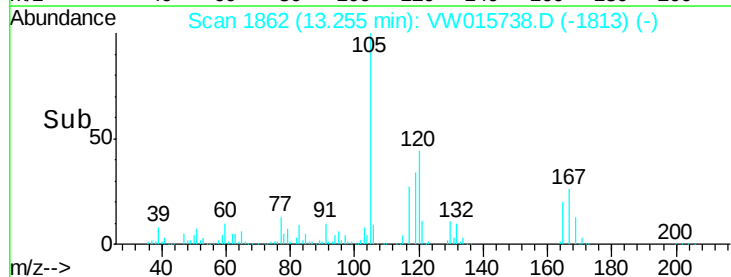
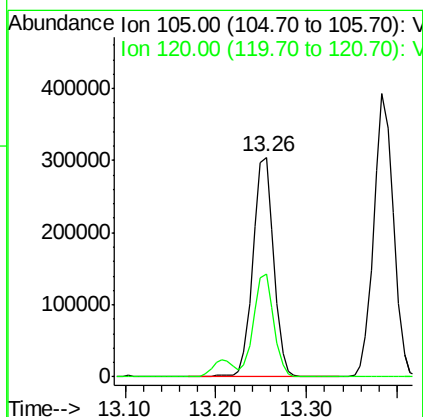
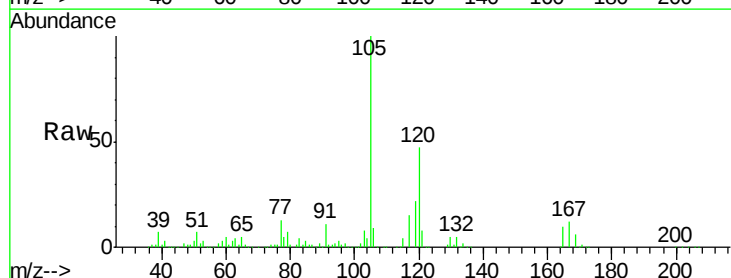
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

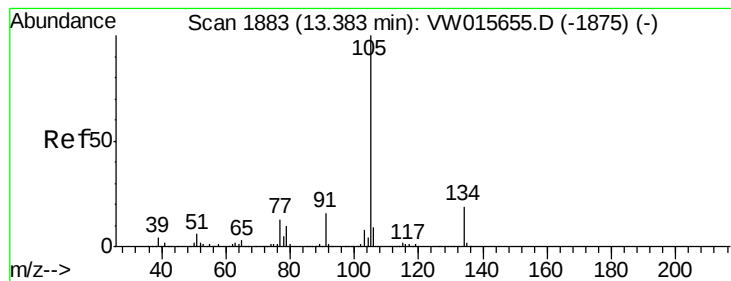
Tot Ion:119 Resp: 405461
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.7 104.1
 134 25.5 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.198 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion:105 Resp: 480447
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 52.049 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

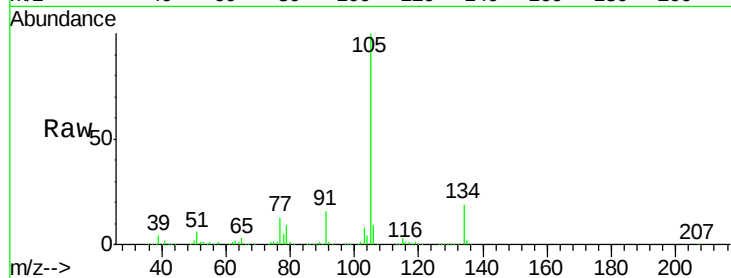
VSTDCCC050

Tot Ion:105 Resp: 591423

Ion Ratio Lower Upper

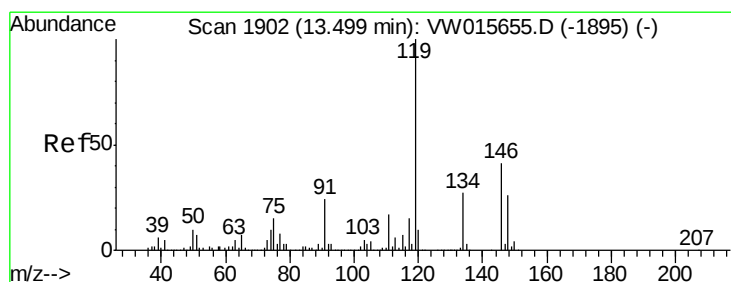
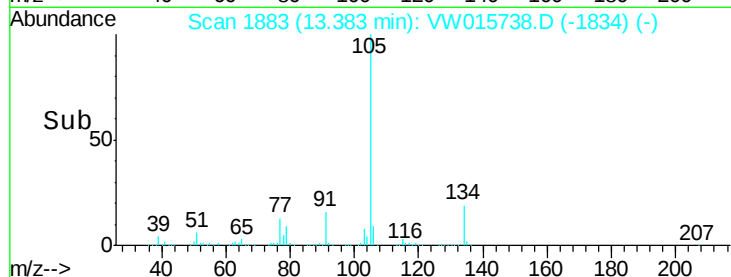
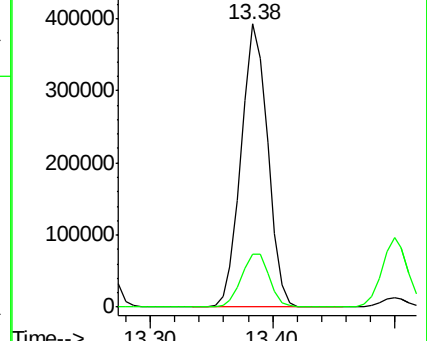
105 100

134 19.7 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.724 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

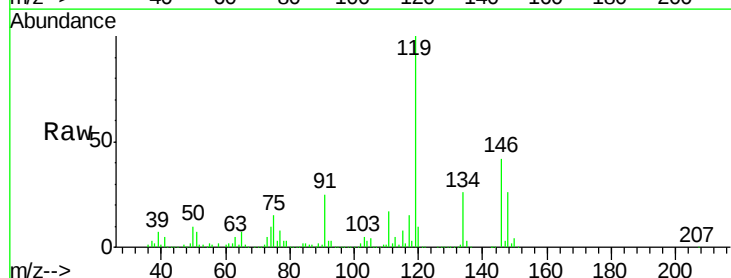
Tgt Ion:119 Resp: 544308

Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.4

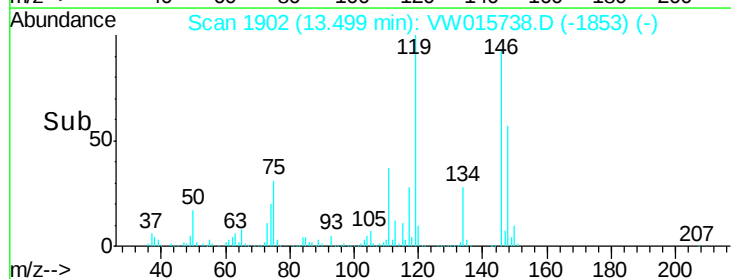
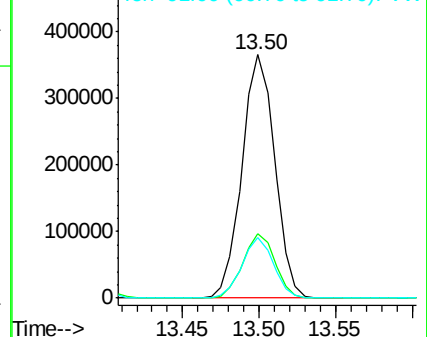
91 23.8 12.3 36.8

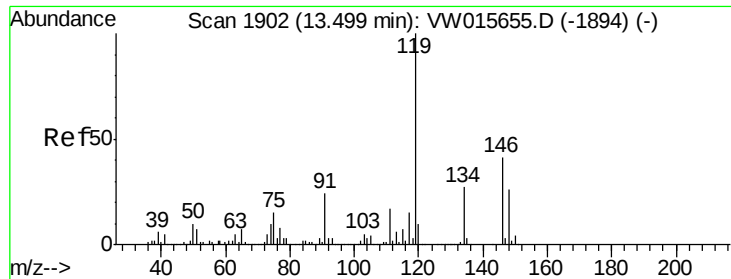


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

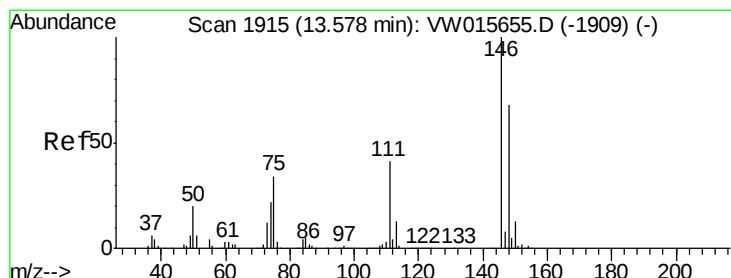
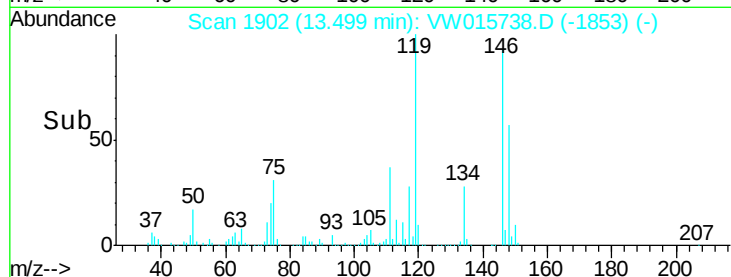
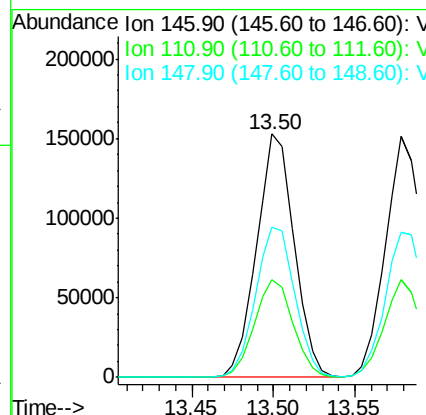
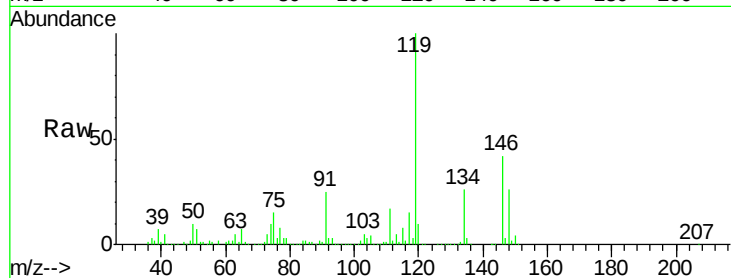




#87
 1,3-Dichlorobenzene
 Concen: 49.899 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

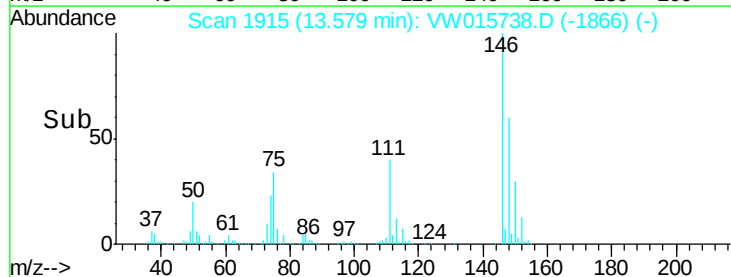
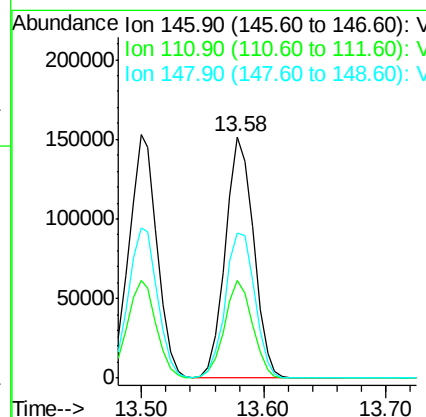
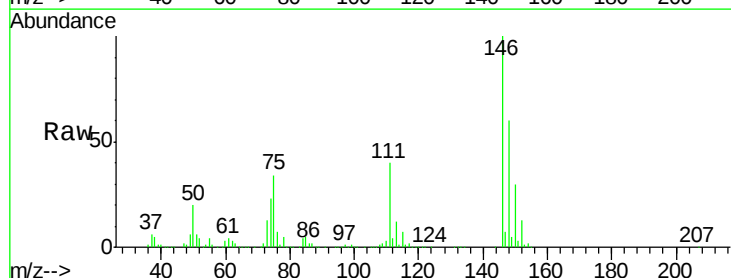
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

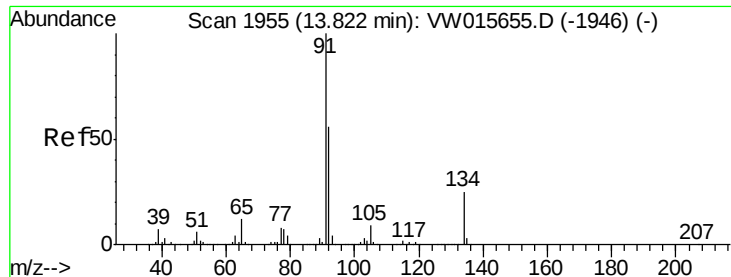
Tot Ion:146 Resp: 245288
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 60.8
 148 64.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 49.818 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion:146 Resp: 242541
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 60.9
 148 63.1 33.7 101.1





#89

n-Butylbenzene

Concen: 52.135 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

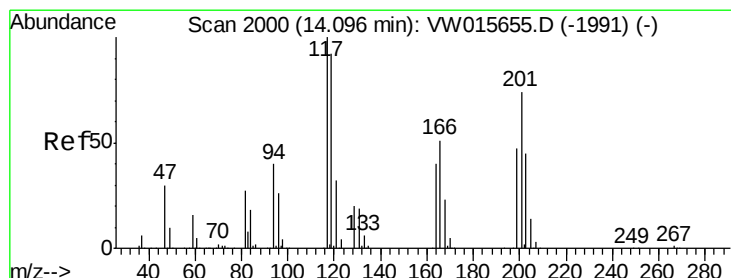
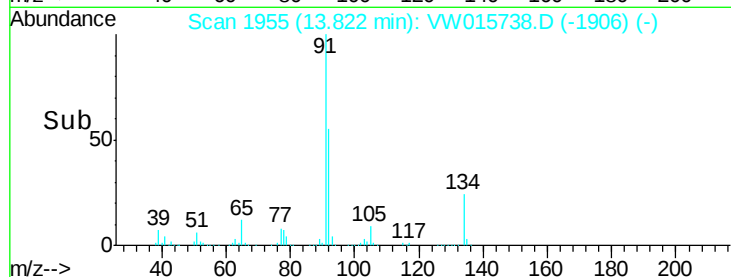
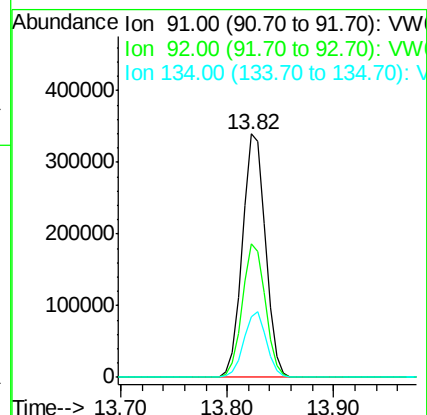
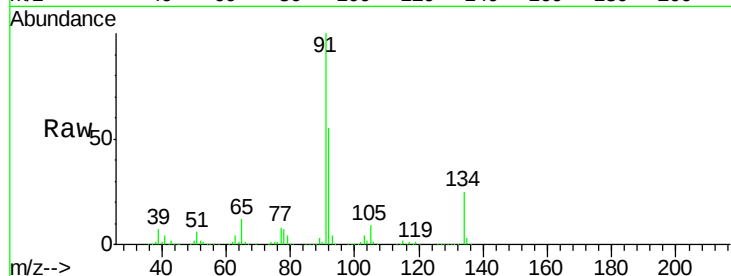
Tot Ion: 91 Resp: 516682

Ion Ratio Lower Upper

91 100

92 54.7 27.5 82.4

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 50.074 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015738.D

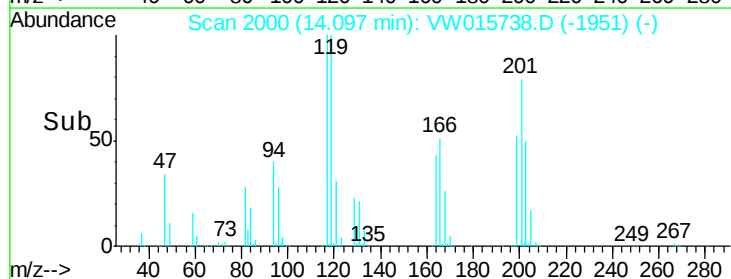
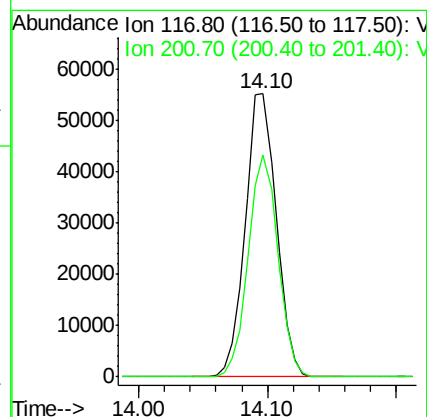
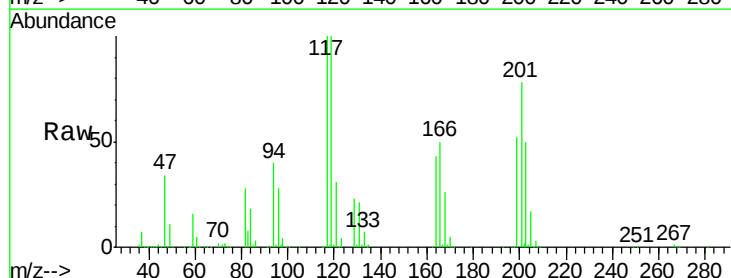
Acq: 26 Jun 2020 09:56

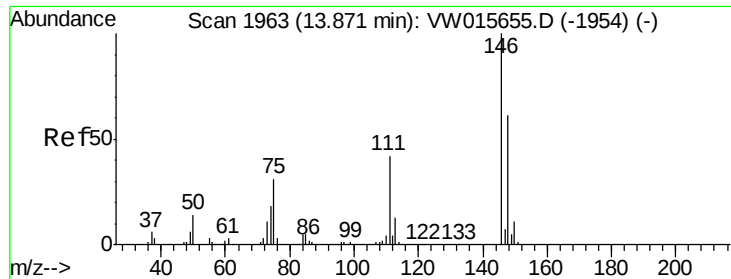
Tgt Ion: 117 Resp: 91998

Ion Ratio Lower Upper

117 100

201 74.8 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 50.985 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

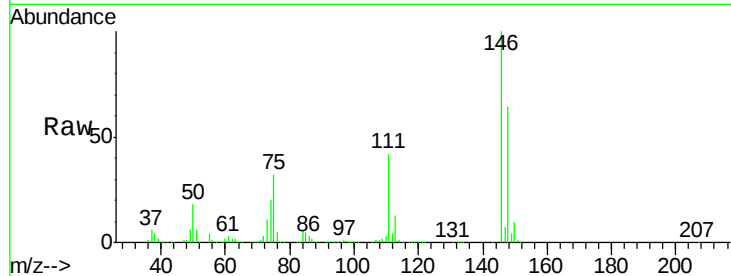
Tot Ion:146 Resp: 216696

Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

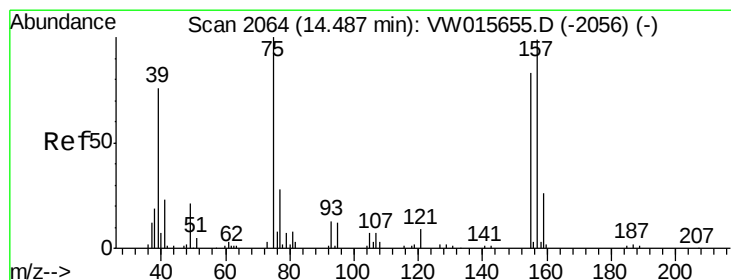
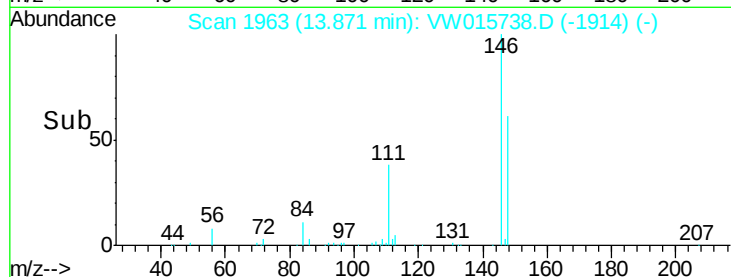
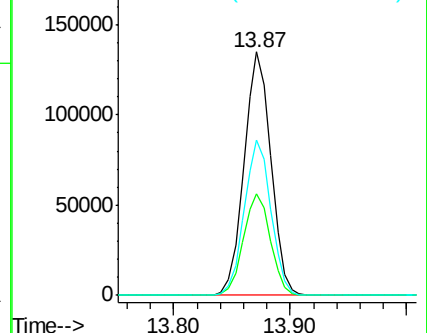
148 63.4 32.2 96.6



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: 51.047 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015738.D

Acq: 26 Jun 2020 09:56

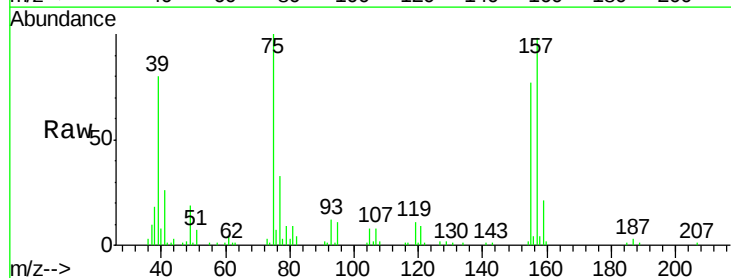
Tgt Ion: 75 Resp: 14522

Ion Ratio Lower Upper

75 100

155 76.8 40.8 122.2

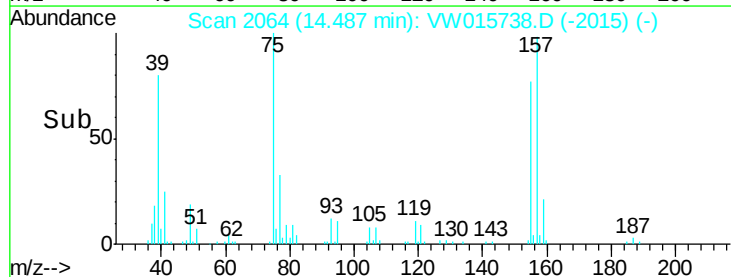
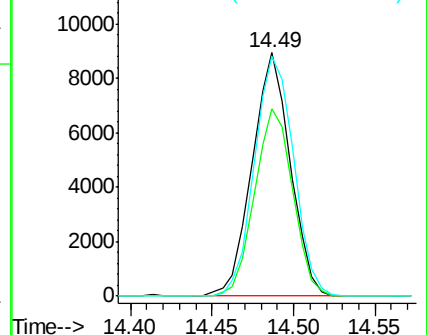
157 101.2 50.7 152.1

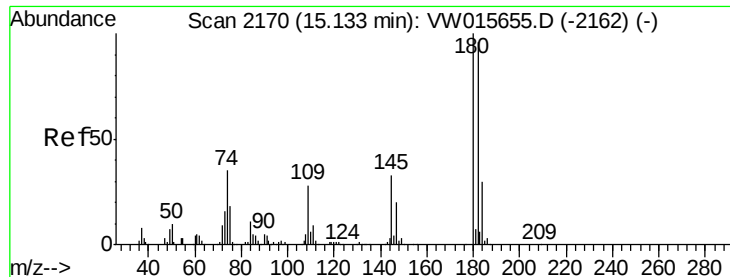


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

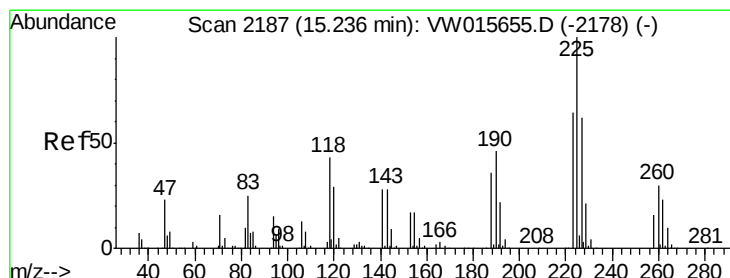
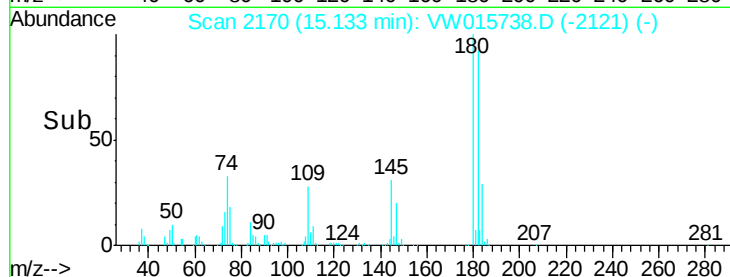
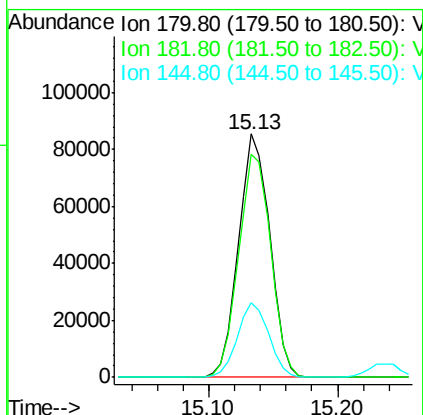
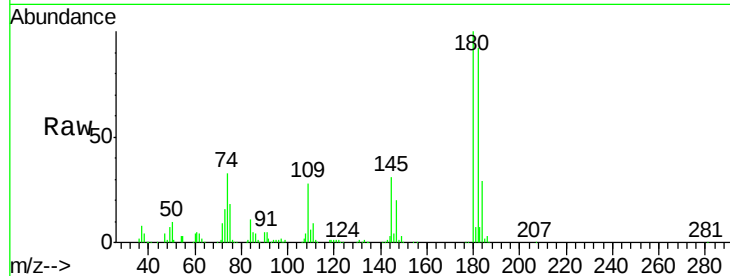




#93
 1,2,4-Trichlorobenzene
 Concen: 51.155 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

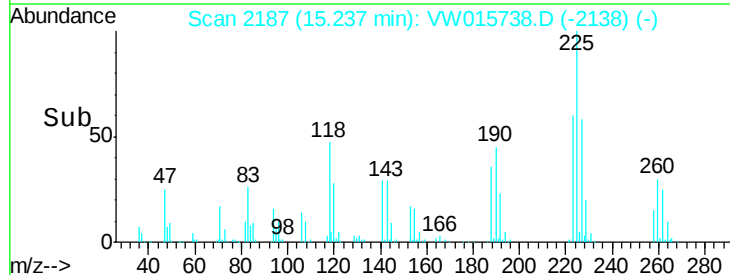
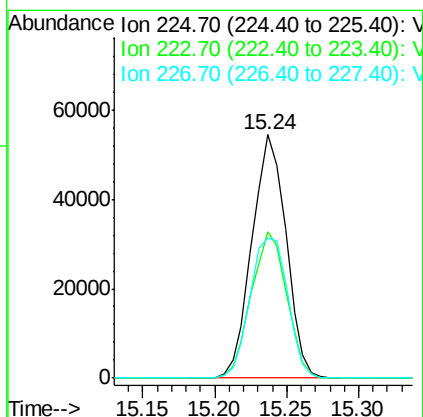
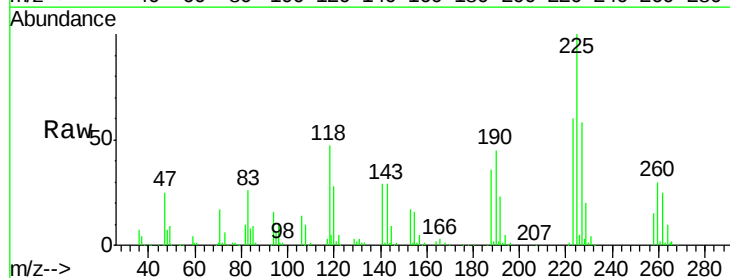
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 143576
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.6
 145 30.7 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 49.906 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015738.D
 Acq: 26 Jun 2020 09:56

Tgt Ion:225 Resp: 89234
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.0 93.0
 227 63.9 31.9 95.9

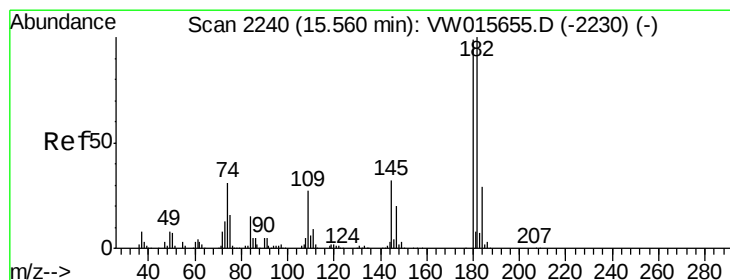
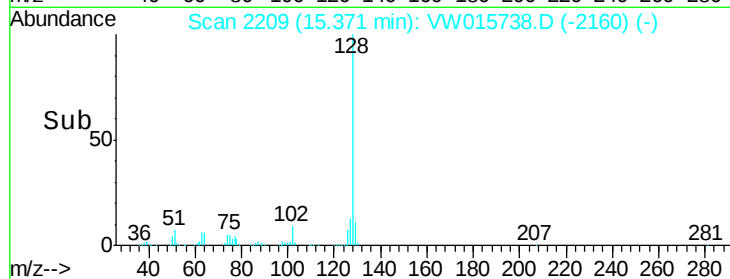
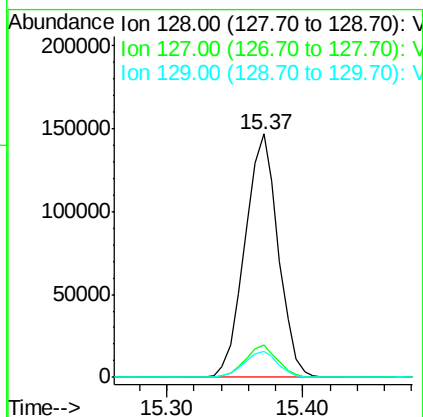
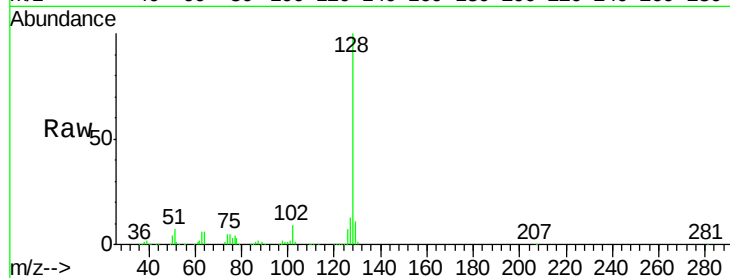




#95
Naphthalene
Concen: 54.052 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 250920
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.340 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015738.D
Acq: 26 Jun 2020 09:56

Tgt Ion:180 Resp: 121648
Ion Ratio Lower Upper
180 100
182 96.0 49.0 147.0
145 32.4 16.4 49.2

