

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015672.D
 Acq On : 24 Jun 2020 10:16
 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 25 02:01:13 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	201034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149961	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	108104	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	7.88	113	96229	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	385468	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	145909	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	68522	57.165	ug/l	97
3) Chloromethane	2.21	50	74362	52.830	ug/l	100
4) Vinyl Chloride	2.37	62	118767	52.193	ug/l	99
5) Bromomethane	2.79	94	91317	54.599	ug/l	99
6) Chloroethane	2.93	64	80219	53.569	ug/l	99
7) Trichlorofluoromethane	3.26	101	91909	53.792	ug/l	100
8) Diethyl Ether	3.68	74	51182	51.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	100127	49.717	ug/l	100
10) Methyl Iodide	4.27	142	139357	48.937	ug/l	99
11) Tert butyl alcohol	5.21	59	26947	212.232	ug/l	98
12) 1,1-Dichloroethene	4.04	96	98171	50.061	ug/l	98
13) Acrolein	3.90	56	39160	252.023	ug/l	97
14) Allyl chloride	4.67	41	156345	49.141	ug/l	99
15) Acrylonitrile	5.37	53	96391	236.762	ug/l	98
16) Acetone	4.14	43	115520	271.672	ug/l	99
17) Carbon Disulfide	4.38	76	292717	51.863	ug/l	98
18) Methyl Acetate	4.68	43	42431	48.048	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	145032	49.142	ug/l	98
20) Methylene Chloride	4.92	84	112625	54.799	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	111665	49.666	ug/l	99
22) Diisopropyl ether	6.31	45	312262	49.348	ug/l	96
23) Vinyl Acetate	6.26	43	941603	255.171	ug/l	99
24) 1,1-Dichloroethane	6.21	63	195948	49.194	ug/l	99
25) 2-Butanone	7.18	43	142944	248.730	ug/l	100
26) 2,2-Dichloropropane	7.17	77	128538	48.114	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	120082	49.649	ug/l	99
28) Bromochloromethane	7.51	49	75461	49.251	ug/l	97
29) Tetrahydrofuran	7.54	42	80457	238.239	ug/l	99
30) Chloroform	7.68	83	198985	48.711	ug/l	97
31) Cyclohexane	7.96	56	184724	47.943	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	173594	49.853	ug/l	98
36) 1,1-Dichloropropene	8.09	75	166078	51.474	ug/l	100
37) Ethyl Acetate	7.26	43	58670	47.624	ug/l	98
38) Carbon Tetrachloride	8.07	117	162880	52.078	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203971	52.193	ug/l	99
40) Benzene	8.32	78	442965	50.492	ug/l	100
41) Methacrylonitrile	7.48	41	38106	53.895	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	136659	50.352	ug/l	100
43) Isopropyl Acetate	8.43	43	120673	49.085	ug/l	100
44) Trichloroethene	9.09	130	115321	48.768	ug/l	98
45) 1,2-Dichloropropane	9.37	63	108329	50.517	ug/l	99
46) Dibromomethane	9.46	93	55664	50.170	ug/l	99
47) Bromodichloromethane	9.65	83	147233	50.874	ug/l	98
48) Methyl methacrylate	9.44	41	56342	50.128	ug/l	99
49) 1,4-Dioxane	9.47	88	14507	996.715	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	295746	249.452	ug/l	99
52) Toluene	10.39	92	291250	51.414	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	143273	51.245	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	169928	50.877	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	76659	49.694	ug/l	98
56) Ethyl methacrylate	10.65	69	98540	51.339	ug/l	96
57) 1,3-Dichloropropane	10.93	76	137426	50.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	258908	285.044	ug/l	100
59) 2-Hexanone	10.97	43	209566	259.641	ug/l	100
60) Dibromochloromethane	11.13	129	93510	52.018	ug/l	99
61) 1,2-Dibromoethane	11.24	107	74214	50.330	ug/l	99
64) Tetrachloroethene	10.87	164	98380	48.397	ug/l	97
65) Chlorobenzene	11.66	112	300154	49.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	108867	50.895	ug/l	99
67) Ethyl Benzene	11.73	91	576137	50.745	ug/l	100
68) m/p-Xylenes	11.84	106	440929	103.425	ug/l	100
69) o-Xylene	12.17	106	201013	51.280	ug/l	99
70) Styrene	12.18	104	348325	52.010	ug/l	99
71) Bromoform	12.35	173	51021	51.841	ug/l #	97
73) Isopropylbenzene	12.47	105	571171	49.929	ug/l	99
74) N-amyl acetate	12.27	43	118385	48.818	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	87932	48.048	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	117103	85.610	ug/l #	1
77) Bromobenzene	12.75	156	123475	48.406	ug/l	98
78) n-propylbenzene	12.80	91	685564	49.788	ug/l	99
79) 2-Chlorotoluene	12.90	91	383949	49.522	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	489828	50.533	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27041	49.818	ug/l	97
82) 4-Chlorotoluene	12.99	91	407771	49.714	ug/l	100
83) tert-Butylbenzene	13.21	119	409498	49.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	487164	50.396	ug/l	99
85) sec-Butylbenzene	13.38	105	592539	50.623	ug/l	100
86) p-Isopropyltoluene	13.50	119	546563	51.394	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	252988	49.961	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	249707	49.790	ug/l	95
89) n-Butylbenzene	13.82	91	526044	51.527	ug/l	99
90) Hexachloroethane	14.10	117	95508	50.465	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	216723	49.500	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14441	49.278	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

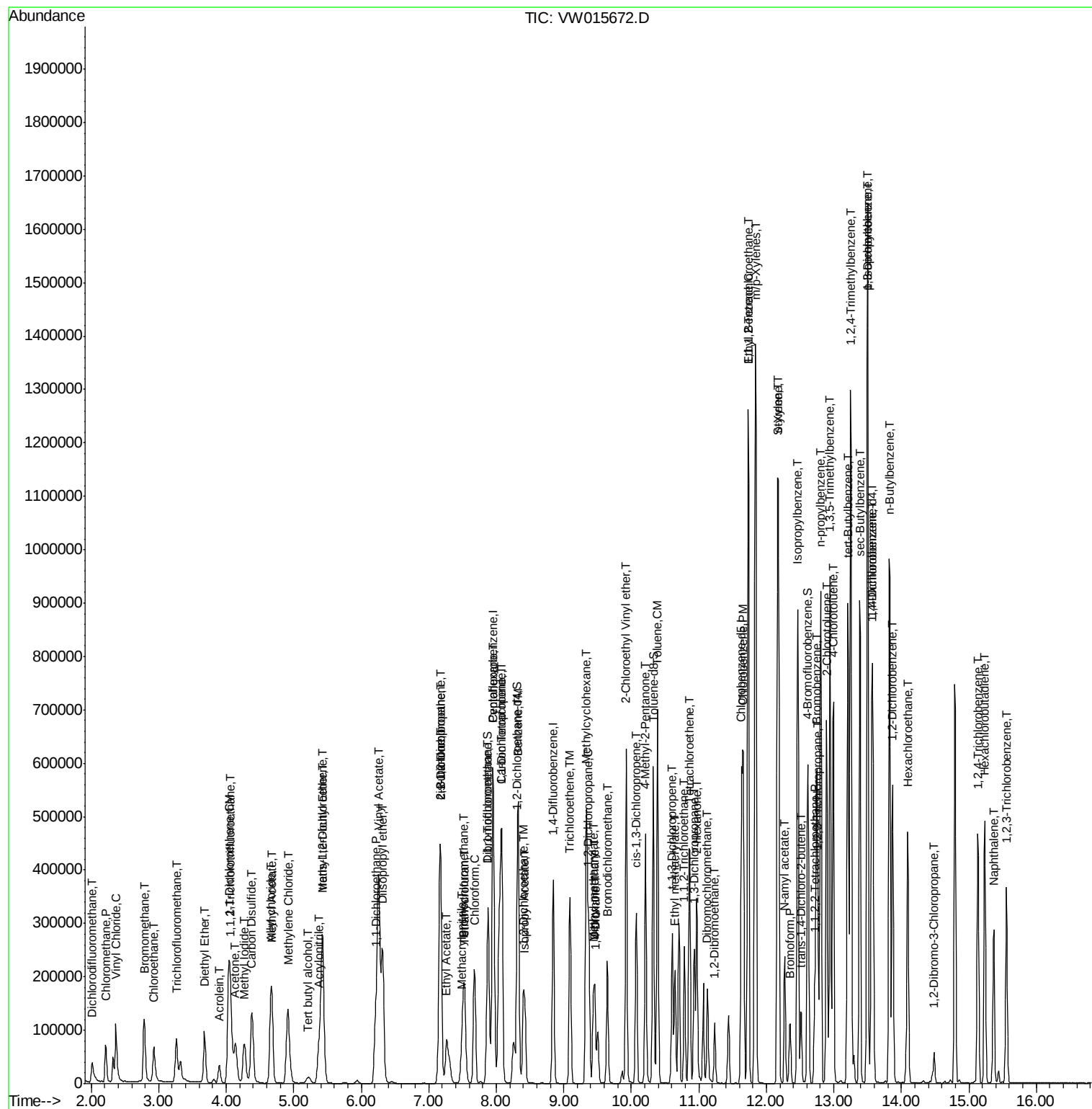
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	147292	50.944	ug/l	96
94) Hexachlorobutadiene	15.24	225	89262	48.462	ug/l	98
95) Naphthalene	15.37	128	240859	50.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	122278	49.122	ug/l	99

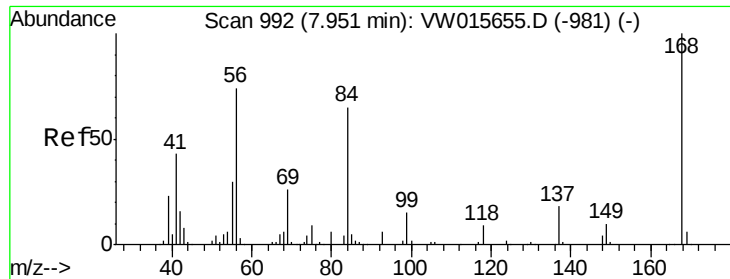
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

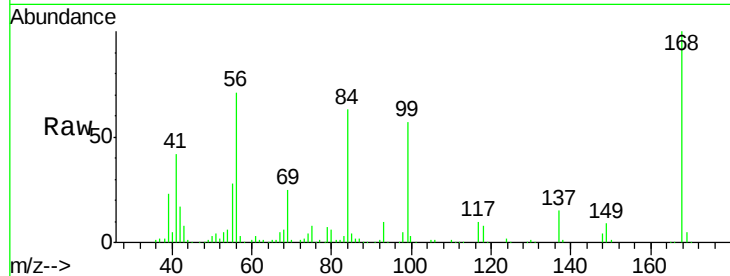
VSTDCCC050

Tgt Ion:168 Resp: 201034

Ion Ratio Lower Upper

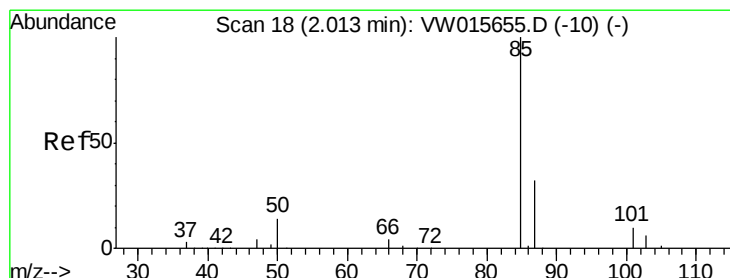
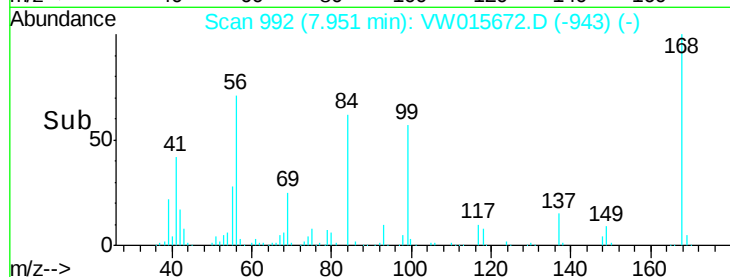
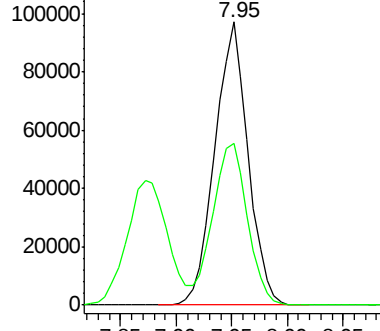
168 100

99 57.2 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 57.165 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015672.D

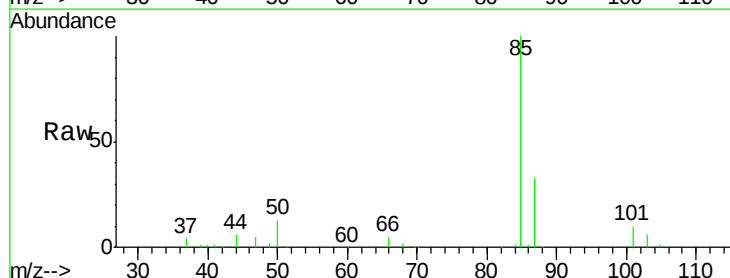
Acq: 24 Jun 2020 10:16

Tgt Ion: 85 Resp: 68522

Ion Ratio Lower Upper

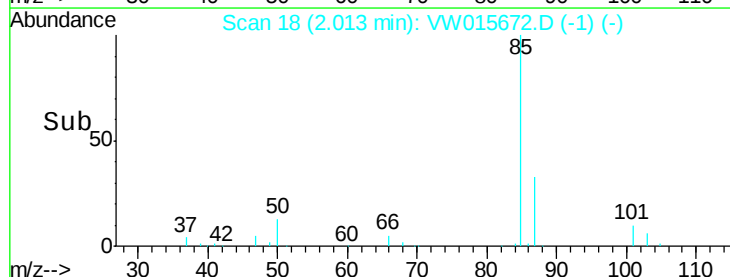
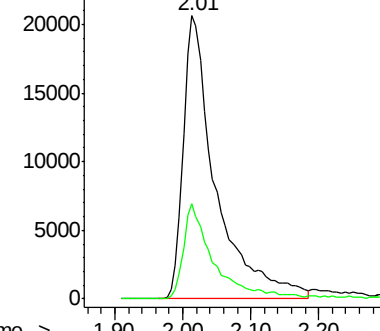
85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 52.830 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

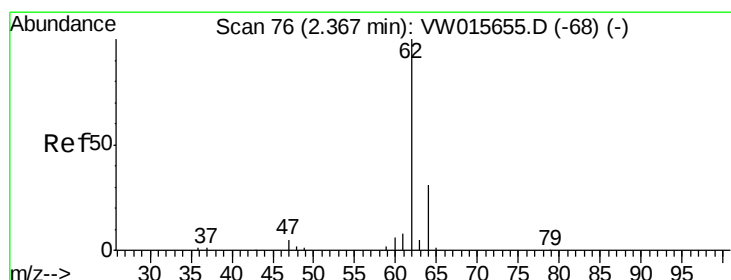
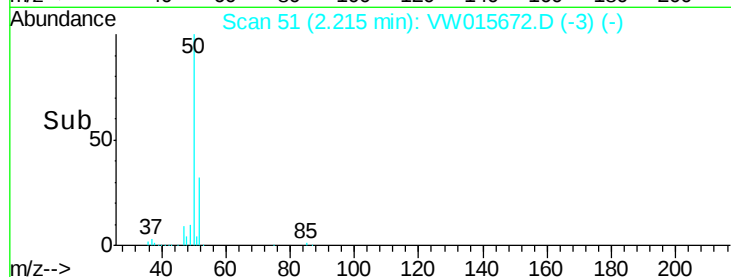
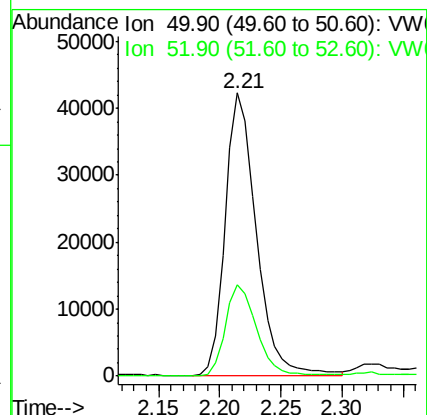
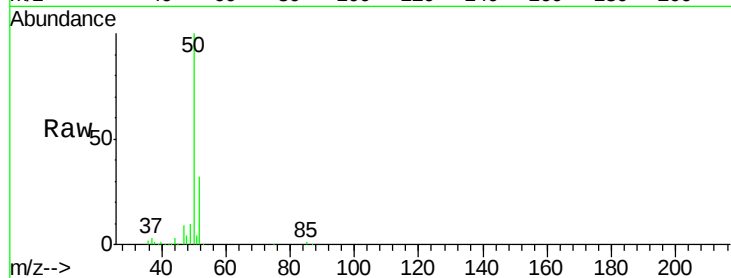
VSTDCCC050

Tgt Ion: 50 Resp: 74362

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 52.193 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015672.D

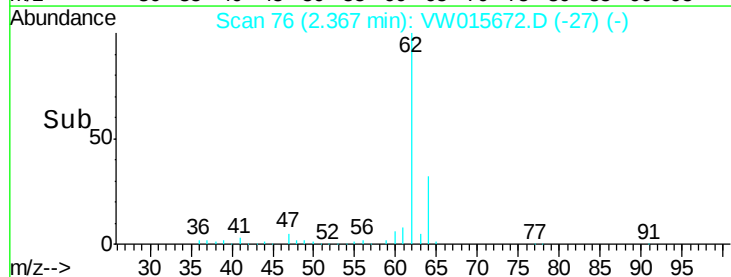
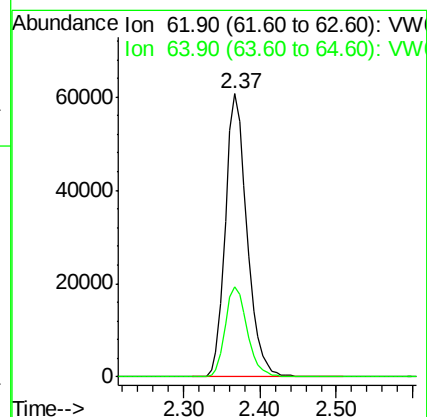
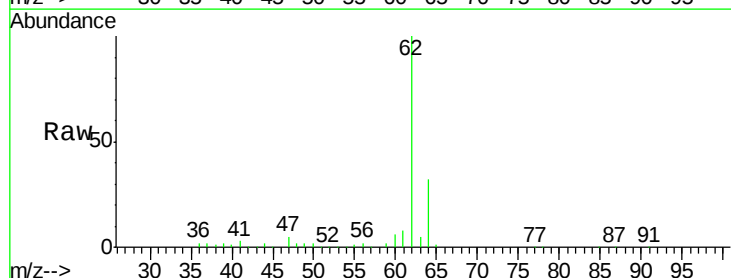
Acq: 24 Jun 2020 10:16

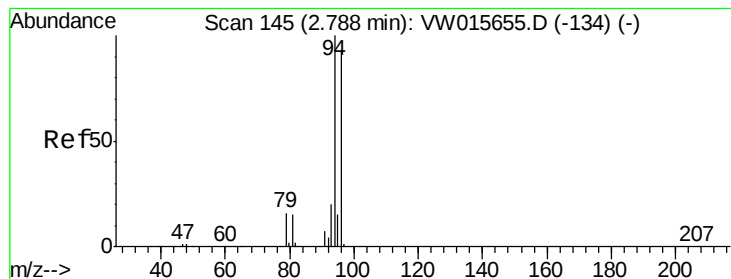
Tgt Ion: 62 Resp: 118767

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 54.599 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

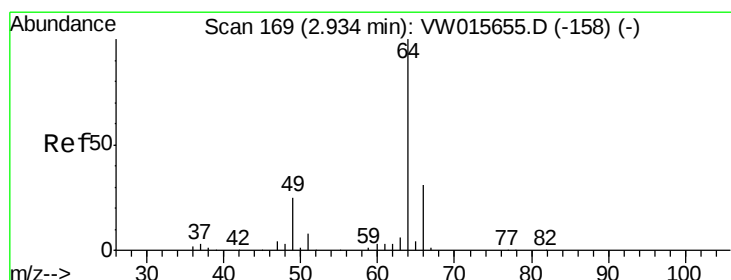
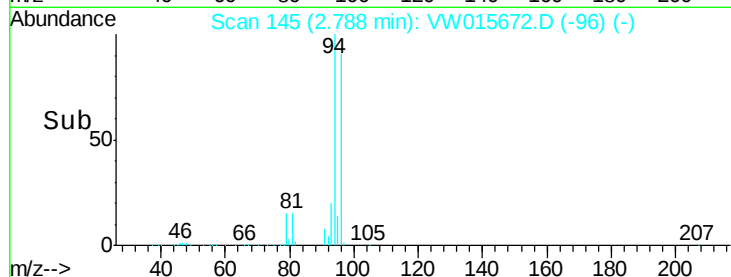
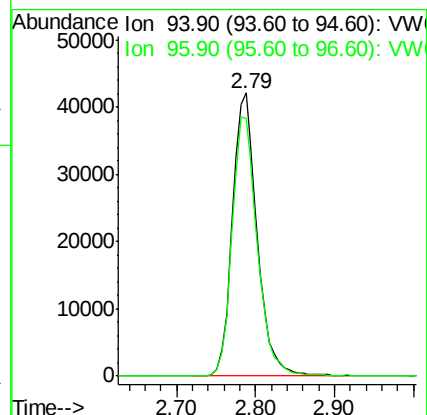
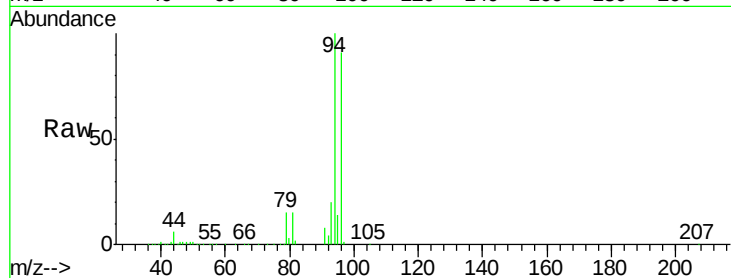
VSTDCCC050

Tgt Ion: 94 Resp: 91317

Ion Ratio Lower Upper

94 100

96 91.1 73.8 110.6



#6

Chloroethane

Concen: 53.569 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015672.D

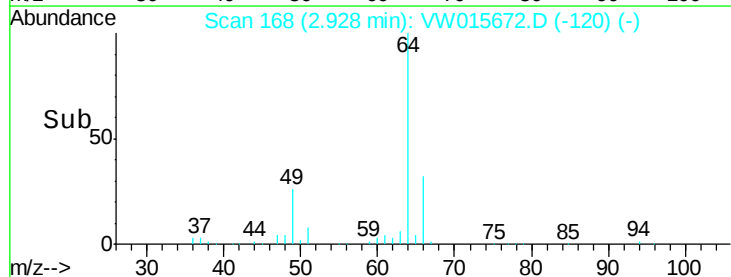
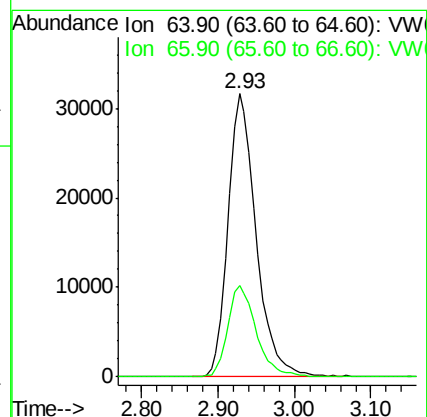
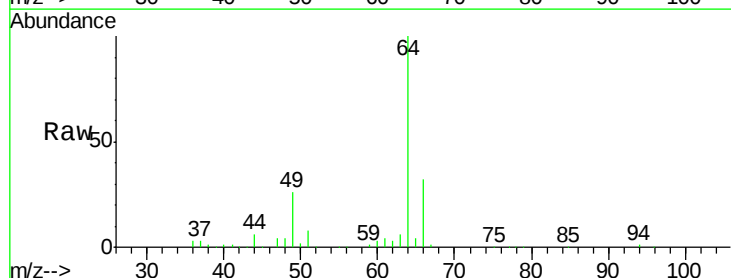
Acq: 24 Jun 2020 10:16

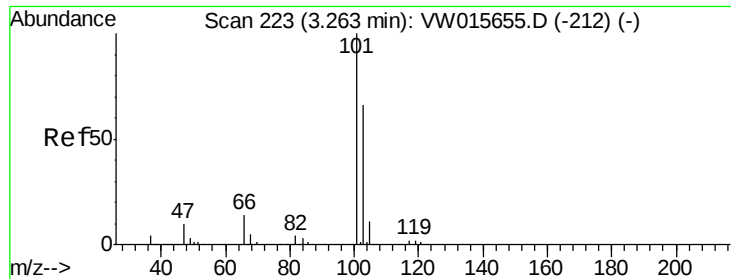
Tgt Ion: 64 Resp: 80219

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



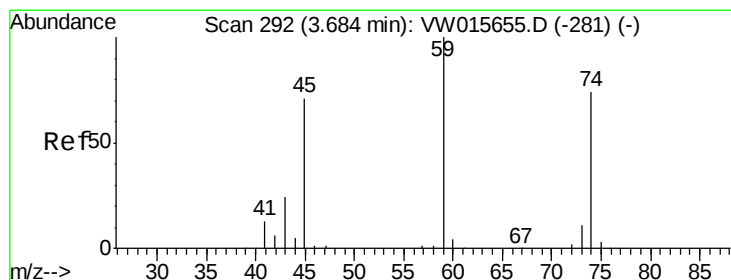
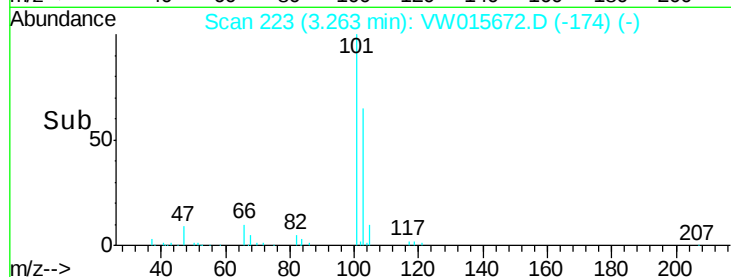
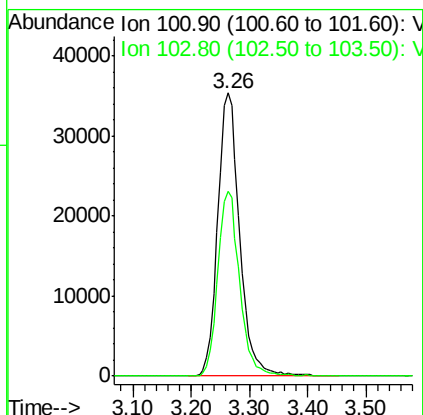
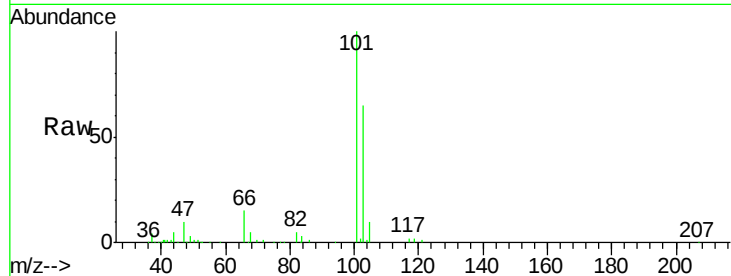


#7

Trichlorofluoromethane
 Concen: 53.792 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

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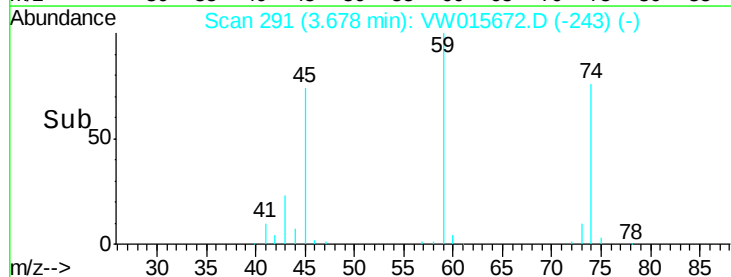
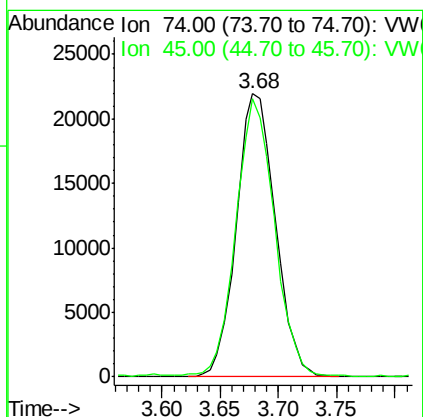
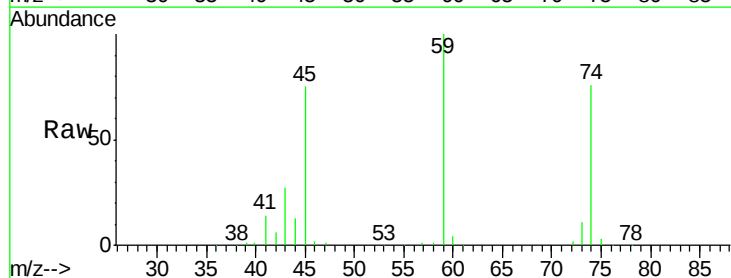
Tgt Ion: 101 Resp: 91909
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.6 78.8

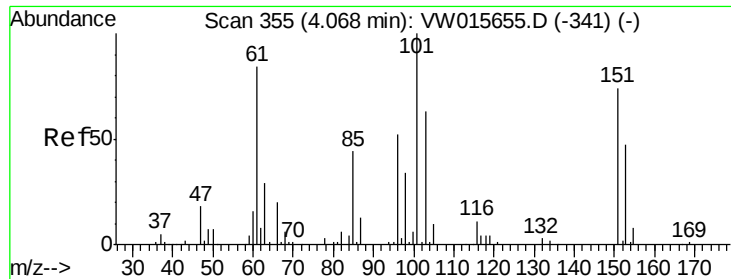


#8

Diethyl Ether
 Concen: 51.869 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion: 74 Resp: 51182
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.717 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

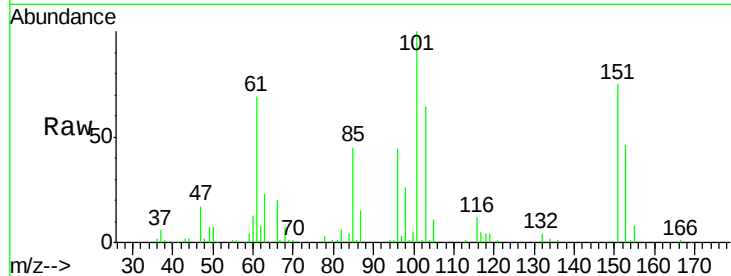
Tgt Ion:101 Resp: 100127

Ion Ratio Lower Upper

101 100

85 46.4 36.6 55.0

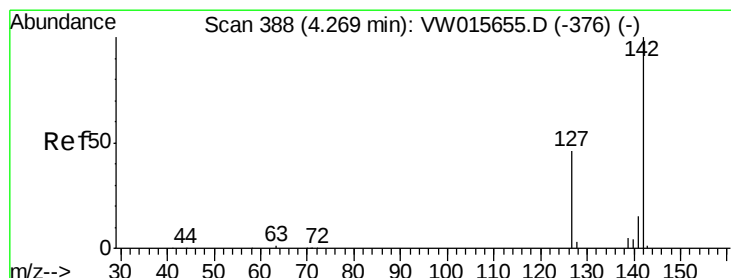
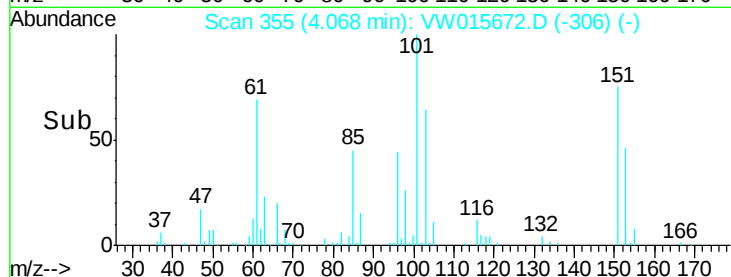
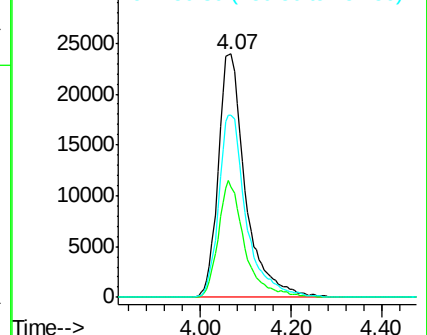
151 75.7 60.4 90.6



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: 48.937 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

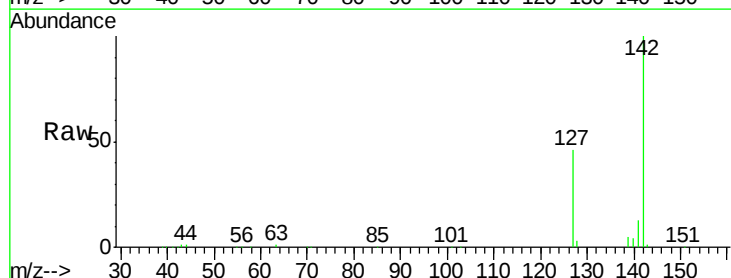
Tgt Ion:142 Resp: 139357

Ion Ratio Lower Upper

142 100

127 46.2 36.4 54.6

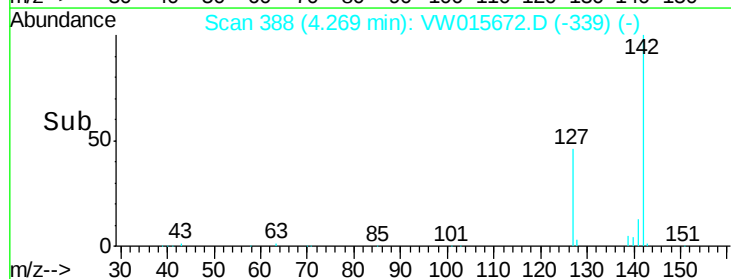
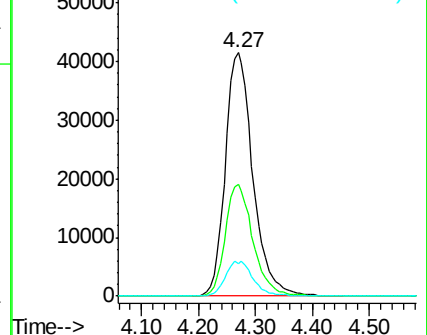
141 14.6 11.6 17.4

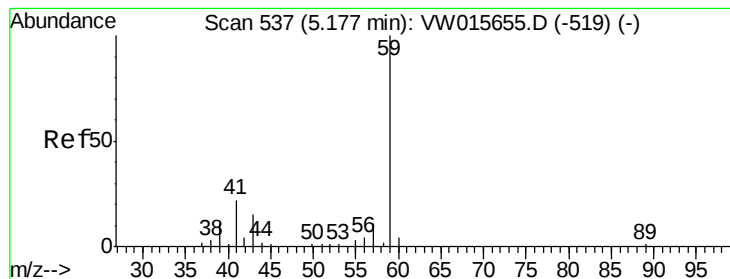


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



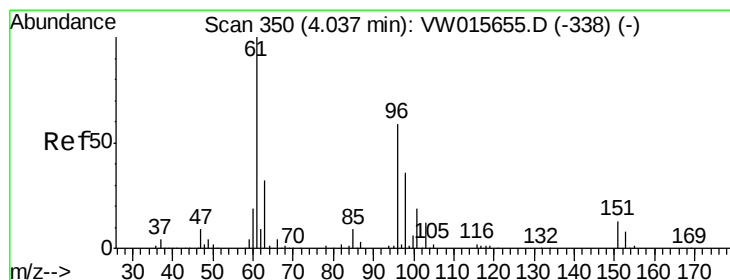
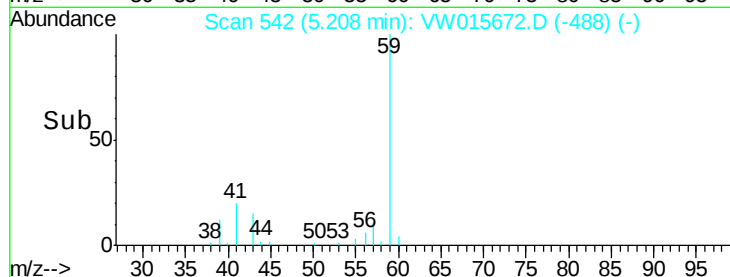
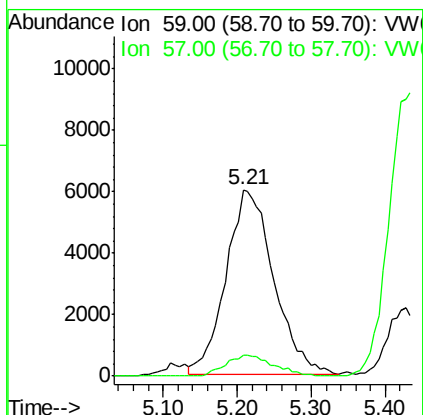
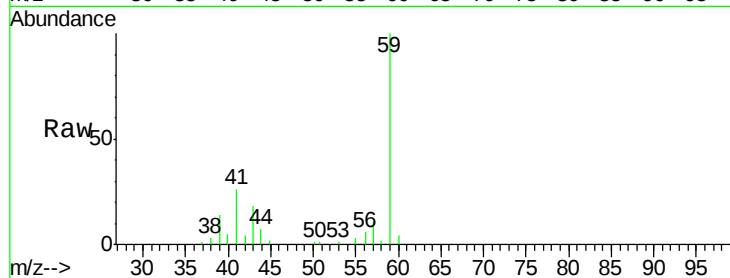


#11

Tert butyl alcohol
 Concen: 212.232 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. 0.03 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

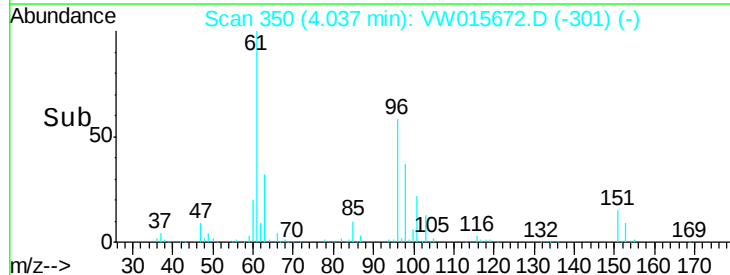
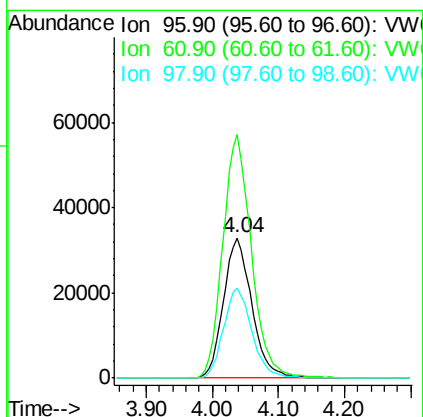
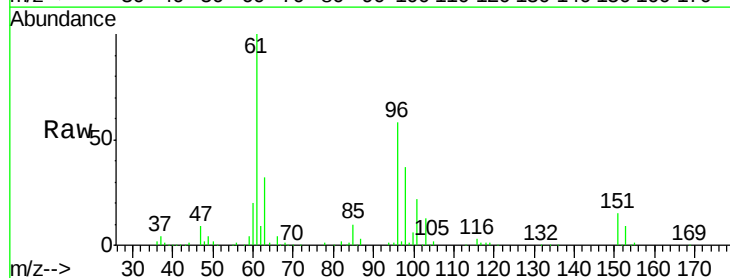
Tgt Ion: 59 Resp: 26947
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.4 12.6

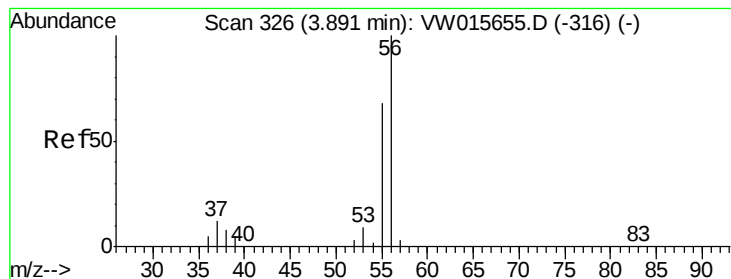


#12

1,1-Dichloroethene
 Concen: 50.061 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion: 96 Resp: 98171
 Ion Ratio Lower Upper
 96 100
 61 173.6 136.7 205.1
 98 64.6 49.2 73.8





#13

Acrolein

Concen: 252.023 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

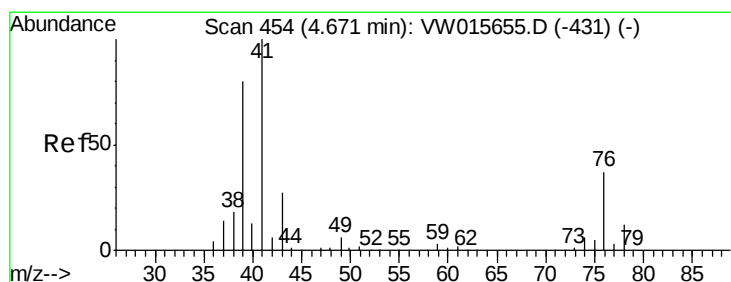
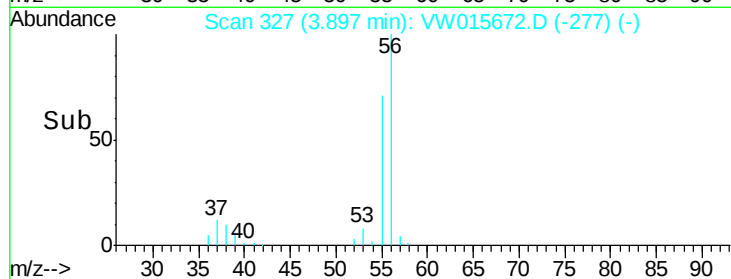
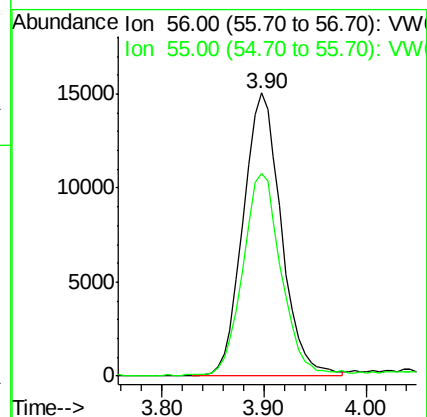
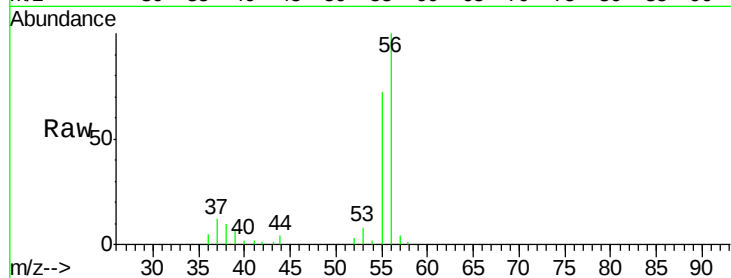
VSTDCCC050

Tgt Ion: 56 Resp: 39160

Ion Ratio Lower Upper

56 100

55 72.6 56.2 84.2



#14

Allyl chloride

Concen: 49.141 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

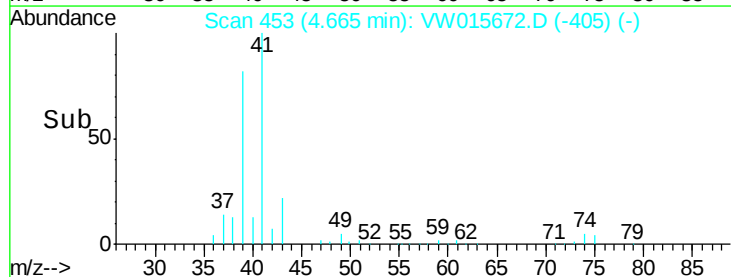
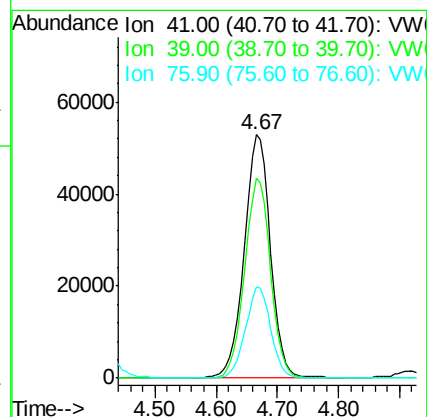
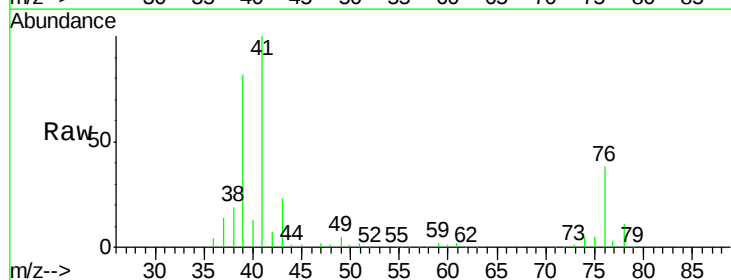
Tgt Ion: 41 Resp: 156345

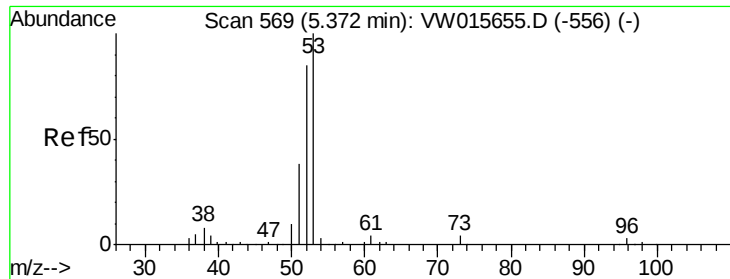
Ion Ratio Lower Upper

41 100

39 81.5 64.6 97.0

76 36.3 29.1 43.7

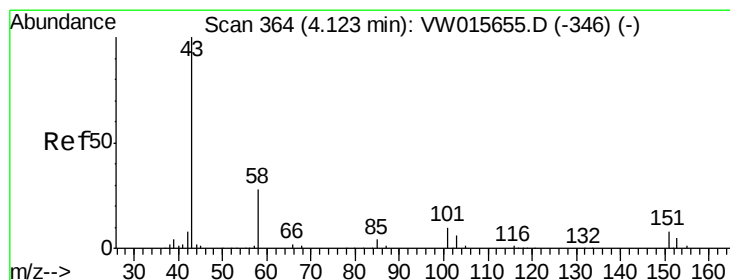
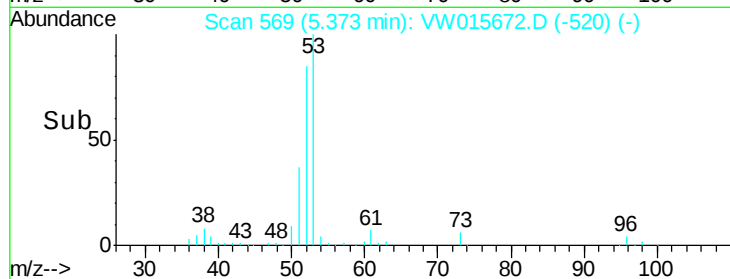
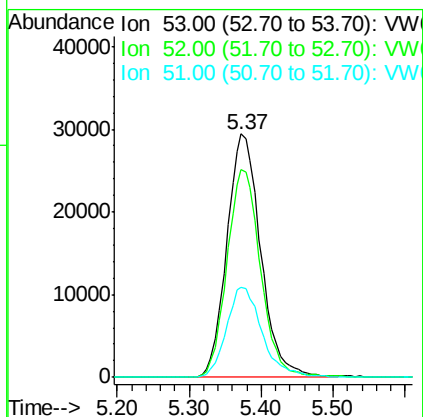
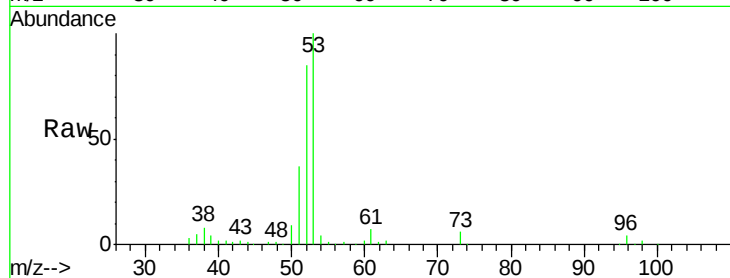




#15
Acrylonitrile
Concen: 236.762 ug/l
RT: 5.37 min Scan# 569
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

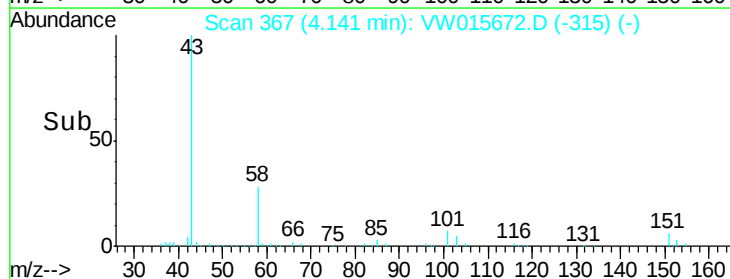
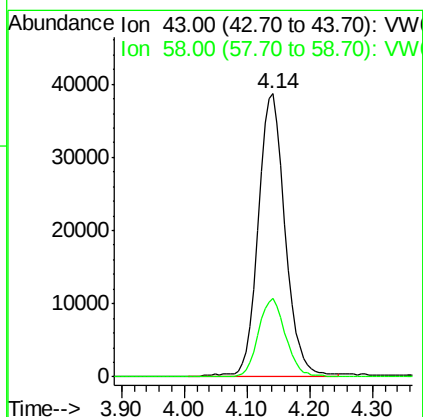
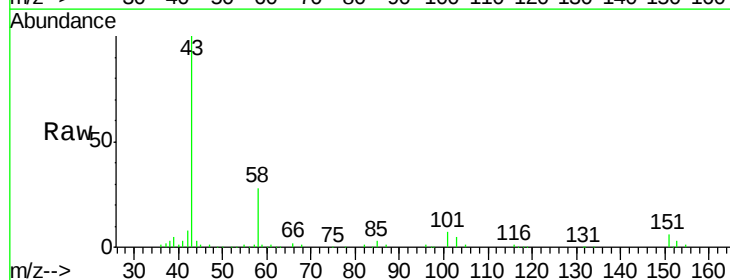
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

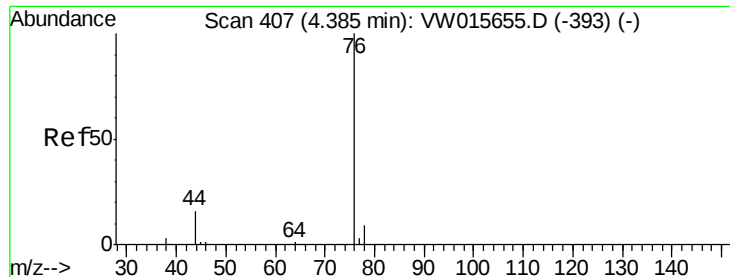
Tgt Ion: 53 Resp: 96391
Ion Ratio Lower Upper
53 100
52 84.1 65.8 98.6
51 38.8 30.7 46.1



#16
Acetone
Concen: 271.672 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 43 Resp: 115520
Ion Ratio Lower Upper
43 100
58 27.6 22.6 33.8

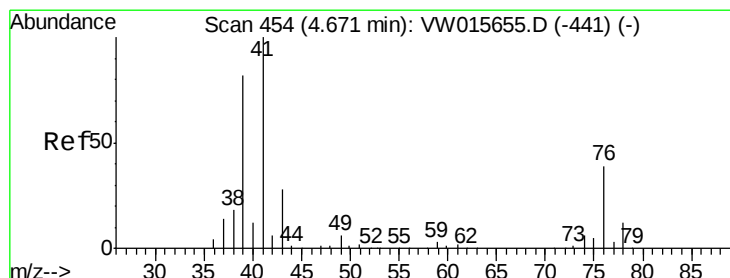
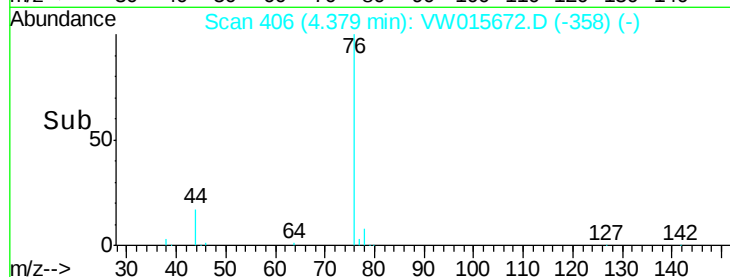
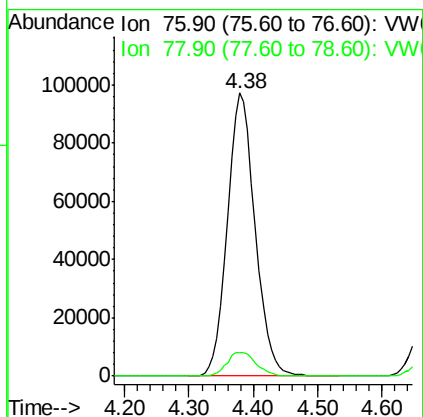
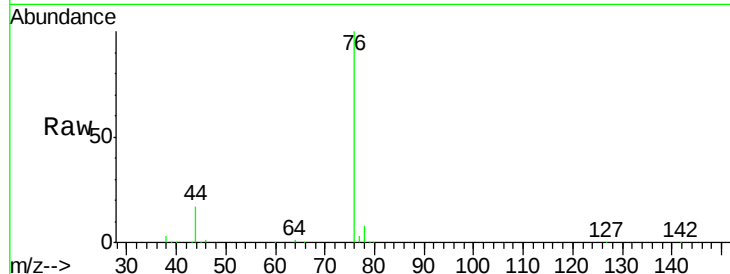




#17
Carbon Disulfide
Concen: 51.863 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

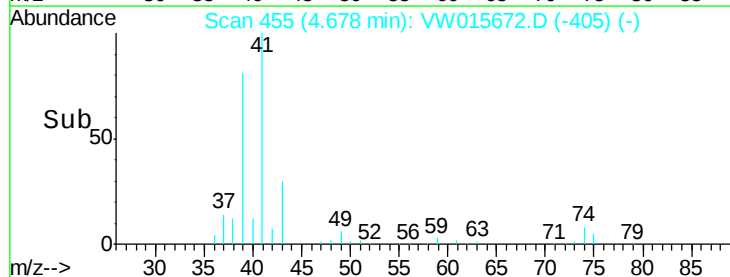
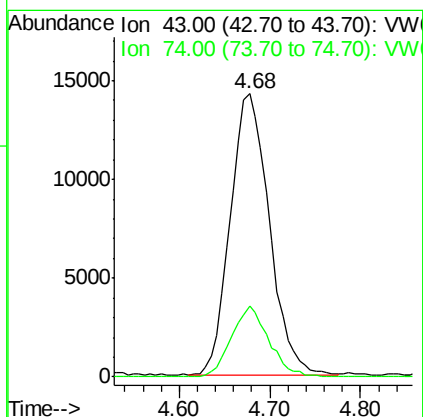
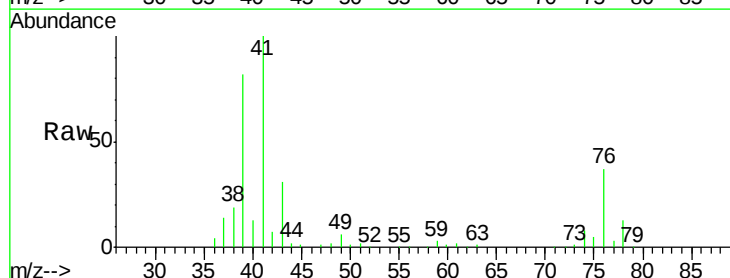
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

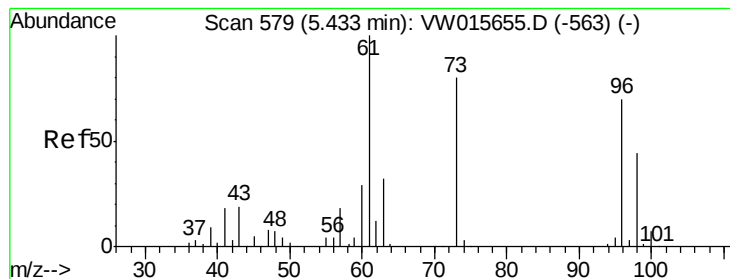
Tgt Ion: 76 Resp: 292717
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8



#18
Methyl Acetate
Concen: 48.048 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 43 Resp: 42431
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 49.142 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

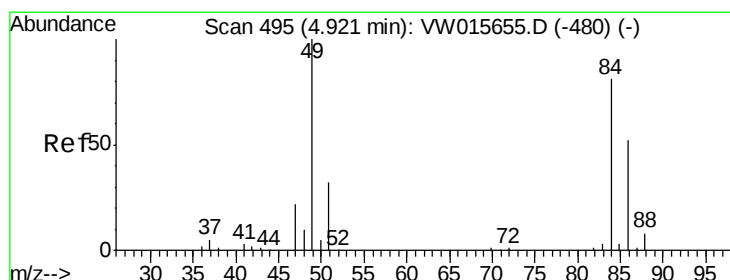
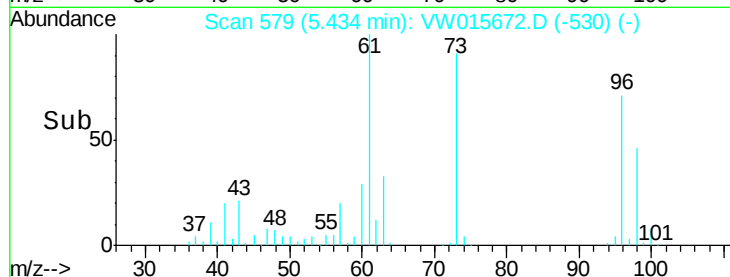
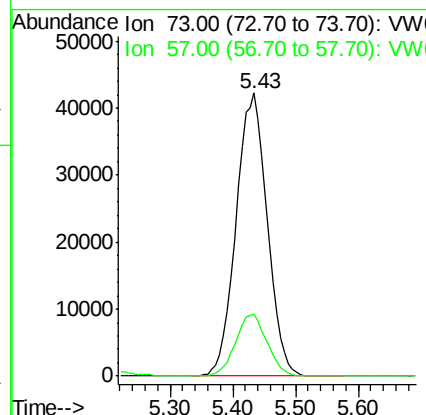
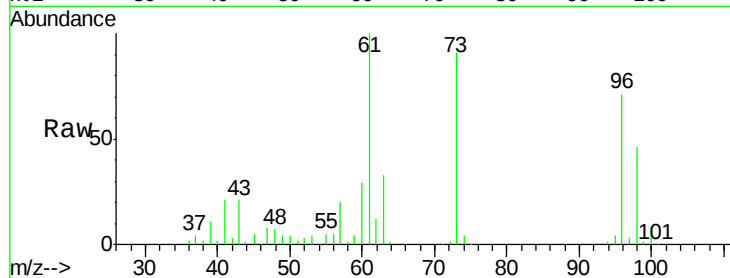
VSTDCCC050

Tgt Ion: 73 Resp: 145032

Ion Ratio Lower Upper

73 100

57 21.8 18.1 27.1



#20

Methylene Chloride

Concen: 54.799 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Tgt Ion: 84 Resp: 112625

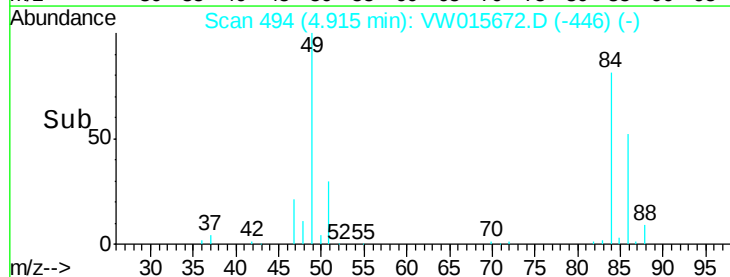
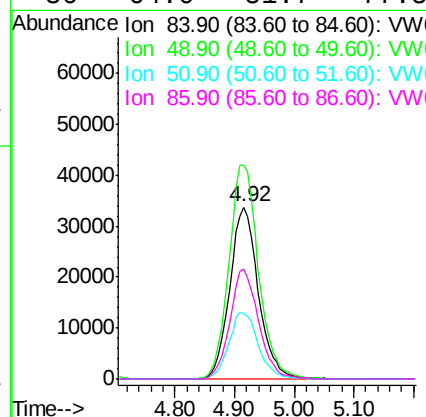
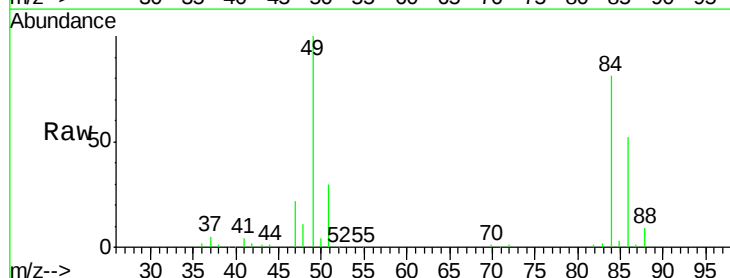
Ion Ratio Lower Upper

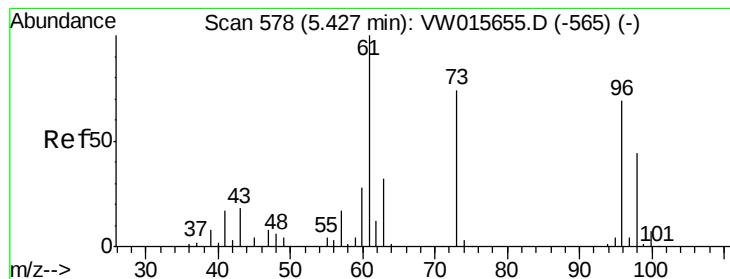
84 100

49 124.1 99.3 148.9

51 37.6 31.8 47.6

86 64.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 49.666 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

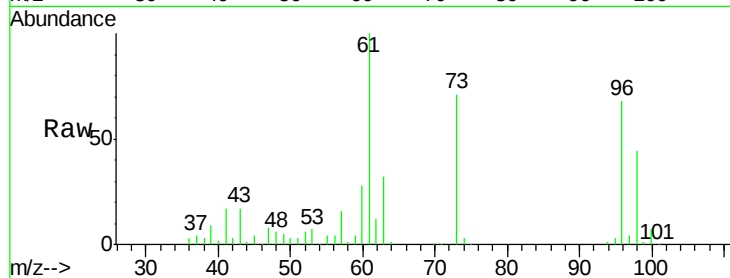
Tgt Ion: 96 Resp: 111665

Ion Ratio Lower Upper

96 100

61 146.3 116.2 174.2

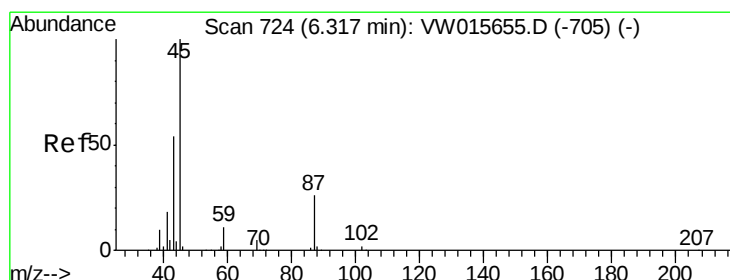
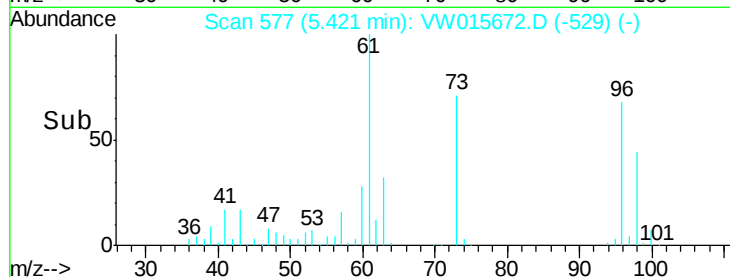
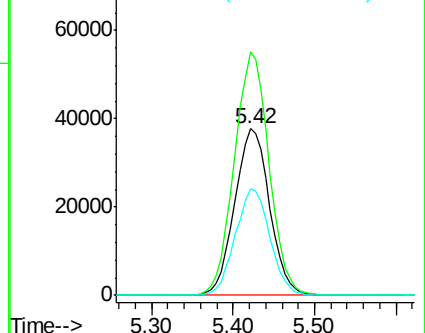
98 64.0 51.4 77.0



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: 49.348 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Tgt Ion: 45 Resp: 312262

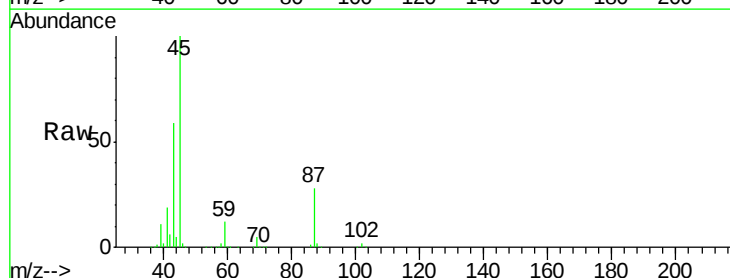
Ion Ratio Lower Upper

45 100

43 58.9 43.9 65.9

87 27.9 21.2 31.8

59 11.6 9.2 13.8

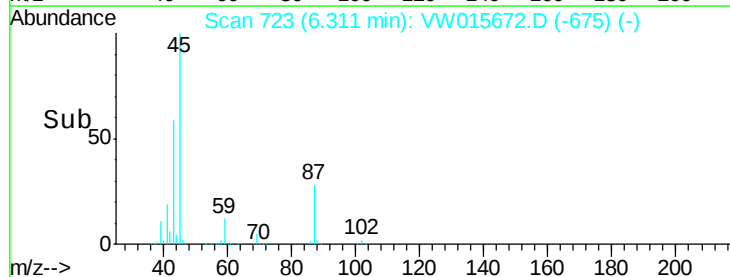
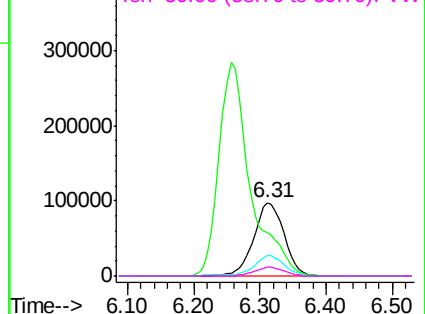


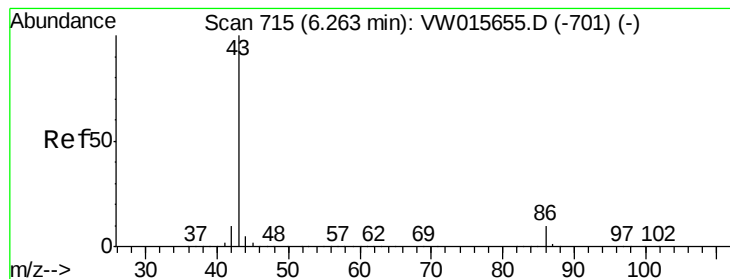
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 255.171 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

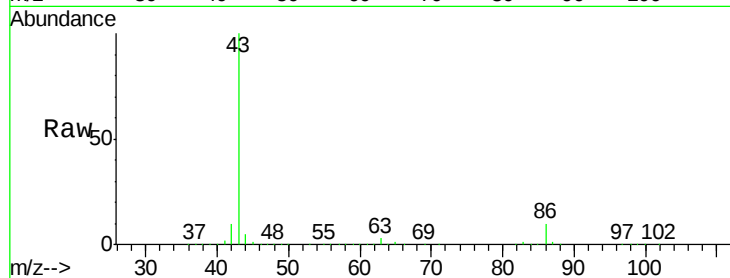
VSTDCCC050

Tgt Ion: 43 Resp: 941603

Ion Ratio Lower Upper

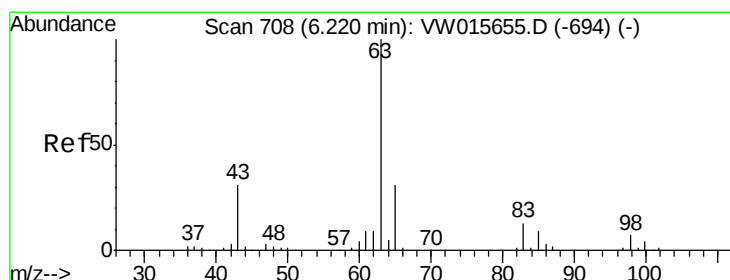
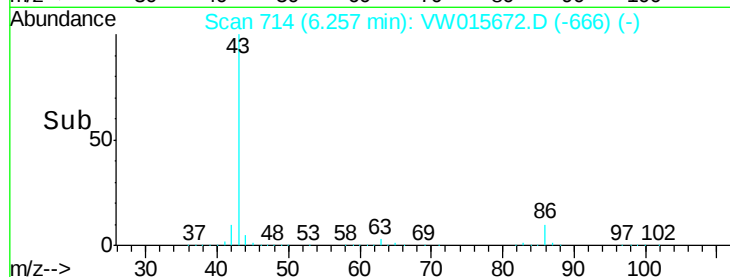
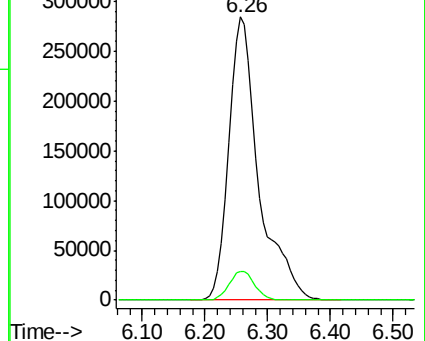
43 100

86 9.9 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: 49.194 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

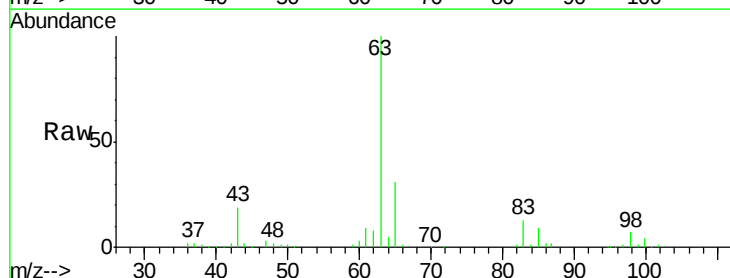
Tgt Ion: 63 Resp: 195948

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

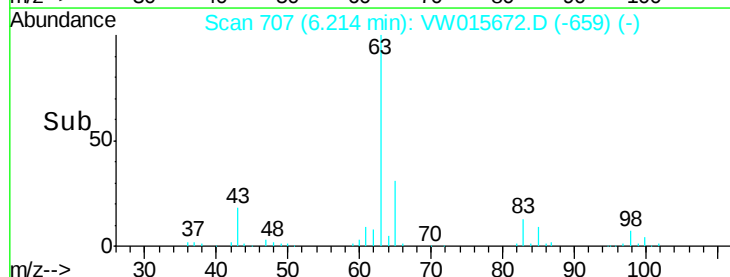
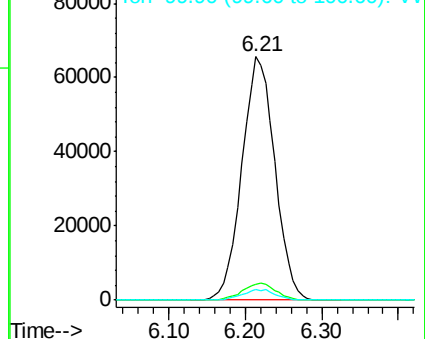
100 4.3 2.1 6.3

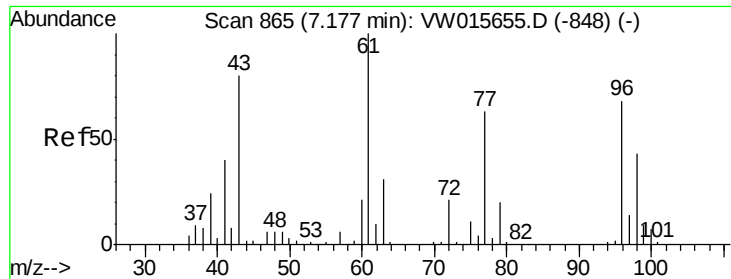


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

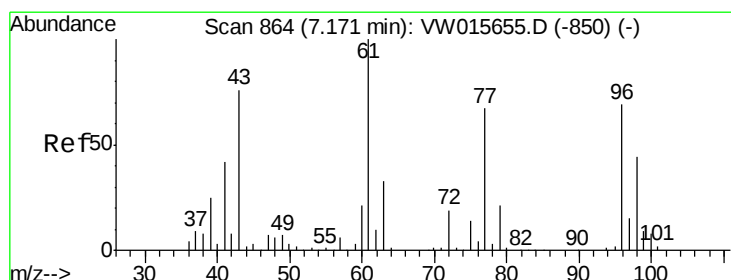
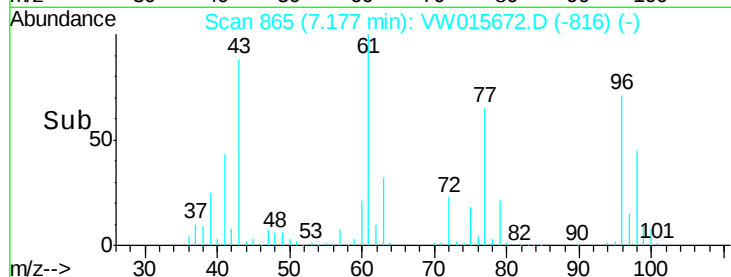
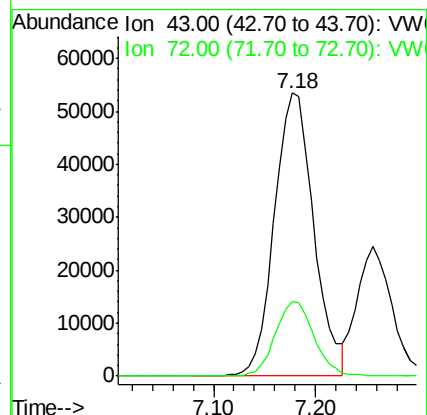
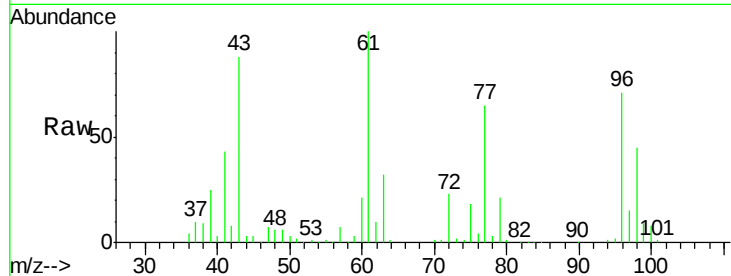




#25
2-Butanone
Concen: 248.730 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

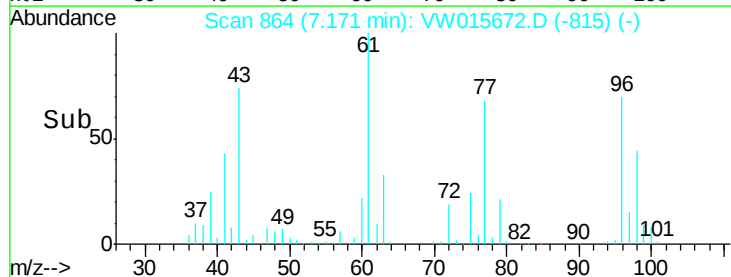
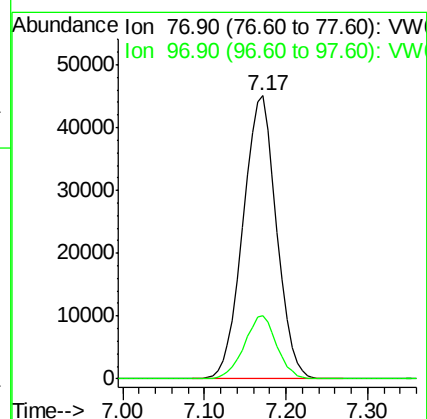
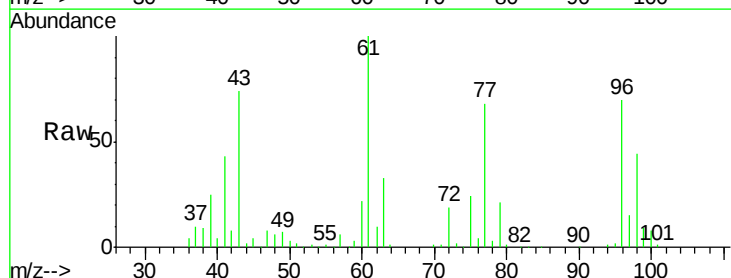
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

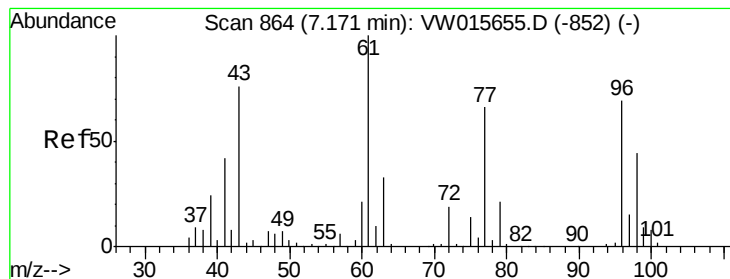
Tgt Ion: 43 Resp: 142944
Ion Ratio Lower Upper
43 100
72 26.5 21.1 31.7



#26
2,2-Dichloropropane
Concen: 48.114 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 77 Resp: 128538
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.5



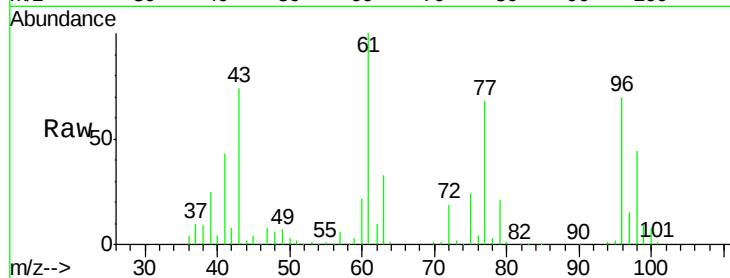


#27

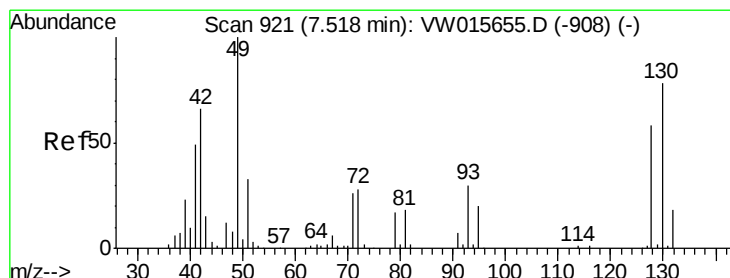
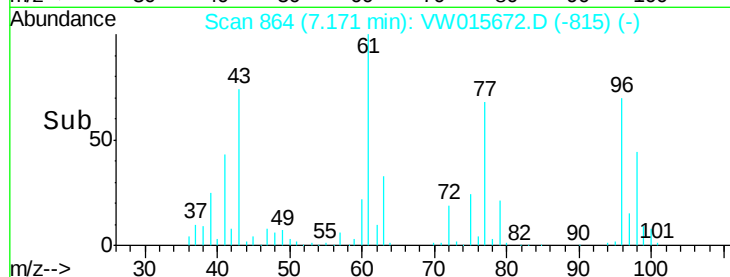
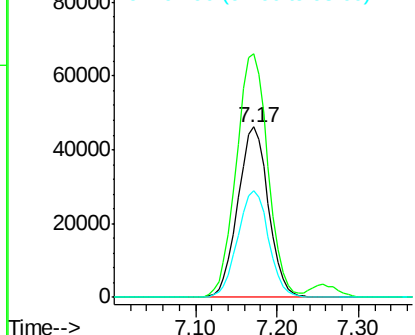
cis-1,2-Dichloroethene
Concen: 49.649 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 120082
Ion Ratio Lower Upper
96 100
61 147.7 0.0 296.8
98 63.3 0.0 128.0



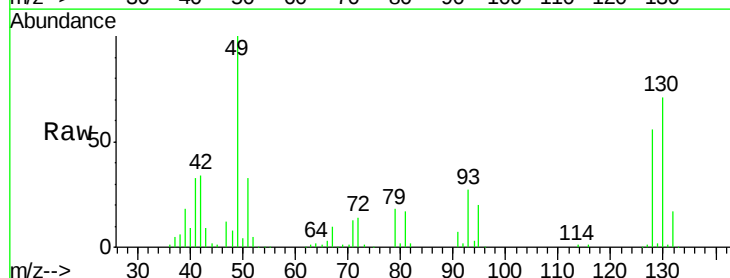
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



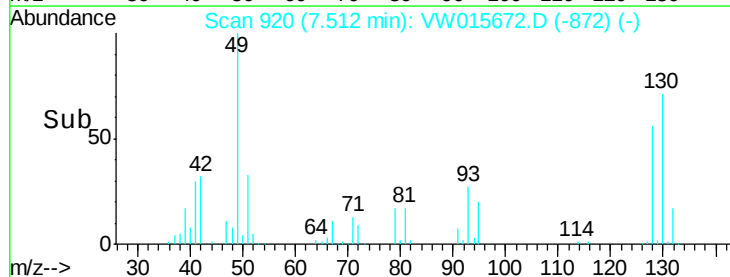
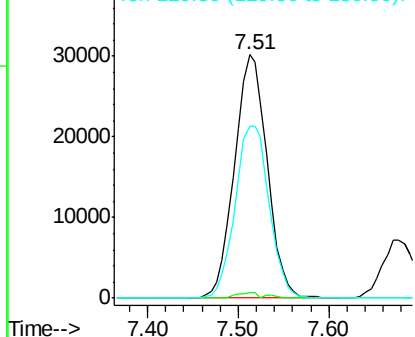
#28

Bromochloromethane
Concen: 49.251 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 49 Resp: 75461
Ion Ratio Lower Upper
49 100
129 1.4 0.0 2.2
130 73.6 61.0 91.4



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

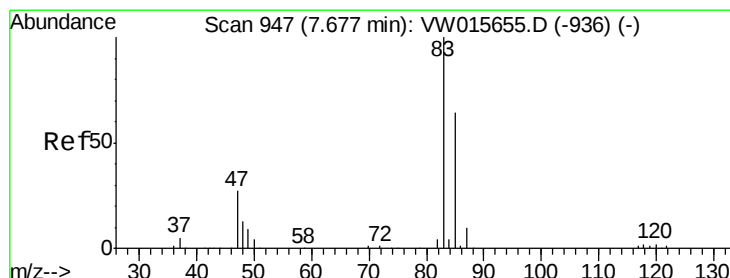
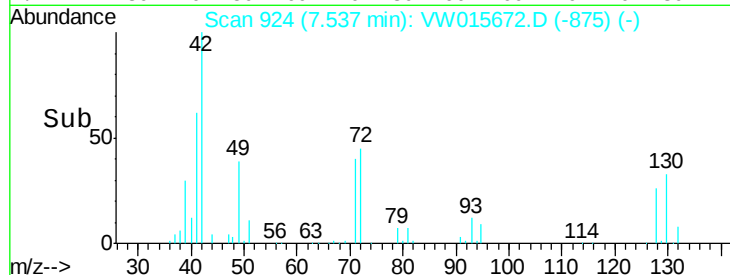
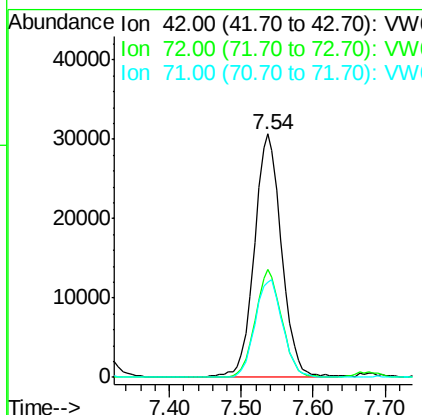
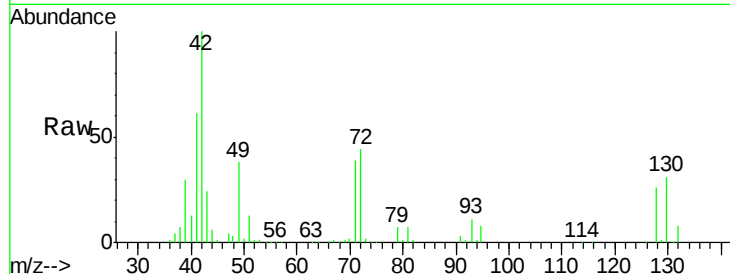




#29
Tetrahydrofuran
Concen: 238.239 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

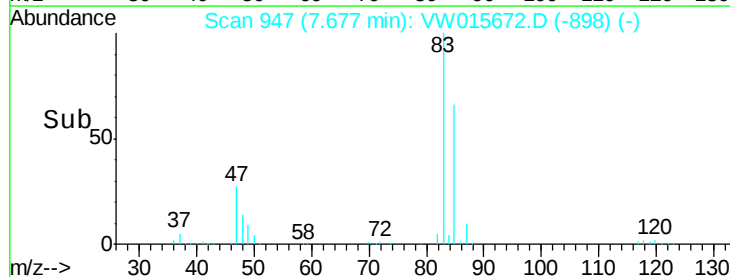
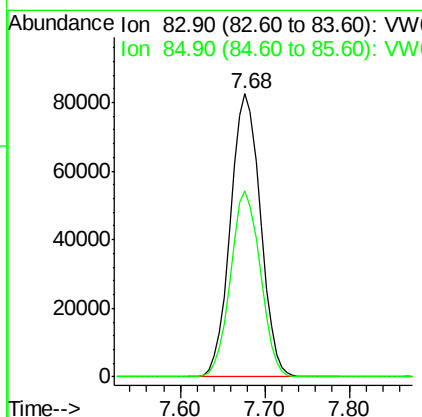
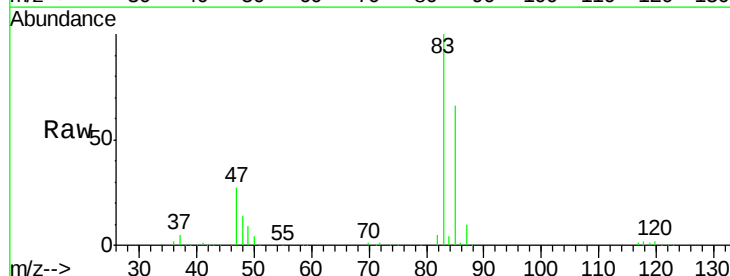
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

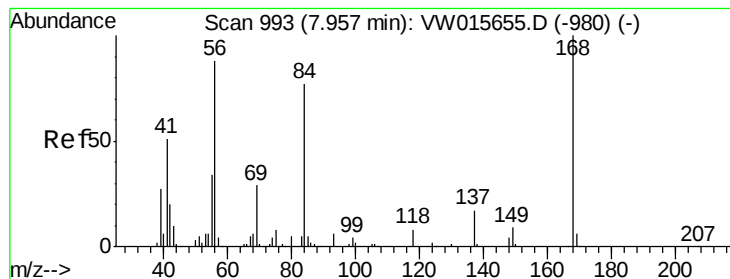
Tgt Ion: 42 Resp: 80457
Ion Ratio Lower Upper
42 100
72 42.9 35.0 52.6
71 40.7 32.6 49.0



#30
Chloroform
Concen: 48.711 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 83 Resp: 198985
Ion Ratio Lower Upper
83 100
85 65.8 51.0 76.4





#31

Cyclohexane

Concen: 47.943 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

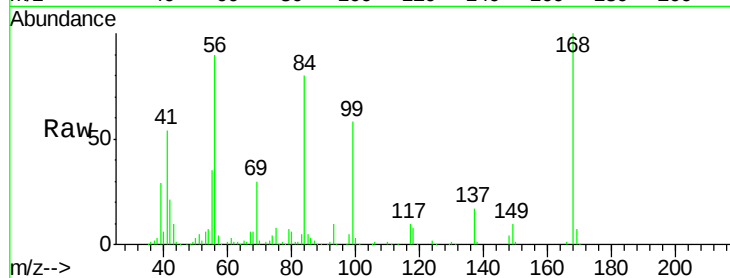
Tgt Ion: 56 Resp: 184724

Ion Ratio Lower Upper

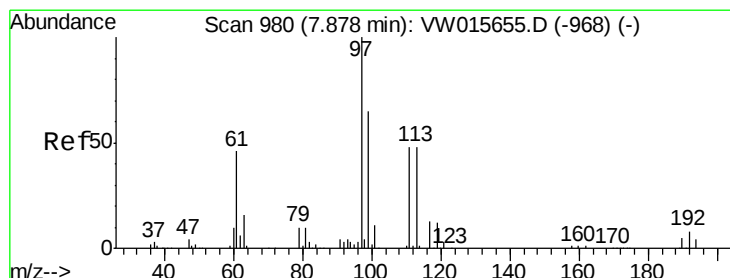
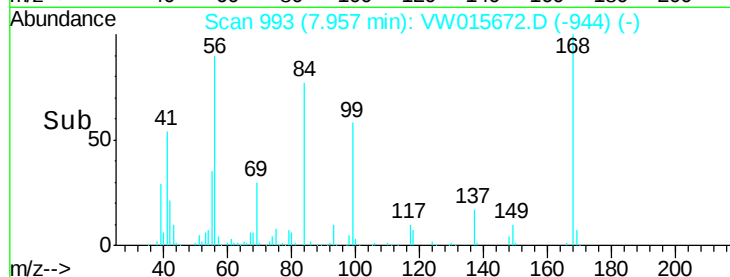
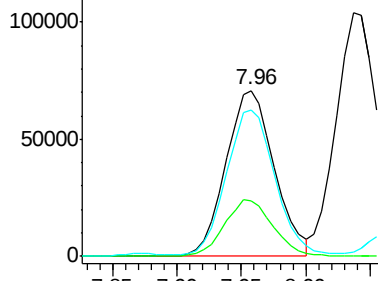
56 100

69 33.6 26.2 39.4

84 87.1 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: 49.853 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

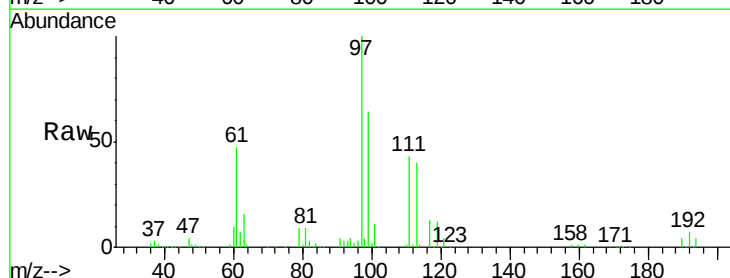
Tgt Ion: 97 Resp: 173594

Ion Ratio Lower Upper

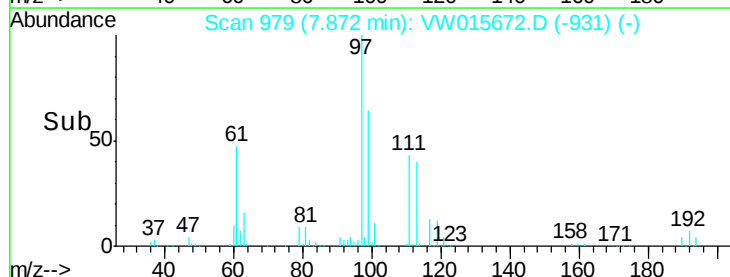
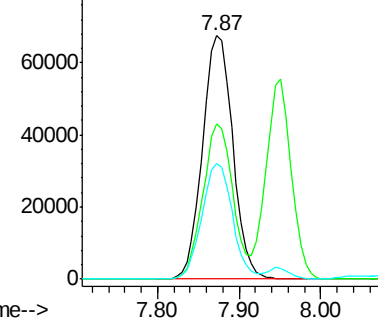
97 100

99 63.8 51.9 77.9

61 47.8 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

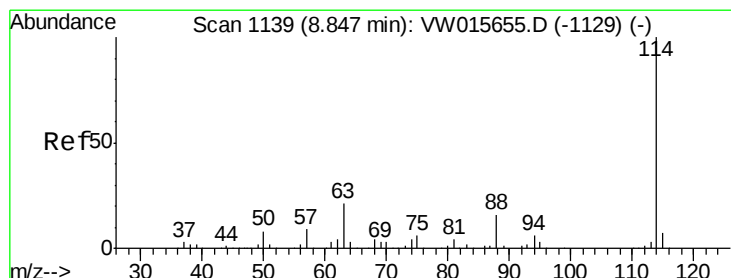
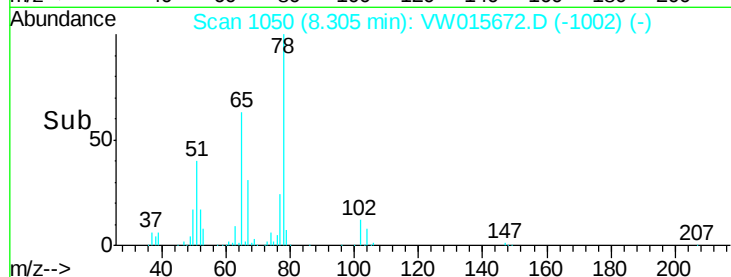
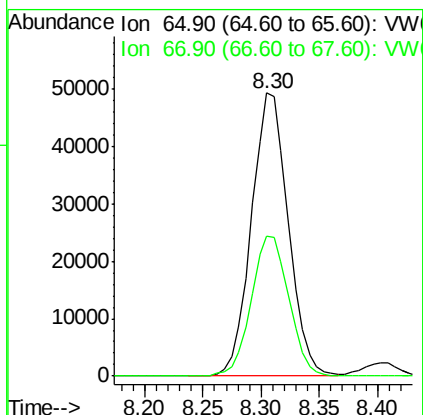
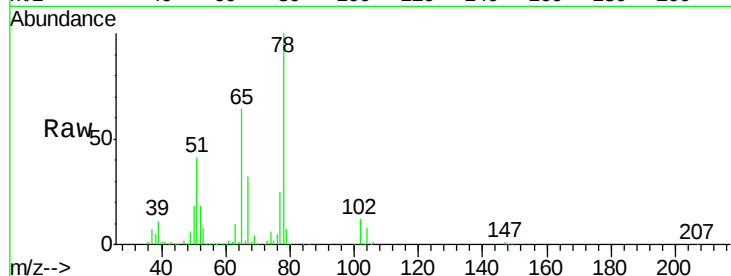




#33
 1,2-Dichloroethane-d4
 Concen: 48.330 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

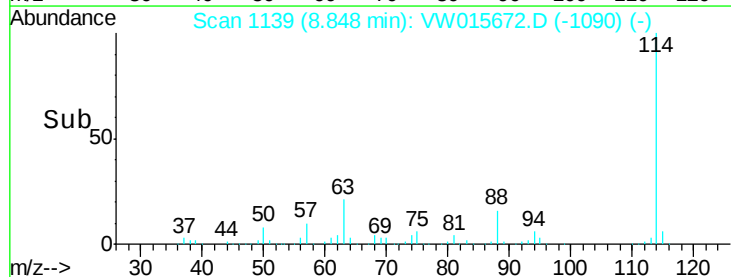
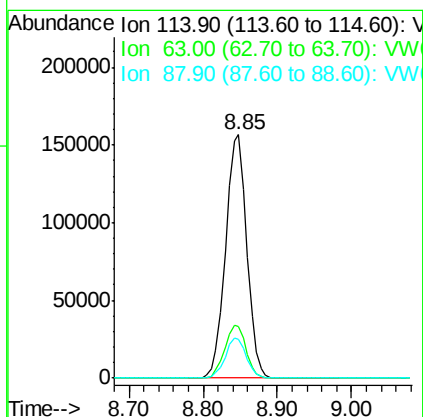
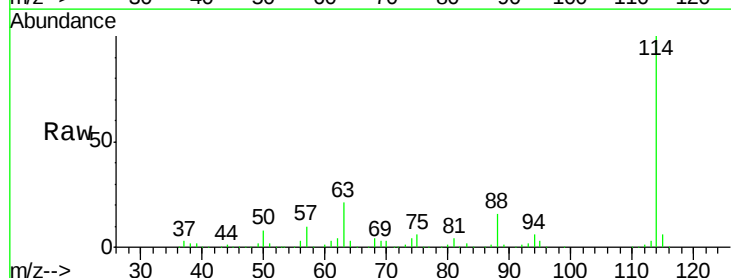
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

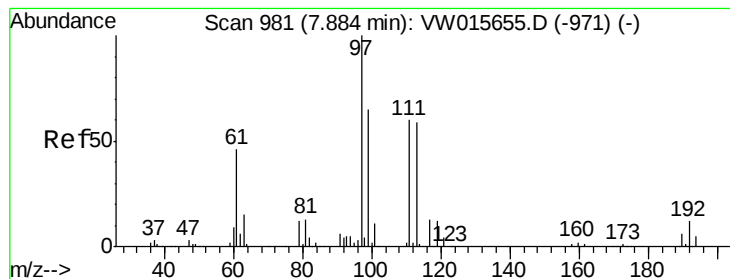
Tgt Ion: 65 Resp: 108104
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion: 114 Resp: 310208
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.315 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

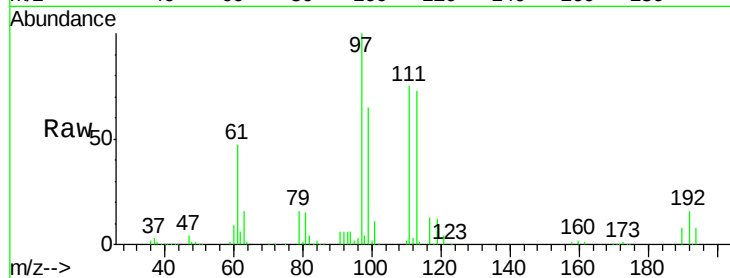
Tgt Ion:113 Resp: 96229

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

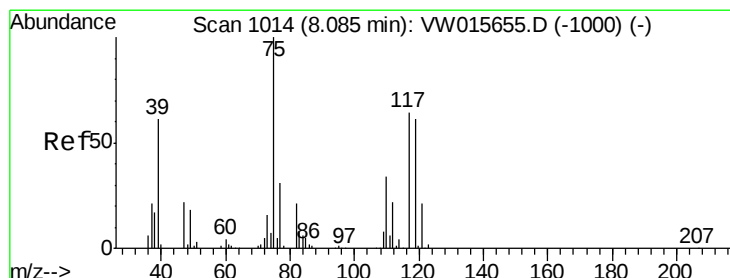
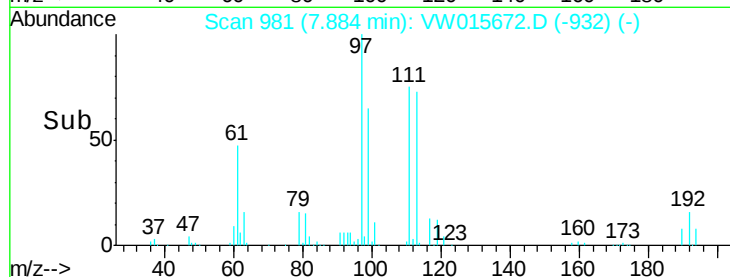
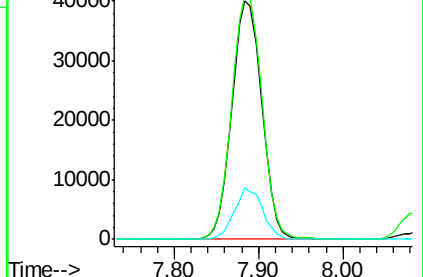
192 20.3 16.4 24.6



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: 51.474 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

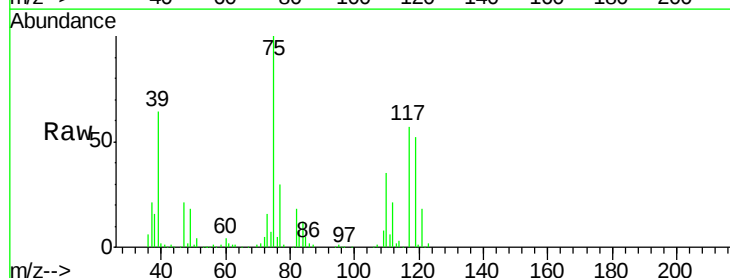
Tgt Ion: 75 Resp: 166078

Ion Ratio Lower Upper

75 100

110 33.7 17.0 51.0

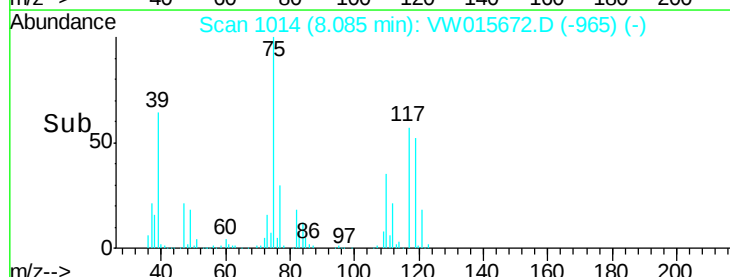
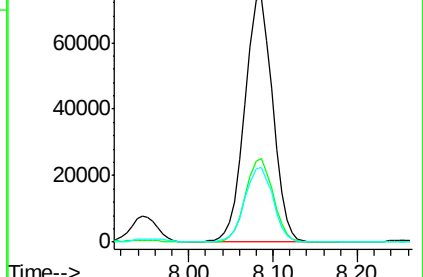
77 30.8 24.6 36.8

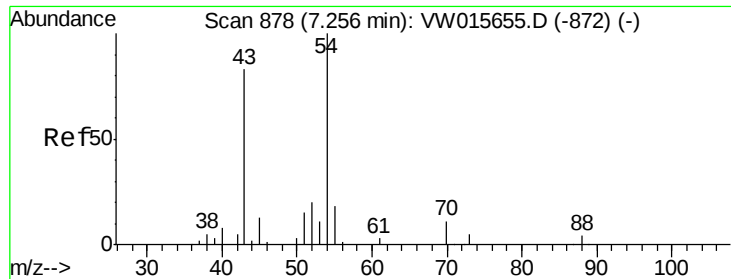


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

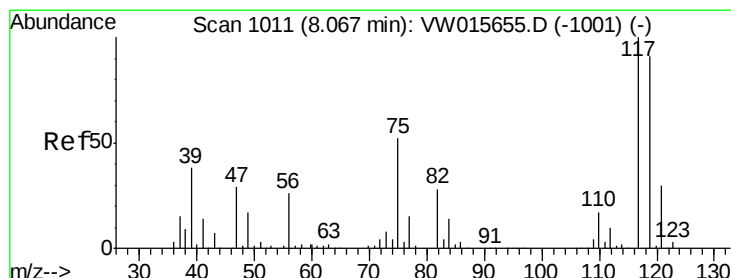
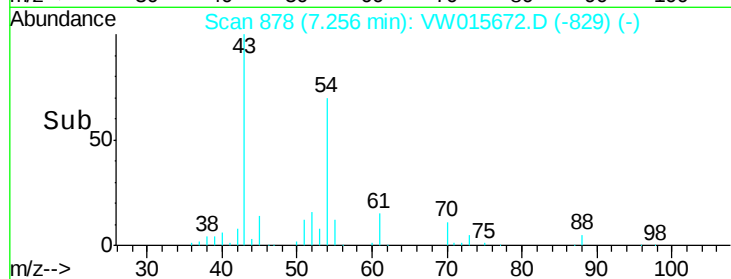
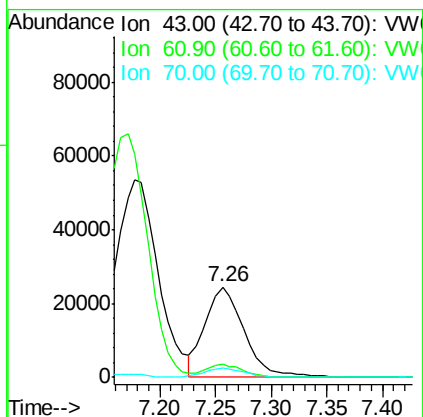
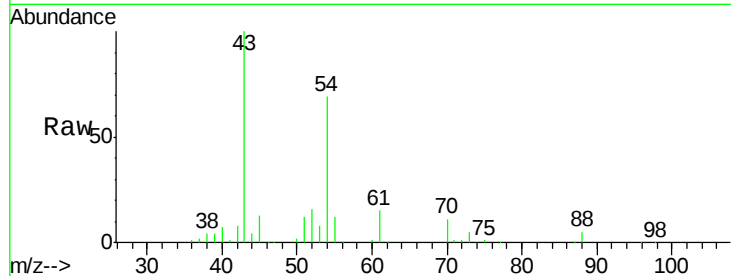




#37
Ethyl Acetate
Concen: 47.624 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

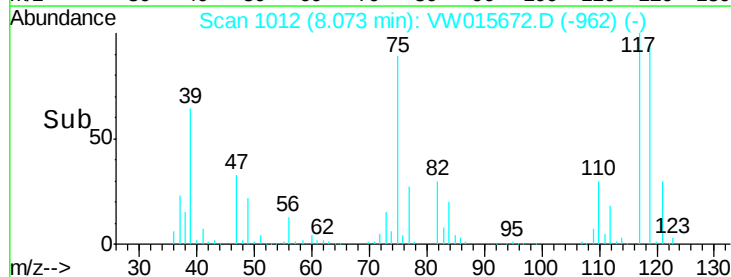
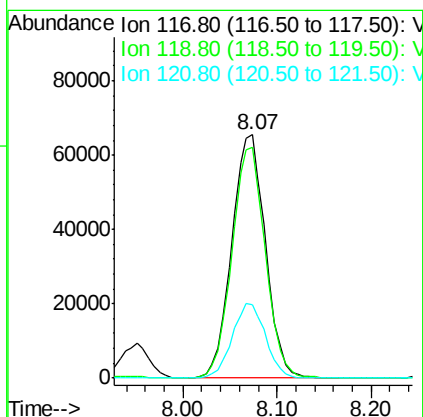
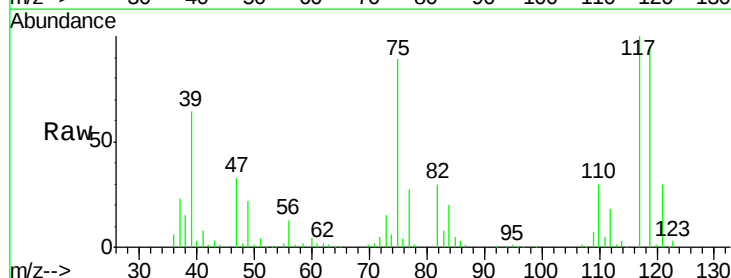
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 58670
Ion Ratio Lower Upper
43 100
61 14.5 10.4 15.6
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 52.078 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 117 Resp: 162880
Ion Ratio Lower Upper
117 100
119 95.0 73.2 109.8
121 30.4 23.9 35.9

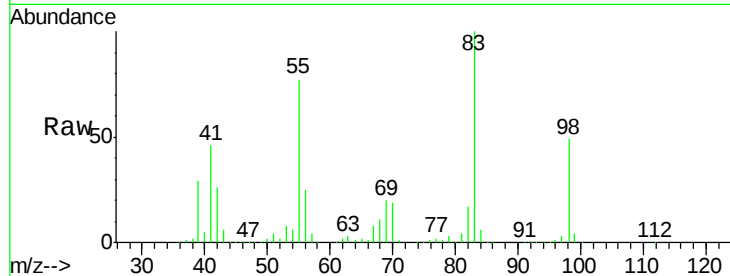




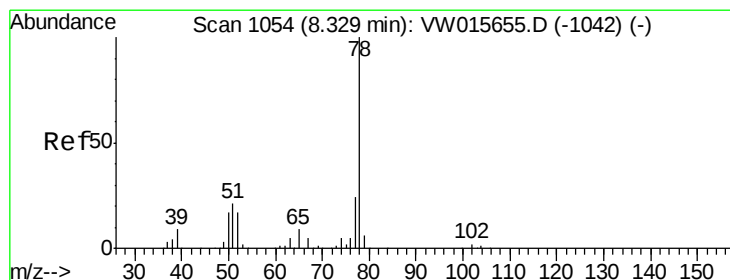
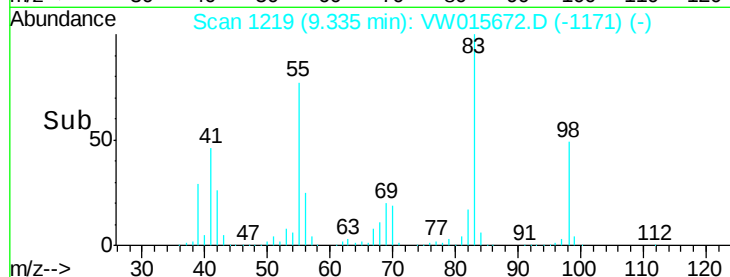
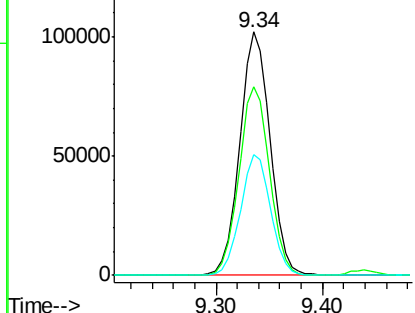
#39
Methylcyclohexane
Concen: 52.193 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 203971
Ion Ratio Lower Upper
83 100
55 77.3 62.8 94.2
98 49.5 39.9 59.9

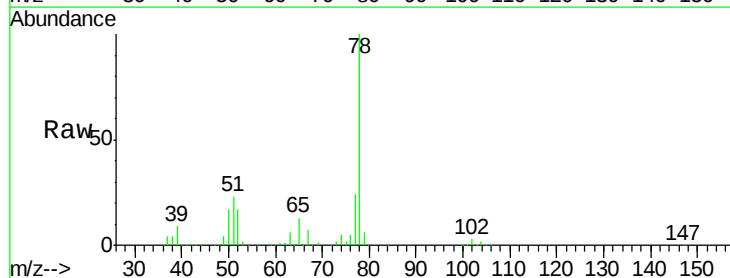


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

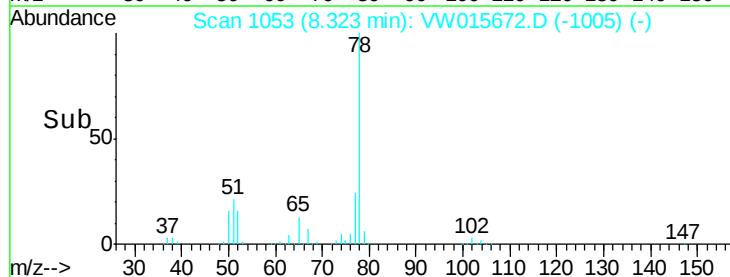
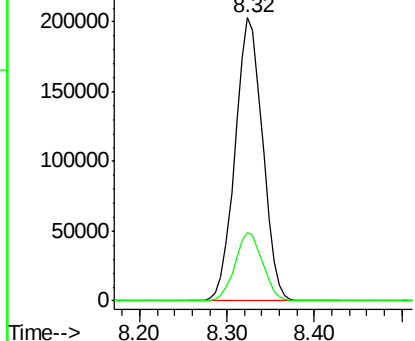


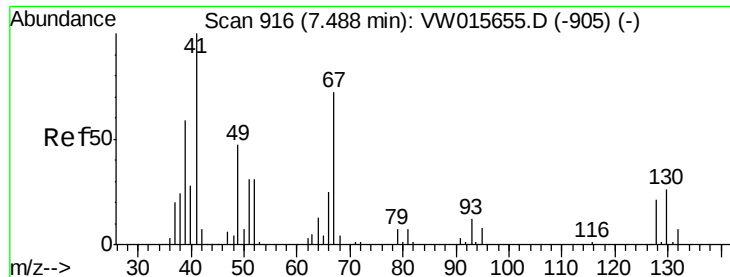
#40
Benzene
Concen: 50.492 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 78 Resp: 442965
Ion Ratio Lower Upper
78 100
77 24.1 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: 53.895 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 38106

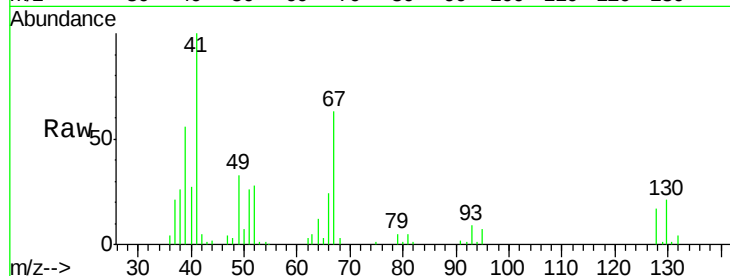
Ion Ratio Lower Upper

41 100

39 52.0 52.0 78.0#

67 64.0 57.5 86.3

52 29.7 26.5 39.7

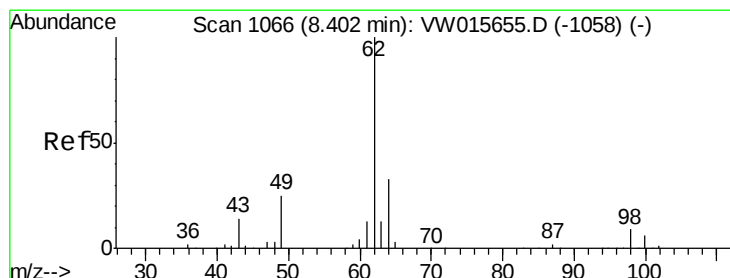
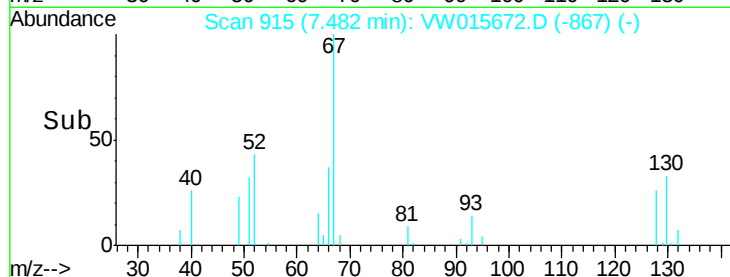
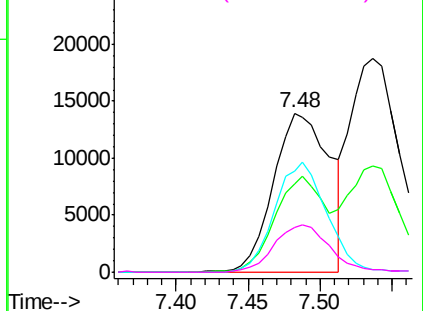


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 50.352 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW015672.D

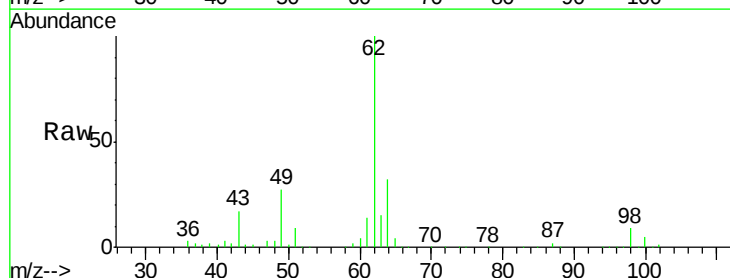
Acq: 24 Jun 2020 10:16

Tgt Ion: 62 Resp: 136659

Ion Ratio Lower Upper

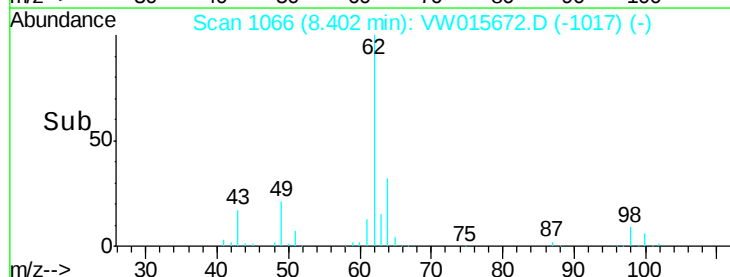
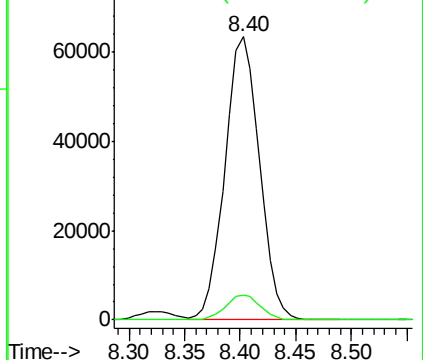
62 100

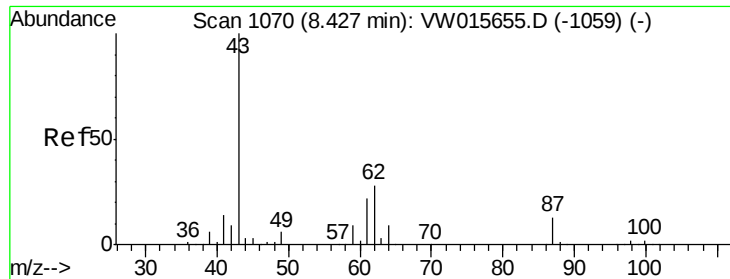
98 8.8 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 49.085 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

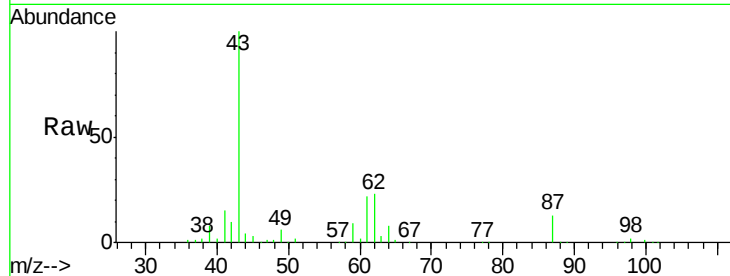
Tgt Ion: 43 Resp: 120673

Ion Ratio Lower Upper

43 100

61 31.1 24.7 37.1

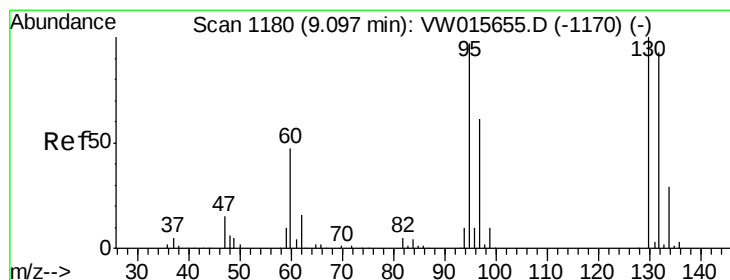
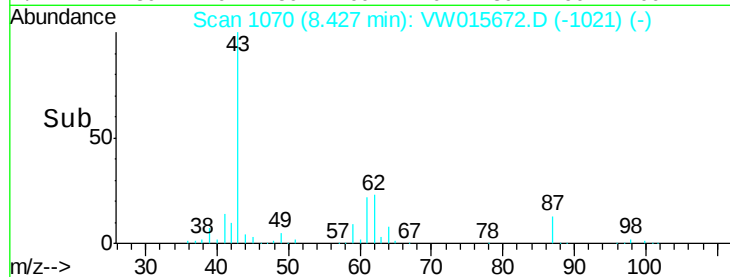
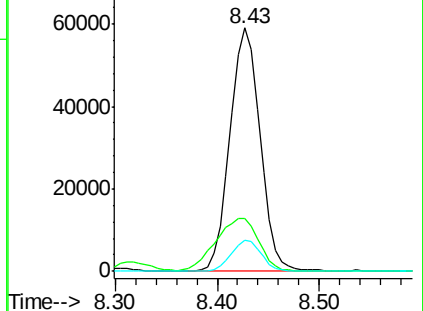
87 12.8 10.2 15.2



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: 48.768 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015672.D

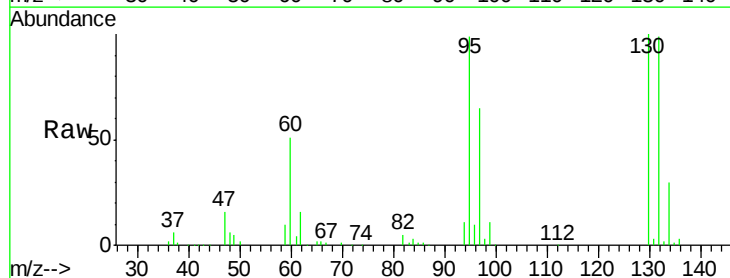
Acq: 24 Jun 2020 10:16

Tgt Ion: 130 Resp: 115321

Ion Ratio Lower Upper

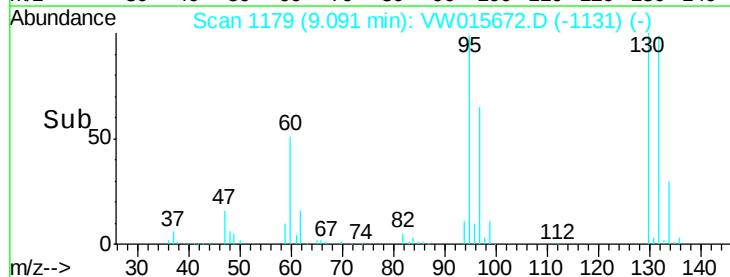
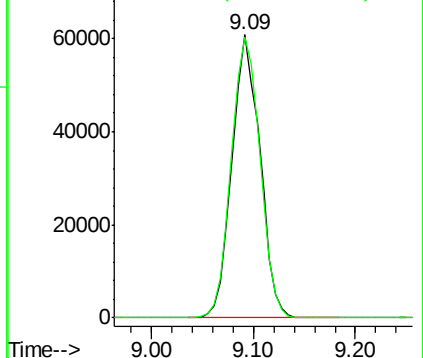
130 100

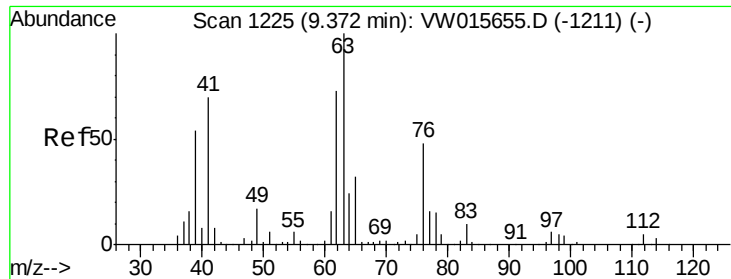
95 99.0 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

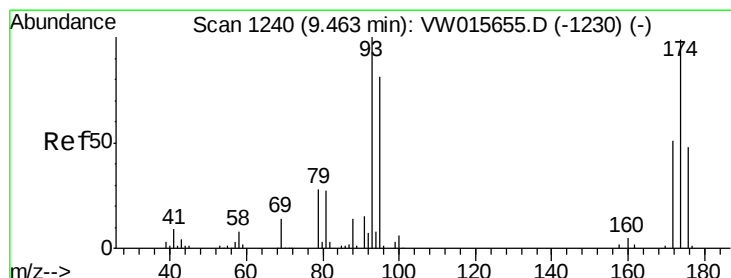
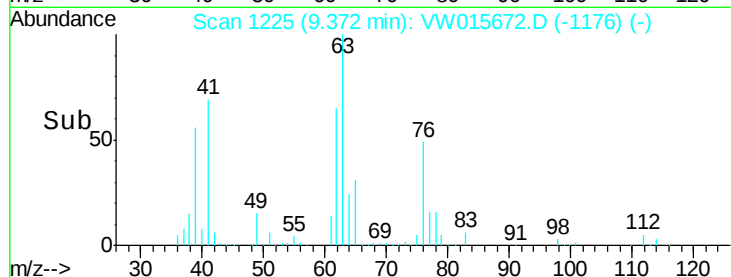
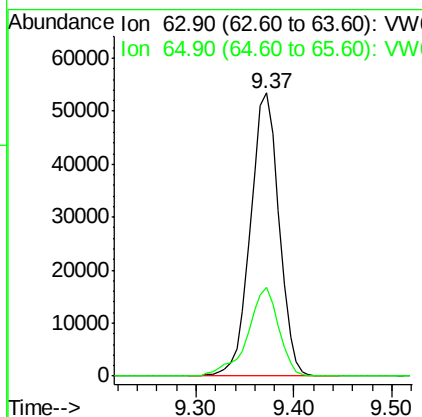
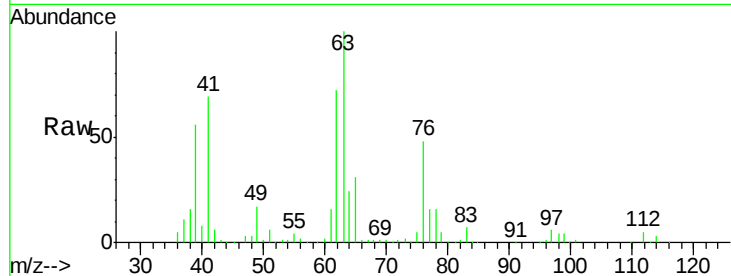




#45
 1,2-Dichloropropane
 Concen: 50.517 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

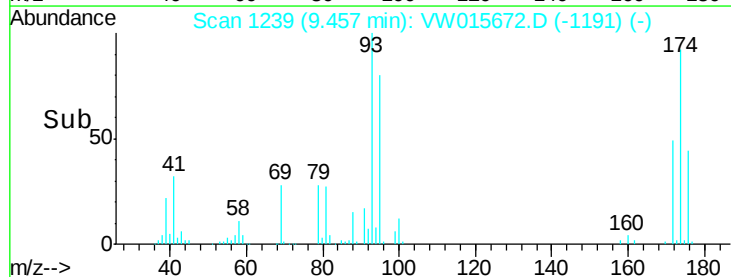
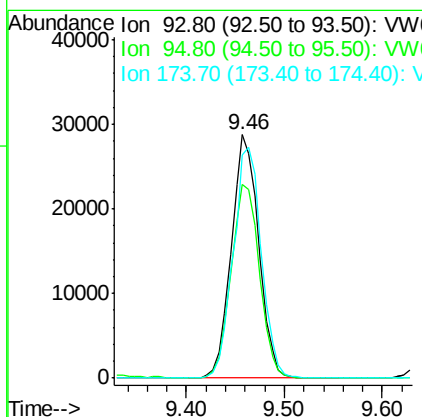
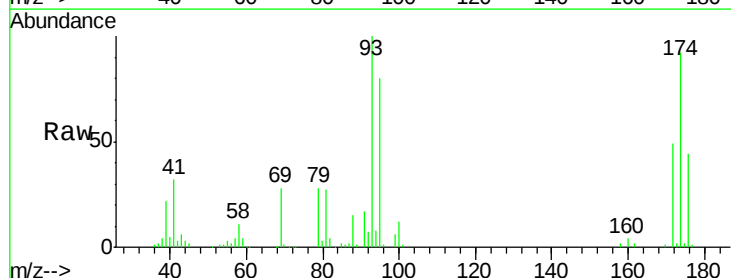
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

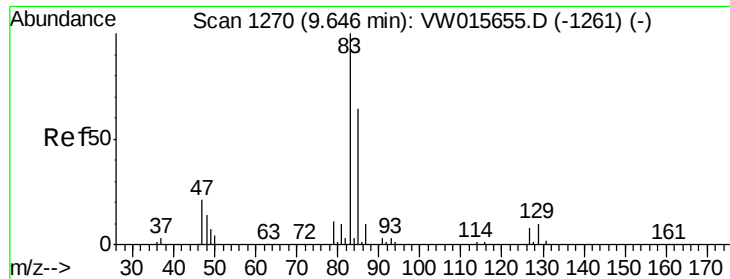
Tgt Ion: 63 Resp: 108329
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.3 37.9



#46
 Dibromomethane
 Concen: 50.170 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion: 93 Resp: 55664
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.7 98.5
 174 97.7 79.0 118.6





#47

Bromodichloromethane

Concen: 50.874 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

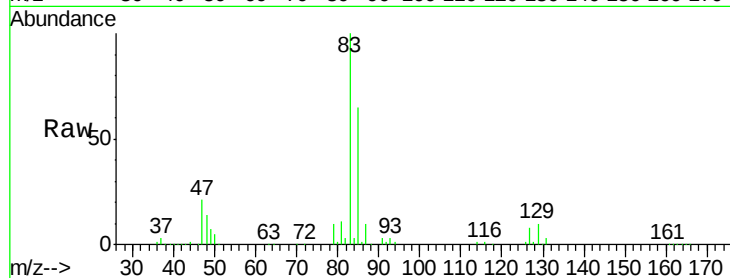
Tgt Ion: 83 Resp: 147233

Ion Ratio Lower Upper

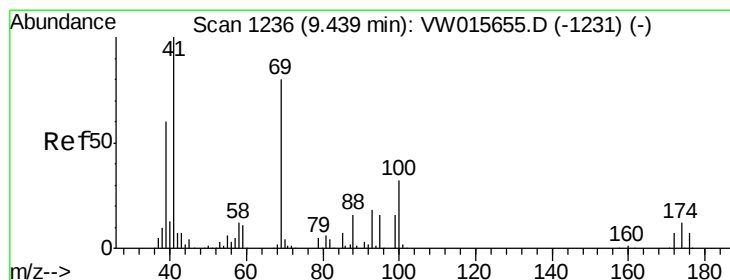
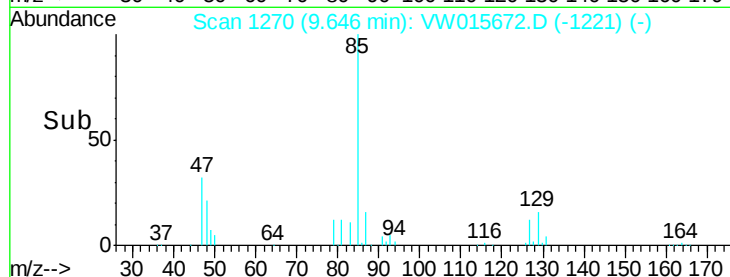
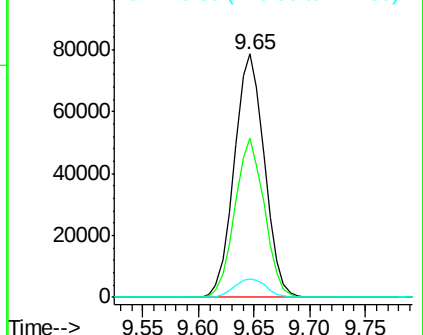
83 100

85 65.3 50.8 76.2

127 7.8 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: 50.128 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

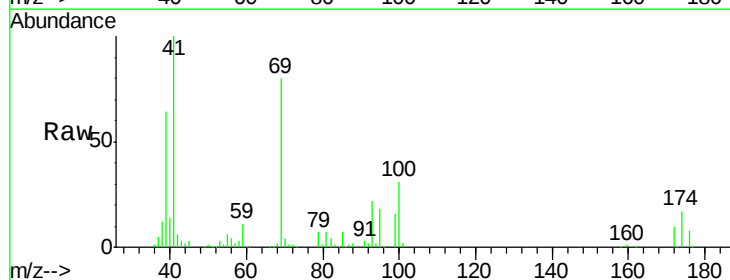
Tgt Ion: 41 Resp: 56342

Ion Ratio Lower Upper

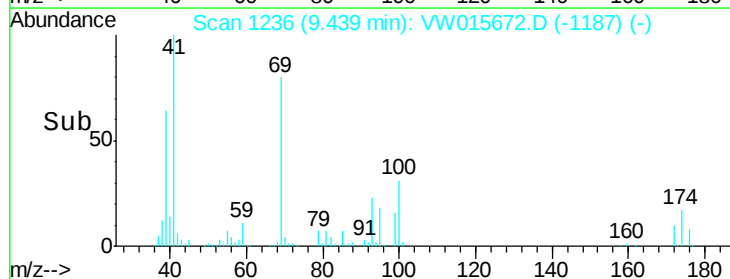
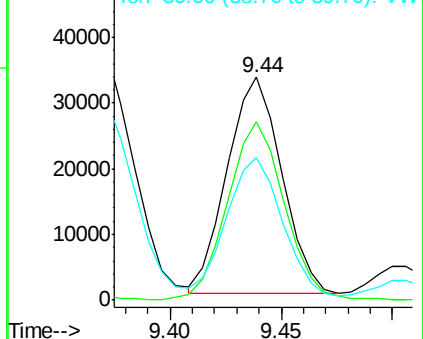
41 100

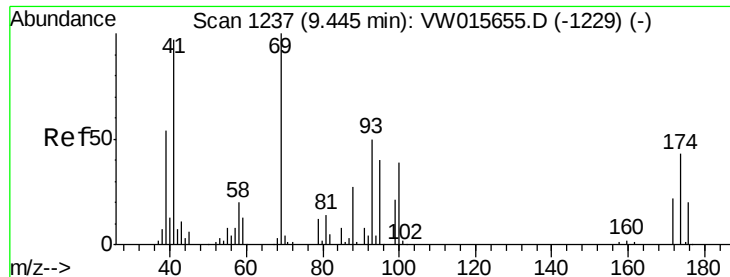
69 86.1 68.2 102.2

39 63.8 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: 996.715 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

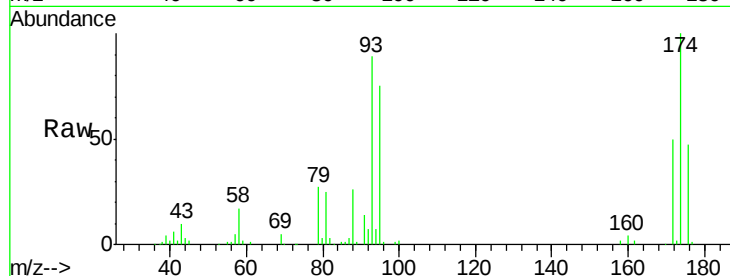
Tgt Ion: 88 Resp: 14507

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

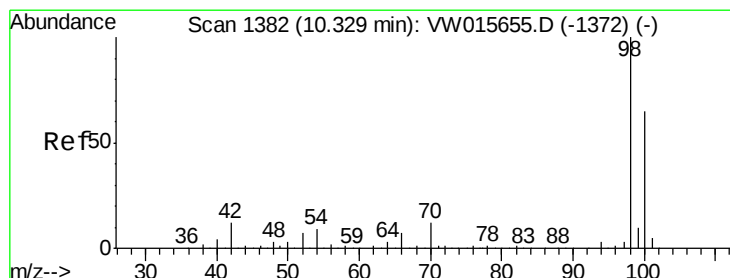
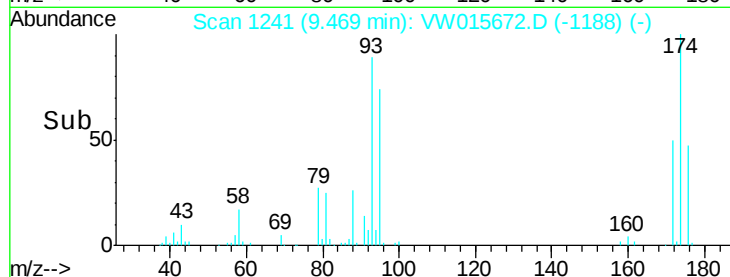
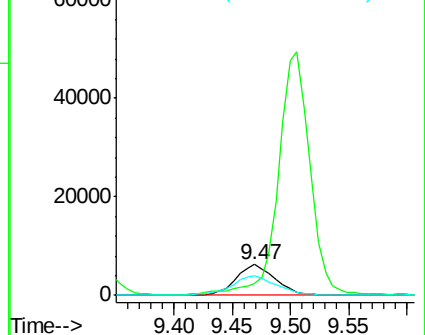
58 72.8 56.1 84.1



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: 50.197 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015672.D

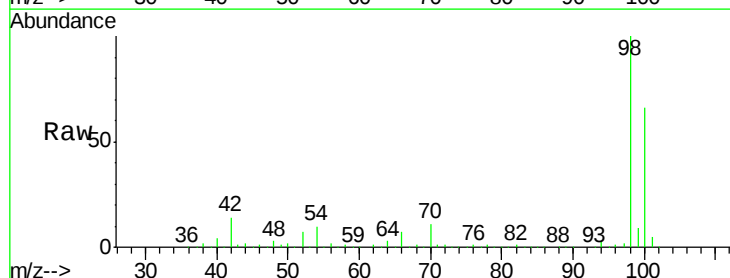
Acq: 24 Jun 2020 10:16

Tgt Ion: 98 Resp: 385468

Ion Ratio Lower Upper

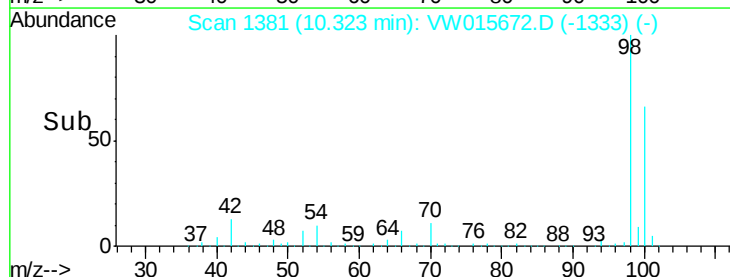
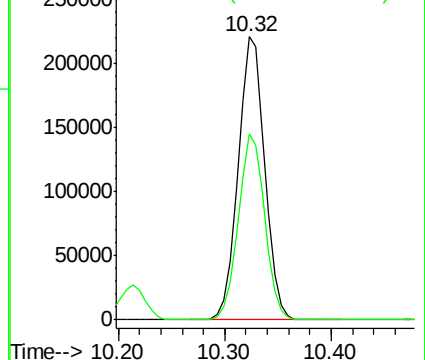
98 100

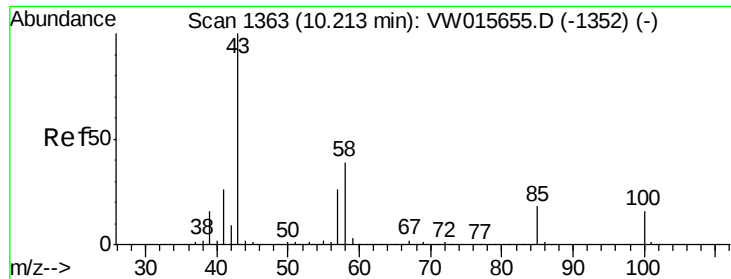
100 65.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

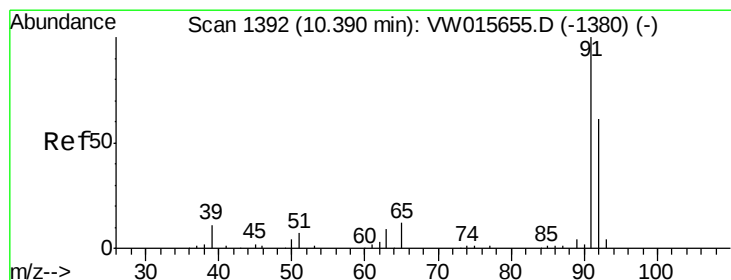
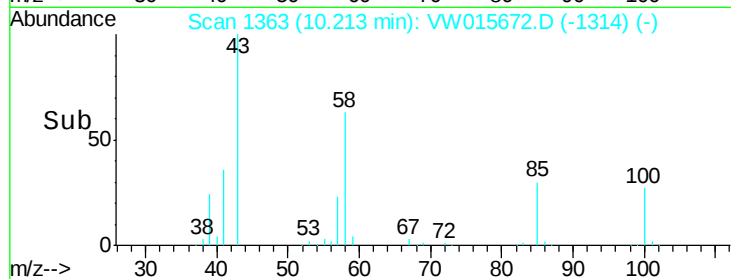
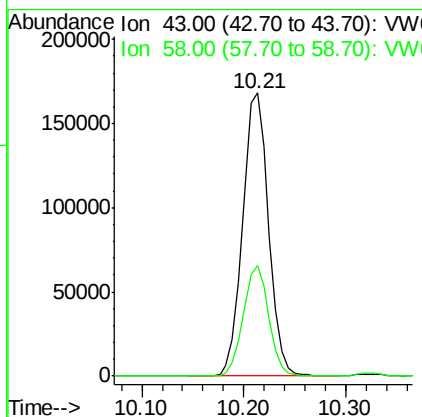
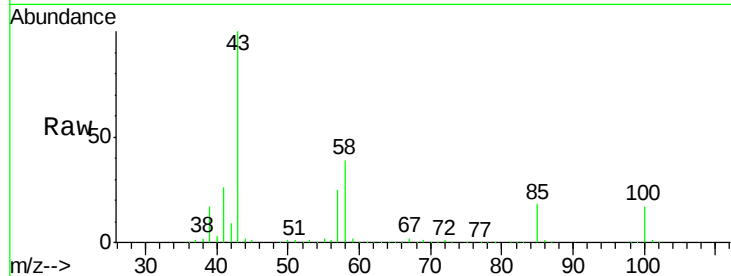




#51
4-Methyl-2-Pentanone
Concen: 249.452 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

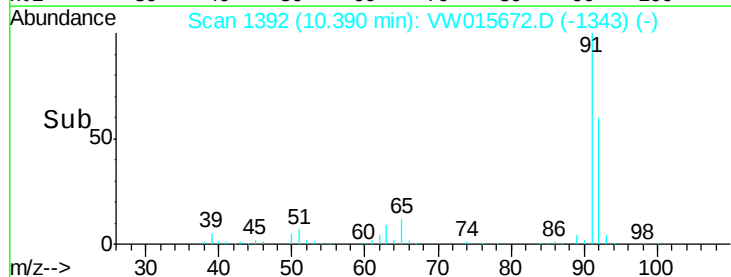
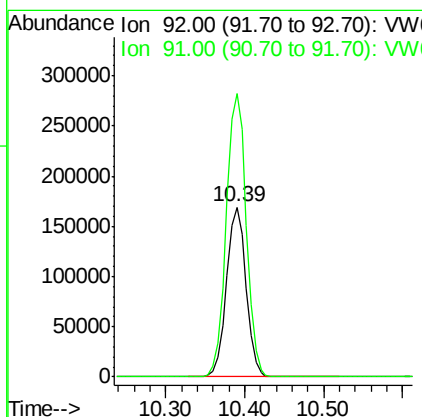
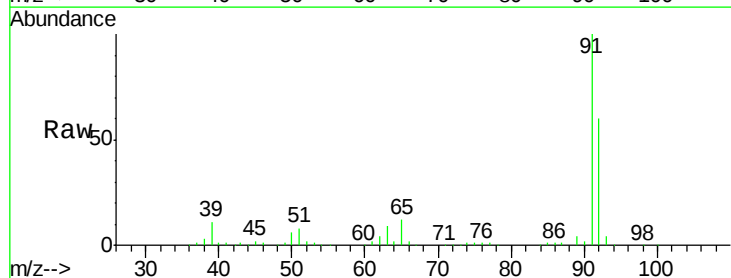
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

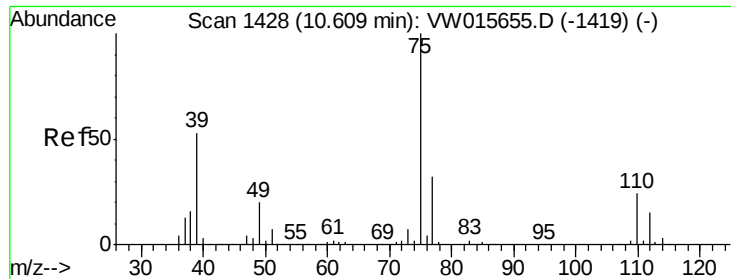
Tgt Ion: 43 Resp: 295746
Ion Ratio Lower Upper
43 100
58 38.4 31.2 46.8



#52
Toluene
Concen: 51.414 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 92 Resp: 291250
Ion Ratio Lower Upper
92 100
91 170.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.245 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

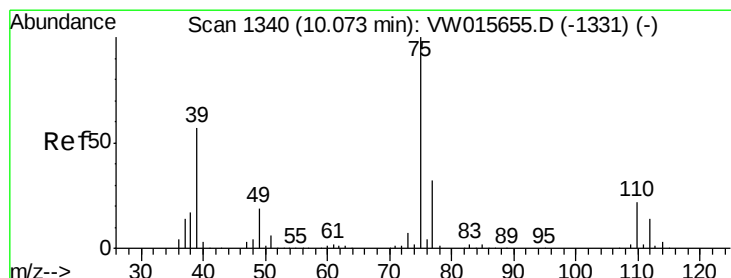
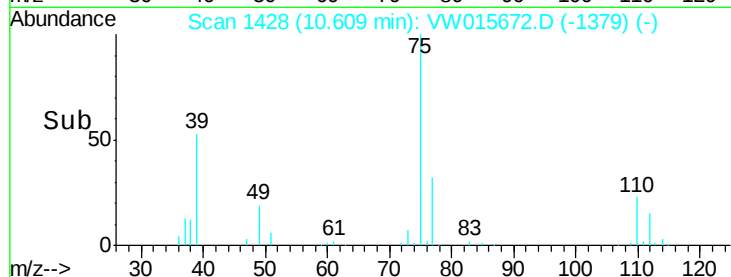
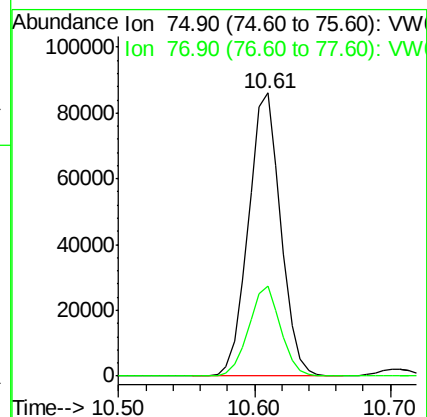
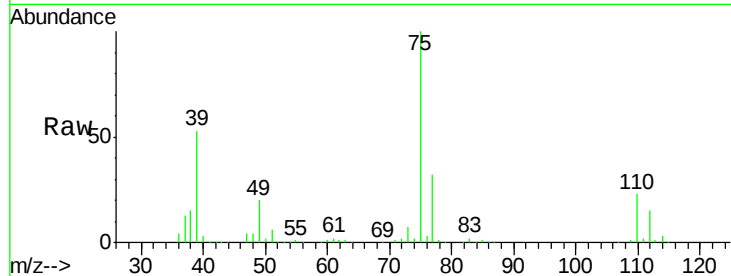
VSTDCCC050

Tgt Ion: 75 Resp: 143273

Ion Ratio Lower Upper

75 100

77 31.7 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: VW015672.D

Acq: 24 Jun 2020 10:16

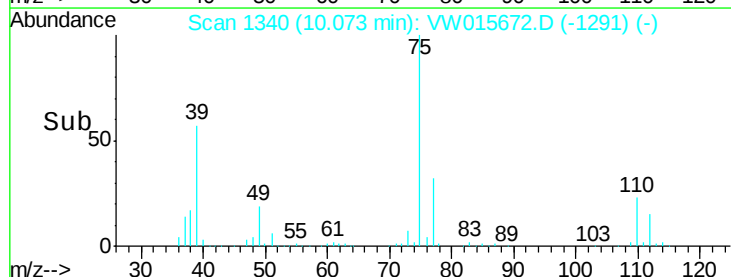
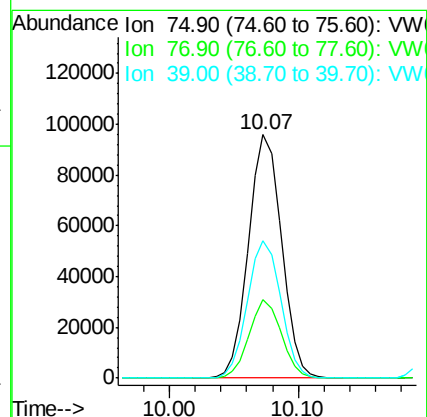
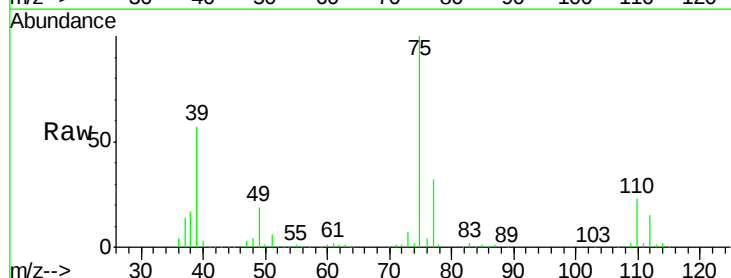
Tgt Ion: 75 Resp: 169928

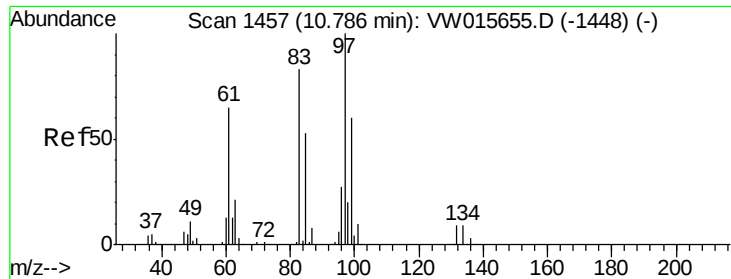
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

39 56.5 45.8 68.6

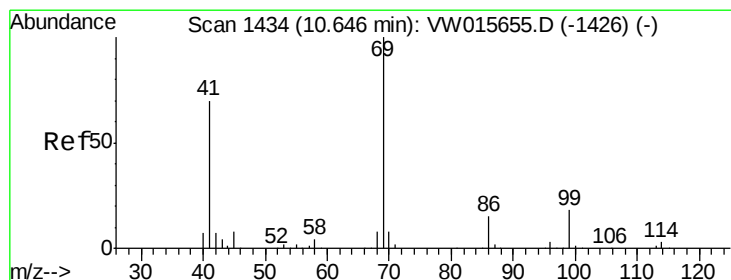
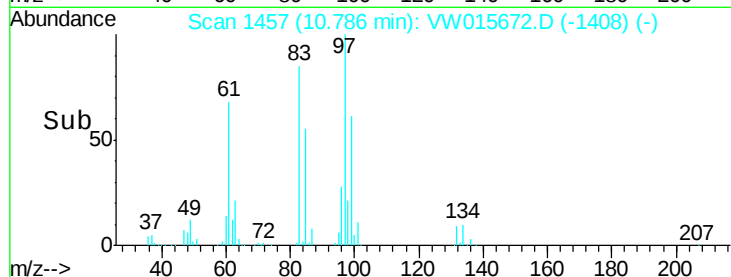
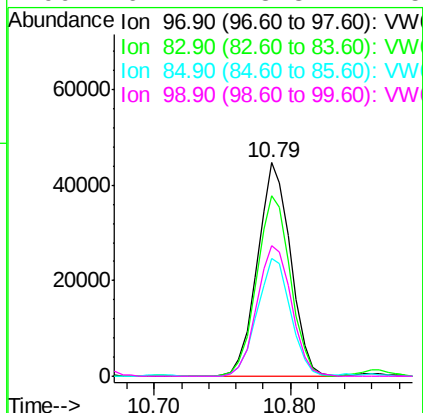
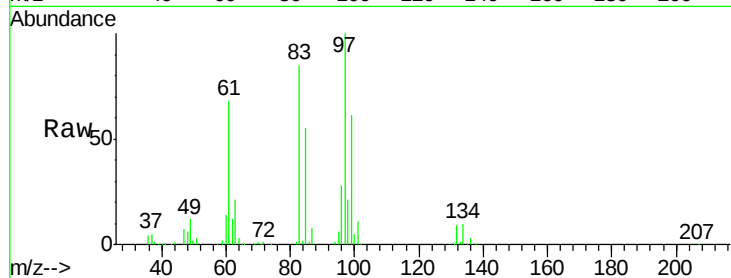




#55
 1,1,2-Trichloroethane
 Concen: 49.694 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

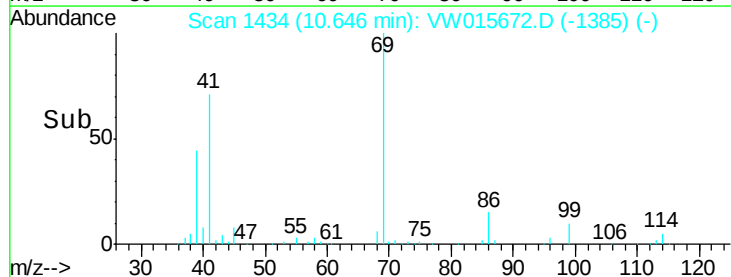
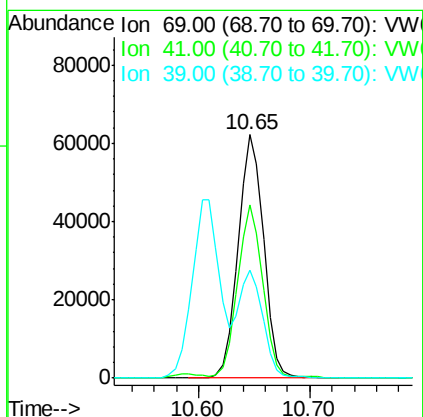
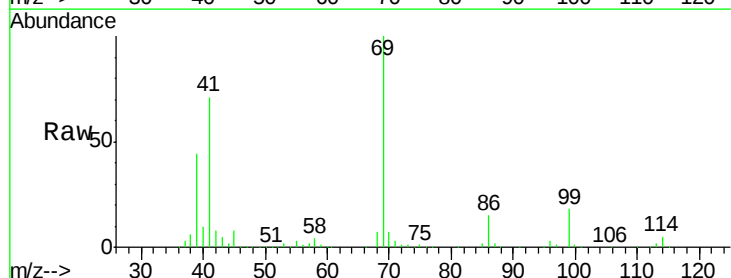
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

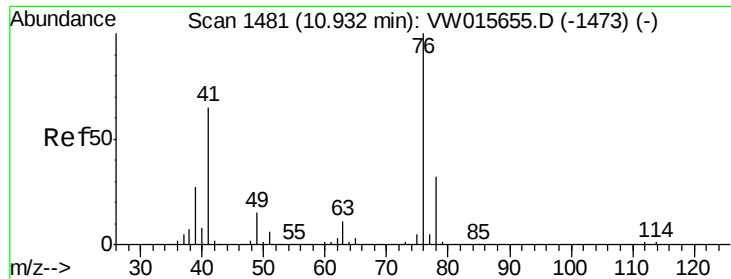
Tgt Ion:	97	Resp:	76659
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.3	99.5
85	55.1	42.5	63.7
99	61.4	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 51.339 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion:	69	Resp:	98540
Ion	Ratio	Lower	Upper
69	100		
41	70.4	55.8	83.6
39	43.0	29.5	44.3

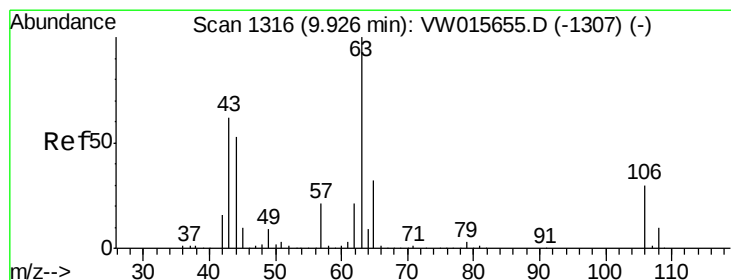
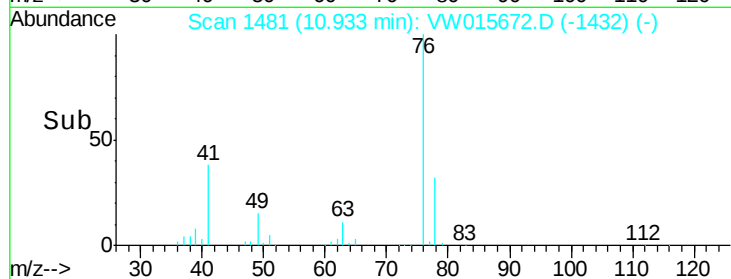
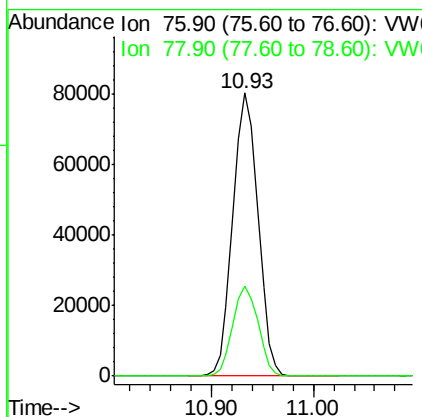
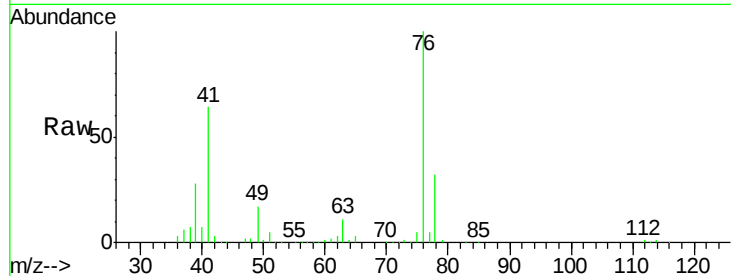




#57
 1,3-Dichloropropane
 Concen: 50.251 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

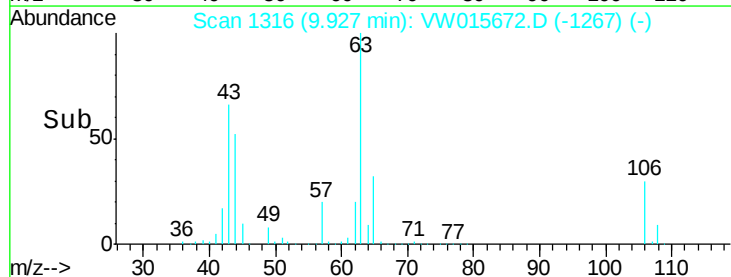
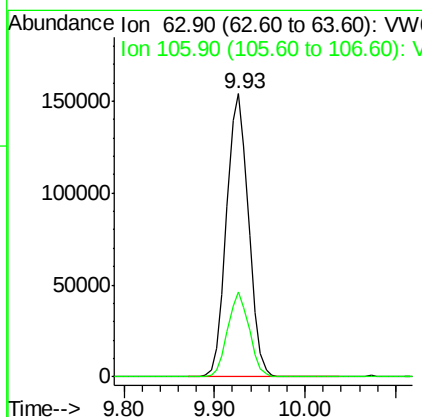
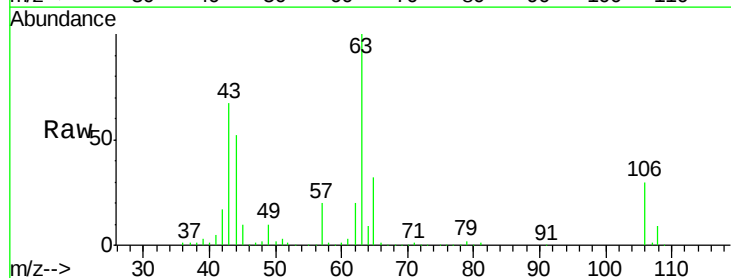
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

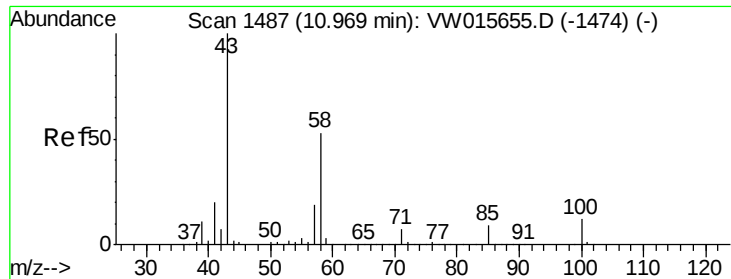
Tgt Ion: 76 Resp: 137426
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.044 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion: 63 Resp: 258908
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.3 34.9

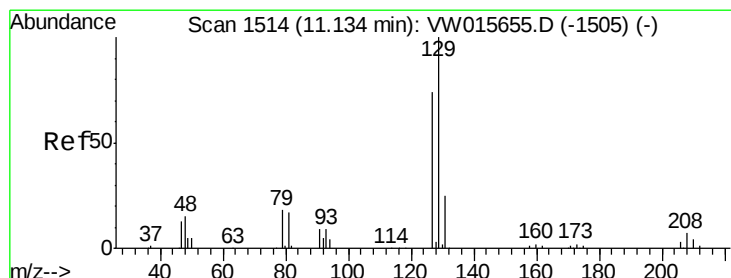
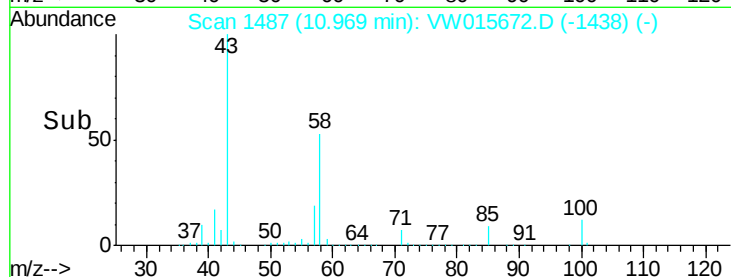
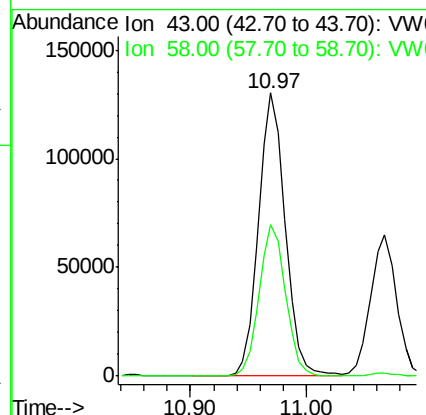
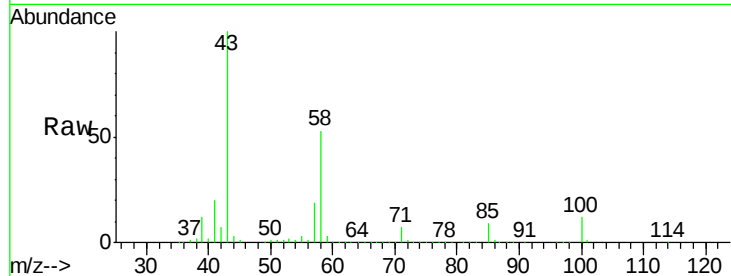




#59
2-Hexanone
Concen: 259.641 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

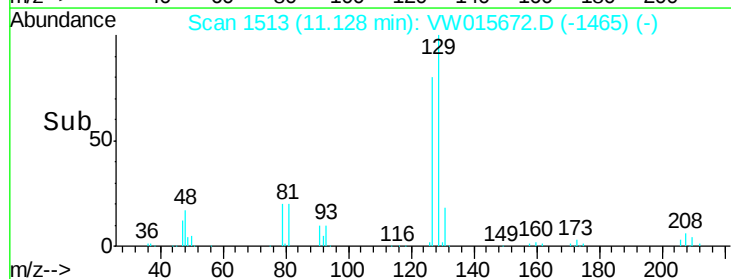
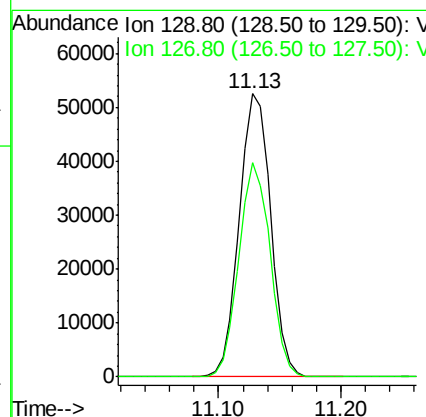
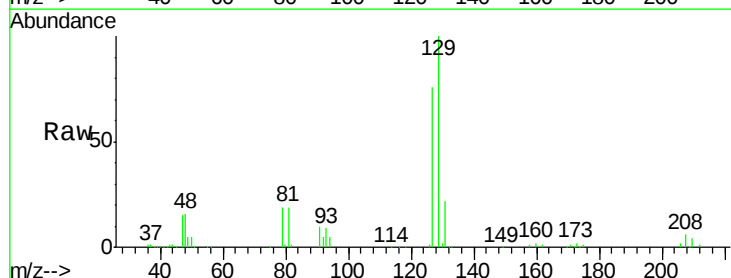
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

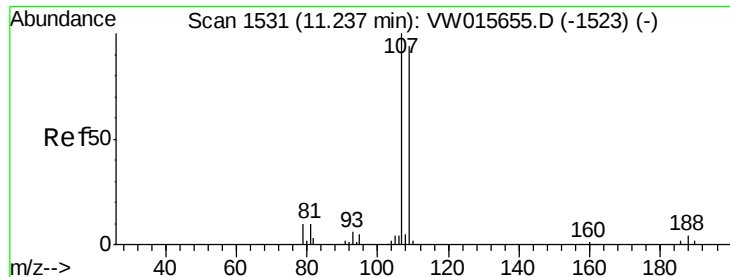
Tgt Ion: 43 Resp: 209566
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.4



#60
Dibromochloromethane
Concen: 52.018 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 129 Resp: 93510
Ion Ratio Lower Upper
129 100
127 75.2 38.0 114.1





#61

1,2-Dibromoethane

Concen: 50.330 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

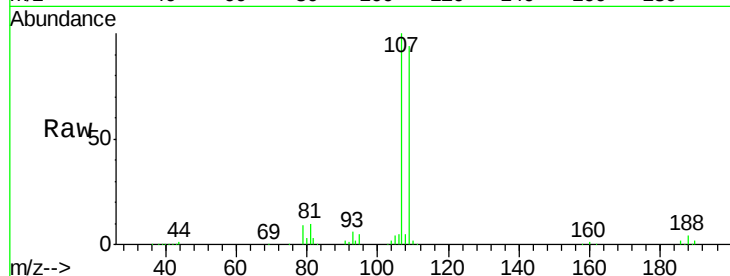
VSTDCCC050

Tgt Ion: 107 Resp: 74214

Ion Ratio Lower Upper

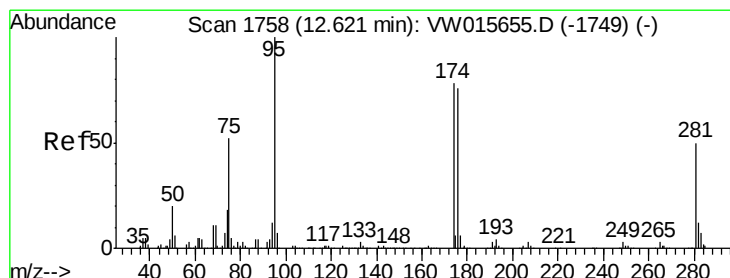
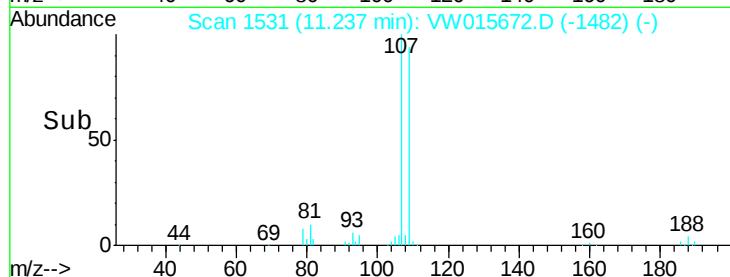
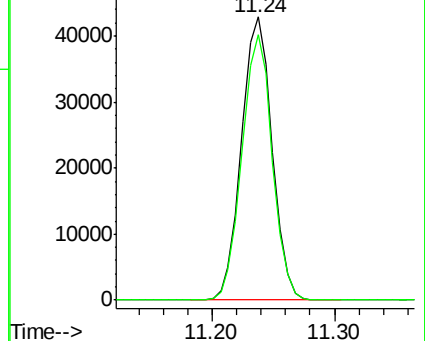
107 100

109 93.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.594 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

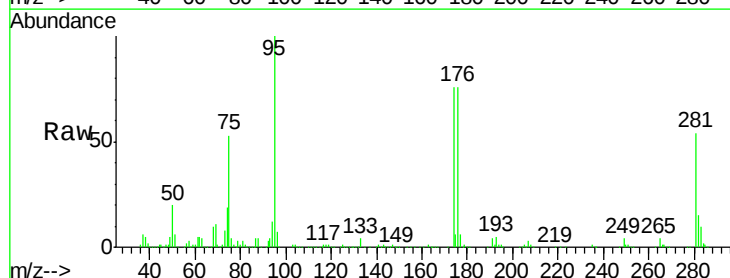
Tgt Ion: 95 Resp: 145909

Ion Ratio Lower Upper

95 100

174 77.2 0.0 157.0

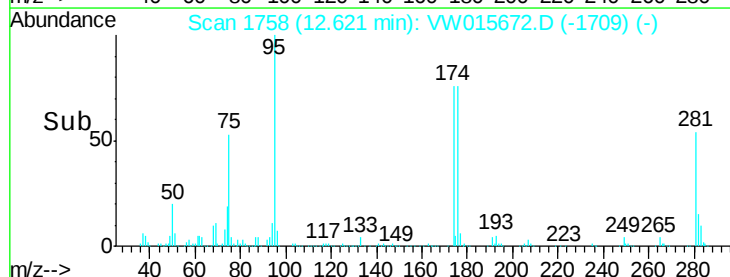
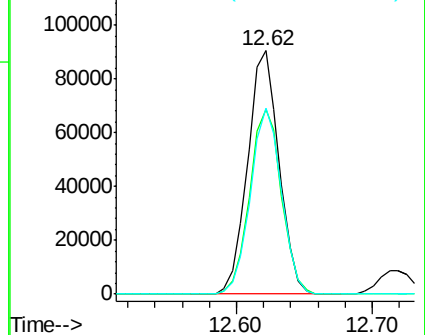
176 75.6 0.0 151.4

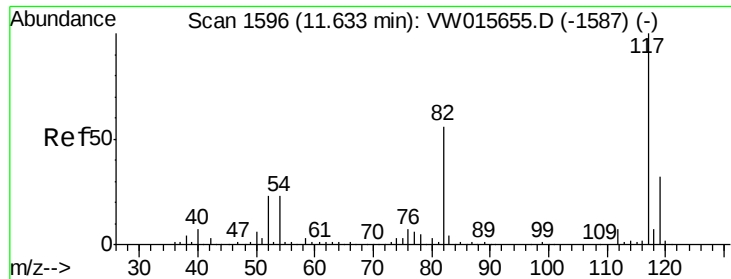


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

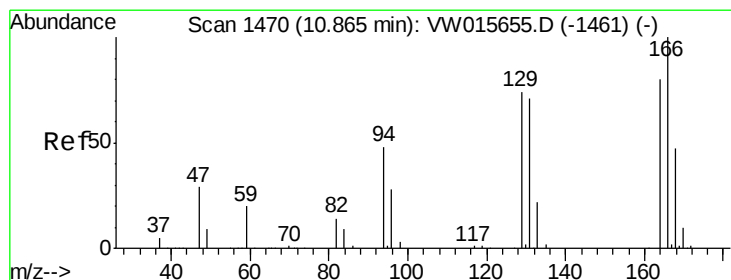
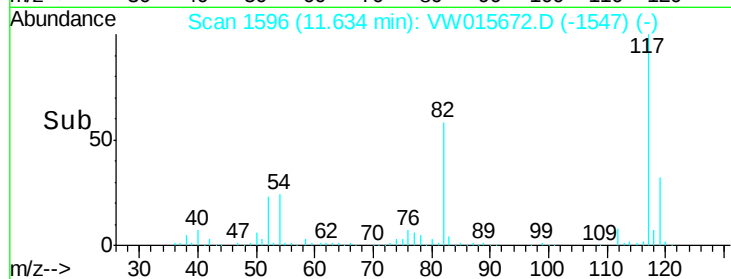
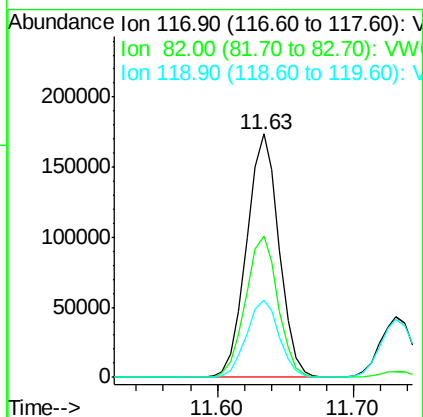
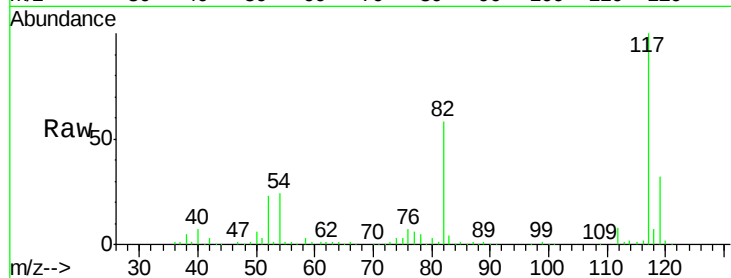




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

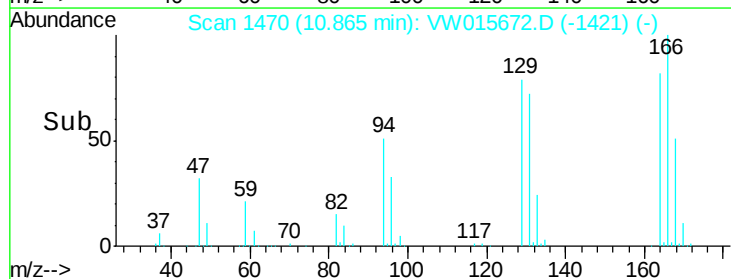
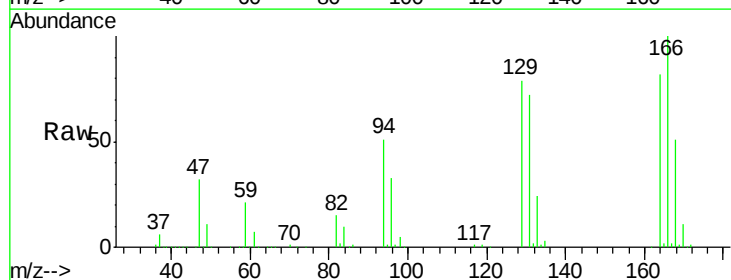
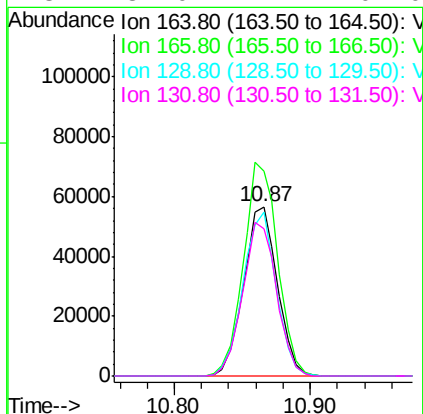
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

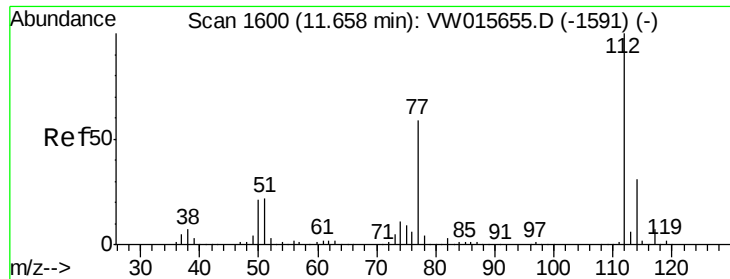
Tgt Ion:117 Resp: 289349
Ion Ratio Lower Upper
117 100
82 58.0 45.1 67.7
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 48.397 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion:164 Resp: 98380
Ion Ratio Lower Upper
164 100
166 121.5 99.9 149.9
129 96.6 74.2 111.2
131 87.0 71.4 107.0

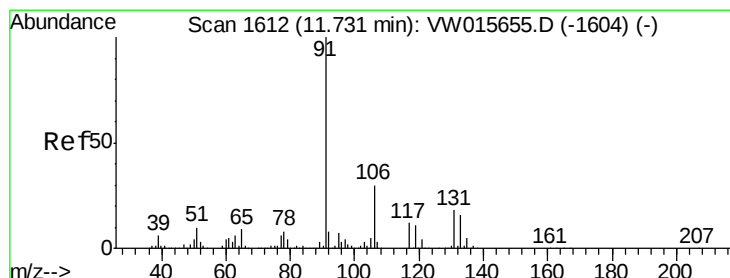
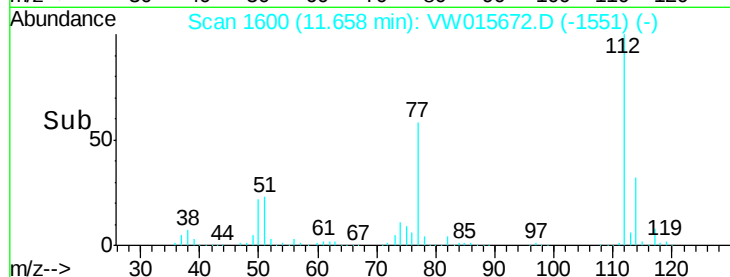
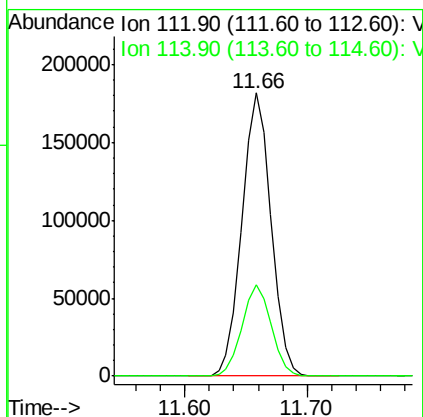
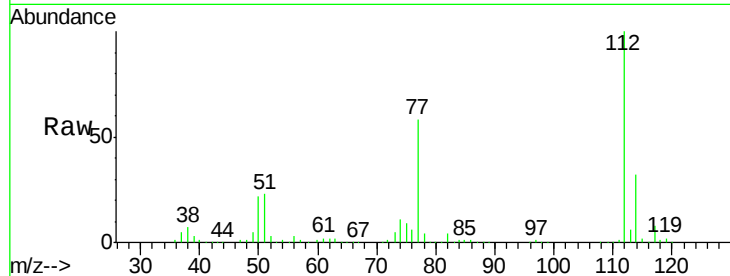




#65
Chlorobenzene
Concen: 49.200 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

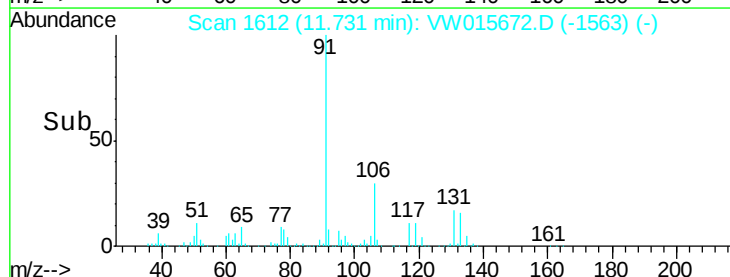
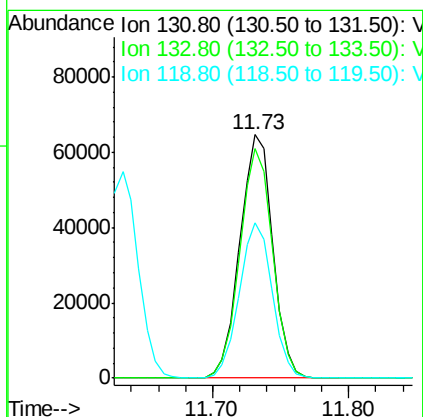
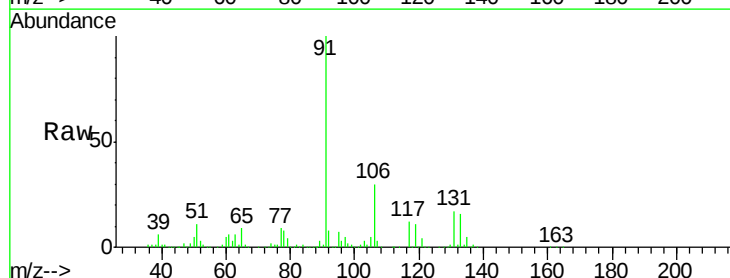
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

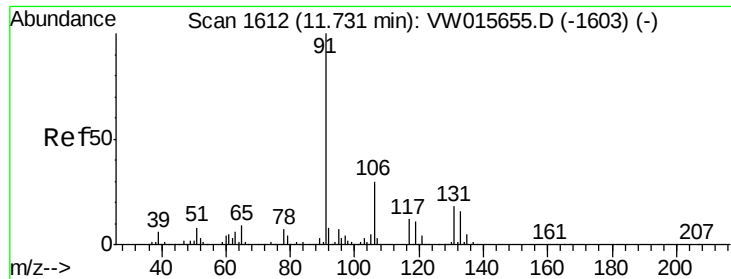
Tgt Ion:112 Resp: 300154
Ion Ratio Lower Upper
112 100
114 32.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.895 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion:131 Resp: 108867
Ion Ratio Lower Upper
131 100
133 94.3 46.5 139.5
119 64.0 32.5 97.5

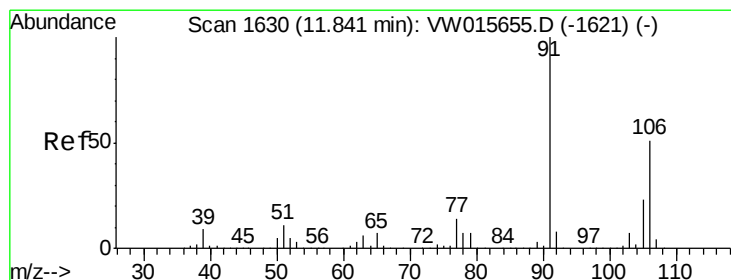
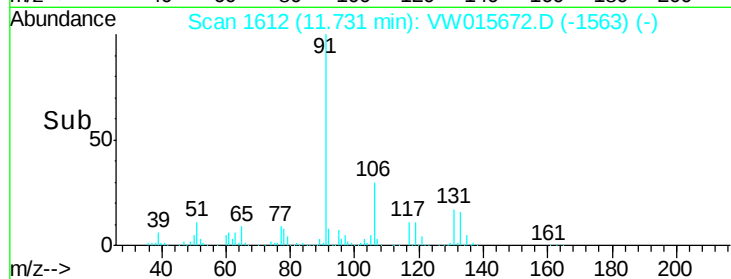
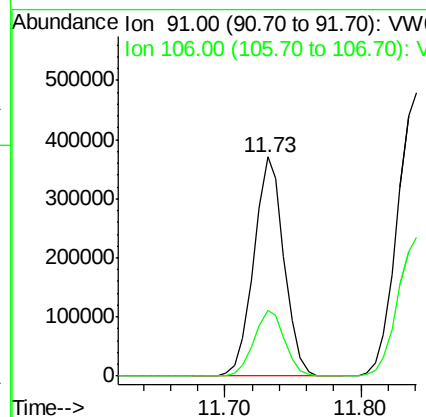
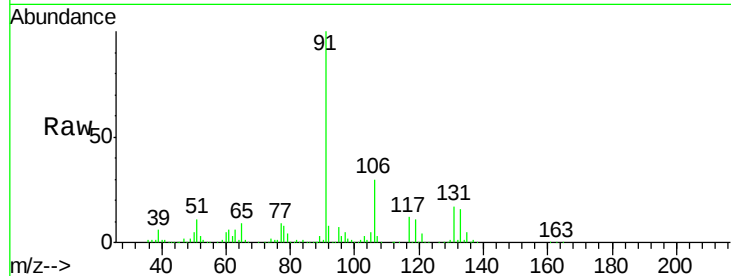




#67
Ethyl Benzene
Concen: 50.745 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

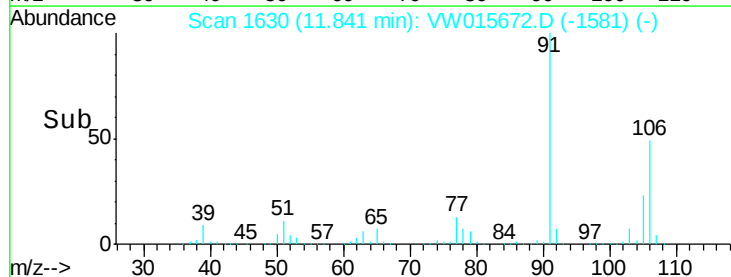
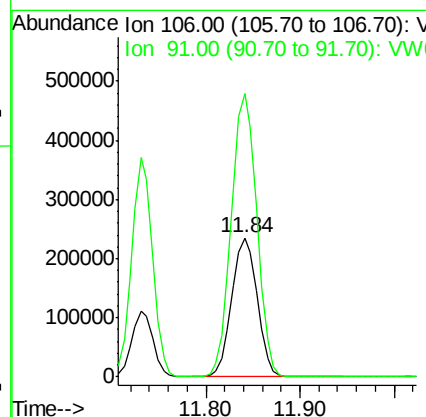
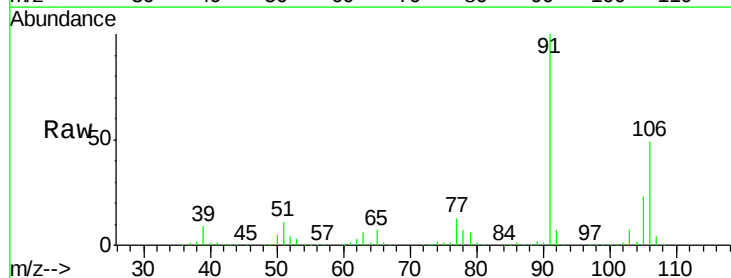
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 576137
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



#68
m/p-Xylenes
Concen: 103.425 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 106 Resp: 440929
Ion Ratio Lower Upper
106 100
91 203.8 162.6 244.0

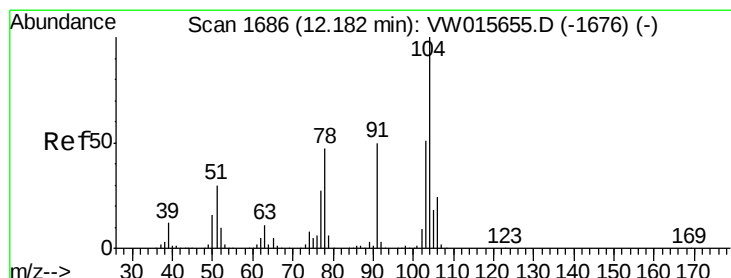
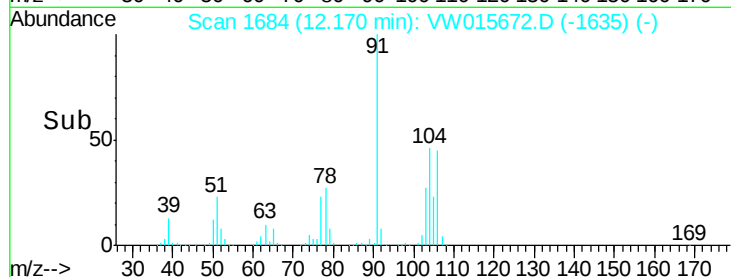
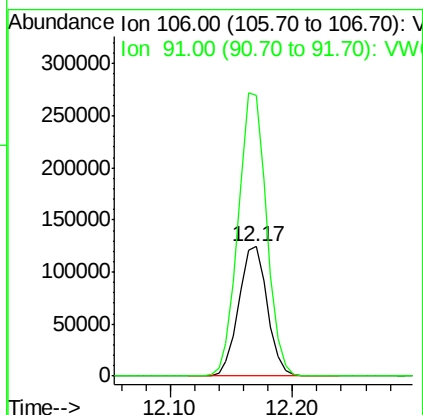
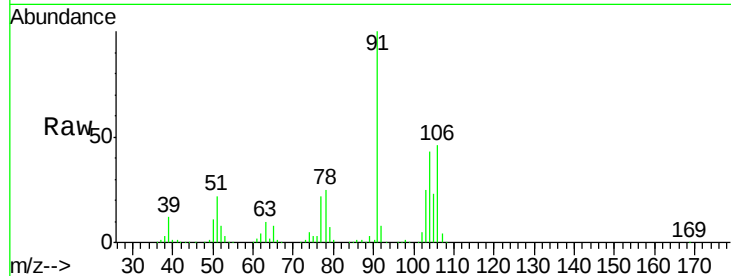




#69
o-Xylene
Concen: 51.280 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

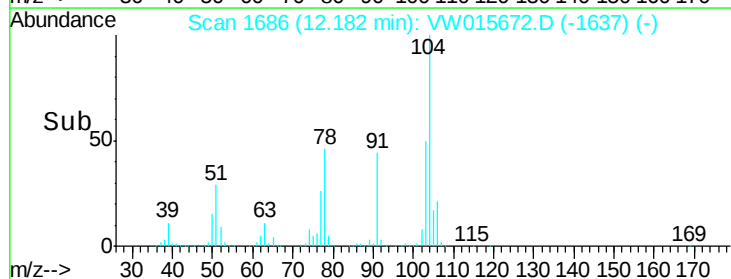
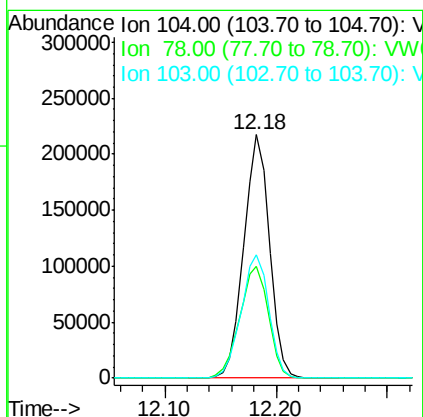
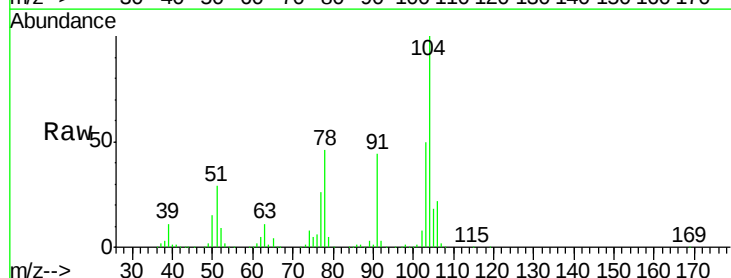
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

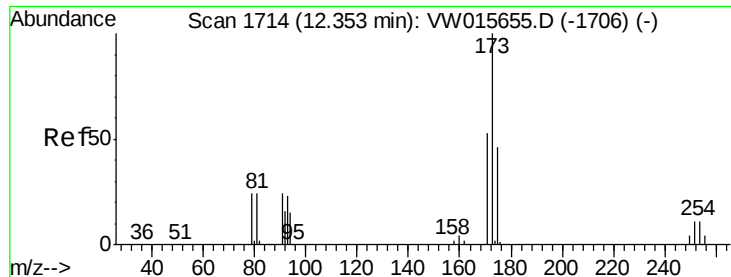
Tgt Ion:106 Resp: 201013
Ion Ratio Lower Upper
106 100
91 217.6 108.3 324.9



#70
Styrene
Concen: 52.010 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion:104 Resp: 348325
Ion Ratio Lower Upper
104 100
78 51.5 40.9 61.3
103 54.9 43.1 64.7





#71

Bromoform

Concen: 51.841 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

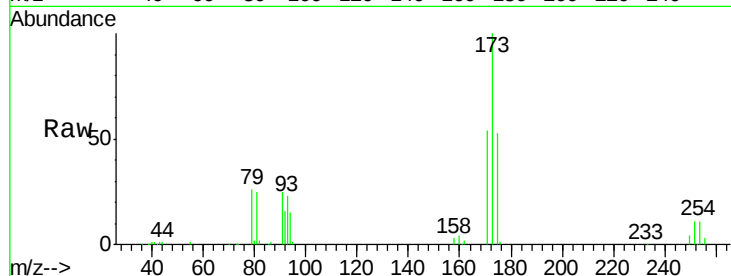
Tgt Ion:173 Resp: 51021

Ion Ratio Lower Upper

173 100

175 49.2 23.5 70.6

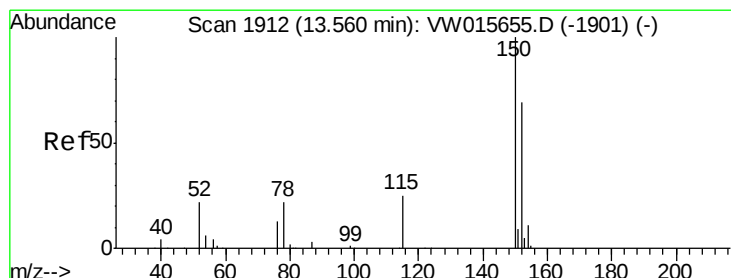
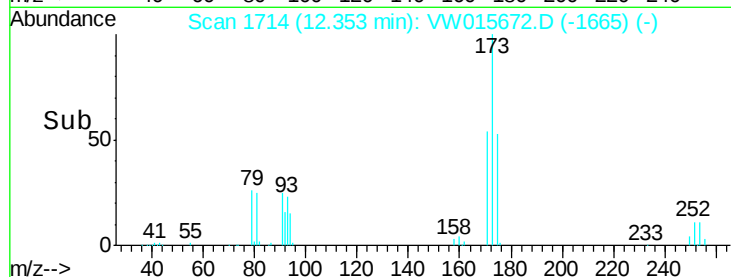
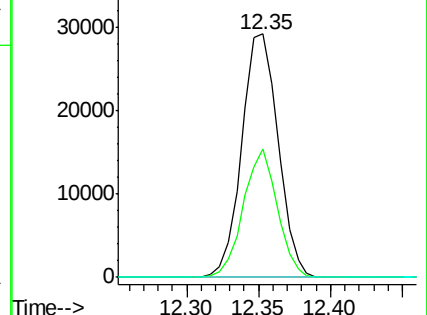
254 0.0 0.1 0.1#



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: VW015672.D

Acq: 24 Jun 2020 10:16

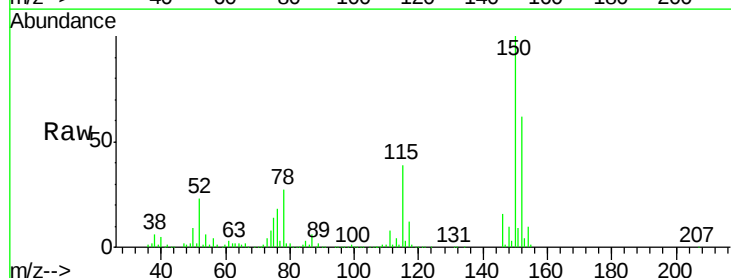
Tgt Ion:152 Resp: 149961

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.5

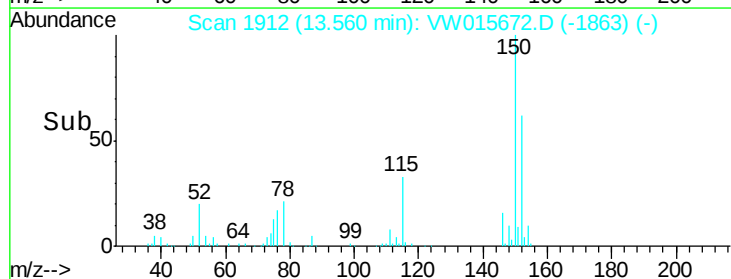
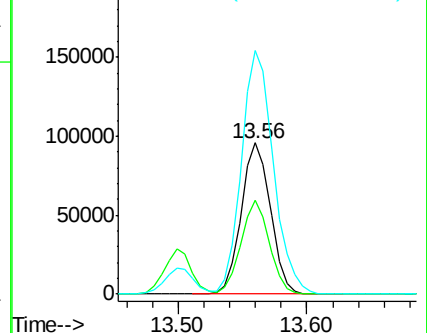
150 176.5 0.0 345.6

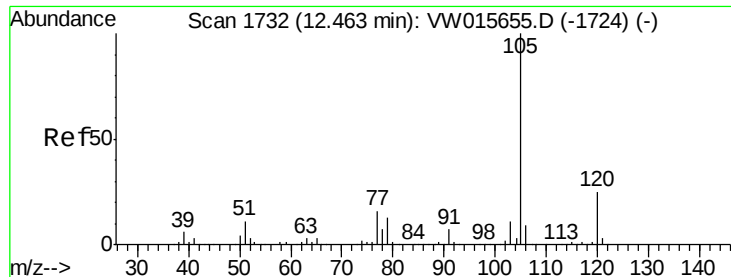


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.929 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

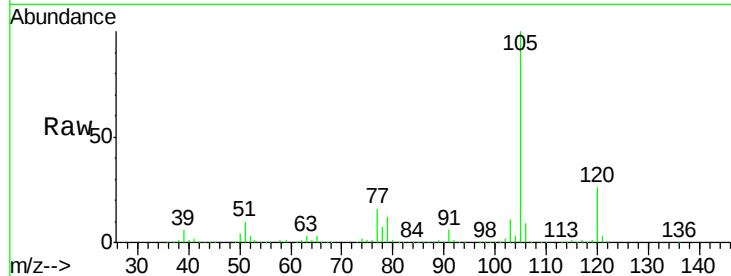
VSTDCCC050

Tgt Ion: 105 Resp: 571171

Ion Ratio Lower Upper

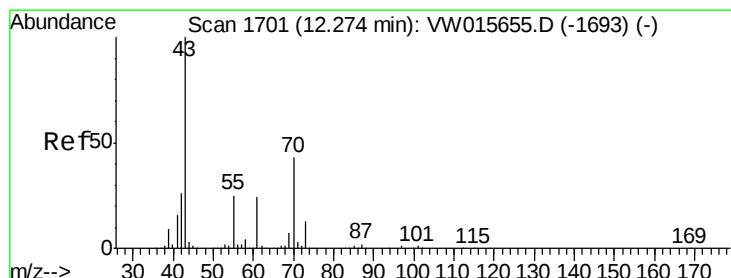
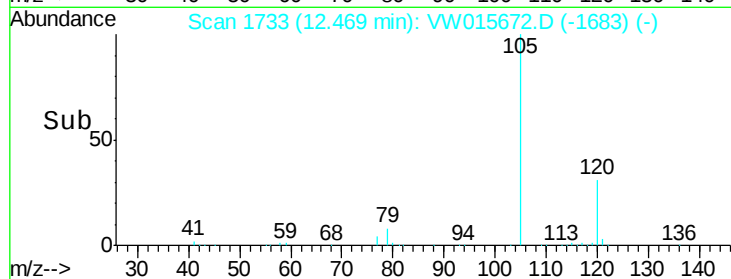
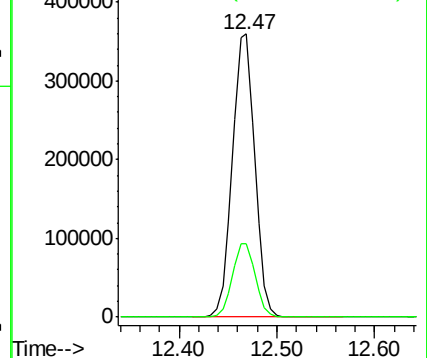
105 100

120 26.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.818 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Tgt Ion: 43 Resp: 118385

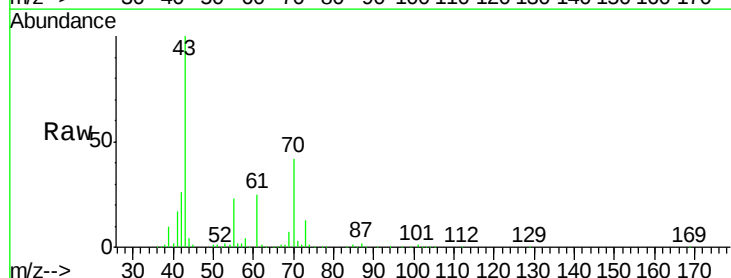
Ion Ratio Lower Upper

43 100

70 42.1 33.6 50.4

55 24.7 19.7 29.5

61 24.2 18.7 28.1

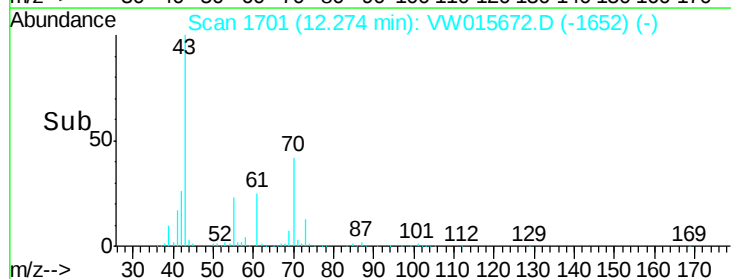
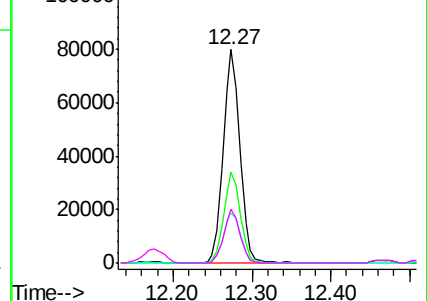


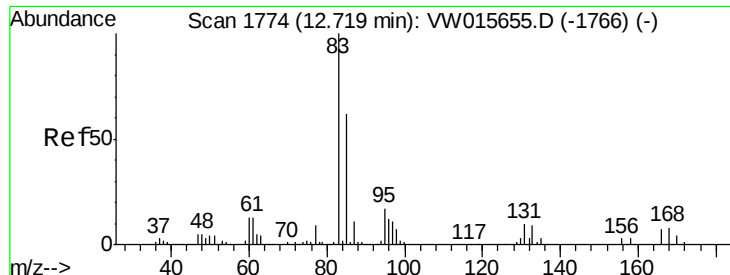
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 48.048 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

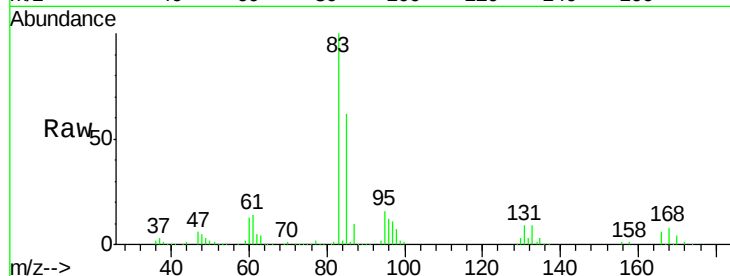
Tgt Ion: 83 Resp: 87932

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

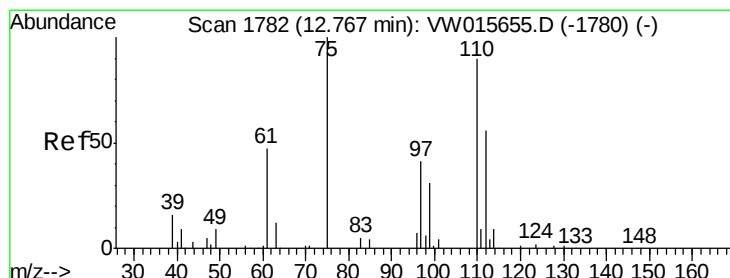
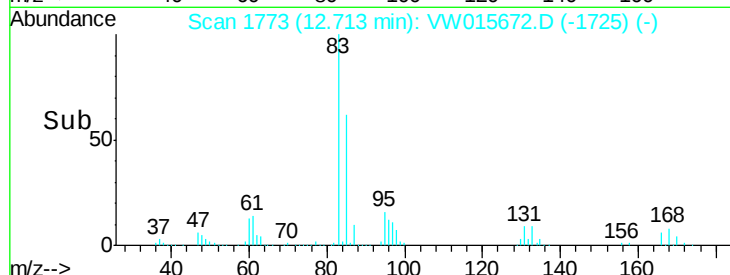
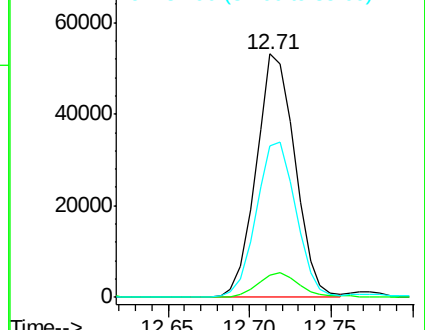
85 64.8 31.9 95.7



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: 85.610 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015672.D

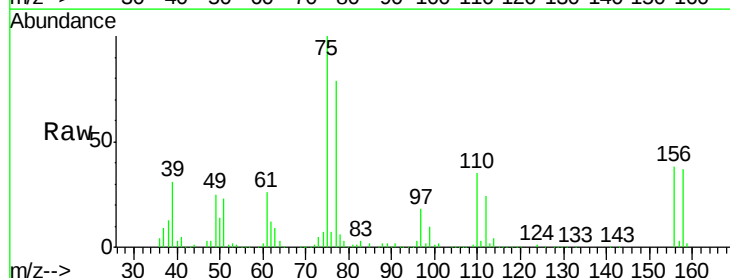
Acq: 24 Jun 2020 10:16

Tgt Ion: 75 Resp: 117103

Ion Ratio Lower Upper

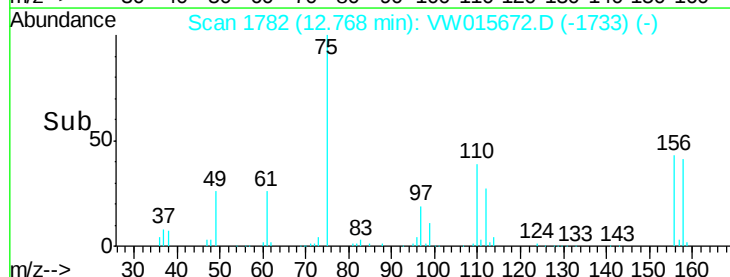
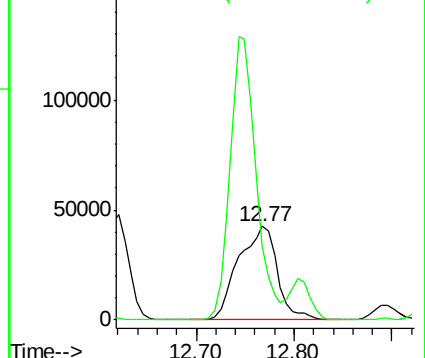
75 100

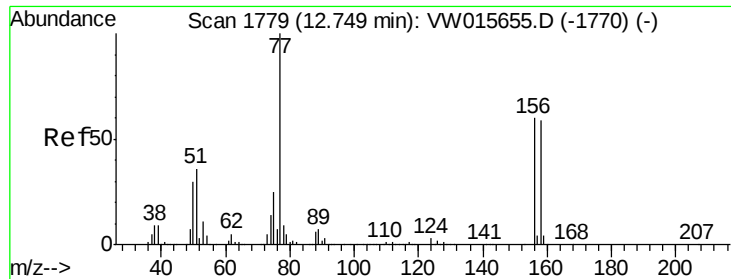
77 0.0 179.1 537.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.406 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

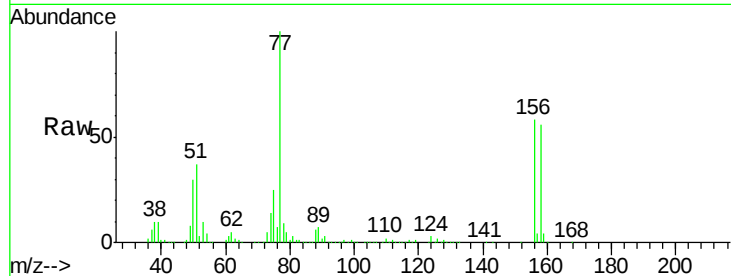
Tgt Ion:156 Resp: 123475

Ion Ratio Lower Upper

156 100

77 191.7 94.5 283.5

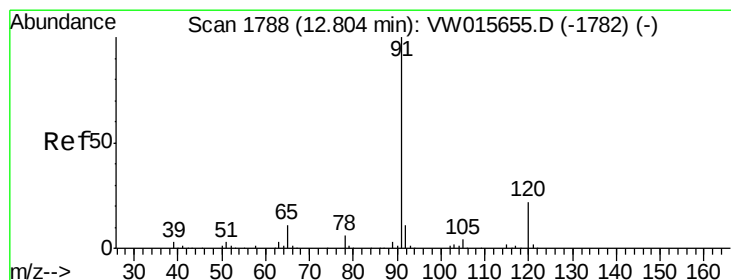
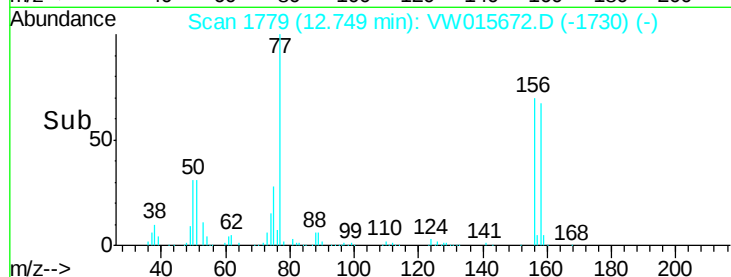
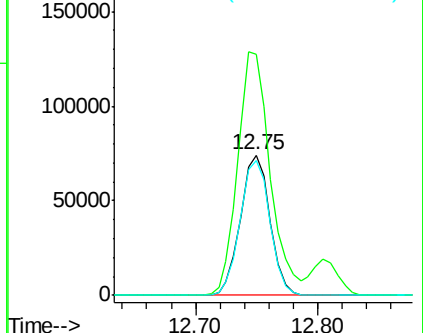
158 97.7 47.9 143.6



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: 49.788 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015672.D

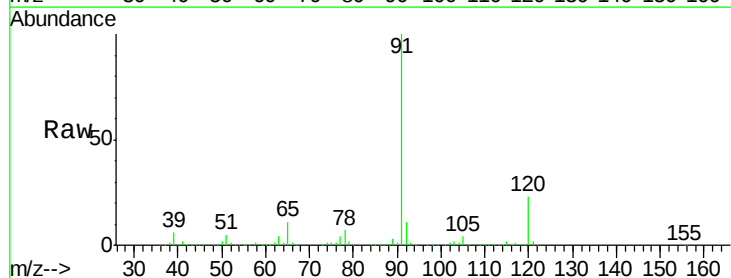
Acq: 24 Jun 2020 10:16

Tgt Ion: 91 Resp: 685564

Ion Ratio Lower Upper

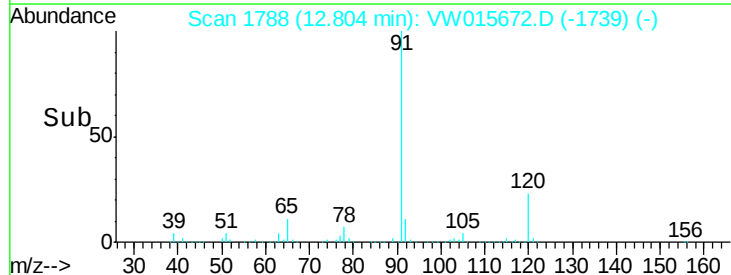
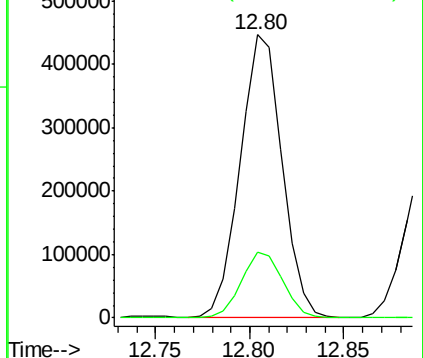
91 100

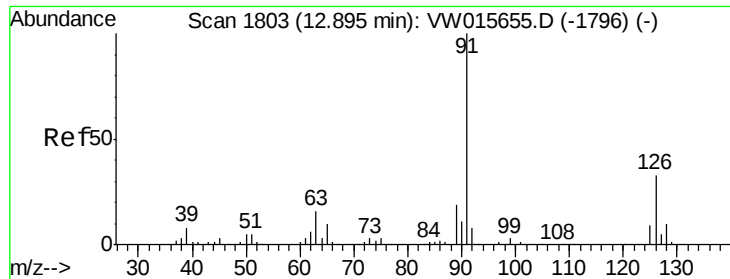
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.522 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

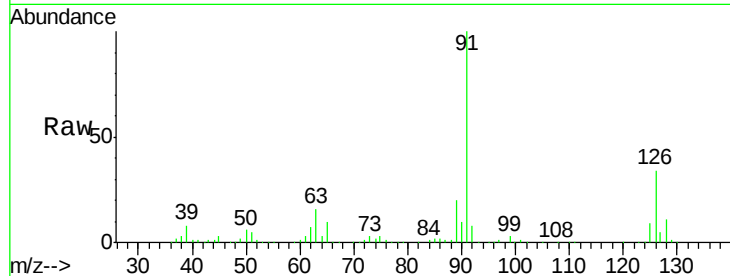
VSTDCCC050

Tgt Ion: 91 Resp: 383949

Ion Ratio Lower Upper

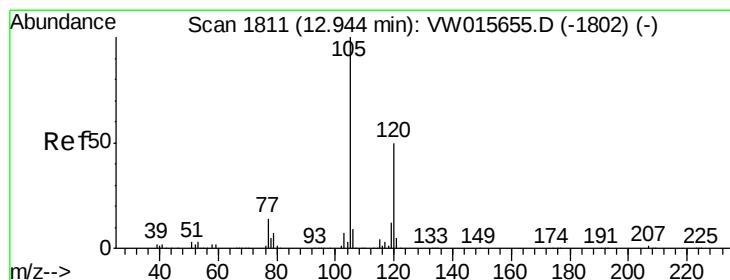
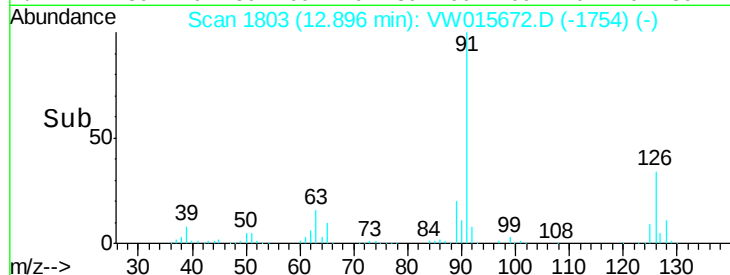
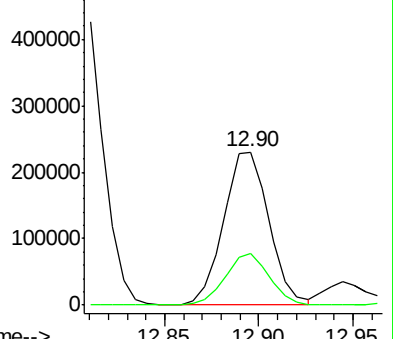
91 100

126 32.9 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.533 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015672.D

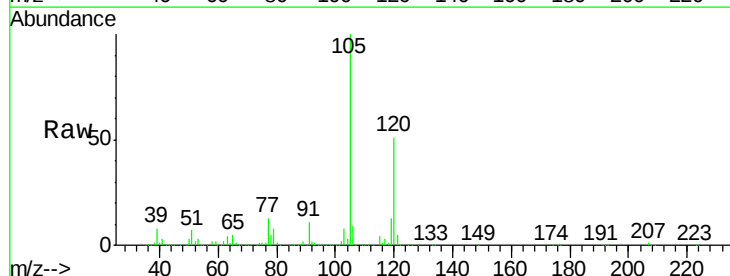
Acq: 24 Jun 2020 10:16

Tgt Ion: 105 Resp: 489828

Ion Ratio Lower Upper

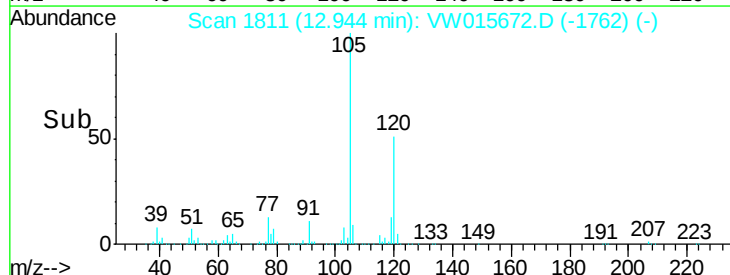
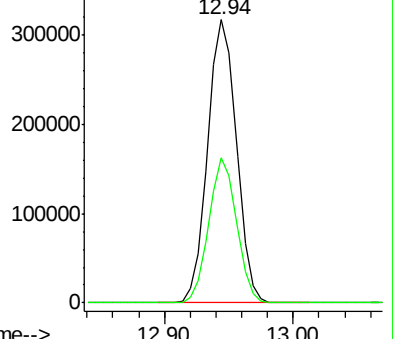
105 100

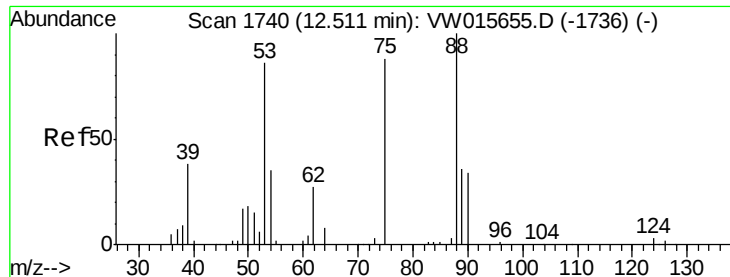
120 49.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.818 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

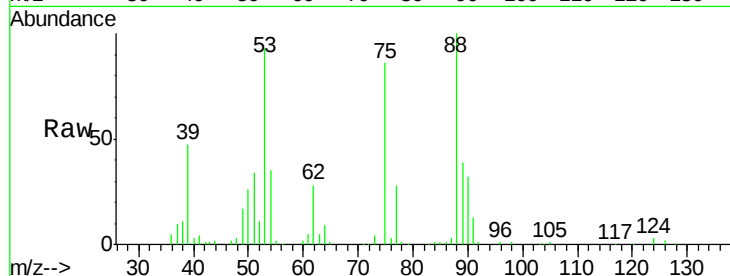
Tgt Ion: 75 Resp: 27041

Ion Ratio Lower Upper

75 100

53 109.2 83.8 125.8

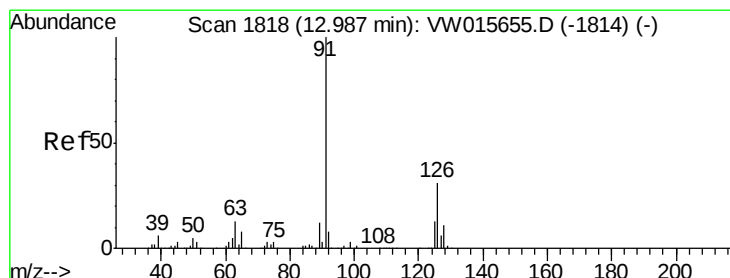
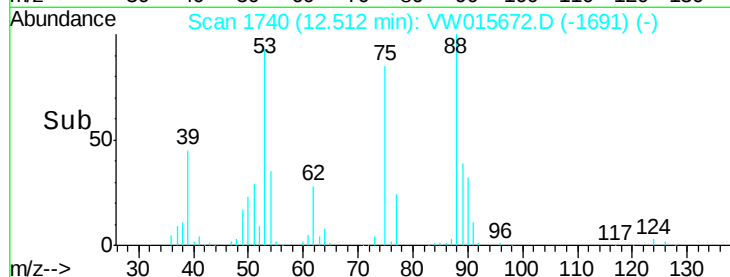
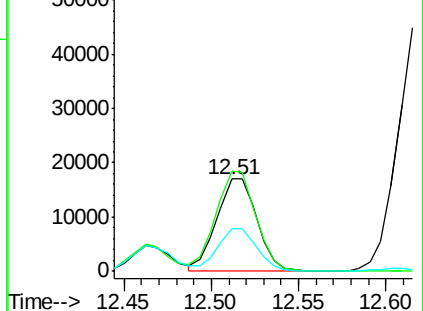
89 46.0 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 49.714 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015672.D

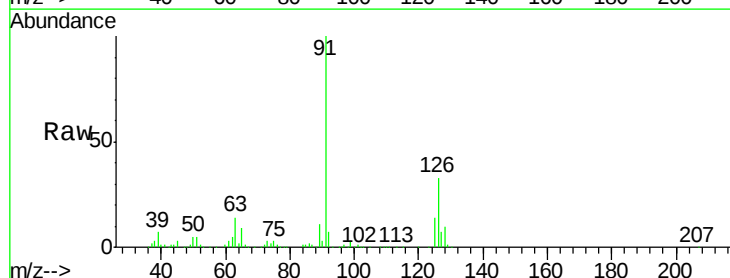
Acq: 24 Jun 2020 10:16

Tgt Ion: 91 Resp: 407771

Ion Ratio Lower Upper

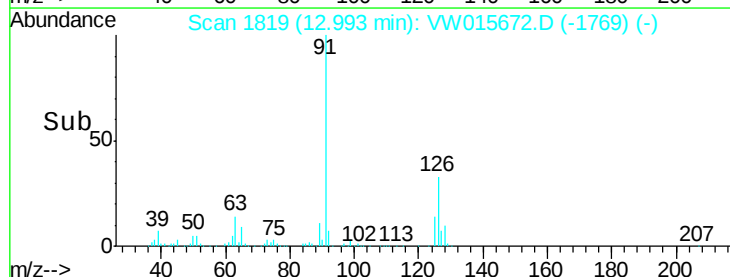
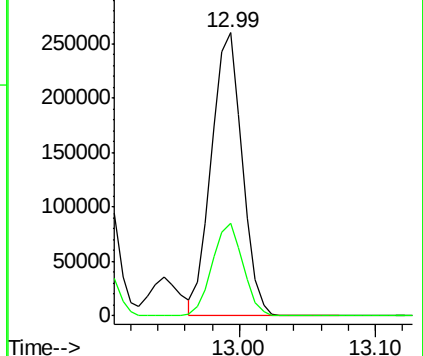
91 100

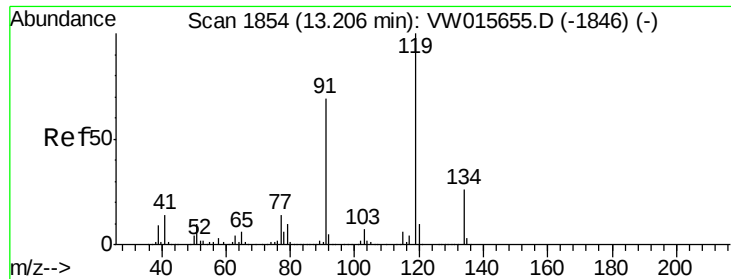
126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

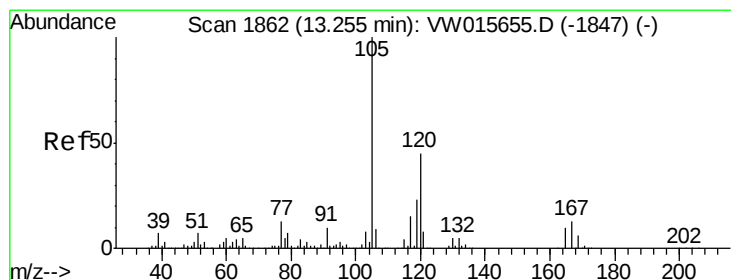
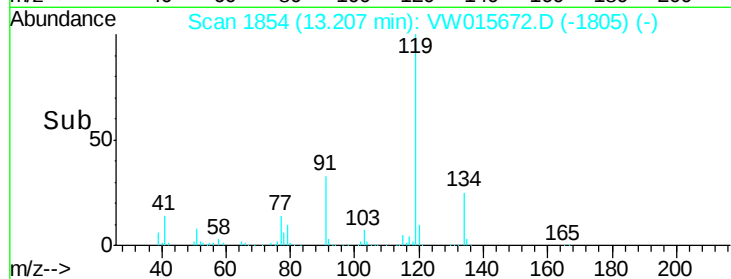
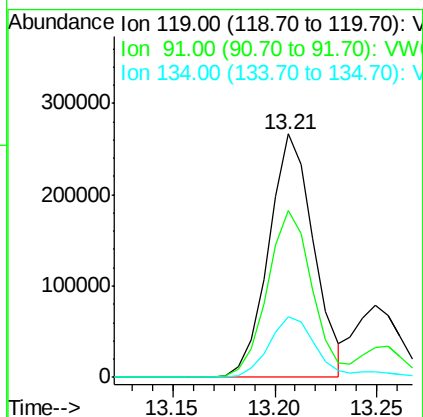
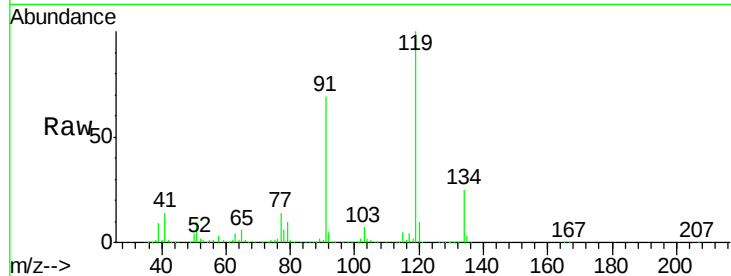




#83
 tert-Butylbenzene
 Concen: 49.999 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

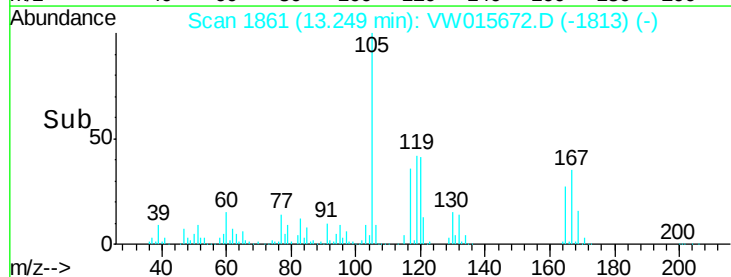
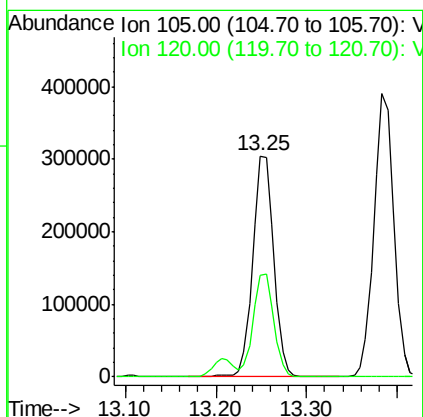
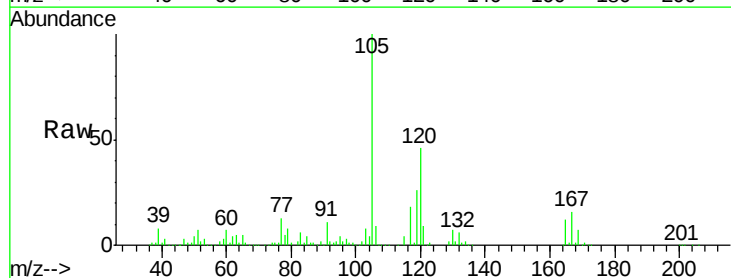
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

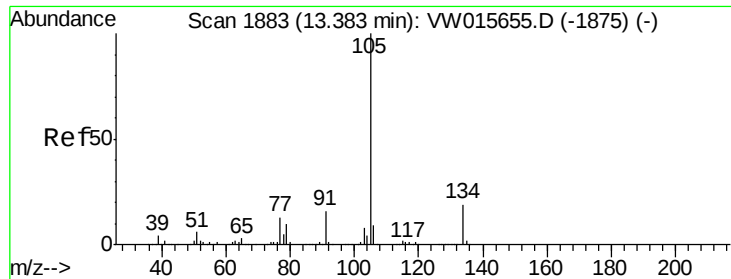
Tgt Ion:119 Resp: 409498
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.7 104.1
 134 25.5 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.396 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion:105 Resp: 487164
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.8 68.3

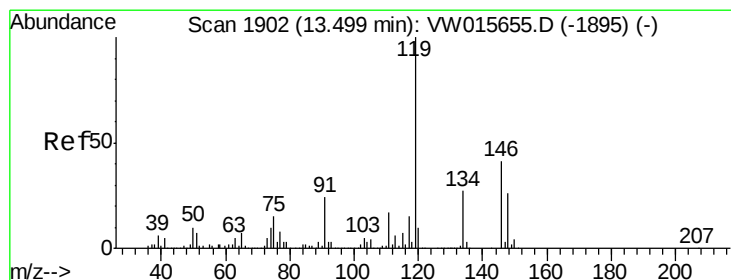
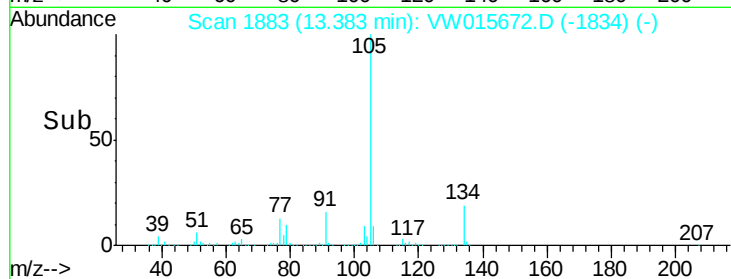
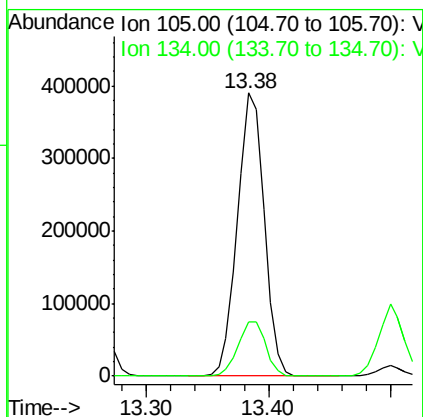
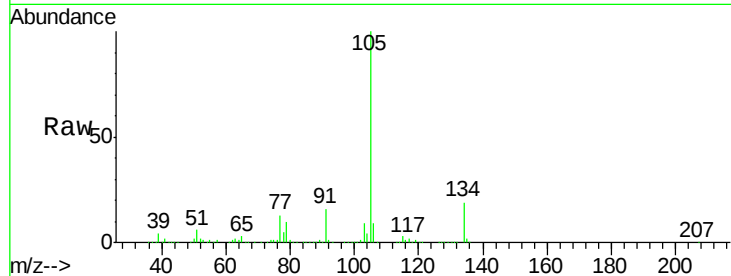




#85
 sec-Butylbenzene
 Concen: 50.623 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

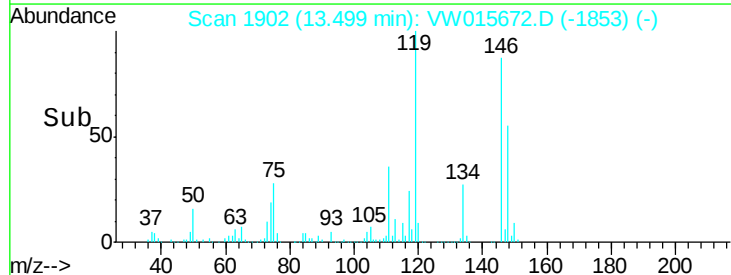
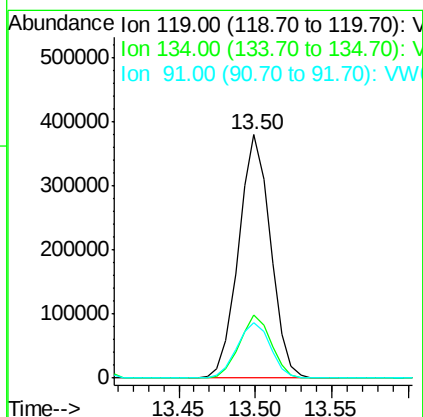
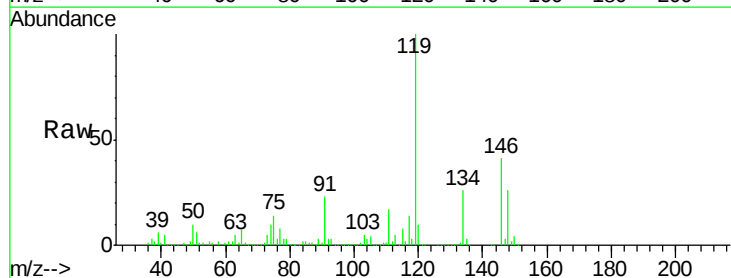
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

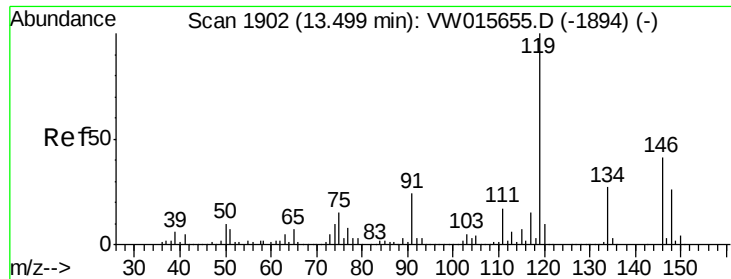
Tgt Ion:105 Resp: 592539
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 51.394 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion:119 Resp: 546563
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.5 40.4
 91 23.7 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 49.961 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

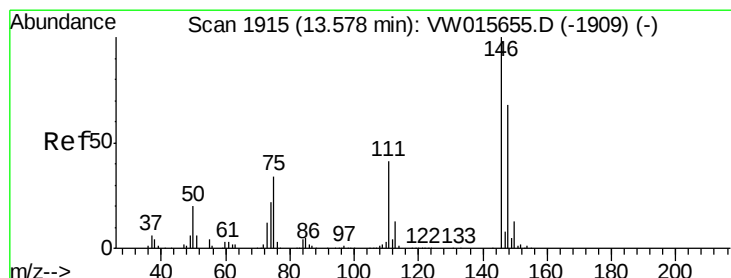
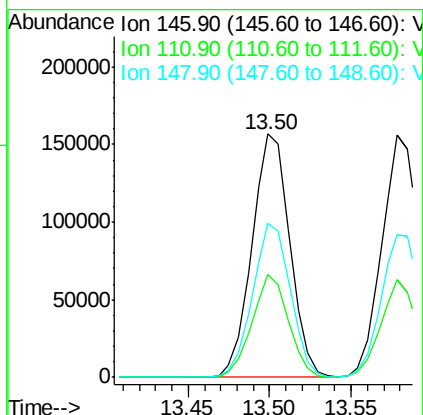
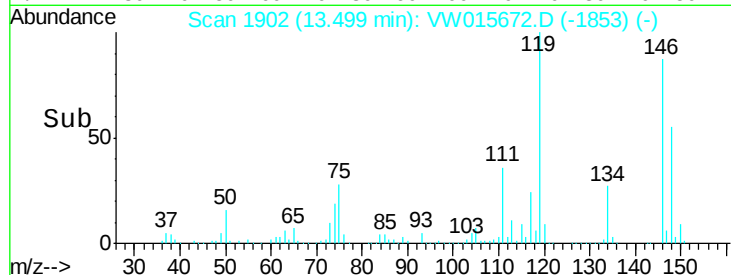
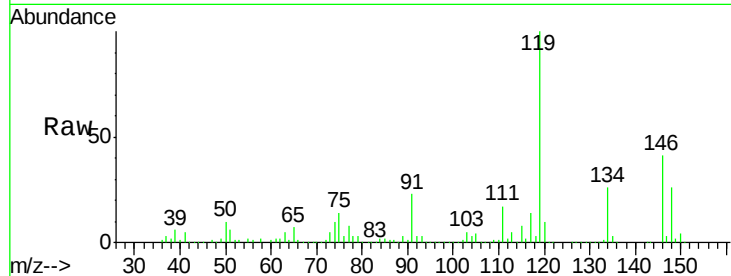
Tgt Ion:146 Resp: 252988

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.4 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 49.790 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

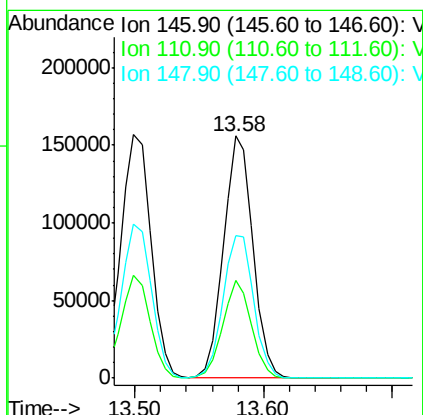
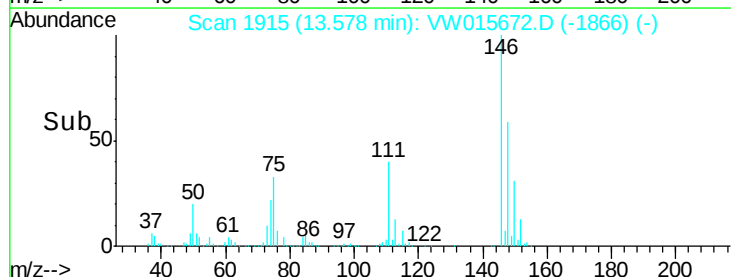
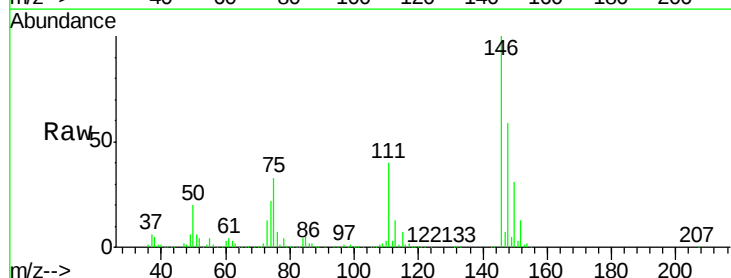
Tgt Ion:146 Resp: 249707

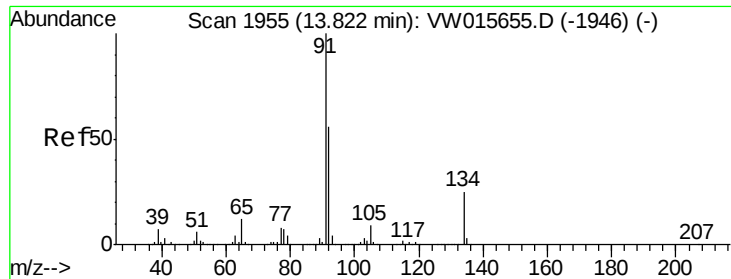
Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.9

148 61.4 33.7 101.1





#89

n-Butylbenzene

Concen: 51.527 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

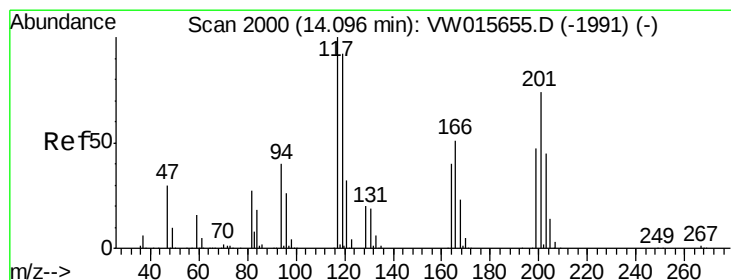
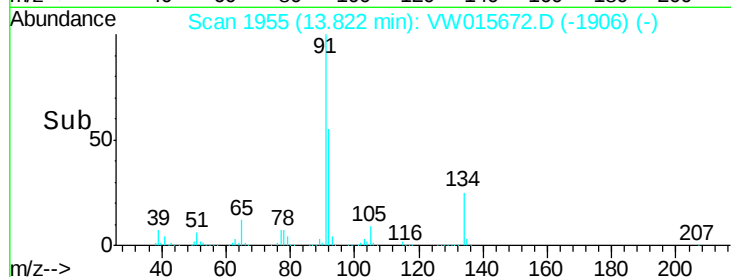
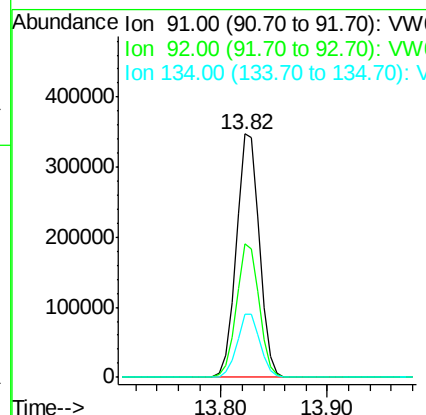
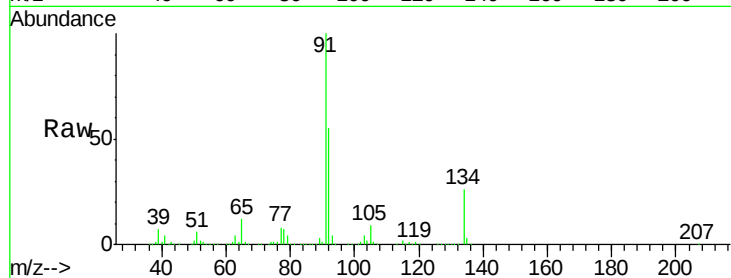
Tgt Ion: 91 Resp: 526044

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 50.465 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015672.D

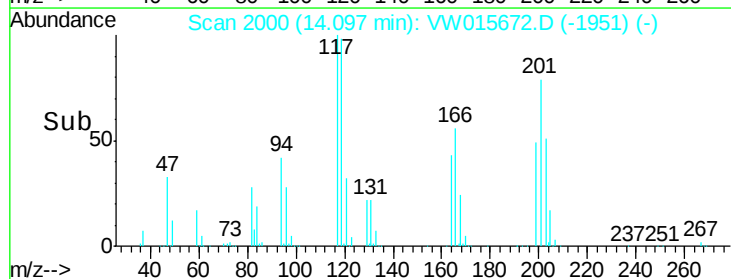
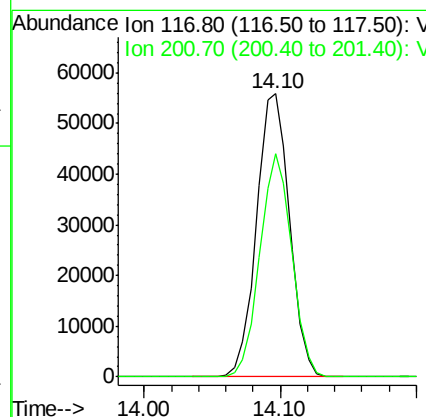
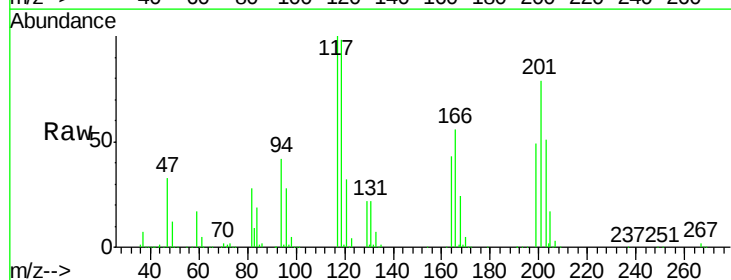
Acq: 24 Jun 2020 10:16

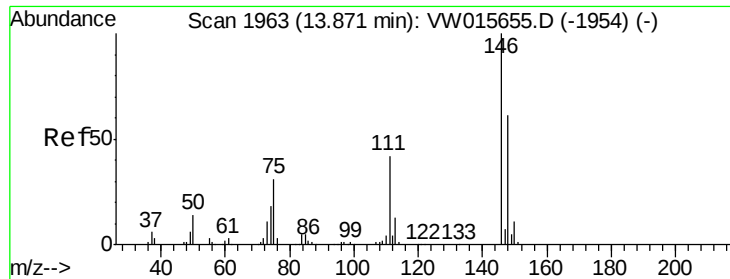
Tgt Ion: 117 Resp: 95508

Ion Ratio Lower Upper

117 100

201 76.1 37.1 111.5

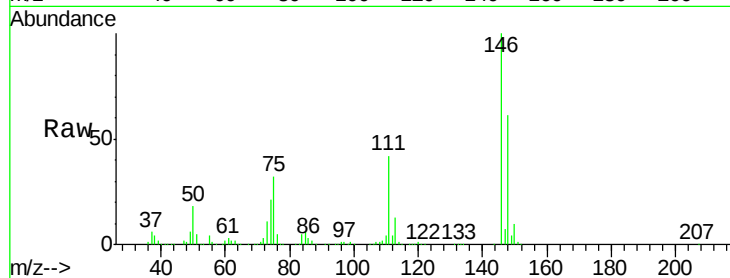




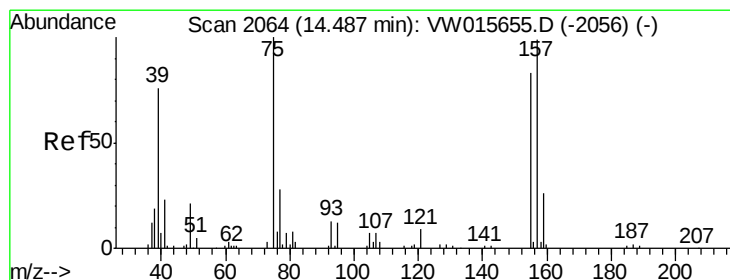
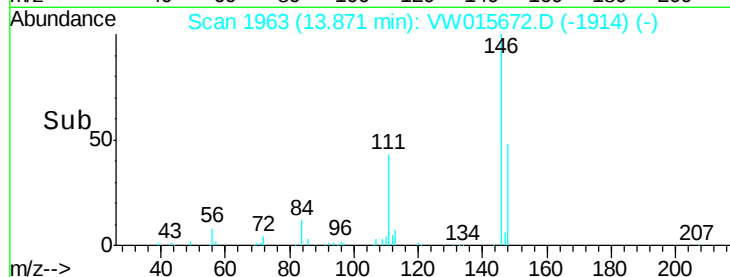
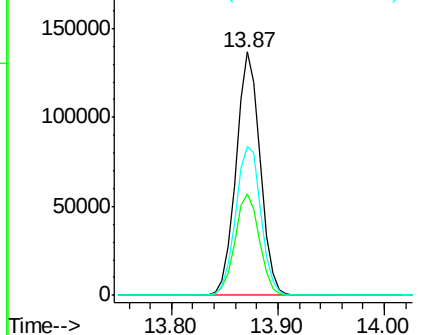
#91
 1,2-Dichlorobenzene
 Concen: 49.500 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 216723
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.7
 148 64.5 32.2 96.6

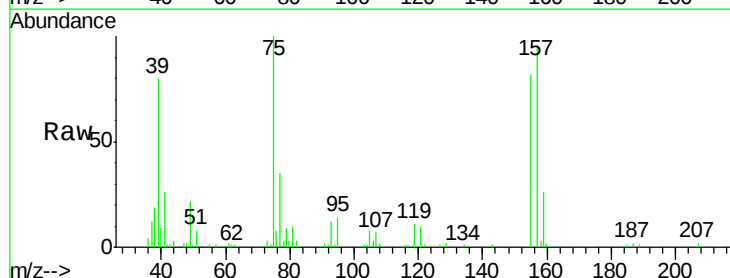


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

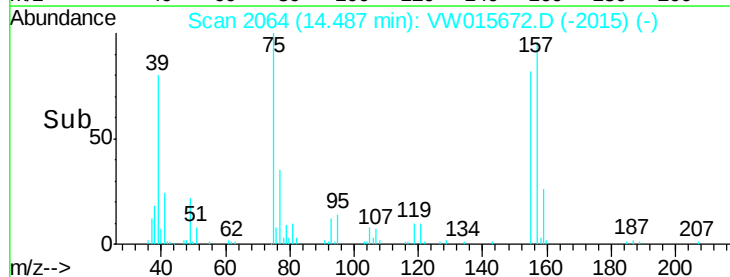
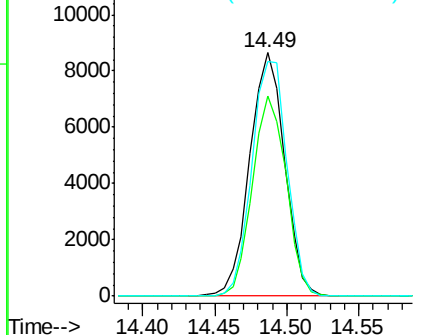


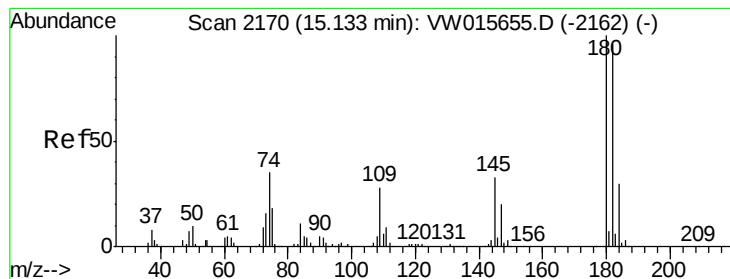
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.278 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion: 75 Resp: 14441
 Ion Ratio Lower Upper
 75 100
 155 79.4 40.8 122.2
 157 97.3 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: 50.944 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

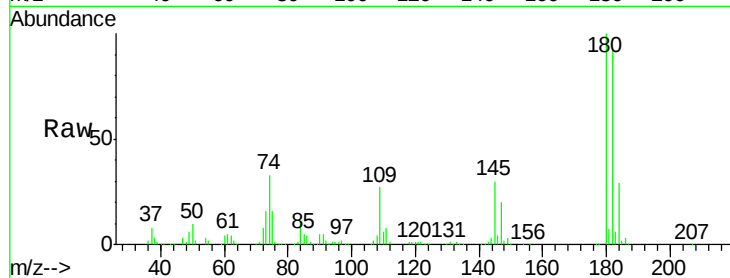
Tgt Ion:180 Resp: 147292

Ion Ratio Lower Upper

180 100

182 91.2 47.9 143.6

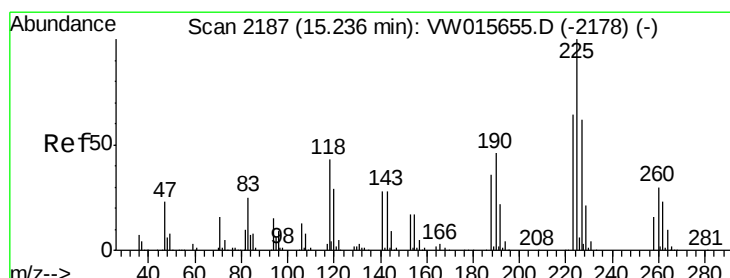
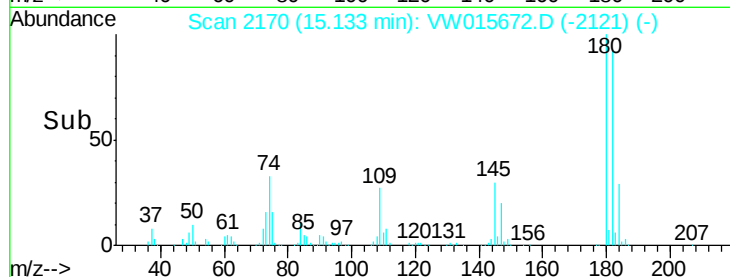
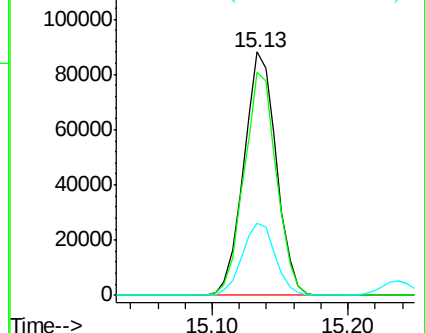
145 30.1 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.462 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

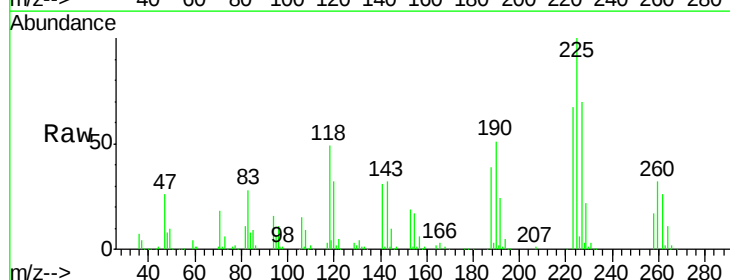
Tgt Ion:225 Resp: 89262

Ion Ratio Lower Upper

225 100

223 63.9 31.0 93.0

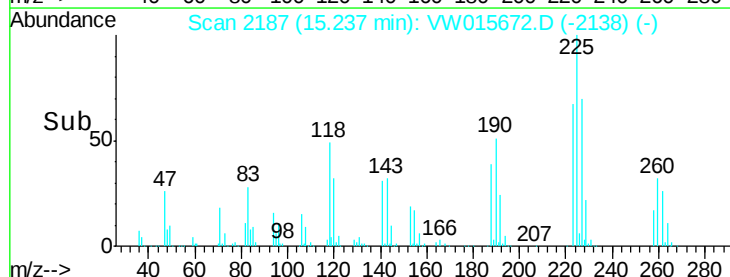
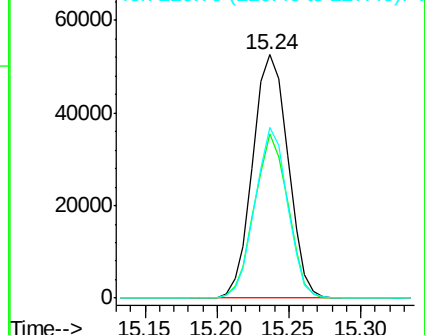
227 64.7 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

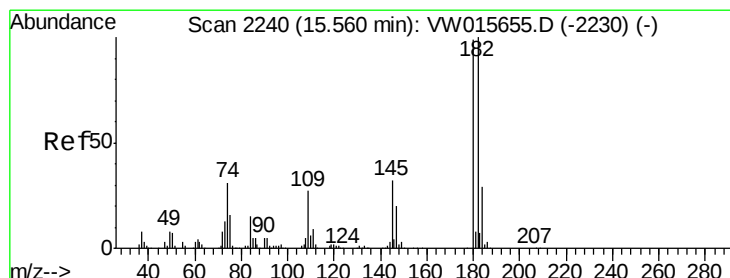
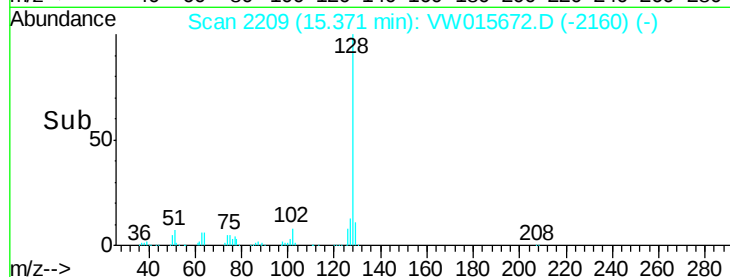
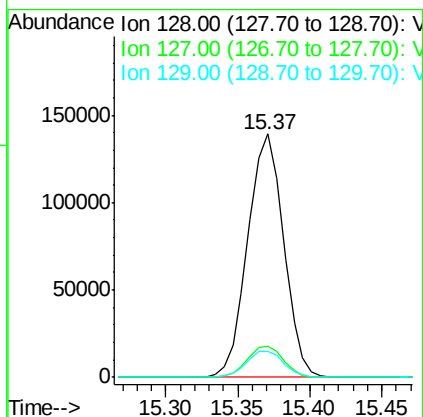
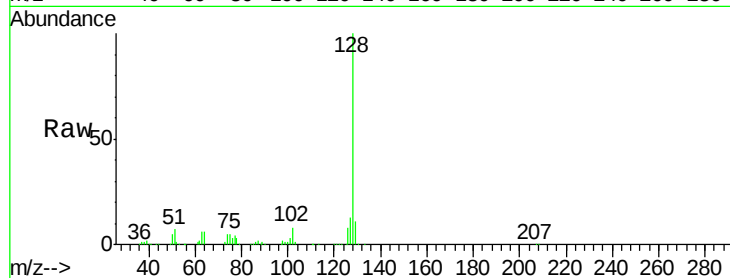




#95
Naphthalene
Concen: 50.368 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 240859
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.122 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion:180 Resp: 122278
Ion Ratio Lower Upper
180 100
182 96.4 49.0 147.0
145 32.9 16.4 49.2

