

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015696.D
 Acq On : 24 Jun 2020 21:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 02:06:39 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	169896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	281022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104893	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
35) Dibromofluoromethane	7.88	113	91656	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.32	98	353166	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	137598	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	56020	55.300	ug/l	95
3) Chloromethane	2.21	50	62724	52.729	ug/l	97
4) Vinyl Chloride	2.37	62	101291	52.671	ug/l	99
5) Bromomethane	2.78	94	78965	55.867	ug/l	96
6) Chloroethane	2.93	64	70751	55.905	ug/l	100
7) Trichlorofluoromethane	3.26	101	75018	51.953	ug/l	95
8) Diethyl Ether	3.68	74	48139	57.726	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88664	52.094	ug/l	99
10) Methyl Iodide	4.27	142	131431	54.612	ug/l	100
11) Tert butyl alcohol	5.20	59	31164	304.541	ug/l	99
12) 1,1-Dichloroethene	4.04	96	86368	52.114	ug/l	99
13) Acrolein	3.89	56	34069	259.444	ug/l	100
14) Allyl chloride	4.67	41	143457	53.355	ug/l	99
15) Acrylonitrile	5.37	53	105650	307.065	ug/l	99
16) Acetone	4.13	43	89102	247.948	ug/l	99
17) Carbon Disulfide	4.38	76	250401	52.496	ug/l	100
18) Methyl Acetate	4.68	43	47428	65.197	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	146321	58.665	ug/l	98
20) Methylene Chloride	4.92	84	105254	61.129	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	104173	54.825	ug/l	98
22) Diisopropyl ether	6.32	45	306617	57.337	ug/l	98
23) Vinyl Acetate	6.26	43	952816	305.534	ug/l	99
24) 1,1-Dichloroethane	6.22	63	185892	55.223	ug/l	100
25) 2-Butanone	7.18	43	138173	284.493	ug/l	97
26) 2,2-Dichloropropane	7.16	77	105403	46.685	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	114035	55.790	ug/l	99
28) Bromochloromethane	7.51	49	73439	56.716	ug/l	100
29) Tetrahydrofuran	7.54	42	89463	313.458	ug/l	100
30) Chloroform	7.68	83	193854	56.152	ug/l	97
31) Cyclohexane	7.96	56	159753	49.061	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	156644	53.230	ug/l	99
36) 1,1-Dichloropropene	8.09	75	150091	51.350	ug/l	99
37) Ethyl Acetate	7.26	43	65132	58.360	ug/l	99
38) Carbon Tetrachloride	8.07	117	143283	50.571	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	177864	50.240	ug/l	100
40) Benzene	8.32	78	423879	53.334	ug/l	99
41) Methacrylonitrile	7.48	41	37734	58.912	ug/l	95
42) 1,2-Dichloroethane	8.40	62	138697	56.411	ug/l	100
43) Isopropyl Acetate	8.43	43	130206	58.464	ug/l	99
44) Trichloroethene	9.09	130	111140	51.882	ug/l	94
45) 1,2-Dichloropropane	9.37	63	105549	54.333	ug/l	98
46) Dibromomethane	9.46	93	56787	56.498	ug/l	99
47) Bromodichloromethane	9.65	83	146244	55.780	ug/l	96
48) Methyl methacrylate	9.44	41	60794	59.706	ug/l	96
49) 1,4-Dioxane	9.46	88	16951	1285.586	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	327735	305.143	ug/l	100
52) Toluene	10.39	92	282112	54.973	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	141102	55.710	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	165381	54.658	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81535	58.344	ug/l	99
56) Ethyl methacrylate	10.65	69	105811	60.852	ug/l	96
57) 1,3-Dichloropropane	10.93	76	141740	57.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	245156	297.935	ug/l	100
59) 2-Hexanone	10.97	43	225932	308.989	ug/l	100
60) Dibromochloromethane	11.13	129	96170	59.054	ug/l	99
61) 1,2-Dibromoethane	11.24	107	77992	58.386	ug/l	100
64) Tetrachloroethene	10.87	164	91373	48.688	ug/l	91
65) Chlorobenzene	11.66	112	296155	52.581	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	106511	53.934	ug/l	96
67) Ethyl Benzene	11.73	91	551406	52.605	ug/l	99
68) m/p-Xylenes	11.84	106	422620	107.373	ug/l	99
69) o-Xylene	12.17	106	195127	53.918	ug/l	99
70) Styrene	12.18	104	344850	55.773	ug/l	99
71) Bromoform	12.35	173	51603	56.792	ug/l #	95
73) Isopropylbenzene	12.46	105	543496	51.307	ug/l	100
74) N-amyl acetate	12.27	43	129674	57.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	96688	57.055	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	123117	97.200	ug/l	26
77) Bromobenzene	12.75	156	125937	53.317	ug/l	99
78) n-propylbenzene	12.80	91	644628	50.557	ug/l	99
79) 2-Chlorotoluene	12.90	91	372848	51.934	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	466470	51.970	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	26786	53.292	ug/l	93
82) 4-Chlorotoluene	12.99	91	396102	52.151	ug/l	99
83) tert-Butylbenzene	13.21	119	395734	52.181	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	470241	52.534	ug/l	99
85) sec-Butylbenzene	13.38	105	553333	51.052	ug/l	100
86) p-Isopropyltoluene	13.50	119	513352	52.129	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	243211	51.869	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	239591	51.592	ug/l	98
89) n-Butylbenzene	13.82	91	481949	50.981	ug/l	99
90) Hexachloroethane	14.10	117	91181	52.029	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	218641	53.930	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15992	58.932	ug/l	98

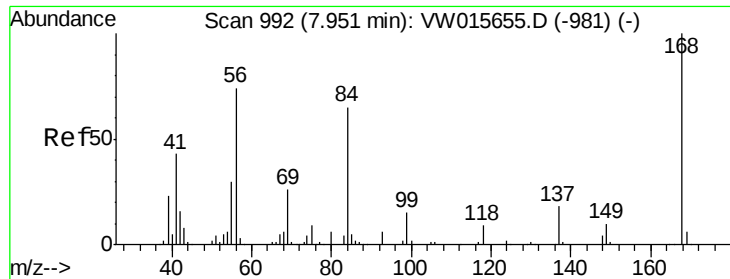
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	145784	54.453	ug/l	99
94) Hexachlorobutadiene	15.24	225	89547	52.502	ug/l	98
95) Naphthalene	15.36	128	280162	63.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	135143	58.629	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

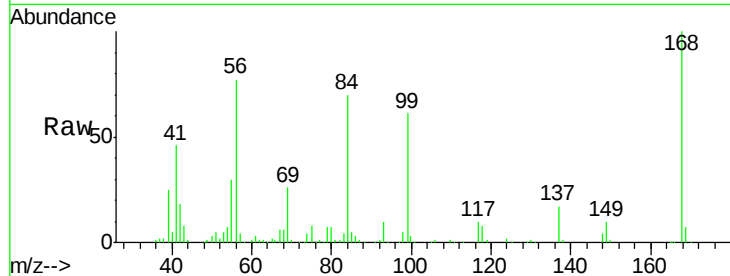
VSTDCCC050EC

Tgt Ion: 168 Resp: 169896

Ion Ratio Lower Upper

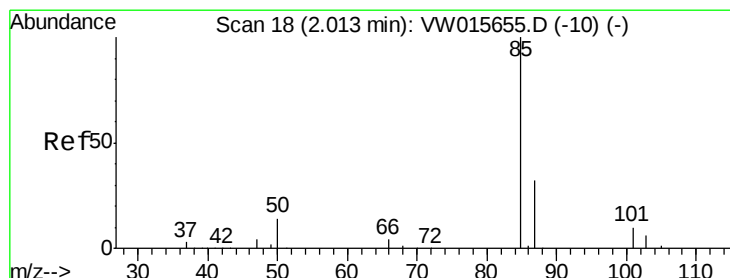
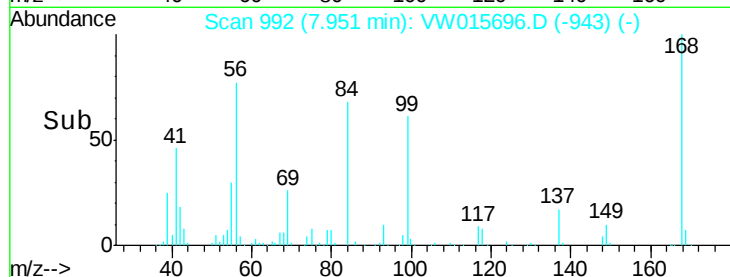
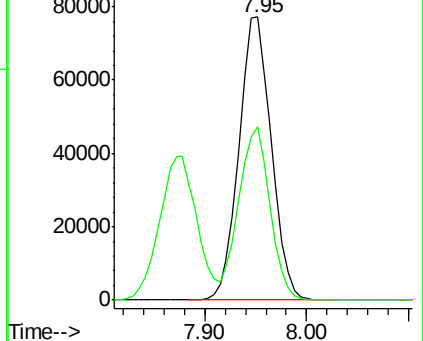
168 100

99 61.2 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: 55.300 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015696.D

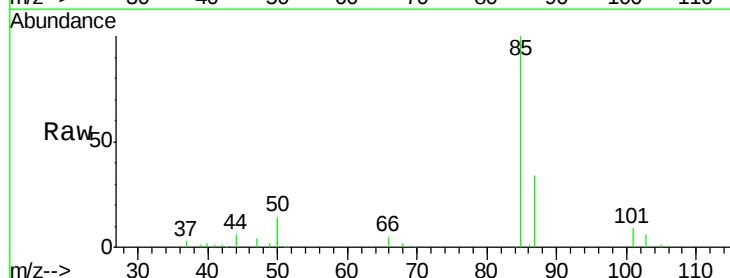
Acq: 24 Jun 2020 21:01

Tgt Ion: 85 Resp: 56020

Ion Ratio Lower Upper

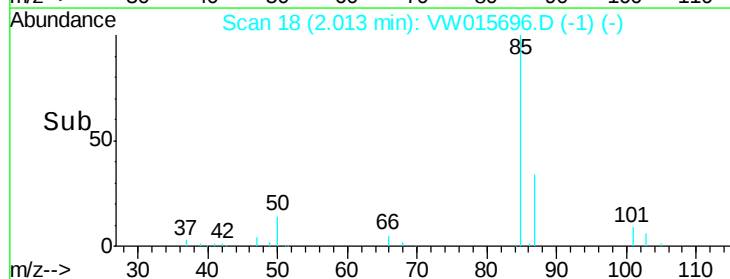
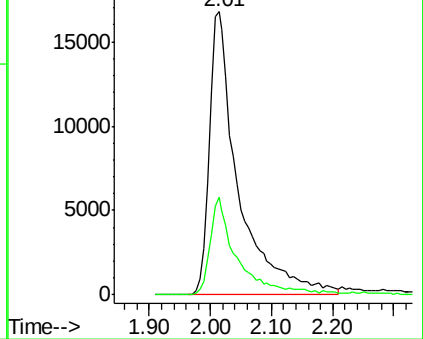
85 100

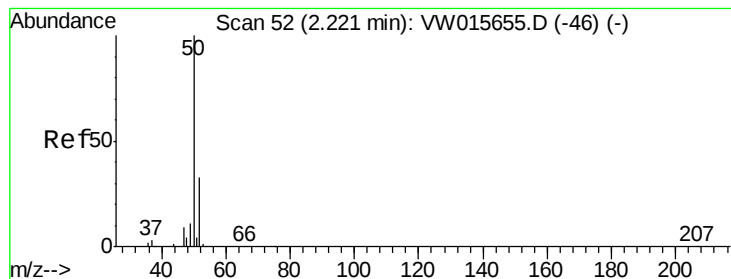
87 34.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 52.729 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

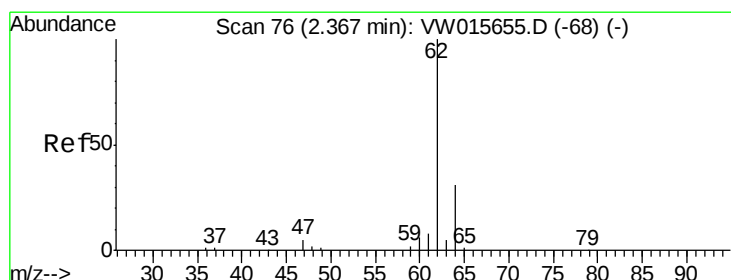
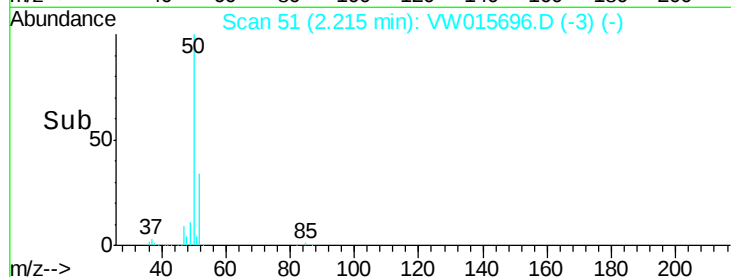
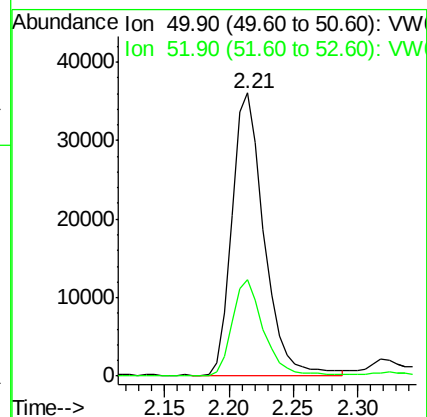
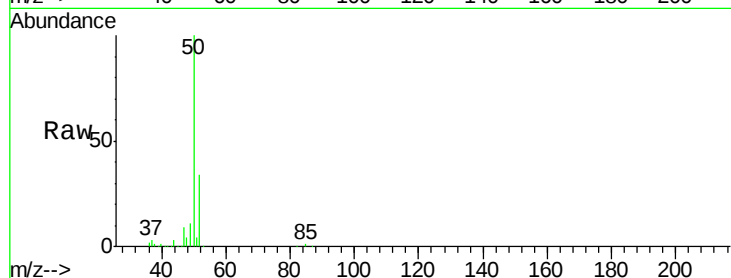
VSTDCCC050EC

Tgt Ion: 50 Resp: 62724

Ion Ratio Lower Upper

50 100

52 34.0 26.0 39.0



#4

Vinyl Chloride

Concen: 52.671 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015696.D

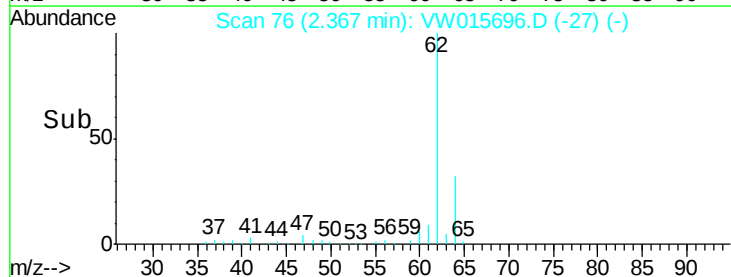
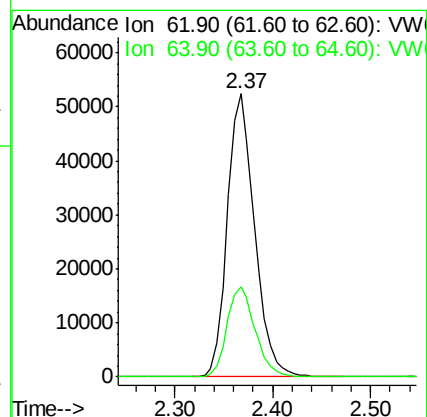
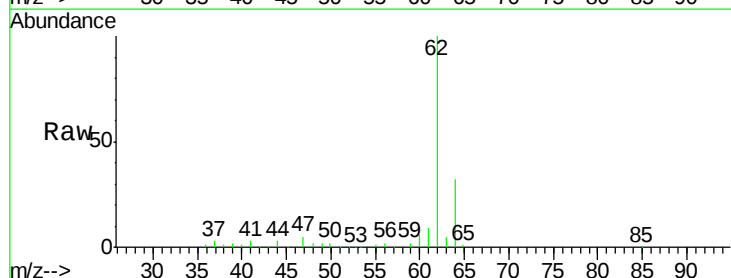
Acq: 24 Jun 2020 21:01

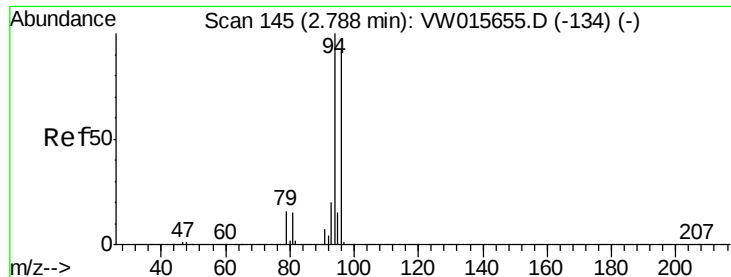
Tgt Ion: 62 Resp: 101291

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 55.867 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

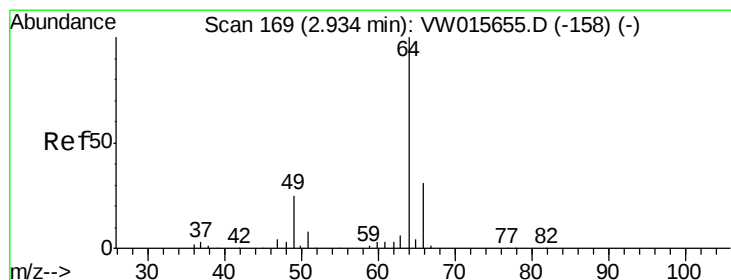
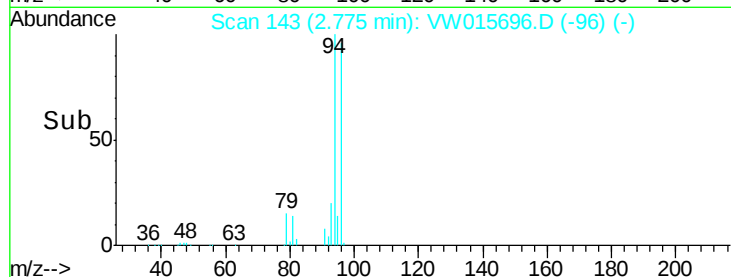
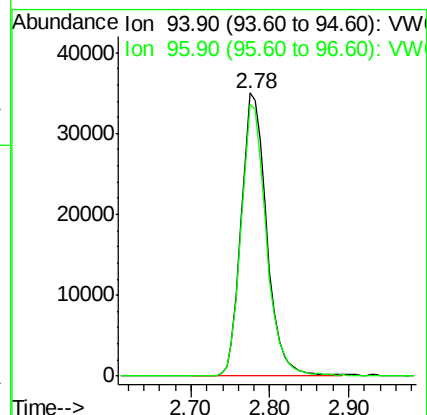
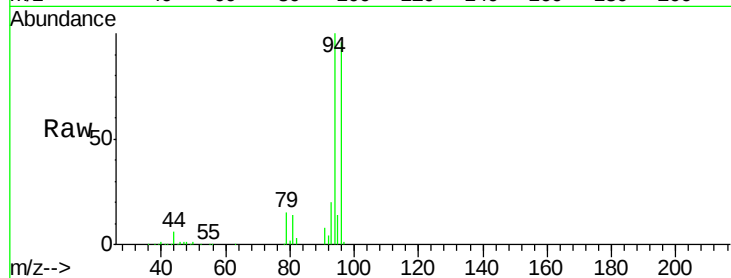
VSTDCCC050EC

Tgt Ion: 94 Resp: 78965

Ion Ratio Lower Upper

94 100

96 95.9 73.8 110.6



#6

Chloroethane

Concen: 55.905 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015696.D

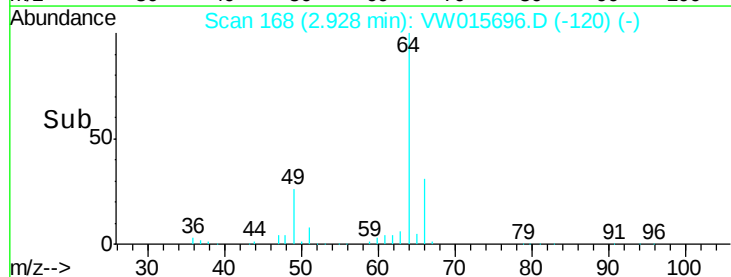
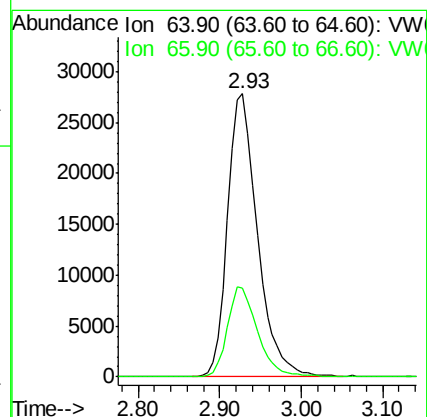
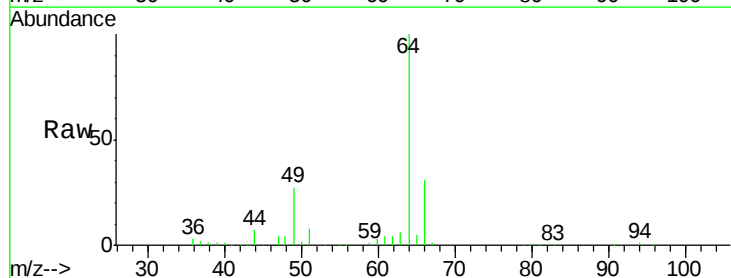
Acq: 24 Jun 2020 21:01

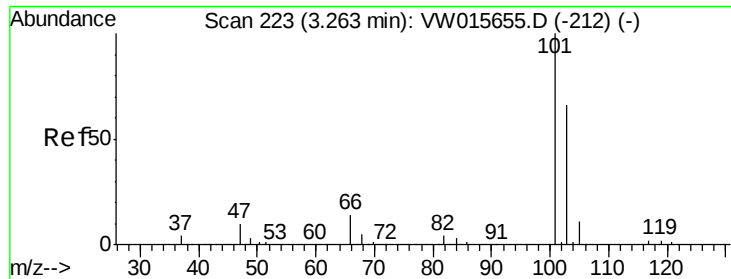
Tgt Ion: 64 Resp: 70751

Ion Ratio Lower Upper

64 100

66 31.5 25.3 37.9



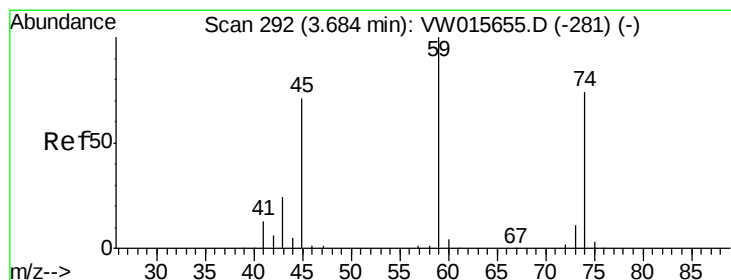
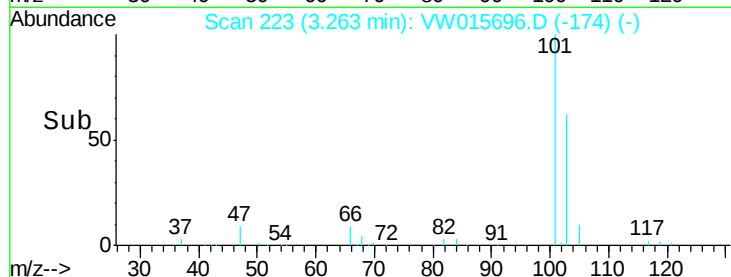
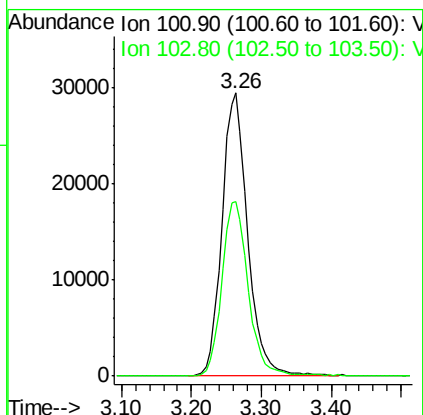
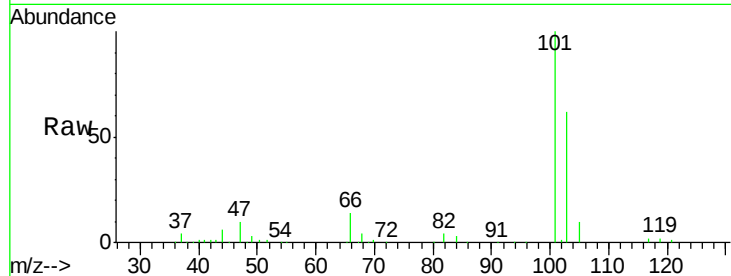


#7

Trichlorofluoromethane
Concen: 51.953 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

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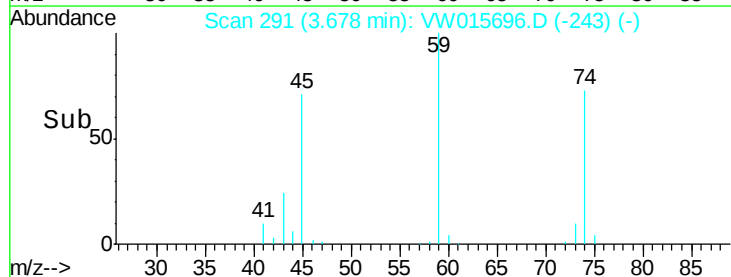
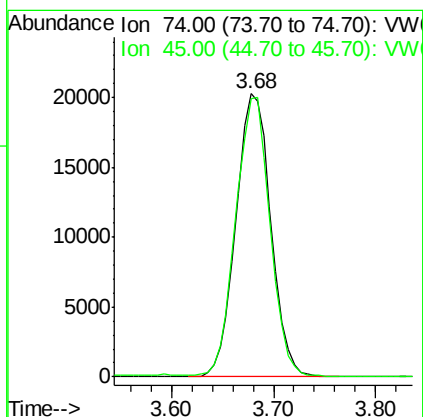
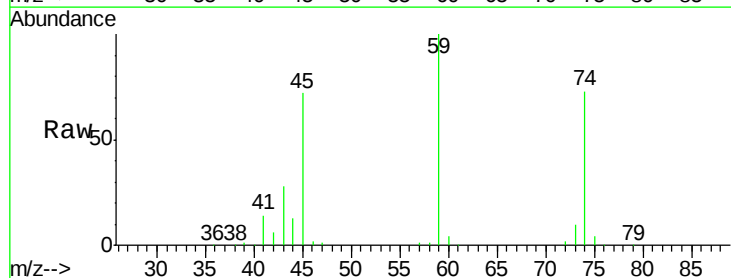
Tgt Ion: 101 Resp: 75018
Ion Ratio Lower Upper
101 100
103 61.9 52.6 78.8

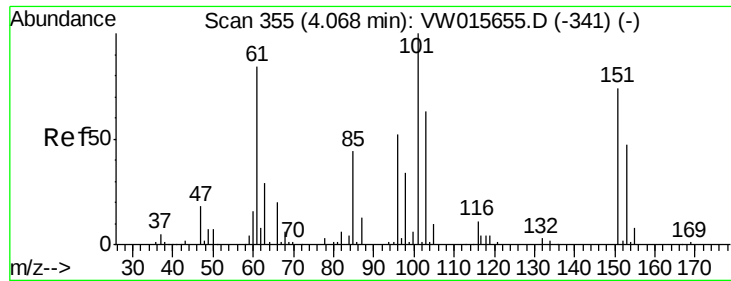


#8

Diethyl Ether
Concen: 57.726 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 74 Resp: 48139
Ion Ratio Lower Upper
74 100
45 97.7 48.2 144.6

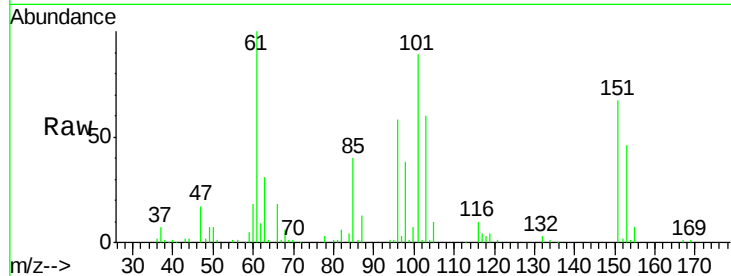




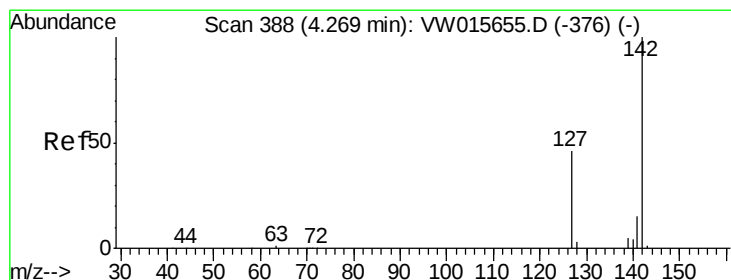
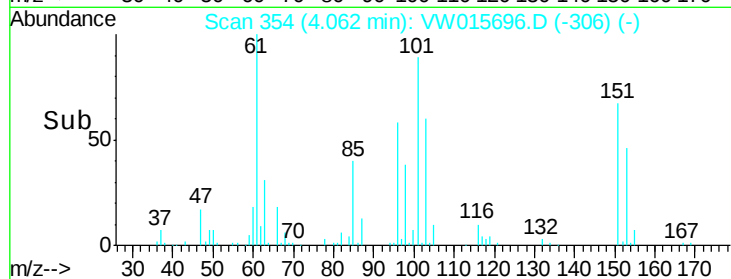
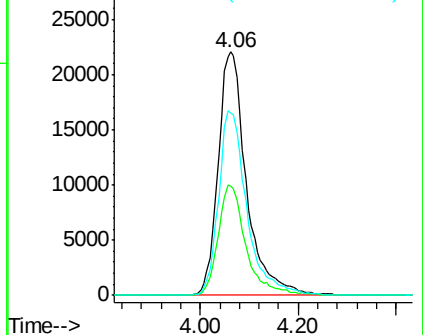
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.094 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
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 VSTDCCC050EC

Tgt Ion:101 Resp: 88664
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.6 55.0
 151 75.9 60.4 90.6

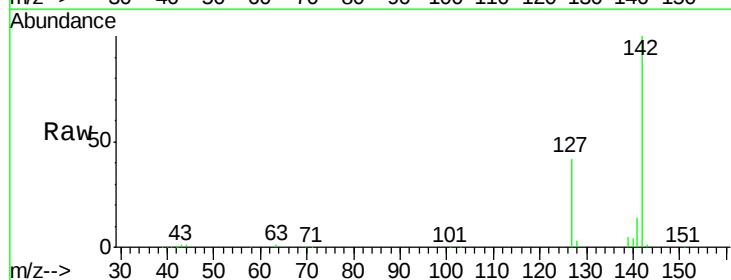


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

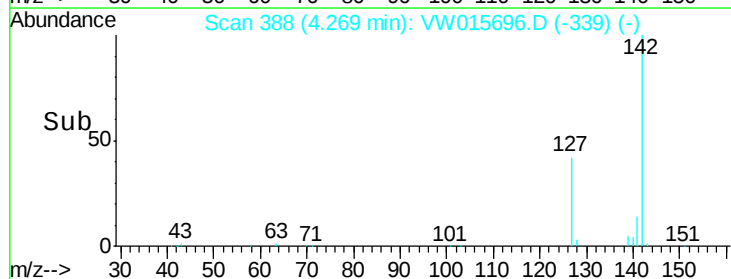
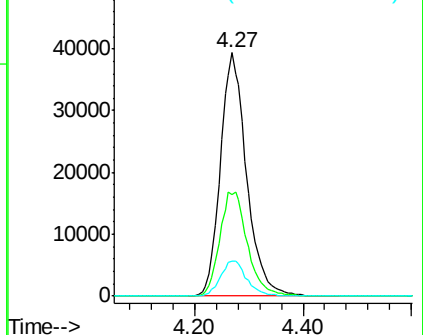


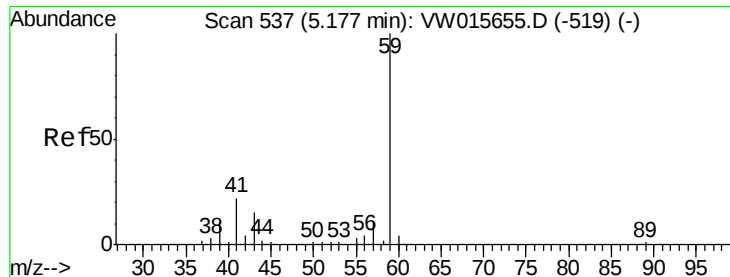
#10
 Methyl Iodide
 Concen: 54.612 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion:142 Resp: 131431
 Ion Ratio Lower Upper
 142 100
 127 45.4 36.4 54.6
 141 14.7 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

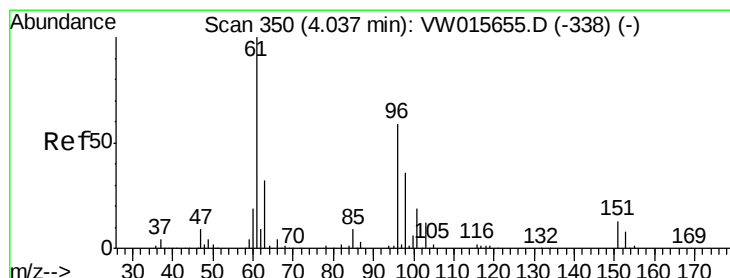
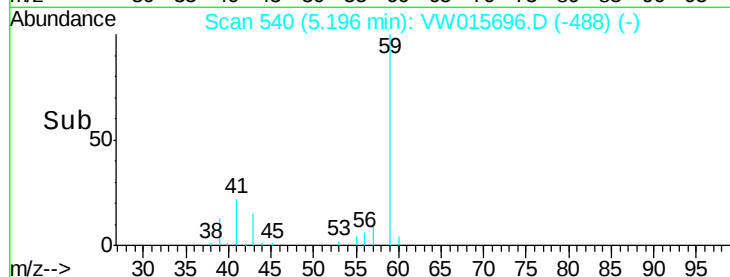
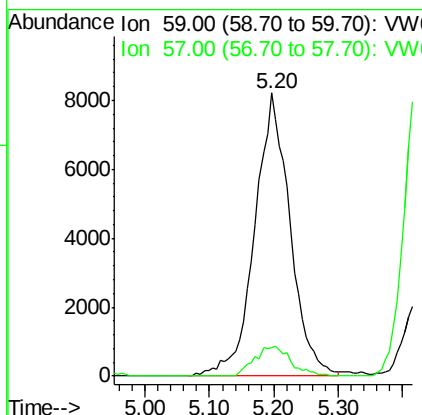
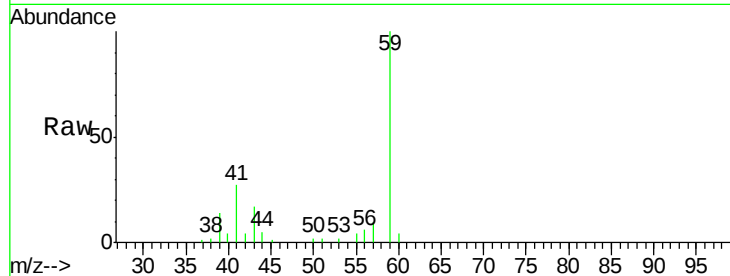




#11
Tert butyl alcohol
Concen: 304.541 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

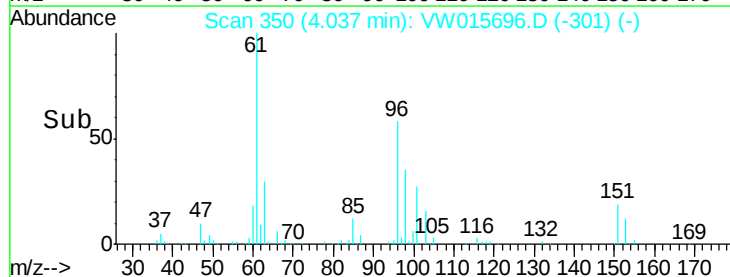
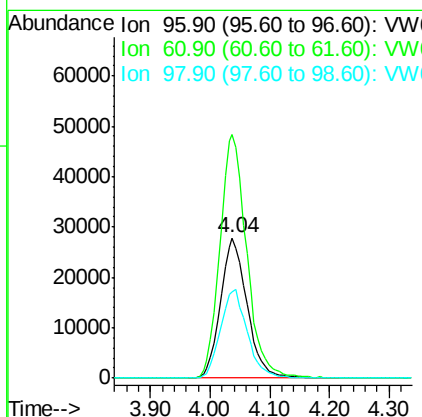
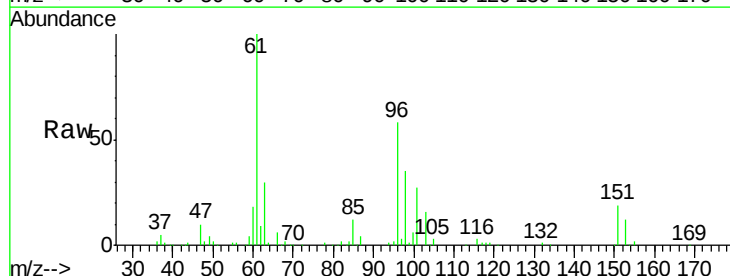
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

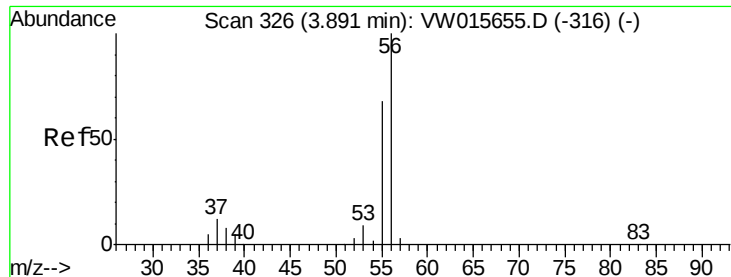
Tgt Ion: 59 Resp: 31164
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 52.114 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 96 Resp: 86368
Ion Ratio Lower Upper
96 100
61 173.5 136.7 205.1
98 61.4 49.2 73.8





#13

Acrolein

Concen: 259.444 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

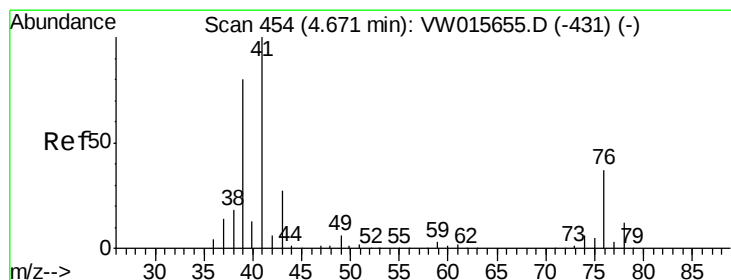
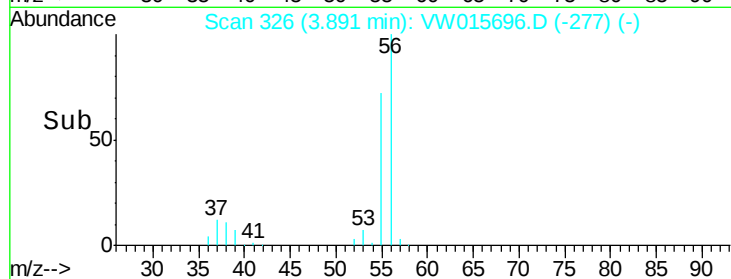
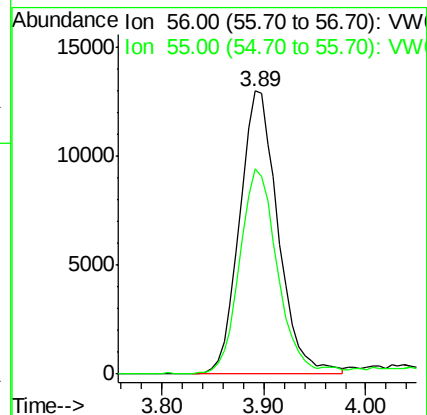
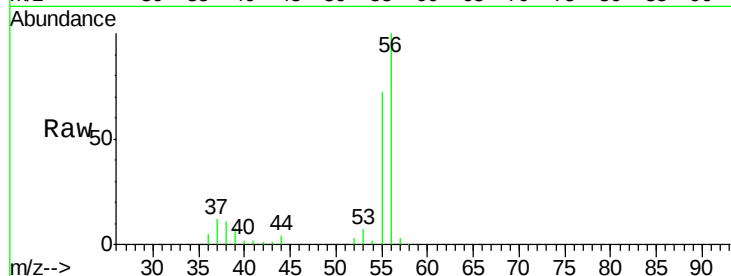
VSTDCCC050EC

Tgt Ion: 56 Resp: 34069

Ion Ratio Lower Upper

56 100

55 70.4 56.2 84.2



#14

Allyl chloride

Concen: 53.355 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

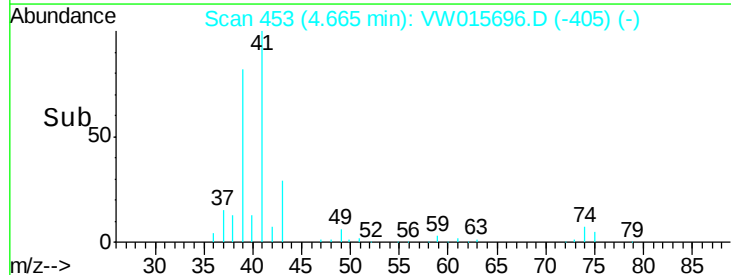
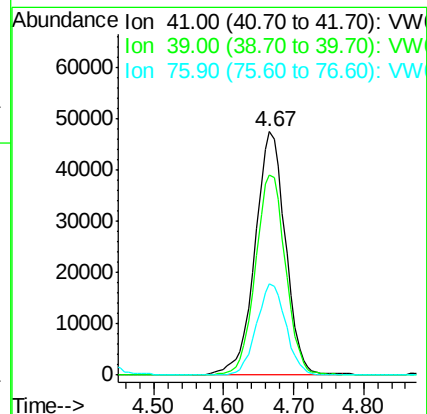
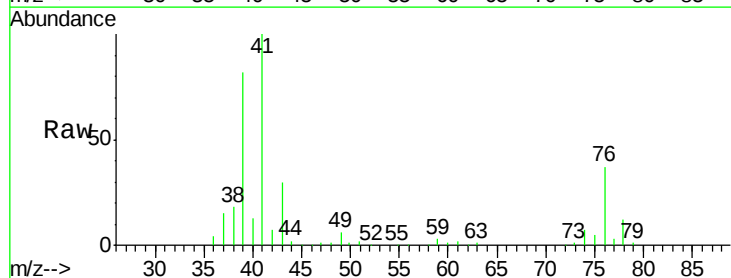
Tgt Ion: 41 Resp: 143457

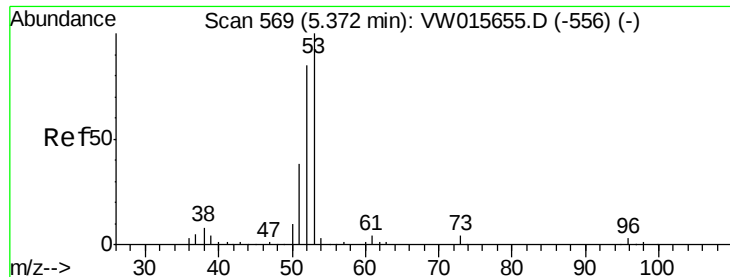
Ion Ratio Lower Upper

41 100

39 81.4 64.6 97.0

76 35.9 29.1 43.7





#15

Acrylonitrile

Concen: 307.065 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

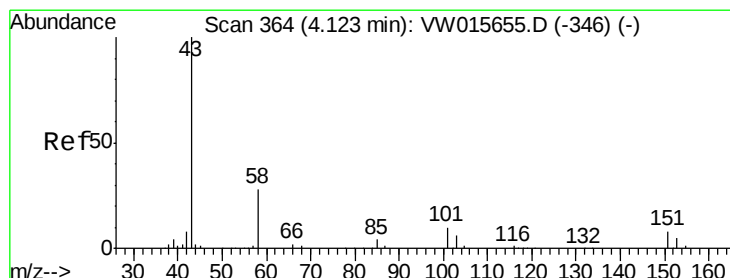
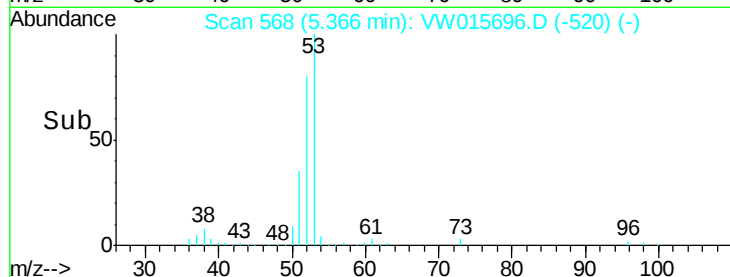
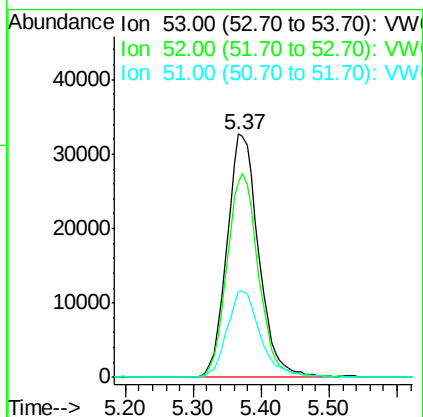
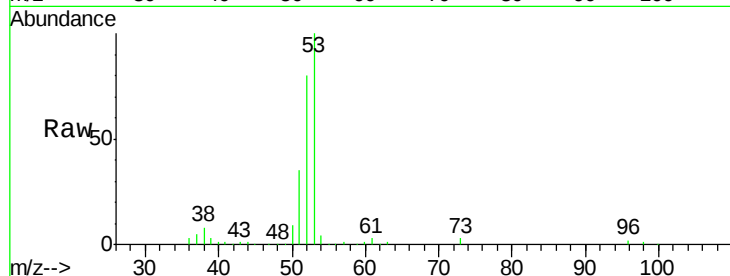
Tgt Ion: 53 Resp: 105650

Ion Ratio Lower Upper

53 100

52 82.9 65.8 98.6

51 37.6 30.7 46.1



#16

Acetone

Concen: 247.948 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015696.D

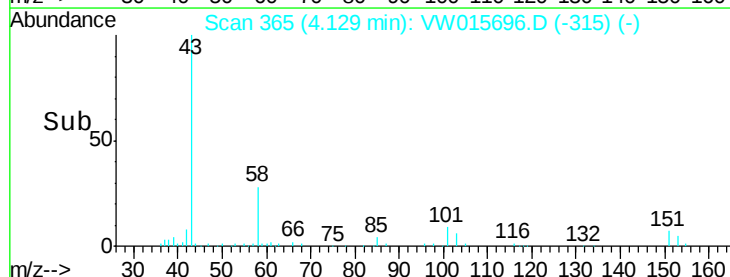
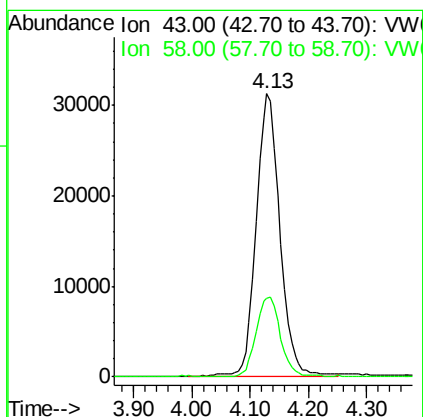
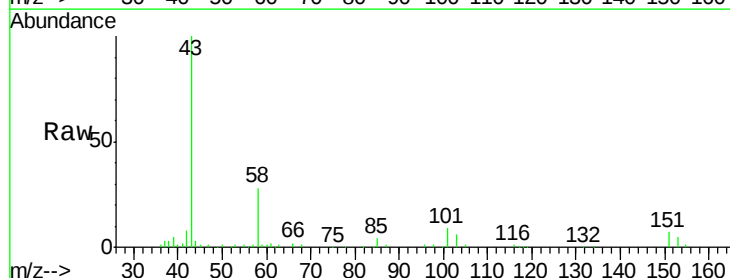
Acq: 24 Jun 2020 21:01

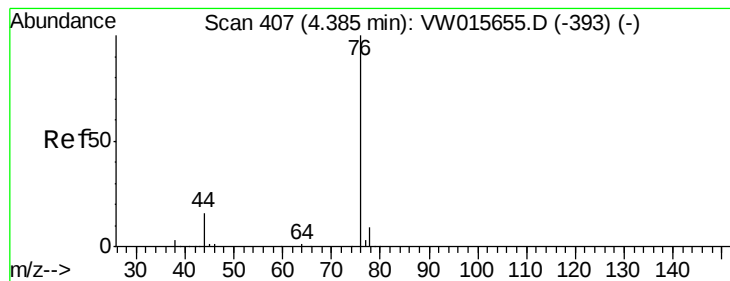
Tgt Ion: 43 Resp: 89102

Ion Ratio Lower Upper

43 100

58 27.4 22.6 33.8





#17

Carbon Disulfide

Concen: 52.496 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

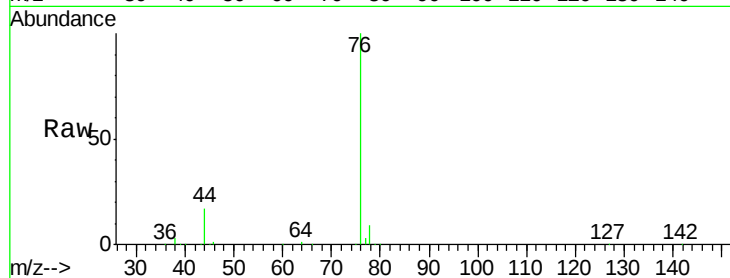
VSTDCCC050EC

Tgt Ion: 76 Resp: 250401

Ion Ratio Lower Upper

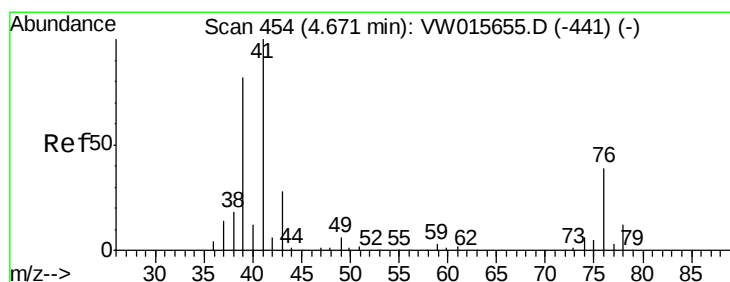
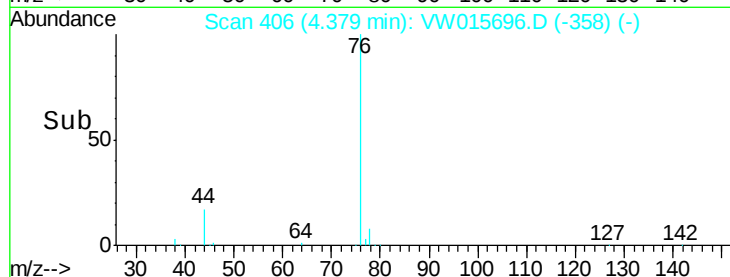
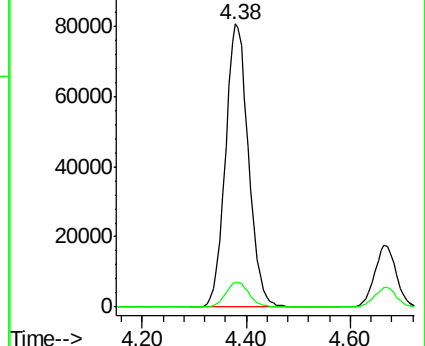
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 65.197 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015696.D

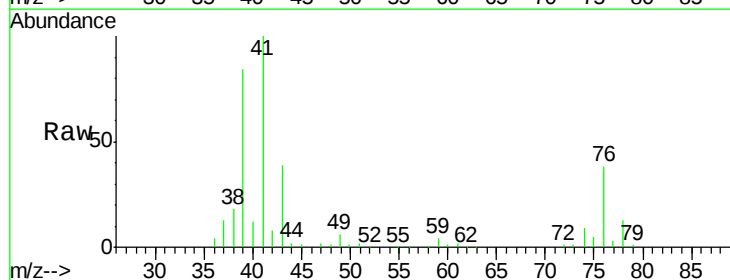
Acq: 24 Jun 2020 21:01

Tgt Ion: 43 Resp: 47428

Ion Ratio Lower Upper

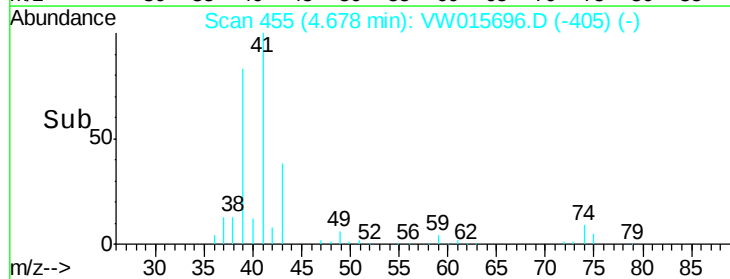
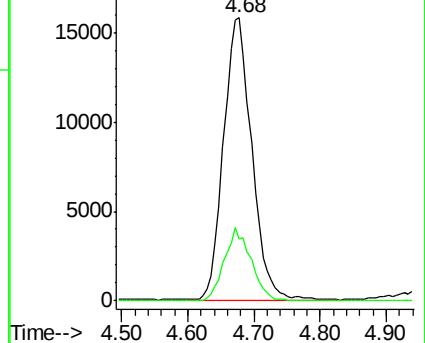
43 100

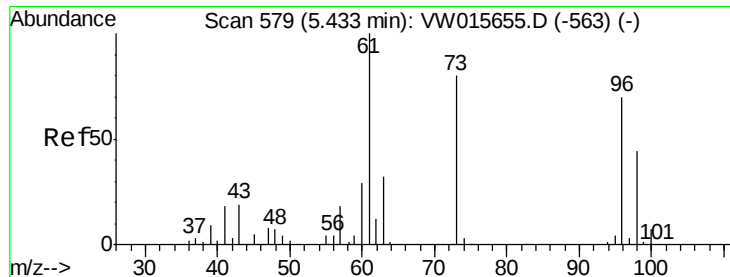
74 24.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

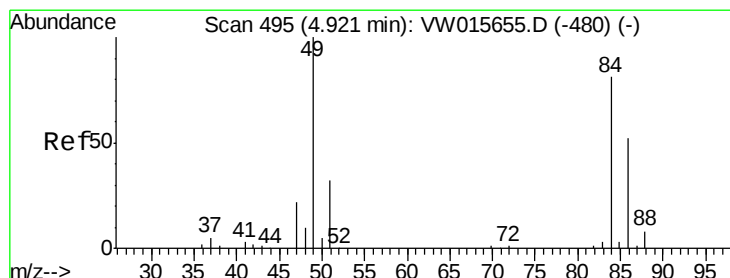
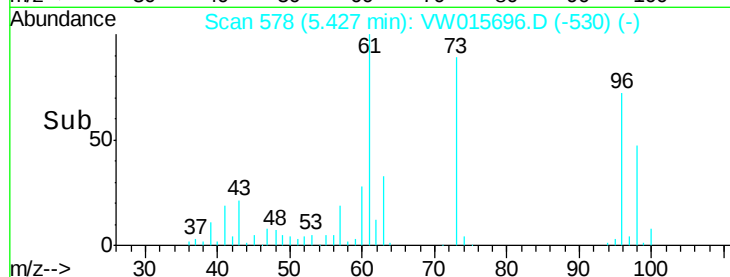
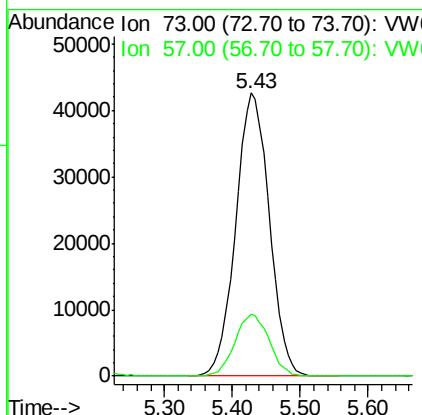
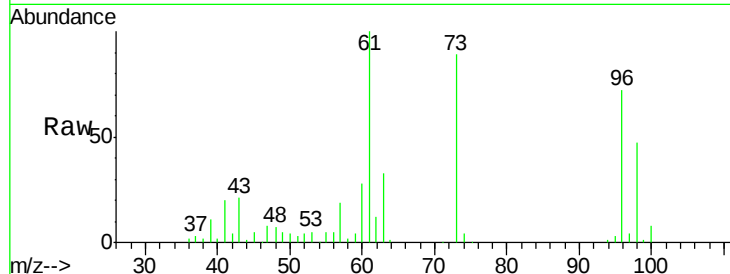




#19
Methyl tert-butyl Ether
Concen: 58.665 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

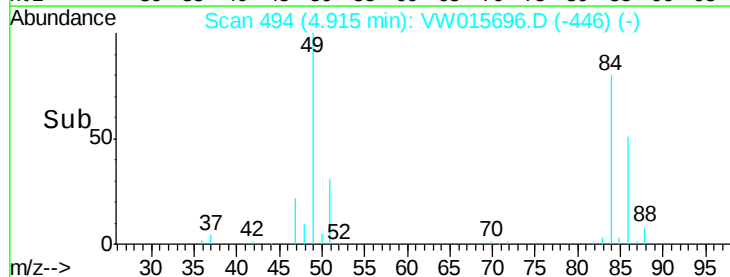
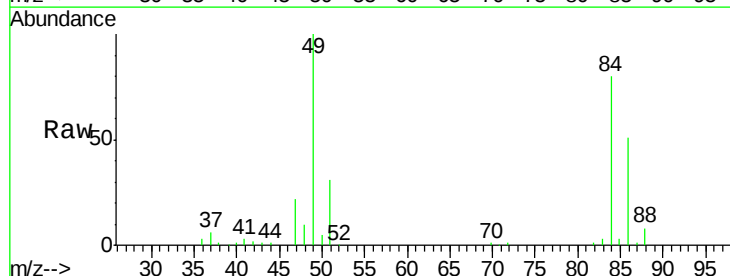
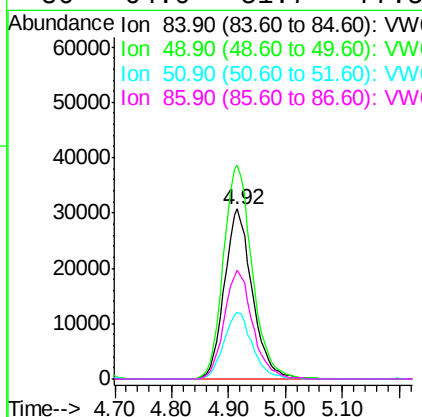
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

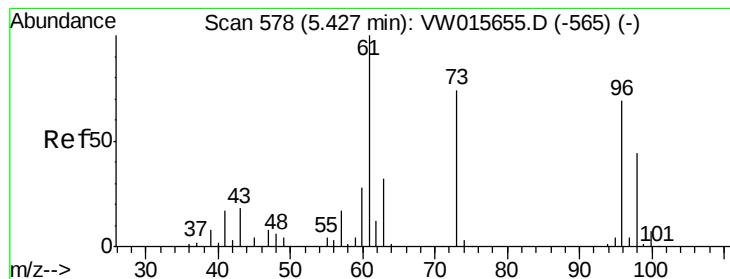
Tgt Ion: 73 Resp: 146321
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1



#20
Methylene Chloride
Concen: 61.129 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 84 Resp: 105254
Ion Ratio Lower Upper
84 100
49 125.7 99.3 148.9
51 39.3 31.8 47.6
86 64.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 54.825 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

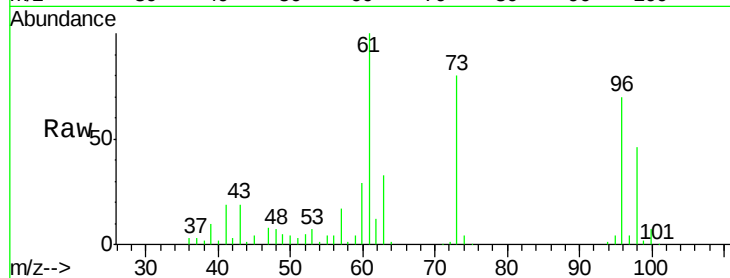
Tgt Ion: 96 Resp: 104173

Ion Ratio Lower Upper

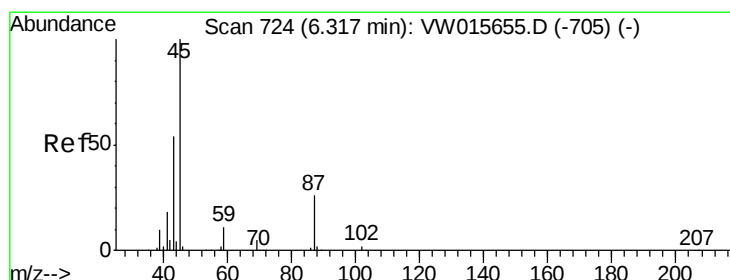
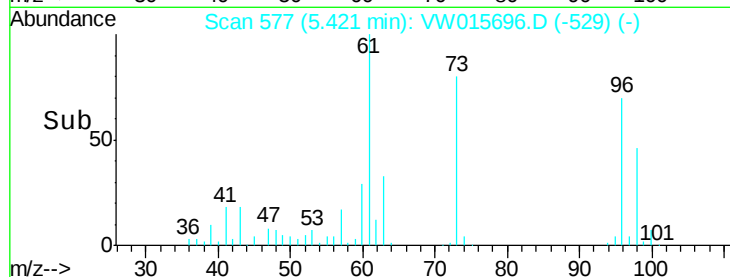
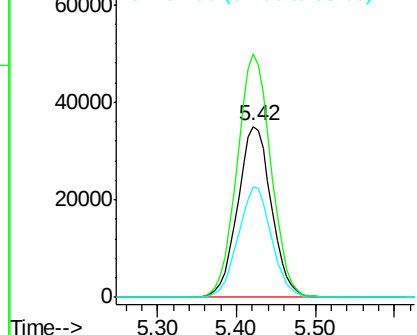
96 100

61 142.7 116.2 174.2

98 65.0 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: 57.337 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion: 45 Resp: 306617

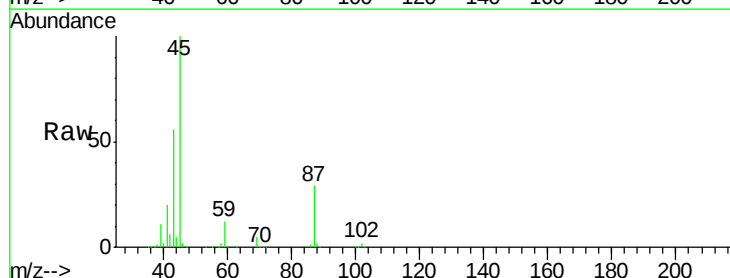
Ion Ratio Lower Upper

45 100

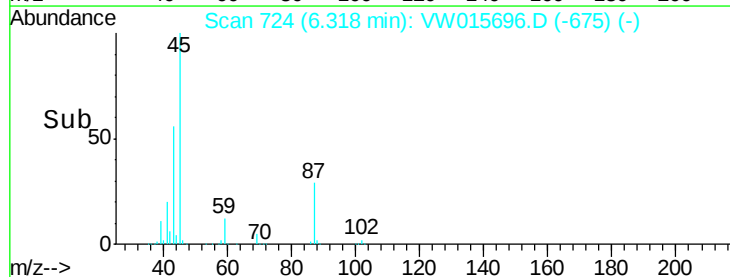
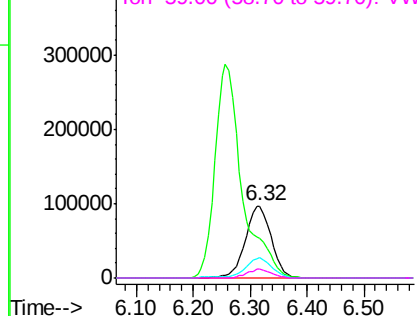
43 55.3 43.9 65.9

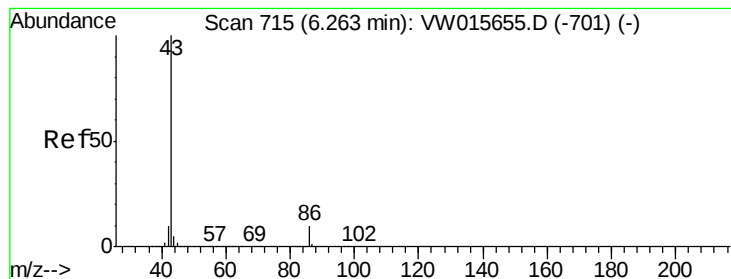
87 28.7 21.2 31.8

59 11.8 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: 305.534 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

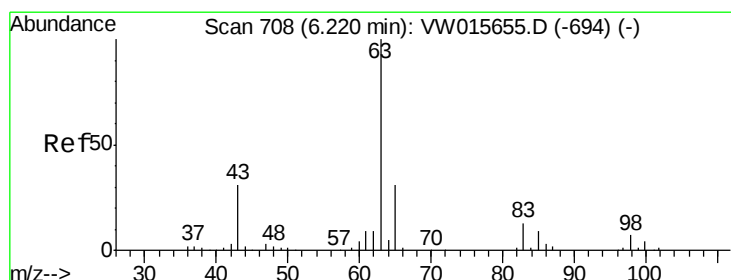
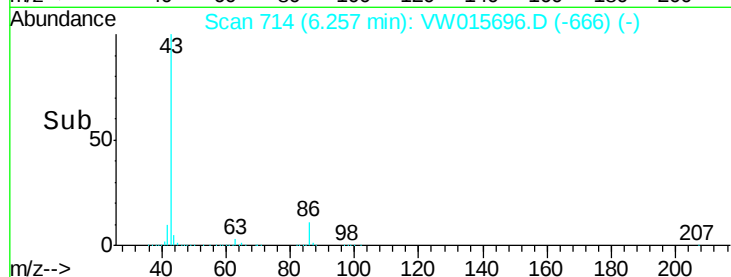
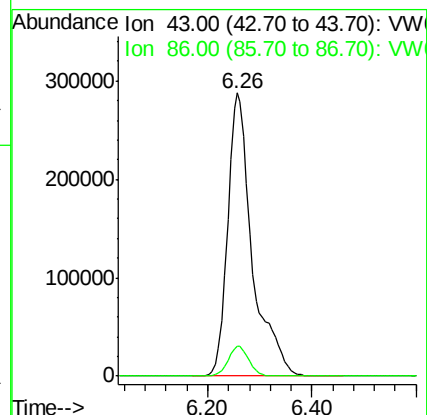
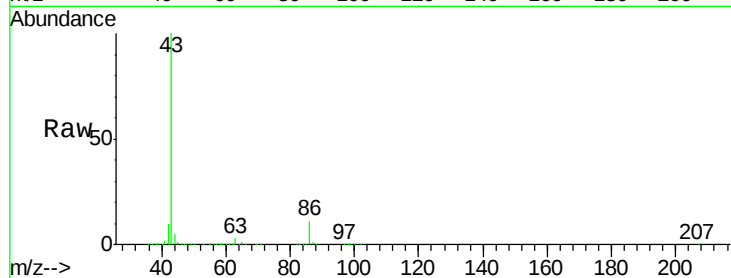
VSTDCCC050EC

Tgt Ion: 43 Resp: 952816

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5



#24

1,1-Dichloroethane

Concen: 55.223 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

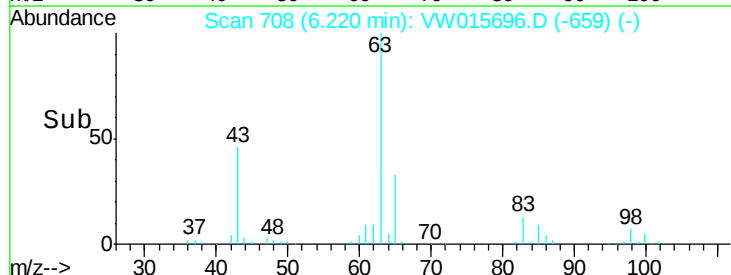
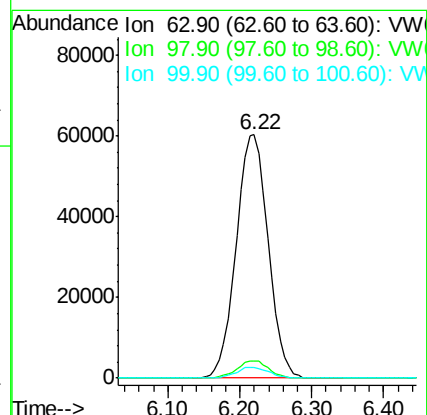
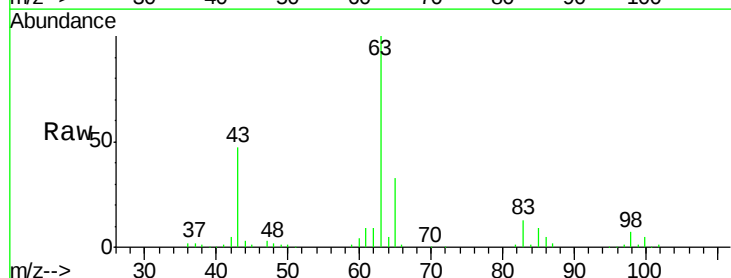
Tgt Ion: 63 Resp: 185892

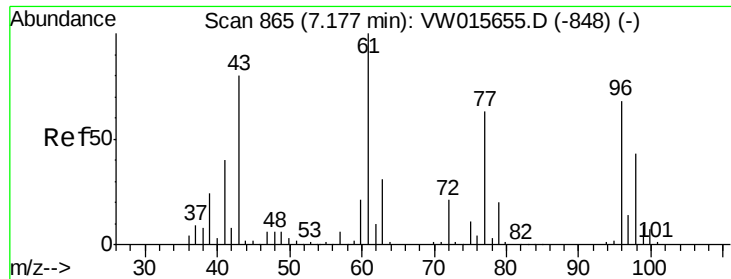
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.5 2.1 6.3

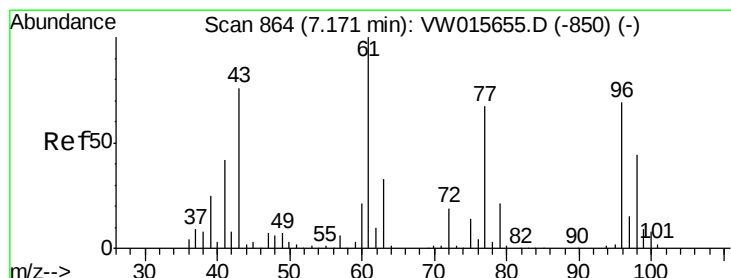
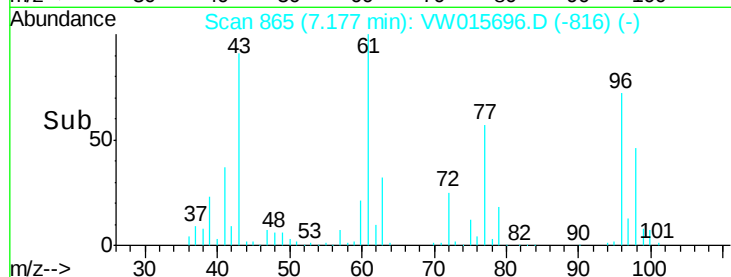
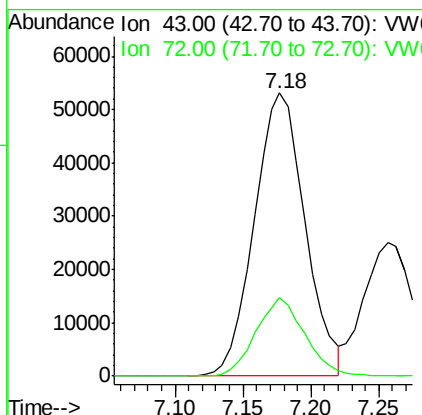
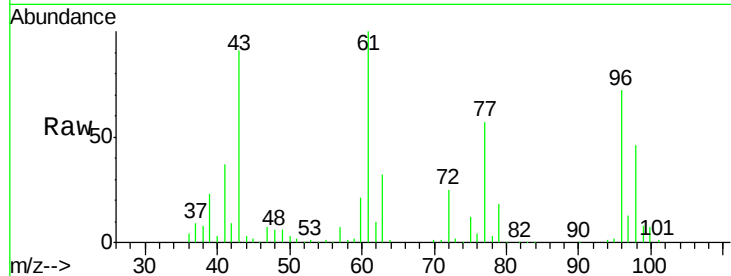




#25
2-Butanone
Concen: 284.493 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

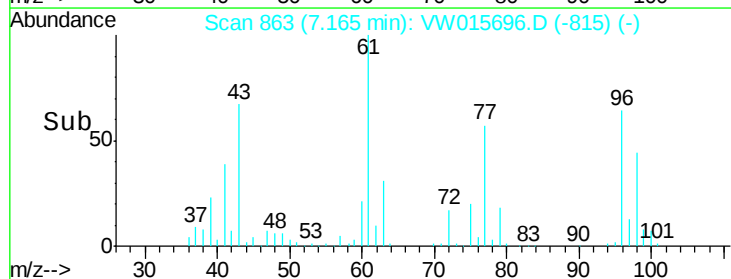
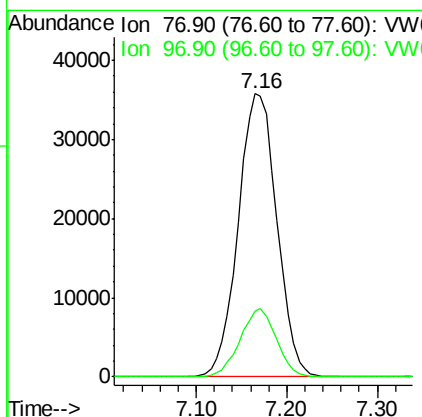
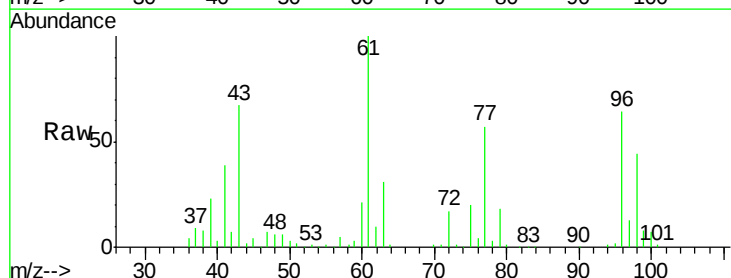
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

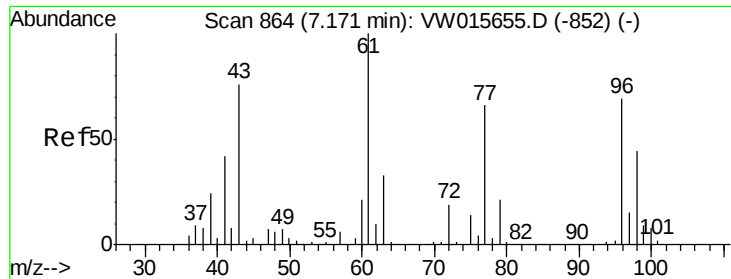
Tgt Ion: 43 Resp: 138173
Ion Ratio Lower Upper
43 100
72 27.7 21.1 31.7



#26
2,2-Dichloropropane
Concen: 46.685 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 77 Resp: 105403
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5



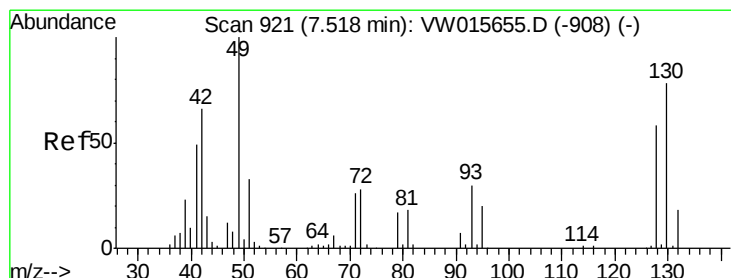
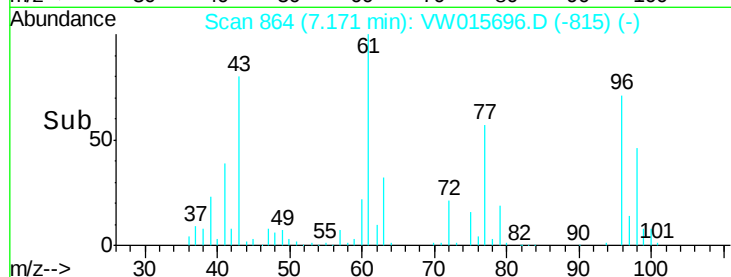
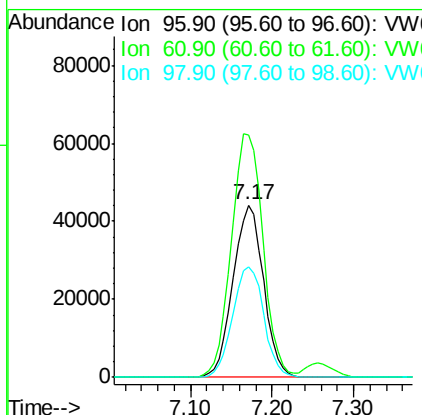
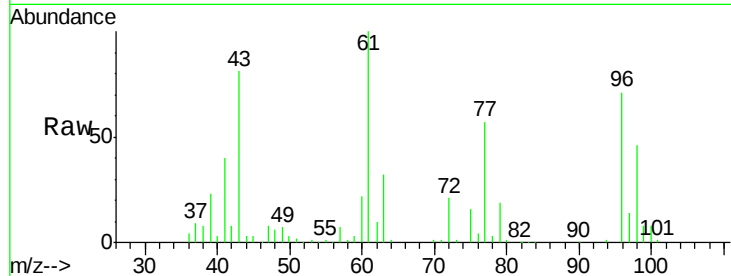


#27

cis-1,2-Dichloroethene
 Concen: 55.790 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

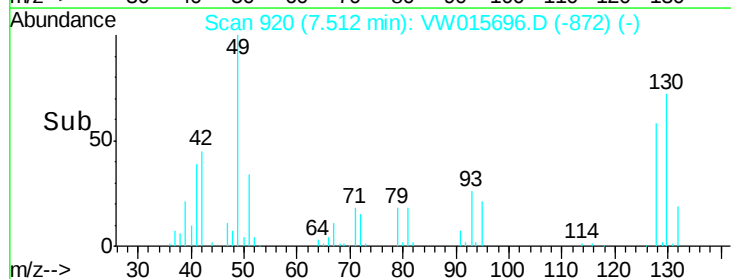
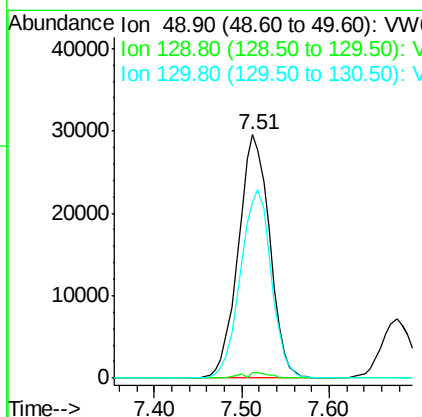
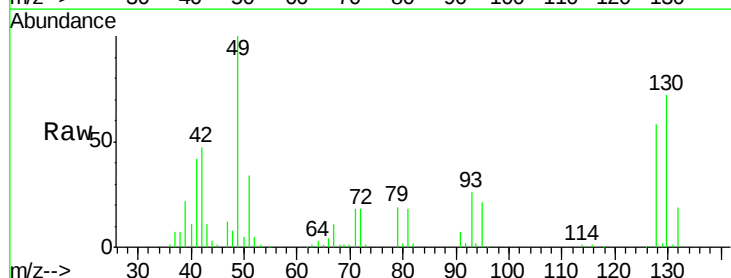
Tgt Ion: 96 Resp: 114035
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 296.8
 98 65.5 0.0 128.0



#28

Bromochloromethane
 Concen: 56.716 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 49 Resp: 73439
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.2
 130 76.4 61.0 91.4

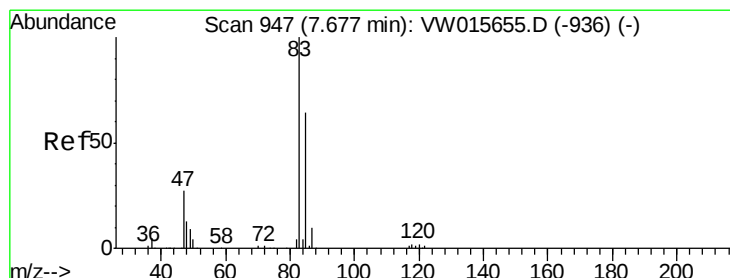
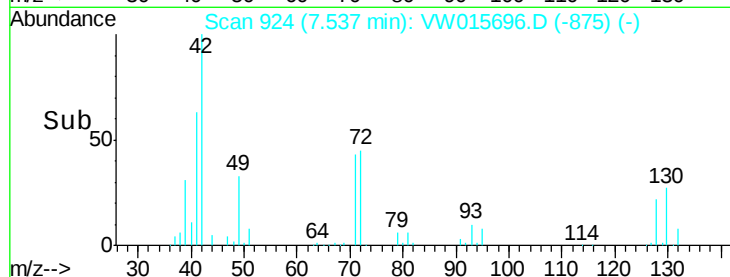
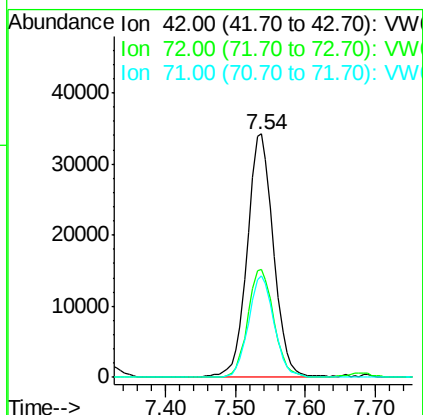
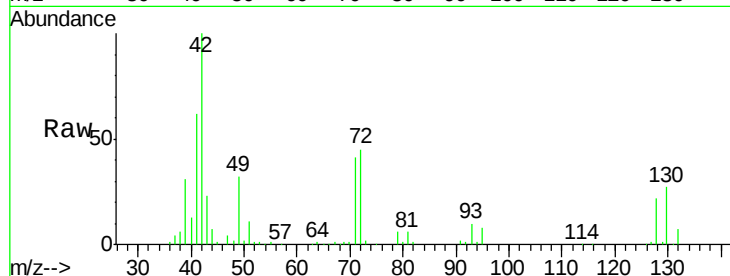




#29
Tetrahydrofuran
Concen: 313.458 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

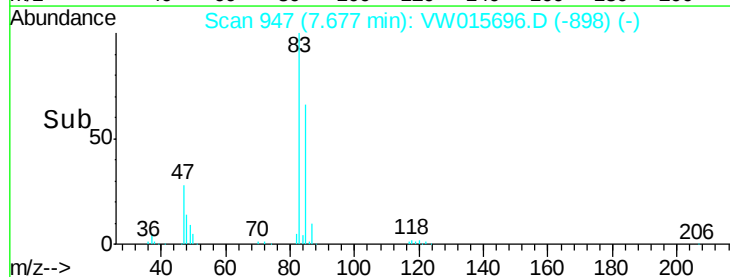
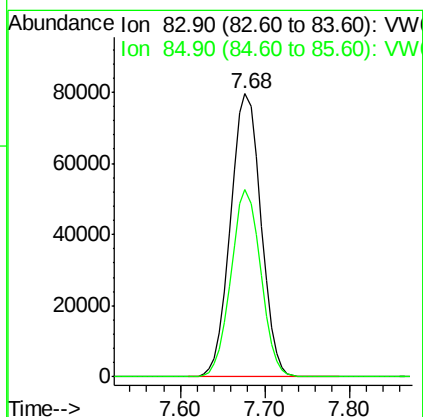
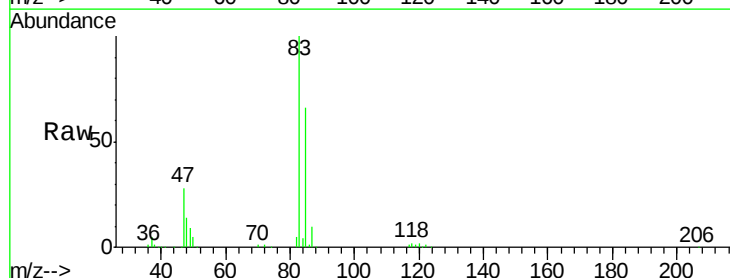
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

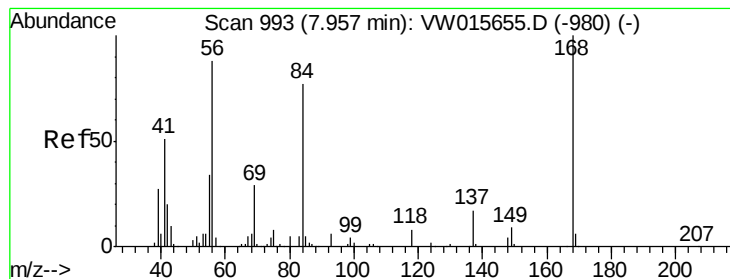
Tgt Ion: 42 Resp: 89463
Ion Ratio Lower Upper
42 100
72 43.9 35.0 52.6
71 40.5 32.6 49.0



#30
Chloroform
Concen: 56.152 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 83 Resp: 193854
Ion Ratio Lower Upper
83 100
85 66.1 51.0 76.4





#31

Cyclohexane

Concen: 49.061 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

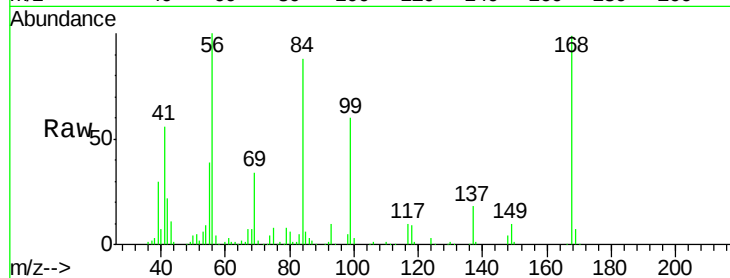
Tgt Ion: 56 Resp: 159753

Ion Ratio Lower Upper

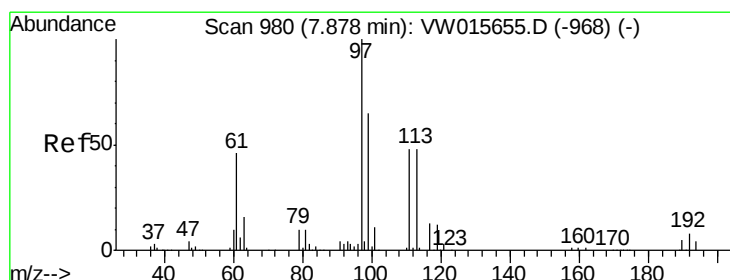
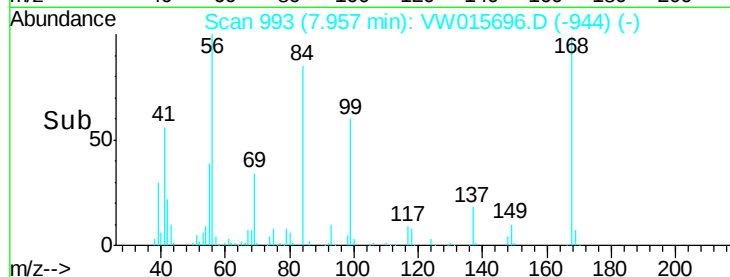
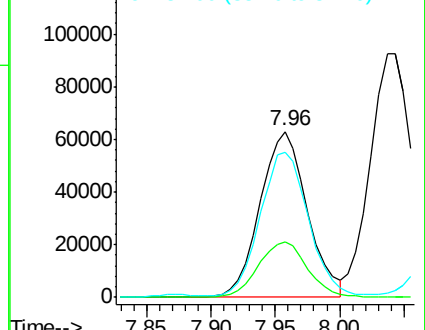
56 100

69 33.7 26.2 39.4

84 86.5 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 53.230 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

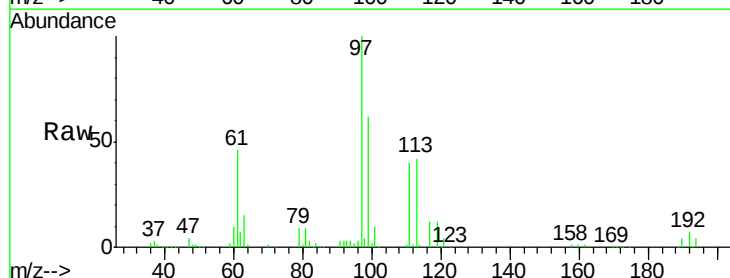
Tgt Ion: 97 Resp: 156644

Ion Ratio Lower Upper

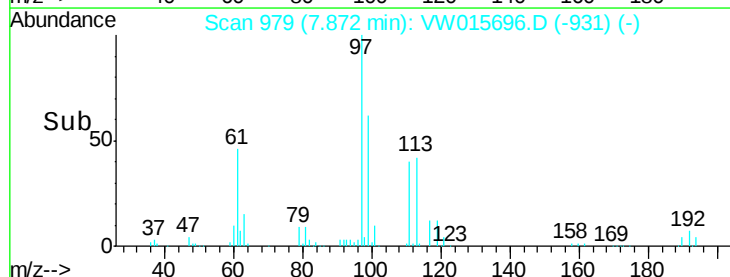
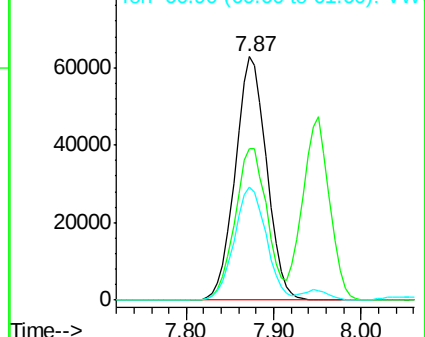
97 100

99 64.4 51.9 77.9

61 47.4 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

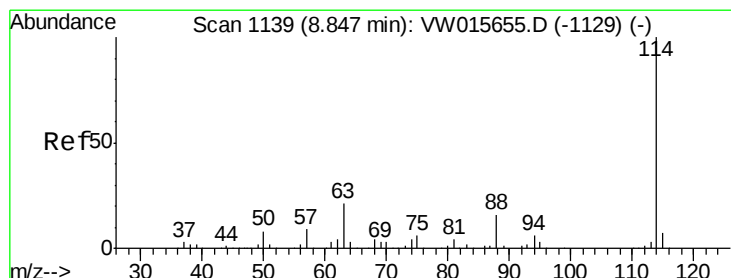
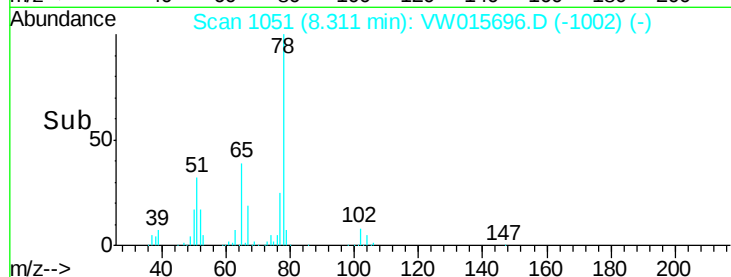
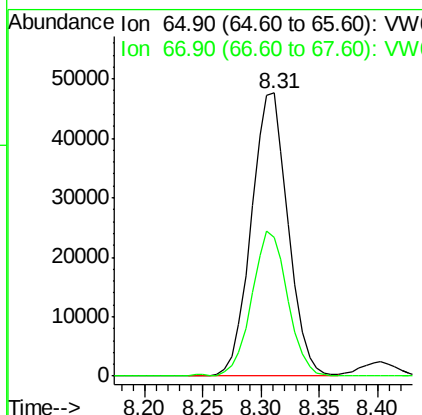
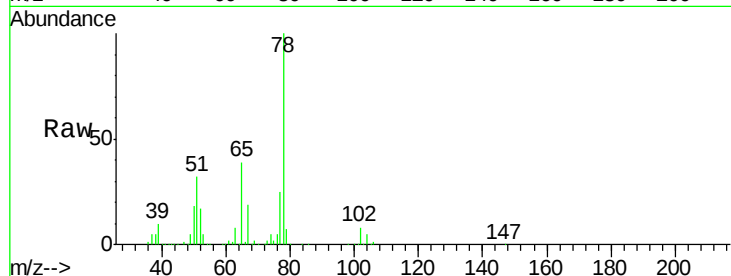




#33
 1,2-Dichloroethane-d4
 Concen: 55.489 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

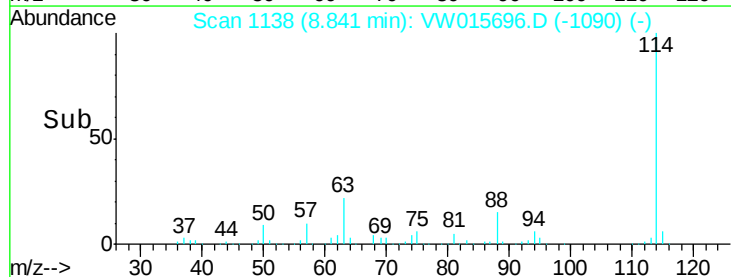
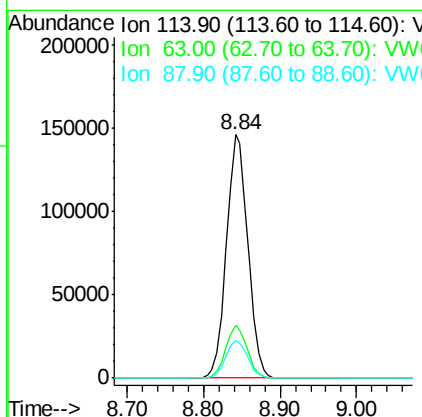
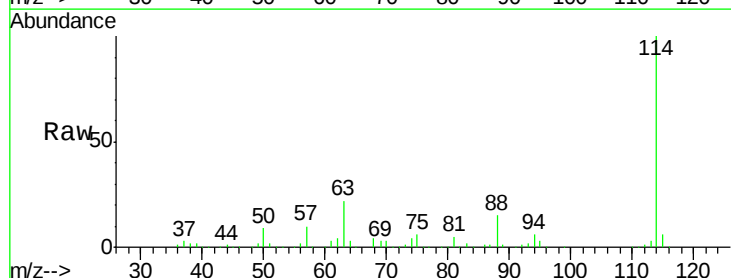
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

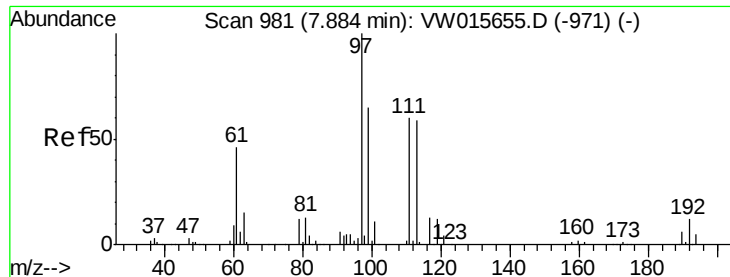
Tgt Ion: 65 Resp: 104893
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 114 Resp: 281022
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 15.4 0.0 32.6

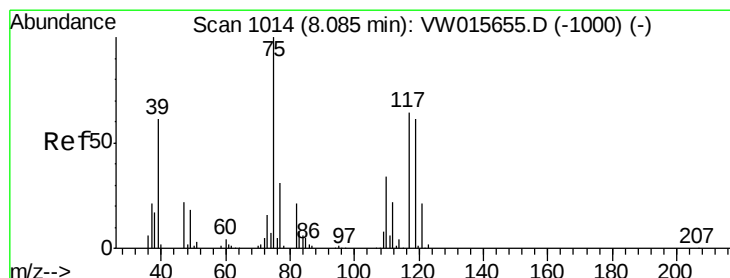
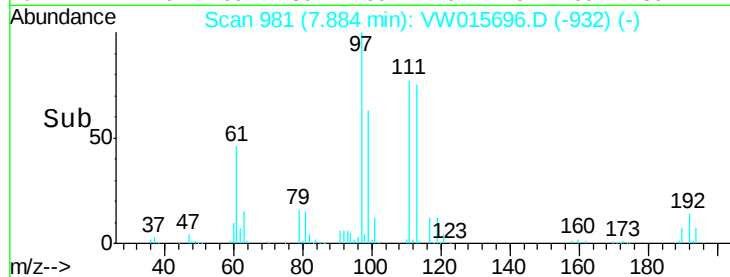
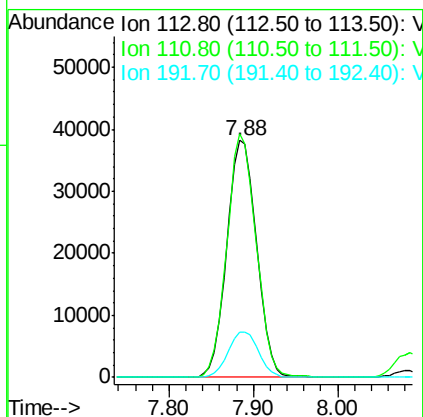
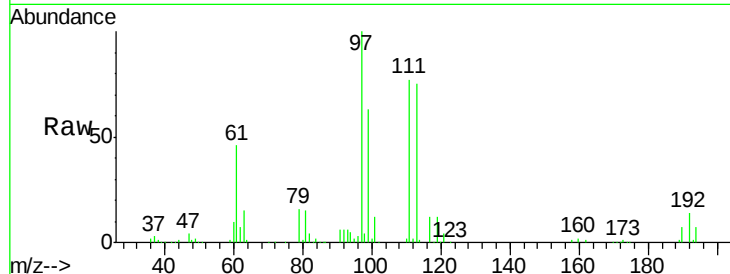




#35
 Dibromofluoromethane
 Concen: 51.850 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

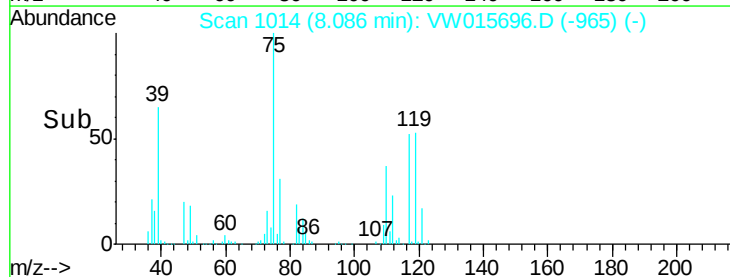
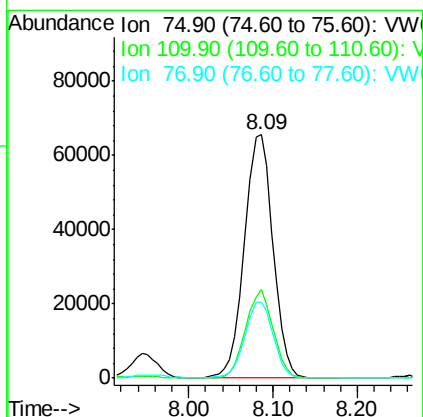
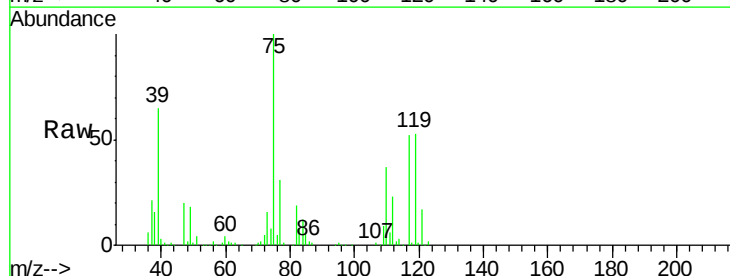
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

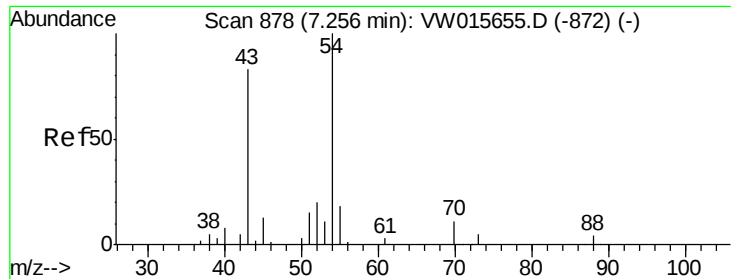
Tgt Ion:113 Resp: 91656
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.3 123.5
 192 19.5 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 51.350 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 75 Resp: 150091
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.0 51.0
 77 31.3 24.6 36.8

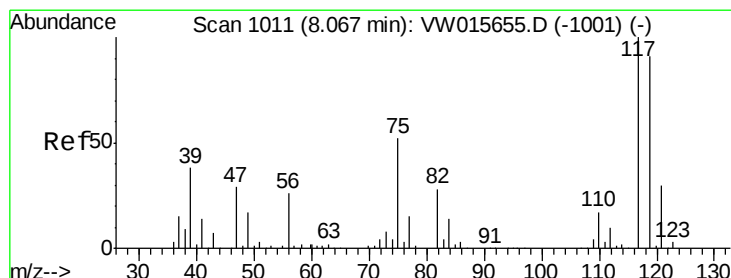
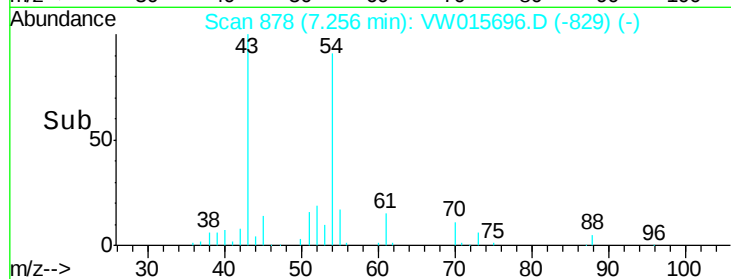
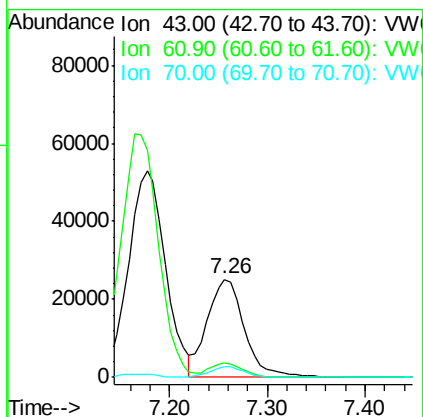
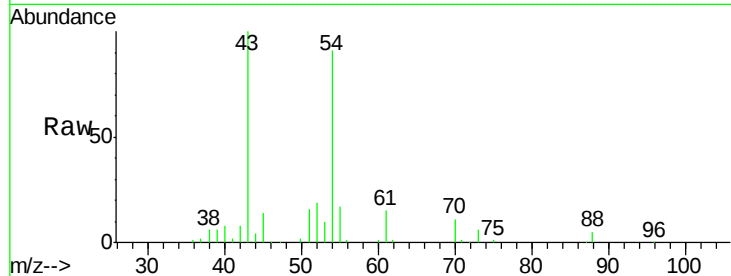




#37
Ethyl Acetate
Concen: 58.360 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

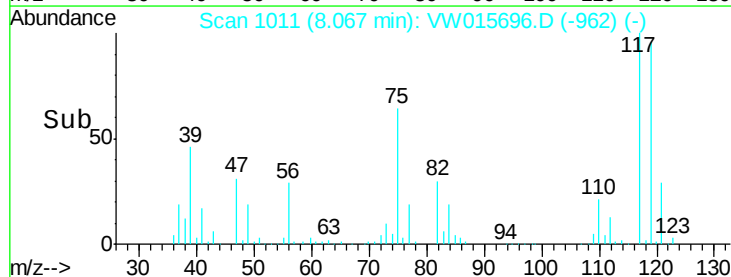
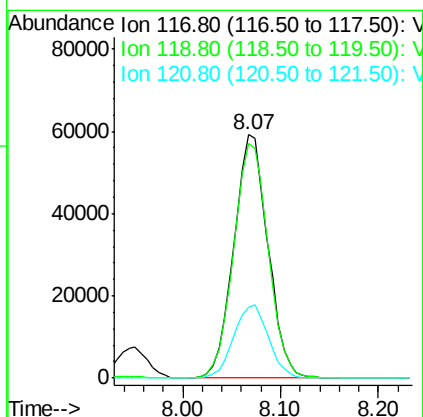
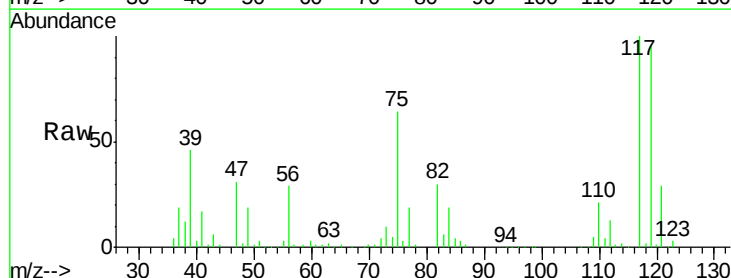
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 65132
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 50.571 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 117 Resp: 143283
Ion Ratio Lower Upper
117 100
119 96.2 73.2 109.8
121 29.2 23.9 35.9

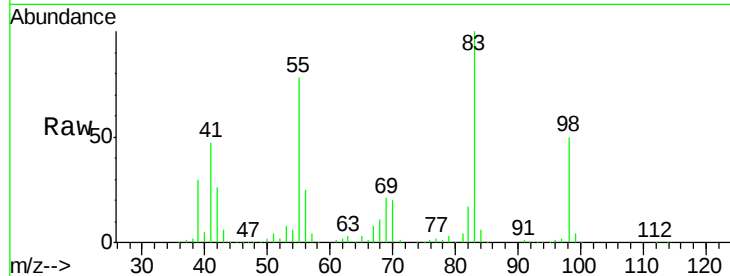




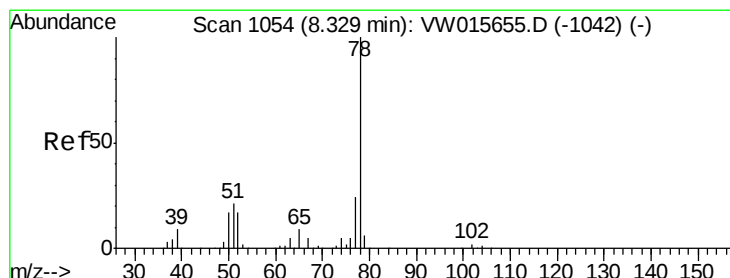
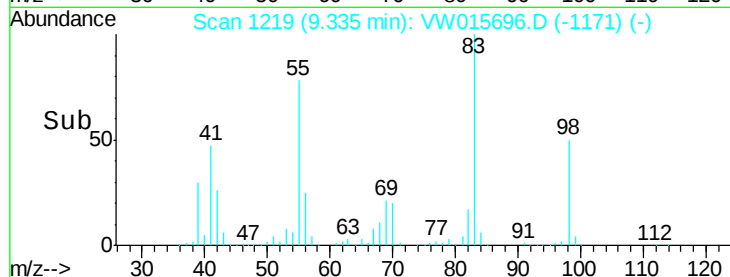
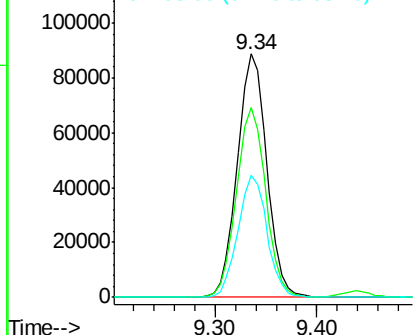
#39
Methylcyclohexane
Concen: 50.240 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 177864
Ion Ratio Lower Upper
83 100
55 78.1 62.8 94.2
98 49.9 39.9 59.9

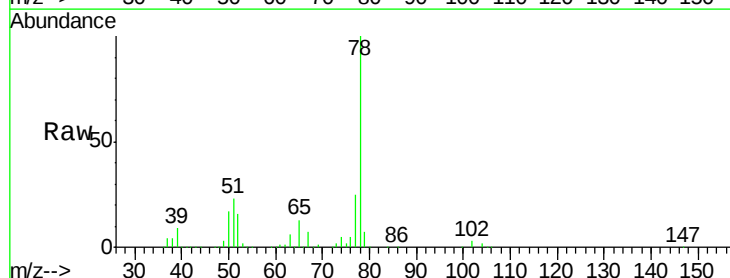


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

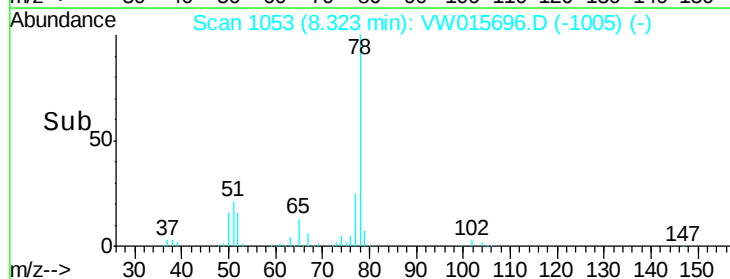
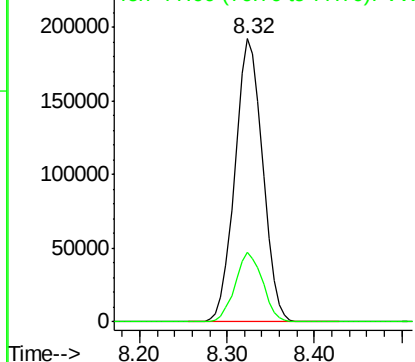


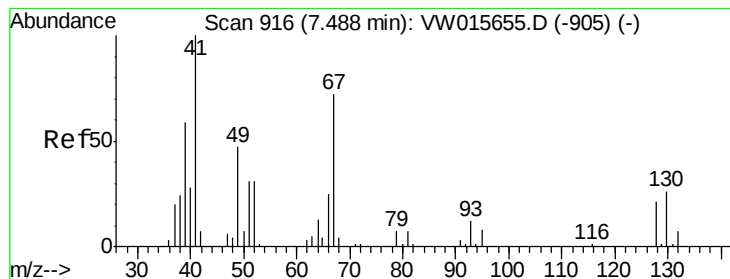
#40
Benzene
Concen: 53.334 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 78 Resp: 423879
Ion Ratio Lower Upper
78 100
77 24.7 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: 58.912 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 37734

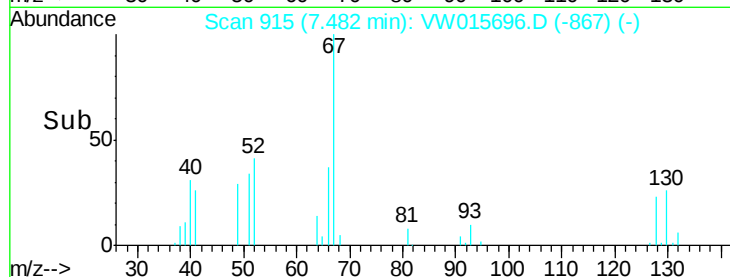
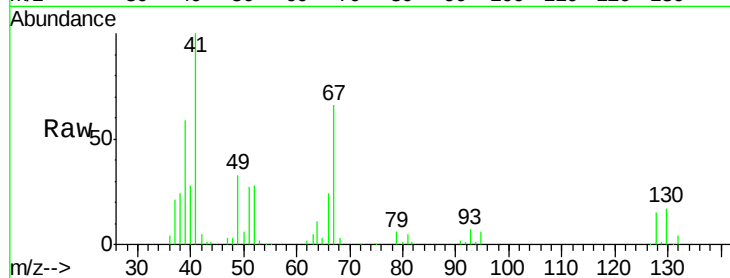
Ion Ratio Lower Upper

41 100

39 57.8 52.0 78.0

67 69.7 57.5 86.3

52 32.1 26.5 39.7

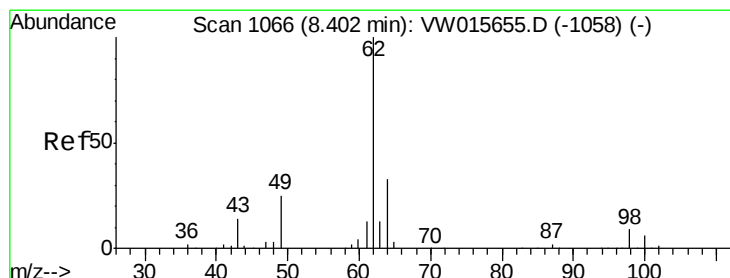
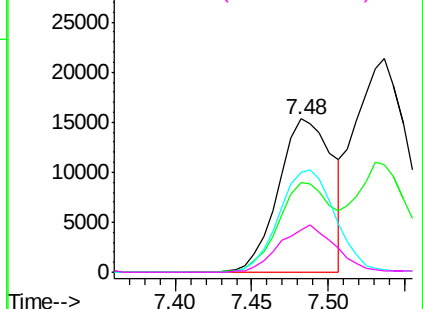


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 56.411 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW015696.D

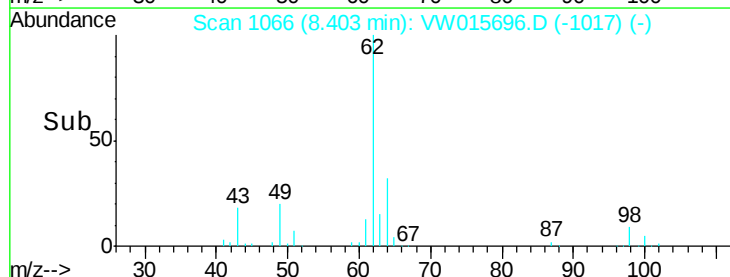
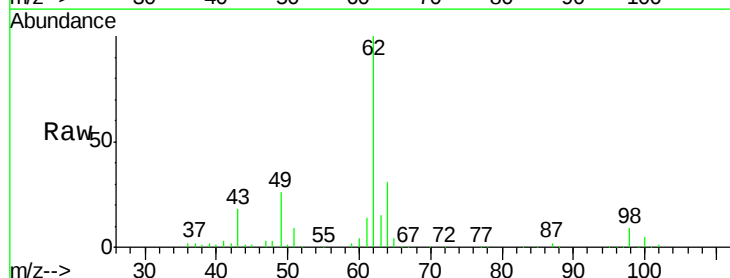
Acq: 24 Jun 2020 21:01

Tgt Ion: 62 Resp: 138697

Ion Ratio Lower Upper

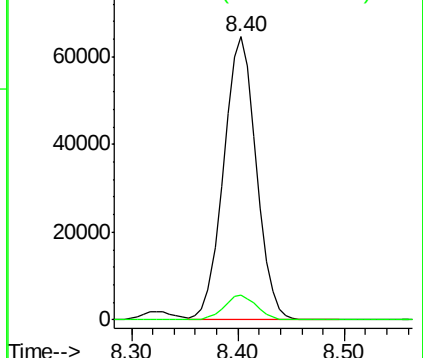
62 100

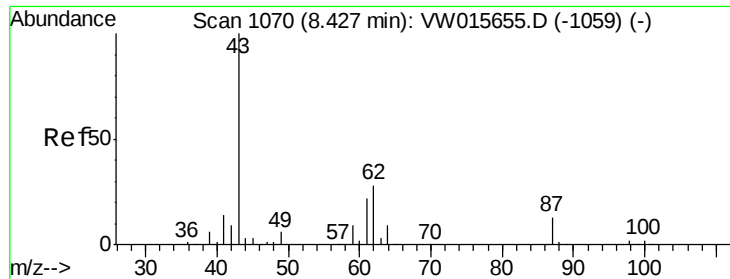
98 8.7 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 58.464 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

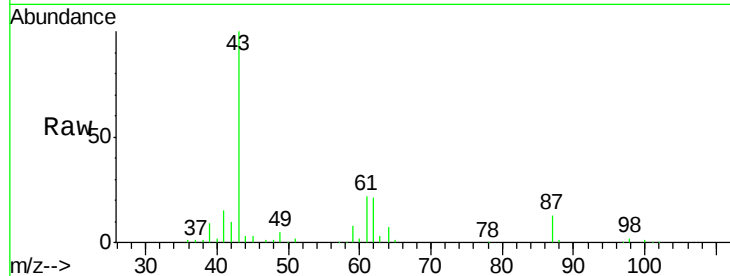
Tgt Ion: 43 Resp: 130206

Ion Ratio Lower Upper

43 100

61 30.5 24.7 37.1

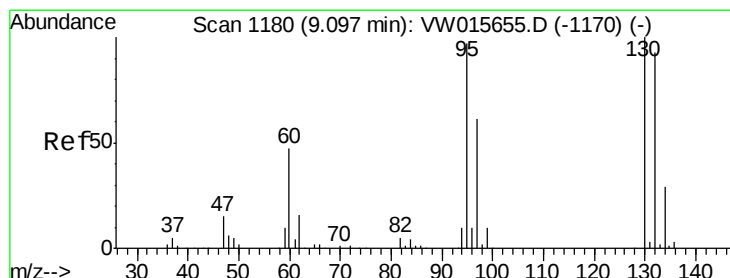
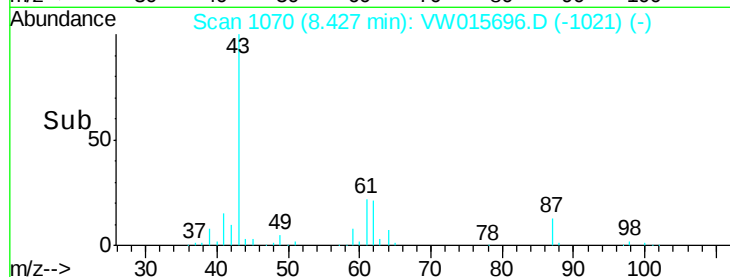
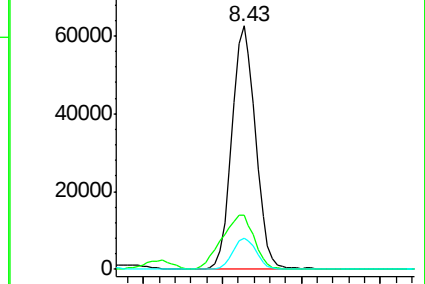
87 12.8 10.2 15.2



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: 51.882 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015696.D

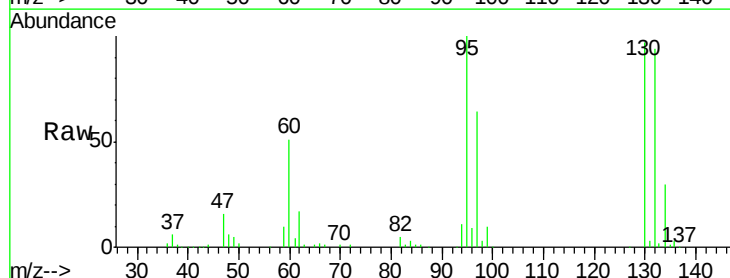
Acq: 24 Jun 2020 21:01

Tgt Ion: 130 Resp: 111140

Ion Ratio Lower Upper

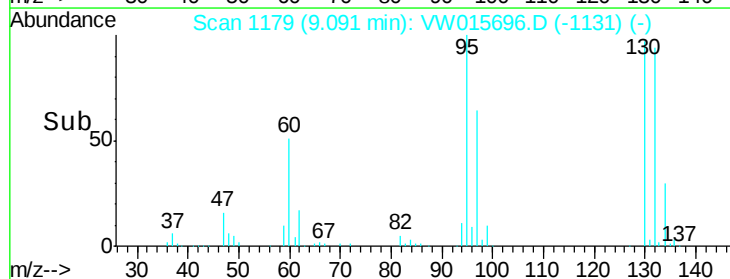
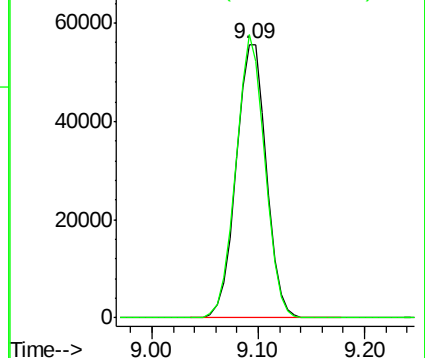
130 100

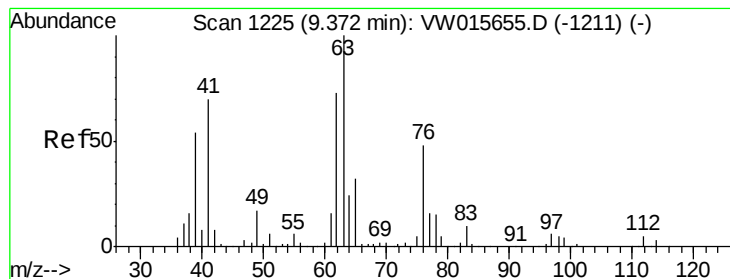
95 103.4 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 54.333 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

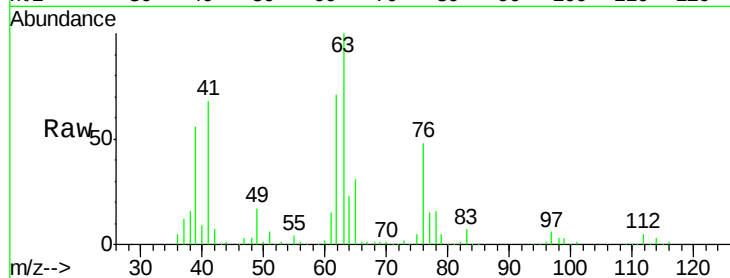
VSTDCCC050EC

Tgt Ion: 63 Resp: 105549

Ion Ratio Lower Upper

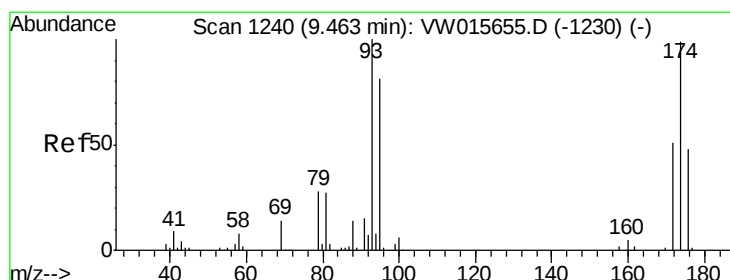
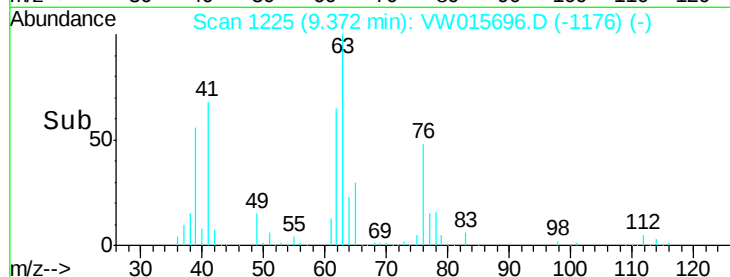
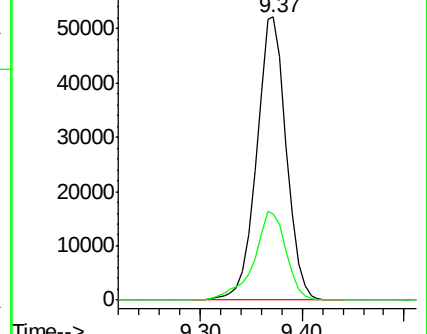
63 100

65 30.7 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 56.498 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

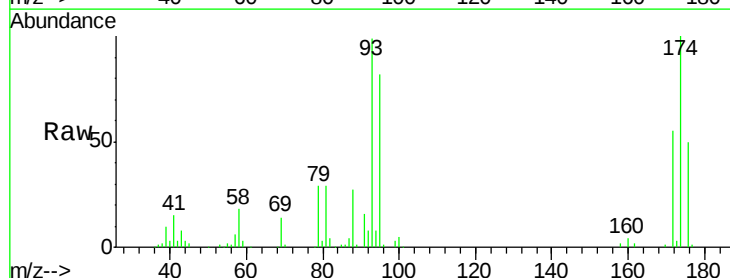
Tgt Ion: 93 Resp: 56787

Ion Ratio Lower Upper

93 100

95 83.2 65.7 98.5

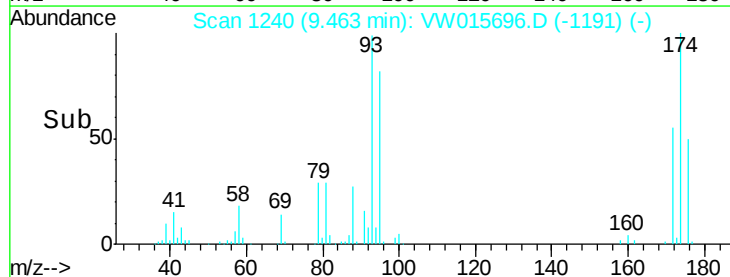
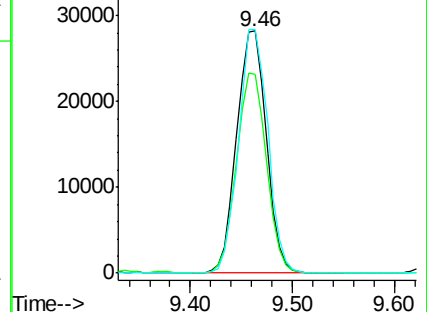
174 99.5 79.0 118.6

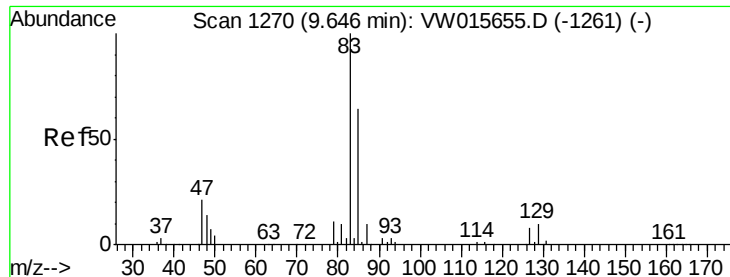


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

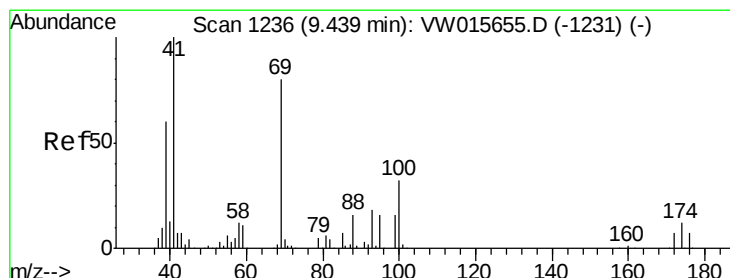
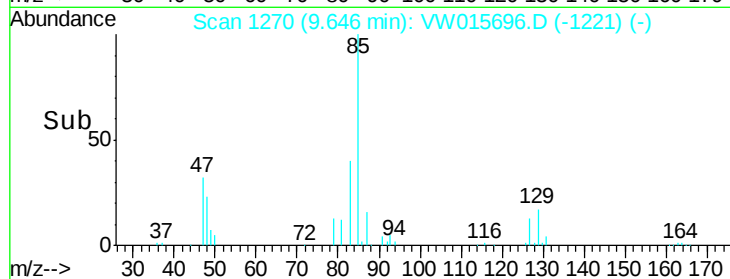
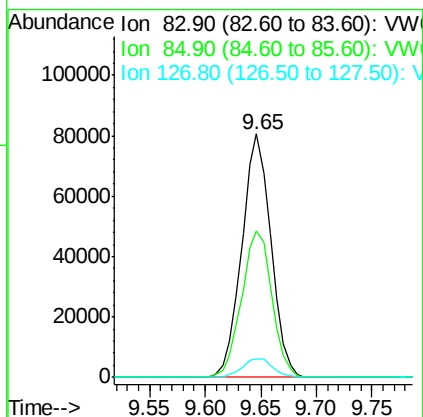
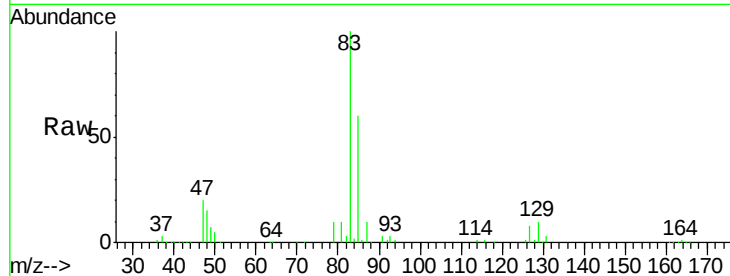




#47
 Bromodichloromethane
 Concen: 55.780 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

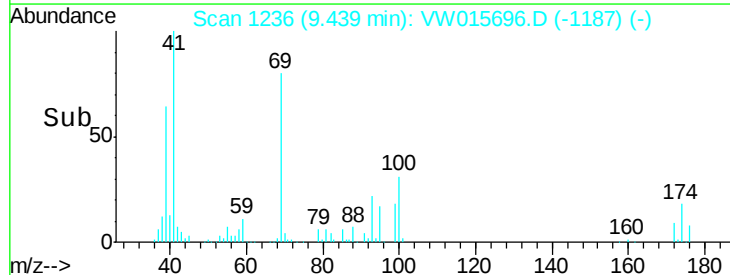
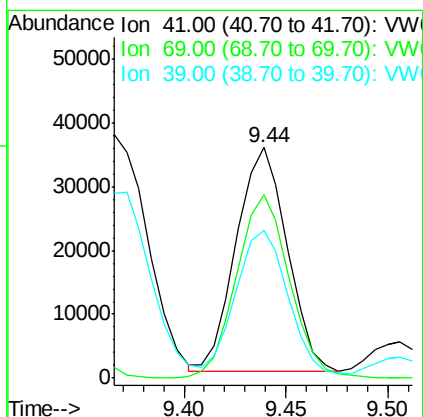
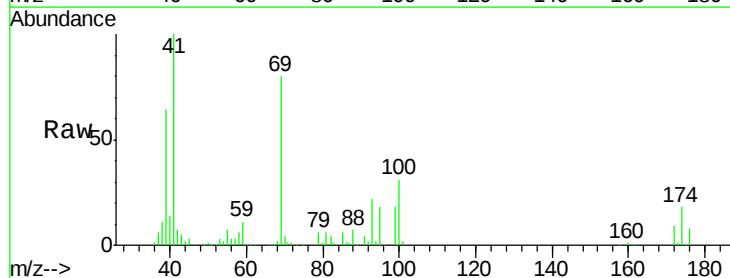
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

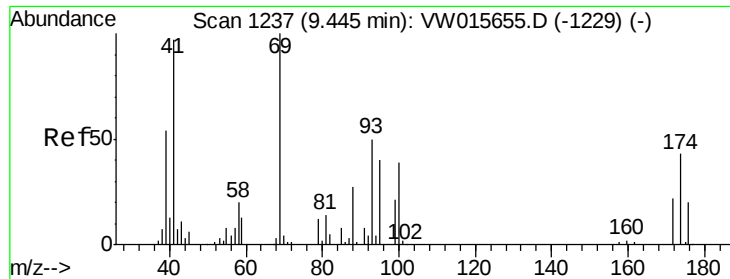
Tgt Ion: 83 Resp: 146244
 Ion Ratio Lower Upper
 83 100
 85 60.3 50.8 76.2
 127 7.6 6.3 9.5



#48
 Methyl methacrylate
 Concen: 59.706 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 41 Resp: 60794
 Ion Ratio Lower Upper
 41 100
 69 84.8 68.2 102.2
 39 69.2 49.8 74.6





#49

1,4-Dioxane

Concen: 1285.586 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

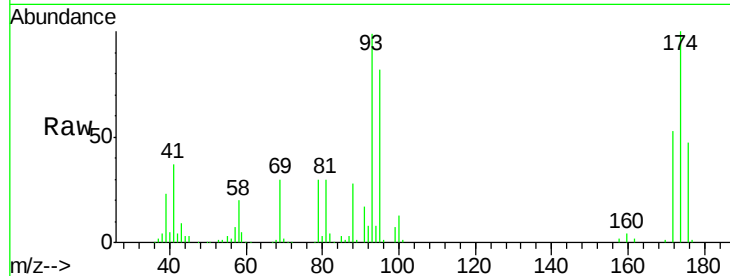
Tgt Ion: 88 Resp: 16951

Ion Ratio Lower Upper

88 100

43 29.1 30.1 45.1#

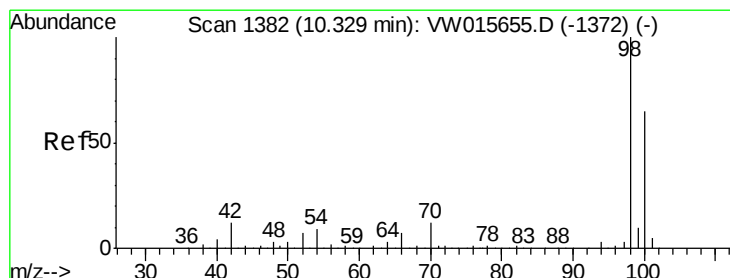
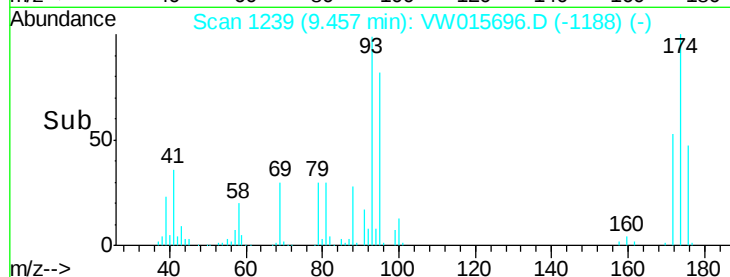
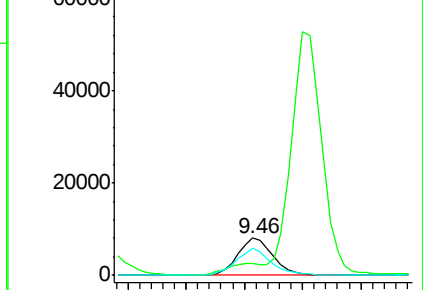
58 73.3 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.767 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015696.D

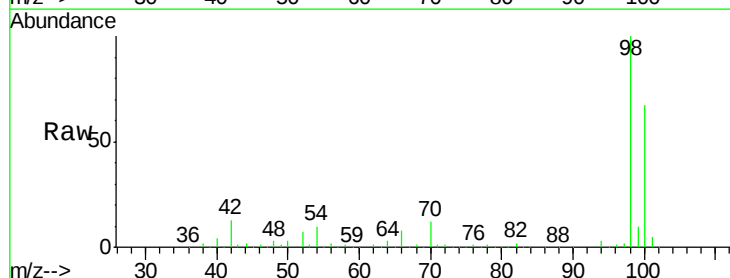
Acq: 24 Jun 2020 21:01

Tgt Ion: 98 Resp: 353166

Ion Ratio Lower Upper

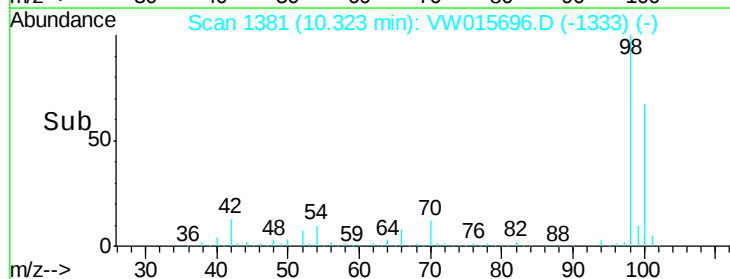
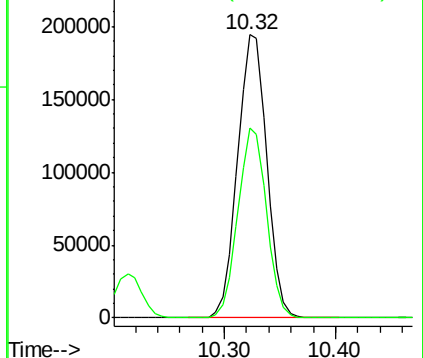
98 100

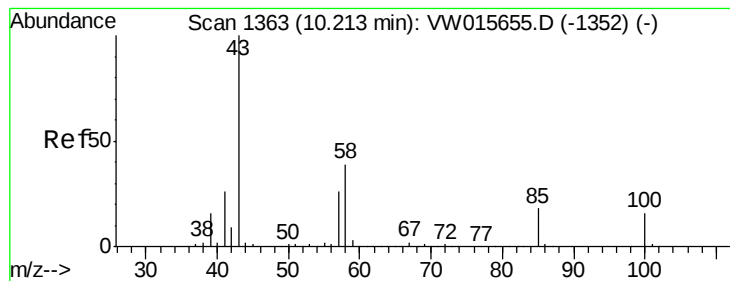
100 65.6 52.8 79.2



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: 305.143 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

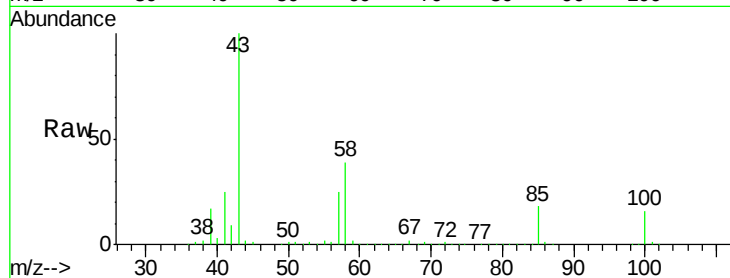
VSTDCCC050EC

Tgt Ion: 43 Resp: 327735

Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

200000

150000

100000

50000

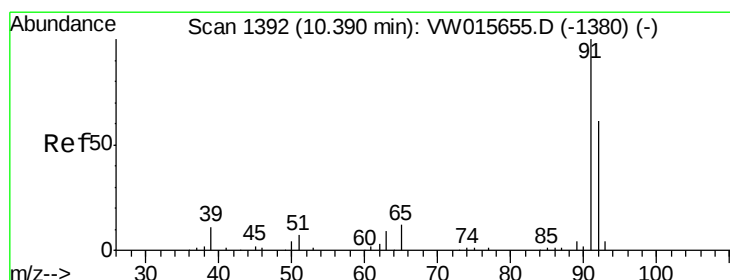
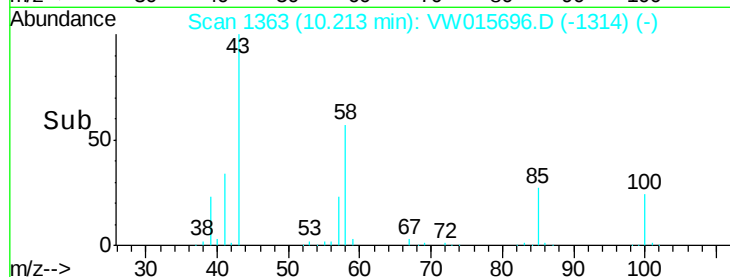
0

Time-->

10.10

10.20

10.30



#52

Toluene

Concen: 54.973 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015696.D

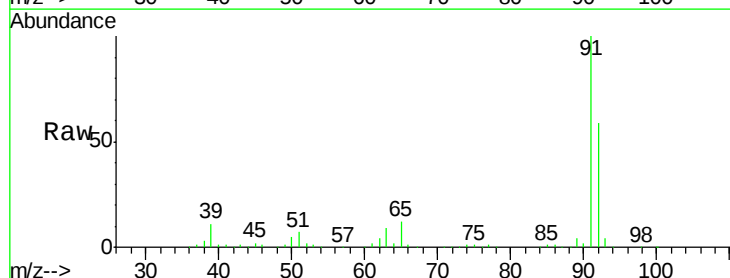
Acq: 24 Jun 2020 21:01

Tgt Ion: 92 Resp: 282112

Ion Ratio Lower Upper

92 100

91 169.9 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

300000

250000

200000

150000

100000

50000

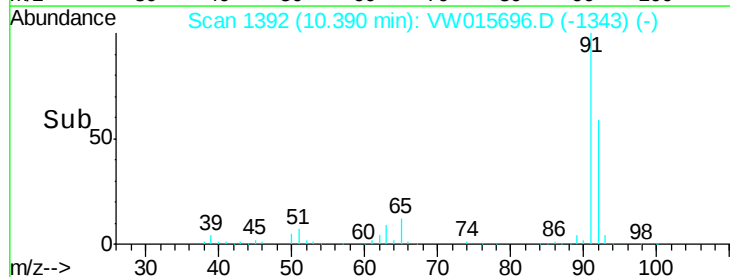
0

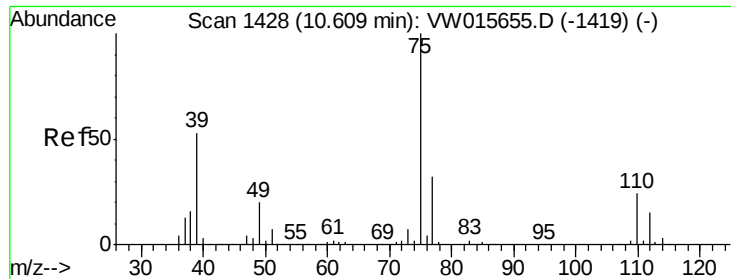
Time-->

10.30

10.40

10.50

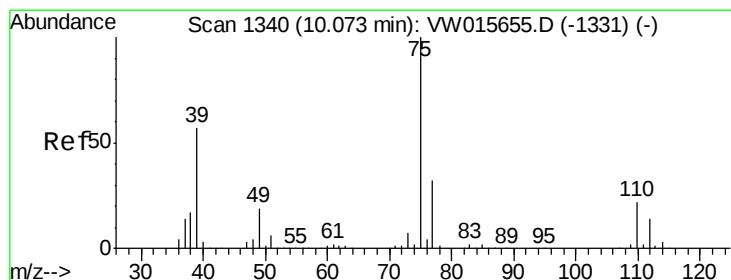
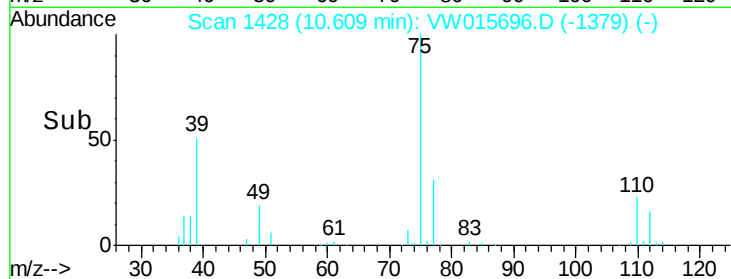
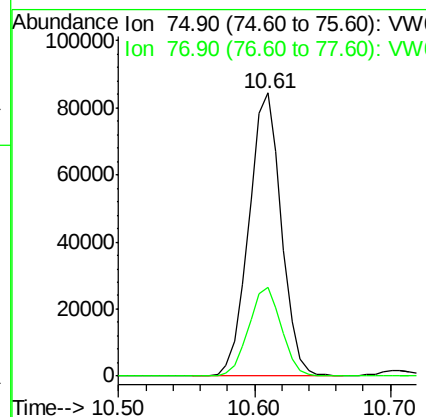
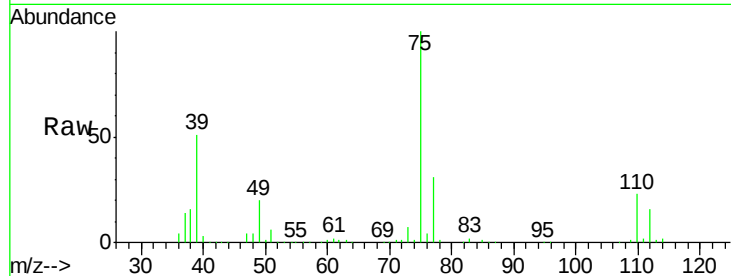




#53
 t-1,3-Dichloropropene
 Concen: 55.710 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

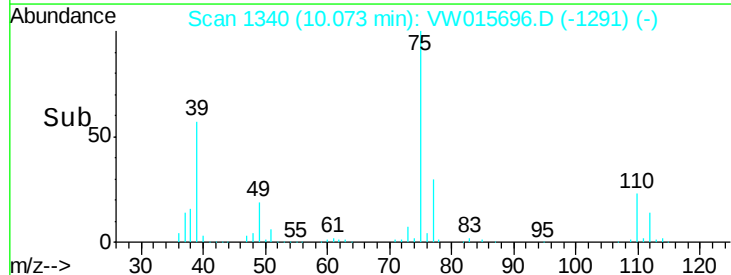
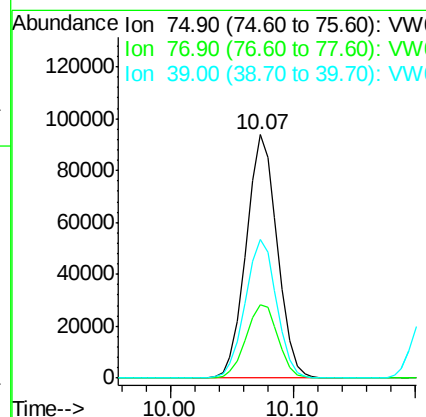
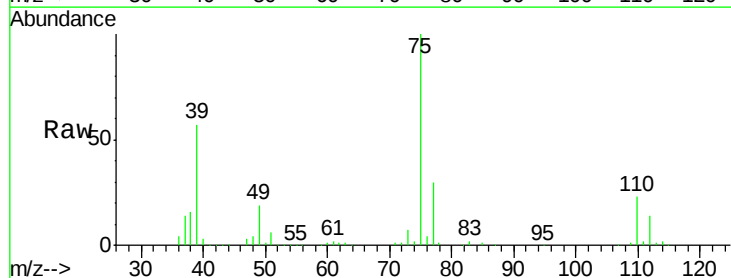
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

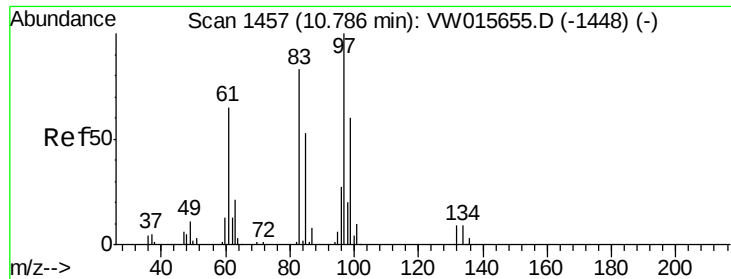
Tgt Ion: 75 Resp: 141102
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 54.658 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 75 Resp: 165381
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.2
 39 56.9 45.8 68.6





#55

1,1,2-Trichloroethane

Concen: 58.344 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 81535

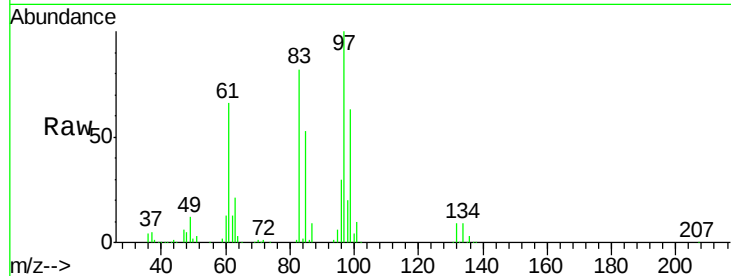
Ion Ratio Lower Upper

97 100

83 82.4 66.3 99.5

85 53.3 42.5 63.7

99 62.5 48.3 72.5

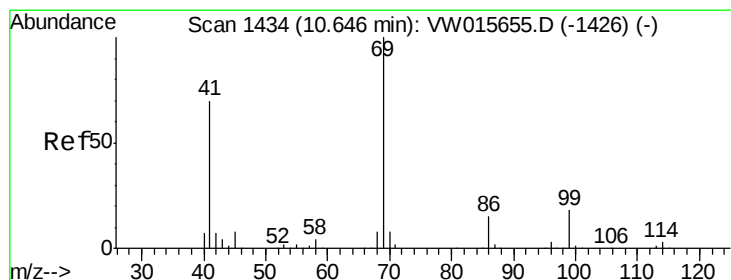
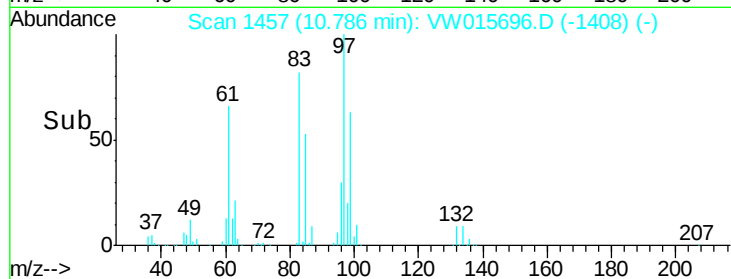
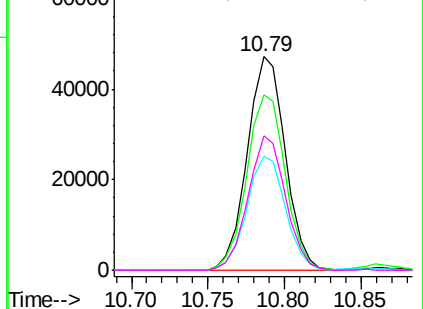


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 60.852 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

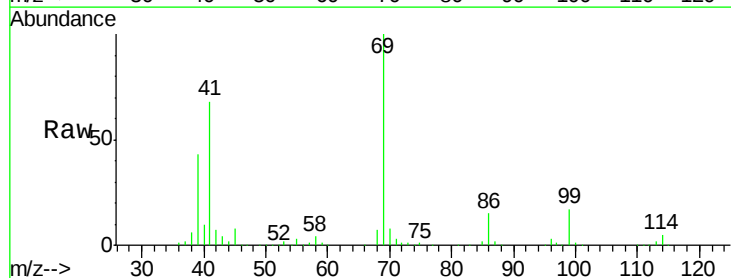
Tgt Ion: 69 Resp: 105811

Ion Ratio Lower Upper

69 100

41 70.9 55.8 83.6

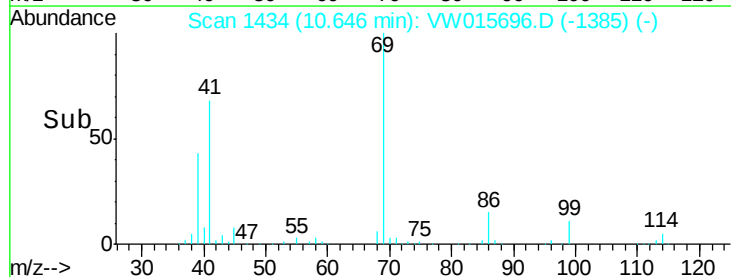
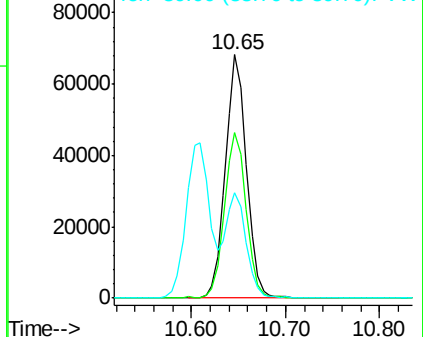
39 42.4 29.5 44.3

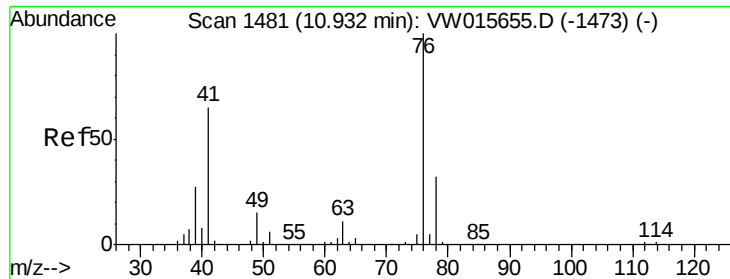


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

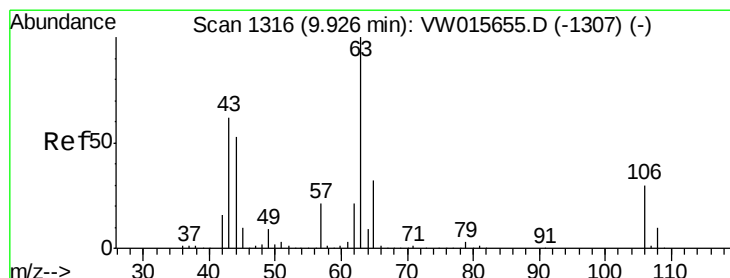
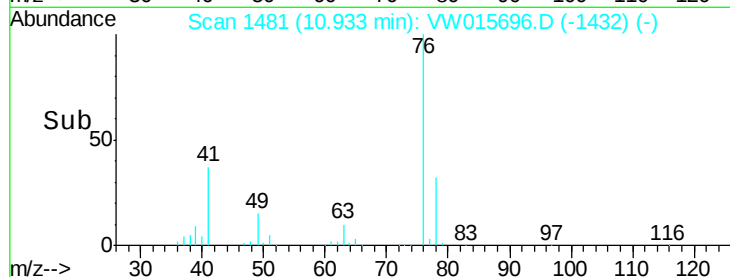
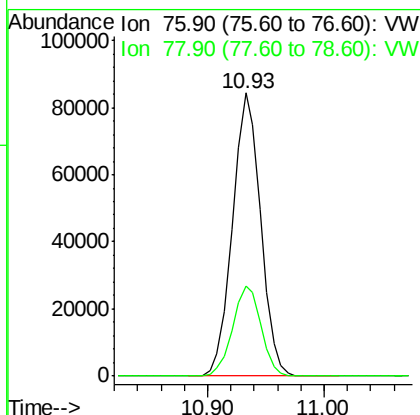
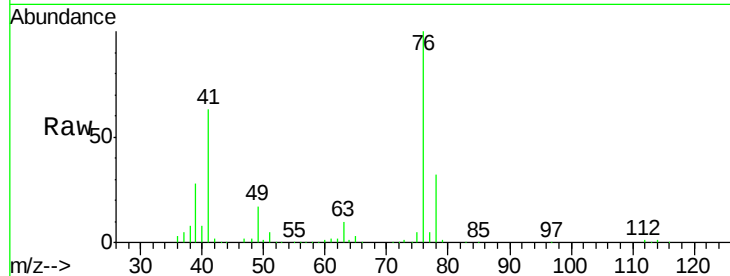




#57
 1,3-Dichloropropane
 Concen: 57.211 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

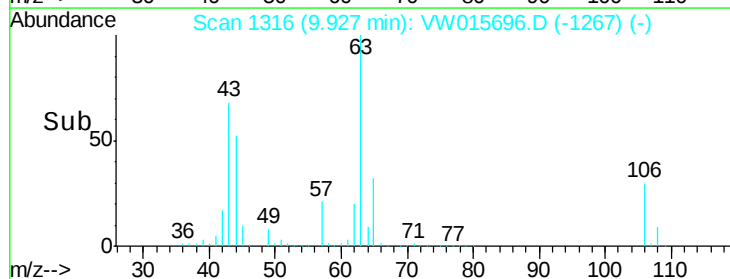
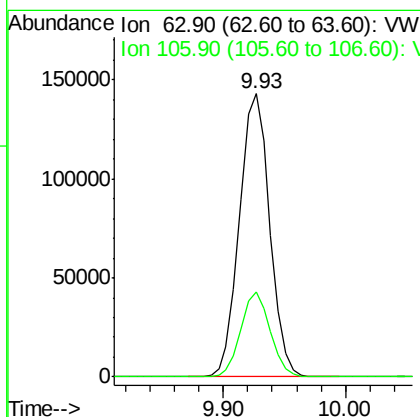
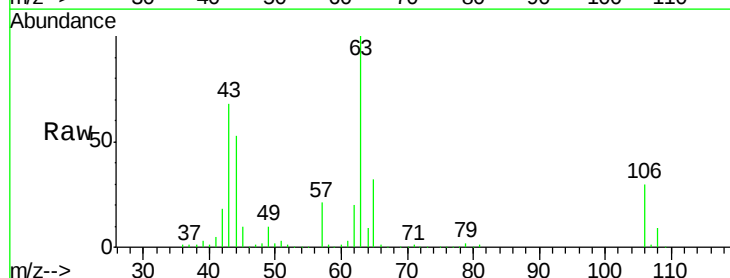
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

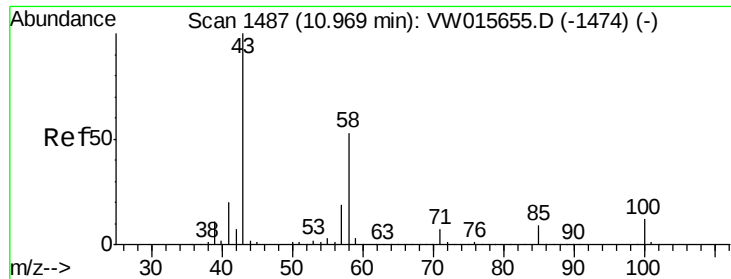
Tgt Ion: 76 Resp: 141740
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 297.935 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 63 Resp: 245156
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.3 34.9

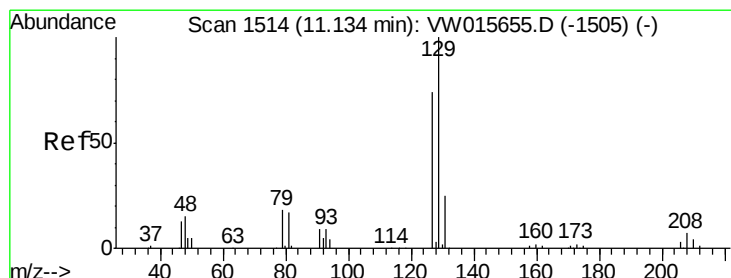
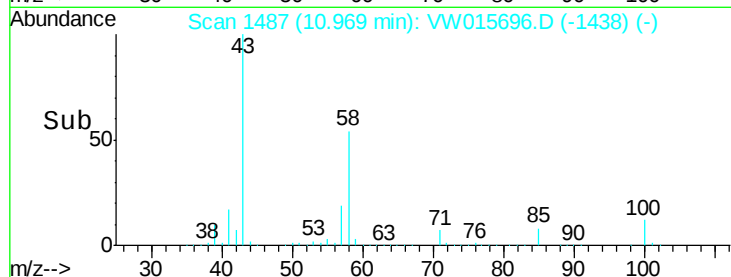
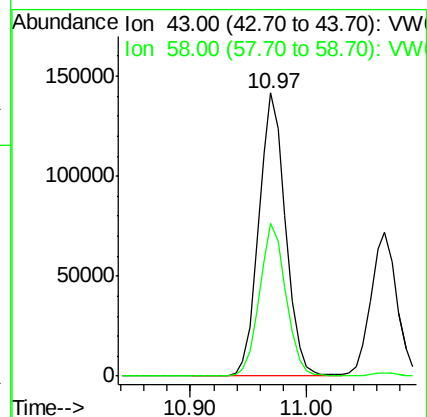
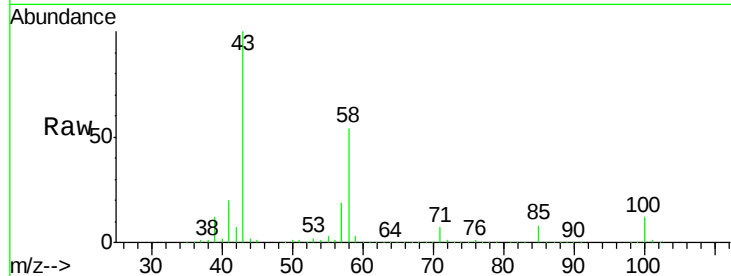




#59
2-Hexanone
Concen: 308.989 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

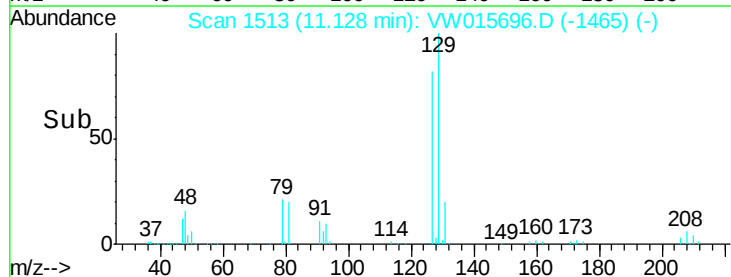
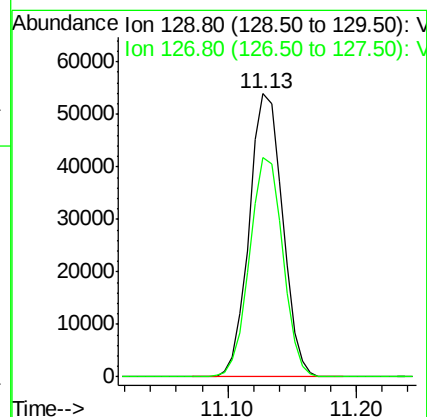
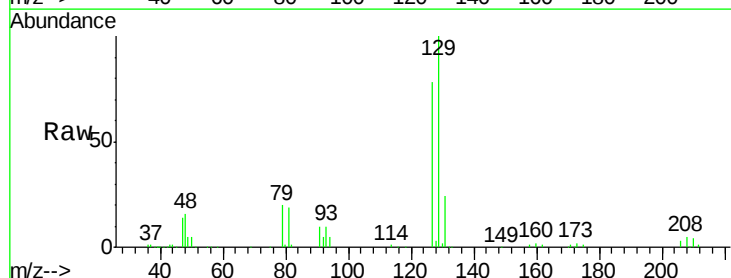
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

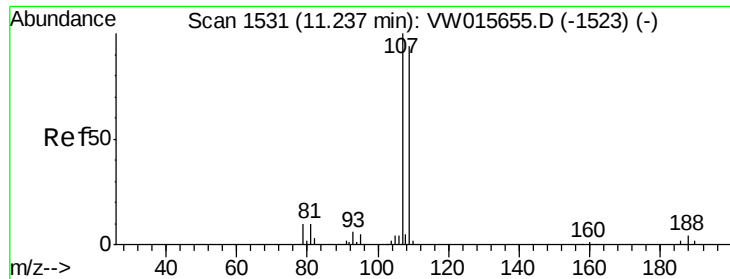
Tgt Ion: 43 Resp: 225932
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.4



#60
Dibromochloromethane
Concen: 59.054 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 129 Resp: 96170
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.1

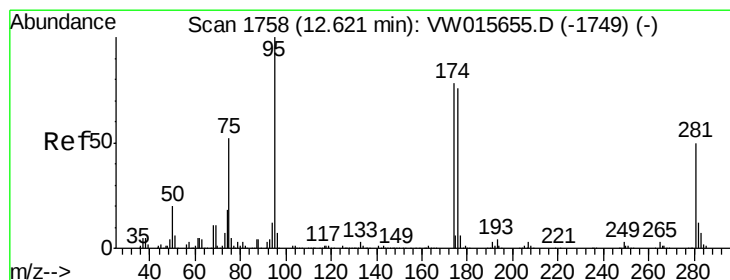
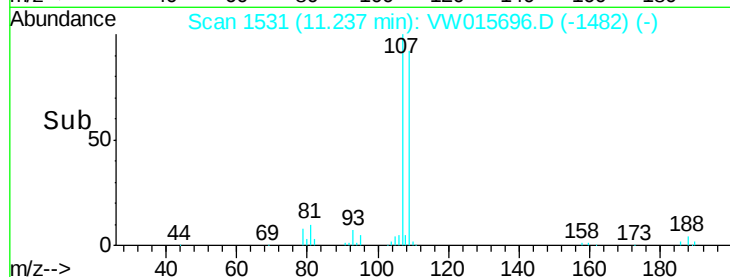
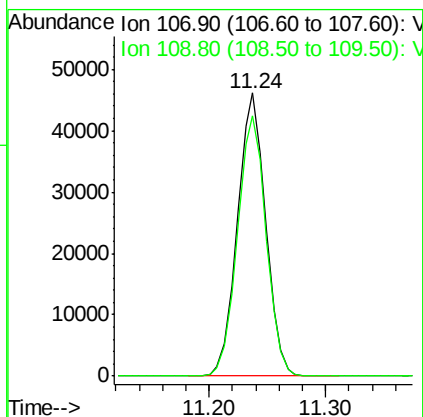
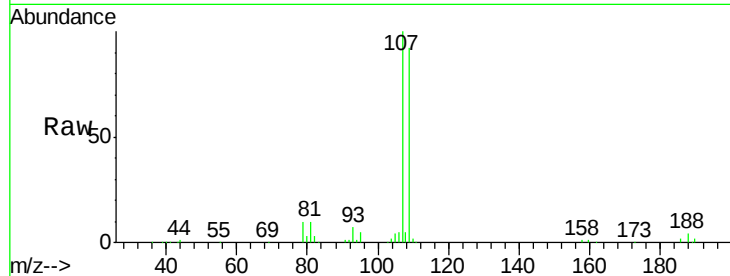




#61
 1,2-Dibromoethane
 Concen: 58.386 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

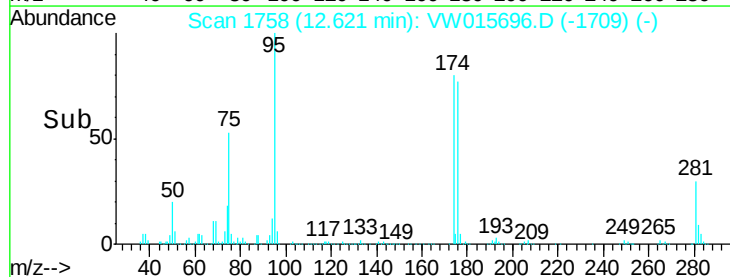
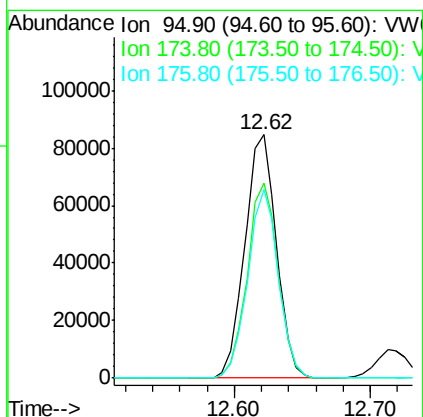
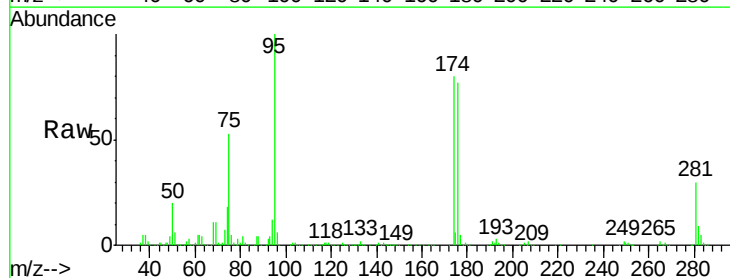
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

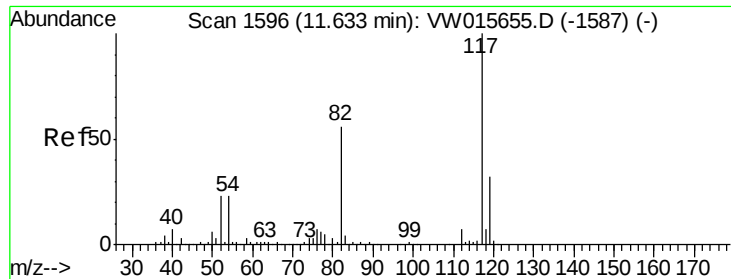
Tgt Ion: 107 Resp: 77992
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 53.708 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 95 Resp: 137598
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 157.0
 176 75.5 0.0 151.4

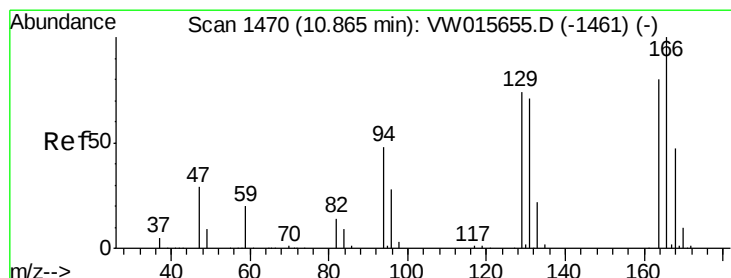
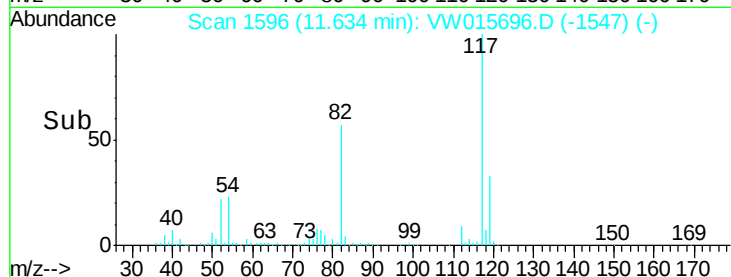
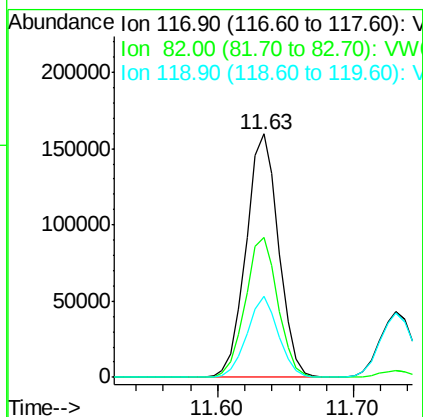
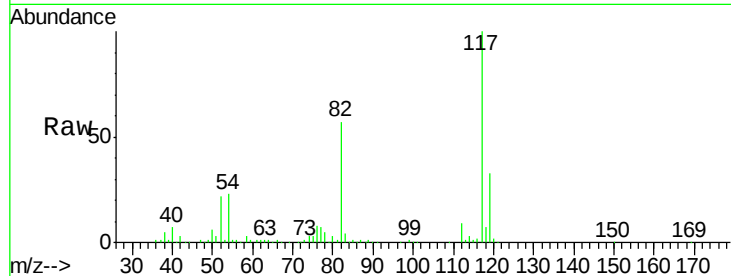




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

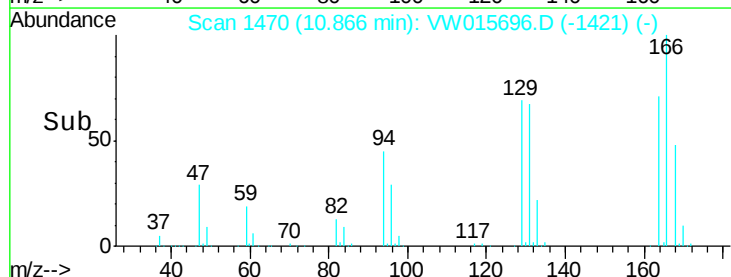
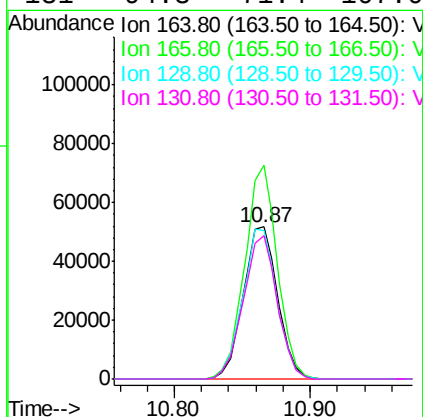
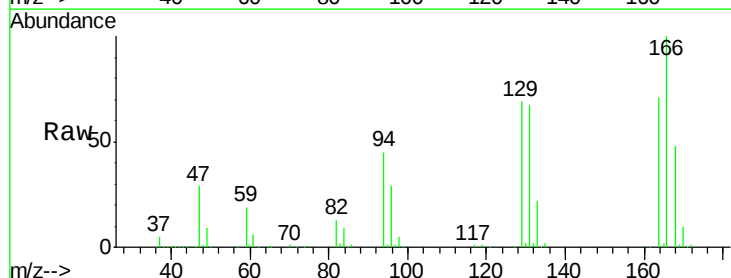
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

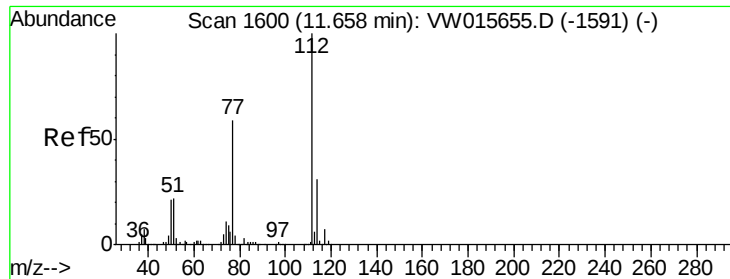
Tgt Ion:117 Resp: 267137
Ion Ratio Lower Upper
117 100
82 57.3 45.1 67.7
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 48.688 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion:164 Resp: 91373
Ion Ratio Lower Upper
164 100
166 140.6 99.9 149.9
129 97.6 74.2 111.2
131 94.3 71.4 107.0

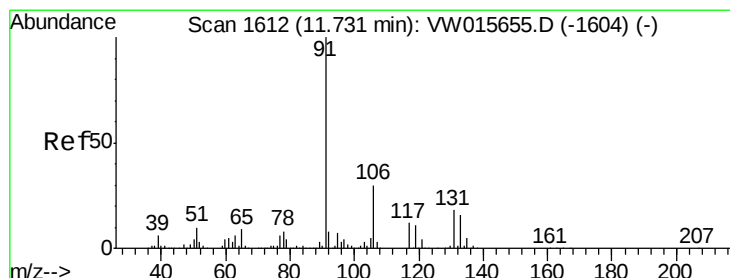
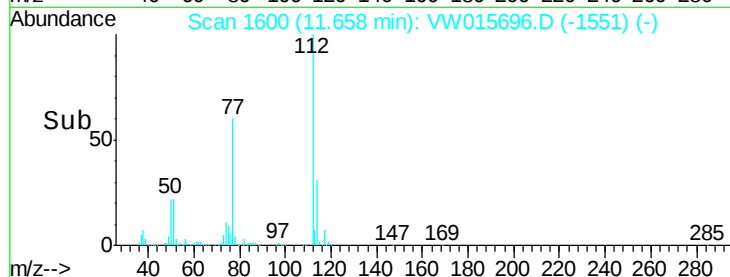
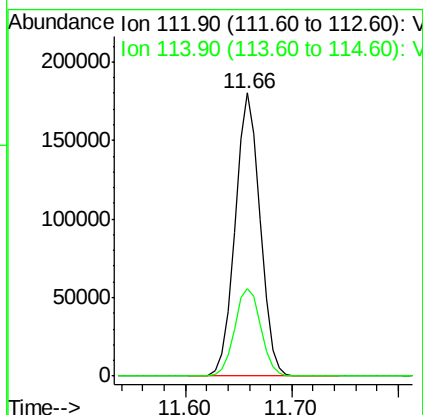
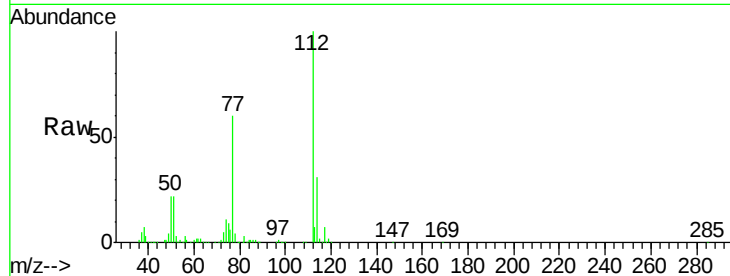




#65
Chlorobenzene
Concen: 52.581 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

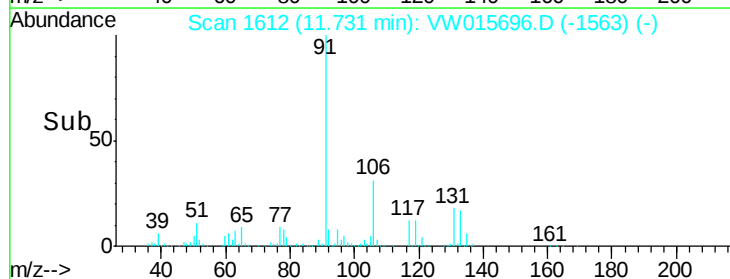
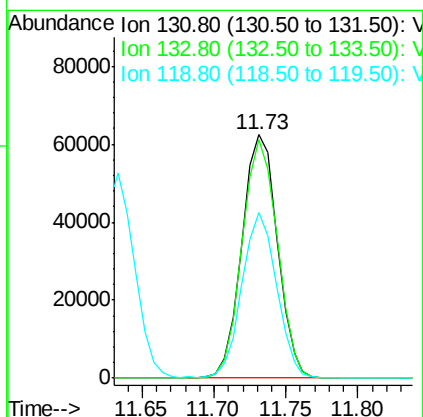
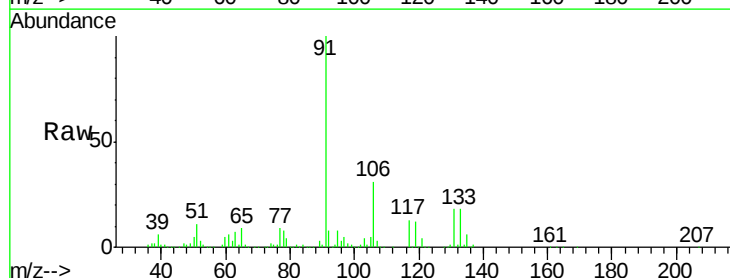
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

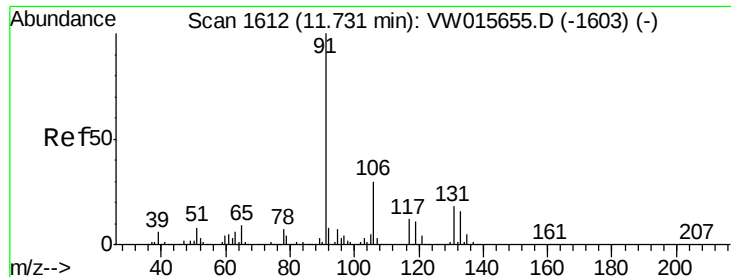
Tgt Ion:112 Resp: 296155
Ion Ratio Lower Upper
112 100
114 30.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.934 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion:131 Resp: 106511
Ion Ratio Lower Upper
131 100
133 97.3 46.5 139.5
119 66.7 32.5 97.5

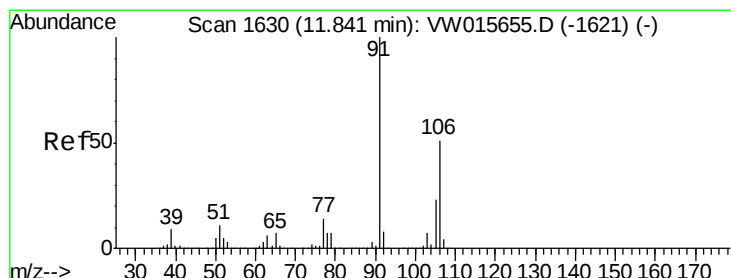
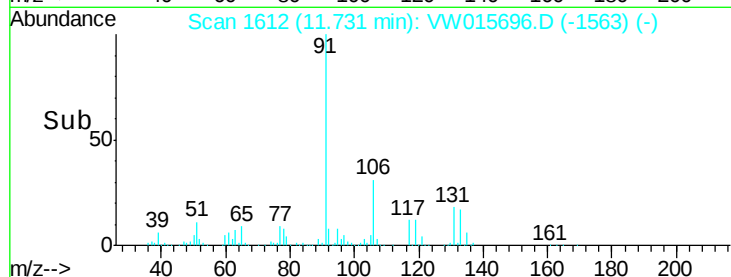
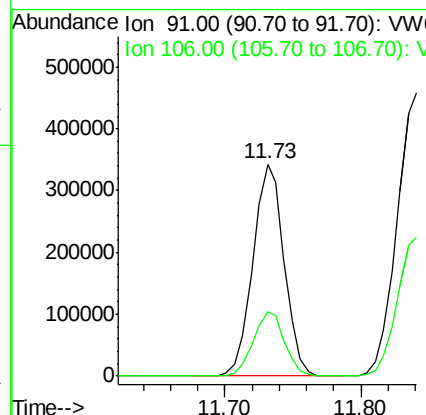
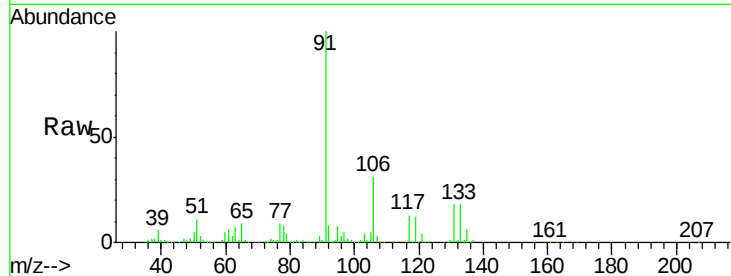




#67
Ethyl Benzene
Concen: 52.605 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

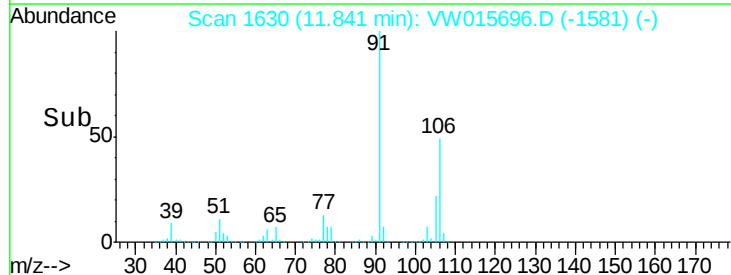
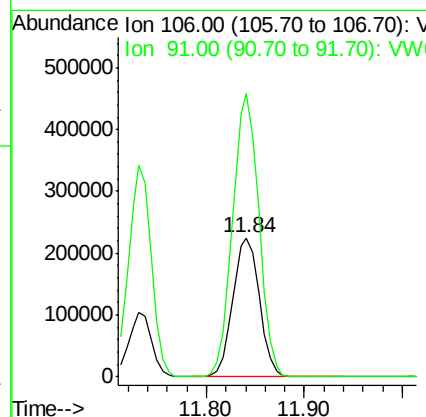
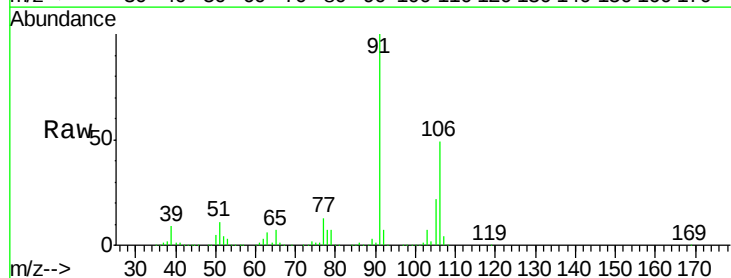
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

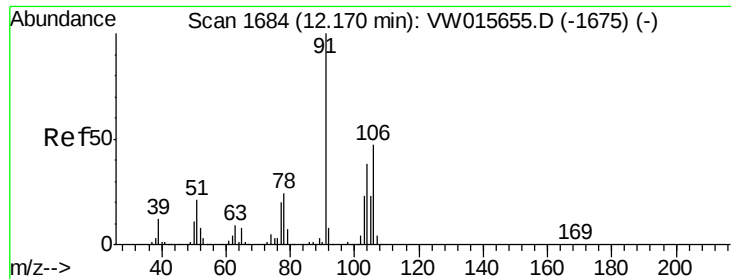
Tgt Ion: 91 Resp: 551406
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1



#68
m/p-Xylenes
Concen: 107.373 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 106 Resp: 422620
Ion Ratio Lower Upper
106 100
91 201.7 162.6 244.0

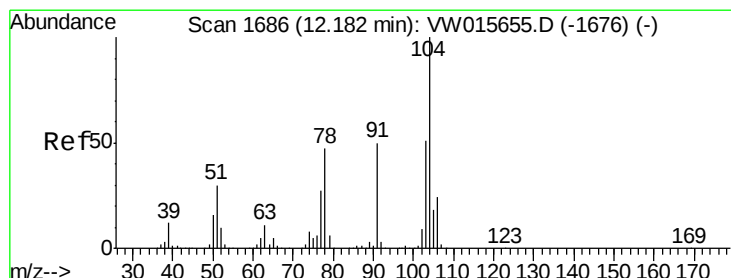
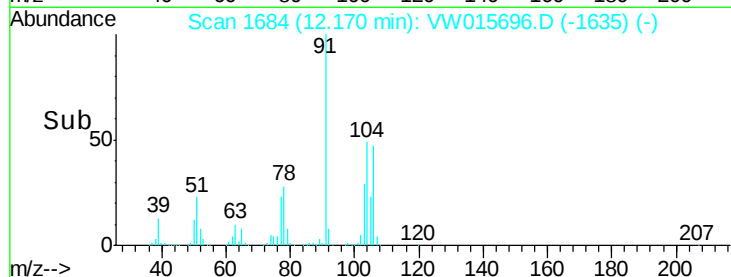
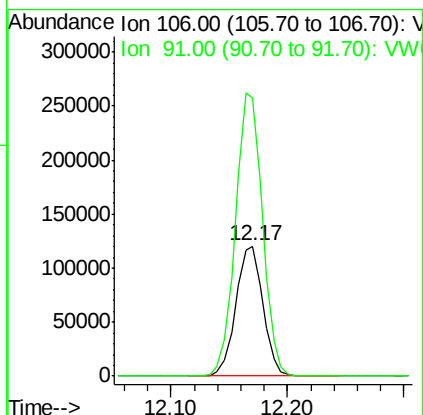
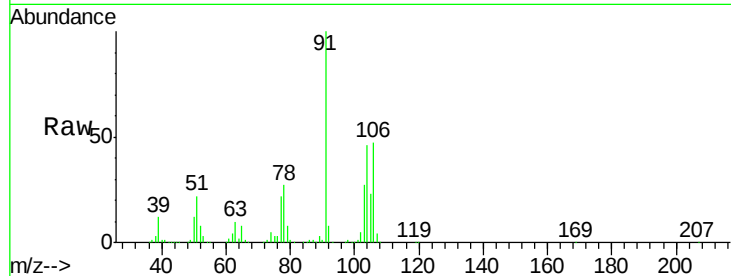




#69
o-Xylene
Concen: 53.918 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

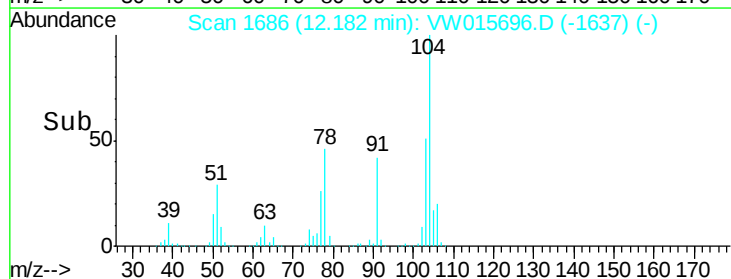
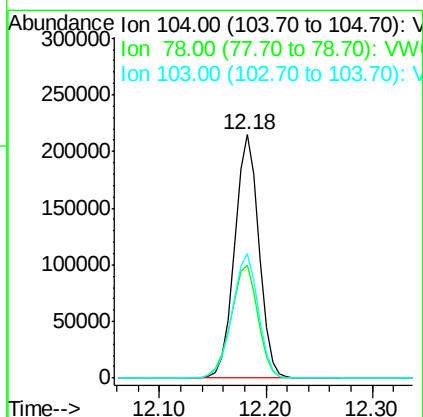
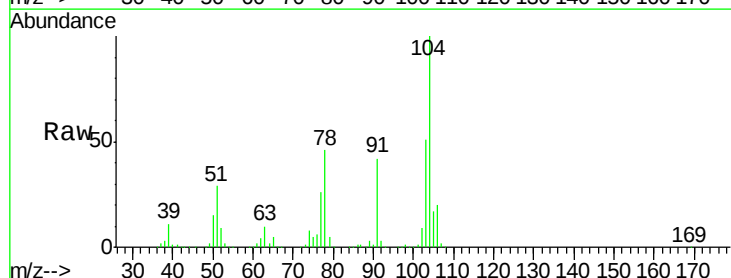
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

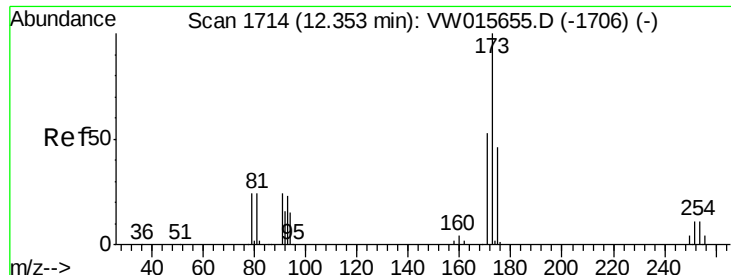
Tgt Ion:106 Resp: 195127
Ion Ratio Lower Upper
106 100
91 217.5 108.3 324.9



#70
Styrene
Concen: 55.773 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion:104 Resp: 344850
Ion Ratio Lower Upper
104 100
78 51.0 40.9 61.3
103 54.7 43.1 64.7





#71

Bromoform

Concen: 56.792 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

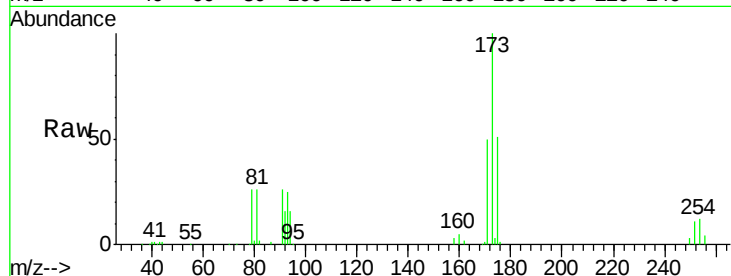
Tgt Ion:173 Resp: 51603

Ion Ratio Lower Upper

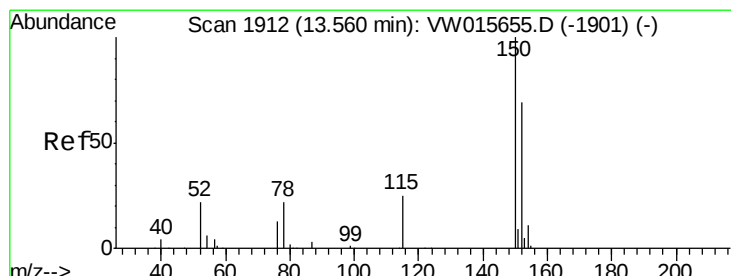
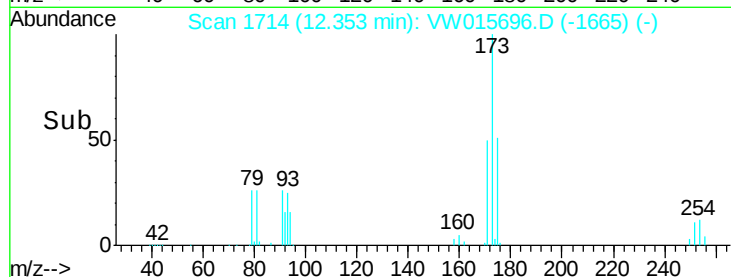
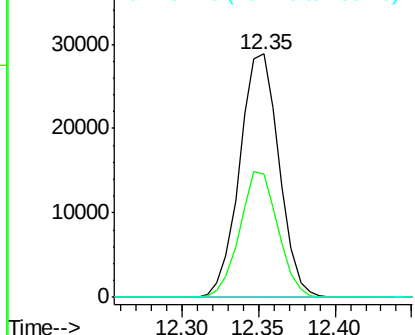
173 100

175 50.2 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: VW015696.D

Acq: 24 Jun 2020 21:01

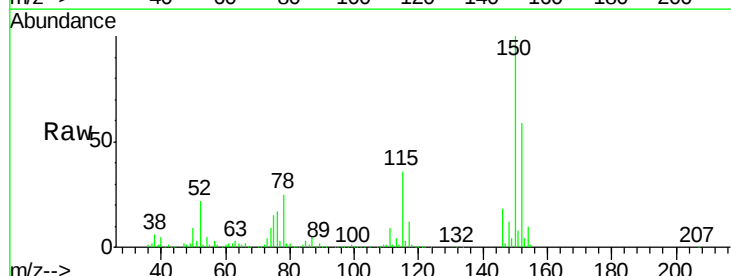
Tgt Ion:152 Resp: 138862

Ion Ratio Lower Upper

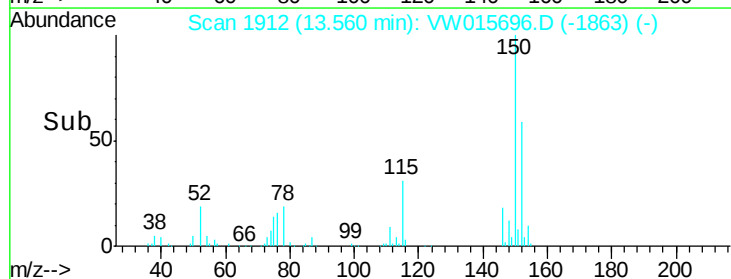
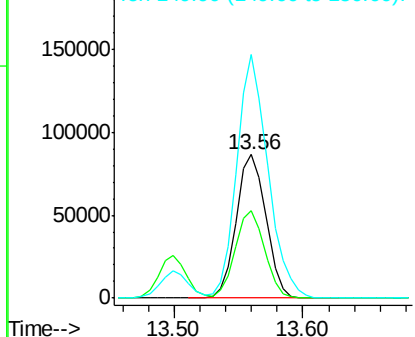
152 100

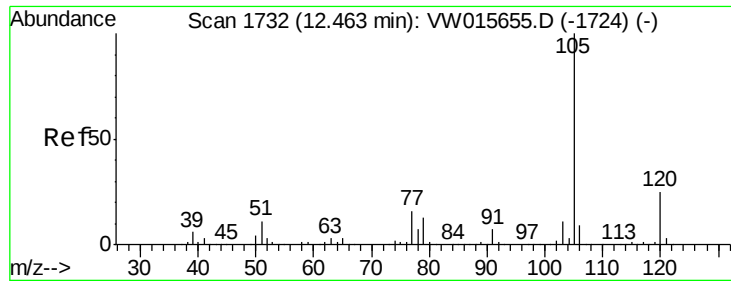
115 60.2 30.1 90.5

150 177.5 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: 51.307 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

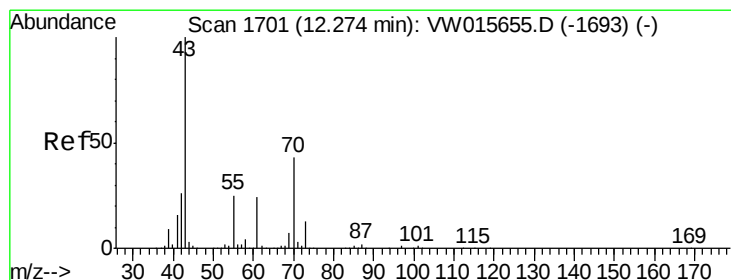
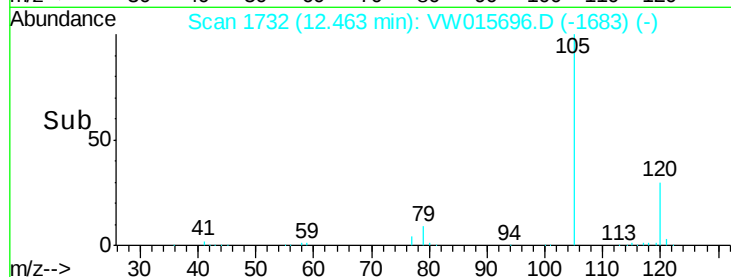
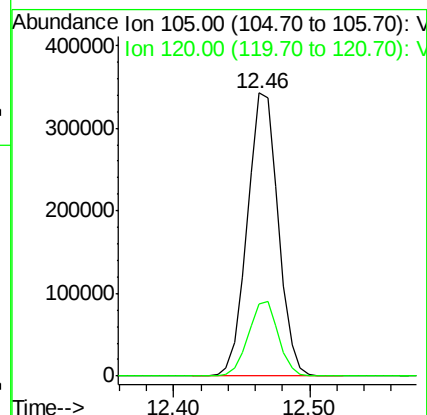
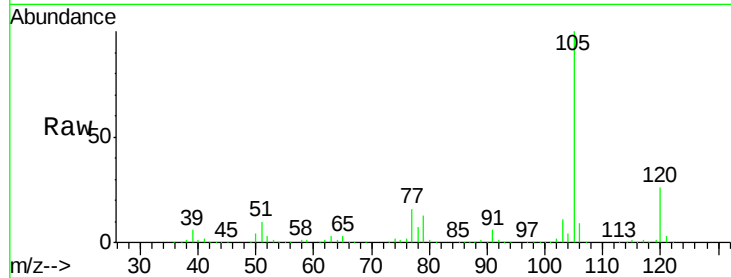
VSTDCCC050EC

Tgt Ion: 105 Resp: 543496

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#74

N-ethyl acetate

Concen: 57.747 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion: 43 Resp: 129674

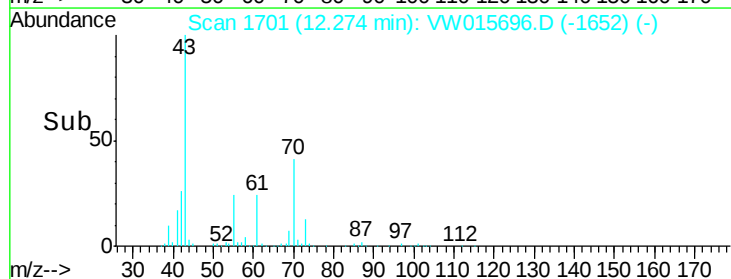
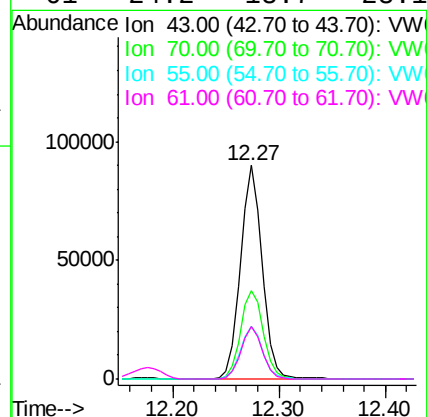
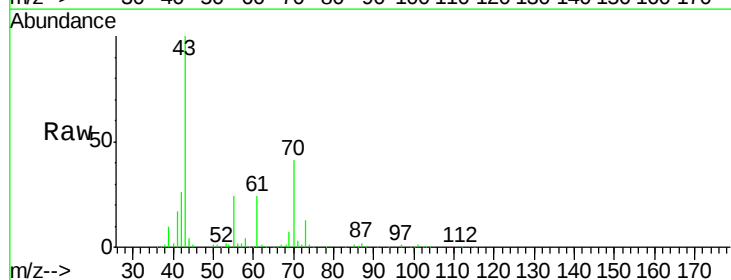
Ion Ratio Lower Upper

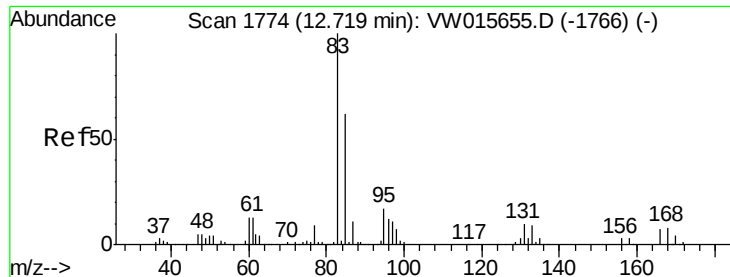
43 100

70 43.1 33.6 50.4

55 24.9 19.7 29.5

61 24.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 57.055 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

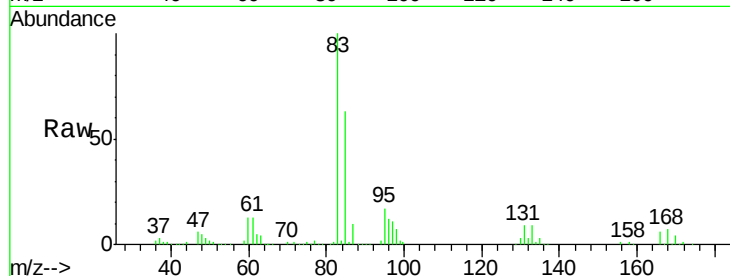
Tgt Ion: 83 Resp: 96688

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

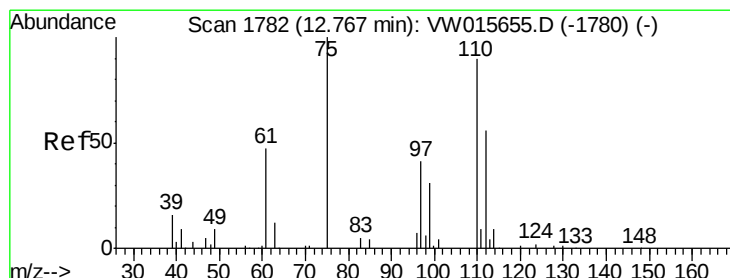
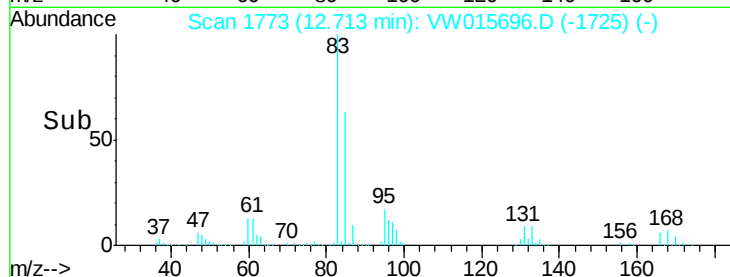
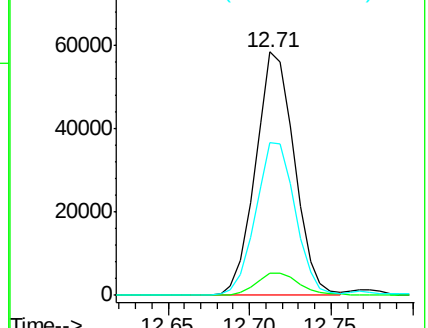
85 63.9 31.9 95.7



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: 97.200 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015696.D

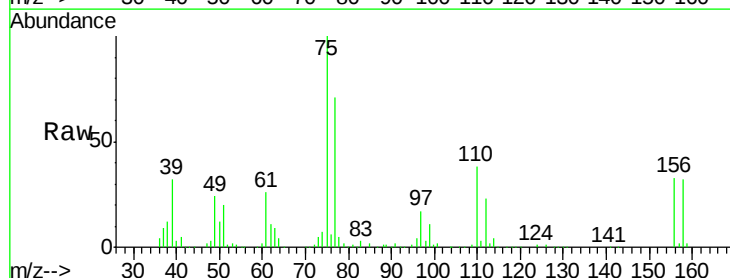
Acq: 24 Jun 2020 21:01

Tgt Ion: 75 Resp: 123117

Ion Ratio Lower Upper

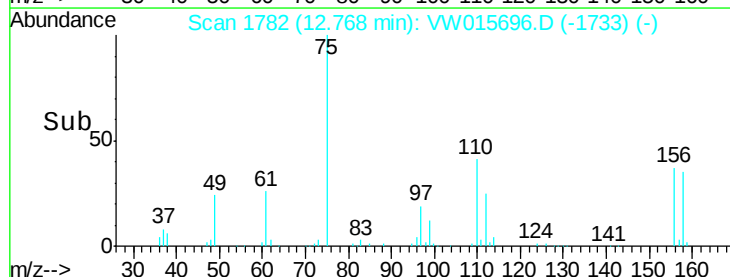
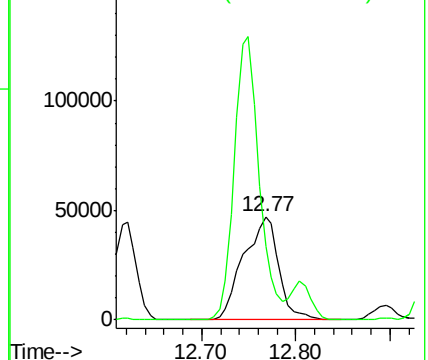
75 100

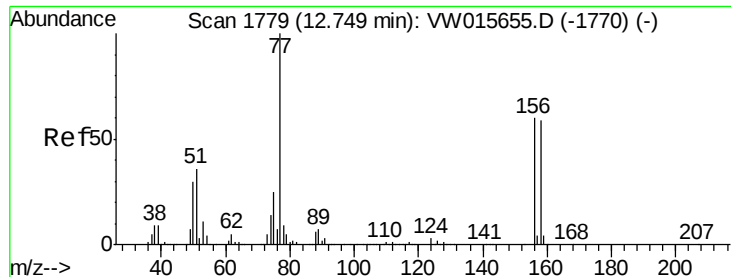
77 194.3 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.317 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

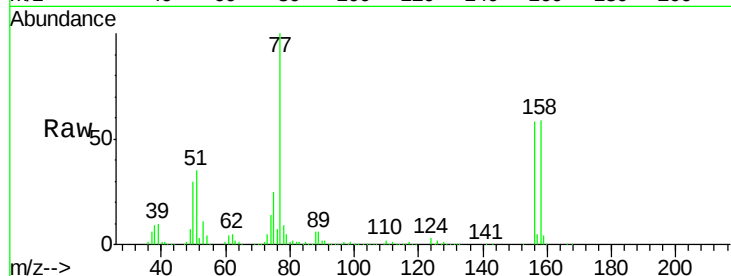
Tgt Ion:156 Resp: 125937

Ion Ratio Lower Upper

156 100

77 190.0 94.5 283.5

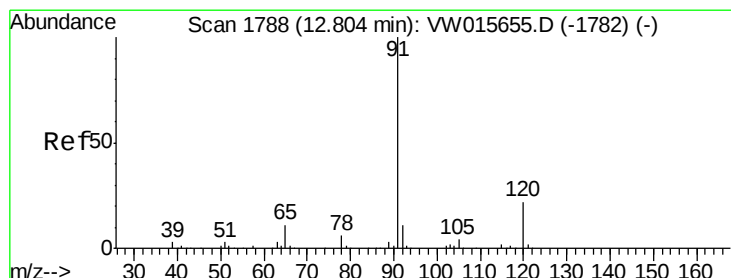
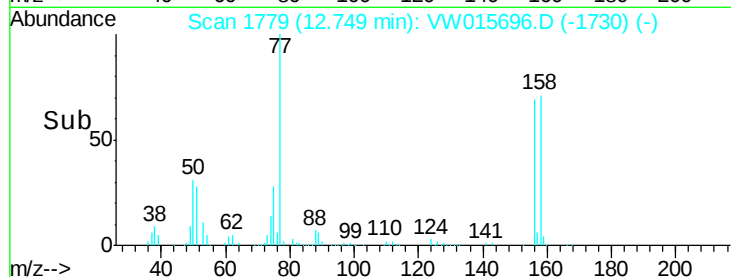
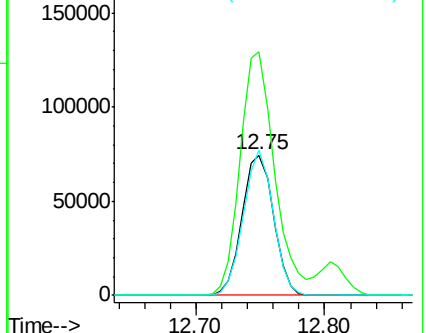
158 97.9 47.9 143.6



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: 50.557 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015696.D

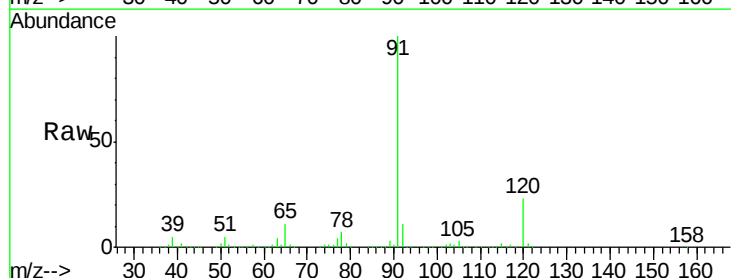
Acq: 24 Jun 2020 21:01

Tgt Ion: 91 Resp: 644628

Ion Ratio Lower Upper

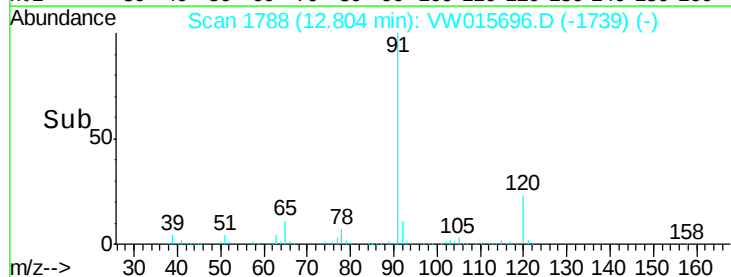
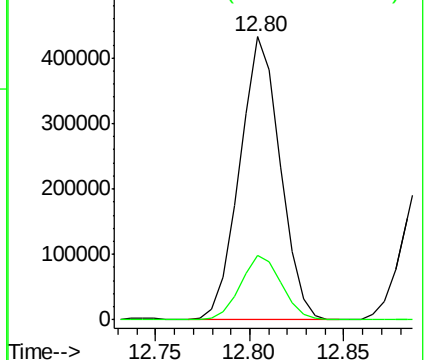
91 100

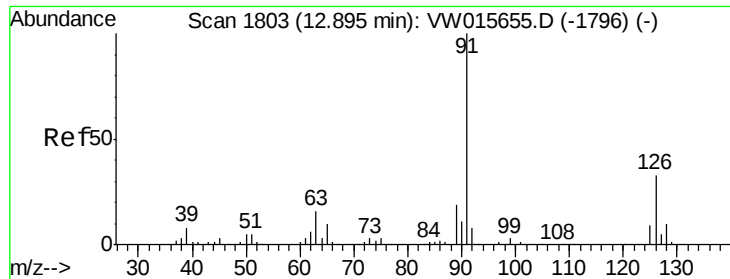
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

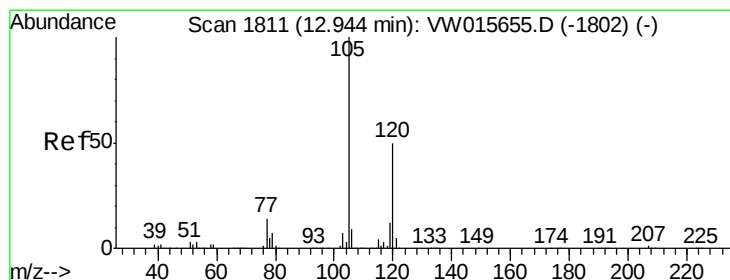
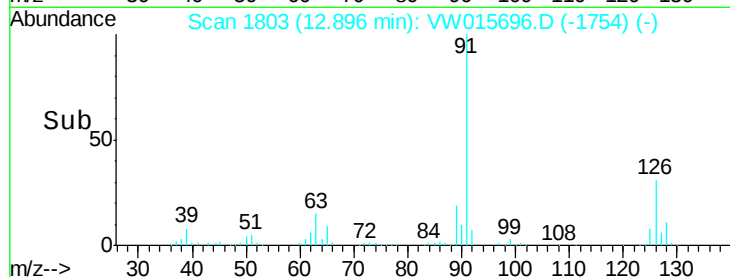
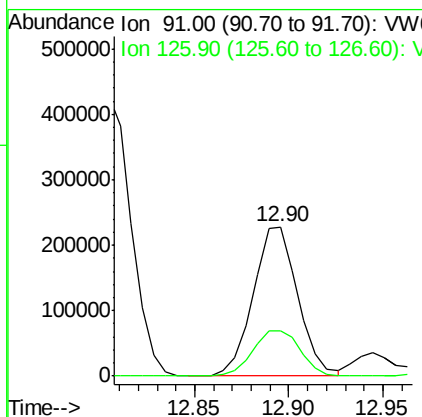
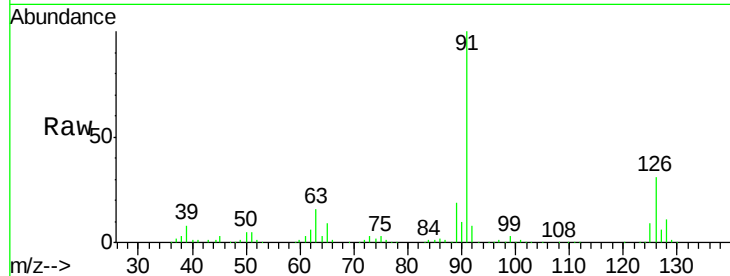




#79
 2-Chlorotoluene
 Concen: 51.934 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

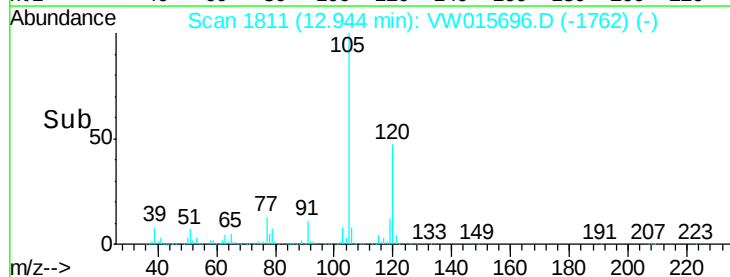
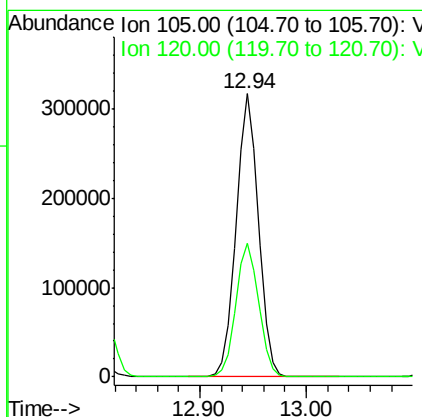
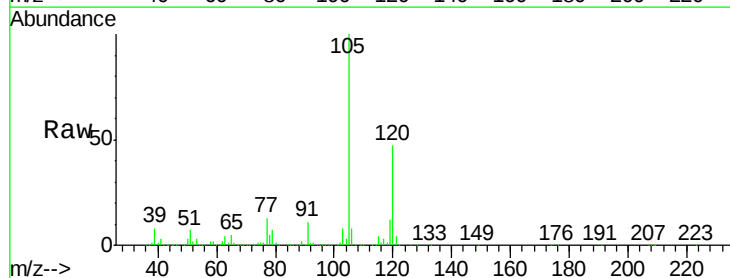
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

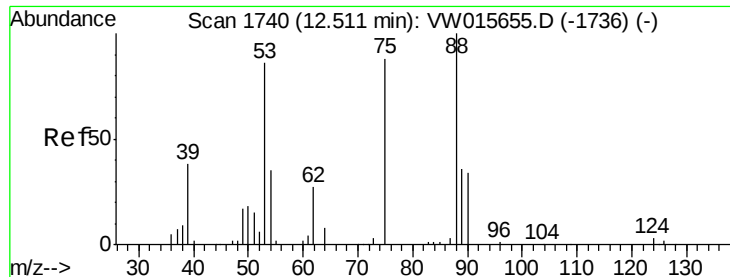
Tgt Ion: 91 Resp: 372848
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.970 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 105 Resp: 466470
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 53.292 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

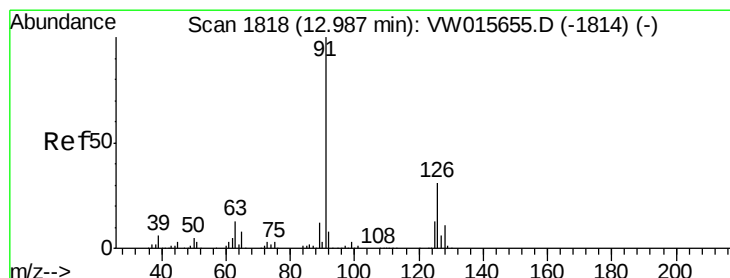
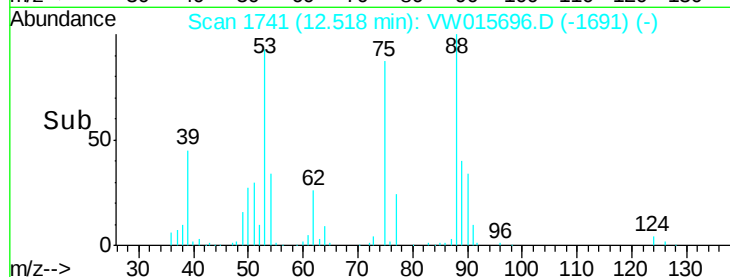
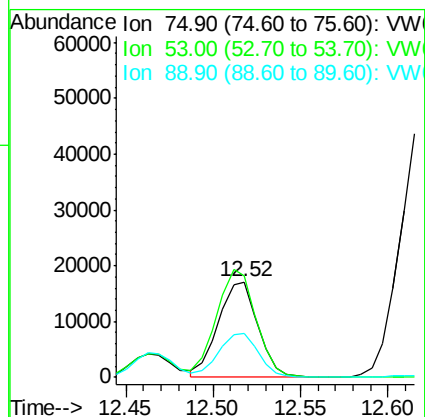
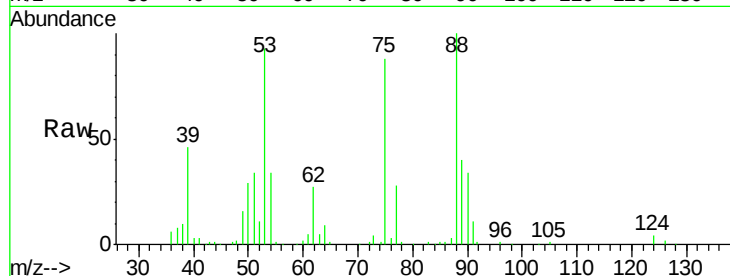
Tgt Ion: 75 Resp: 26786

Ion Ratio Lower Upper

75 100

53 113.9 83.8 125.8

89 47.1 36.6 55.0



#82

4-Chlorotoluene

Concen: 52.151 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015696.D

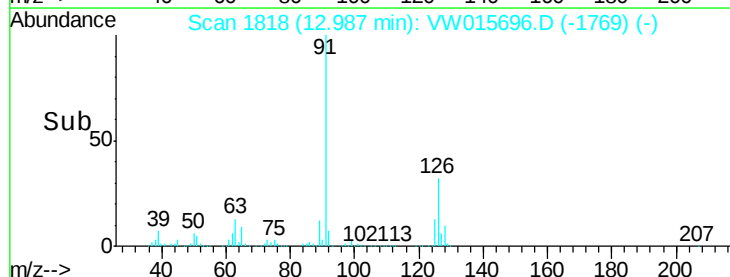
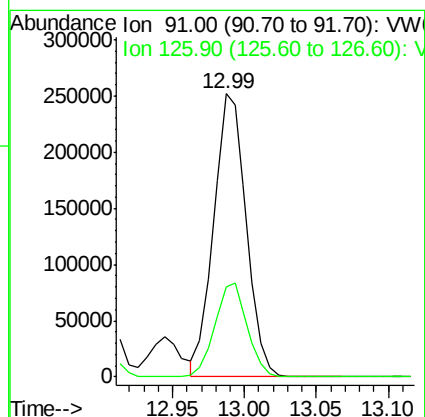
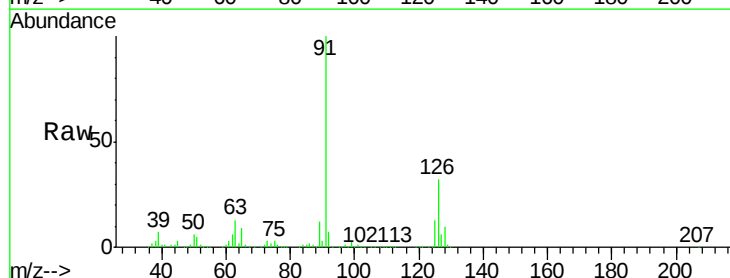
Acq: 24 Jun 2020 21:01

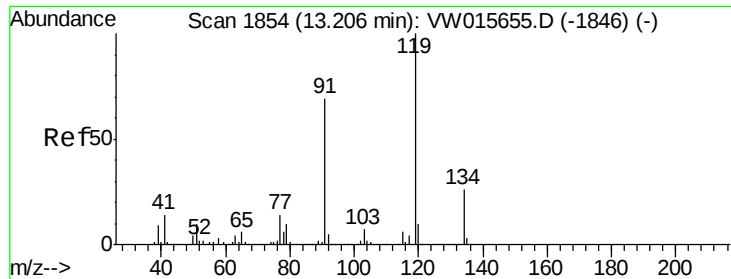
Tgt Ion: 91 Resp: 396102

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9

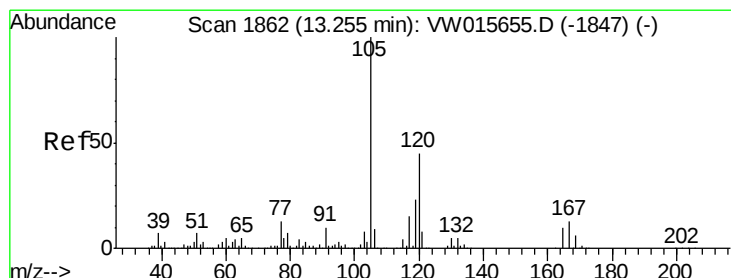
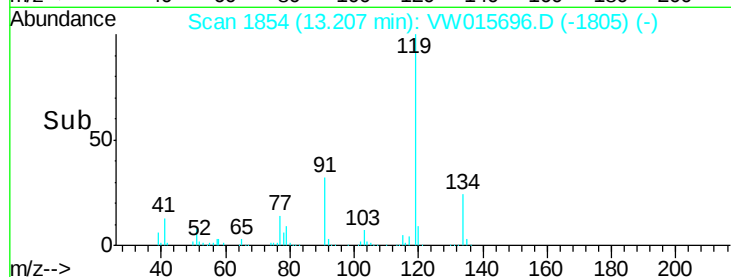
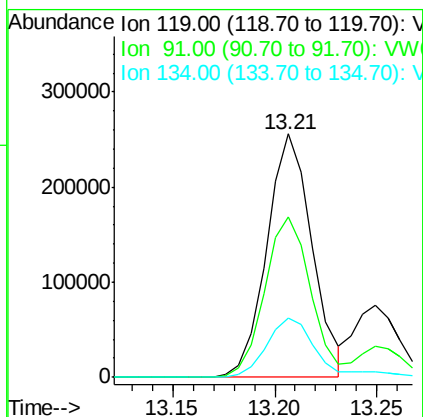
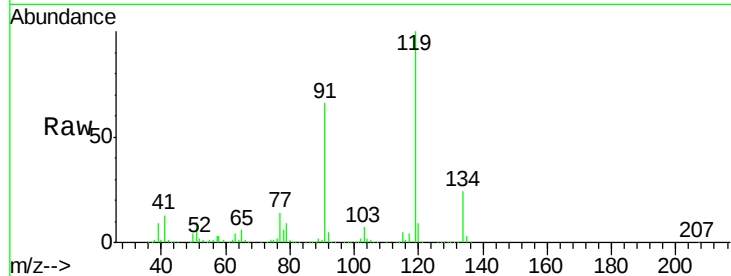




#83
 tert-Butylbenzene
 Concen: 52.181 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

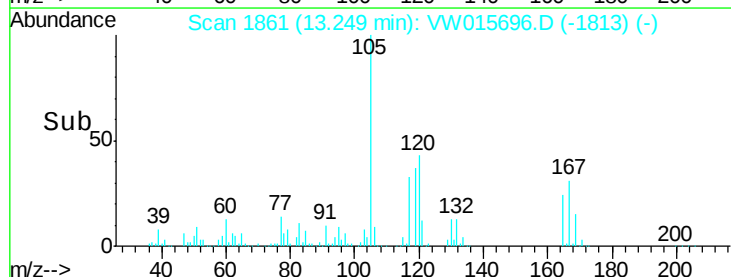
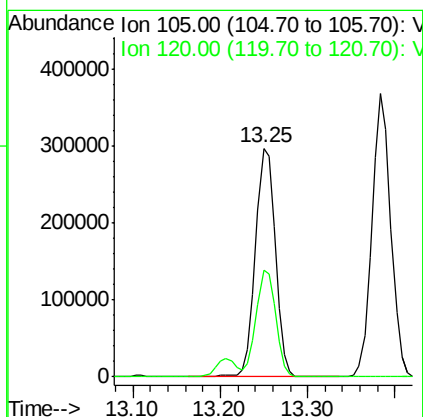
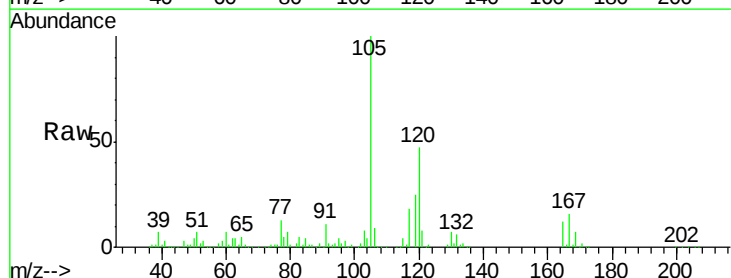
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

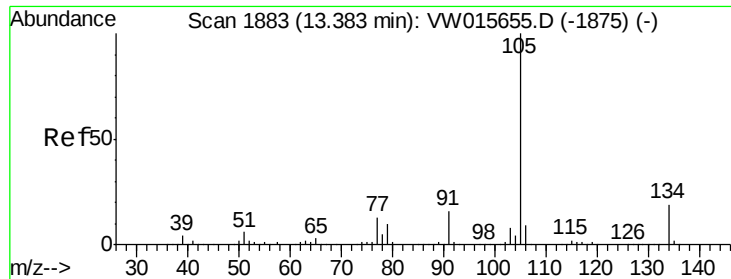
Tgt Ion:119 Resp: 395734
 Ion Ratio Lower Upper
 119 100
 91 66.6 34.7 104.1
 134 25.3 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.534 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion:105 Resp: 470241
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.3

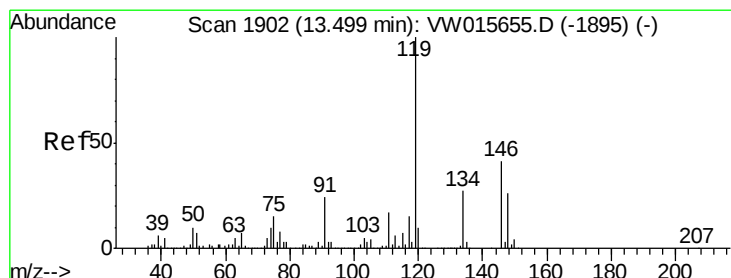
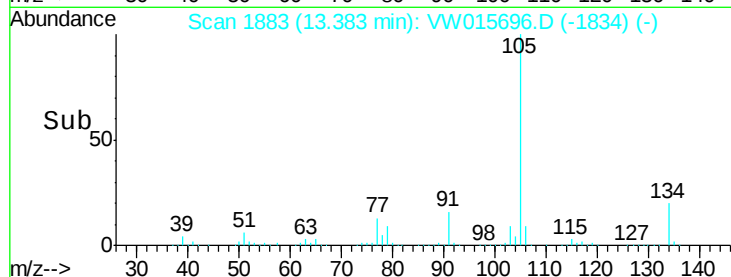
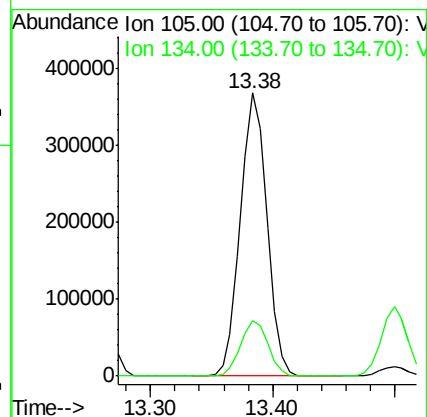
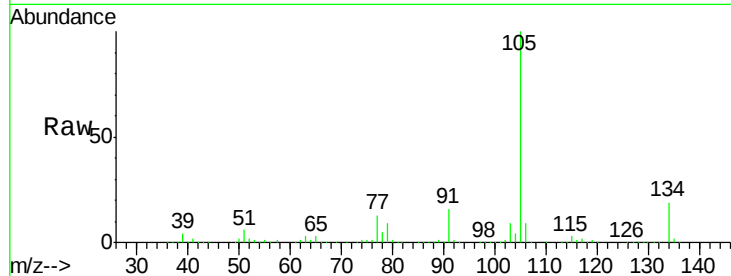




#85
 sec-Butylbenzene
 Concen: 51.052 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

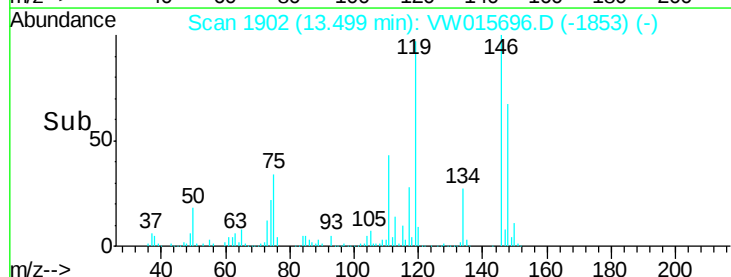
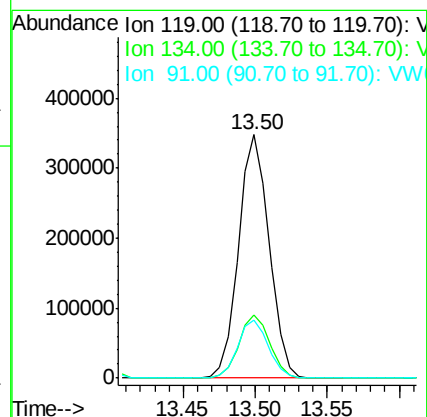
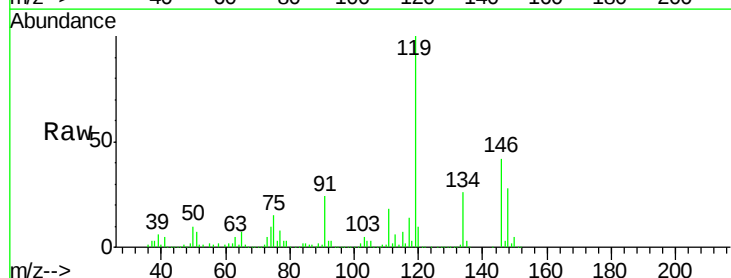
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

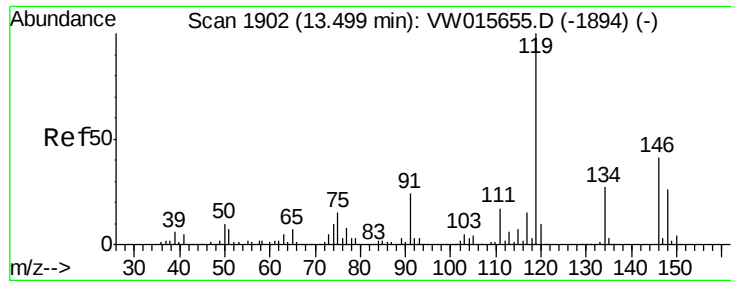
Tgt Ion:105 Resp: 553333
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 52.129 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion:119 Resp: 513352
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 24.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 51.869 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

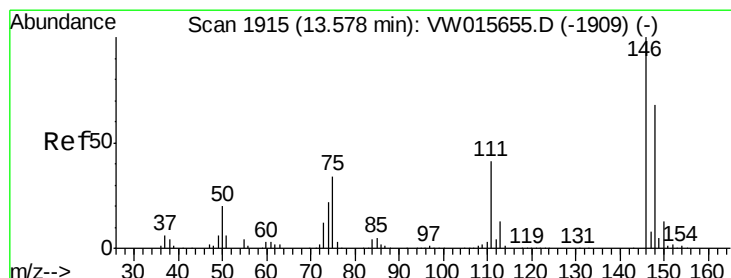
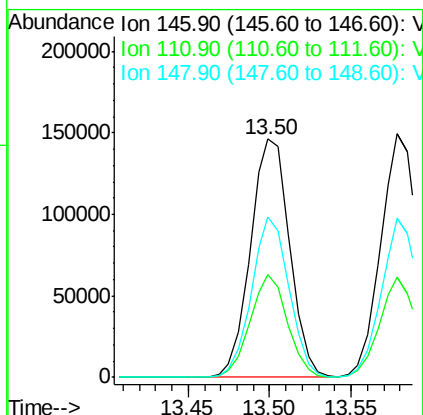
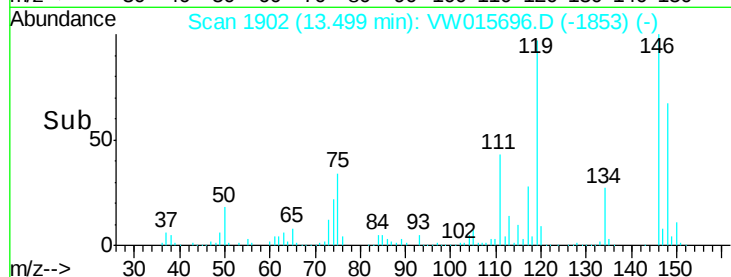
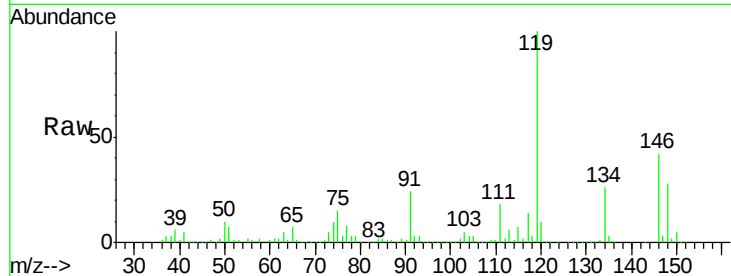
Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 243211

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	64.3	31.6	94.7



#88

1,4-Dichlorobenzene

Concen: 51.592 ug/l

RT: 13.58 min Scan# 1915

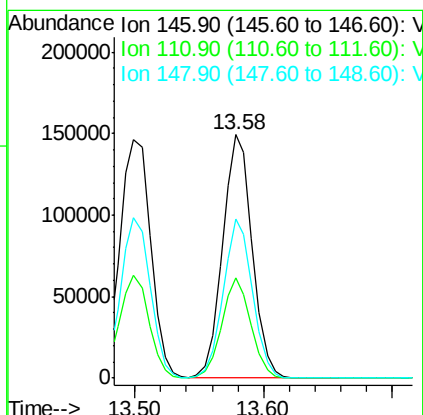
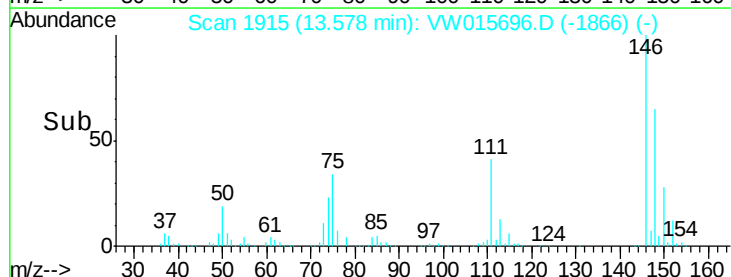
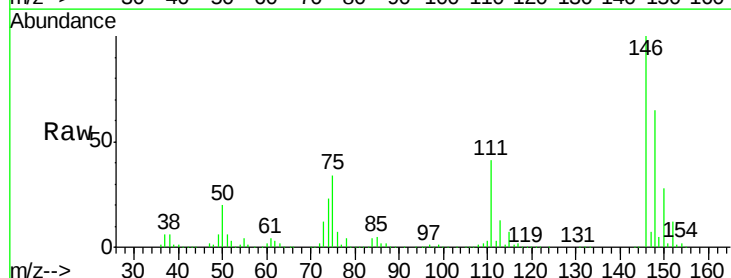
Delta R.T. 0.00 min

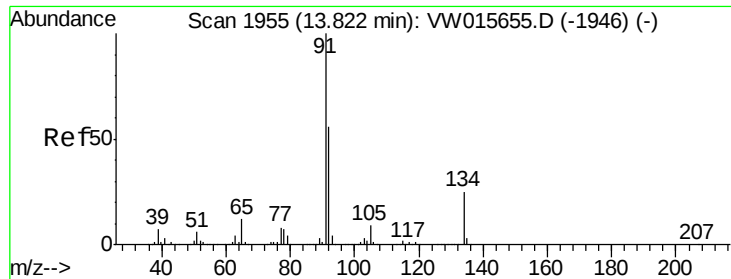
Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion:146 Resp: 239591

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	64.8	33.7	101.1





#89

n-Butylbenzene

Concen: 50.981 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

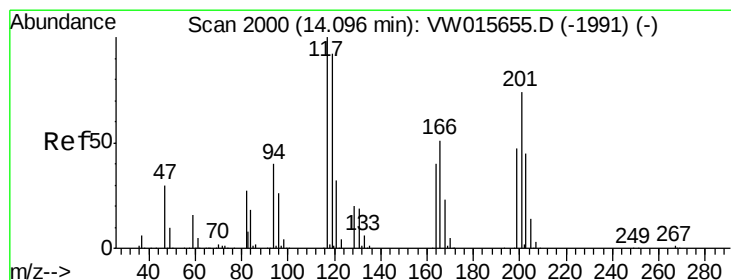
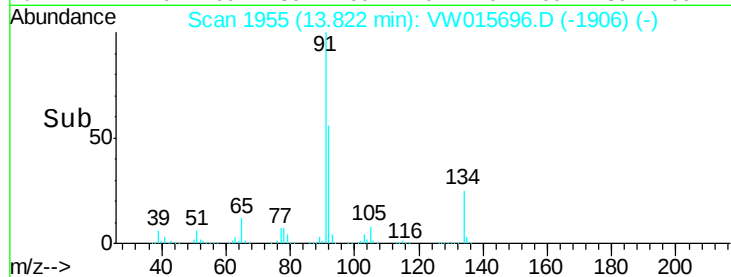
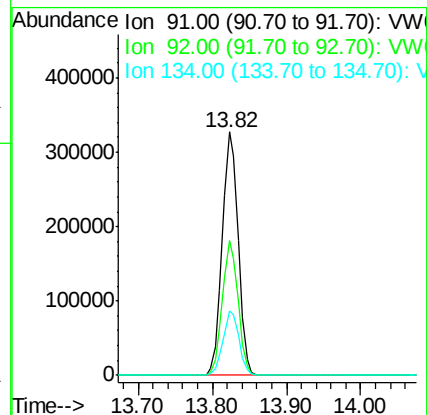
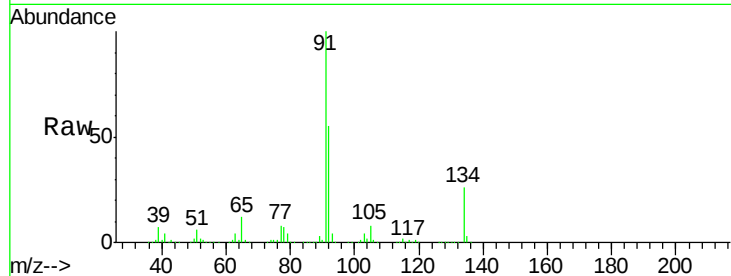
Tgt Ion: 91 Resp: 481949

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 52.029 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015696.D

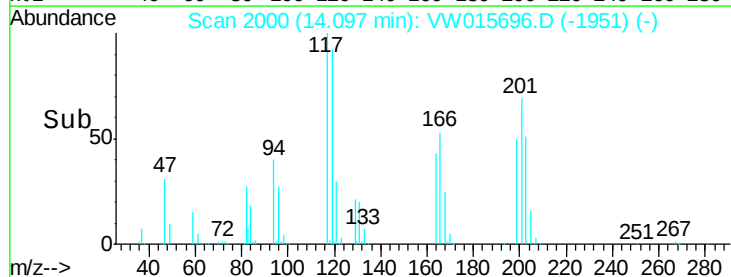
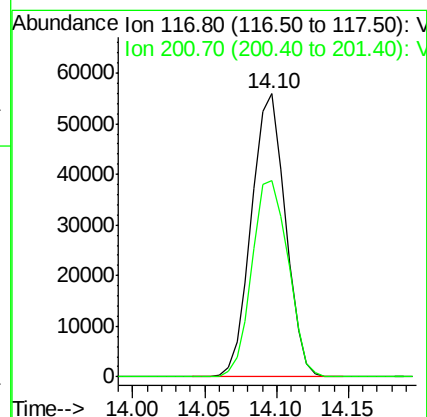
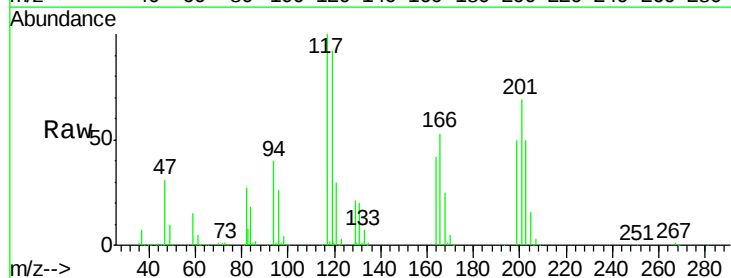
Acq: 24 Jun 2020 21:01

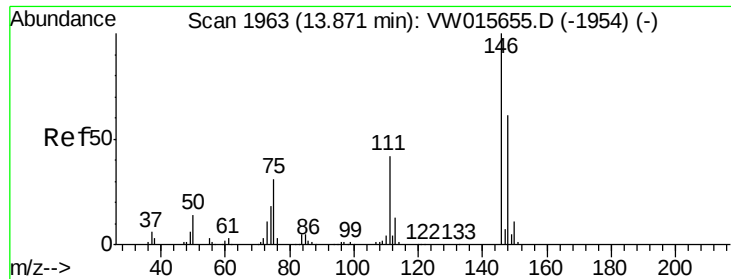
Tgt Ion: 117 Resp: 91181

Ion Ratio Lower Upper

117 100

201 74.1 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 53.930 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

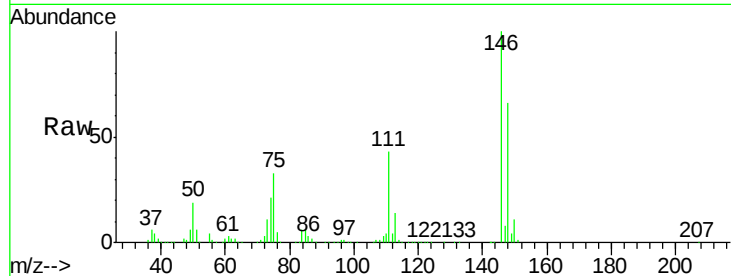
Tgt Ion:146 Resp: 218641

Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

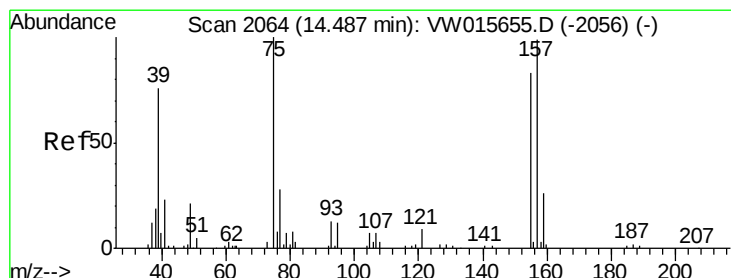
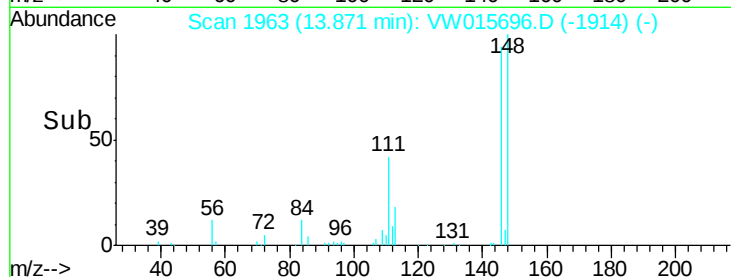
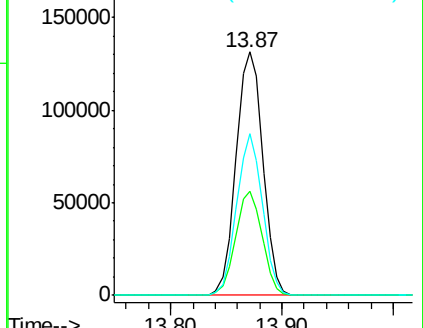
148 64.0 32.2 96.6



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: 58.932 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

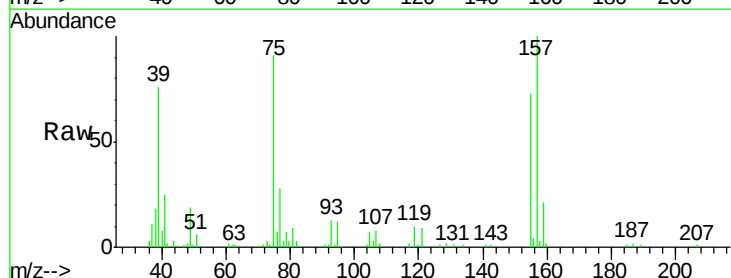
Tgt Ion: 75 Resp: 15992

Ion Ratio Lower Upper

75 100

155 80.5 40.8 122.2

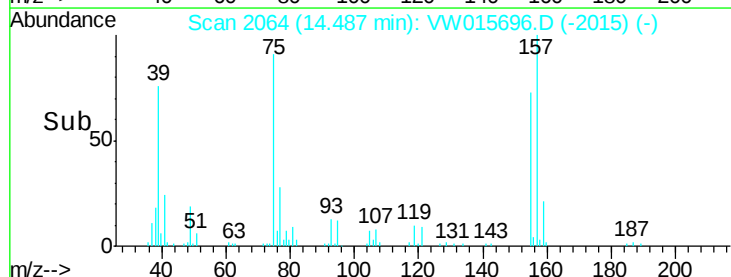
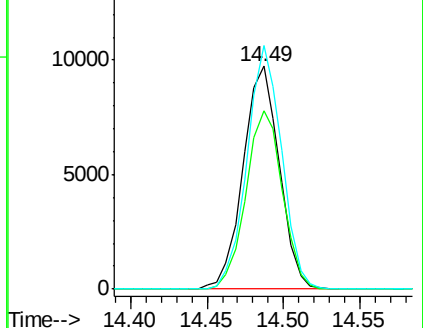
157 104.4 50.7 152.1

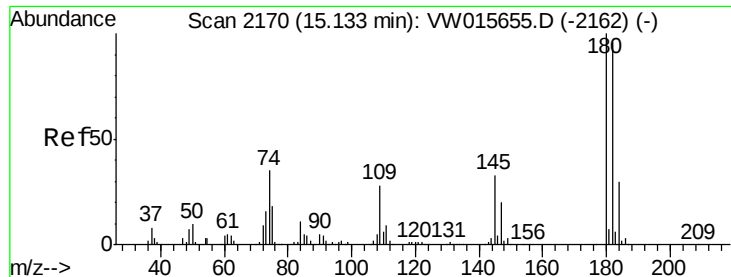


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

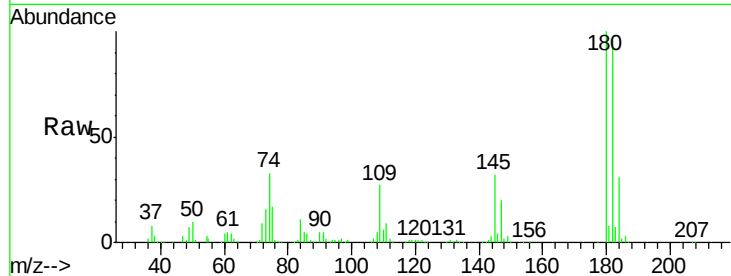




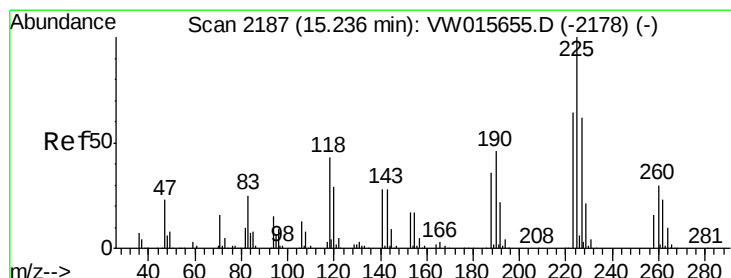
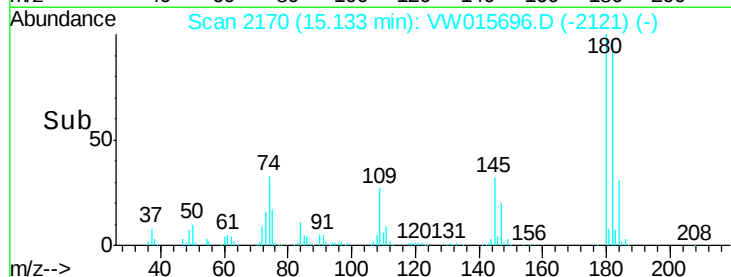
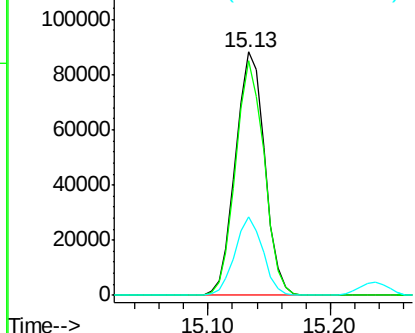
#93
 1,2,4-Trichlorobenzene
 Concen: 54.453 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 145784
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.6
 145 31.0 15.6 46.7

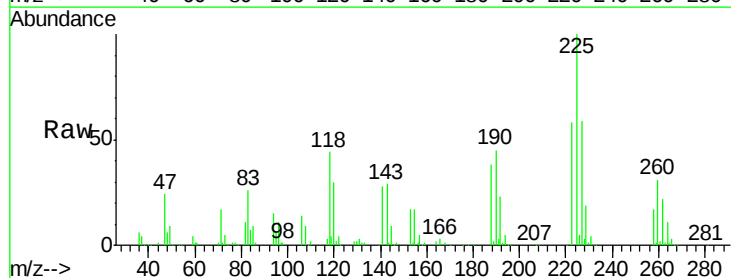


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

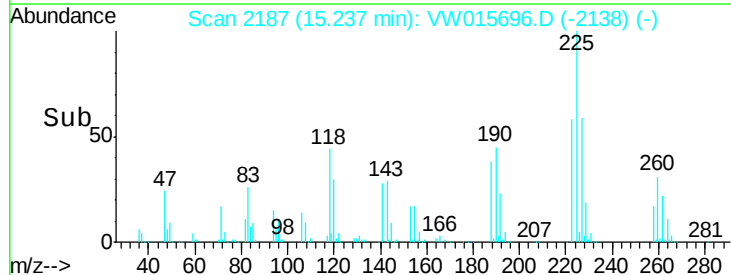
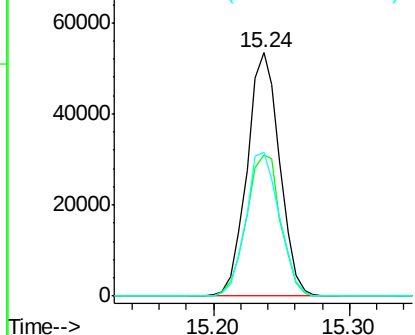


#94
 Hexachlorobutadiene
 Concen: 52.502 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion:225 Resp: 89547
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.0 93.0
 227 61.1 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

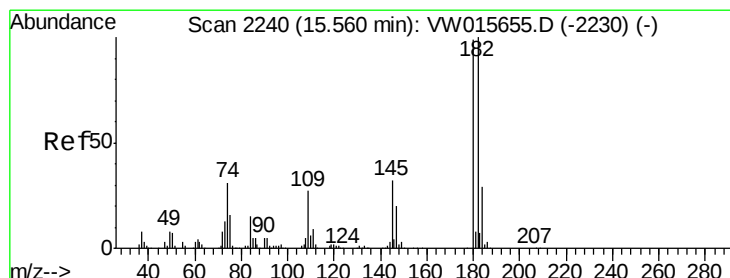
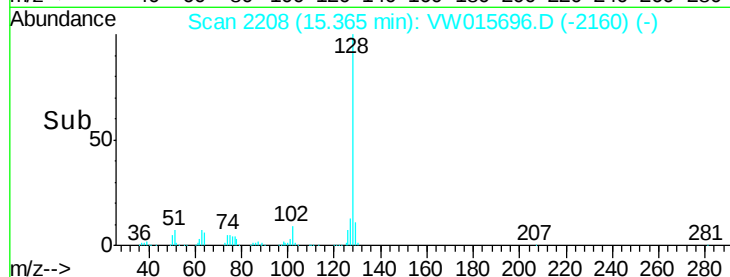
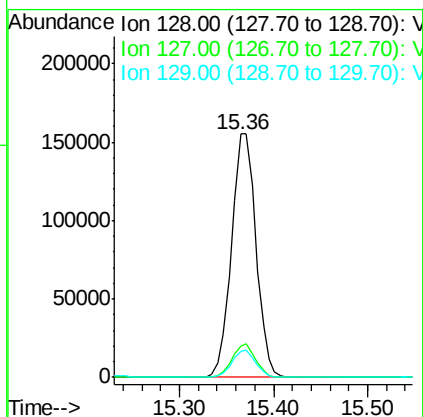
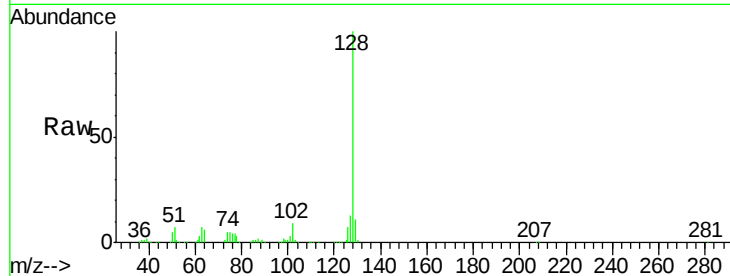




#95
Naphthalene
Concen: 63.269 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 280162
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 58.629 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion:180 Resp: 135143
Ion Ratio Lower Upper
180 100
182 93.8 49.0 147.0
145 31.9 16.4 49.2

