

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015836.D
 Acq On : 09 Jul 2020 18:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 10 06:30:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	313515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103761	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.89	113	91617	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.33	98	361577	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.62	95	139455	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52472	50.305	ug/l	97
3) Chloromethane	2.21	50	65029	45.906	ug/l	96
4) Vinyl Chloride	2.37	62	110422	50.486	ug/l	98
5) Bromomethane	2.78	94	82076	49.042	ug/l	99
6) Chloroethane	2.93	64	76366	51.736	ug/l	97
7) Trichlorofluoromethane	3.26	101	81831	52.059	ug/l	95
8) Diethyl Ether	3.68	74	50597	51.661	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	96940	52.683	ug/l	98
10) Methyl Iodide	4.28	142	135593	52.704	ug/l	100
11) Tert butyl alcohol	5.20	59	28712	270.338	ug/l	100
12) 1,1-Dichloroethene	4.04	96	93849	51.875	ug/l	98
13) Acrolein	3.90	56	33322	235.522	ug/l	99
14) Allyl chloride	4.67	41	153965	52.361	ug/l	100
15) Acrylonitrile	5.38	53	107651	281.124	ug/l	100
16) Acetone	4.14	43	96792	253.642	ug/l	98
17) Carbon Disulfide	4.39	76	271907	50.524	ug/l	100
18) Methyl Acetate	4.68	43	46761	53.845	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	153080	56.536	ug/l	96
20) Methylene Chloride	4.92	84	115738	59.949	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	110483	52.725	ug/l	93
22) Diisopropyl ether	6.32	45	327642	55.293	ug/l	99
23) Vinyl Acetate	6.26	43	994872	282.278	ug/l	99
24) 1,1-Dichloroethane	6.22	63	197655	52.685	ug/l	99
25) 2-Butanone	7.18	43	142995	276.056	ug/l	98
26) 2,2-Dichloropropane	7.17	77	118350	50.284	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	122275	54.344	ug/l	99
28) Bromochloromethane	7.51	49	73047	49.115	ug/l	100
29) Tetrahydrofuran	7.54	42	90695	288.531	ug/l	100
30) Chloroform	7.68	83	202791	52.878	ug/l	99
31) Cyclohexane	7.96	56	175740	49.773	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	168314	52.340	ug/l	99
36) 1,1-Dichloropropene	8.09	75	164296	53.161	ug/l	100
37) Ethyl Acetate	7.26	43	65312	54.388	ug/l	100
38) Carbon Tetrachloride	8.07	117	156392	52.296	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	198392	54.401	ug/l	98
40) Benzene	8.33	78	456954	53.977	ug/l	100
41) Methacrylonitrile	7.49	41	36478	53.506	ug/l	94
42) 1,2-Dichloroethane	8.40	62	143292	54.384	ug/l	99
43) Isopropyl Acetate	8.43	43	132040	56.331	ug/l	100
44) Trichloroethene	9.09	130	117687	52.558	ug/l	94
45) 1,2-Dichloropropane	9.37	63	111293	53.484	ug/l	98
46) Dibromomethane	9.46	93	59466	55.508	ug/l	99
47) Bromodichloromethane	9.65	83	152921	55.187	ug/l	98
48) Methyl methacrylate	9.44	41	62488	58.169	ug/l	98
49) 1,4-Dioxane	9.46	88	15969	1205.677	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	332077	290.324	ug/l	99
52) Toluene	10.39	92	297633	54.633	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	152084	57.202	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	176813	55.595	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	83361	56.115	ug/l	98
56) Ethyl methacrylate	10.65	69	109536	59.976	ug/l	99
57) 1,3-Dichloropropane	10.93	76	147283	56.008	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	248686	278.679	ug/l	100
59) 2-Hexanone	10.97	43	230790	302.346	ug/l	99
60) Dibromochloromethane	11.13	129	98500	57.413	ug/l	99
61) 1,2-Dibromoethane	11.24	107	78942	55.538	ug/l	98
64) Tetrachloroethene	10.87	164	99731	53.183	ug/l	94
65) Chlorobenzene	11.66	112	312256	53.885	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	112627	54.922	ug/l	100
67) Ethyl Benzene	11.73	91	587570	54.753	ug/l	97
68) m/p-Xylenes	11.84	106	442935	109.877	ug/l	100
69) o-Xylene	12.17	106	204297	55.520	ug/l	99
70) Styrene	12.18	104	357500	56.464	ug/l	99
71) Bromoform	12.35	173	52653	56.252	ug/l #	97
73) Isopropylbenzene	12.47	105	572890	52.601	ug/l	100
74) N-amyl acetate	12.27	43	130721	56.101	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	98768	54.578	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	70364m	51.788	ug/l	
77) Bromobenzene	12.75	156	130155	53.296	ug/l	96
78) n-propylbenzene	12.80	91	700712	53.006	ug/l	100
79) 2-Chlorotoluene	12.90	91	397087	52.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	502458	54.130	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	28271	47.392	ug/l	96
82) 4-Chlorotoluene	12.99	91	419234	53.254	ug/l	99
83) tert-Butylbenzene	13.21	119	418552	54.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	505523	54.533	ug/l	99
85) sec-Butylbenzene	13.38	105	592939	53.277	ug/l	100
86) p-Isopropyltoluene	13.50	119	546708	53.795	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	257829	52.669	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	250434	52.258	ug/l	99
89) n-Butylbenzene	13.82	91	535408	55.051	ug/l	99
90) Hexachloroethane	14.10	117	97194	52.764	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	220121	51.902	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16174	55.938	ug/l	98

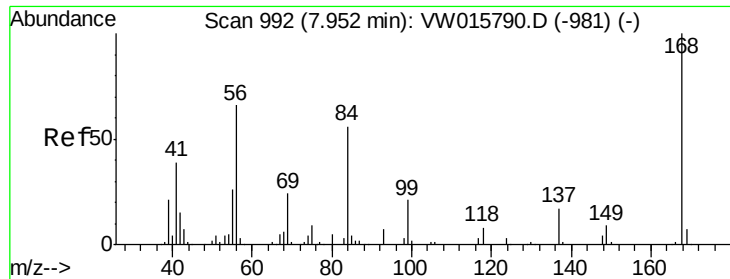
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	155359	58.104	ug/l	100
94) Hexachlorobutadiene	15.24	225	92616	54.556	ug/l	98
95) Naphthalene	15.37	128	278859	55.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	136475	59.984	ug/l	98

(#) = 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: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

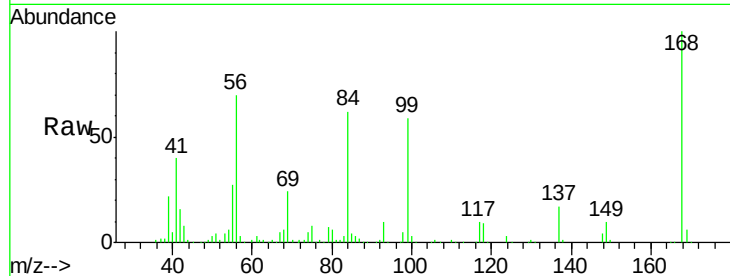
VSTDCCC050EC

Tot Ion:168 Resp: 198057

Ion Ratio Lower Upper

168 100

99 58.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

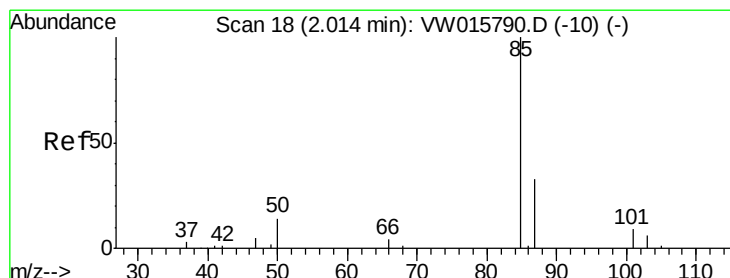
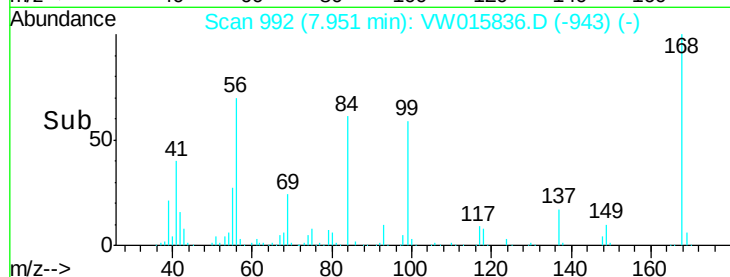
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.305 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015836.D

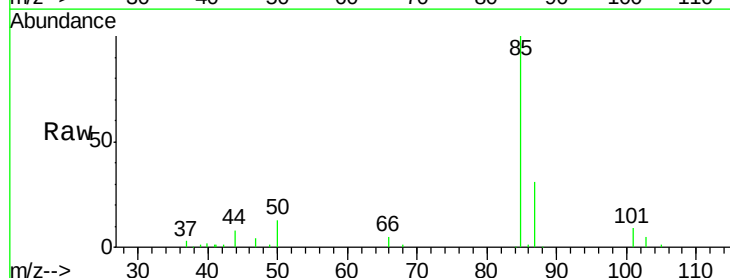
Acq: 09 Jul 2020 18:11

Tgt Ion: 85 Resp: 52472

Ion Ratio Lower Upper

85 100

87 30.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

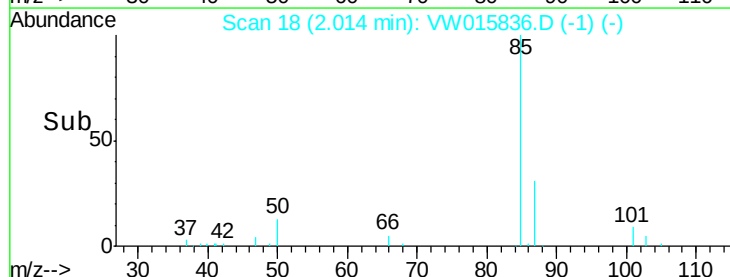
10000

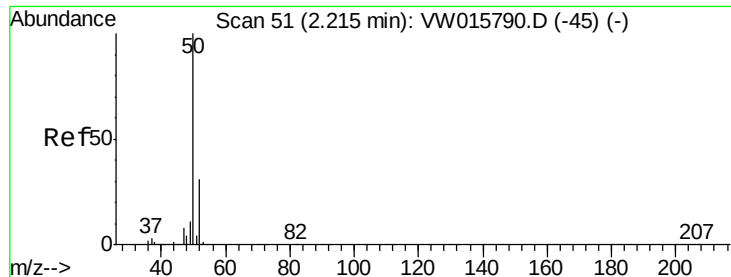
5000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 45.906 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

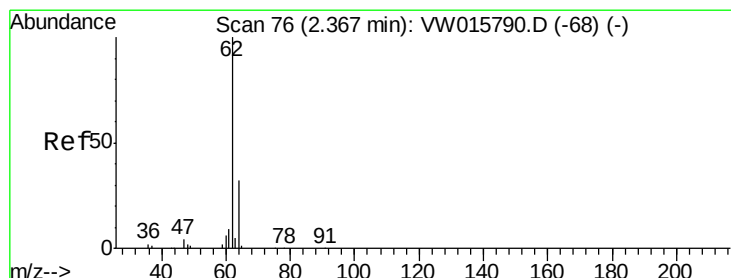
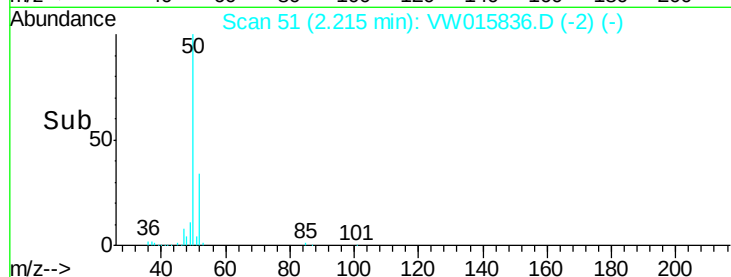
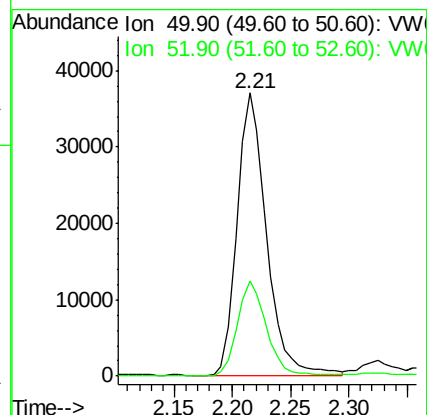
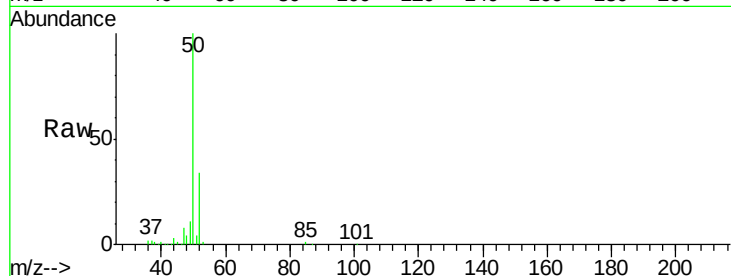
VSTDCCC050EC

Tot Ion: 50 Resp: 65029

Ion Ratio Lower Upper

50 100

52 33.9 25.2 37.8



#4

Vinyl Chloride

Concen: 50.486 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015836.D

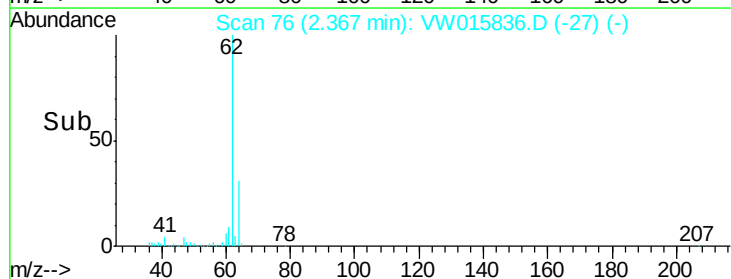
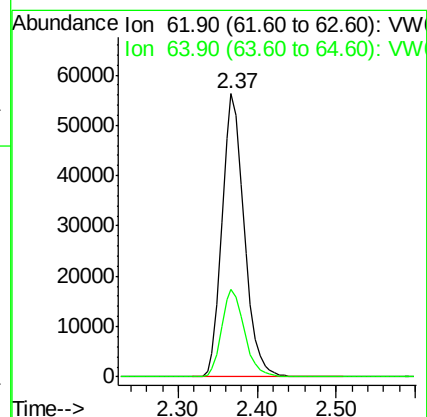
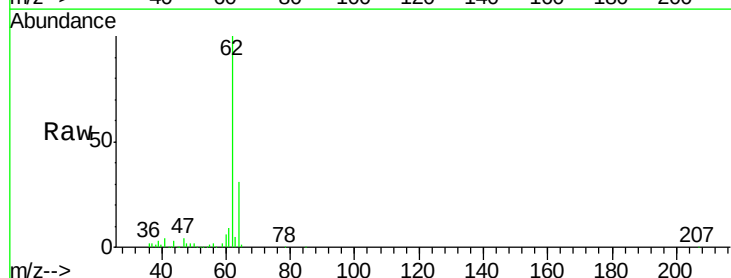
Acq: 09 Jul 2020 18:11

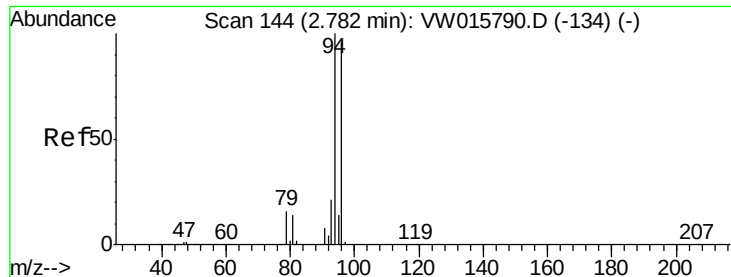
Tgt Ion: 62 Resp: 110422

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 49.042 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

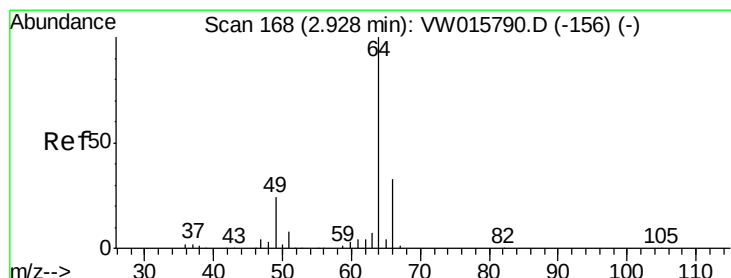
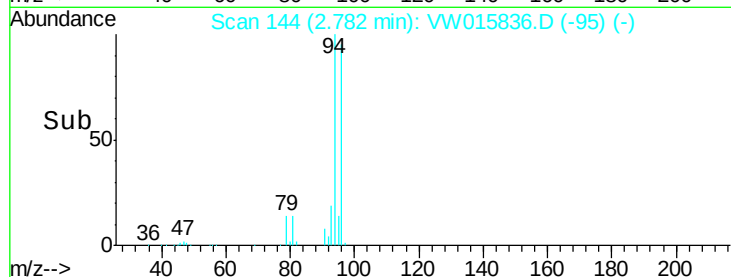
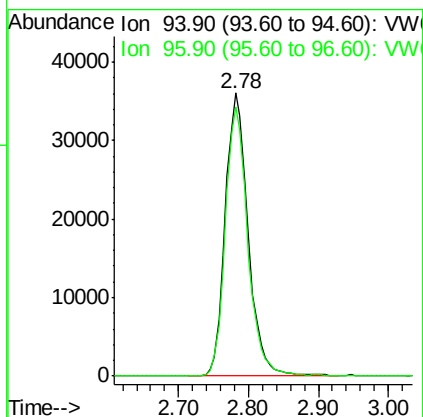
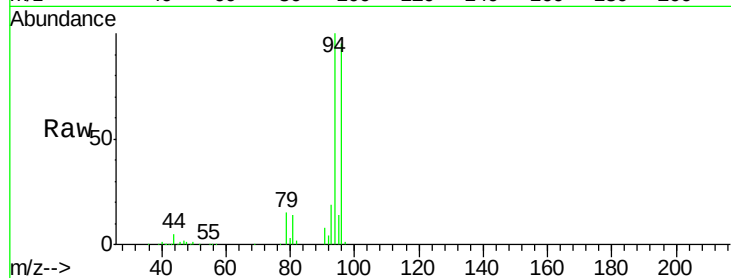
VSTDCCC050EC

Tot Ion: 94 Resp: 82076

Ion Ratio Lower Upper

94 100

96 95.0 76.7 115.1



#6

Chloroethane

Concen: 51.736 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015836.D

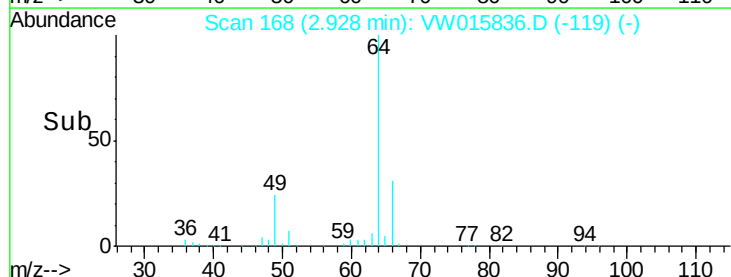
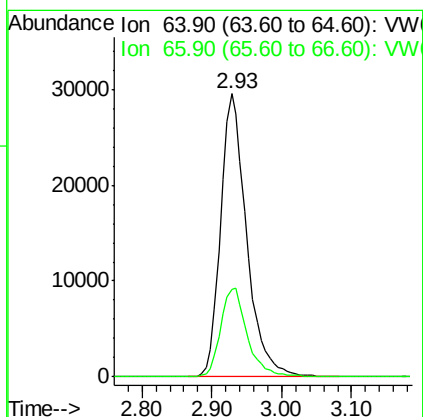
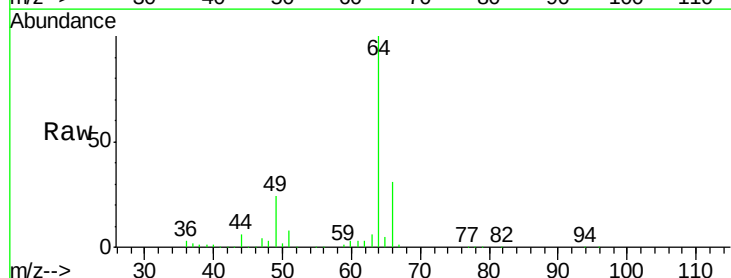
Acq: 09 Jul 2020 18:11

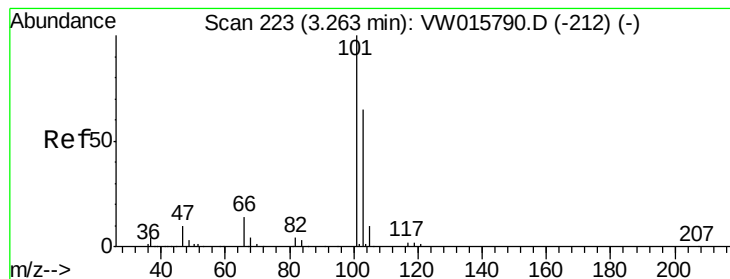
Tgt Ion: 64 Resp: 76366

Ion Ratio Lower Upper

64 100

66 31.0 26.0 39.0



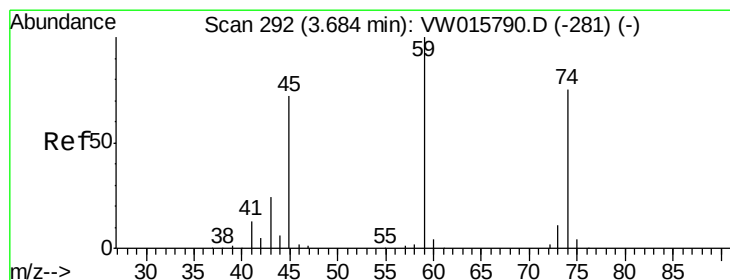
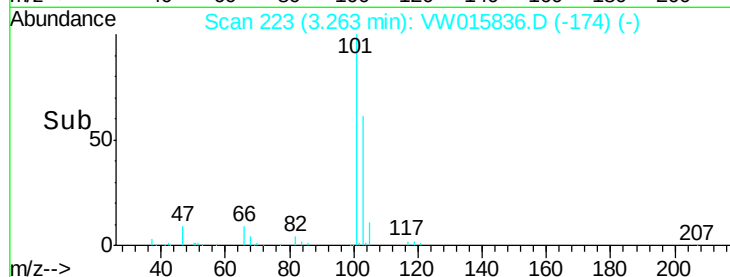
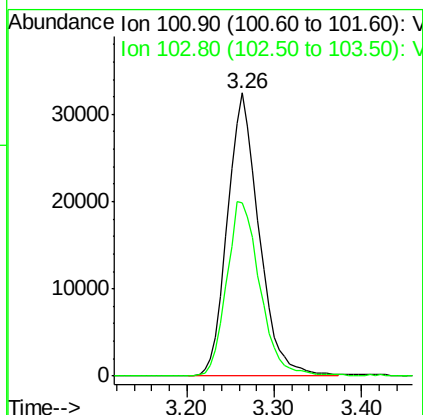
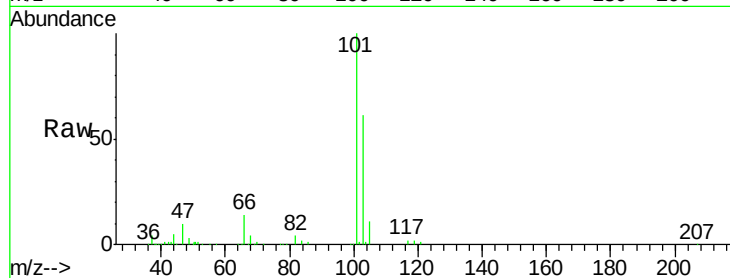


#7

Trichlorofluoromethane
Concen: 52.059 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015836.D
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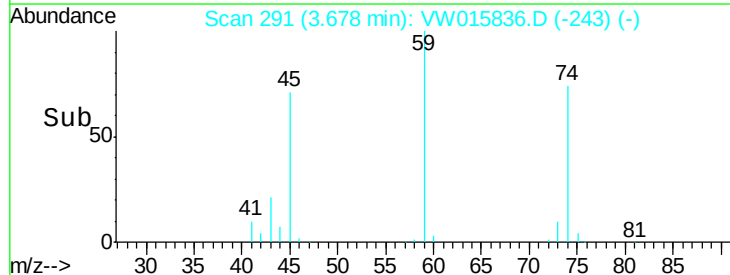
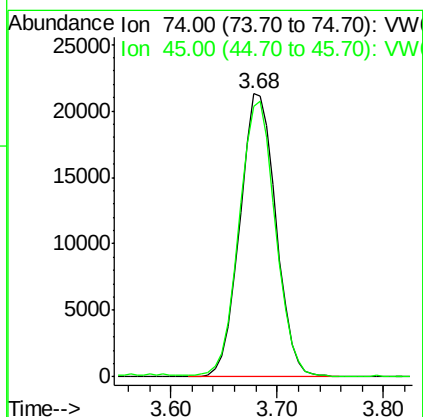
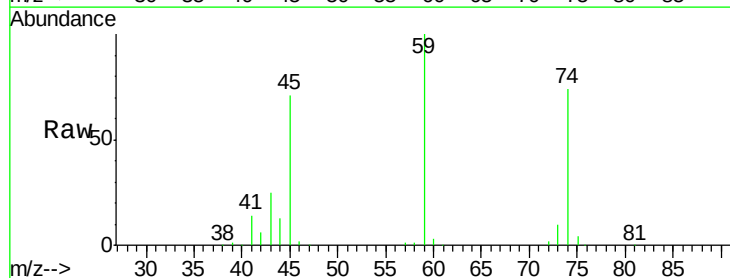
Tot Ion:101 Resp: 81831
Ion Ratio Lower Upper
101 100
103 61.4 52.2 78.4

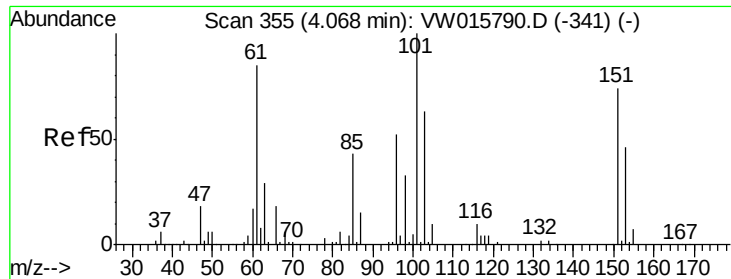


#8

Diethyl Ether
Concen: 51.661 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 74 Resp: 50597
Ion Ratio Lower Upper
74 100
45 98.8 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.683 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

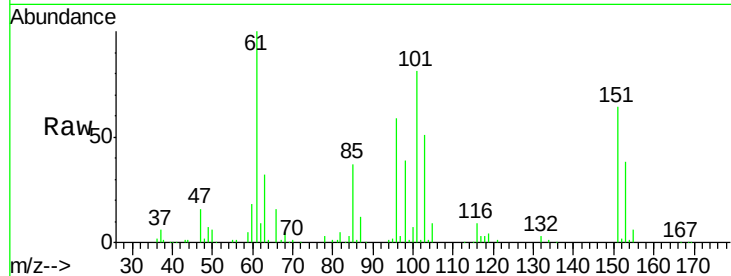
Tot Ion:101 Resp: 96940

Ion Ratio Lower Upper

101 100

85 44.7 36.1 54.1

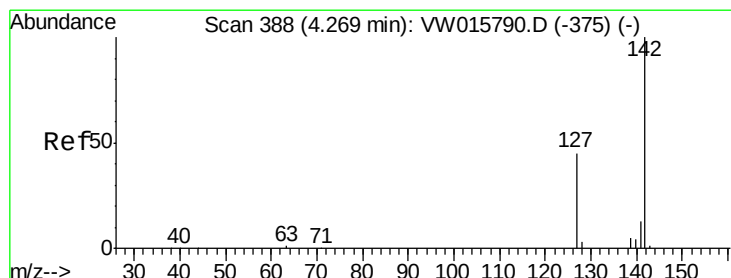
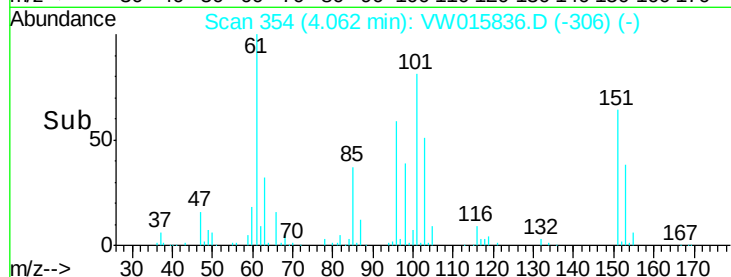
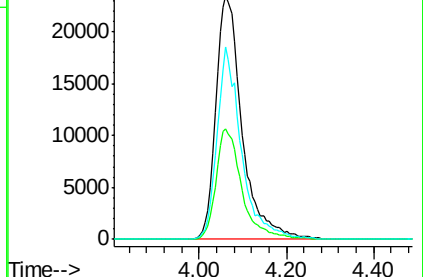
151 73.4 60.3 90.5



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: 52.704 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015836.D

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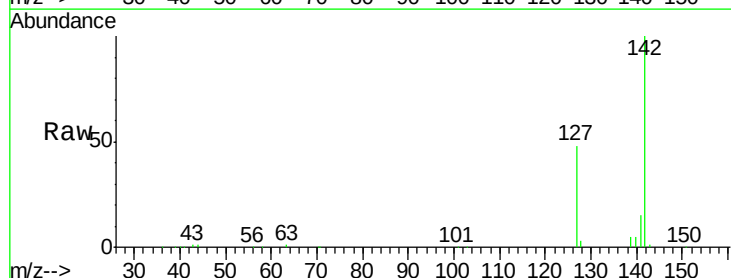
Tgt Ion:142 Resp: 135593

Ion Ratio Lower Upper

142 100

127 45.4 36.1 54.1

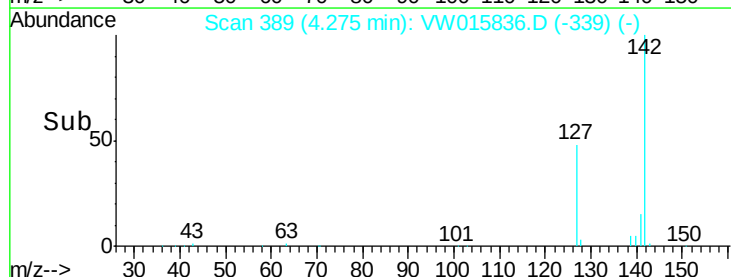
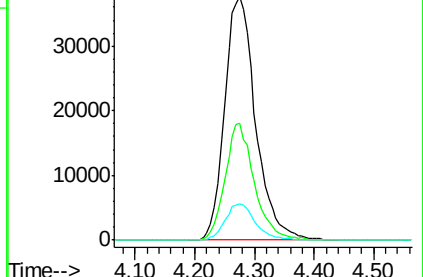
141 14.7 11.7 17.5

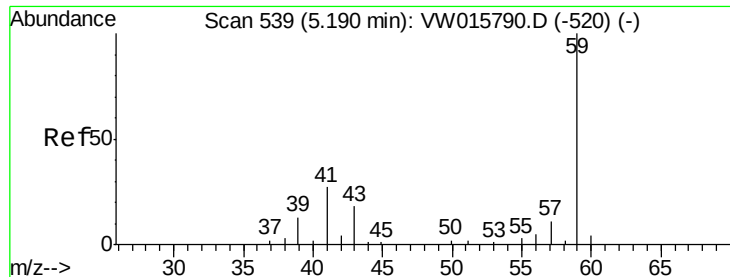


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



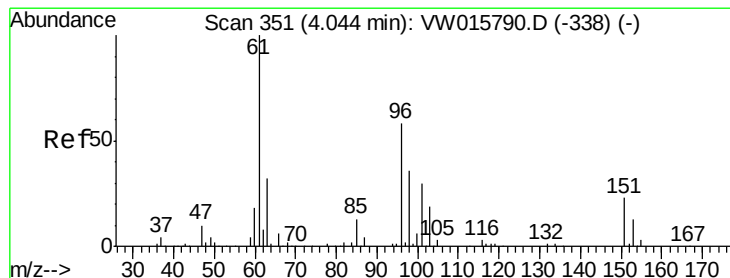
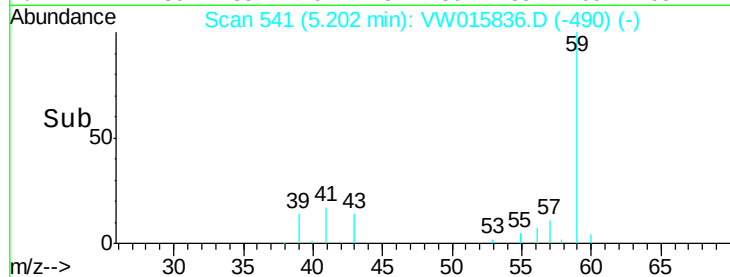
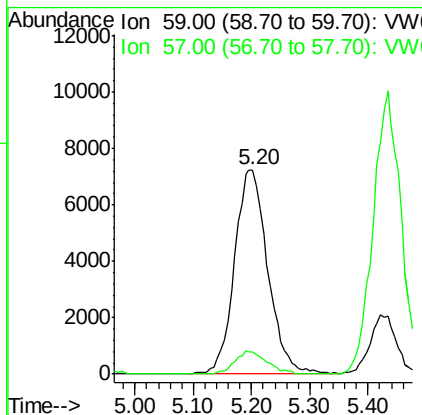
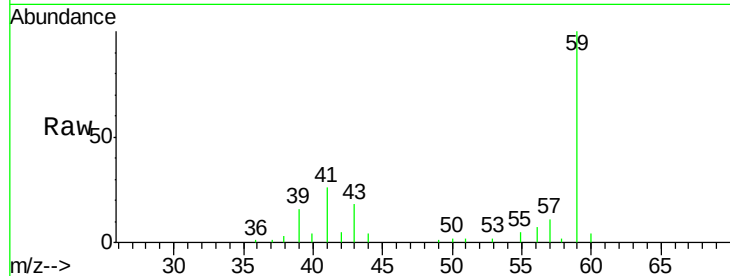


#11

Tert butyl alcohol
 Concen: 270.338 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

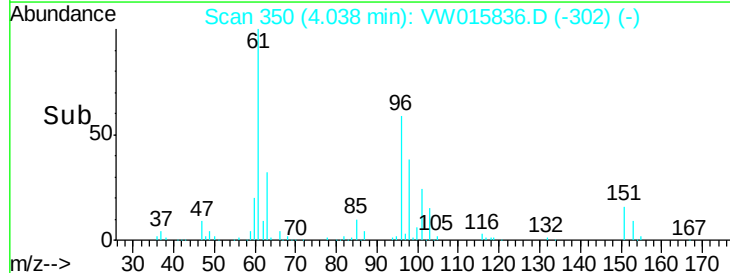
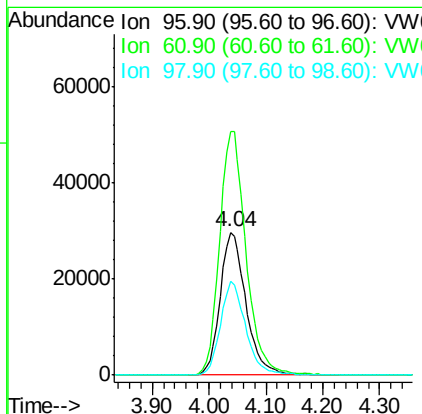
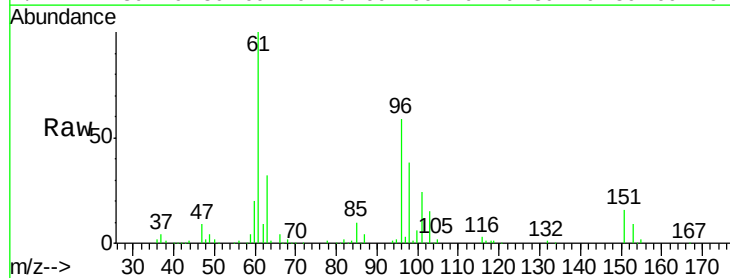
Tot Ion: 59 Resp: 28712
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.7 13.1

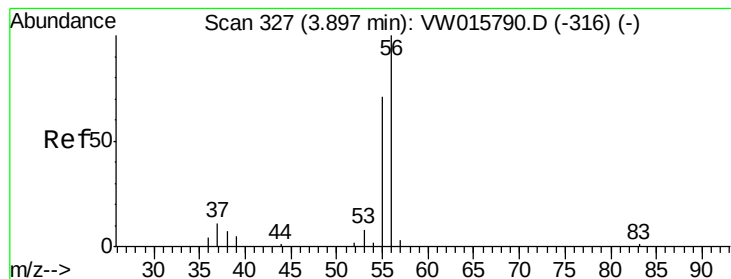


#12

1,1-Dichloroethene
 Concen: 51.875 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Tgt Ion: 96 Resp: 93849
 Ion Ratio Lower Upper
 96 100
 61 170.1 137.0 205.4
 98 65.4 49.3 73.9





#13

Acrolein

Concen: 235.522 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

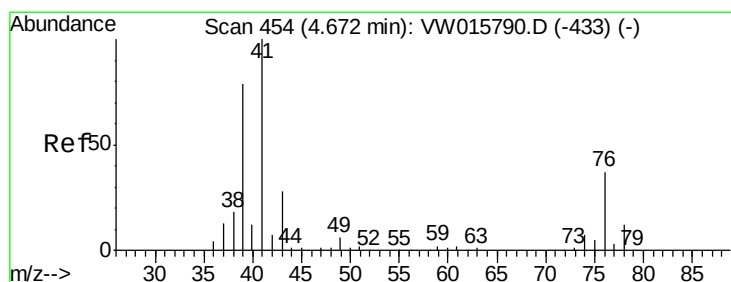
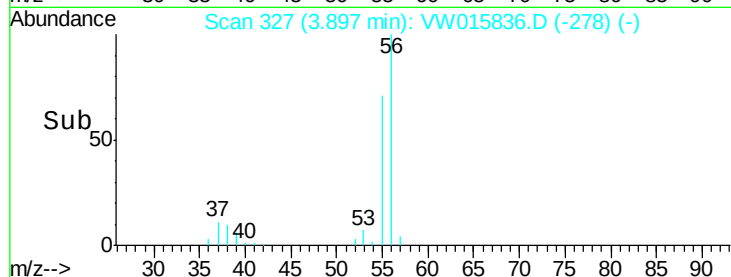
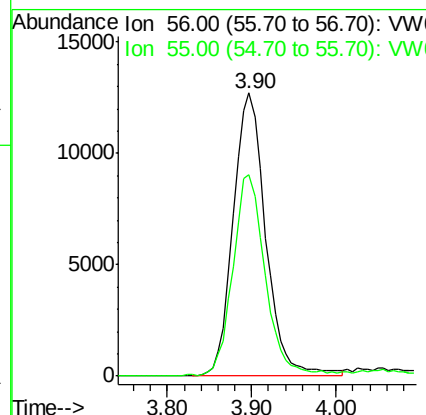
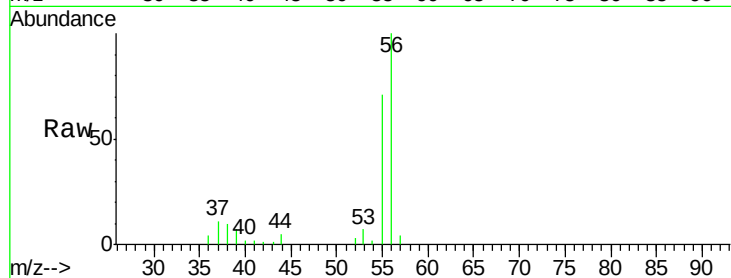
VSTDCCC050EC

Tot Ion: 56 Resp: 33322

Ion Ratio Lower Upper

56 100

55 70.2 55.8 83.6



#14

Allyl chloride

Concen: 52.361 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

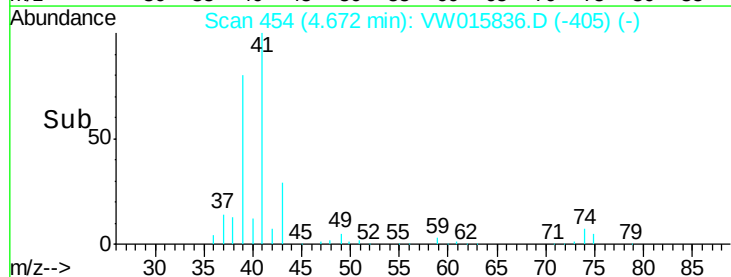
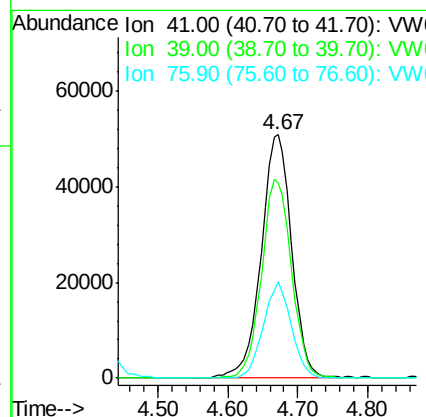
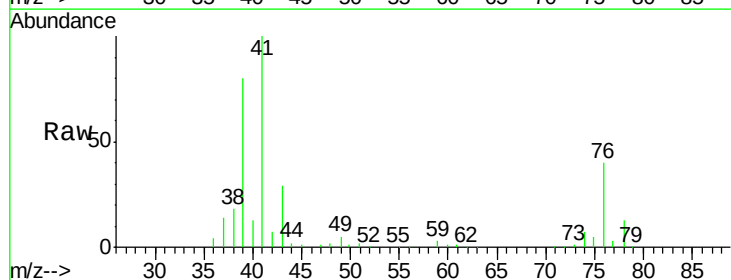
Tgt Ion: 41 Resp: 153965

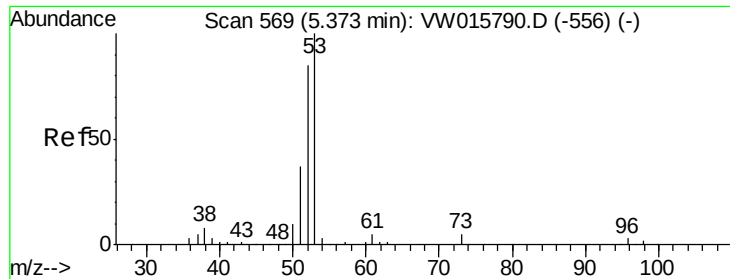
Ion Ratio Lower Upper

41 100

39 80.5 64.0 96.0

76 36.3 28.9 43.3





#15

Acrylonitrile

Concen: 281.124 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

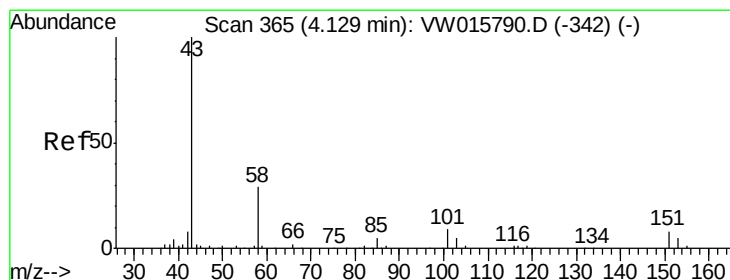
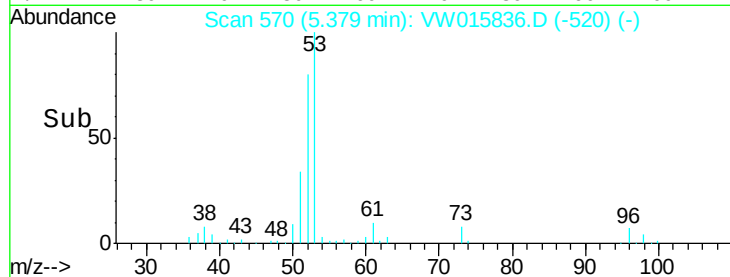
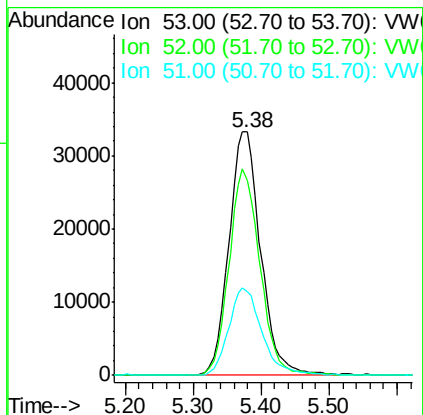
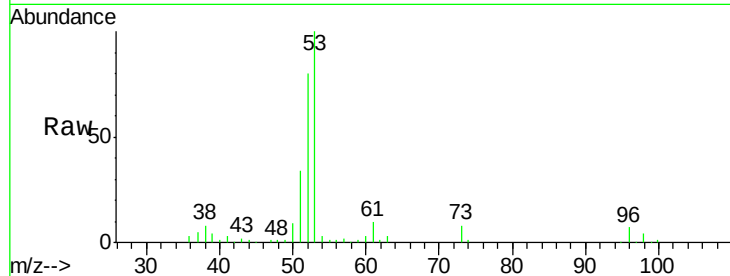
Tot Ion: 53 Resp: 107651

Ion Ratio Lower Upper

53 100

52 82.8 65.8 98.8

51 37.6 30.2 45.2



#16

Acetone

Concen: 253.642 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015836.D

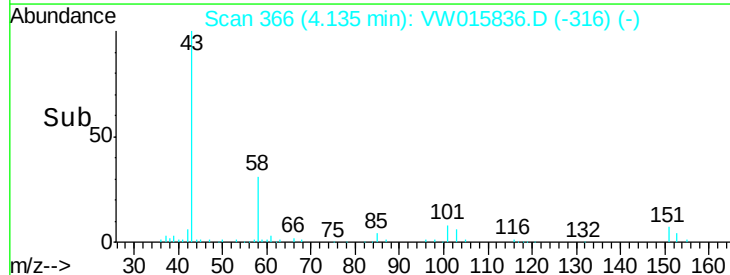
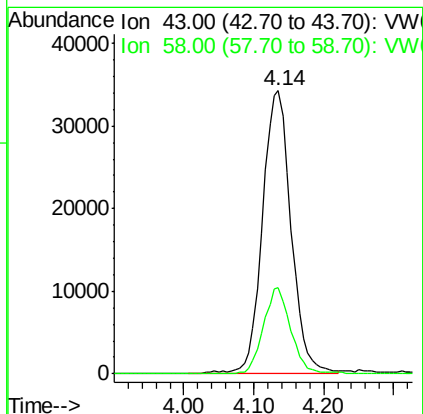
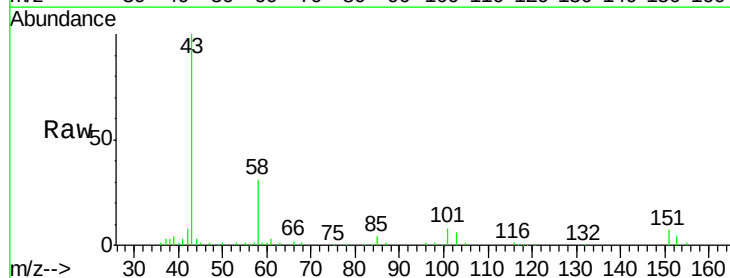
Acq: 09 Jul 2020 18:11

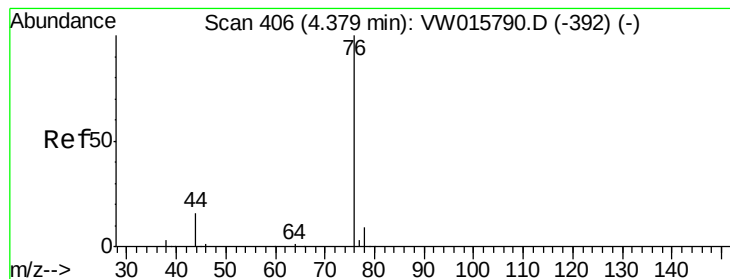
Tgt Ion: 43 Resp: 96792

Ion Ratio Lower Upper

43 100

58 30.6 23.5 35.3





#17

Carbon Disulfide

Concen: 50.524 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

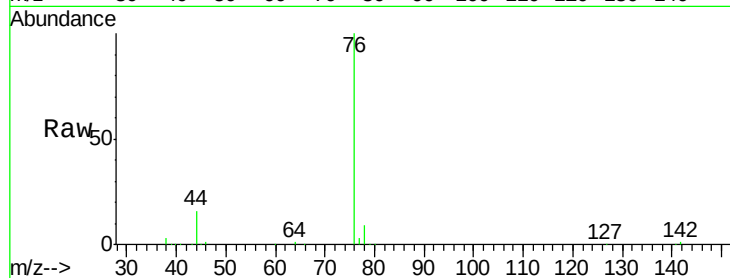
VSTDCCC050EC

Tot Ion: 76 Resp: 271907

Ion Ratio Lower Upper

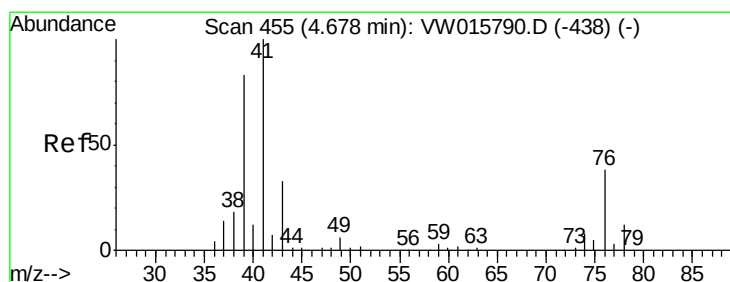
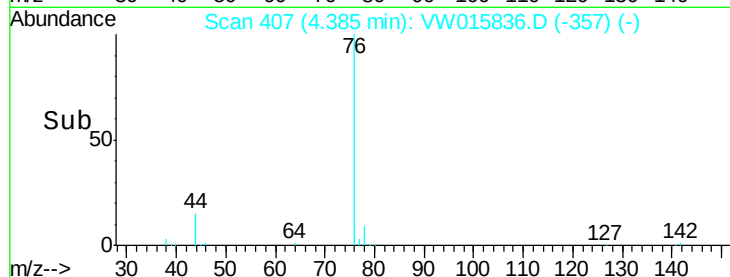
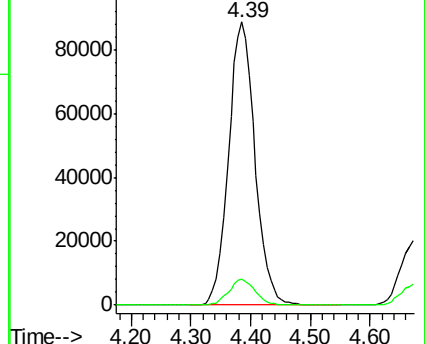
76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 53.845 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015836.D

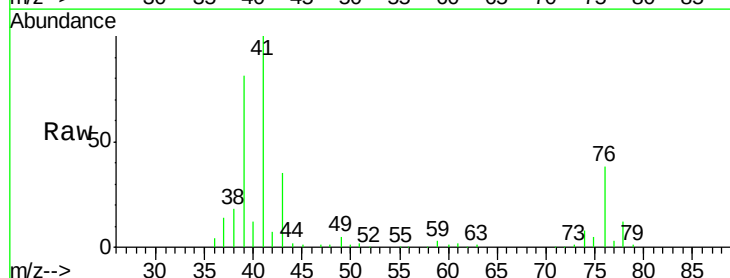
Acq: 09 Jul 2020 18:11

Tgt Ion: 43 Resp: 46761

Ion Ratio Lower Upper

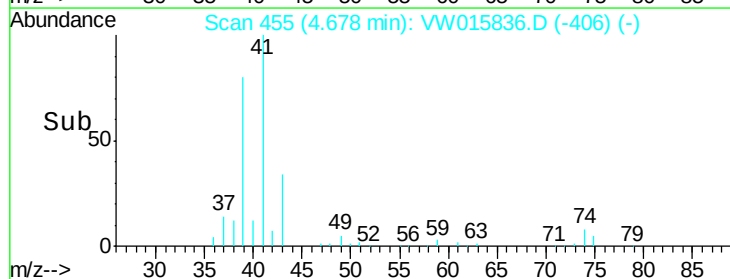
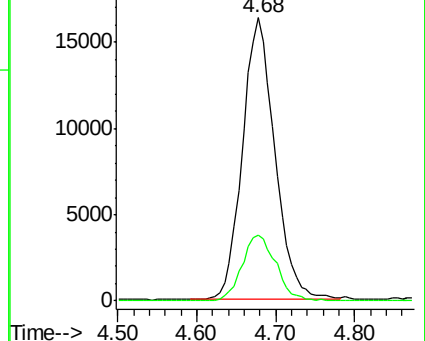
43 100

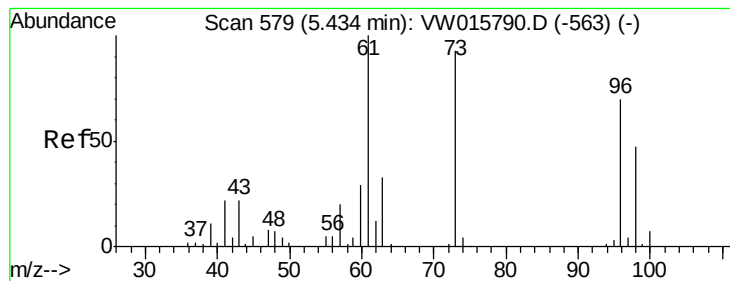
74 24.2 19.2 28.8



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: 56.536 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

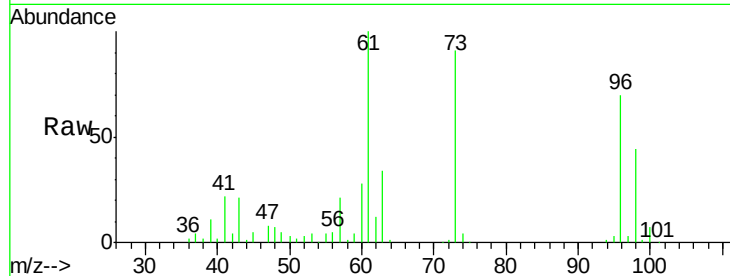
VSTDCCC050EC

Tot Ion: 73 Resp: 153080

Ion Ratio Lower Upper

73 100

57 22.8 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.43

40000

30000

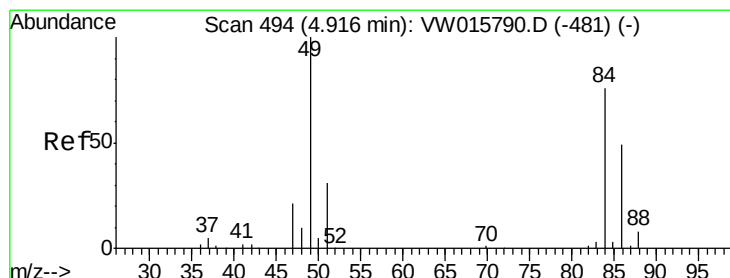
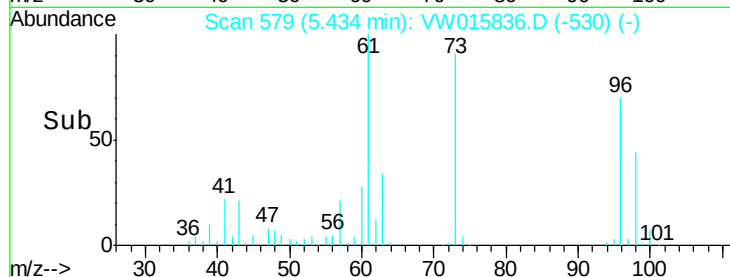
20000

10000

0

5.30 5.40 5.50 5.60

Time-->



#20

Methylene Chloride

Concen: 59.949 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Tgt Ion: 84 Resp: 115738

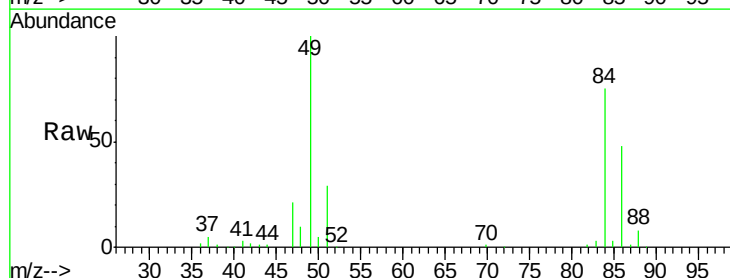
Ion Ratio Lower Upper

84 100

49 133.7 105.0 157.6

51 38.5 32.3 48.5

86 64.2 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

60000

50000

40000

30000

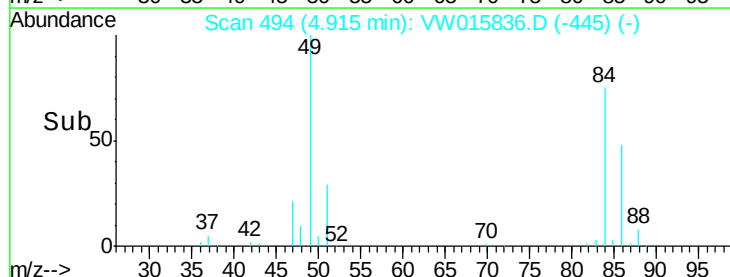
20000

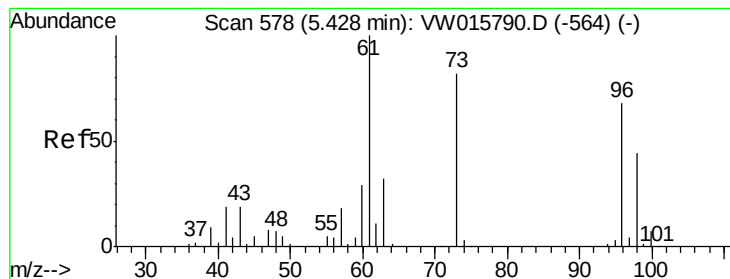
10000

0

4.70 4.80 4.90 5.00 5.10

Time-->





#21

trans-1,2-Dichloroethene

Concen: 52.725 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

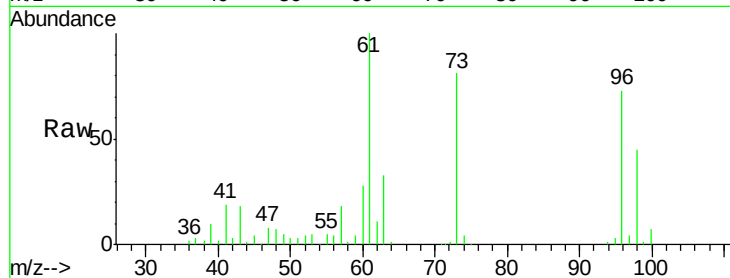
Tot Ion: 96 Resp: 110483

Ion Ratio Lower Upper

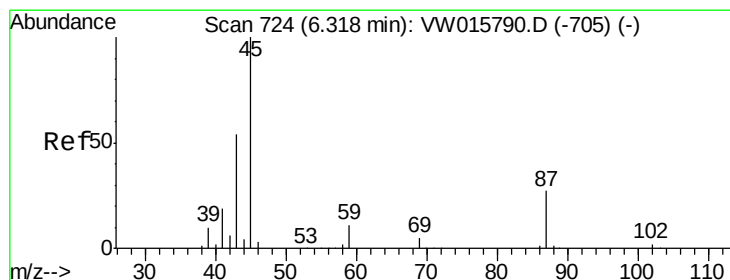
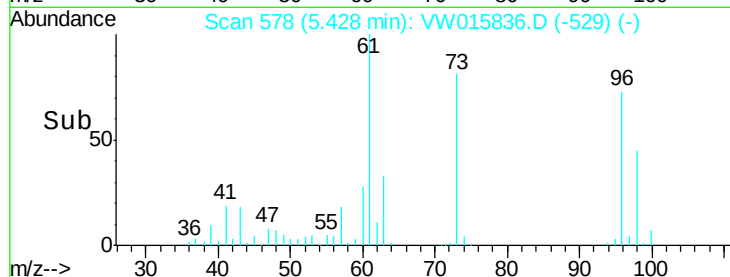
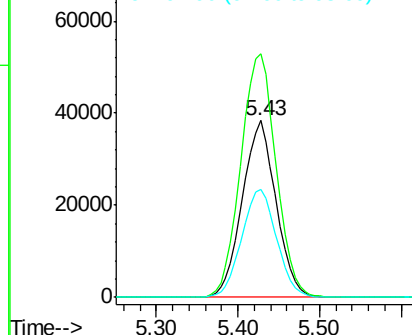
96 100

61 137.8 118.1 177.1

98 61.3 52.6 78.8



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: 55.293 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Tgt Ion: 45 Resp: 327642

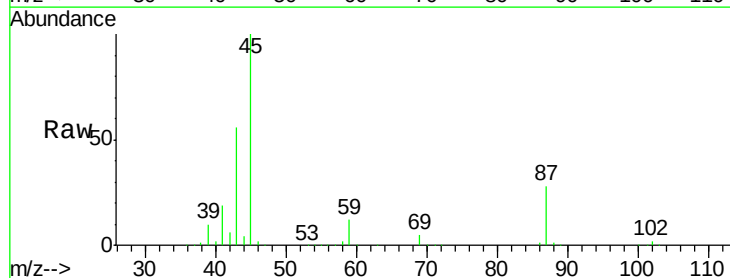
Ion Ratio Lower Upper

45 100

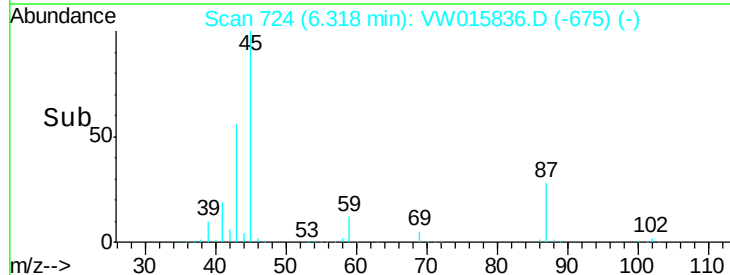
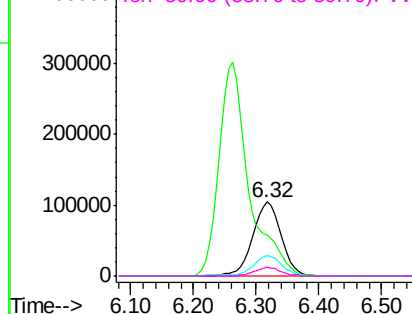
43 55.8 43.8 65.6

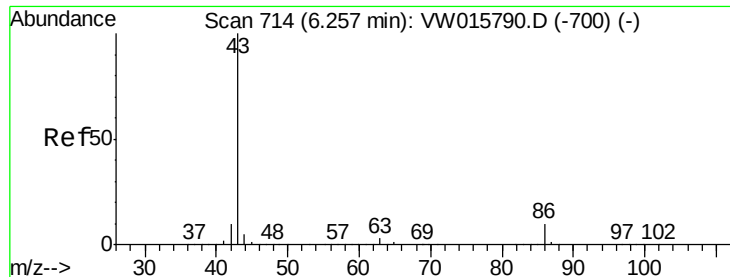
87 28.2 22.1 33.1

59 11.8 8.9 13.3



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: 282.278 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

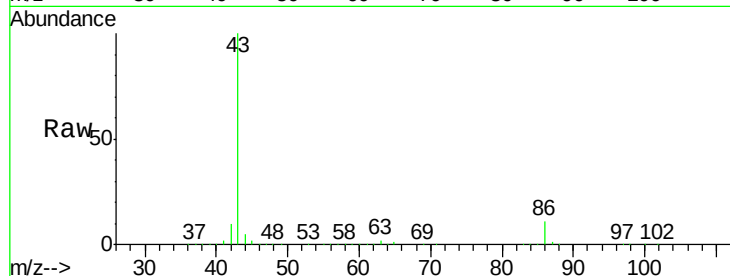
VSTDCCC050EC

Tot Ion: 43 Resp: 994872

Ion Ratio Lower Upper

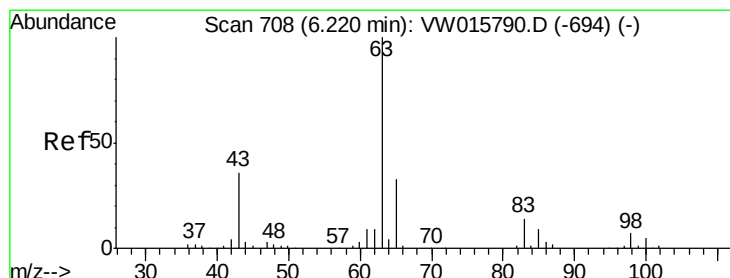
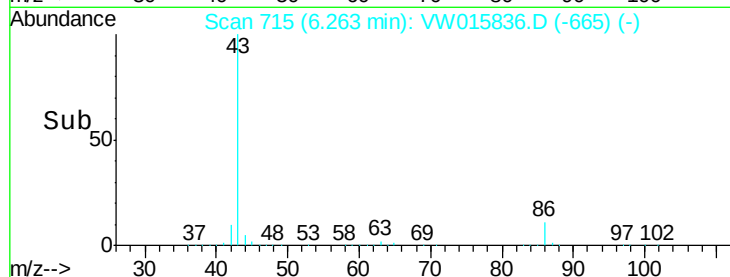
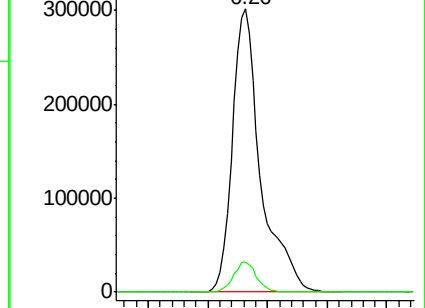
43 100

86 10.7 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 52.685 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

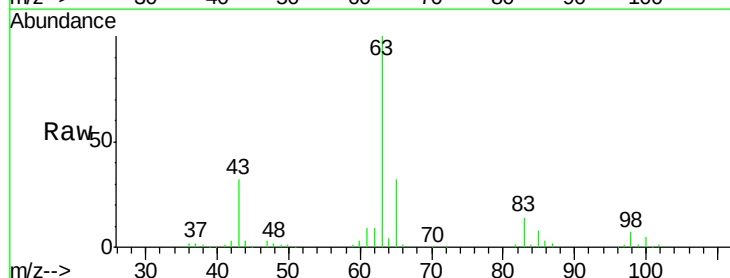
Tgt Ion: 63 Resp: 197655

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

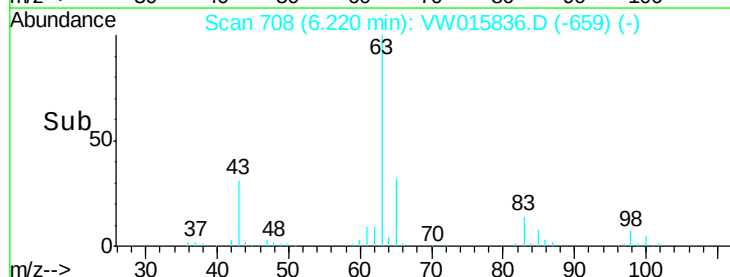
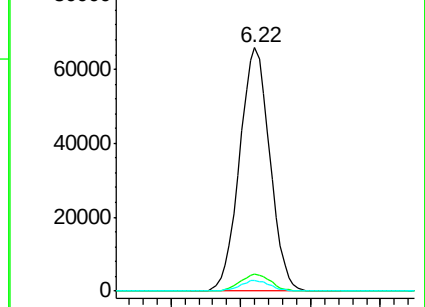
100 4.5 2.4 7.1

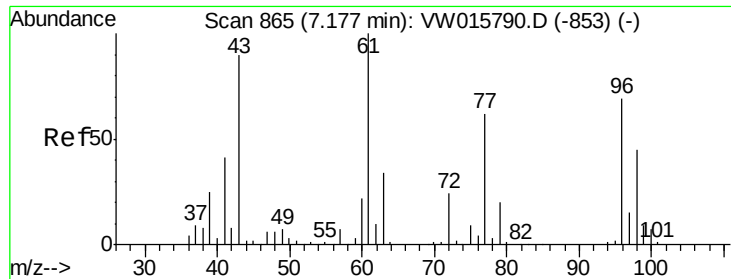


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

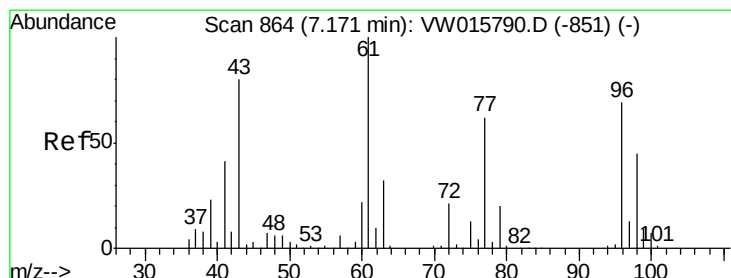
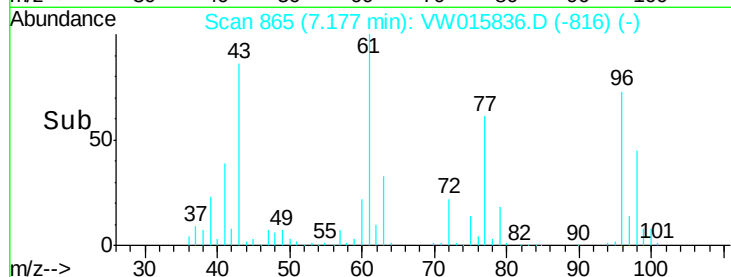
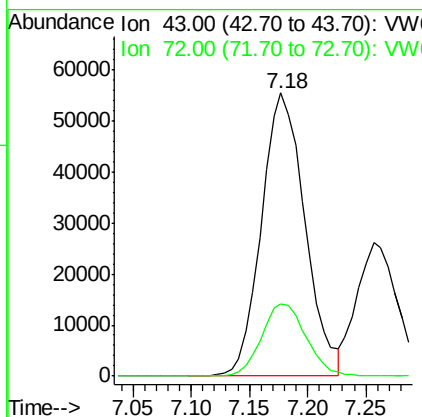
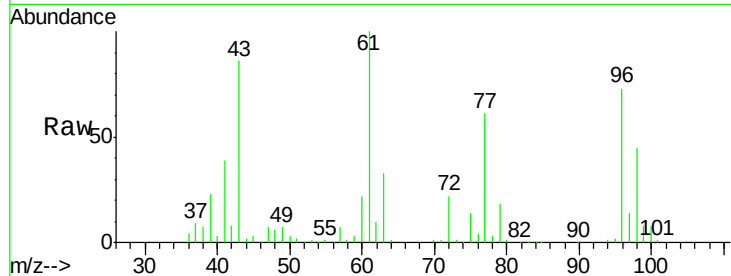




#25
2-Butanone
Concen: 276.056 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

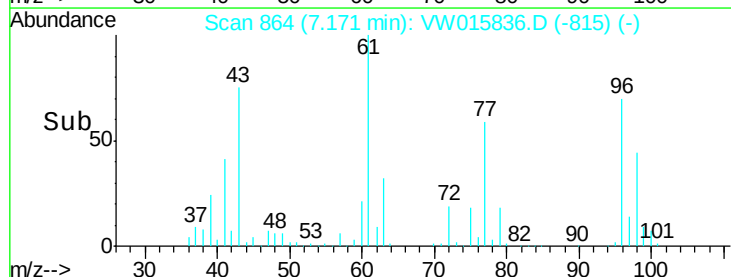
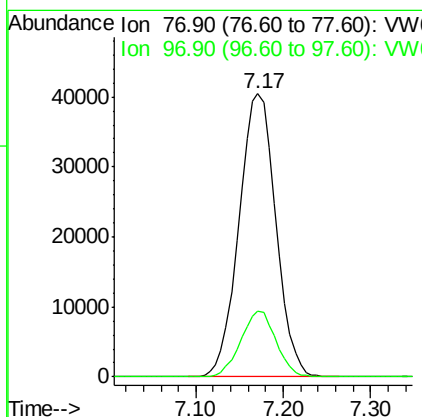
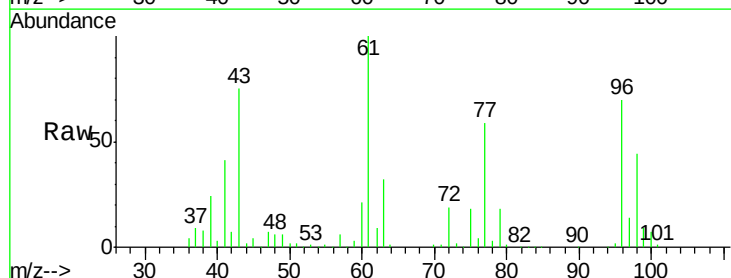
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

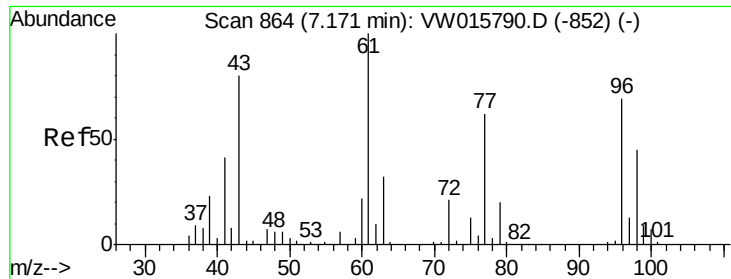
Tot Ion: 43 Resp: 142995
Ion Ratio Lower Upper
43 100
72 25.4 21.3 31.9



#26
2,2-Dichloropropane
Concen: 50.284 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 77 Resp: 118350
Ion Ratio Lower Upper
77 100
97 22.2 11.0 33.0



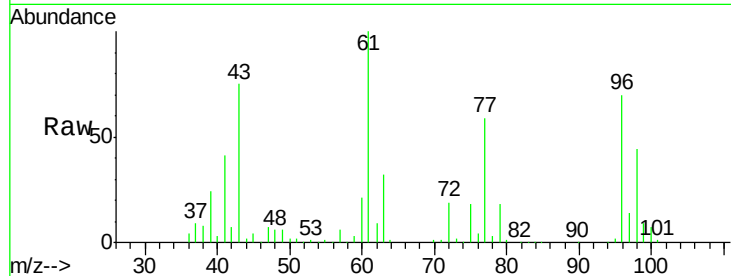


#27

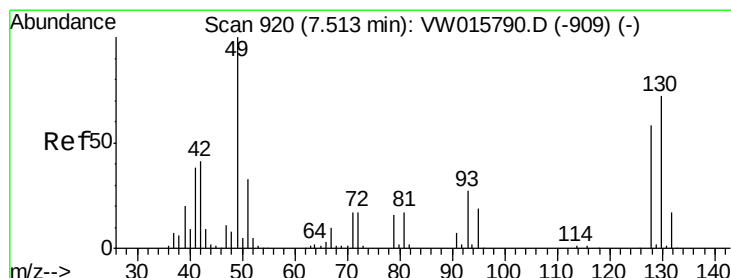
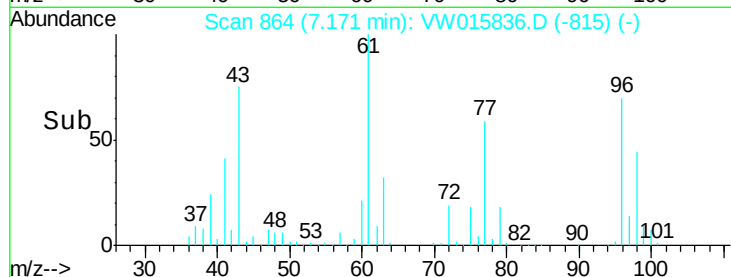
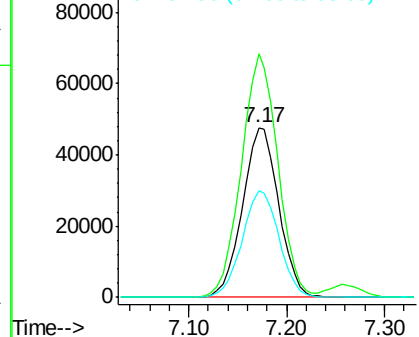
cis-1,2-Dichloroethene
 Concen: 54.344 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 122275
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 292.2
 98 63.6 0.0 129.0



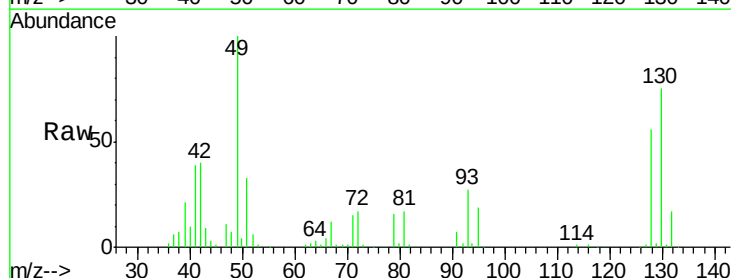
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



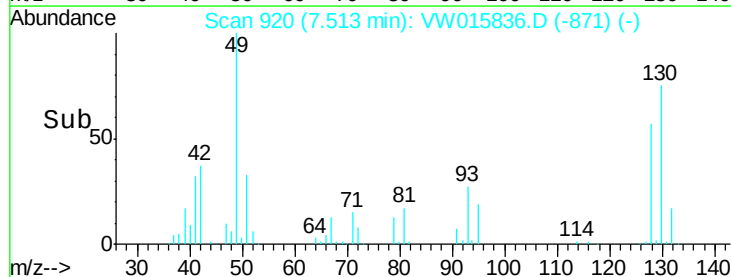
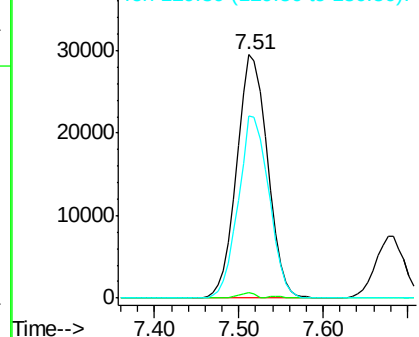
#28

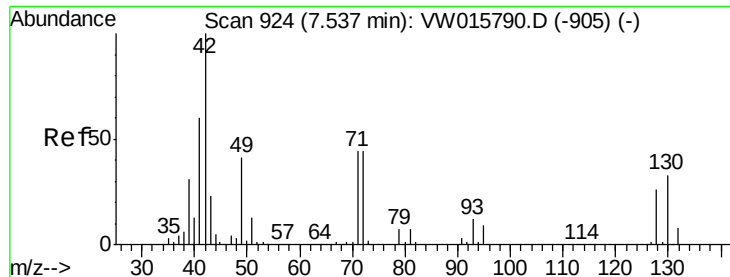
Bromochloromethane
 Concen: 49.115 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Tgt Ion: 49 Resp: 73047
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.6
 130 74.5 59.5 89.3



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

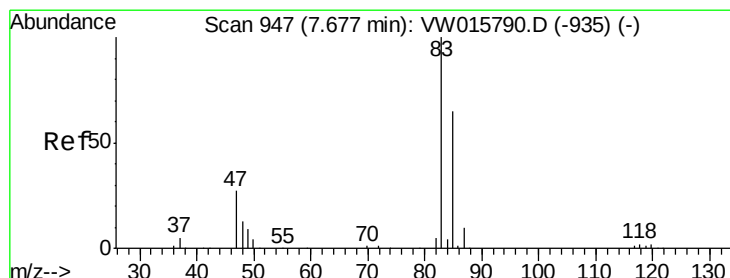
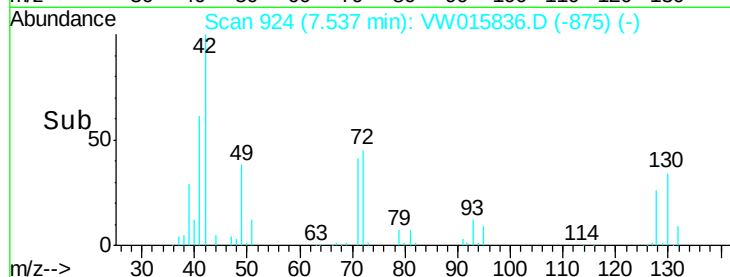
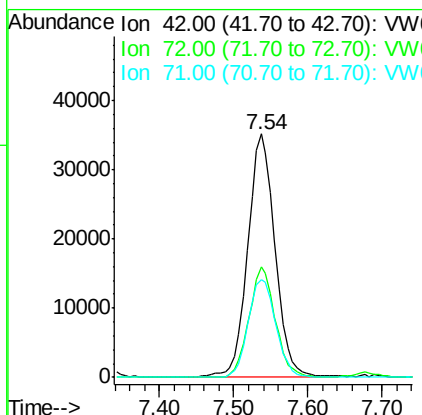
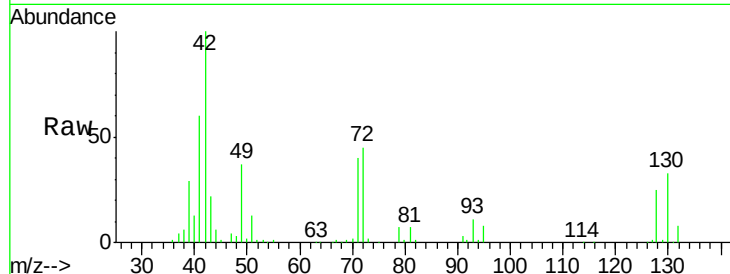




#29
Tetrahydrofuran
Concen: 288.531 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

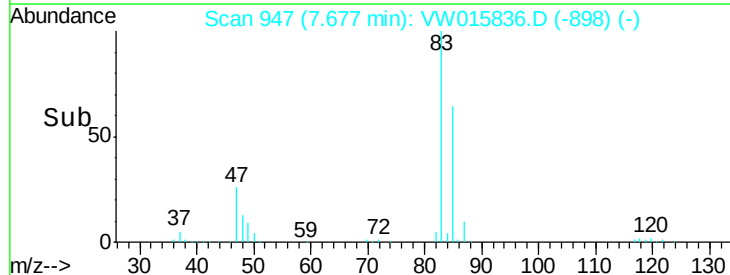
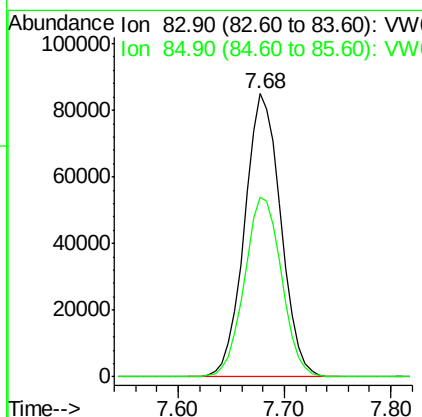
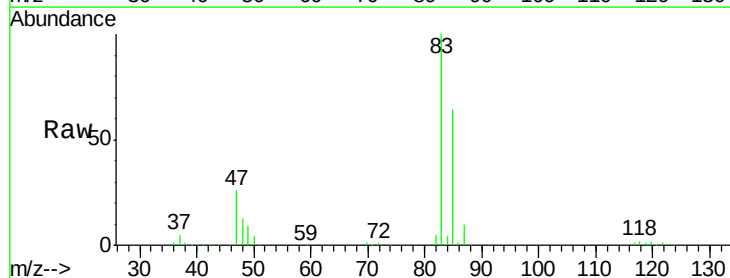
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

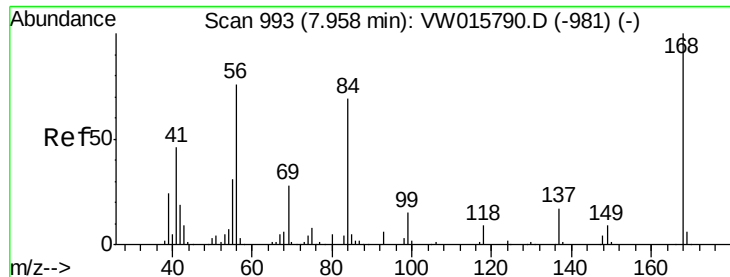
Tot Ion: 42 Resp: 90695
Ion Ratio Lower Upper
42 100
72 43.4 34.6 51.8
71 40.7 32.8 49.2



#30
Chloroform
Concen: 52.878 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 83 Resp: 202791
Ion Ratio Lower Upper
83 100
85 63.7 51.6 77.4

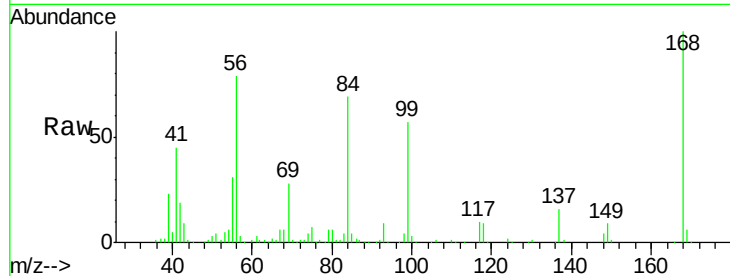




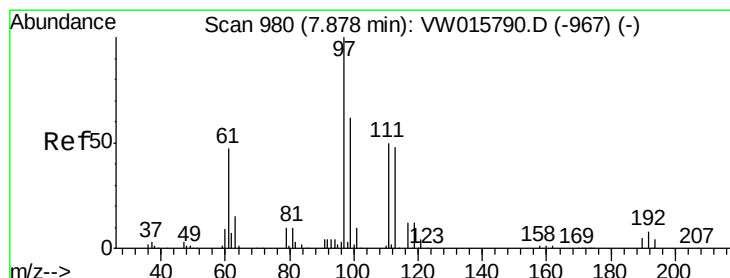
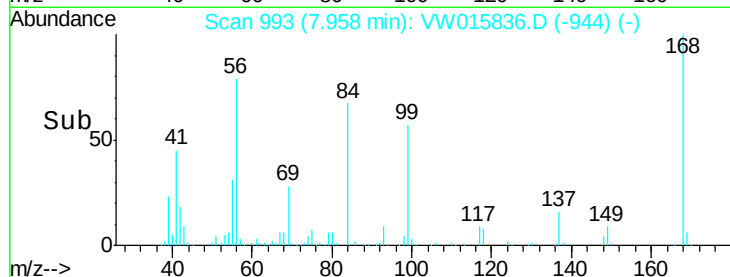
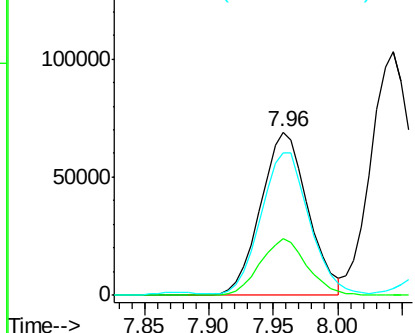
#31
Cyclohexane
Concen: 49.773 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 175740
Ion Ratio Lower Upper
56 100
69 34.8 28.9 43.3
84 85.9 72.2 108.4

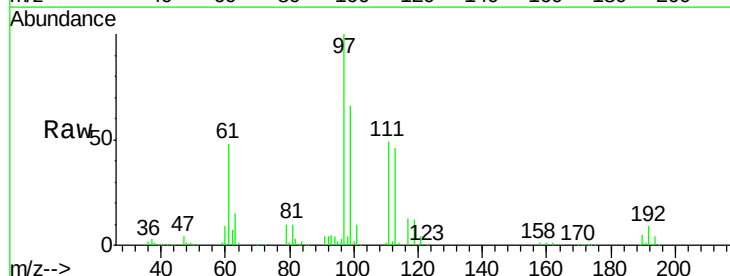


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

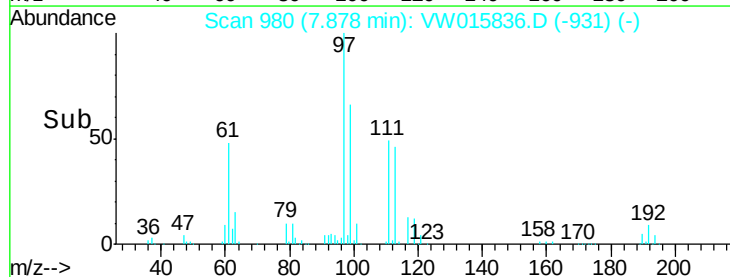
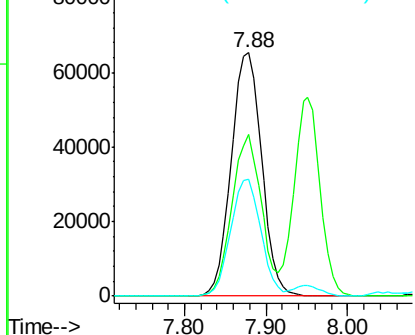


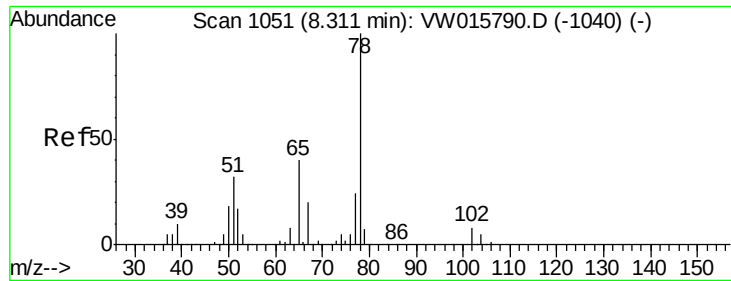
#32
1,1,1-Trichloroethane
Concen: 52.340 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 97 Resp: 168314
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 47.7 38.6 57.8



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

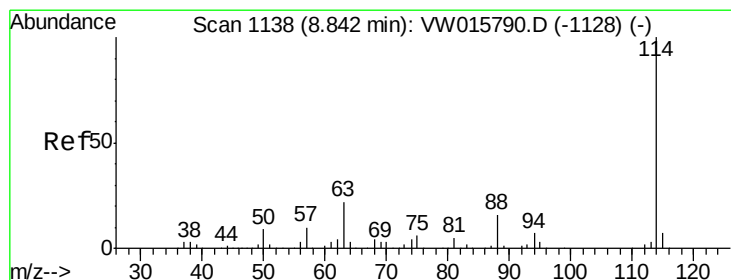
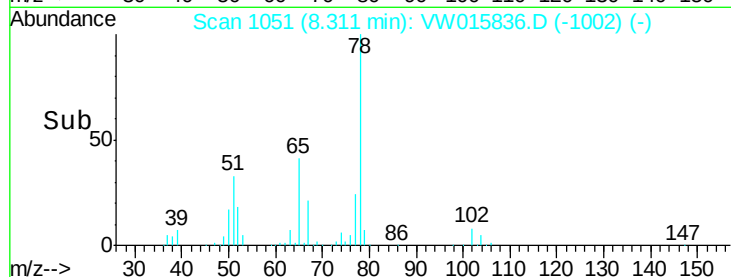
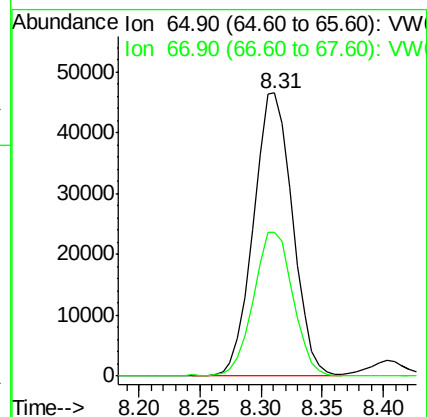
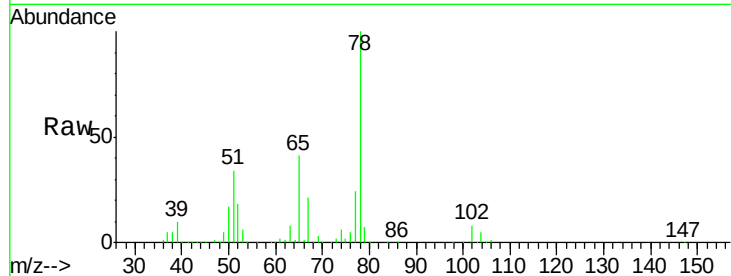




#33
 1,2-Dichloroethane-d4
 Concen: 50.876 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

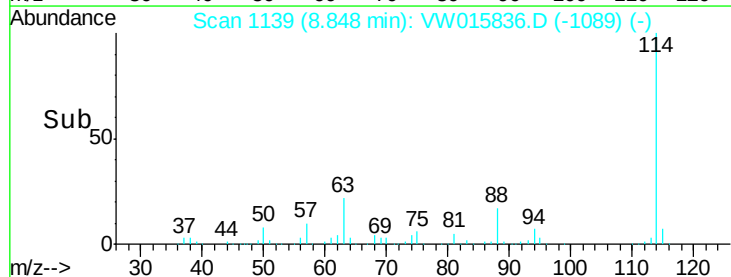
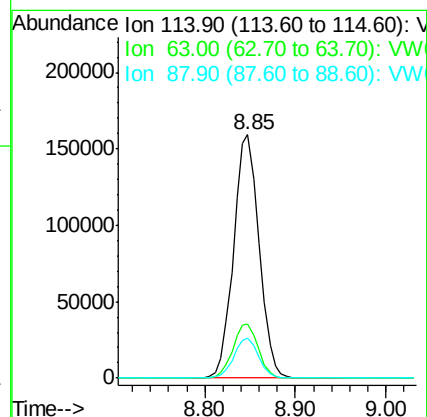
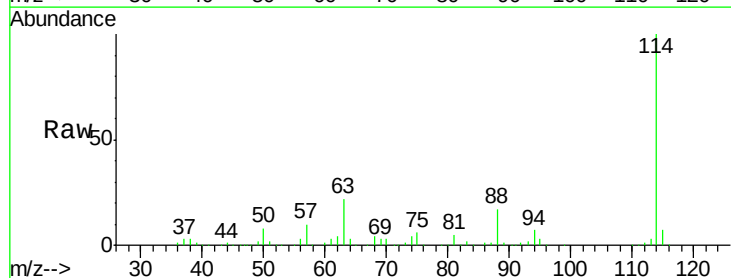
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

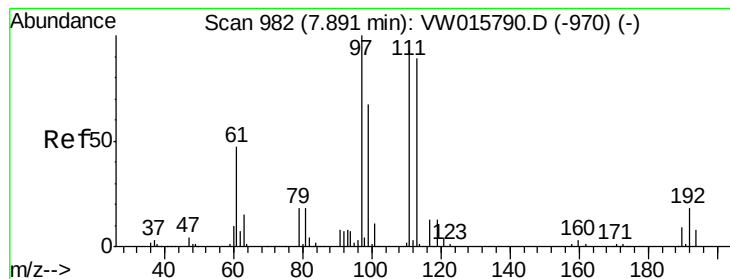
Tot Ion: 65 Resp: 103761
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Tgt Ion: 114 Resp: 313515
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.089 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

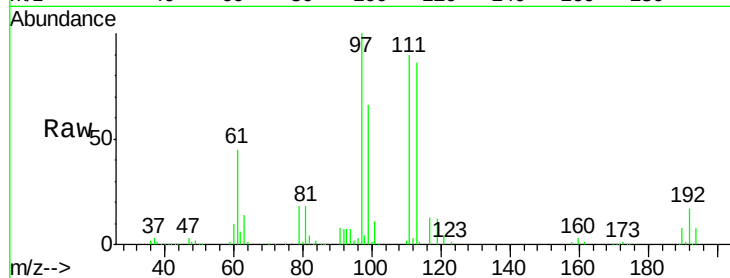
Tot Ion:113 Resp: 91617

Ion Ratio Lower Upper

113 100

111 104.7 82.8 124.2

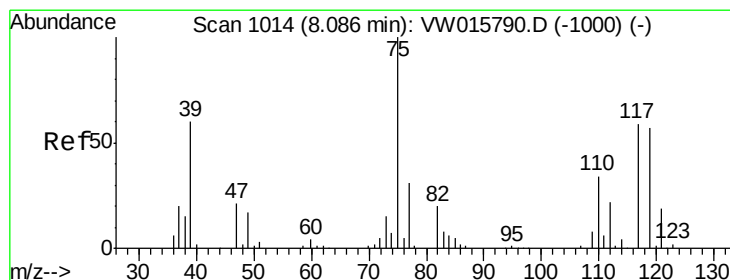
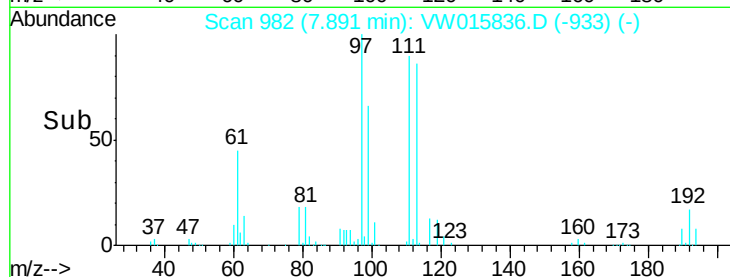
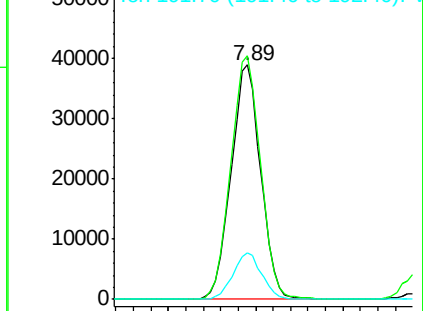
192 19.4 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.161 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

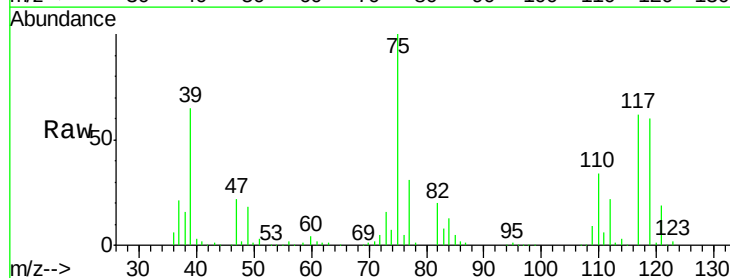
Tgt Ion: 75 Resp: 164296

Ion Ratio Lower Upper

75 100

110 33.2 16.8 50.3

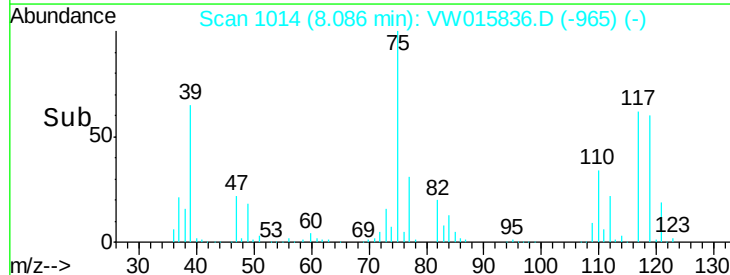
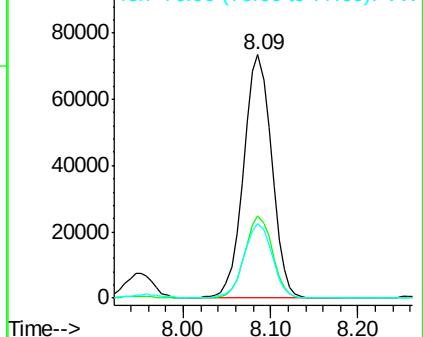
77 30.8 24.7 37.1

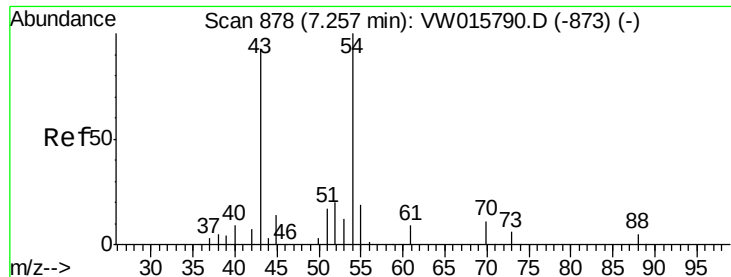


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

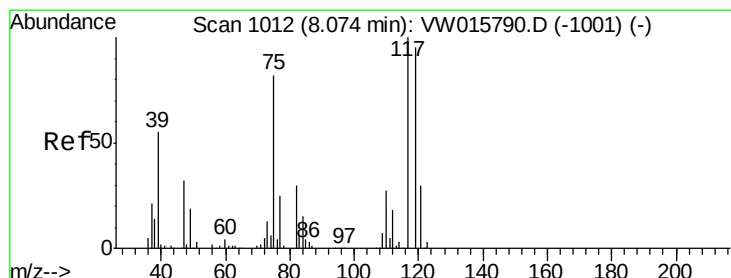
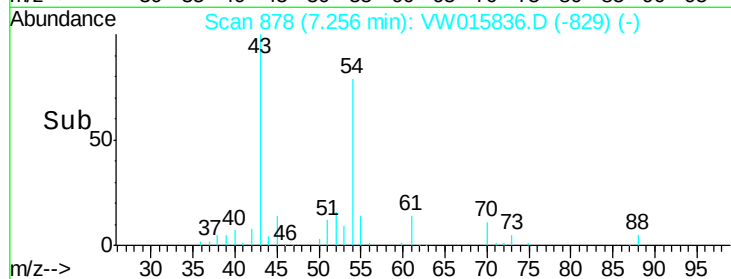
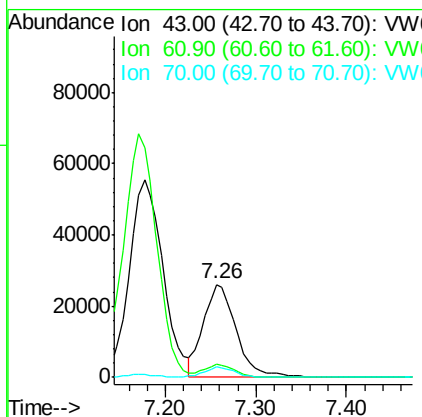
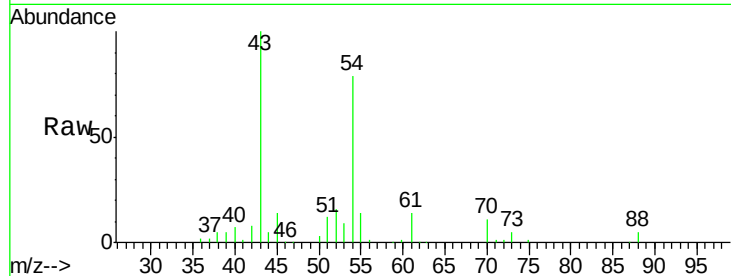




#37
Ethyl Acetate
Concen: 54.388 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

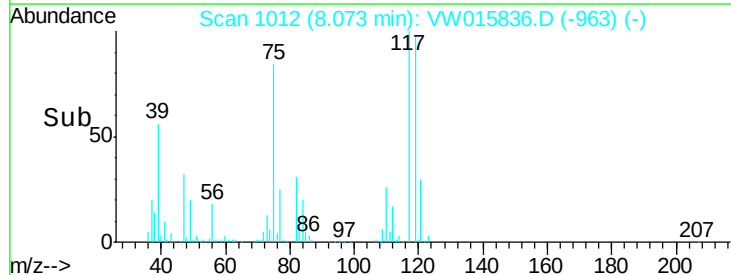
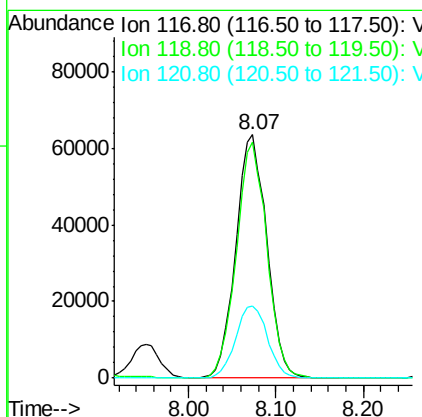
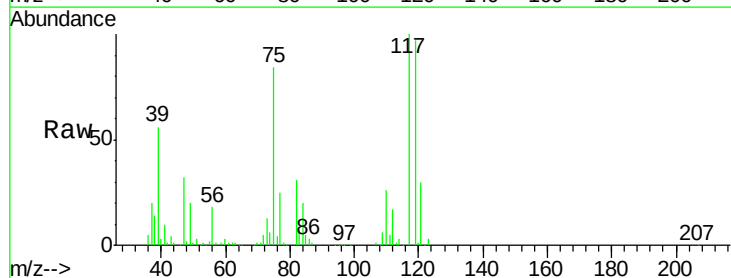
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

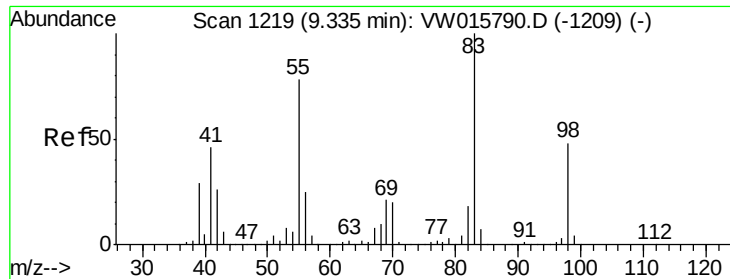
Tot Ion: 43 Resp: 65312
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 52.296 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 117 Resp: 156392
Ion Ratio Lower Upper
117 100
119 96.8 76.3 114.5
121 29.5 24.0 36.0

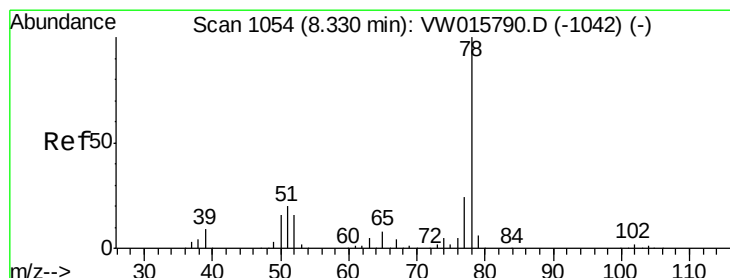
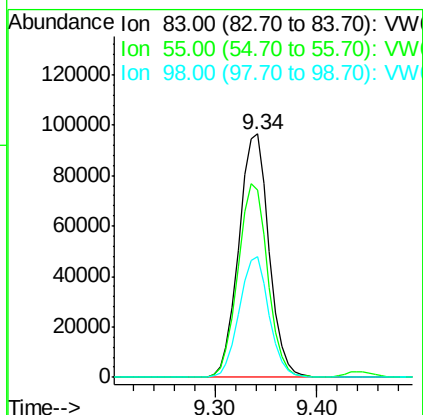
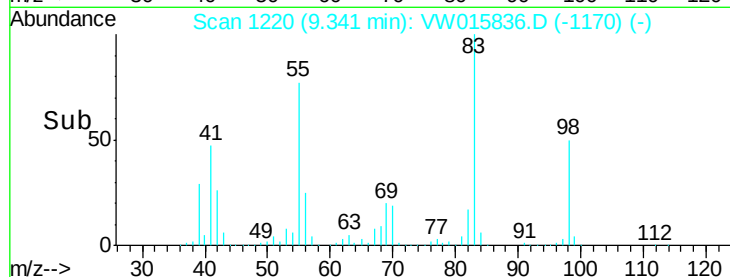
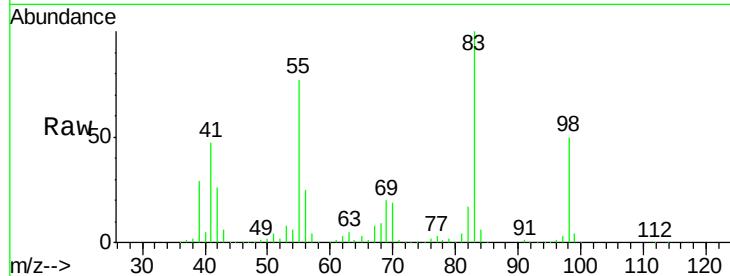




#39
Methylvlcyclohexane
Concen: 54.401 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

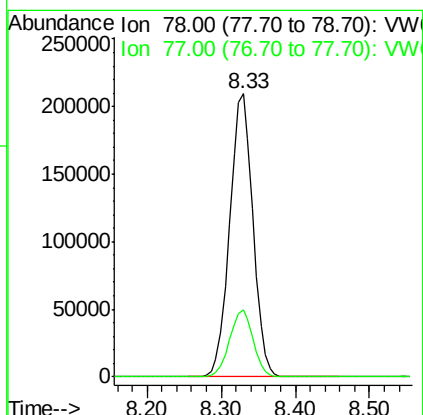
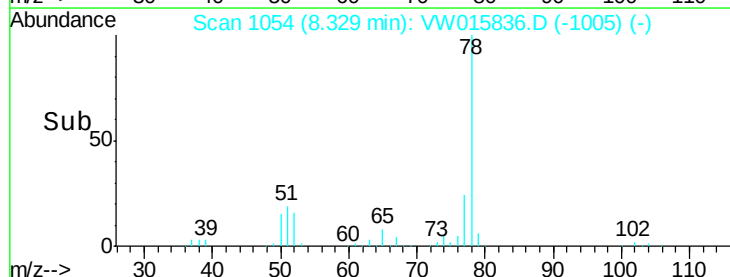
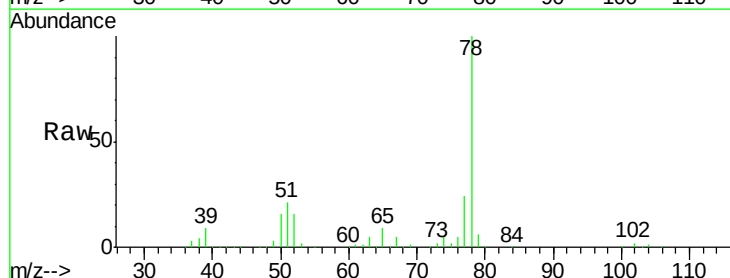
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

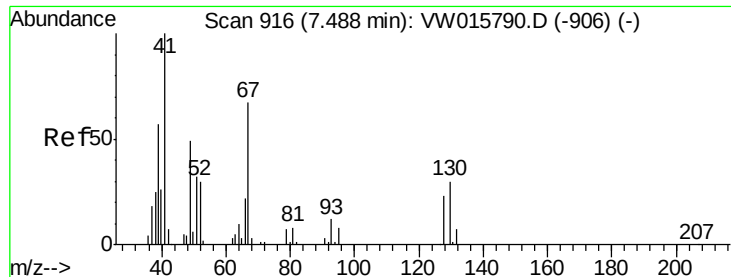
Tot Ion: 83 Resp: 198392
Ion Ratio Lower Upper
83 100
55 76.9 62.6 94.0
98 49.8 38.6 58.0



#40
Benzene
Concen: 53.977 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 78 Resp: 456954
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

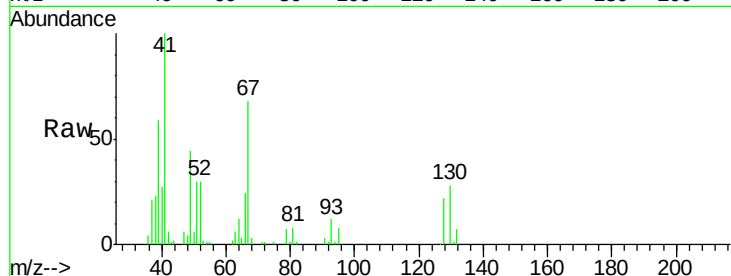




#41
Methacrylonitrile
Concen: 53.506 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion:	41	Resp:	36478
Ion	Ratio	Lower	Upper
41	100		
39	63.4	44.6	66.8
67	73.2	56.4	84.6
52	33.6	25.4	38.2



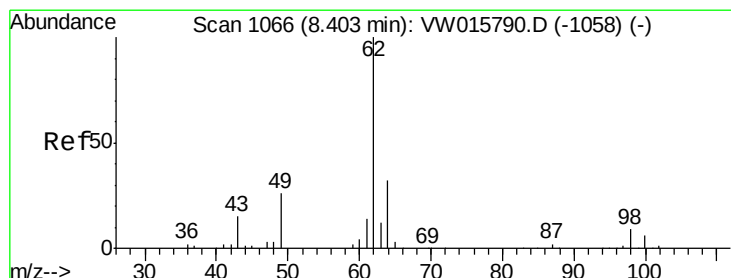
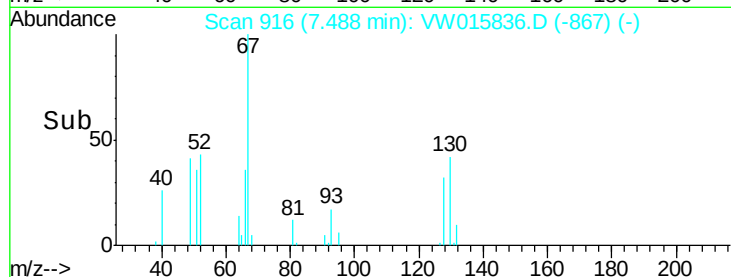
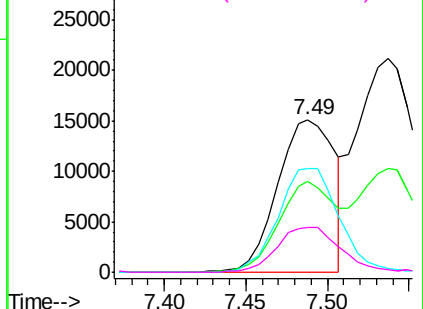
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

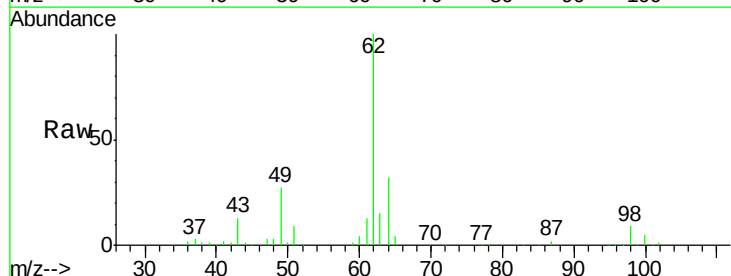
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 54.384 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

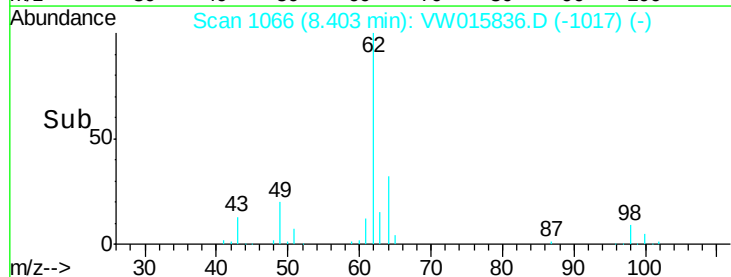
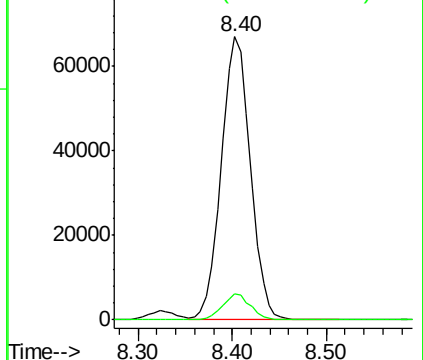
Tgt Ion:	62	Resp:	143292
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2

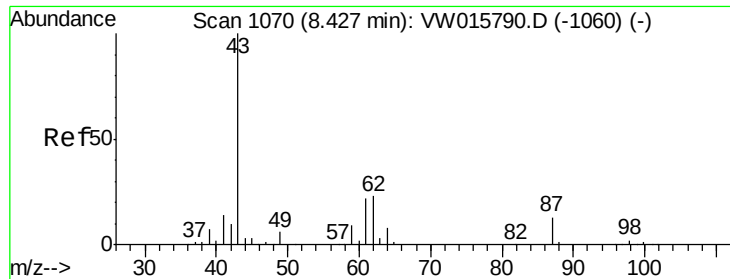


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 56.331 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

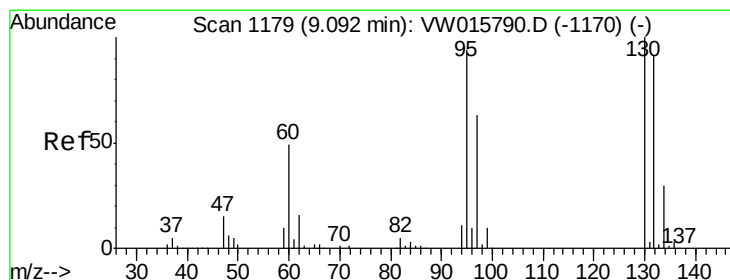
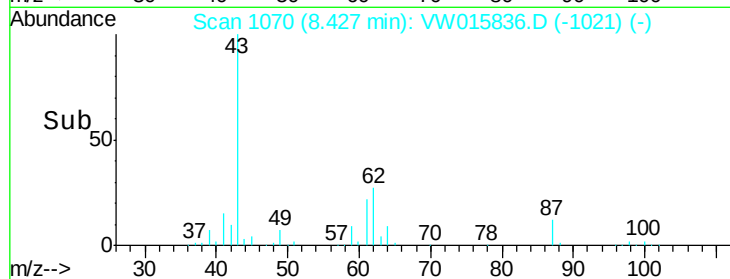
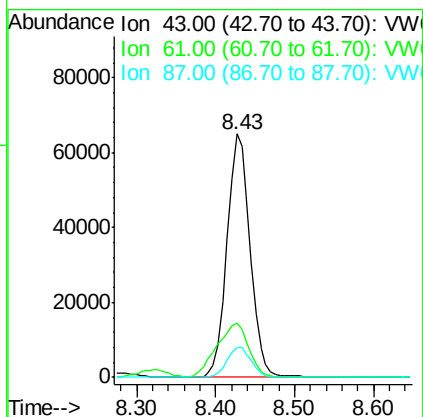
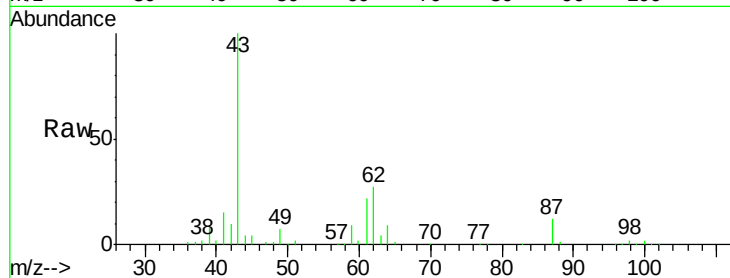
Tot Ion: 43 Resp: 132040

Ion Ratio Lower Upper

43 100

61 30.8 24.8 37.2

87 12.9 10.4 15.6



#44

Trichloroethene

Concen: 52.558 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015836.D

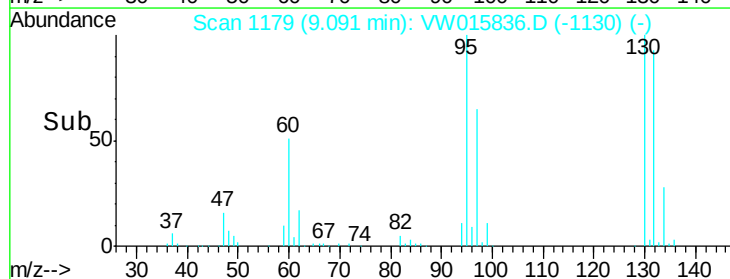
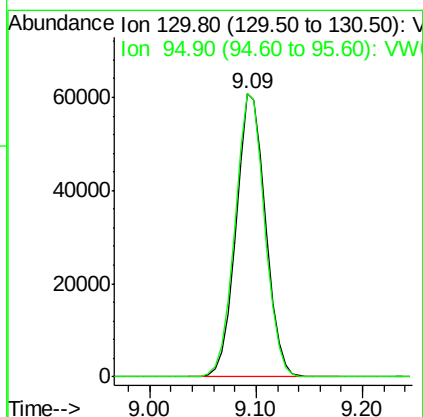
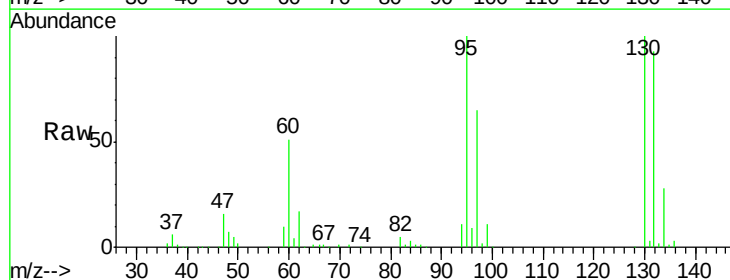
Acq: 09 Jul 2020 18:11

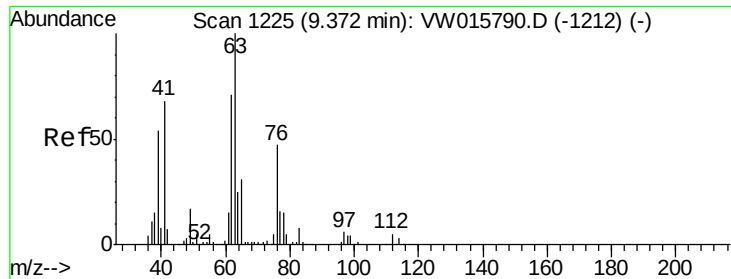
Tgt Ion:130 Resp: 117687

Ion Ratio Lower Upper

130 100

95 100.0 0.0 188.6





#45

1,2-Dichloropropane

Concen: 53.484 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

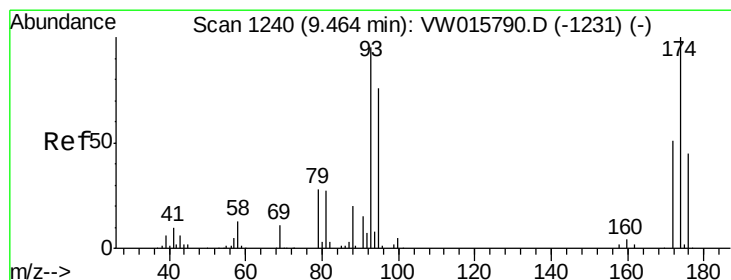
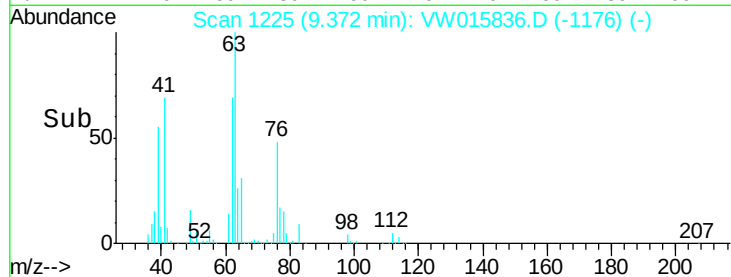
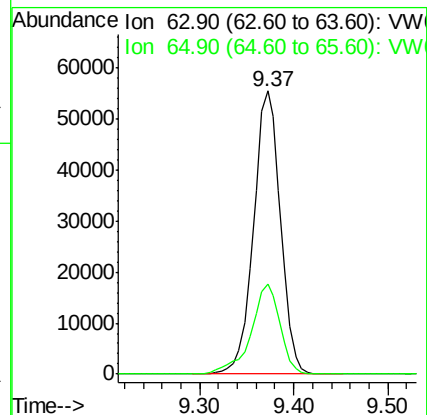
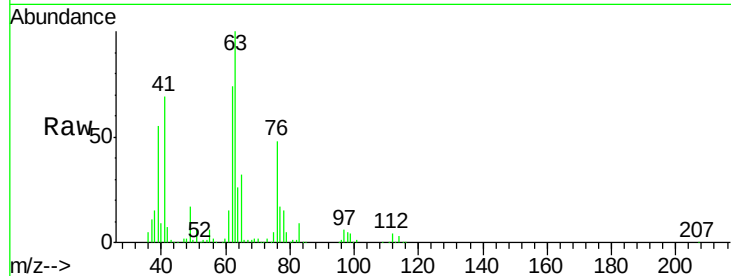
VSTDCCC050EC

Tot Ion: 63 Resp: 111293

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 55.508 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

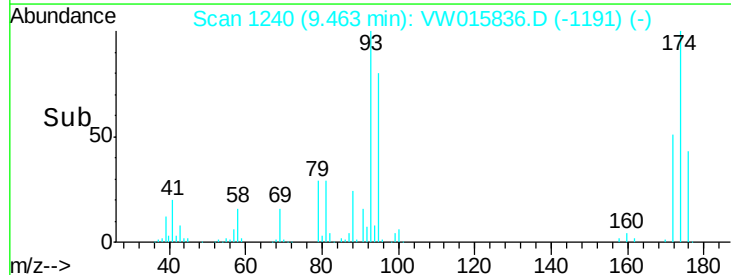
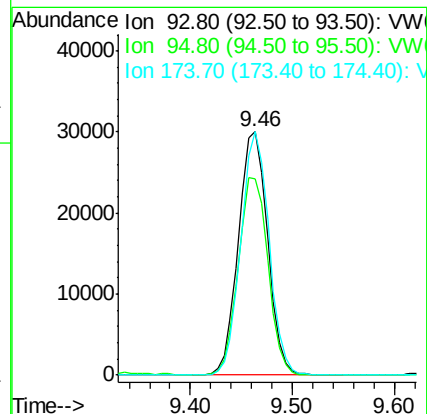
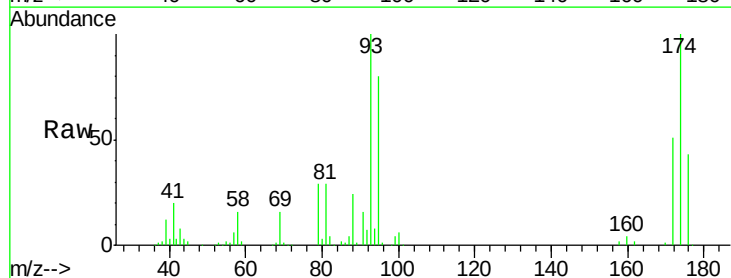
Tgt Ion: 93 Resp: 59466

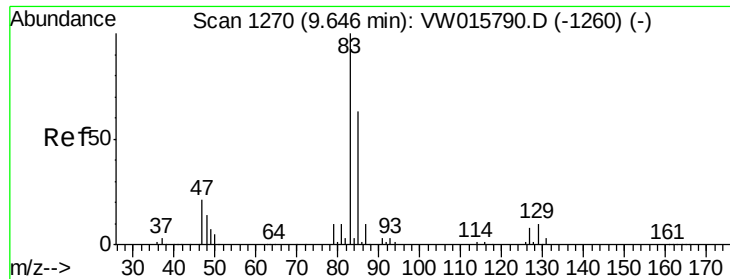
Ion Ratio Lower Upper

93 100

95 82.6 66.0 99.0

174 96.5 78.7 118.1





#47

Bromodichloromethane

Concen: 55.187 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

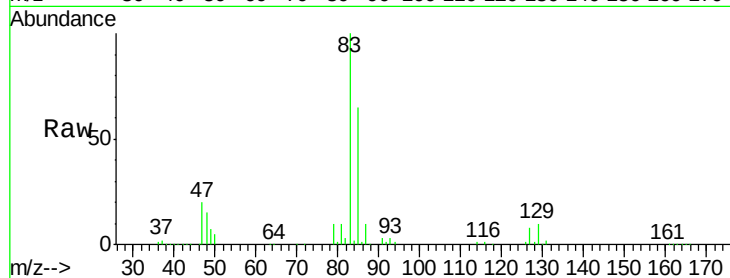
Tot Ion: 83 Resp: 152921

Ion Ratio Lower Upper

83 100

85 65.1 50.6 76.0

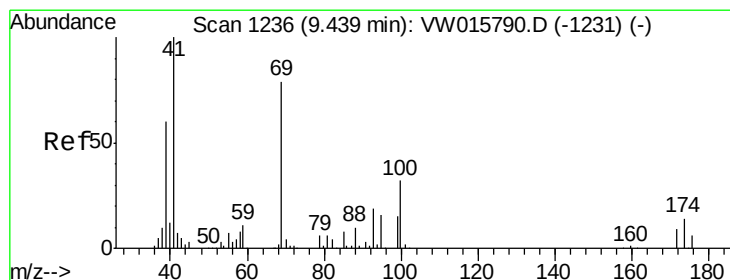
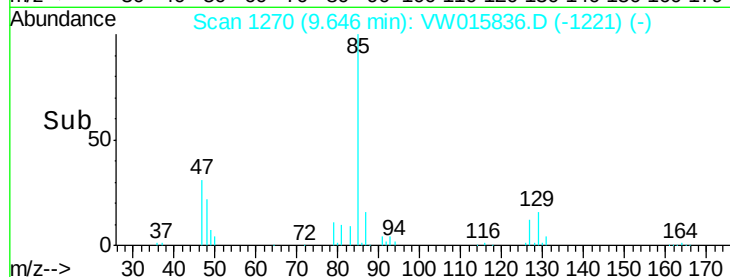
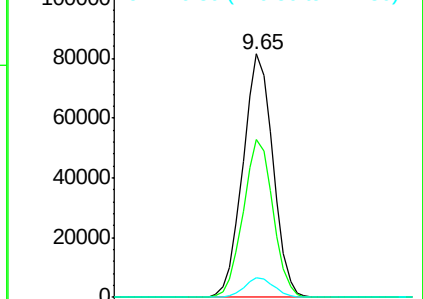
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 58.169 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

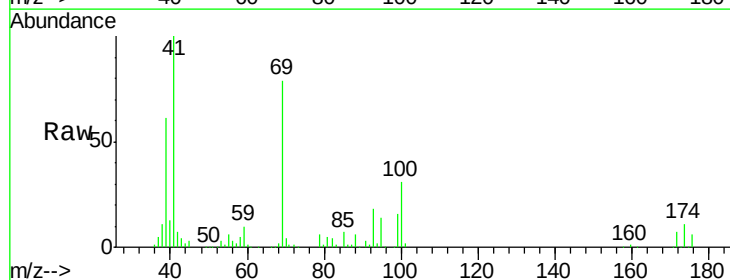
Tgt Ion: 41 Resp: 62488

Ion Ratio Lower Upper

41 100

69 85.9 67.1 100.7

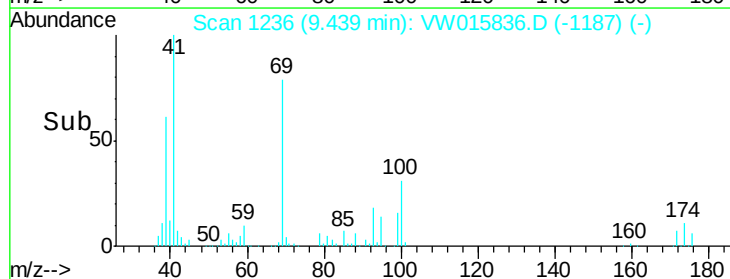
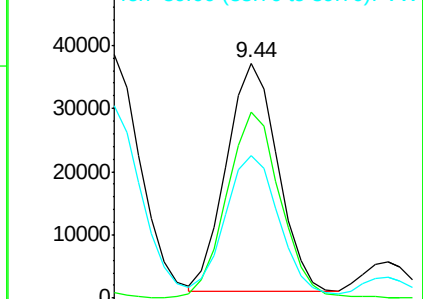
39 63.1 49.9 74.9

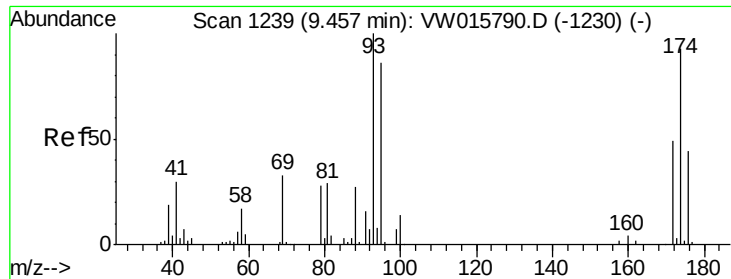


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

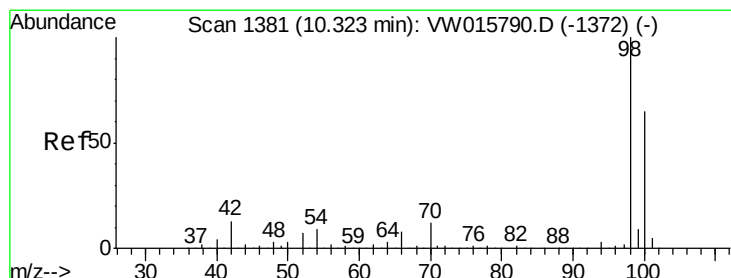
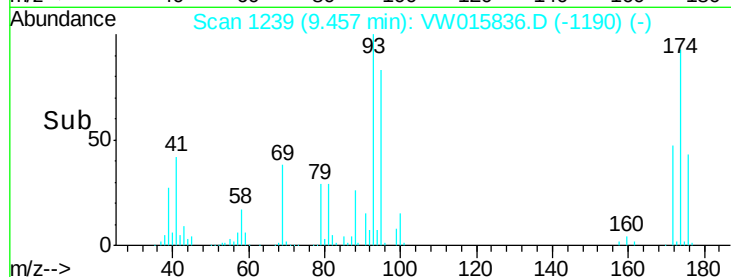
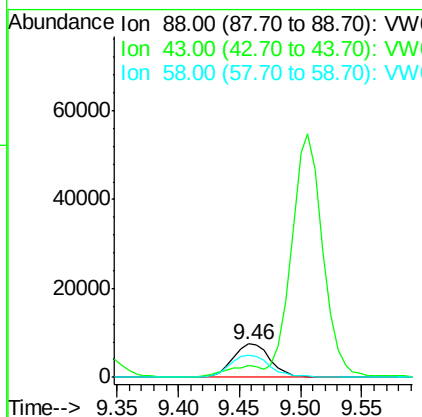
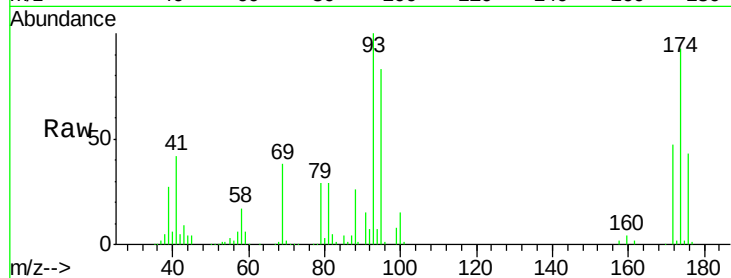




#49
1,4-Dioxane
Concen: 1205.677 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

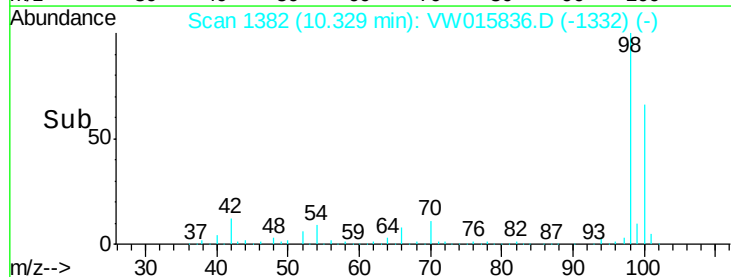
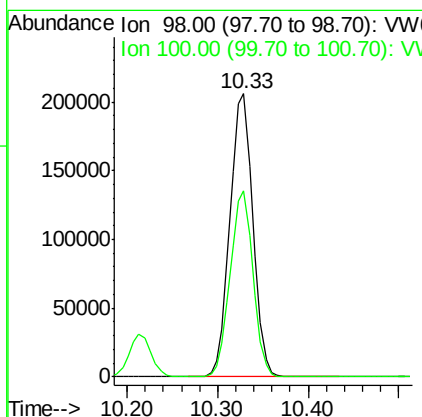
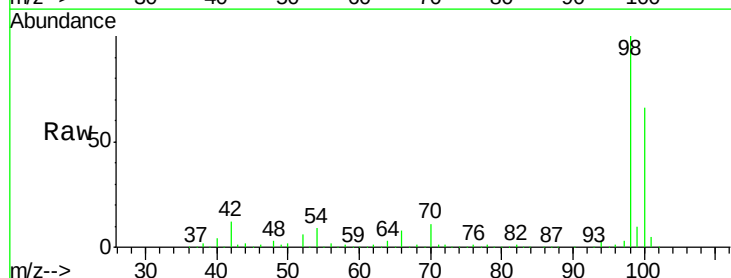
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

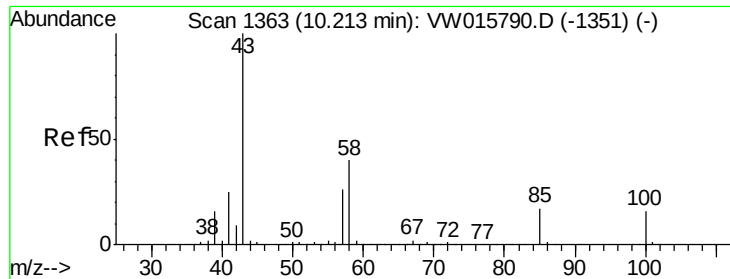
Tot Ion: 88 Resp: 15969
Ion Ratio Lower Upper
88 100
43 32.0 28.1 42.1
58 73.5 59.3 88.9



#50
Toluene-d8
Concen: 51.464 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 98 Resp: 361577
Ion Ratio Lower Upper
98 100
100 65.5 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 290.324 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

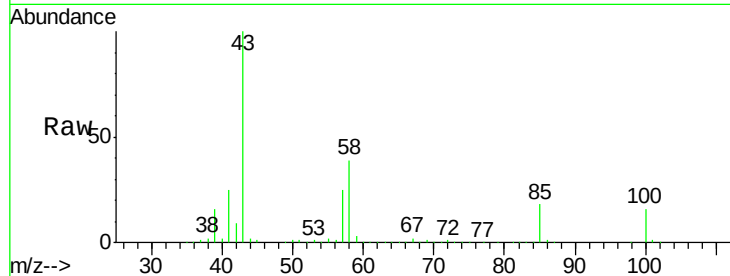
VSTDCCC050EC

Tot Ion: 43 Resp: 332077

Ion Ratio Lower Upper

43 100

58 39.1 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

200000

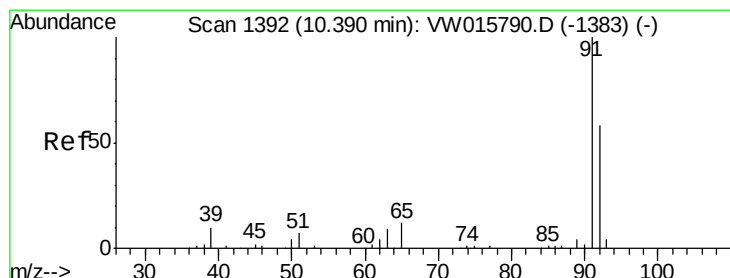
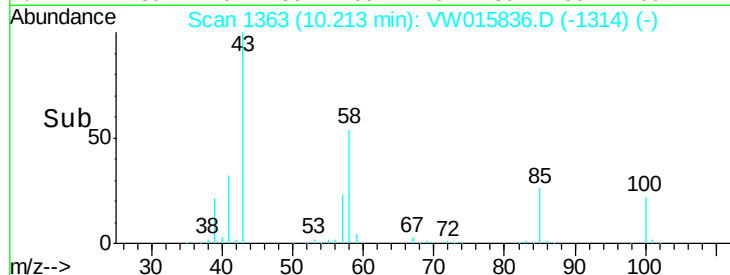
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 54.633 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015836.D

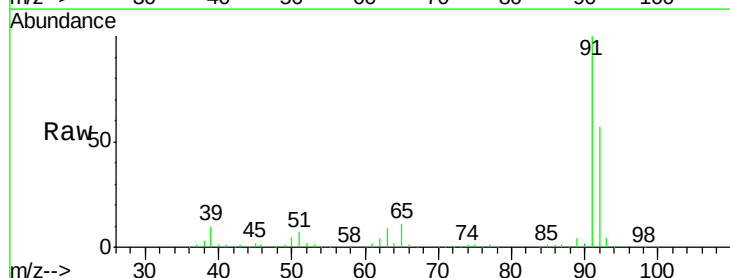
Acq: 09 Jul 2020 18:11

Tgt Ion: 92 Resp: 297633

Ion Ratio Lower Upper

92 100

91 173.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

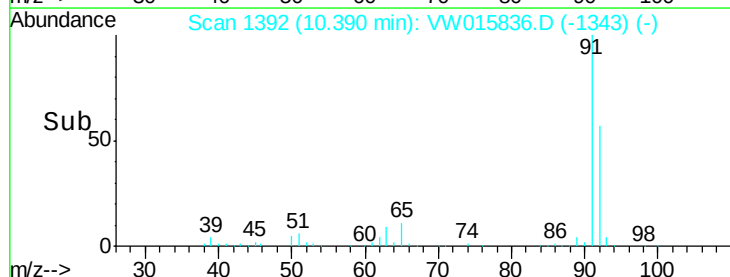
300000

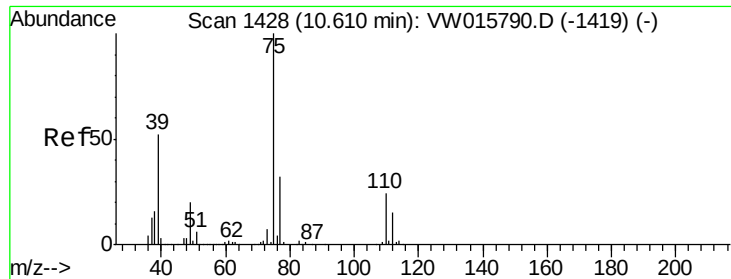
200000

100000

0

Time-->

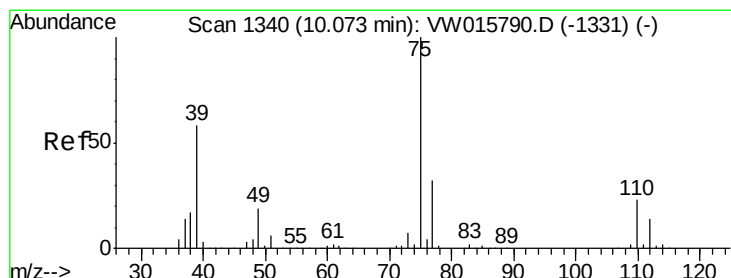
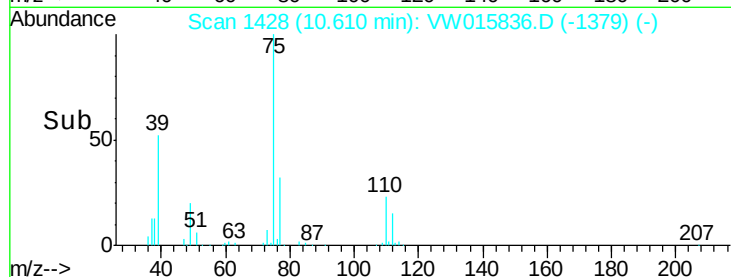
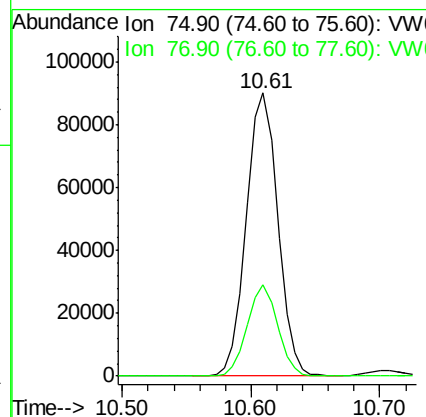
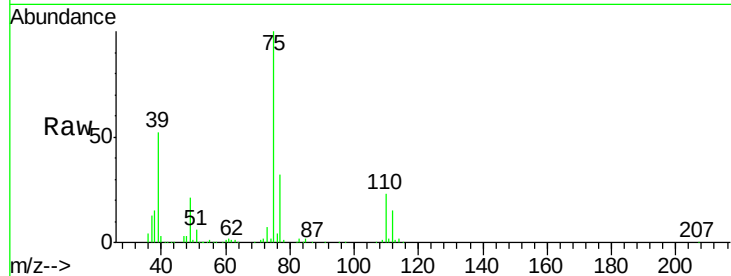




#53
t-1,3-Dichloropropene
Concen: 57.202 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

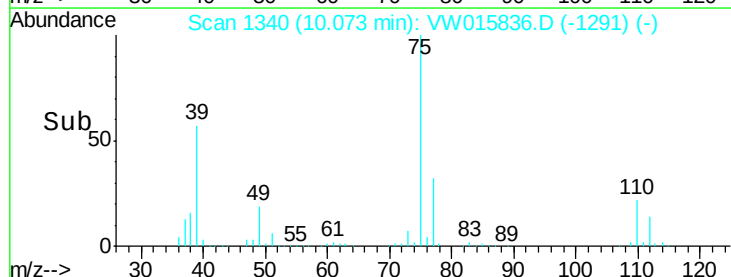
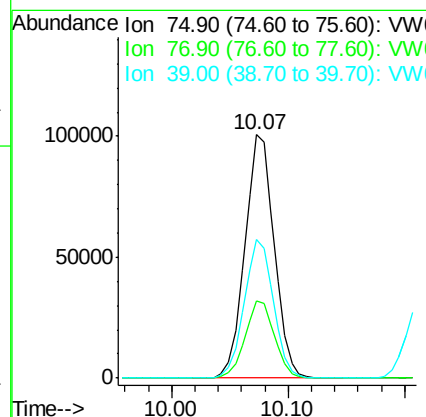
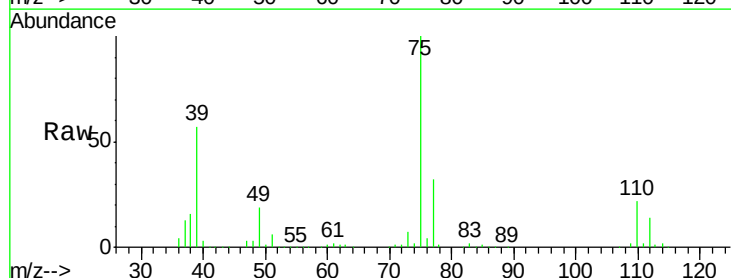
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

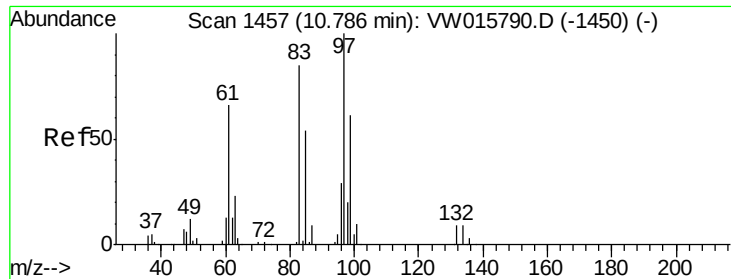
Tot Ion: 75 Resp: 152084
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 55.595 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 75 Resp: 176813
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 56.9 46.0 69.0

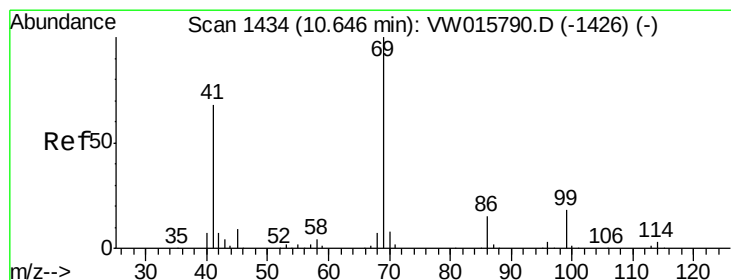
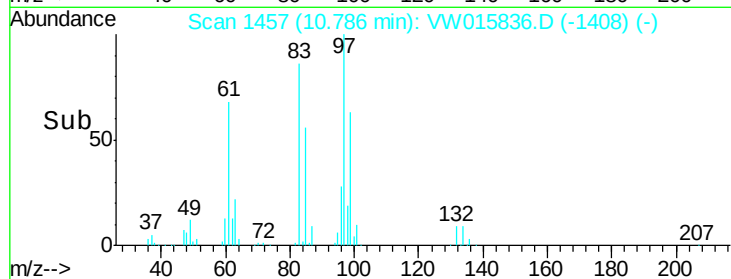
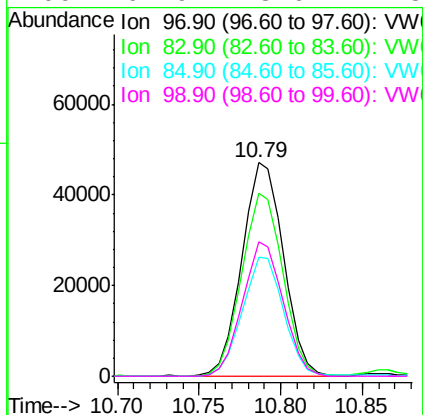
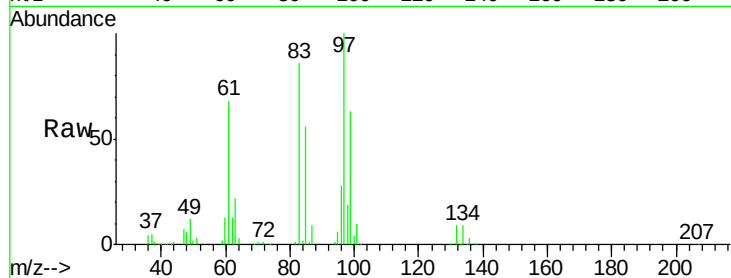




#55
 1,1,2-Trichloroethane
 Concen: 56.115 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

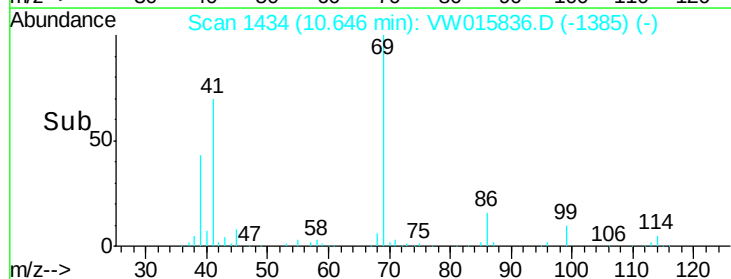
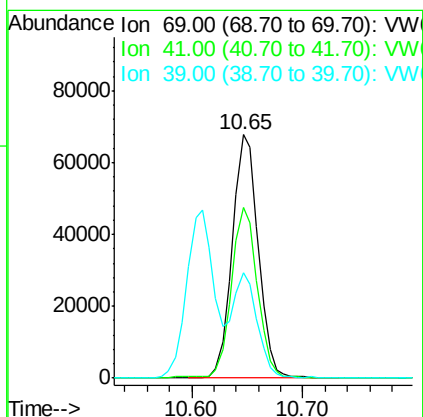
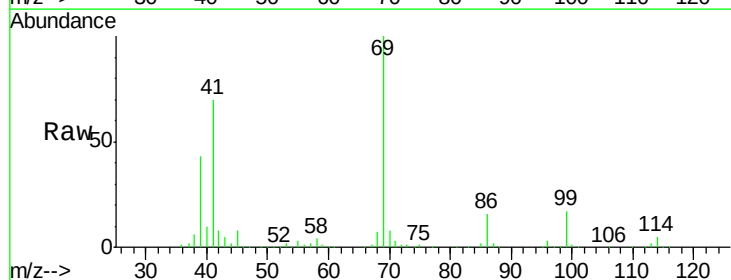
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

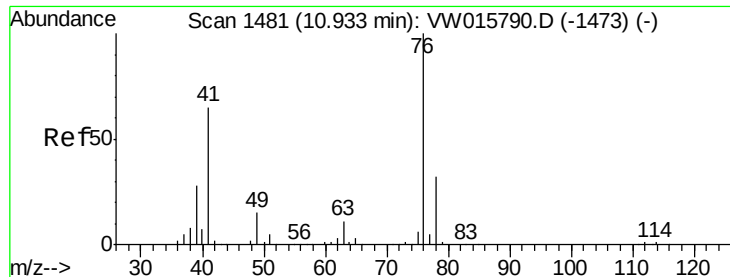
Tot Ion:	97	Resp:	83361
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.2	102.4
85	55.9	43.4	65.0
99	62.9	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 59.976 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Tgt Ion:	69	Resp:	109536
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.0	82.6
39	41.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 56.008 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

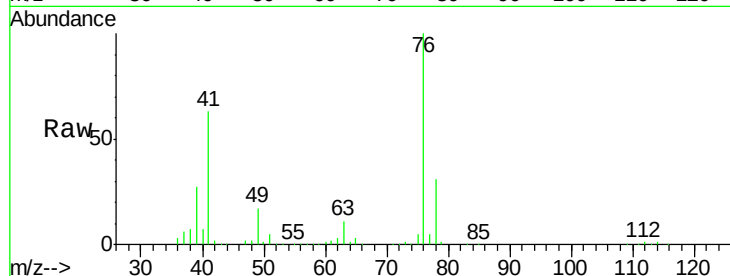
VSTDCCC050EC

Tot Ion: 76 Resp: 147283

Ion Ratio Lower Upper

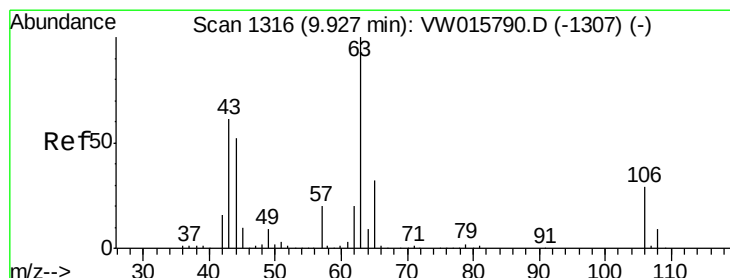
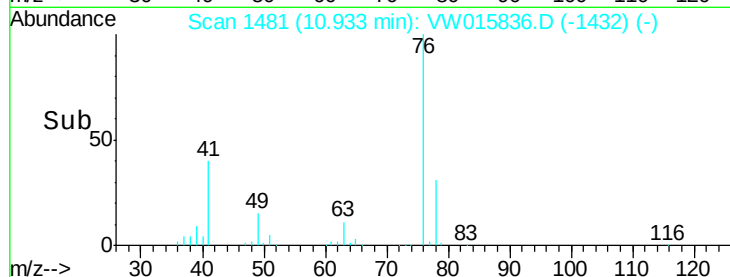
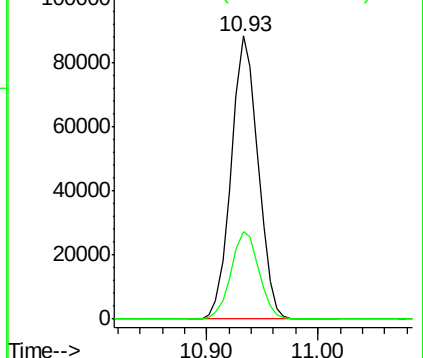
76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 278.679 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW015836.D

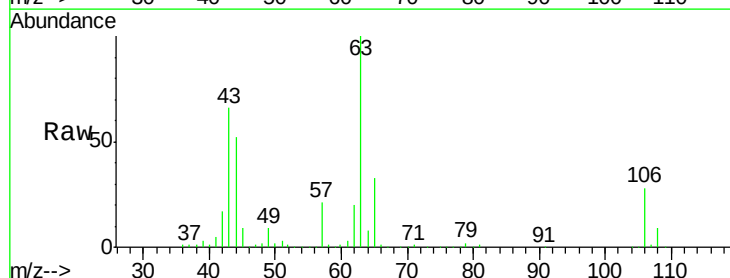
Acq: 09 Jul 2020 18:11

Tgt Ion: 63 Resp: 248686

Ion Ratio Lower Upper

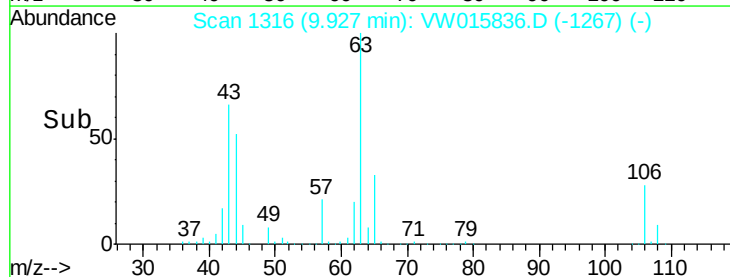
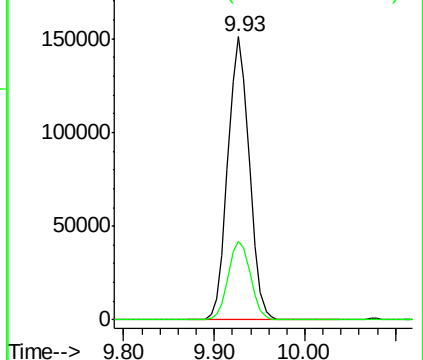
63 100

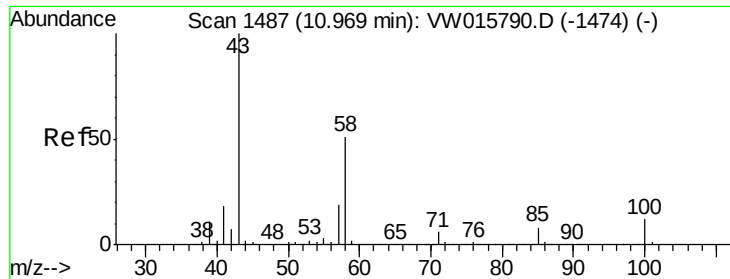
106 28.7 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

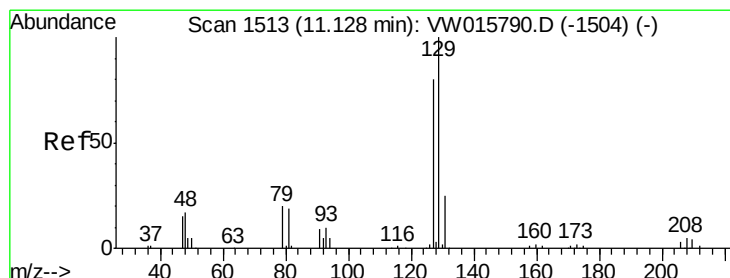
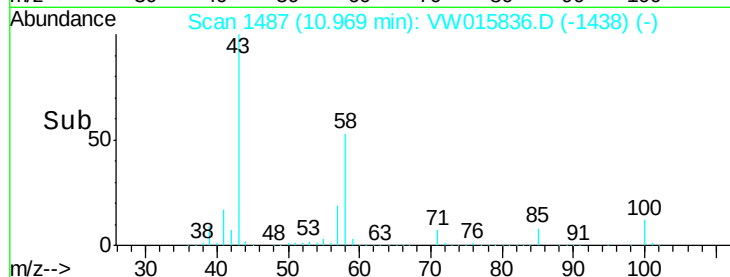
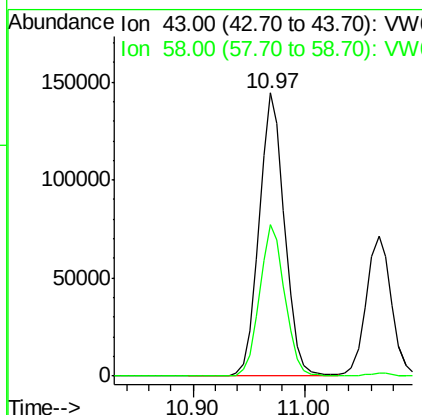
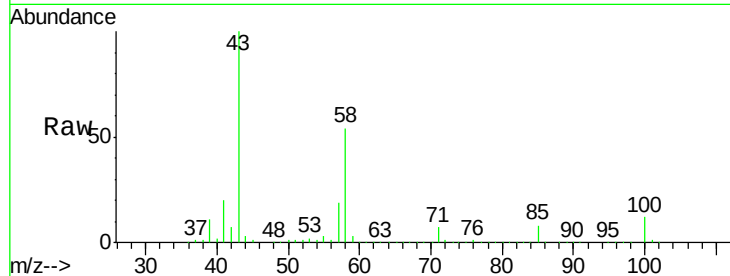




#59
2-Hexanone
Concen: 302.346 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

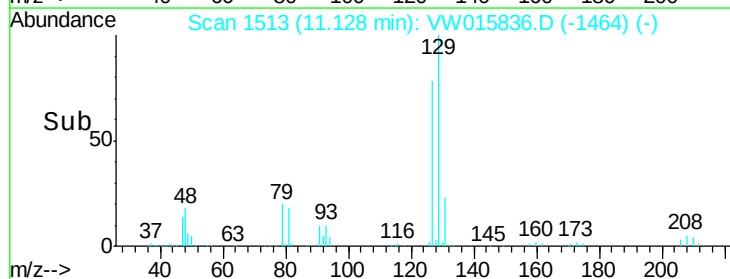
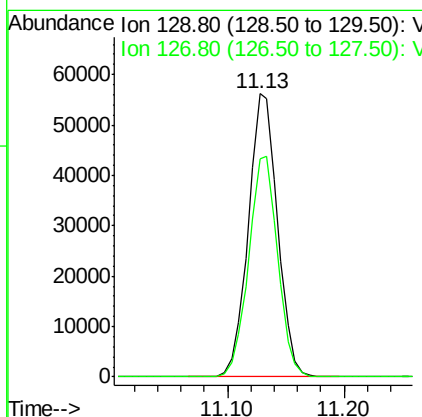
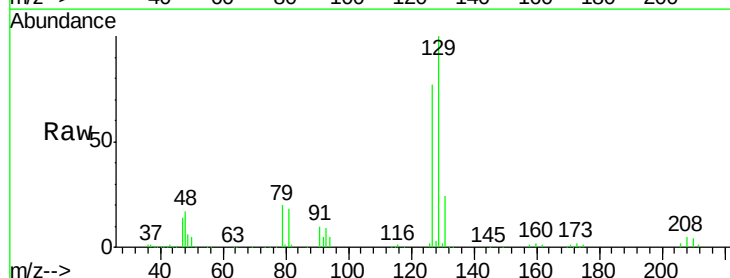
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

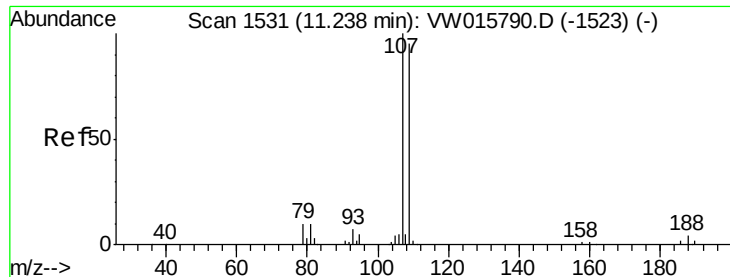
Tot Ion: 43 Resp: 230790
Ion Ratio Lower Upper
43 100
58 53.1 26.2 78.5



#60
Dibromochloromethane
Concen: 57.413 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 129 Resp: 98500
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.1

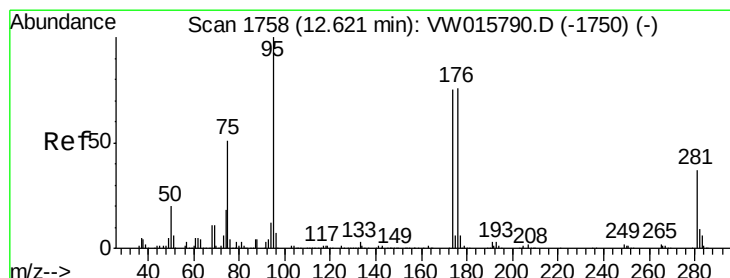
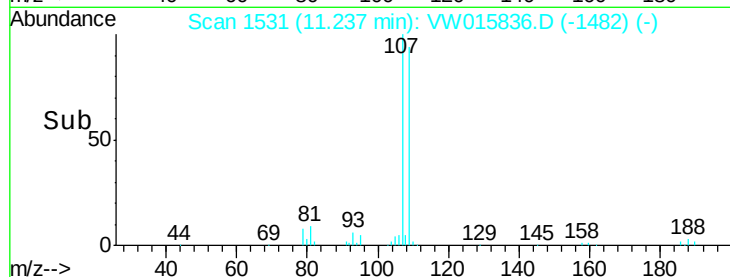
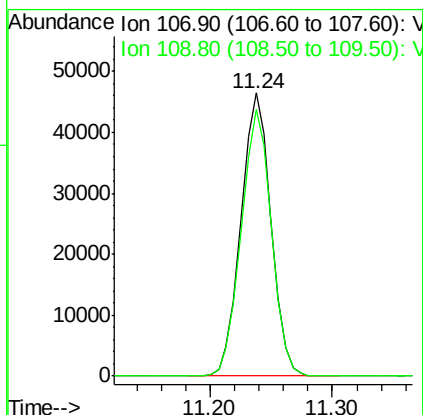
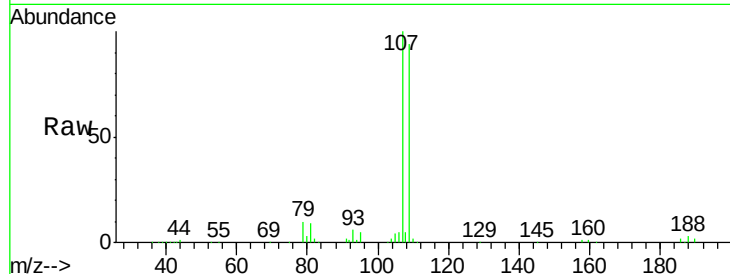




#61
 1,2-Dibromoethane
 Concen: 55.538 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

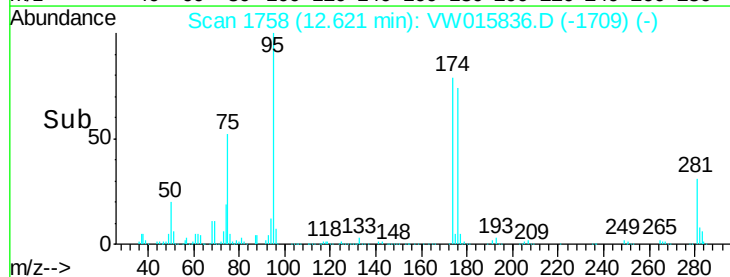
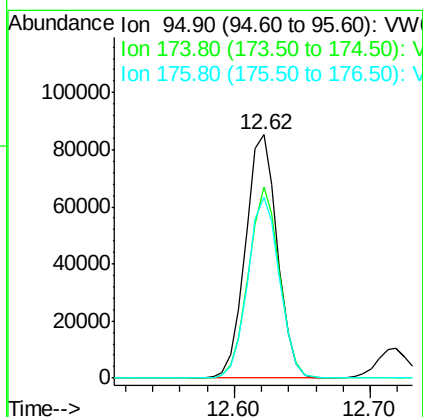
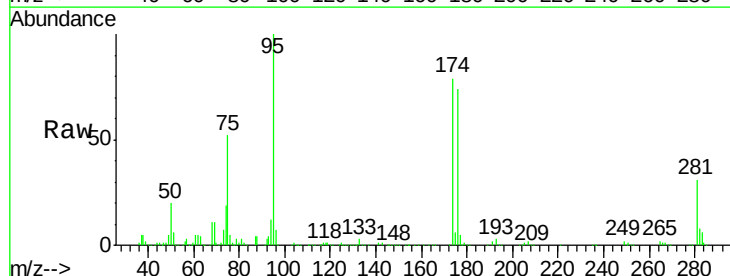
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

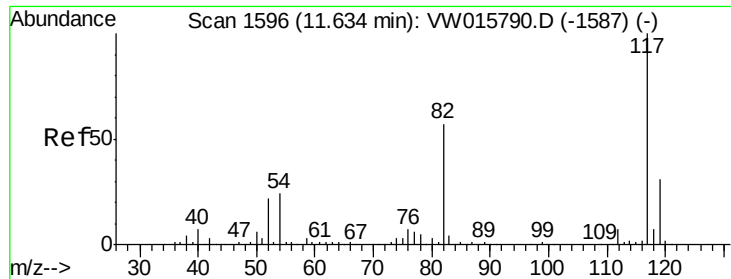
Tot Ion: 107 Resp: 78942
 Ion Ratio Lower Upper
 107 100
 109 94.8 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 54.092 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Tgt Ion: 95 Resp: 139455
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 150.2
 176 74.3 0.0 148.4

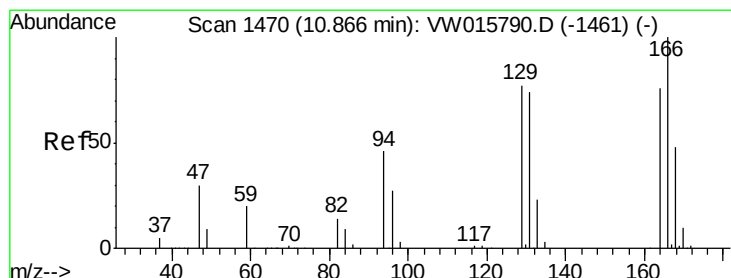
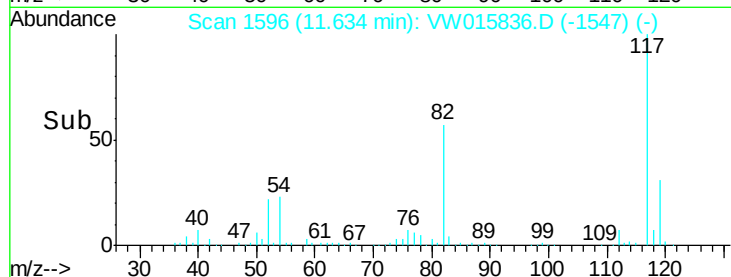
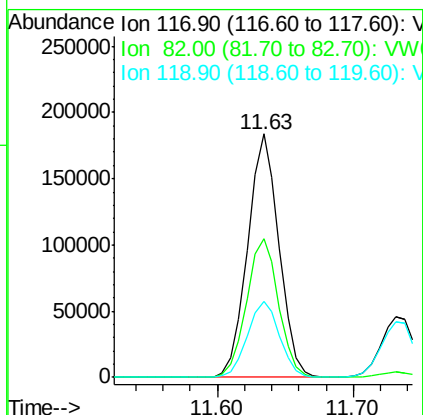
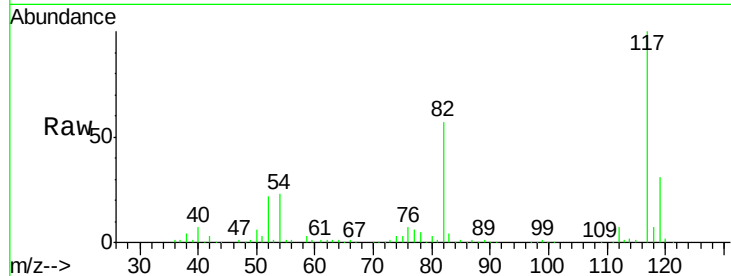




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

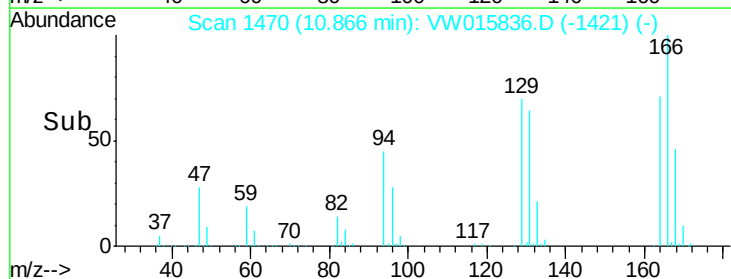
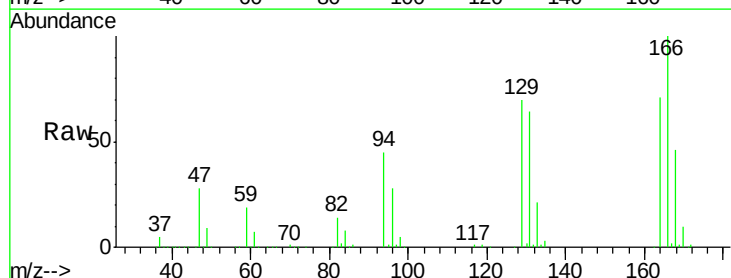
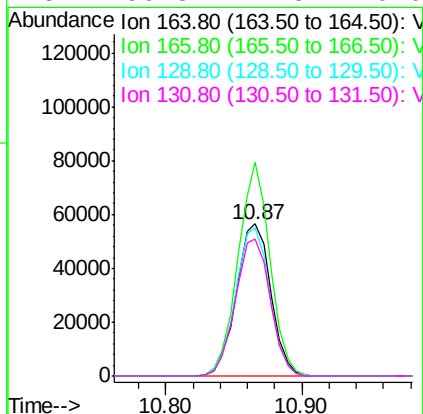
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

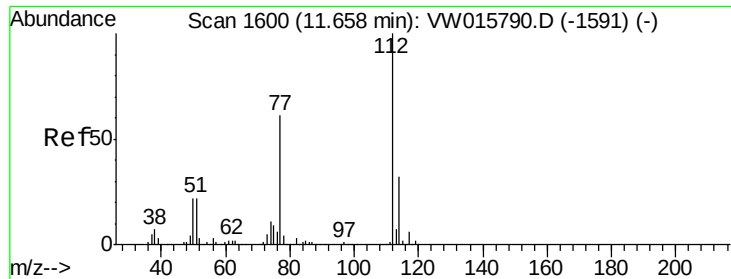
Tot Ion:117 Resp: 296319
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 31.3 25.0 37.6



#64
Tetrachloroethene
Concen: 53.183 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion:164 Resp: 99731
Ion Ratio Lower Upper
164 100
166 140.7 105.1 157.7
129 97.8 80.6 121.0
131 90.3 77.8 116.6

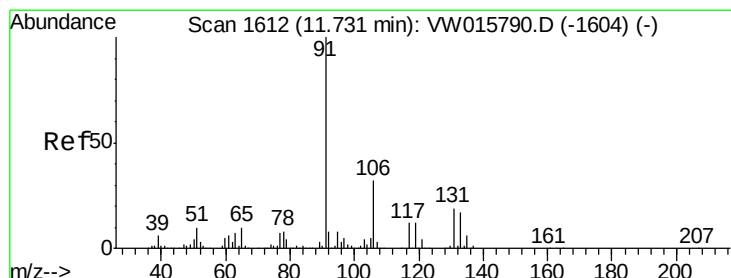
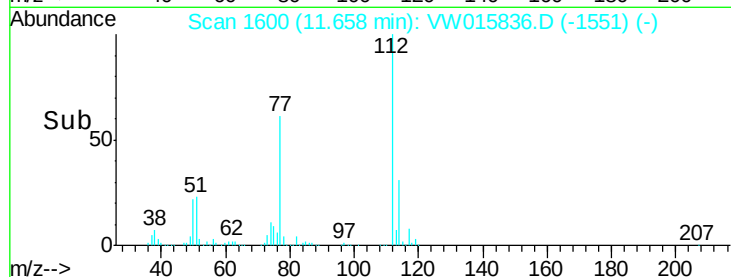
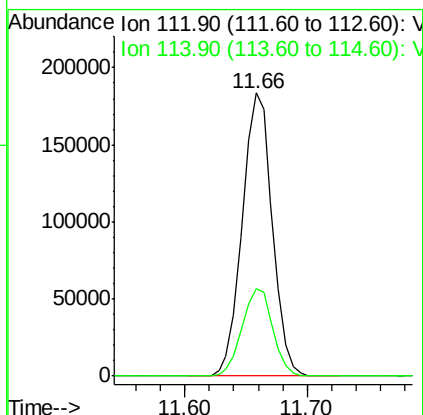
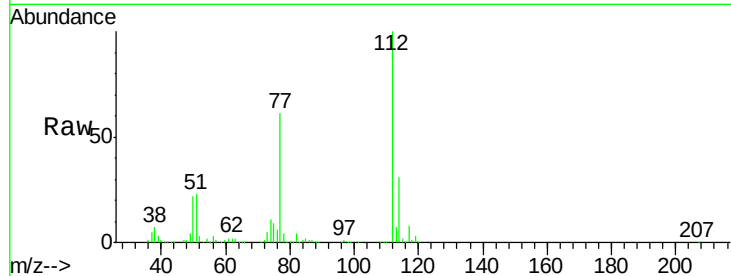




#65
Chlorobenzene
Concen: 53.885 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

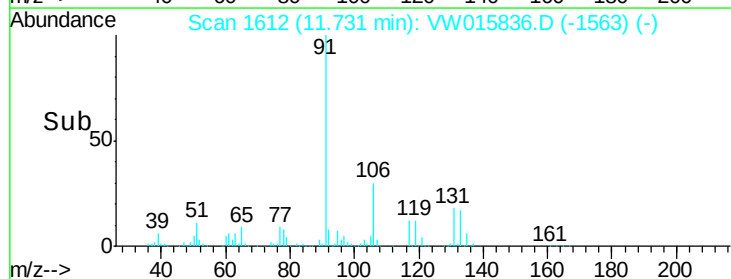
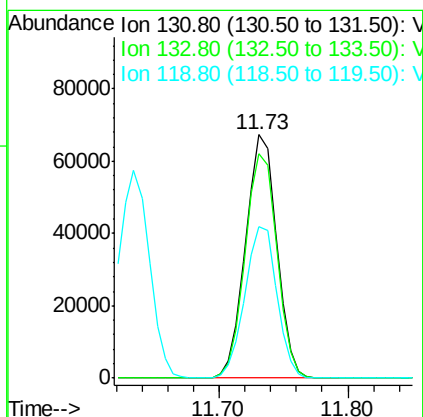
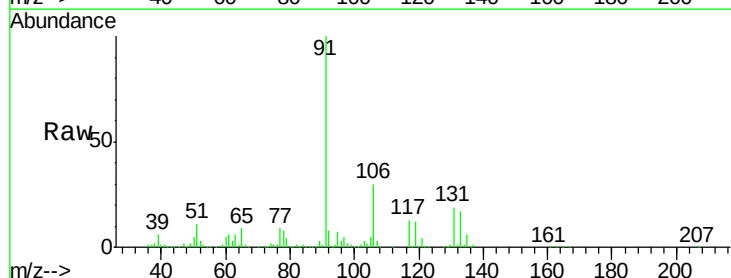
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

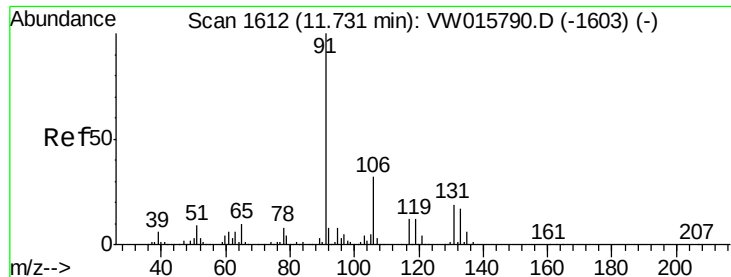
Tot Ion:112 Resp: 312256
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.922 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion:131 Resp: 112627
Ion Ratio Lower Upper
131 100
133 93.8 47.0 141.2
119 64.2 32.3 96.8

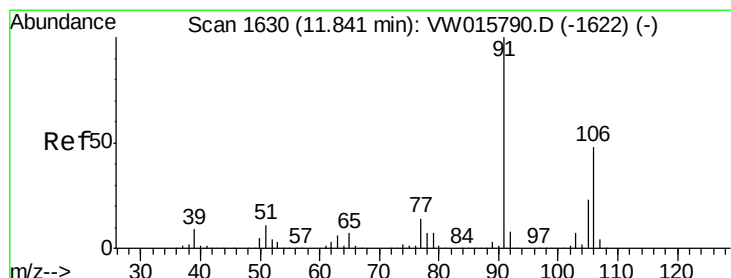
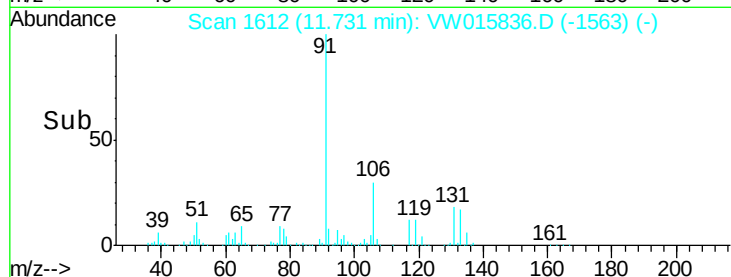
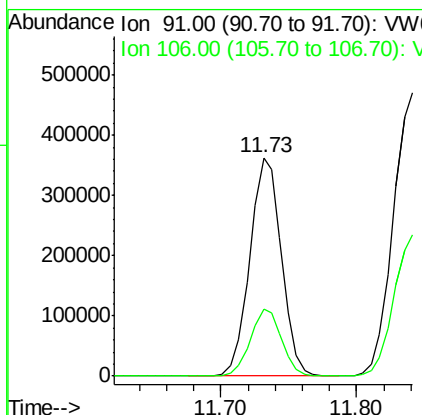
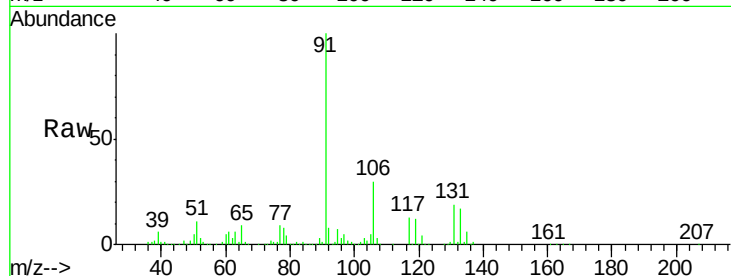




#67
Ethyl Benzene
Concen: 54.753 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

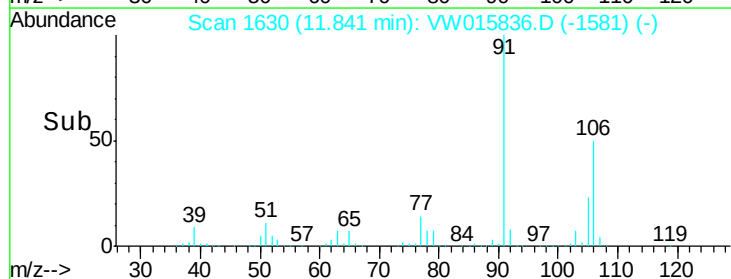
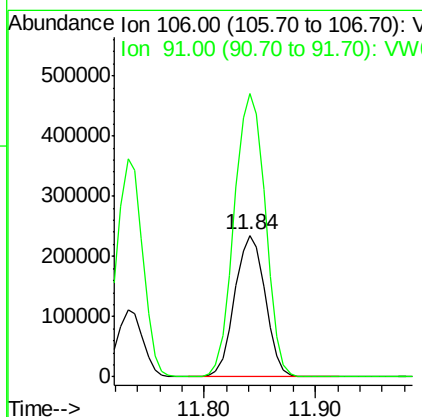
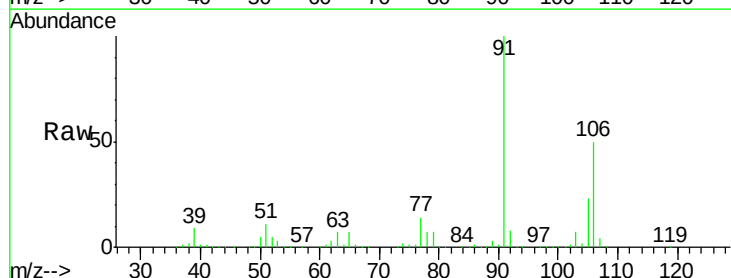
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

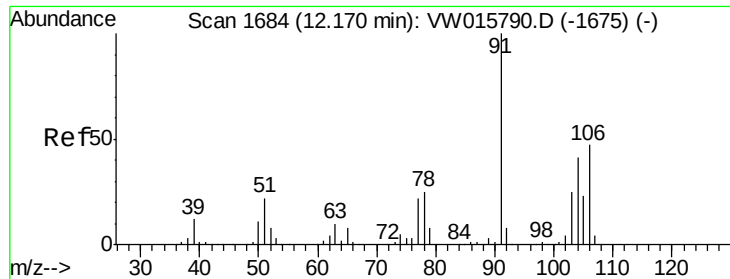
Tot Ion: 91 Resp: 587570
Ion Ratio Lower Upper
91 100
106 30.5 25.8 38.8



#68
m/p-Xylenes
Concen: 109.877 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 106 Resp: 442935
Ion Ratio Lower Upper
106 100
91 205.4 164.1 246.1

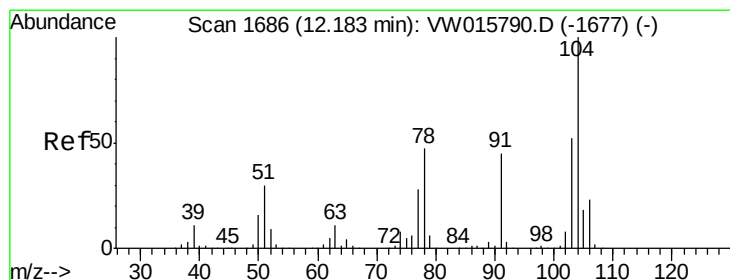
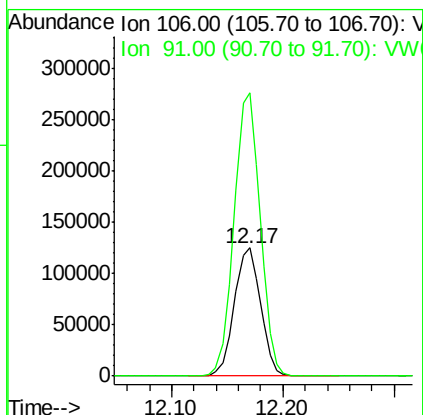
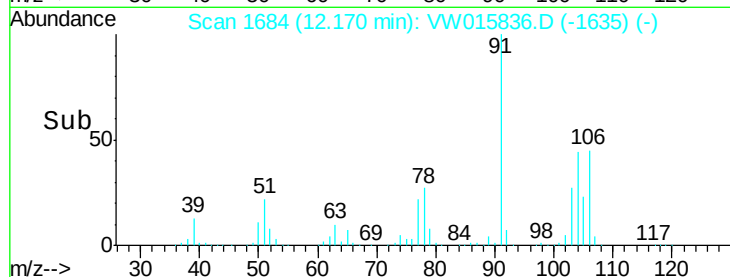
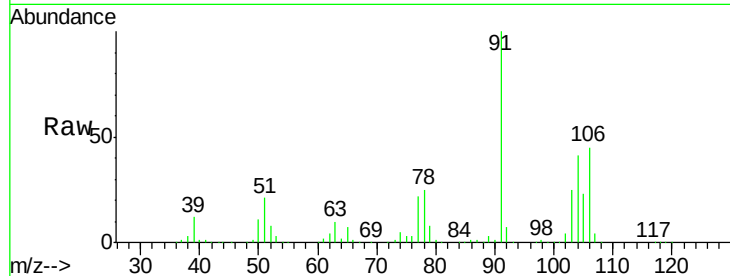




#69
o-Xylene
Concen: 55.520 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

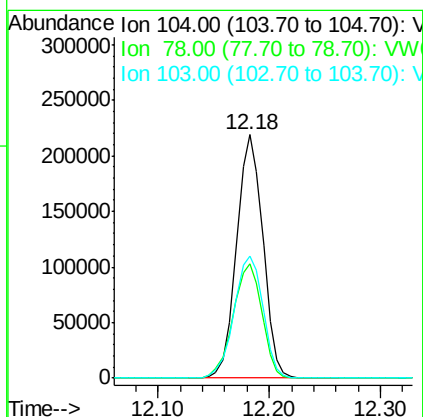
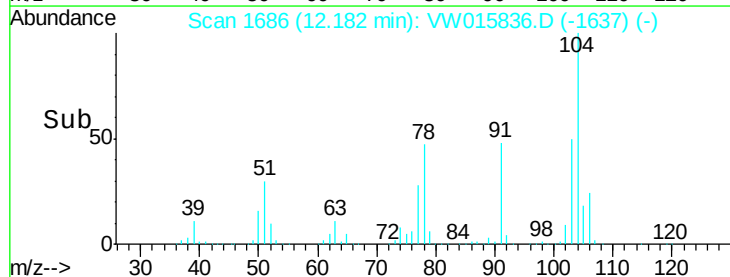
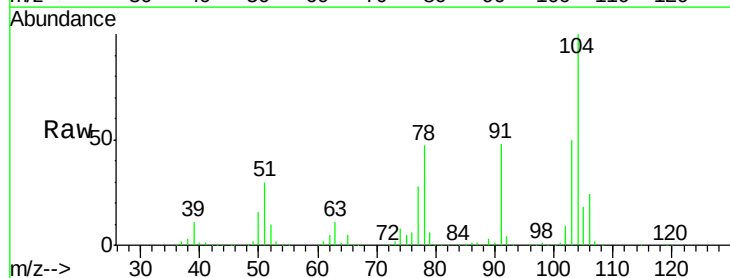
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

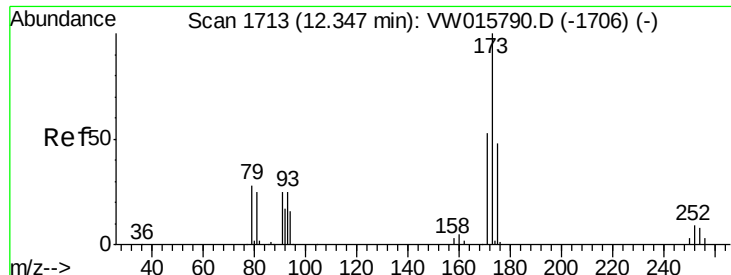
Tot Ion:106 Resp: 204297
Ion Ratio Lower Upper
106 100
91 219.0 108.5 325.3



#70
Styrene
Concen: 56.464 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion:104 Resp: 357500
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 55.3 43.8 65.8





#71

Bromoform

Concen: 56.252 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

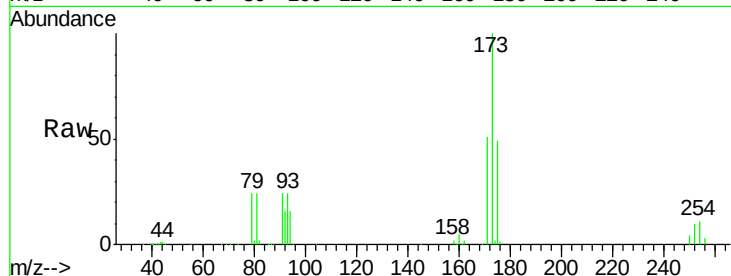
Tot Ion:173 Resp: 52653

Ion Ratio Lower Upper

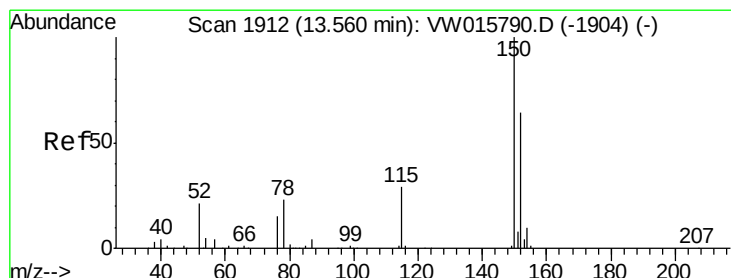
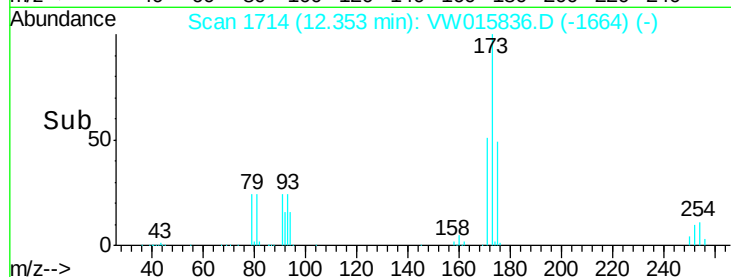
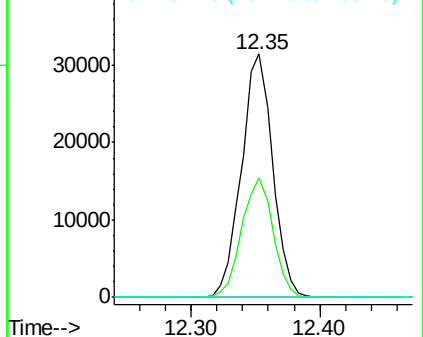
173 100

175 48.9 23.5 70.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

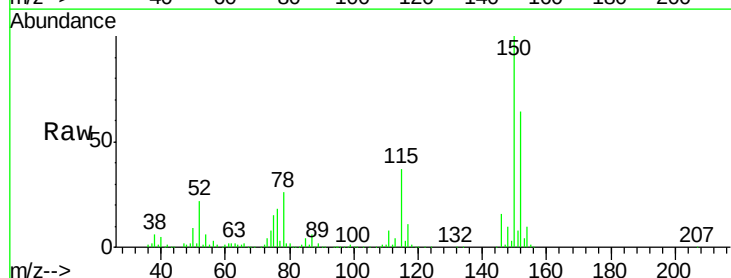
Tgt Ion:152 Resp: 154595

Ion Ratio Lower Upper

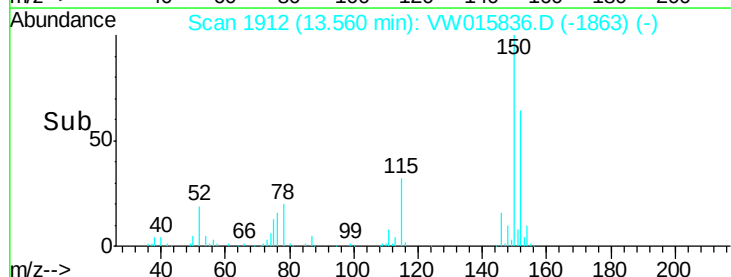
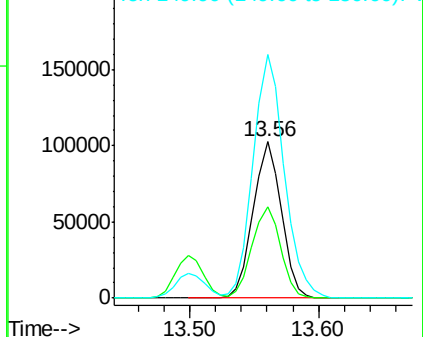
152 100

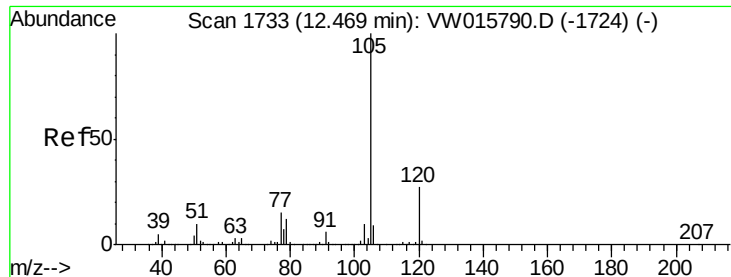
115 59.0 29.9 89.7

150 173.6 0.0 350.8



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: 52.601 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

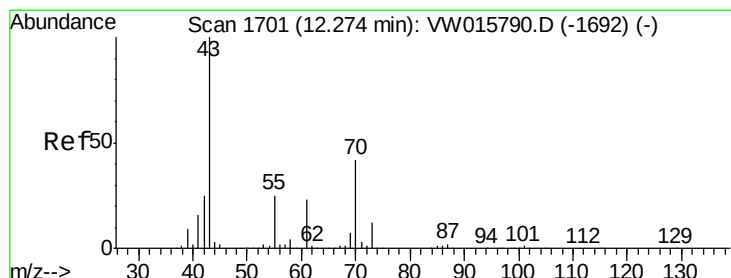
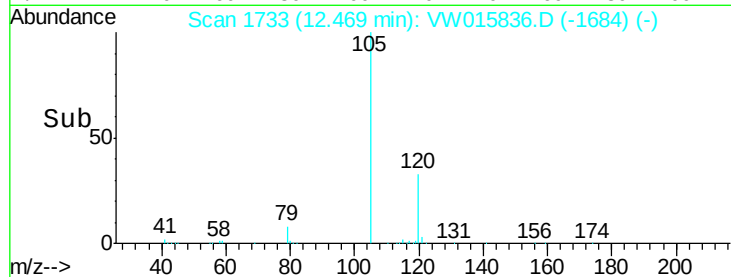
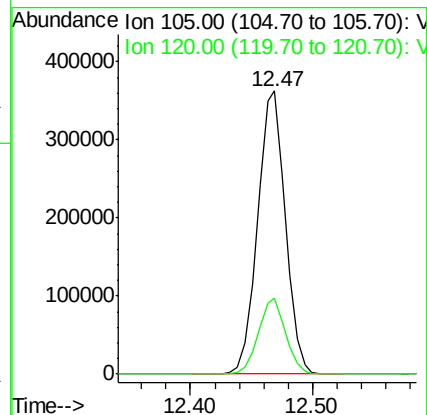
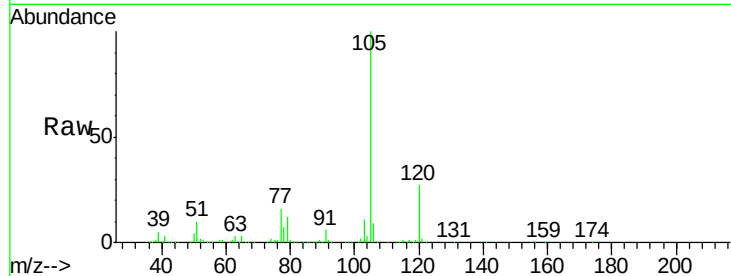
VSTDCCC050EC

Tot Ion:105 Resp: 572890

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 56.101 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Tgt Ion: 43 Resp: 130721

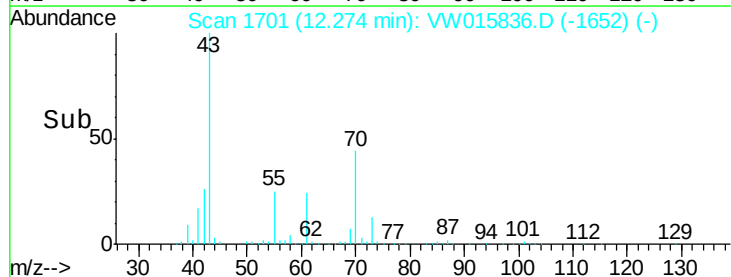
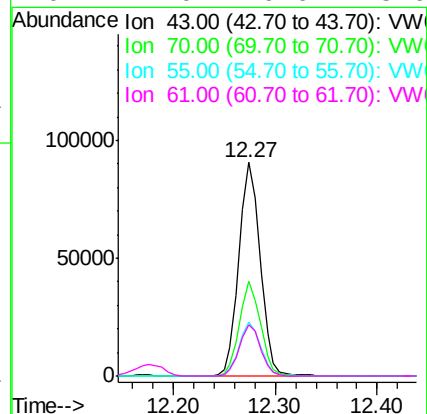
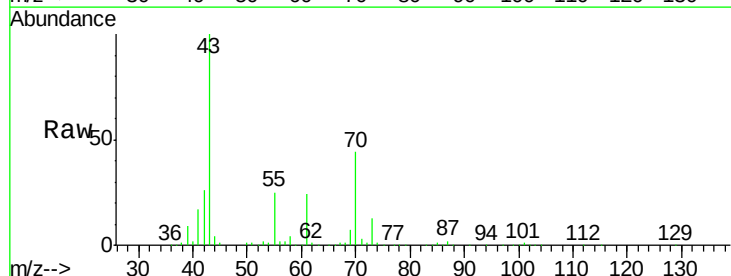
Ion Ratio Lower Upper

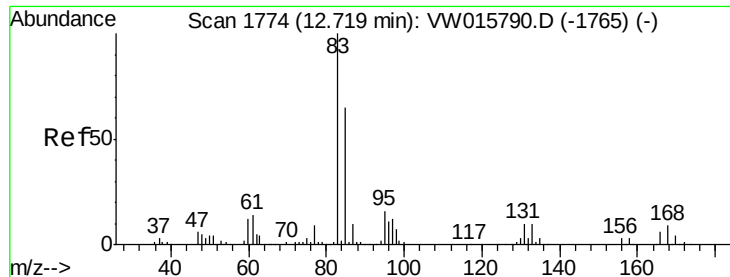
43 100

70 43.7 34.1 51.1

55 25.6 20.0 30.0

61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.578 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

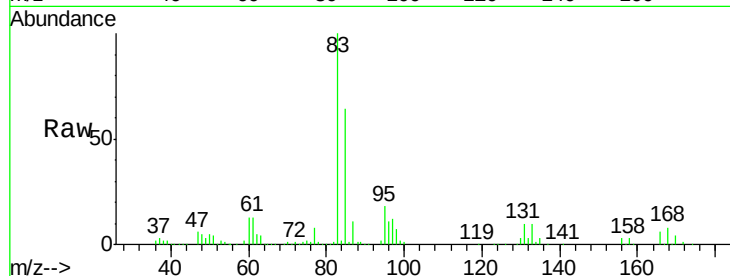
Tot Ion: 83 Resp: 98768

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

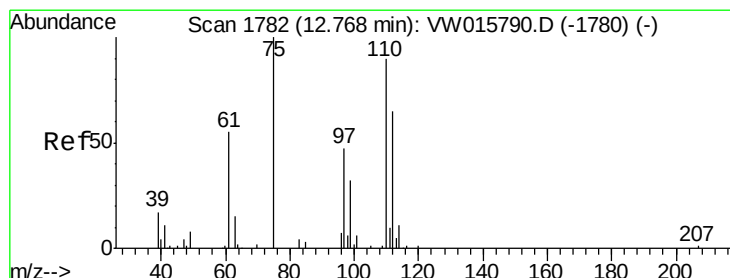
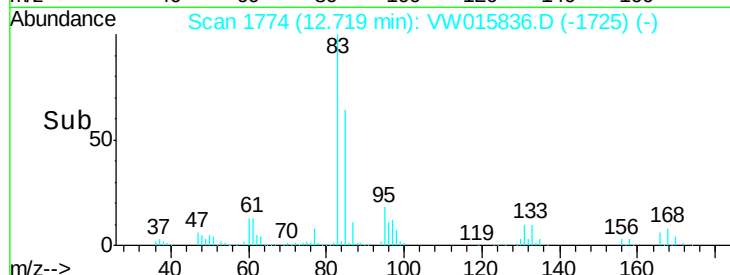
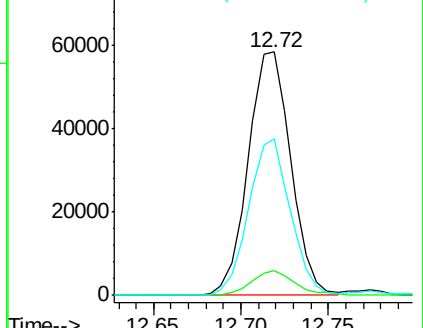
85 62.9 31.9 95.9



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: 51.788 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015836.D

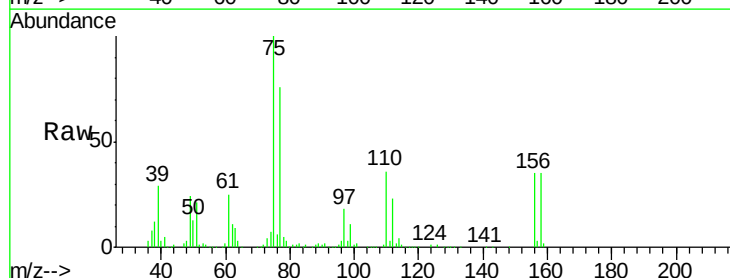
Acq: 09 Jul 2020 18:11

Tgt Ion: 75 Resp: 70364

Ion Ratio Lower Upper

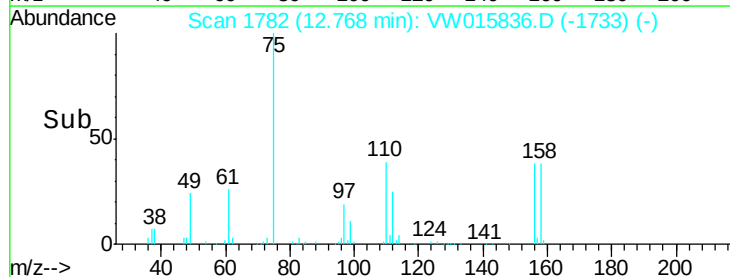
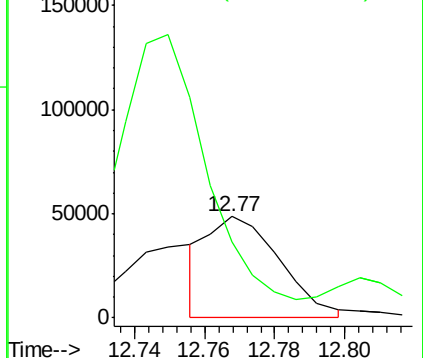
75 100

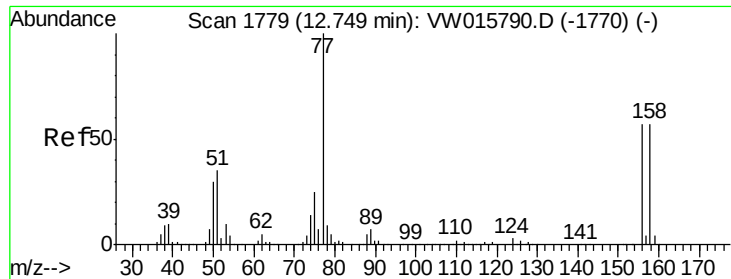
77 355.7 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.296 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

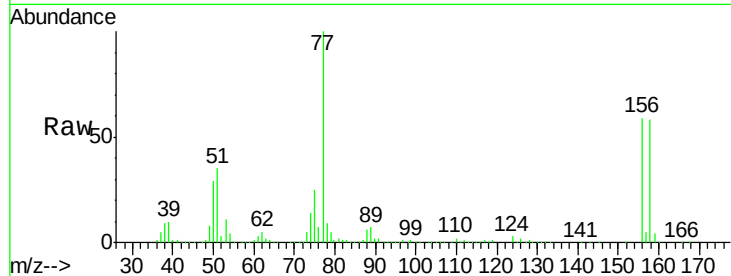
Tot Ion:156 Resp: 130155

Ion Ratio Lower Upper

156 100

77 192.3 98.8 296.4

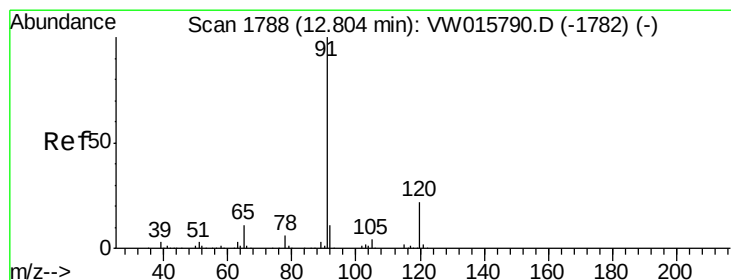
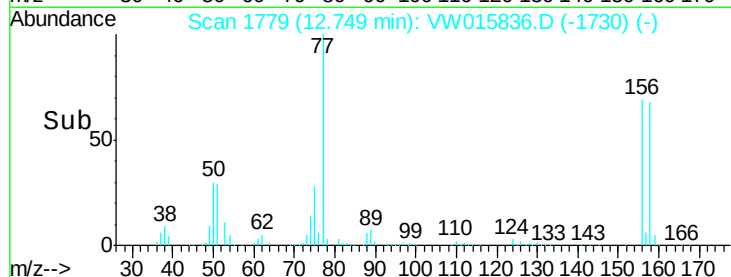
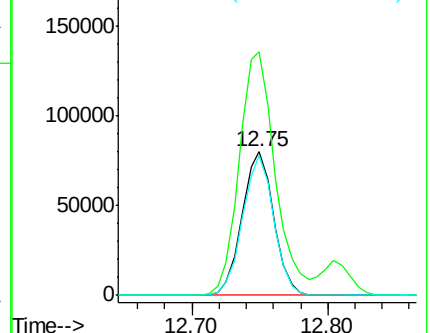
158 96.0 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.006 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015836.D

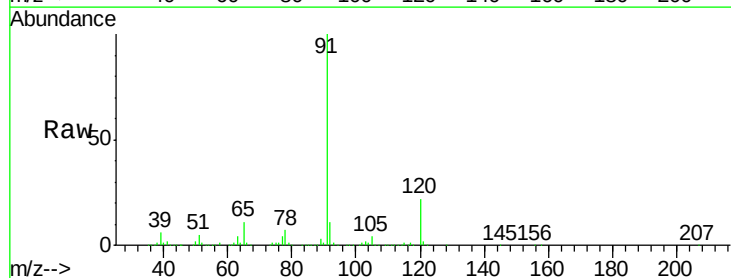
Acq: 09 Jul 2020 18:11

Tgt Ion: 91 Resp: 700712

Ion Ratio Lower Upper

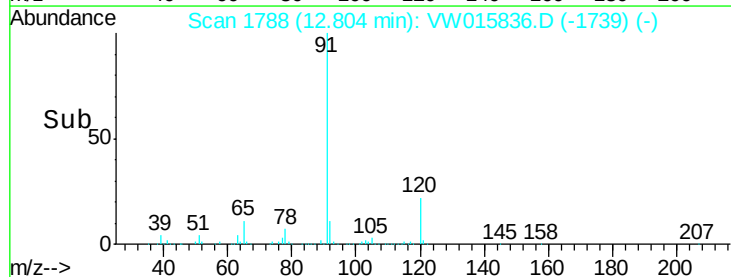
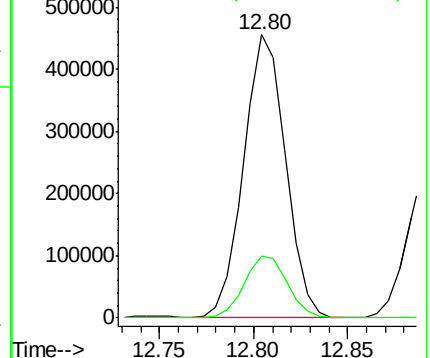
91 100

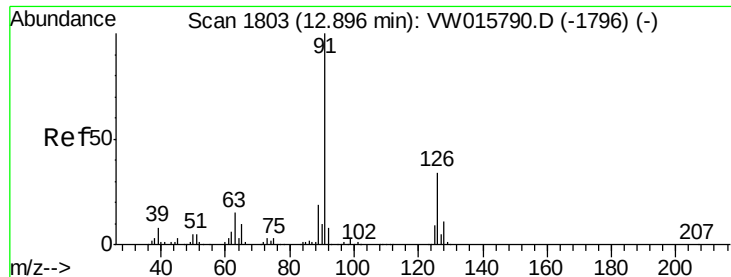
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.673 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

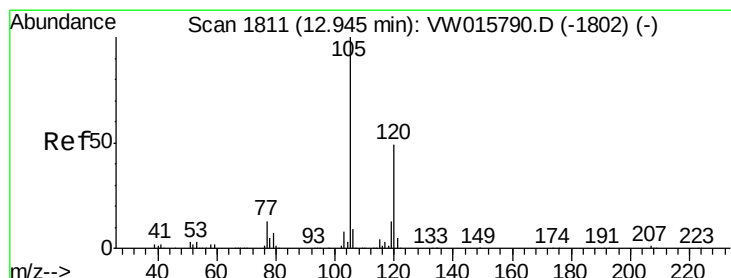
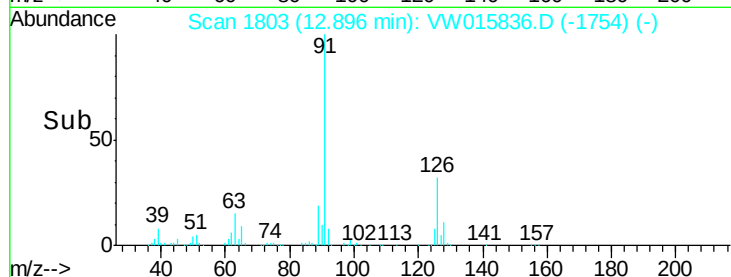
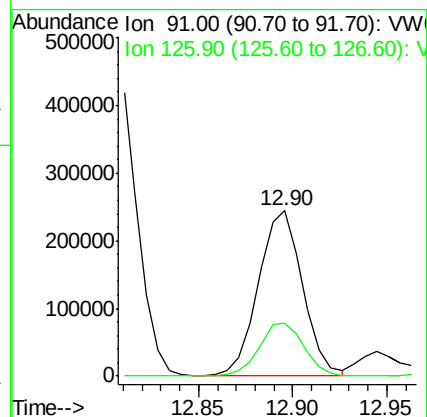
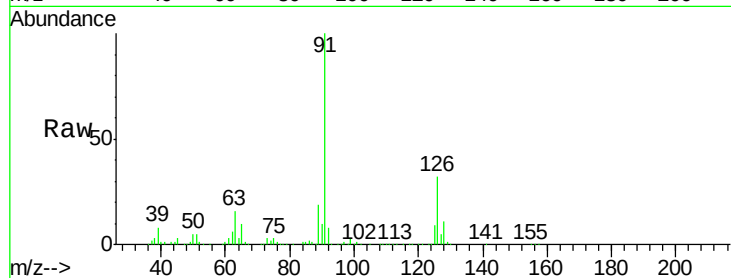
VSTDCCC050EC

Tot Ion: 91 Resp: 397087

Ion Ratio Lower Upper

91 100

126 32.6 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 54.130 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015836.D

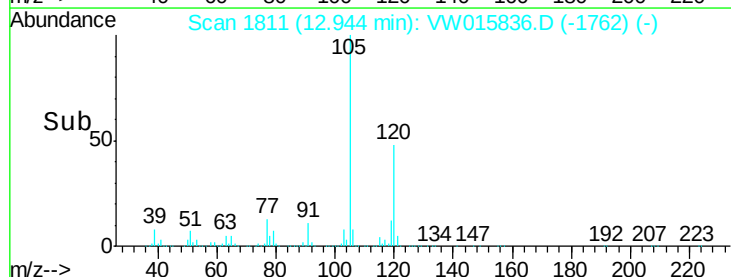
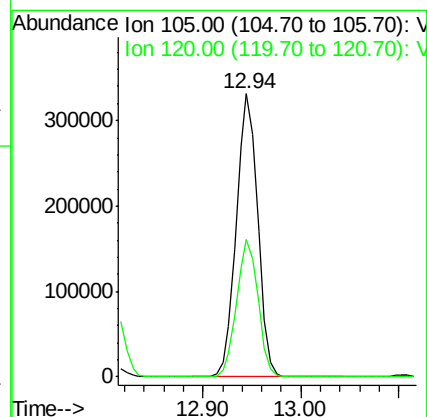
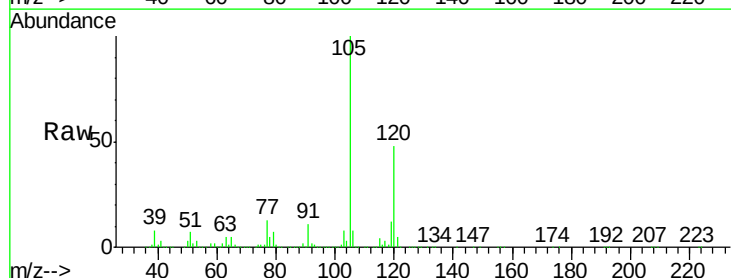
Acq: 09 Jul 2020 18:11

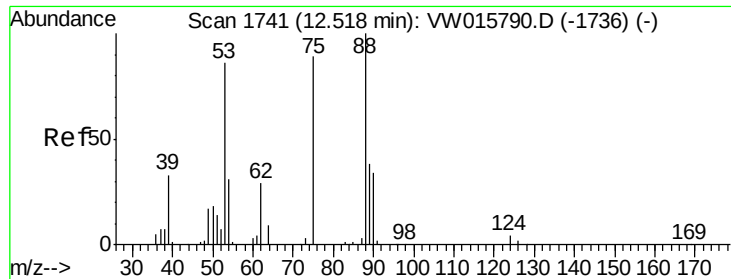
Tgt Ion: 105 Resp: 502458

Ion Ratio Lower Upper

105 100

120 48.5 25.1 75.3

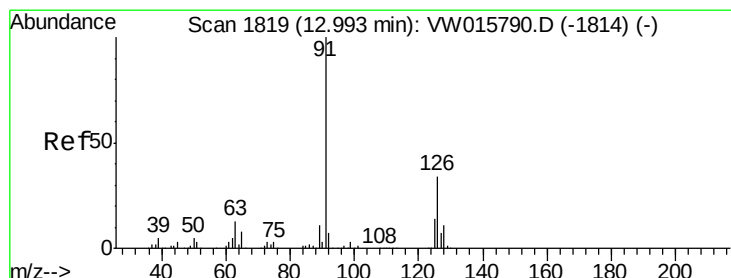
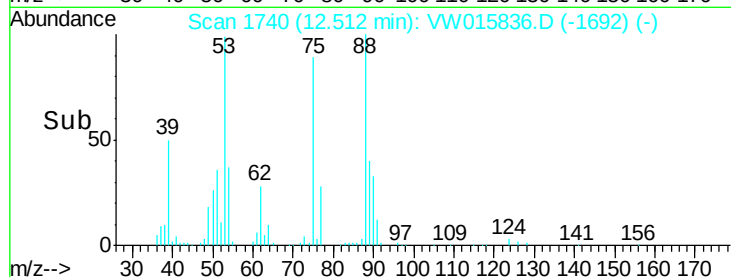
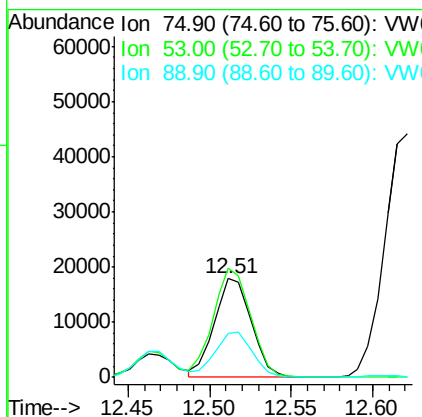
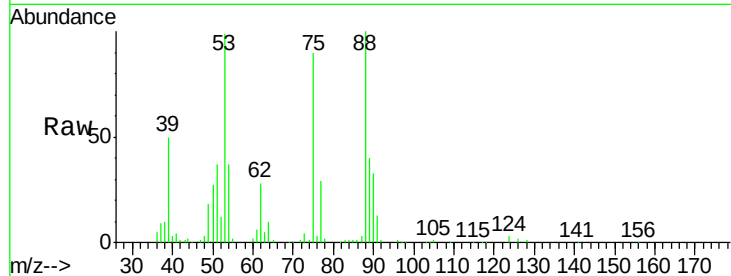




#81
trans-1,4-Dichloro-2-butene
Concen: 47.392 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

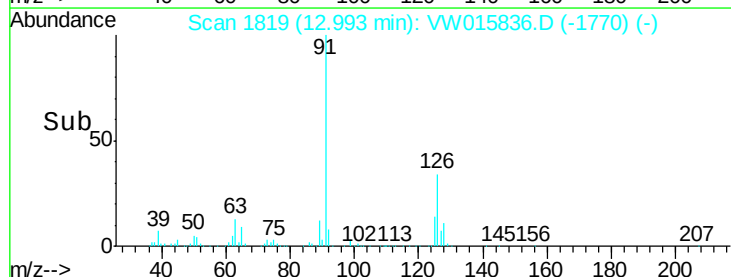
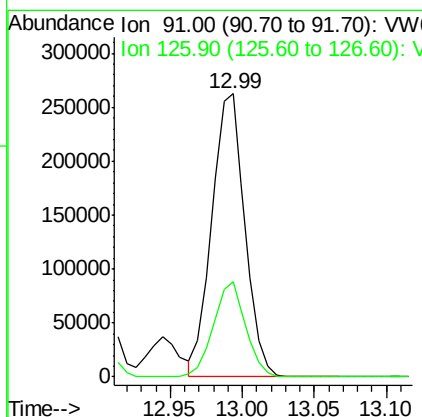
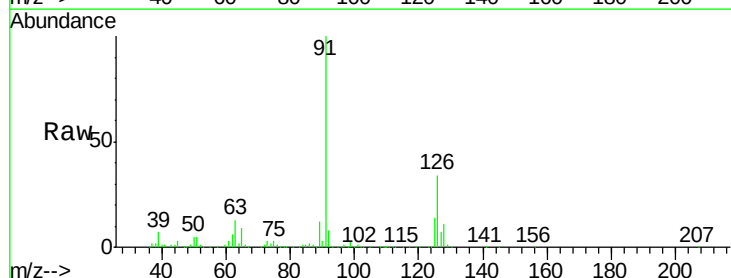
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

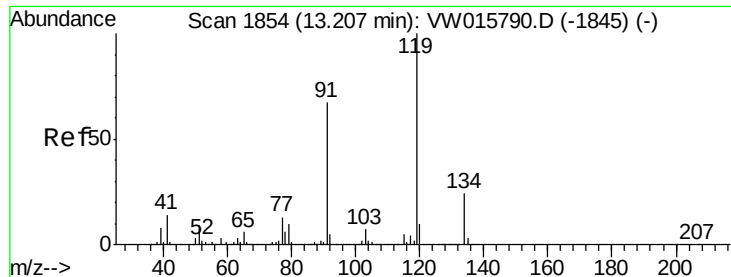
Tot Ion: 75 Resp: 28271
Ion Ratio Lower Upper
75 100
53 112.4 85.9 128.9
89 46.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 53.254 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion: 91 Resp: 419234
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

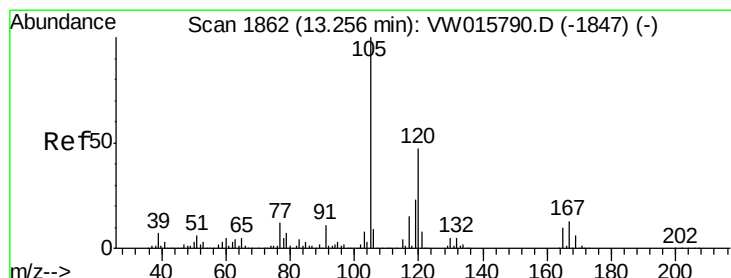
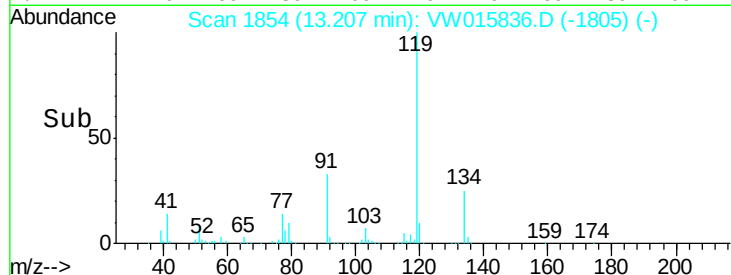
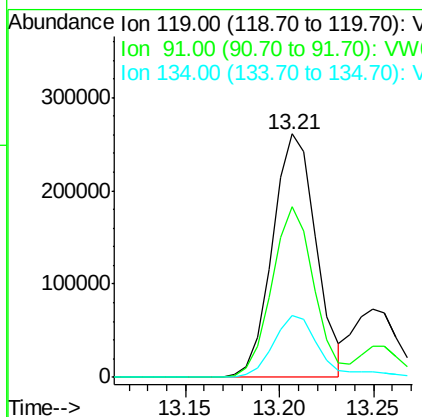
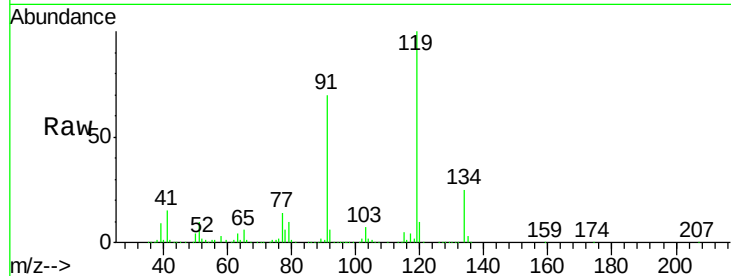




#83
 tert-Butylbenzene
 Concen: 54.313 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

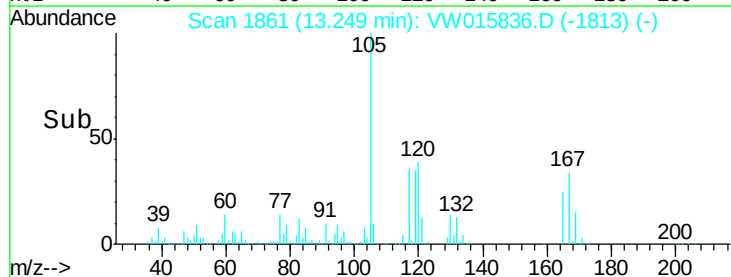
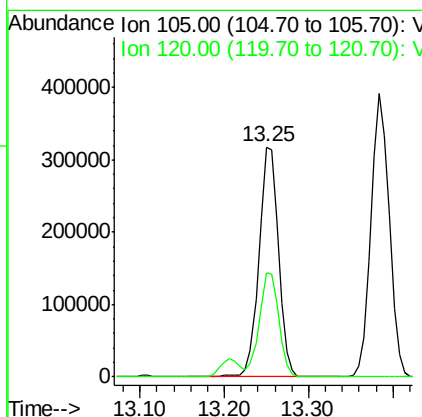
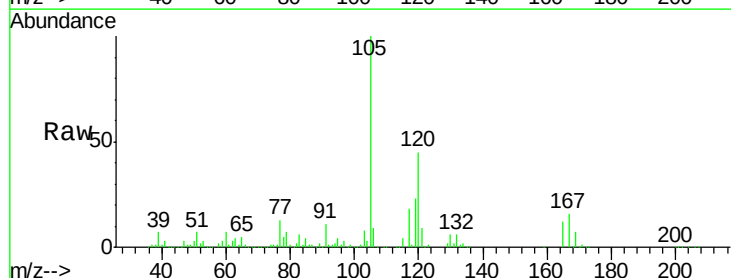
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

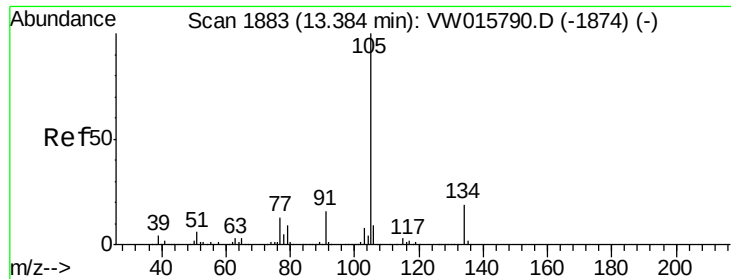
Tot Ion:119 Resp: 418552
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.4 103.3
 134 25.5 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 54.533 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Tgt Ion:105 Resp: 505523
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.4





#85

sec-Butylbenzene

Concen: 53.277 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

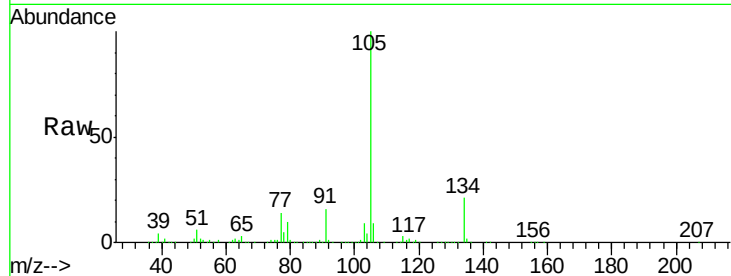
VSTDCCC050EC

Tot Ion:105 Resp: 592939

Ion Ratio Lower Upper

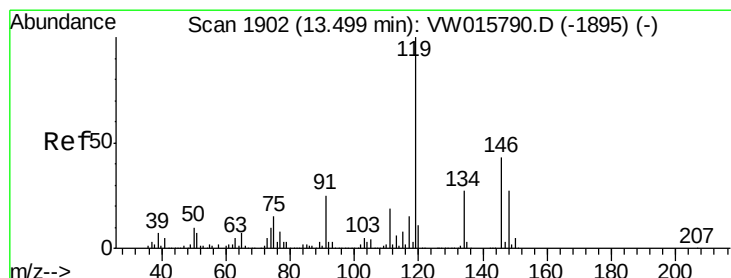
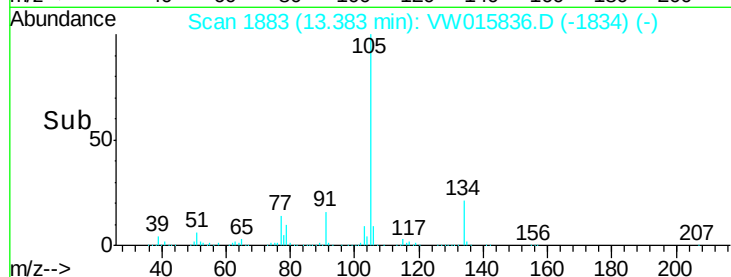
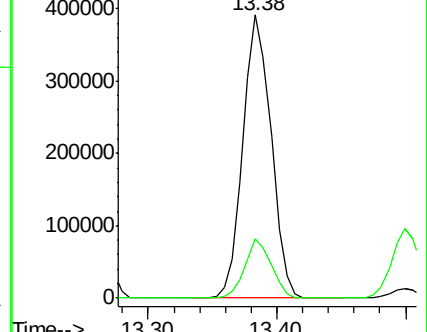
105 100

134 19.7 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.795 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

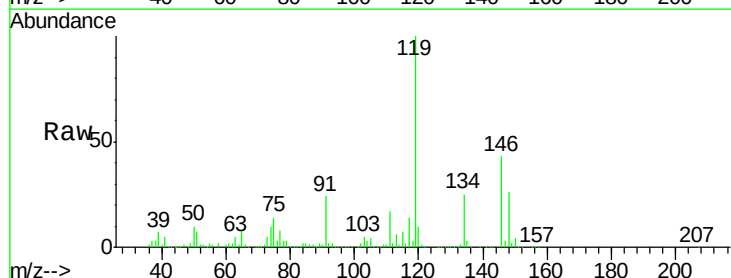
Tgt Ion:119 Resp: 546708

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.6

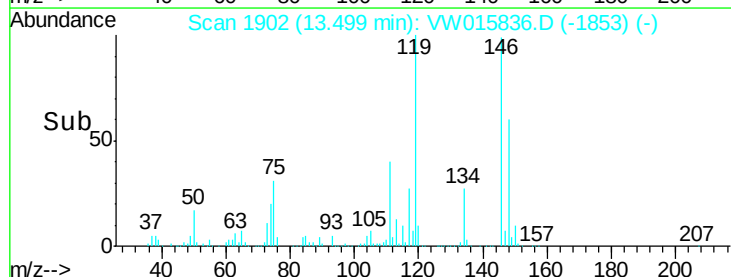
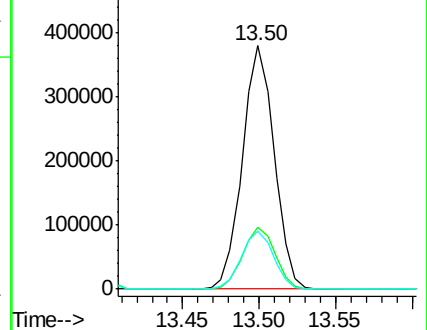
91 24.2 12.2 36.6

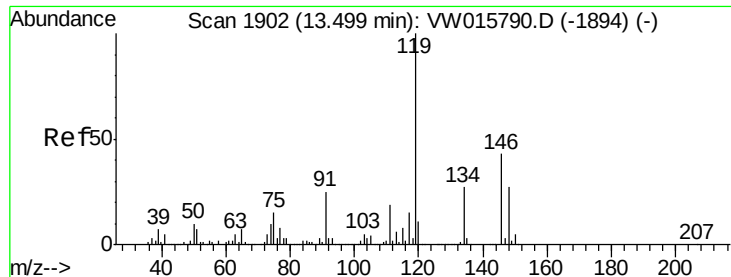


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

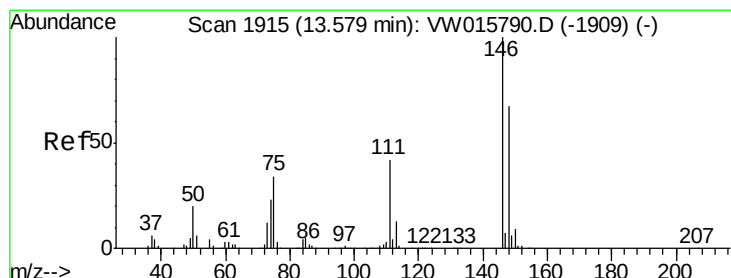
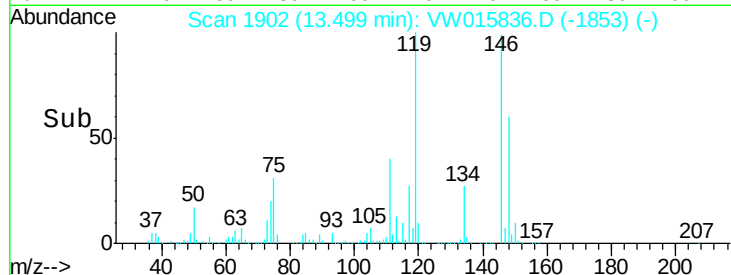
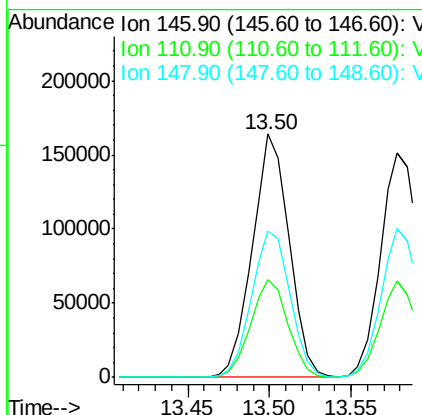
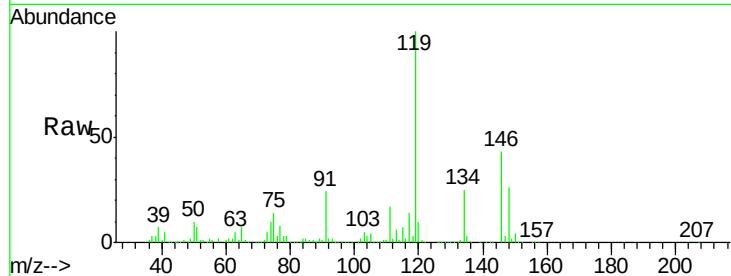




#87
 1,3-Dichlorobenzene
 Concen: 52.669 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

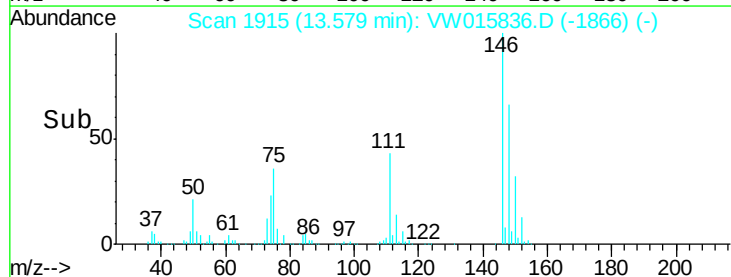
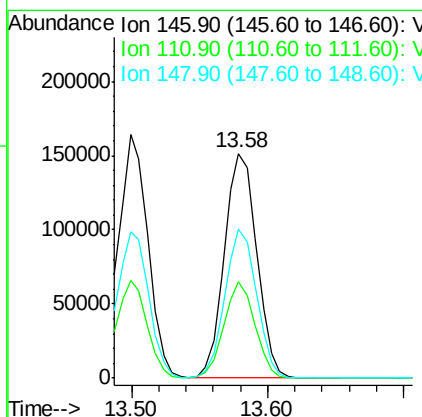
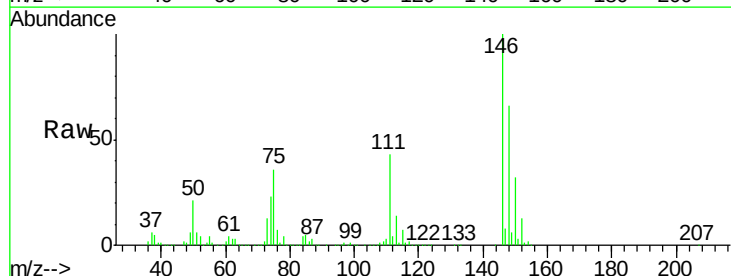
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

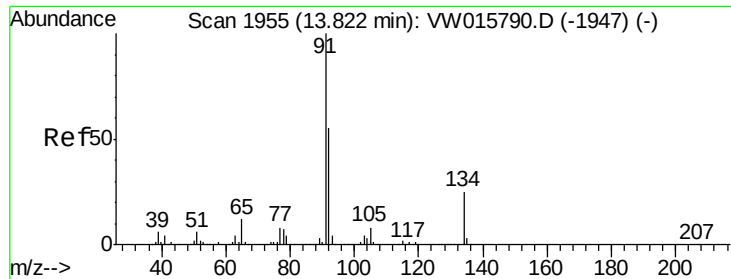
Tot Ion:146 Resp: 257829
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.8 62.4
 148 62.8 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 52.258 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Tgt Ion:146 Resp: 250434
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.2 60.6
 148 65.1 31.8 95.4





#89

n-Butylbenzene

Concen: 55.051 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015836.D

Acq: 09 Jul 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

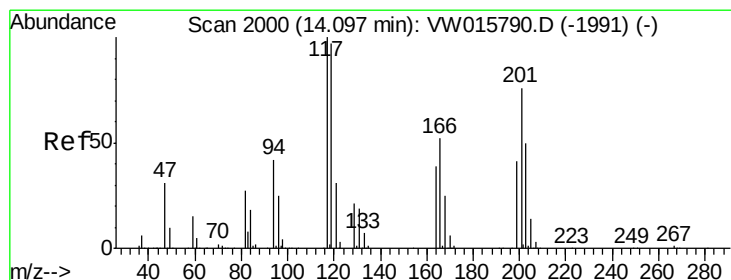
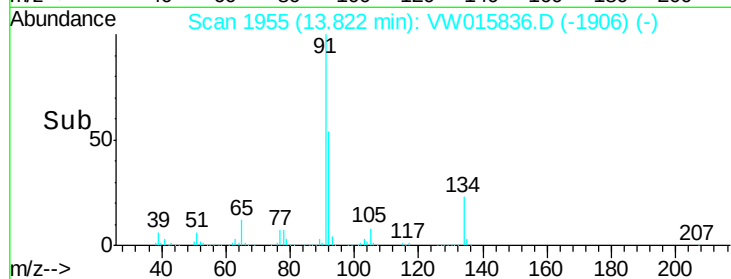
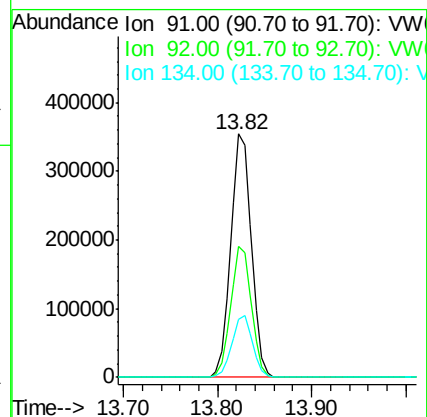
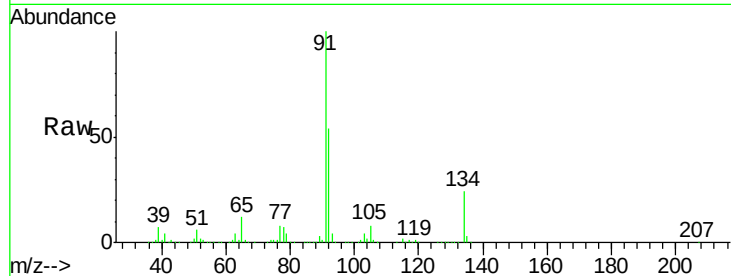
Tot Ion: 91 Resp: 535408

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.6

134 25.2 12.7 38.1



#90

Hexachloroethane

Concen: 52.764 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW015836.D

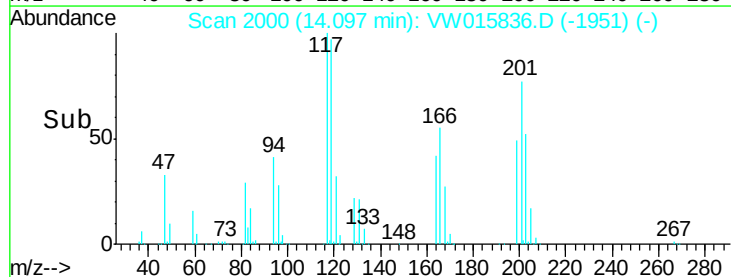
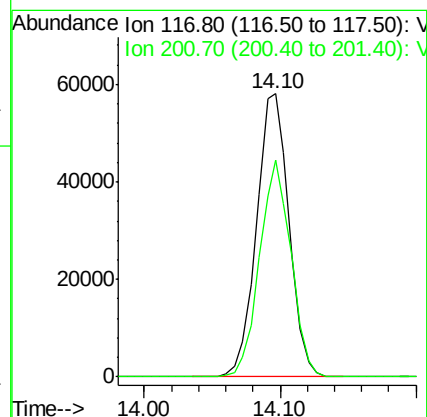
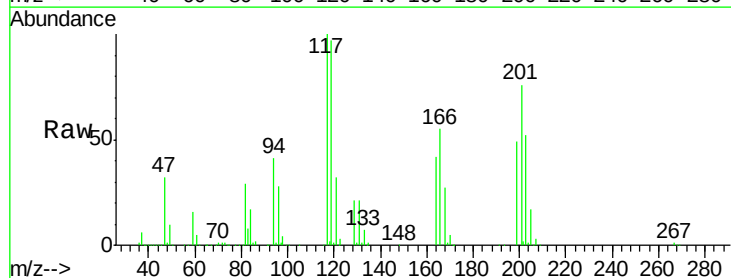
Acq: 09 Jul 2020 18:11

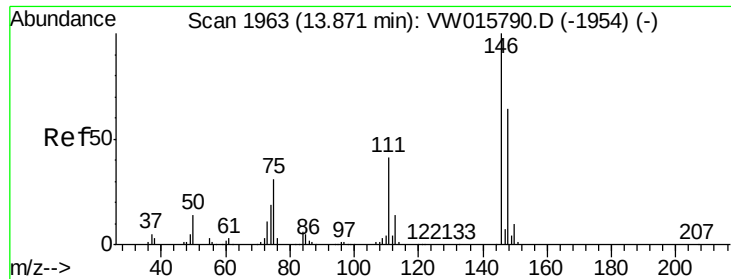
Tgt Ion: 117 Resp: 97194

Ion Ratio Lower Upper

117 100

201 74.0 37.1 111.3

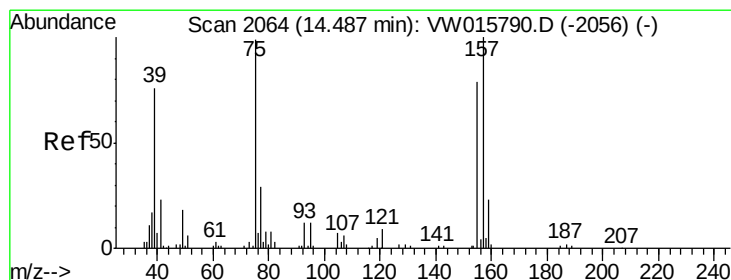
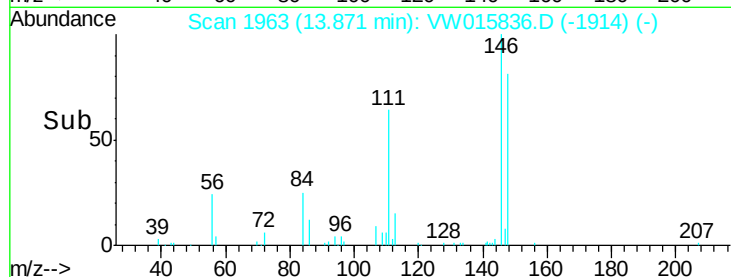
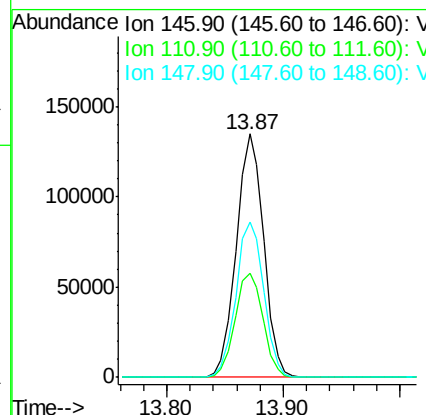
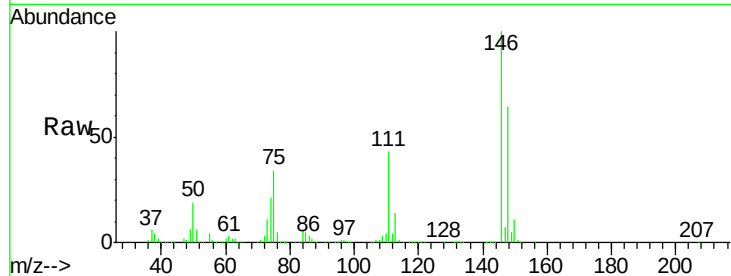




#91
 1,2-Dichlorobenzene
 Concen: 51.902 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

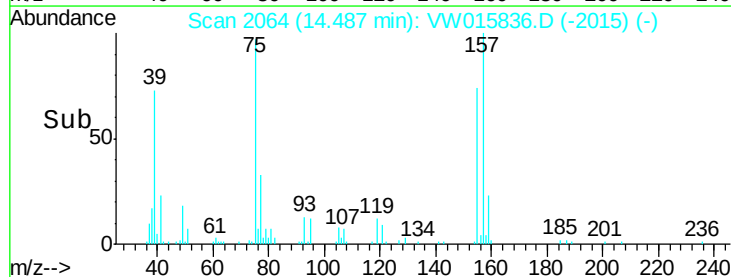
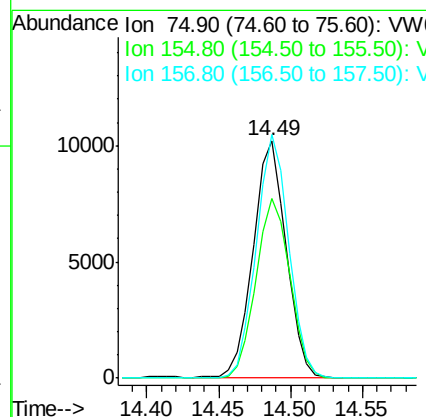
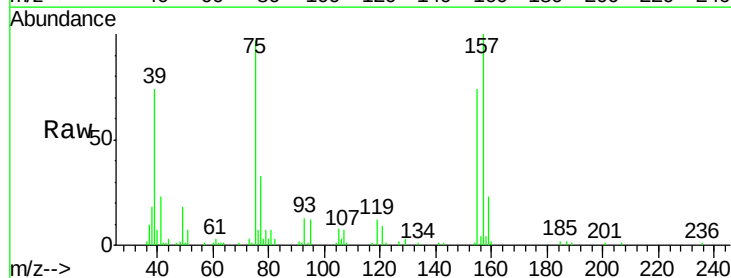
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

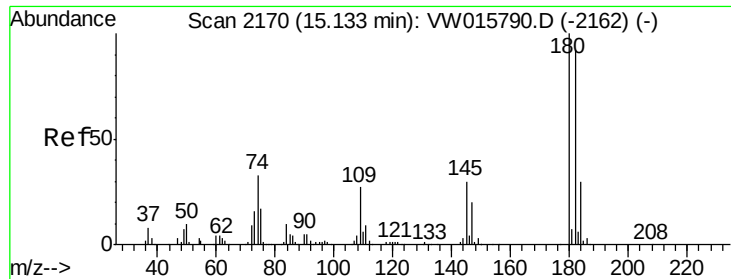
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.6	61.9
148	64.9	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.938 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	39.1	117.5
157	100.6	49.1	147.4

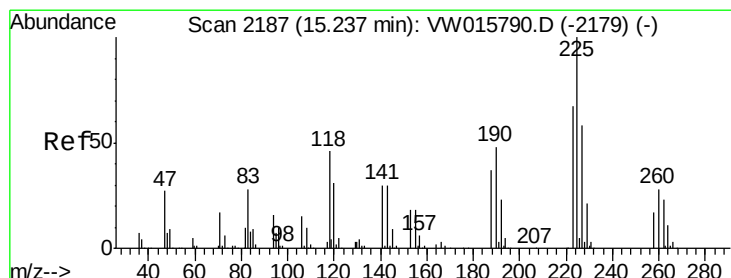
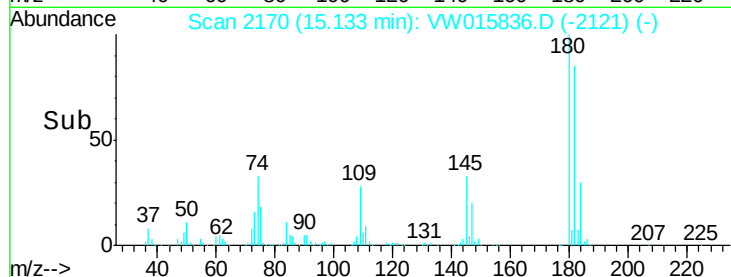
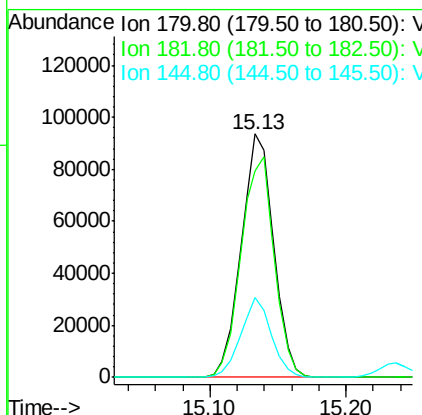
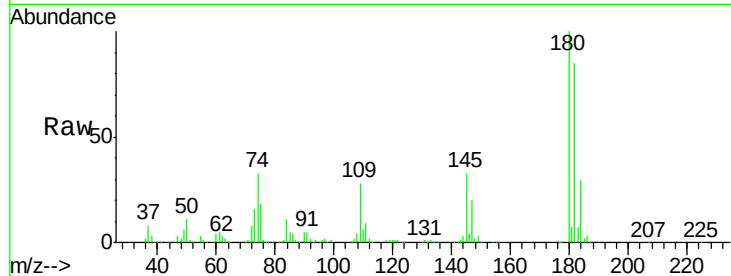




#93
 1,2,4-Trichlorobenzene
 Concen: 58.104 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

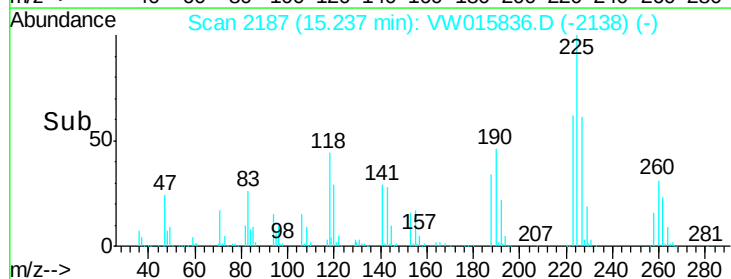
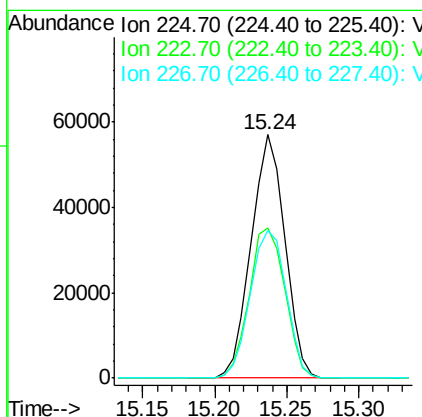
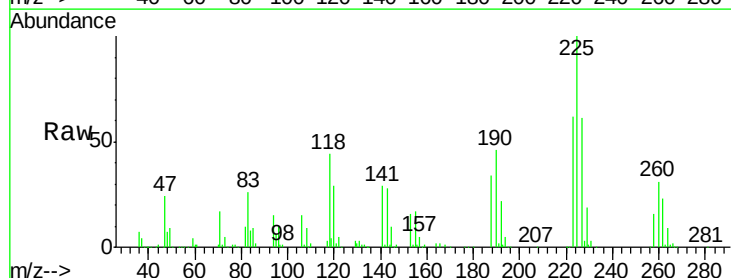
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

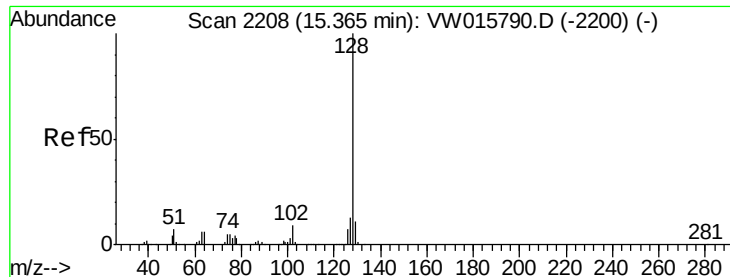
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.8	140.3
145	30.8	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 54.556 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015836.D
 Acq: 09 Jul 2020 18:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.4	97.2
227	64.4	30.7	92.1

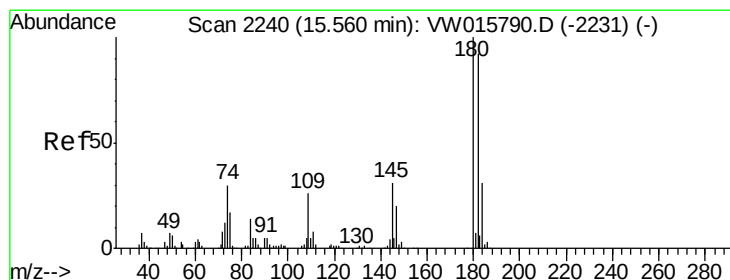
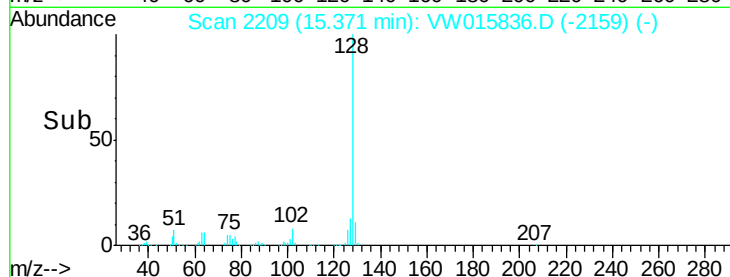
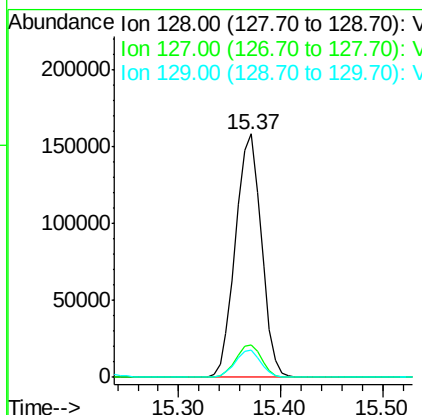
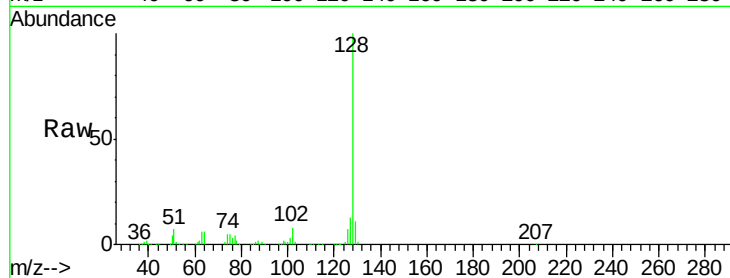




#95
Naphthalene
Concen: 55.508 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 278859
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 59.984 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015836.D
Acq: 09 Jul 2020 18:11

Tgt Ion:180 Resp: 136475
Ion Ratio Lower Upper
180 100
182 96.7 47.7 143.1
145 32.0 16.7 50.0

