

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015800.D
 Acq On : 07 Jul 2020 19:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 08 09:15:25 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	208559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	335105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165468	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105763	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.89	113	93695	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	10.32	98	362707	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.62	95	139023	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52913	48.174	ug/l	94
3) Chloromethane	2.21	50	63097	42.299	ug/l	100
4) Vinyl Chloride	2.37	62	107871	46.836	ug/l	98
5) Bromomethane	2.78	94	79540	45.134	ug/l	97
6) Chloroethane	2.93	64	73392	47.217	ug/l	99
7) Trichlorofluoromethane	3.26	101	83376	50.371	ug/l	100
8) Diethyl Ether	3.68	74	50493	48.959	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	95477	49.275	ug/l	99
10) Methyl Iodide	4.28	142	136007	50.203	ug/l	99
11) Tert butyl alcohol	5.17	59	32977	295.435	ug/l	99
12) 1,1-Dichloroethene	4.04	96	92735	48.678	ug/l	97
13) Acrolein	3.89	56	35155	235.965	ug/l	96
14) Allyl chloride	4.67	41	157206	50.771	ug/l	99
15) Acrylonitrile	5.37	53	108438	268.919	ug/l	100
16) Acetone	4.13	43	101337	252.180	ug/l	97
17) Carbon Disulfide	4.39	76	273210	48.210	ug/l	100
18) Methyl Acetate	4.67	43	47781	52.249	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	152702	53.556	ug/l	96
20) Methylene Chloride	4.92	84	113730	55.608	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	108521	49.181	ug/l	99
22) Diisopropyl ether	6.32	45	322562	51.695	ug/l	98
23) Vinyl Acetate	6.26	43	989091	266.506	ug/l	100
24) 1,1-Dichloroethane	6.22	63	193985	49.103	ug/l	99
25) 2-Butanone	7.18	43	144215	264.392	ug/l	99
26) 2,2-Dichloropropane	7.17	77	117745	47.508	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	119896	50.604	ug/l	100
28) Bromochloromethane	7.52	49	75695	48.332	ug/l	98
29) Tetrahydrofuran	7.54	42	91999	277.941	ug/l	100
30) Chloroform	7.68	83	197671	48.948	ug/l	99
31) Cyclohexane	7.96	56	174841	47.025	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	166752	49.243	ug/l	99
36) 1,1-Dichloropropene	8.09	75	158972	48.125	ug/l	100
37) Ethyl Acetate	7.26	43	65719	51.201	ug/l	98
38) Carbon Tetrachloride	8.07	117	152821	47.810	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	195154	50.066	ug/l	100
40) Benzene	8.32	78	439004	48.515	ug/l	100
41) Methacrylonitrile	7.49	41	37905	52.017	ug/l	99
42) 1,2-Dichloroethane	8.40	62	140033	49.723	ug/l	100
43) Isopropyl Acetate	8.43	43	130736	52.181	ug/l	99
44) Trichloroethene	9.09	130	115067	48.077	ug/l	95
45) 1,2-Dichloropropane	9.37	63	110650	49.749	ug/l	99
46) Dibromomethane	9.46	93	57434	50.157	ug/l	98
47) Bromodichloromethane	9.65	83	149371	50.432	ug/l	99
48) Methyl methacrylate	9.44	41	60568	52.749	ug/l	98
49) 1,4-Dioxane	9.45	88	16473	1163.599	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	328239	268.480	ug/l	99
52) Toluene	10.39	92	287430	49.361	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	148653	52.309	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	172925	50.870	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	80135	50.468	ug/l	97
56) Ethyl methacrylate	10.65	69	106280	54.444	ug/l	98
57) 1,3-Dichloropropane	10.93	76	143324	50.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	244633	256.475	ug/l	99
59) 2-Hexanone	10.97	43	227104	278.349	ug/l	99
60) Dibromochloromethane	11.13	129	95603	52.134	ug/l	98
61) 1,2-Dibromoethane	11.24	107	77943	51.302	ug/l	97
64) Tetrachloroethene	10.87	164	95858	48.405	ug/l	96
65) Chlorobenzene	11.66	112	304423	49.745	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	108764	50.223	ug/l	99
67) Ethyl Benzene	11.73	91	572836	50.547	ug/l	97
68) m/p-Xylenes	11.84	106	437497	102.768	ug/l	100
69) o-Xylene	12.17	106	200982	51.720	ug/l	99
70) Styrene	12.18	104	358407	53.603	ug/l	99
71) Bromoform	12.35	173	53124	53.743	ug/l #	97
73) Isopropylbenzene	12.46	105	570061	48.902	ug/l	99
74) N-amyl acetate	12.27	43	130394	52.284	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	95270	49.186	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69811m	48.005	ug/l	
77) Bromobenzene	12.75	156	123031	47.069	ug/l	99
78) n-propylbenzene	12.80	91	688756	48.678	ug/l	100
79) 2-Chlorotoluene	12.90	91	389944	48.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	488329	49.151	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	28849	45.357	ug/l	98
82) 4-Chlorotoluene	12.99	91	405437	48.117	ug/l	99
83) tert-Butylbenzene	13.21	119	402236	48.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	492787	49.666	ug/l	99
85) sec-Butylbenzene	13.38	105	591624	49.666	ug/l	100
86) p-Isopropyltoluene	13.50	119	535813	49.258	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	254717	48.614	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	251220	48.977	ug/l	99
89) n-Butylbenzene	13.82	91	517728	49.736	ug/l	99
90) Hexachloroethane	14.10	117	96237	48.811	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	224271	49.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15937	51.496	ug/l	98

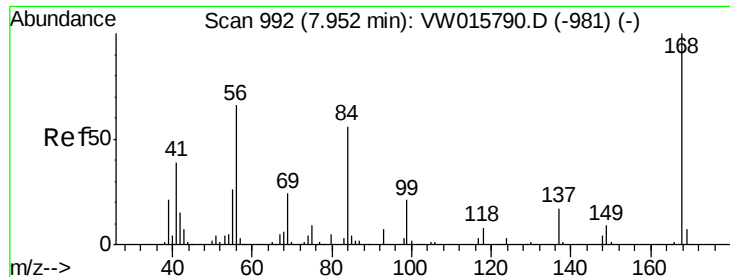
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	150745	52.674	ug/l	99
94) Hexachlorobutadiene	15.24	225	85739	47.186	ug/l	99
95) Naphthalene	15.37	128	266460	49.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	128646	52.828	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: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

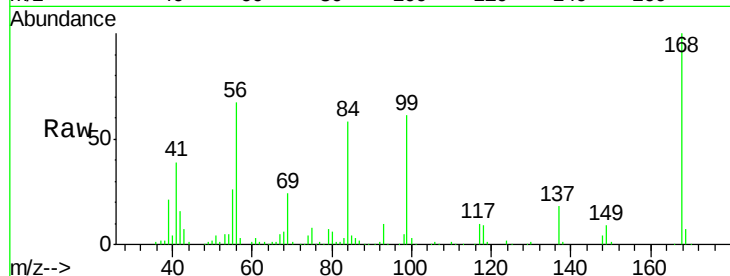
VSTDCCC050EC

Tot Ion:168 Resp: 208559

Ion Ratio Lower Upper

168 100

99 61.3 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

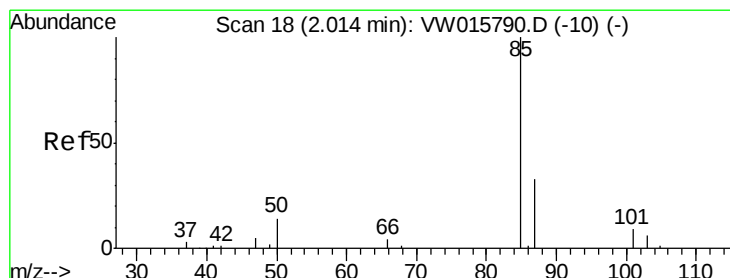
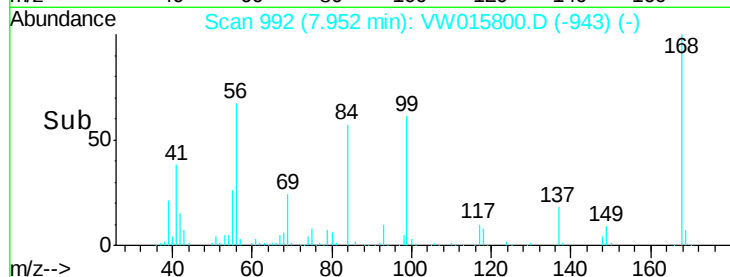
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 48.174 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015800.D

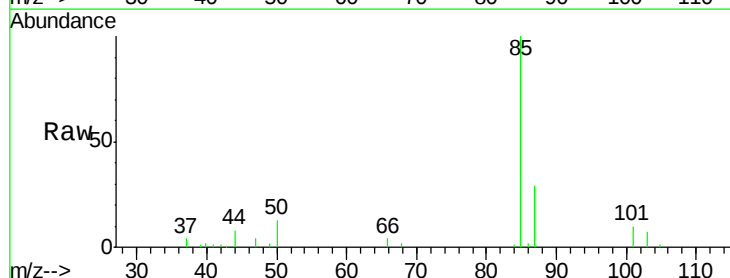
Acq: 07 Jul 2020 19:15

Tgt Ion: 85 Resp: 52913

Ion Ratio Lower Upper

85 100

87 29.4 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

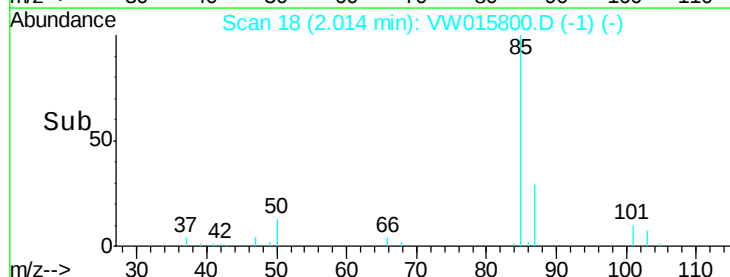
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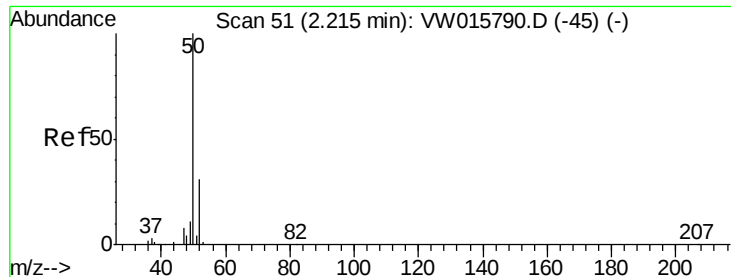
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 42.299 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

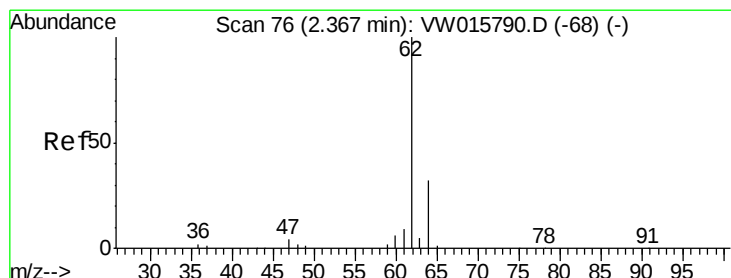
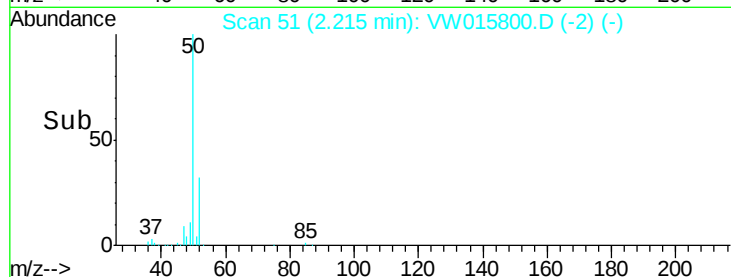
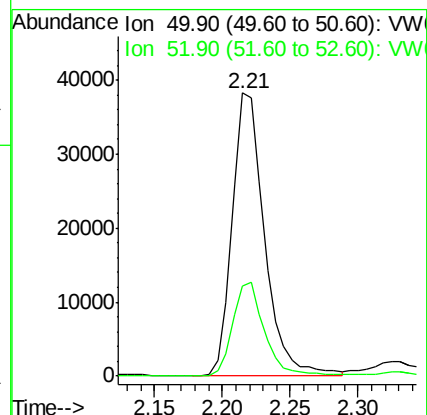
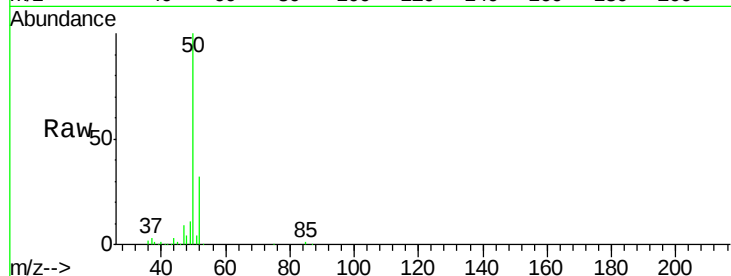
VSTDCCC050EC

Tot Ion: 50 Resp: 63097

Ion Ratio Lower Upper

50 100

52 31.8 25.2 37.8



#4

Vinyl Chloride

Concen: 46.836 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015800.D

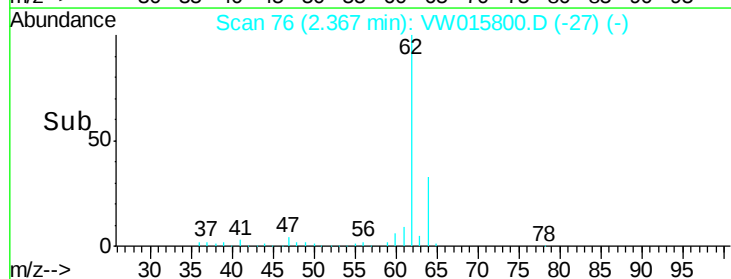
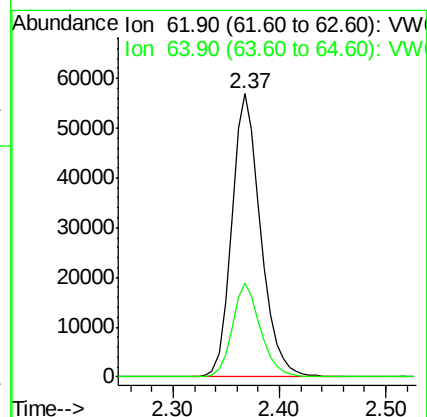
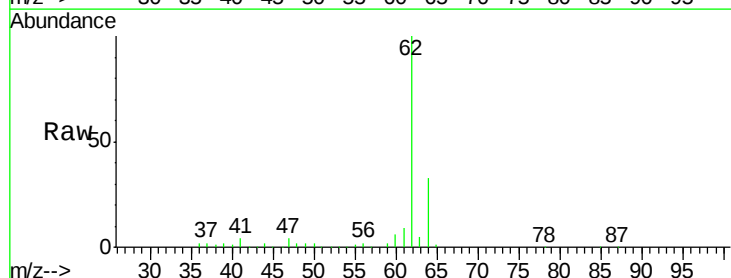
Acq: 07 Jul 2020 19:15

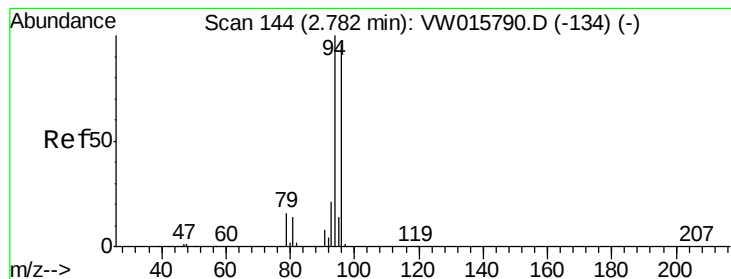
Tgt Ion: 62 Resp: 107871

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8





#5

Bromomethane

Concen: 45.134 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

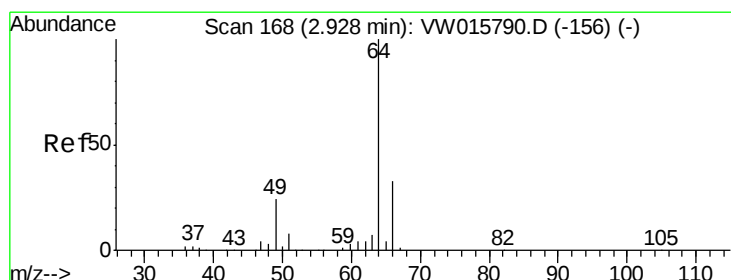
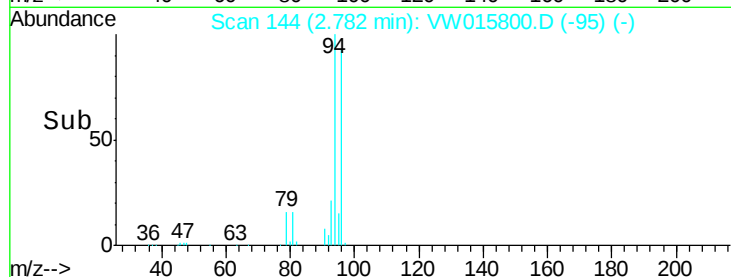
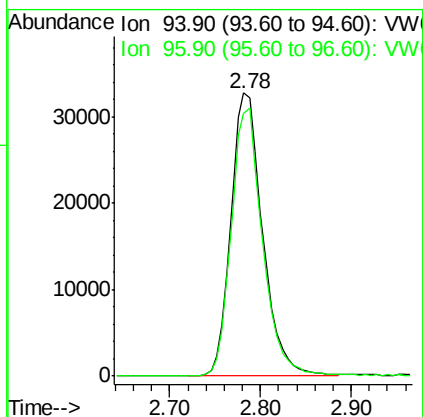
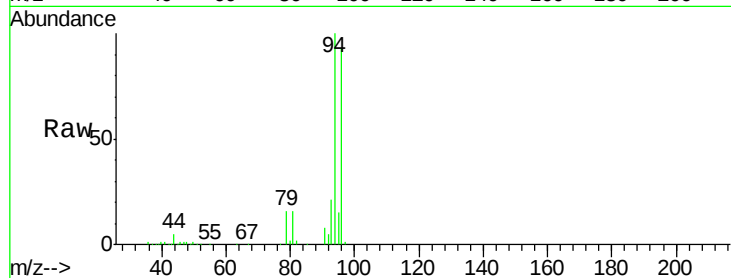
VSTDCCC050EC

Tot Ion: 94 Resp: 79540

Ion Ratio Lower Upper

94 100

96 93.0 76.7 115.1



#6

Chloroethane

Concen: 47.217 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015800.D

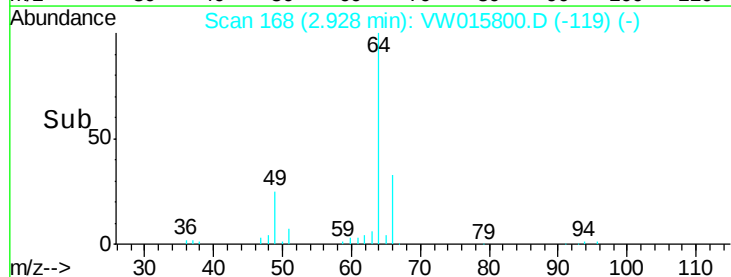
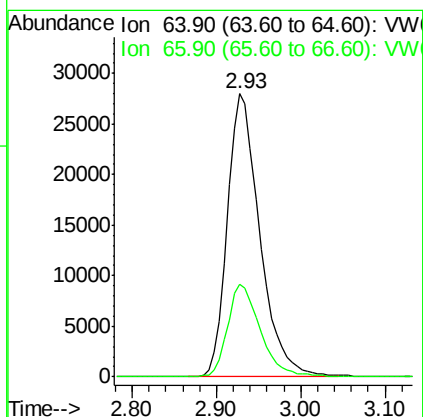
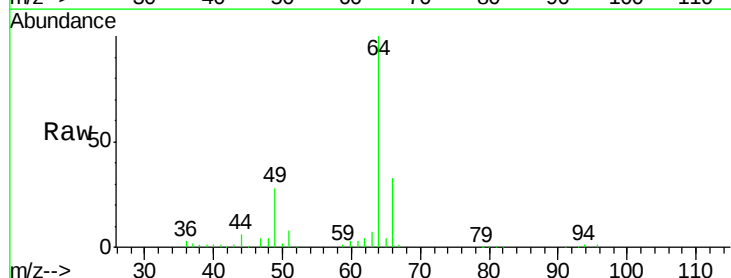
Acq: 07 Jul 2020 19:15

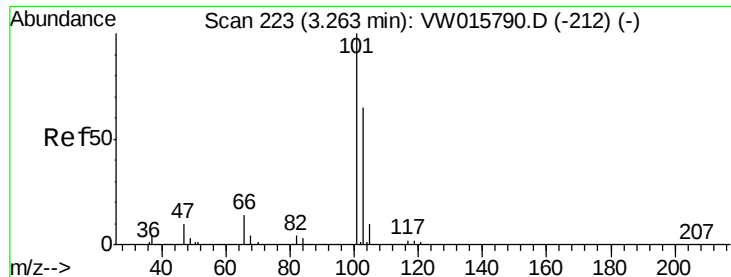
Tgt Ion: 64 Resp: 73392

Ion Ratio Lower Upper

64 100

66 32.9 26.0 39.0



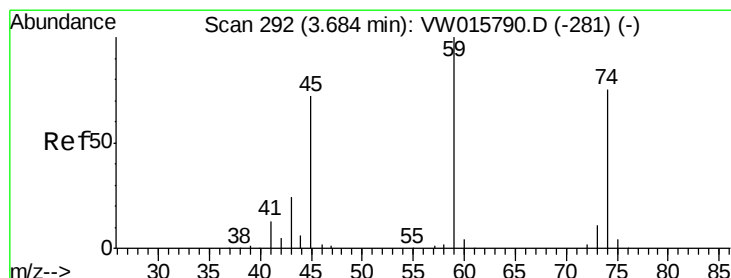
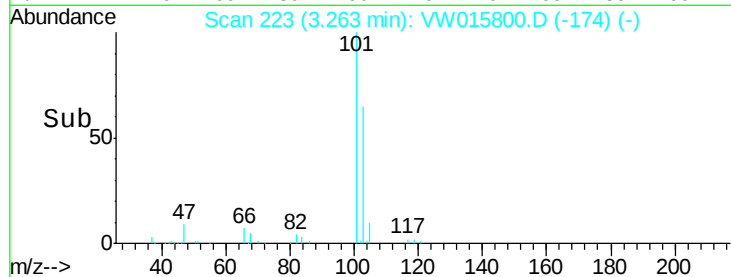
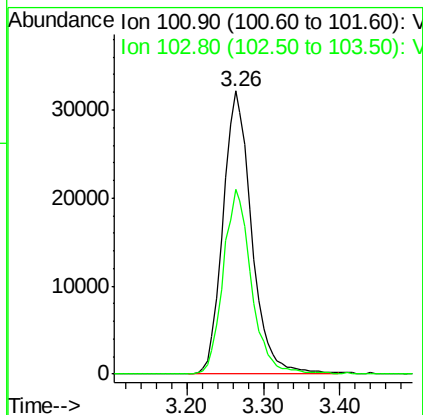
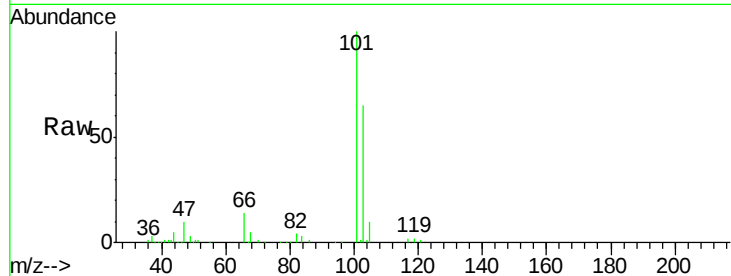


#7

Trichlorofluoromethane
 Concen: 50.371 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Instrument :
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 VSTDCCC050EC

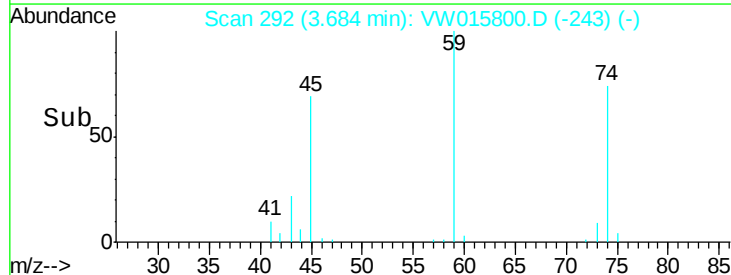
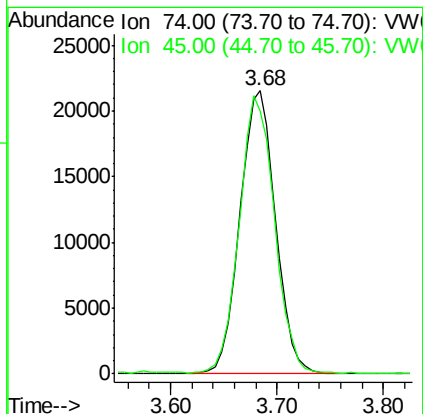
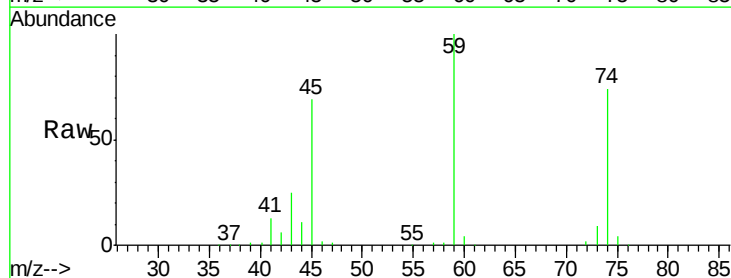
Tot Ion:101 Resp: 83376
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.4

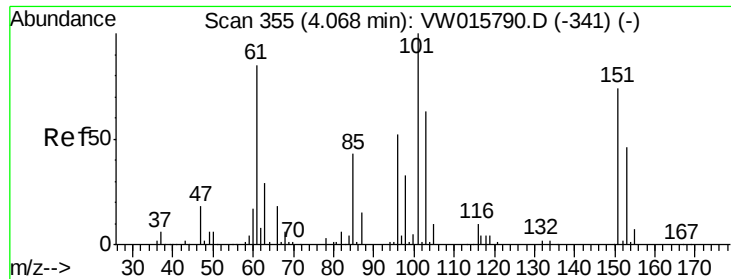


#8

Diethyl Ether
 Concen: 48.959 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Tgt Ion: 74 Resp: 50493
 Ion Ratio Lower Upper
 74 100
 45 98.1 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.275 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

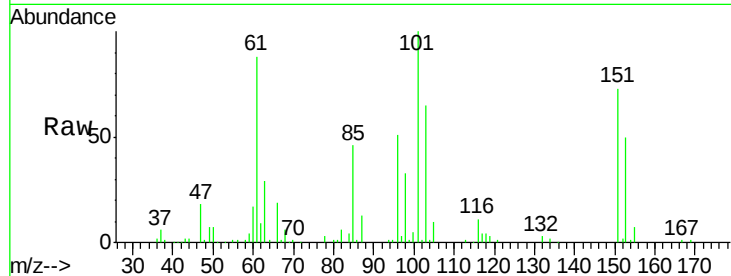
Tot Ion:101 Resp: 95477

Ion Ratio Lower Upper

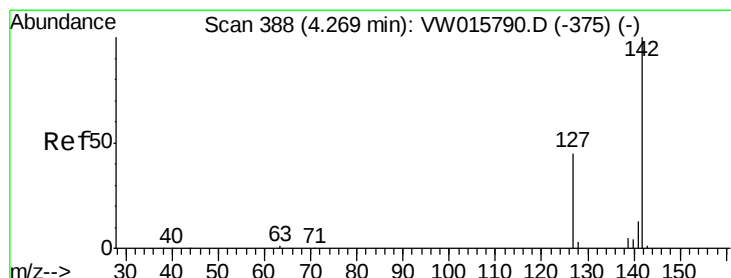
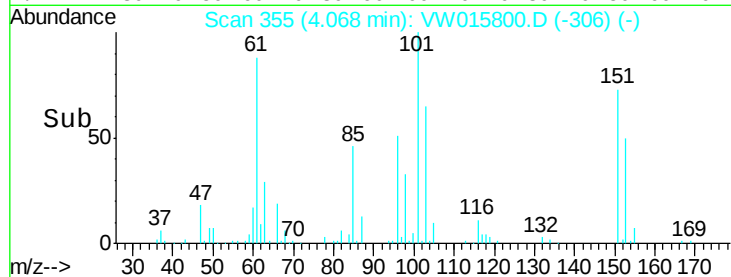
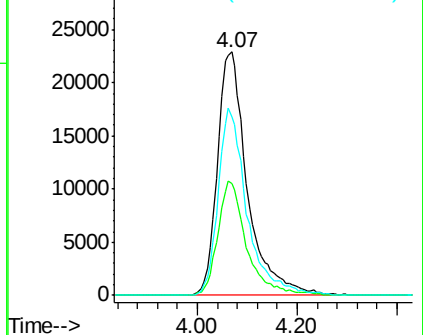
101 100

85 45.0 36.1 54.1

151 74.3 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: 50.203 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

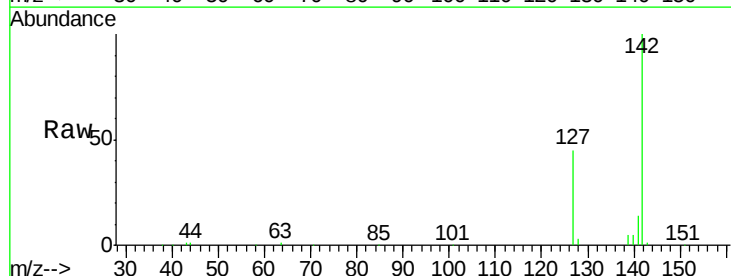
Tgt Ion:142 Resp: 136007

Ion Ratio Lower Upper

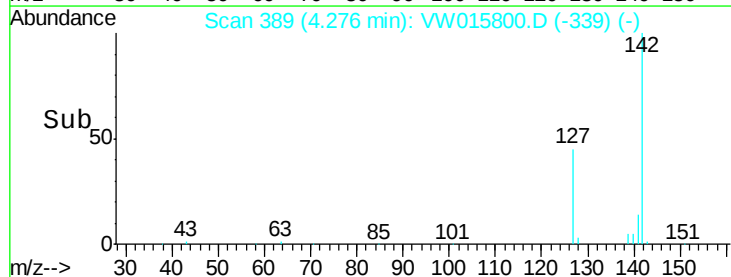
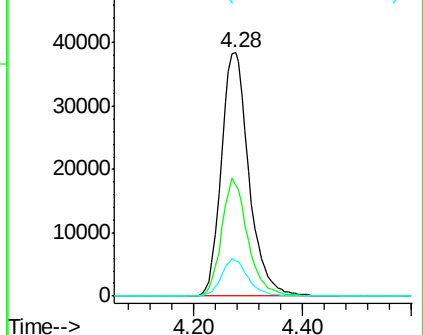
142 100

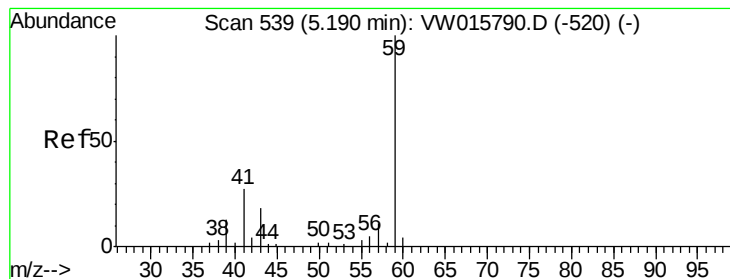
127 45.8 36.1 54.1

141 14.5 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



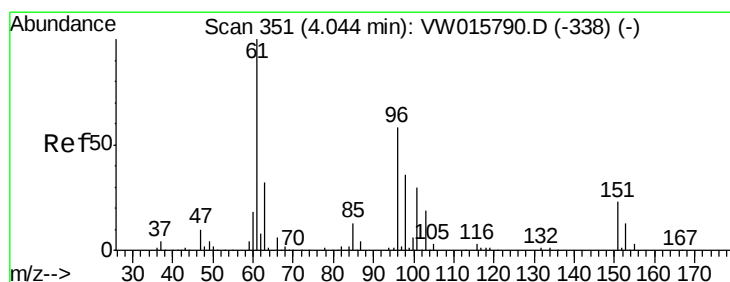
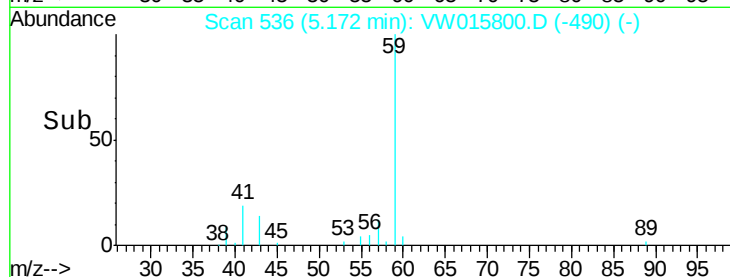
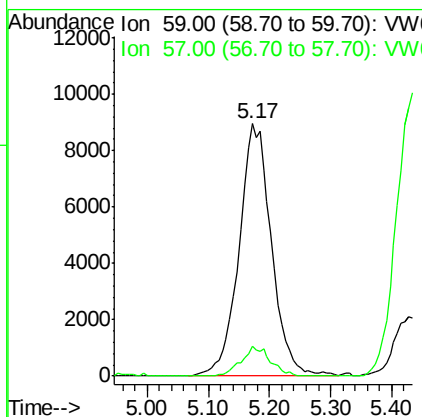
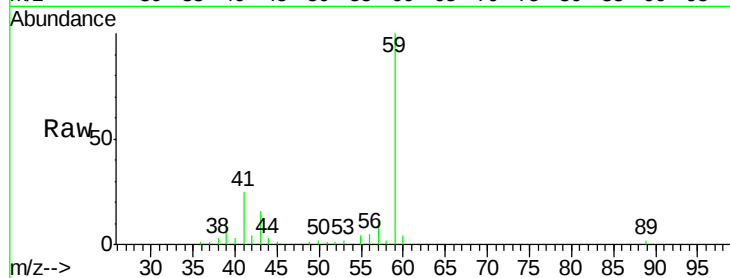


#11

Tert butyl alcohol
 Concen: 295.435 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.02 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

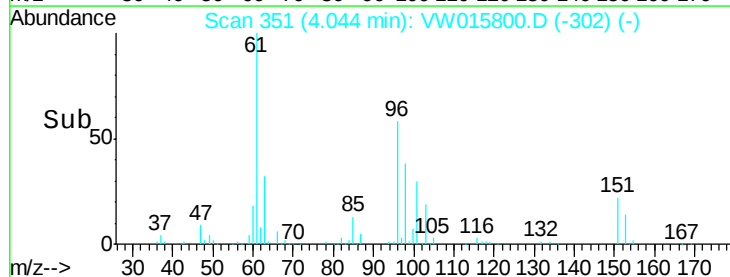
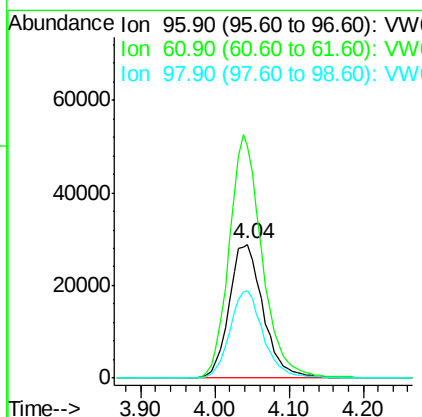
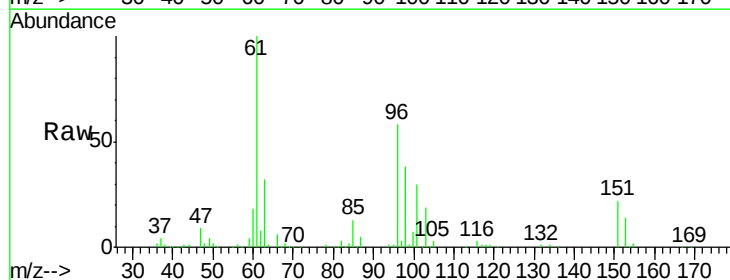
Tot Ion: 59 Resp: 32977
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.7 13.1

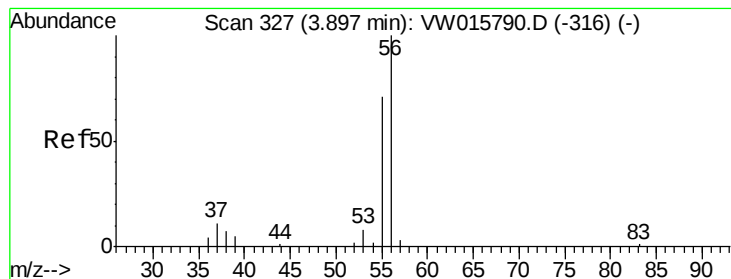


#12

1,1-Dichloroethene
 Concen: 48.678 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Tgt Ion: 96 Resp: 92735
 Ion Ratio Lower Upper
 96 100
 61 173.4 137.0 205.4
 98 65.8 49.3 73.9





#13

Acrolein

Concen: 235.965 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

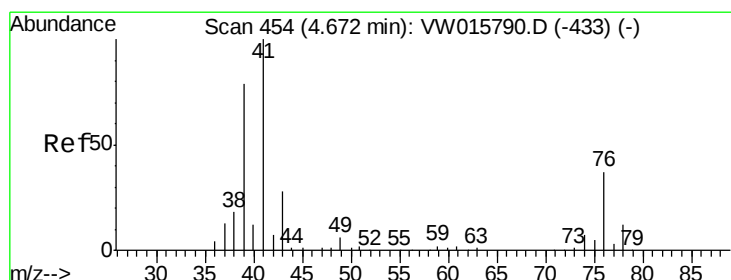
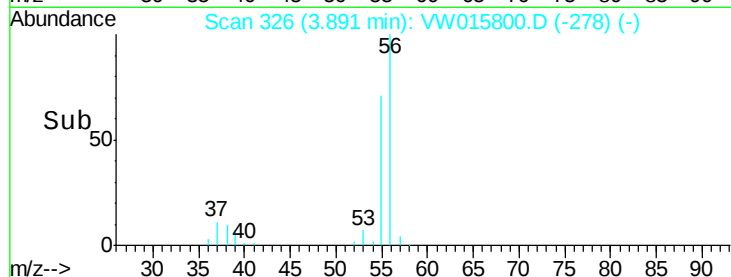
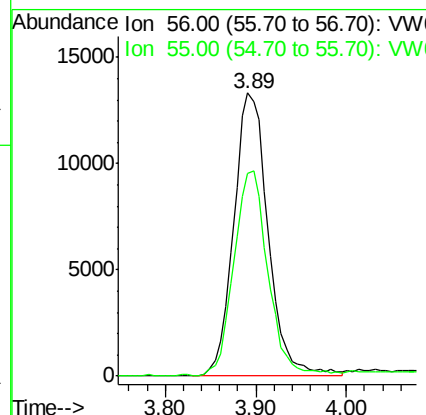
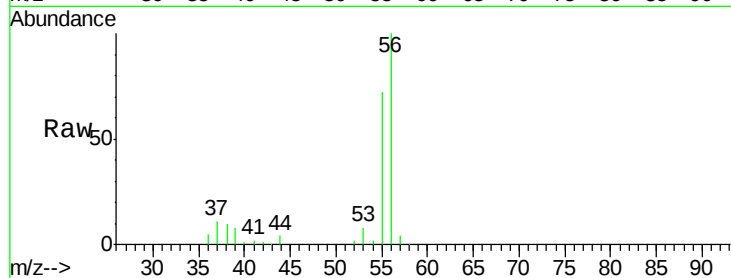
VSTDCCC050EC

Tot Ion: 56 Resp: 35155

Ion Ratio Lower Upper

56 100

55 72.6 55.8 83.6



#14

Allyl chloride

Concen: 50.771 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

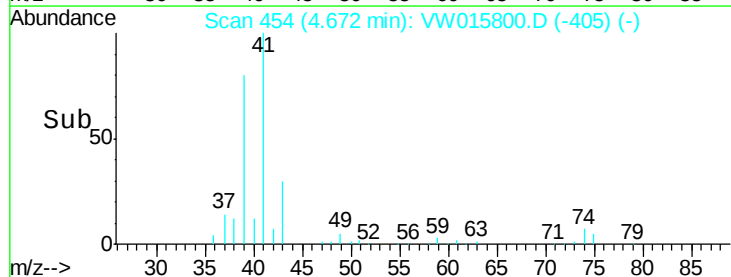
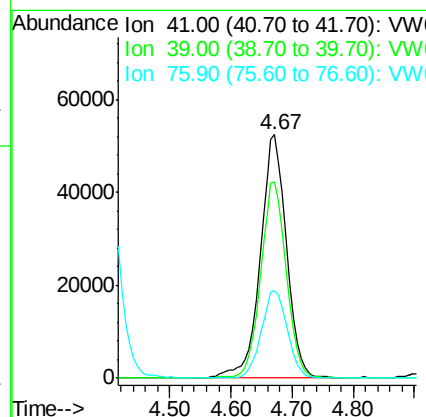
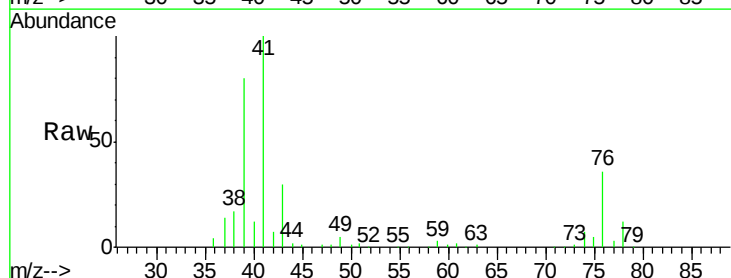
Tgt Ion: 41 Resp: 157206

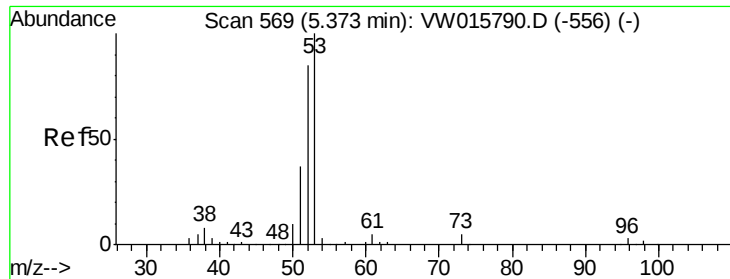
Ion Ratio Lower Upper

41 100

39 78.9 64.0 96.0

76 35.7 28.9 43.3





#15

Acrylonitrile

Concen: 268.919 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

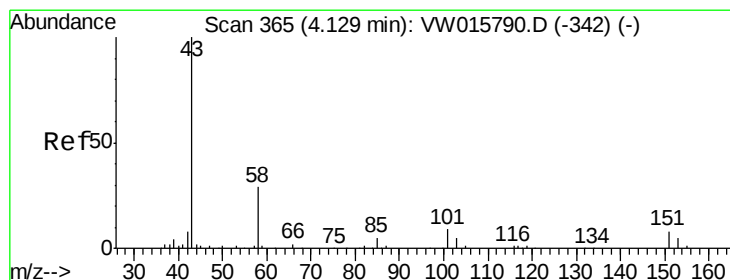
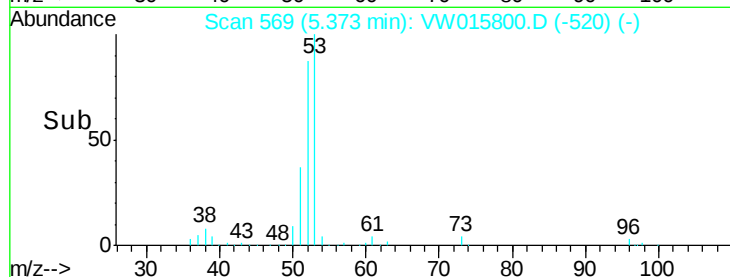
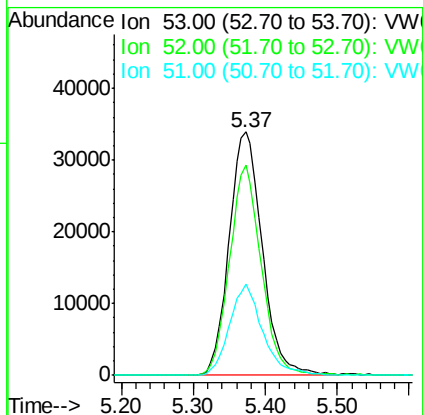
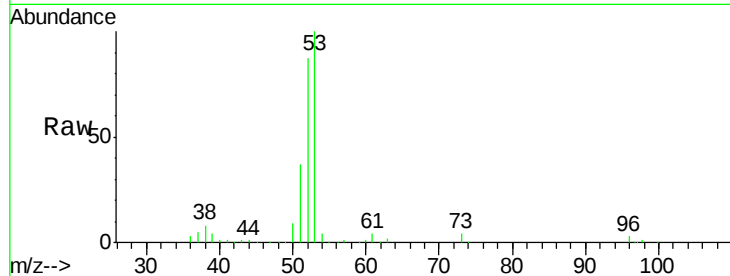
Tot Ion: 53 Resp: 108438

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.8

51 37.6 30.2 45.2



#16

Acetone

Concen: 252.180 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015800.D

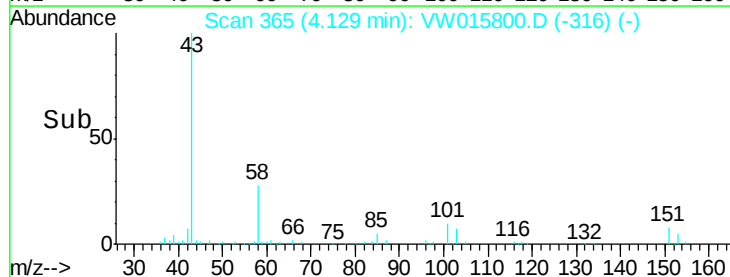
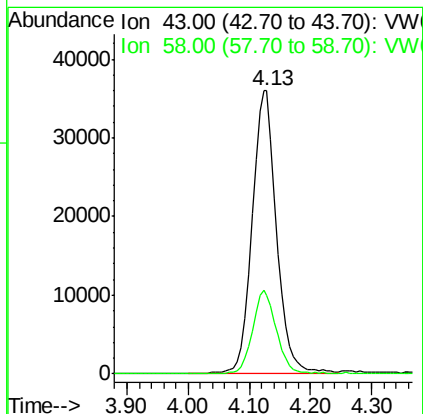
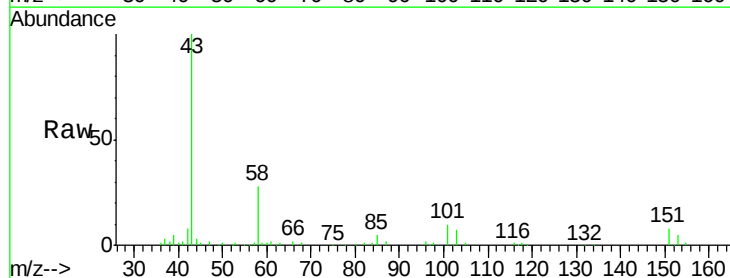
Acq: 07 Jul 2020 19:15

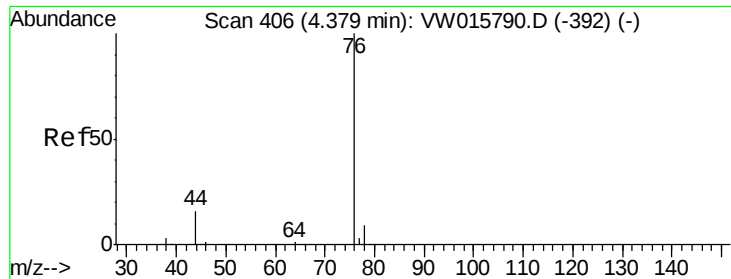
Tgt Ion: 43 Resp: 101337

Ion Ratio Lower Upper

43 100

58 27.7 23.5 35.3

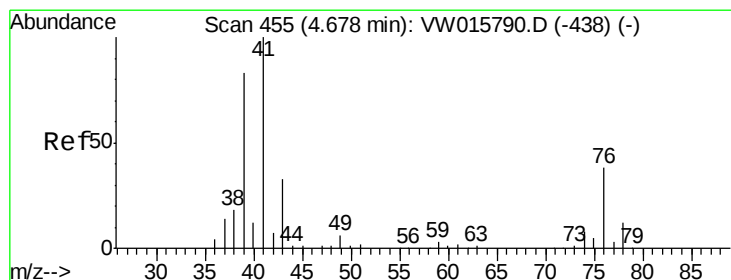
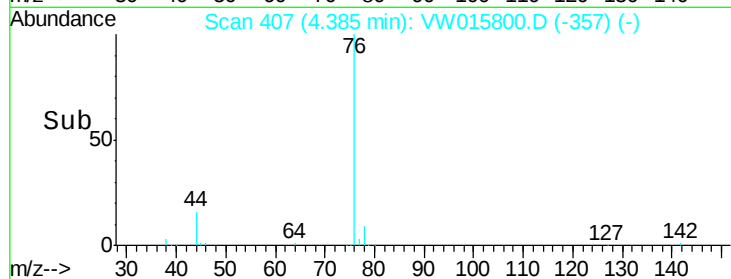
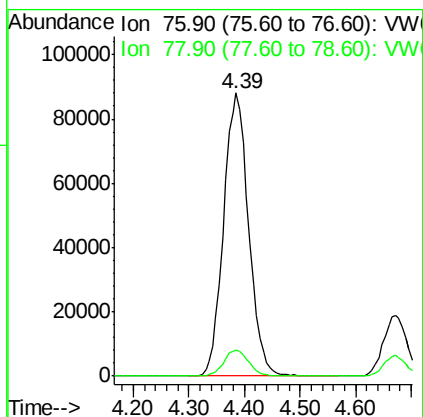
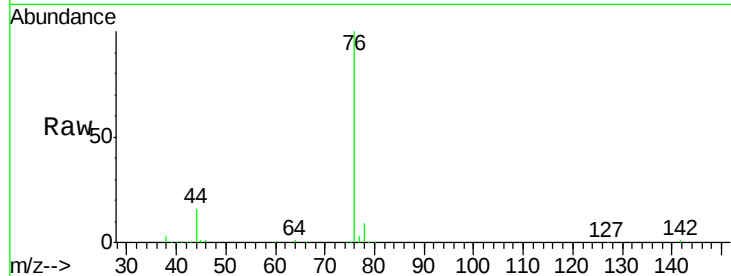




#17
Carbon Disulfide
Concen: 48.210 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

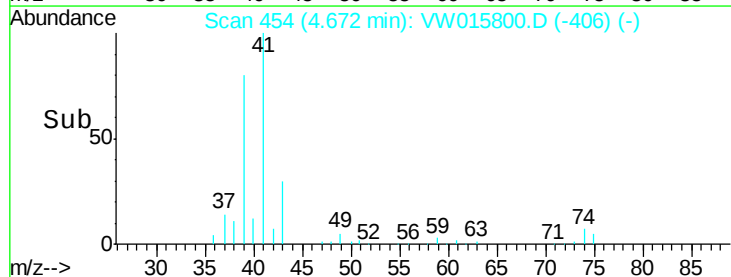
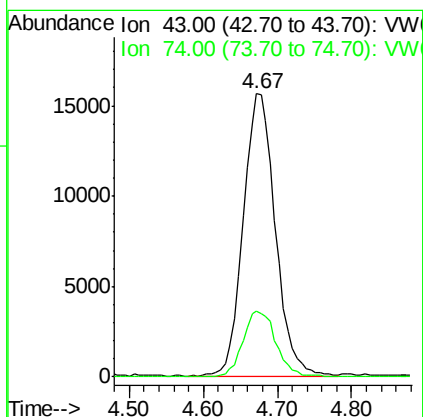
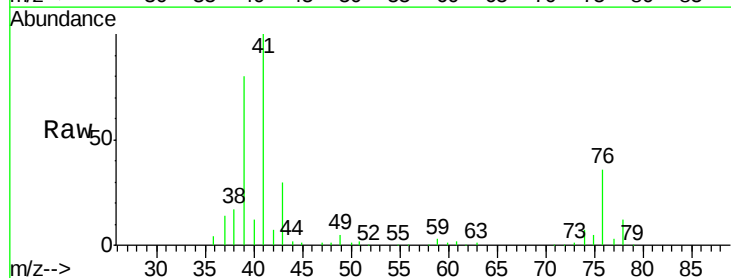
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

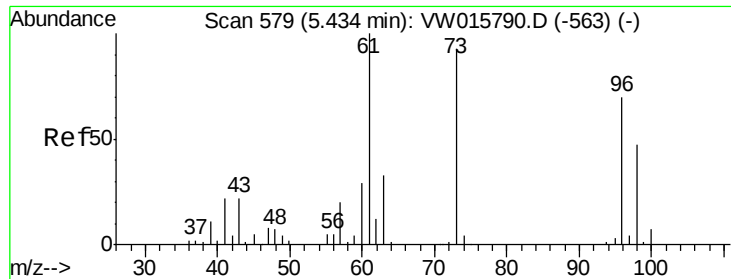
Tot Ion: 76 Resp: 273210
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 52.249 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 43 Resp: 47781
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8

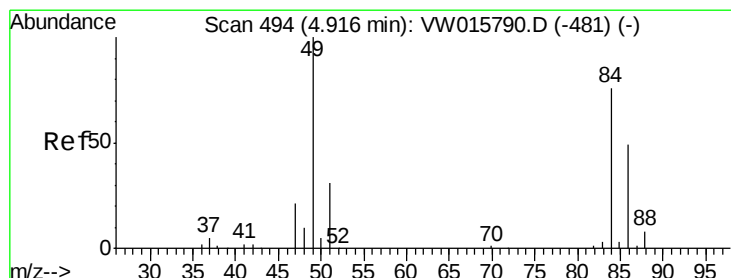
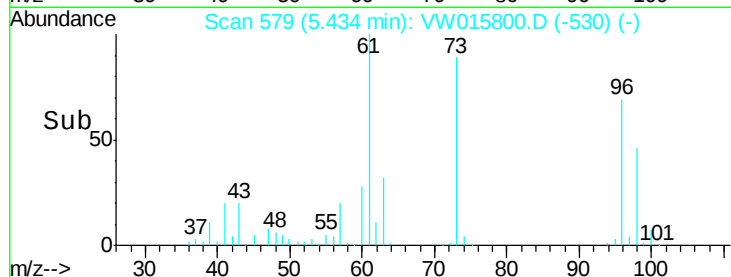
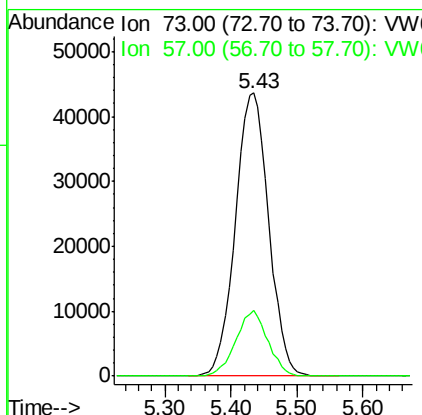
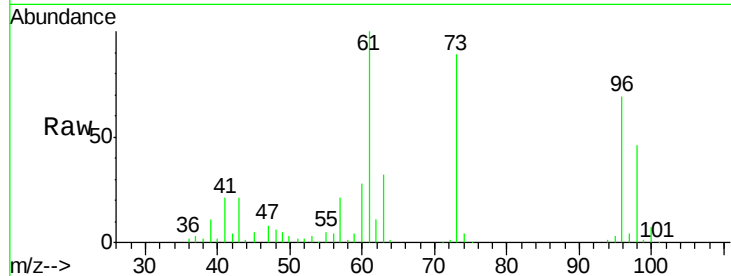




#19
Methvl tert-butvl Ether
Concen: 53.556 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

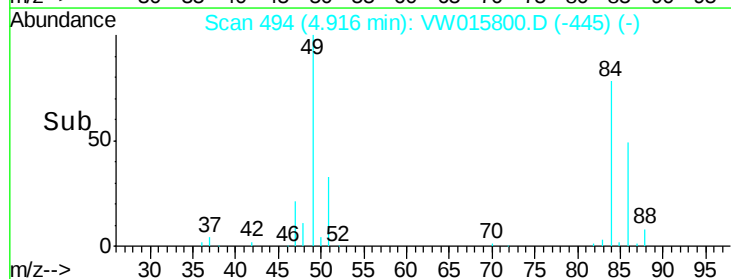
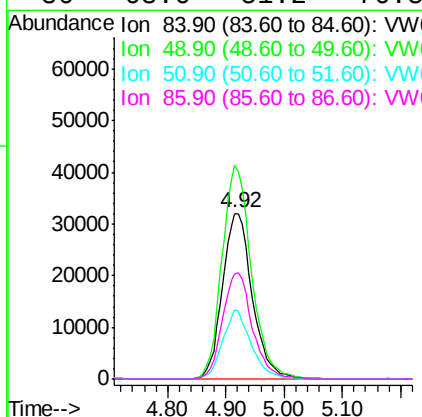
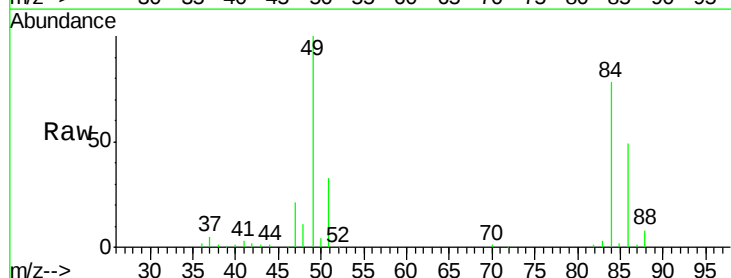
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

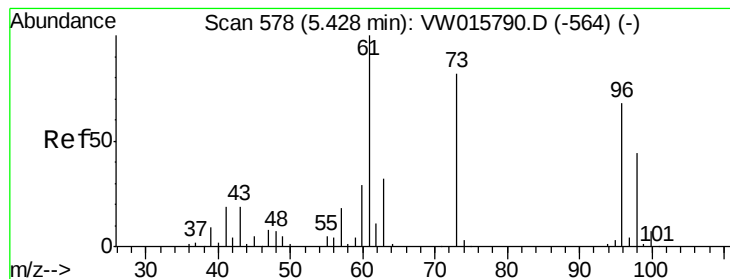
Tot Ion: 73 Resp: 152702
Ion Ratio Lower Upper
73 100
57 23.0 16.8 25.2



#20
Methylene Chloride
Concen: 55.608 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 84 Resp: 113730
Ion Ratio Lower Upper
84 100
49 129.0 105.0 157.6
51 42.0 32.3 48.5
86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.181 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

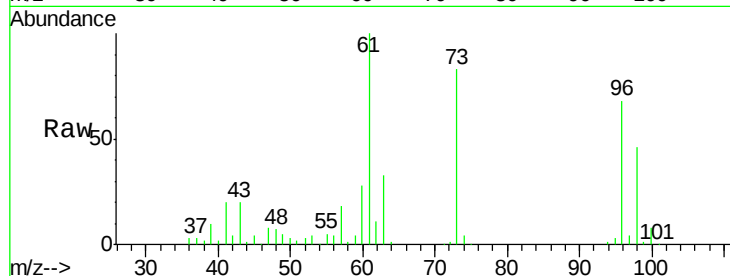
Tot Ion: 96 Resp: 108521

Ion Ratio Lower Upper

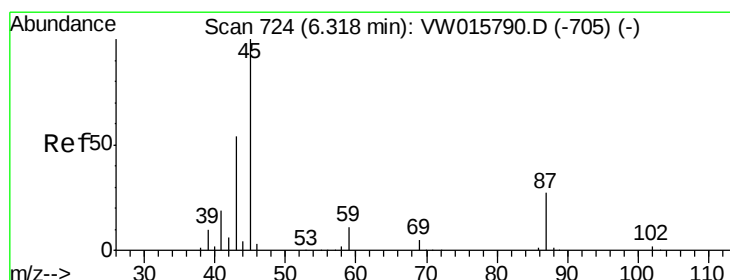
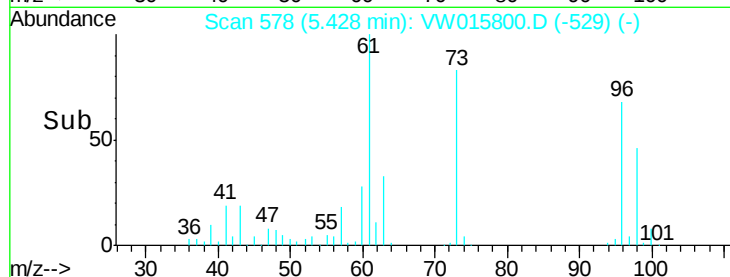
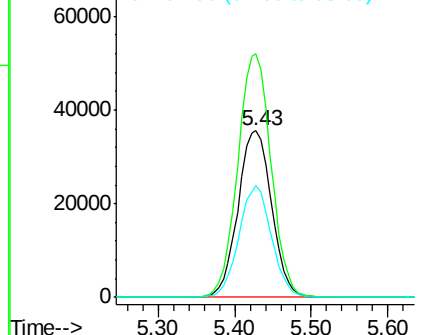
96 100

61 146.2 118.1 177.1

98 67.2 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: 51.695 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Tgt Ion: 45 Resp: 322562

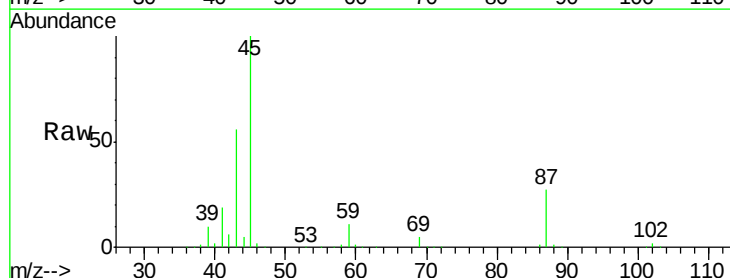
Ion Ratio Lower Upper

45 100

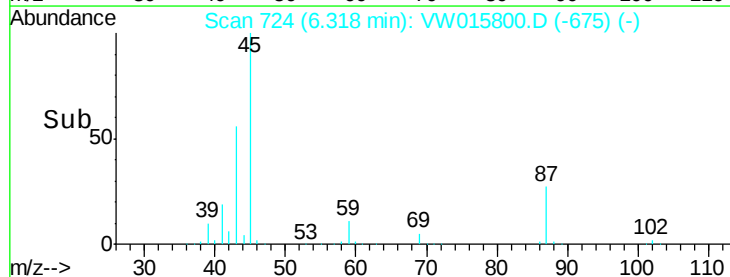
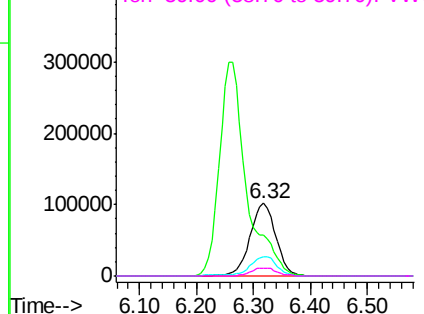
43 56.2 43.8 65.6

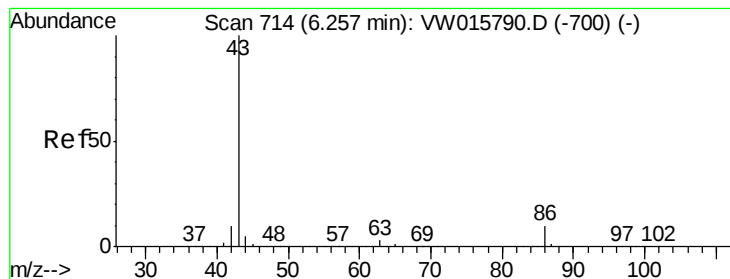
87 26.9 22.1 33.1

59 11.5 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: 266.506 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

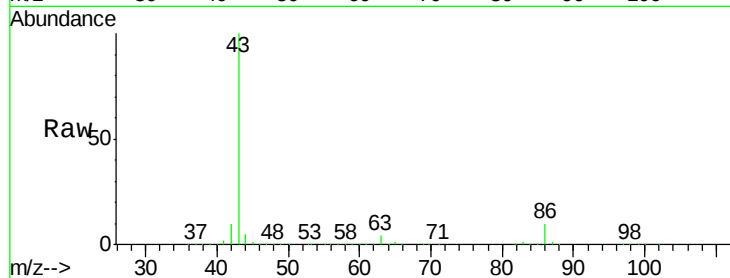
VSTDCCC050EC

Tot Ion: 43 Resp: 989091

Ion Ratio Lower Upper

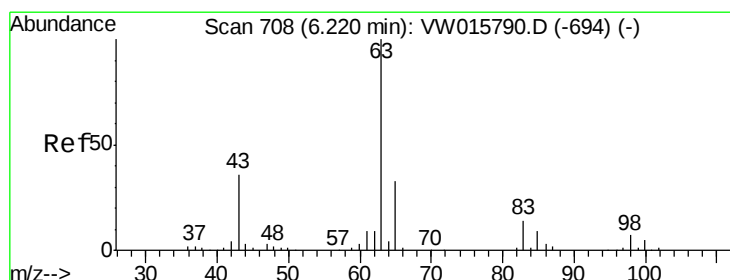
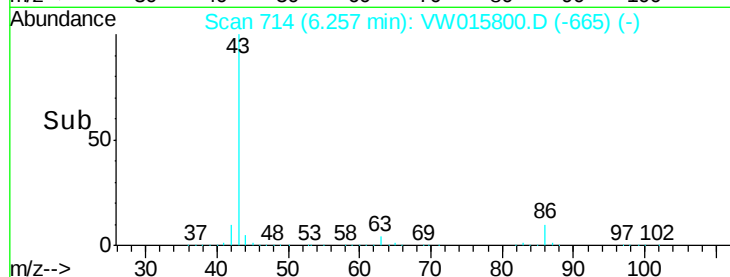
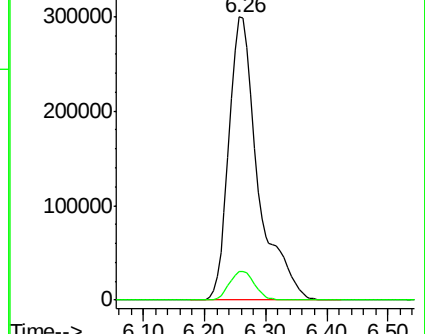
43 100

86 10.2 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: 49.103 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

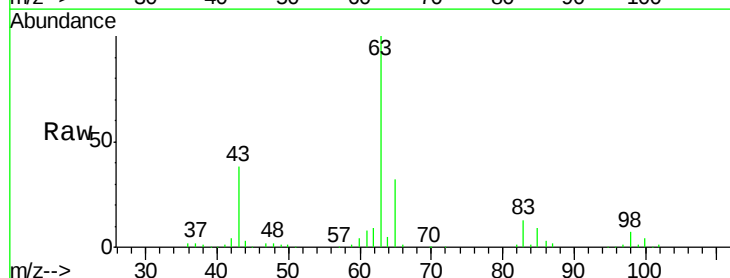
Tgt Ion: 63 Resp: 193985

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

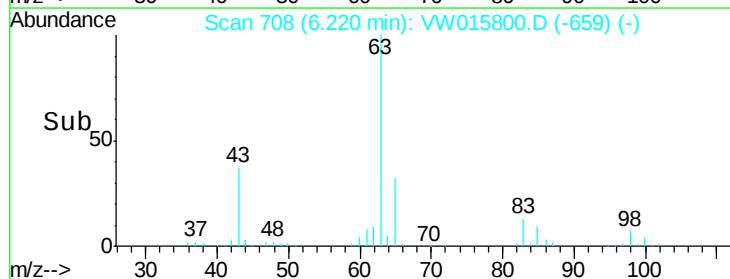
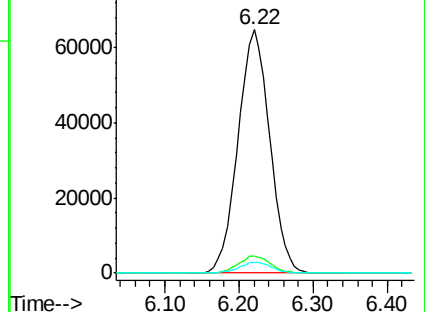
100 4.4 2.4 7.1

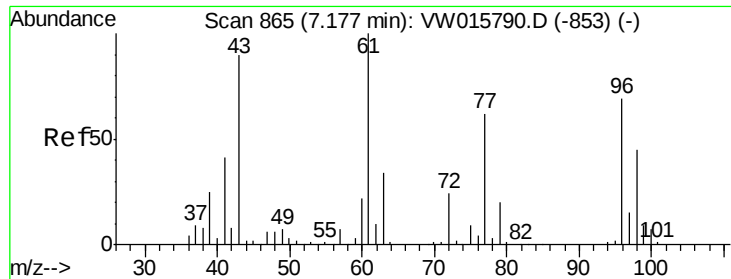


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

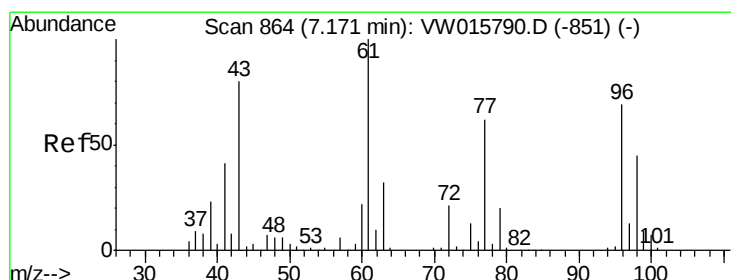
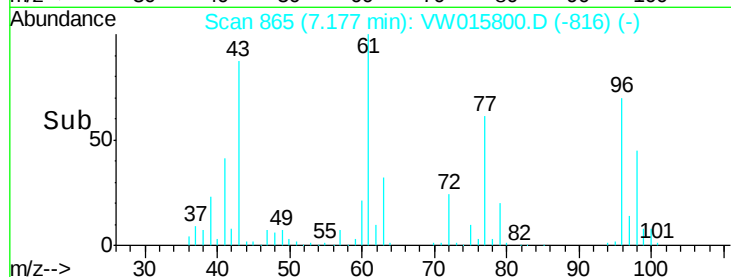
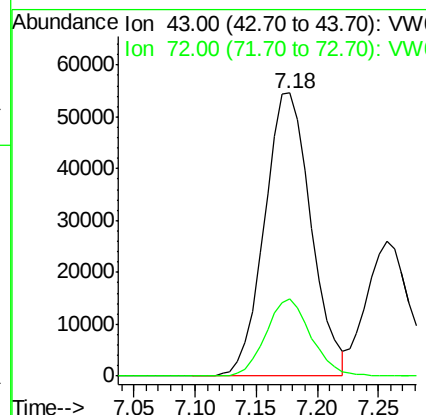
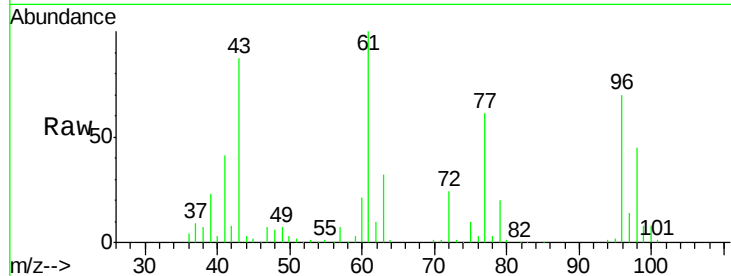




#25
2-Butanone
Concen: 264.392 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

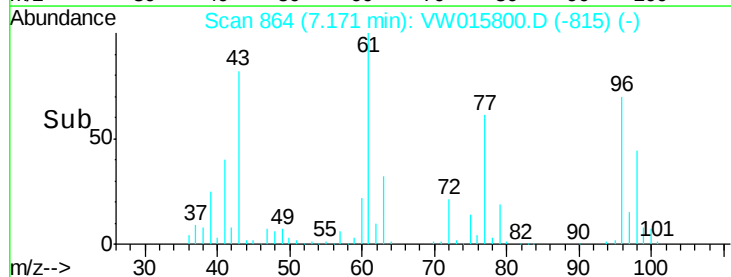
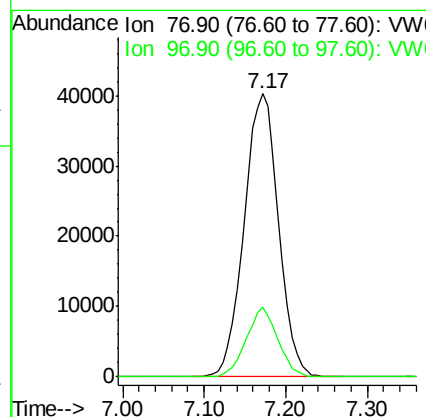
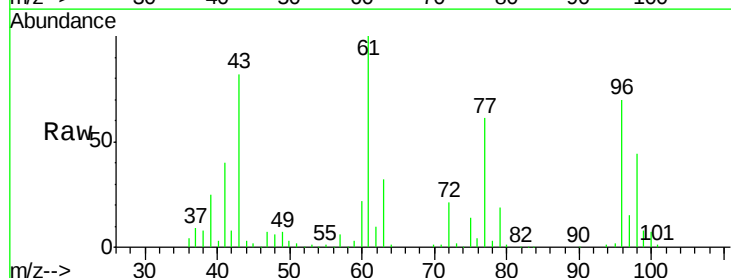
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

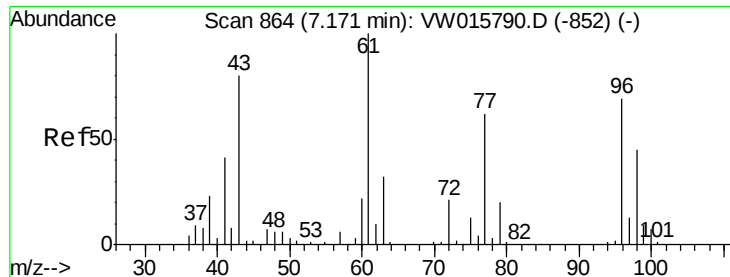
Tot Ion: 43 Resp: 144215
Ion Ratio Lower Upper
43 100
72 27.3 21.3 31.9



#26
2,2-Dichloropropane
Concen: 47.508 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 77 Resp: 117745
Ion Ratio Lower Upper
77 100
97 22.6 11.0 33.0



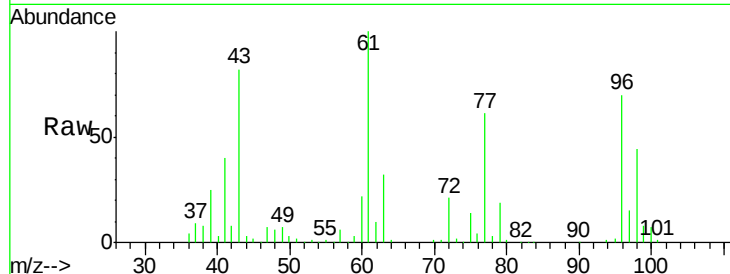


#27

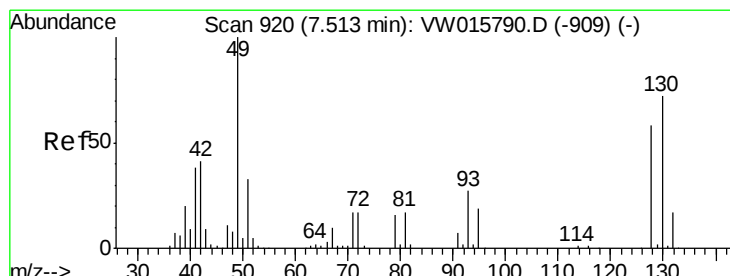
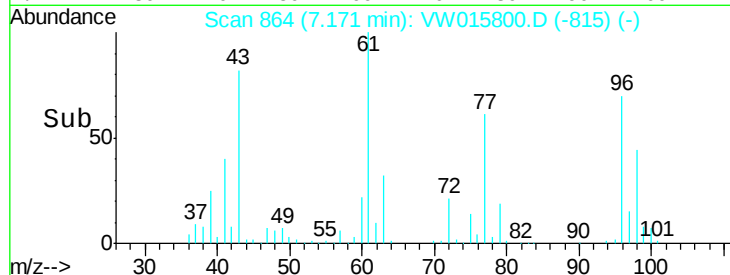
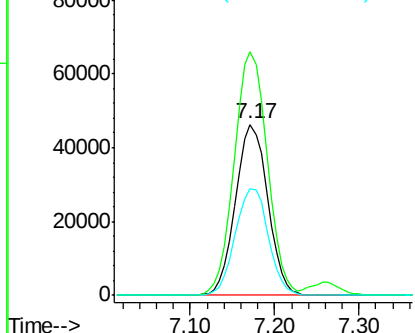
cis-1,2-Dichloroethene
 Concen: 50.604 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 119896
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 292.2
 98 64.2 0.0 129.0



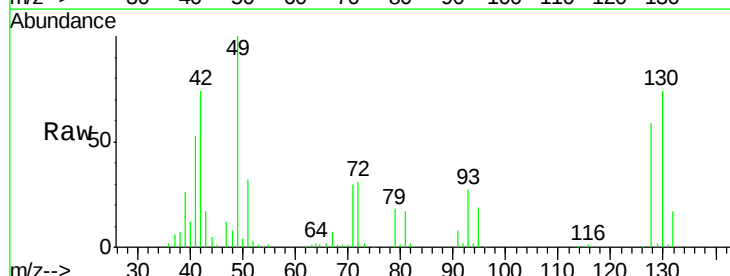
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



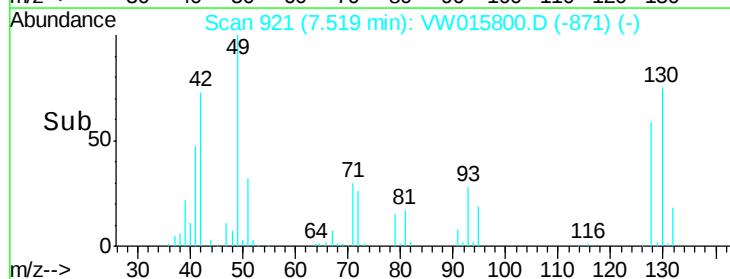
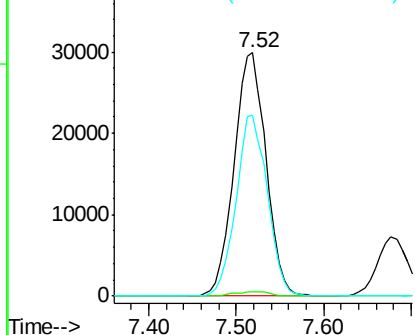
#28

Bromochloromethane
 Concen: 48.332 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Tgt Ion: 49 Resp: 75695
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.6
 130 73.1 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

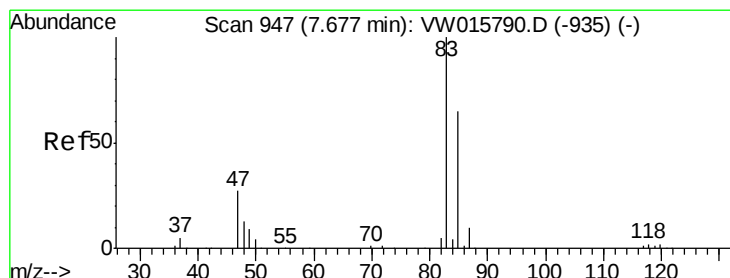
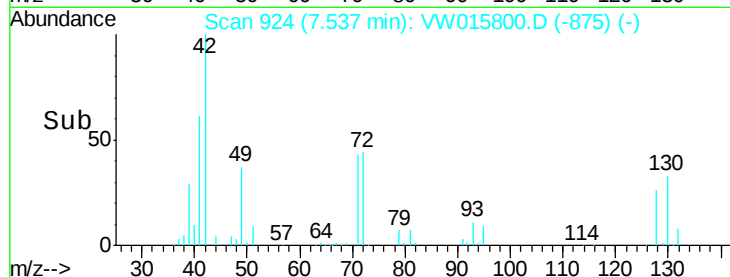
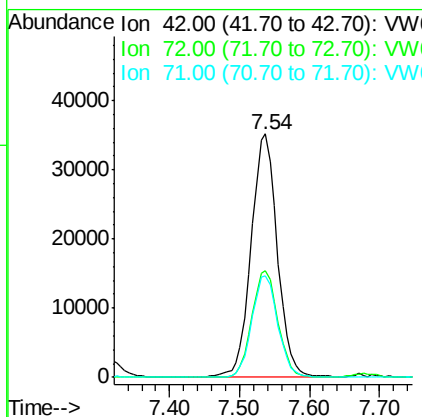
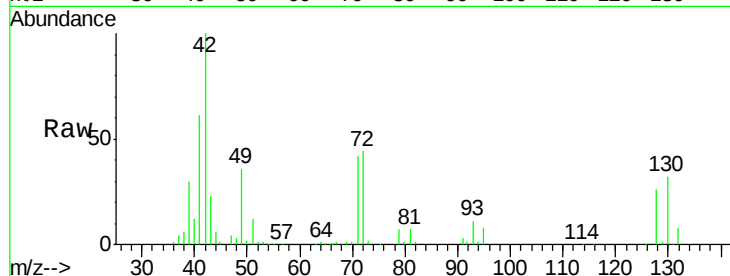




#29
Tetrahydrofuran
Concen: 277.941 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

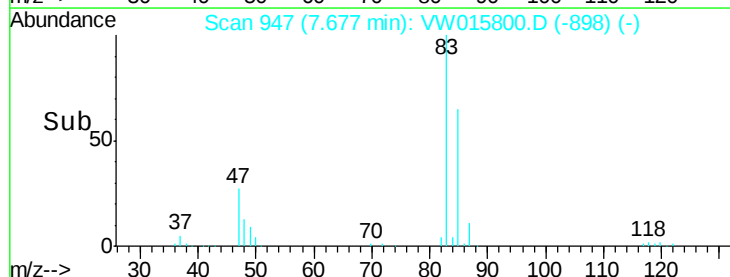
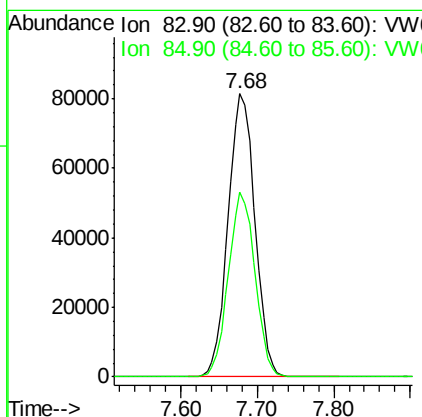
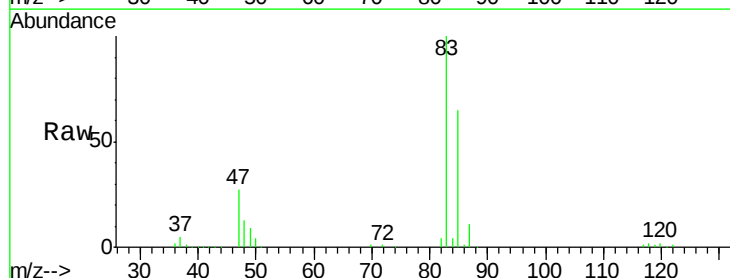
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

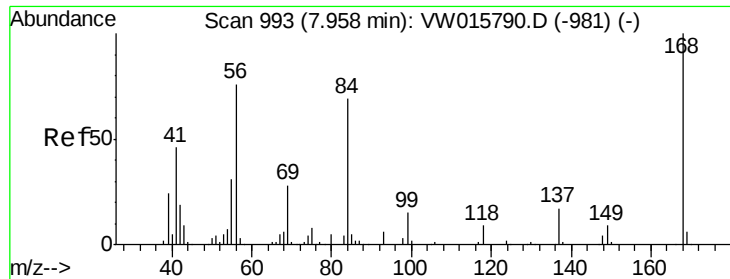
Tot Ion: 42 Resp: 91999
Ion Ratio Lower Upper
42 100
72 43.4 34.6 51.8
71 41.2 32.8 49.2



#30
Chloroform
Concen: 48.948 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 83 Resp: 197671
Ion Ratio Lower Upper
83 100
85 65.2 51.6 77.4

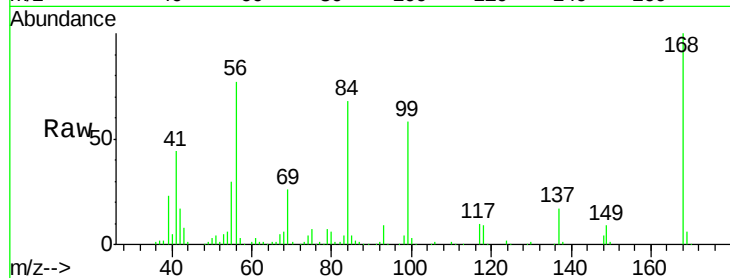




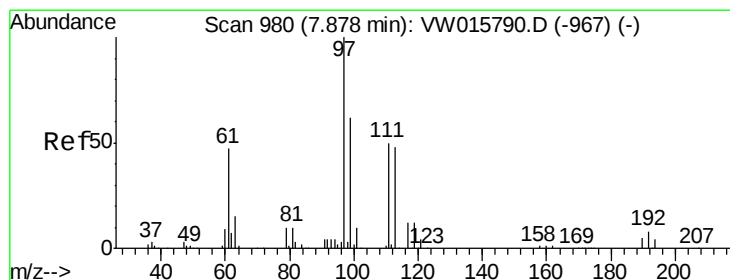
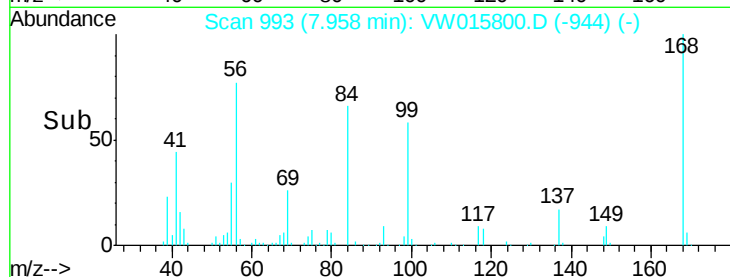
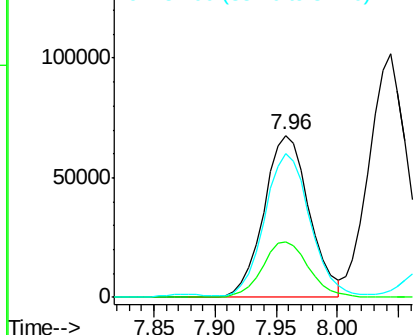
#31
Cyclohexane
Concen: 47.025 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 174841
Ion Ratio Lower Upper
56 100
69 34.0 28.9 43.3
84 87.2 72.2 108.4

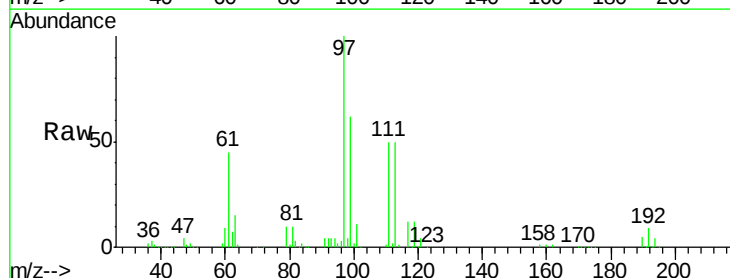


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

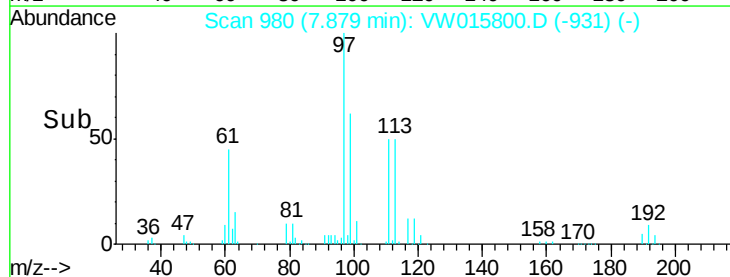
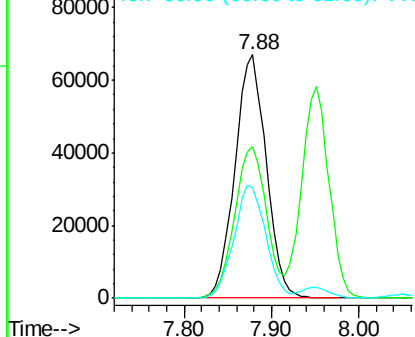


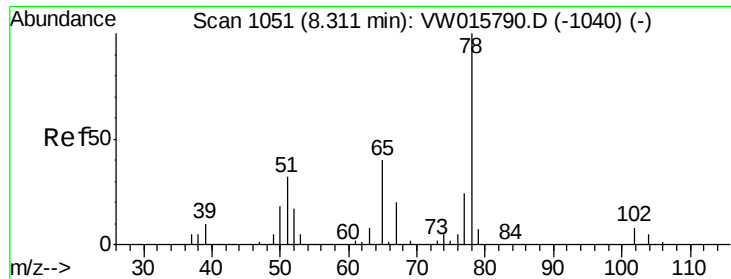
#32
1,1,1-Trichloroethane
Concen: 49.243 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 97 Resp: 166752
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 47.0 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: 49.246 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

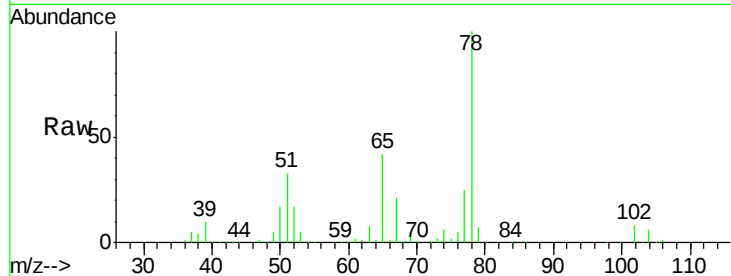
VSTDCCC050EC

Tot Ion: 65 Resp: 105763

Ion Ratio Lower Upper

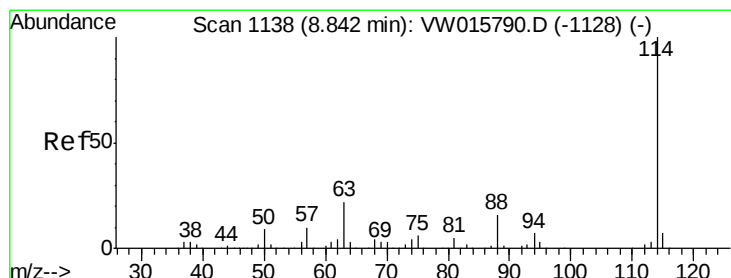
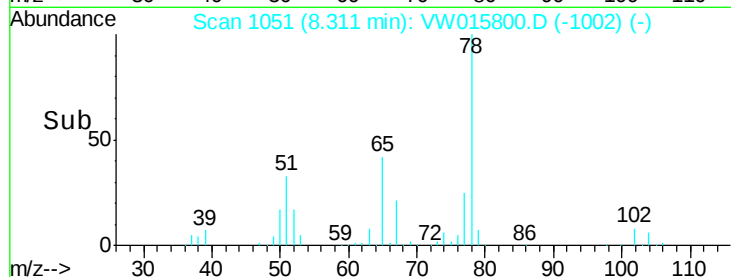
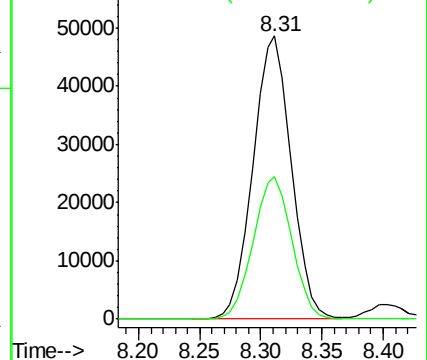
65 100

67 50.9 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

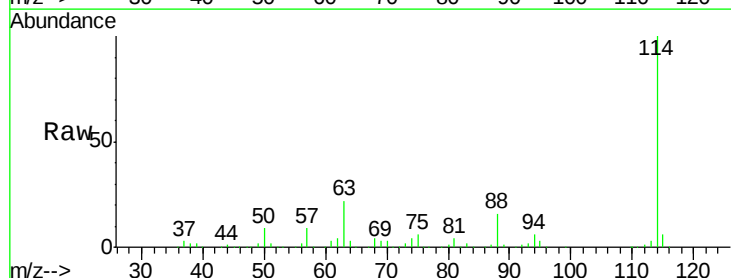
Tgt Ion: 114 Resp: 335105

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.4

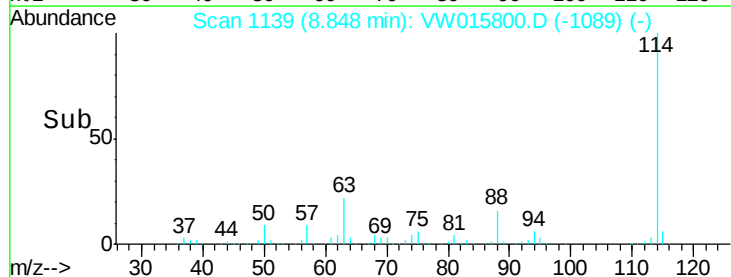
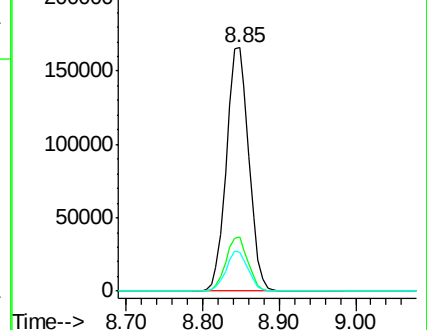
88 16.1 0.0 32.6

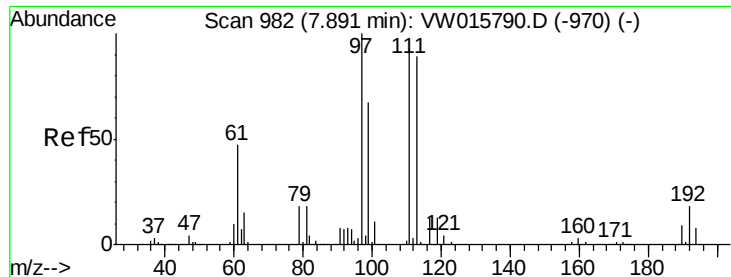


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

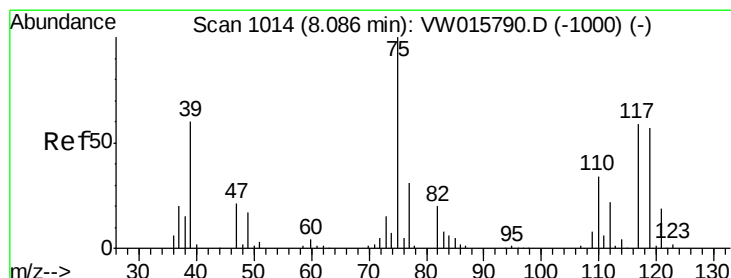
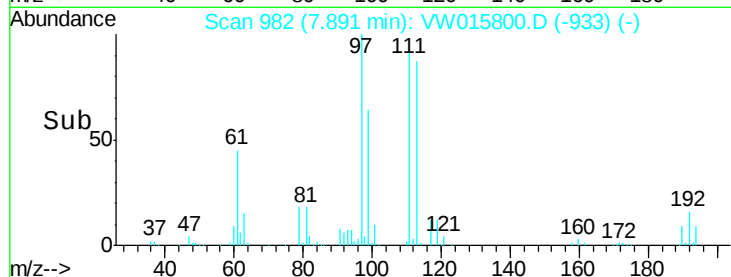
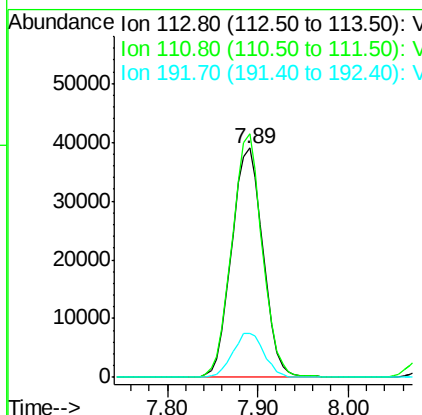
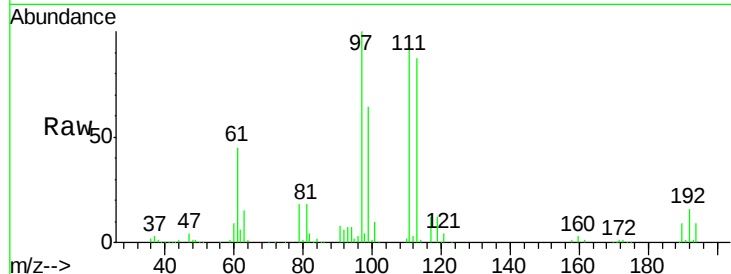




#35
 Dibromofluoromethane
 Concen: 47.924 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

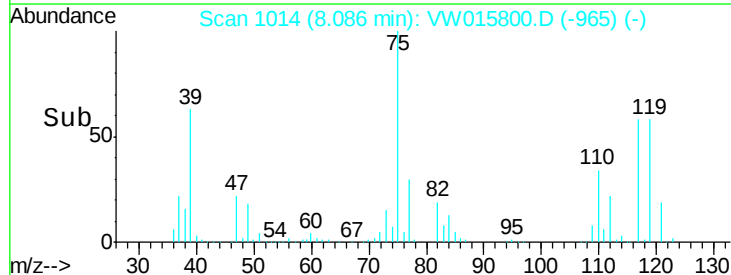
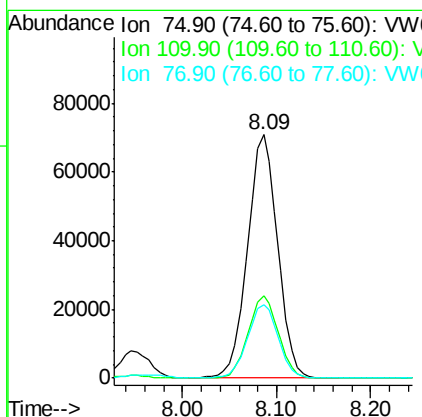
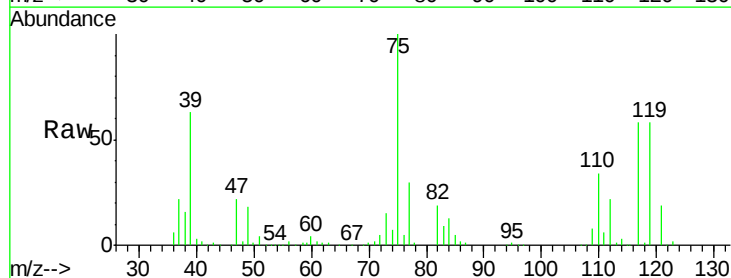
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

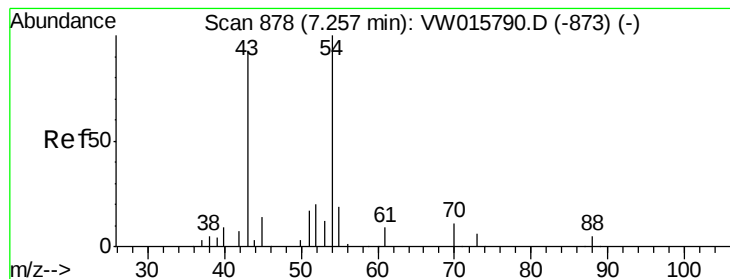
Tot Ion:113 Resp: 93695
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.8 124.2
 192 19.2 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 48.125 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Tgt Ion: 75 Resp: 158972
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.8 50.3
 77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 51.201 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

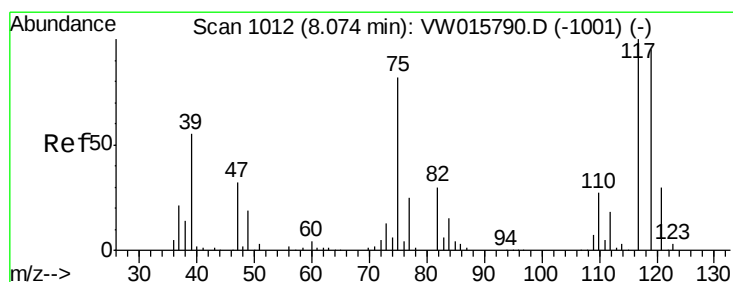
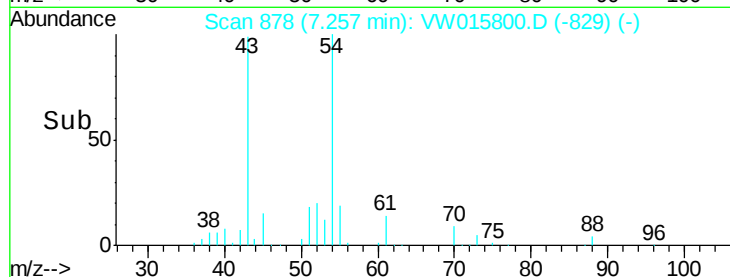
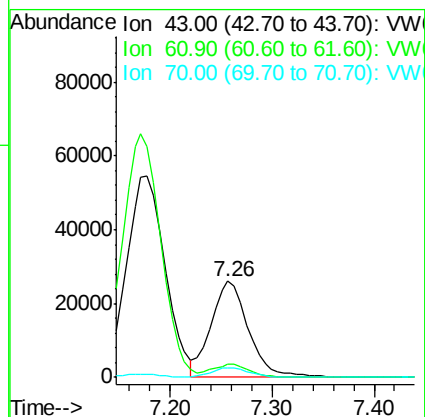
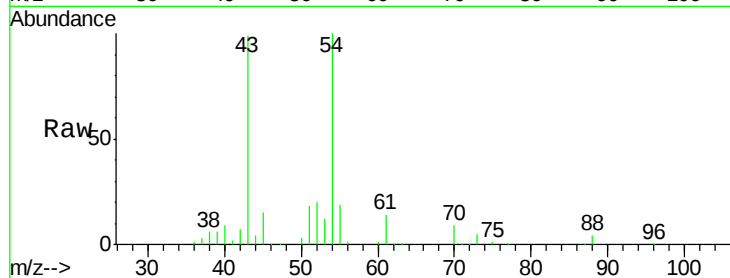
Tot Ion: 43 Resp: 65719

Ion Ratio Lower Upper

43 100

61 13.9 10.4 15.6

70 10.3 8.4 12.6



#38

Carbon Tetrachloride

Concen: 47.810 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

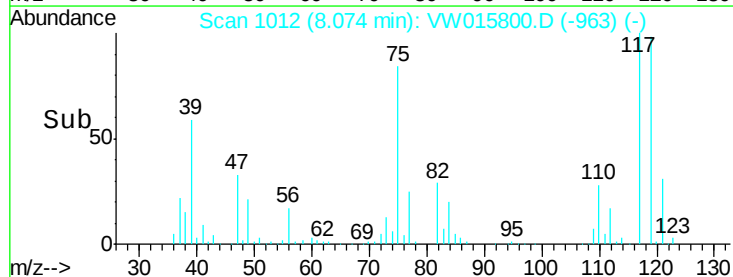
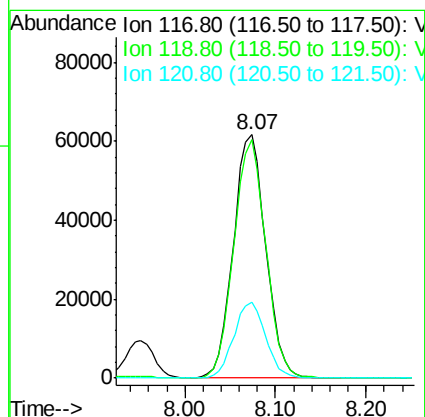
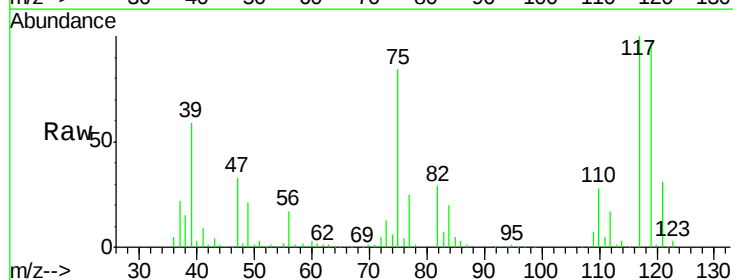
Tgt Ion: 117 Resp: 152821

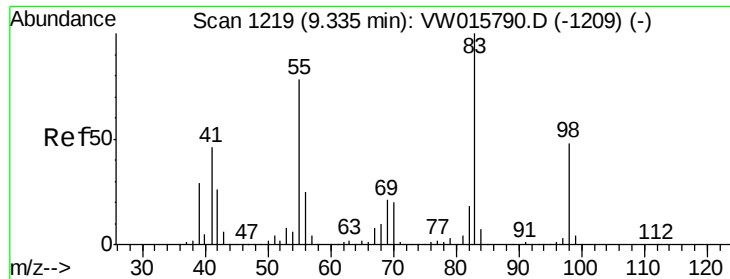
Ion Ratio Lower Upper

117 100

119 98.0 76.3 114.5

121 31.2 24.0 36.0

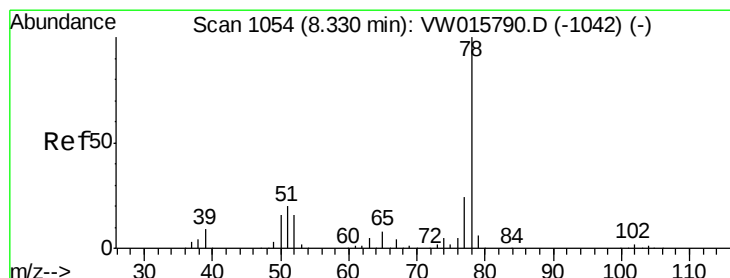
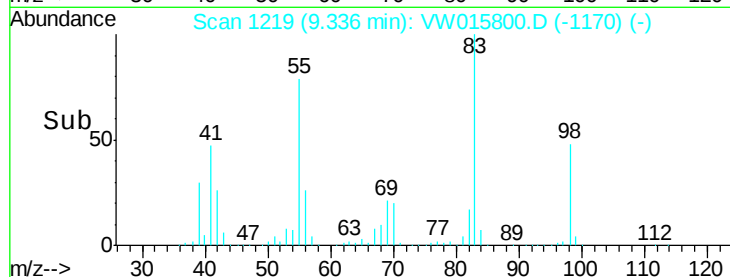
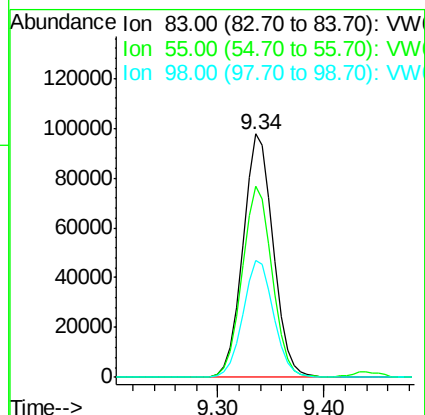
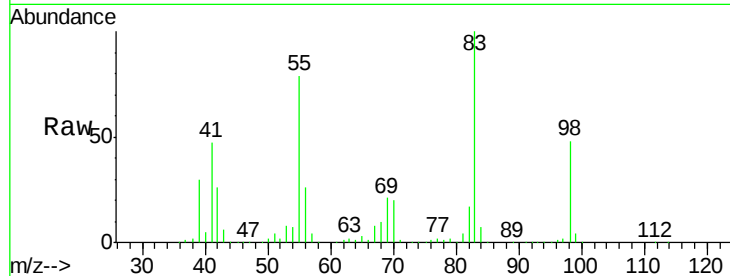




#39
Methvlcvclohexane
Concen: 50.066 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

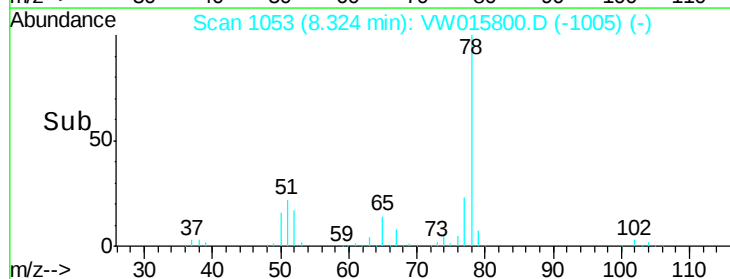
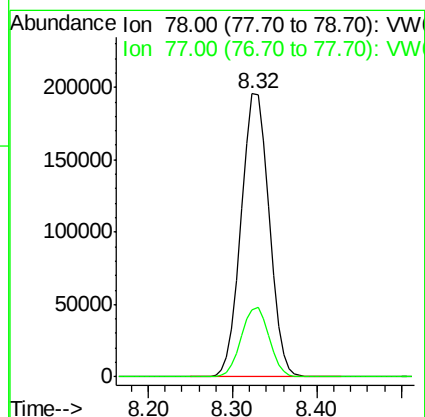
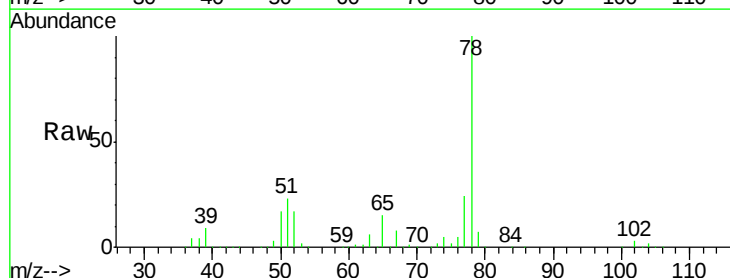
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 195154
Ion Ratio Lower Upper
83 100
55 78.5 62.6 94.0
98 47.8 38.6 58.0



#40
Benzene
Concen: 48.515 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 78 Resp: 439004
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

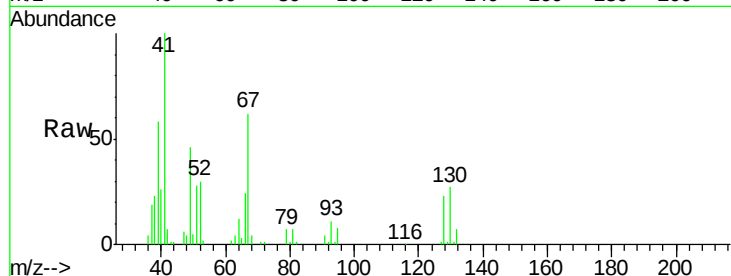




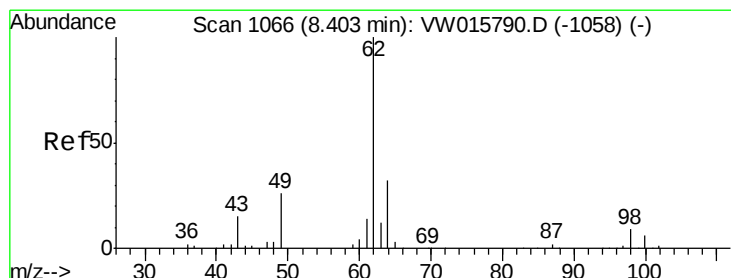
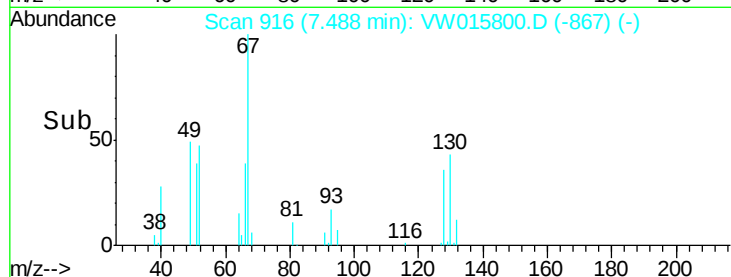
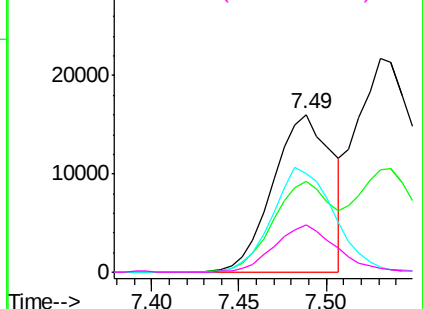
#41
Methacrylonitrile
Concen: 52.017 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	37905
Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.6	66.8
67	70.0	56.4	84.6
52	31.6	25.4	38.2

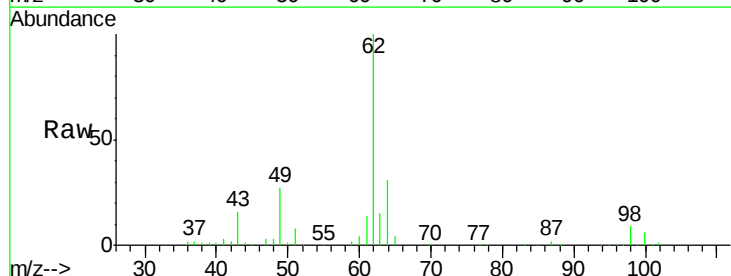


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

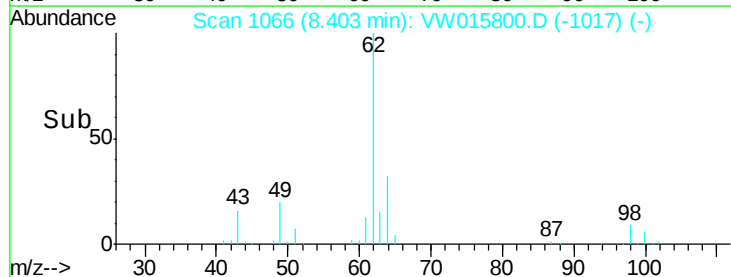
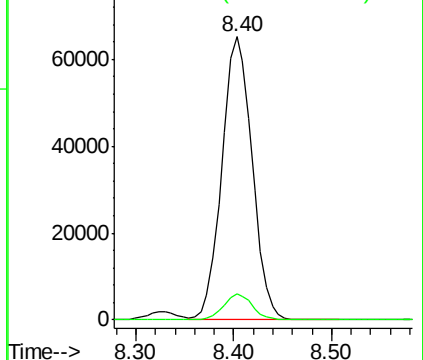


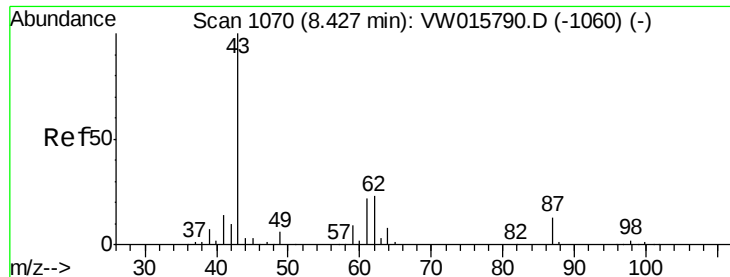
#42
1,2-Dichloroethane
Concen: 49.723 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion:	62	Resp:	140033
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: 52.181 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

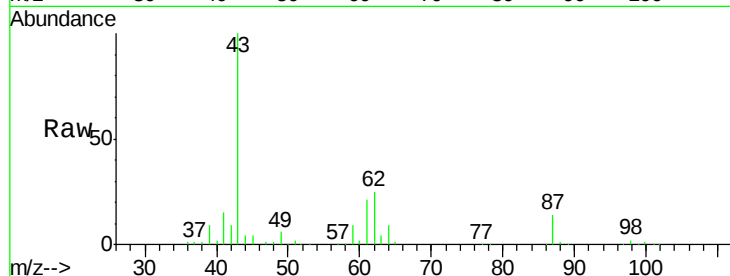
Tot Ion: 43 Resp: 130736

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

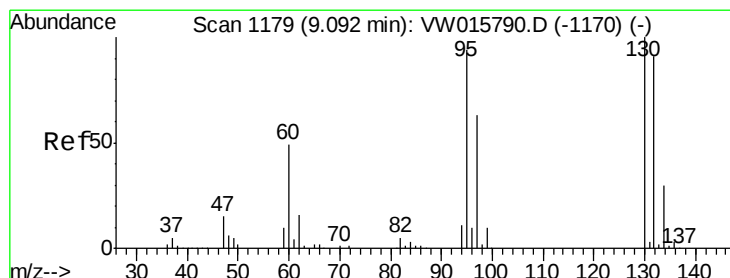
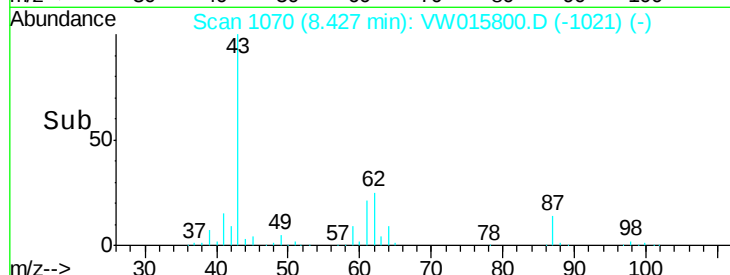
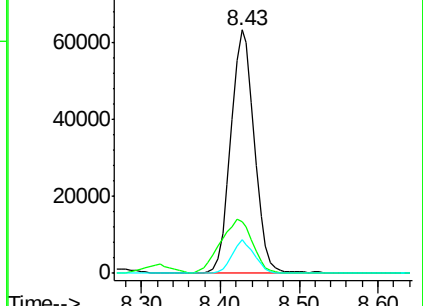
87 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.077 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015800.D

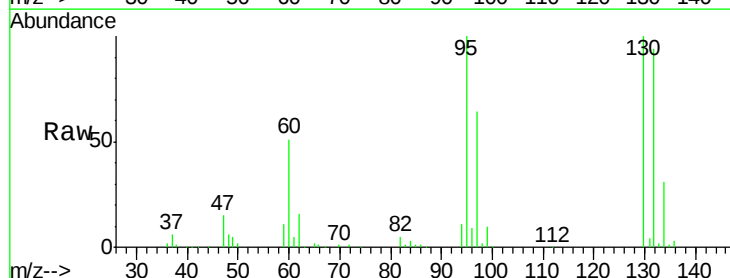
Acq: 07 Jul 2020 19:15

Tgt Ion: 130 Resp: 115067

Ion Ratio Lower Upper

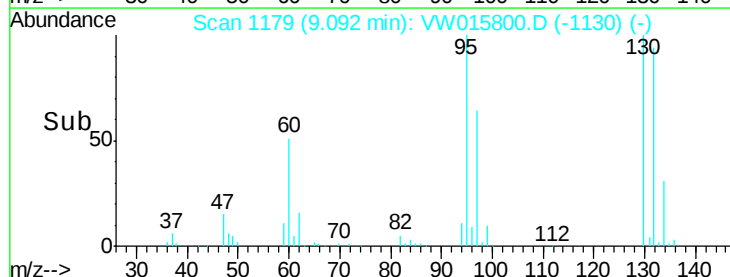
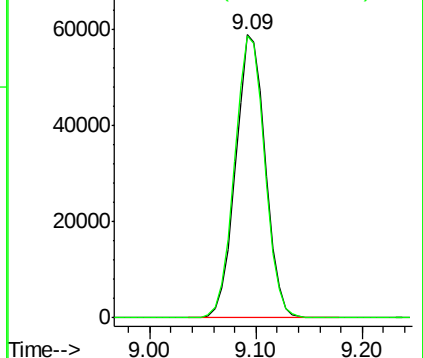
130 100

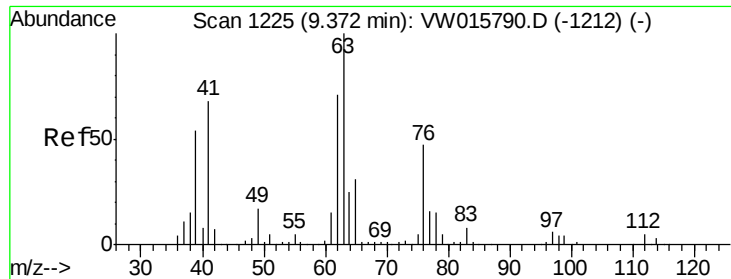
95 99.5 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

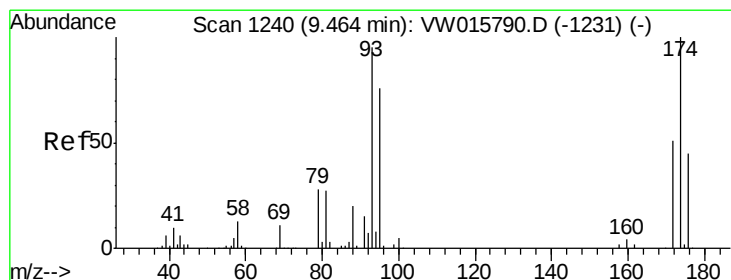
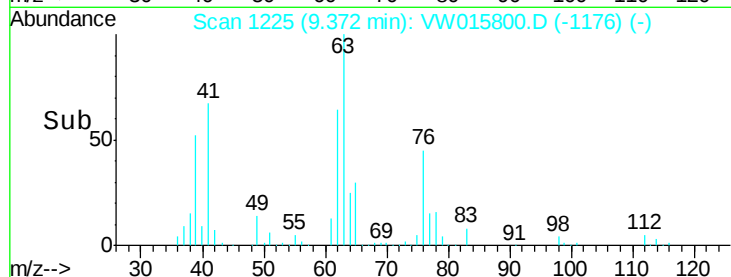
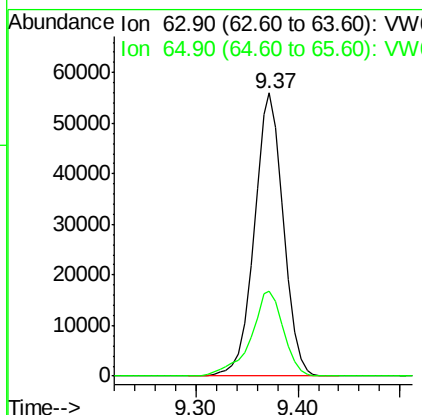
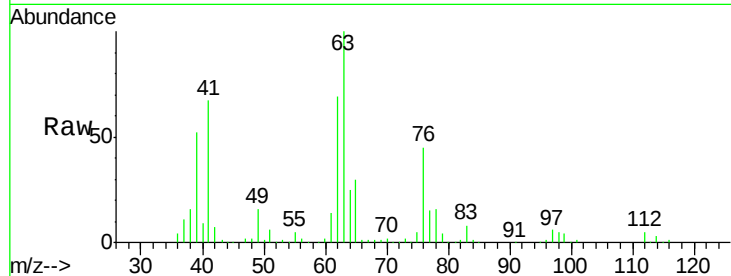




#45
 1,2-Dichloropropane
 Concen: 49.749 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

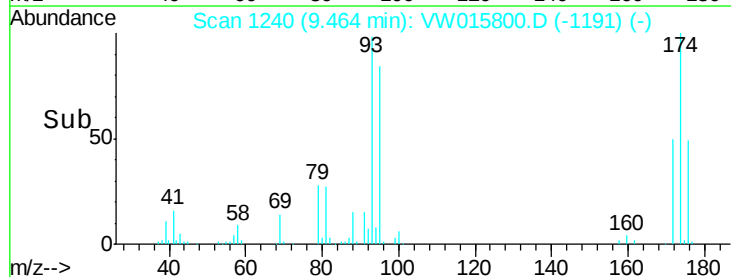
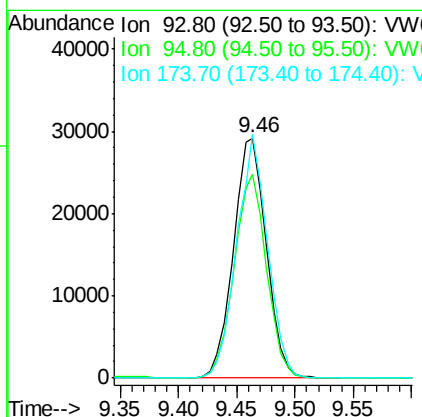
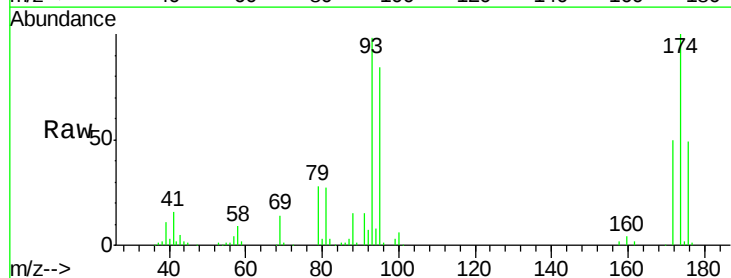
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 110650
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.5 36.7



#46
 Dibromomethane
 Concen: 50.157 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Tgt Ion: 93 Resp: 57434
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.0 99.0
 174 95.5 78.7 118.1

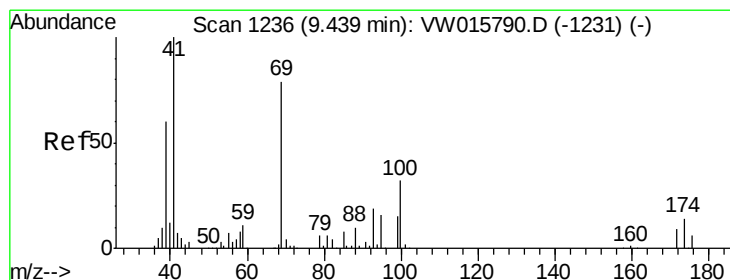
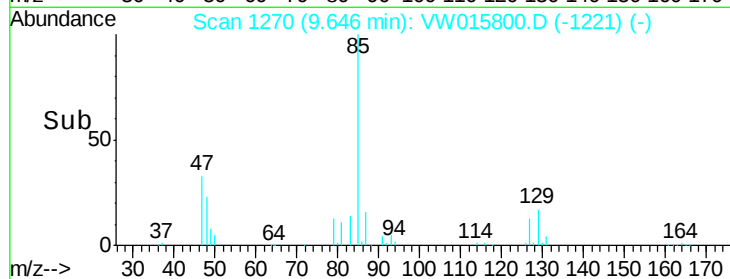
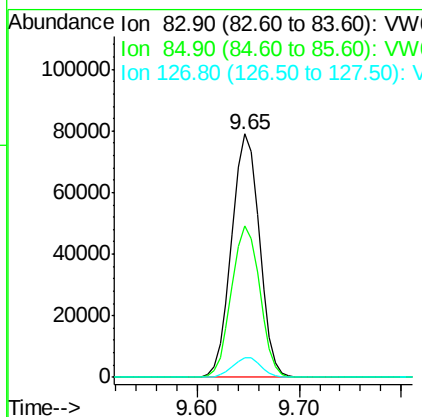
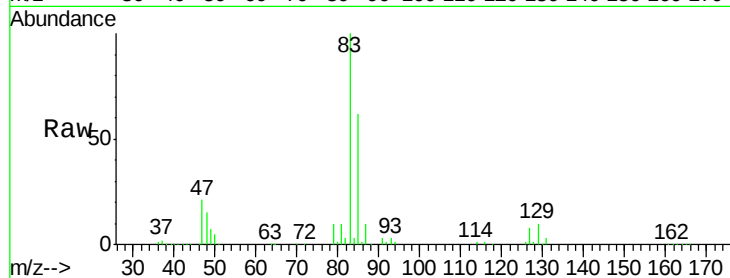




#47
Bromodichloromethane
Concen: 50.432 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

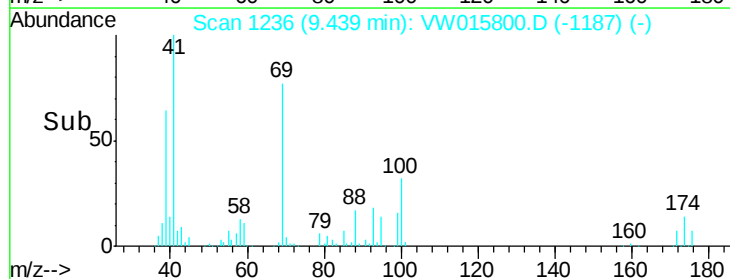
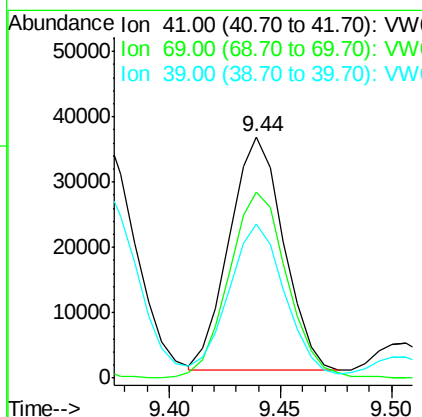
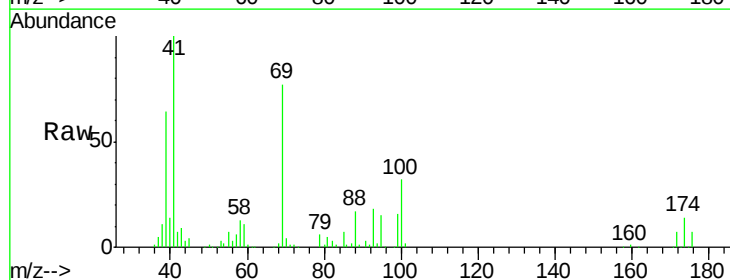
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

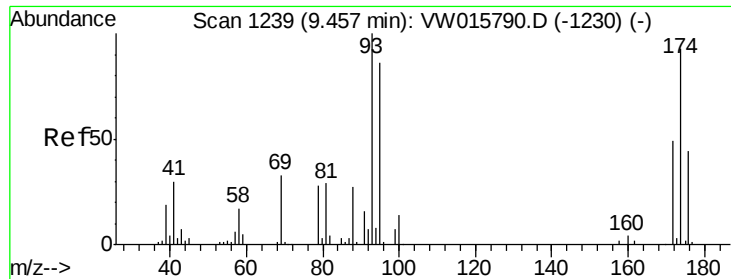
Tot Ion: 83 Resp: 149371
Ion Ratio Lower Upper
83 100
85 62.1 50.6 76.0
127 7.9 6.2 9.2



#48
Methyl methacrylate
Concen: 52.749 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 41 Resp: 60568
Ion Ratio Lower Upper
41 100
69 85.5 67.1 100.7
39 64.7 49.9 74.9

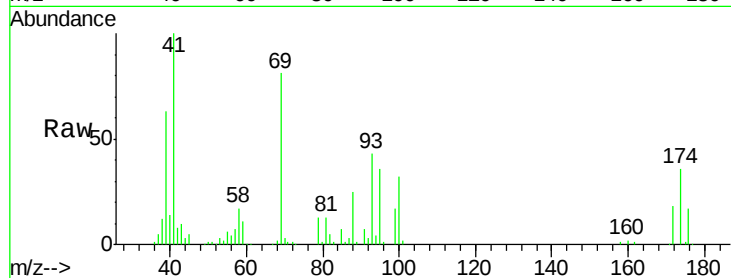




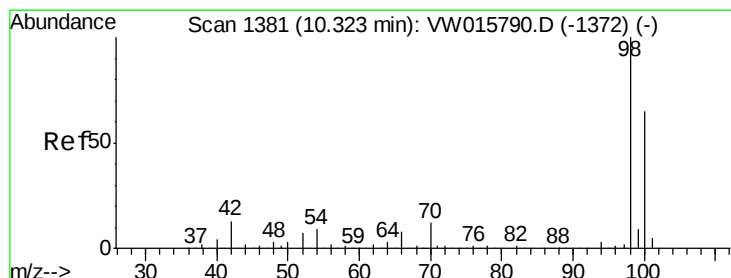
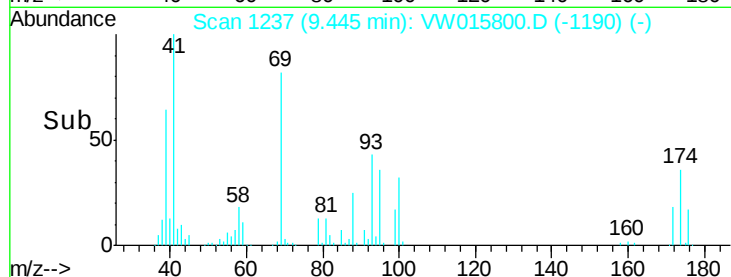
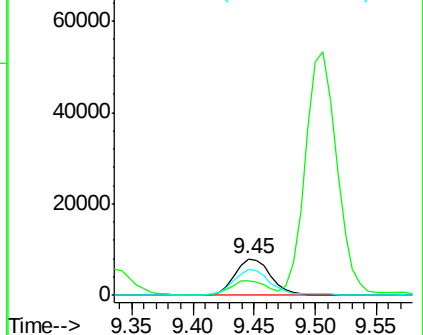
#49
1,4-Dioxane
Concen: 1163.599 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 16473
Ion Ratio Lower Upper
88 100
43 39.1 28.1 42.1
58 73.4 59.3 88.9

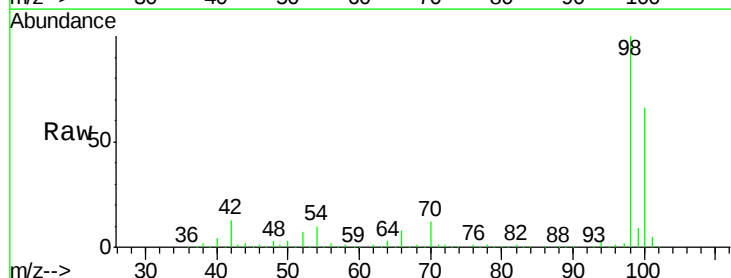


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

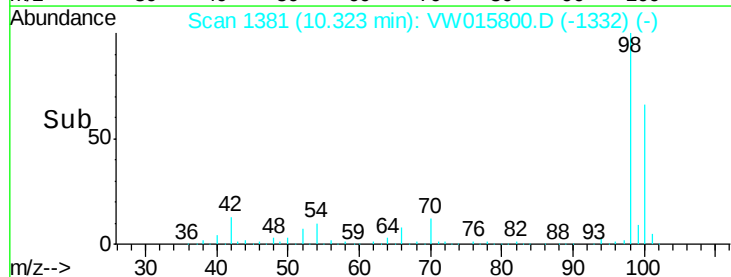
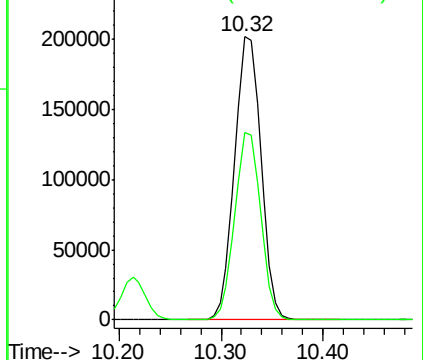


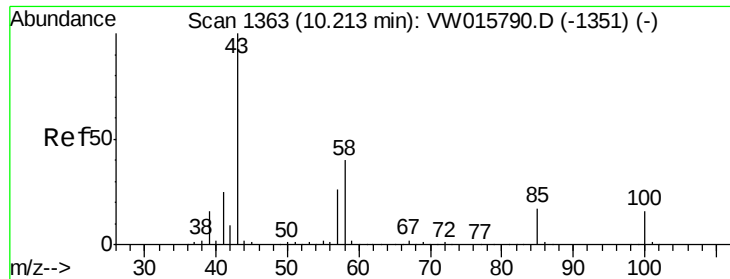
#50
Toluene-d8
Concen: 48.299 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 98 Resp: 362707
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0



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

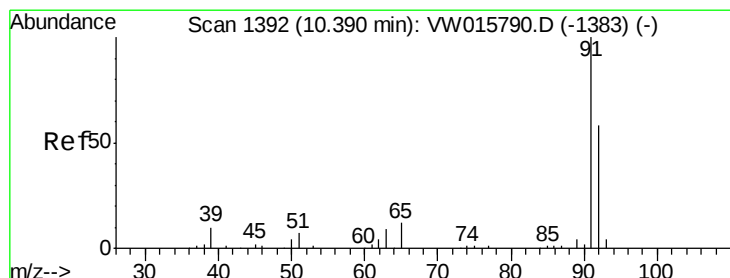
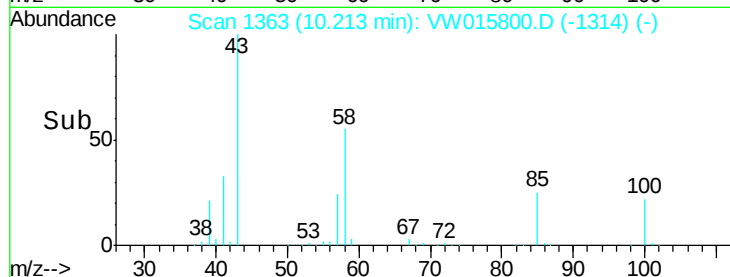
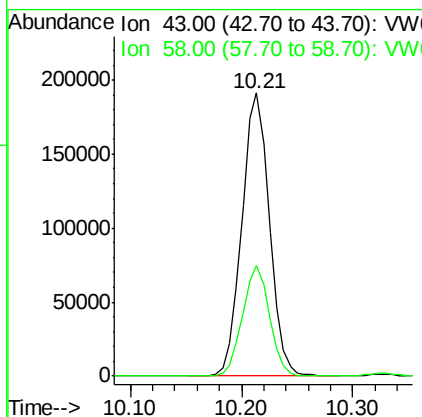
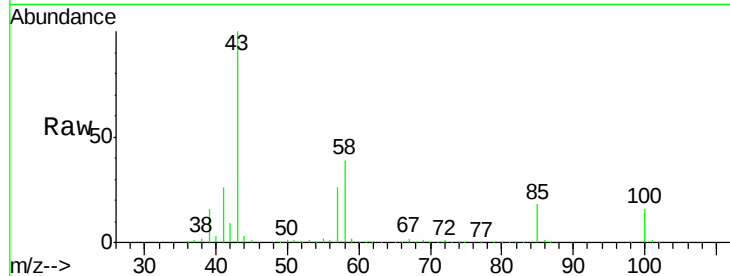




#51
4-Methyl-2-Pentanone
Concen: 268.480 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

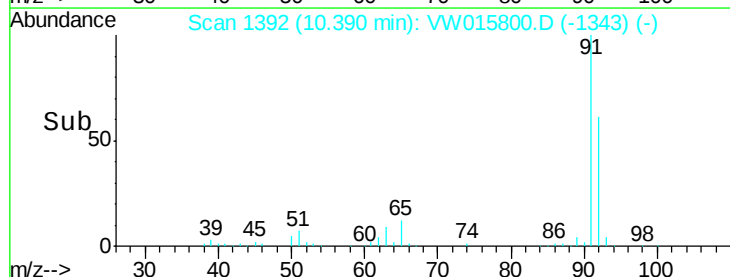
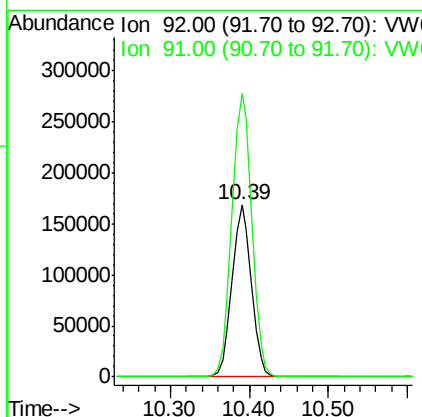
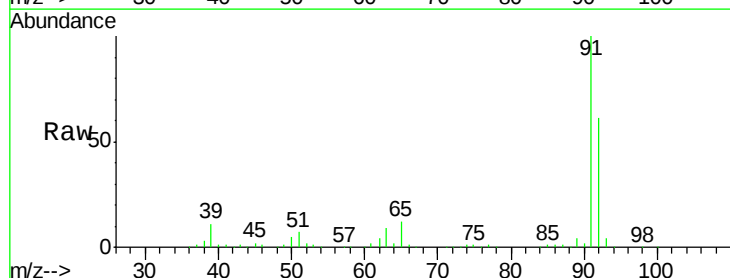
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 328239
Ion Ratio Lower Upper
43 100
58 38.3 30.9 46.3



#52
Toluene
Concen: 49.361 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 92 Resp: 287430
Ion Ratio Lower Upper
92 100
91 170.6 137.1 205.7

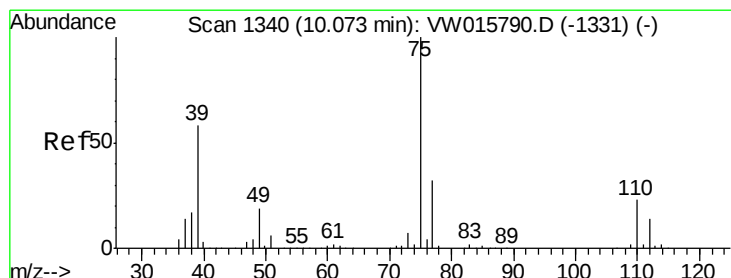
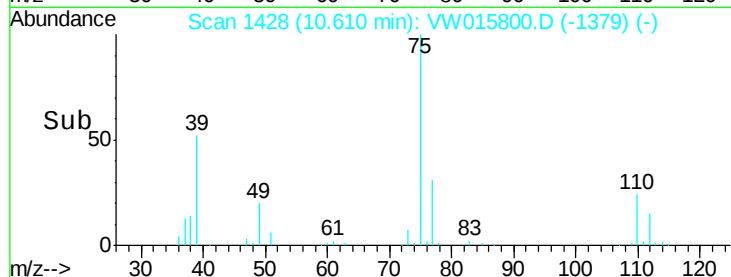
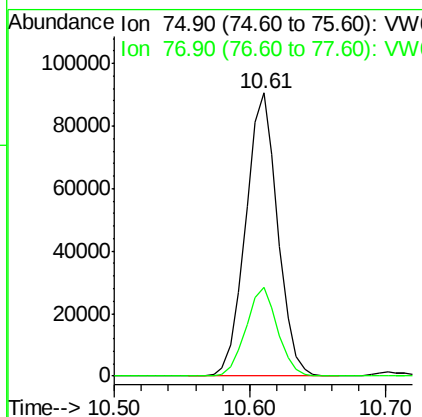
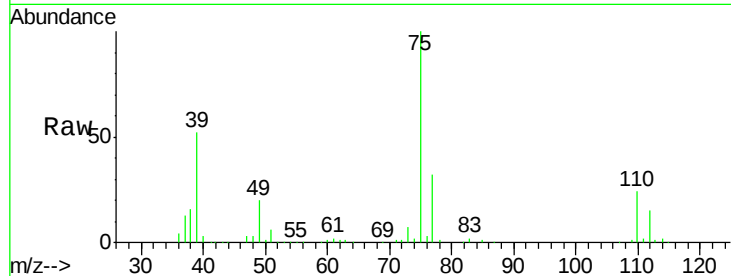




#53
 t-1,3-Dichloropropene
 Concen: 52.309 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

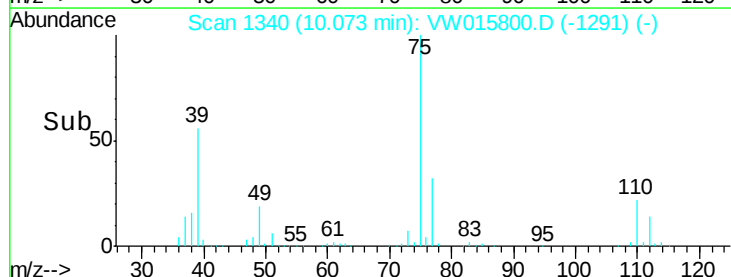
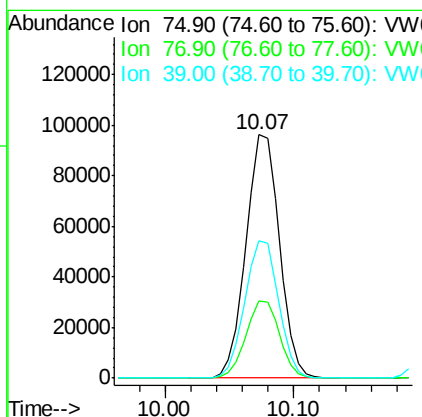
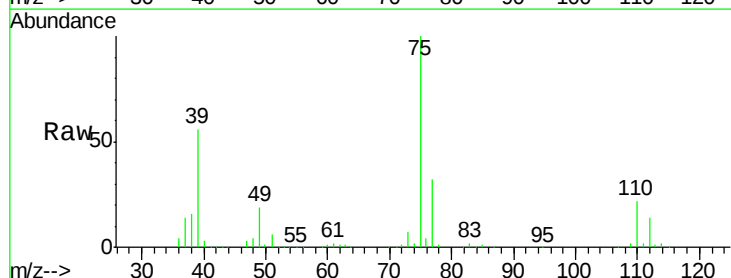
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

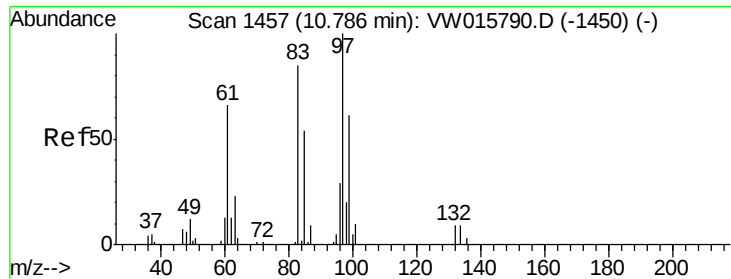
Tot Ion: 75 Resp: 148653
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.870 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Tgt Ion: 75 Resp: 172925
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 56.3 46.0 69.0

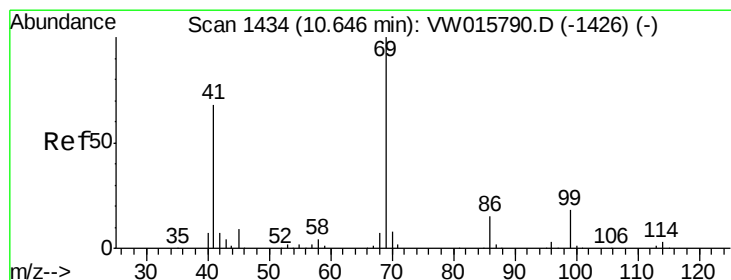
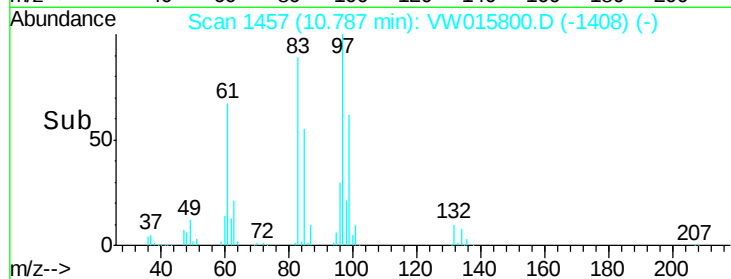
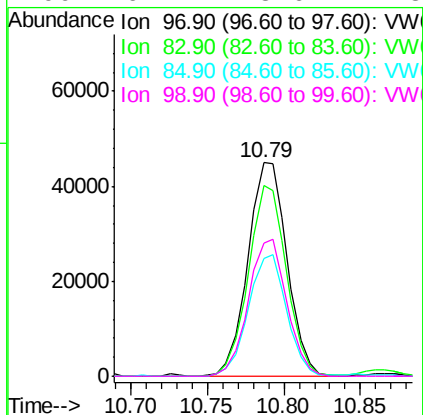
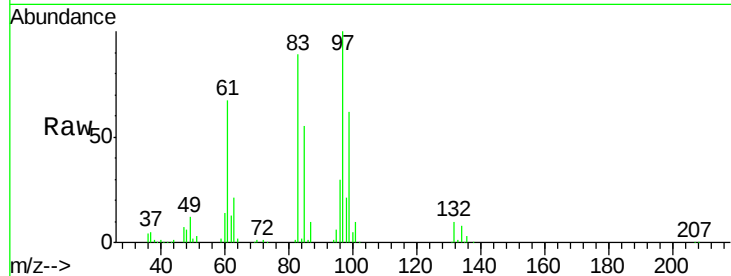




#55
 1,1,2-Trichloroethane
 Concen: 50.468 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

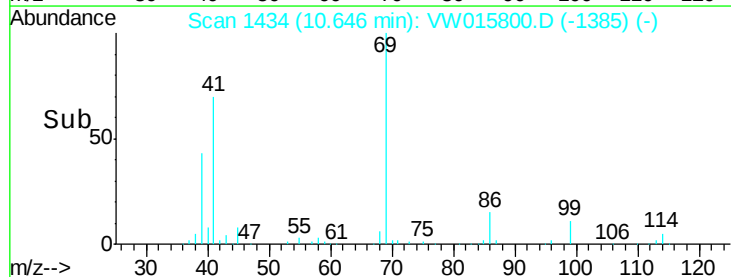
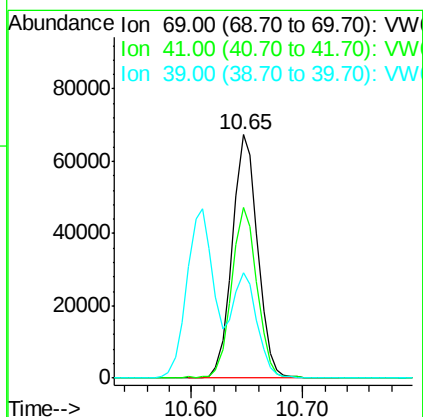
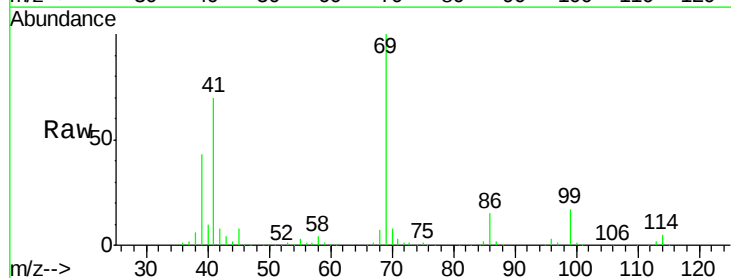
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

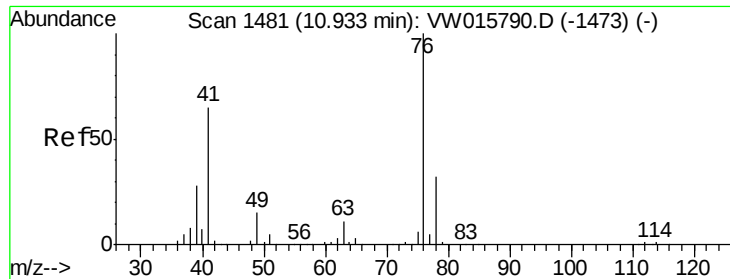
Tot Ion:	97	Resp:	80135
Ion	Ratio	Lower	Upper
97	100		
83	89.1	68.2	102.4
85	55.1	43.4	65.0
99	62.4	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 54.444 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Tgt Ion:	69	Resp:	106280
Ion	Ratio	Lower	Upper
69	100		
41	71.3	55.0	82.6
39	42.5	33.8	50.8

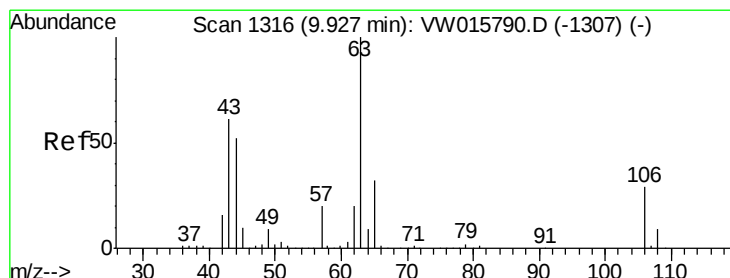
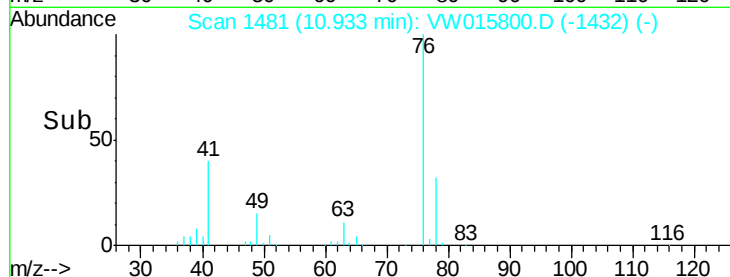
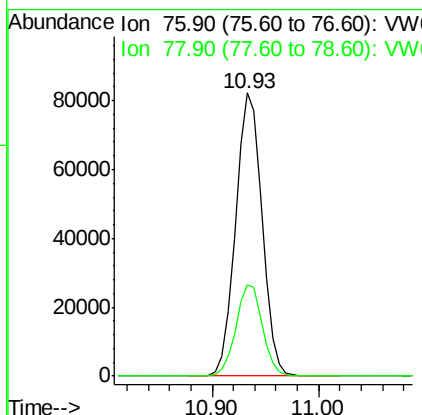
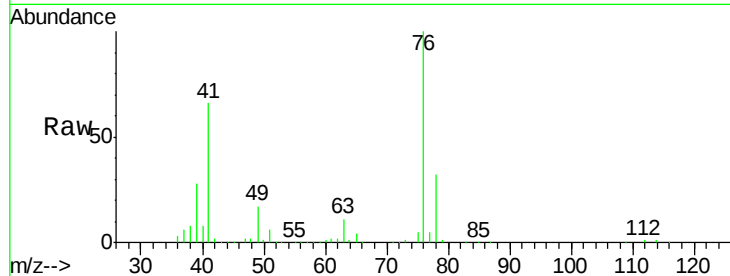




#57
 1,3-Dichloropropane
 Concen: 50.991 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

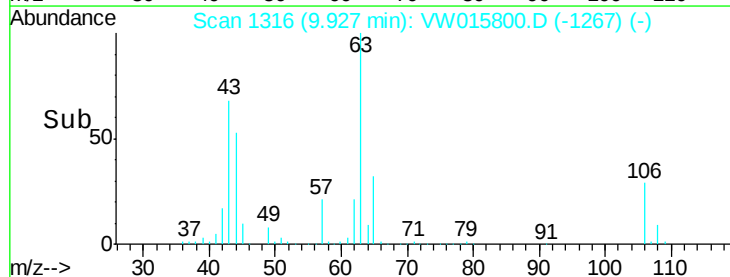
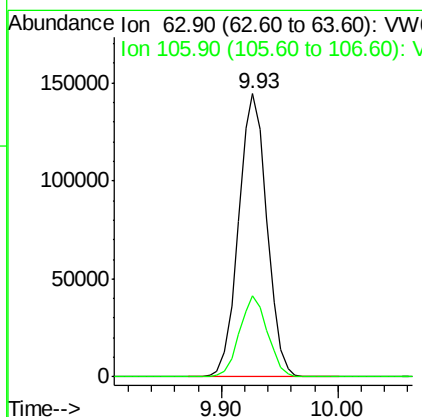
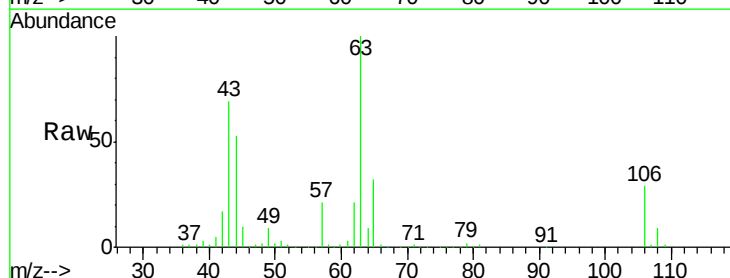
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

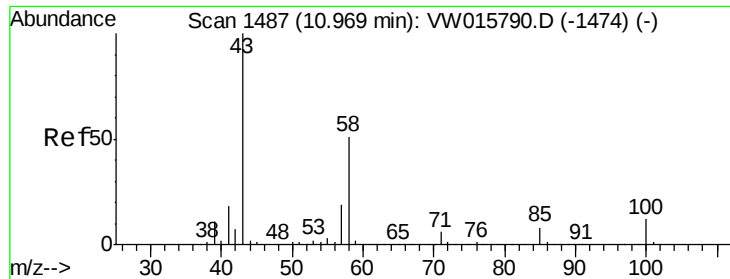
Tot Ion: 76 Resp: 143324
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.475 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Tgt Ion: 63 Resp: 244633
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.1 34.7

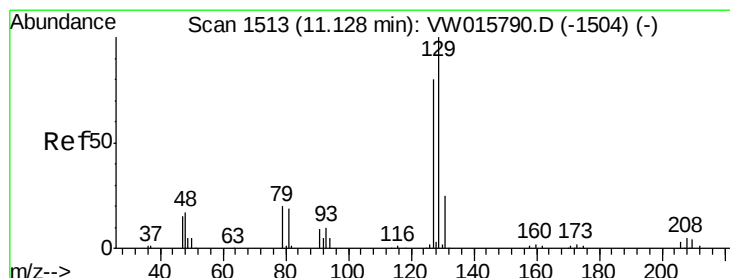
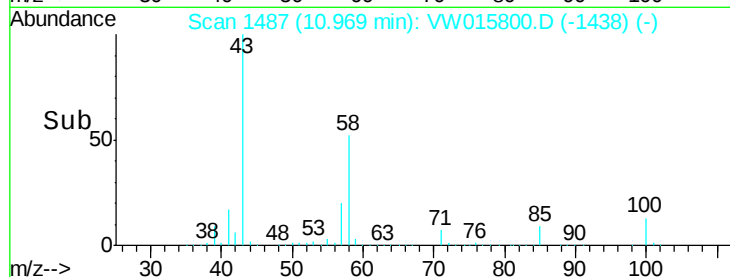
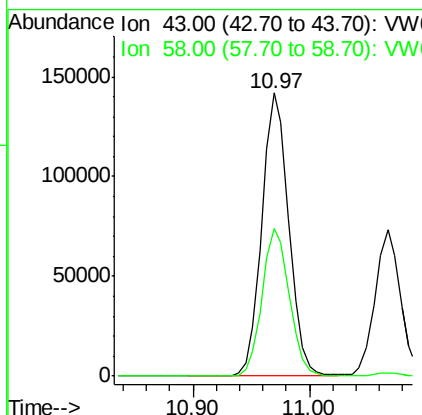
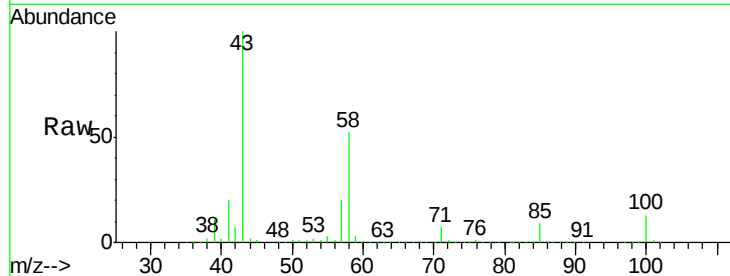




#59
2-Hexanone
Concen: 278.349 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

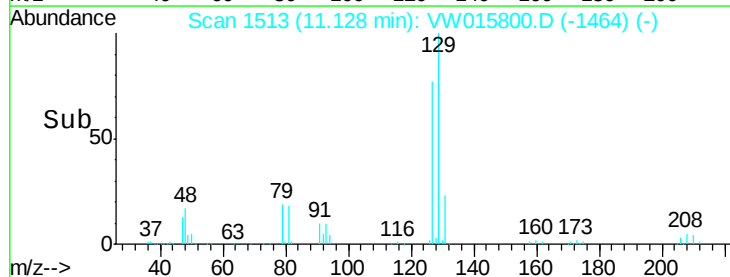
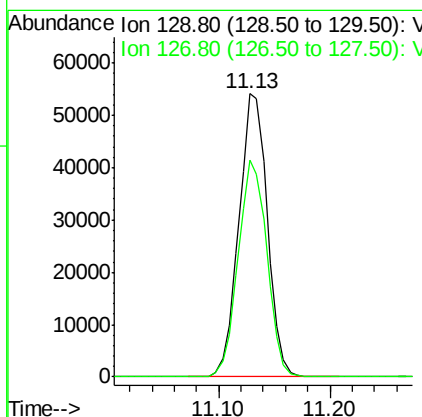
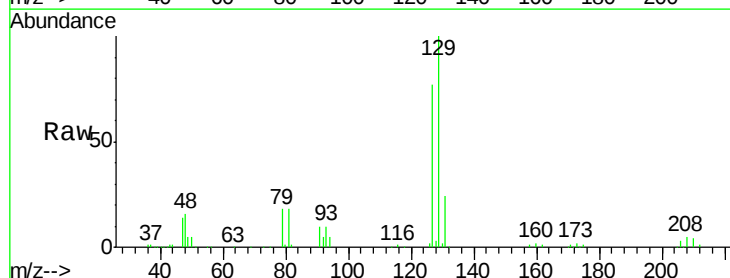
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

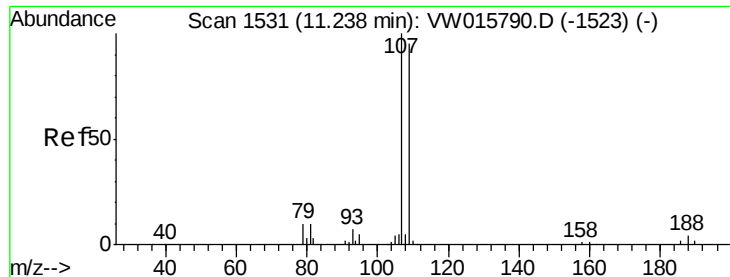
Tot Ion: 43 Resp: 227104
Ion Ratio Lower Upper
43 100
58 52.8 26.2 78.5



#60
Dibromochloromethane
Concen: 52.134 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 129 Resp: 95603
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.1





#61

1,2-Dibromoethane

Concen: 51.302 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

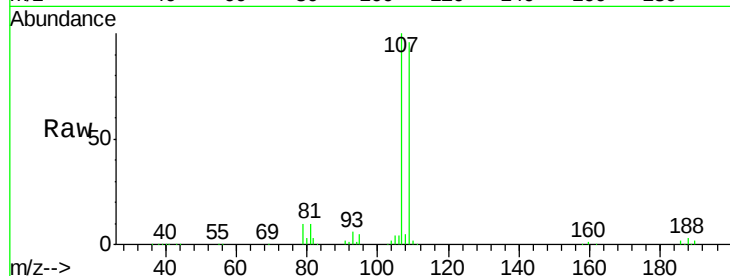
VSTDCCC050EC

Tot Ion:107 Resp: 77943

Ion Ratio Lower Upper

107 100

109 93.3 77.0 115.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

50000

40000

30000

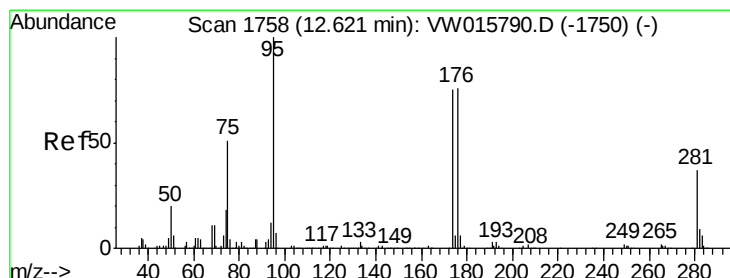
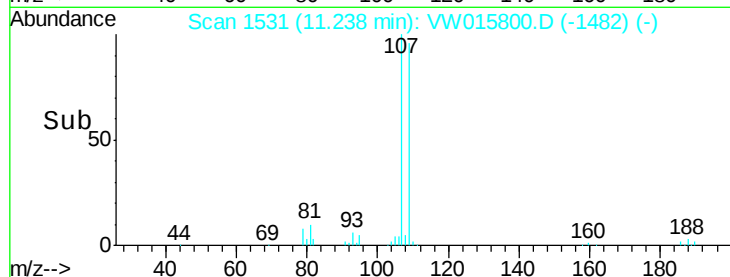
20000

10000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 50.450 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

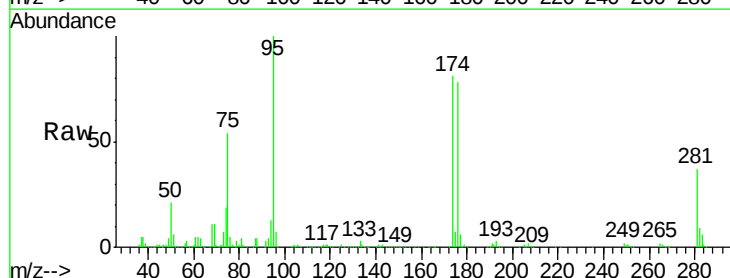
Tgt Ion: 95 Resp: 139023

Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.2

176 75.0 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

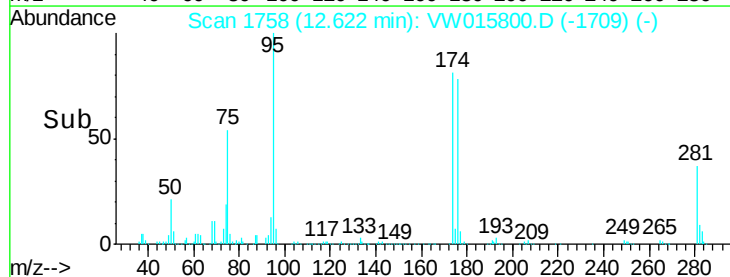
40000

20000

0

Time-->

12.60 12.70

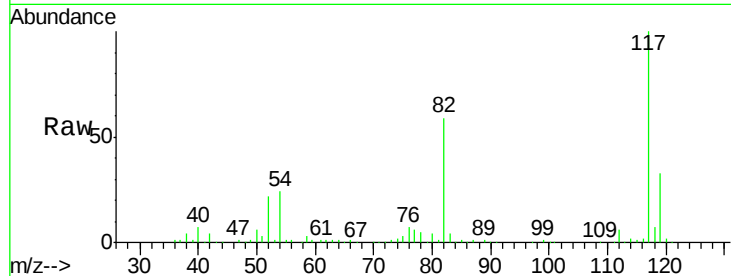




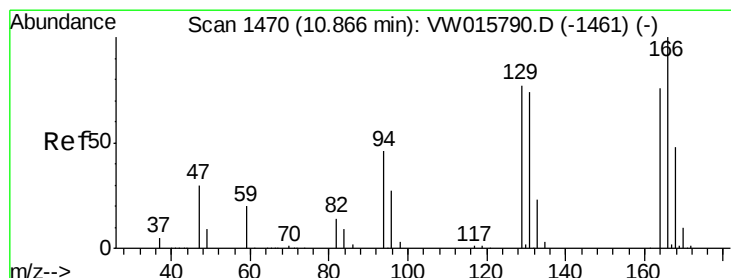
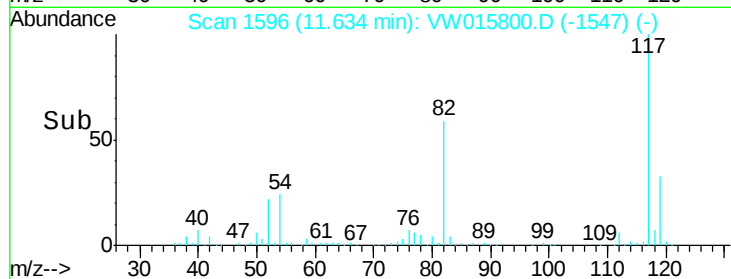
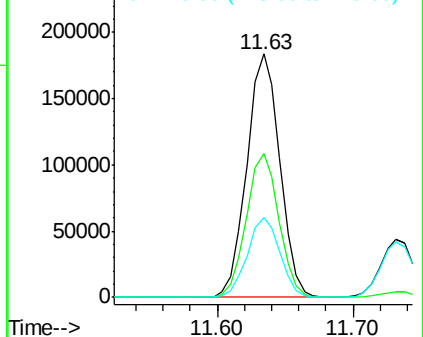
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 312928
Ion Ratio Lower Upper
117 100
82 59.0 45.5 68.3
119 32.9 25.0 37.6



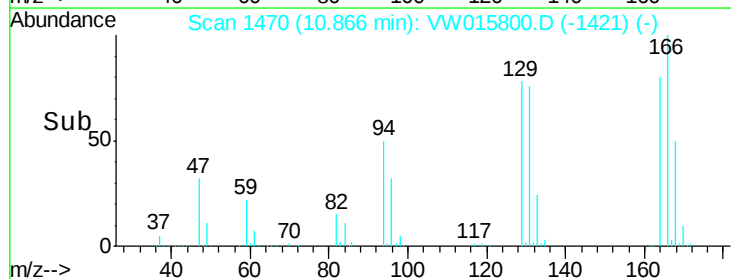
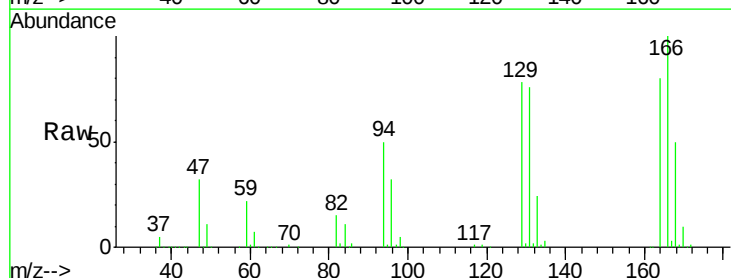
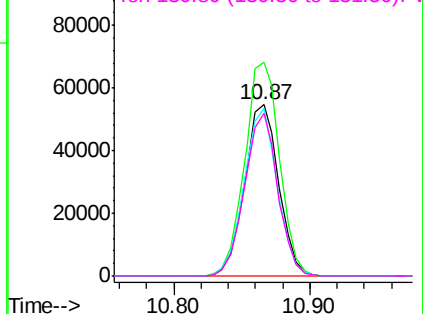
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

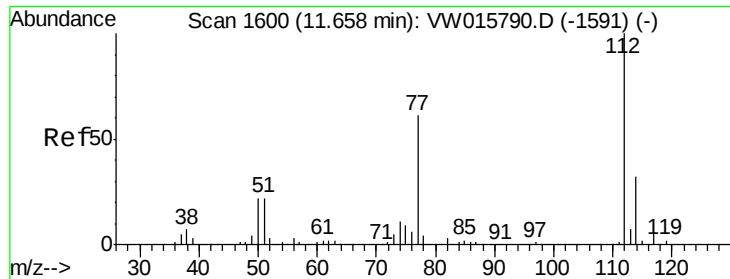


#64
Tetrachloroethene
Concen: 48.405 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion:164 Resp: 95858
Ion Ratio Lower Upper
164 100
166 124.6 105.1 157.7
129 97.8 80.6 121.0
131 95.1 77.8 116.6

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

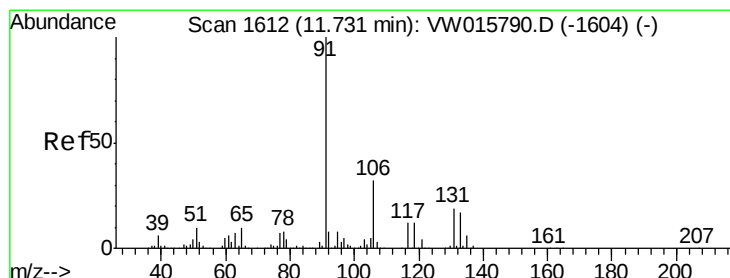
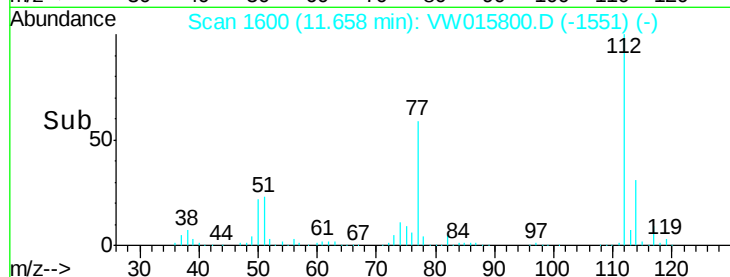
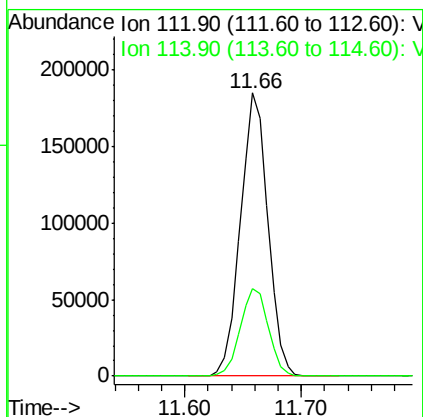
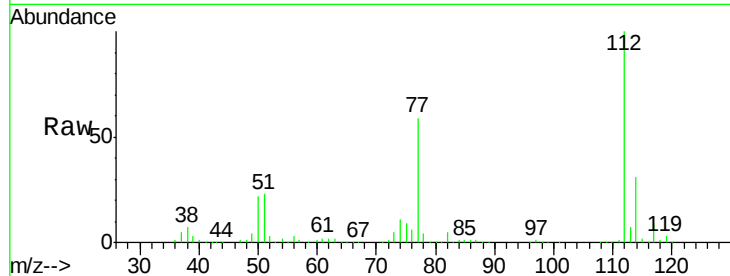




#65
Chlorobenzene
Concen: 49.745 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

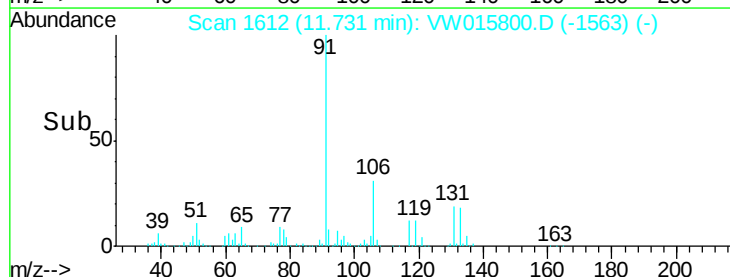
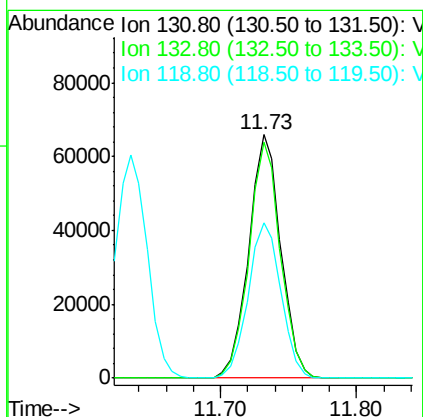
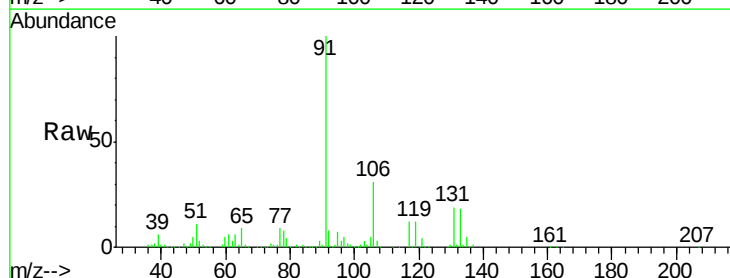
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

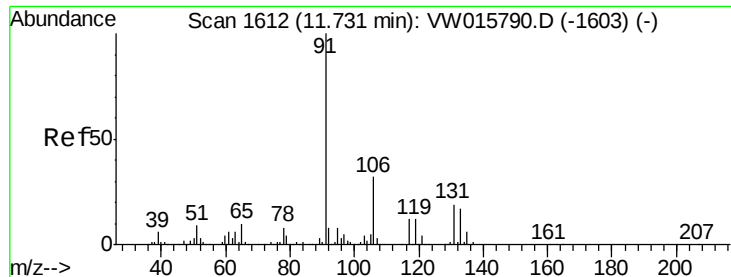
Tot Ion:112 Resp: 304423
Ion Ratio Lower Upper
112 100
114 30.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.223 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion:131 Resp: 108764
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.2
119 65.4 32.3 96.8

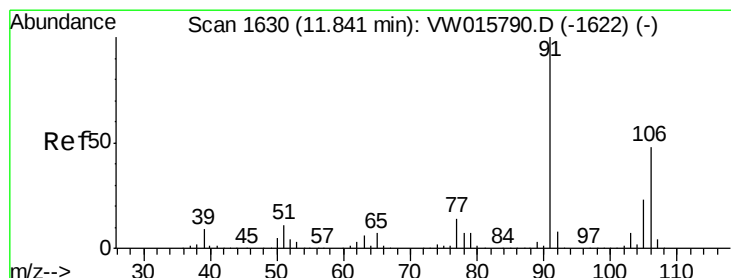
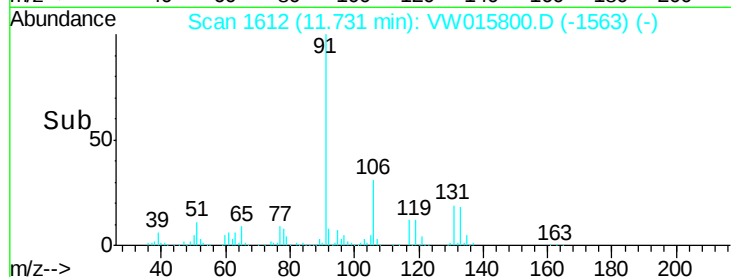
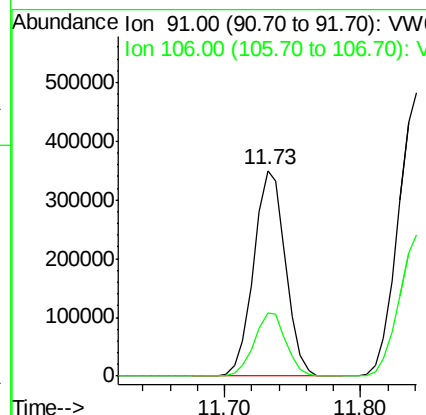
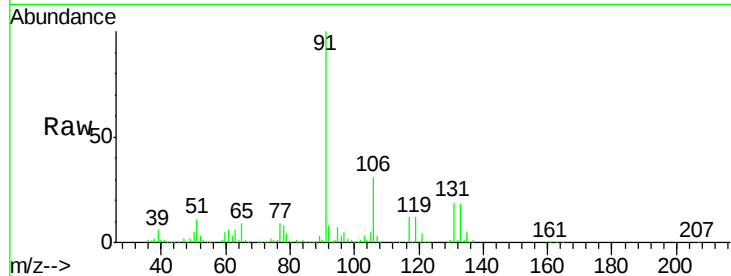




#67
Ethyl Benzene
Concen: 50.547 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

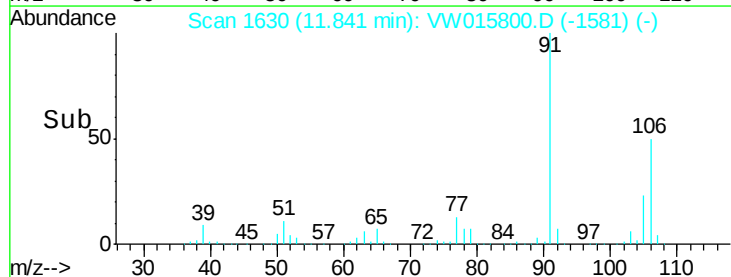
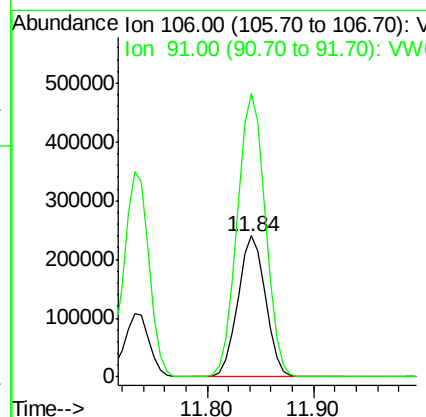
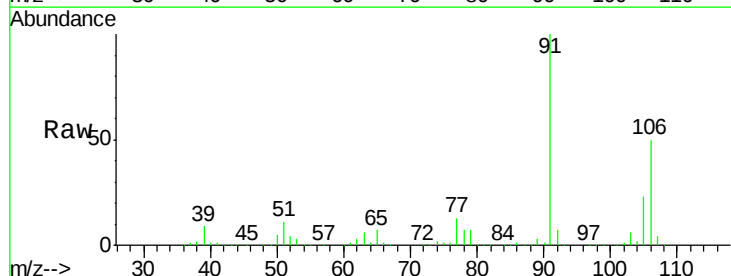
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

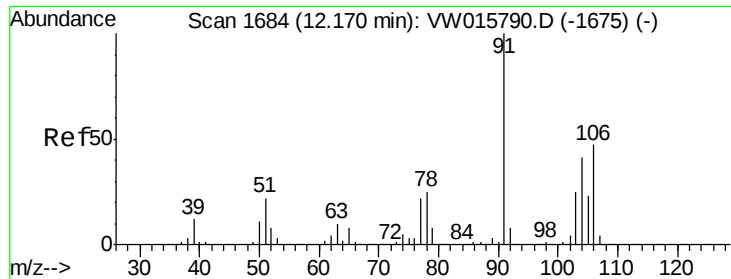
Tot Ion: 91 Resp: 572836
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.8



#68
m/p-Xylenes
Concen: 102.768 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 106 Resp: 437497
Ion Ratio Lower Upper
106 100
91 204.6 164.1 246.1

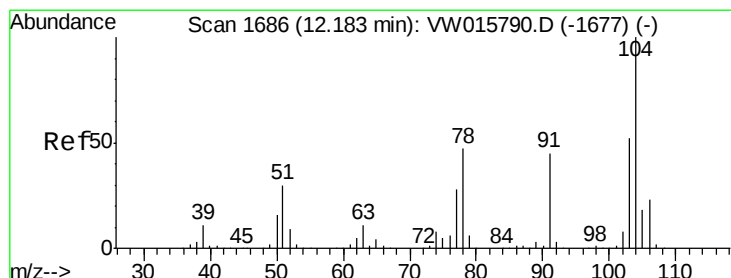
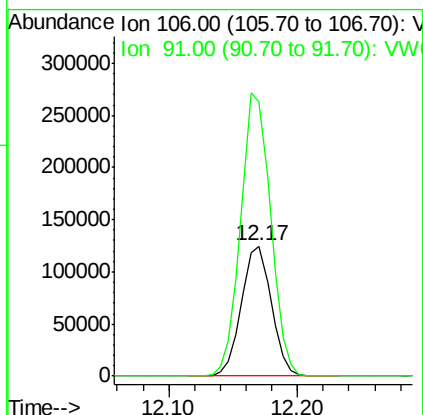
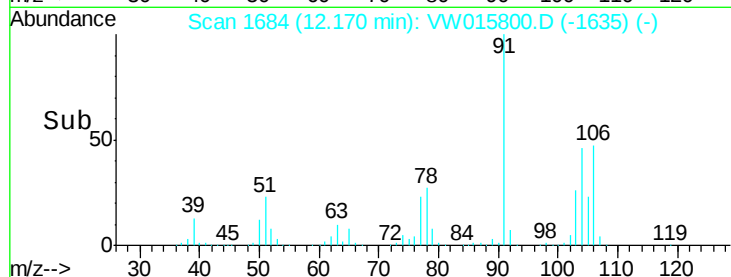
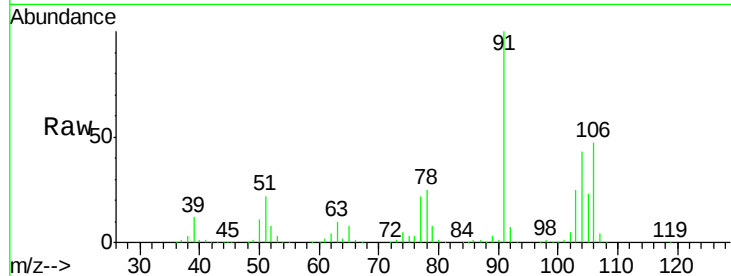




#69
o-Xylene
Concen: 51.720 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

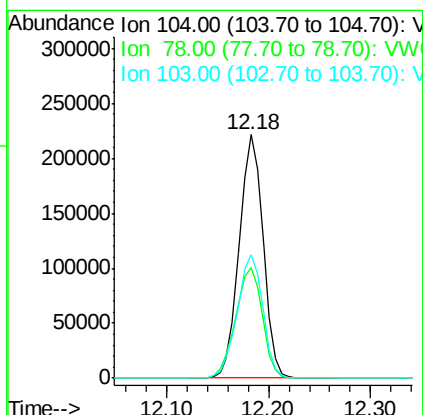
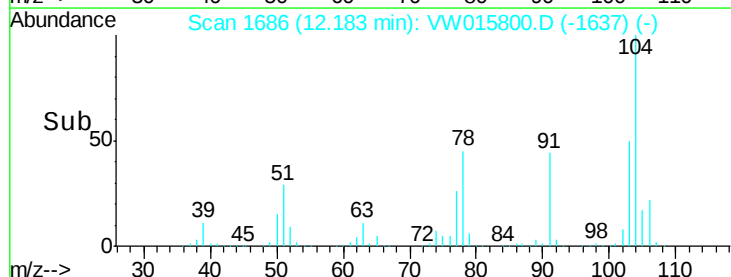
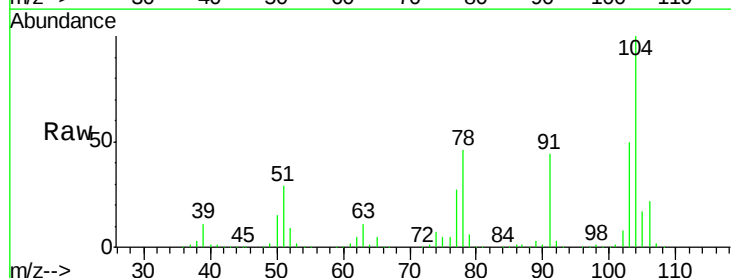
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

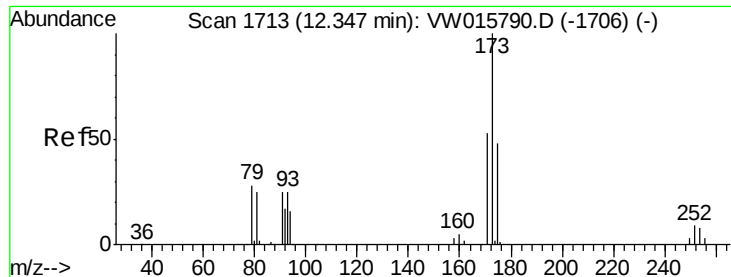
Tot Ion:106 Resp: 200982
Ion Ratio Lower Upper
106 100
91 217.8 108.5 325.3



#70
Styrene
Concen: 53.603 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion:104 Resp: 358407
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.4
103 54.2 43.8 65.8





#71

Bromoform

Concen: 53.743 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

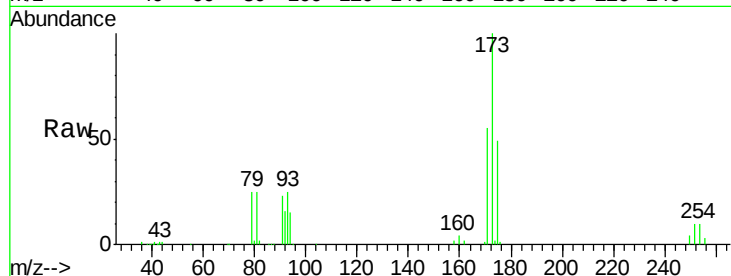
Tot Ion:173 Resp: 53124

Ion Ratio Lower Upper

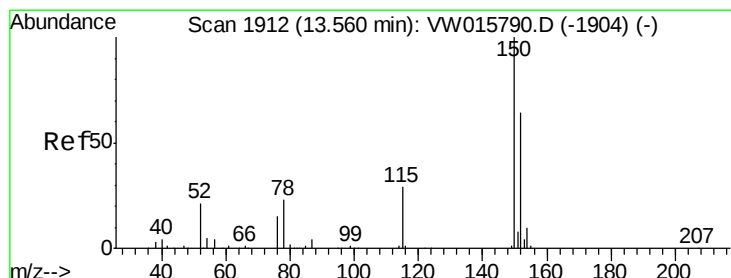
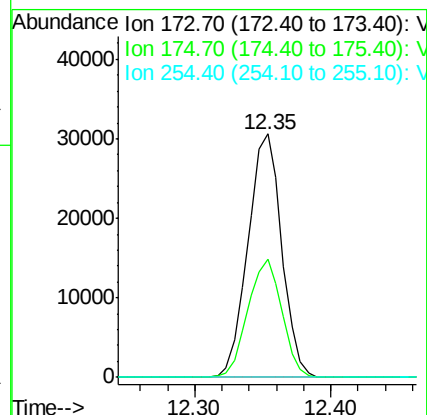
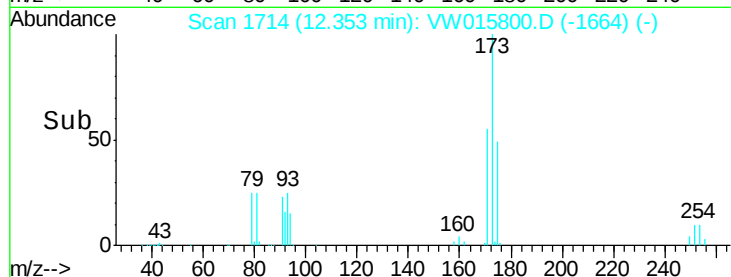
173 100

175 48.8 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: VW015800.D

Acq: 07 Jul 2020 19:15

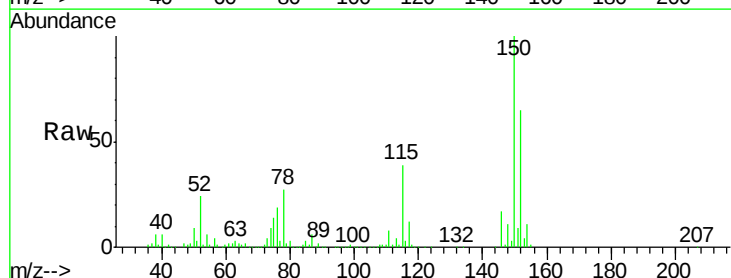
Tgt Ion:152 Resp: 165468

Ion Ratio Lower Upper

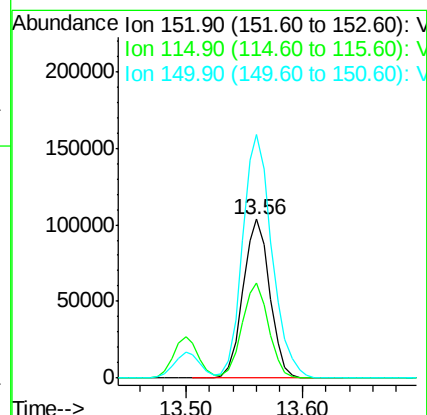
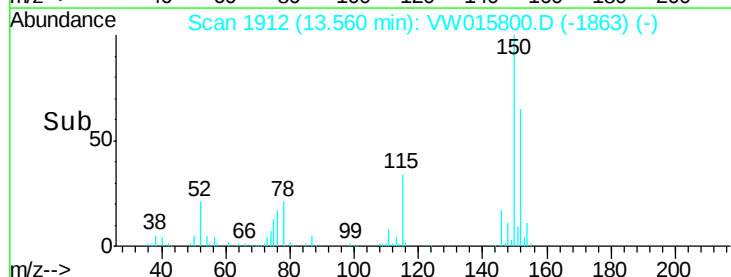
152 100

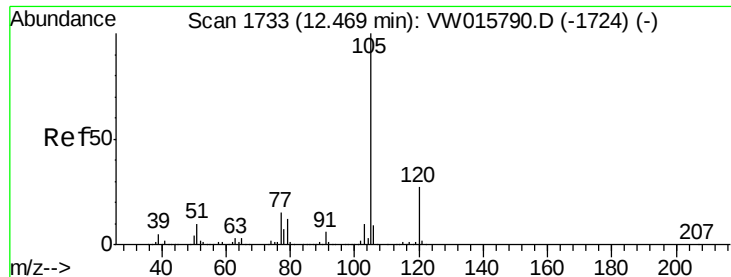
115 59.2 29.9 89.7

150 168.6 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

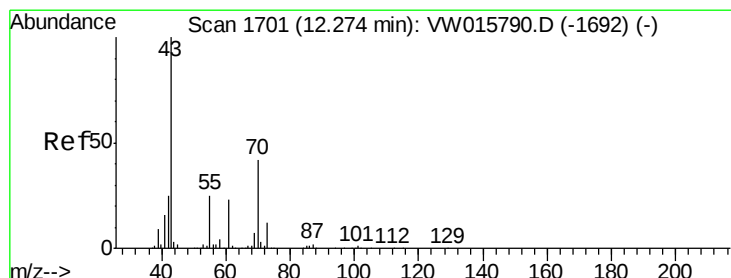
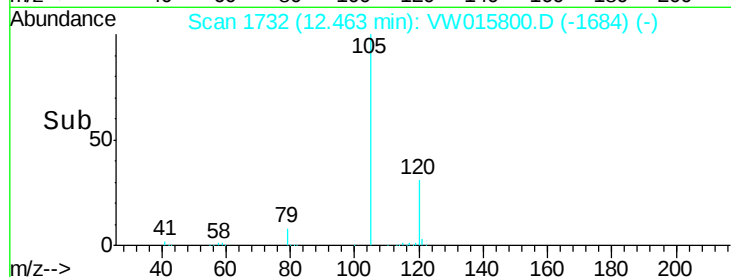
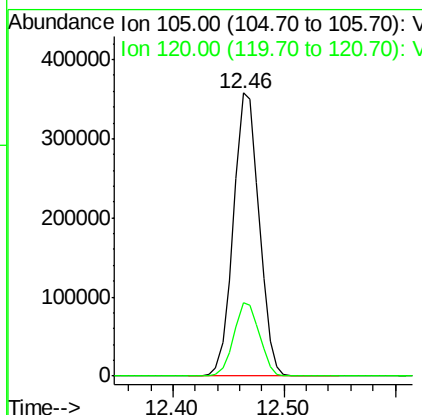
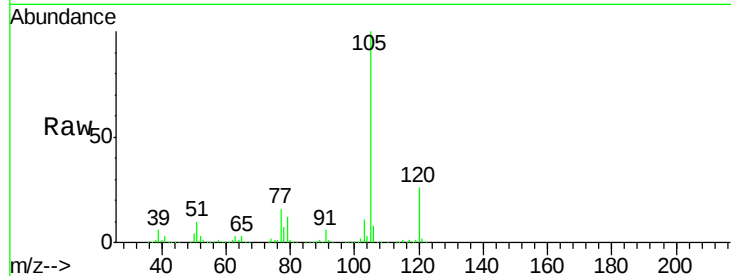




#73
Isopropylbenzene
Concen: 48.902 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

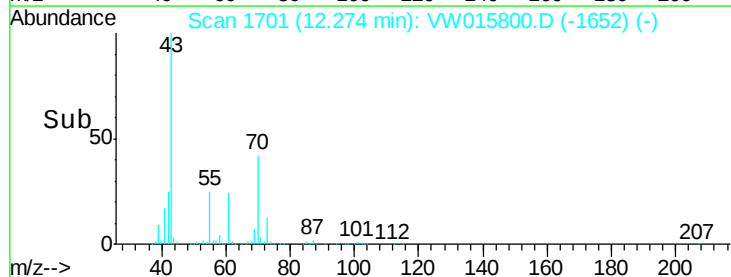
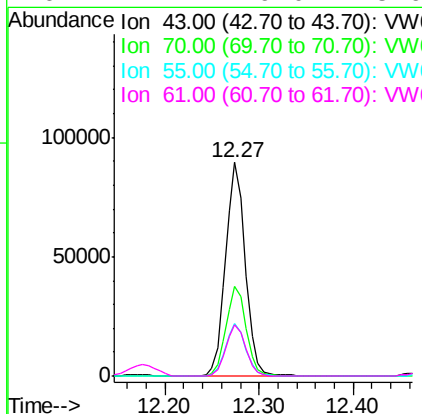
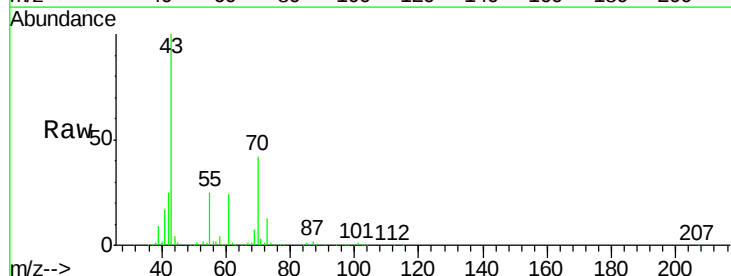
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

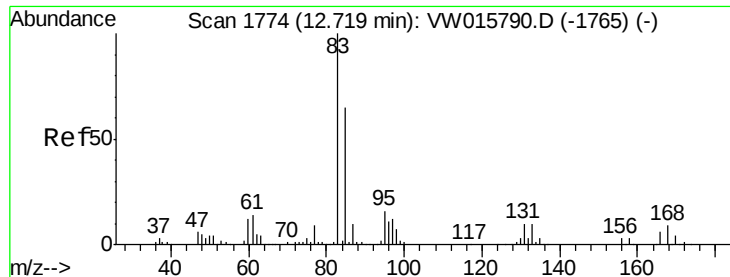
Tot Ion:105 Resp: 570061
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



#74
N-ethyl acetate
Concen: 52.284 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion: 43 Resp: 130394
Ion Ratio Lower Upper
43 100
70 42.7 34.1 51.1
55 25.0 20.0 30.0
61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.186 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

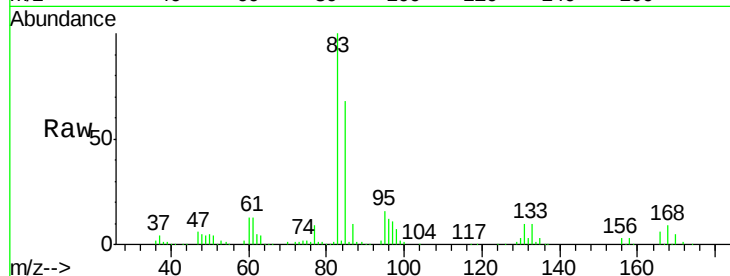
Tot Ion: 83 Resp: 95270

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

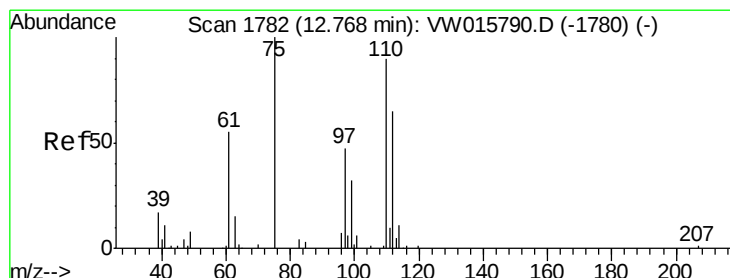
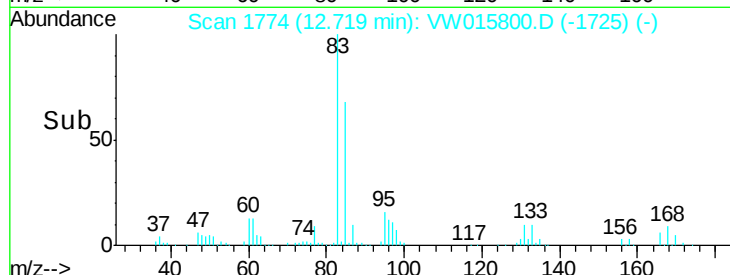
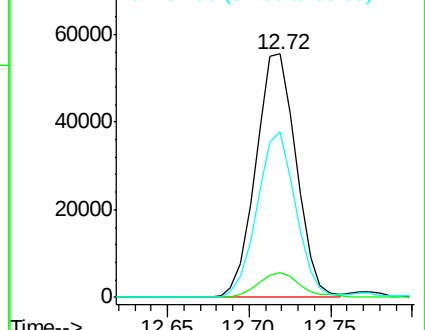
85 64.8 31.9 95.9



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: 48.005 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015800.D

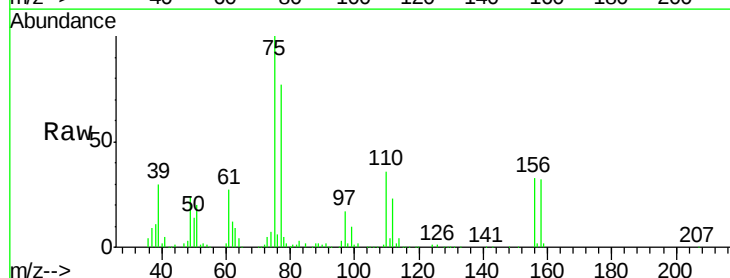
Acq: 07 Jul 2020 19:15

Tgt Ion: 75 Resp: 69811

Ion Ratio Lower Upper

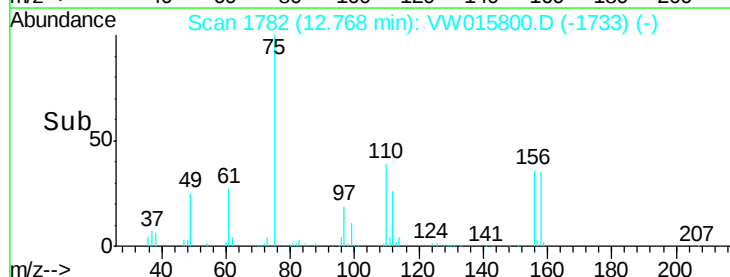
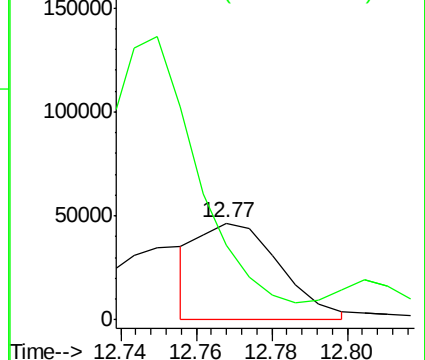
75 100

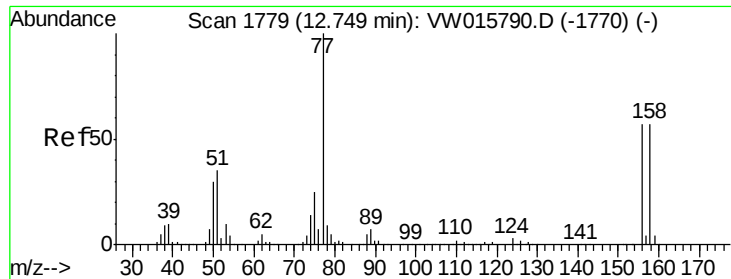
77 351.8 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.069 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

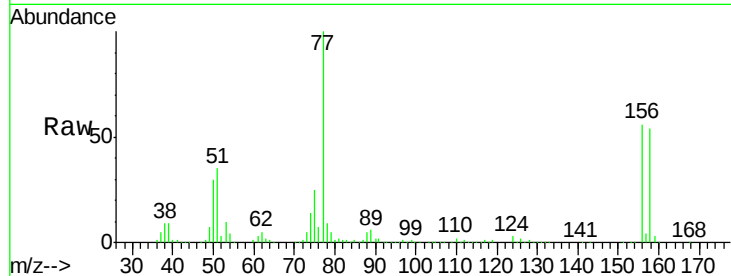
Tot Ion:156 Resp: 123031

Ion Ratio Lower Upper

156 100

77 199.6 98.8 296.4

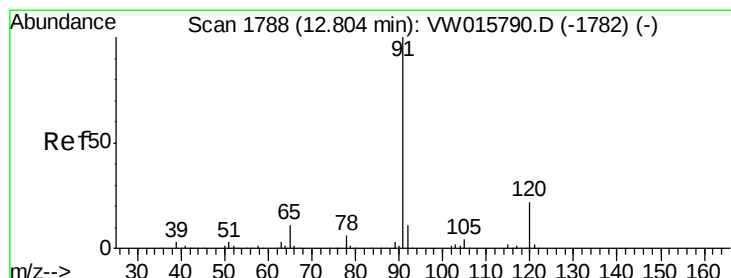
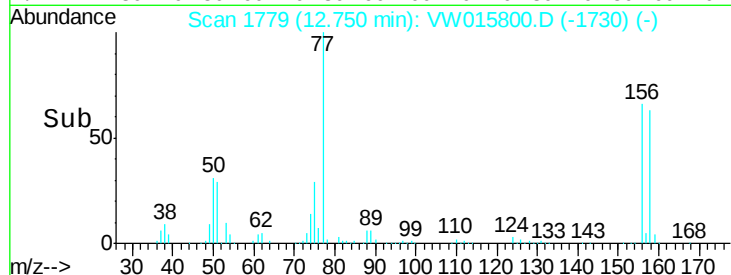
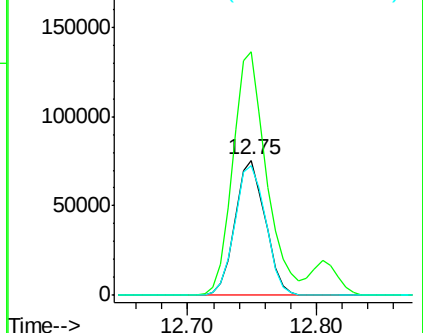
158 99.2 50.0 149.8



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: 48.678 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015800.D

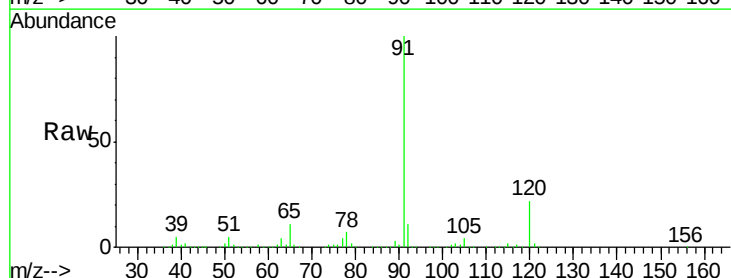
Acq: 07 Jul 2020 19:15

Tgt Ion: 91 Resp: 688756

Ion Ratio Lower Upper

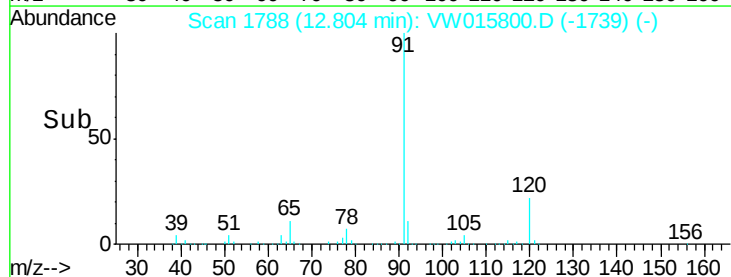
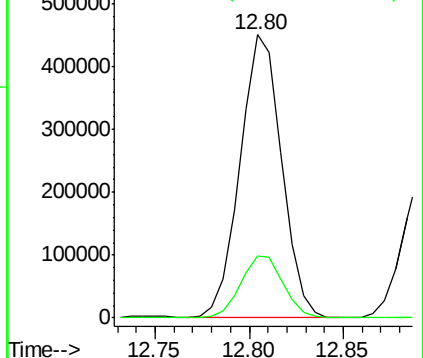
91 100

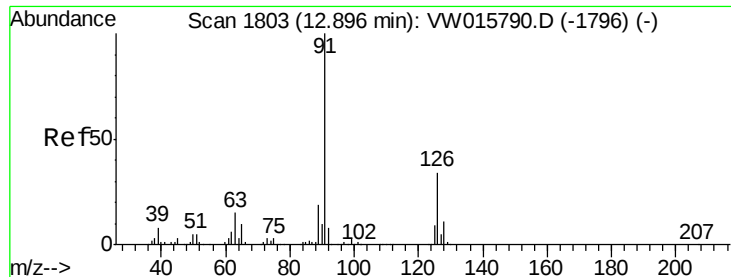
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.327 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

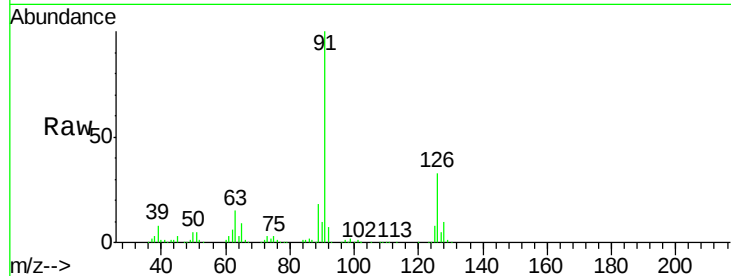
VSTDCCC050EC

Tot Ion: 91 Resp: 389944

Ion Ratio Lower Upper

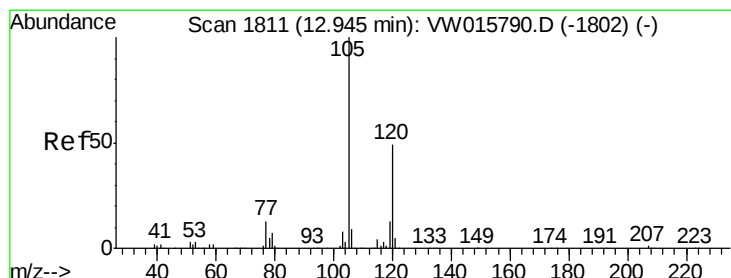
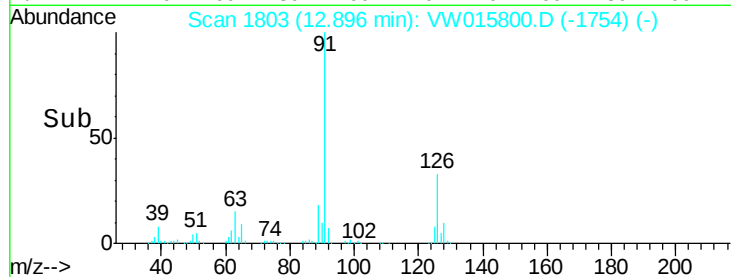
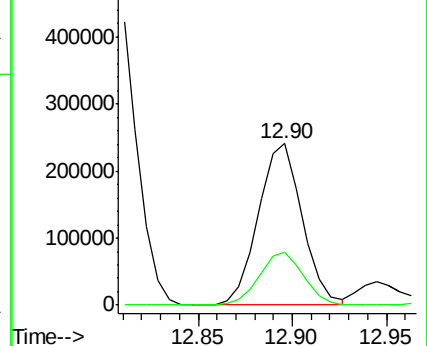
91 100

126 32.7 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.151 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015800.D

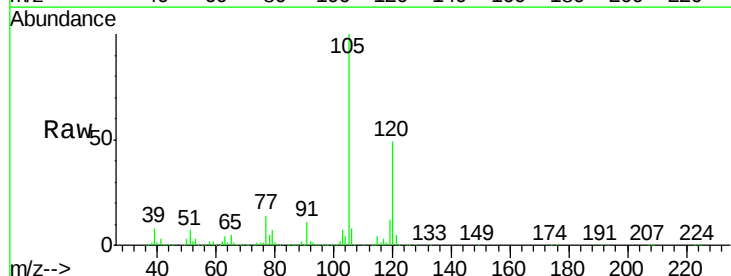
Acq: 07 Jul 2020 19:15

Tgt Ion:105 Resp: 488329

Ion Ratio Lower Upper

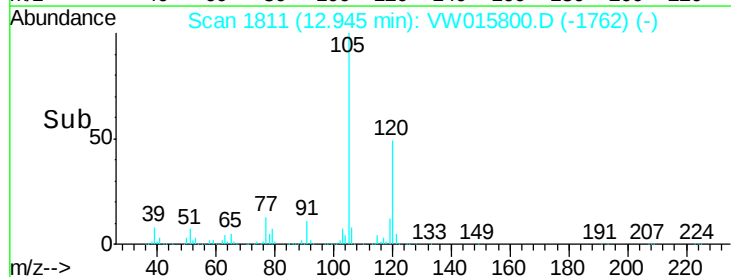
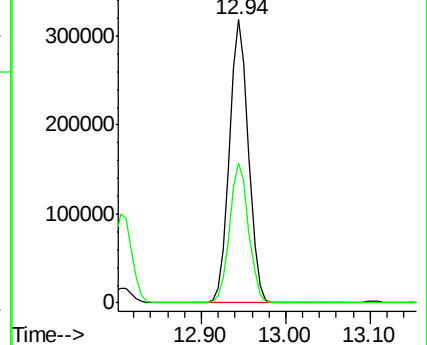
105 100

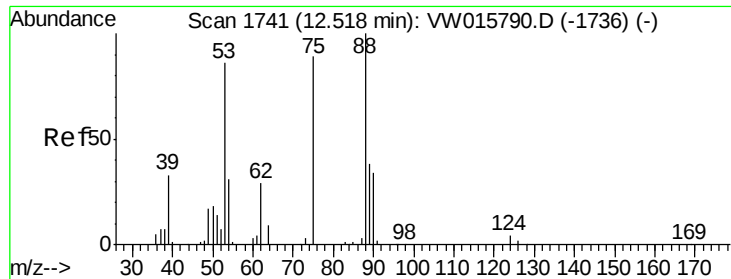
120 49.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.357 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

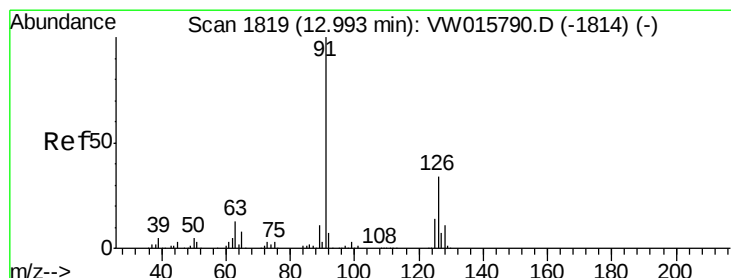
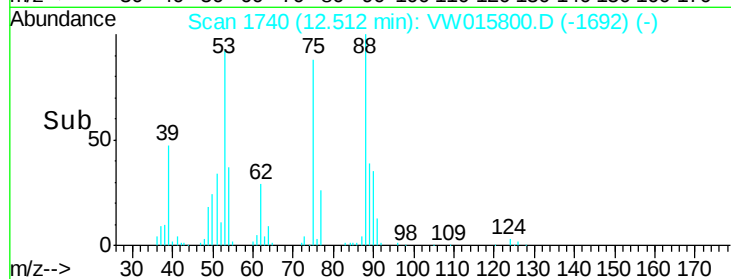
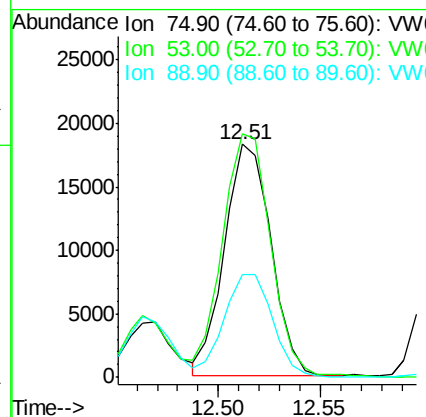
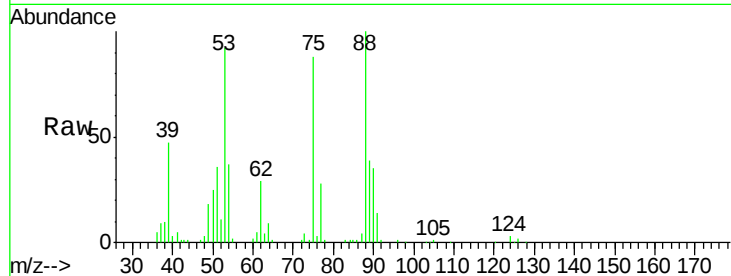
Tot Ion: 75 Resp: 28849

Ion Ratio Lower Upper

75 100

53 109.2 85.9 128.9

89 46.4 36.2 54.4



#82

4-Chlorotoluene

Concen: 48.117 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW015800.D

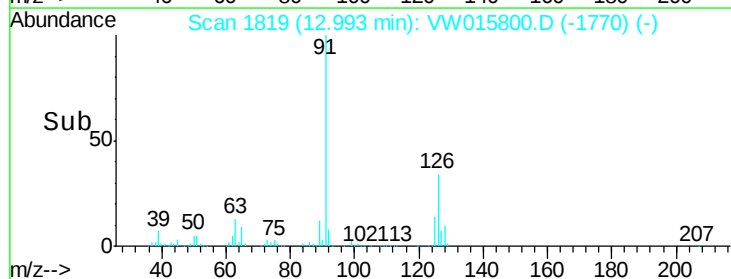
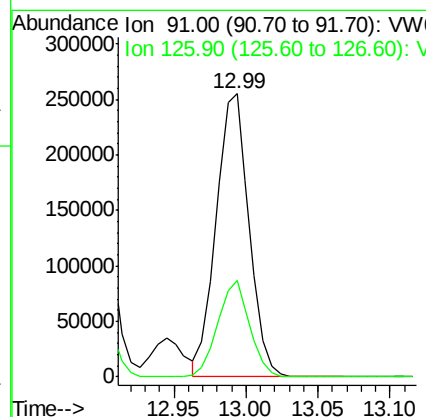
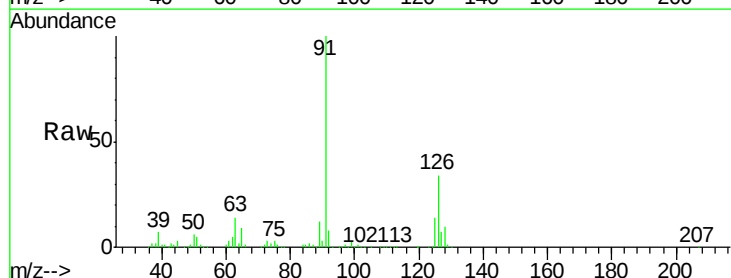
Acq: 07 Jul 2020 19:15

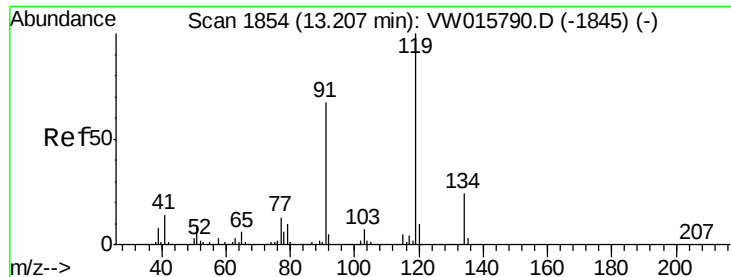
Tgt Ion: 91 Resp: 405437

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.9

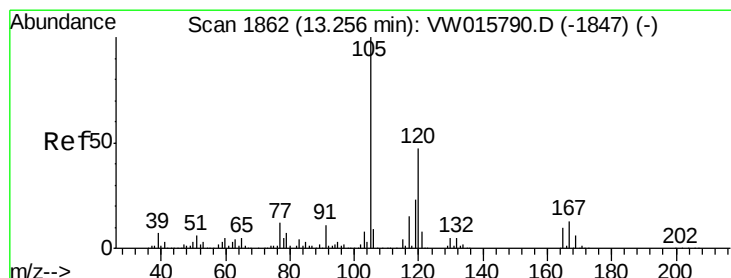
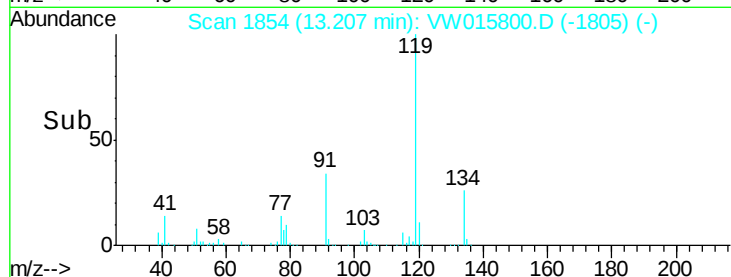
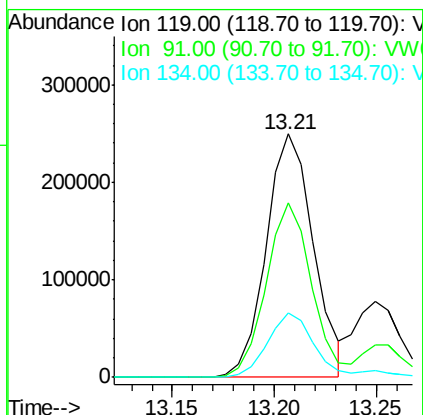
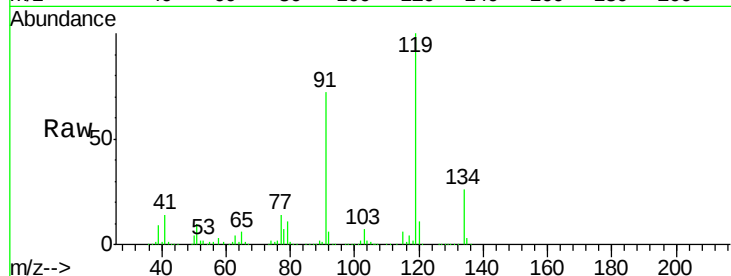




#83
tert-Butylbenzene
Concen: 48.766 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

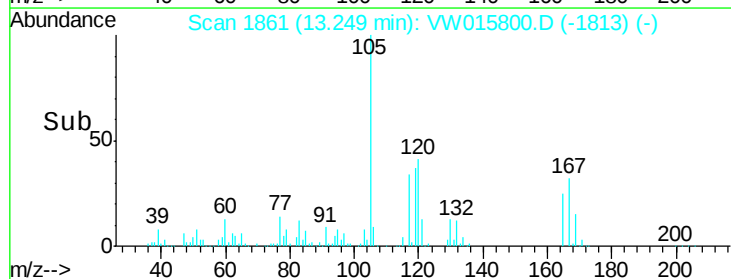
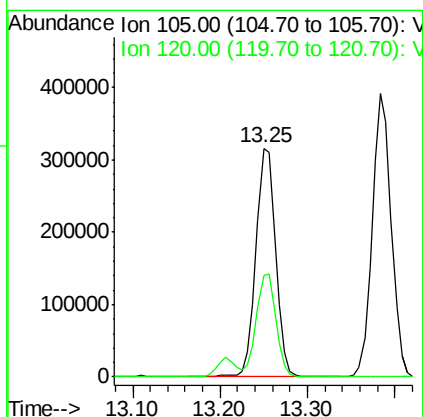
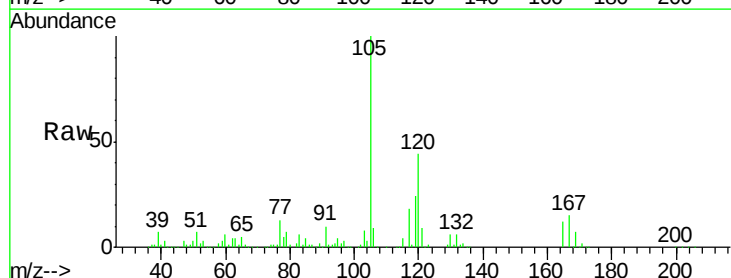
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

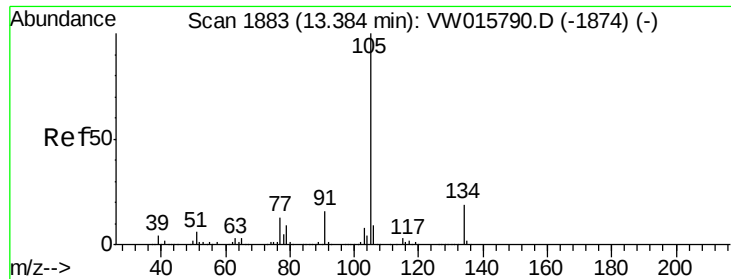
Tot Ion:119 Resp: 402236
Ion Ratio Lower Upper
119 100
91 69.6 34.4 103.3
134 25.7 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 49.666 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion:105 Resp: 492787
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 49.666 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

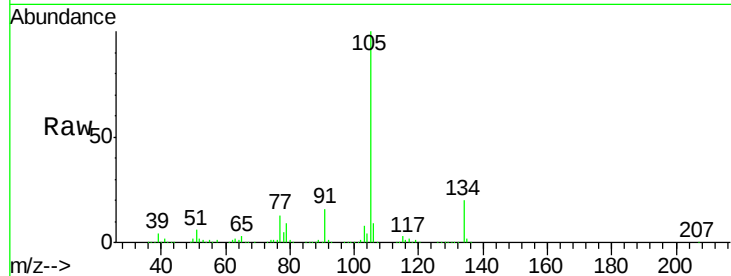
VSTDCCC050EC

Tot Ion:105 Resp: 591624

Ion Ratio Lower Upper

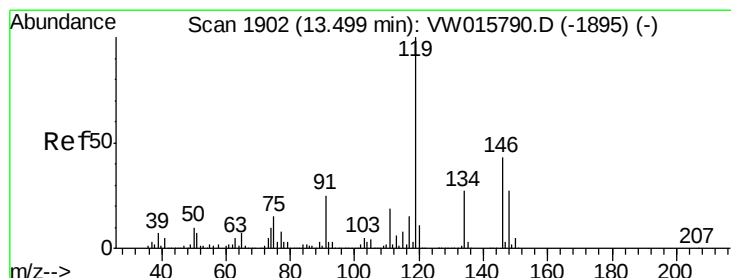
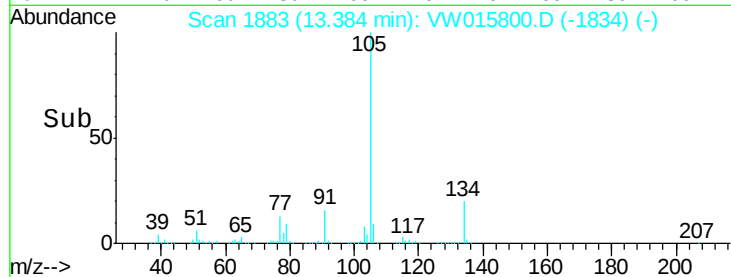
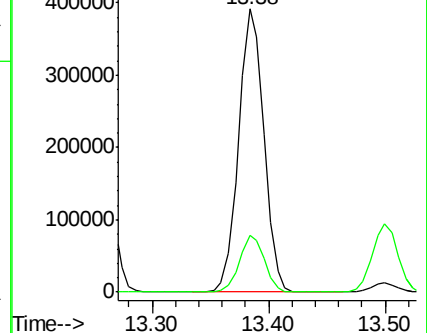
105 100

134 19.9 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: 49.258 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

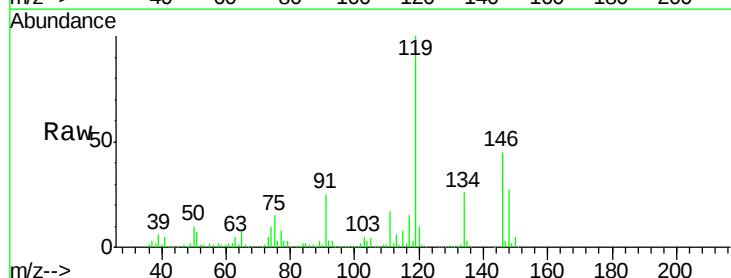
Tgt Ion:119 Resp: 535813

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.6

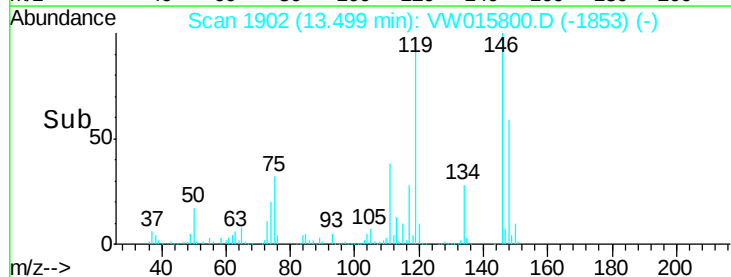
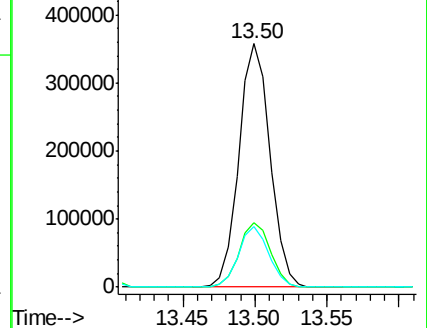
91 24.3 12.2 36.6

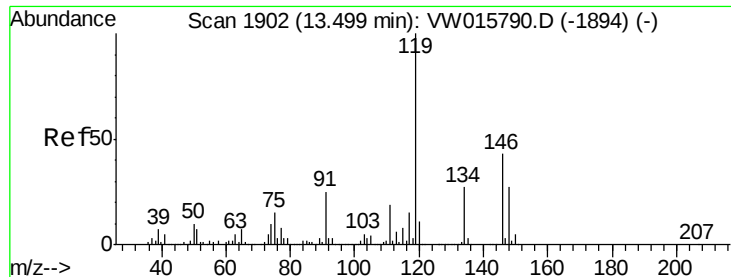


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.614 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

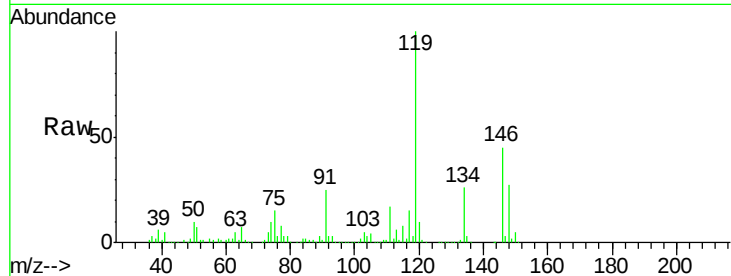
Tot Ion:146 Resp: 254717

Ion Ratio Lower Upper

146 100

111 40.1 20.8 62.4

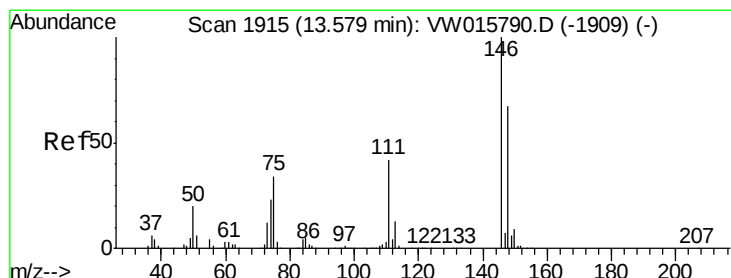
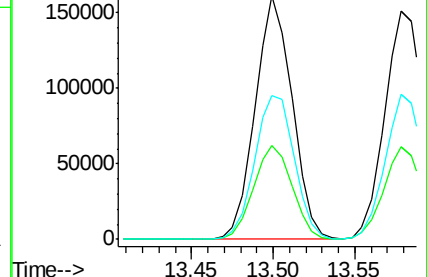
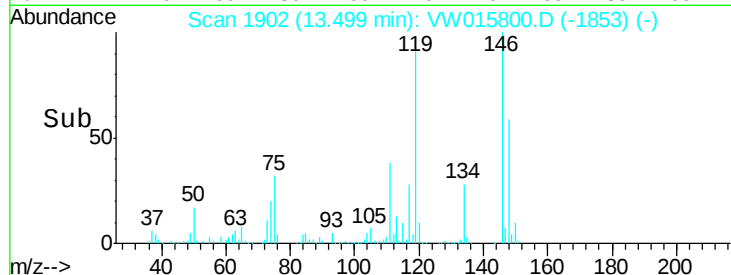
148 63.3 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.977 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

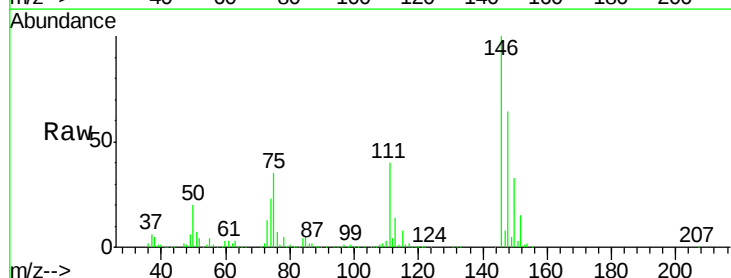
Tgt Ion:146 Resp: 251220

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.6

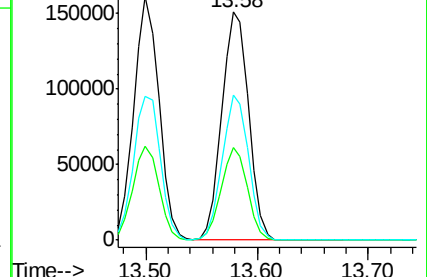
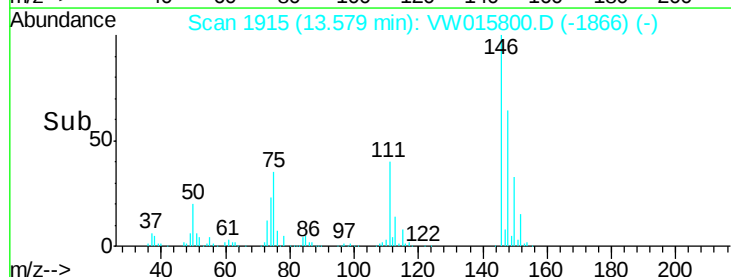
148 62.4 31.8 95.4

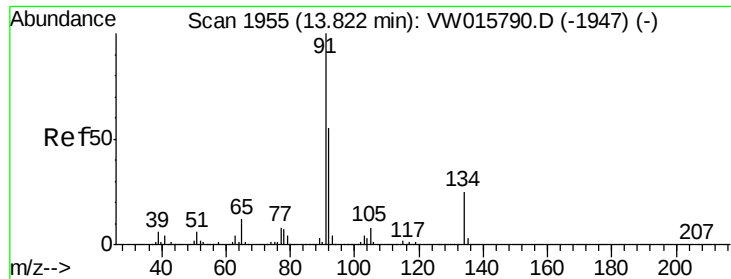


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.736 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

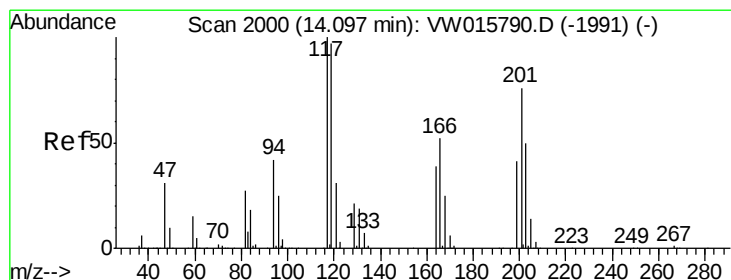
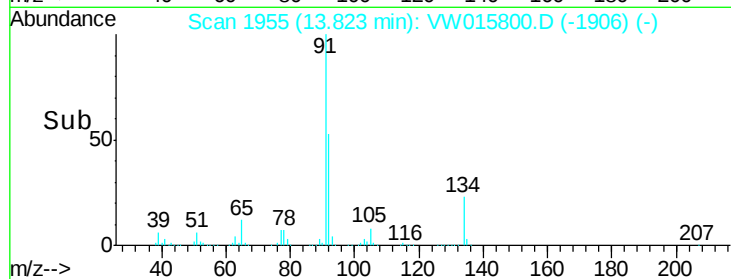
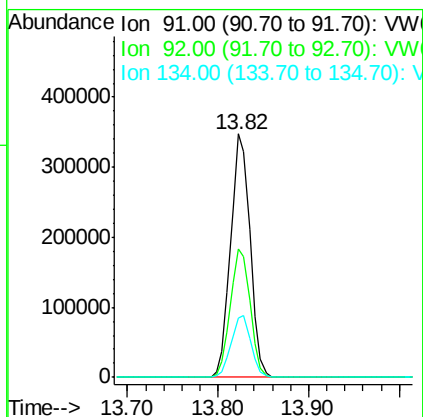
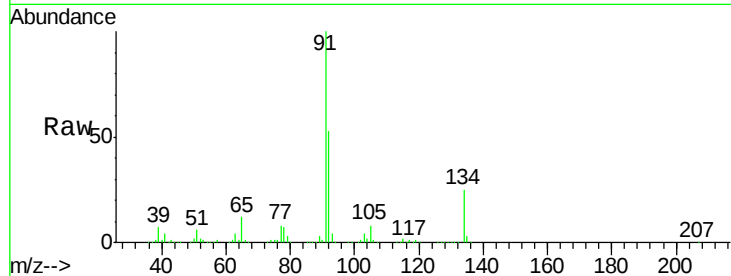
Tot Ion: 91 Resp: 517728

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.6

134 25.6 12.7 38.1



#90

Hexachloroethane

Concen: 48.811 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015800.D

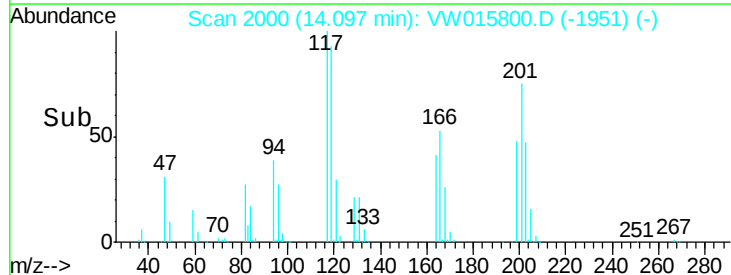
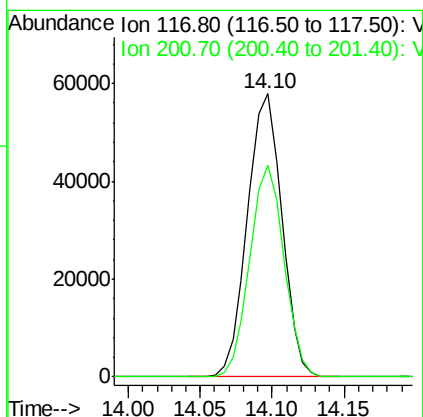
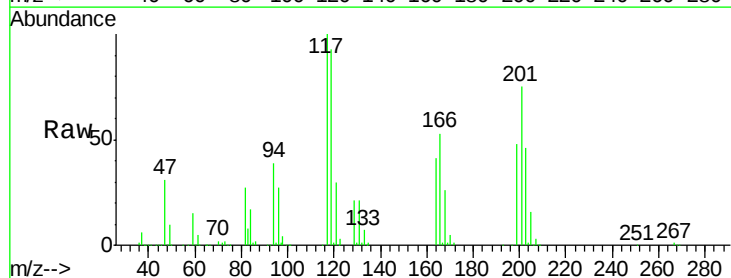
Acq: 07 Jul 2020 19:15

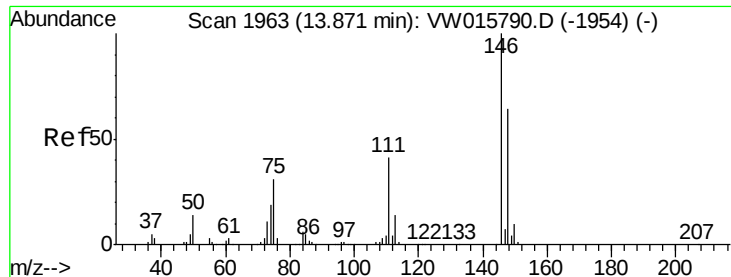
Tgt Ion: 117 Resp: 96237

Ion Ratio Lower Upper

117 100

201 74.0 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 49.406 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

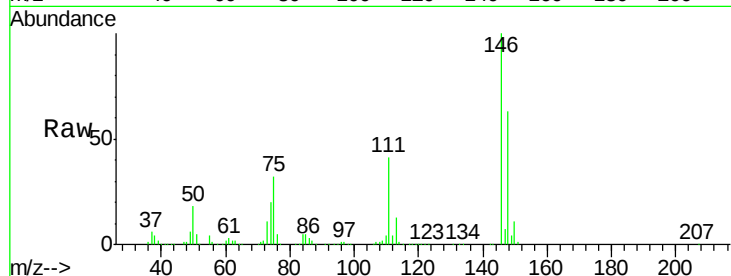
Tot Ion:146 Resp: 224271

Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.9

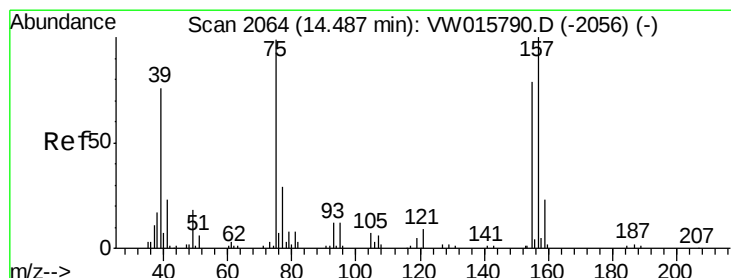
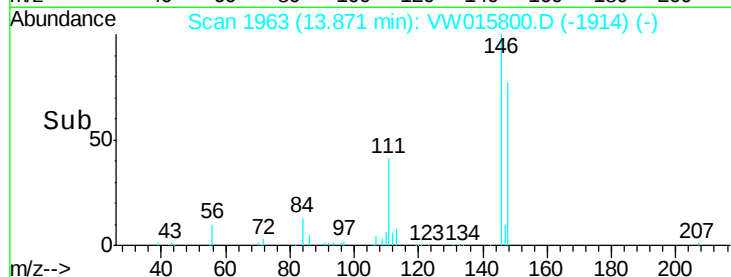
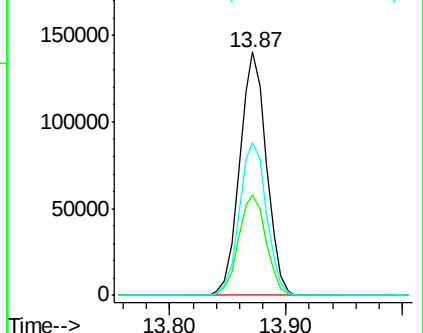
148 64.0 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.496 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015800.D

Acq: 07 Jul 2020 19:15

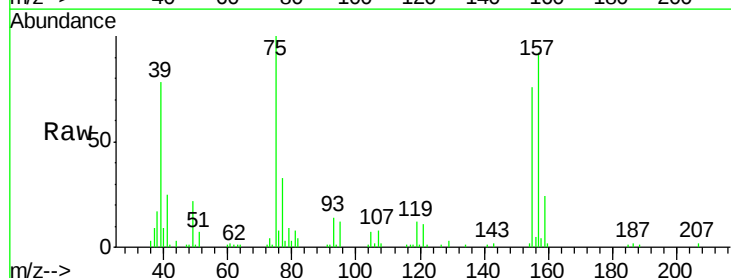
Tgt Ion: 75 Resp: 15937

Ion Ratio Lower Upper

75 100

155 77.6 39.1 117.5

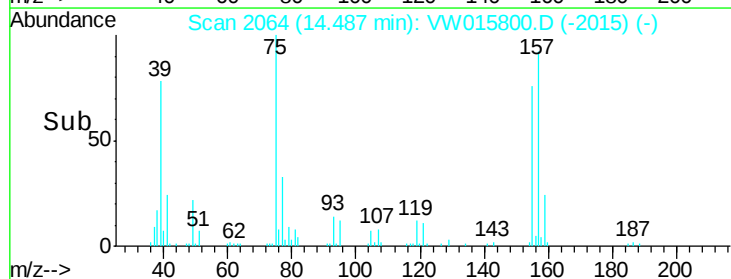
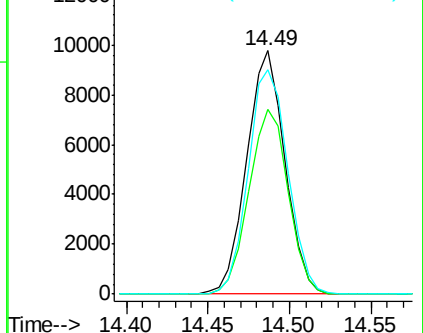
157 95.3 49.1 147.4

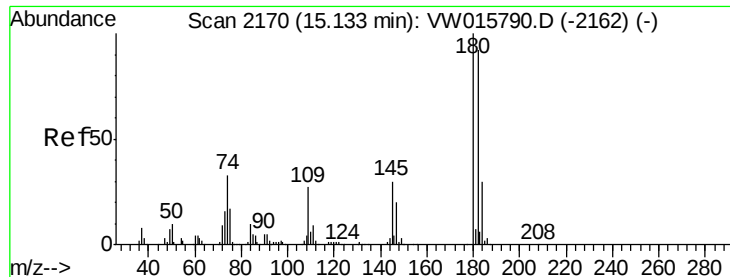


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

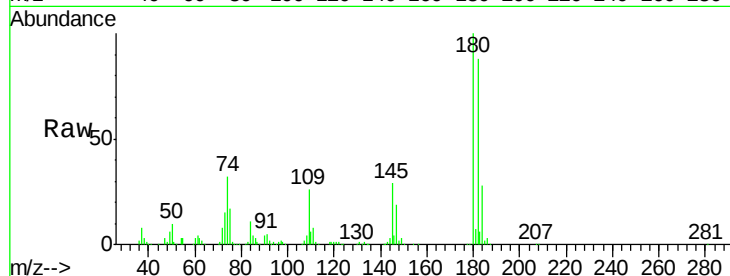




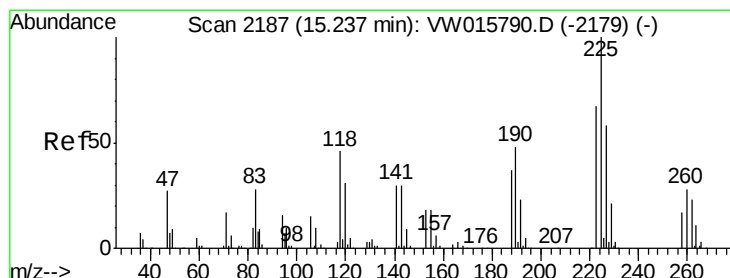
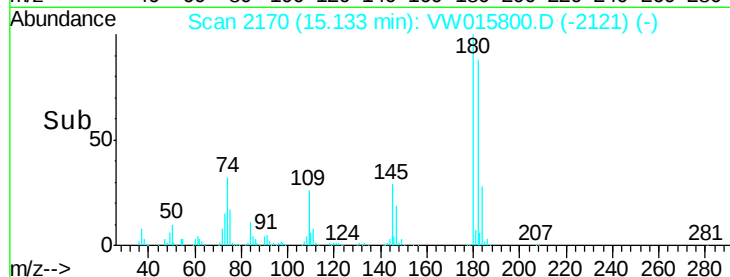
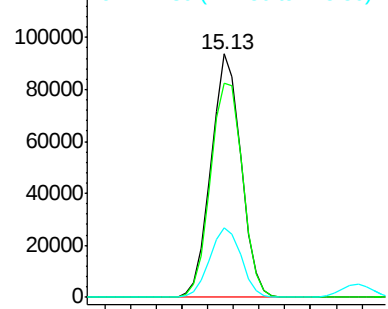
#93
 1,2,4-Trichlorobenzene
 Concen: 52.674 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 150745
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.8 140.3
 145 30.0 15.4 46.4

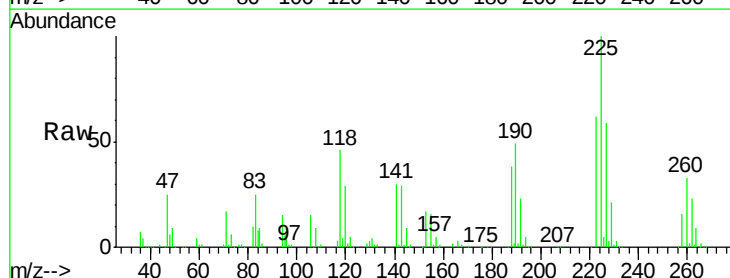


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

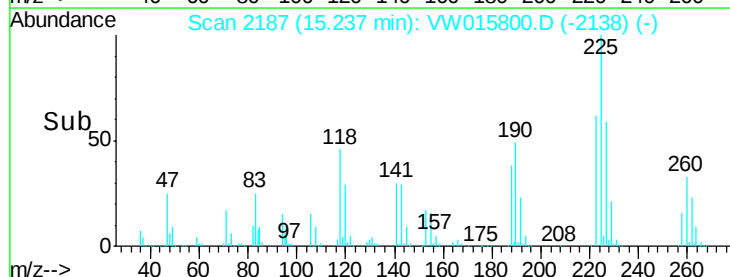
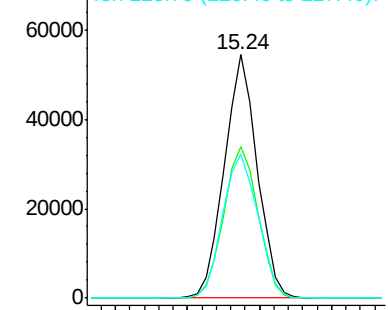


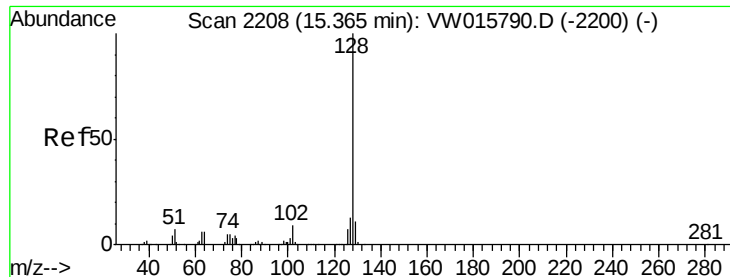
#94
 Hexachlorobutadiene
 Concen: 47.186 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015800.D
 Acq: 07 Jul 2020 19:15

Tgt Ion:225 Resp: 85739
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.4 97.2
 227 63.5 30.7 92.1



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

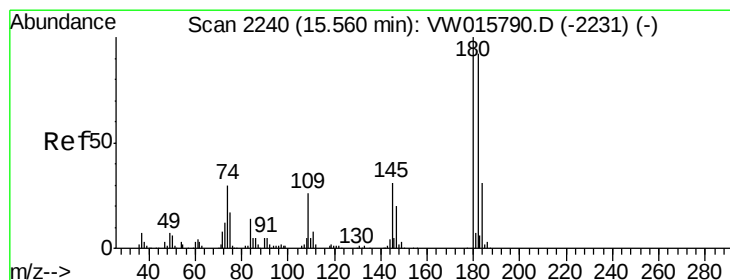
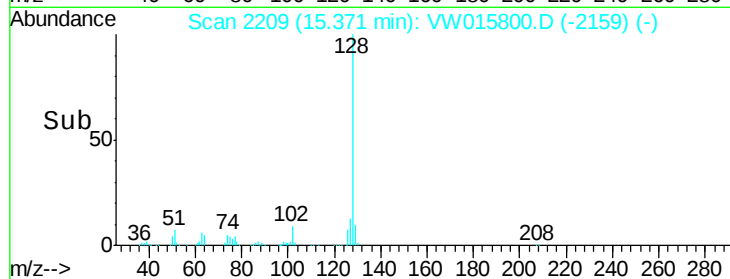
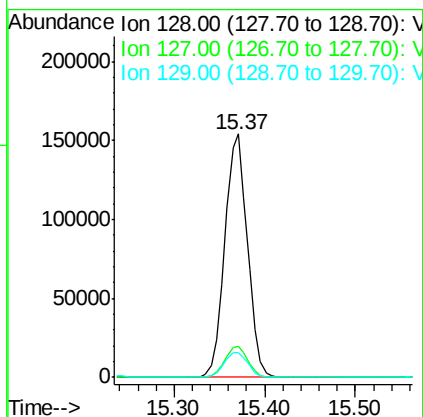
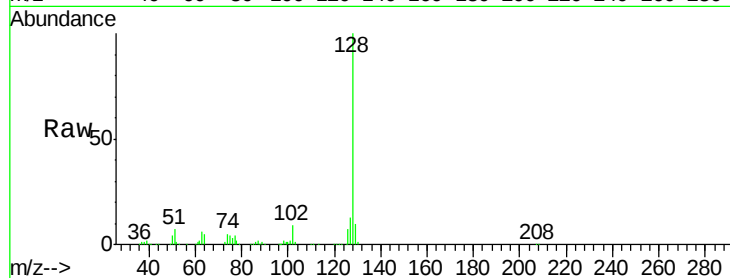




#95
Naphthalene
Concen: 49.856 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 266460
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.828 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015800.D
Acq: 07 Jul 2020 19:15

Tgt Ion:180 Resp: 128646
Ion Ratio Lower Upper
180 100
182 93.5 47.7 143.1
145 32.4 16.7 50.0

