

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015736.D
 Acq On : 25 Jun 2020 18:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 26 01:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	307785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151175	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	108157	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	7.88	113	95830	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.32	98	387533	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	148621	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61701	54.254	ug/l	100
3) Chloromethane	2.21	50	63946	47.883	ug/l	99
4) Vinyl Chloride	2.37	62	108295	50.161	ug/l	99
5) Bromomethane	2.78	94	77692	48.961	ug/l	98
6) Chloroethane	2.93	64	72212	50.826	ug/l	98
7) Trichlorofluoromethane	3.26	101	84346	52.031	ug/l	96
8) Diethyl Ether	3.68	74	48771	52.094	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93558	48.964	ug/l	99
10) Methyl Iodide	4.27	142	136280	50.441	ug/l	100
11) Tert butyl alcohol	5.18	59	33521	290.182	ug/l	100
12) 1,1-Dichloroethene	4.04	96	92967	49.967	ug/l	99
13) Acrolein	3.89	56	30888	209.522	ug/l	99
14) Allyl chloride	4.67	41	149533	49.538	ug/l	98
15) Acrylonitrile	5.37	53	102294	264.830	ug/l	98
16) Acetone	4.12	43	99622	246.936	ug/l	98
17) Carbon Disulfide	4.39	76	258540	48.281	ug/l	99
18) Methyl Acetate	4.67	43	45394	54.831	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	149815	53.504	ug/l	99
20) Methylene Chloride	4.92	84	108471	55.704	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	106354	49.858	ug/l	96
22) Diisopropyl ether	6.31	45	304980	50.800	ug/l	97
23) Vinyl Acetate	6.26	43	934815	267.012	ug/l	100
24) 1,1-Dichloroethane	6.22	63	187760	49.684	ug/l	100
25) 2-Butanone	7.17	43	142065	260.550	ug/l	99
26) 2,2-Dichloropropane	7.17	77	114381	45.126	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	116733	50.871	ug/l	99
28) Bromochloromethane	7.51	49	76869	52.880	ug/l	99
29) Tetrahydrofuran	7.54	42	88136	275.071	ug/l	98
30) Chloroform	7.68	83	193109	49.825	ug/l	100
31) Cyclohexane	7.96	56	170320	46.591	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	161822	48.982	ug/l	99
36) 1,1-Dichloropropene	8.09	75	156127	48.770	ug/l	100
37) Ethyl Acetate	7.26	43	63769	52.170	ug/l	99
38) Carbon Tetrachloride	8.07	117	147057	47.389	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	190464	49.121	ug/l	98
40) Benzene	8.32	78	426423	48.989	ug/l	100
41) Methacrylonitrile	7.49	41	38741	55.225	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	134904	50.097	ug/l	100
43) Isopropyl Acetate	8.43	43	127150	52.127	ug/l	99
44) Trichloroethene	9.09	130	113540	48.393	ug/l	97
45) 1,2-Dichloropropane	9.37	63	105573	49.620	ug/l	96
46) Dibromomethane	9.46	93	55700	50.598	ug/l	99
47) Bromodichloromethane	9.65	83	140538	48.943	ug/l	98
48) Methyl methacrylate	9.44	41	60311	54.082	ug/l	99
49) 1,4-Dioxane	9.45	88	18601	1288.057	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	319163	271.323	ug/l	100
52) Toluene	10.39	92	285134	50.730	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	139825	50.405	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	164665	49.689	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	77343	50.532	ug/l	95
56) Ethyl methacrylate	10.65	69	104722	54.989	ug/l	97
57) 1,3-Dichloropropane	10.93	76	140471	51.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	240160	266.485	ug/l	99
59) 2-Hexanone	10.97	43	221633	276.753	ug/l	100
60) Dibromochloromethane	11.13	129	91740	51.435	ug/l	99
61) 1,2-Dibromoethane	11.24	107	76366	52.198	ug/l	100
64) Tetrachloroethene	10.87	164	95733	47.152	ug/l	97
65) Chlorobenzene	11.66	112	302514	49.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	103128	48.270	ug/l	97
67) Ethyl Benzene	11.73	91	566539	49.959	ug/l	98
68) m/p-Xylenes	11.84	106	430255	101.042	ug/l	100
69) o-Xylene	12.17	106	199843	51.043	ug/l	98
70) Styrene	12.18	104	346568	51.810	ug/l	100
71) Bromoform	12.35	173	49538	50.394	ug/l #	97
73) Isopropylbenzene	12.46	105	565051	48.998	ug/l	99
74) N-amyl acetate	12.27	43	126132	51.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	93198	50.516	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	119884	86.939	ug/l	28
77) Bromobenzene	12.75	156	124320	48.346	ug/l	99
78) n-propylbenzene	12.80	91	673404	48.512	ug/l	99
79) 2-Chlorotoluene	12.89	91	382152	48.894	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	479188	49.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	26817	49.008	ug/l	95
82) 4-Chlorotoluene	12.99	91	397575	48.082	ug/l	98
83) tert-Butylbenzene	13.21	119	404509	48.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	481829	49.444	ug/l	100
85) sec-Butylbenzene	13.38	105	581593	49.289	ug/l	99
86) p-Isopropyltoluene	13.50	119	538383	50.218	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	251326	49.234	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	241496	47.767	ug/l	96
89) n-Butylbenzene	13.82	91	511435	49.694	ug/l	99
90) Hexachloroethane	14.10	117	91150	47.775	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	212971	48.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15069	51.008	ug/l	97

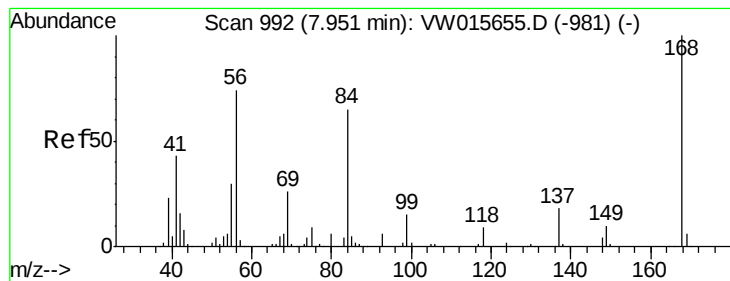
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	147053	50.453	ug/l	99
94) Hexachlorobutadiene	15.24	225	88536	47.681	ug/l	98
95) Naphthalene	15.37	128	266723	55.328	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	128420	51.175	ug/l	97

(#) = 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: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

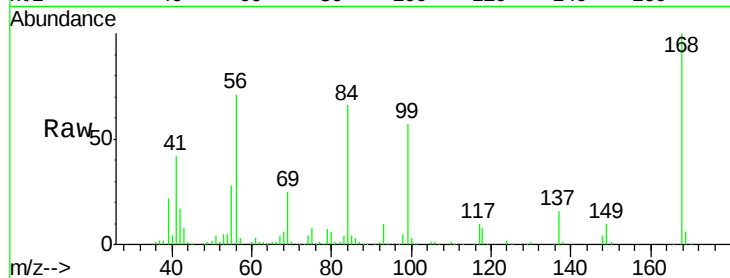
VSTDCCC050EC

Tot Ion:168 Resp: 190734

Ion Ratio Lower Upper

168 100

99 57.1 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

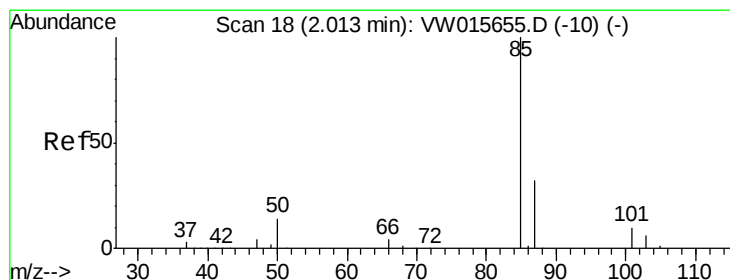
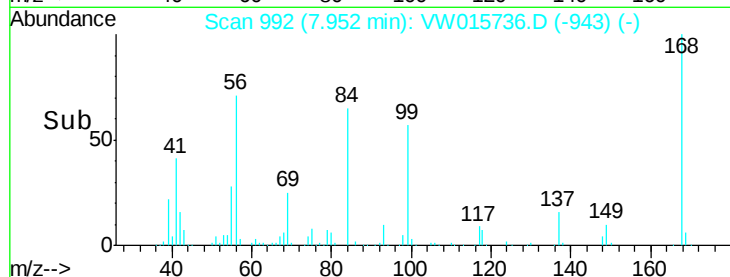
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 54.254 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015736.D

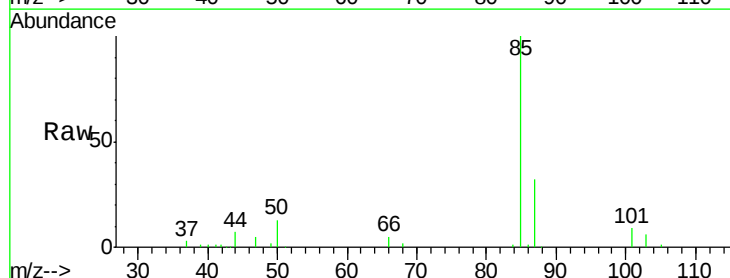
Acq: 25 Jun 2020 18:26

Tgt Ion: 85 Resp: 61701

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

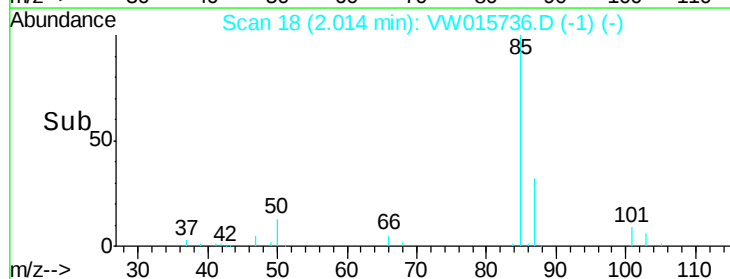
10000

5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 47.883 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

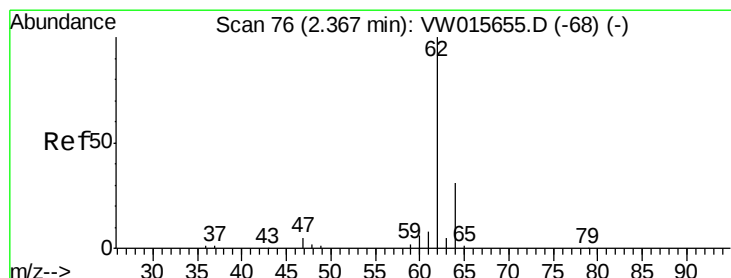
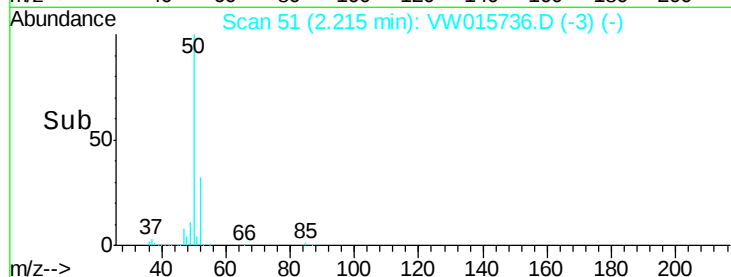
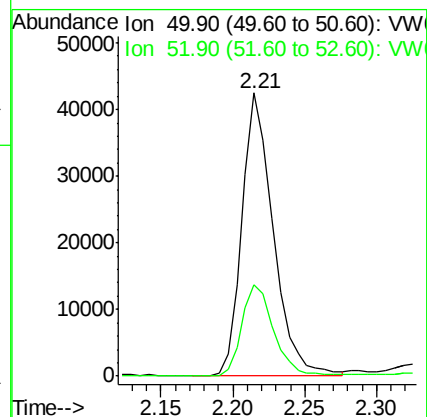
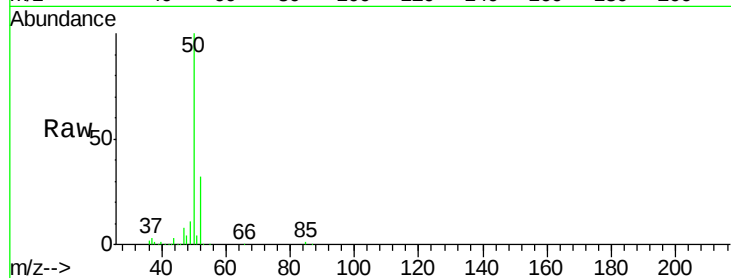
VSTDCCC050EC

Tot Ion: 50 Resp: 63946

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 50.161 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015736.D

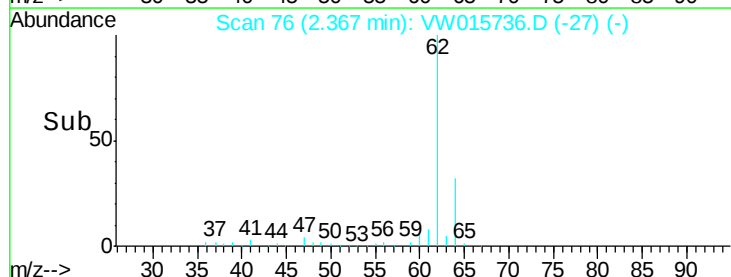
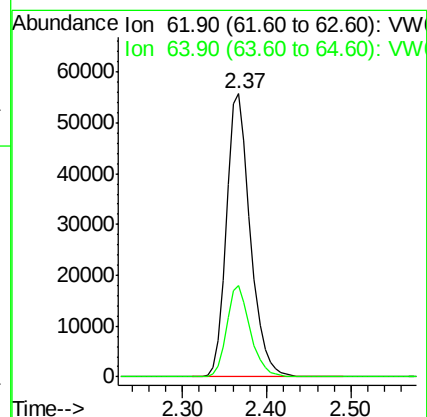
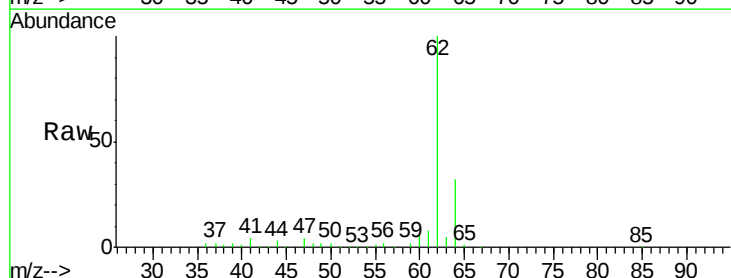
Acq: 25 Jun 2020 18:26

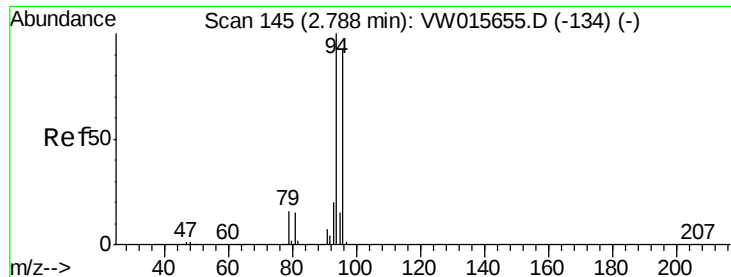
Tgt Ion: 62 Resp: 108295

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 48.961 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

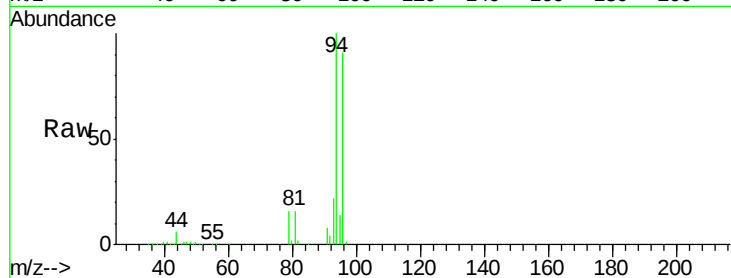
VSTDCCC050EC

Tot Ion: 94 Resp: 77692

Ion Ratio Lower Upper

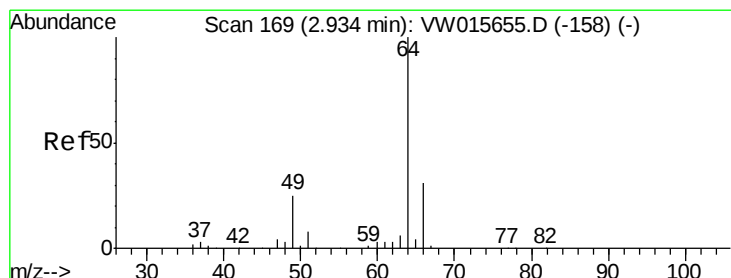
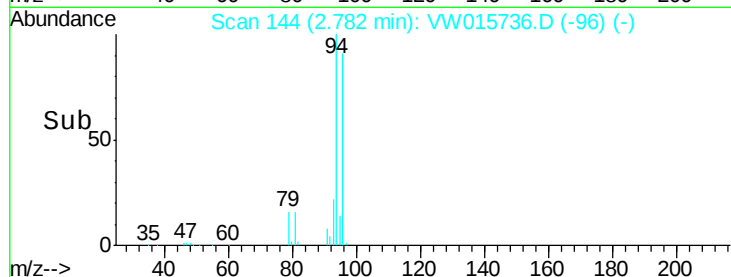
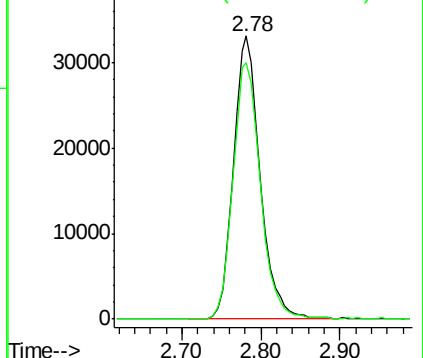
94 100

96 90.8 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 50.826 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015736.D

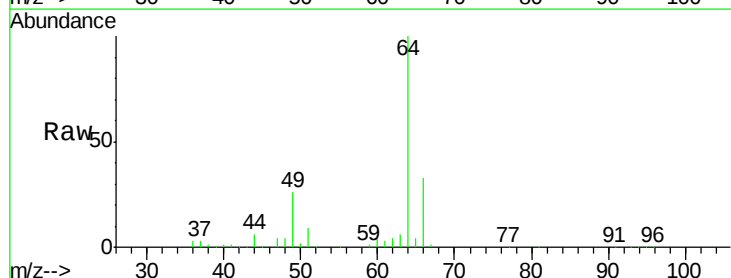
Acq: 25 Jun 2020 18:26

Tgt Ion: 64 Resp: 72212

Ion Ratio Lower Upper

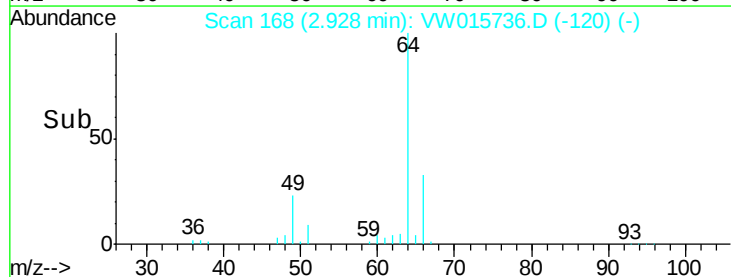
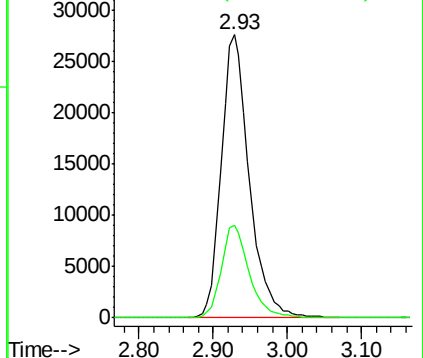
64 100

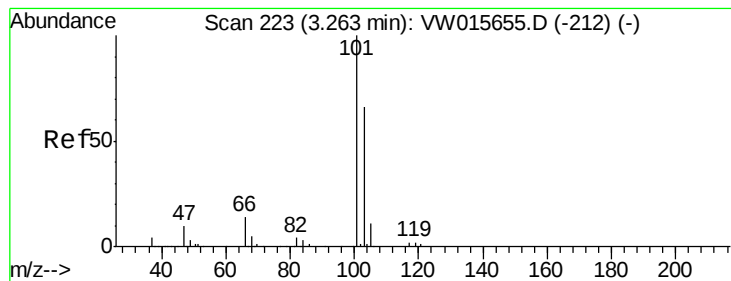
66 32.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



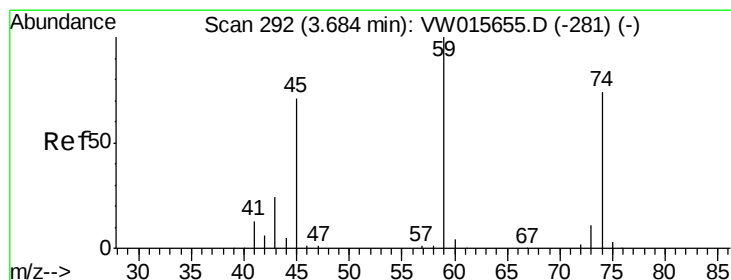
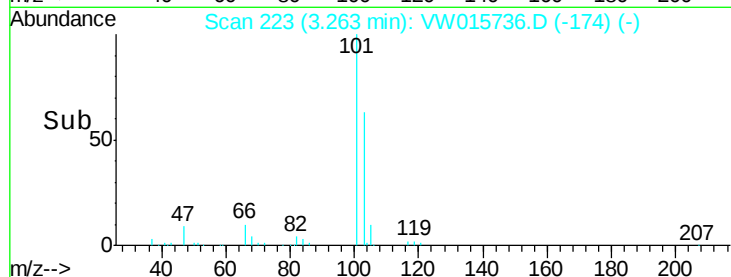
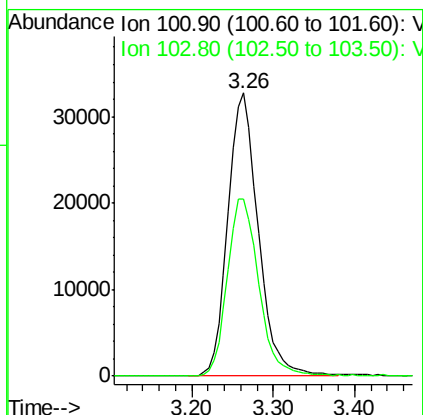
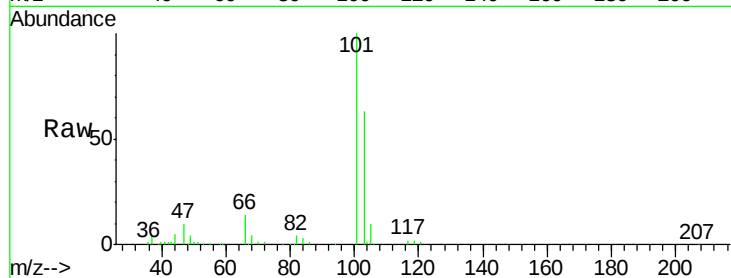


#7

Trichlorofluoromethane
Concen: 52.031 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015736.D
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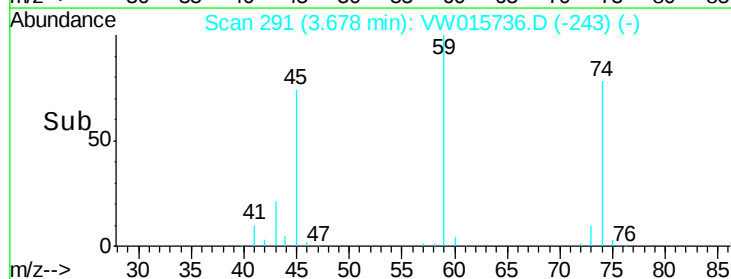
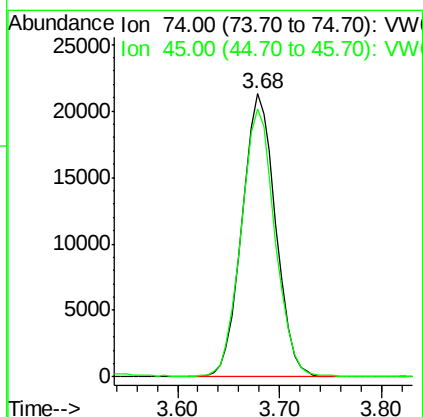
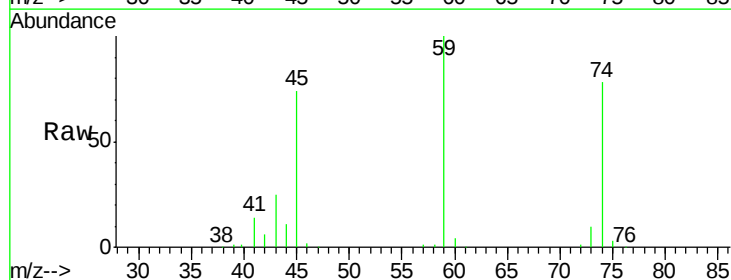
Tot Ion:101 Resp: 84346
Ion Ratio Lower Upper
101 100
103 62.7 52.6 78.8

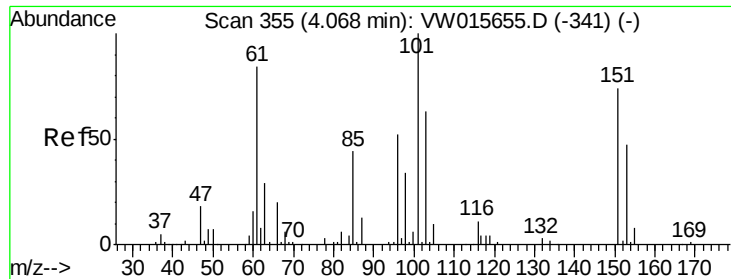


#8

Diethyl Ether
Concen: 52.094 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 74 Resp: 48771
Ion Ratio Lower Upper
74 100
45 96.1 48.2 144.6

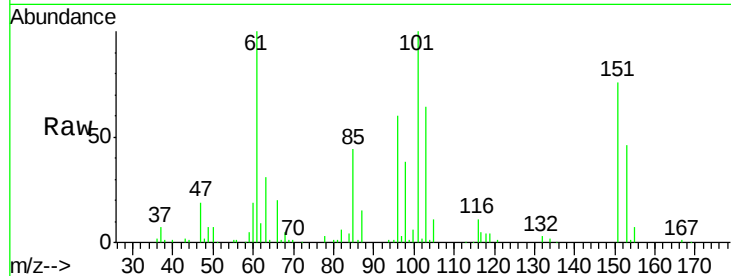




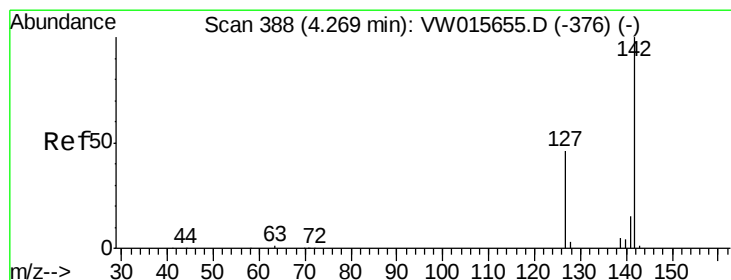
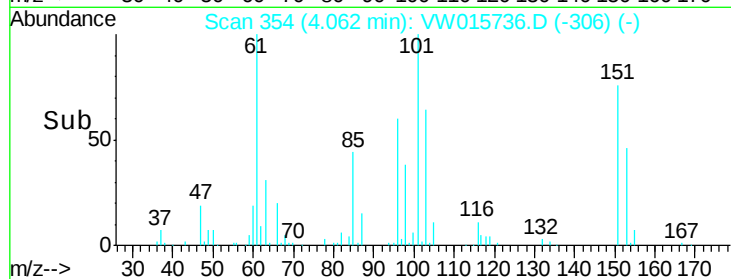
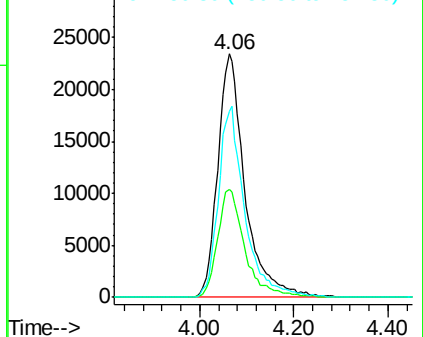
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.964 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 93558
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.6 55.0
 151 75.7 60.4 90.6

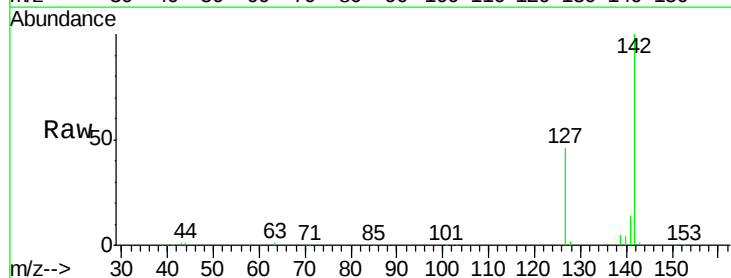


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

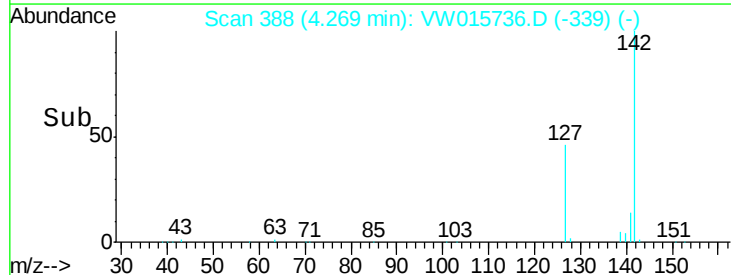
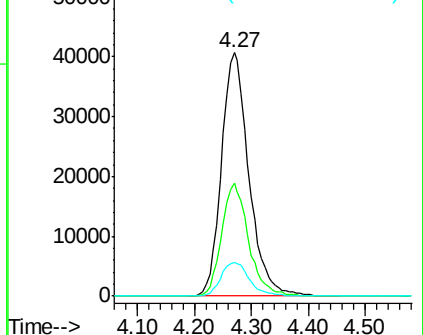


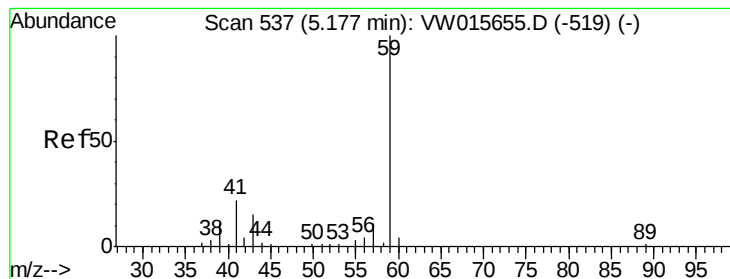
#10
 Methyl Iodide
 Concen: 50.441 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion:142 Resp: 136280
 Ion Ratio Lower Upper
 142 100
 127 45.4 36.4 54.6
 141 14.4 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



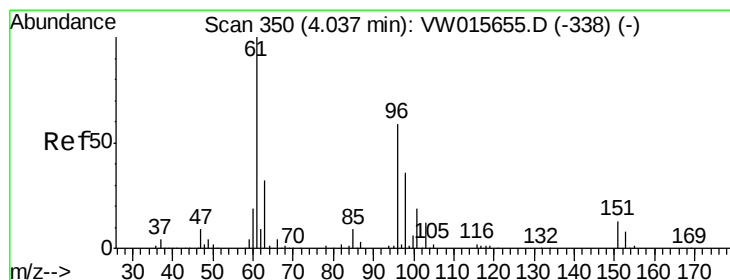
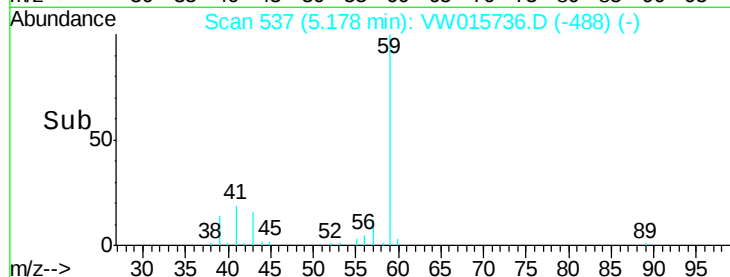
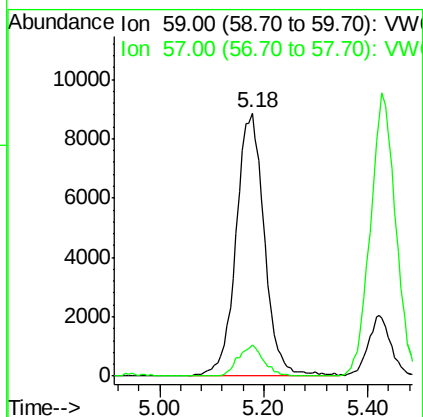
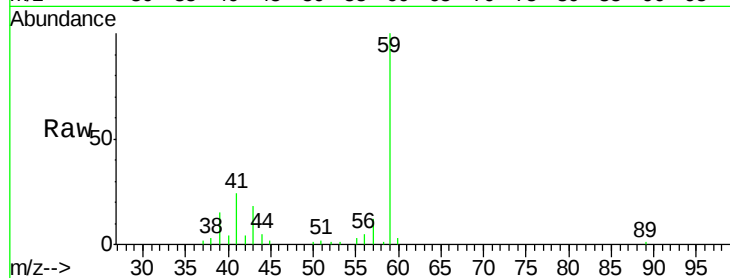


#11

Tert butyl alcohol
 Concen: 290.182 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

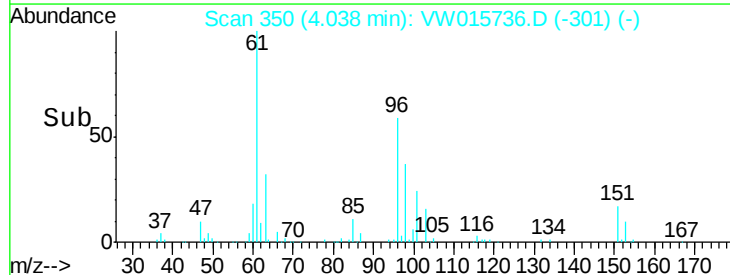
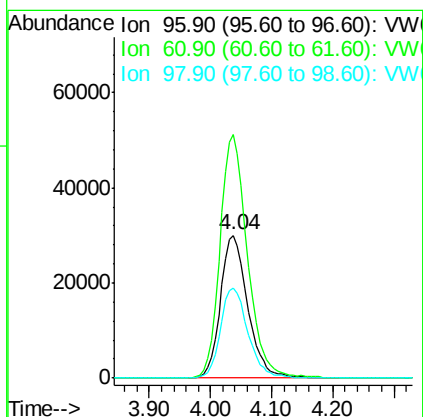
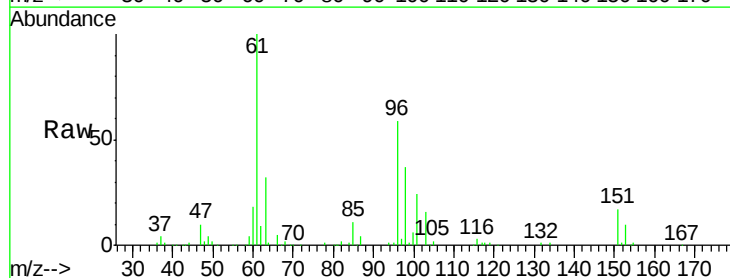
Tot Ion: 59 Resp: 33521
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

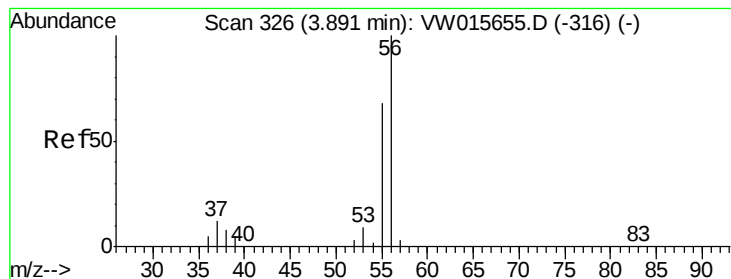


#12

1,1-Dichloroethene
 Concen: 49.967 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 96 Resp: 92967
 Ion Ratio Lower Upper
 96 100
 61 170.3 136.7 205.1
 98 62.6 49.2 73.8





#13

Acrolein

Concen: 209.522 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

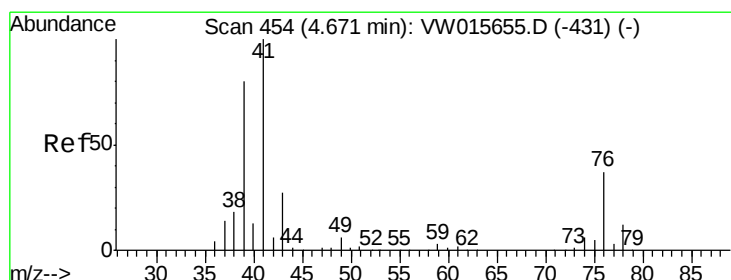
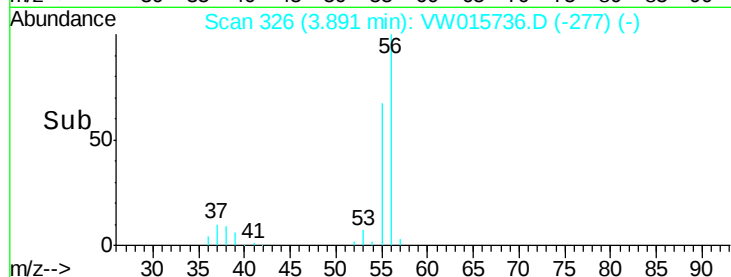
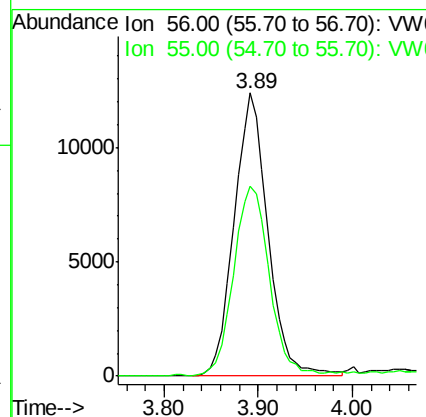
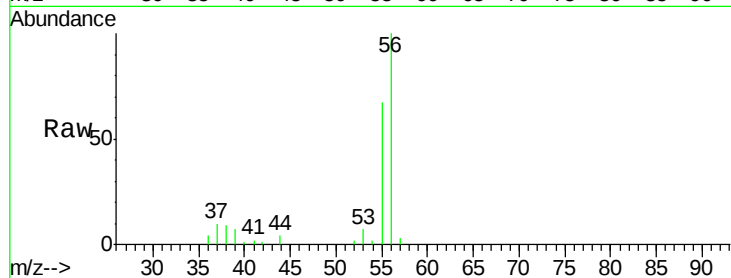
VSTDCCC050EC

Tot Ion: 56 Resp: 30888

Ion Ratio Lower Upper

56 100

55 70.8 56.2 84.2



#14

Allyl chloride

Concen: 49.538 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

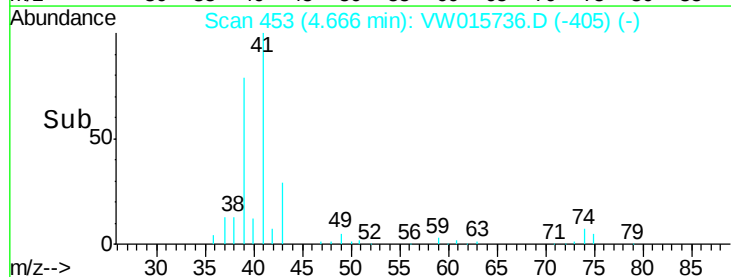
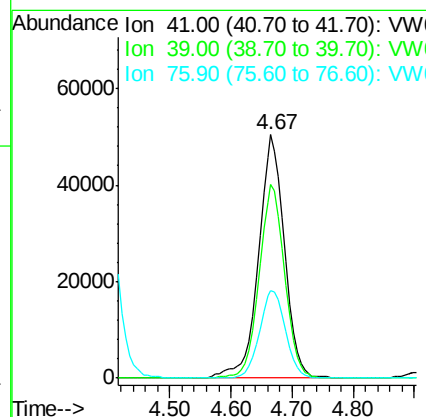
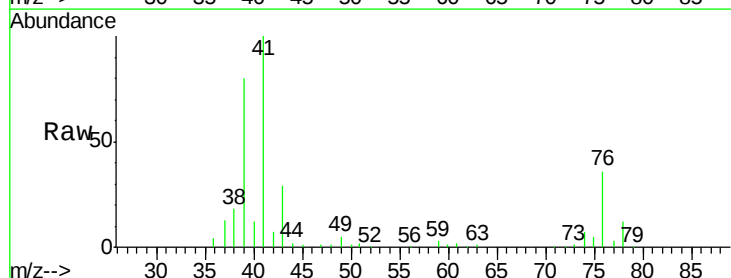
Tgt Ion: 41 Resp: 149533

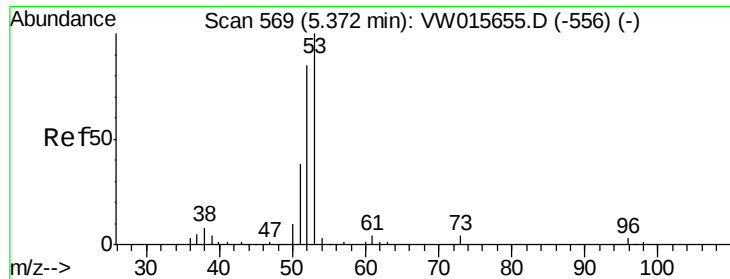
Ion Ratio Lower Upper

41 100

39 78.7 64.6 97.0

76 35.8 29.1 43.7

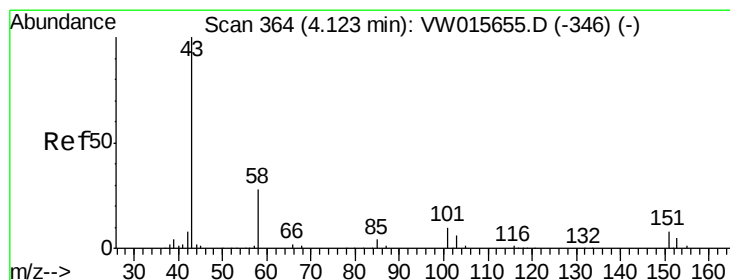
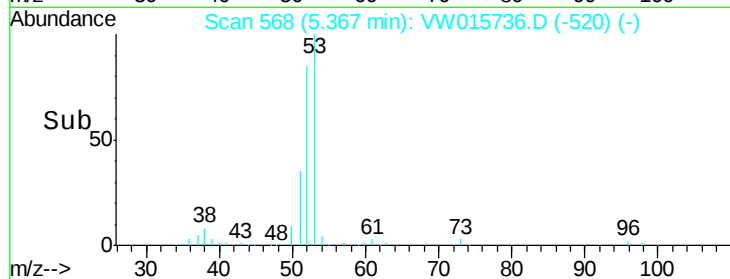
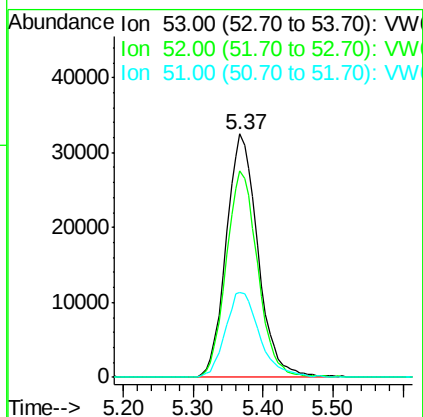
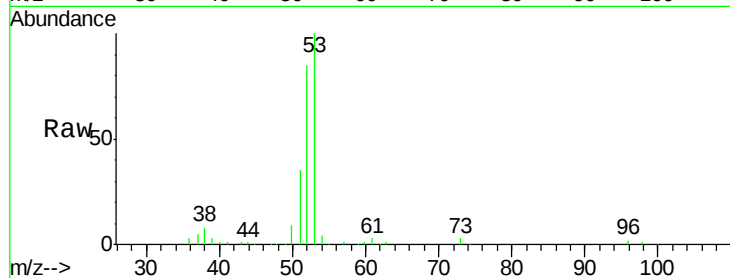




#15
 Acrylonitrile
 Concen: 264.830 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

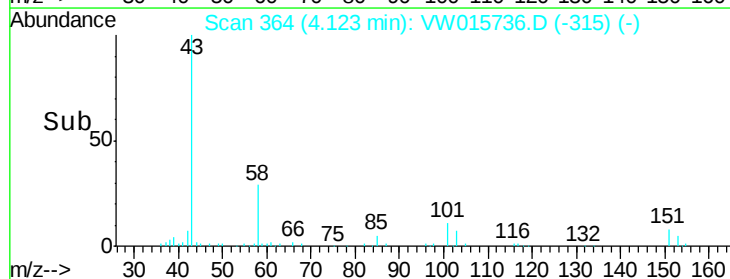
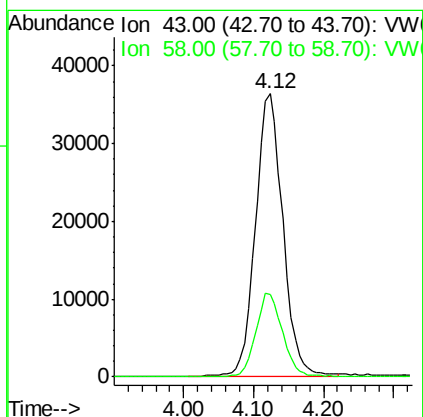
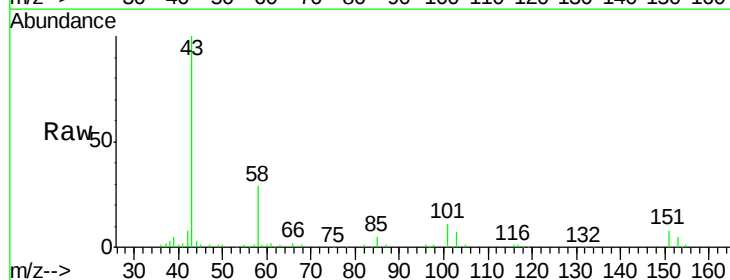
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

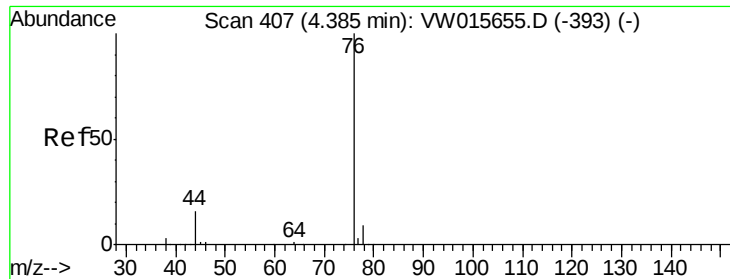
Tot Ion: 53 Resp: 102294
 Ion Ratio Lower Upper
 53 100
 52 84.6 65.8 98.6
 51 37.7 30.7 46.1



#16
 Acetone
 Concen: 246.936 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 43 Resp: 99622
 Ion Ratio Lower Upper
 43 100
 58 29.0 22.6 33.8

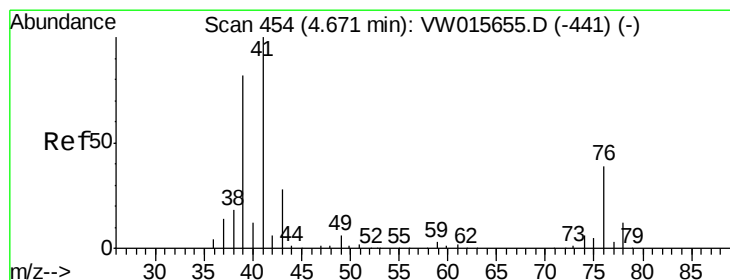
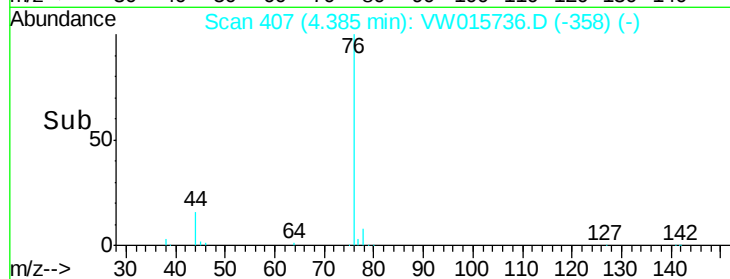
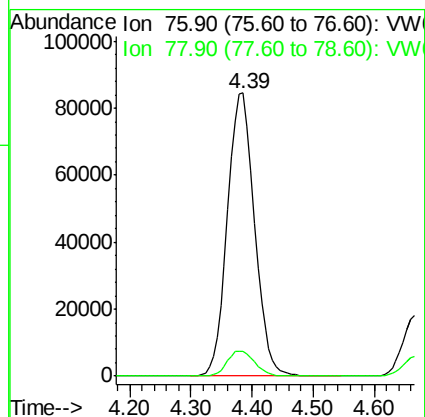
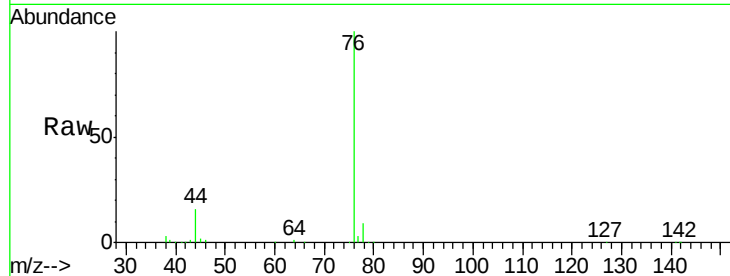




#17
Carbon Disulfide
Concen: 48.281 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

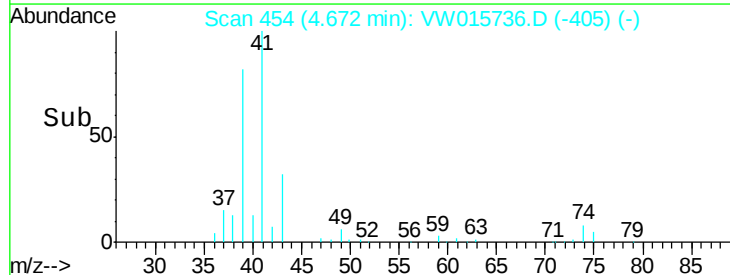
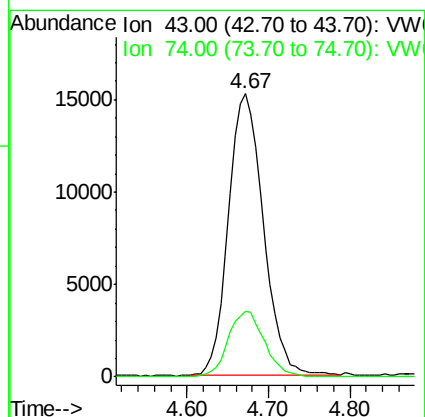
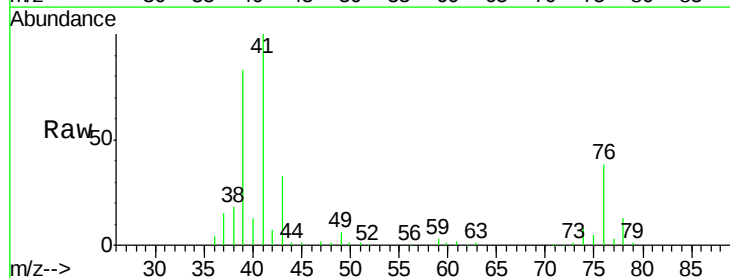
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

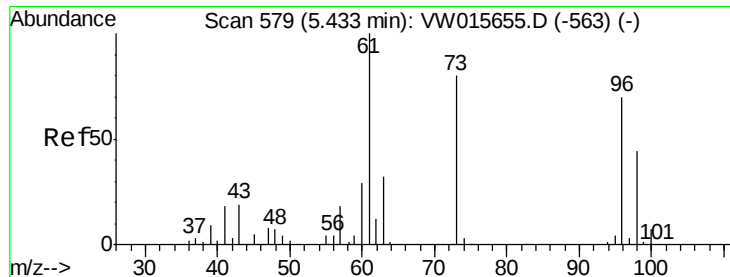
Tot Ion: 76 Resp: 258540
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 54.831 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 43 Resp: 45394
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.6

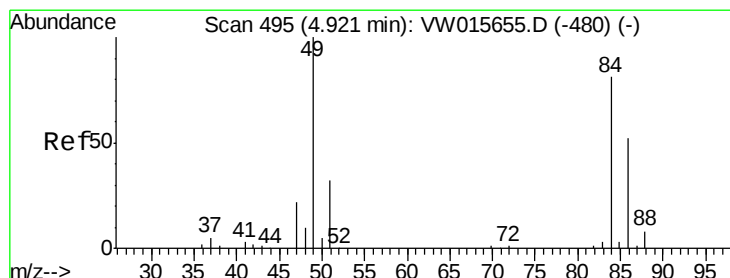
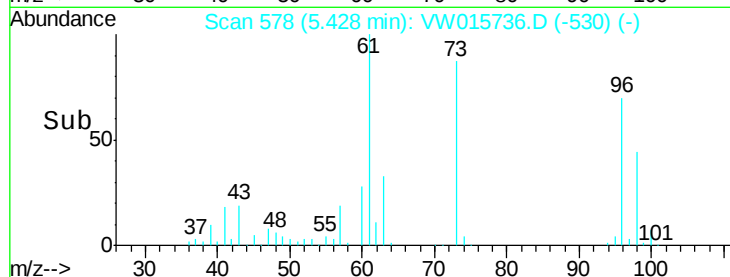
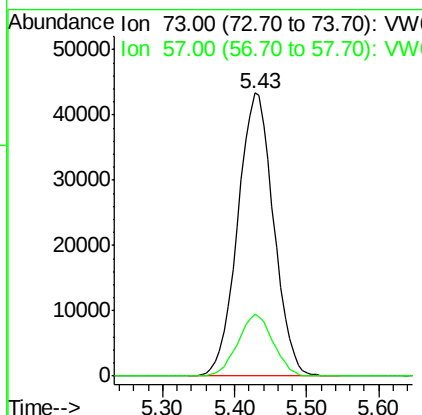
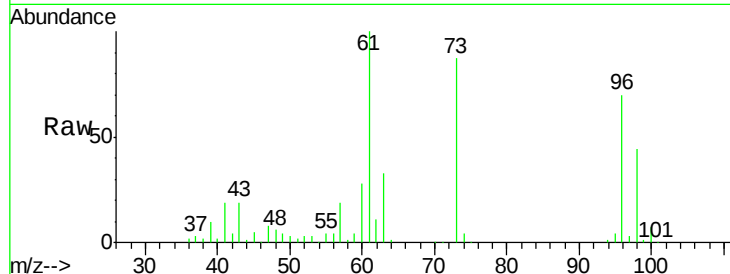




#19
Methvl tert-butvl Ether
Concen: 53.504 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

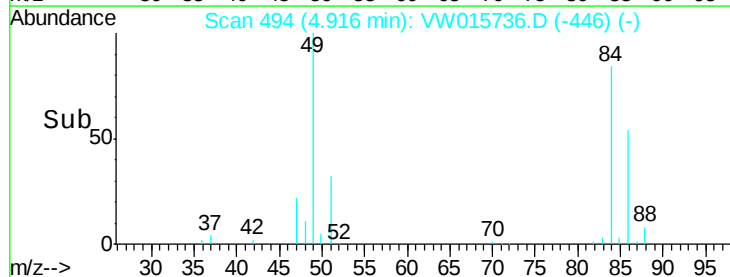
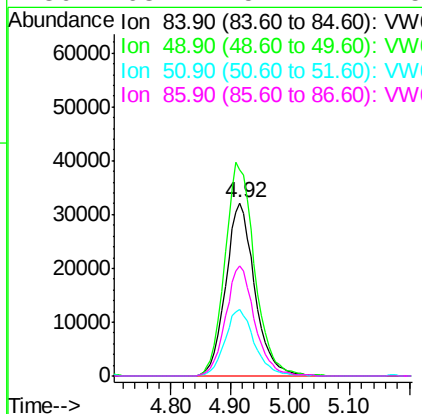
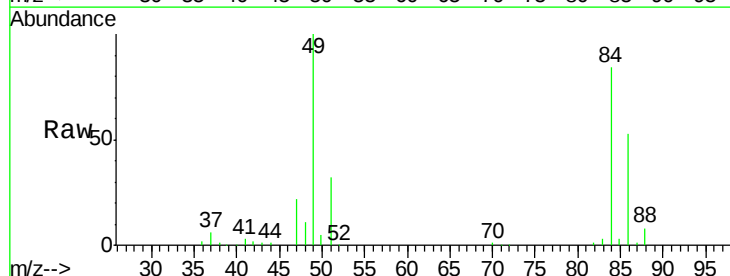
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

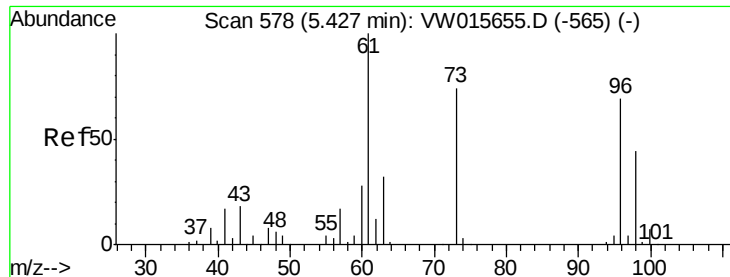
Tot Ion: 73 Resp: 149815
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1



#20
Methylene Chloride
Concen: 55.704 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 84 Resp: 108471
Ion Ratio Lower Upper
84 100
49 119.4 99.3 148.9
51 38.5 31.8 47.6
86 63.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 49.858 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

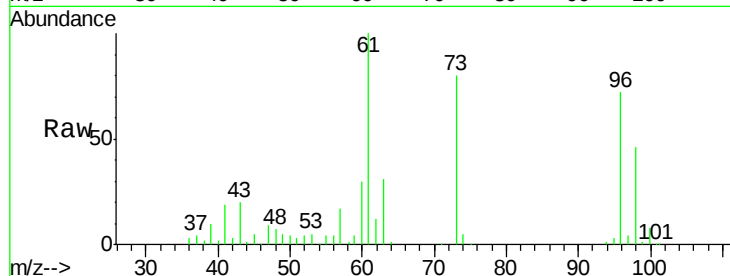
Tot Ion: 96 Resp: 106354

Ion Ratio Lower Upper

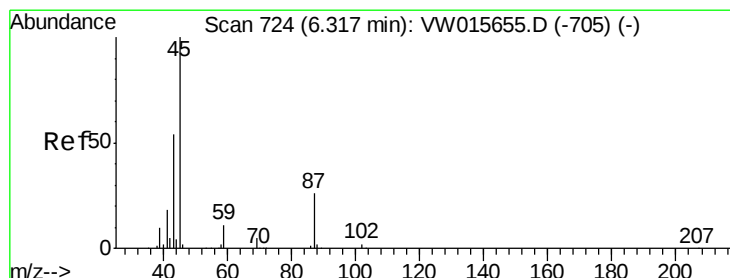
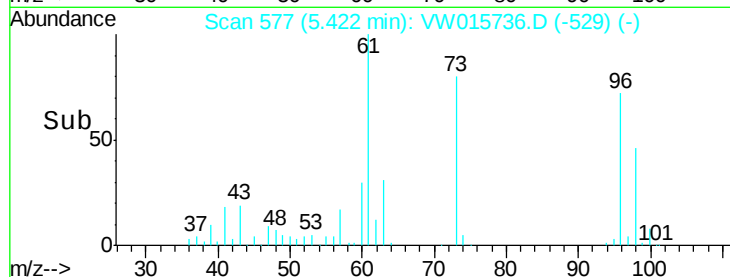
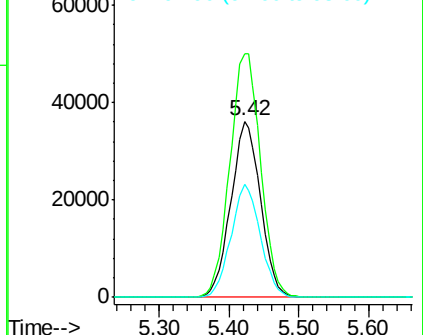
96 100

61 138.5 116.2 174.2

98 64.2 51.4 77.0



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



#22

Diisopropyl ether

Concen: 50.800 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Tgt Ion: 45 Resp: 304980

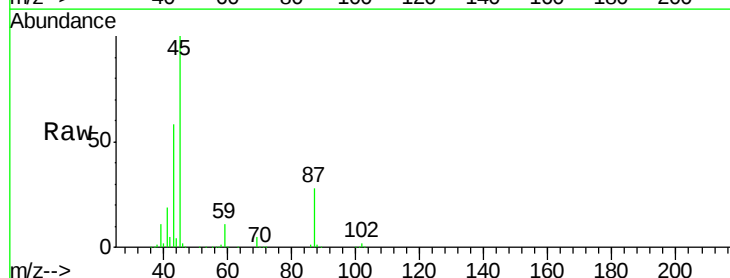
Ion Ratio Lower Upper

45 100

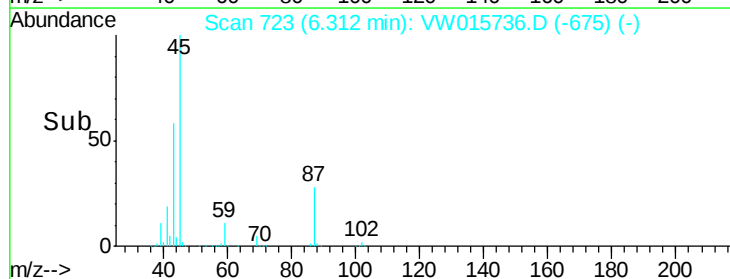
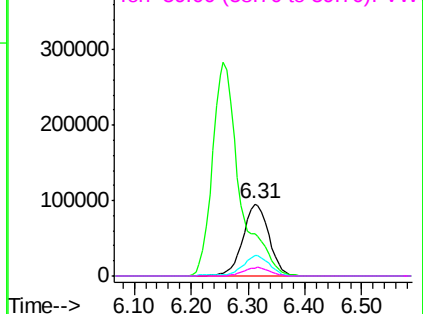
43 58.1 43.9 65.9

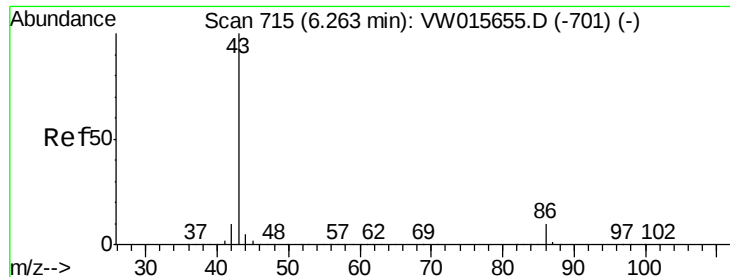
87 27.7 21.2 31.8

59 11.4 9.2 13.8



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





#23

Vinyl Acetate

Concen: 267.012 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

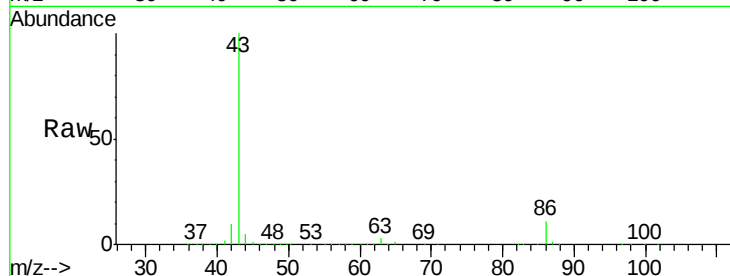
VSTDCCC050EC

Tot Ion: 43 Resp: 934815

Ion Ratio Lower Upper

43 100

86 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

300000

250000

200000

150000

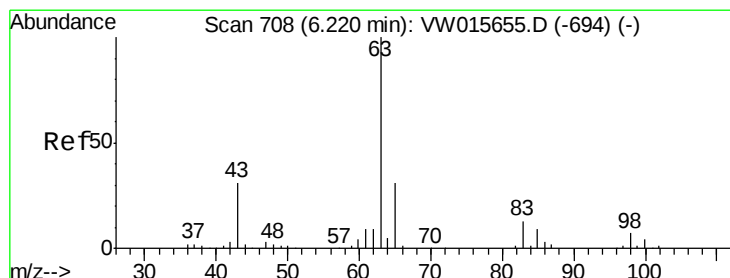
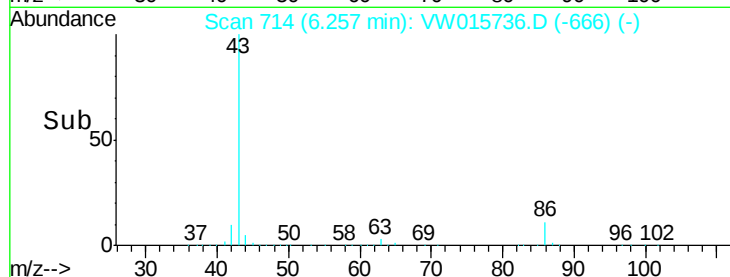
100000

50000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 49.684 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

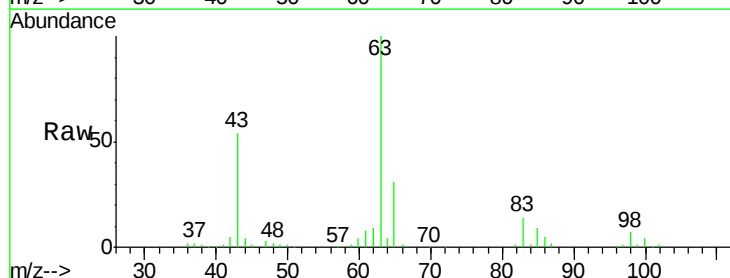
Tgt Ion: 63 Resp: 187760

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

80000

60000

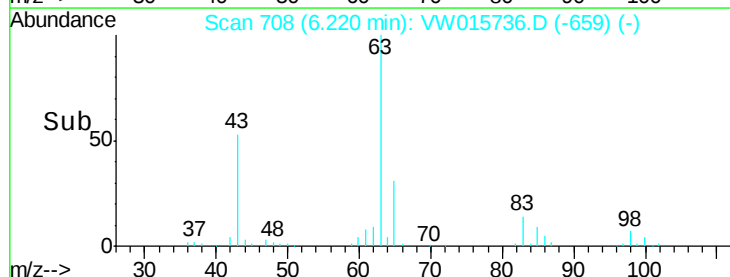
40000

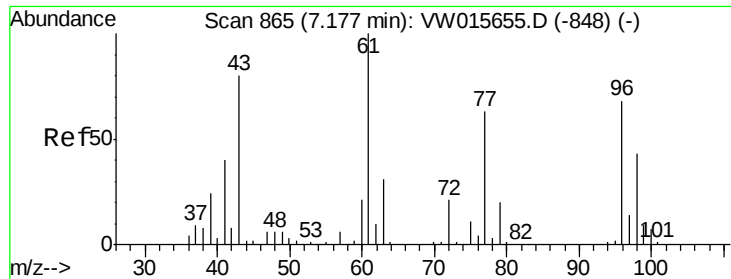
20000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 260.550 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

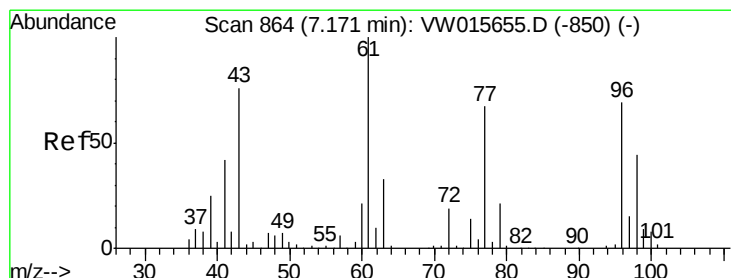
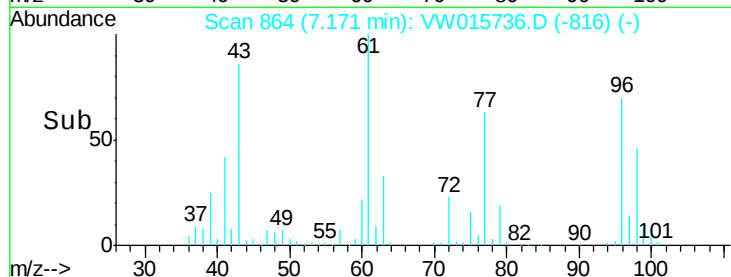
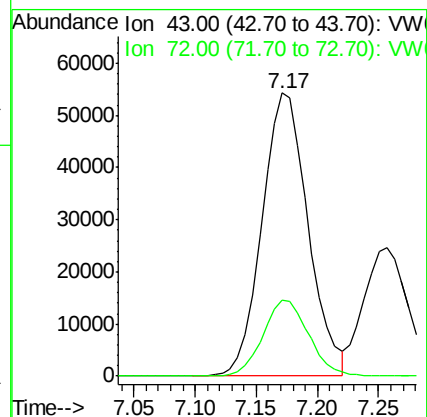
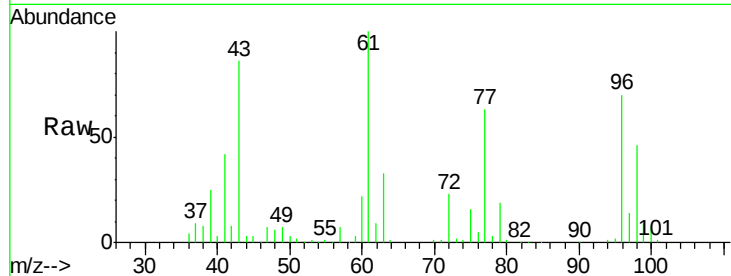
VSTDCCC050EC

Tot Ion: 43 Resp: 142065

Ion Ratio Lower Upper

43 100

72 26.8 21.1 31.7



#26

2,2-Dichloropropane

Concen: 45.126 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015736.D

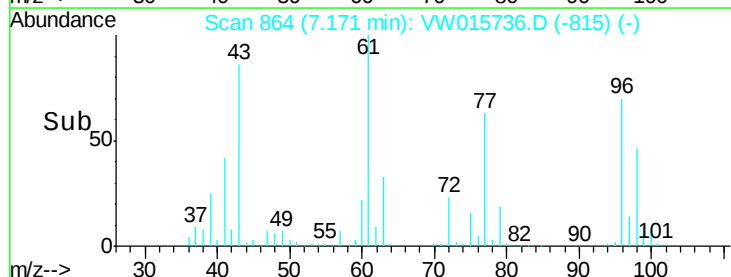
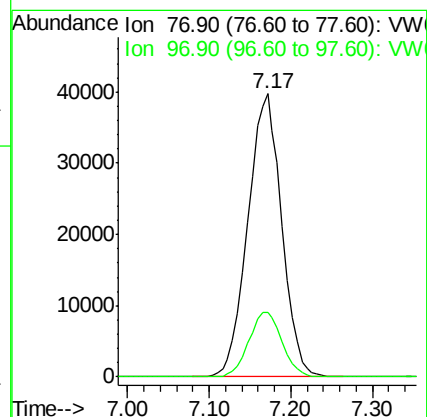
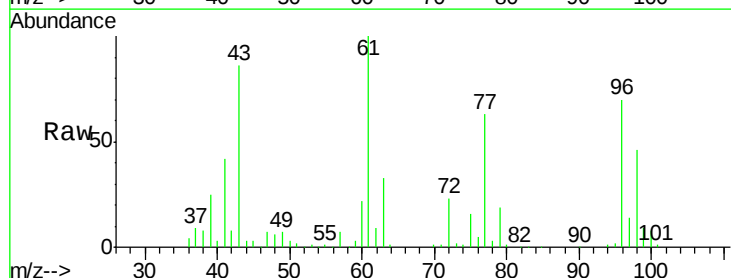
Acq: 25 Jun 2020 18:26

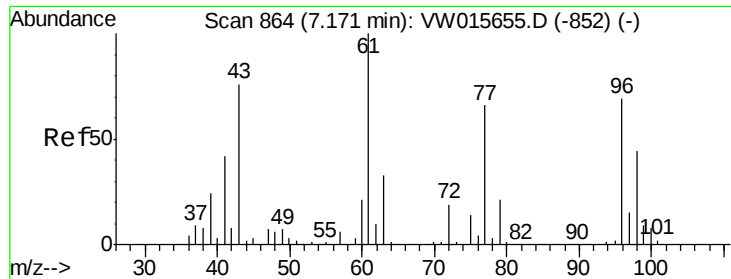
Tgt Ion: 77 Resp: 114381

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5



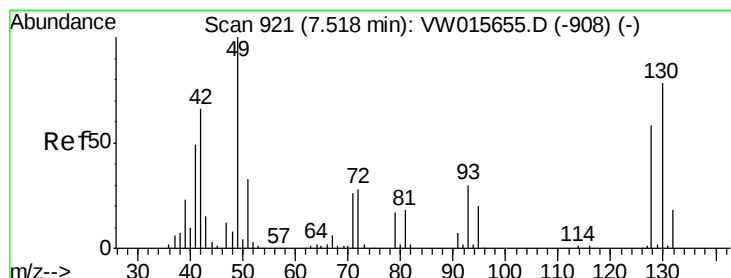
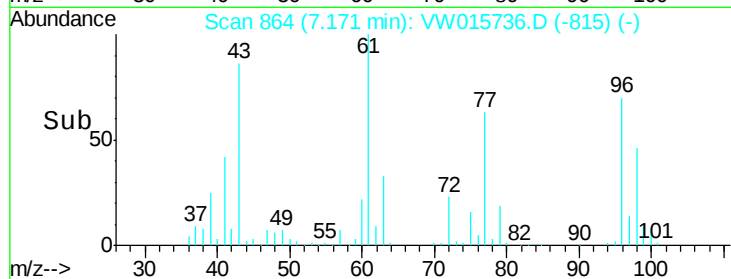
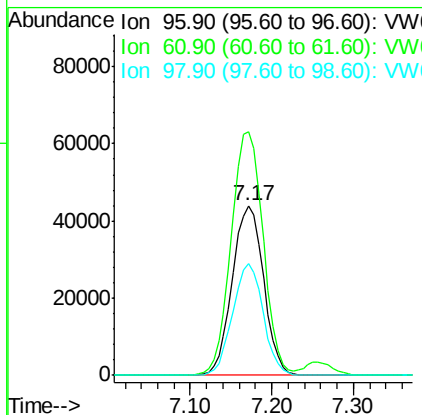
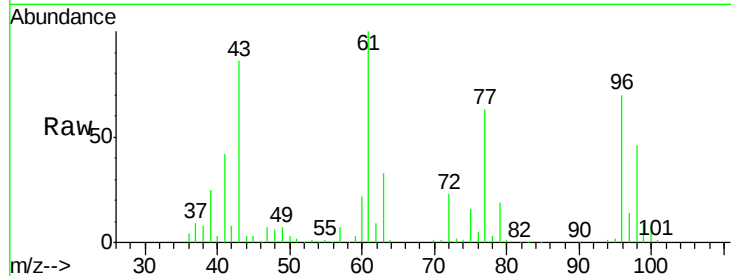


#27

cis-1,2-Dichloroethene
Concen: 50.871 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

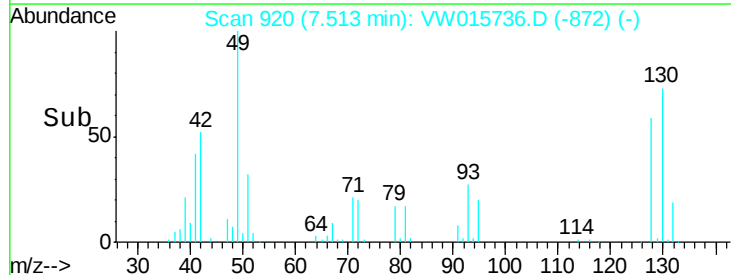
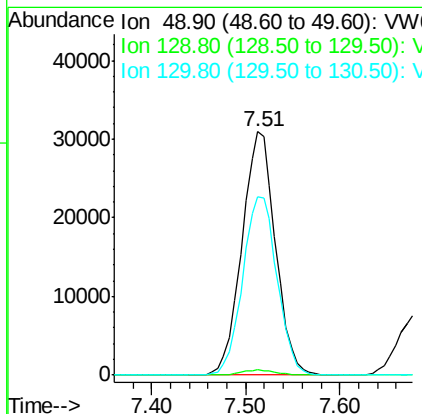
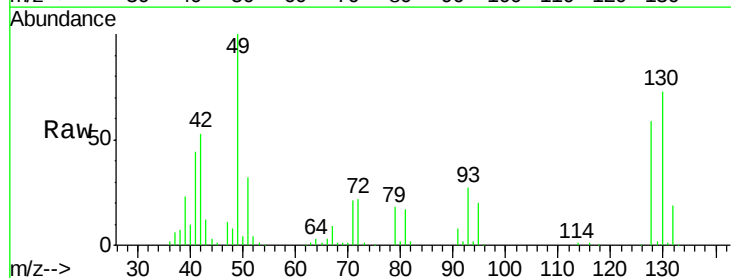
Tot Ion: 96 Resp: 116733
Ion Ratio Lower Upper
96 100
61 146.5 0.0 296.8
98 64.1 0.0 128.0



#28

Bromochloromethane
Concen: 52.880 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 49 Resp: 76869
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.2
130 75.6 61.0 91.4

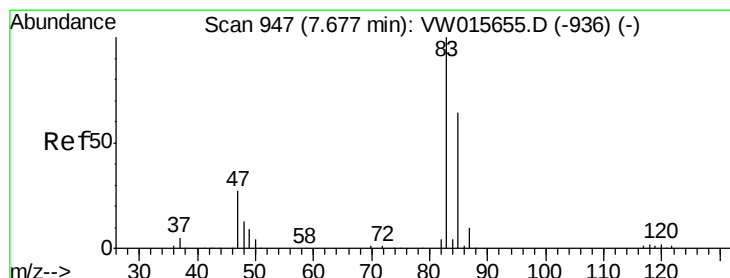
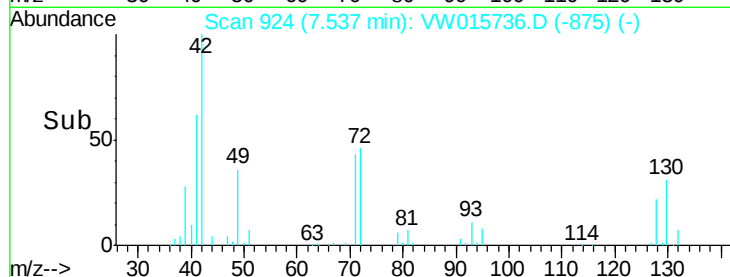
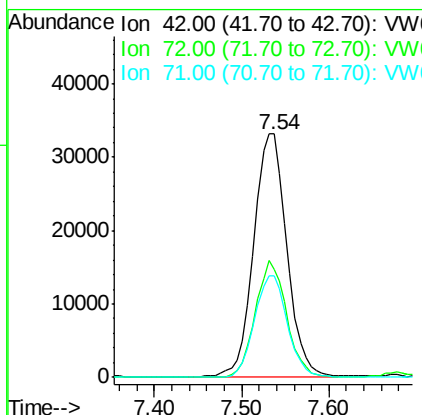
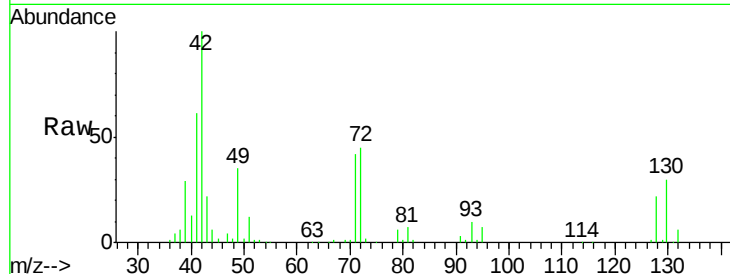




#29
Tetrahydrofuran
Concen: 275.071 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

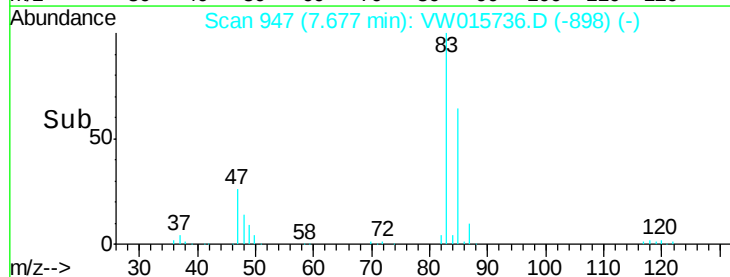
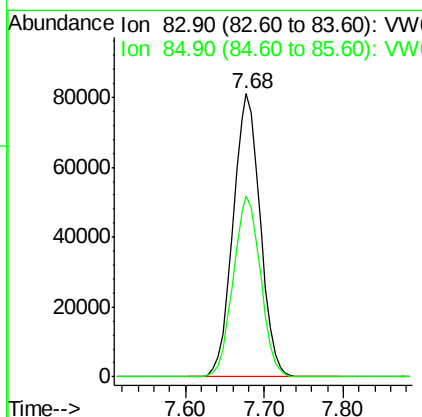
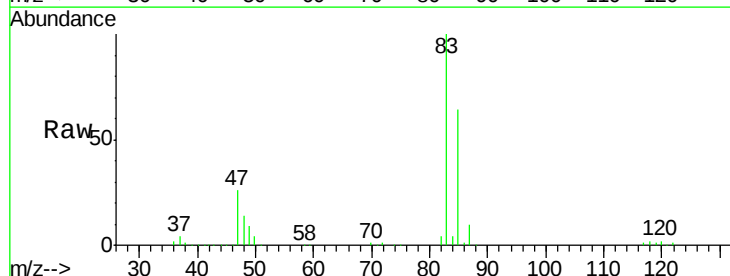
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

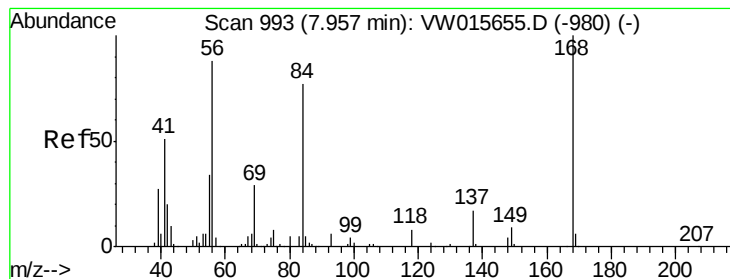
Tot Ion: 42 Resp: 88136
Ion Ratio Lower Upper
42 100
72 45.3 35.0 52.6
71 41.4 32.6 49.0



#30
Chloroform
Concen: 49.825 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 83 Resp: 193109
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4





#31

Cyclohexane

Concen: 46.591 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

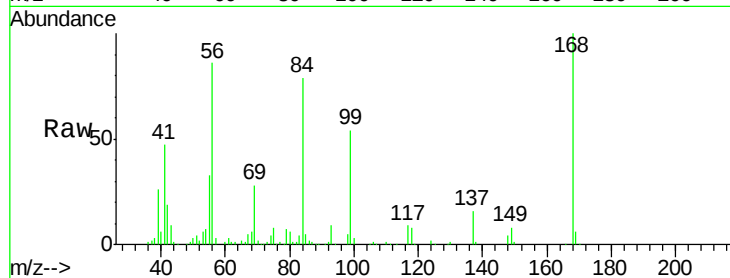
Tot Ion: 56 Resp: 170320

Ion Ratio Lower Upper

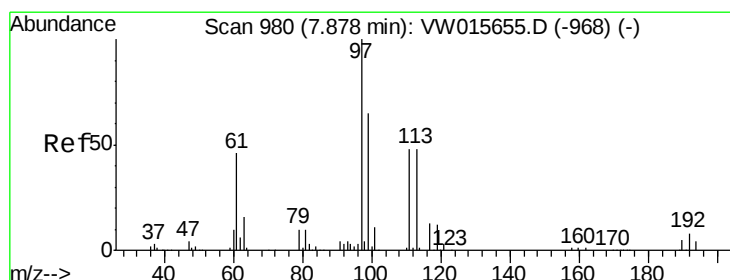
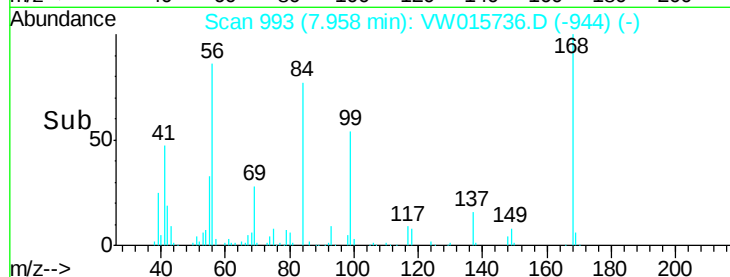
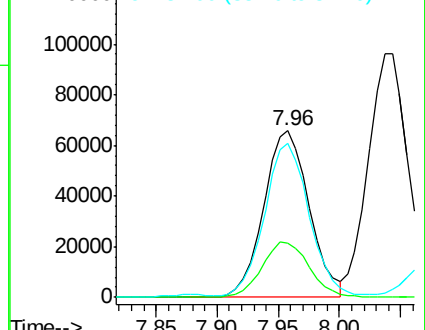
56 100

69 32.8 26.2 39.4

84 90.4 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 48.982 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

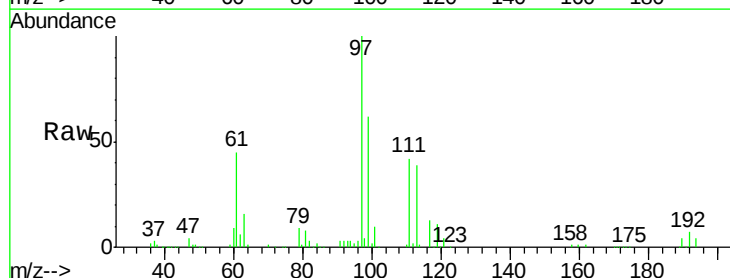
Tgt Ion: 97 Resp: 161822

Ion Ratio Lower Upper

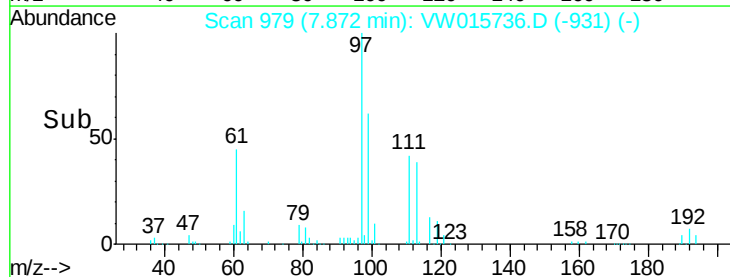
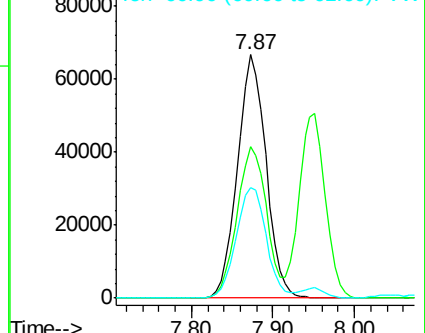
97 100

99 65.1 51.9 77.9

61 47.5 37.3 55.9



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





#33

1,2-Dichloroethane-d4

Concen: 50.965 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

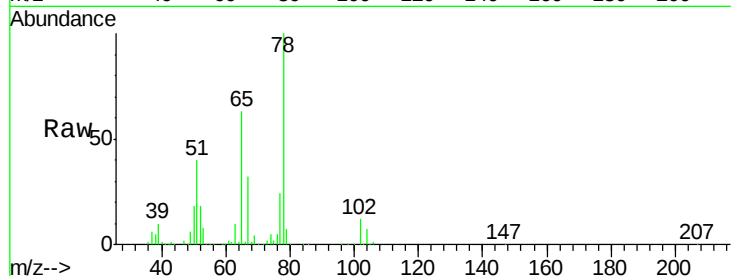
VSTDCCC050EC

Tot Ion: 65 Resp: 108157

Ion Ratio Lower Upper

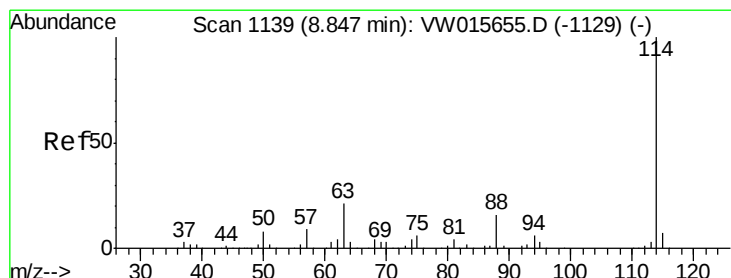
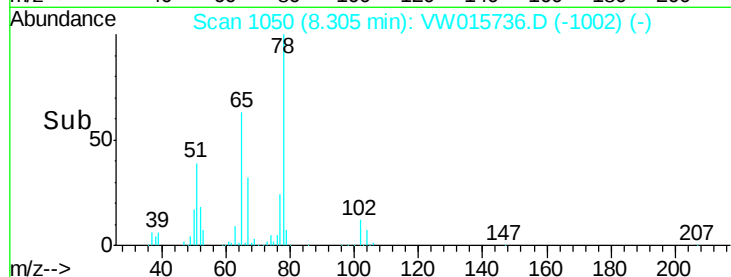
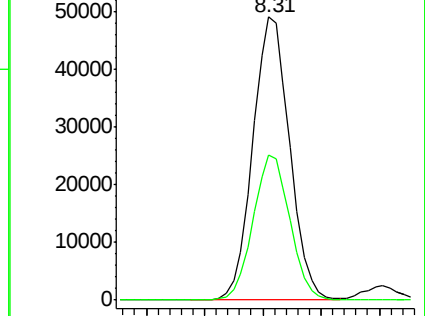
65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

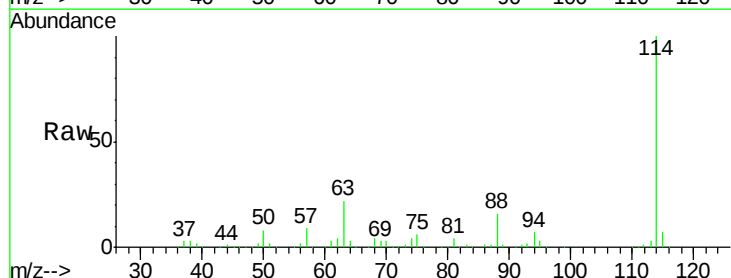
Tgt Ion: 114 Resp: 307785

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

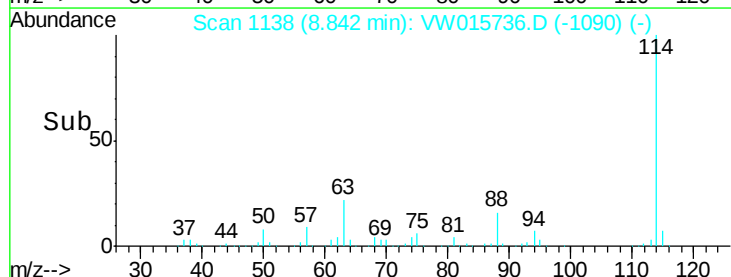
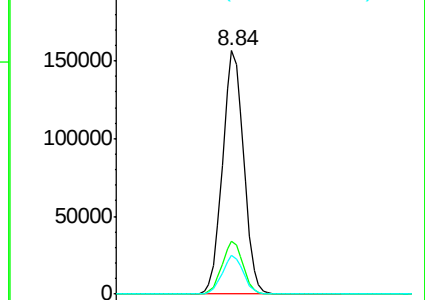
88 16.0 0.0 32.6

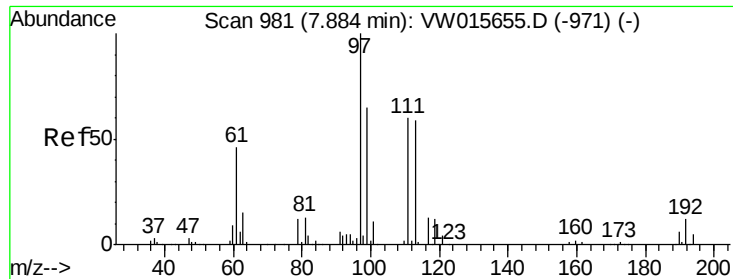


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

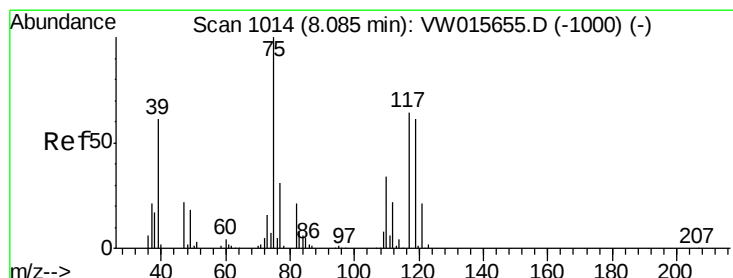
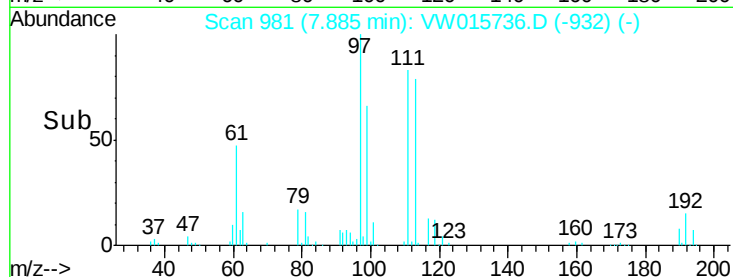
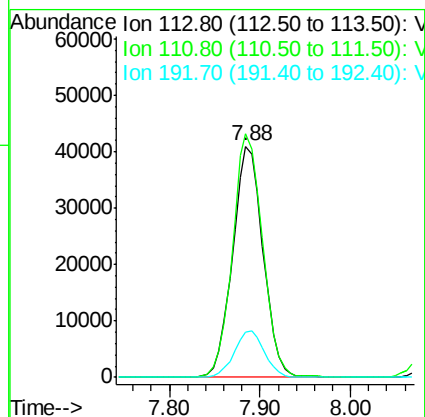
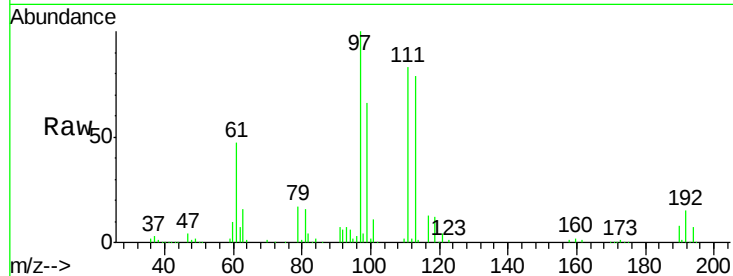




#35
 Dibromofluoromethane
 Concen: 49.497 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

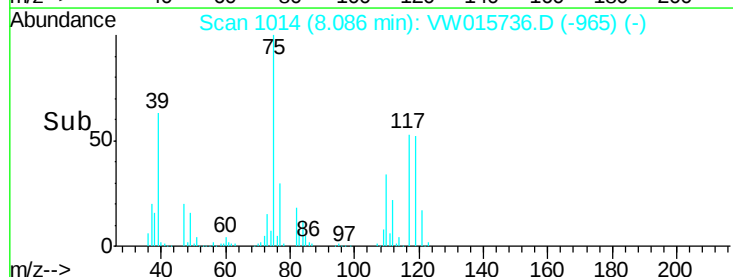
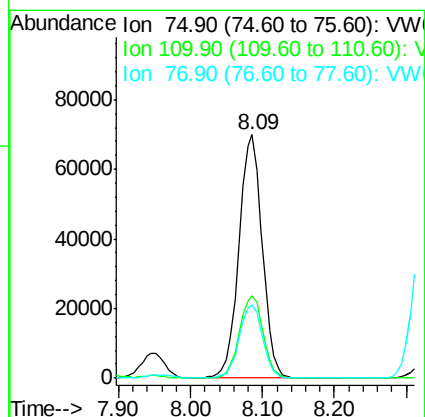
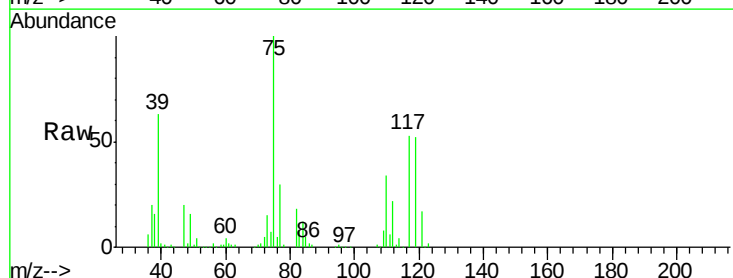
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

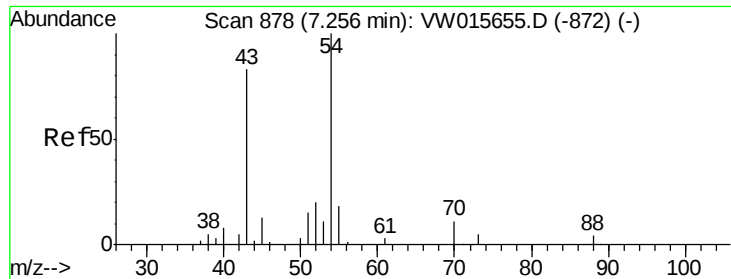
Tot Ion:113 Resp: 95830
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.3 123.5
 192 19.8 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 48.770 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 75 Resp: 156127
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.0 51.0
 77 30.6 24.6 36.8

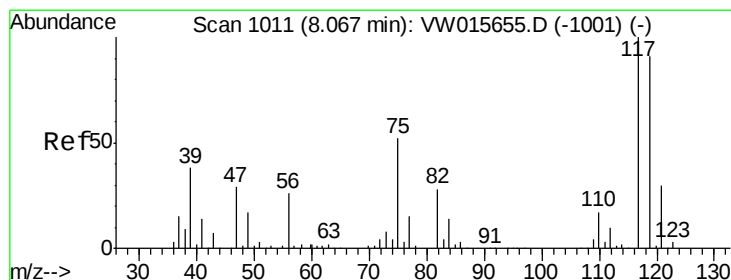
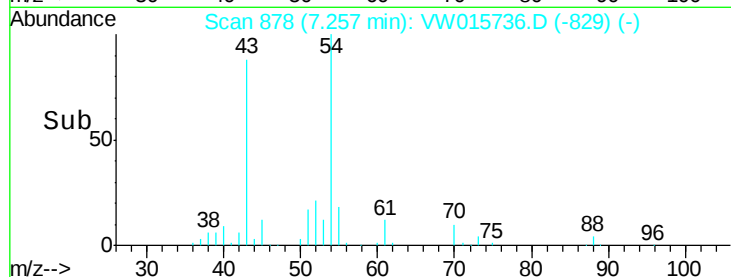
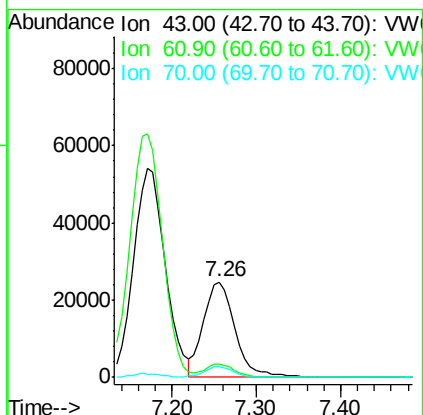
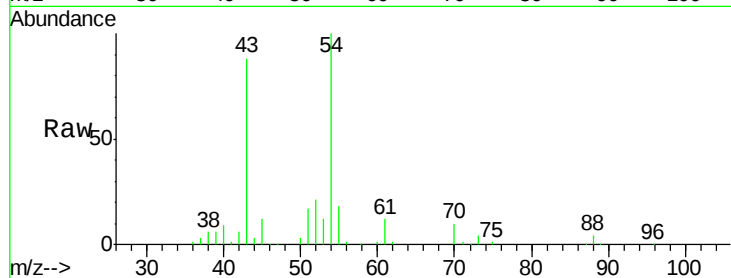




#37
Ethyl Acetate
Concen: 52.170 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

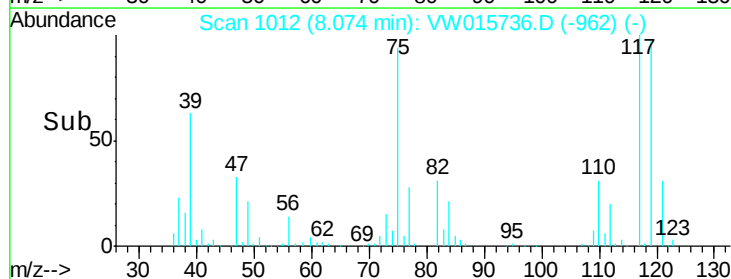
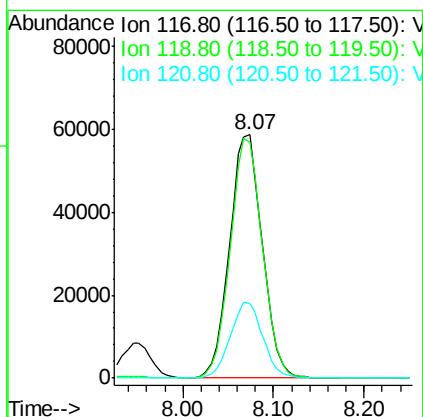
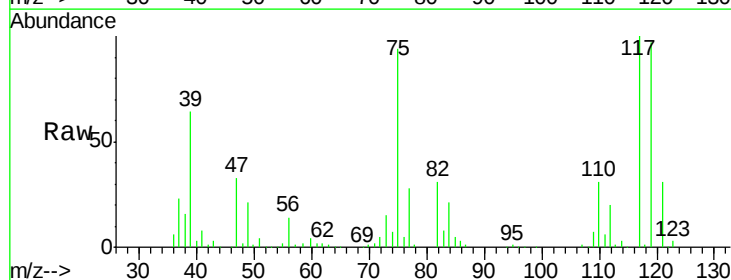
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

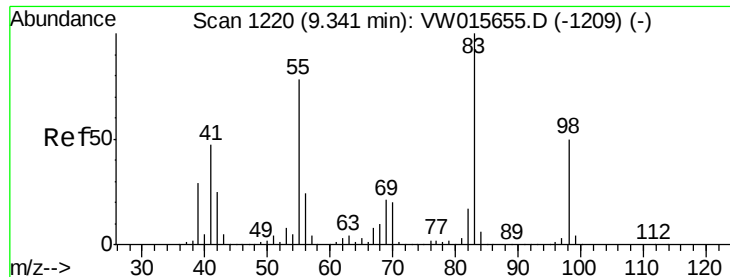
Tot Ion: 43 Resp: 63769
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 47.389 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 117 Resp: 147057
Ion Ratio Lower Upper
117 100
119 96.7 73.2 109.8
121 30.9 23.9 35.9

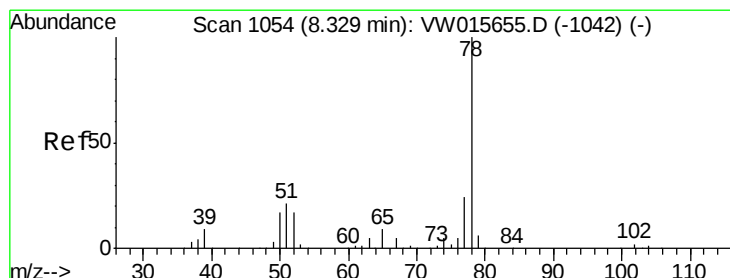
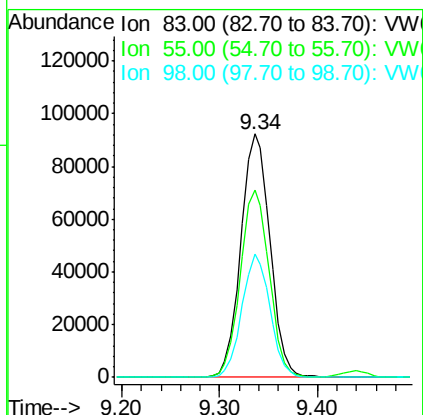
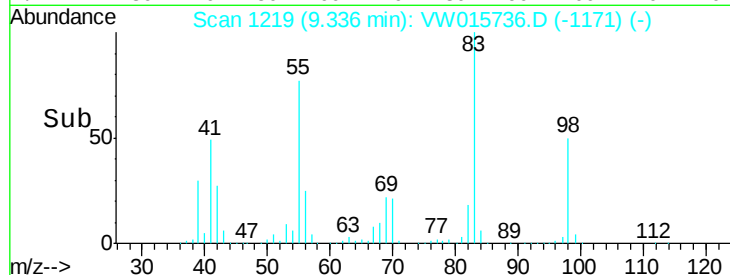
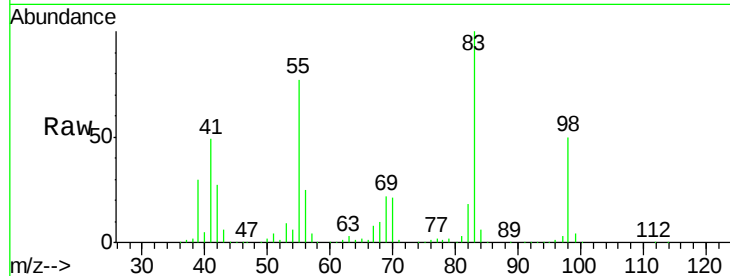




#39
Methvlcvclohexane
Concen: 49.121 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

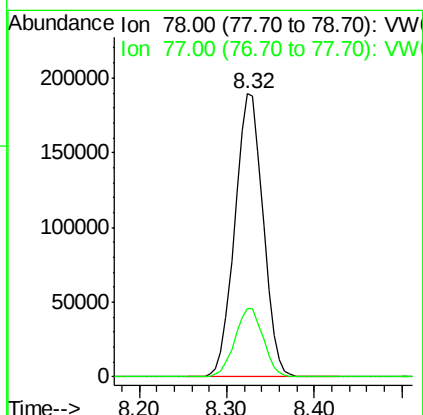
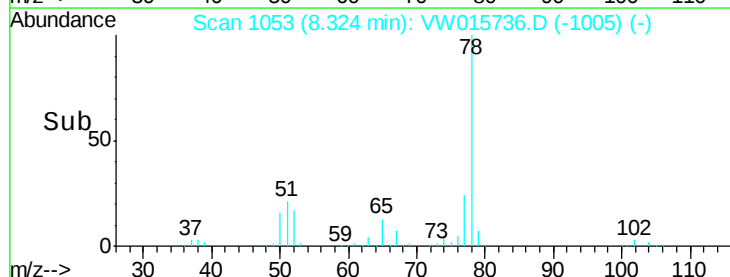
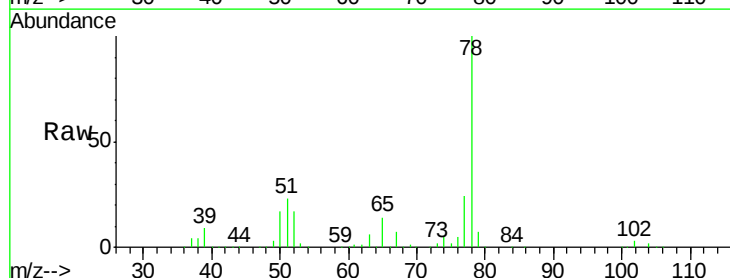
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

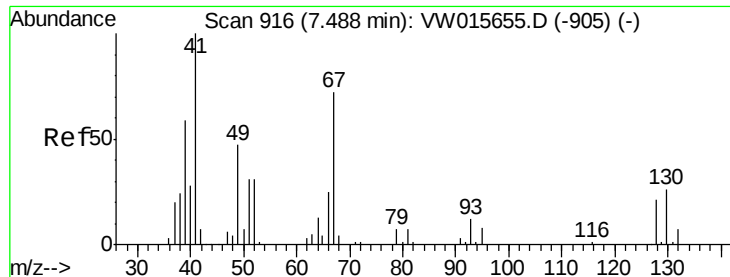
Tot Ion: 83 Resp: 190464
Ion Ratio Lower Upper
83 100
55 76.8 62.8 94.2
98 50.4 39.9 59.9



#40
Benzene
Concen: 48.989 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 78 Resp: 426423
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41

Methacrylonitrile

Concen: 55.225 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 38741

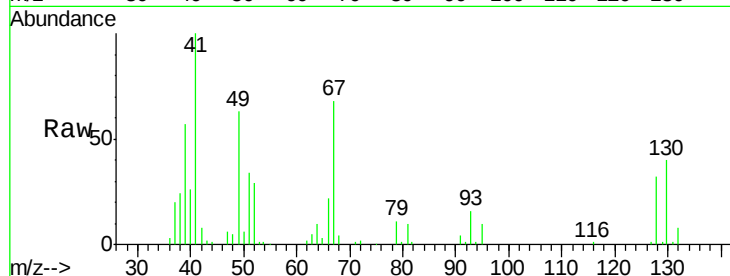
Ion Ratio Lower Upper

41 100

39 50.8 52.0 78.0#

67 66.8 57.5 86.3

52 30.4 26.5 39.7

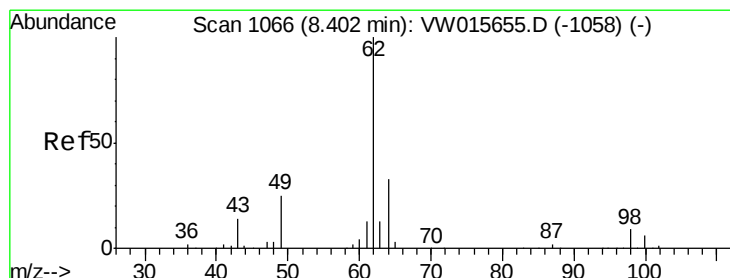
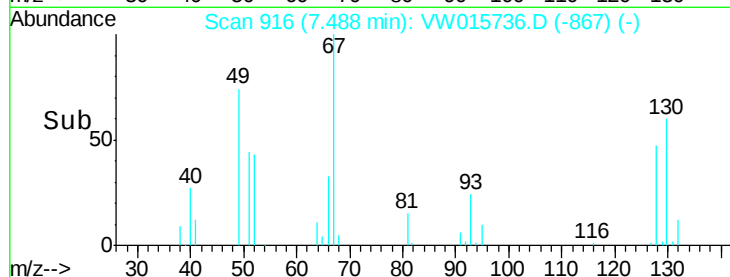
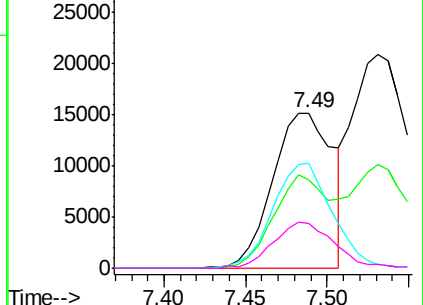


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.097 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW015736.D

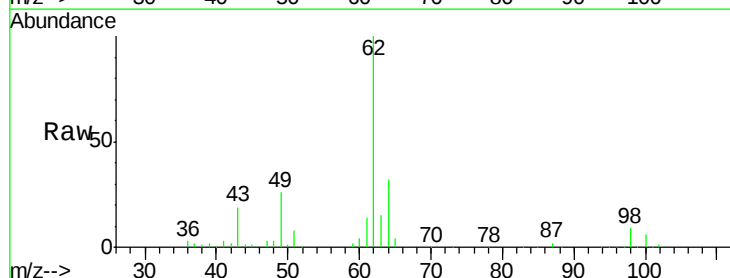
Acq: 25 Jun 2020 18:26

Tgt Ion: 62 Resp: 134904

Ion Ratio Lower Upper

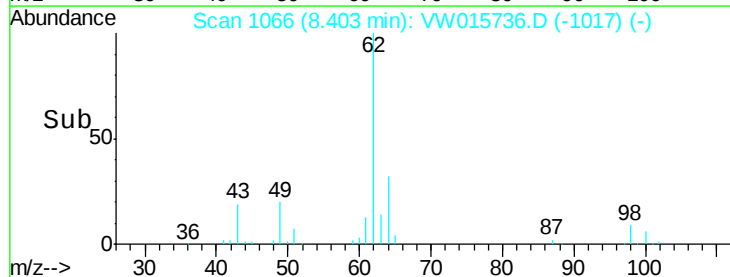
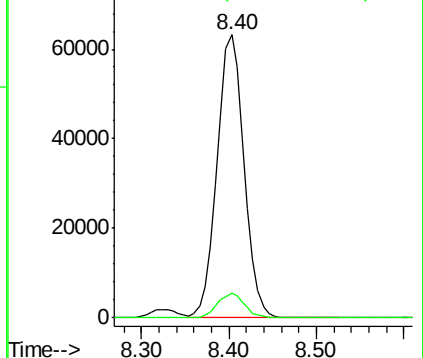
62 100

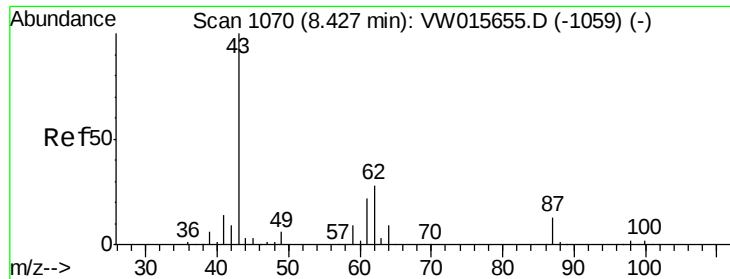
98 8.8 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.127 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

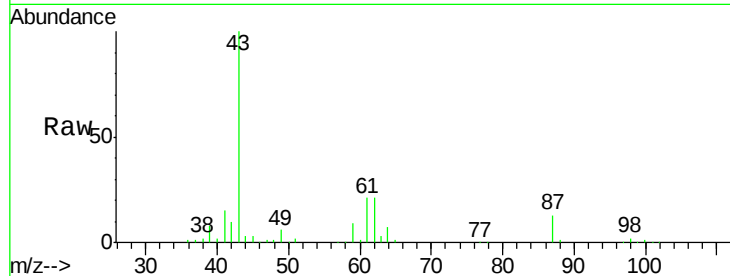
Tot Ion: 43 Resp: 127150

Ion Ratio Lower Upper

43 100

61 30.0 24.7 37.1

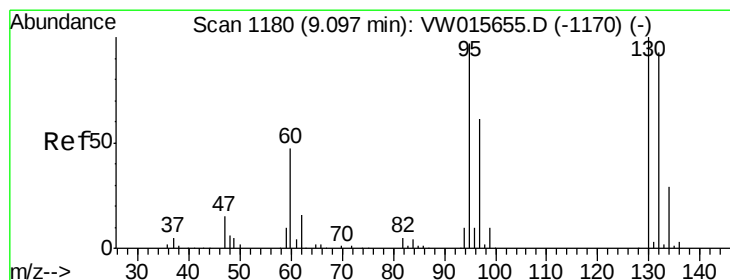
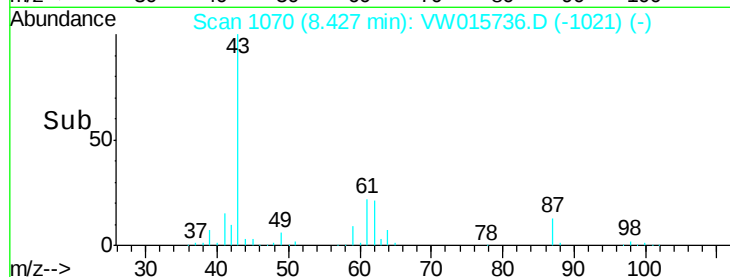
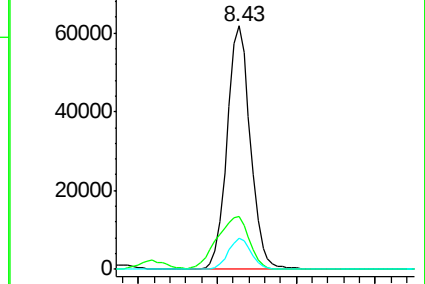
87 12.8 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.393 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015736.D

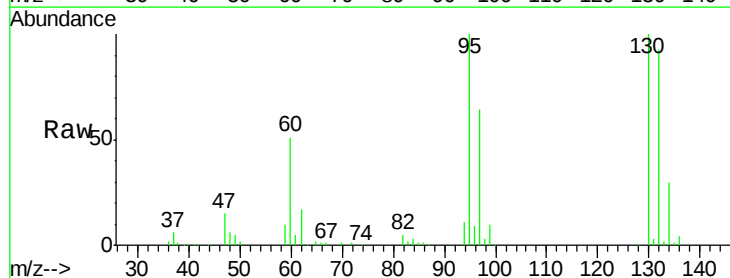
Acq: 25 Jun 2020 18:26

Tgt Ion: 130 Resp: 113540

Ion Ratio Lower Upper

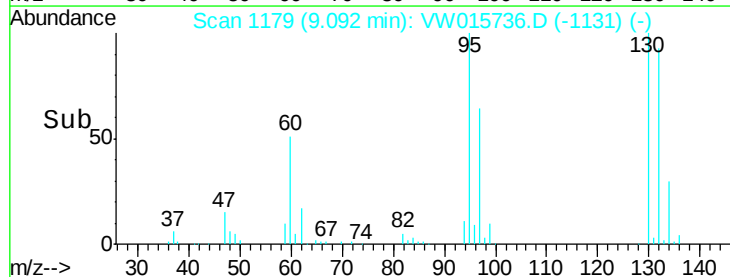
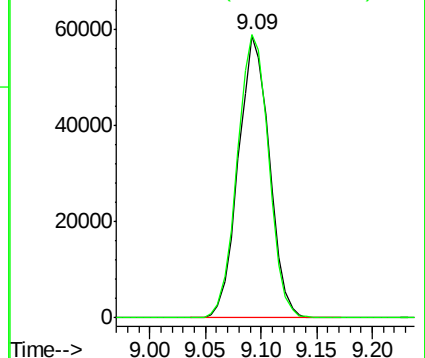
130 100

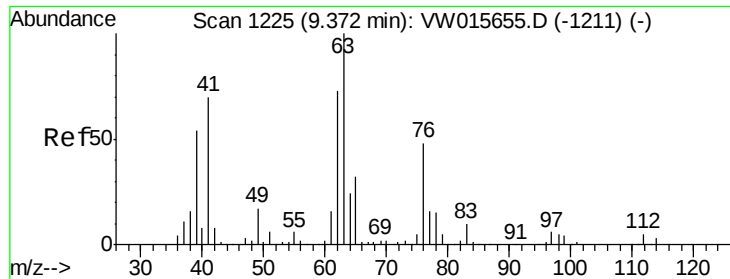
95 100.2 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 49.620 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

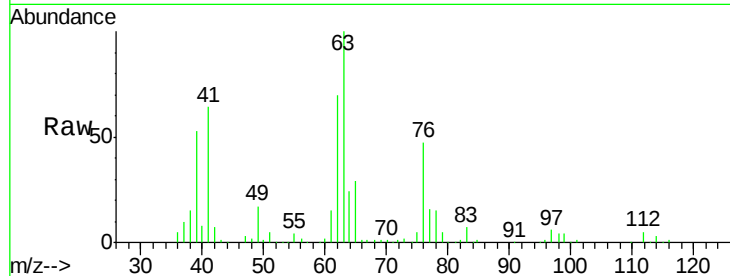
VSTDCCC050EC

Tot Ion: 63 Resp: 105573

Ion Ratio Lower Upper

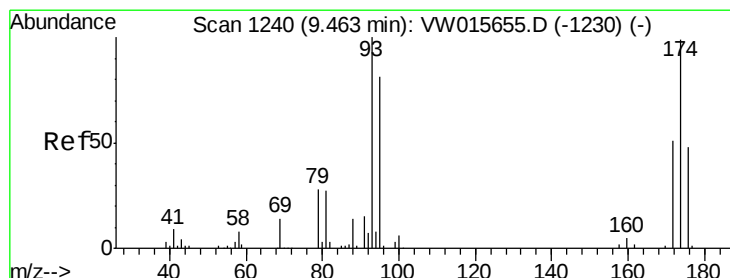
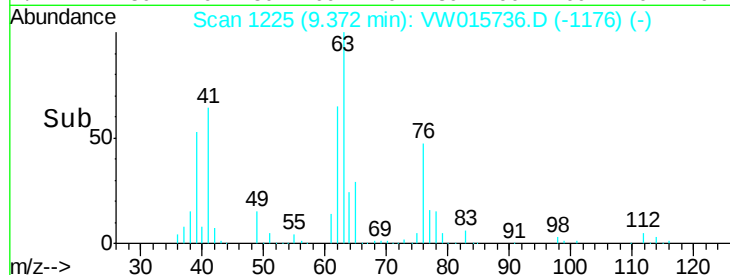
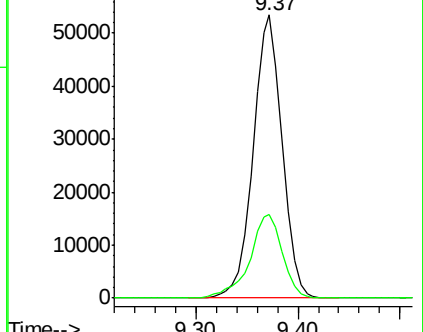
63 100

65 29.3 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 50.598 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

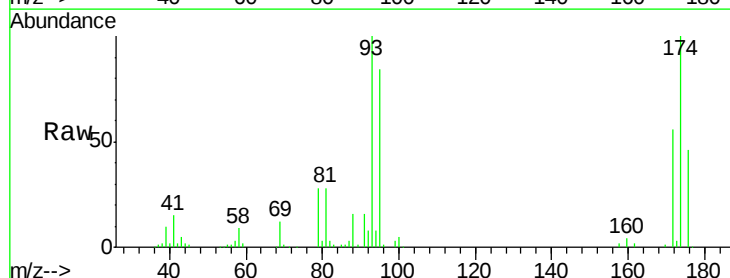
Tgt Ion: 93 Resp: 55700

Ion Ratio Lower Upper

93 100

95 82.8 65.7 98.5

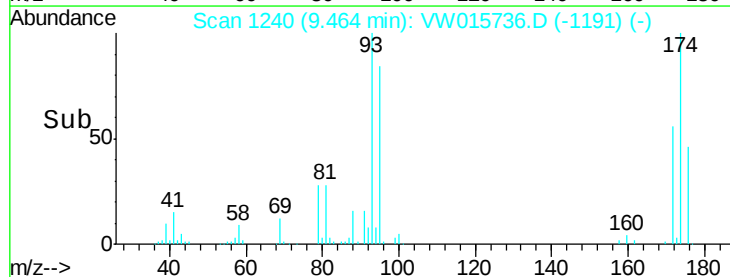
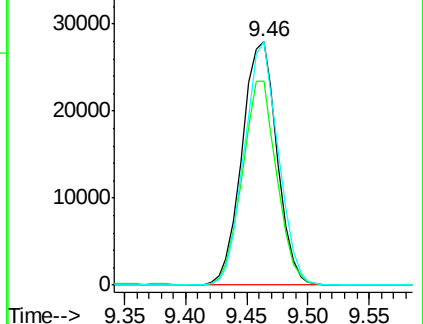
174 97.3 79.0 118.6

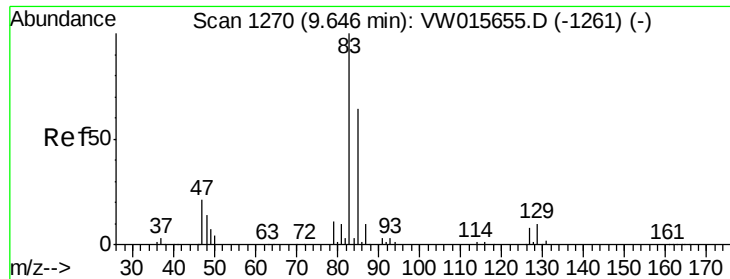


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

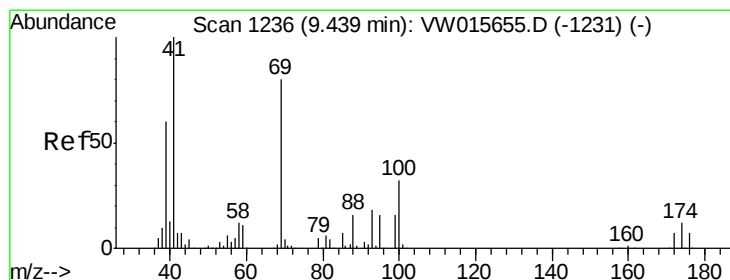
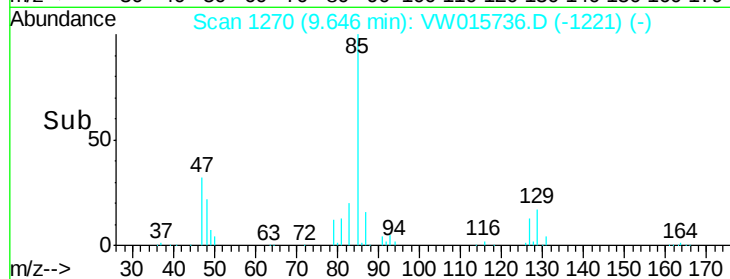
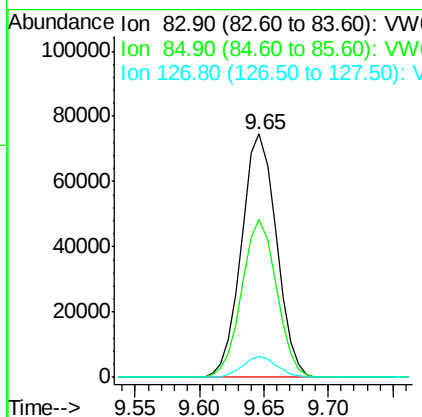
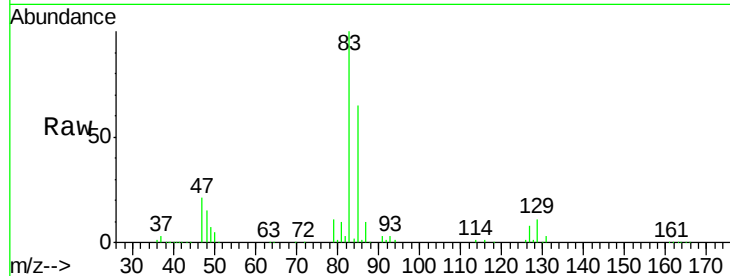




#47
Bromodichloromethane
Concen: 48.943 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

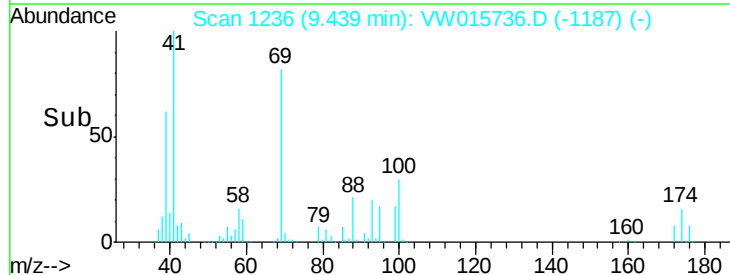
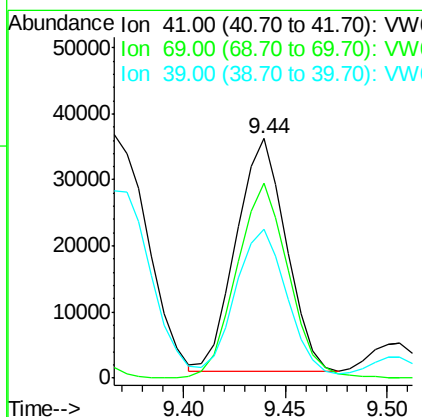
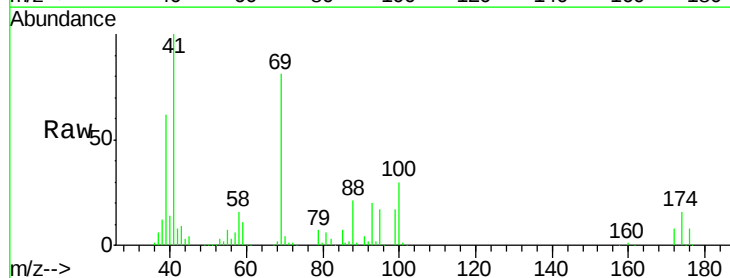
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

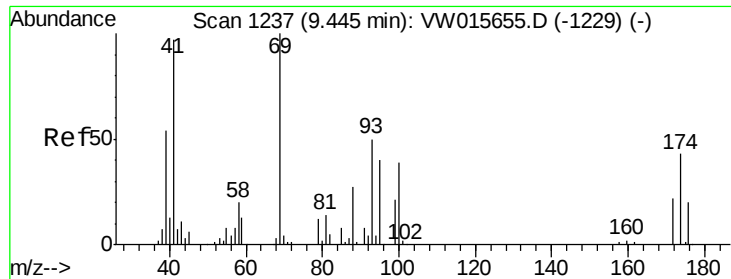
Tot Ion: 83 Resp: 140538
Ion Ratio Lower Upper
83 100
85 64.8 50.8 76.2
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 54.082 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 41 Resp: 60311
Ion Ratio Lower Upper
41 100
69 86.8 68.2 102.2
39 62.6 49.8 74.6

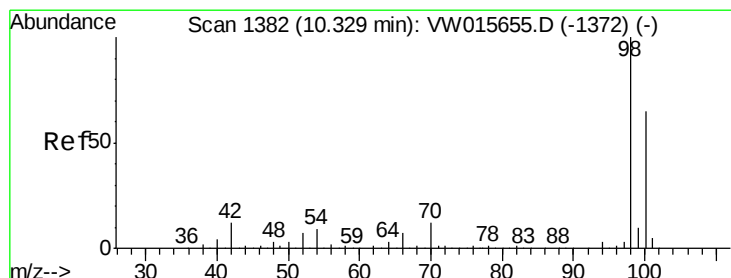
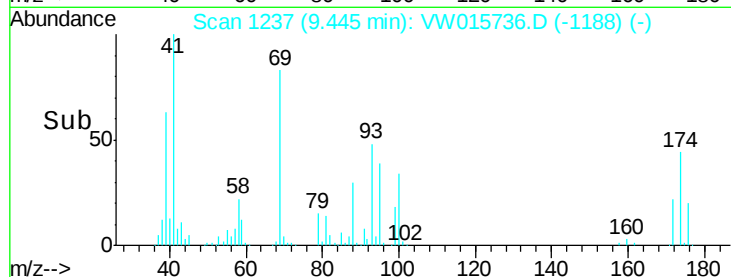
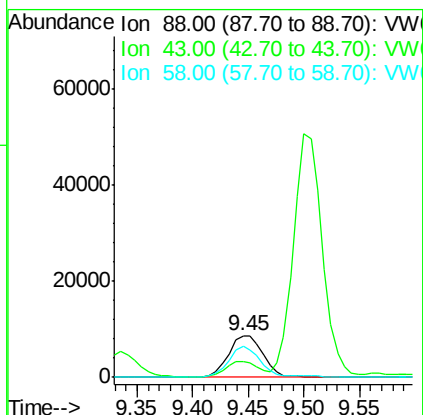
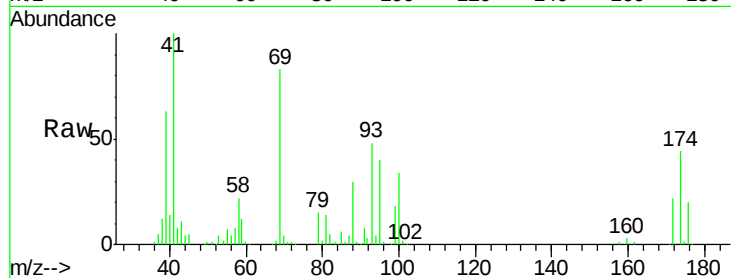




#49
1,4-Dioxane
Concen: 1288.057 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

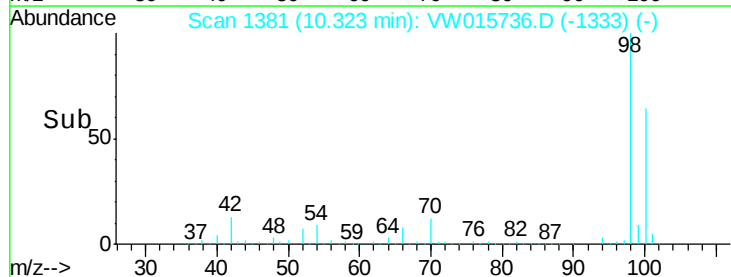
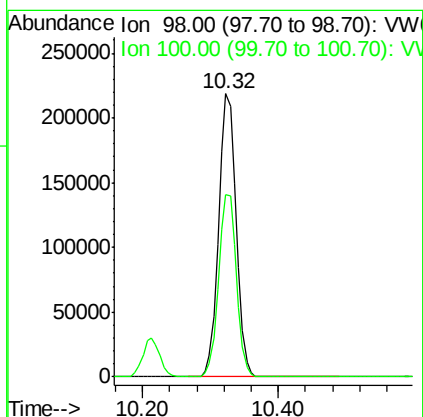
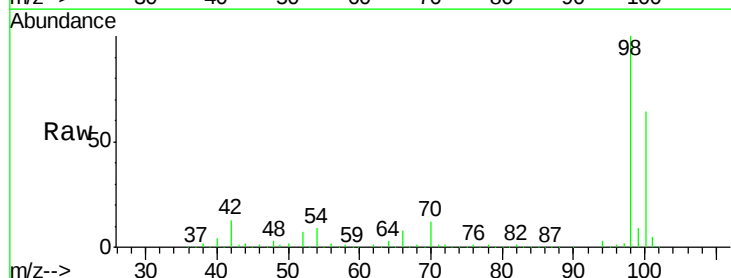
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 18601
Ion Ratio Lower Upper
88 100
43 36.0 30.1 45.1
58 68.5 56.1 84.1



#50
Toluene-d8
Concen: 50.863 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 98 Resp: 387533
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 271.323 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

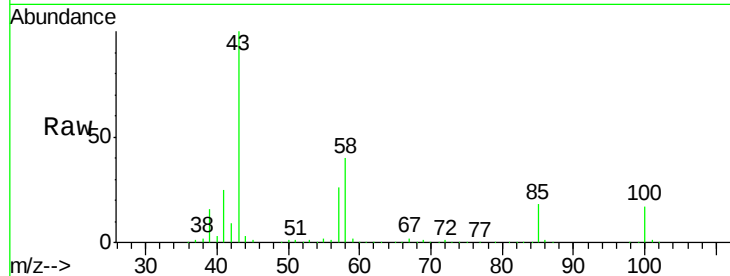
VSTDCCC050EC

Tot Ion: 43 Resp: 319163

Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

200000

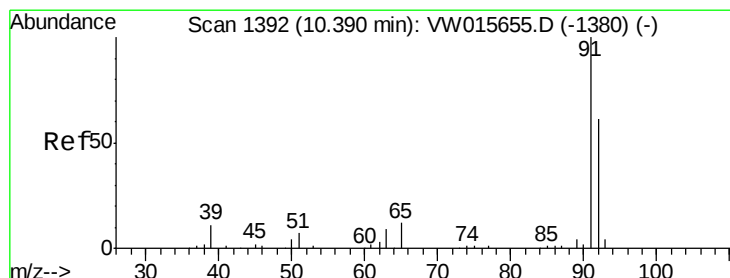
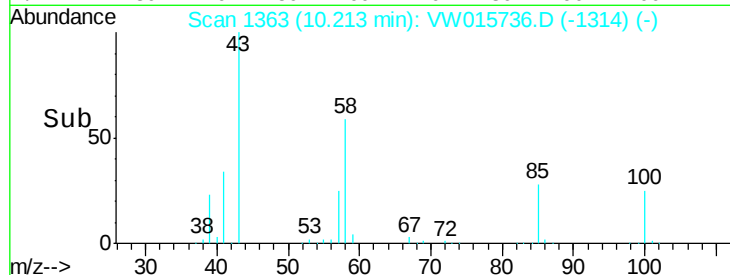
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.730 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015736.D

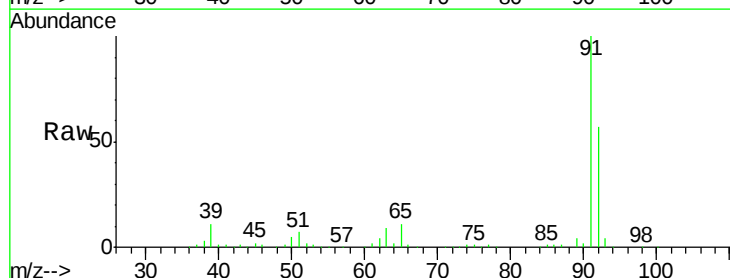
Acq: 25 Jun 2020 18:26

Tgt Ion: 92 Resp: 285134

Ion Ratio Lower Upper

92 100

91 170.2 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

300000

250000

200000

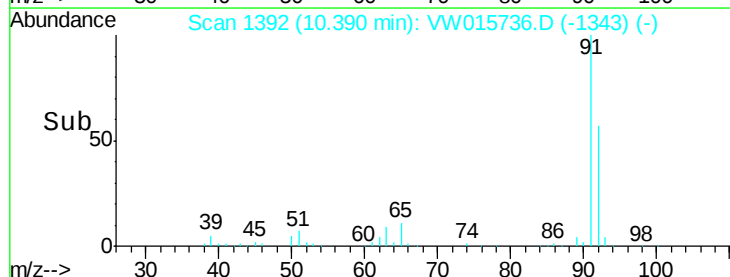
150000

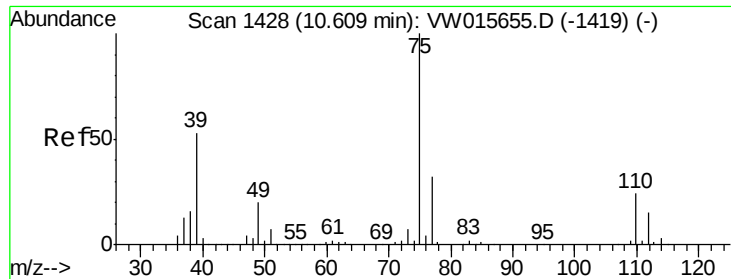
100000

50000

0

Time-->

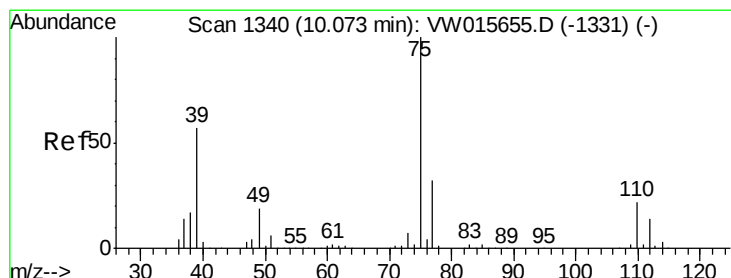
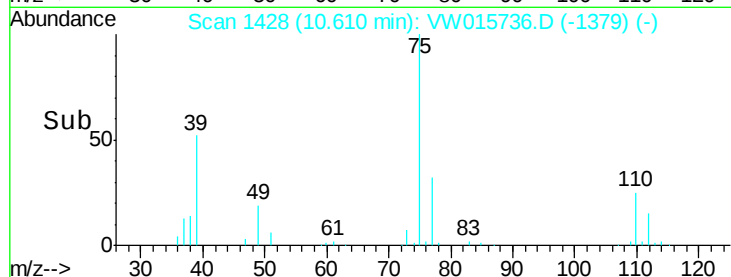
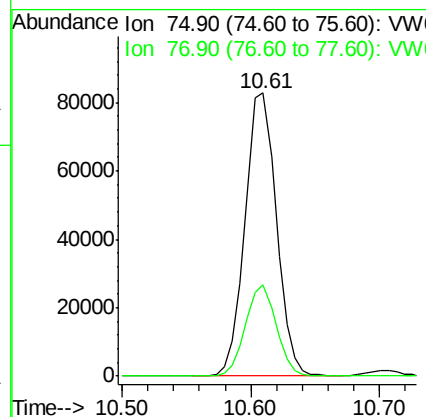
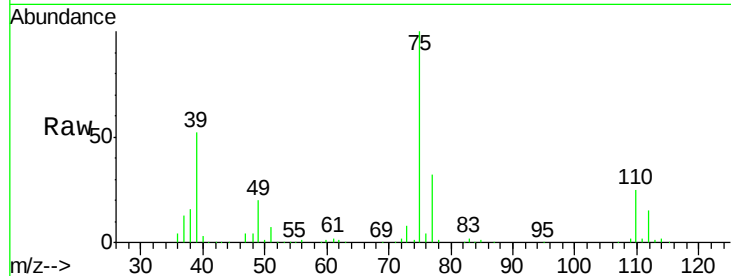




#53
 t-1,3-Dichloropropene
 Concen: 50.405 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

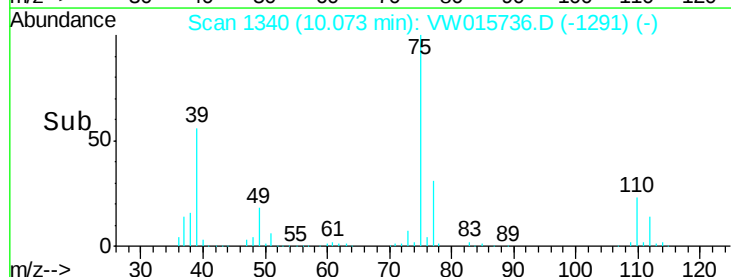
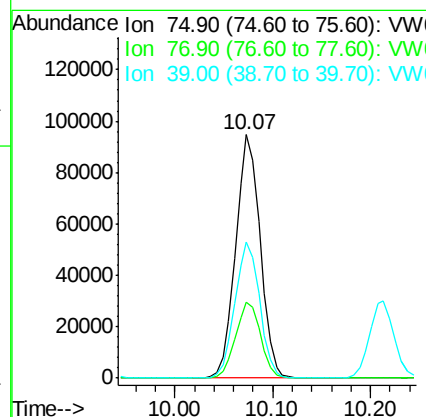
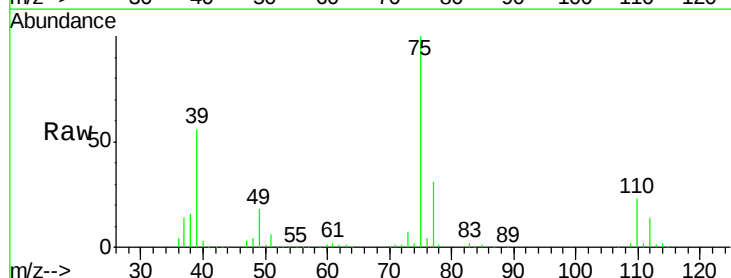
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

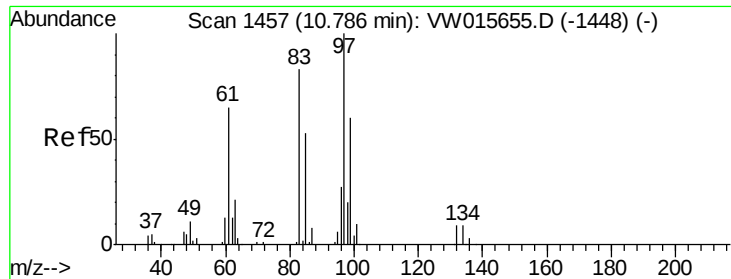
Tot Ion: 75 Resp: 139825
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.689 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 75 Resp: 164665
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2
 39 55.9 45.8 68.6

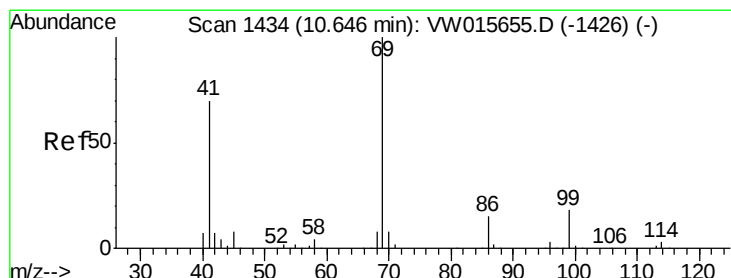
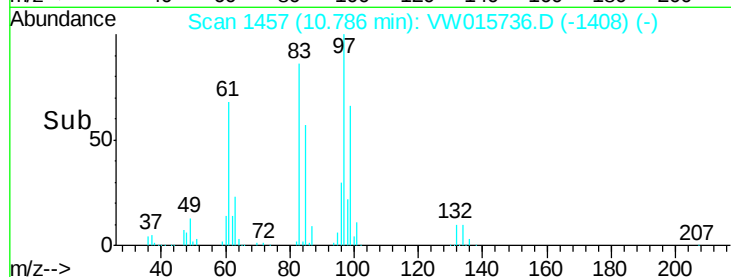
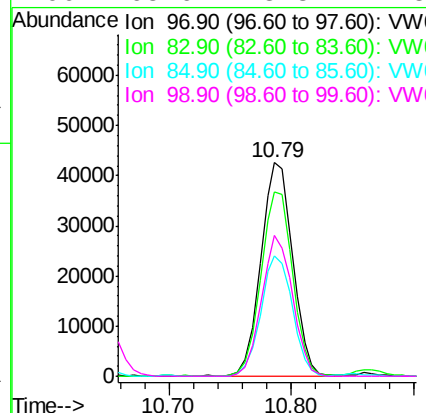
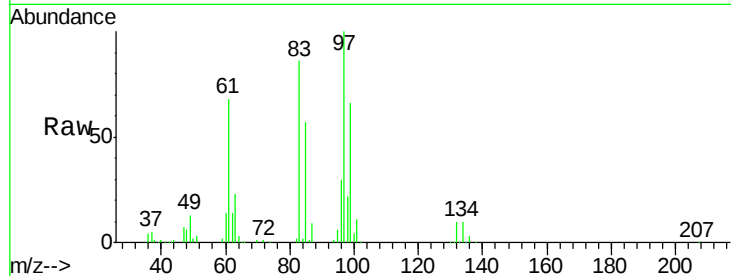




#55
 1,1,2-Trichloroethane
 Concen: 50.532 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

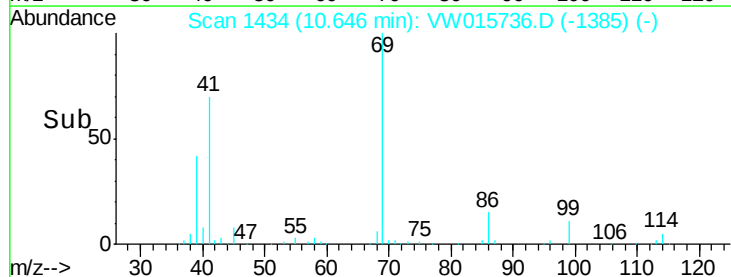
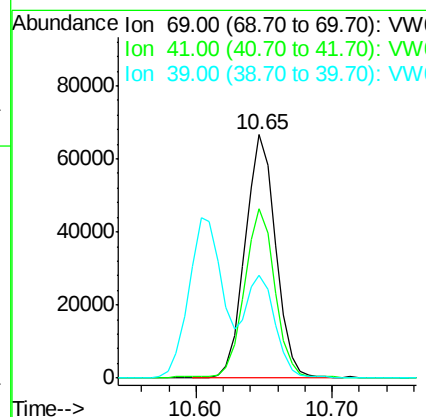
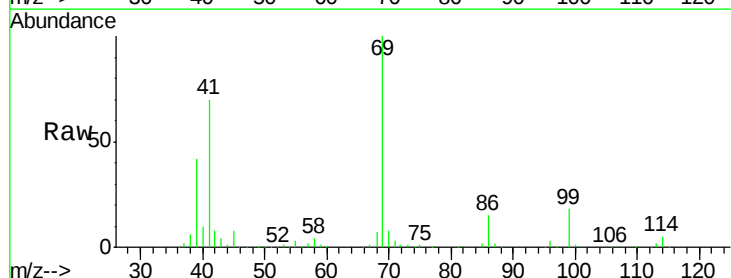
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

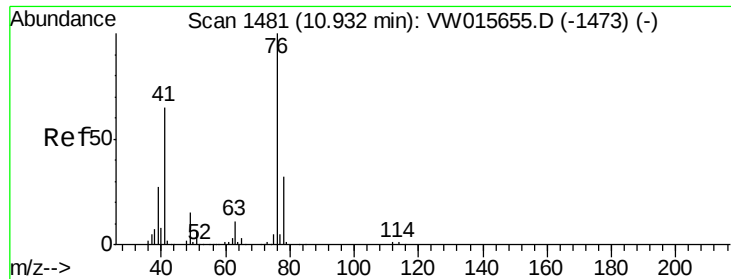
Tot Ion:	97	Resp:	77343
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.3	99.5
85	56.6	42.5	63.7
99	65.6	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 54.989 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion:	69	Resp:	104722
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.8	83.6
39	41.7	29.5	44.3

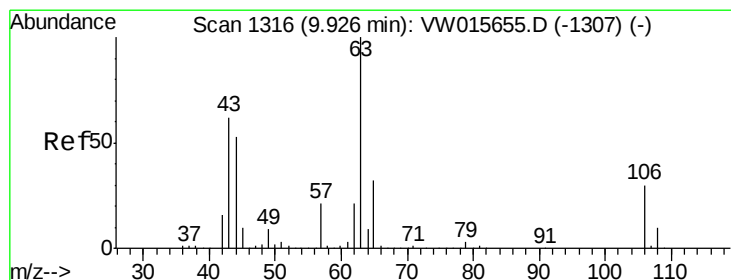
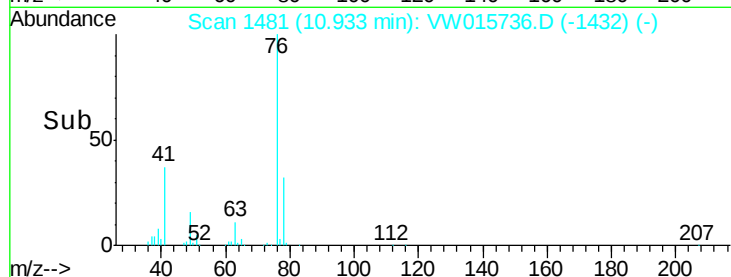
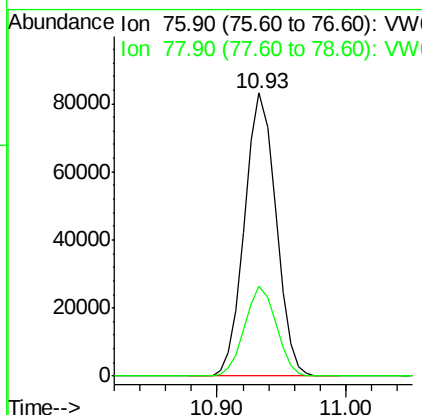
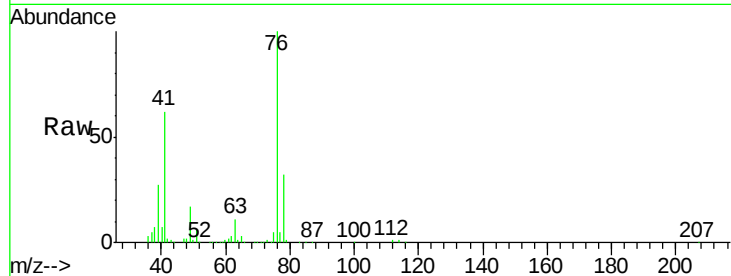




#57
 1,3-Dichloropropane
 Concen: 51.769 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

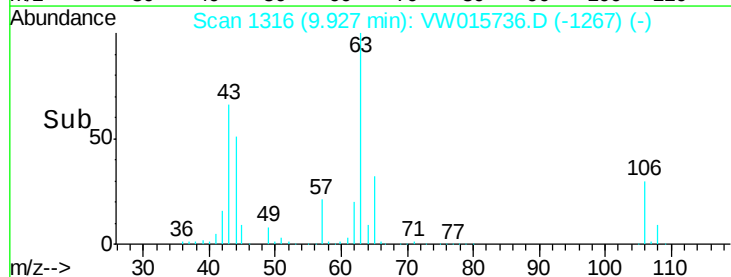
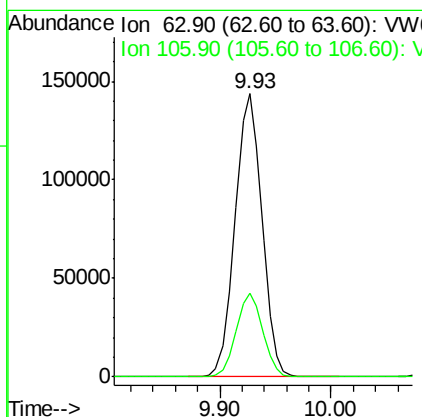
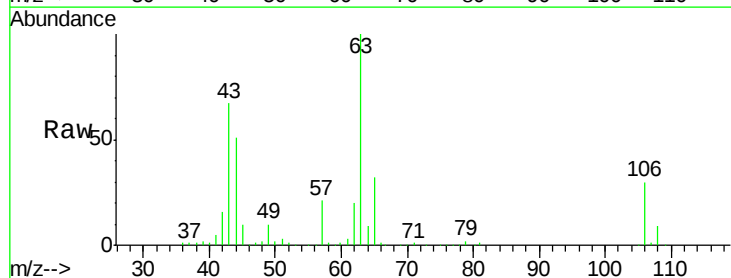
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

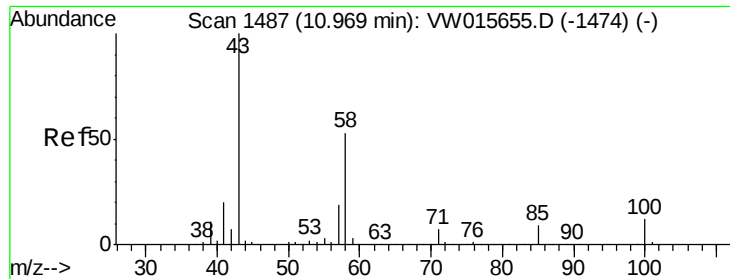
Tot Ion: 76 Resp: 140471
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.485 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 63 Resp: 240160
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.3 34.9

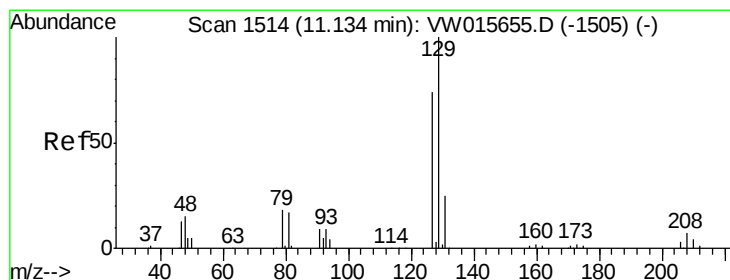
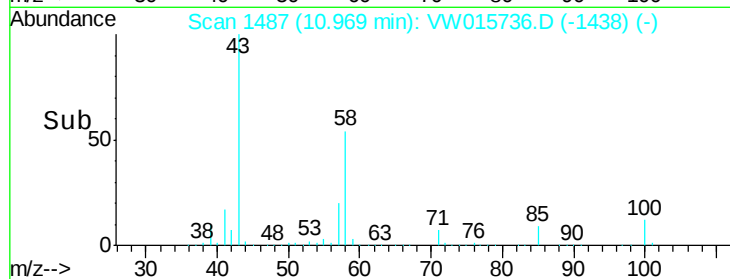
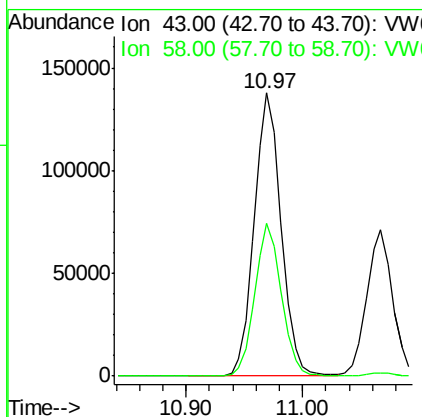
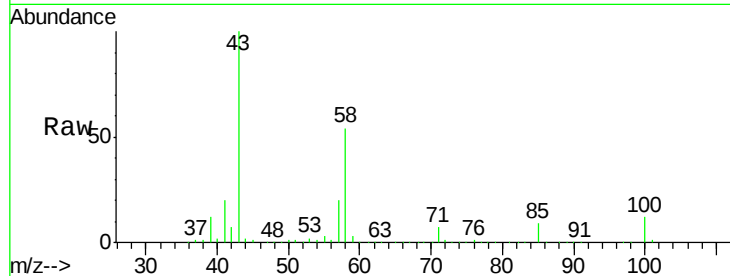




#59
2-Hexanone
Concen: 276.753 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

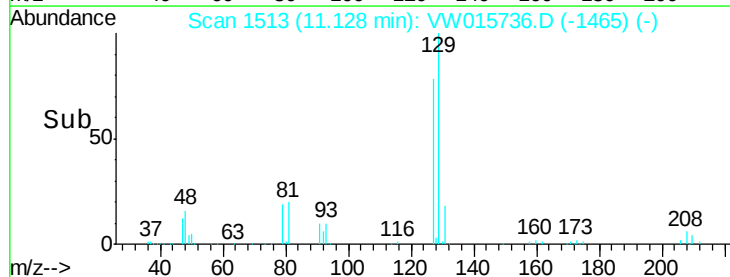
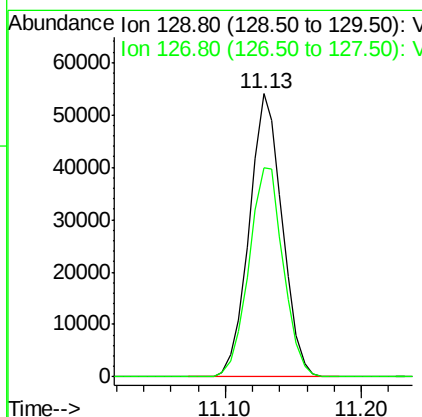
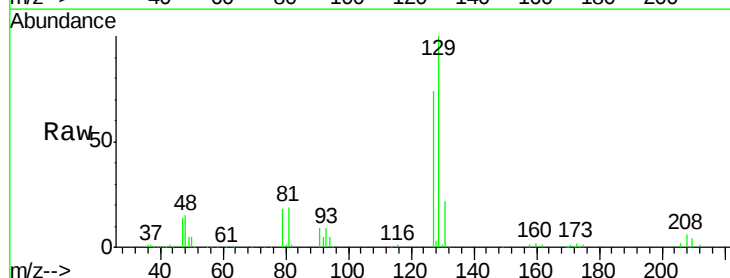
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

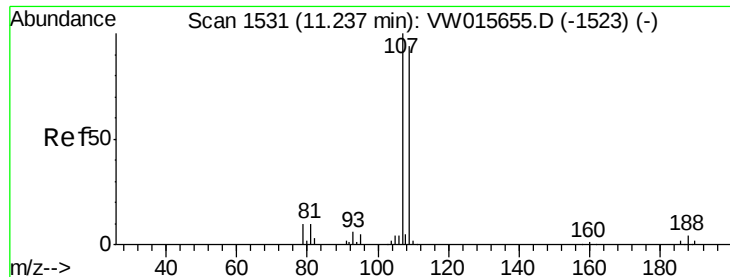
Tot Ion: 43 Resp: 221633
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.4



#60
Dibromochloromethane
Concen: 51.435 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 129 Resp: 91740
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1





#61

1,2-Dibromoethane

Concen: 52.198 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

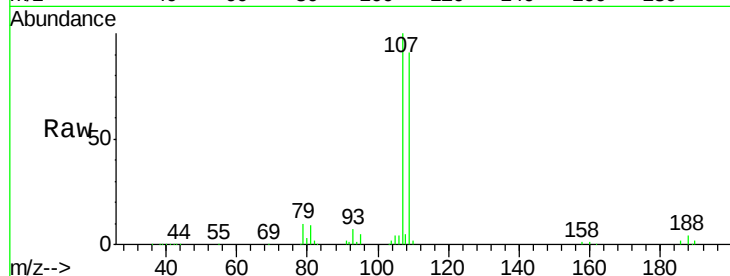
VSTDCCC050EC

Tot Ion:107 Resp: 76366

Ion Ratio Lower Upper

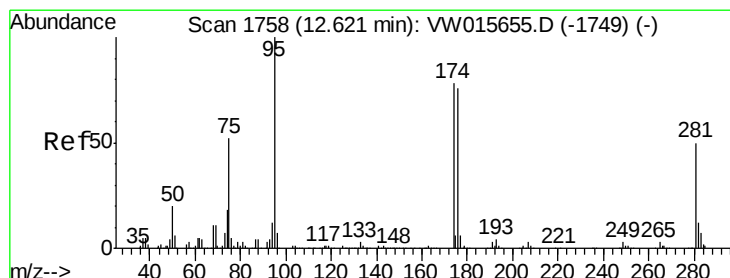
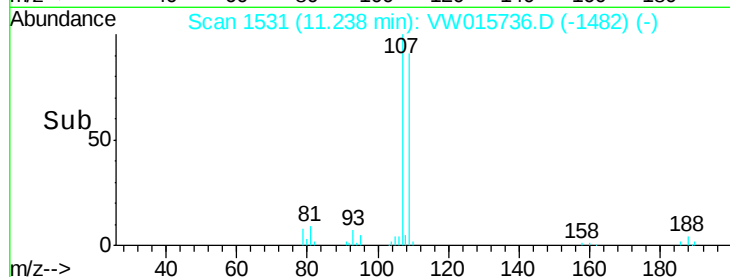
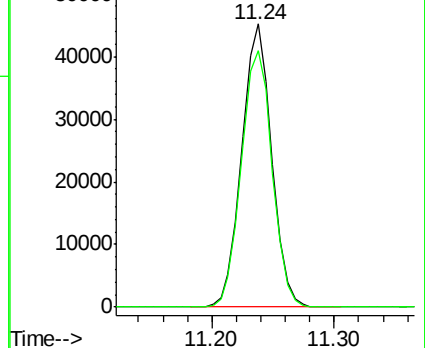
107 100

109 93.9 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.967 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

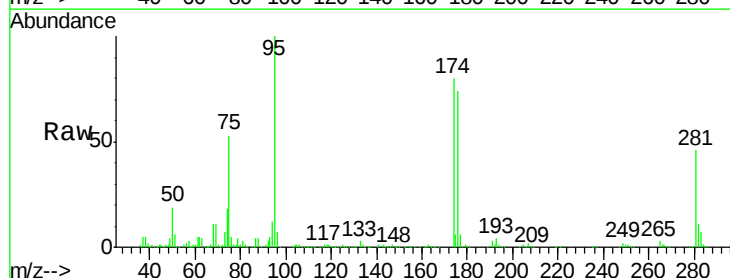
Tgt Ion: 95 Resp: 148621

Ion Ratio Lower Upper

95 100

174 77.2 0.0 157.0

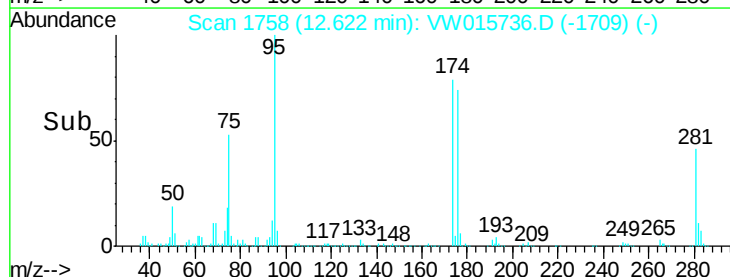
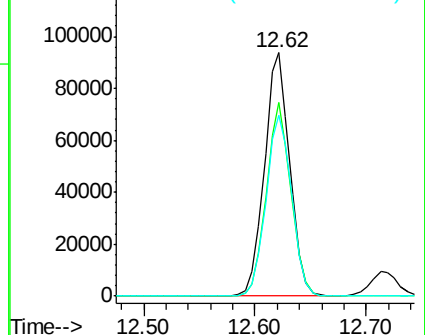
176 75.1 0.0 151.4

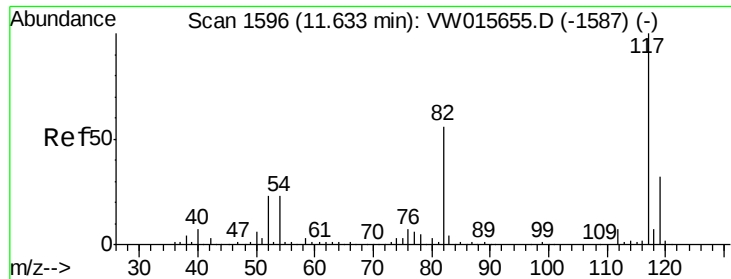


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

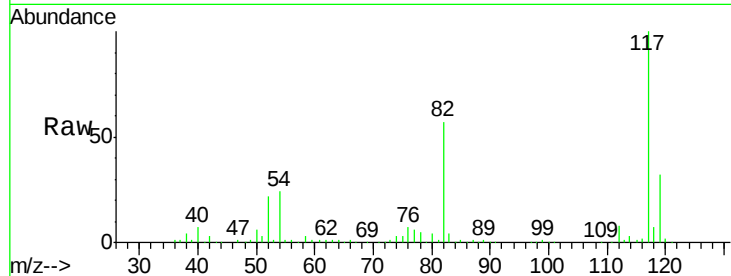




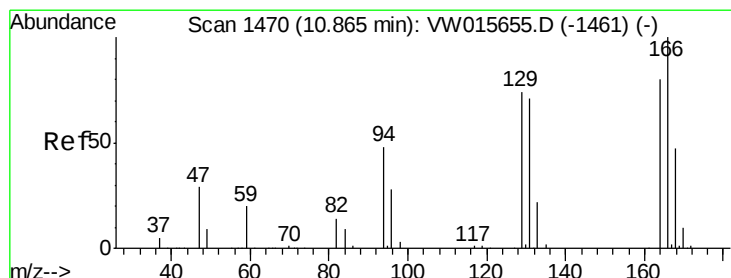
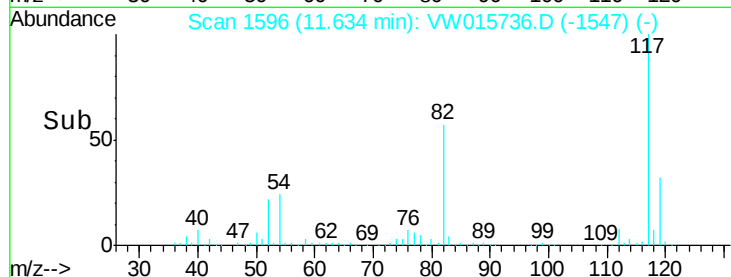
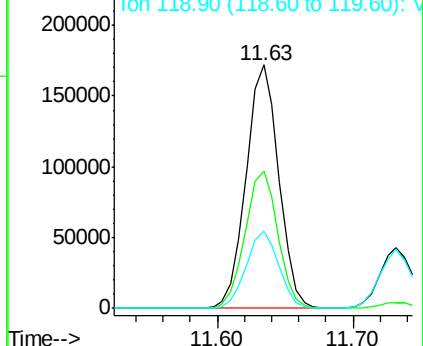
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 289003
Ion Ratio Lower Upper
117 100
82 56.5 45.1 67.7
119 31.8 25.8 38.8



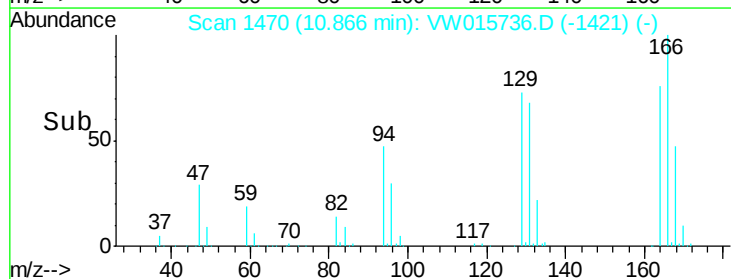
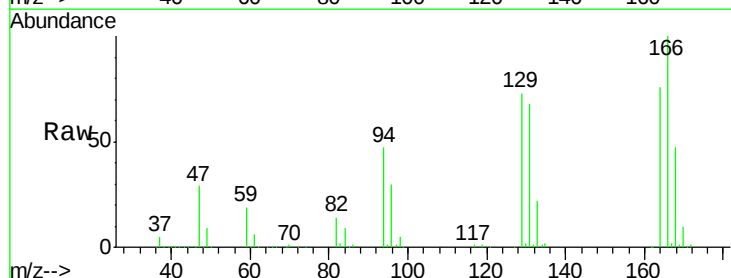
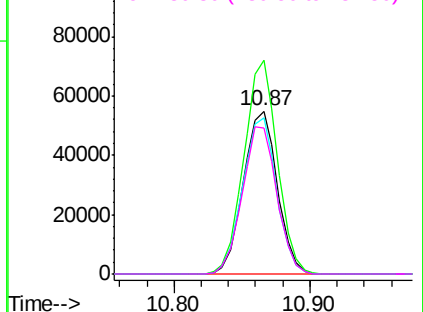
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

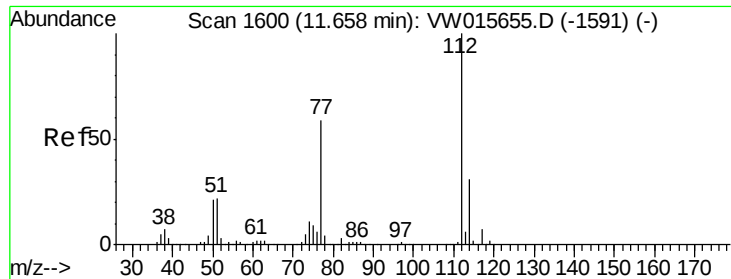


#64
Tetrachloroethene
Concen: 47.152 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion:164 Resp: 95733
Ion Ratio Lower Upper
164 100
166 131.1 99.9 149.9
129 96.1 74.2 111.2
131 89.7 71.4 107.0

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

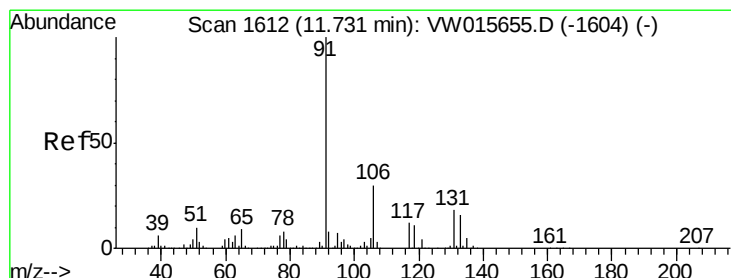
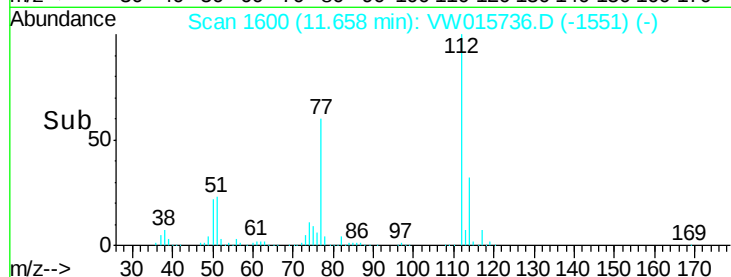
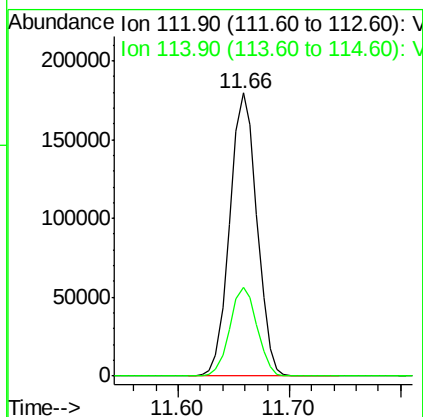
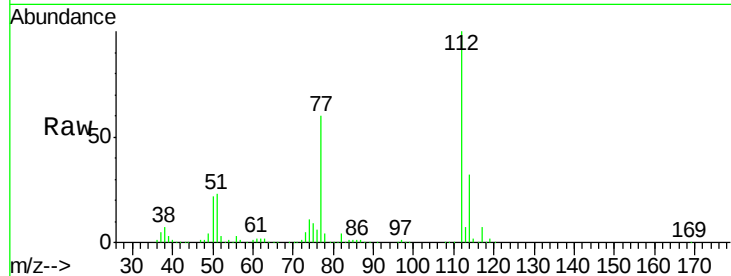




#65
Chlorobenzene
Concen: 49.647 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

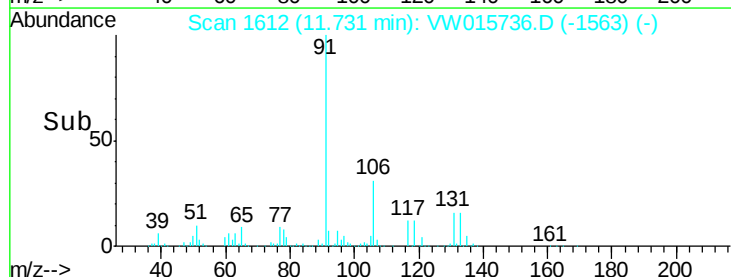
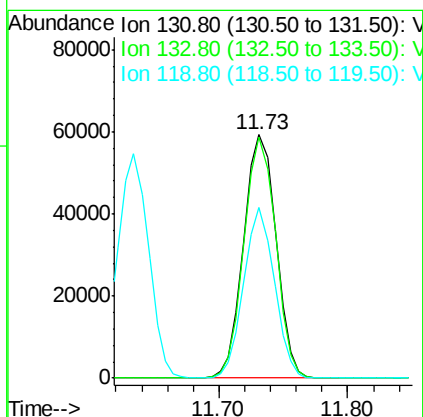
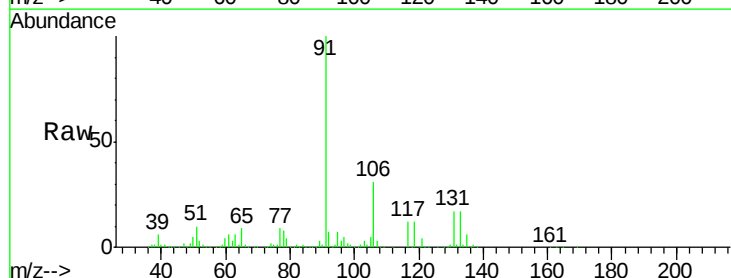
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

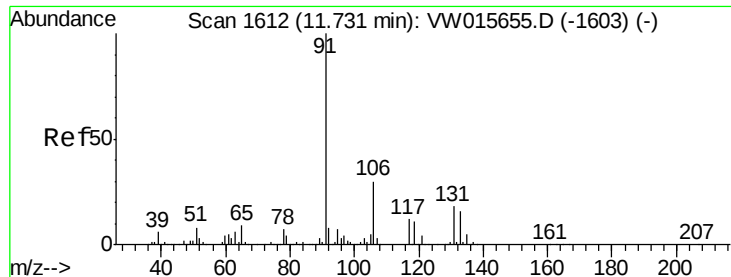
Tot Ion:112 Resp: 302514
Ion Ratio Lower Upper
112 100
114 31.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.270 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion:131 Resp: 103128
Ion Ratio Lower Upper
131 100
133 96.9 46.5 139.5
119 66.4 32.5 97.5

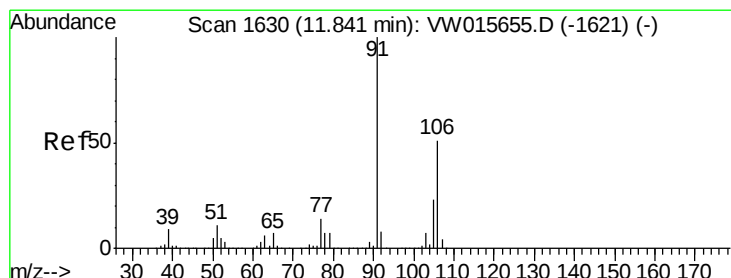
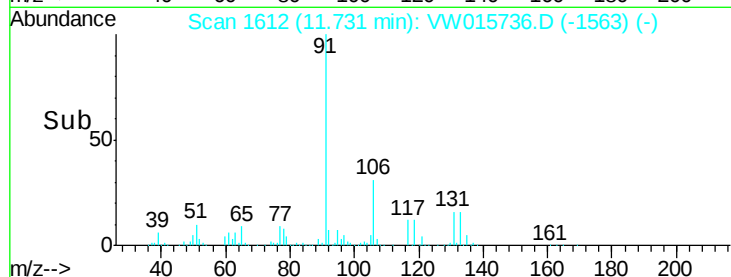
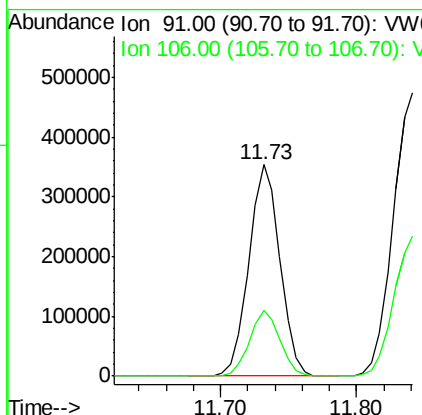
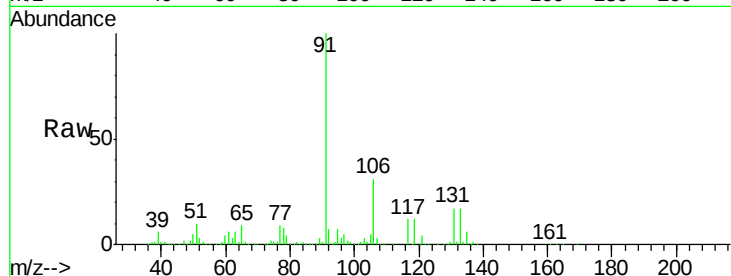




#67
Ethyl Benzene
Concen: 49.959 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

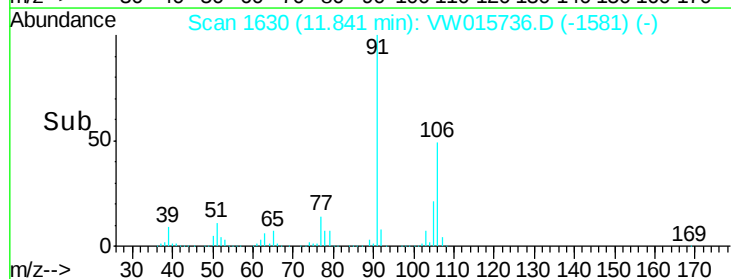
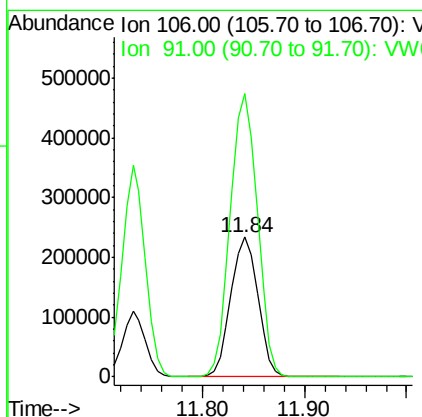
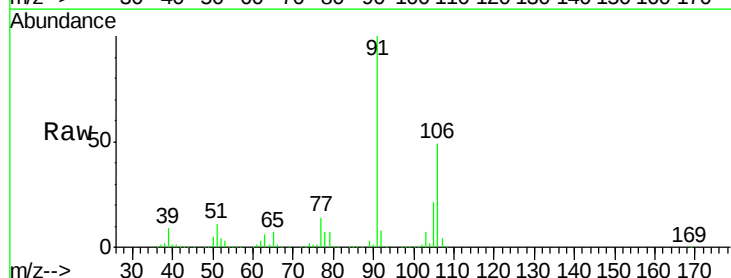
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 566539
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1



#68
m/p-Xylenes
Concen: 101.042 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 106 Resp: 430255
Ion Ratio Lower Upper
106 100
91 203.2 162.6 244.0

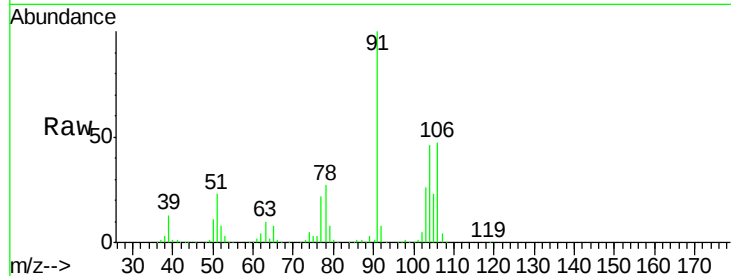




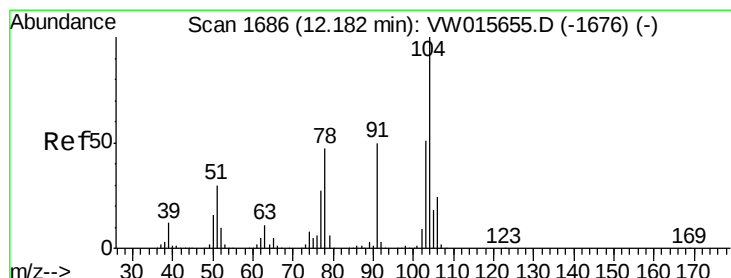
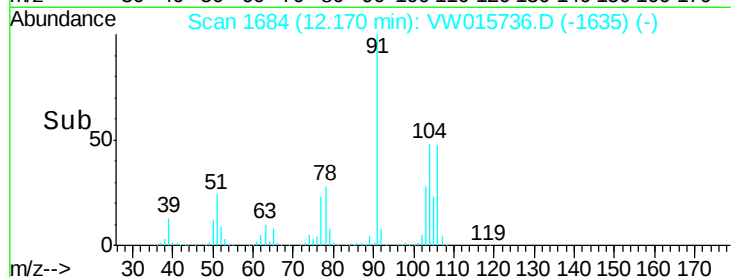
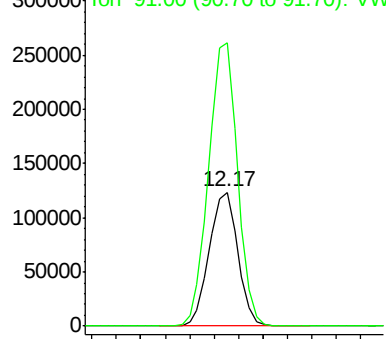
#69
o-Xylene
Concen: 51.043 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 199843
Ion Ratio Lower Upper
106 100
91 214.1 108.3 324.9

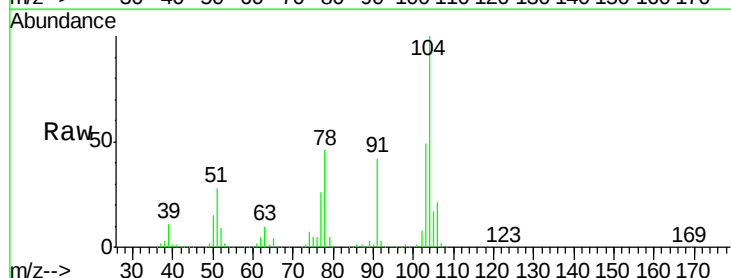


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

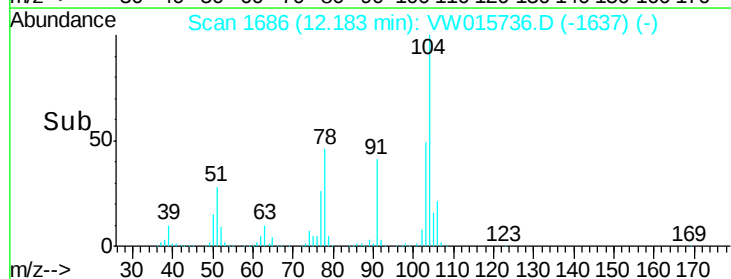
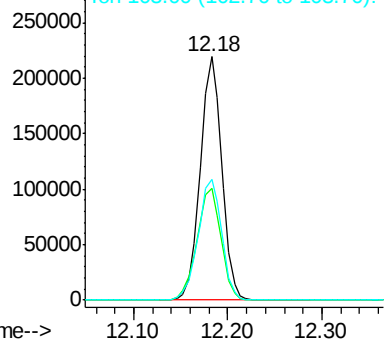


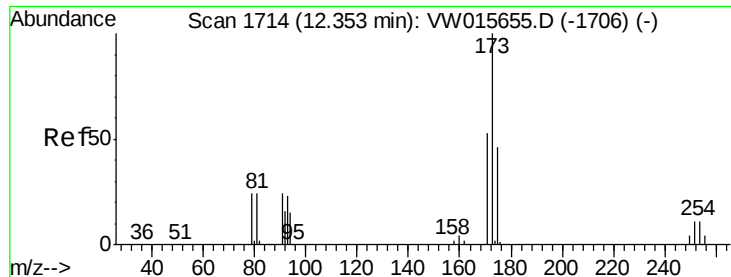
#70
Styrene
Concen: 51.810 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion:104 Resp: 346568
Ion Ratio Lower Upper
104 100
78 51.3 40.9 61.3
103 54.3 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.394 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

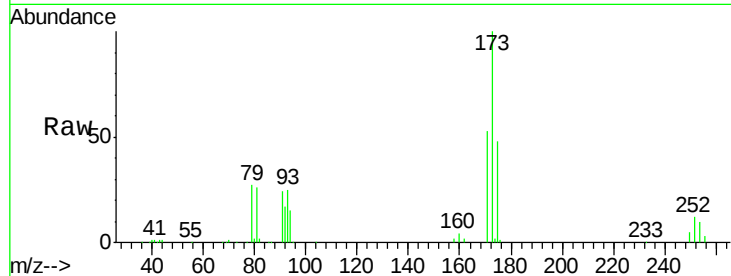
Tot Ion:173 Resp: 49538

Ion Ratio Lower Upper

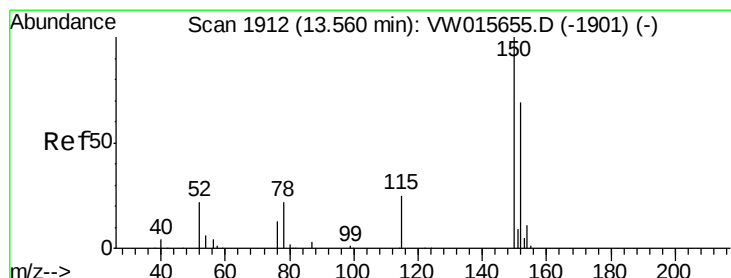
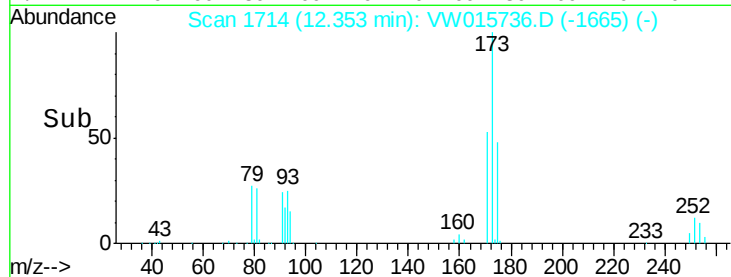
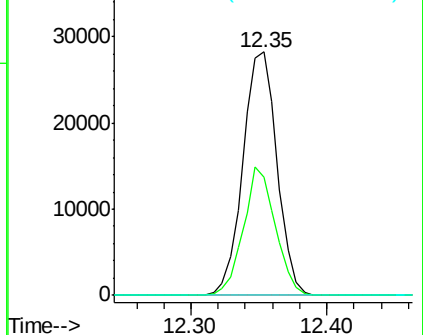
173 100

175 49.3 23.5 70.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

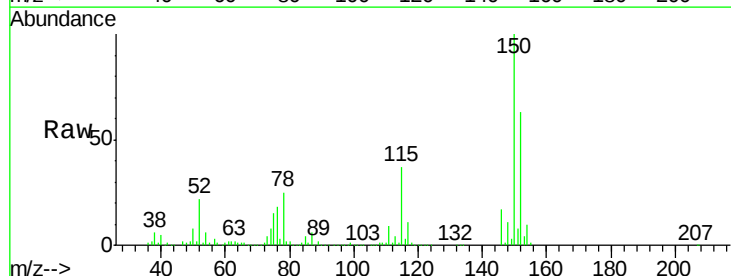
Tgt Ion:152 Resp: 151175

Ion Ratio Lower Upper

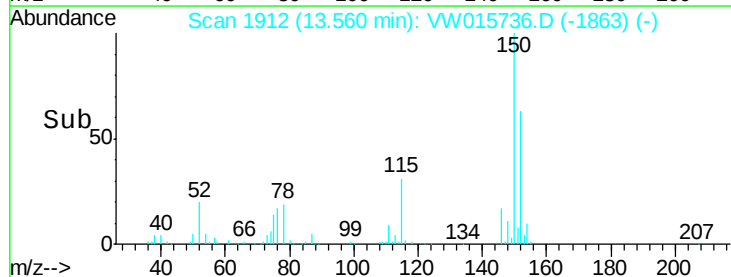
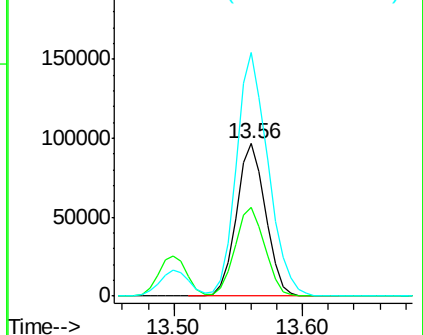
152 100

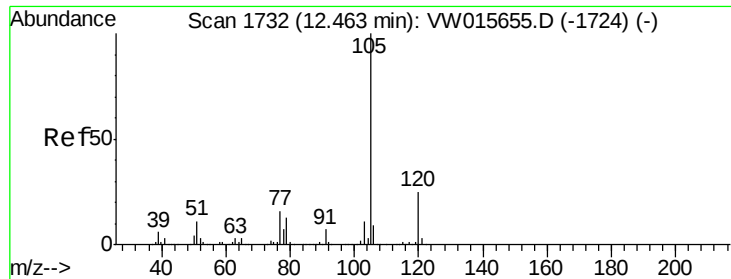
115 59.5 30.1 90.5

150 174.0 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.998 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

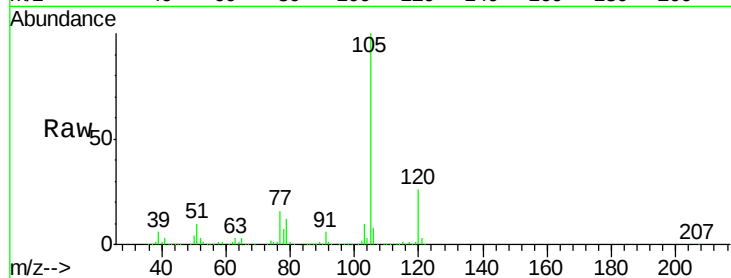
VSTDCCC050EC

Tot Ion:105 Resp: 565051

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

300000

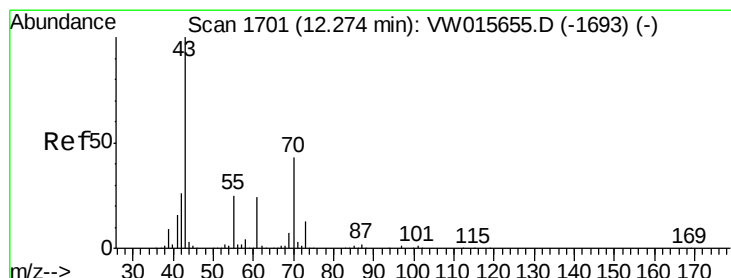
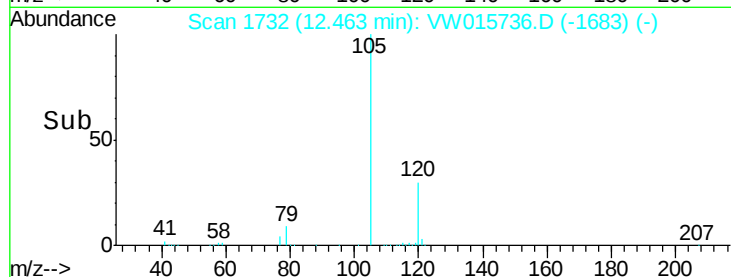
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 51.595 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Tgt Ion: 43 Resp: 126132

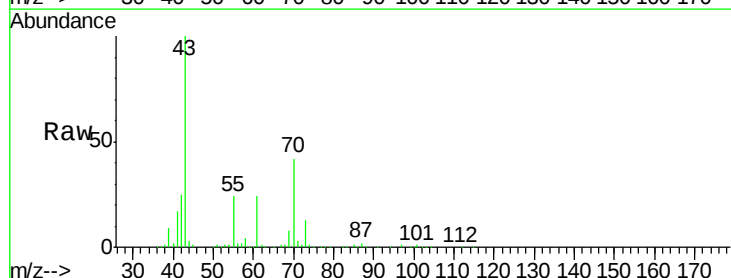
Ion Ratio Lower Upper

43 100

70 43.3 33.6 50.4

55 24.5 19.7 29.5

61 24.2 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

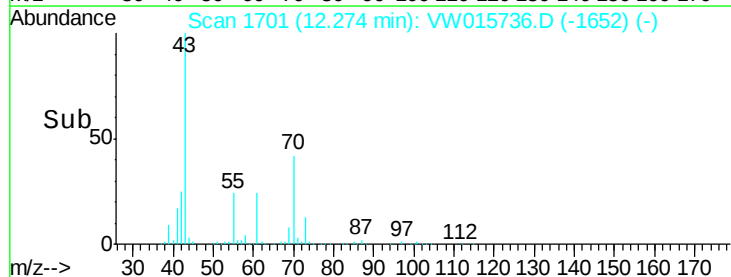
100000

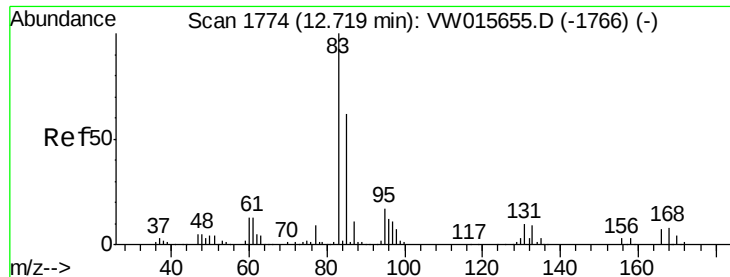
50000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 50.516 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

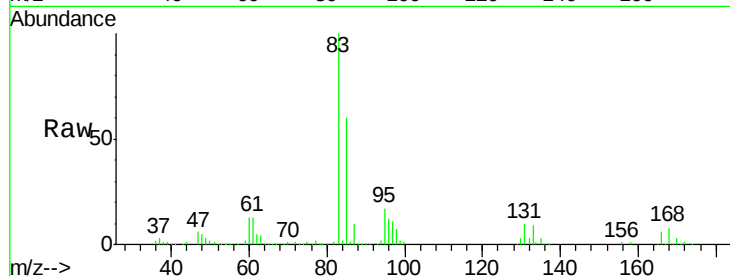
Tot Ion: 83 Resp: 93198

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

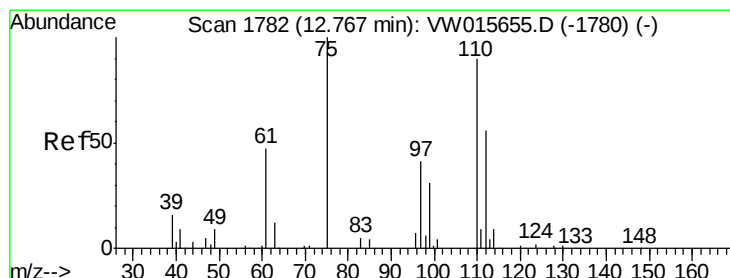
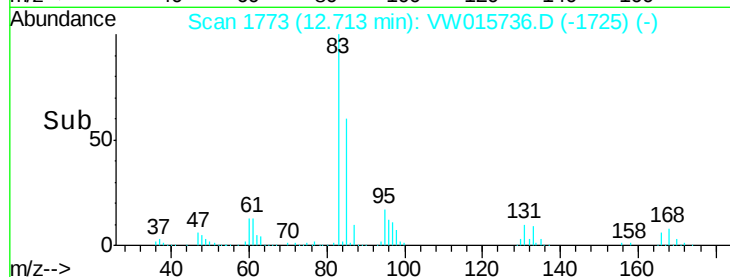
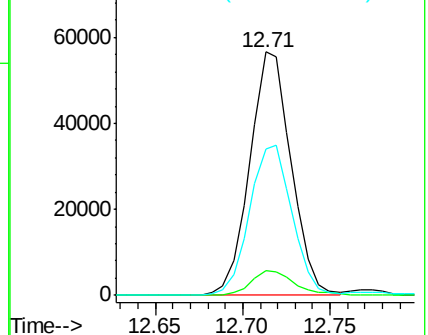
85 63.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 86.939 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015736.D

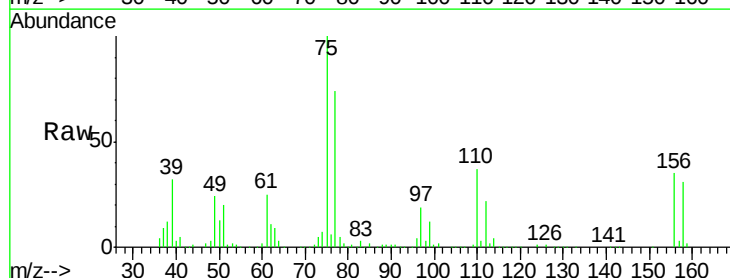
Acq: 25 Jun 2020 18:26

Tgt Ion: 75 Resp: 119884

Ion Ratio Lower Upper

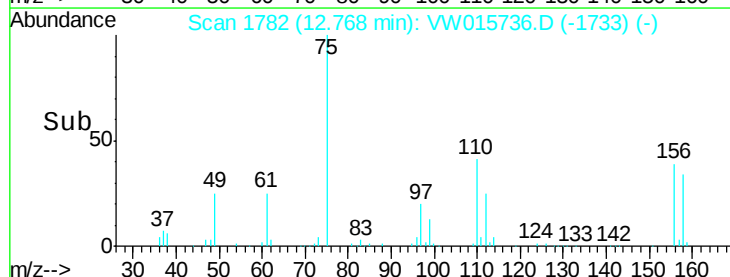
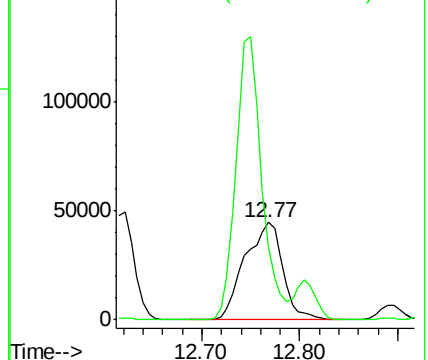
75 100

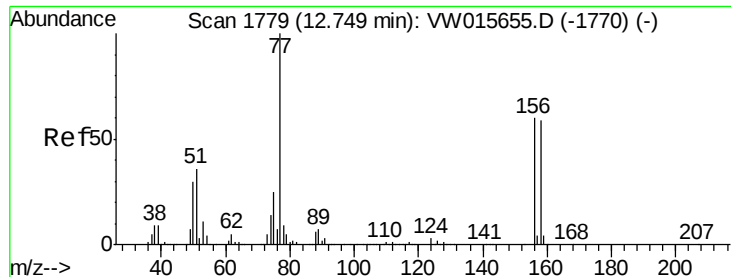
77 198.9 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.346 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

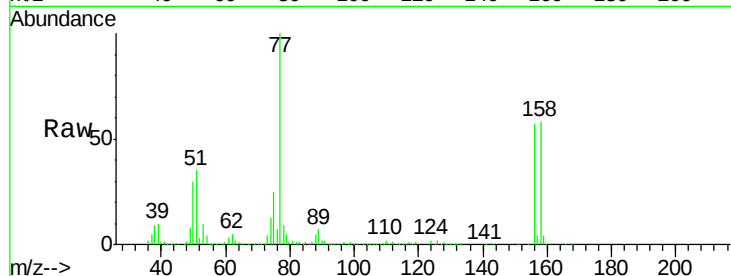
Tot Ion:156 Resp: 124320

Ion Ratio Lower Upper

156 100

77 191.8 94.5 283.5

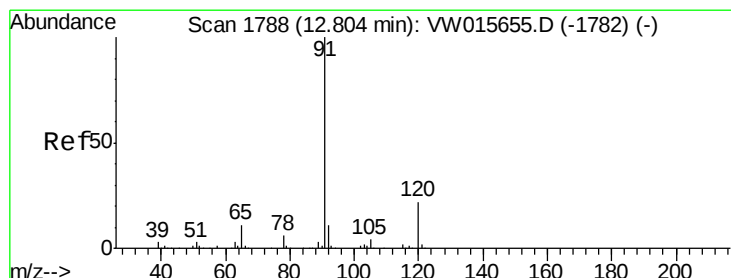
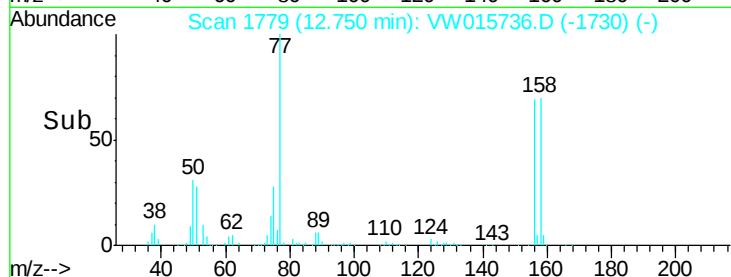
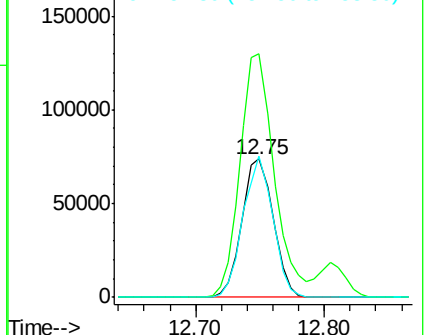
158 96.3 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.512 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015736.D

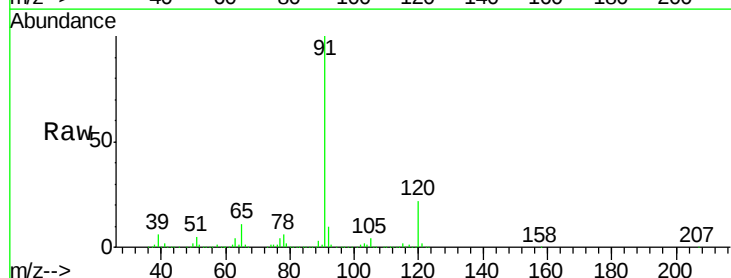
Acq: 25 Jun 2020 18:26

Tgt Ion: 91 Resp: 673404

Ion Ratio Lower Upper

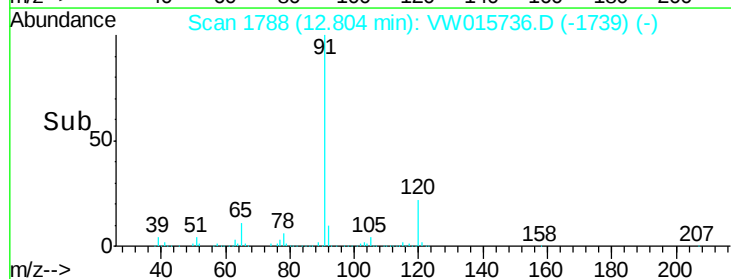
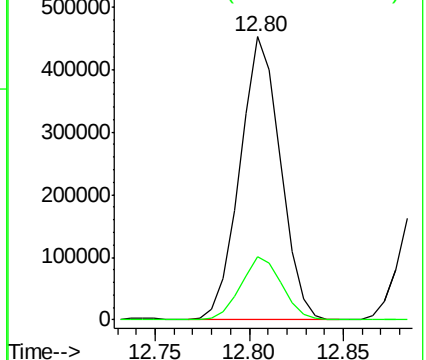
91 100

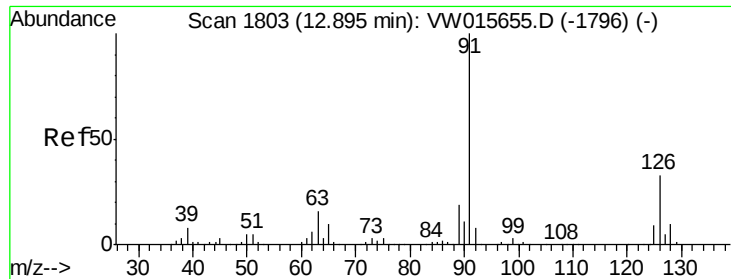
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

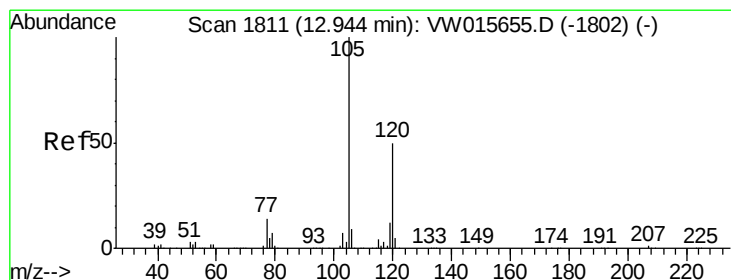
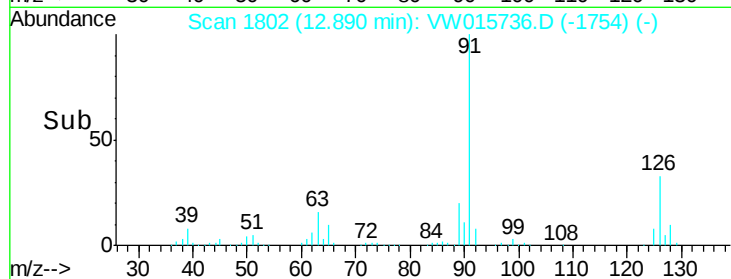
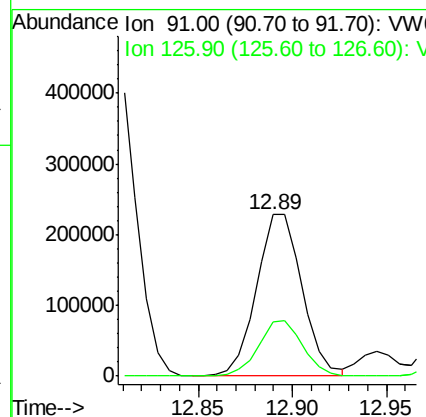
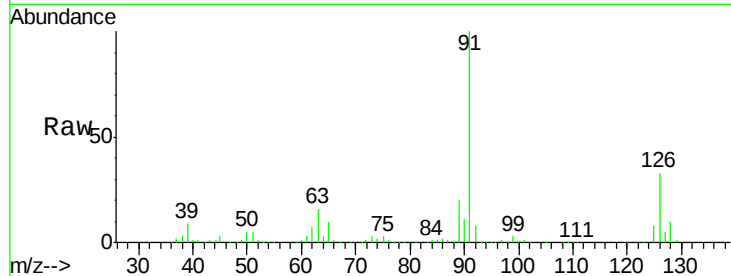




#79
 2-Chlorotoluene
 Concen: 48.894 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

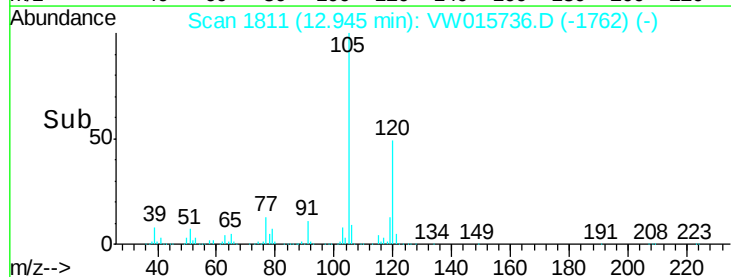
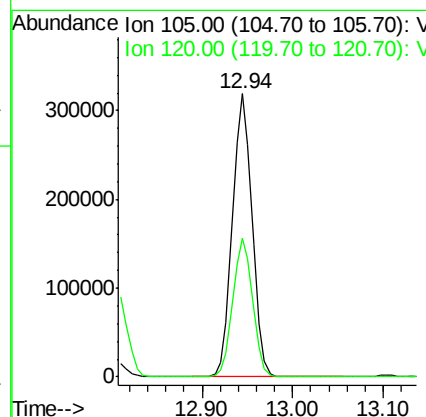
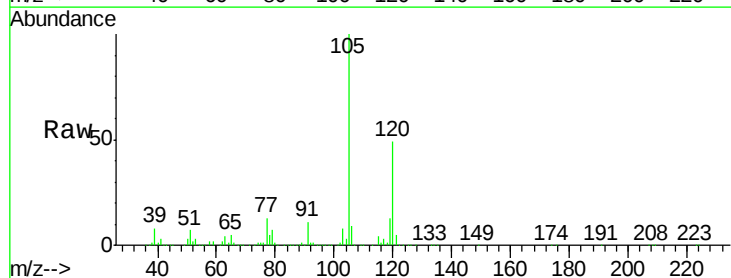
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

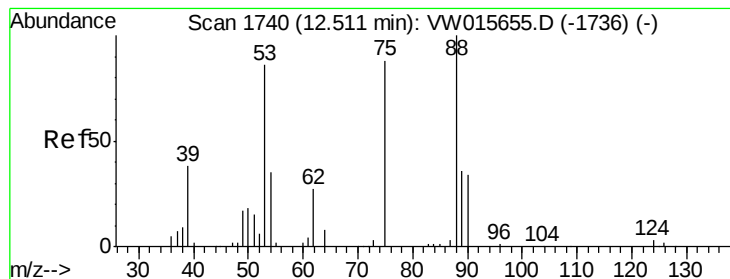
Tot Ion: 91 Resp: 382152
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 49.039 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 105 Resp: 479188
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.008 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

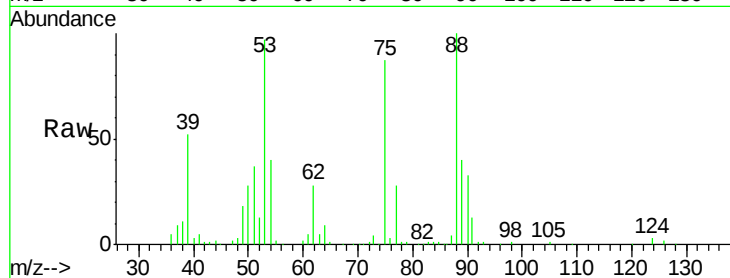
Tot Ion: 75 Resp: 26817

Ion Ratio Lower Upper

75 100

53 111.5 83.8 125.8

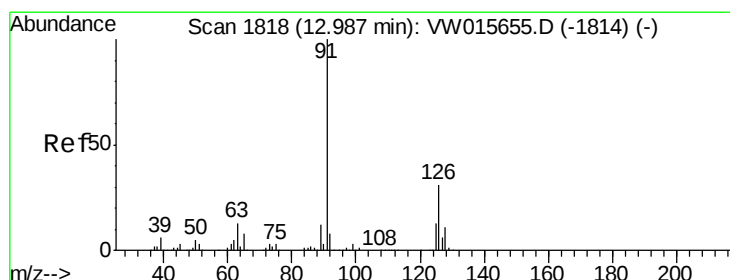
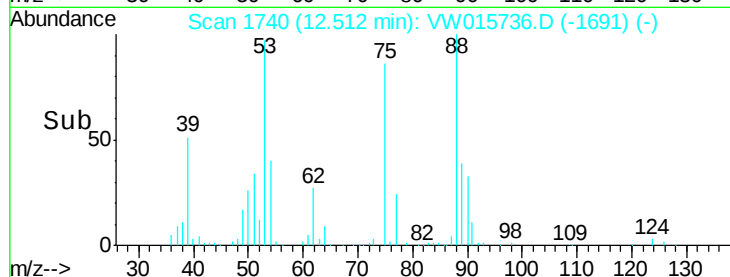
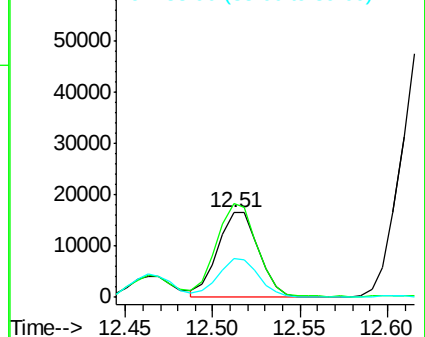
89 45.8 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 48.082 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015736.D

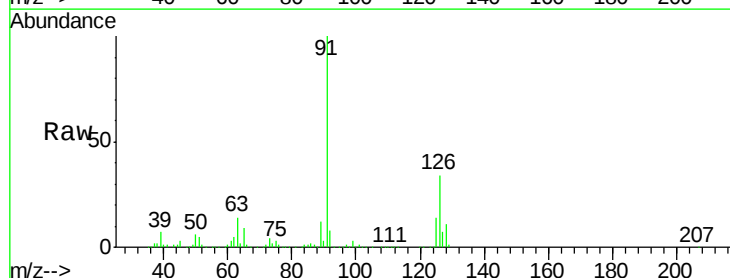
Acq: 25 Jun 2020 18:26

Tgt Ion: 91 Resp: 397575

Ion Ratio Lower Upper

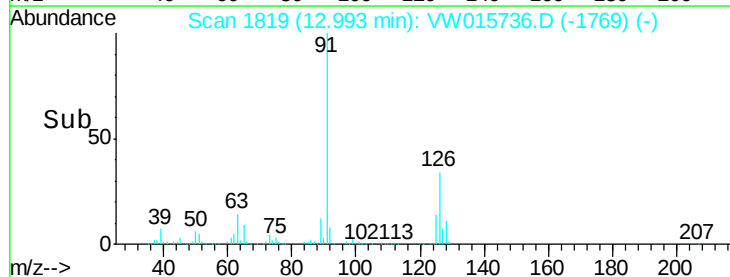
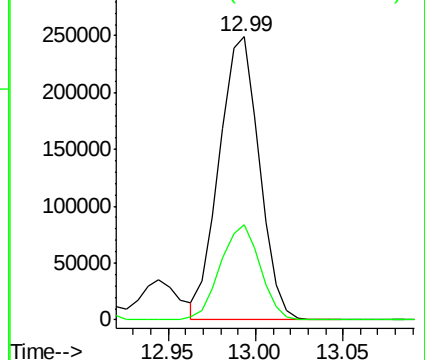
91 100

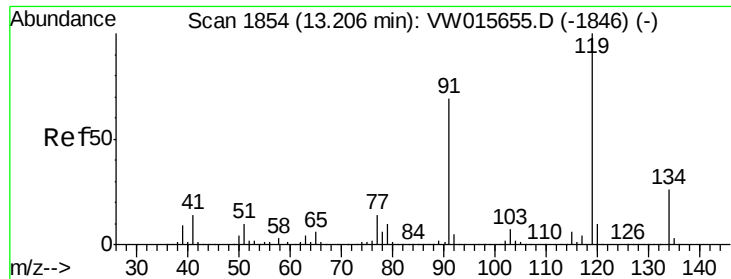
126 33.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW

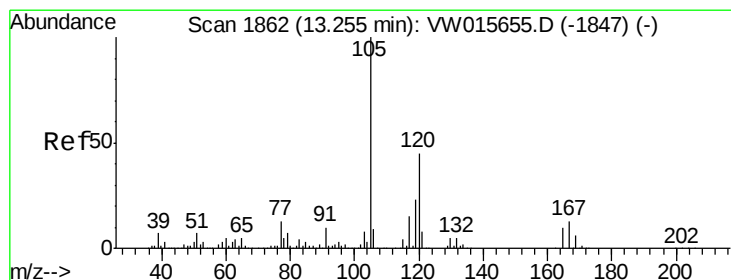
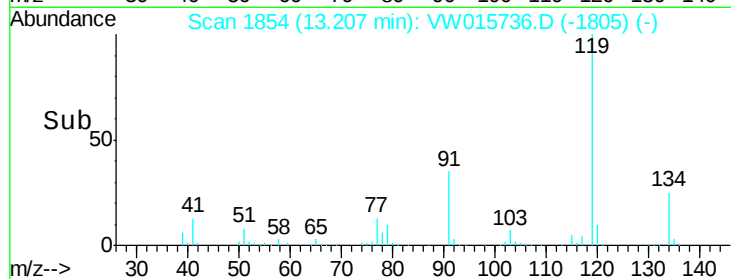
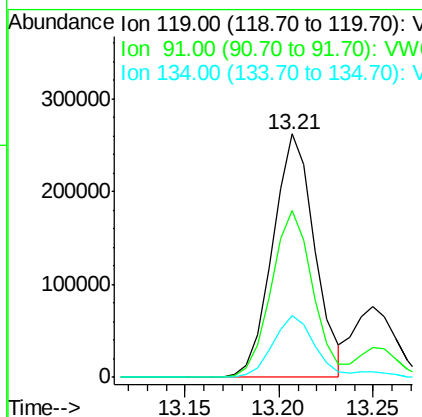
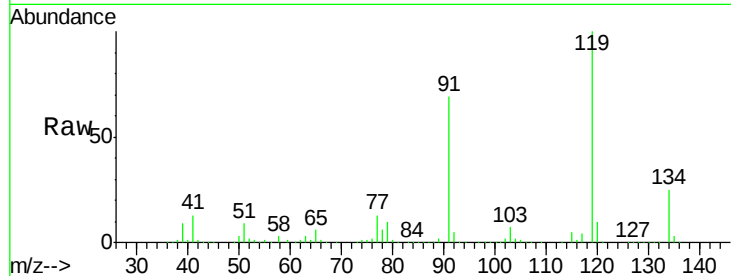




#83
tert-Butylbenzene
Concen: 48.994 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

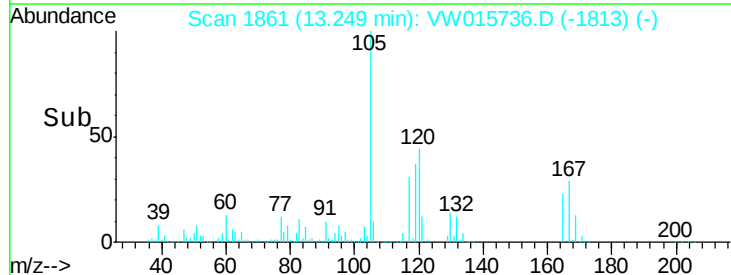
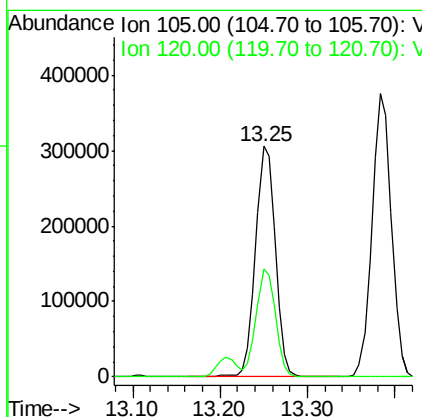
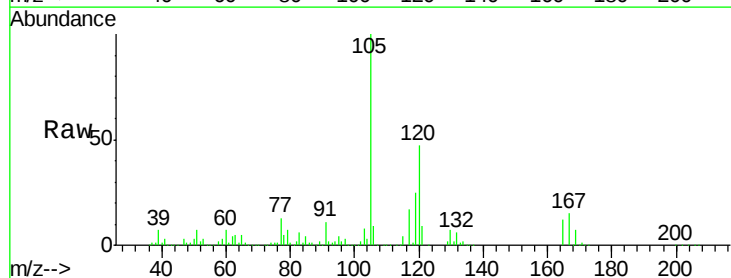
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

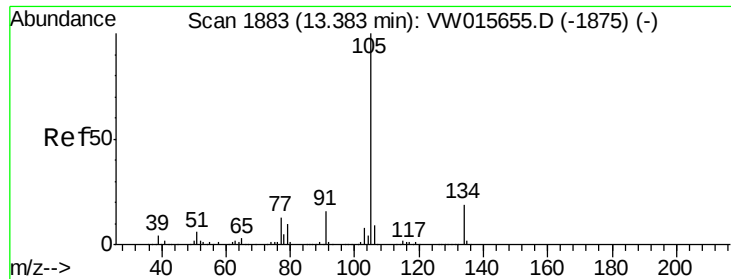
Tot Ion:119 Resp: 404509
Ion Ratio Lower Upper
119 100
91 68.7 34.7 104.1
134 25.4 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 49.444 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion:105 Resp: 481829
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 49.289 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

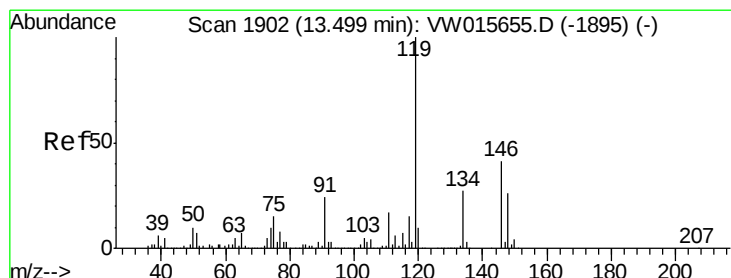
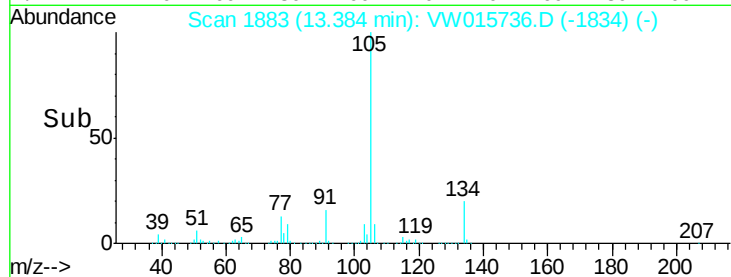
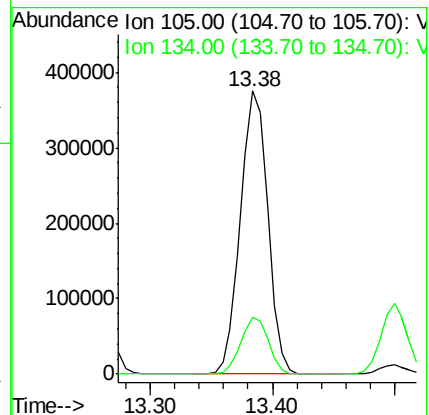
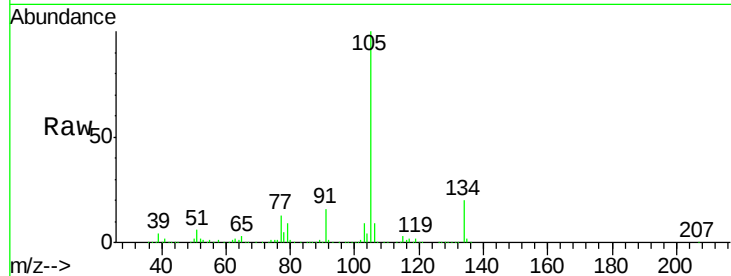
VSTDCCC050EC

Tot Ion:105 Resp: 581593

Ion Ratio Lower Upper

105 100

134 20.2 10.0 29.8



#86

p-Isopropyltoluene

Concen: 50.218 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

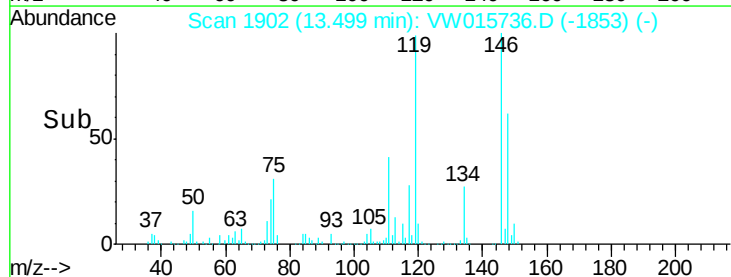
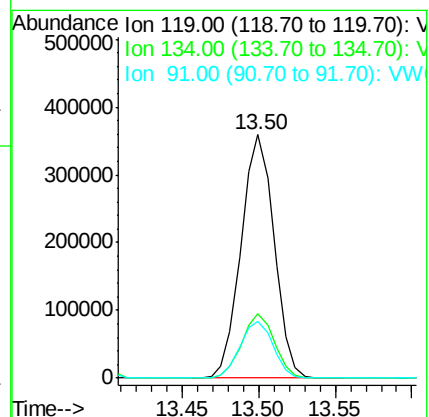
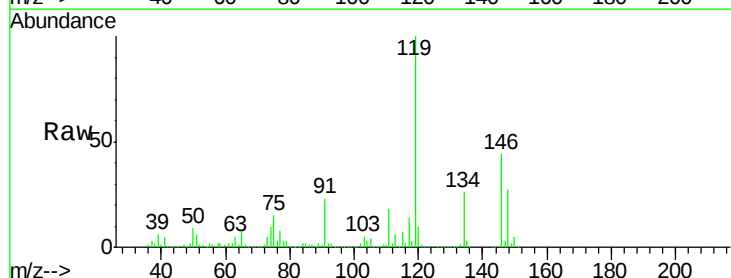
Tgt Ion:119 Resp: 538383

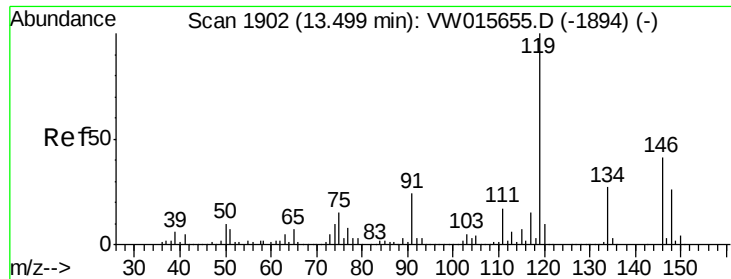
Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.4

91 23.5 12.3 36.8

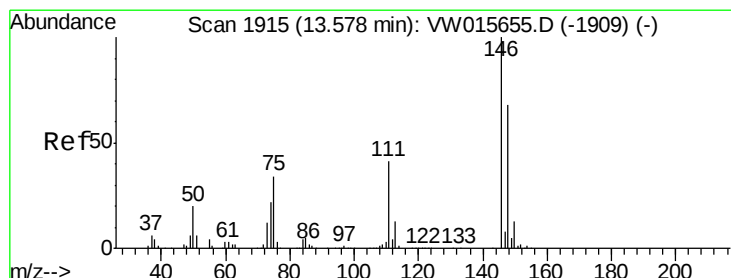
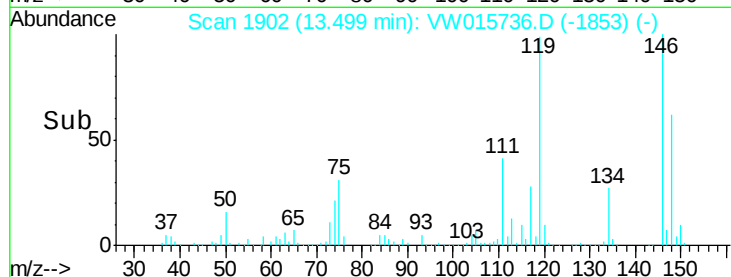
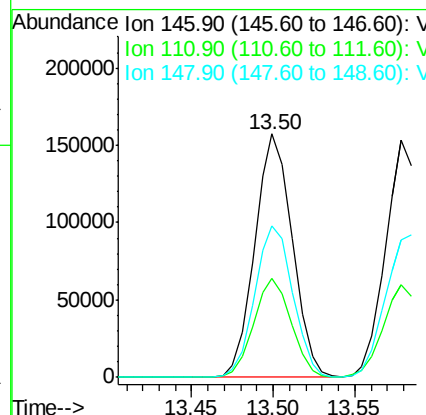
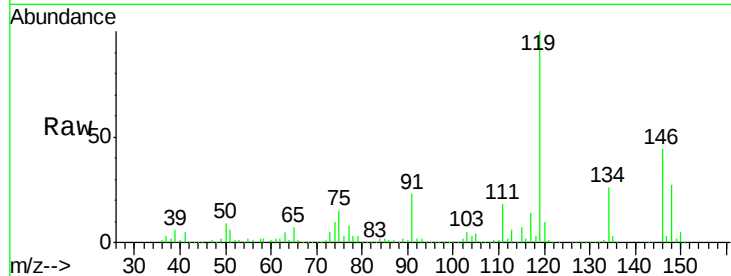




#87
 1,3-Dichlorobenzene
 Concen: 49.234 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

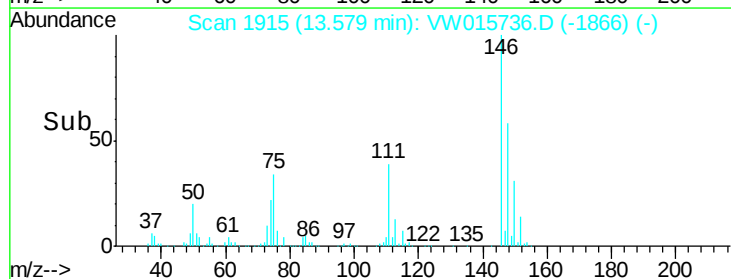
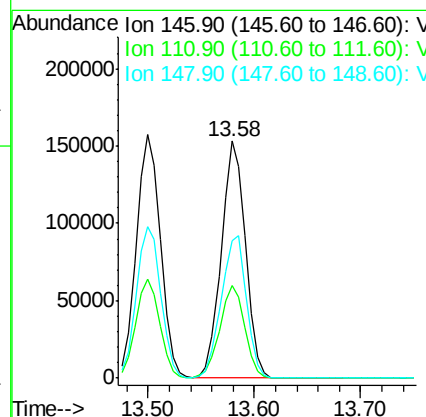
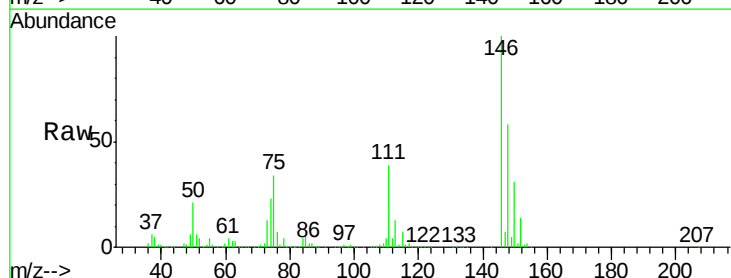
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

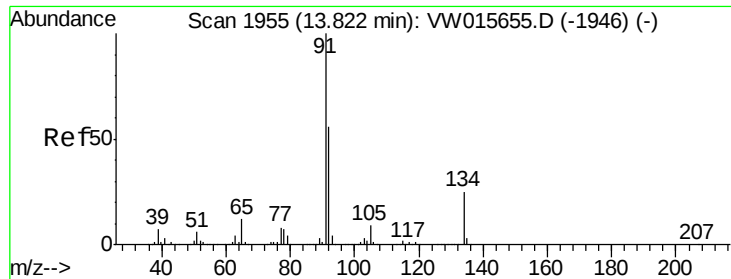
Tot Ion:146 Resp: 251326
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.8
 148 63.0 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 47.767 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion:146 Resp: 241496
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 62.7 33.7 101.1





#89

n-Butylbenzene

Concen: 49.694 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

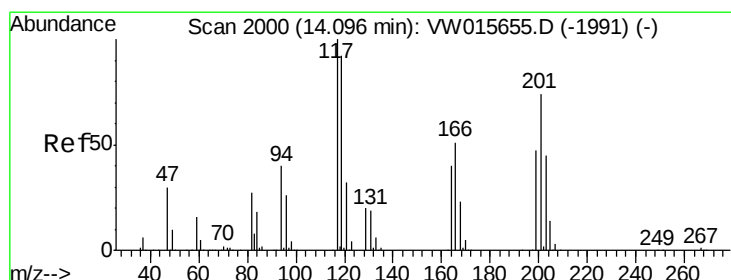
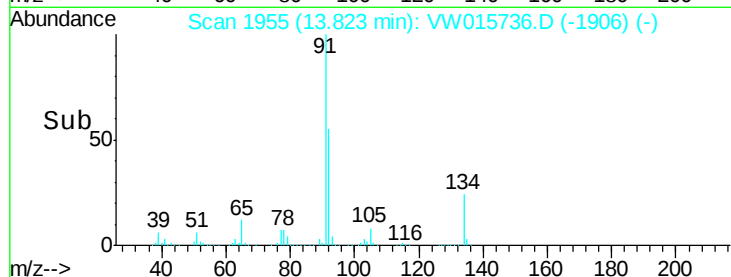
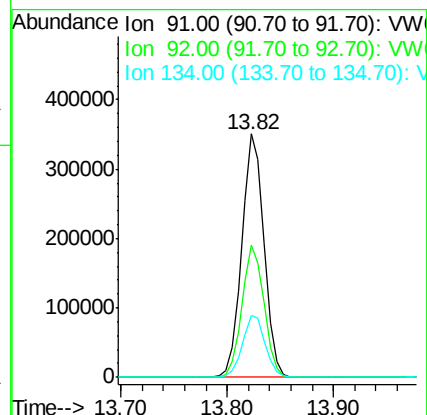
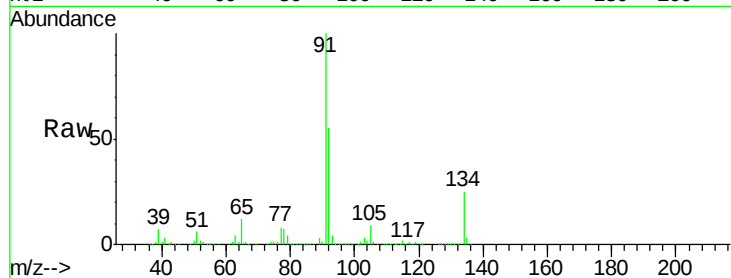
Tot Ion: 91 Resp: 511435

Ion Ratio Lower Upper

91 100

92 54.2 27.5 82.4

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 47.775 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015736.D

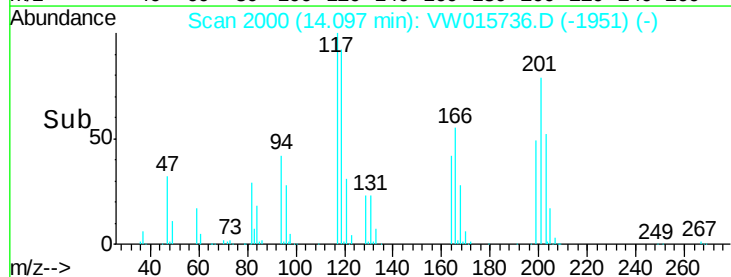
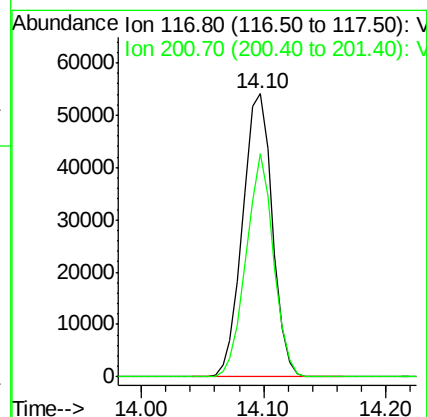
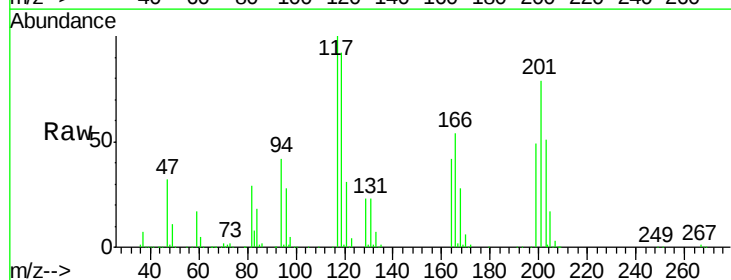
Acq: 25 Jun 2020 18:26

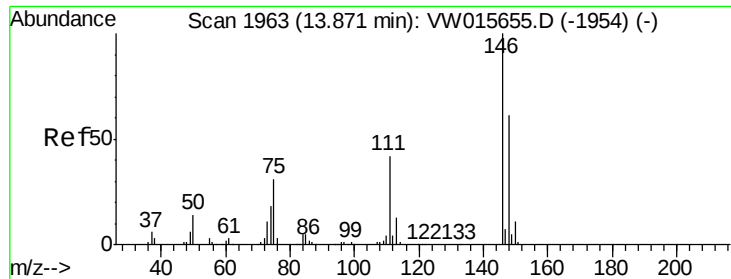
Tgt Ion: 117 Resp: 91150

Ion Ratio Lower Upper

117 100

201 72.7 37.1 111.5

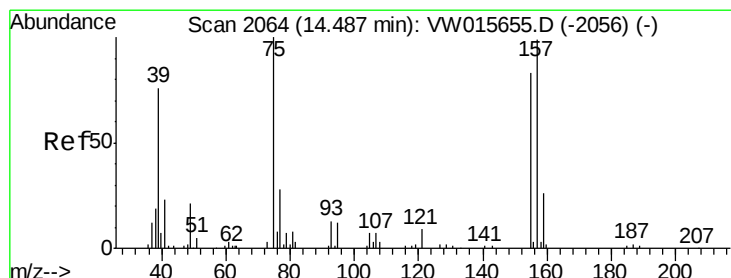
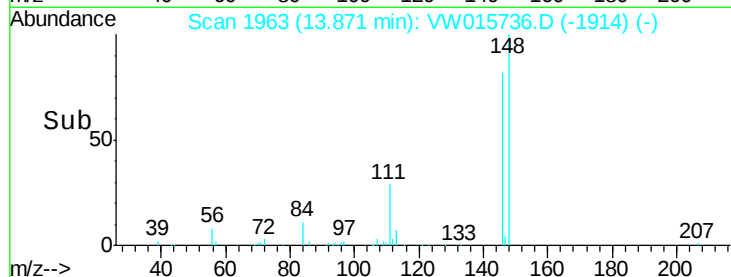
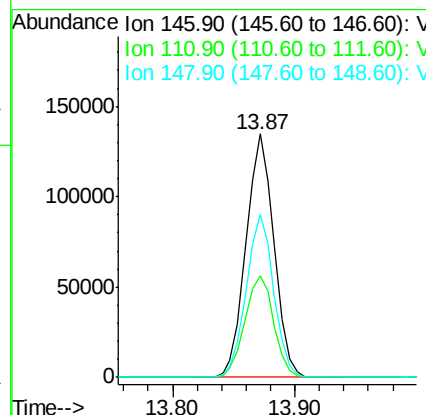
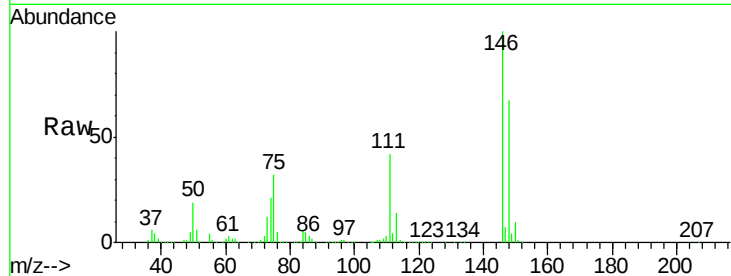




#91
 1,2-Dichlorobenzene
 Concen: 48.253 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

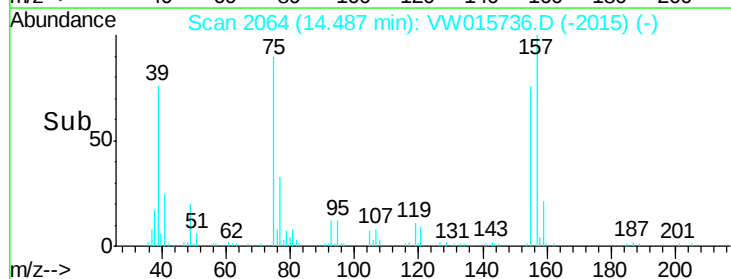
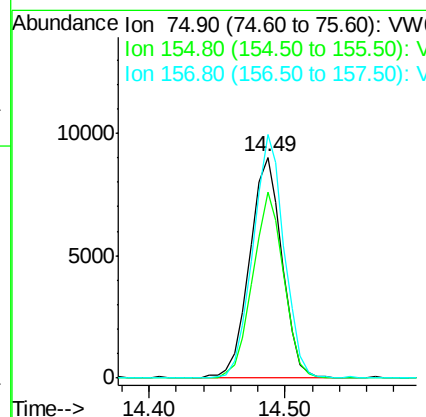
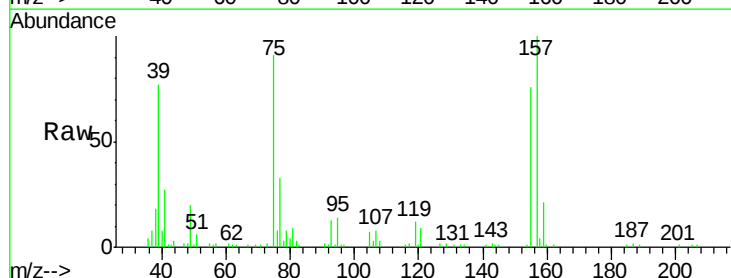
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

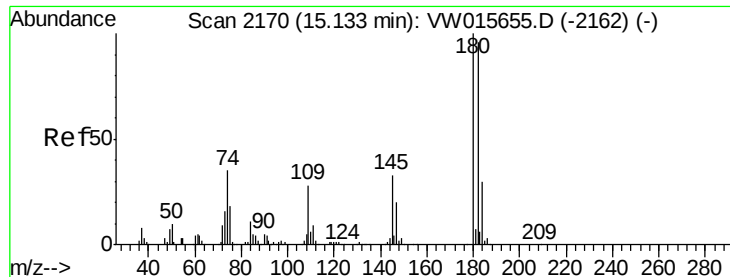
Tot Ion:146 Resp: 212971
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.7
 148 65.8 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.008 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 75 Resp: 15069
 Ion Ratio Lower Upper
 75 100
 155 80.4 40.8 122.2
 157 106.1 50.7 152.1

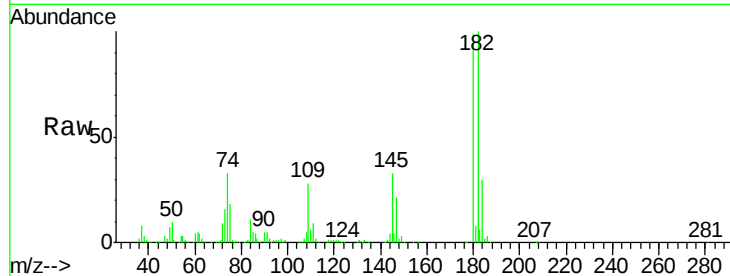




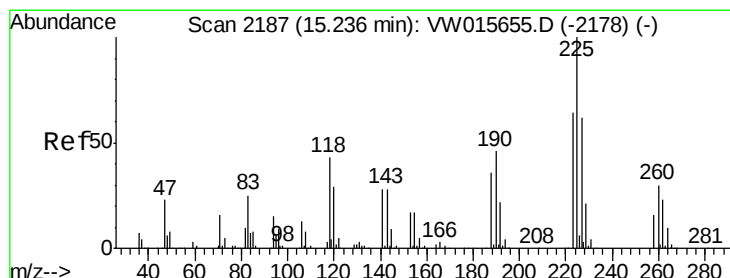
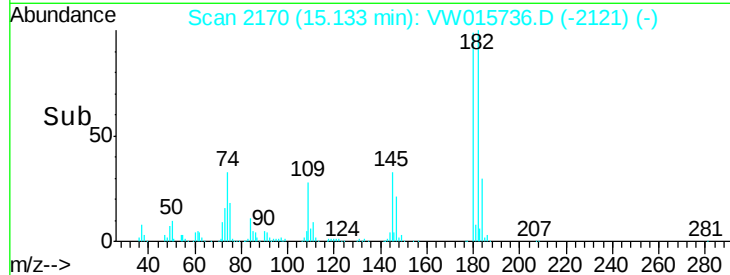
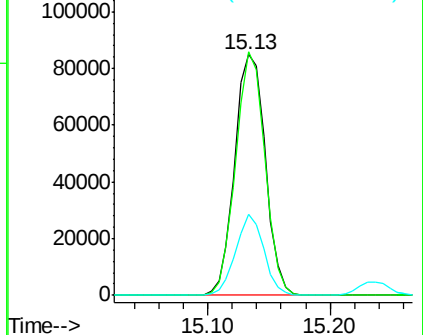
#93
 1,2,4-Trichlorobenzene
 Concen: 50.453 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.6
145	30.9	15.6	46.7

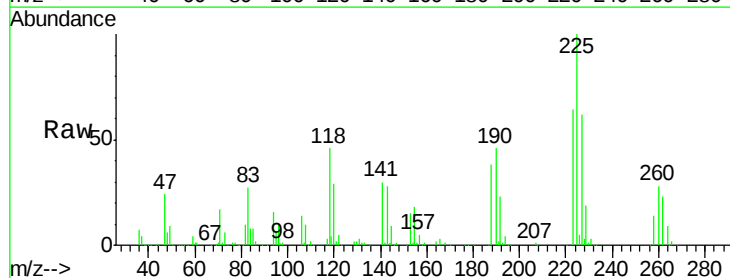


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

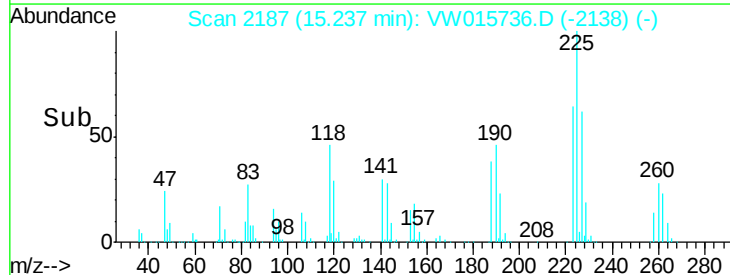
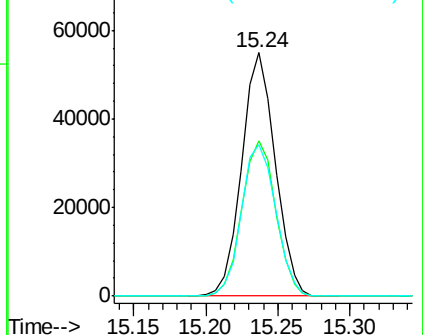


#94
 Hexachlorobutadiene
 Concen: 47.681 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.0	93.0
227	64.0	31.9	95.9



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

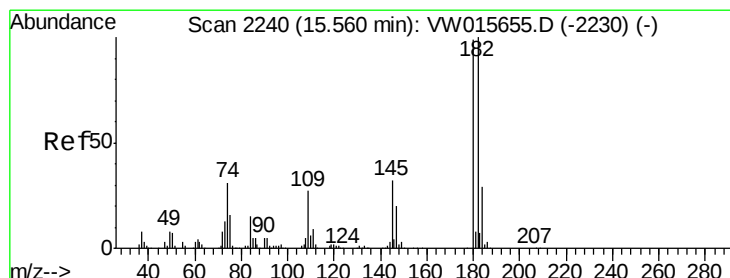
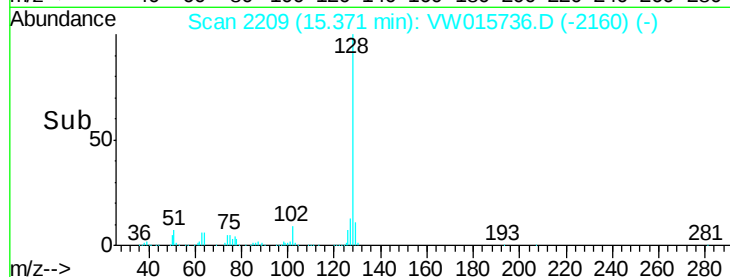
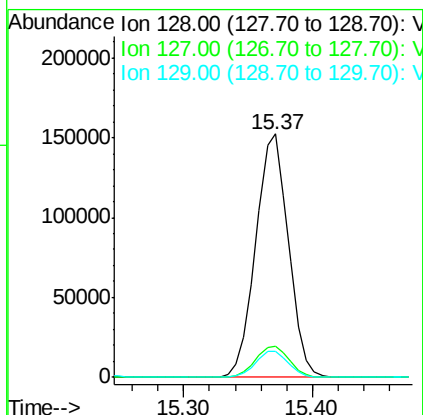
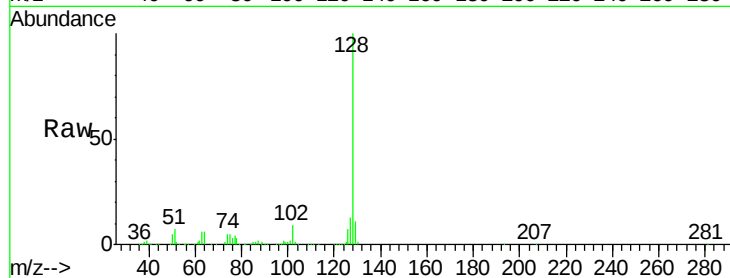




#95
Naphthalene
Concen: 55.328 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 266723
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.175 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion:180 Resp: 128420
Ion Ratio Lower Upper
180 100
182 94.4 49.0 147.0
145 31.8 16.4 49.2

