

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062320\
 Data File : VW015655.D
 Acq On : 23 Jun 2020 12:03
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 23 12:46:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 12:41:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115963	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	7.88	113	103190	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.33	98	419582	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.62	95	154939	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	71805	57.810	ug/l	100
3) Chloromethane	2.22	50	75068	49.673	ug/l	100
4) Vinyl Chloride	2.37	62	129937	54.764	ug/l	100
5) Bromomethane	2.79	94	89402	53.569	ug/l	100
6) Chloroethane	2.93	64	85291	55.519	ug/l	100
7) Trichlorofluoromethane	3.26	101	103841	58.268	ug/l	100
8) Diethyl Ether	3.68	74	54024	51.483	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	112562	52.604	ug/l	100
10) Methyl Iodide	4.27	142	160119	51.164	ug/l	100
11) Tert butyl alcohol	5.18	59	33351	191.342	ug/l	100
12) 1,1-Dichloroethene	4.04	96	111007	52.308	ug/l	100
13) Acrolein	3.89	56	39496	275.847	ug/l	100
14) Allyl chloride	4.67	41	177260	49.777	ug/l	100
15) Acrylonitrile	5.37	53	109592	257.222	ug/l	100
16) Acetone	4.12	43	123029	263.980	ug/l	100
17) Carbon Disulfide	4.38	76	331907	52.453	ug/l	100
18) Methyl Acetate	4.67	43	48249	47.730	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	162416	50.632	ug/l	100
20) Methylene Chloride	4.92	84	118377	49.042	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	124327	52.077	ug/l	100
22) Diisopropyl ether	6.32	45	358649	53.076	ug/l	100
23) Vinyl Acetate	6.26	43	1061669	267.859	ug/l	100
24) 1,1-Dichloroethane	6.22	63	218706	51.329	ug/l	100
25) 2-Butanone	7.18	43	156599	261.173	ug/l	100
26) 2,2-Dichloropropane	7.17	77	144659	48.384	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	137321	52.893	ug/l	100
28) Bromochloromethane	7.52	49	80575	50.444	ug/l	100
29) Tetrahydrofuran	7.54	42	92612	258.854	ug/l	100
30) Chloroform	7.68	83	227185	52.819	ug/l	100
31) Cyclohexane	7.96	56	212317	50.507	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	198168	53.138	ug/l	100
36) 1,1-Dichloropropene	8.09	75	189274	54.747	ug/l	100
37) Ethyl Acetate	7.26	43	68252	52.388	ug/l	100
38) Carbon Tetrachloride	8.07	117	184731	54.859	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	236625	55.533	ug/l	100
40) Benzene	8.33	78	508620	54.708	ug/l	100
41) Methacrylonitrile	7.49	41	39013	52.887	ug/l	100
42) 1,2-Dichloroethane	8.40	62	155658	55.149	ug/l	100
43) Isopropyl Acetate	8.43	43	138030	53.396	ug/l	100
44) Trichloroethene	9.10	130	137433	55.194	ug/l	100
45) 1,2-Dichloropropane	9.37	63	122515	54.273	ug/l	100
46) Dibromomethane	9.46	93	62826	54.871	ug/l	100
47) Bromodichloromethane	9.65	83	167384	53.915	ug/l	100
48) Methyl methacrylate	9.44	41	65141	54.978	ug/l	100
49) 1,4-Dioxane	9.44	88	16302	1081.056	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	332880	270.891	ug/l	100
52) Toluene	10.39	92	331841	55.281	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	164774	54.282	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	196529	54.510	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	87451	54.730	ug/l	100
56) Ethyl methacrylate	10.65	69	113567	55.073	ug/l	100
57) 1,3-Dichloropropane	10.93	76	154679	54.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	246067	249.554	ug/l	100
59) 2-Hexanone	10.97	43	233555	276.482	ug/l	100
60) Dibromochloromethane	11.13	129	106281	54.670	ug/l	100
61) 1,2-Dibromoethane	11.24	107	84316	55.212	ug/l	100
64) Tetrachloroethene	10.87	164	116441	54.737	ug/l	100
65) Chlorobenzene	11.66	112	347470	54.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	123111	53.889	ug/l	100
67) Ethyl Benzene	11.73	91	658230	54.558	ug/l	100
68) m/p-Xylenes	11.84	106	494858	109.855	ug/l	100
69) o-Xylene	12.17	106	228570	54.661	ug/l	100
70) Styrene	12.18	104	393833	55.143	ug/l	100
71) Bromoform	12.35	173	57985	53.730	ug/l	# 100
73) Isopropylbenzene	12.46	105	646132	52.749	ug/l	100
74) N-amyl acetate	12.27	43	134095	52.147	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	98301	52.844	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	131126	97.462	ug/l	30
77) Bromobenzene	12.75	156	141506	53.528	ug/l	100
78) n-propylbenzene	12.80	91	785245	53.510	ug/l	100
79) 2-Chlorotoluene	12.90	91	433353	52.311	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	551447	53.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	31179	51.296	ug/l	100
82) 4-Chlorotoluene	12.99	91	459713	53.538	ug/l	100
83) tert-Butylbenzene	13.21	119	457764	52.067	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	550792	53.363	ug/l	100
85) sec-Butylbenzene	13.38	105	675944	54.124	ug/l	100
86) p-Isopropyltoluene	13.50	119	604711	53.080	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	281207	53.506	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	269725	51.945	ug/l	100
89) n-Butylbenzene	13.82	91	591751	53.914	ug/l	100
90) Hexachloroethane	14.10	117	108130	51.794	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	242012	53.015	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16154	50.908	ug/l	100

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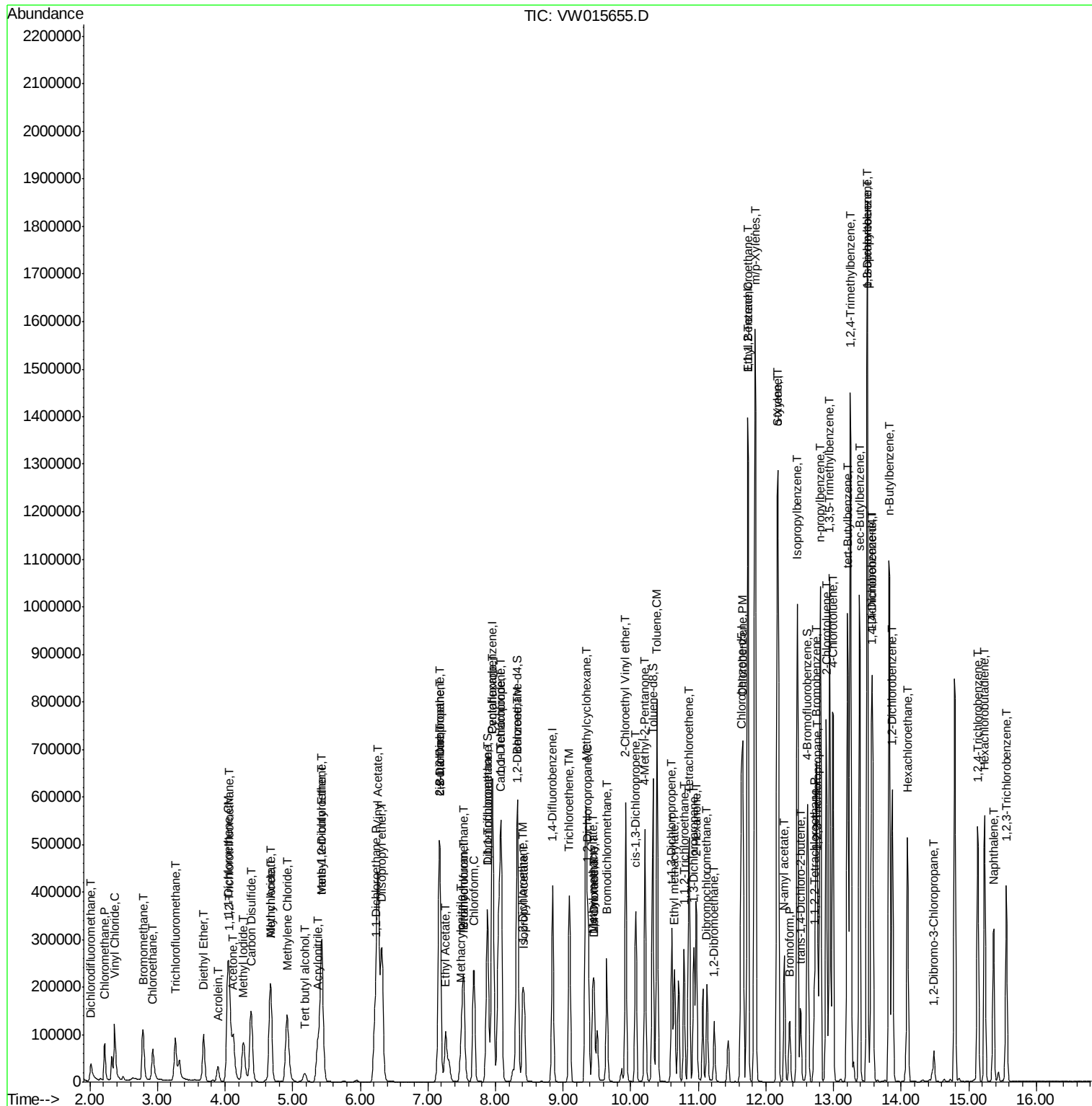
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	166334	52.894	ug/l	100
94) Hexachlorobutadiene	15.24	225	104575	54.003	ug/l	100
95) Naphthalene	15.37	128	279413	53.399	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	138186	52.516	ug/l	100

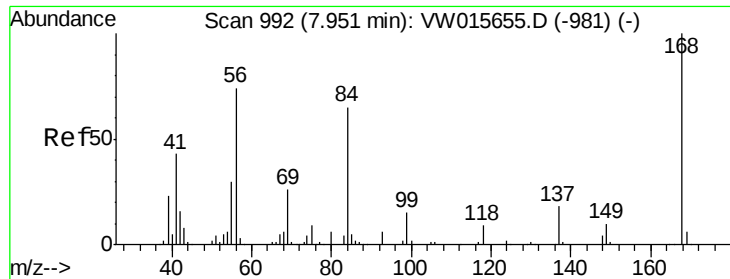
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

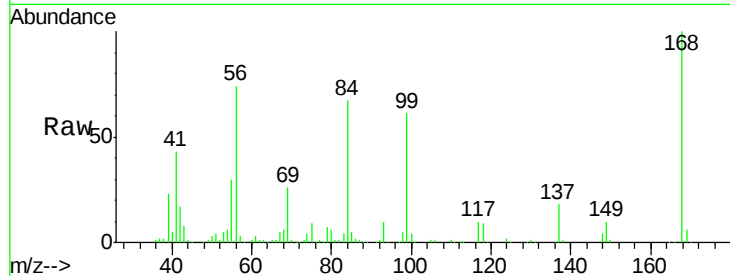
VSTDICCC050

Tgt Ion:168 Resp: 218797

Ion Ratio Lower Upper

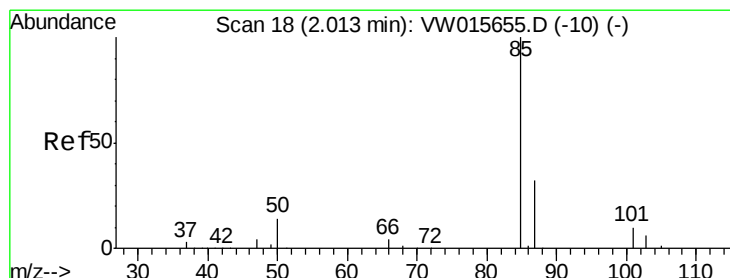
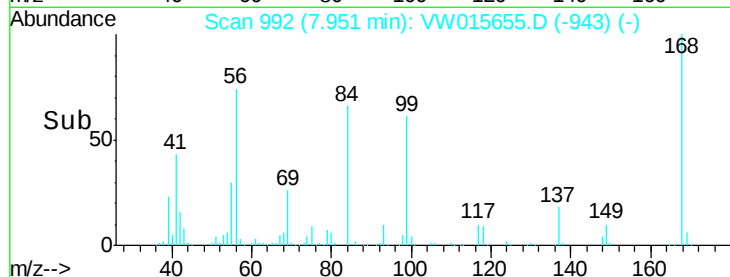
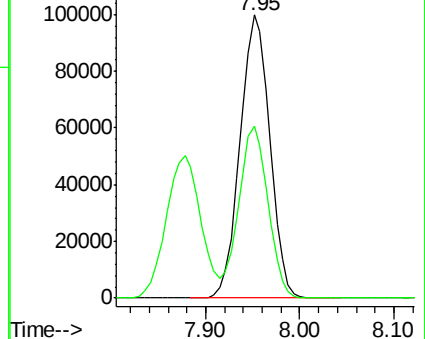
168 100

99 60.8 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 57.810 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015655.D

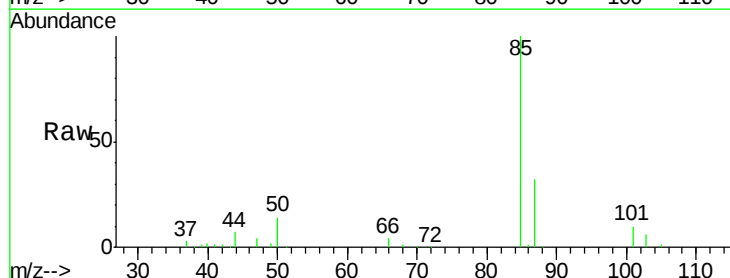
Acq: 23 Jun 2020 12:03

Tgt Ion: 85 Resp: 71805

Ion Ratio Lower Upper

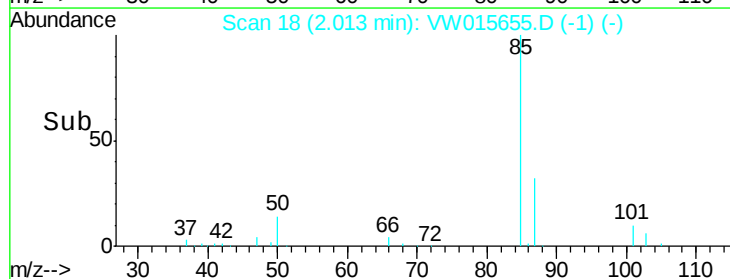
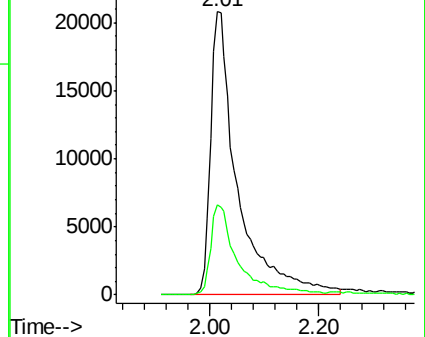
85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.673 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

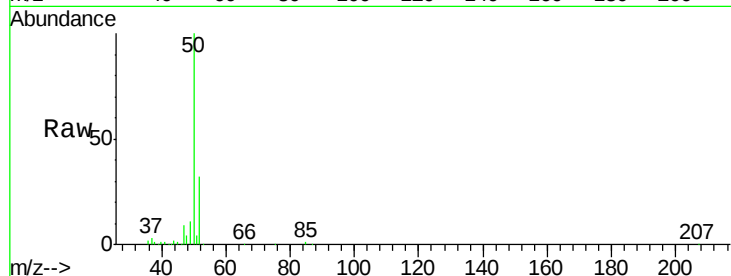
VSTDICCC050

Tgt Ion: 50 Resp: 75068

Ion Ratio Lower Upper

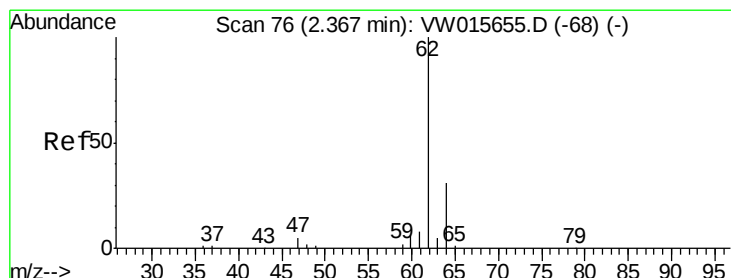
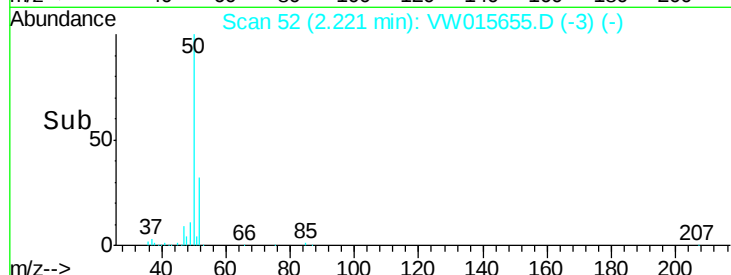
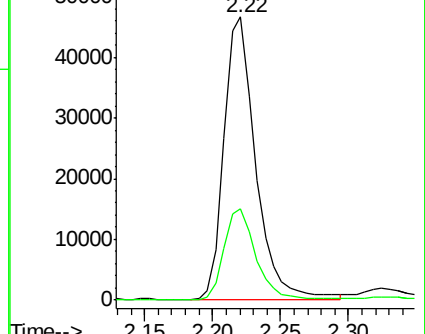
50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 54.764 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015655.D

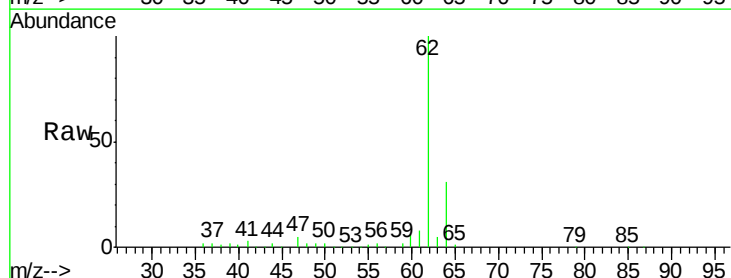
Acq: 23 Jun 2020 12:03

Tgt Ion: 62 Resp: 129937

Ion Ratio Lower Upper

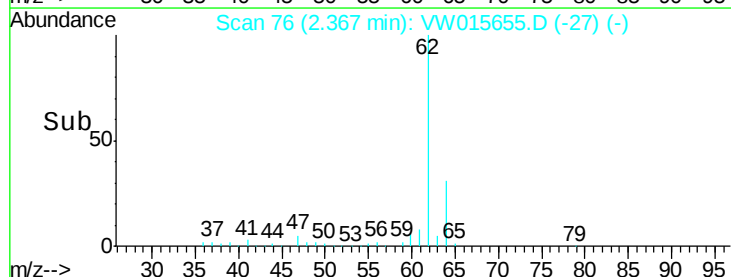
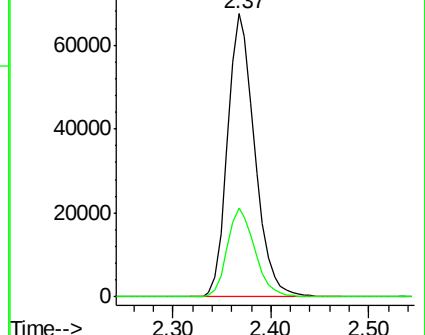
62 100

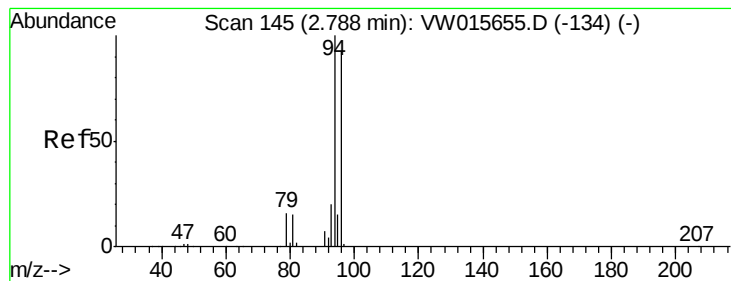
64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 53.569 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

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ClientSampleId :

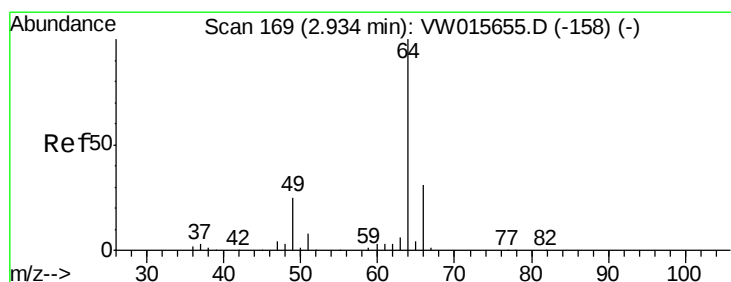
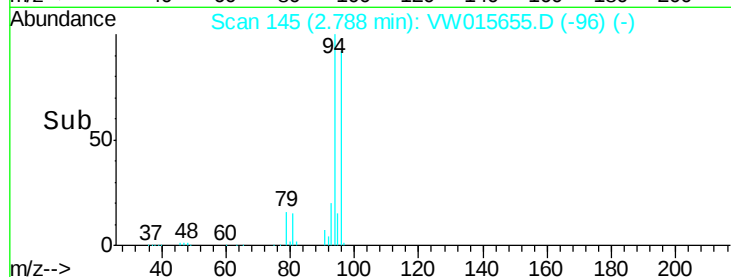
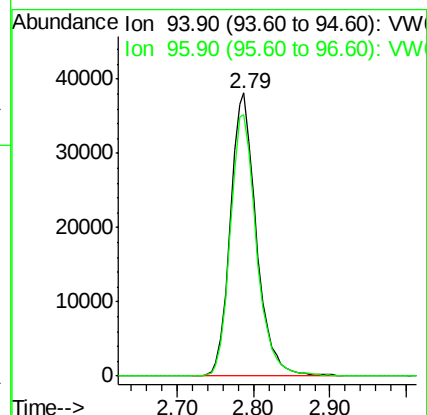
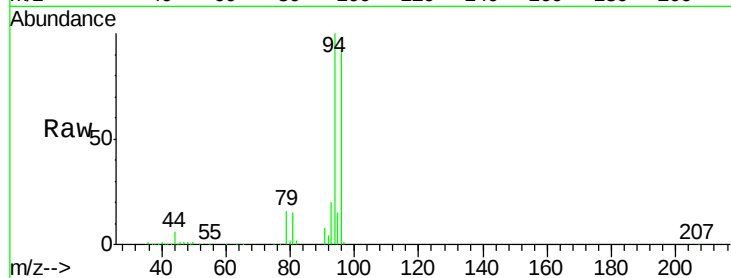
VSTDICCC050

Tgt Ion: 94 Resp: 89402

Ion Ratio Lower Upper

94 100

96 92.2 73.8 110.6



#6

Chloroethane

Concen: 55.519 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW015655.D

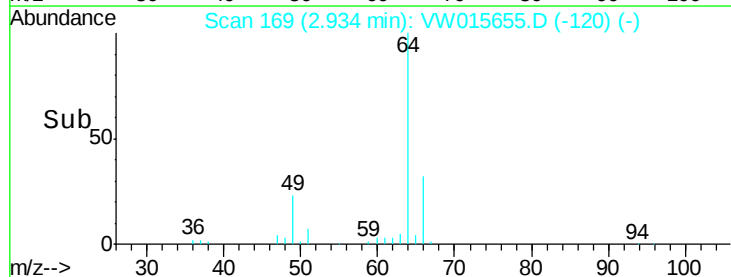
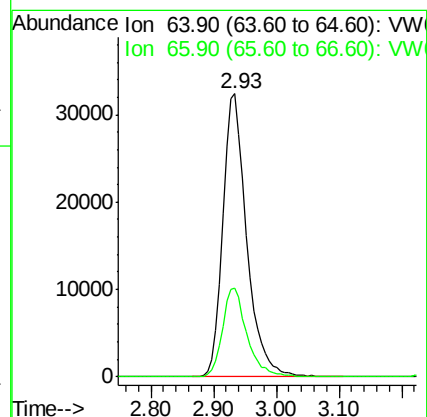
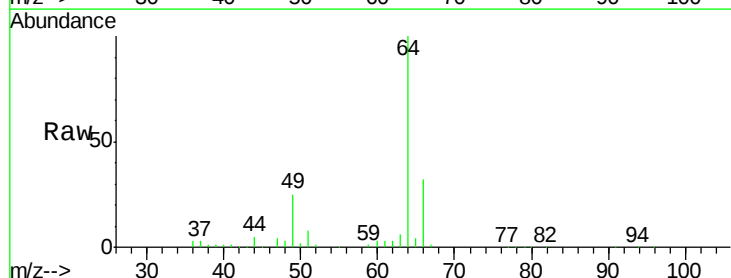
Acq: 23 Jun 2020 12:03

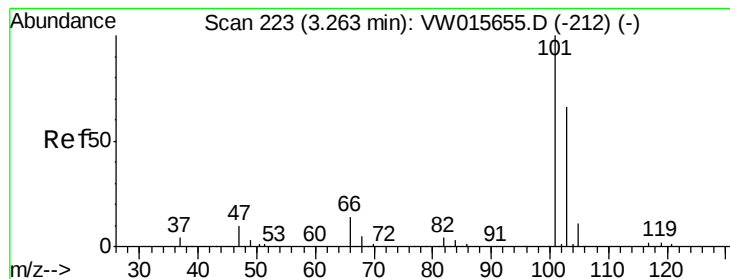
Tgt Ion: 64 Resp: 85291

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9



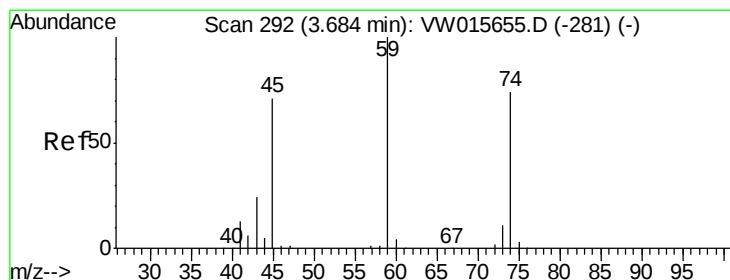
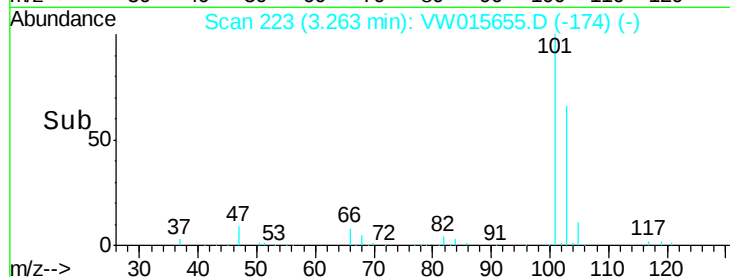
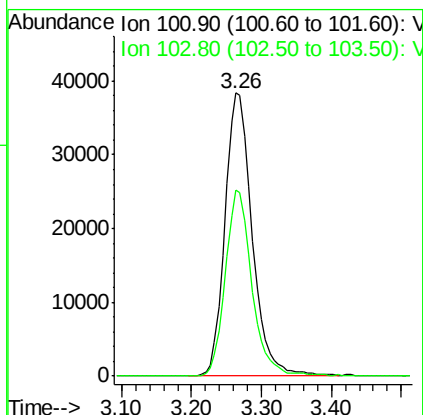
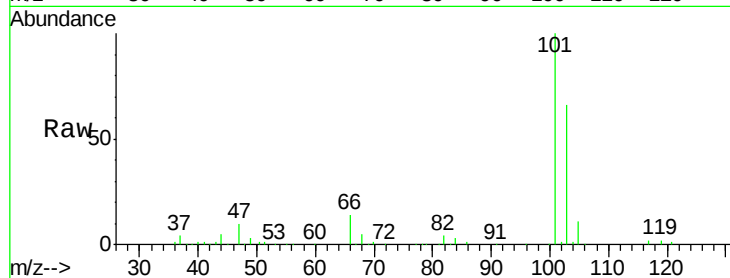


#7

Trichlorofluoromethane
Concen: 58.268 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
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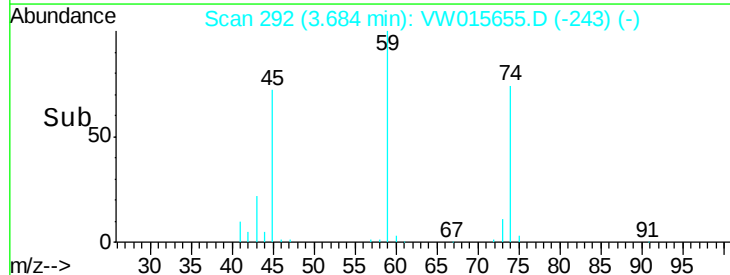
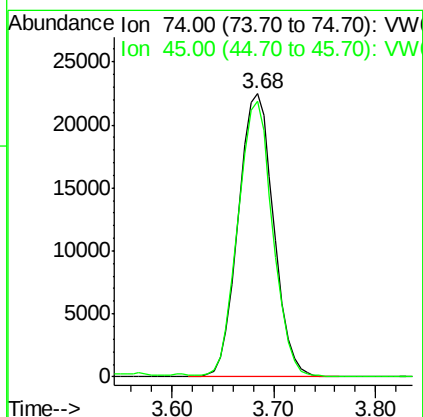
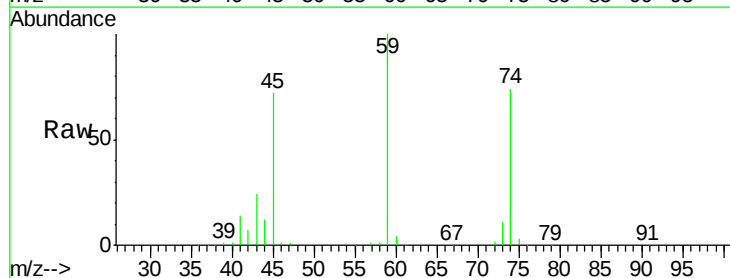
Tgt Ion:101 Resp: 103841
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8

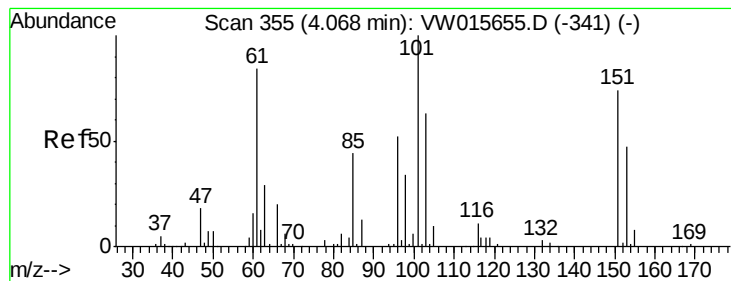


#8

Diethyl Ether
Concen: 51.483 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 74 Resp: 54024
Ion Ratio Lower Upper
74 100
45 96.4 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.604 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

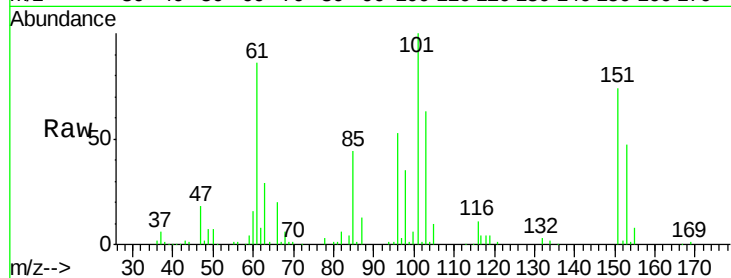
Tgt Ion:101 Resp: 112562

Ion Ratio Lower Upper

101 100

85 45.8 36.6 55.0

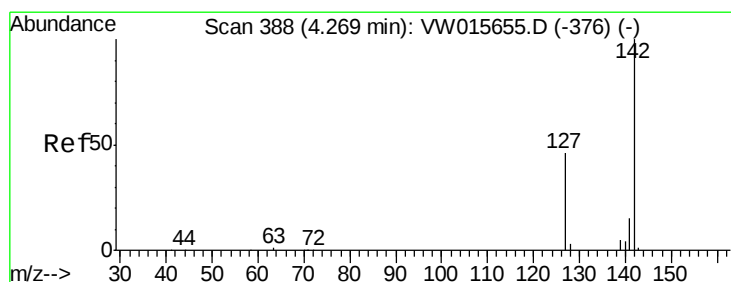
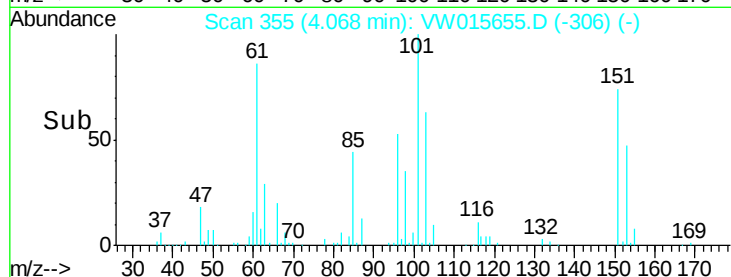
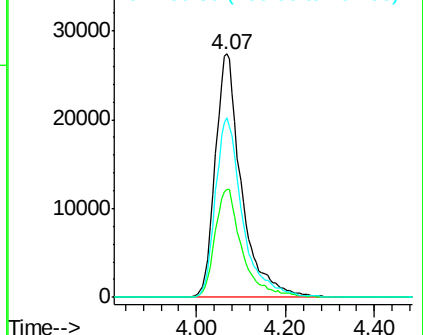
151 75.5 60.4 90.6



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: 51.164 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

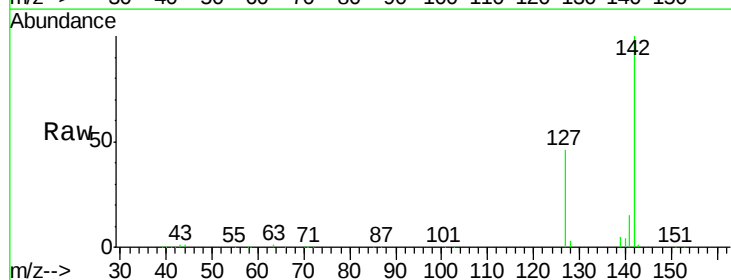
Tgt Ion:142 Resp: 160119

Ion Ratio Lower Upper

142 100

127 45.5 36.4 54.6

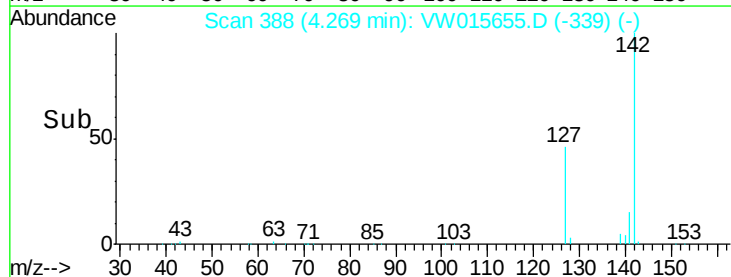
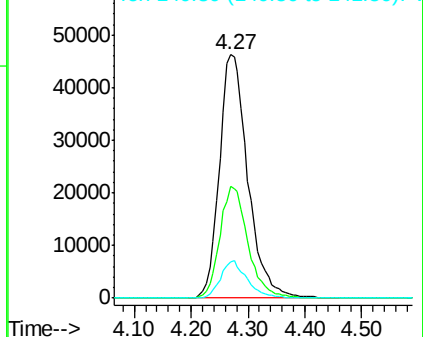
141 14.5 11.6 17.4

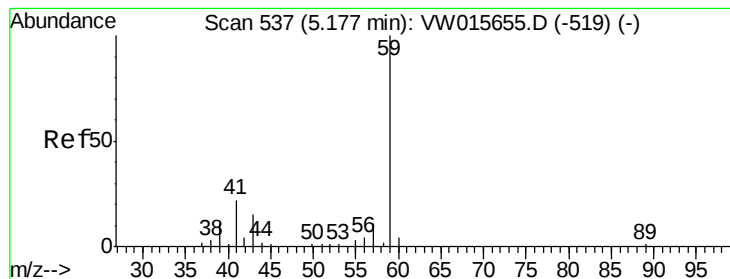


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



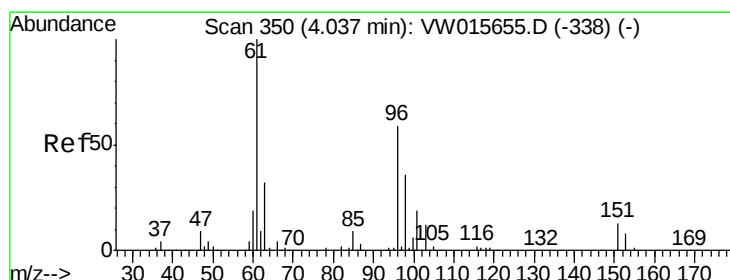
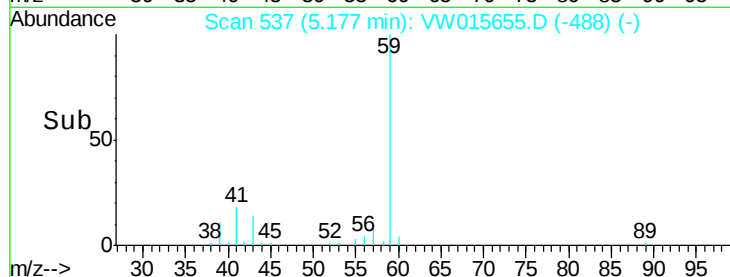
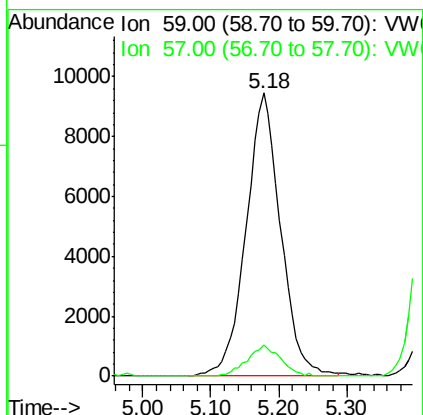
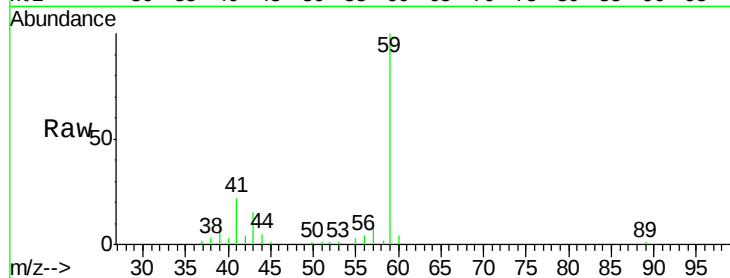


#11

Tert butyl alcohol
 Concen: 191.342 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

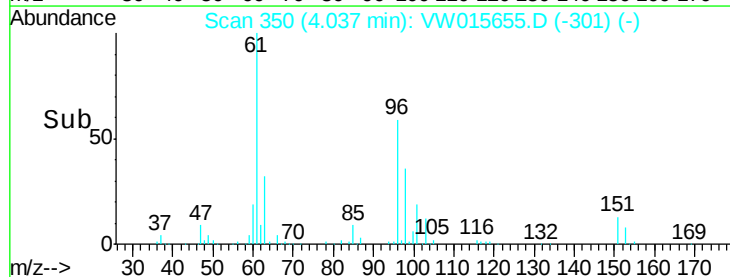
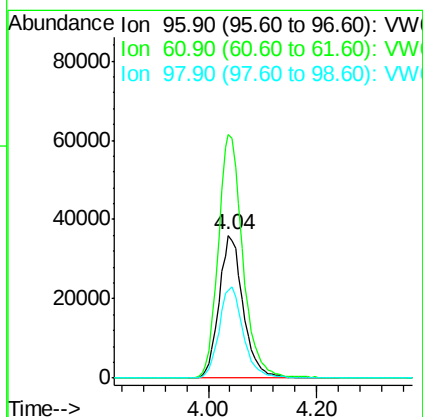
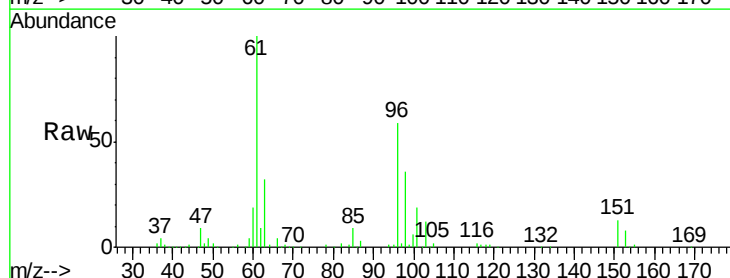
Tgt Ion: 59 Resp: 33351
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

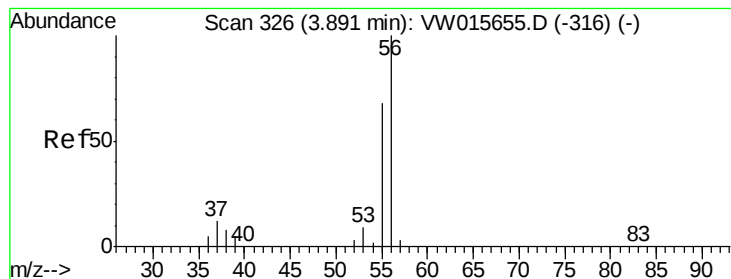


#12

1,1-Dichloroethene
 Concen: 52.308 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 96 Resp: 111007
 Ion Ratio Lower Upper
 96 100
 61 170.9 136.7 205.1
 98 61.5 49.2 73.8





#13

Acrolein

Concen: 275.847 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

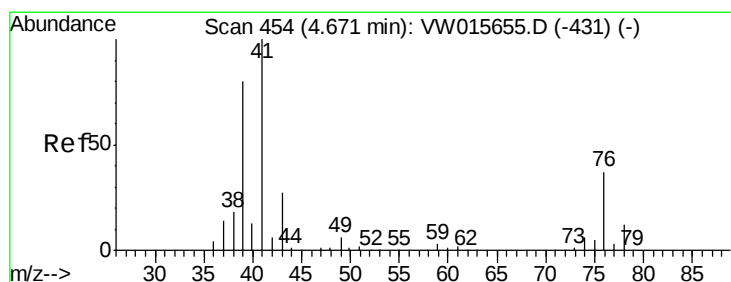
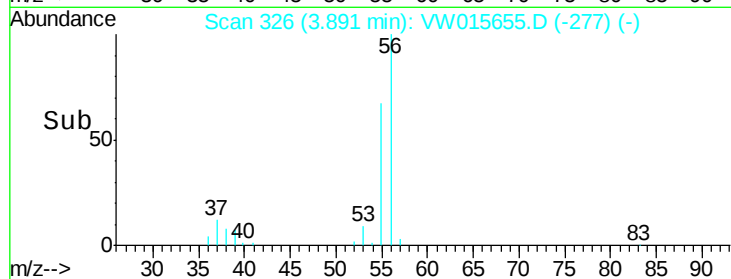
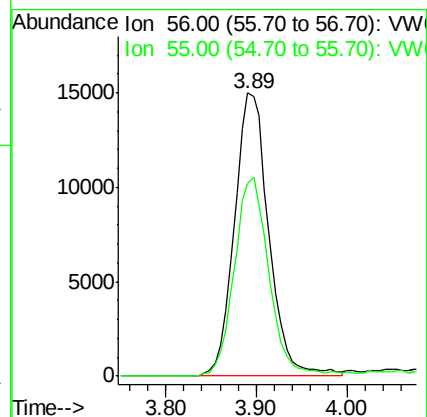
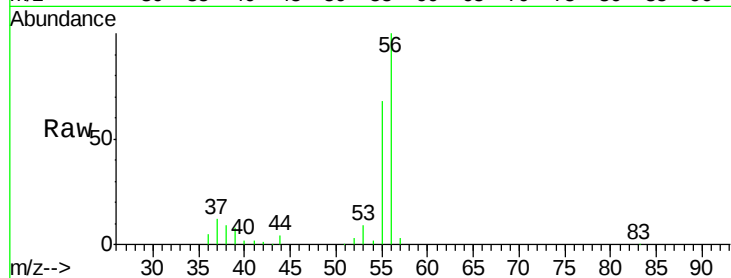
VSTDICCC050

Tgt Ion: 56 Resp: 39496

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.2



#14

Allyl chloride

Concen: 49.777 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

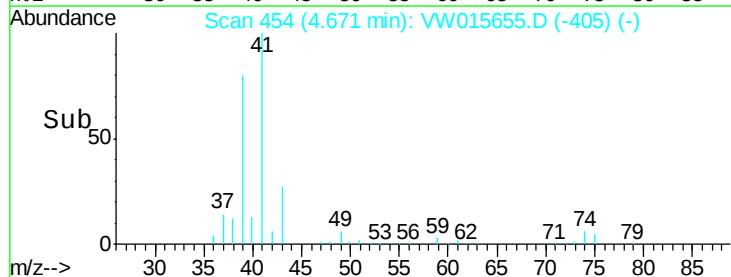
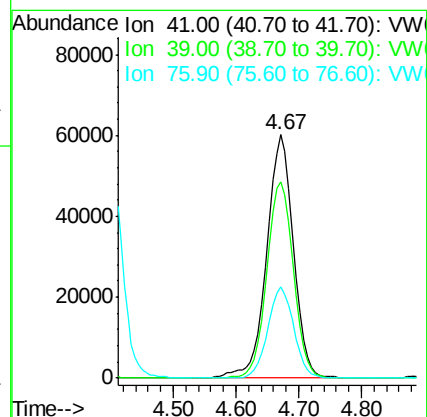
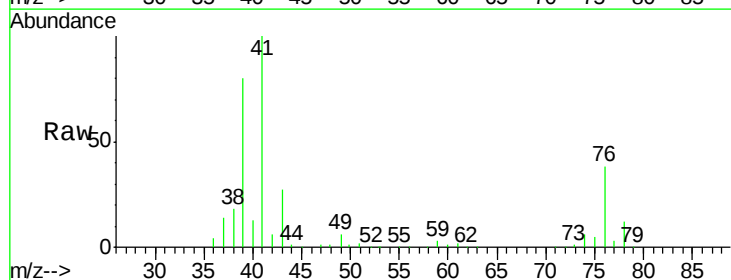
Tgt Ion: 41 Resp: 177260

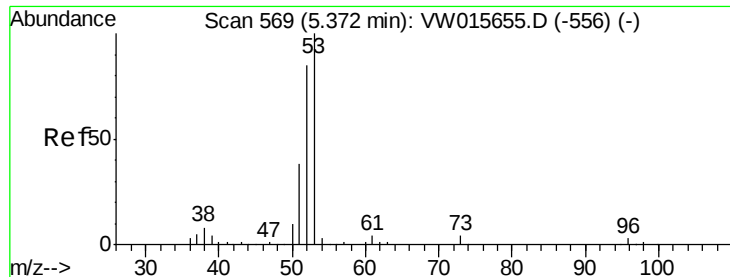
Ion Ratio Lower Upper

41 100

39 80.8 64.6 97.0

76 36.4 29.1 43.7





#15

Acrylonitrile

Concen: 257.222 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

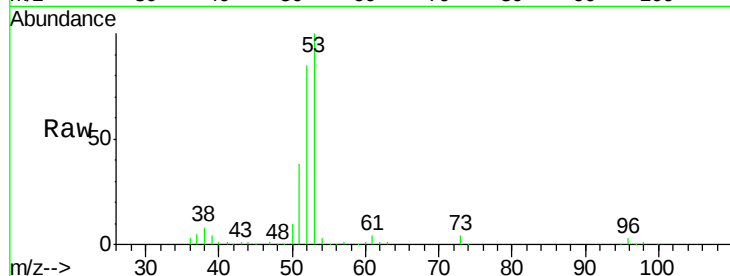
Tgt Ion: 53 Resp: 109592

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.6

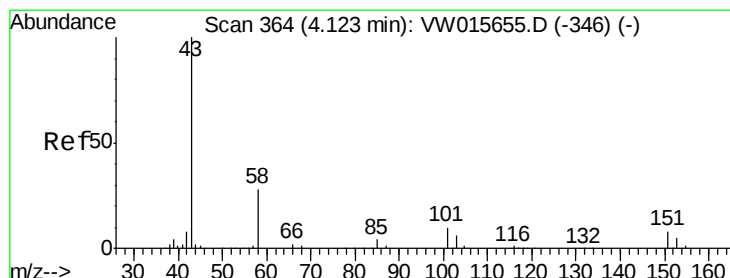
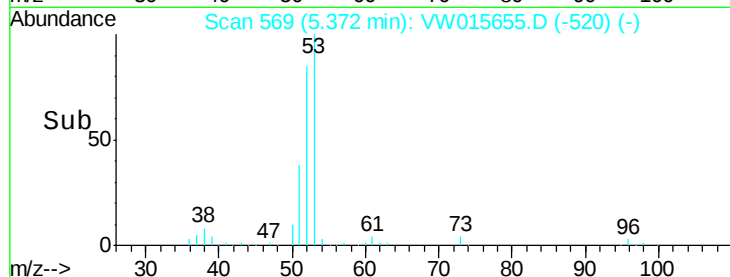
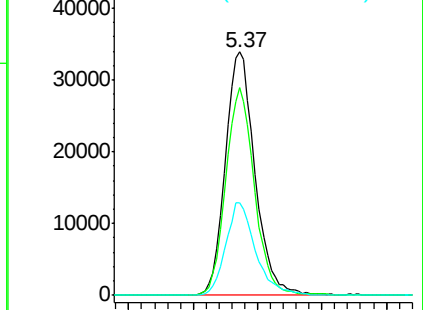
51 38.4 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 263.980 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015655.D

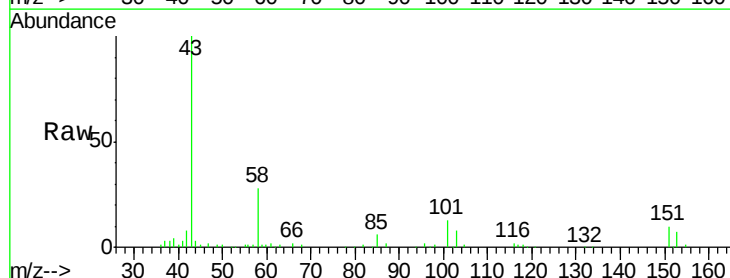
Acq: 23 Jun 2020 12:03

Tgt Ion: 43 Resp: 123029

Ion Ratio Lower Upper

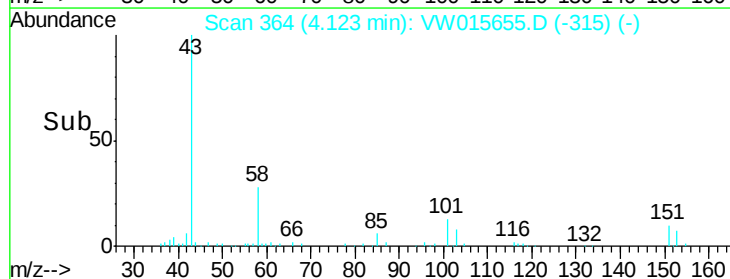
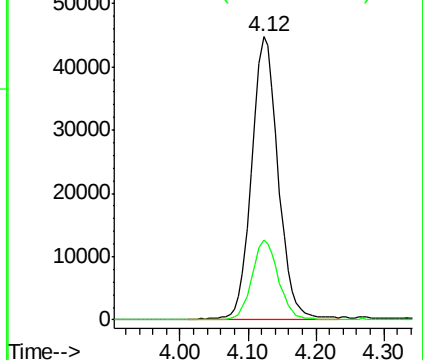
43 100

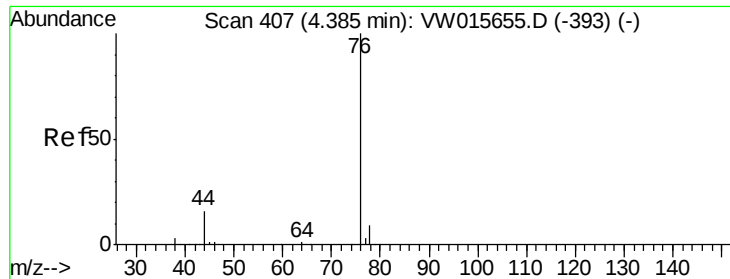
58 28.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

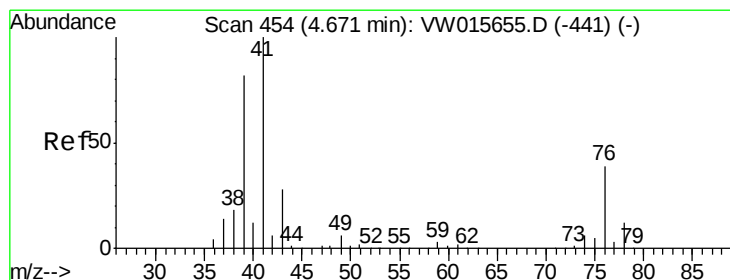
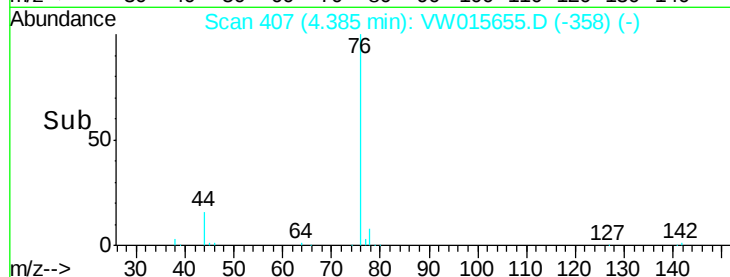
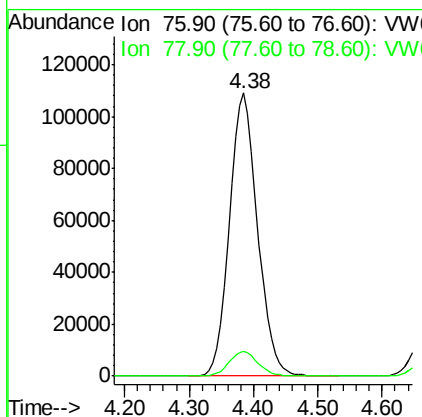
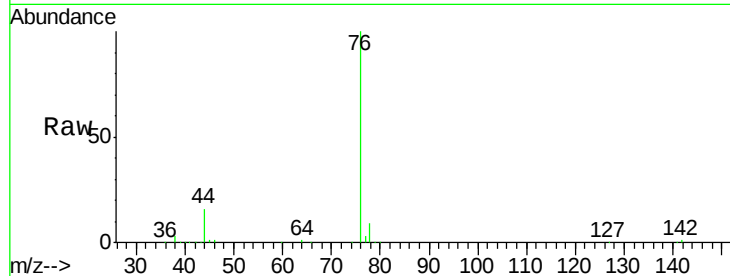




#17
Carbon Disulfide
Concen: 52.453 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

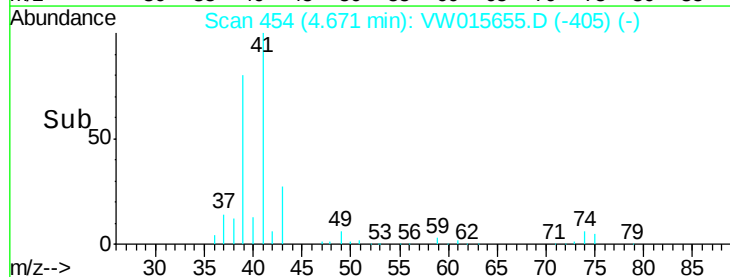
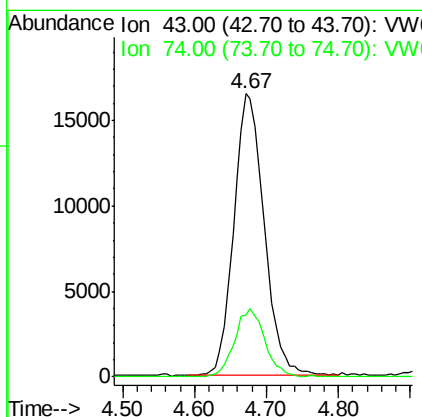
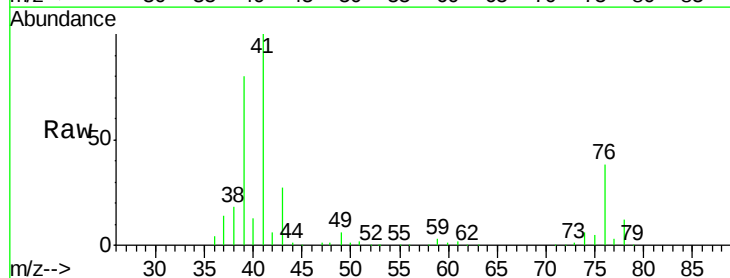
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

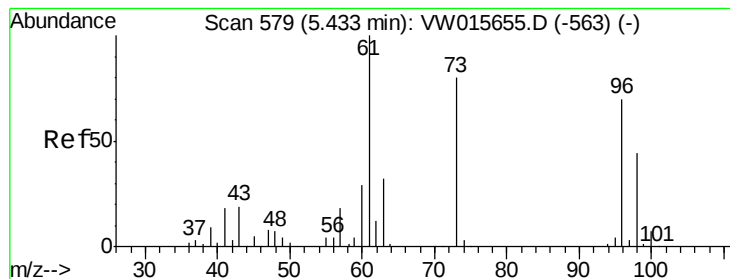
Tgt Ion: 76 Resp: 331907
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 47.730 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 43 Resp: 48249
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 50.632 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

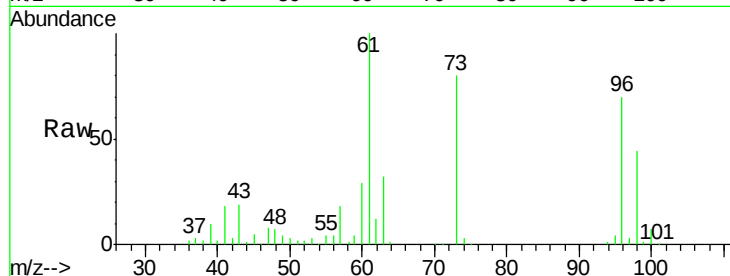
VSTDICCC050

Tgt Ion: 73 Resp: 162416

Ion Ratio Lower Upper

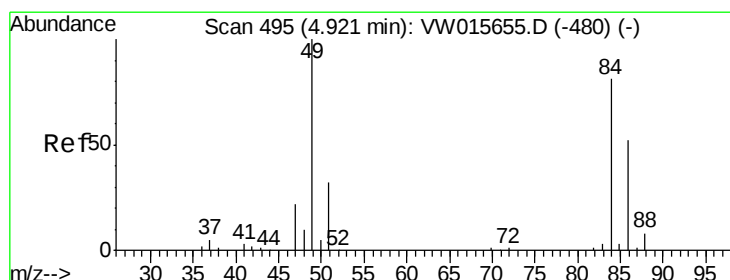
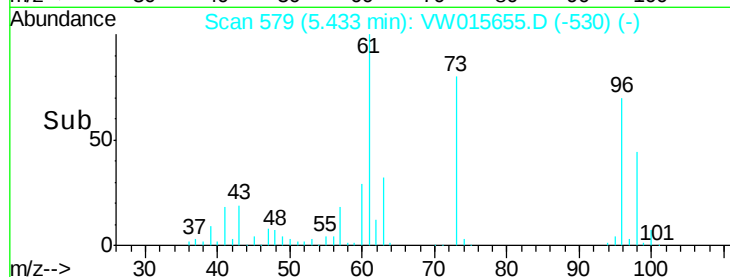
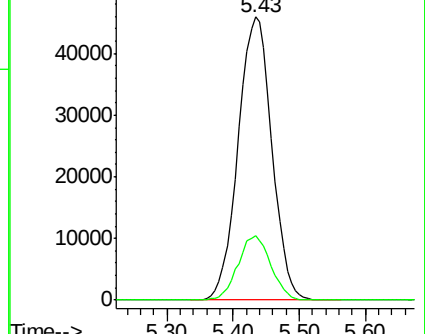
73 100

57 22.6 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 49.042 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion: 84 Resp: 118377

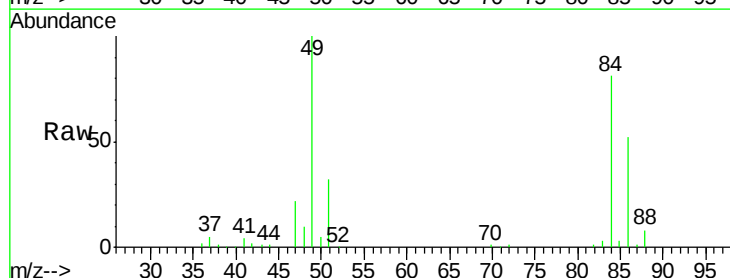
Ion Ratio Lower Upper

84 100

49 124.1 99.3 148.9

51 39.7 31.8 47.6

86 64.6 51.7 77.5

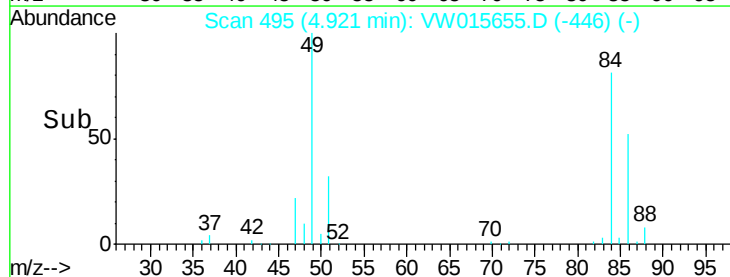
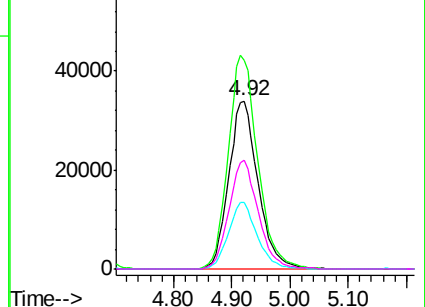


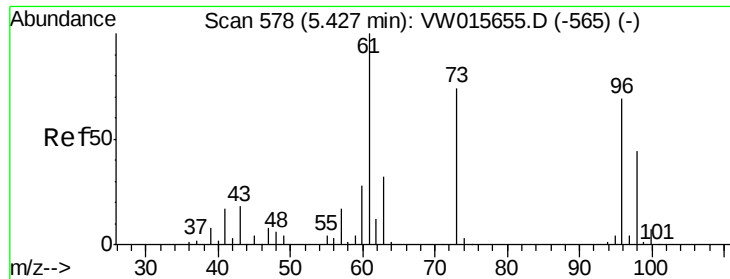
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 52.077 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

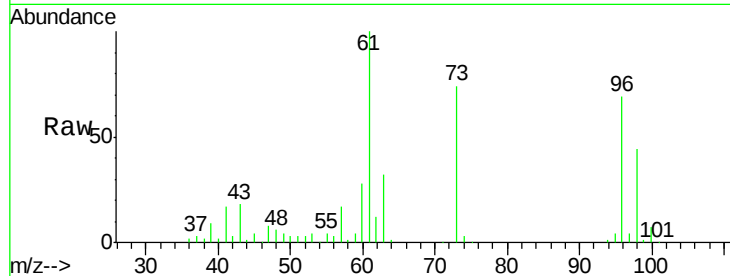
Tgt Ion: 96 Resp: 124327

Ion Ratio Lower Upper

96 100

61 145.2 116.2 174.2

98 64.2 51.4 77.0

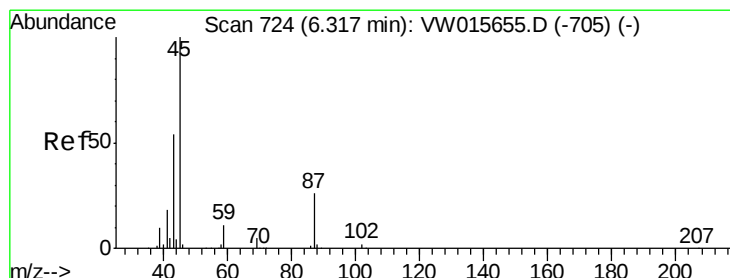
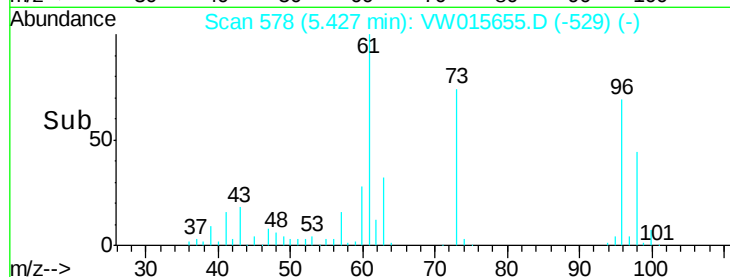
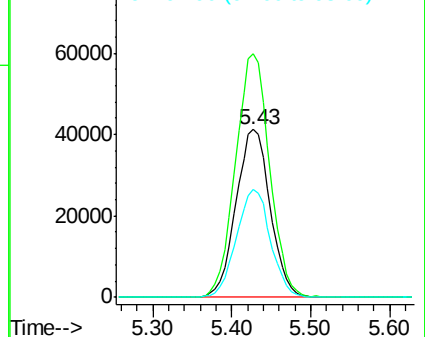


Abundance

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: 53.076 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion: 45 Resp: 358649

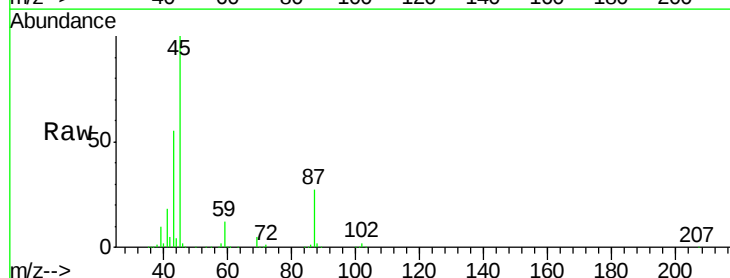
Ion Ratio Lower Upper

45 100

43 54.9 43.9 65.9

87 26.5 21.2 31.8

59 11.5 9.2 13.8



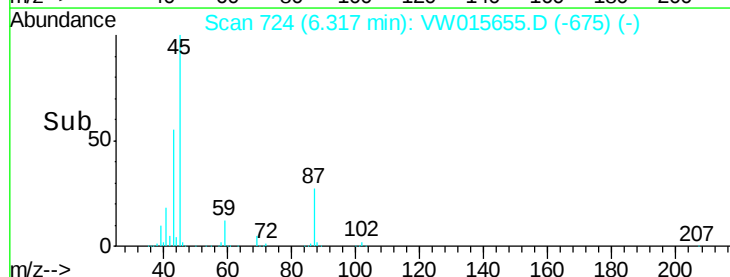
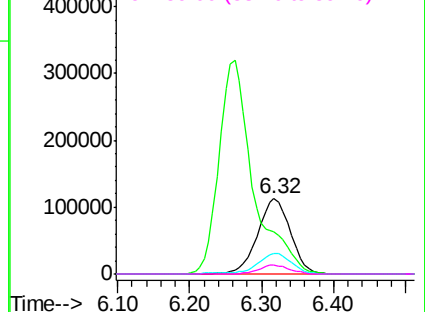
Abundance

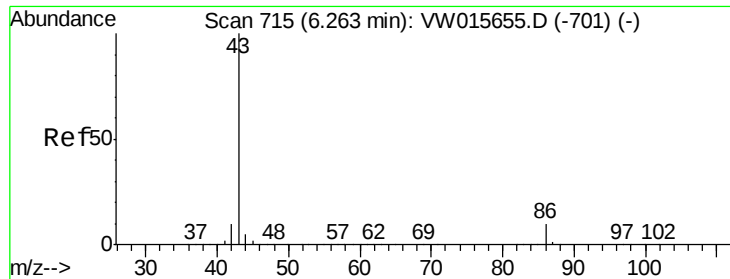
Ion 45.00 (44.70 to 45.70): VW

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: 267.859 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

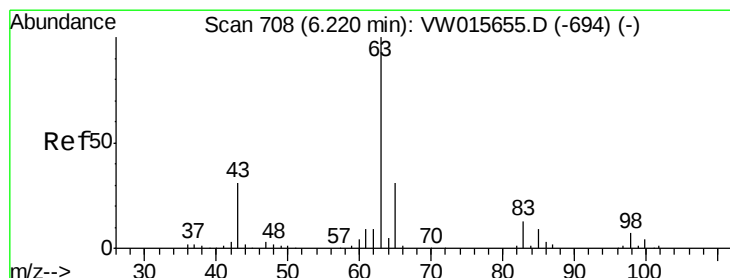
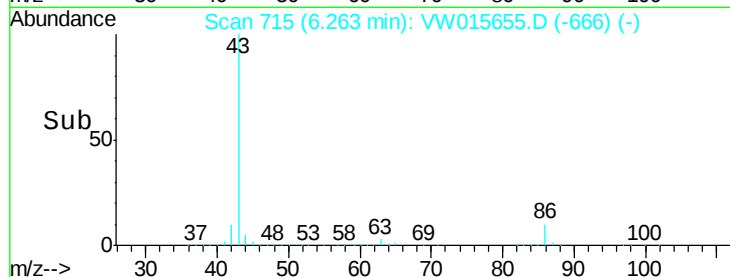
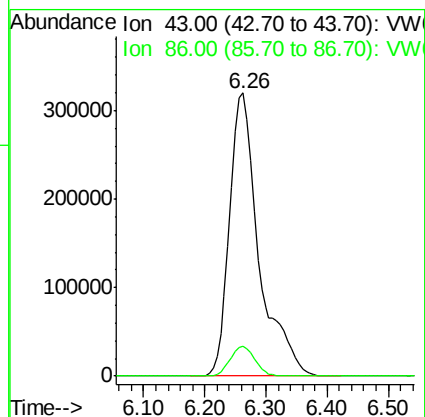
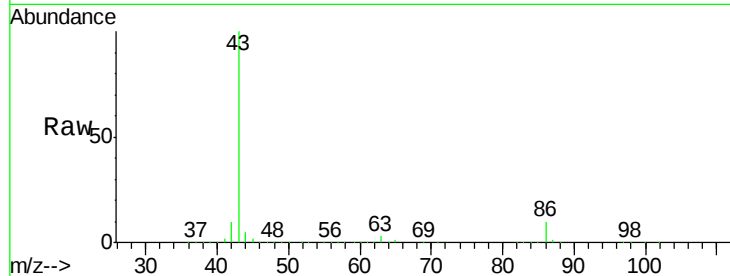
VSTDICCC050

Tgt Ion: 43 Resp: 1061669

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



#24

1,1-Dichloroethane

Concen: 51.329 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

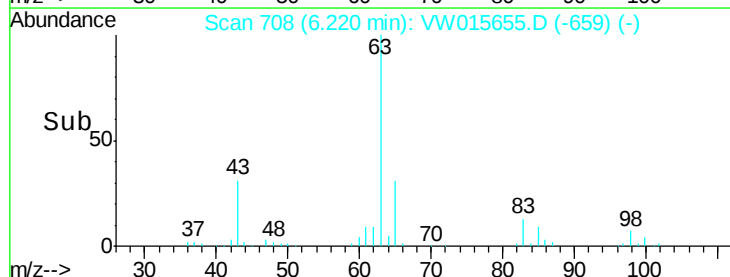
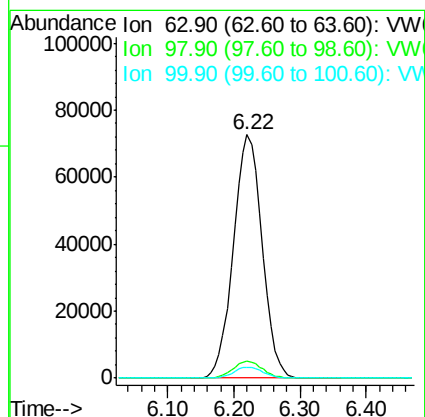
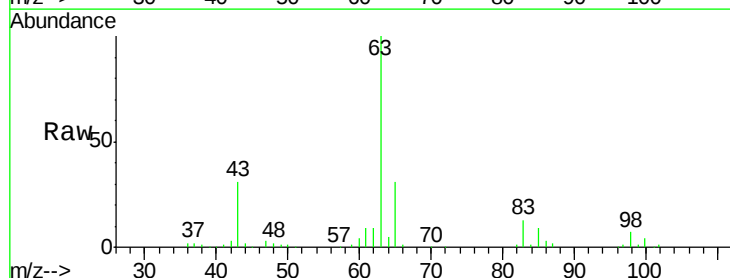
Tgt Ion: 63 Resp: 218706

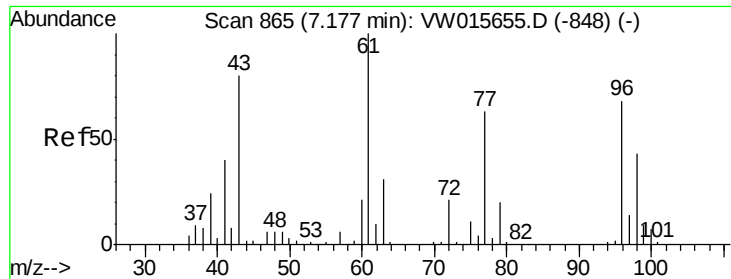
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 261.173 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

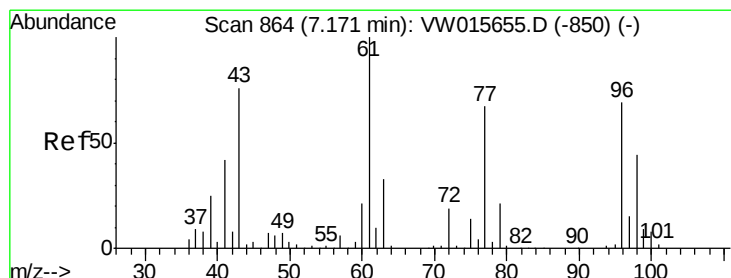
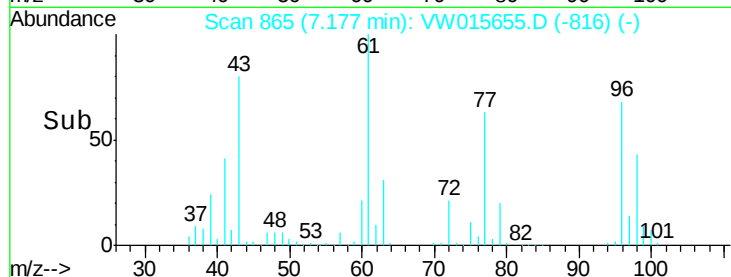
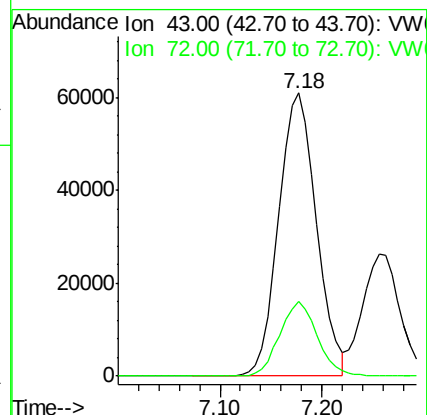
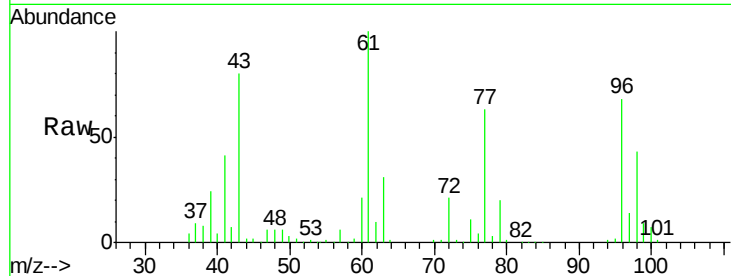
VSTDICCC050

Tgt Ion: 43 Resp: 156599

Ion Ratio Lower Upper

43 100

72 26.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 48.384 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015655.D

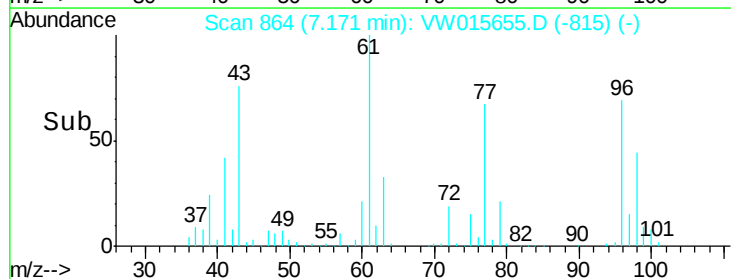
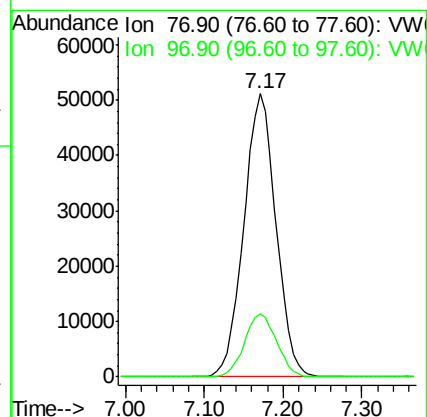
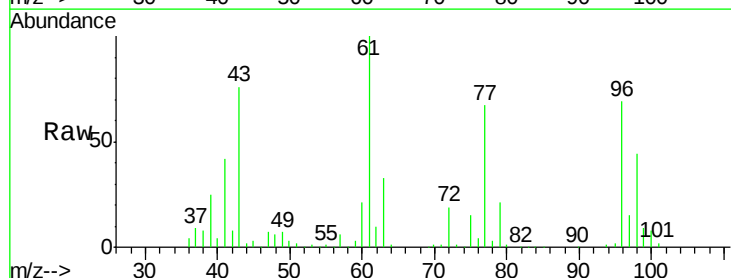
Acq: 23 Jun 2020 12:03

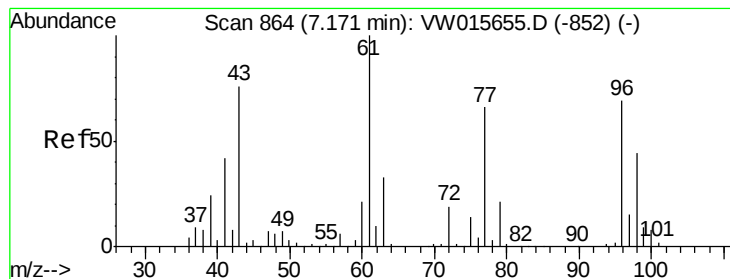
Tgt Ion: 77 Resp: 144659

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



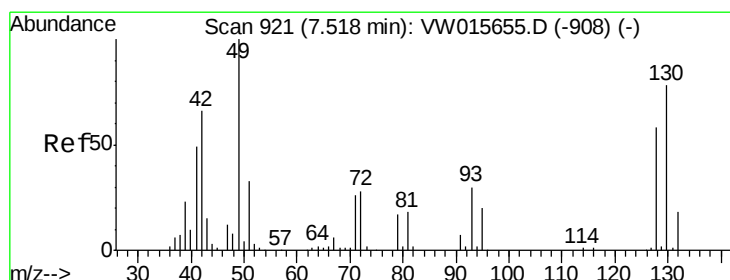
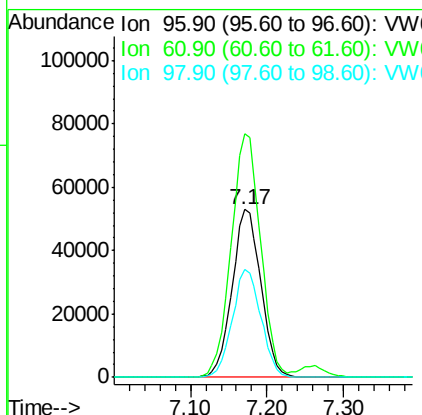
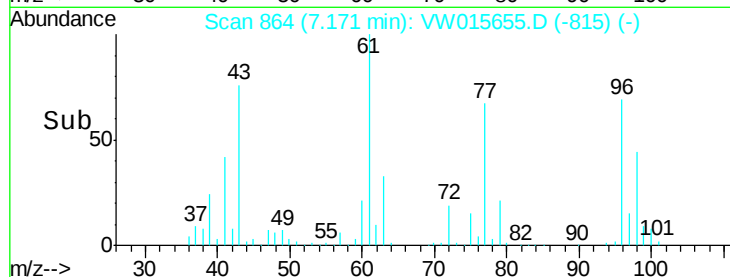
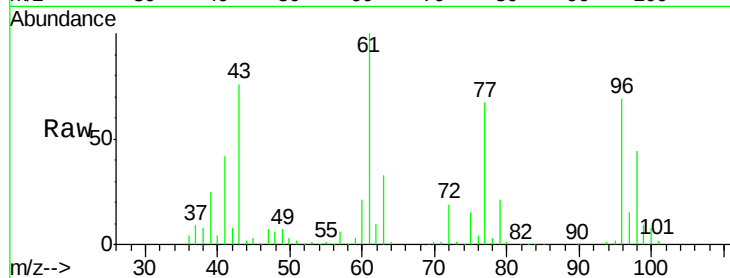


#27

cis-1,2-Dichloroethene
Concen: 52.893 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

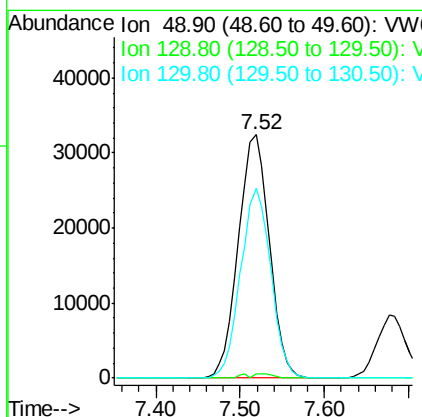
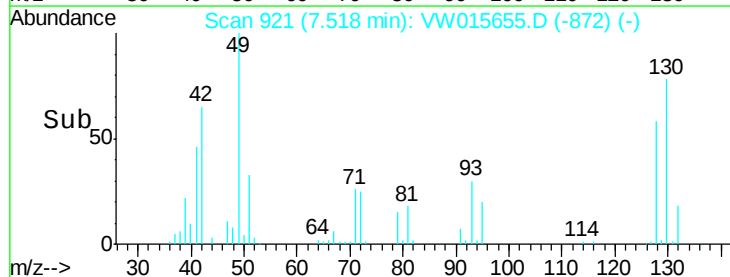
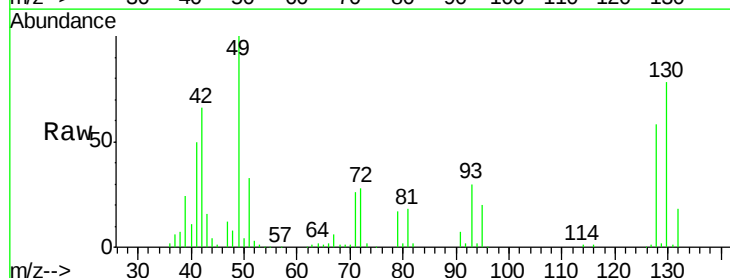
Tgt Ion: 96 Resp: 137321
Ion Ratio Lower Upper
96 100
61 148.4 0.0 296.8
98 64.0 0.0 128.0



#28

Bromochloromethane
Concen: 50.444 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 49 Resp: 80575
Ion Ratio Lower Upper
49 100
129 1.1 0.0 2.2
130 76.2 61.0 91.4





#29

Tetrahydrofuran

Concen: 258.854 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

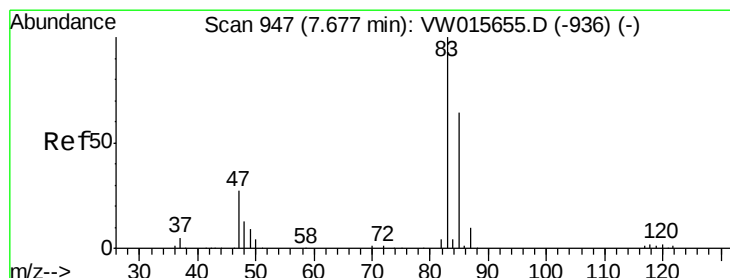
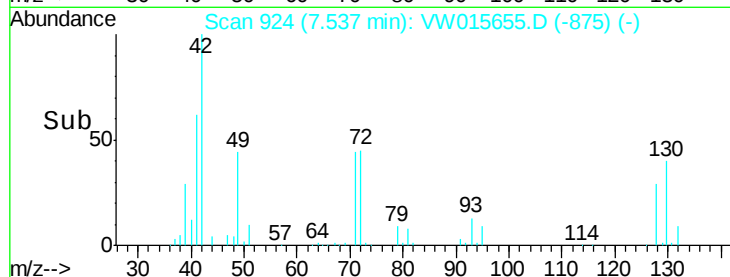
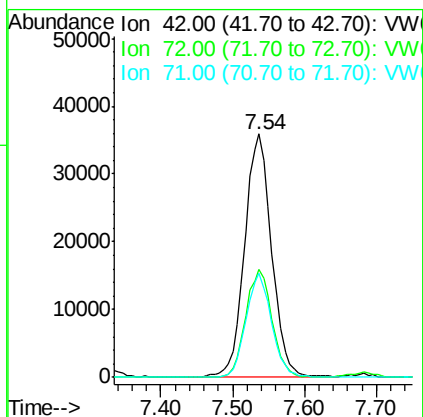
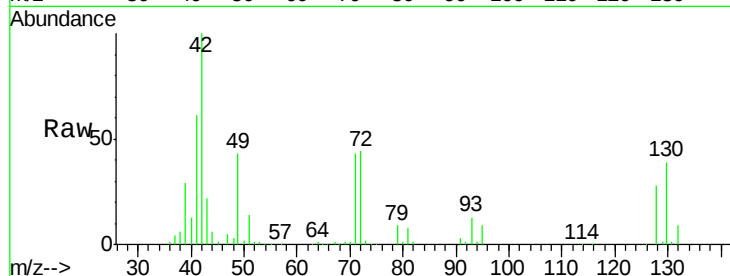
Tgt Ion: 42 Resp: 92612

Ion Ratio Lower Upper

42 100

72 43.8 35.0 52.6

71 40.8 32.6 49.0



#30

Chloroform

Concen: 52.819 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015655.D

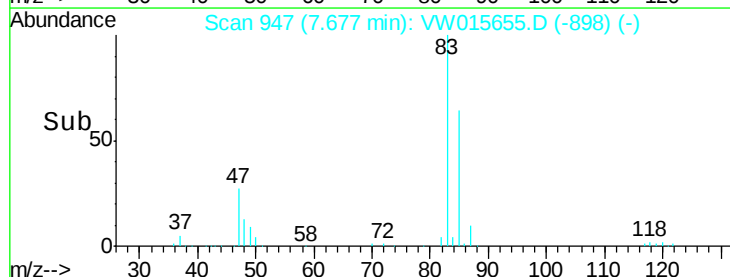
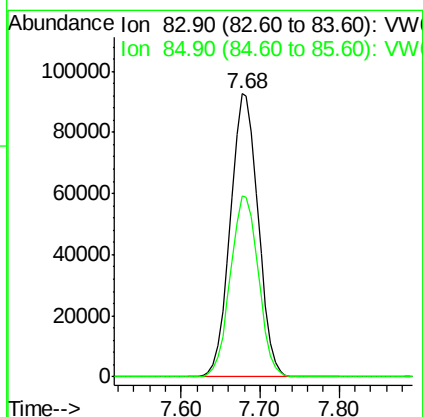
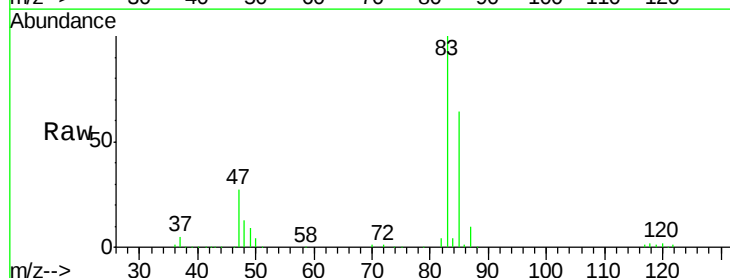
Acq: 23 Jun 2020 12:03

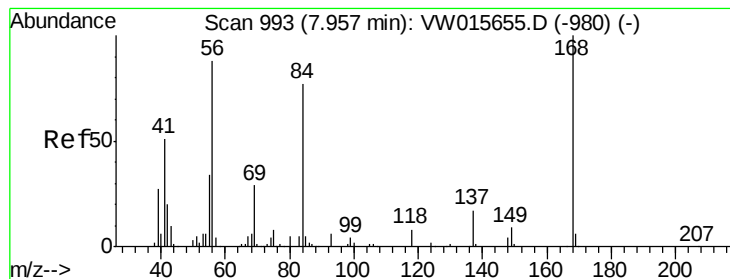
Tgt Ion: 83 Resp: 227185

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.4





#31

Cyclohexane

Concen: 50.507 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

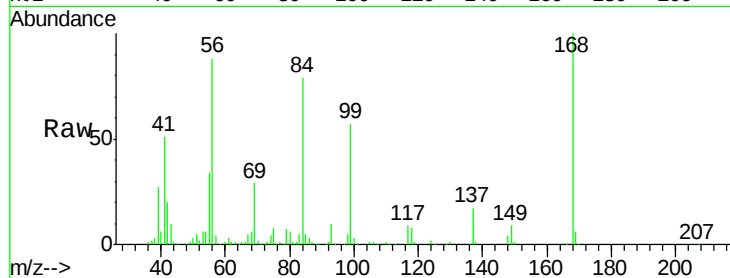
Tgt Ion: 56 Resp: 212317

Ion Ratio Lower Upper

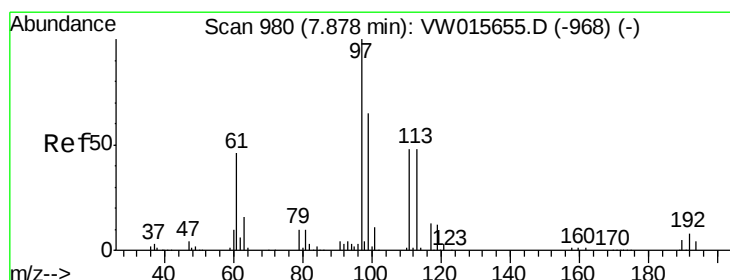
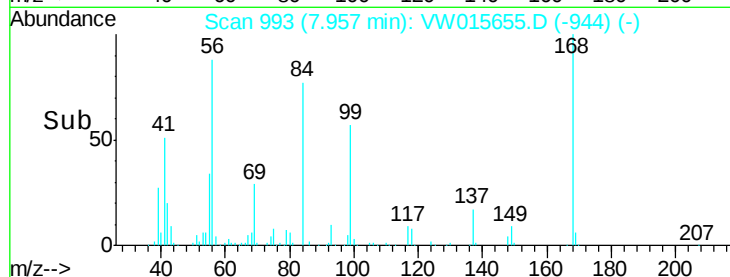
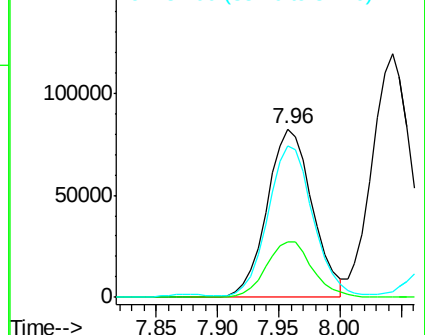
56 100

69 32.8 26.2 39.4

84 88.0 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 53.138 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

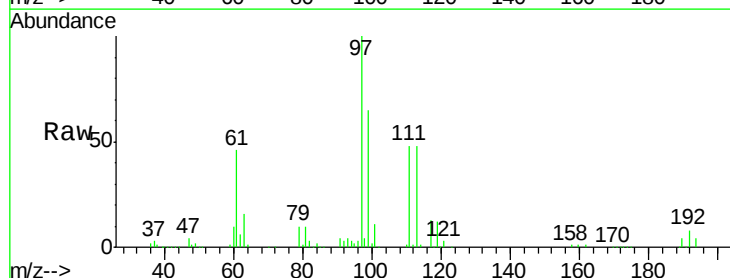
Tgt Ion: 97 Resp: 198168

Ion Ratio Lower Upper

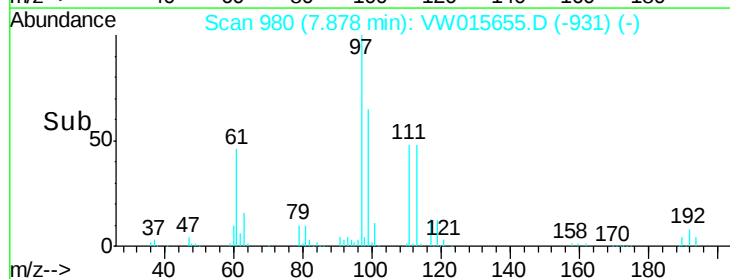
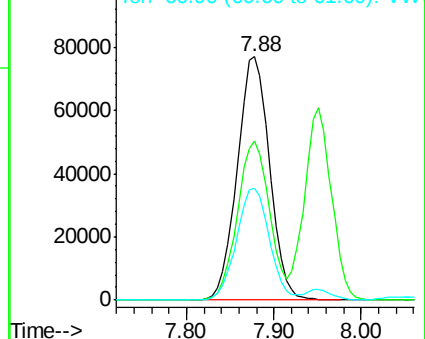
97 100

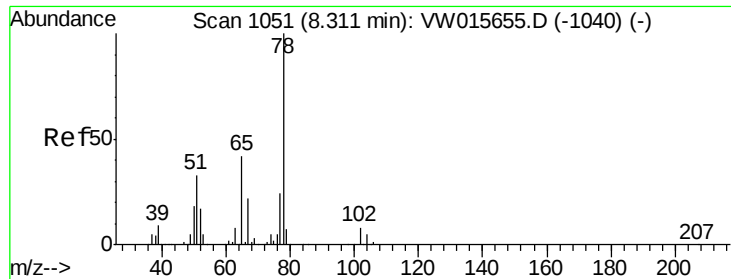
99 64.9 51.9 77.9

61 46.6 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

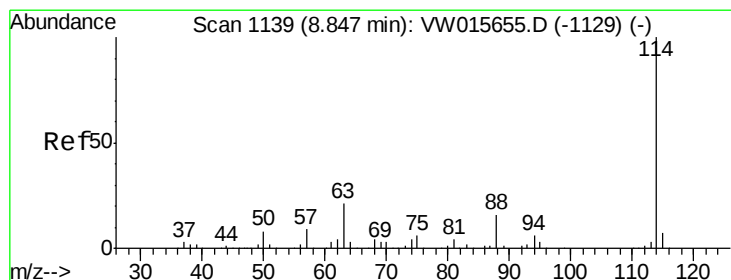
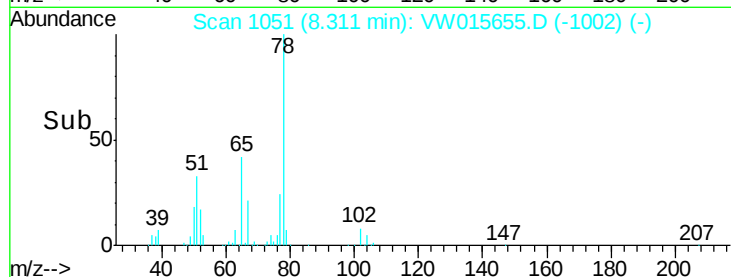
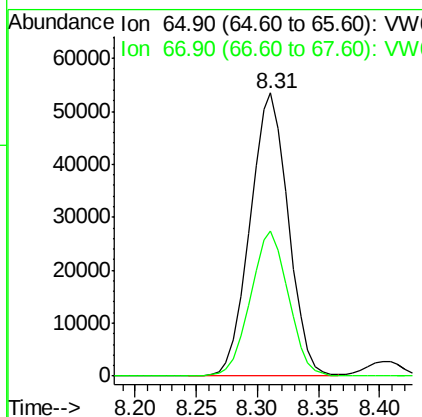
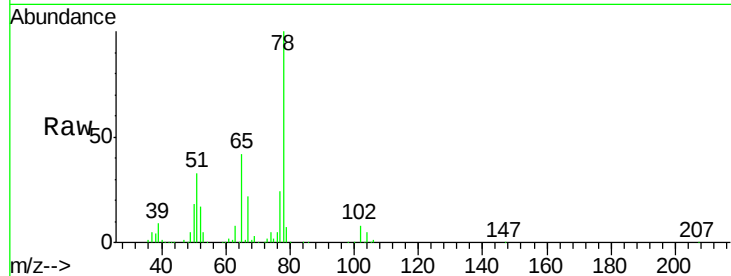




#33
 1,2-Dichloroethane-d4
 Concen: 50.342 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

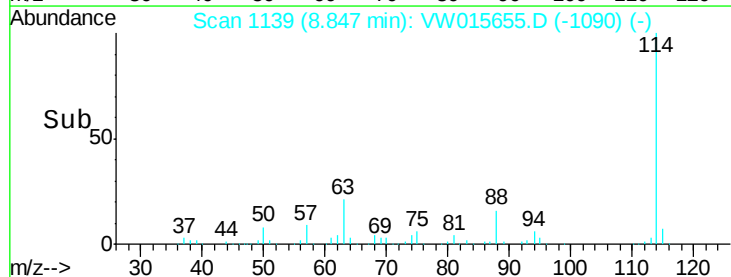
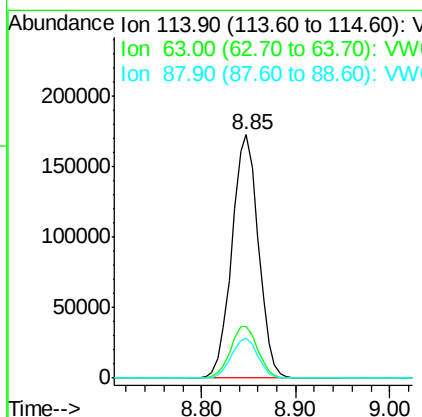
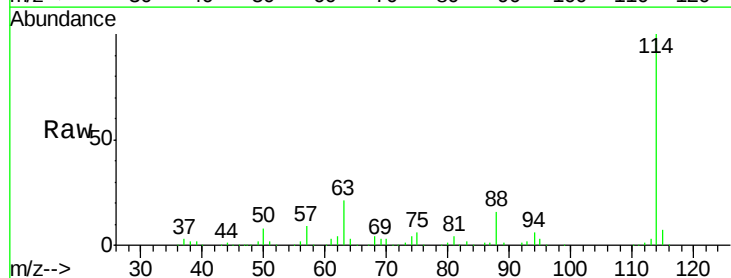
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

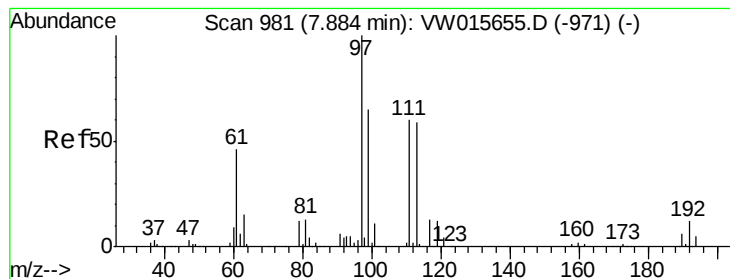
Tgt Ion: 65 Resp: 115963
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 114 Resp: 337679
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.567 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

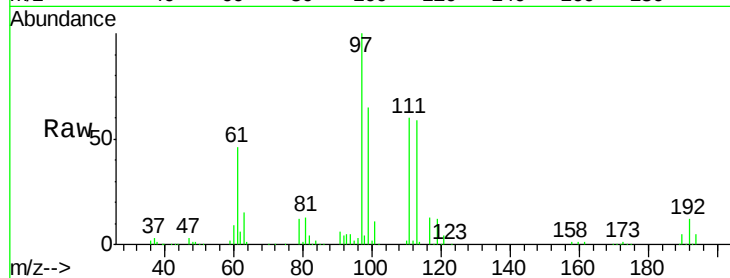
Tgt Ion:113 Resp: 103190

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

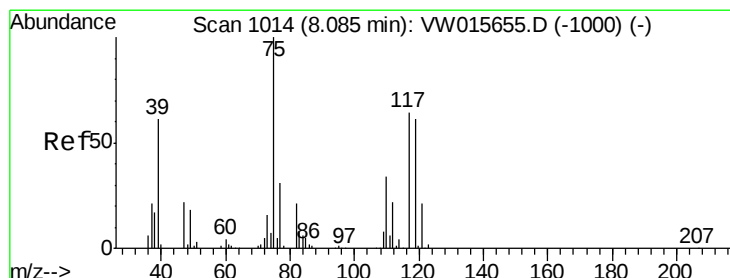
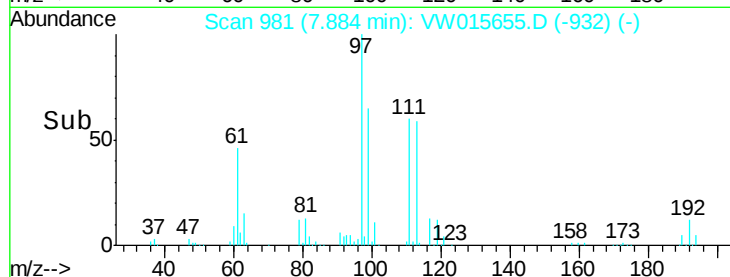
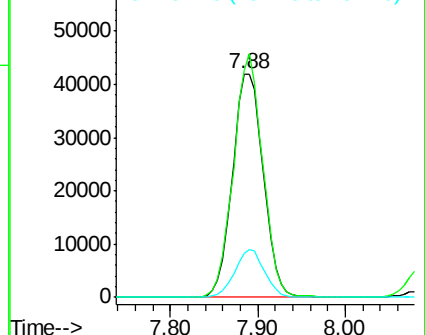
192 20.5 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.747 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

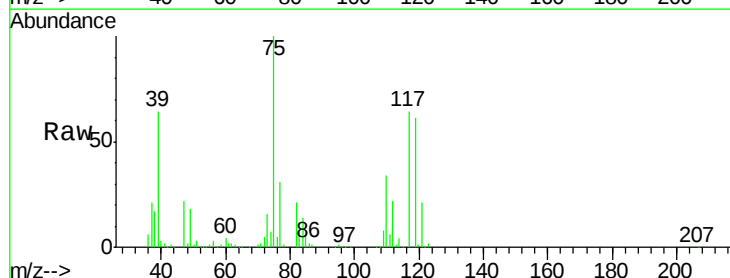
Tgt Ion: 75 Resp: 189274

Ion Ratio Lower Upper

75 100

110 34.0 17.0 51.0

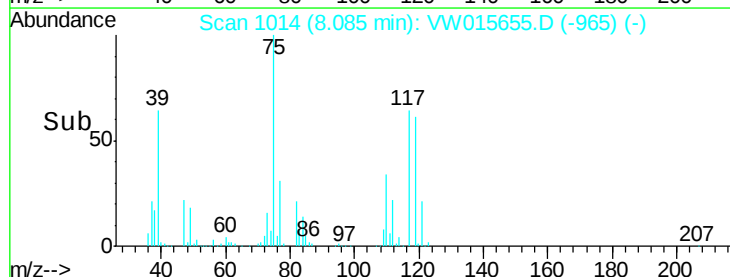
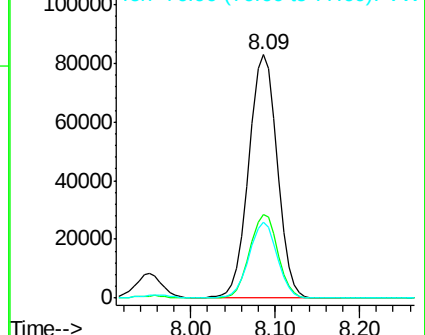
77 30.7 24.6 36.8

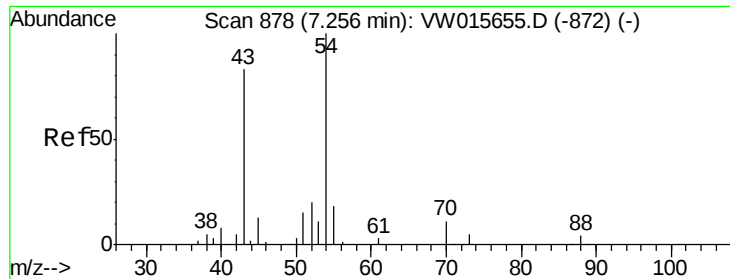


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

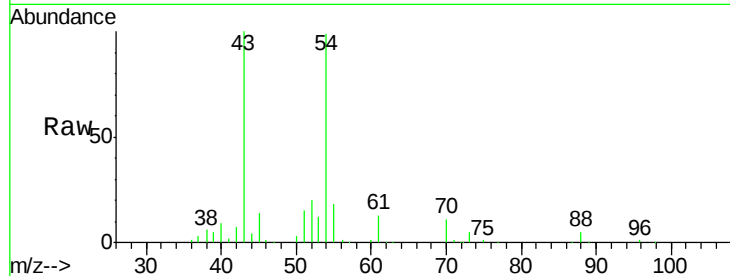




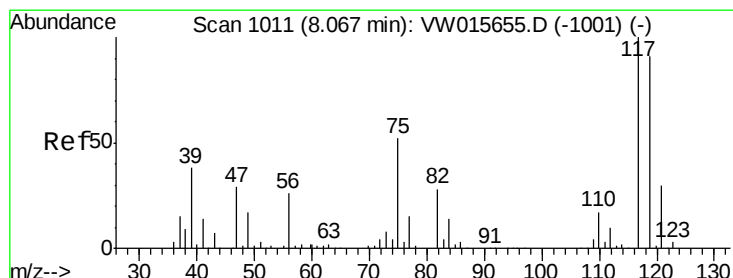
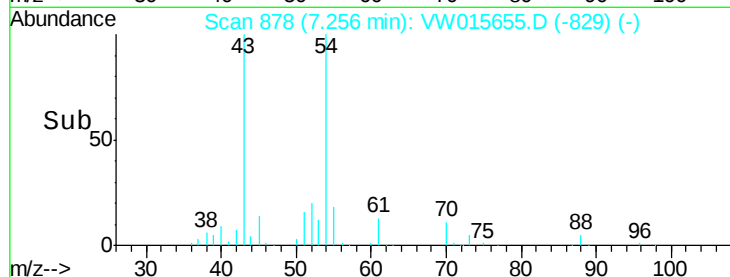
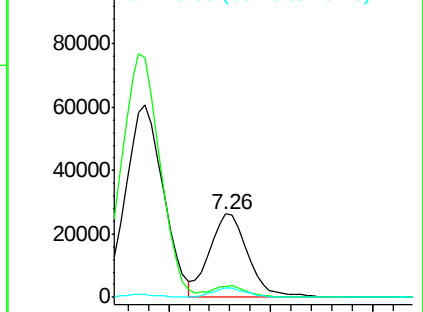
#37
Ethyl Acetate
Concen: 52.388 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 68252
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 10.5 8.4 12.6

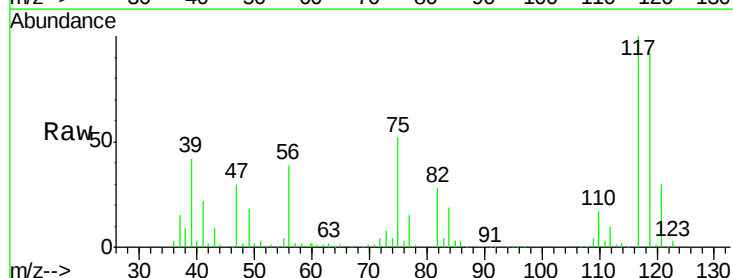


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

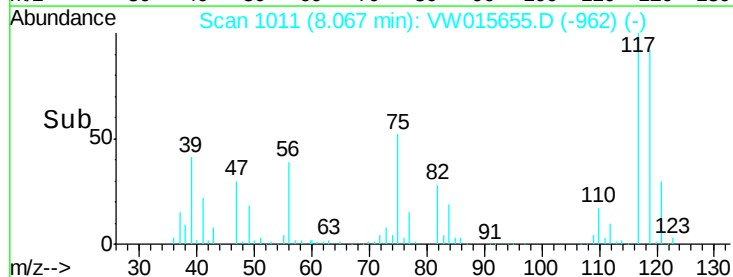
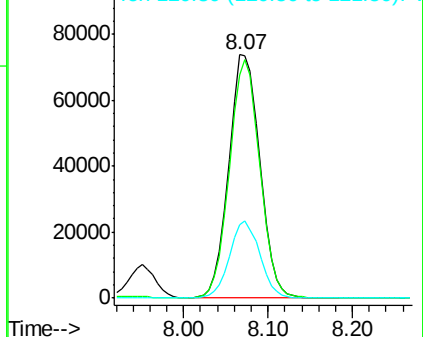


#38
Carbon Tetrachloride
Concen: 54.859 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 117 Resp: 184731
Ion Ratio Lower Upper
117 100
119 91.5 73.2 109.8
121 29.9 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

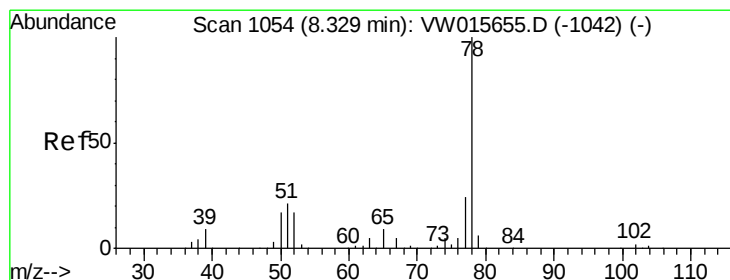
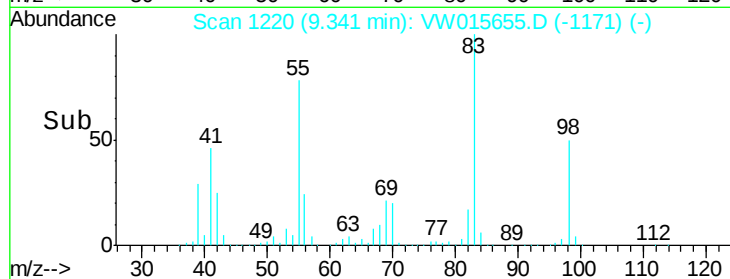
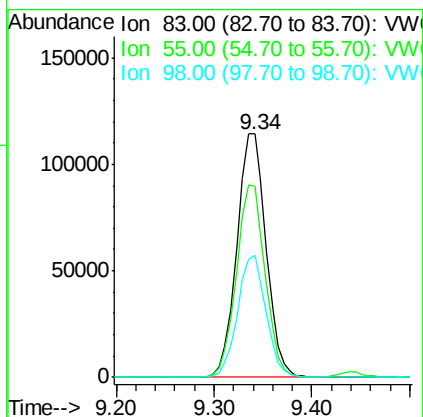
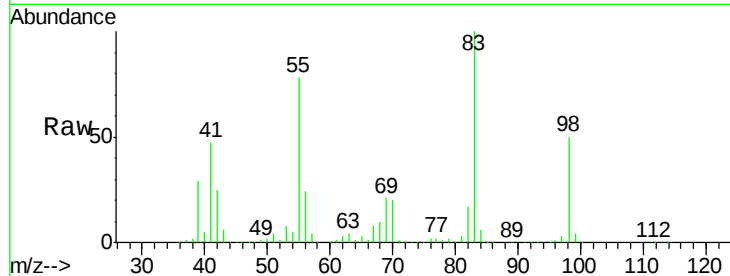




#39
Methylcyclohexane
Concen: 55.533 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

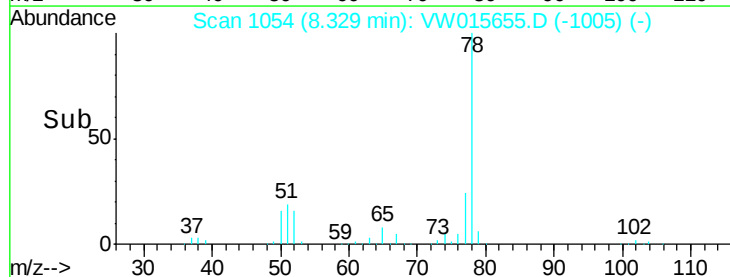
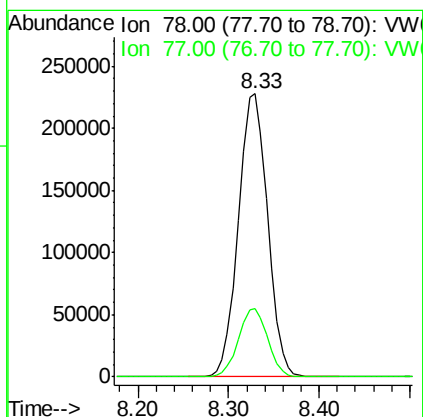
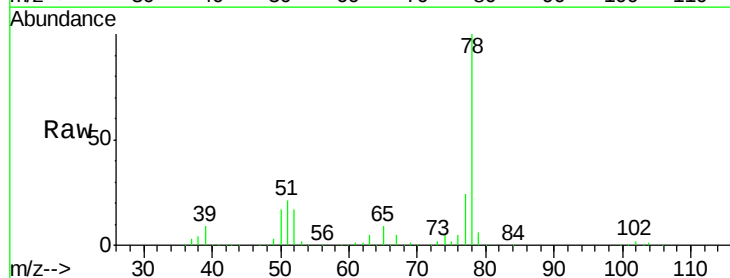
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

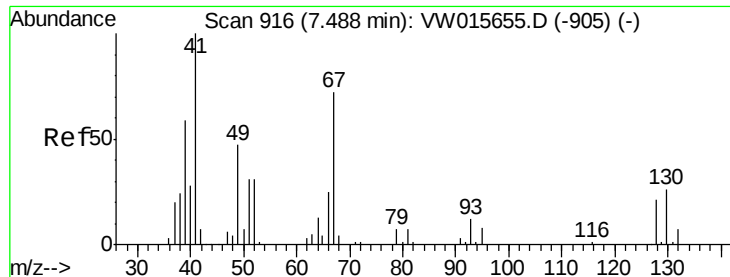
Tgt Ion: 83 Resp: 236625
Ion Ratio Lower Upper
83 100
55 78.5 62.8 94.2
98 49.9 39.9 59.9



#40
Benzene
Concen: 54.708 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 78 Resp: 508620
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 52.887 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 39013

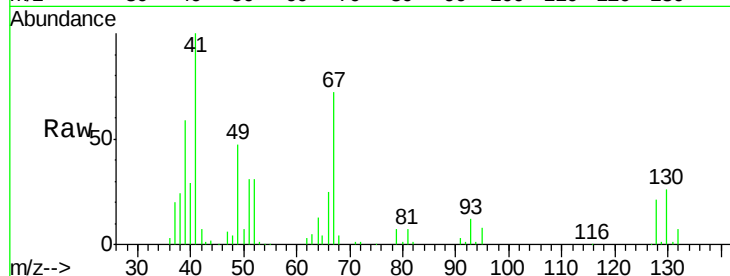
Ion Ratio Lower Upper

41 100

39 65.0 52.0 78.0

67 71.9 57.5 86.3

52 33.1 26.5 39.7

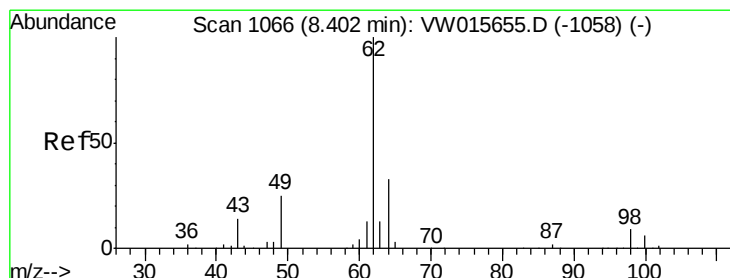
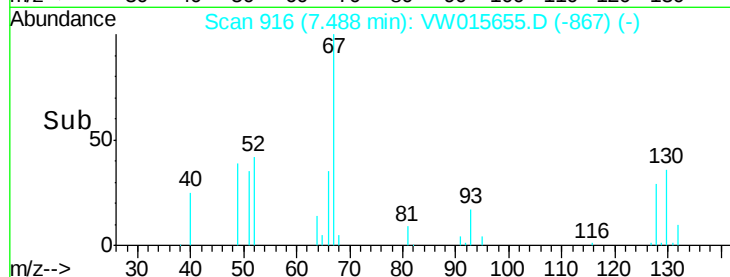
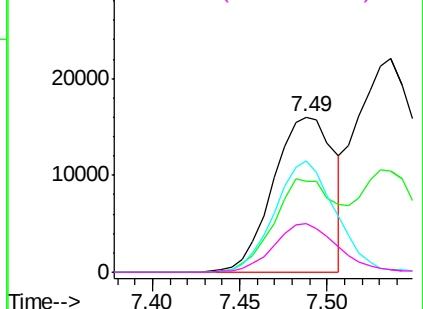


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 55.149 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW015655.D

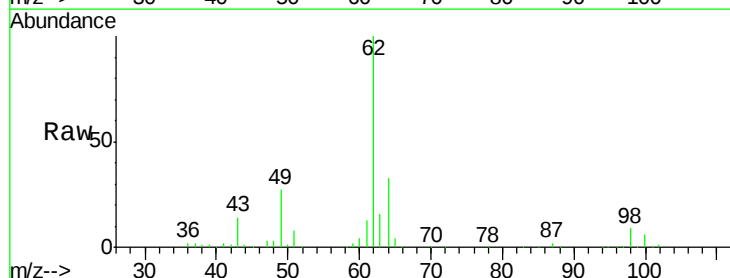
Acq: 23 Jun 2020 12:03

Tgt Ion: 62 Resp: 155658

Ion Ratio Lower Upper

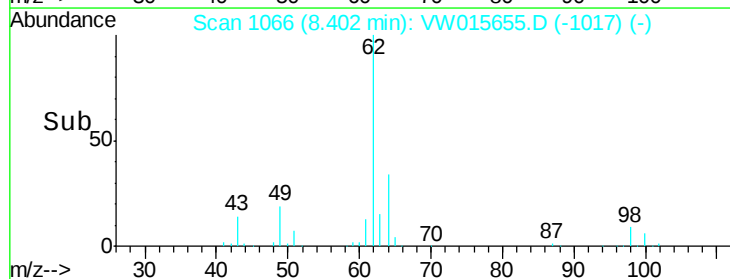
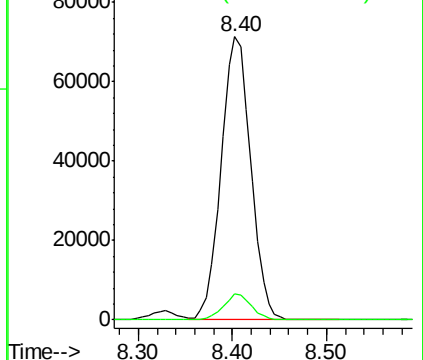
62 100

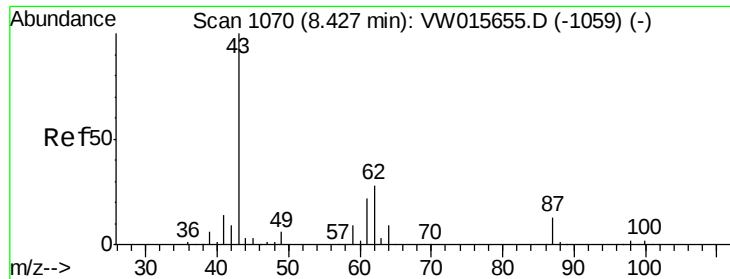
98 8.7 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

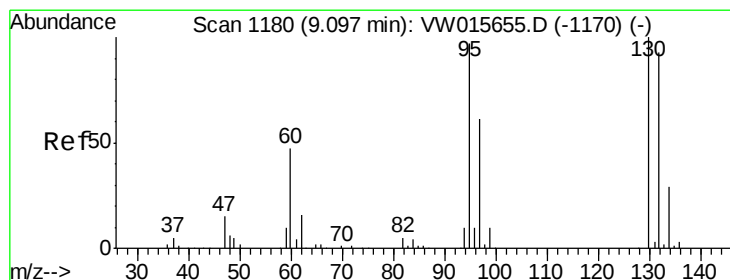
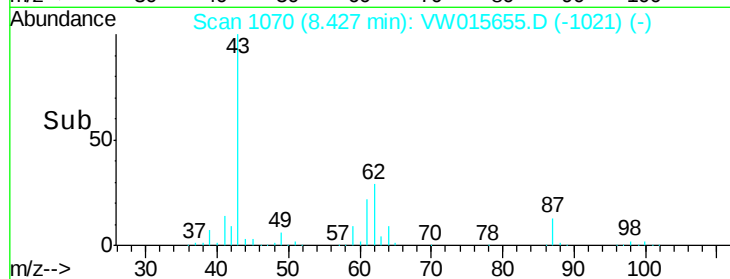
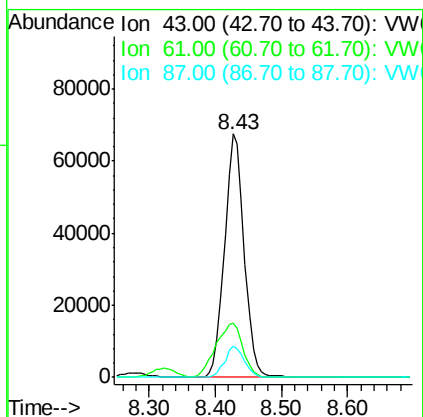
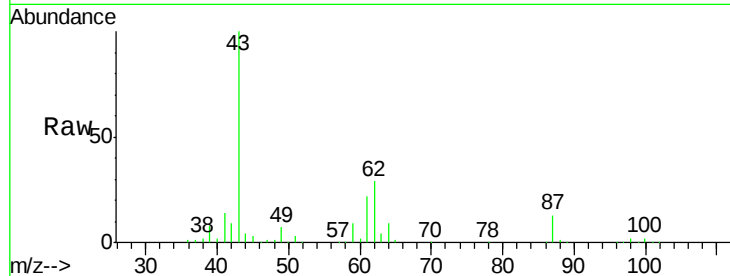




#43
Isopropyl Acetate
Concen: 53.396 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

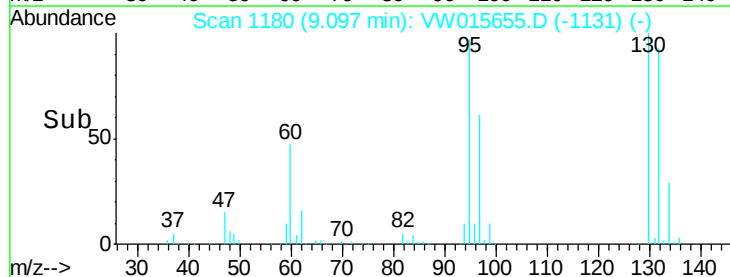
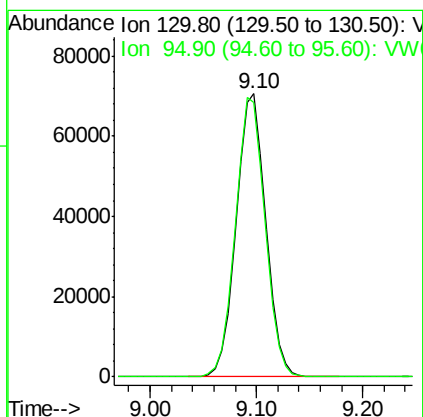
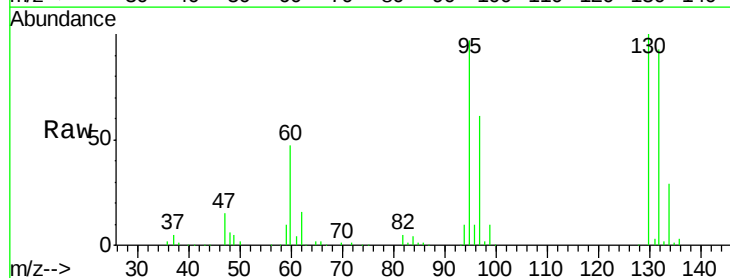
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

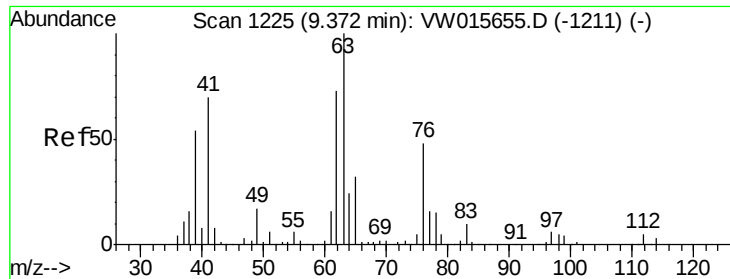
Tgt Ion: 43 Resp: 138030
Ion Ratio Lower Upper
43 100
61 30.9 24.7 37.1
87 12.7 10.2 15.2



#44
Trichloroethene
Concen: 55.194 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 130 Resp: 137433
Ion Ratio Lower Upper
130 100
95 97.2 0.0 194.4

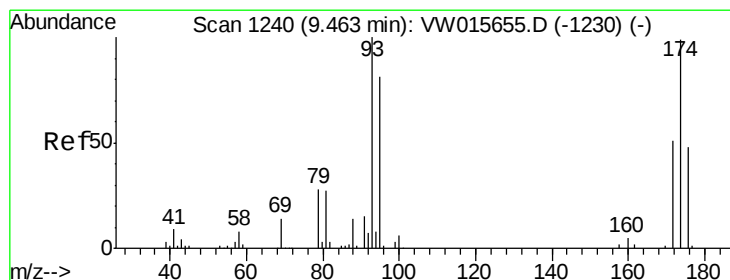
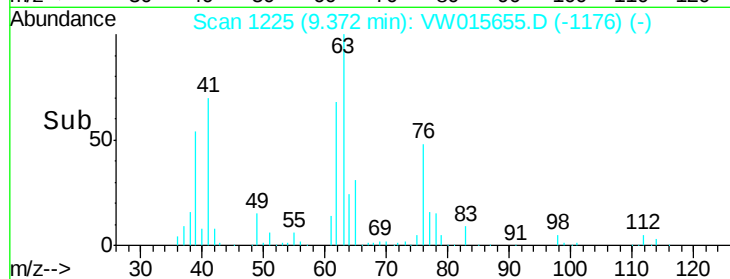
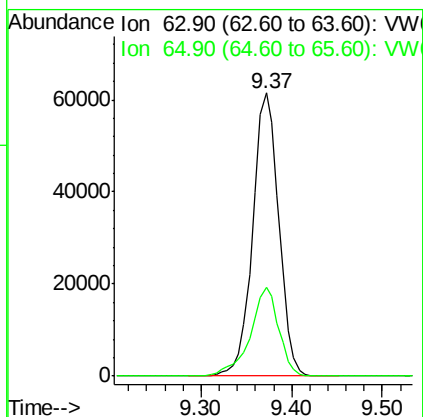
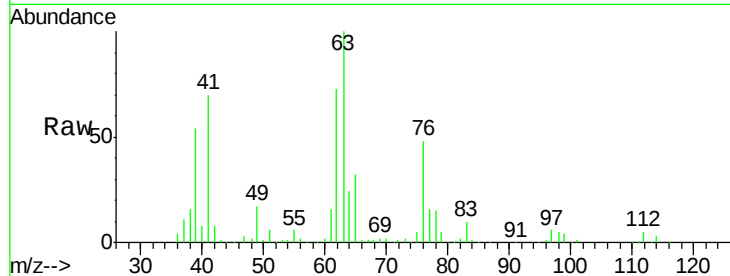




#45
 1,2-Dichloropropane
 Concen: 54.273 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

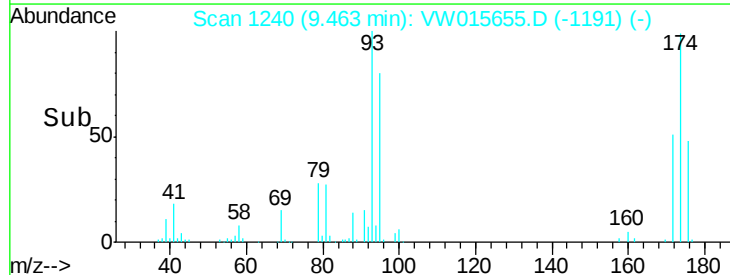
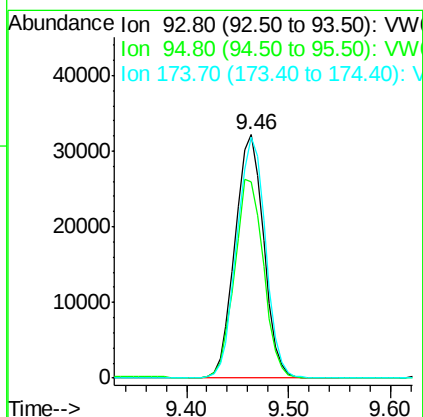
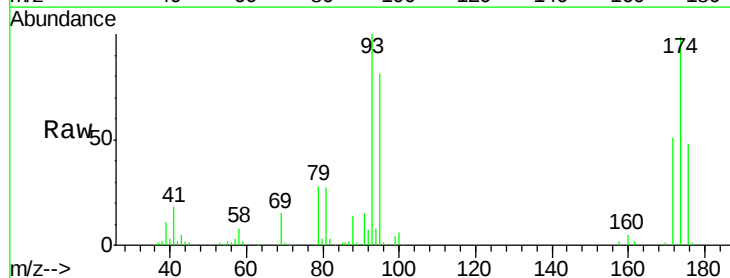
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

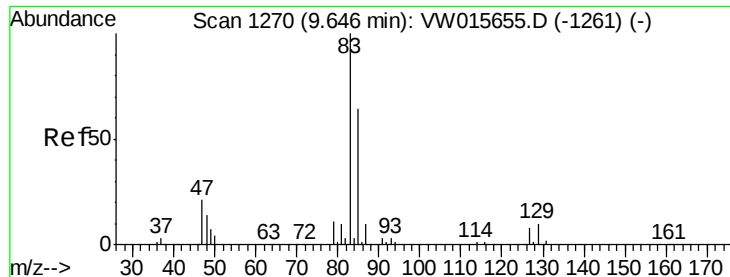
Tgt Ion: 63 Resp: 122515
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.3 37.9



#46
 Dibromomethane
 Concen: 54.871 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 93 Resp: 62826
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.7 98.5
 174 98.8 79.0 118.6





#47

Bromodichloromethane

Concen: 53.915 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

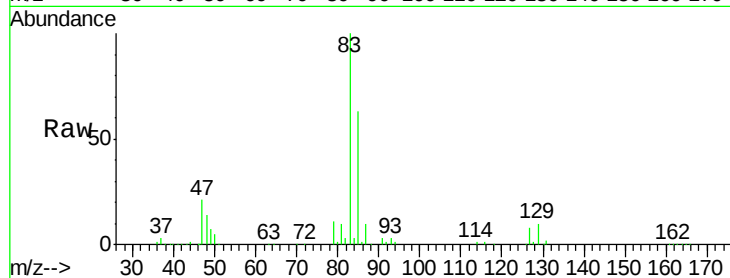
Tgt Ion: 83 Resp: 167384

Ion Ratio Lower Upper

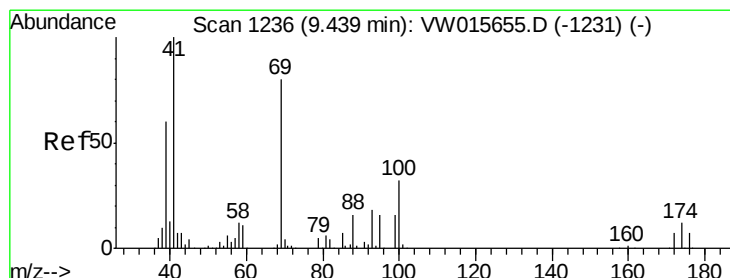
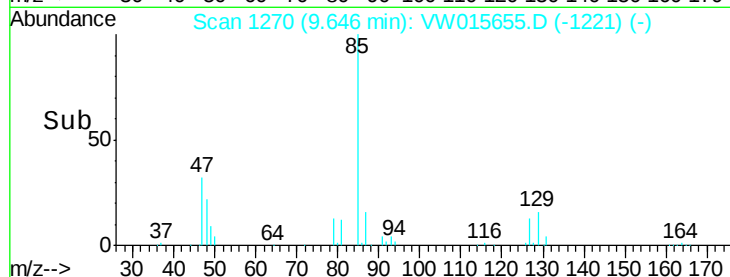
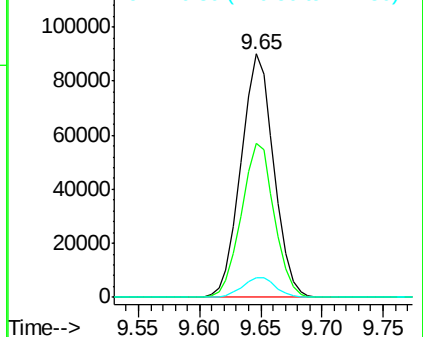
83 100

85 63.5 50.8 76.2

127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.978 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

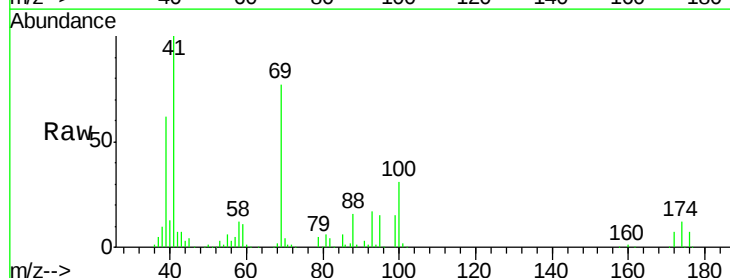
Tgt Ion: 41 Resp: 65141

Ion Ratio Lower Upper

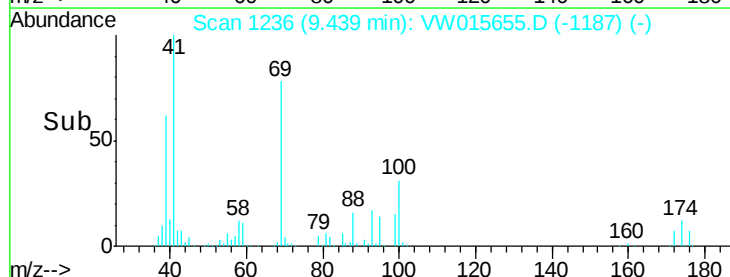
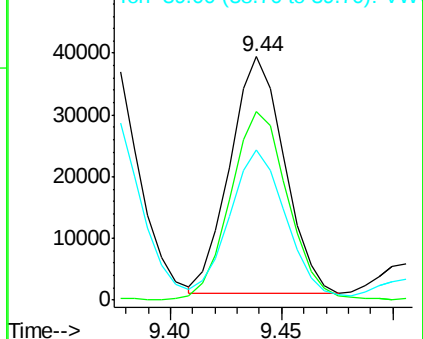
41 100

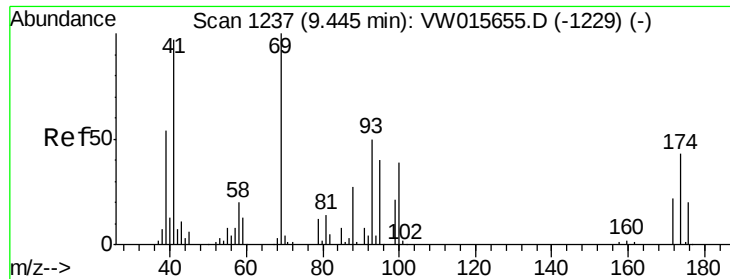
69 85.2 68.2 102.2

39 62.2 49.8 74.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

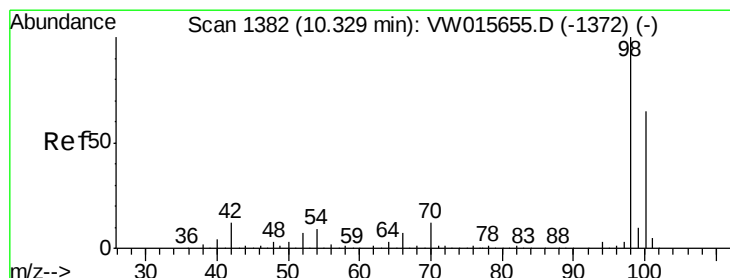
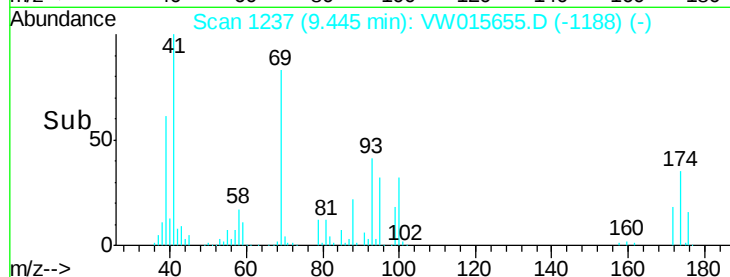
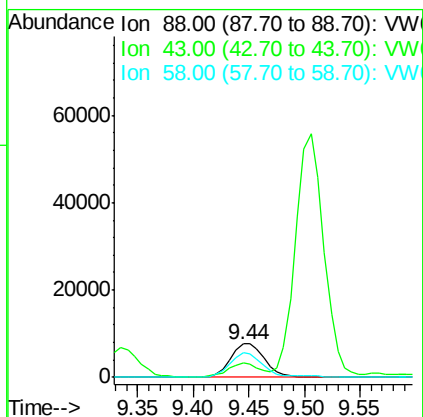
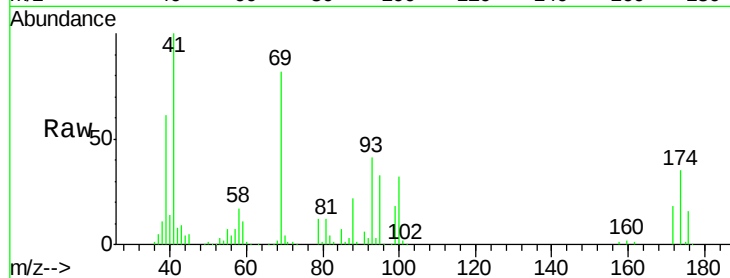




#49
1,4-Dioxane
Concen: 1081.056 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

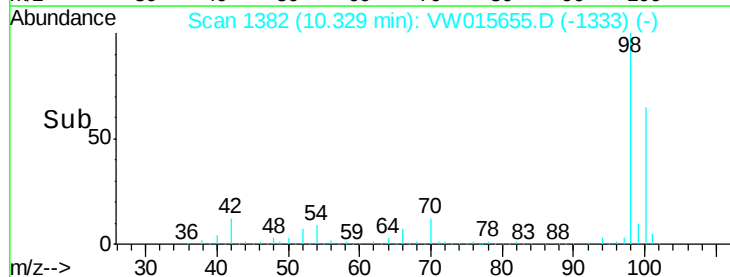
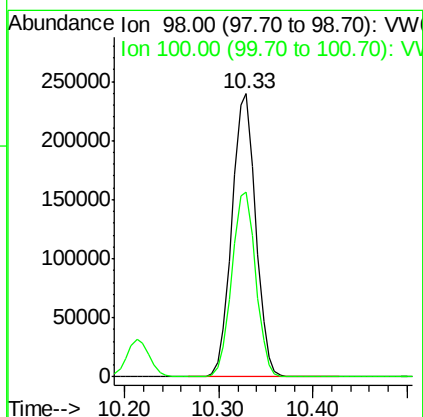
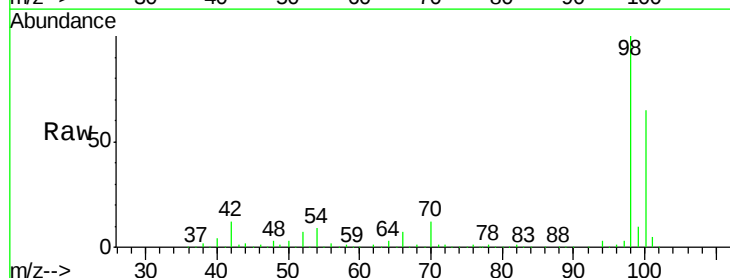
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 16302
Ion Ratio Lower Upper
88 100
43 37.6 30.1 45.1
58 70.1 56.1 84.1



#50
Toluene-d8
Concen: 51.686 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 98 Resp: 419582
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2

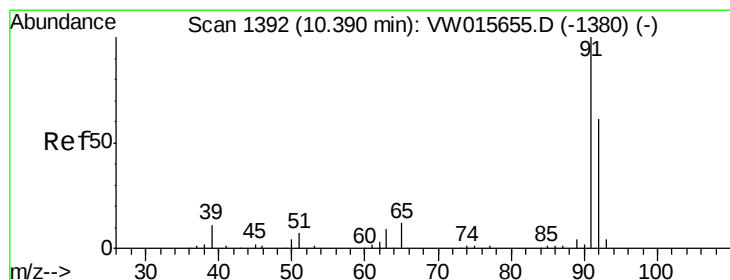
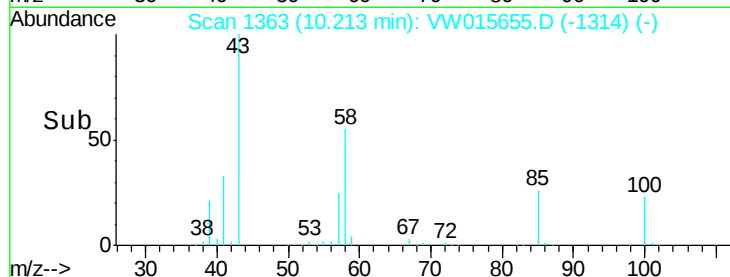
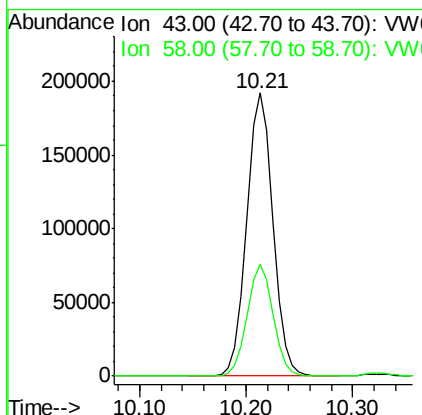
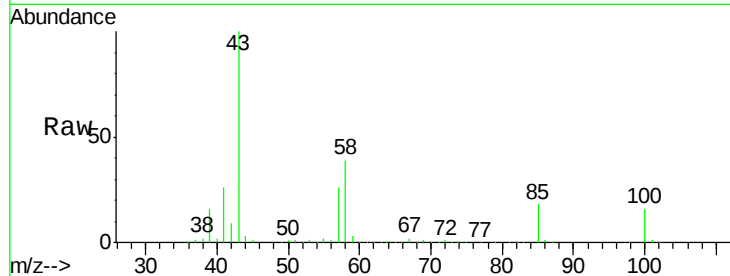




#51
4-Methyl-2-Pentanone
Concen: 270.891 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

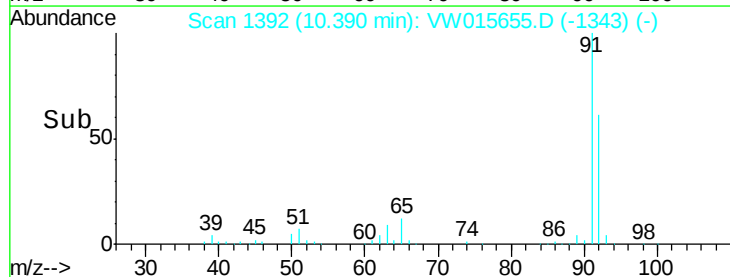
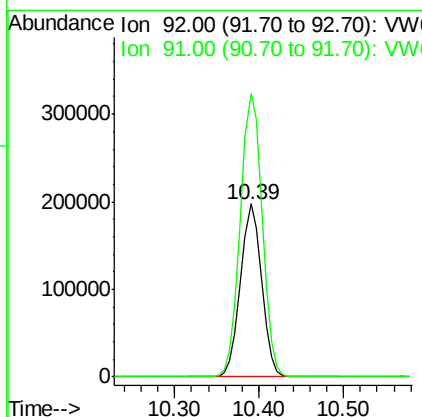
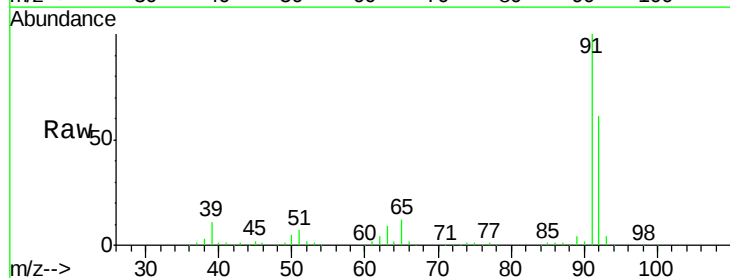
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

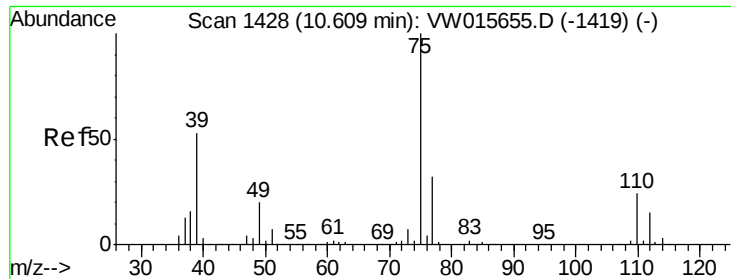
Tgt Ion: 43 Resp: 332880
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8



#52
Toluene
Concen: 55.281 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 92 Resp: 331841
Ion Ratio Lower Upper
92 100
91 169.4 135.5 203.3

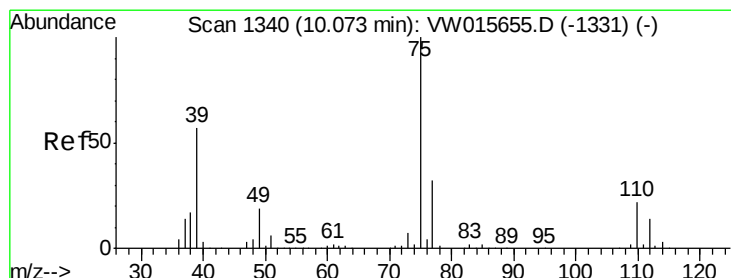
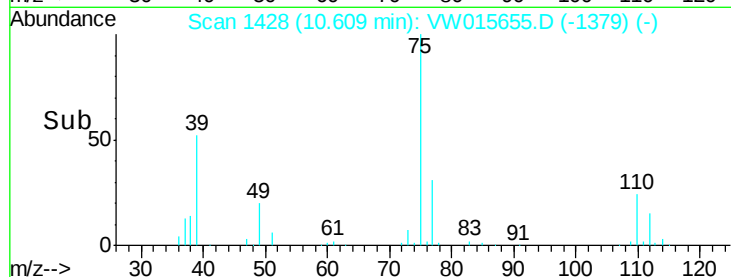
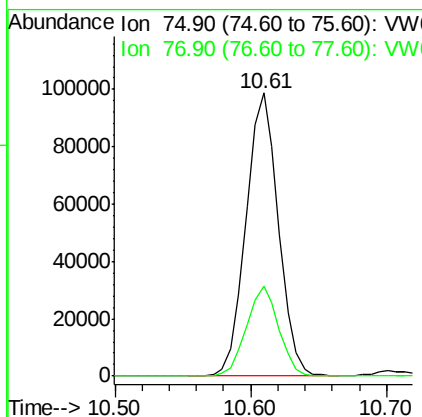
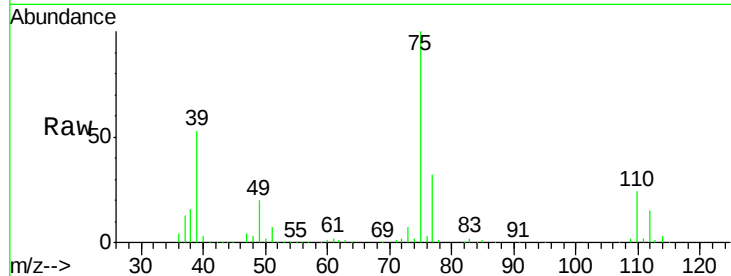




#53
 t-1,3-Dichloropropene
 Concen: 54.282 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

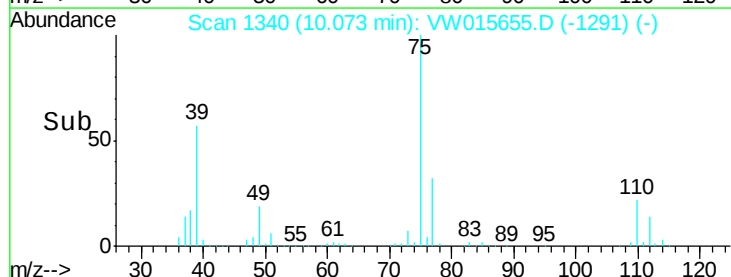
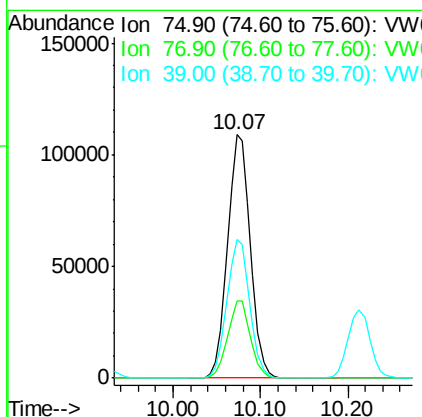
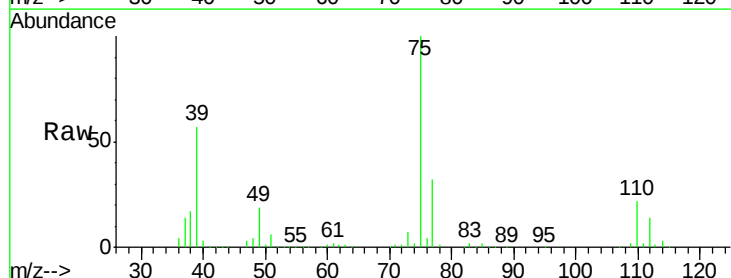
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

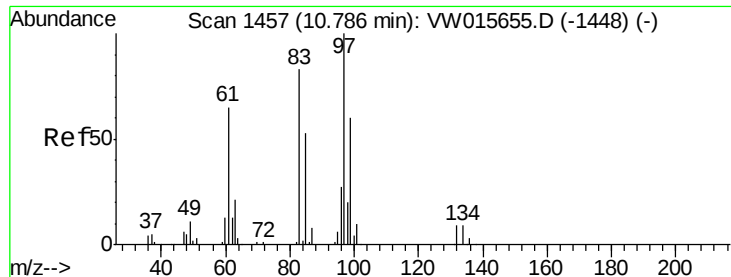
Tgt Ion: 75 Resp: 164774
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 54.510 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 75 Resp: 196529
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 57.2 45.8 68.6

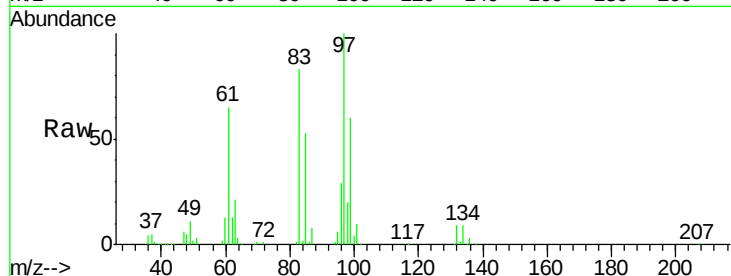




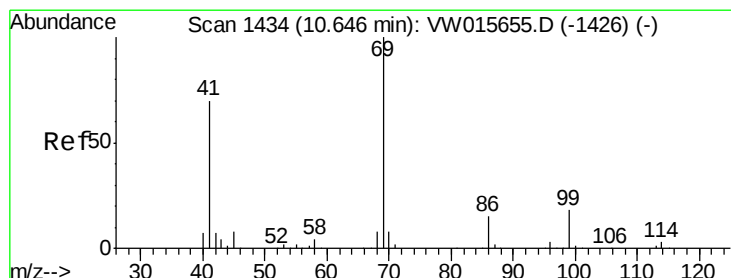
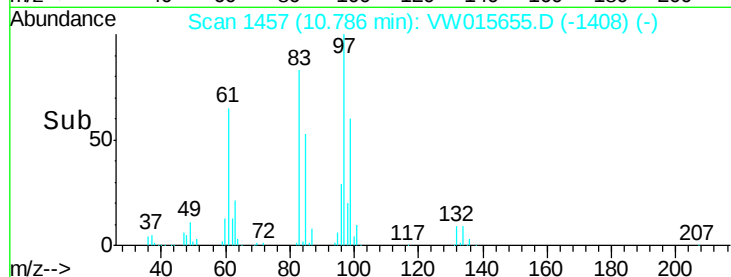
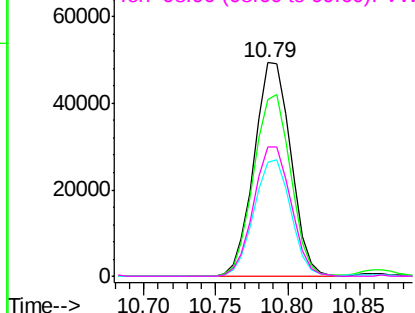
#55
 1,1,2-Trichloroethane
 Concen: 54.730 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	87451
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.3	99.5
85	53.1	42.5	63.7
99	60.4	48.3	72.5

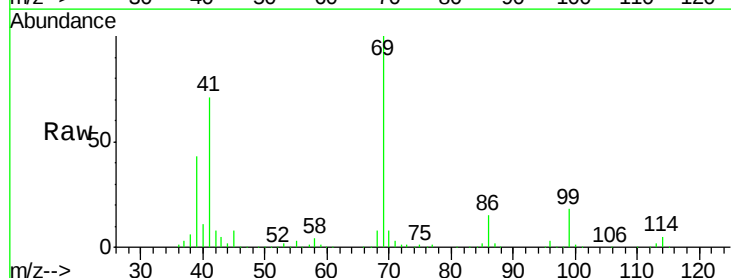


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

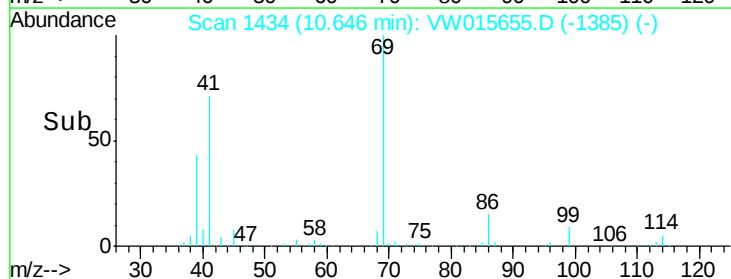
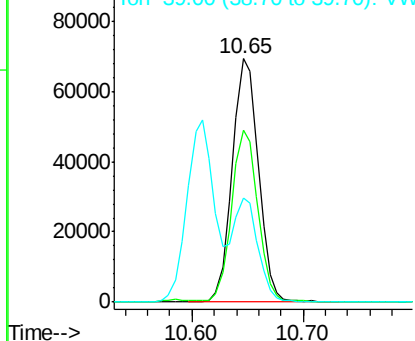


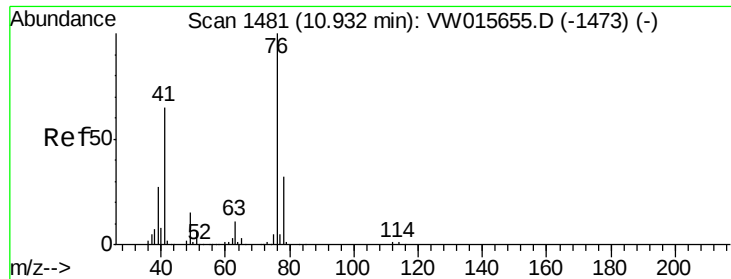
#56
 Ethyl methacrylate
 Concen: 55.073 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion:	69	Resp:	113567
Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.8	83.6
39	36.9	29.5	44.3



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

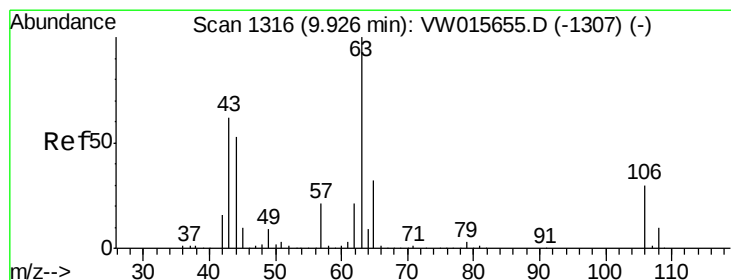
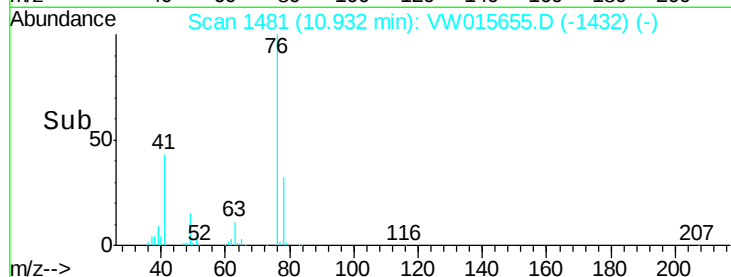
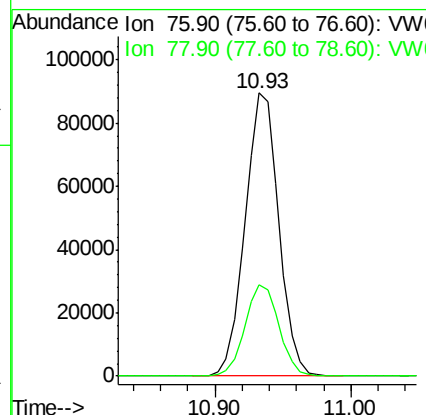
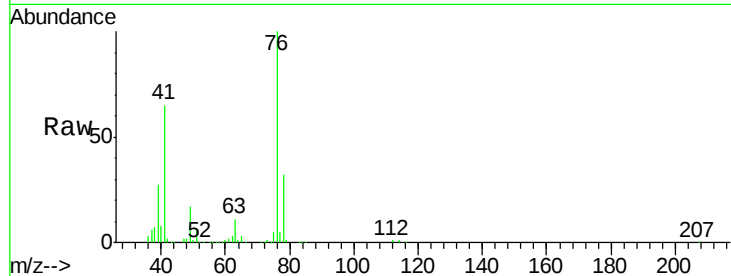




#57
 1,3-Dichloropropane
 Concen: 54.633 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

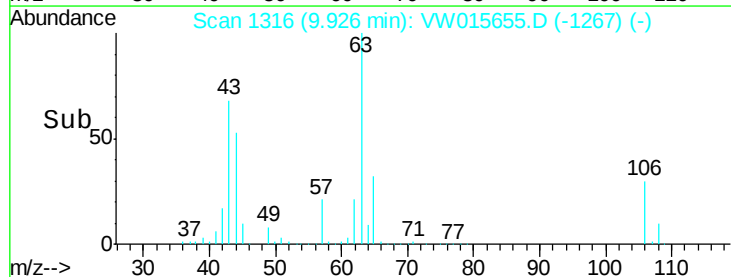
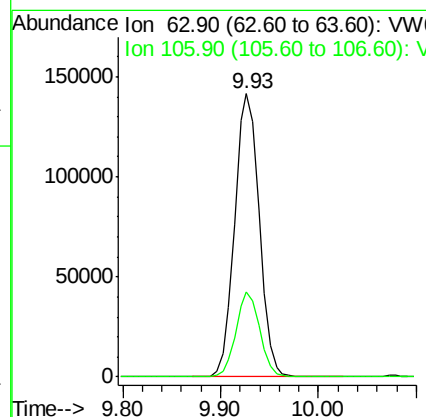
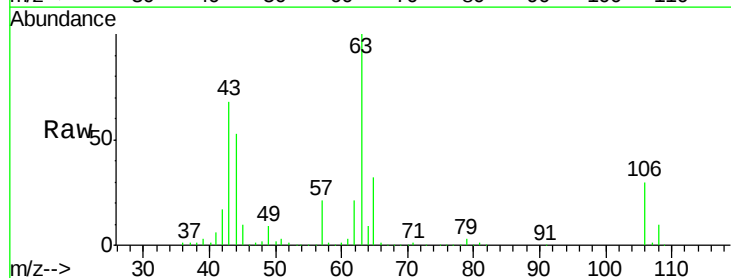
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

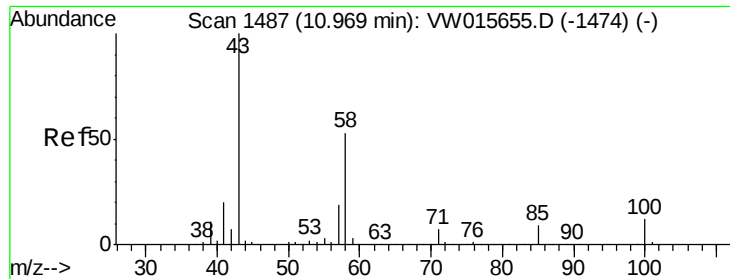
Tgt Ion: 76 Resp: 154679
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.554 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 63 Resp: 246067
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.3 34.9





#59

2-Hexanone

Concen: 276.482 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

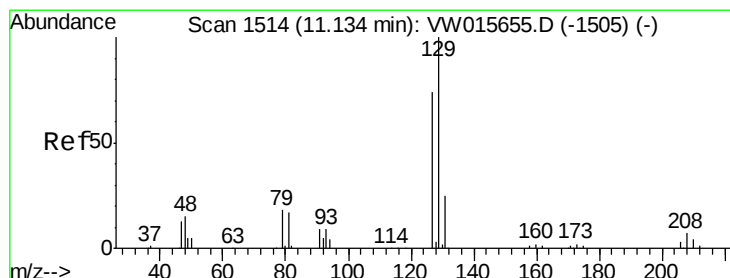
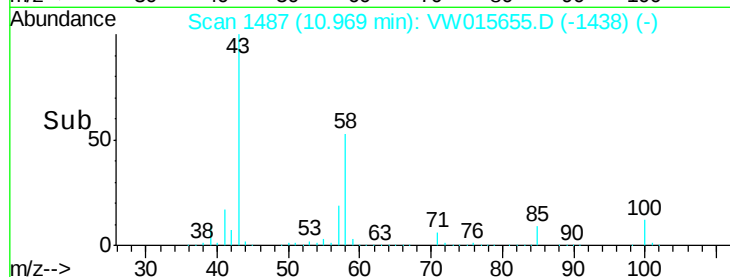
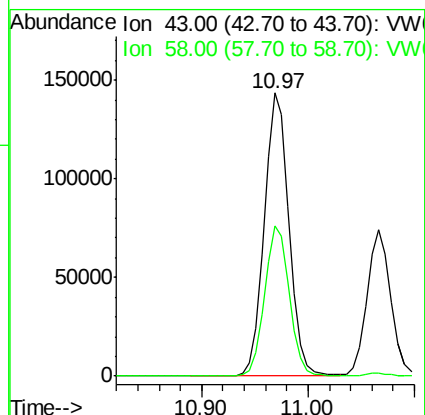
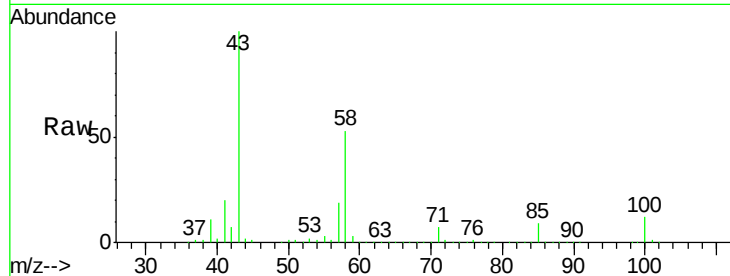
VSTDICCC050

Tgt Ion: 43 Resp: 233555

Ion Ratio Lower Upper

43 100

58 52.9 26.5 79.4



#60

Dibromochloromethane

Concen: 54.670 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VW015655.D

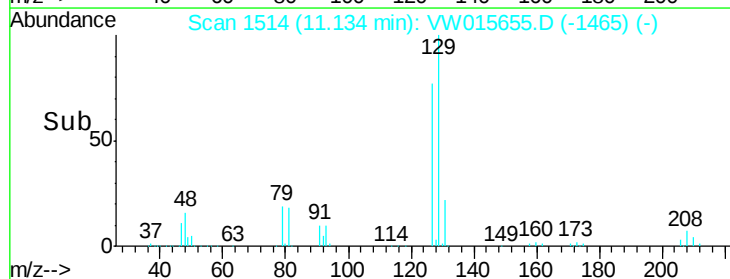
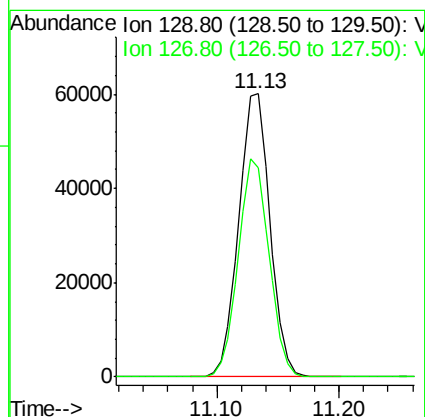
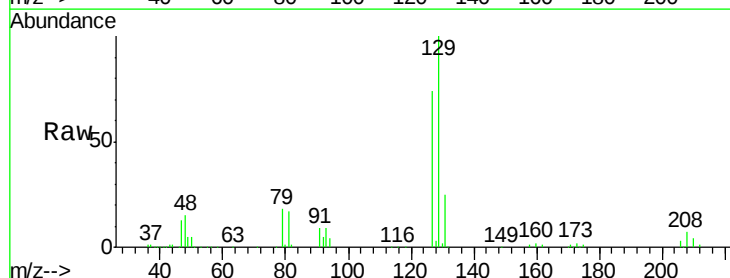
Acq: 23 Jun 2020 12:03

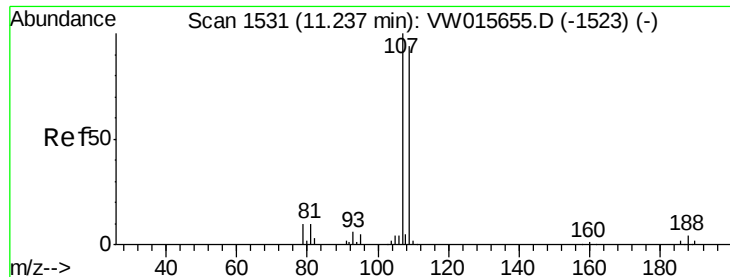
Tgt Ion: 129 Resp: 106281

Ion Ratio Lower Upper

129 100

127 76.1 38.0 114.1

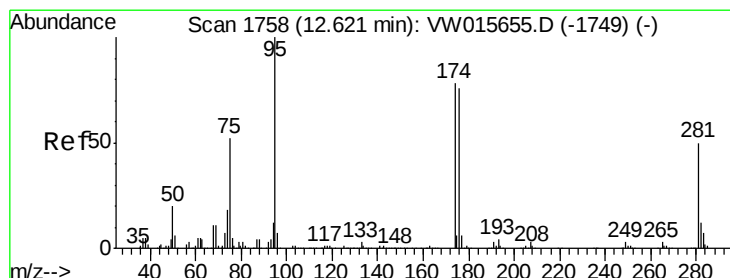
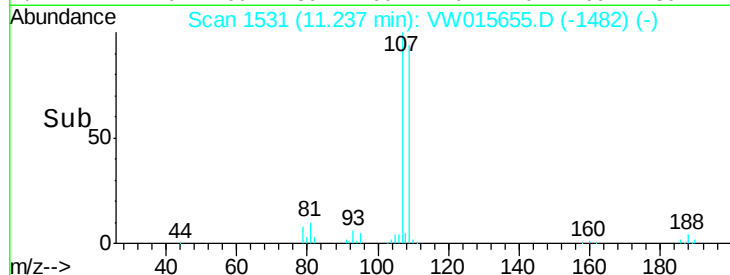
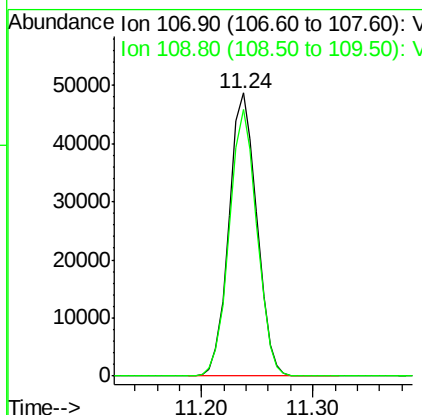
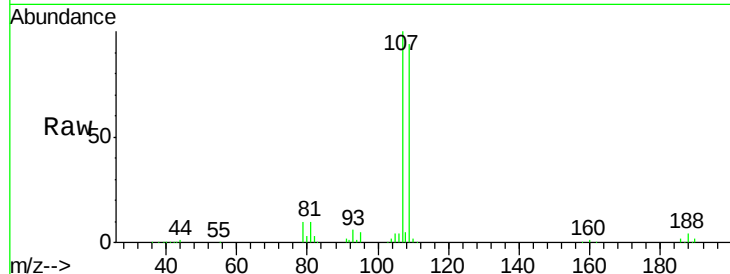




#61
 1,2-Dibromoethane
 Concen: 55.212 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

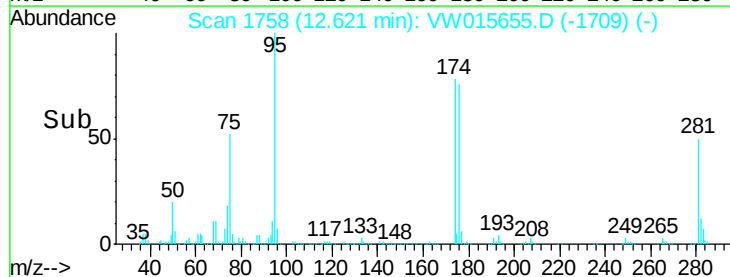
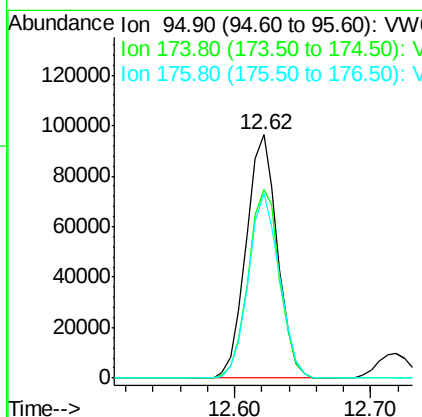
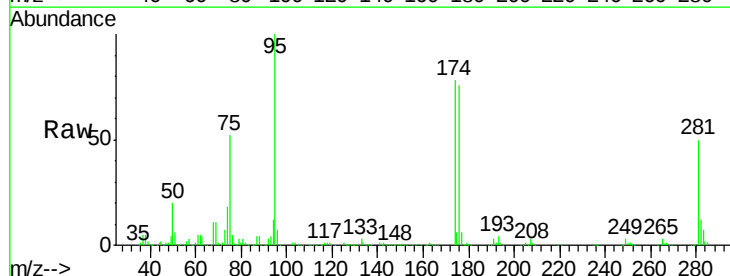
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

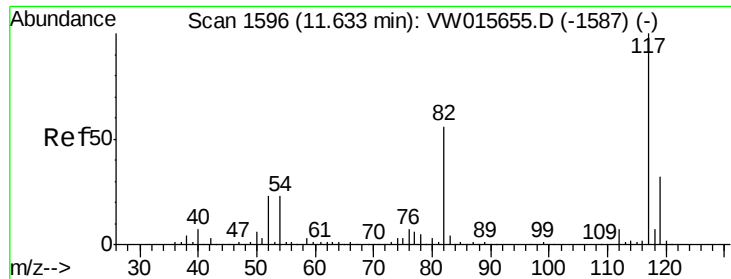
Tgt Ion: 107 Resp: 84316
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 52.620 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 95 Resp: 154939
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 157.0
 176 75.7 0.0 151.4

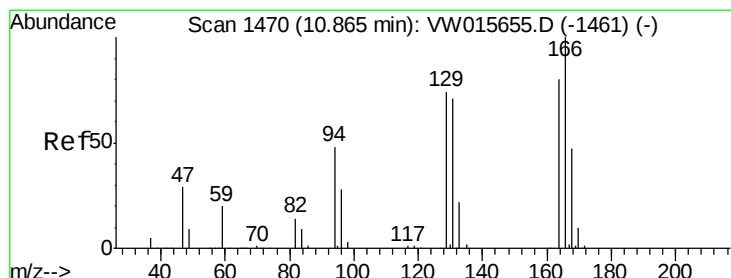
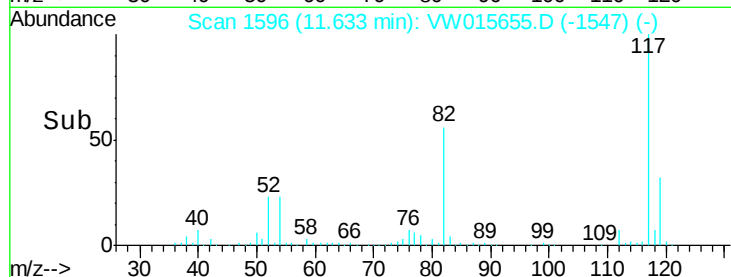
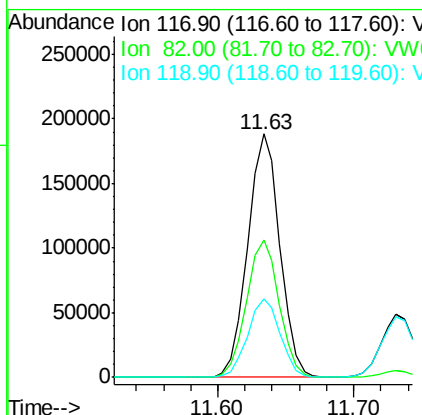
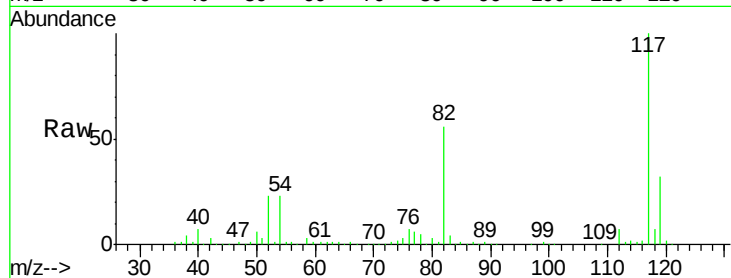




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

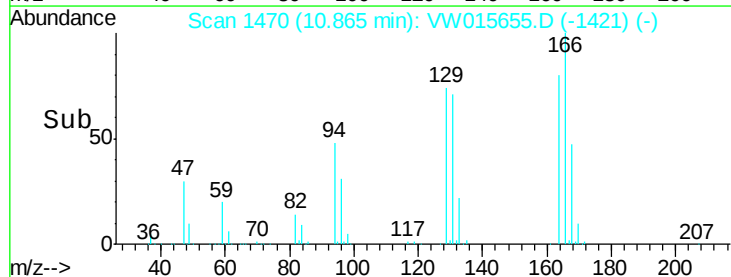
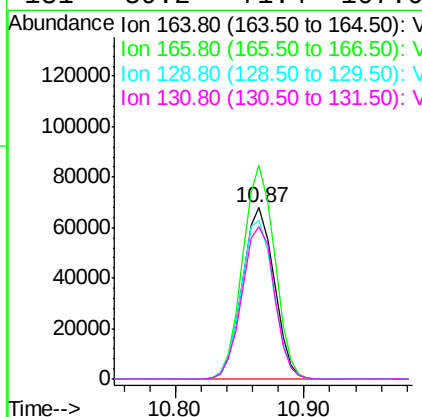
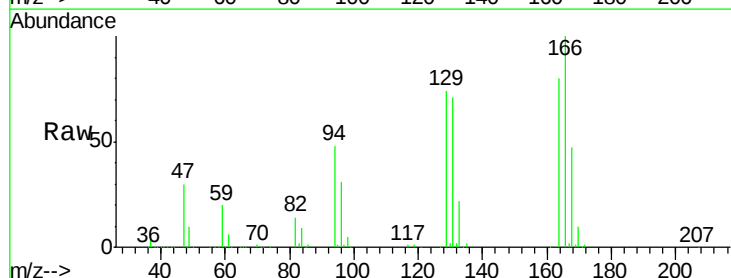
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

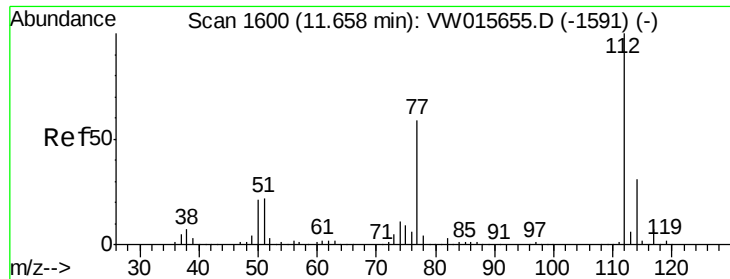
Tgt Ion:117 Resp: 312007
Ion Ratio Lower Upper
117 100
82 56.4 45.1 67.7
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 54.737 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion:164 Resp: 116441
Ion Ratio Lower Upper
164 100
166 124.9 99.9 149.9
129 92.7 74.2 111.2
131 89.2 71.4 107.0

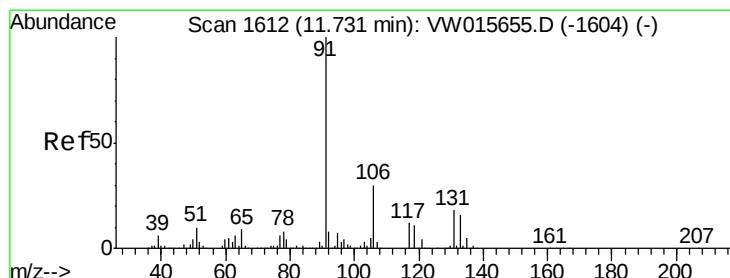
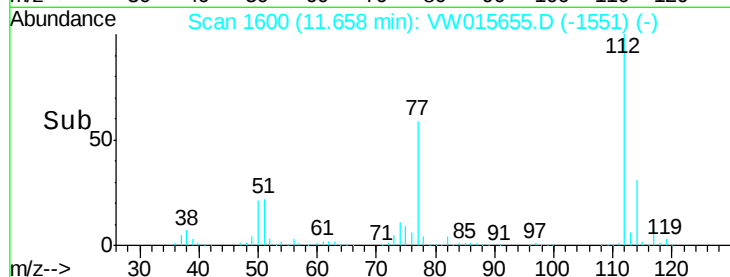
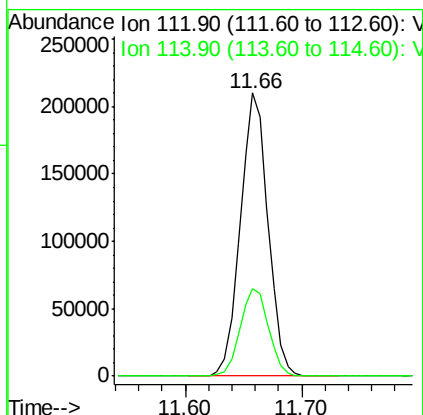
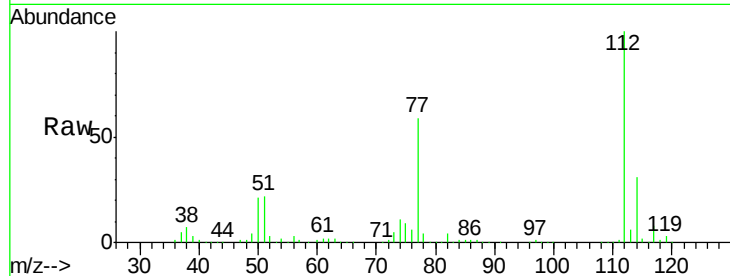




#65
Chlorobenzene
Concen: 54.233 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

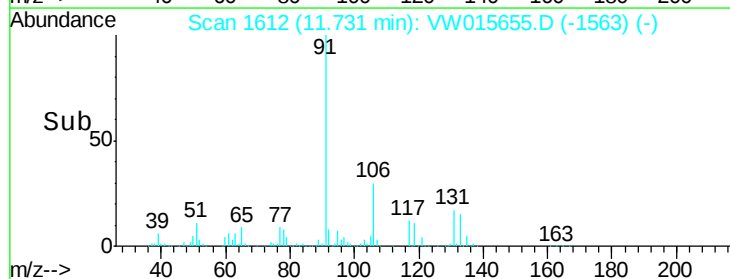
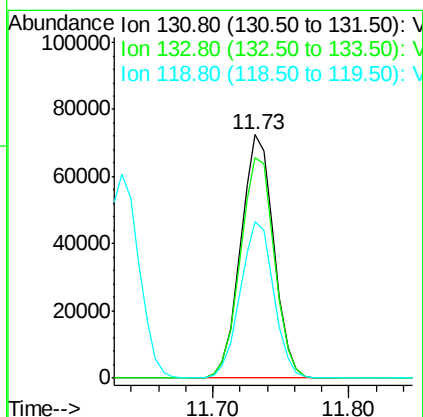
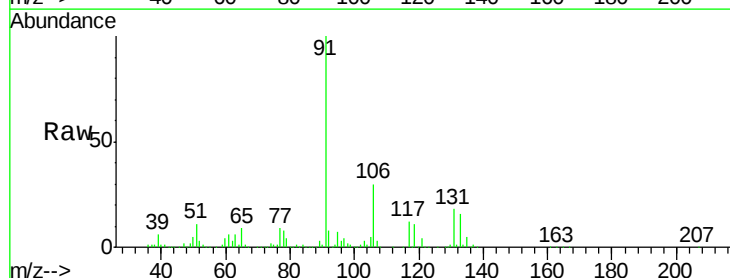
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

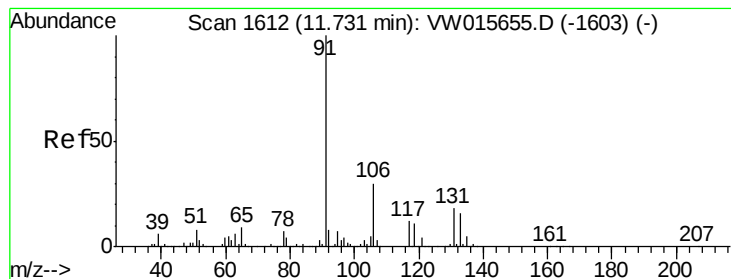
Tgt Ion:112 Resp: 347470
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.889 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion:131 Resp: 123111
Ion Ratio Lower Upper
131 100
133 93.0 46.5 139.5
119 65.0 32.5 97.5





#67

Ethyl Benzene

Concen: 54.558 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

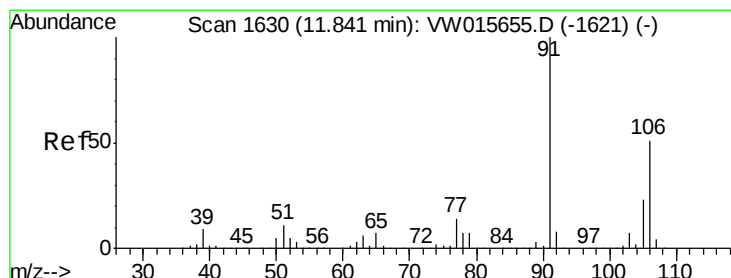
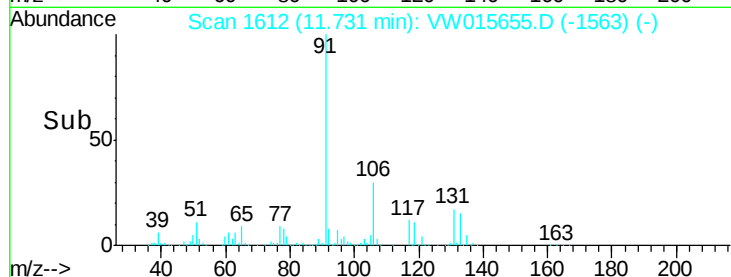
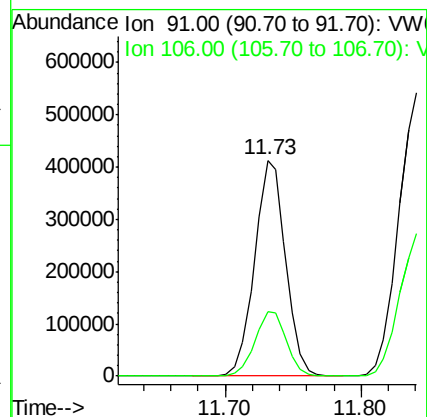
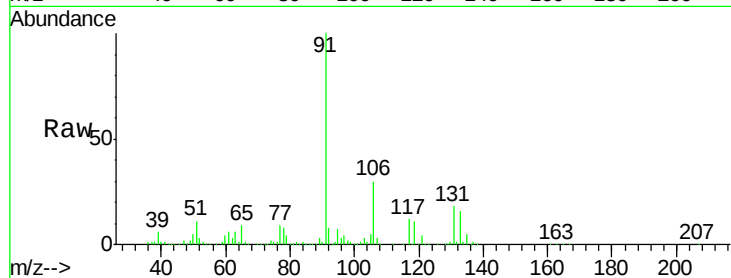
VSTDICCC050

Tgt Ion: 91 Resp: 658230

Ion Ratio Lower Upper

91 100

106 30.1 24.1 36.1



#68

m/p-Xylenes

Concen: 109.855 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW015655.D

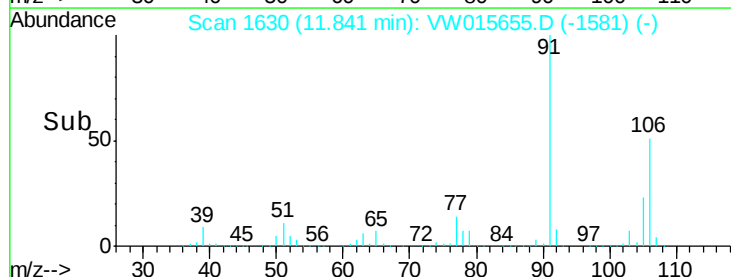
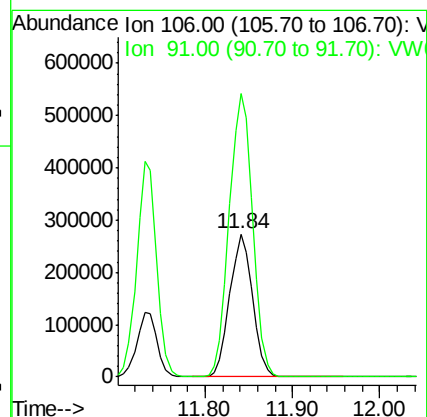
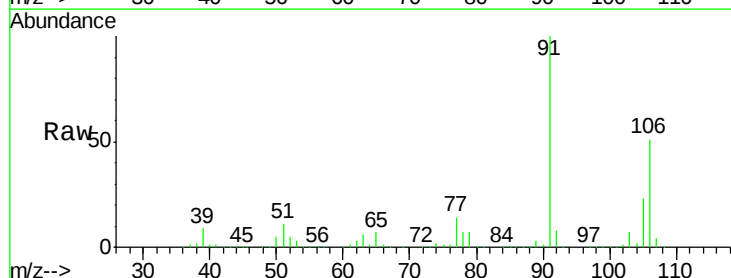
Acq: 23 Jun 2020 12:03

Tgt Ion: 106 Resp: 494858

Ion Ratio Lower Upper

106 100

91 203.3 162.6 244.0

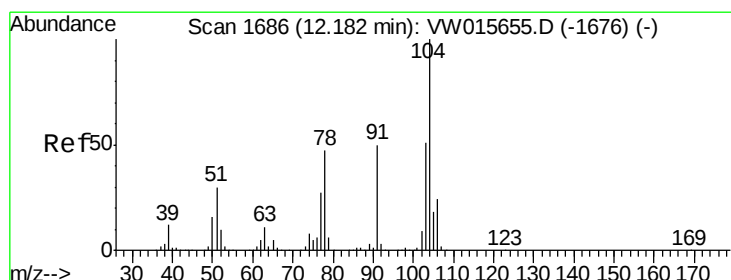
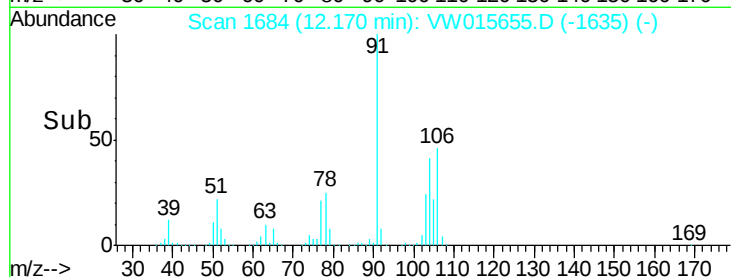
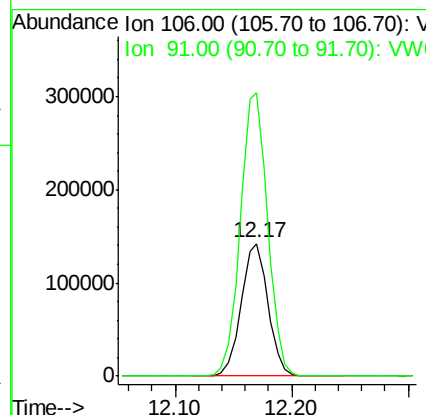
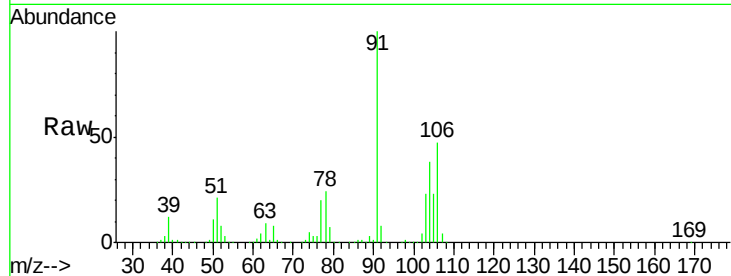




#69
o-Xylene
Concen: 54.661 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

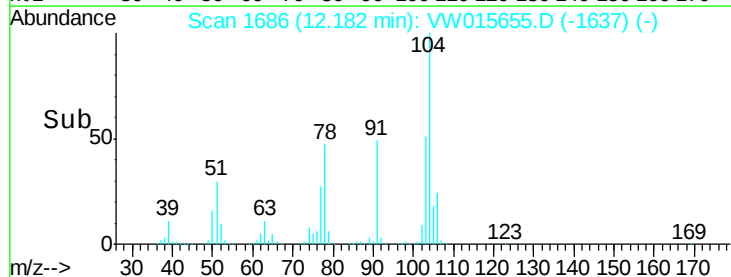
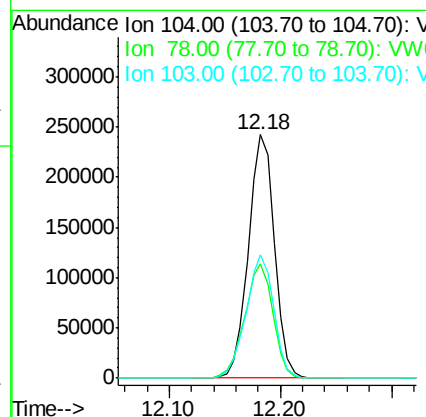
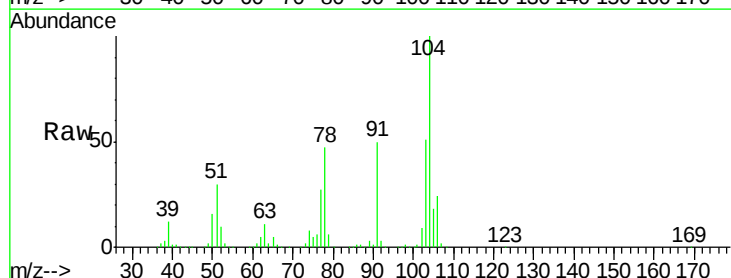
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

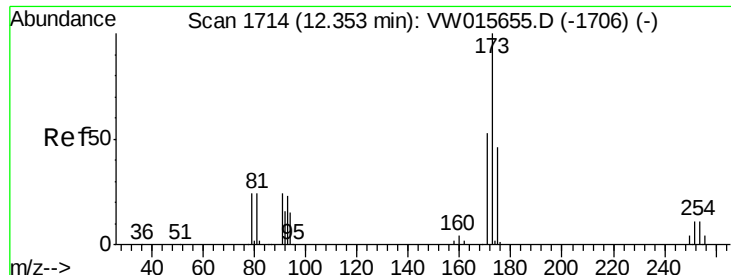
Tgt Ion:106 Resp: 228570
Ion Ratio Lower Upper
106 100
91 216.6 108.3 324.9



#70
Styrene
Concen: 55.143 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion:104 Resp: 393833
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 53.9 43.1 64.7

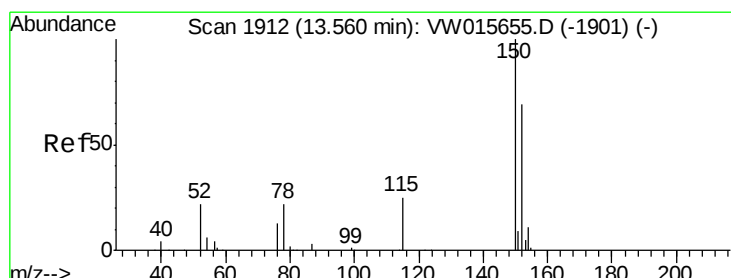
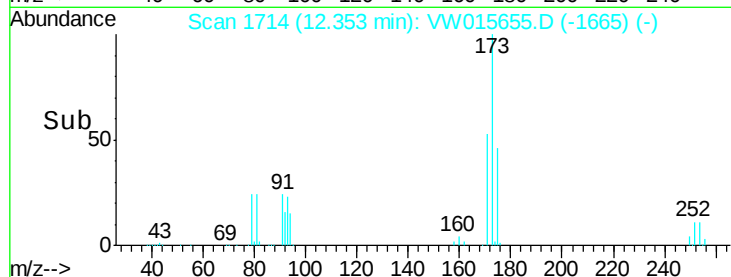
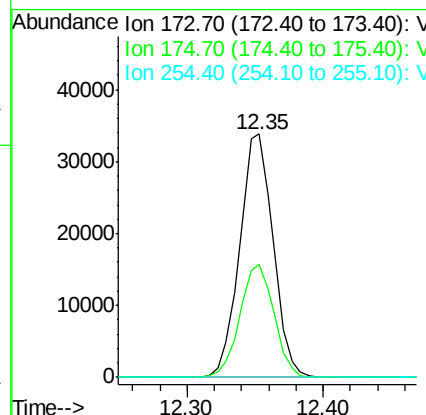
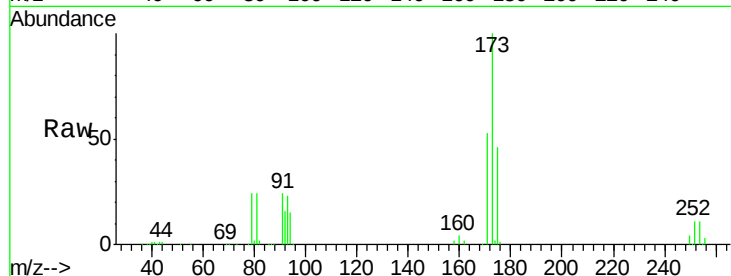




#71
Bromoform
Concen: 53.730 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

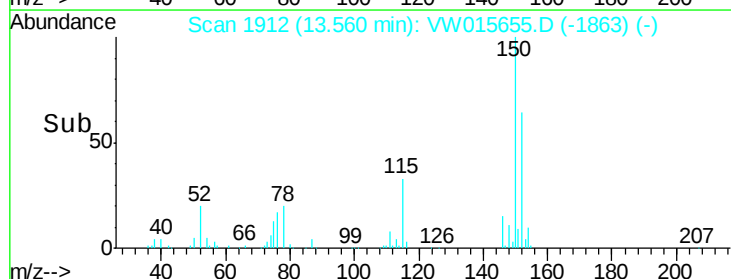
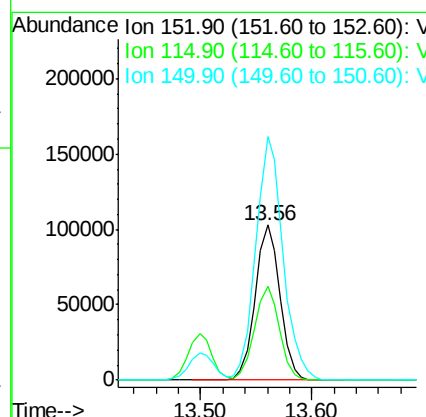
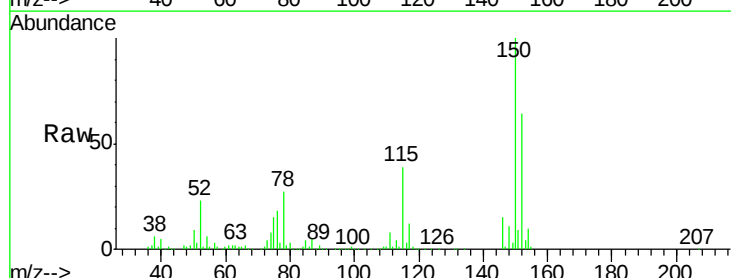
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

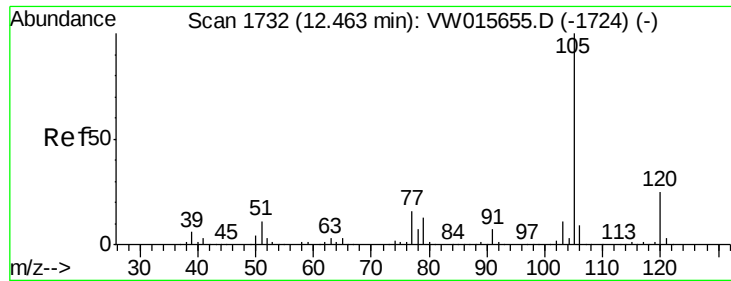
Tgt Ion:173 Resp: 57985
Ion Ratio Lower Upper
173 100
175 47.1 23.5 70.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion:152 Resp: 159809
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 172.8 0.0 345.6





#73

Isopropylbenzene

Concen: 52.749 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

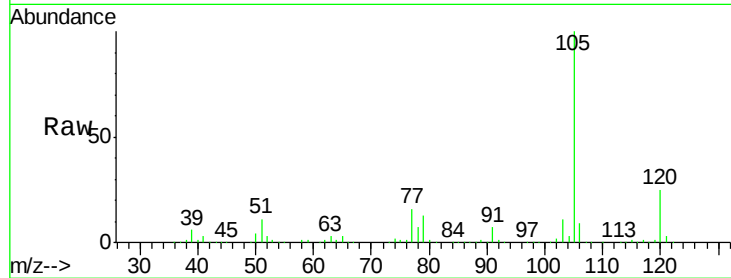
VSTDICCC050

Tgt Ion:105 Resp: 646132

Ion Ratio Lower Upper

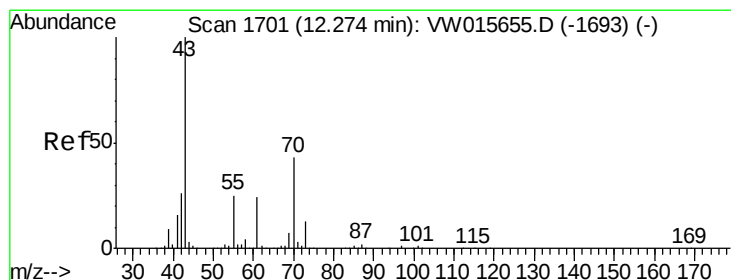
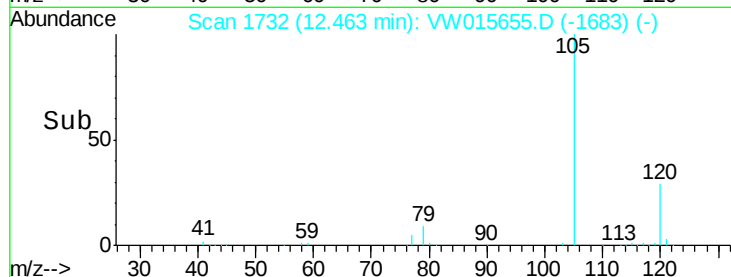
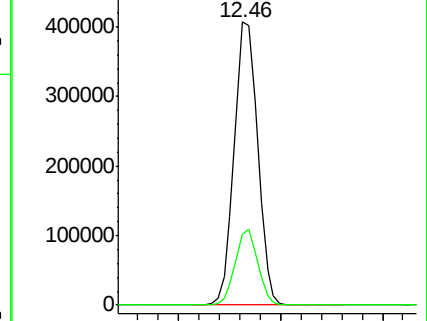
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.147 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion: 43 Resp: 134095

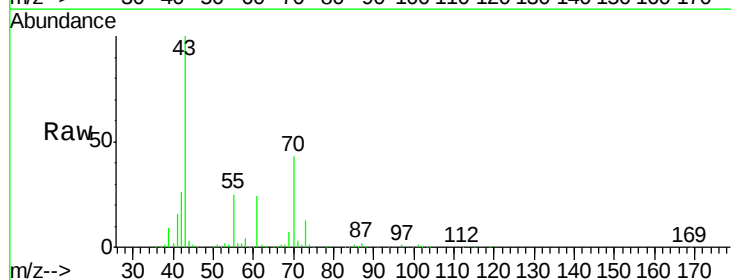
Ion Ratio Lower Upper

43 100

70 42.0 33.6 50.4

55 24.6 19.7 29.5

61 23.4 18.7 28.1

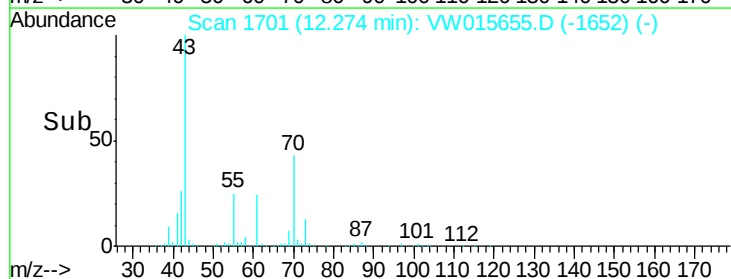
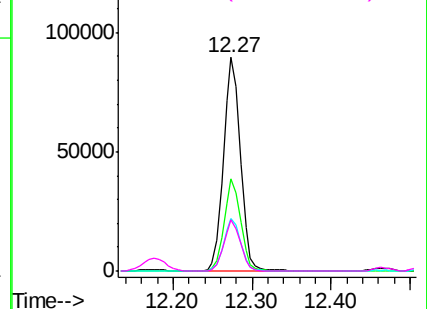


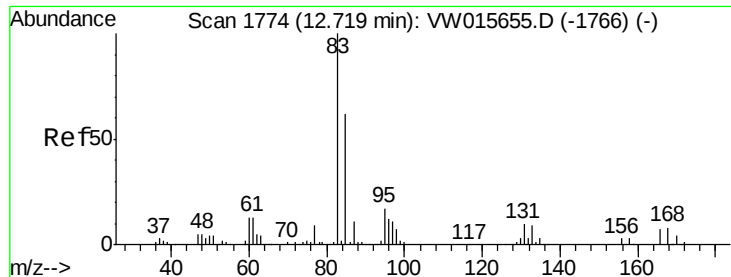
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 52.844 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

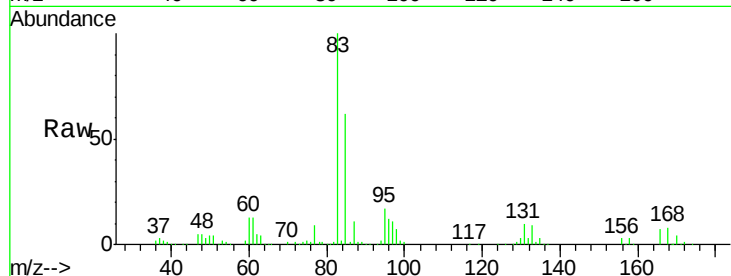
Tgt Ion: 83 Resp: 98301

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

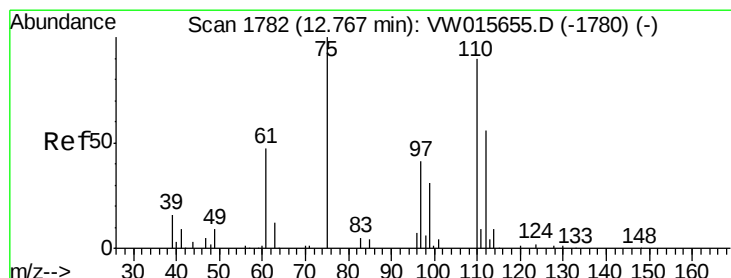
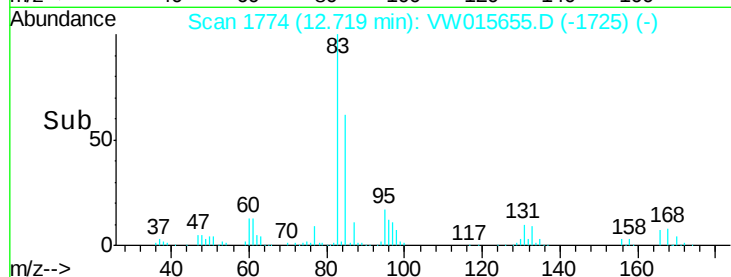
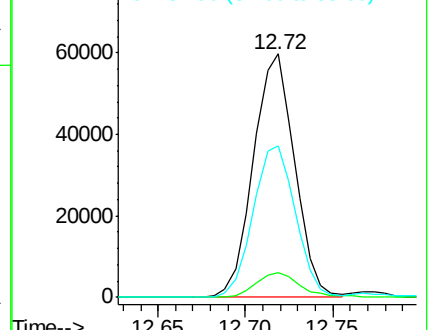
85 63.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 97.462 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015655.D

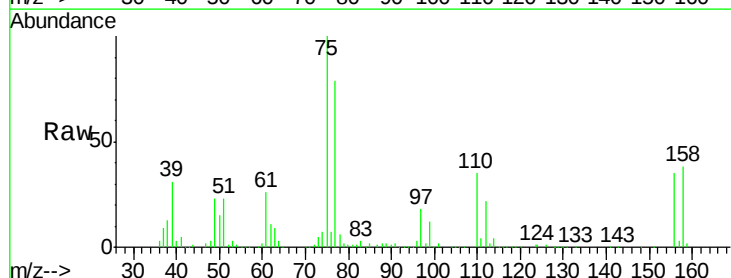
Acq: 23 Jun 2020 12:03

Tgt Ion: 75 Resp: 131126

Ion Ratio Lower Upper

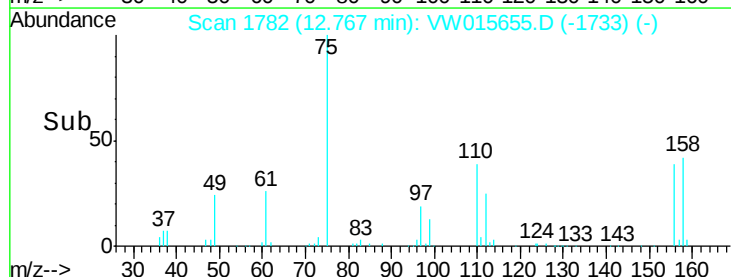
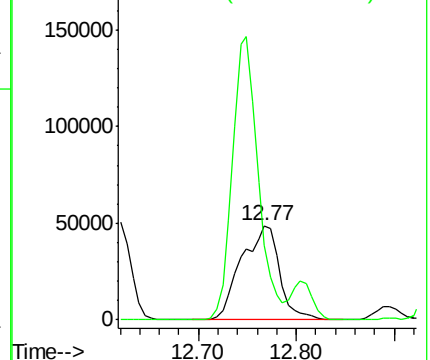
75 100

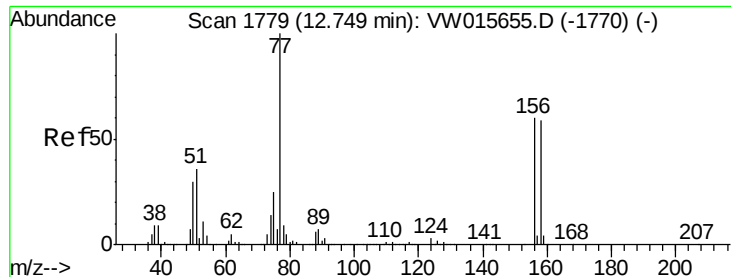
77 204.0 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.528 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

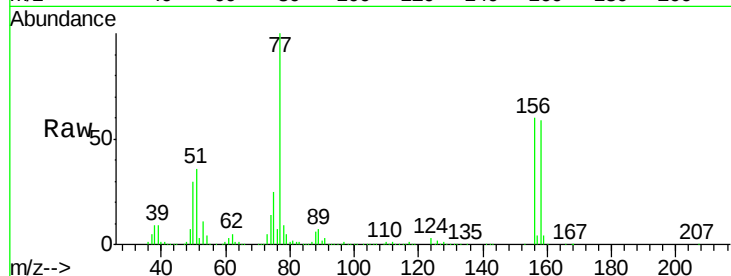
Tgt Ion:156 Resp: 141506

Ion Ratio Lower Upper

156 100

77 189.0 94.5 283.5

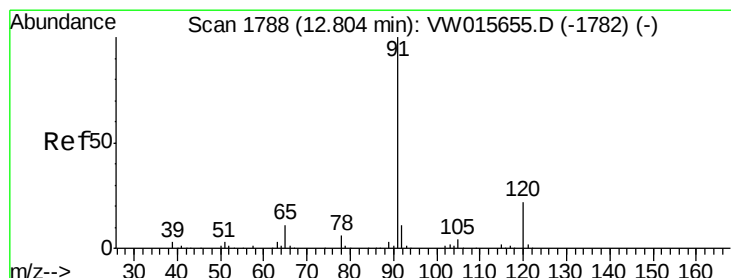
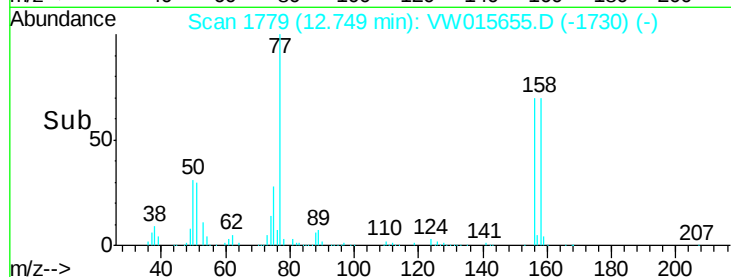
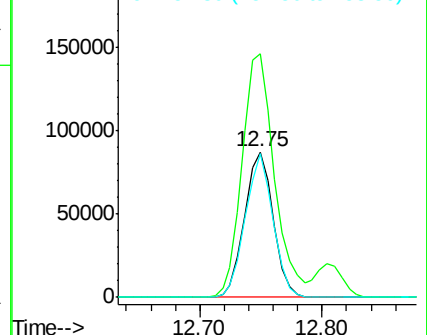
158 95.7 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.510 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015655.D

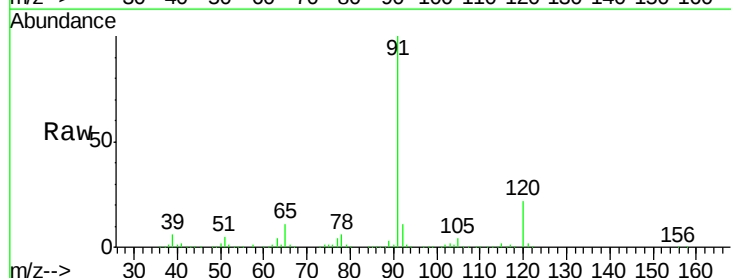
Acq: 23 Jun 2020 12:03

Tgt Ion: 91 Resp: 785245

Ion Ratio Lower Upper

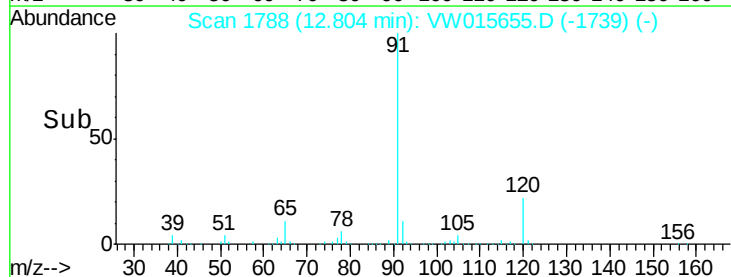
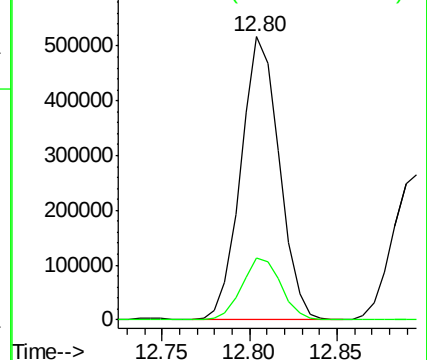
91 100

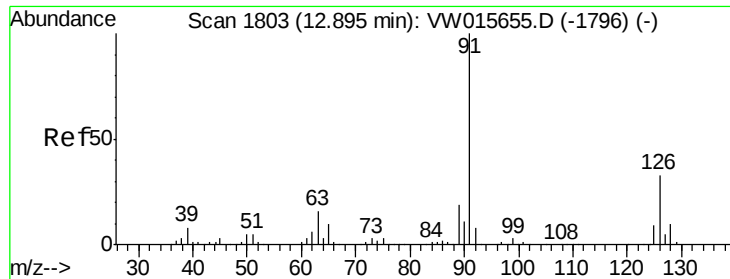
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

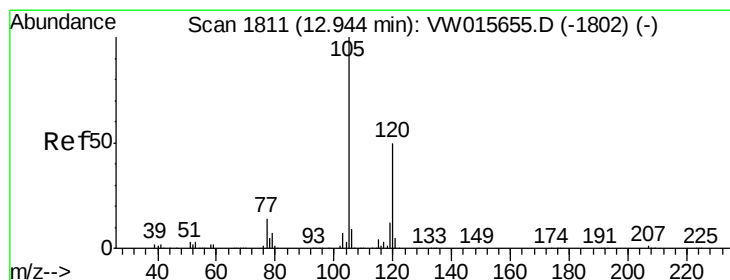
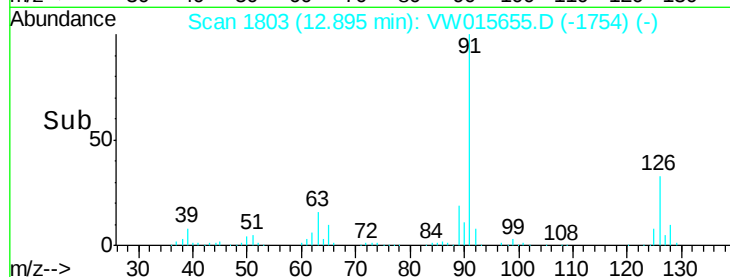
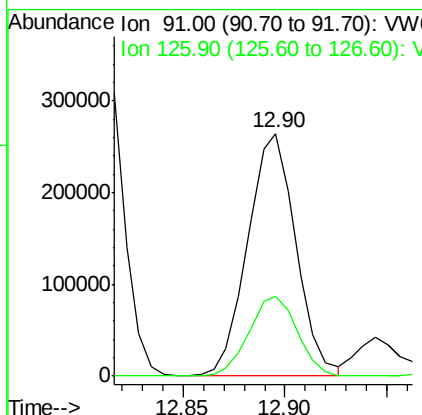
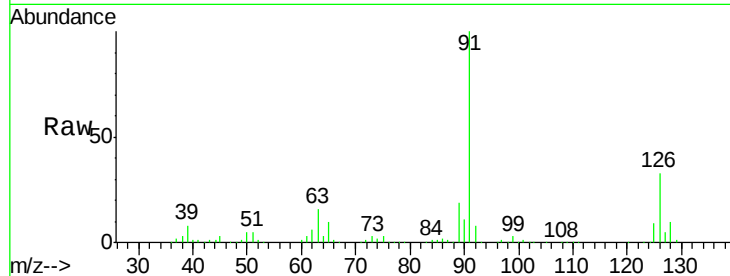




#79
 2-Chlorotoluene
 Concen: 52.311 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

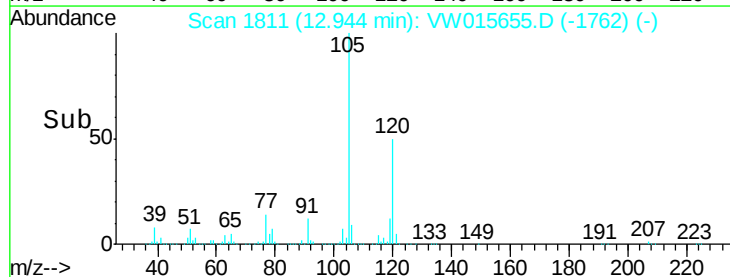
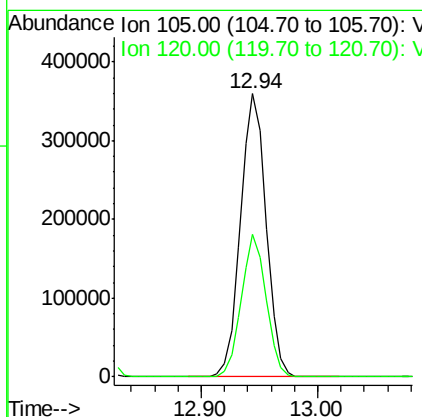
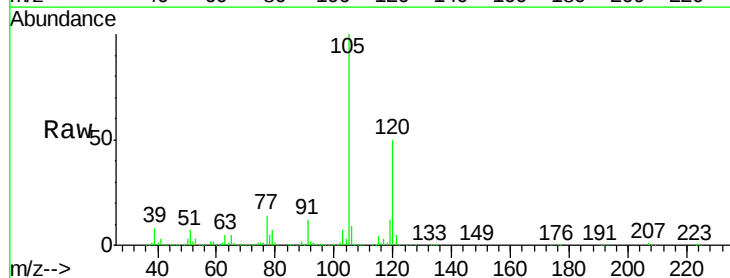
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

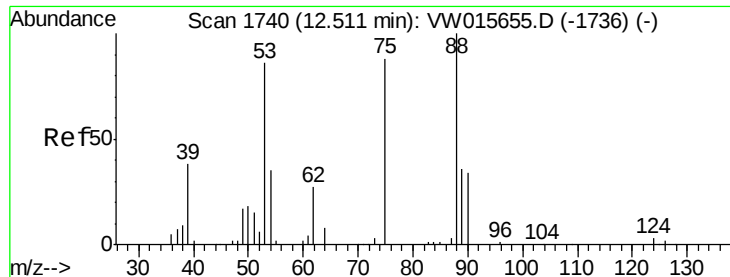
Tgt Ion: 91 Resp: 433353
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.285 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 105 Resp: 551447
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.296 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

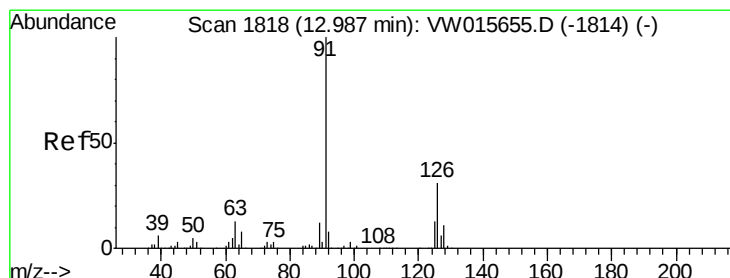
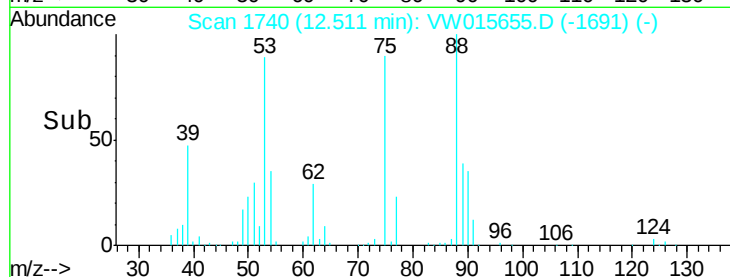
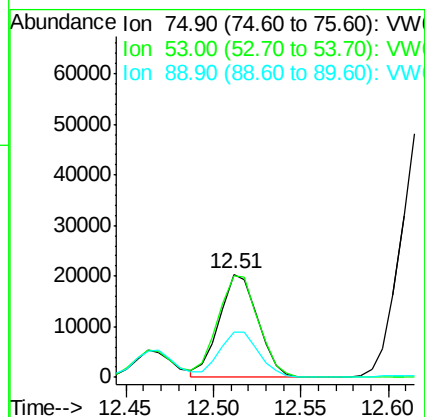
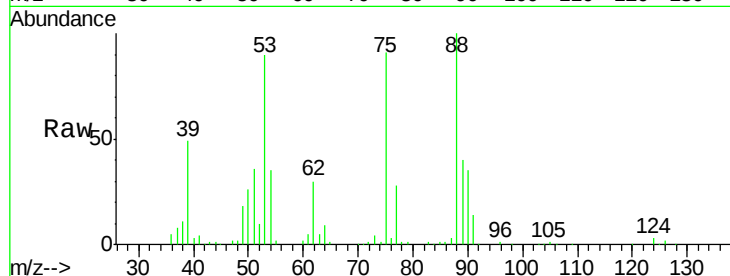
Tgt Ion: 75 Resp: 31179

Ion Ratio Lower Upper

75 100

53 104.8 83.8 125.8

89 45.8 36.6 55.0



#82

4-Chlorotoluene

Concen: 53.538 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015655.D

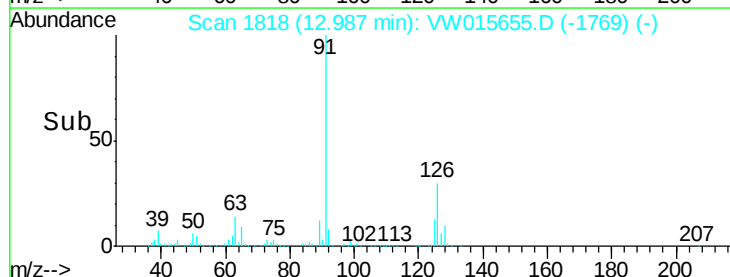
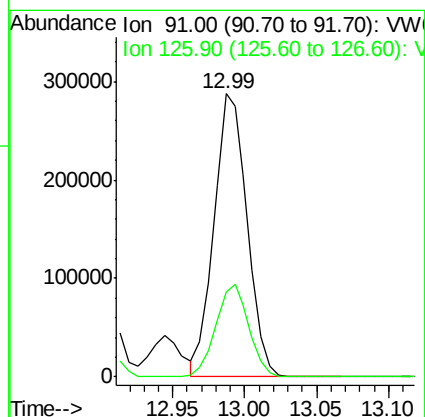
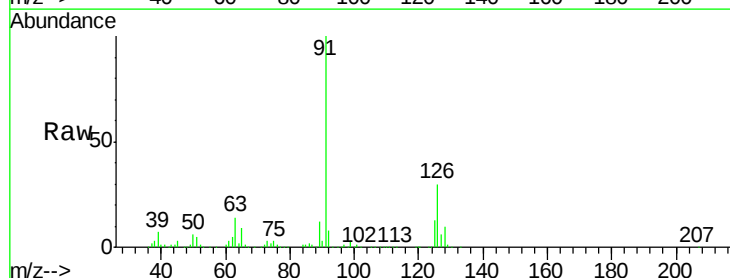
Acq: 23 Jun 2020 12:03

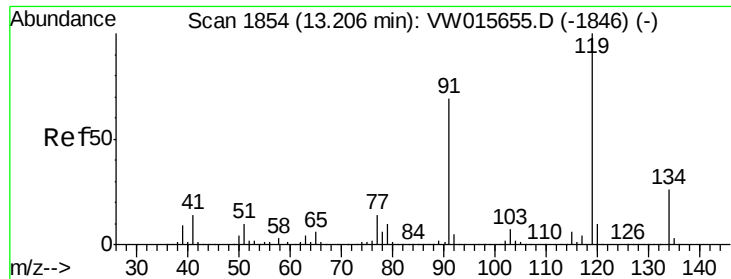
Tgt Ion: 91 Resp: 459713

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9

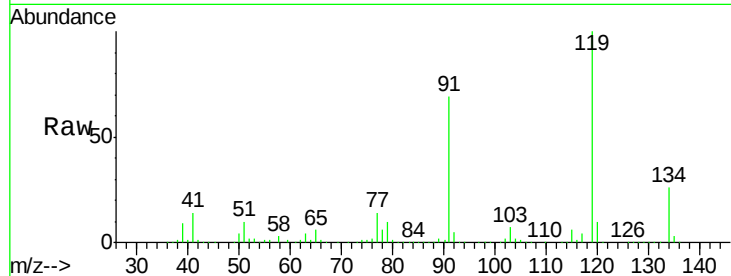




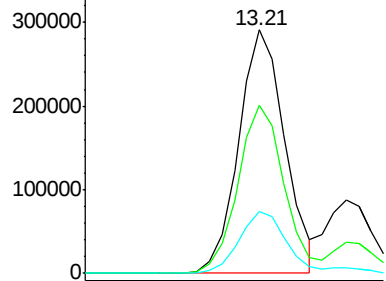
#83
 tert-Butylbenzene
 Concen: 52.067 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

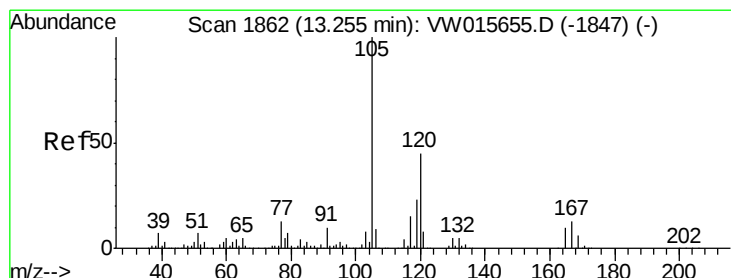
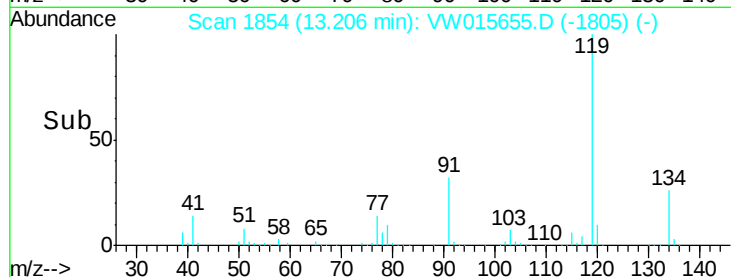
Tgt Ion:119 Resp: 457764
 Ion Ratio Lower Upper
 119 100
 91 69.4 34.7 104.1
 134 27.6 13.8 41.4



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

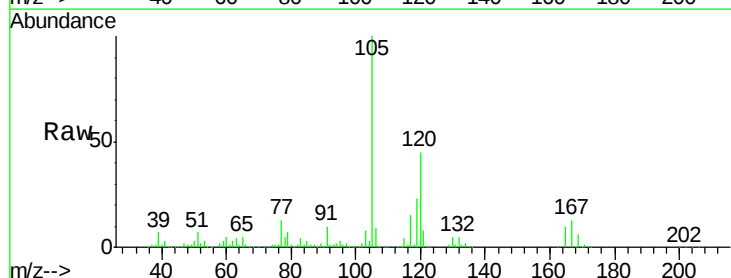


Time-->

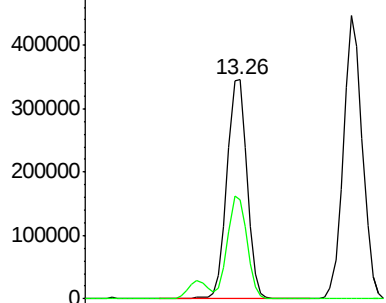


#84
 1,2,4-Trimethylbenzene
 Concen: 53.363 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

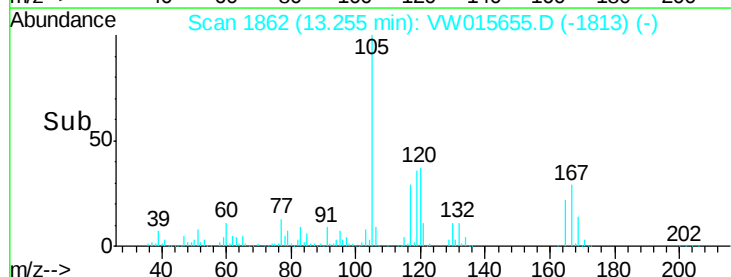
Tgt Ion:105 Resp: 550792
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3

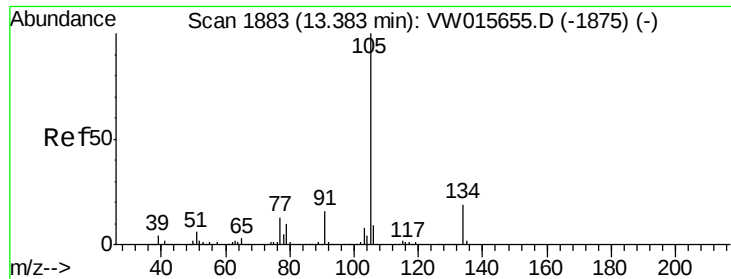


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 54.124 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

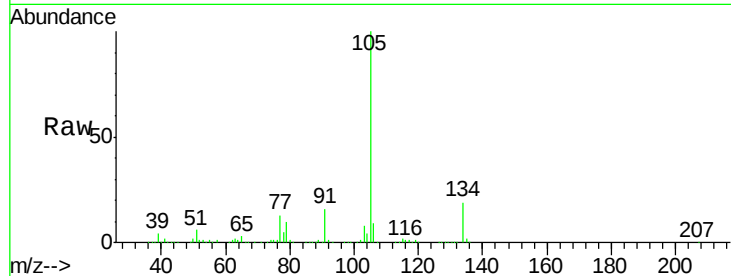
VSTDICCC050

Tgt Ion:105 Resp: 675944

Ion Ratio Lower Upper

105 100

134 19.9 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

400000

300000

200000

100000

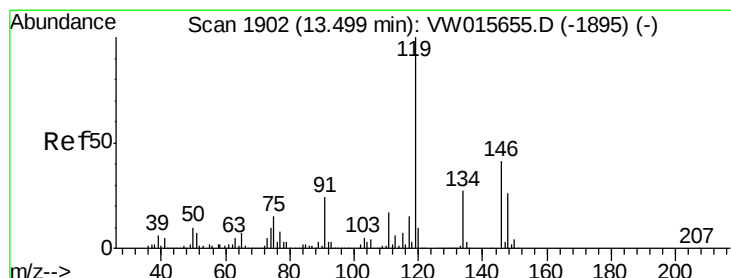
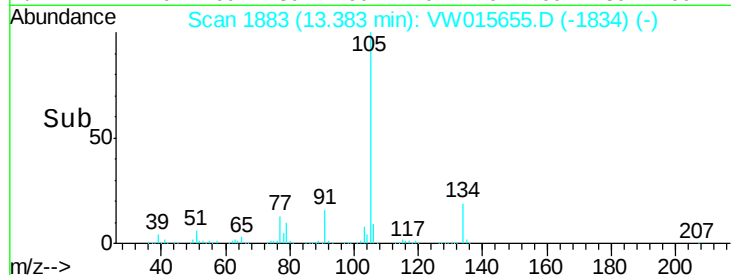
0

13.30

13.40

13.50

Time-->



#86

p-Isopropyltoluene

Concen: 53.080 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

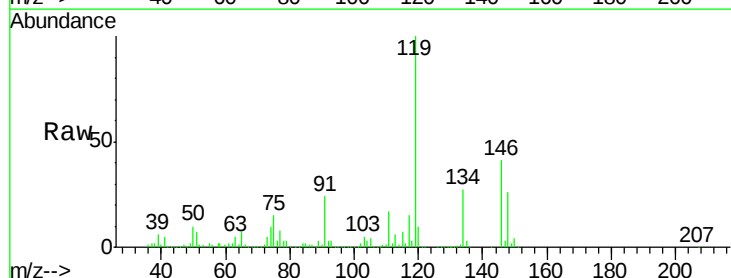
Tgt Ion:119 Resp: 604711

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 24.5 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

400000

300000

200000

100000

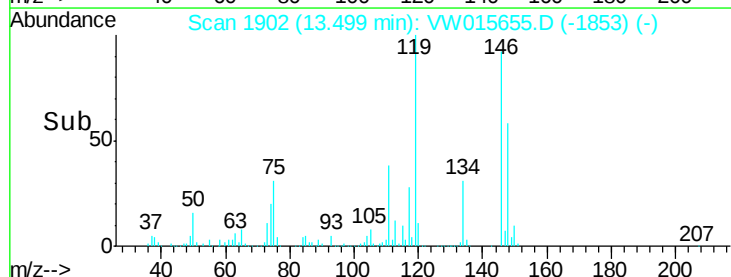
0

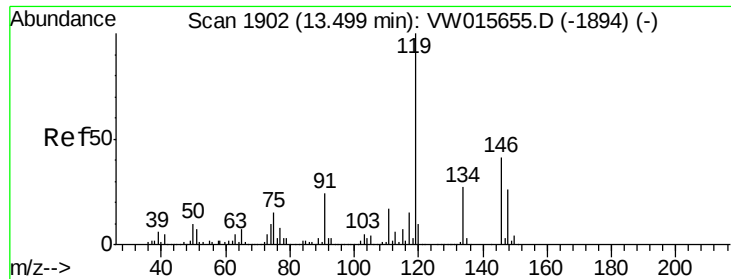
13.45

13.50

13.55

Time-->

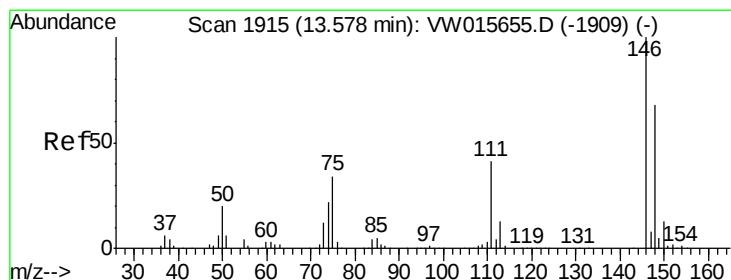
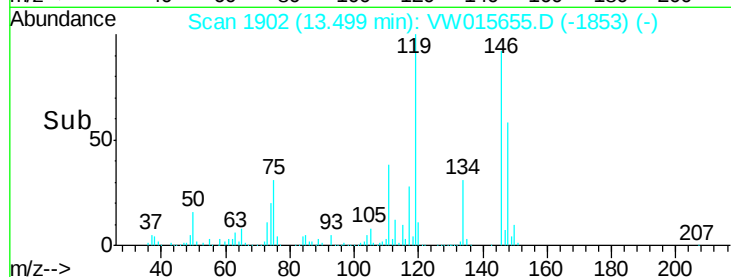
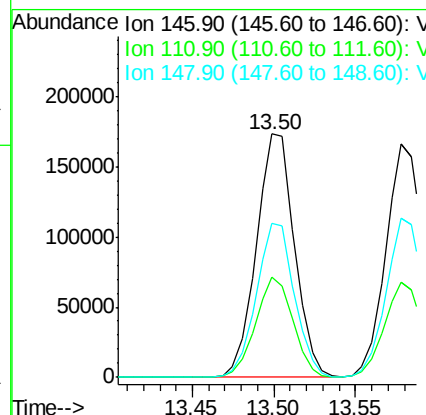
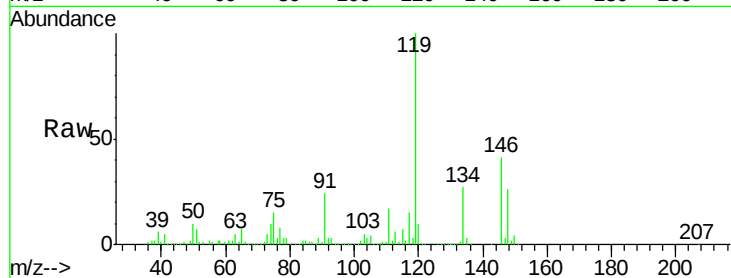




#87
 1,3-Dichlorobenzene
 Concen: 53.506 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

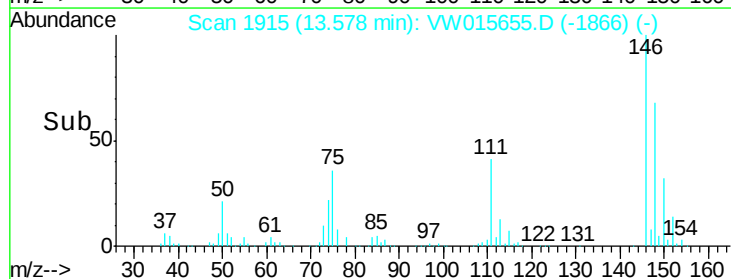
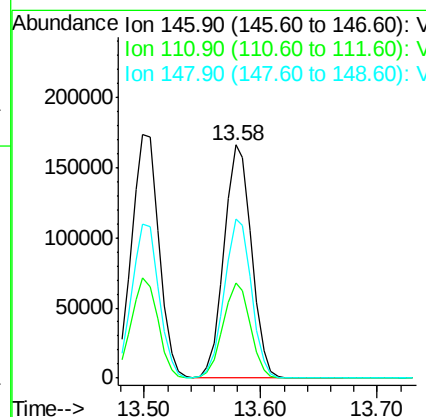
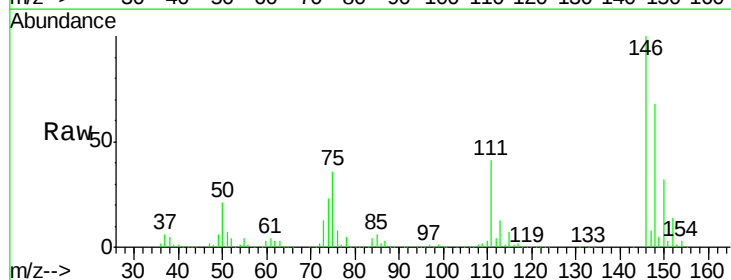
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

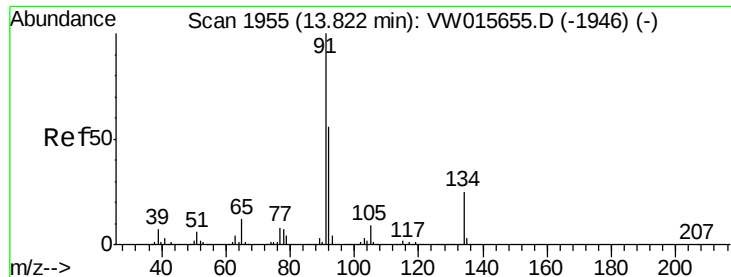
Tgt Ion:146 Resp: 281207
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 63.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 51.945 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion:146 Resp: 269725
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.9
 148 67.4 33.7 101.1





#89

n-Butylbenzene

Concen: 53.914 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

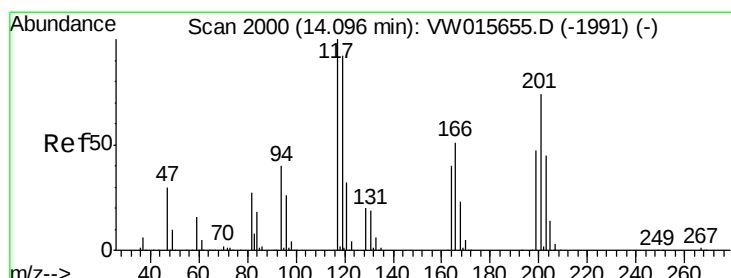
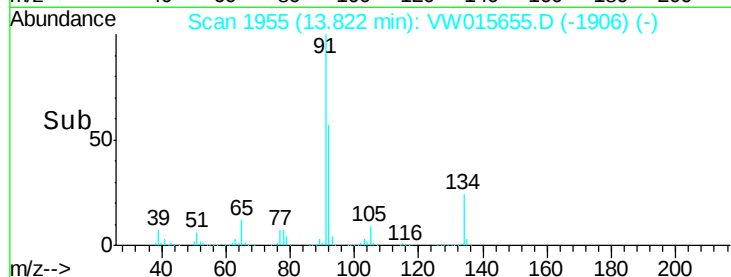
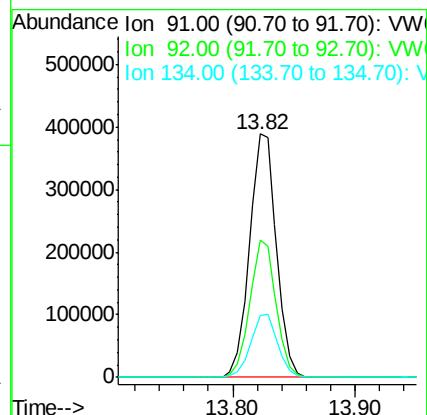
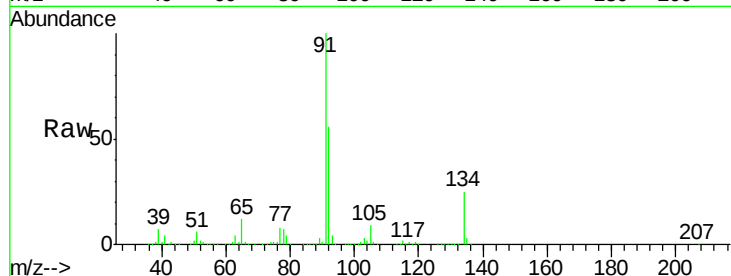
Tgt Ion: 91 Resp: 591751

Ion Ratio Lower Upper

91 100

92 54.9 27.5 82.4

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 51.794 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015655.D

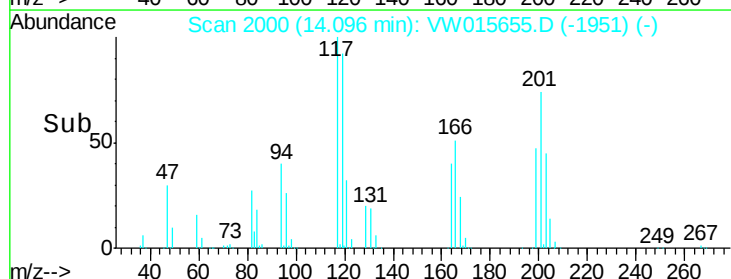
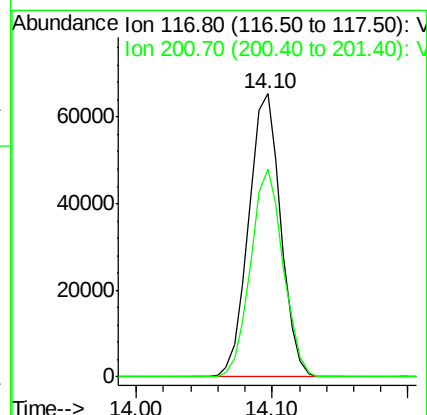
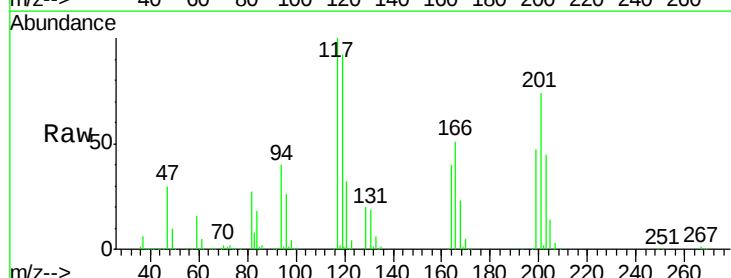
Acq: 23 Jun 2020 12:03

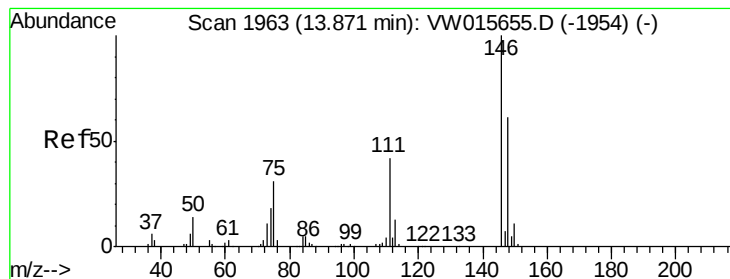
Tgt Ion: 117 Resp: 108130

Ion Ratio Lower Upper

117 100

201 74.3 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 53.015 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

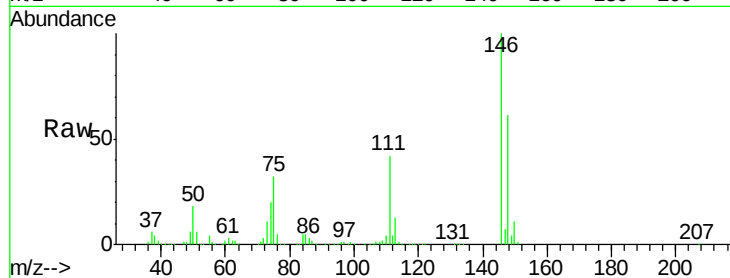
Tgt Ion:146 Resp: 242012

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

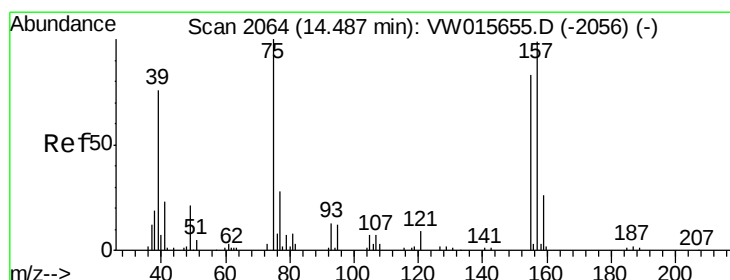
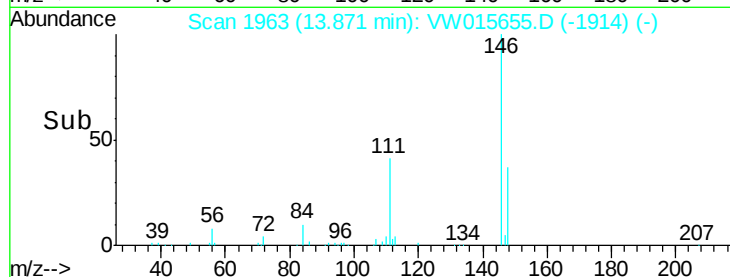
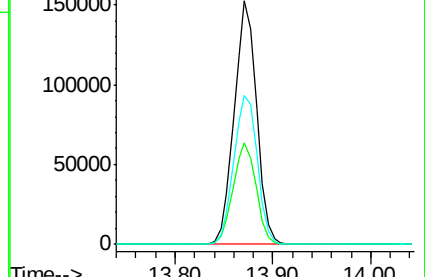
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.908 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

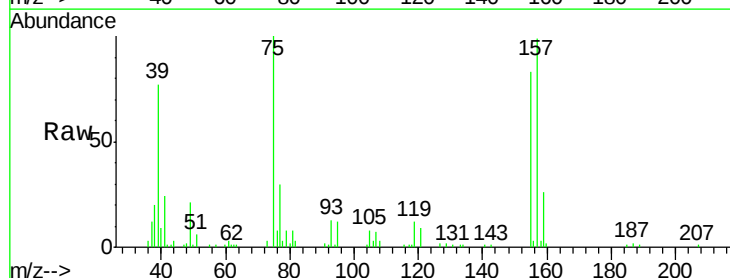
Tgt Ion: 75 Resp: 16154

Ion Ratio Lower Upper

75 100

155 81.5 40.8 122.2

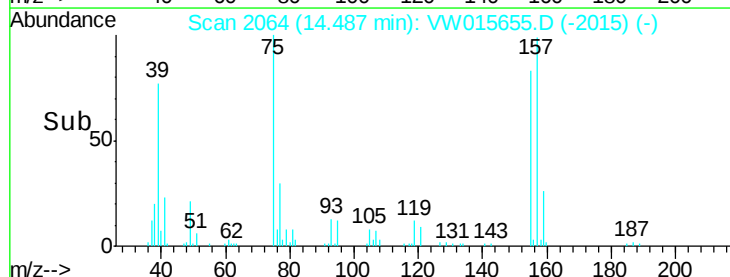
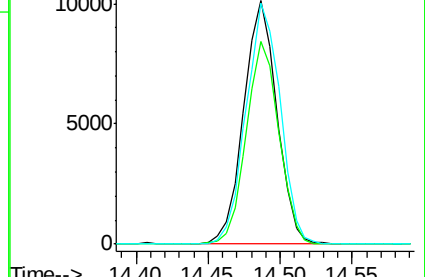
157 101.4 50.7 152.1

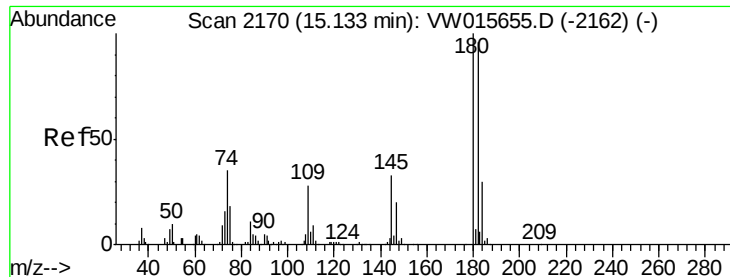


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

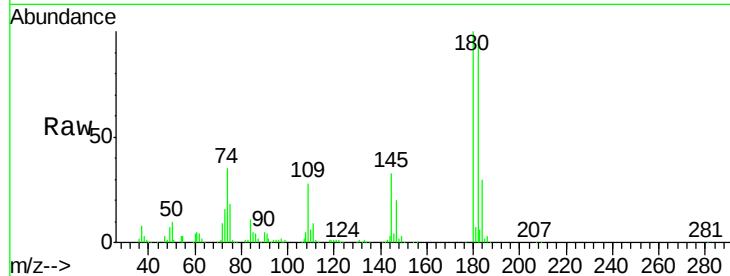




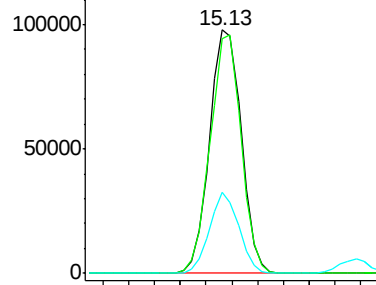
#93
 1,2,4-Trichlorobenzene
 Concen: 52.894 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

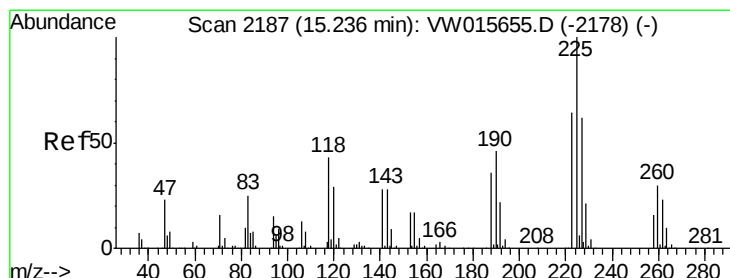
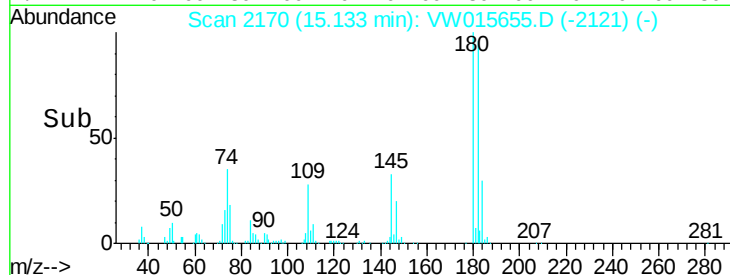
Tgt Ion:180 Resp: 166334
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.6
 145 31.1 15.6 46.7



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

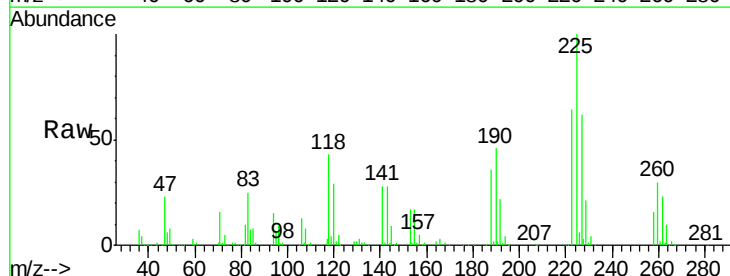


Time-->

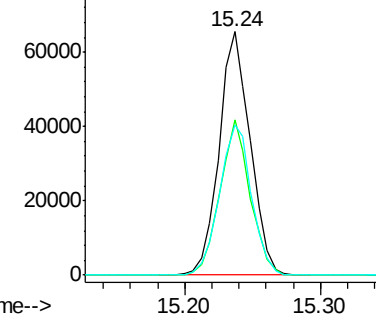


#94
 Hexachlorobutadiene
 Concen: 54.003 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

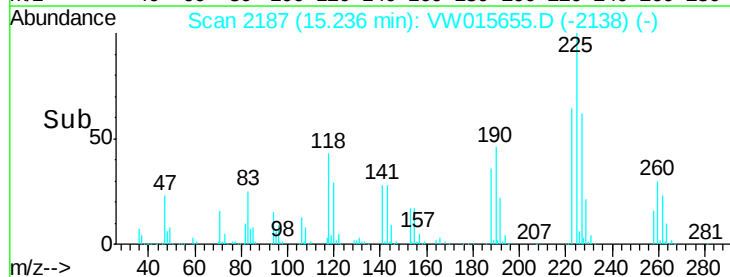
Tgt Ion:225 Resp: 104575
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.0 93.0
 227 63.9 31.9 95.9



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



Time-->

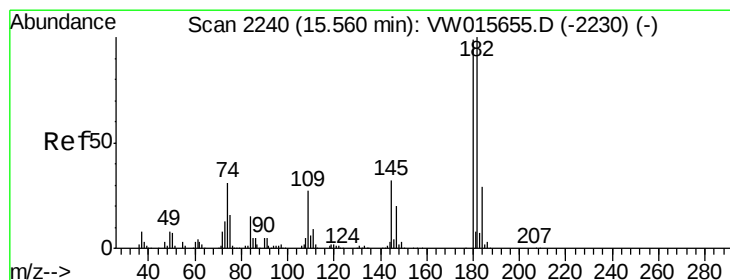
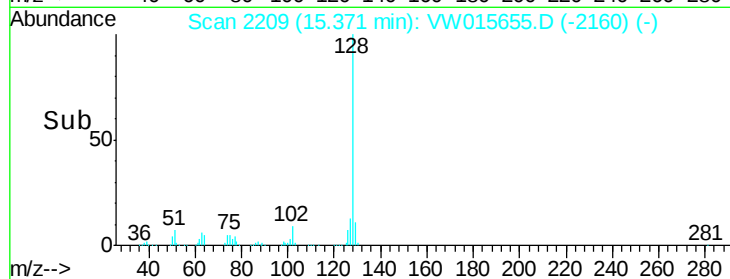
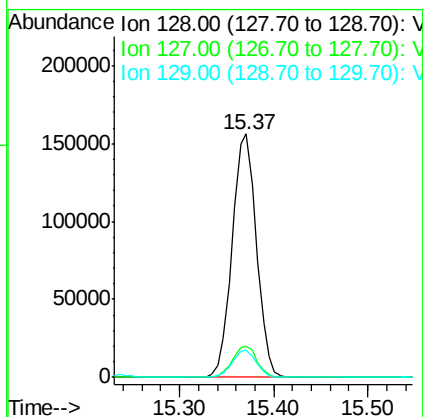
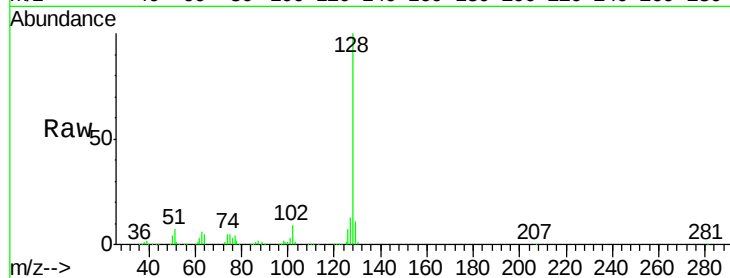




#95
Naphthalene
Concen: 53.399 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 279413
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.516 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion:180 Resp: 138186
Ion Ratio Lower Upper
180 100
182 98.0 49.0 147.0
145 32.8 16.4 49.2

