

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015098.D
 Acq On : 09 Mar 2020 13:25
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

Quant Time: Mar 10 17:43:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	483752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	876905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	776944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	347962	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	325870	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.88	113	246692	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	10.32	98	1086650	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.62	95	362098	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	167287	57.03	ug/l	98
3) Chloromethane	2.21	50	314944	50.03	ug/l	100
4) Vinyl Chloride	2.36	62	403866	49.01	ug/l	99
5) Bromomethane	2.77	94	221280	46.98	ug/l	98
6) Chloroethane	2.92	64	237928	49.85	ug/l	99
7) Trichlorofluoromethane	3.26	101	208467	50.55	ug/l	95
8) Diethyl Ether	3.68	74	155530	49.50	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	306924	48.82	ug/l	99
10) Methyl Iodide	4.27	142	343098	49.06	ug/l	99
11) Tert butyl alcohol	5.16	59	95357	233.27	ug/l	98
12) 1,1-Dichloroethene	4.03	96	310658	50.54	ug/l	95
13) Acrolein	3.89	56	132493	221.61	ug/l	100
14) Allyl chloride	4.67	41	642979	52.20	ug/l	99
15) Acrylonitrile	5.36	53	383000	237.78	ug/l	98
16) Acetone	4.12	43	463431	285.68	ug/l	97
17) Carbon Disulfide	4.38	76	1074416	49.30	ug/l	99
18) Methyl Acetate	4.67	43	175406	45.61	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	401119	50.98	ug/l	99
20) Methylene Chloride	4.92	84	335952	50.80	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	323998	49.65	ug/l	98
22) Diisopropyl ether	6.31	45	1213903	51.36	ug/l	98
23) Vinyl Acetate	6.25	43	3602870	258.24	ug/l	100
24) 1,1-Dichloroethane	6.21	63	670847	48.67	ug/l	99
25) 2-Butanone	7.16	43	571479	256.98	ug/l	98
26) 2,2-Dichloropropane	7.16	77	380495	48.27	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	338583	49.84	ug/l	99
28) Bromochloromethane	7.51	49	325618	49.31	ug/l	99
29) Tetrahydrofuran	7.52	42	339495	244.06	ug/l	99
30) Chloroform	7.67	83	581465	47.54	ug/l	99
31) Cyclohexane	7.95	56	687400	48.49	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	469166	49.13	ug/l	98
36) 1,1-Dichloropropene	8.08	75	516267	50.77	ug/l	99
37) Ethyl Acetate	7.24	43	238122	46.98	ug/l	99
38) Carbon Tetrachloride	8.06	117	412501	49.83	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	617233	53.08	ug/l	97
40) Benzene	8.32	78	1391220	49.23	ug/l	99
41) Methacrylonitrile	7.48	41	149373	55.73	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	414776	48.17	ug/l	100
43) Isopropyl Acetate	8.42	43	440844	48.52	ug/l	99
44) Trichloroethene	9.09	130	295496	49.12	ug/l	98
45) 1,2-Dichloropropane	9.37	63	369024	48.49	ug/l	99
46) Dibromomethane	9.45	93	155256	46.91	ug/l	99
47) Bromodichloromethane	9.64	83	432608	48.96	ug/l	99
48) Methyl methacrylate	9.43	41	225123	48.39	ug/l	94
49) 1,4-Dioxane	9.45	88	51831	1022.97	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1178886	234.89	ug/l	100
52) Toluene	10.38	92	819068	50.45	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	439598	50.57	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	532840	50.32	ug/l	96
55) 1,1,2-Trichloroethane	10.78	97	211933	46.74	ug/l	99
56) Ethyl methacrylate	10.64	69	306332	46.98	ug/l	99
57) 1,3-Dichloropropane	10.93	76	418805	48.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	835193	243.28	ug/l	100
59) 2-Hexanone	10.96	43	825732	239.24	ug/l	100
60) Dibromochloromethane	11.12	129	226378	48.34	ug/l	98
61) 1,2-Dibromoethane	11.23	107	196641	48.92	ug/l	99
64) Tetrachloroethene	10.86	164	218897	48.82	ug/l	98
65) Chlorobenzene	11.65	112	773394	49.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	257502	49.59	ug/l	100
67) Ethyl Benzene	11.73	91	1588897	52.36	ug/l	100
68) m/p-Xylenes	11.83	106	1130448	105.37	ug/l	98
69) o-Xylene	12.16	106	510576	52.83	ug/l	99
70) Styrene	12.18	104	877537	53.00	ug/l	99
71) Bromoform	12.35	173	111798	48.51	ug/l #	98
73) Isopropylbenzene	12.46	105	1453305	54.68	ug/l	99
74) N-amyl acetate	12.27	43	415957	47.38	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	259742	48.12	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	353489	89.89	ug/l #	100
77) Bromobenzene	12.74	156	269784	51.35	ug/l	100
78) n-propylbenzene	12.80	91	1883571	54.53	ug/l	99
79) 2-Chlorotoluene	12.89	91	1028140	52.94	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1217699	53.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	87304	50.14	ug/l	98
82) 4-Chlorotoluene	12.99	91	1078133	52.13	ug/l	100
83) tert-Butylbenzene	13.20	119	1008141	54.45	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1232319	53.93	ug/l	98
85) sec-Butylbenzene	13.38	105	1510895	53.92	ug/l	100
86) p-Isopropyltoluene	13.49	119	1301539	54.04	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	563262	50.60	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	542560	49.50	ug/l	99
89) n-Butylbenzene	13.82	91	1420910	54.70	ug/l	100
90) Hexachloroethane	14.09	117	242500	50.20	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	486274	49.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	44006	50.77	ug/l	96

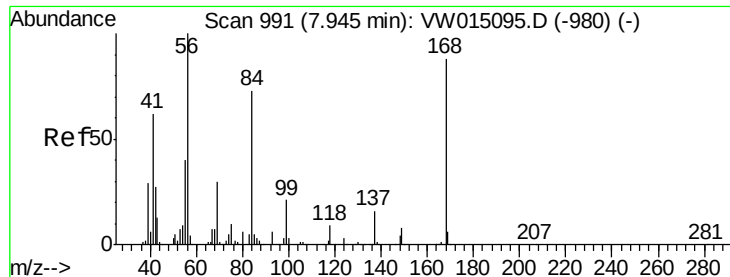
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	306832	55.00	ug/l	100
94) Hexachlorobutadiene	15.23	225	180640	51.57	ug/l	97
95) Naphthalene	15.36	128	611137	50.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	275819	55.74	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

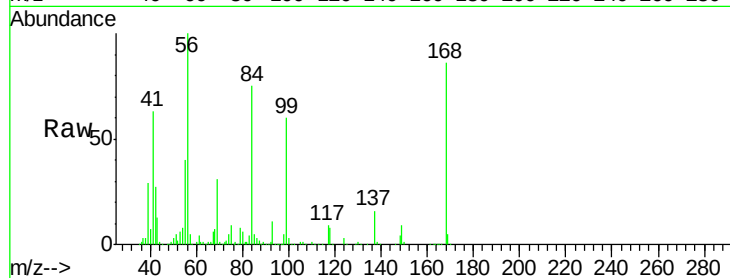
ICVW030920

Tgt Ion:168 Resp: 483752

Ion Ratio Lower Upper

168 100

99 70.0 57.2 85.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

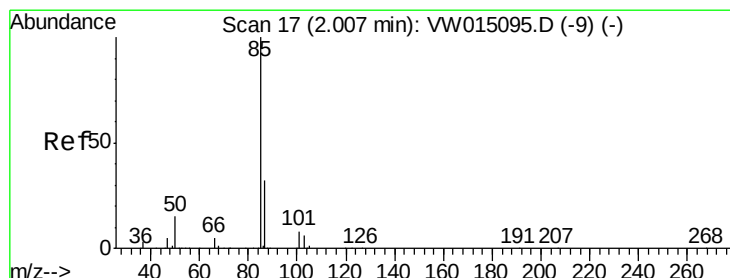
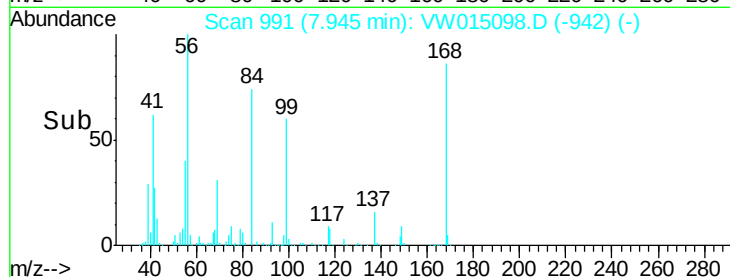
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 57.03 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW015098.D

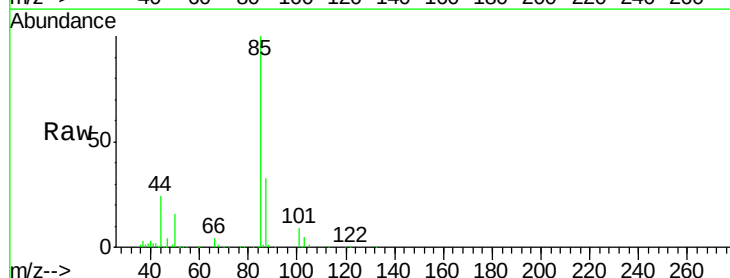
Acq: 09 Mar 2020 13:25

Tgt Ion: 85 Resp: 167287

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

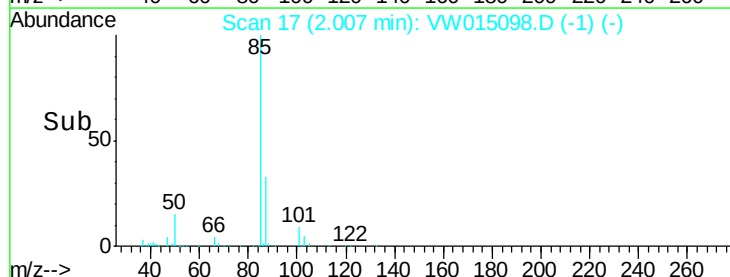
40000

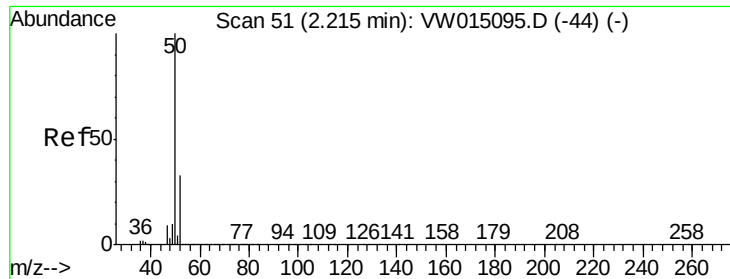
20000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 50.03 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

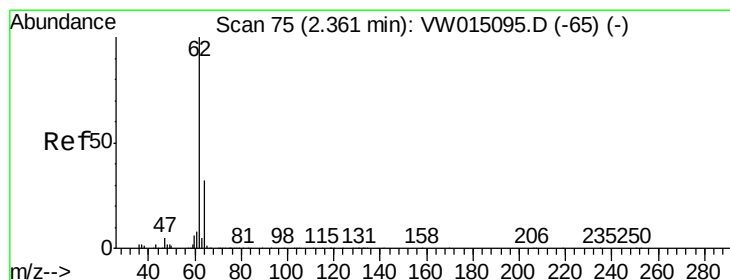
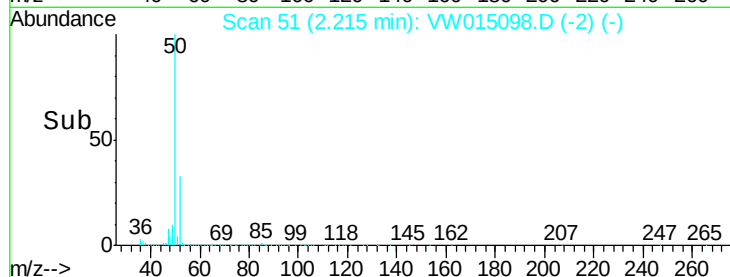
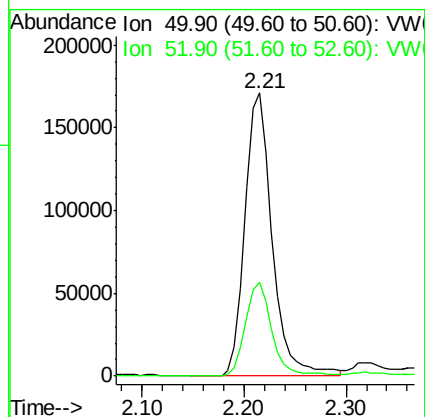
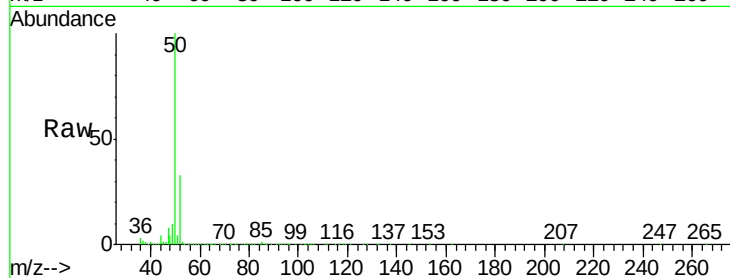
ICVW030920

Tgt Ion: 50 Resp: 314944

Ion Ratio Lower Upper

50 100

52 33.1 26.6 40.0



#4

Vinyl Chloride

Concen: 49.01 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015098.D

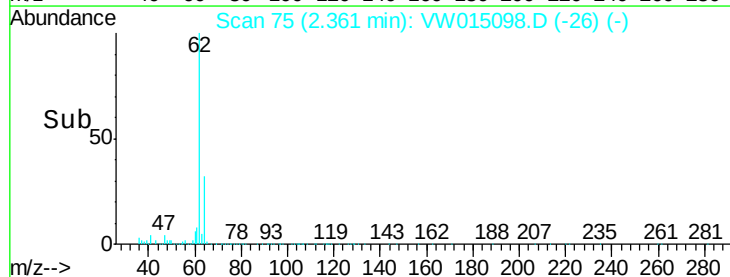
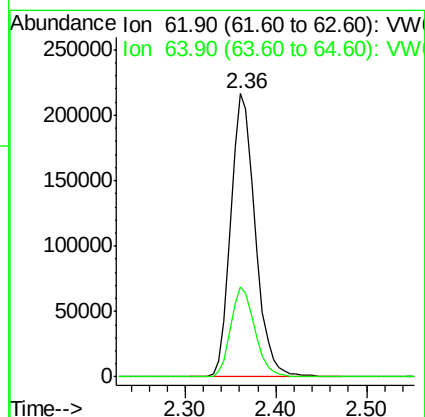
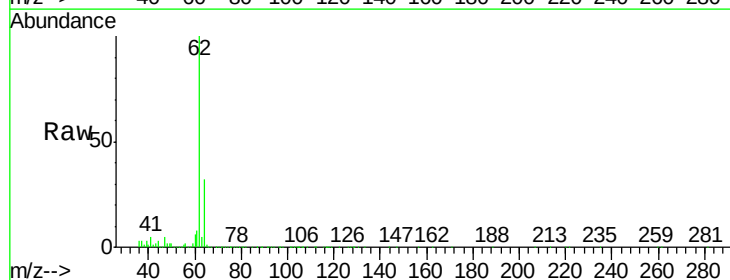
Acq: 09 Mar 2020 13:25

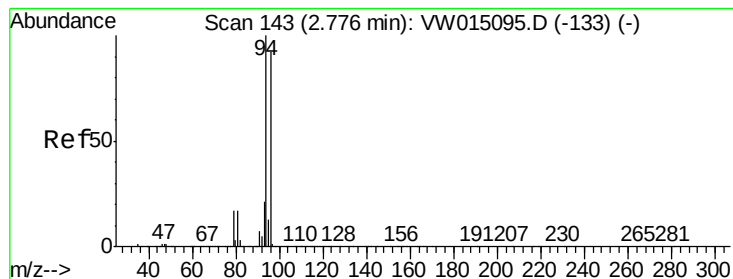
Tgt Ion: 62 Resp: 403866

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 46.98 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

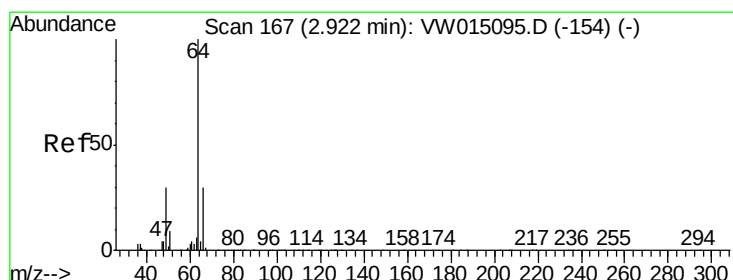
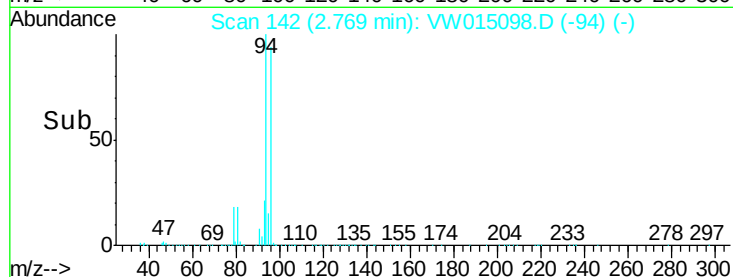
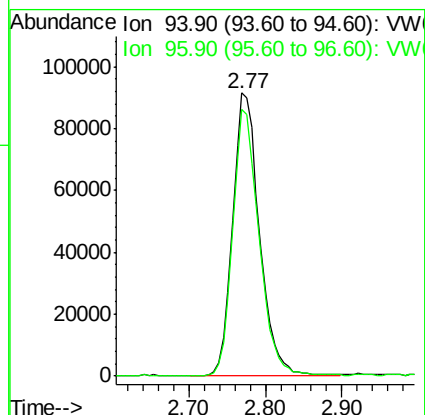
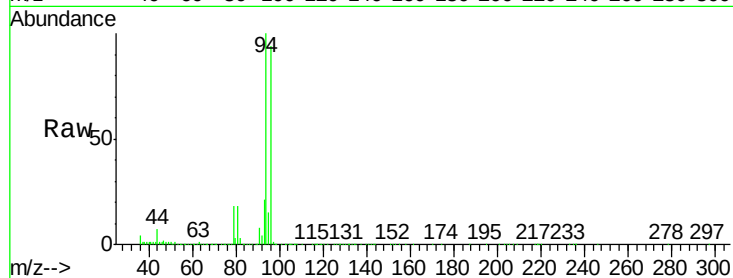
ICVW030920

Tgt Ion: 94 Resp: 221280

Ion Ratio Lower Upper

94 100

96 94.1 74.0 111.0



#6

Chloroethane

Concen: 49.85 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW015098.D

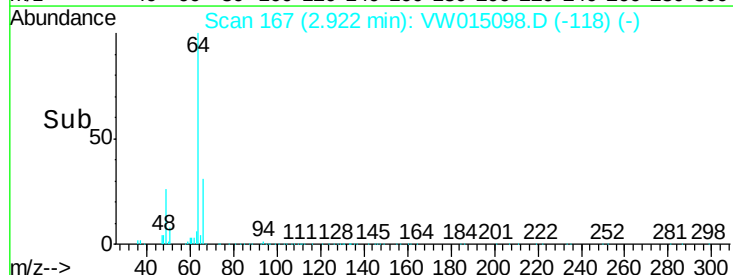
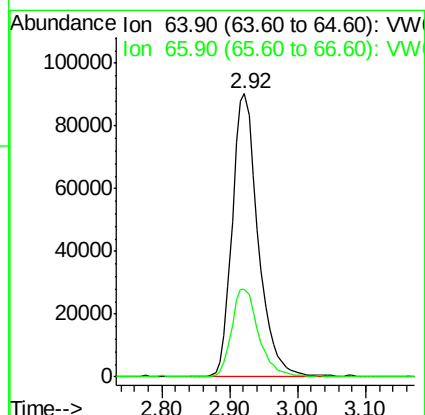
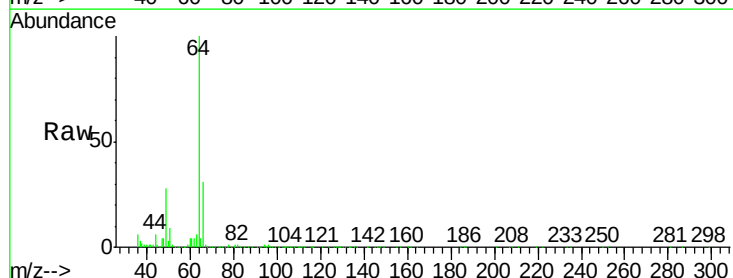
Acq: 09 Mar 2020 13:25

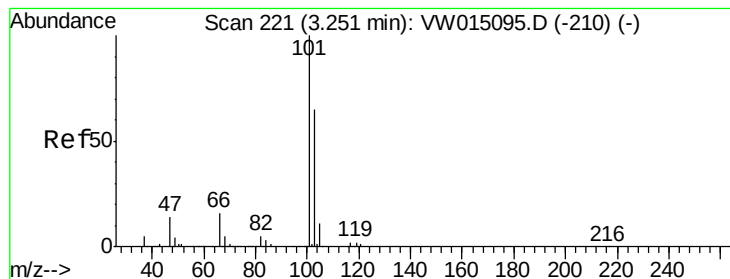
Tgt Ion: 64 Resp: 237928

Ion Ratio Lower Upper

64 100

66 30.8 24.2 36.2



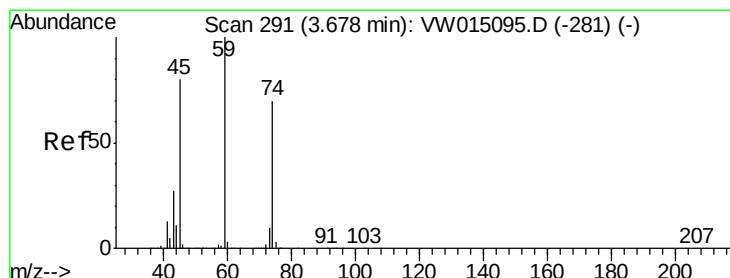
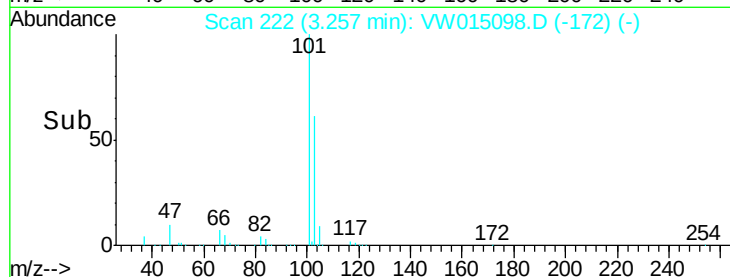
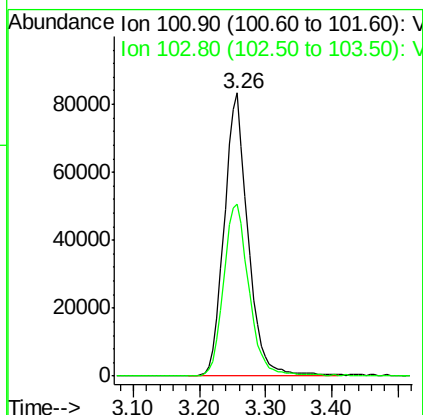
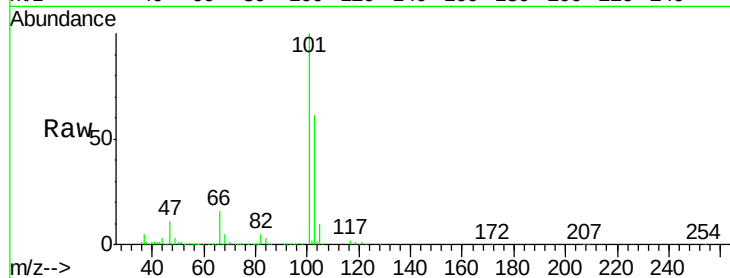


#7

Trichlorofluoromethane
Concen: 50.55 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW015098.D
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MSVOA_W
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ICVW030920

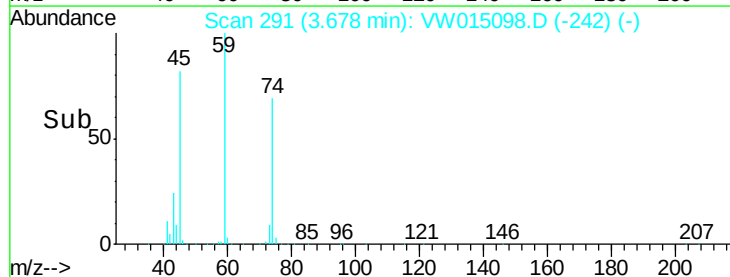
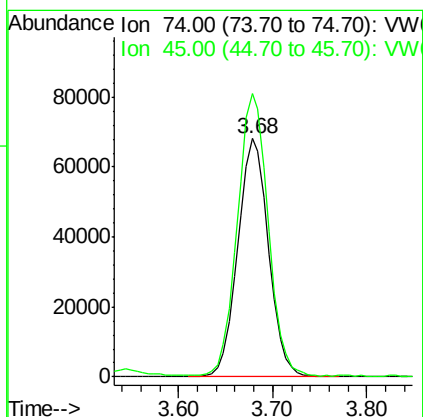
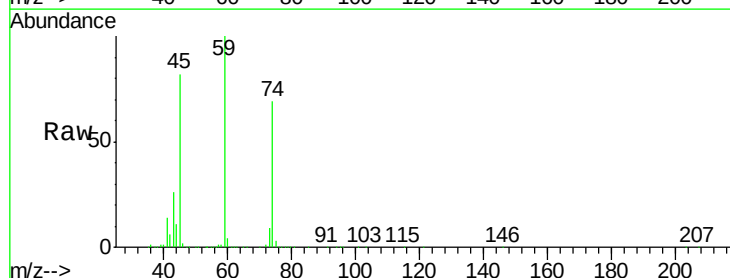
Tgt Ion:101 Resp: 208467
Ion Ratio Lower Upper
101 100
103 60.7 51.8 77.6

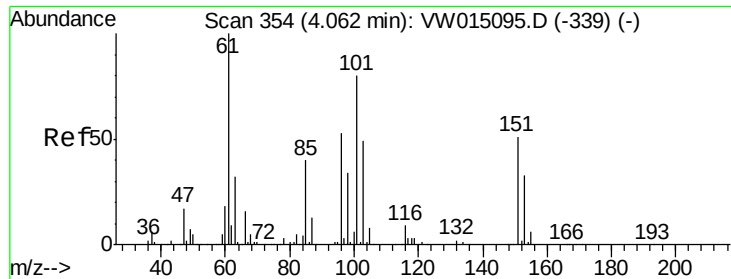


#8

Diethyl Ether
Concen: 49.50 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion: 74 Resp: 155530
Ion Ratio Lower Upper
74 100
45 118.6 59.2 177.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.82 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

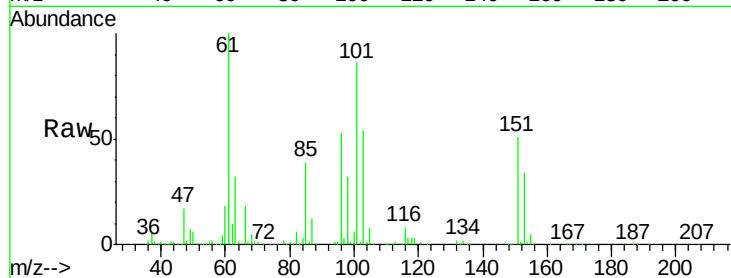
Tgt Ion:101 Resp: 306924

Ion Ratio Lower Upper

101 100

85 46.9 39.0 58.4

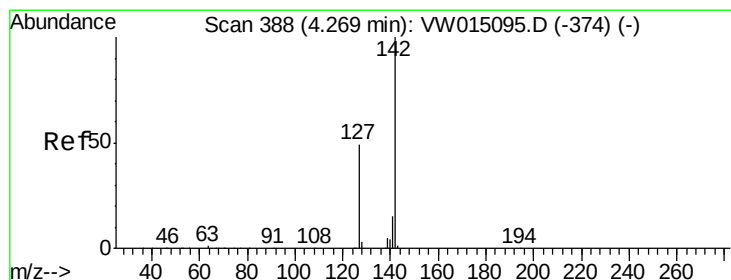
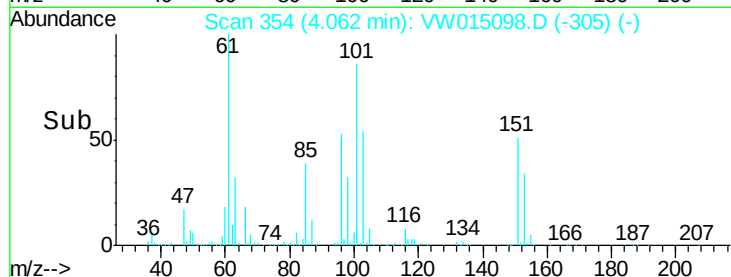
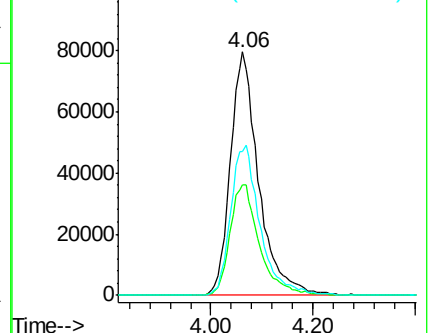
151 63.9 50.8 76.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.06 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

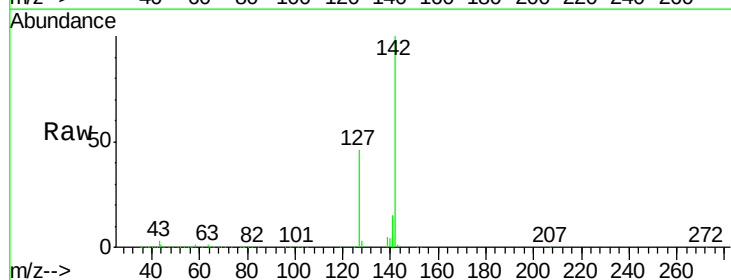
Tgt Ion:142 Resp: 343098

Ion Ratio Lower Upper

142 100

127 47.1 38.2 57.4

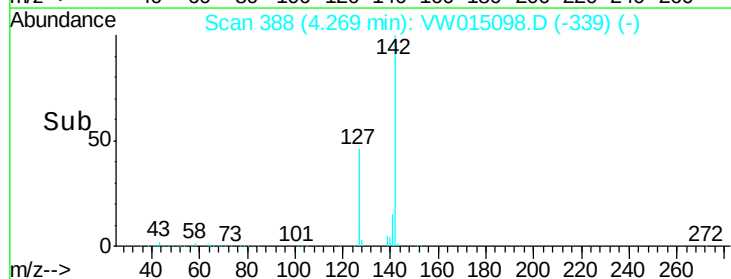
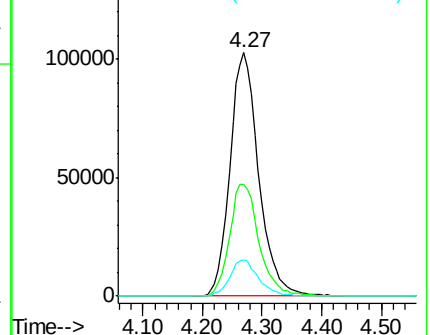
141 14.9 12.0 18.0

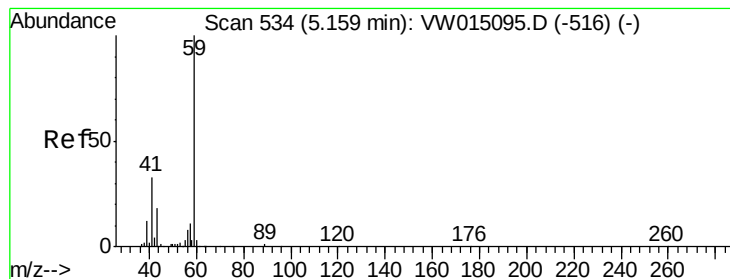


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 233.27 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

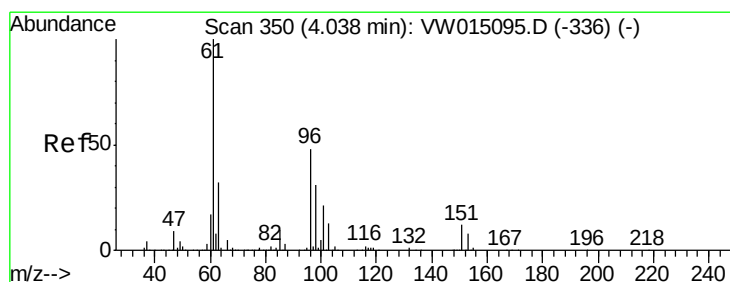
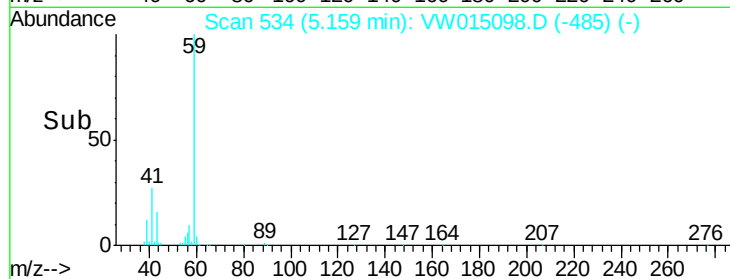
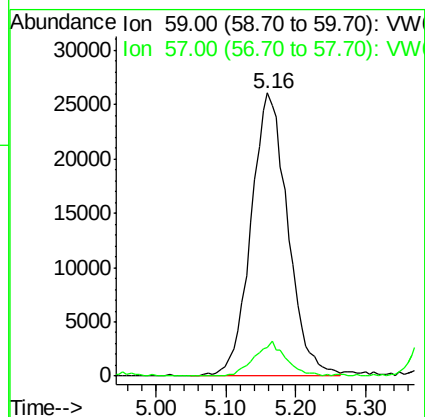
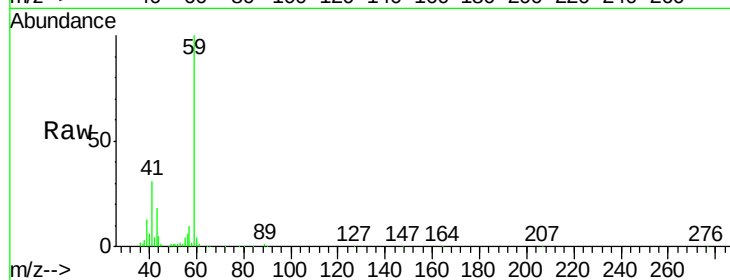
ICVW030920

Tgt Ion: 59 Resp: 95357

Ion Ratio Lower Upper

59 100

57 10.6 9.1 13.7



#12

1,1-Dichloroethene

Concen: 50.54 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

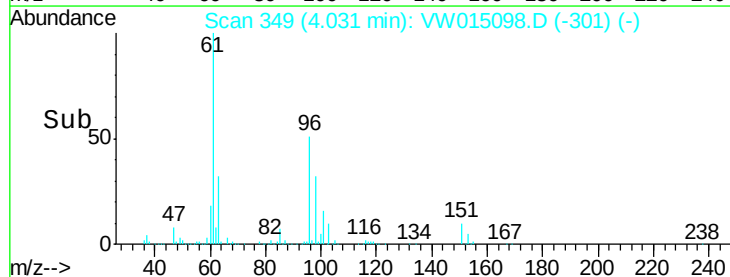
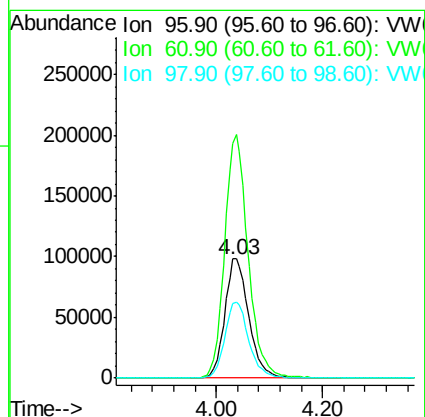
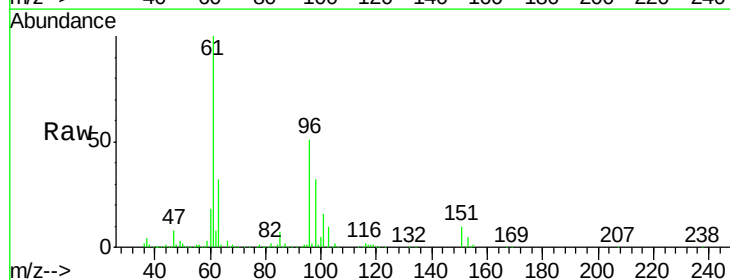
Tgt Ion: 96 Resp: 310658

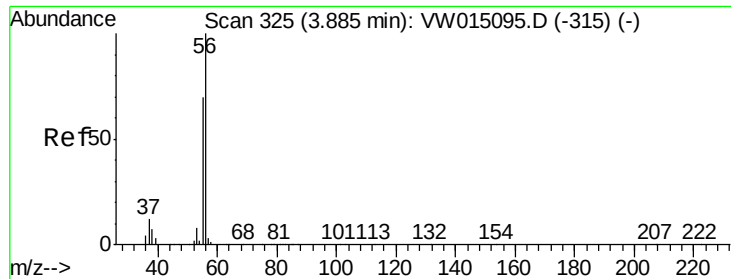
Ion Ratio Lower Upper

96 100

61 197.1 165.5 248.3

98 63.0 51.1 76.7

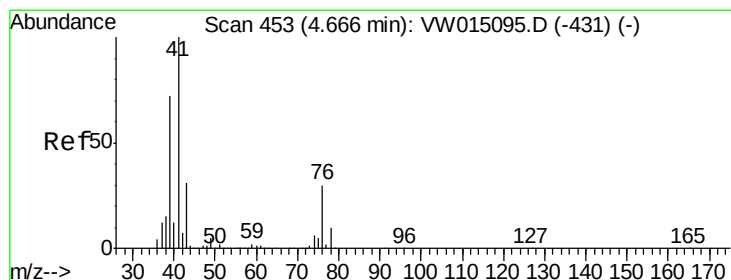
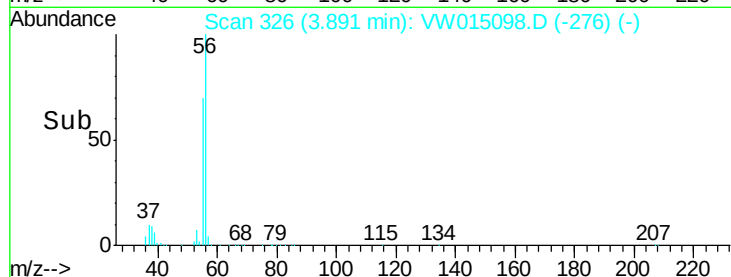
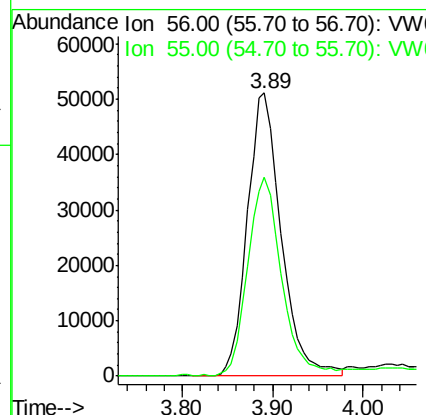
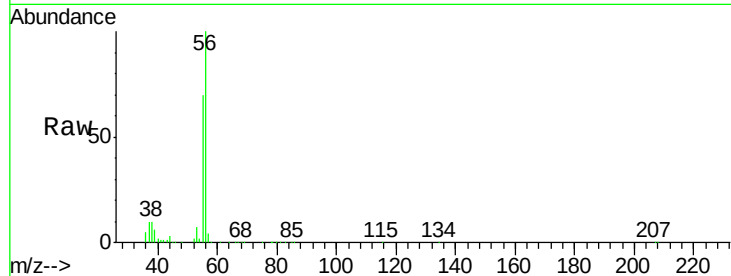




#13
 Acrolein
 Concen: 221.61 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

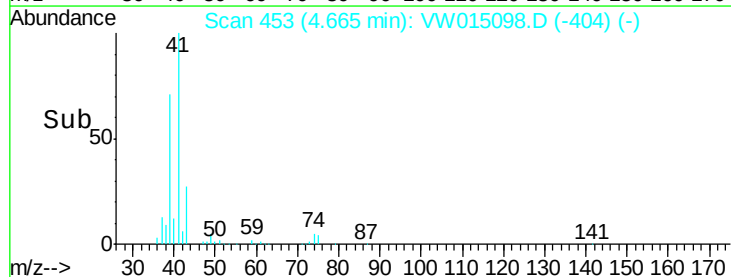
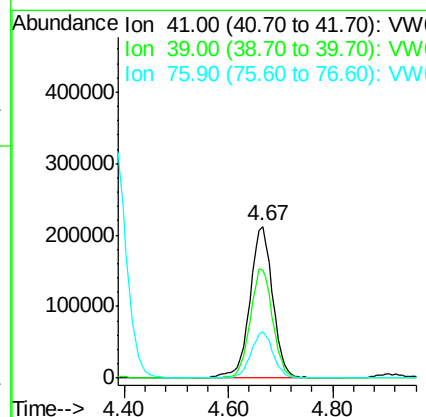
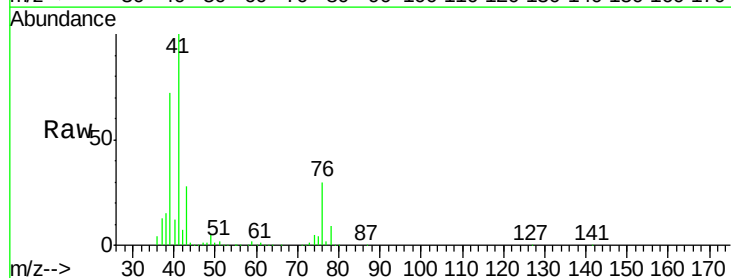
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

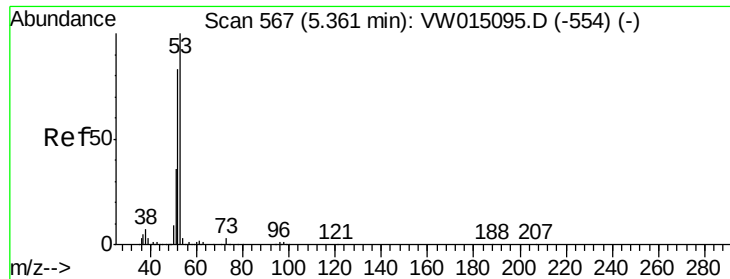
Tgt Ion: 56 Resp: 132493
 Ion Ratio Lower Upper
 56 100
 55 69.2 55.4 83.2



#14
 Allyl chloride
 Concen: 52.20 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 41 Resp: 642979
 Ion Ratio Lower Upper
 41 100
 39 70.1 56.9 85.3
 76 28.8 23.2 34.8





#15

Acrylonitrile

Concen: 237.78 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

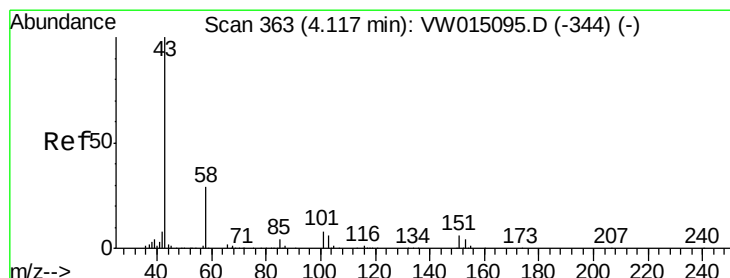
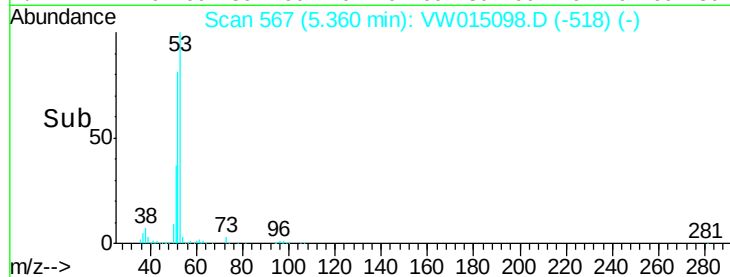
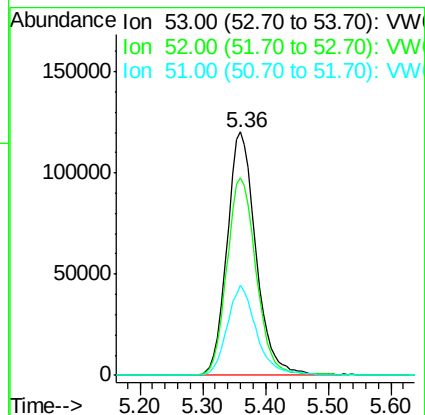
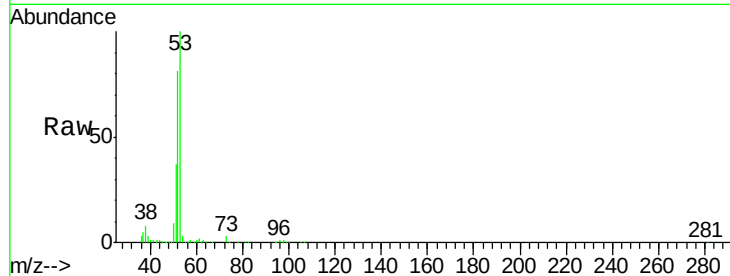
Tgt Ion: 53 Resp: 383000

Ion Ratio Lower Upper

53 100

52 82.1 67.2 100.8

51 37.6 29.8 44.6



#16

Acetone

Concen: 285.68 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW015098.D

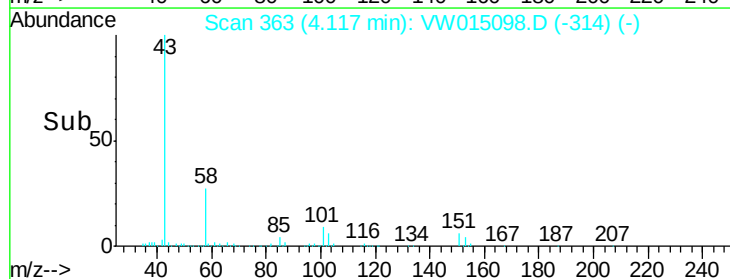
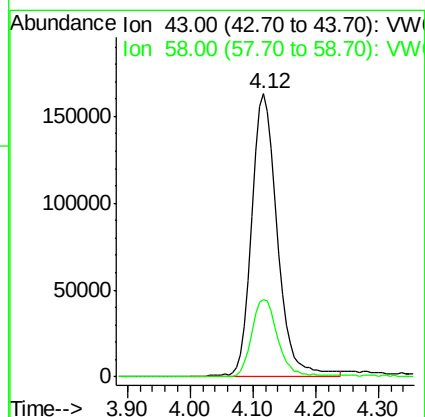
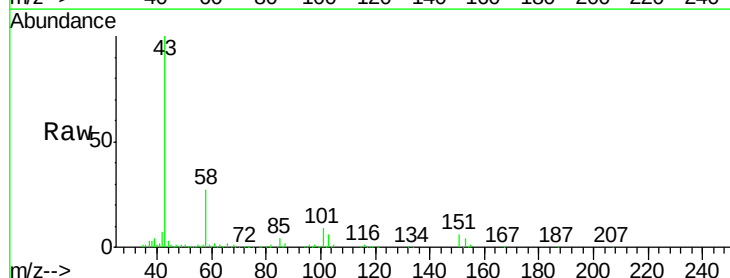
Acq: 09 Mar 2020 13:25

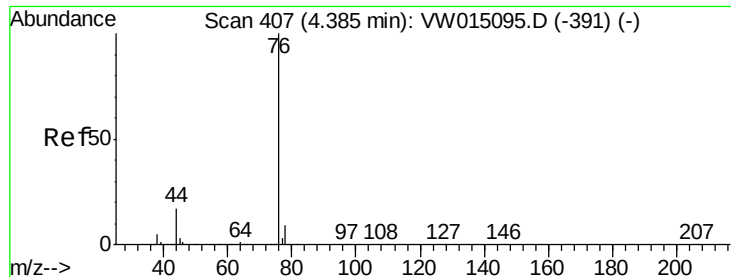
Tgt Ion: 43 Resp: 463431

Ion Ratio Lower Upper

43 100

58 27.0 22.9 34.3

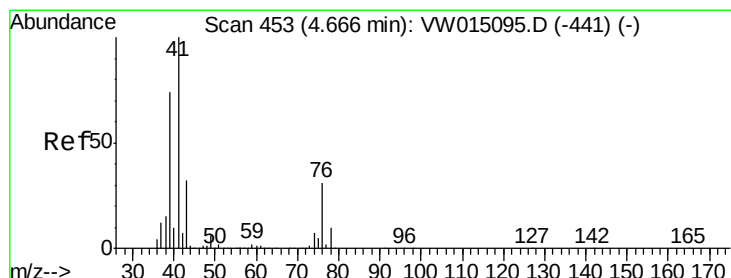
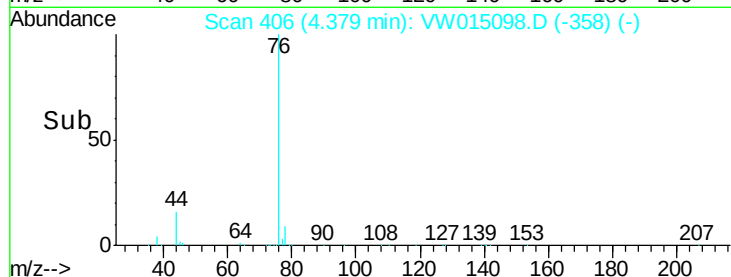
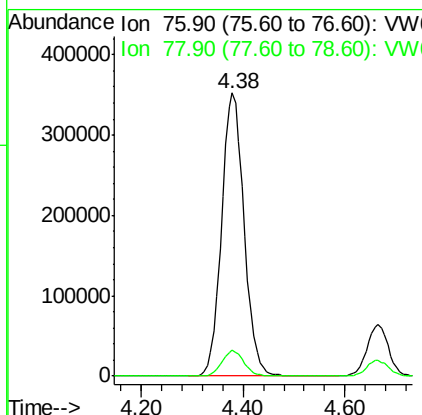
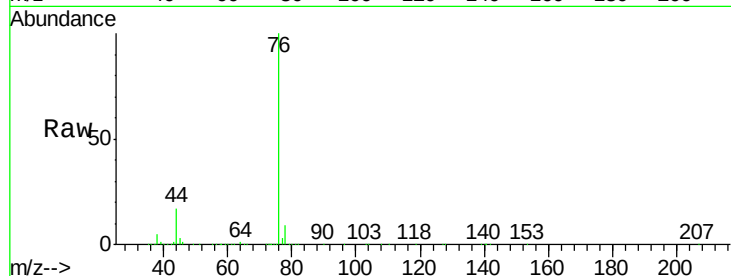




#17
Carbon Disulfide
Concen: 49.30 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

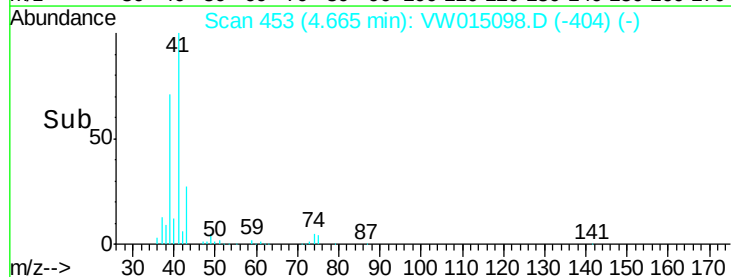
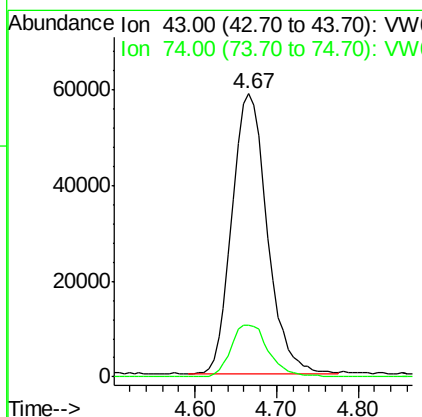
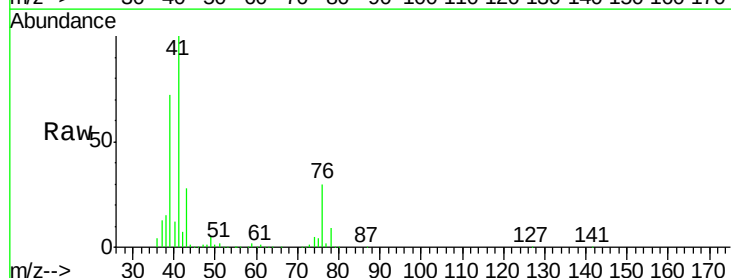
Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

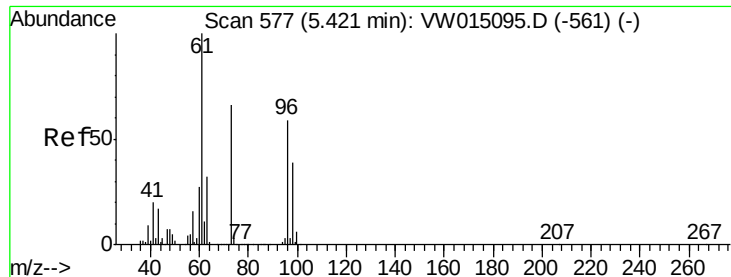
Tgt Ion: 76 Resp: 1074416
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 45.61 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion: 43 Resp: 175406
Ion Ratio Lower Upper
43 100
74 20.1 15.8 23.6

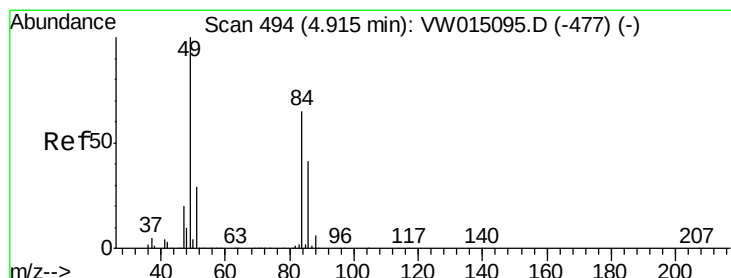
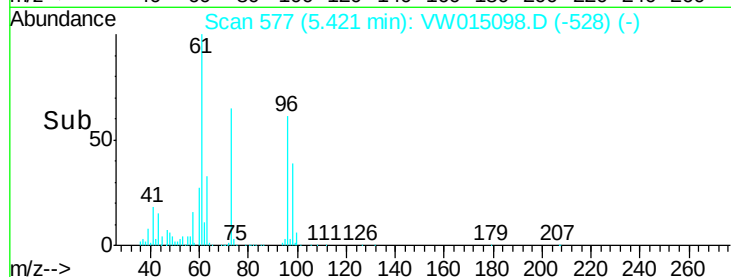
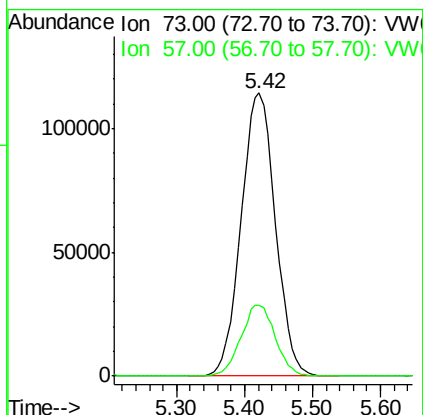
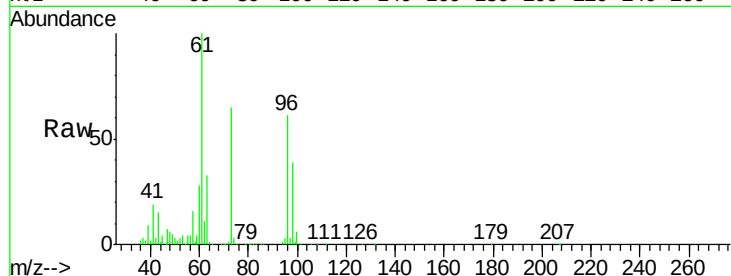




#19
Methyl tert-butyl Ether
Concen: 50.98 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

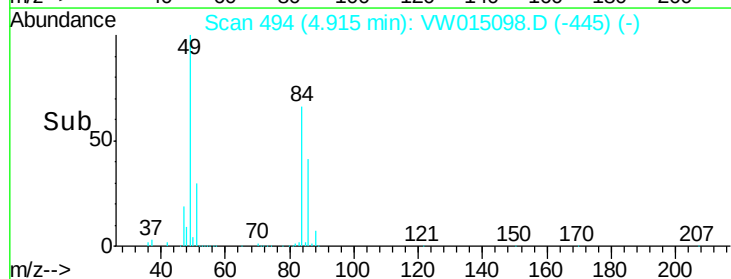
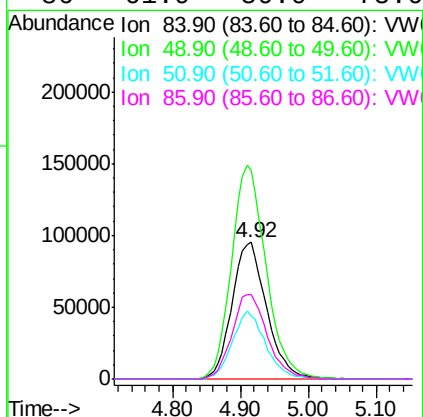
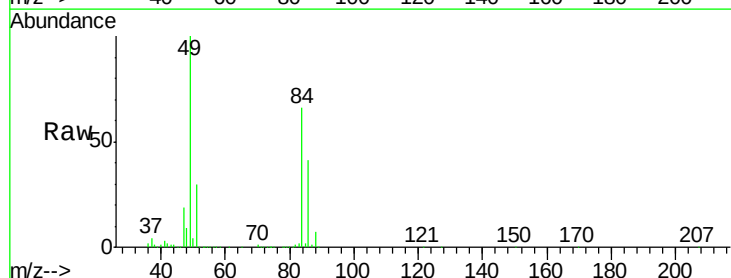
Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

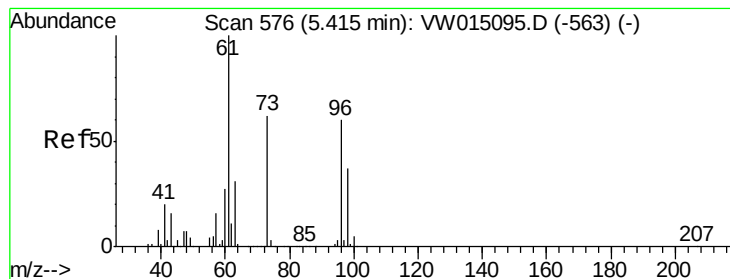
Tgt Ion: 73 Resp: 401119
Ion Ratio Lower Upper
73 100
57 24.8 19.3 28.9



#20
Methylene Chloride
Concen: 50.80 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion: 84 Resp: 335952
Ion Ratio Lower Upper
84 100
49 152.4 122.8 184.2
51 45.4 35.9 53.9
86 61.9 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 49.65 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

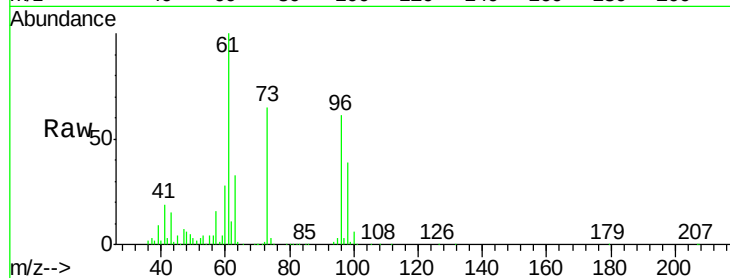
Tgt Ion: 96 Resp: 323998

Ion Ratio Lower Upper

96 100

61 164.5 132.5 198.7

98 64.2 48.9 73.3

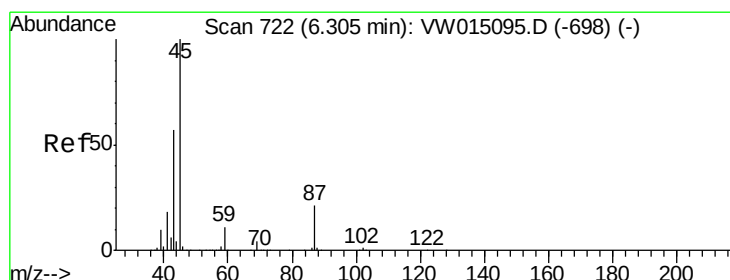
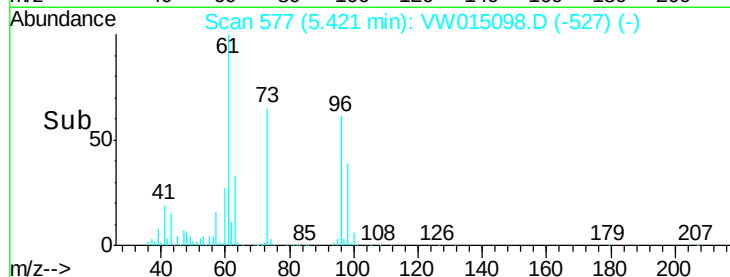
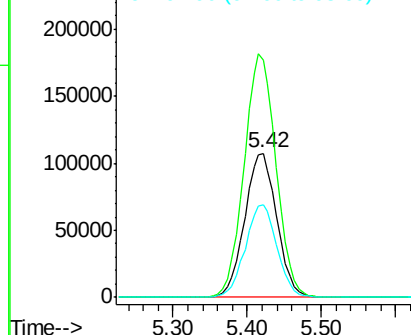


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 51.36 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Tgt Ion: 45 Resp: 1213903

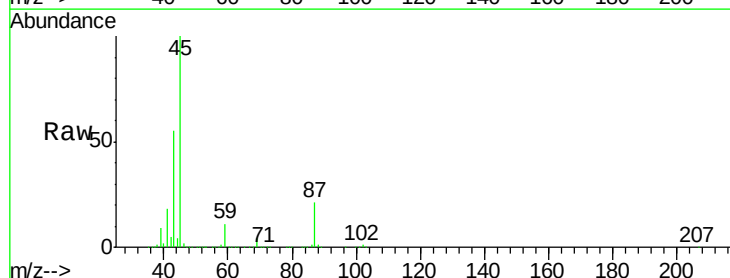
Ion Ratio Lower Upper

45 100

43 55.2 45.4 68.0

87 20.8 16.4 24.6

59 10.5 8.4 12.6



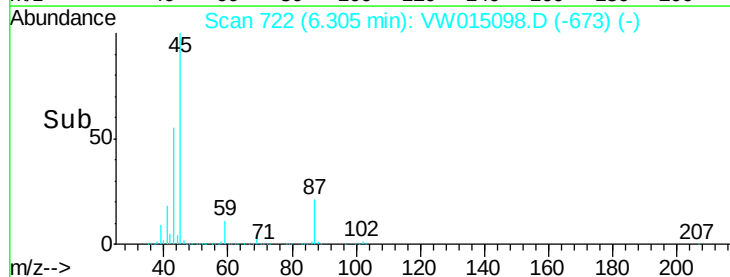
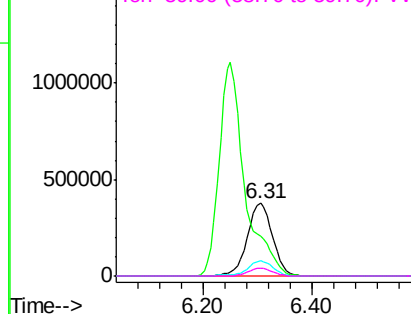
Abundance

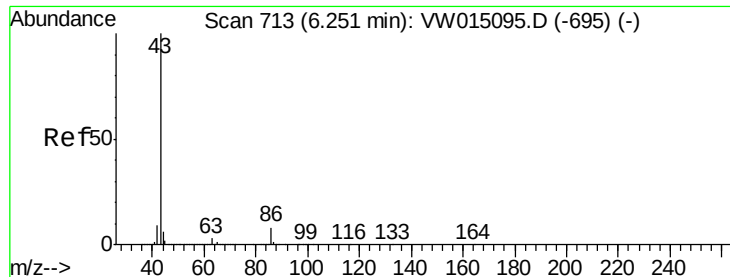
Ion 45.00 (44.70 to 45.70): VW

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: 258.24 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

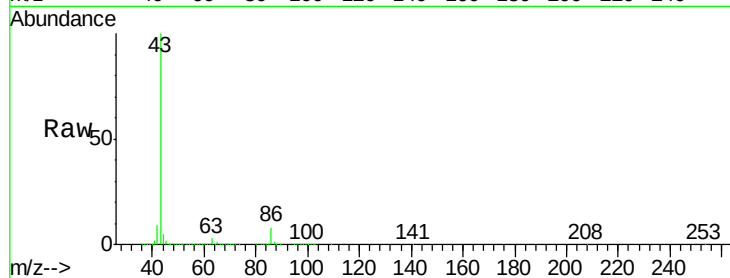
ICVW030920

Tgt Ion: 43 Resp: 3602870

Ion Ratio Lower Upper

43 100

86 8.1 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

1200000

1000000

800000

600000

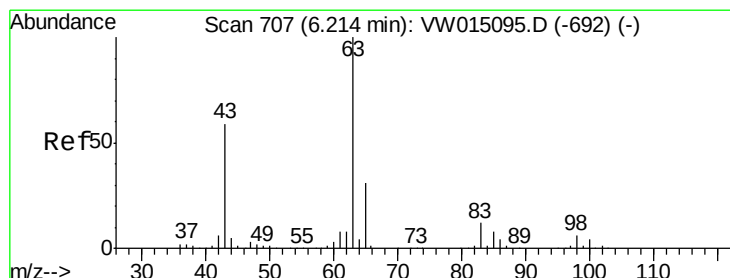
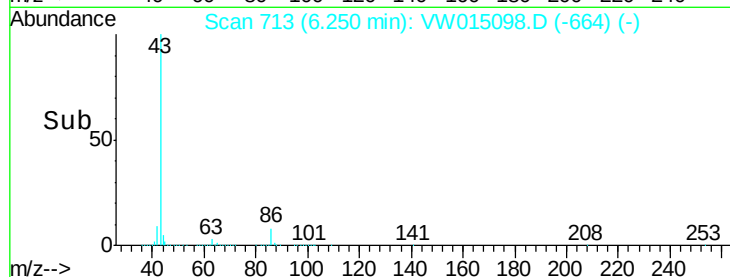
400000

200000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 48.67 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

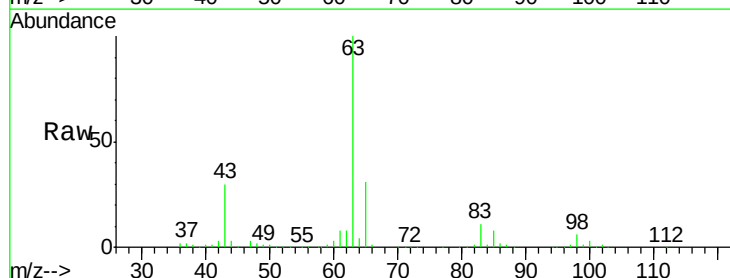
Tgt Ion: 63 Resp: 670847

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.4 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

300000

250000

200000

150000

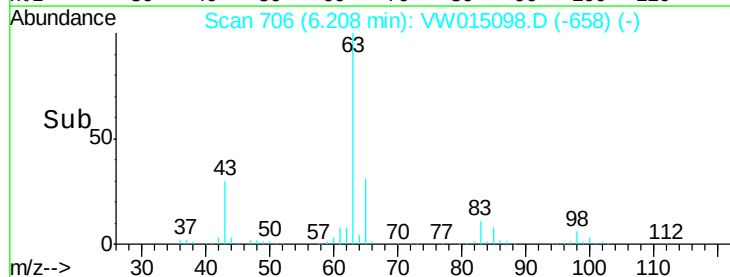
100000

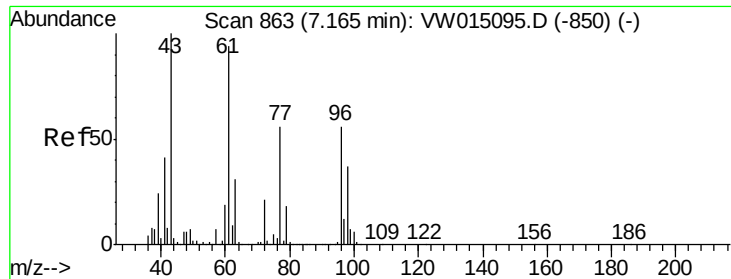
50000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 256.98 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampled :

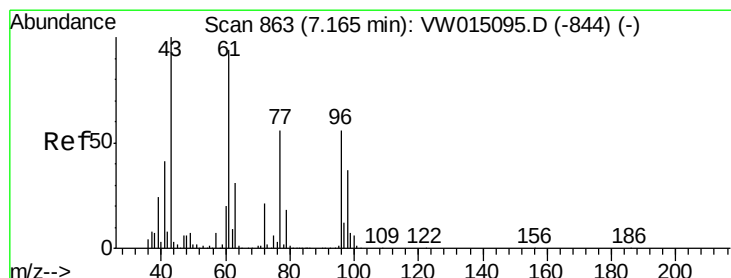
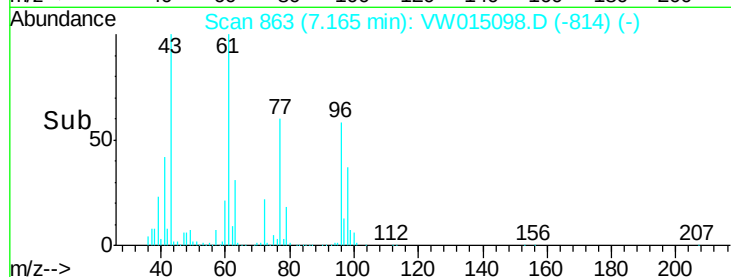
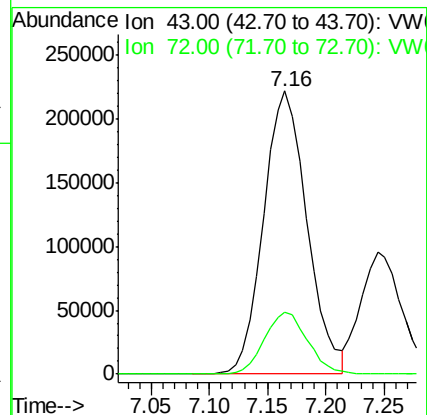
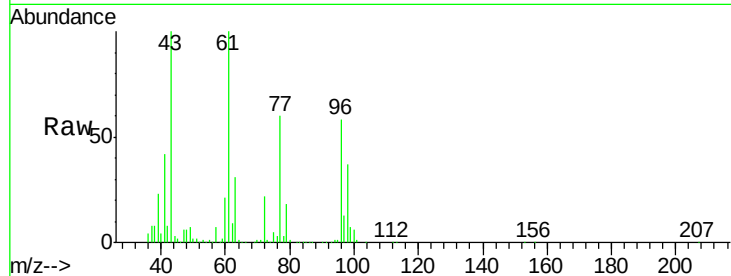
ICVW030920

Tgt Ion: 43 Resp: 571479

Ion Ratio Lower Upper

43 100

72 22.0 17.0 25.6



#26

2,2-Dichloropropane

Concen: 48.27 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015098.D

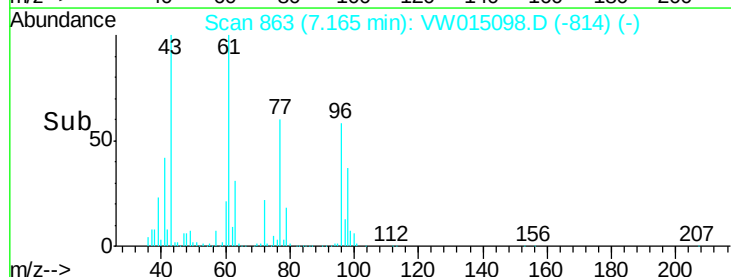
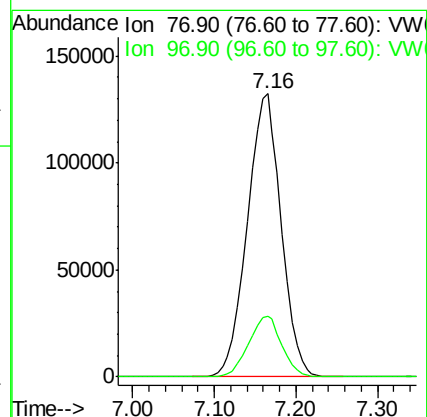
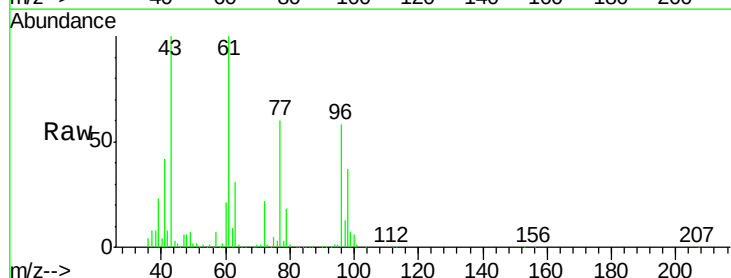
Acq: 09 Mar 2020 13:25

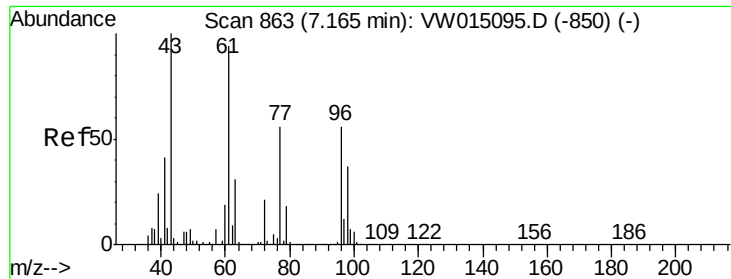
Tgt Ion: 77 Resp: 380495

Ion Ratio Lower Upper

77 100

97 21.1 10.6 31.8

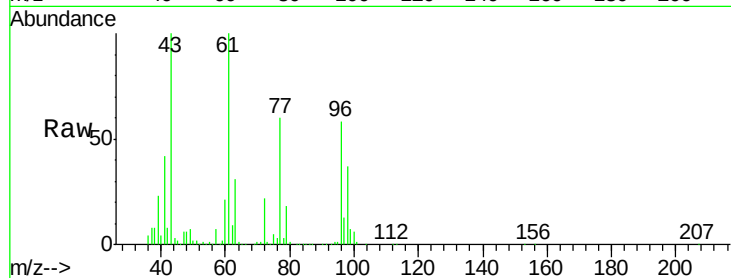




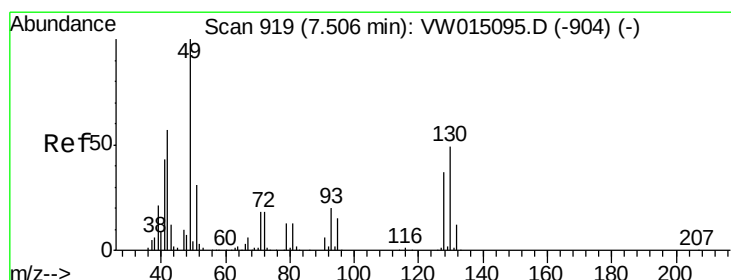
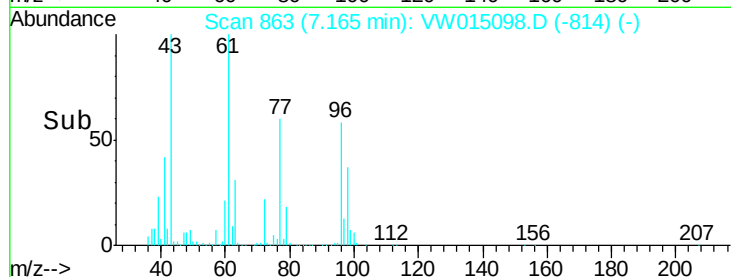
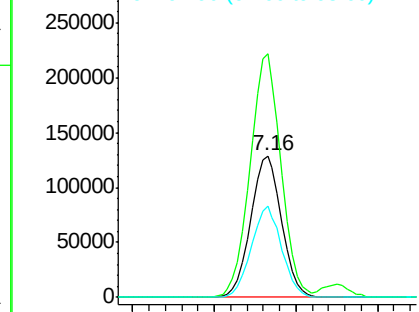
#27
 cis-1,2-Dichloroethene
 Concen: 49.84 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

Tgt Ion: 96 Resp: 338583
 Ion Ratio Lower Upper
 96 100
 61 172.6 0.0 343.4
 98 63.3 0.0 127.6

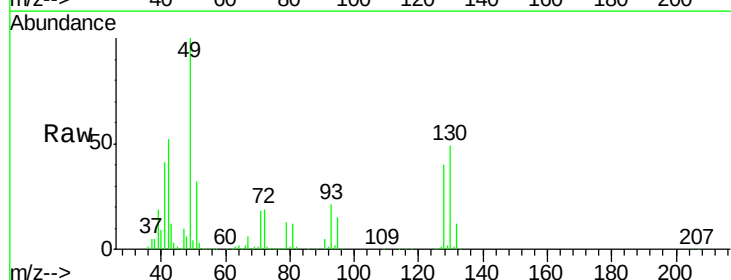


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

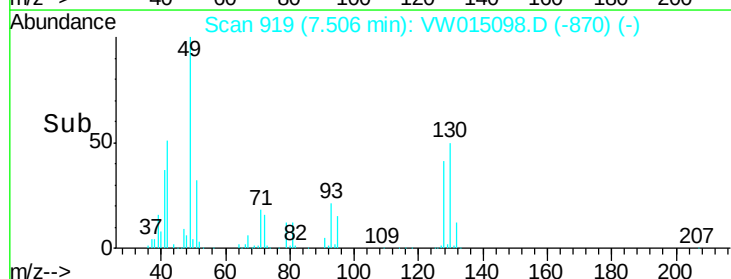
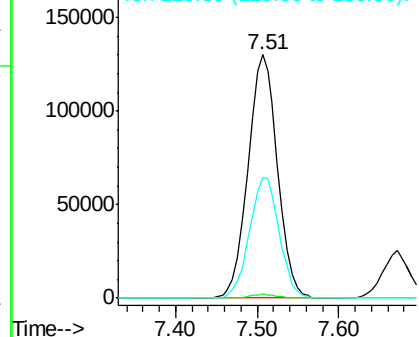


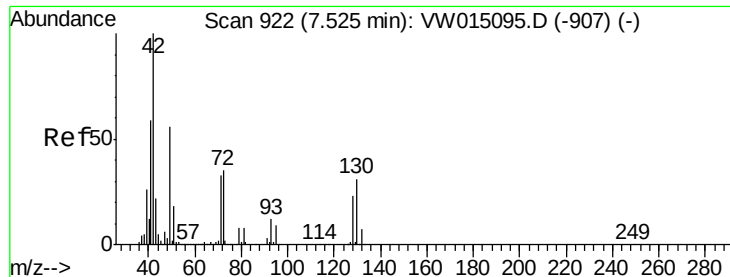
#28
 Bromochloromethane
 Concen: 49.31 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 49 Resp: 325618
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 50.2 39.8 59.6



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





#29

Tetrahydrofuran

Concen: 244.06 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

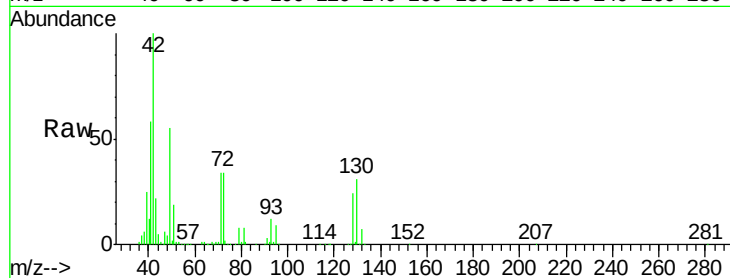
Tgt Ion: 42 Resp: 339495

Ion Ratio Lower Upper

42 100

72 35.2 27.8 41.6

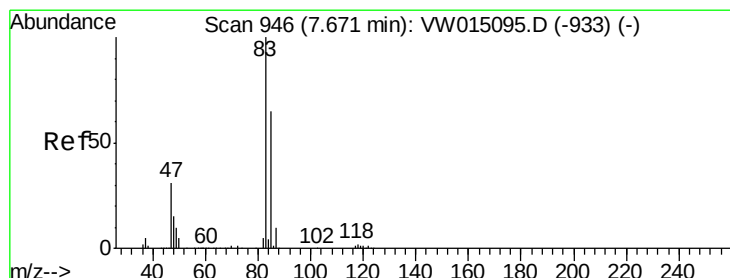
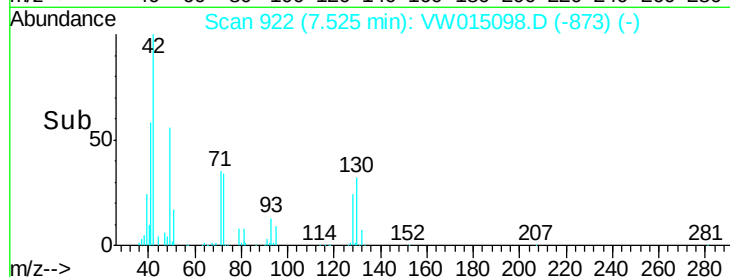
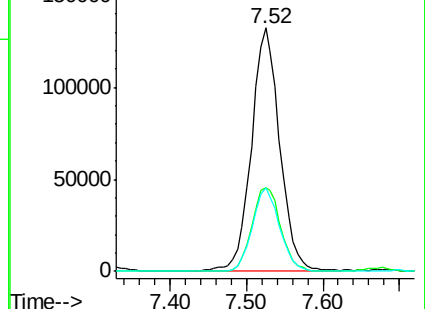
71 33.4 26.4 39.6



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 47.54 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW015098.D

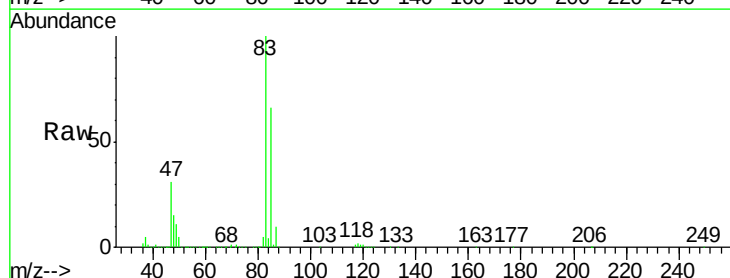
Acq: 09 Mar 2020 13:25

Tgt Ion: 83 Resp: 581465

Ion Ratio Lower Upper

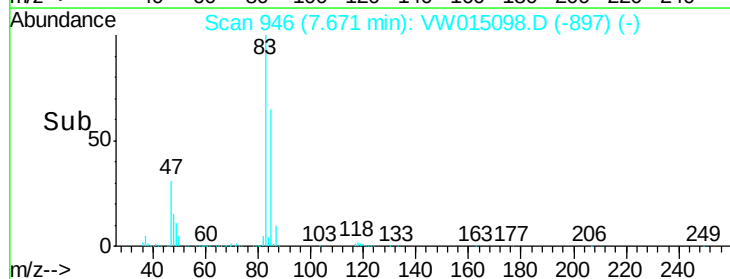
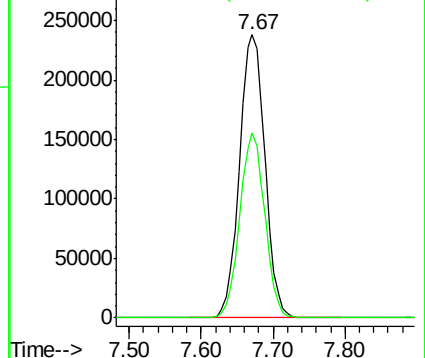
83 100

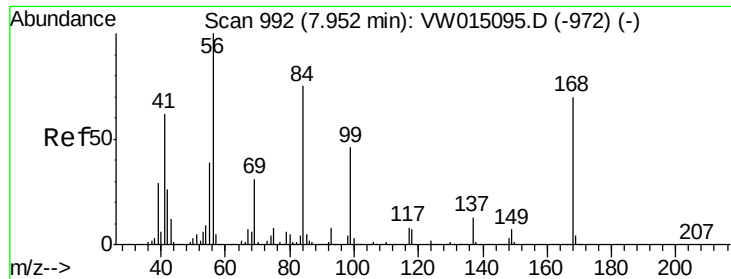
85 65.5 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

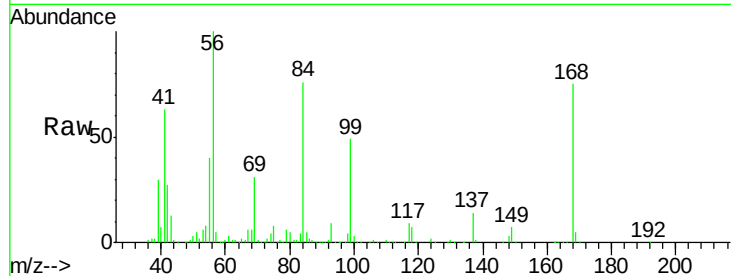




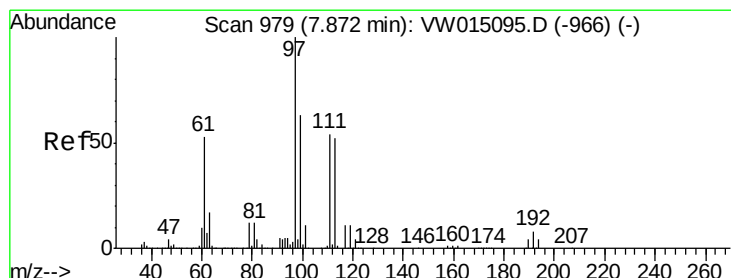
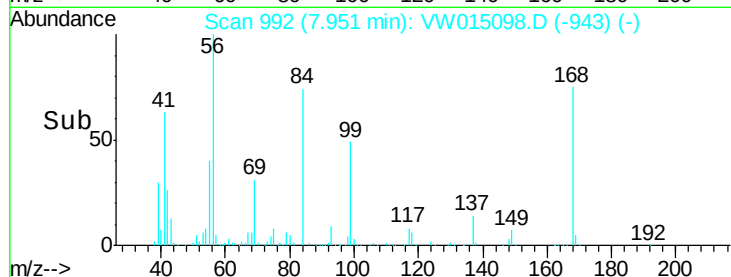
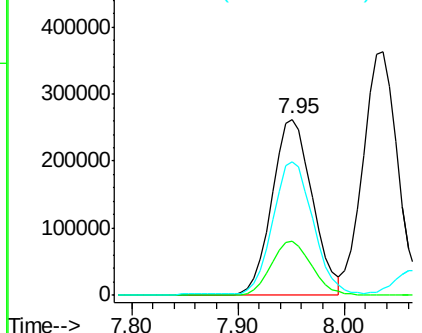
#31
Cyclohexane
Concen: 48.49 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

Tgt Ion: 56 Resp: 687400
Ion Ratio Lower Upper
56 100
69 30.6 24.6 37.0
84 75.2 59.9 89.9

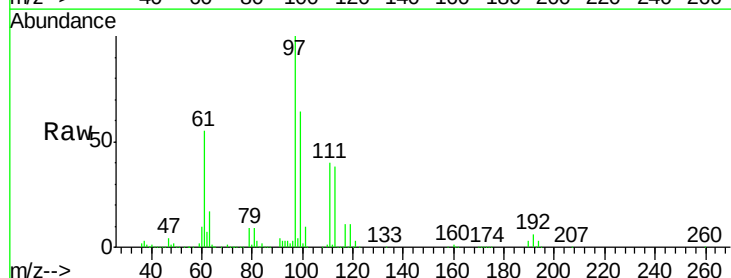


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

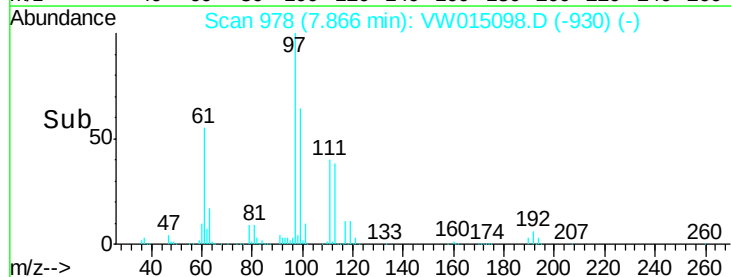
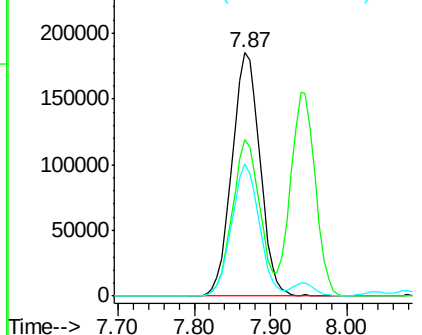


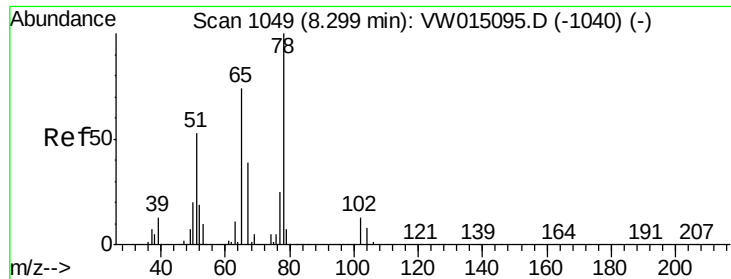
#32
1,1,1-Trichloroethane
Concen: 49.13 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion: 97 Resp: 469166
Ion Ratio Lower Upper
97 100
99 62.7 51.3 76.9
61 54.0 44.0 66.0



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

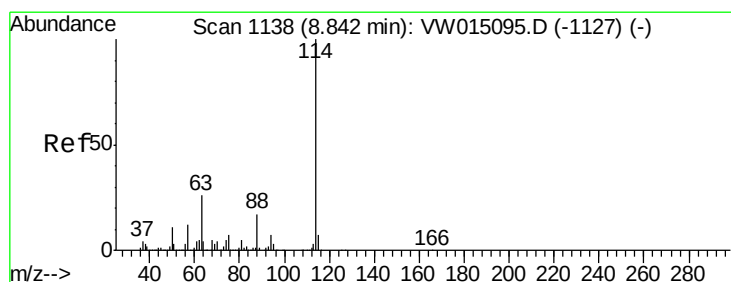
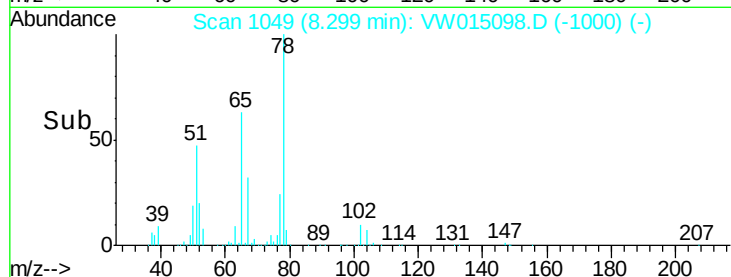
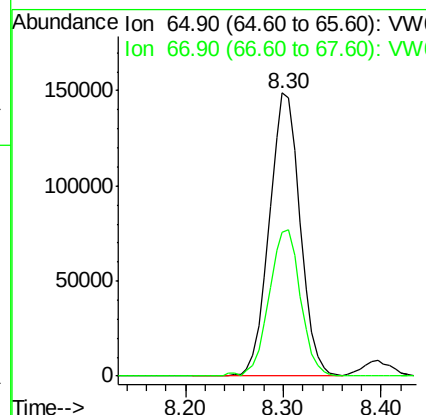
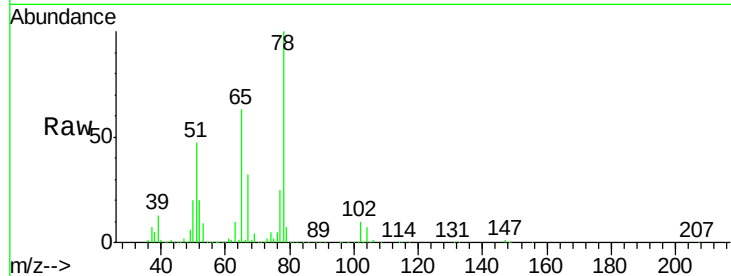




#33
 1,2-Dichloroethane-d4
 Concen: 45.81 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

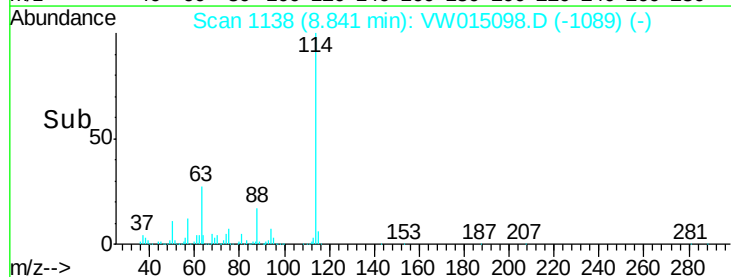
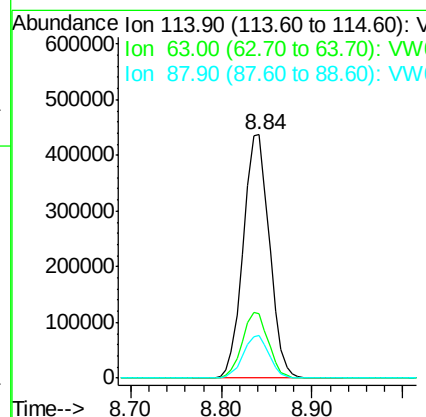
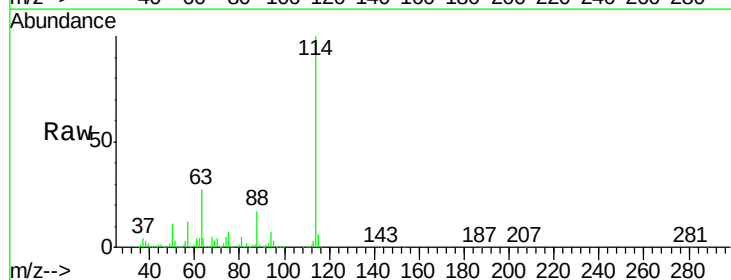
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

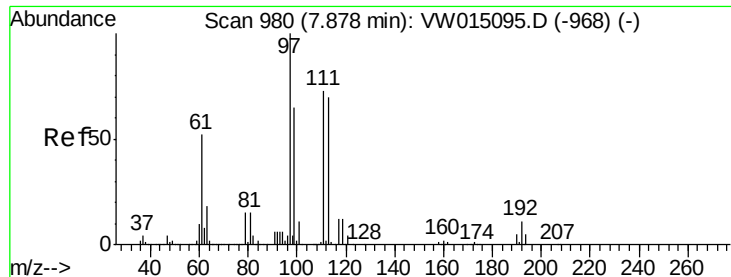
Tgt Ion: 65 Resp: 325870
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 114 Resp: 876905
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 52.0
 88 17.3 0.0 34.2

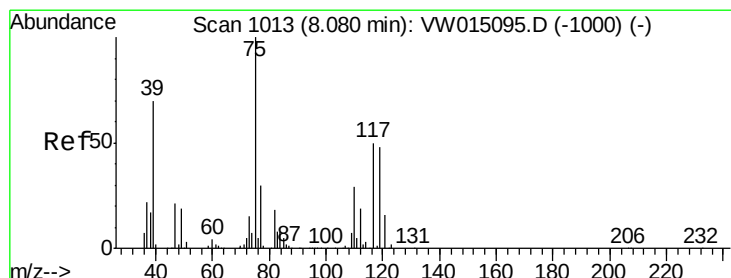
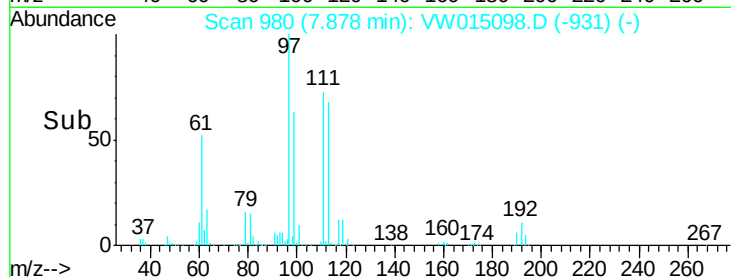
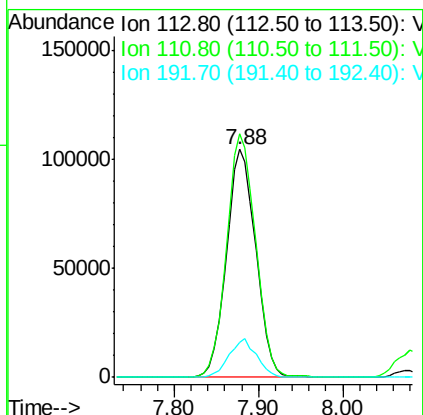
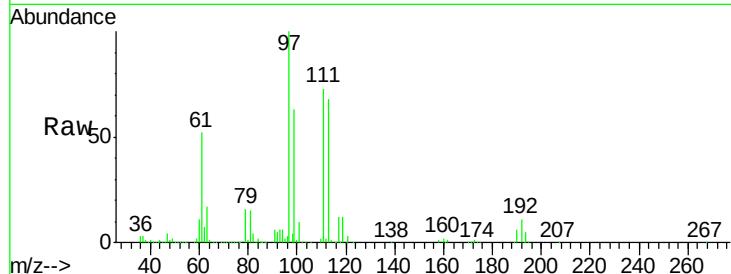




#35
 Dibromofluoromethane
 Concen: 46.99 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

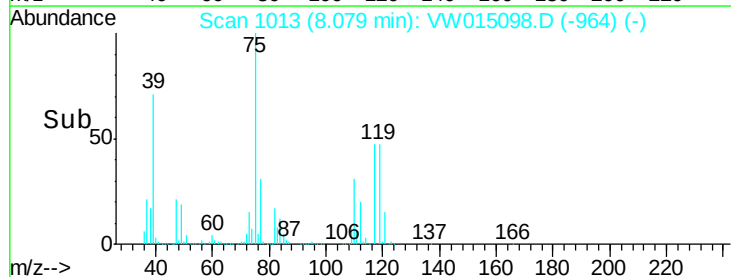
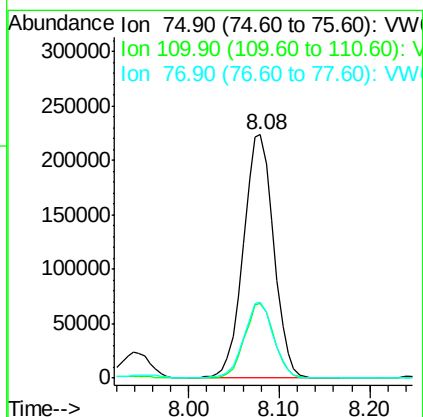
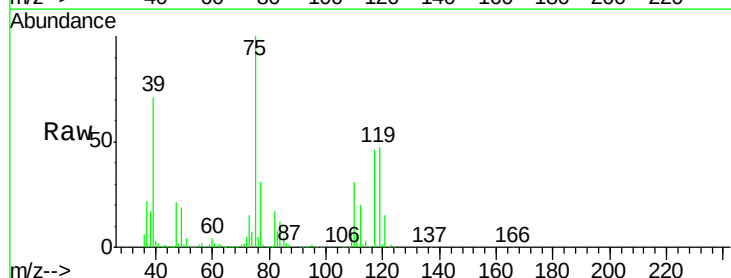
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

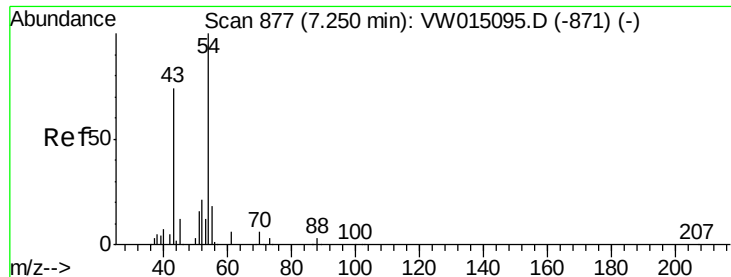
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.8	83.6	125.4
192	16.0	12.4	18.6



#36
 1,1-Dichloropropene
 Concen: 50.77 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	29.7	14.7	44.1
77	30.7	24.2	36.4

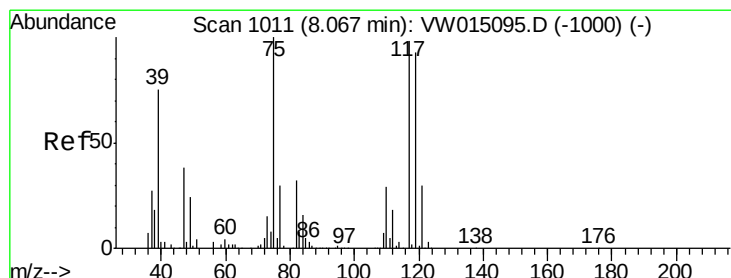
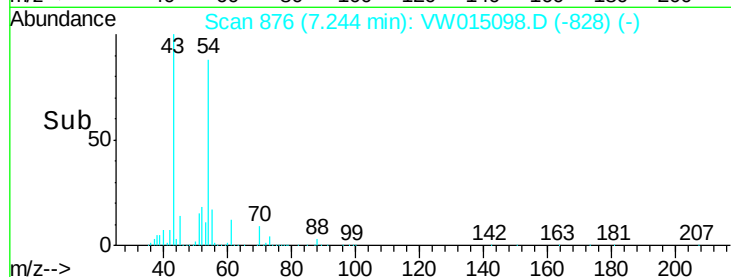
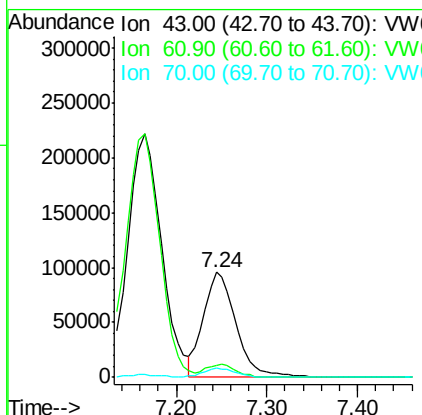
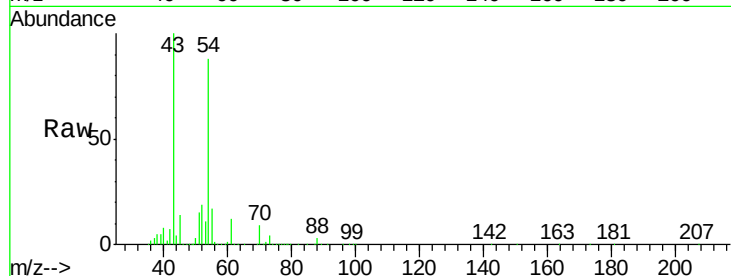




#37
Ethyl Acetate
 Concen: 46.98 ug/l
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

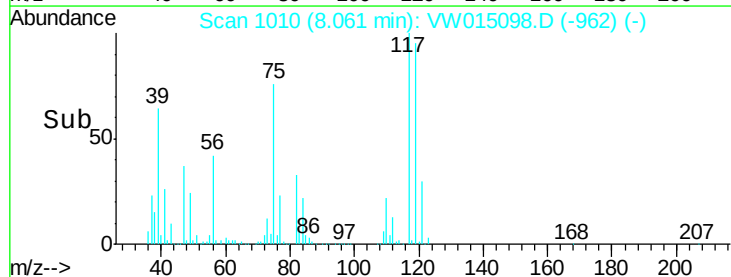
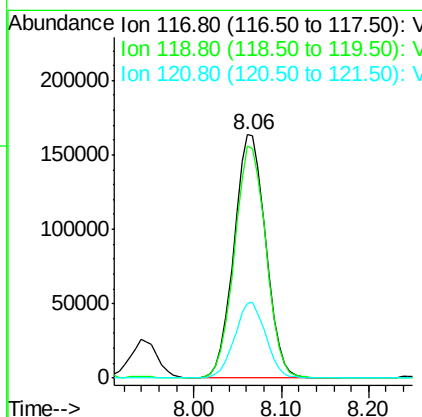
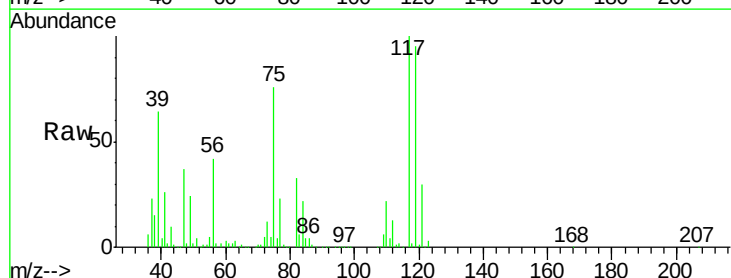
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

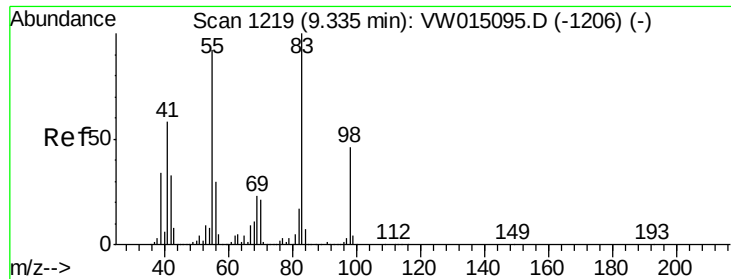
Tgt Ion: 43 Resp: 238122
 Ion Ratio Lower Upper
 43 100
 61 12.0 9.6 14.4
 70 8.7 6.5 9.7



#38
Carbon Tetrachloride
 Concen: 49.83 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 117 Resp: 412501
 Ion Ratio Lower Upper
 117 100
 119 95.3 75.8 113.8
 121 30.4 24.5 36.7

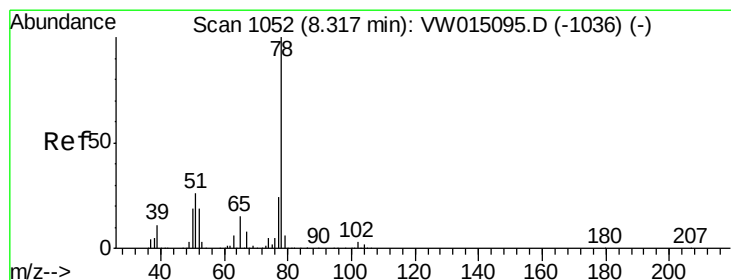
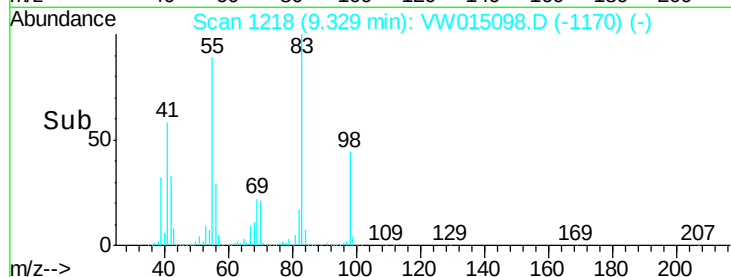
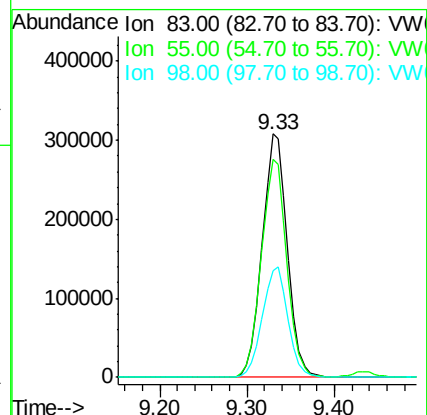
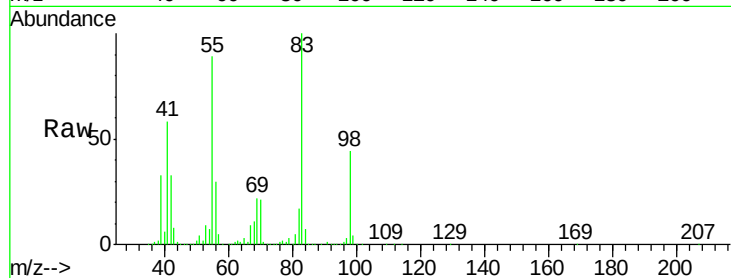




#39
Methylcyclohexane
Concen: 53.08 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

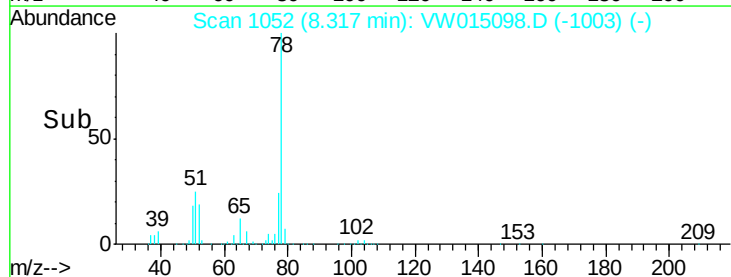
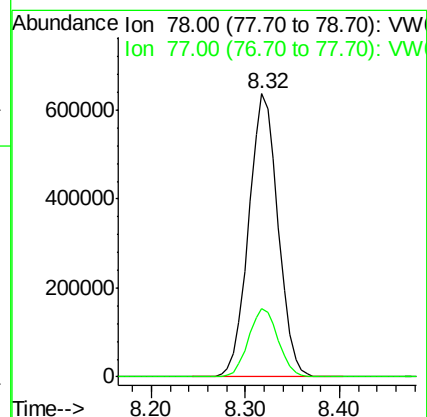
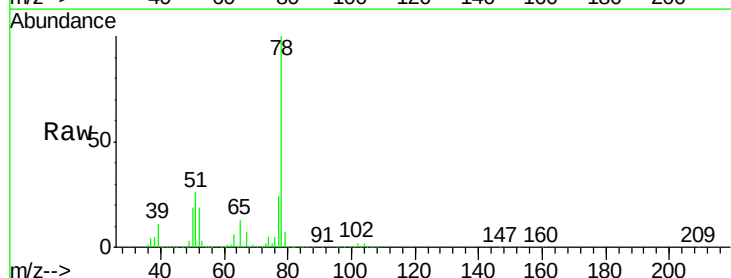
Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

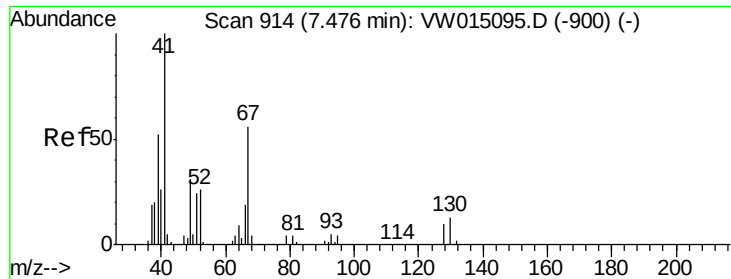
Tgt Ion: 83 Resp: 617233
Ion Ratio Lower Upper
83 100
55 89.4 73.5 110.3
98 43.6 37.2 55.8



#40
Benzene
Concen: 49.23 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion: 78 Resp: 1391220
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3

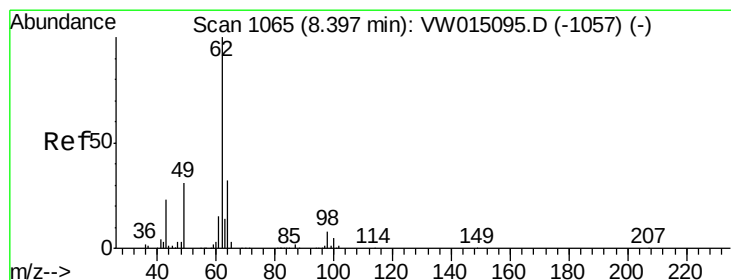
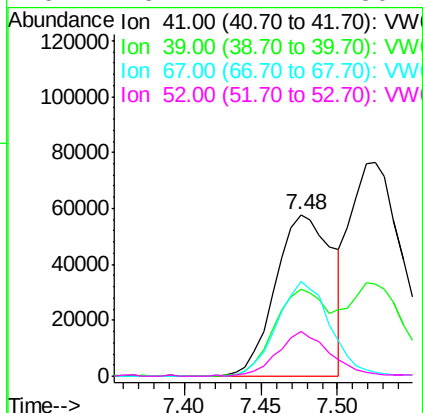
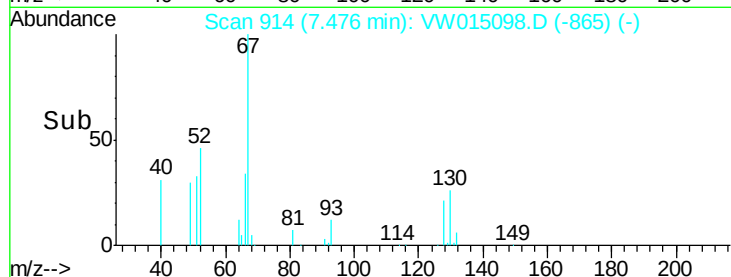
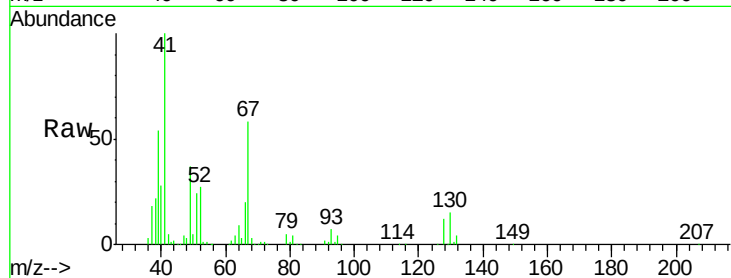




#41
Methacrylonitrile
Concen: 55.73 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

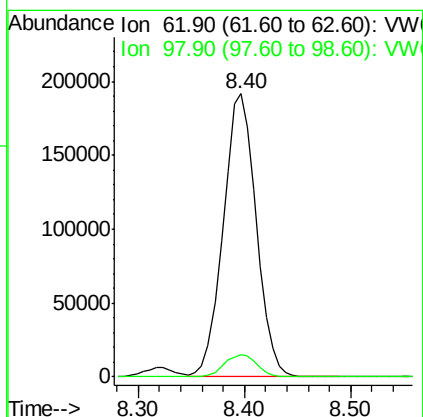
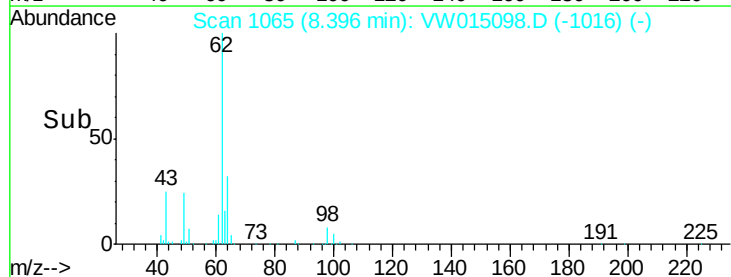
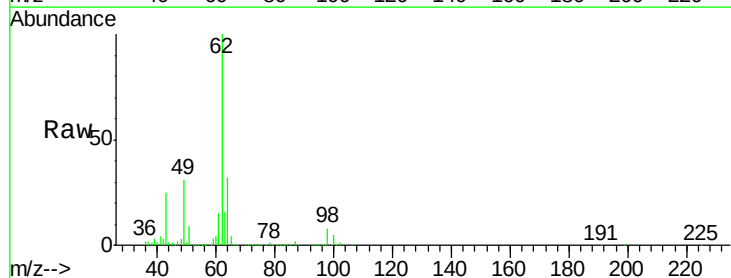
Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

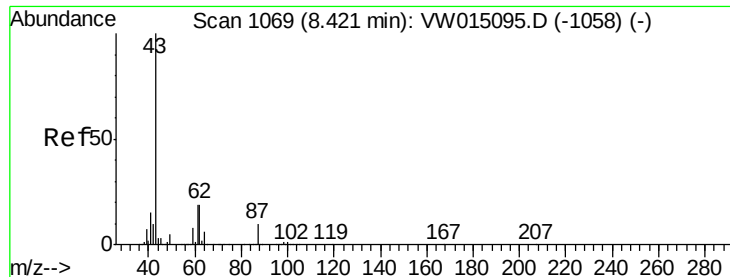
Tgt Ion: 41 Resp: 149373
Ion Ratio Lower Upper
41 100
39 47.7 49.0 73.4#
67 55.7 50.4 75.6
52 25.2 24.2 36.4



#42
1,2-Dichloroethane
Concen: 48.17 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion: 62 Resp: 414776
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 48.52 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampled :

ICVW030920

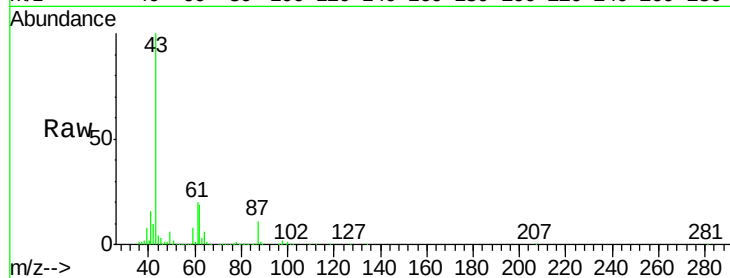
Tgt Ion: 43 Resp: 440844

Ion Ratio Lower Upper

43 100

61 27.8 21.8 32.8

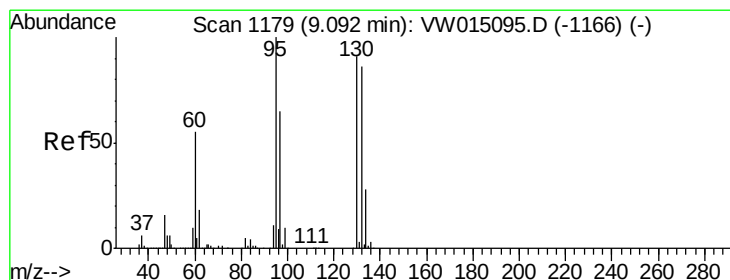
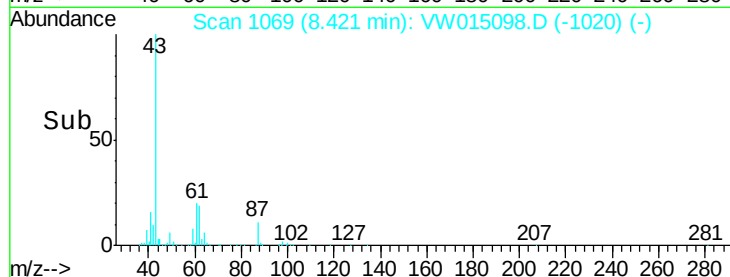
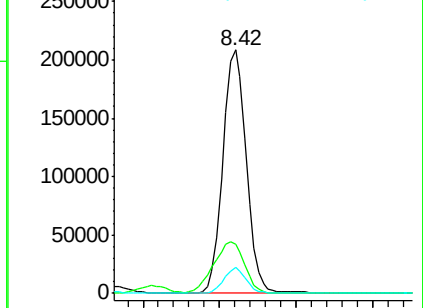
87 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.12 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW015098.D

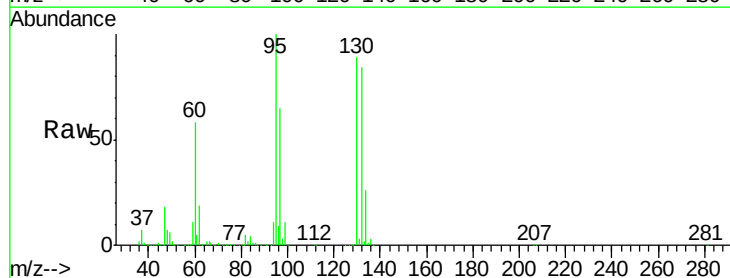
Acq: 09 Mar 2020 13:25

Tgt Ion: 130 Resp: 295496

Ion Ratio Lower Upper

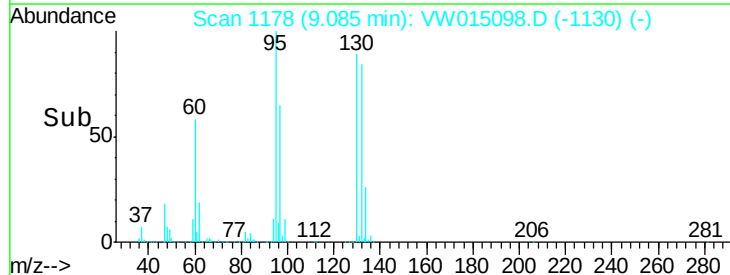
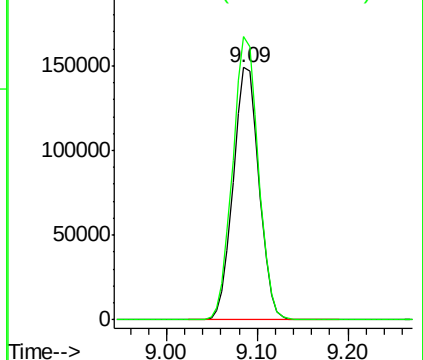
130 100

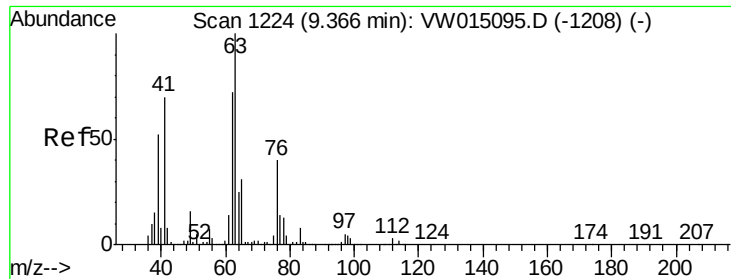
95 112.1 0.0 219.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

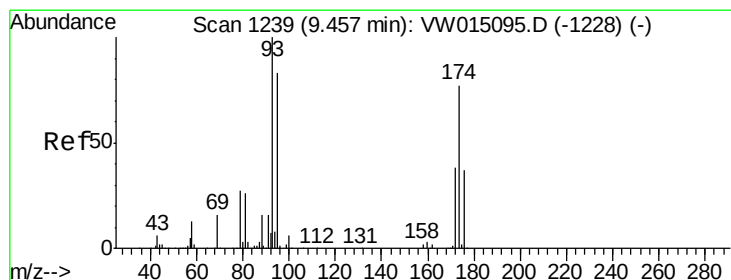
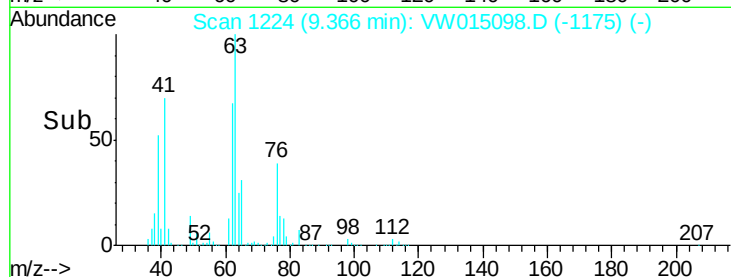
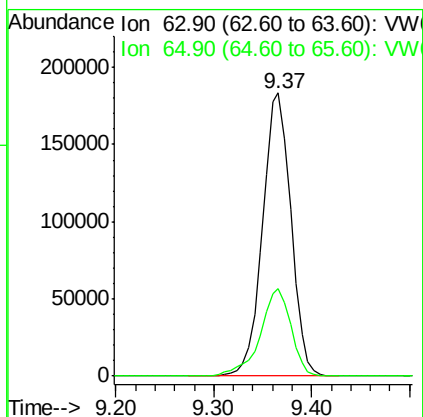
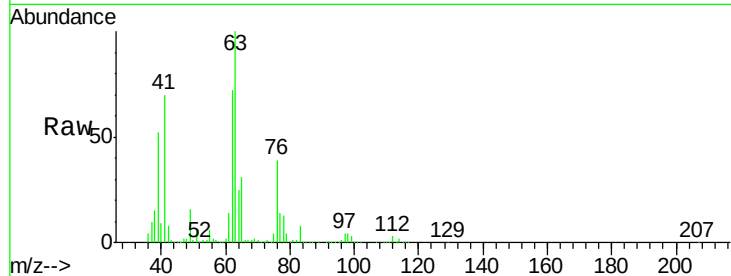




#45
 1,2-Dichloropropane
 Concen: 48.49 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

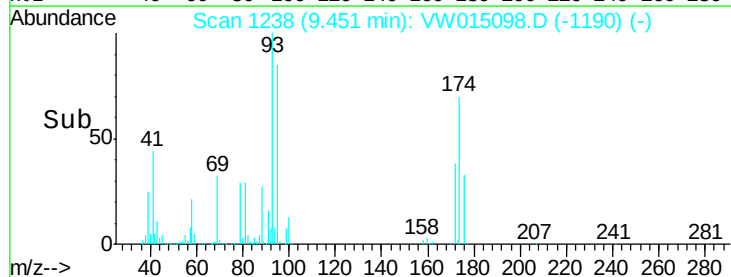
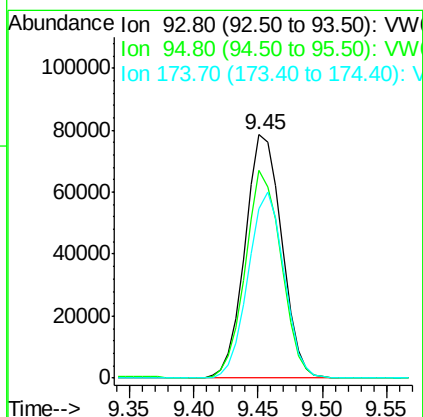
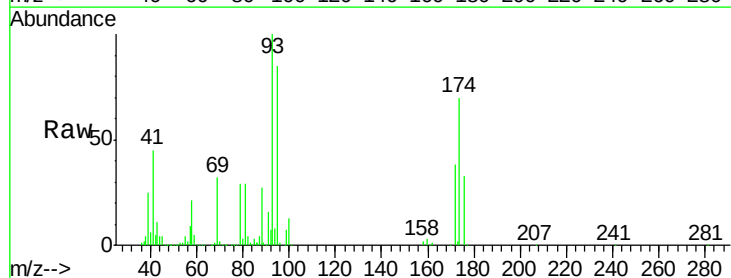
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

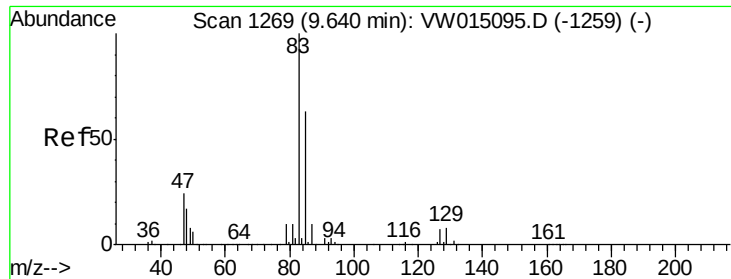
Tgt Ion: 63 Resp: 369024
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 46.91 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 93 Resp: 155256
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 100.0
 174 74.8 60.6 91.0

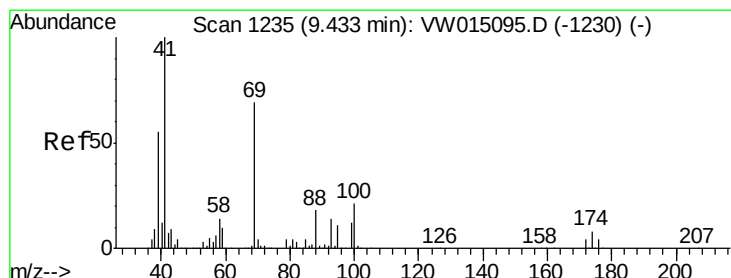
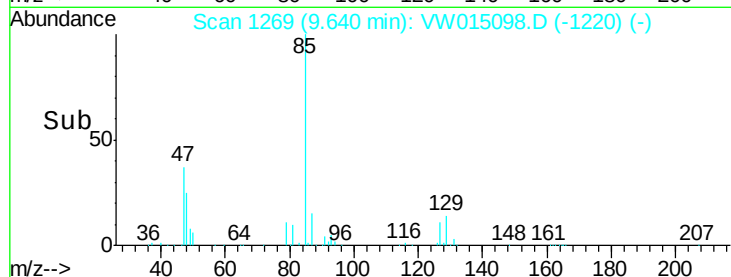
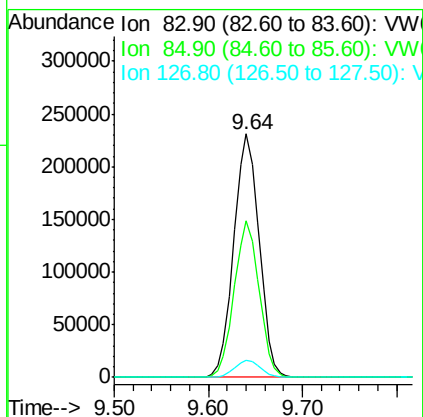
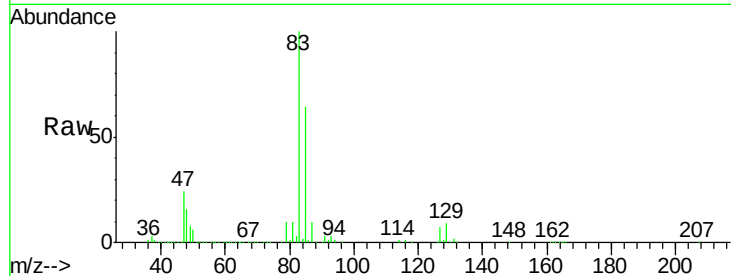




#47
 Bromodichloromethane
 Concen: 48.96 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

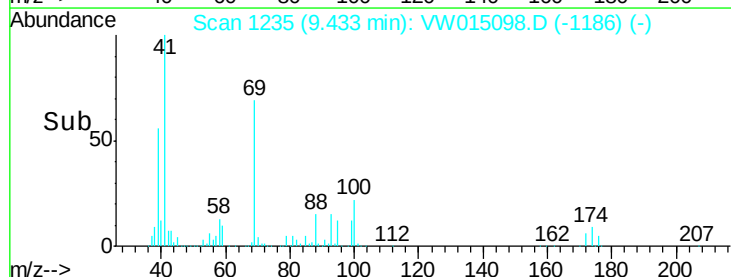
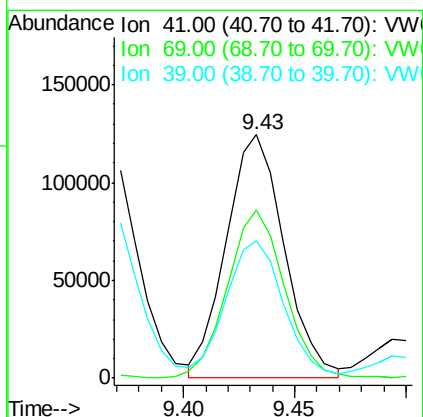
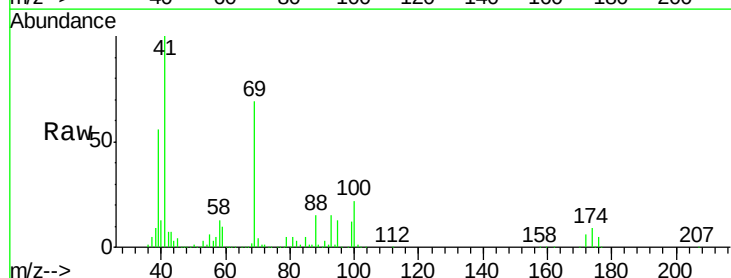
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

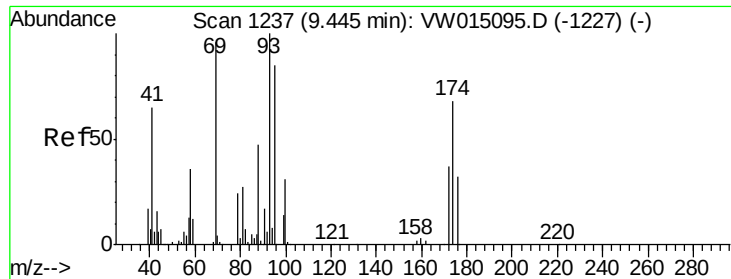
Tgt Ion: 83 Resp: 432608
 Ion Ratio Lower Upper
 83 100
 85 64.2 50.7 76.1
 127 7.2 5.5 8.3



#48
 Methyl methacrylate
 Concen: 48.39 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 41 Resp: 225123
 Ion Ratio Lower Upper
 41 100
 69 68.5 58.7 88.1
 39 52.4 45.1 67.7





#49

1,4-Dioxane

Concen: 1022.97 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

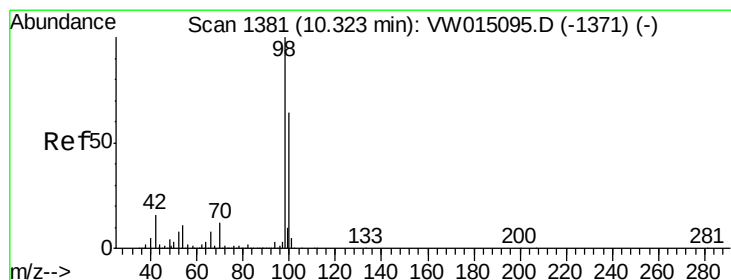
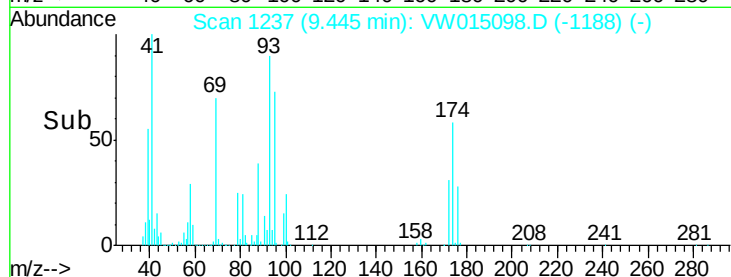
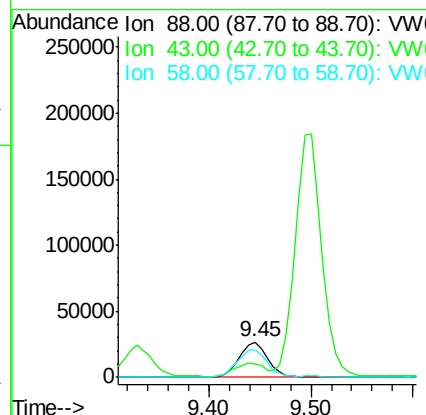
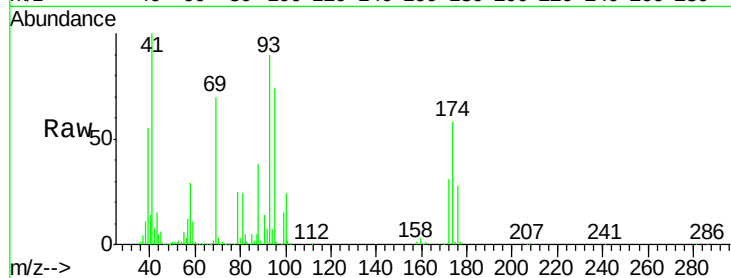
Tgt Ion: 88 Resp: 51831

Ion Ratio Lower Upper

88 100

43 43.0 35.8 53.8

58 82.3 64.0 96.0



#50

Toluene-d8

Concen: 49.43 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015098.D

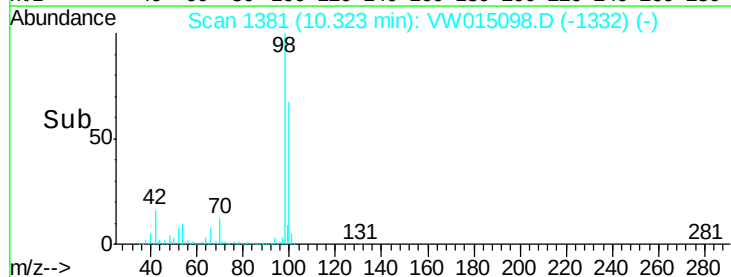
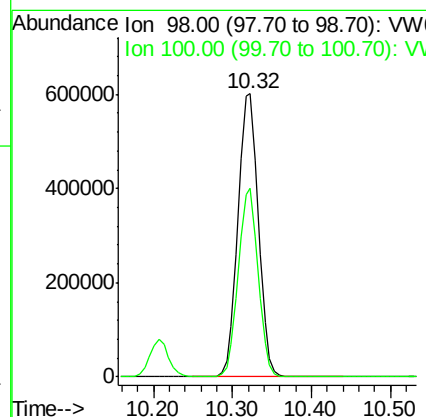
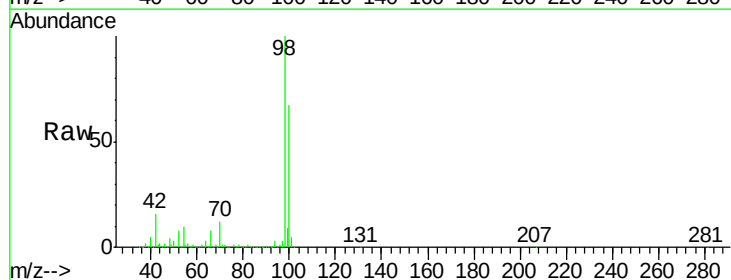
Acq: 09 Mar 2020 13:25

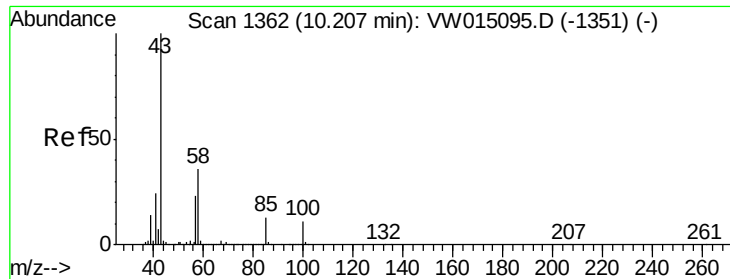
Tgt Ion: 98 Resp: 1086650

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

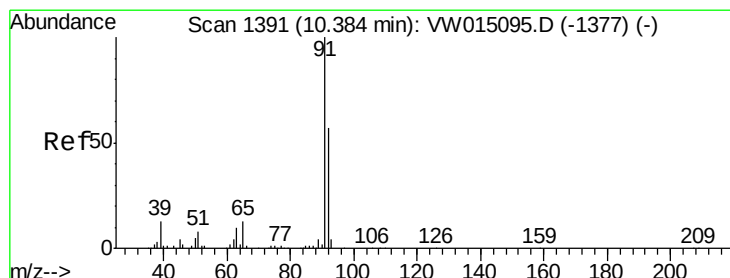
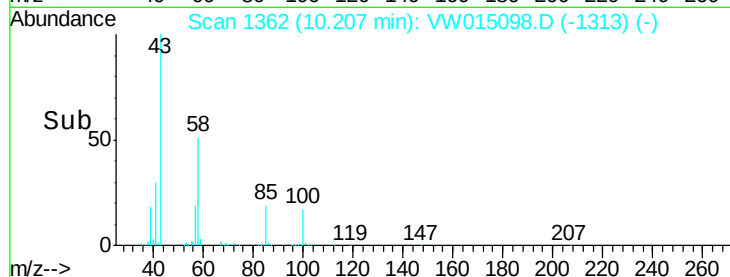
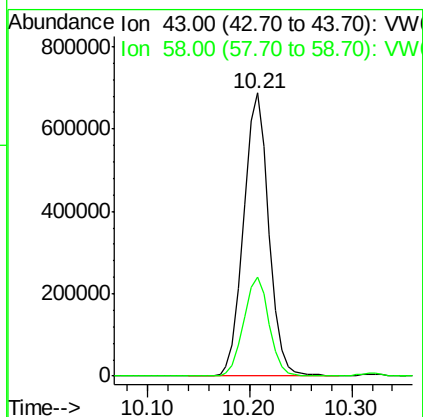
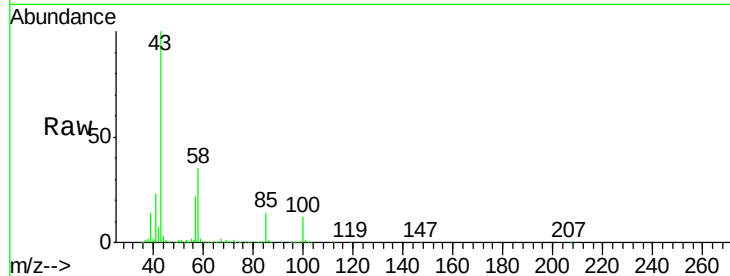




#51
 4-Methyl-2-Pentanone
 Concen: 234.89 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

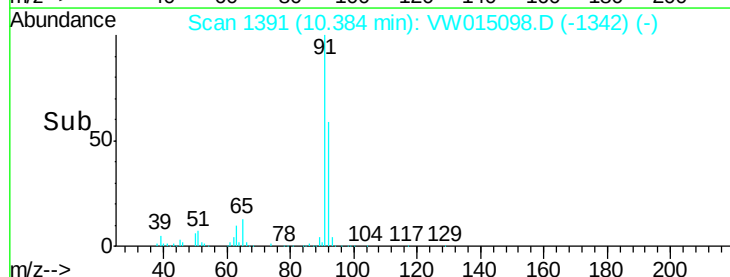
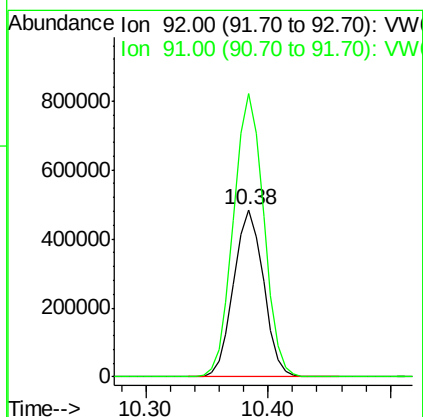
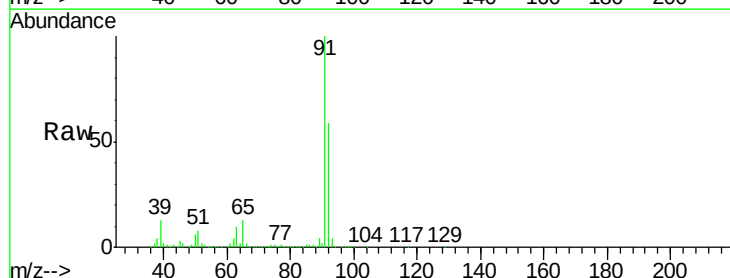
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

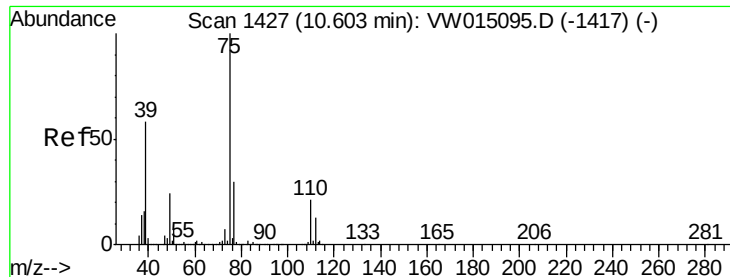
Tgt Ion: 43 Resp: 1178886
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.0 42.0



#52
 Toluene
 Concen: 50.45 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 92 Resp: 819068
 Ion Ratio Lower Upper
 92 100
 91 171.9 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 50.57 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

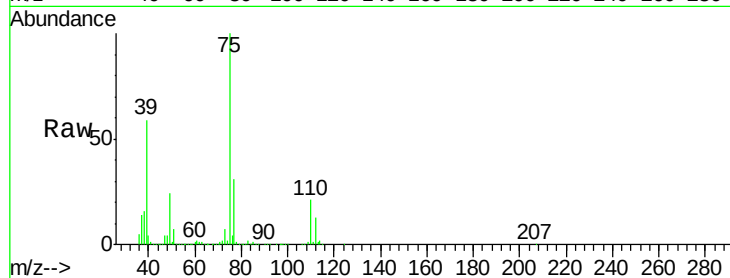
ICVW030920

Tgt Ion: 75 Resp: 439598

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

250000

200000

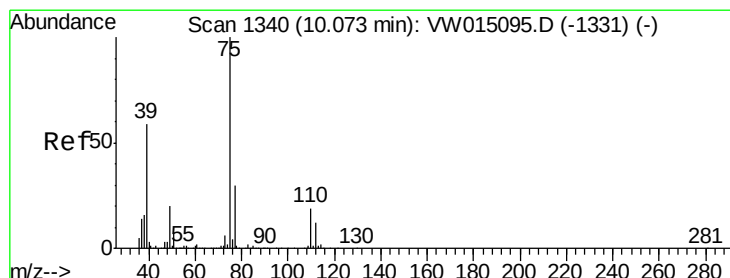
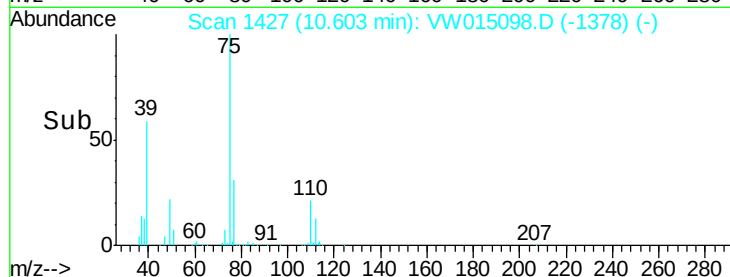
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.32 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

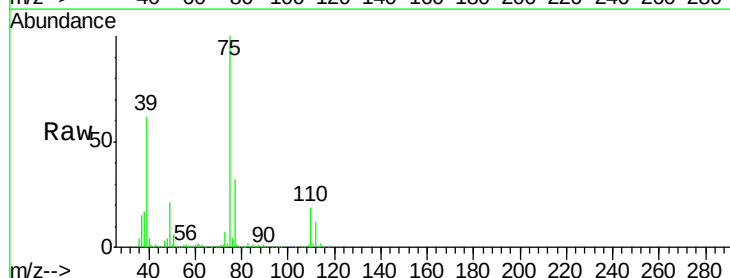
Tgt Ion: 75 Resp: 532840

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5

39 62.1 47.0 70.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

400000

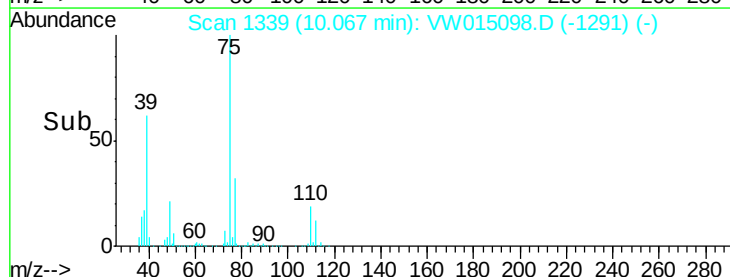
300000

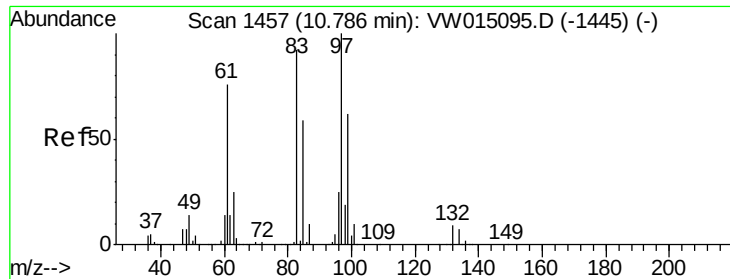
200000

100000

0

Time--> 10.00 10.10





#55

1,1,2-Trichloroethane

Concen: 46.74 ug/l

RT: 10.78 min Scan# 1456

Delta R.T. -0.01 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

Tgt Ion: 97 Resp: 211933

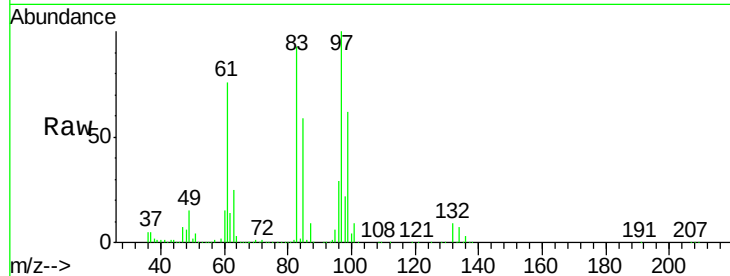
Ion Ratio Lower Upper

97 100

83 93.0 74.0 111.0

85 59.3 46.9 70.3

99 61.5 49.8 74.8

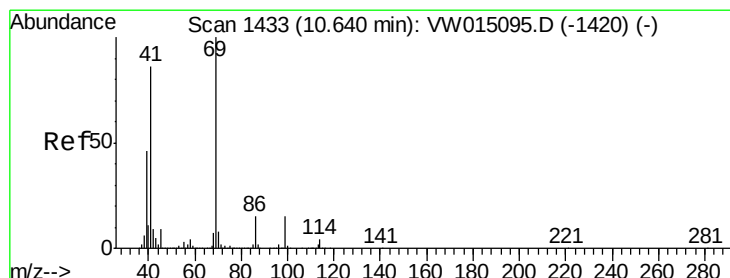
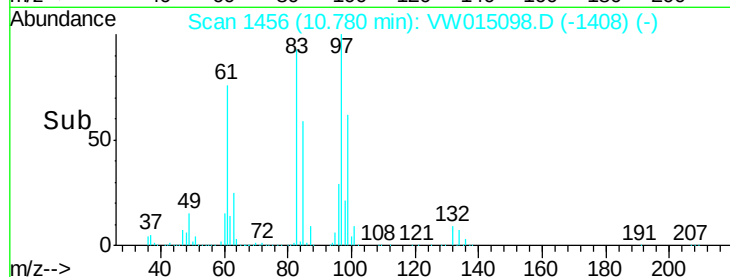
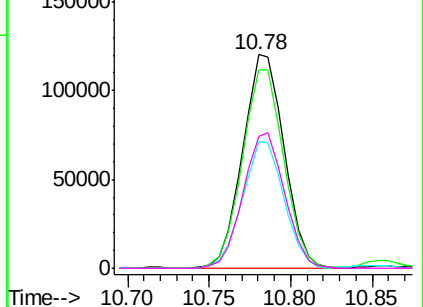


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 46.98 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

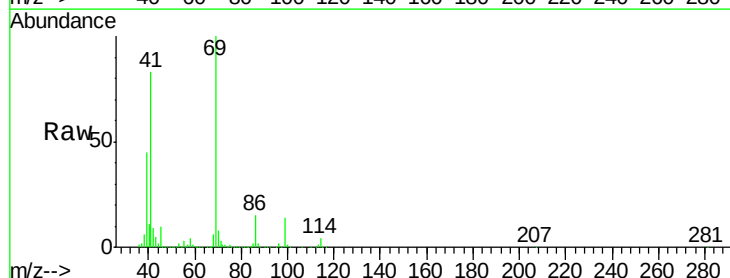
Tgt Ion: 69 Resp: 306332

Ion Ratio Lower Upper

69 100

41 81.1 65.8 98.6

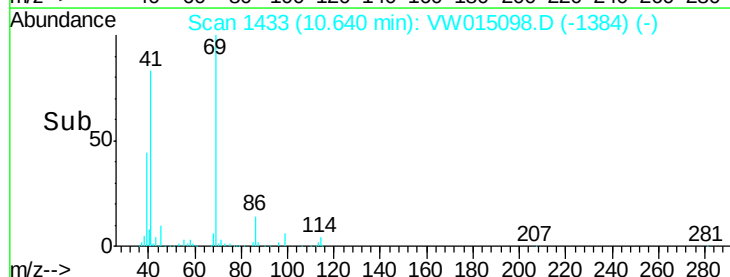
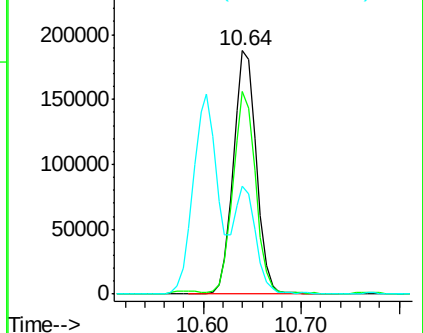
39 38.0 31.2 46.8

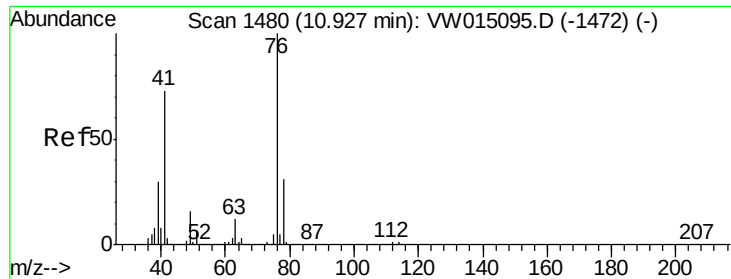


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

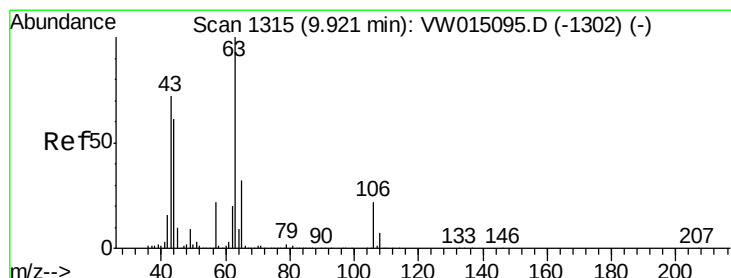
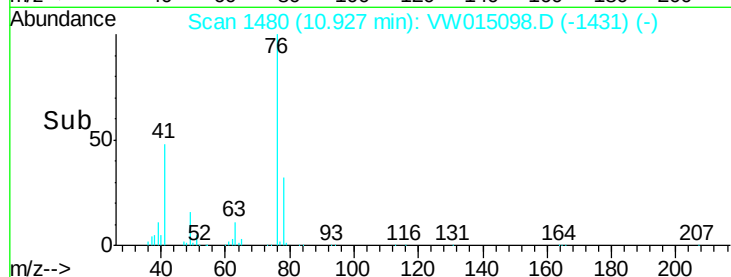
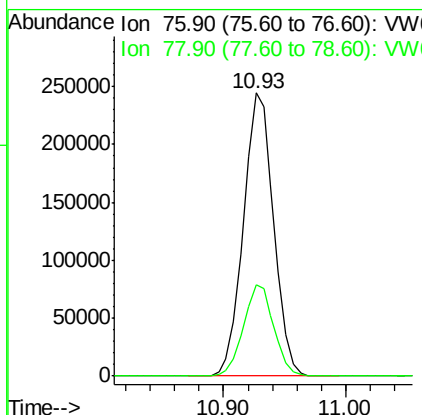
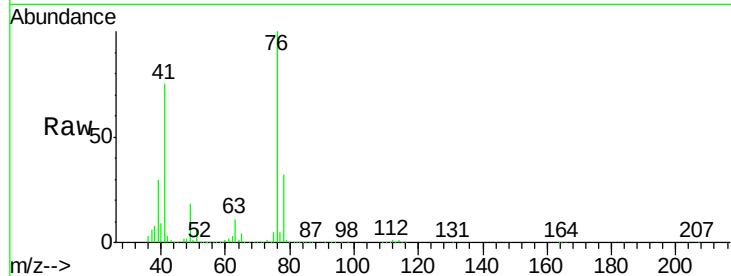




#57
 1,3-Dichloropropane
 Concen: 48.51 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

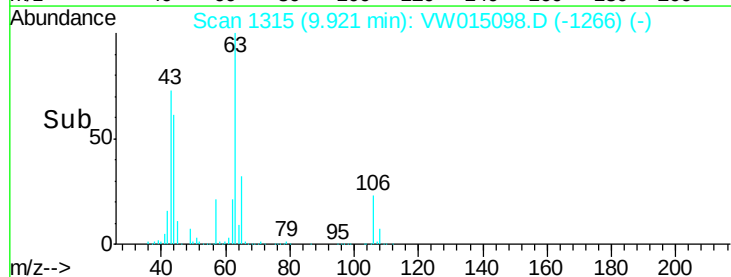
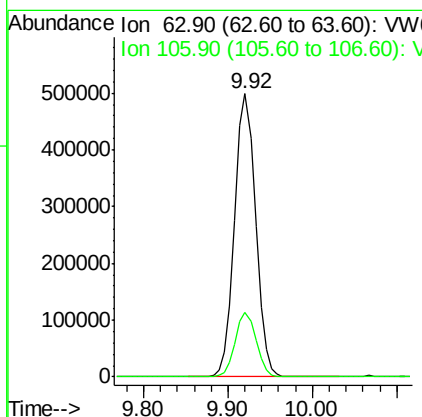
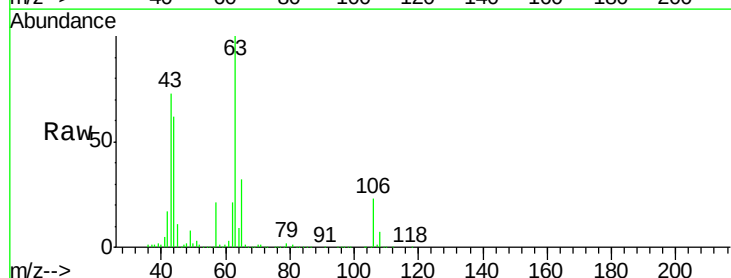
Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW030920

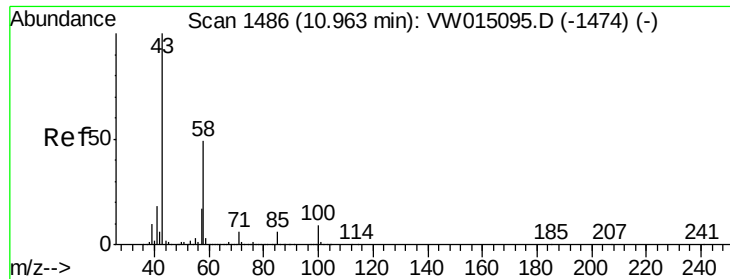
Tgt Ion: 76 Resp: 418805
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.28 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 63 Resp: 835193
 Ion Ratio Lower Upper
 63 100
 106 22.7 18.0 27.0

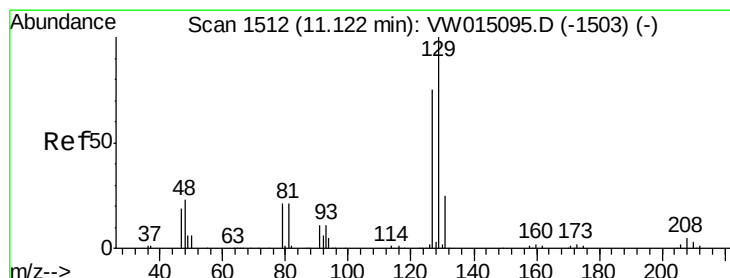
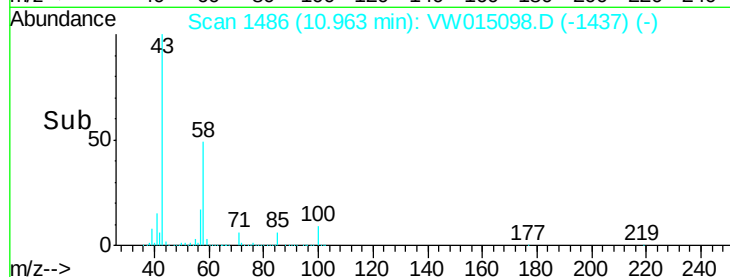
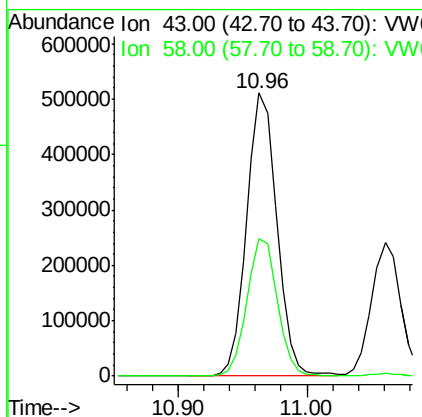
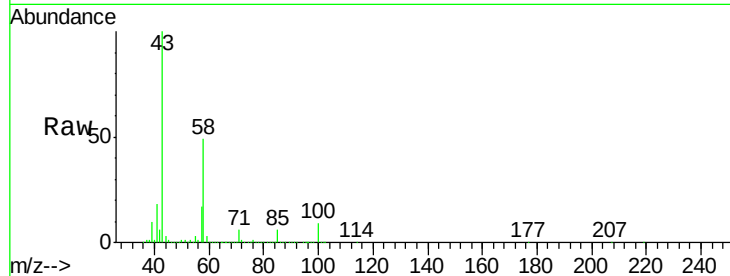




#59
2-Hexanone
Concen: 239.24 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

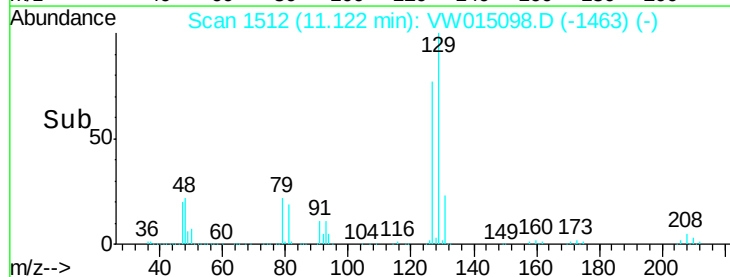
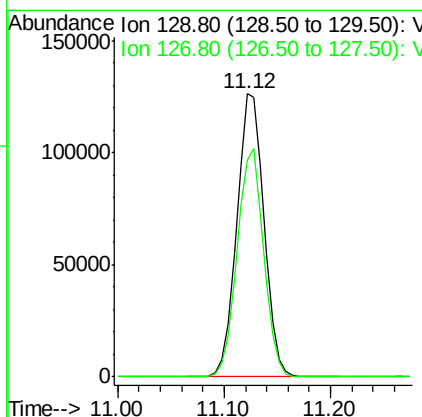
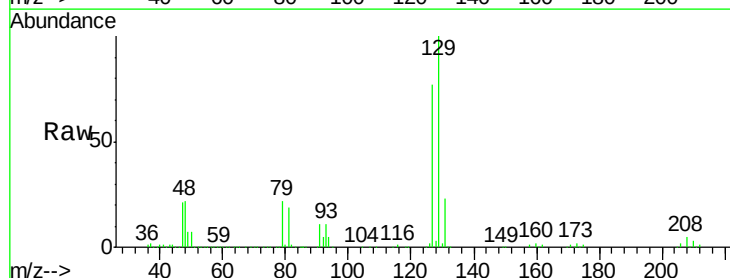
Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

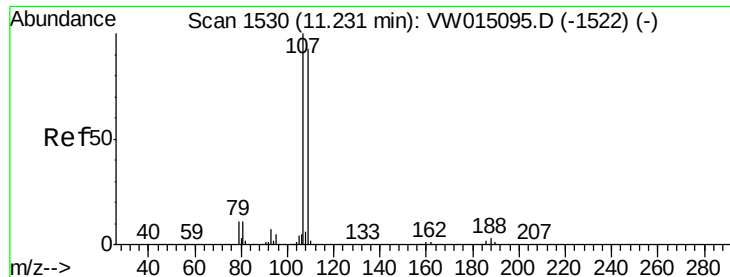
Tgt Ion: 43 Resp: 825732
Ion Ratio Lower Upper
43 100
58 49.0 24.6 73.8



#60
Dibromochloromethane
Concen: 48.34 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion: 129 Resp: 226378
Ion Ratio Lower Upper
129 100
127 78.9 38.7 116.1

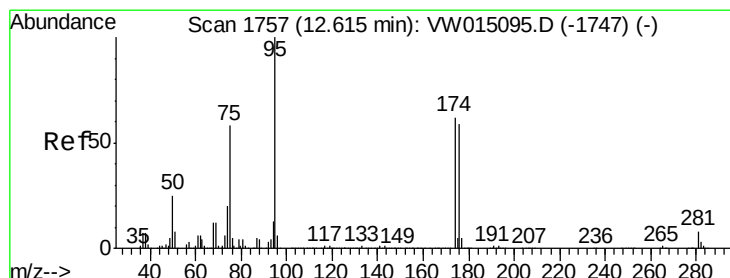
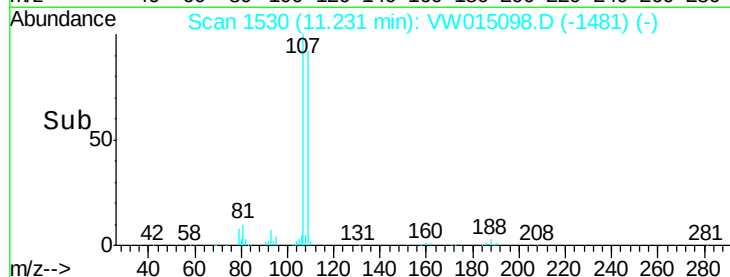
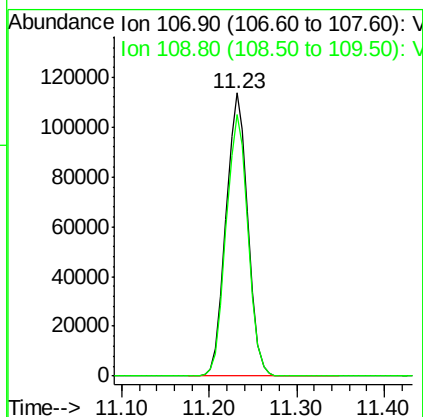
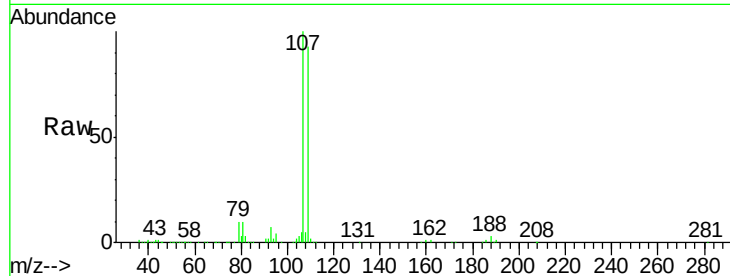




#61
 1,2-Dibromoethane
 Concen: 48.92 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

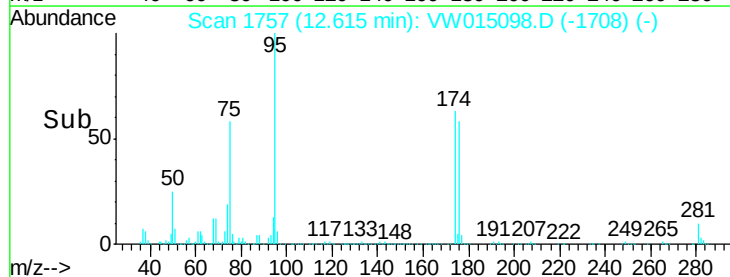
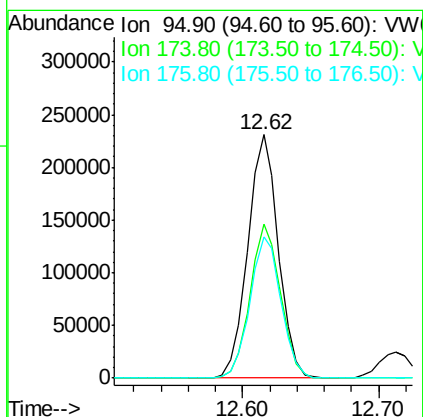
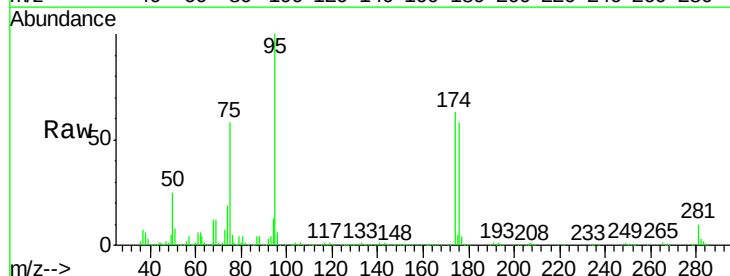
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

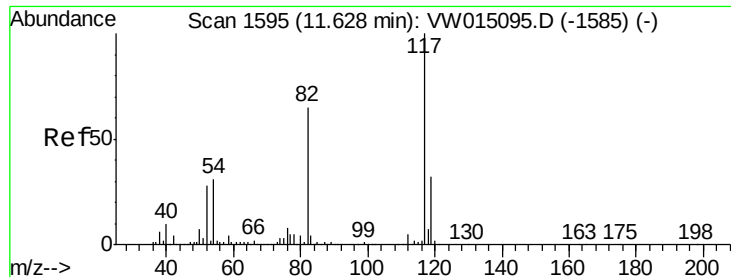
Tgt Ion: 107 Resp: 196641
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 49.58 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 95 Resp: 362098
 Ion Ratio Lower Upper
 95 100
 174 63.2 0.0 126.8
 176 59.1 0.0 121.6

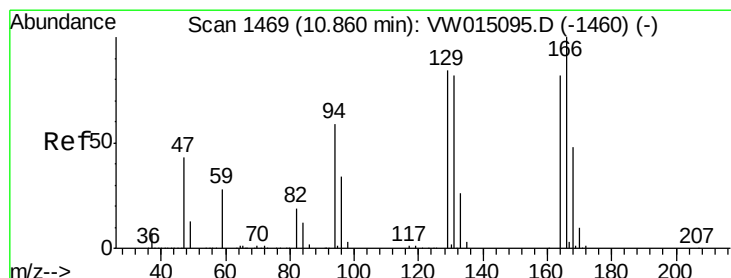
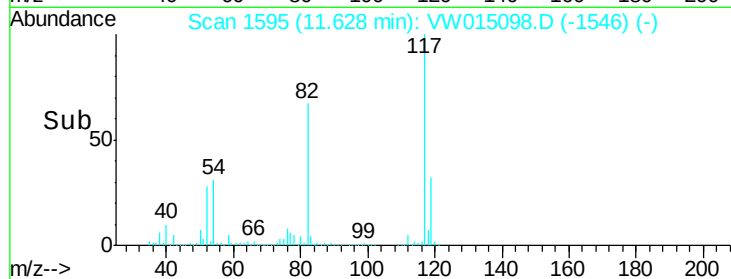
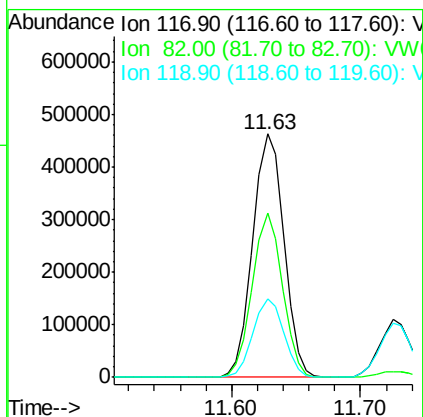
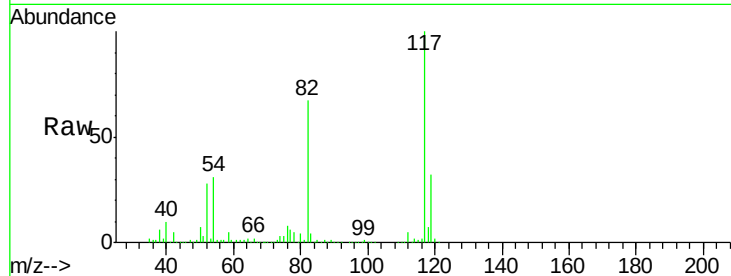




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

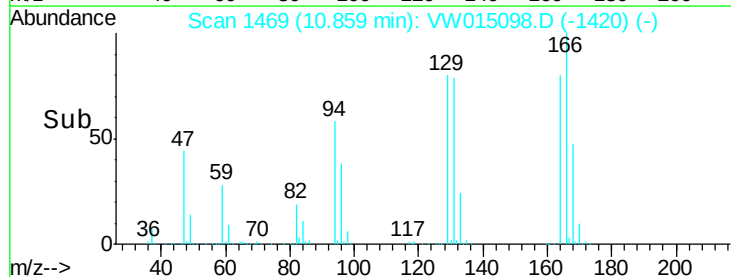
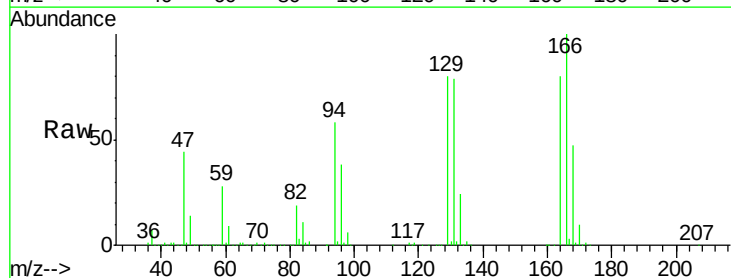
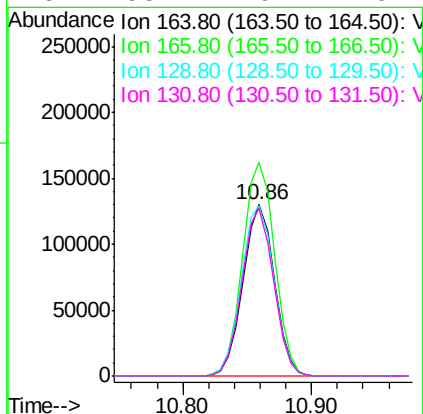
Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

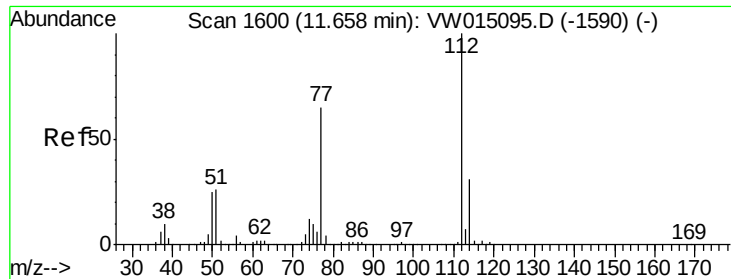
Tgt Ion:117 Resp: 776944
Ion Ratio Lower Upper
117 100
82 67.4 52.2 78.2
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 48.82 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion:164 Resp: 218897
Ion Ratio Lower Upper
164 100
166 124.9 97.0 145.6
129 99.9 81.2 121.8
131 98.2 79.4 119.2





#65

Chlorobenzene

Concen: 49.59 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

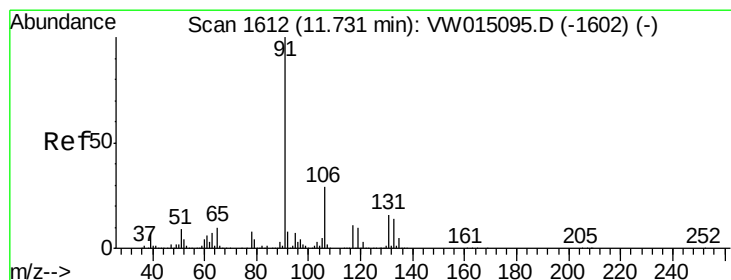
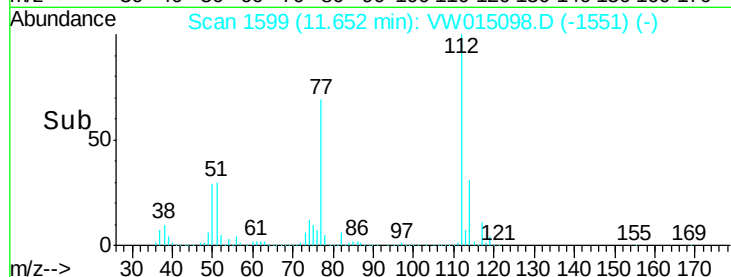
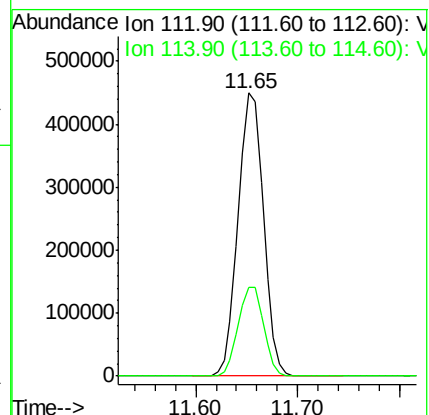
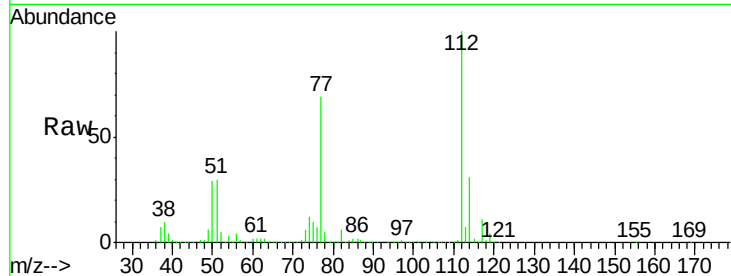
ICVW030920

Tgt Ion:112 Resp: 773394

Ion Ratio Lower Upper

112 100

114 31.4 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.59 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

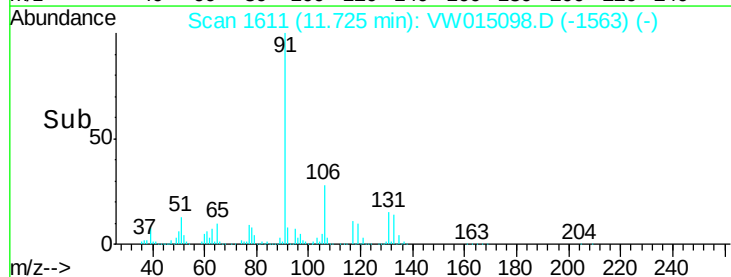
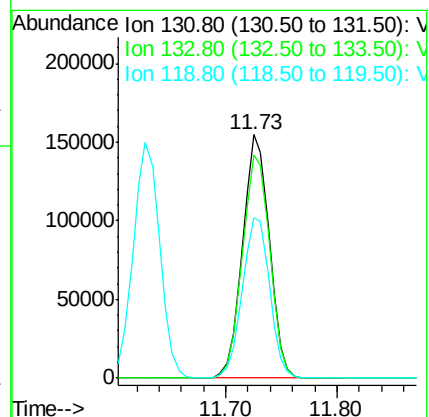
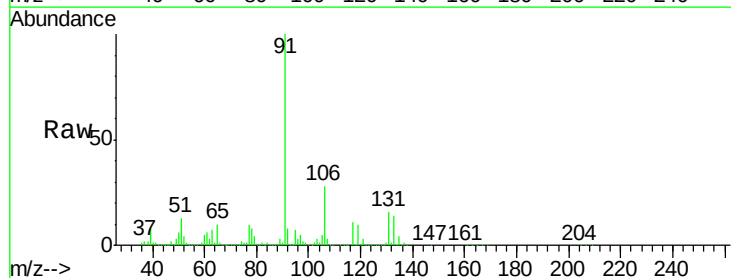
Tgt Ion:131 Resp: 257502

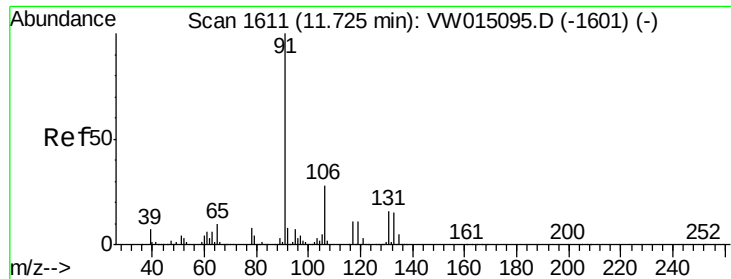
Ion Ratio Lower Upper

131 100

133 94.3 47.3 141.8

119 67.3 34.0 101.8

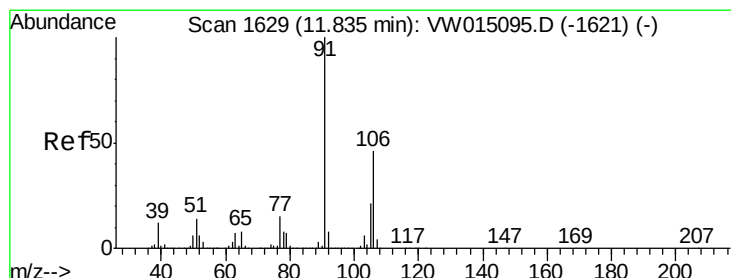
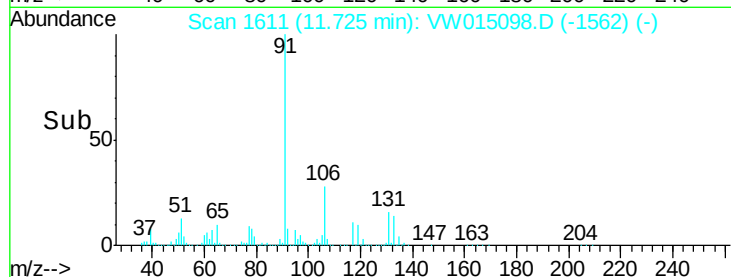
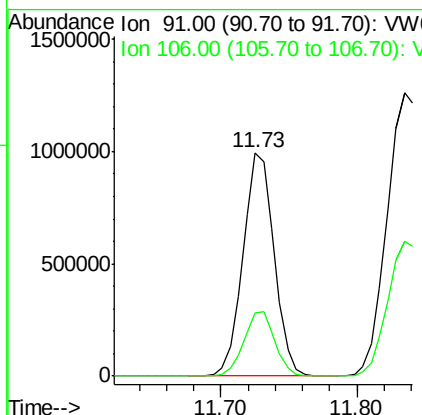
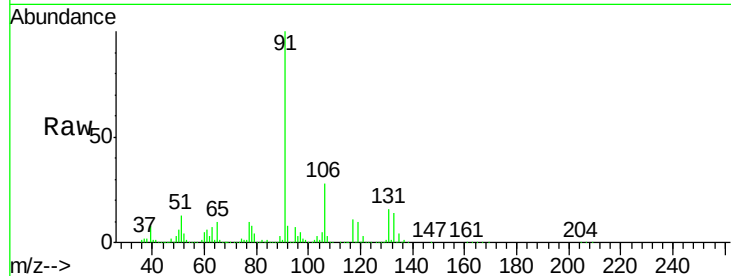




#67
Ethyl Benzene
Concen: 52.36 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

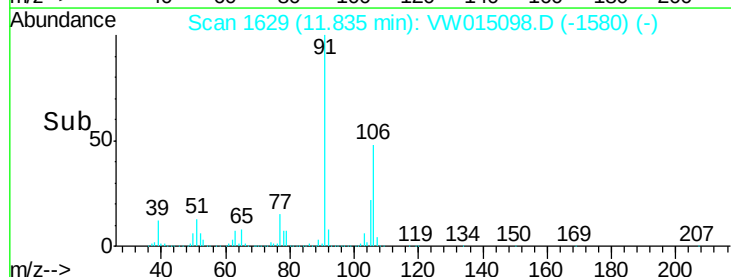
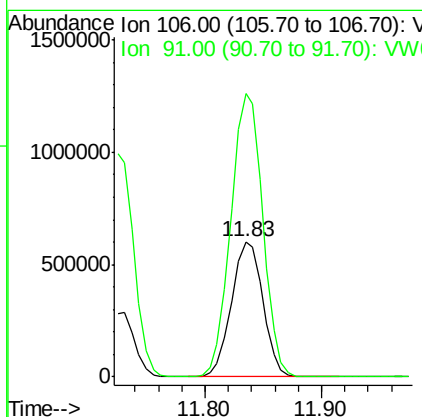
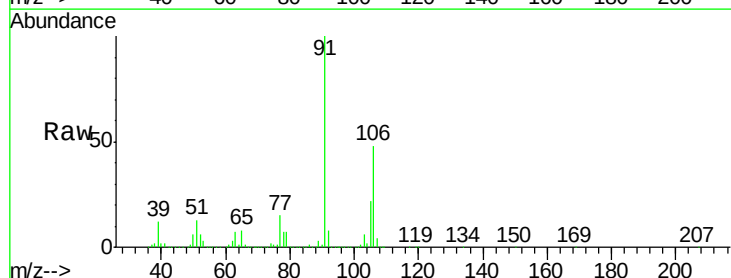
Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

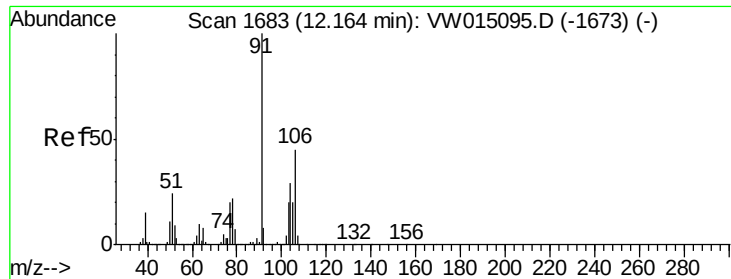
Tgt Ion: 91 Resp: 1588897
Ion Ratio Lower Upper
91 100
106 28.5 22.8 34.2



#68
m/p-Xylenes
Concen: 105.37 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion: 106 Resp: 1130448
Ion Ratio Lower Upper
106 100
91 212.6 172.3 258.5

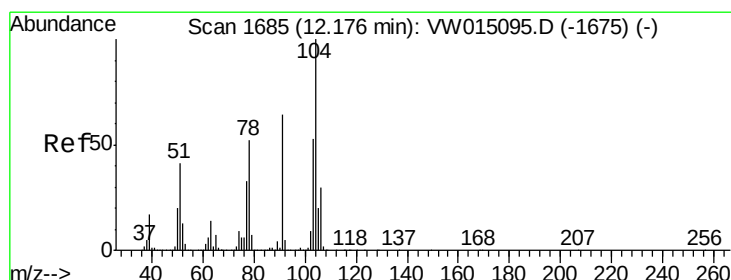
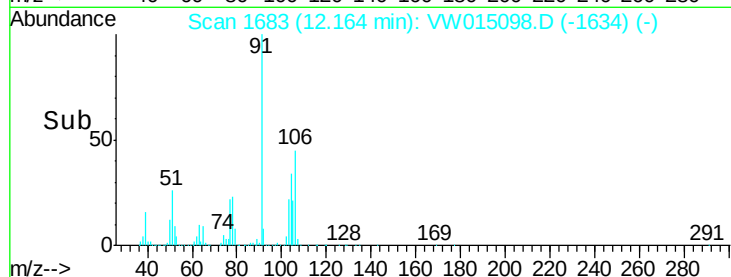
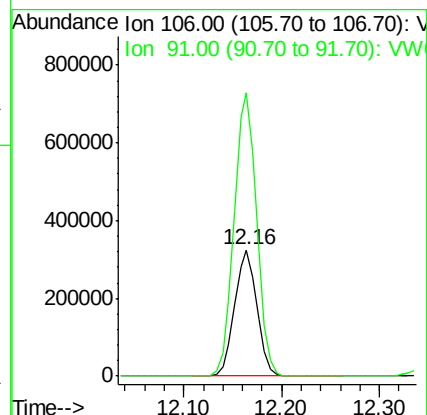
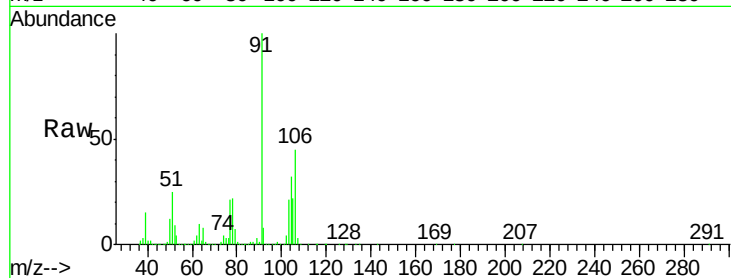




#69
o-Xylene
Concen: 52.83 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

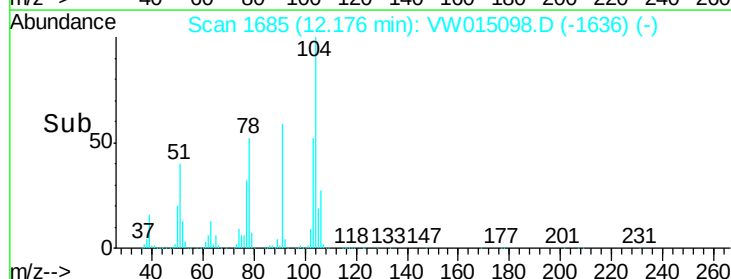
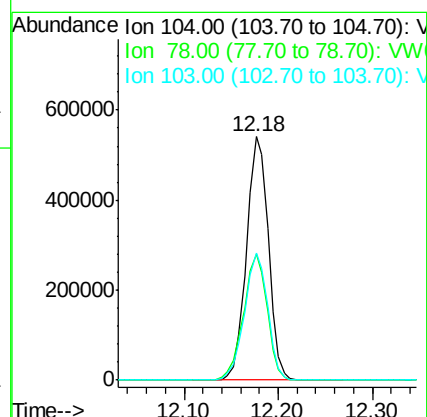
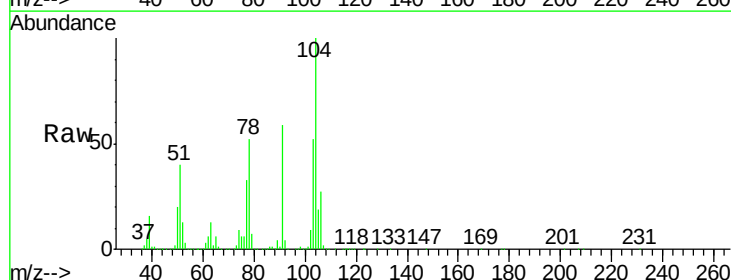
Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

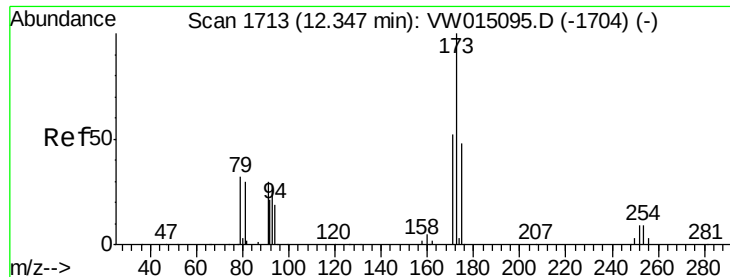
Tgt Ion:106 Resp: 510576
Ion Ratio Lower Upper
106 100
91 227.3 112.6 337.8



#70
Styrene
Concen: 53.00 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion:104 Resp: 877537
Ion Ratio Lower Upper
104 100
78 55.7 44.7 67.1
103 55.4 44.7 67.1





#71

Bromoform

Concen: 48.51 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

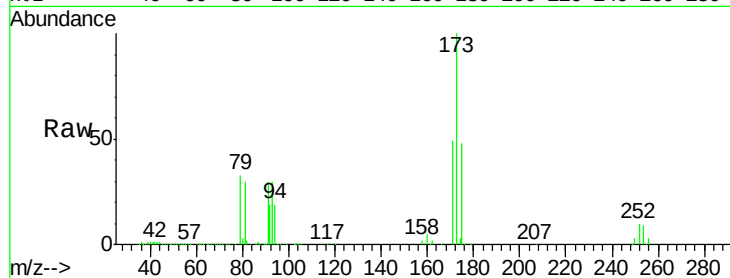
Tgt Ion:173 Resp: 111798

Ion Ratio Lower Upper

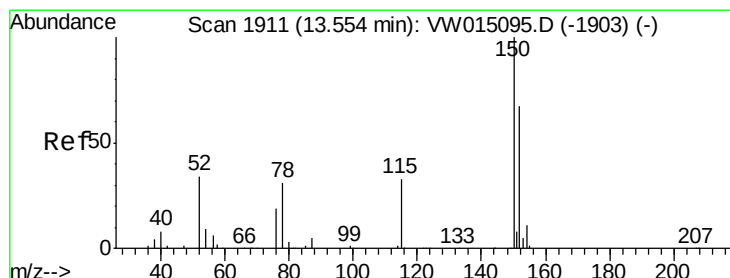
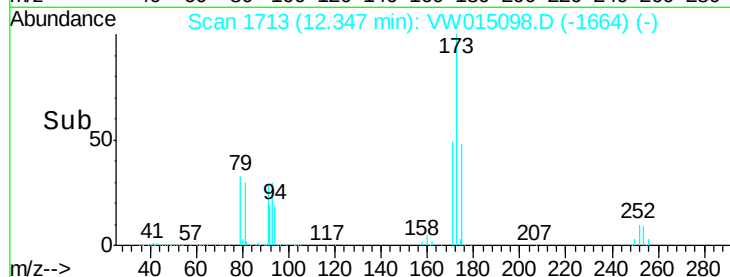
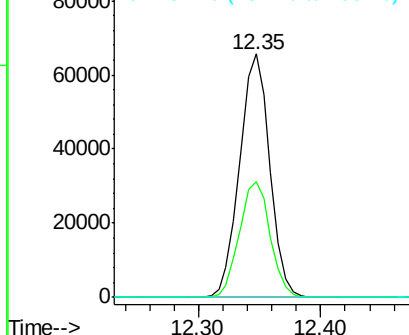
173 100

175 48.7 23.8 71.4

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

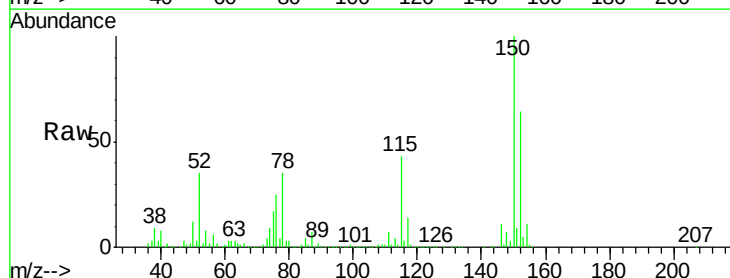
Tgt Ion:152 Resp: 347962

Ion Ratio Lower Upper

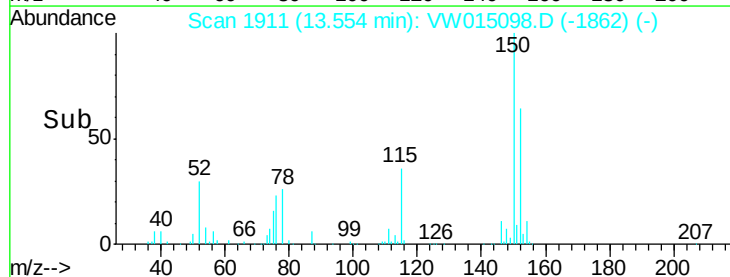
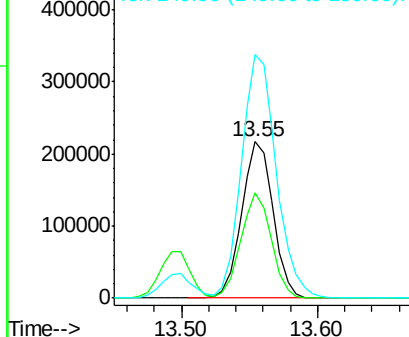
152 100

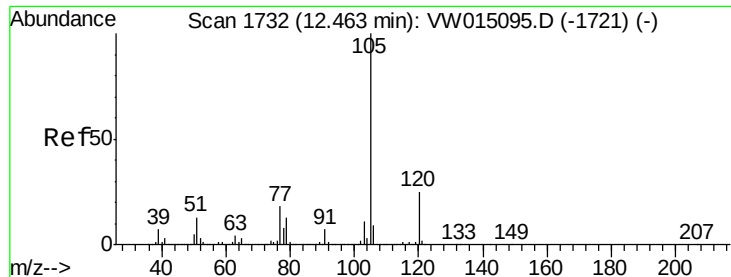
115 65.4 33.3 99.9

150 172.9 0.0 351.2



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





#73

Isopropylbenzene

Concen: 54.68 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

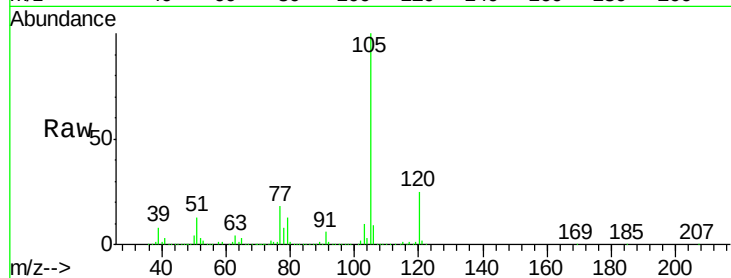
ICVW030920

Tgt Ion:105 Resp: 1453305

Ion Ratio Lower Upper

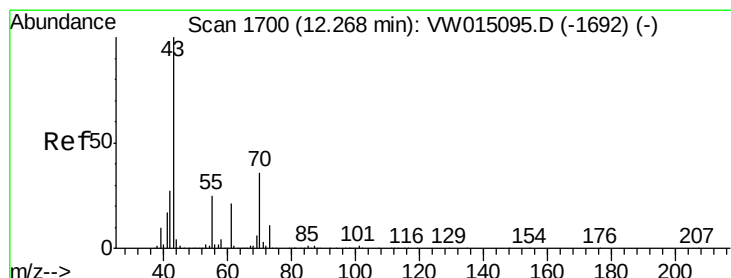
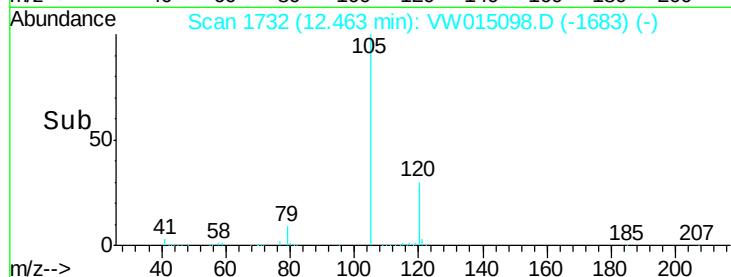
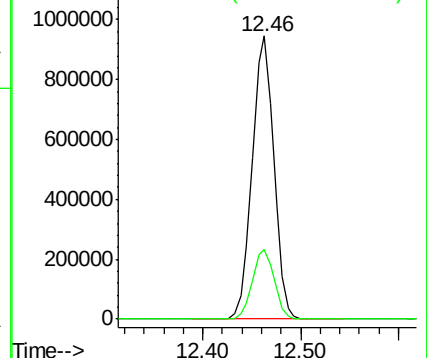
105 100

120 24.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.38 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Tgt Ion: 43 Resp: 415957

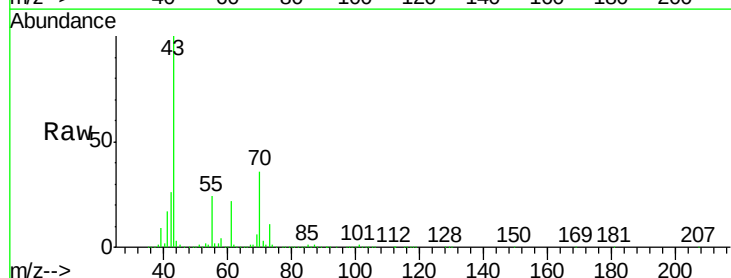
Ion Ratio Lower Upper

43 100

70 36.1 29.4 44.2

55 24.0 20.3 30.5

61 21.5 17.1 25.7

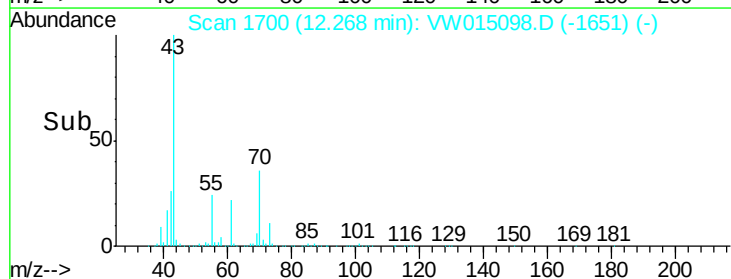
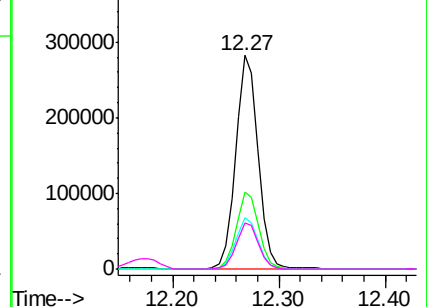


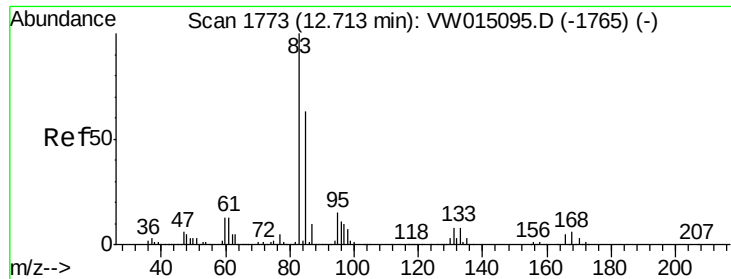
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 48.12 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

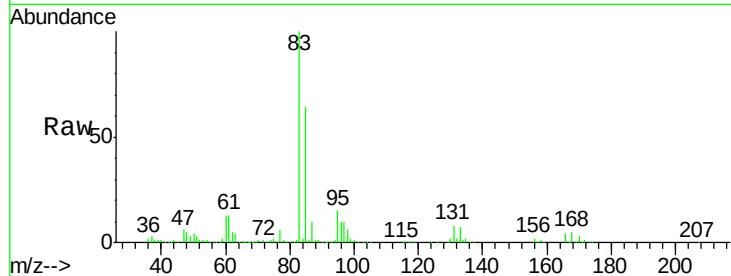
Tgt Ion: 83 Resp: 259742

Ion Ratio Lower Upper

83 100

131 8.5 4.3 13.1

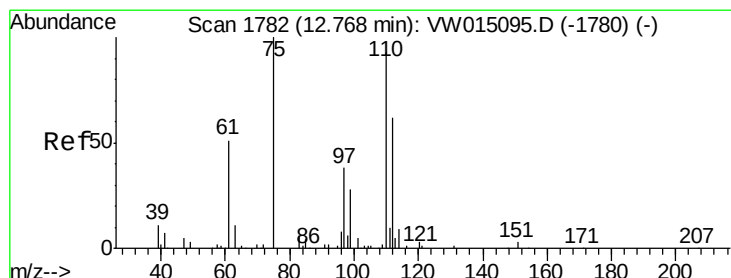
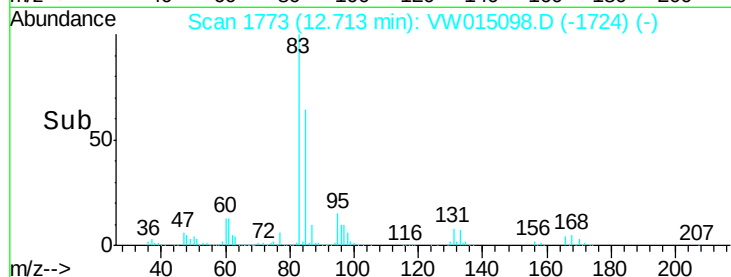
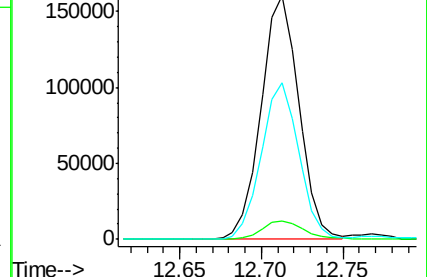
85 63.7 31.5 94.5



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: 89.89 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW015098.D

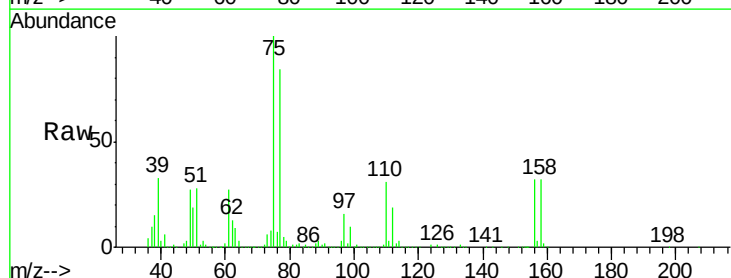
Acq: 09 Mar 2020 13:25

Tgt Ion: 75 Resp: 353489

Ion Ratio Lower Upper

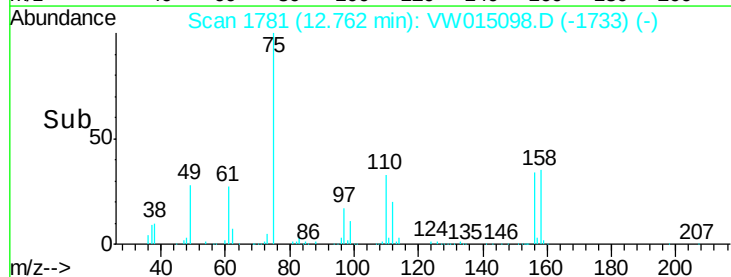
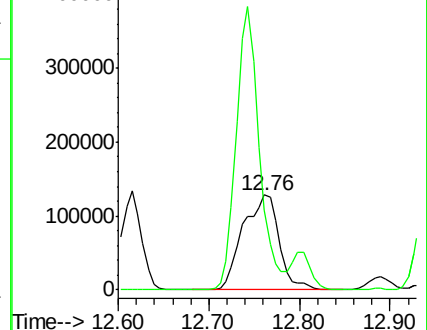
75 100

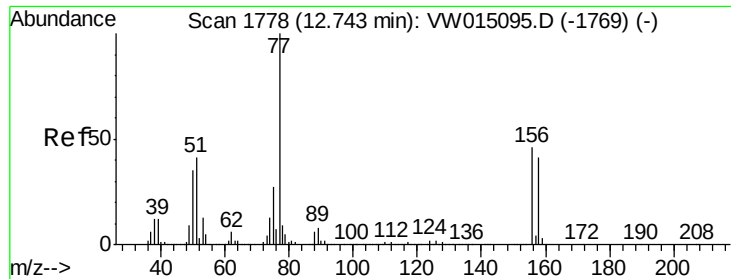
77 193.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

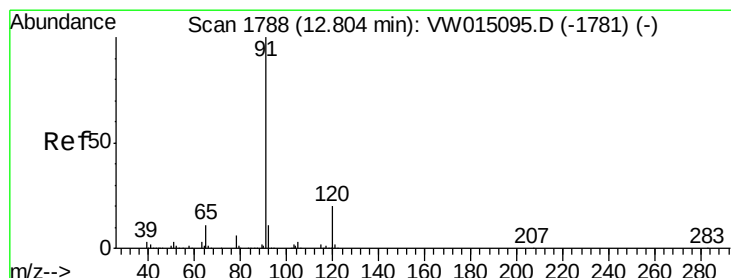
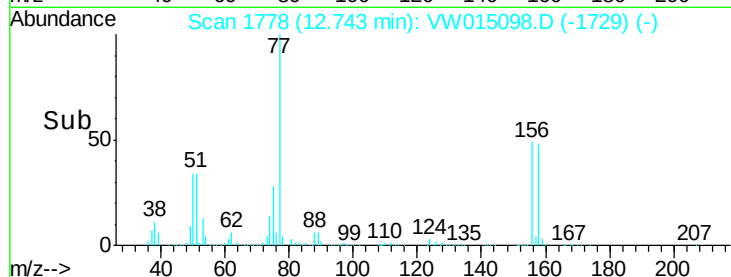
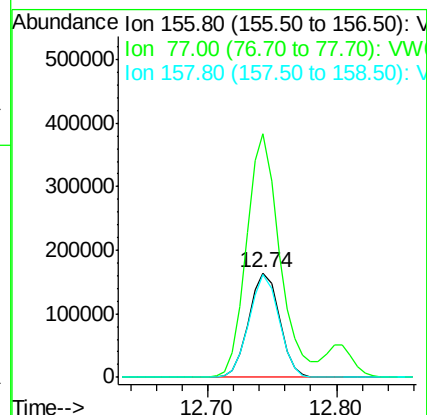
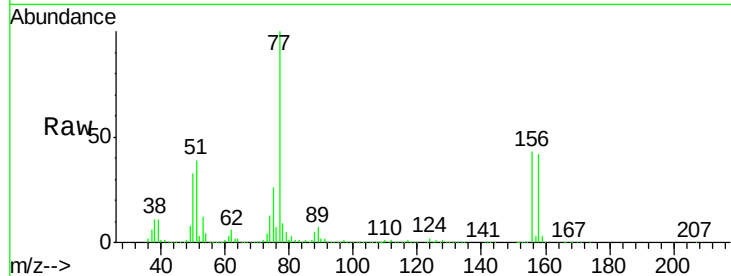




#77
Bromobenzene
Concen: 51.35 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

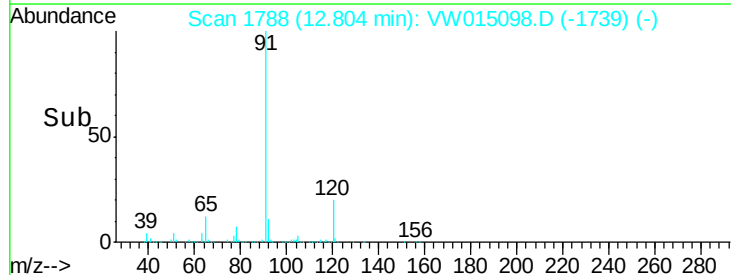
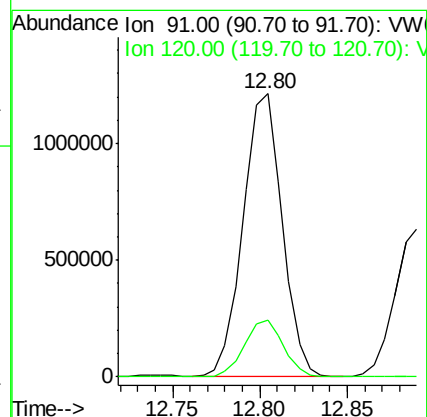
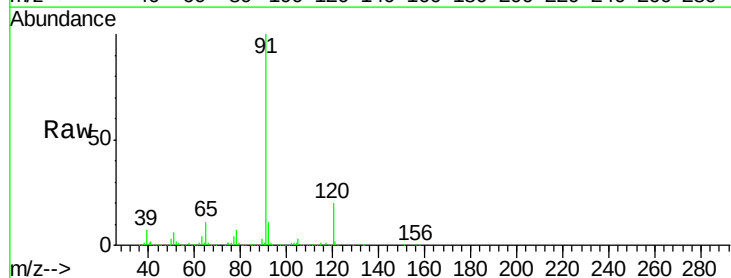
Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

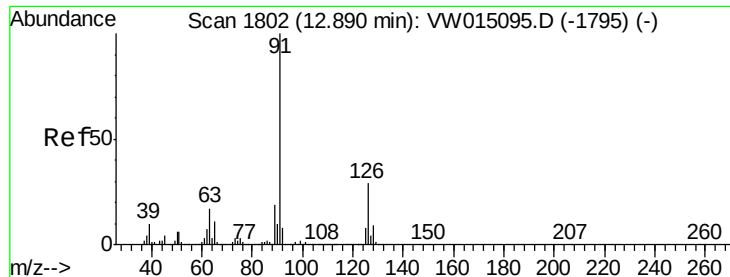
Tgt Ion:156 Resp: 269784
Ion Ratio Lower Upper
156 100
77 253.3 126.6 379.8
158 96.1 47.4 142.2



#78
n-propylbenzene
Concen: 54.53 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion: 91 Resp: 1883571
Ion Ratio Lower Upper
91 100
120 20.0 10.2 30.4





#79

2-Chlorotoluene

Concen: 52.94 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

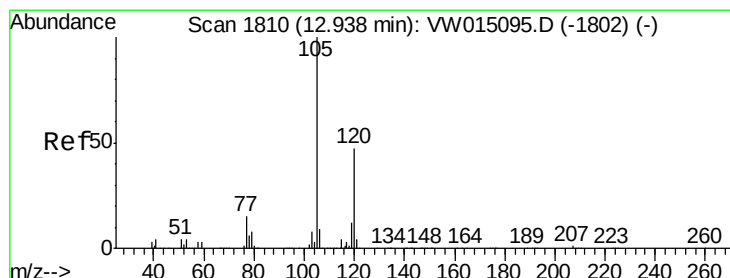
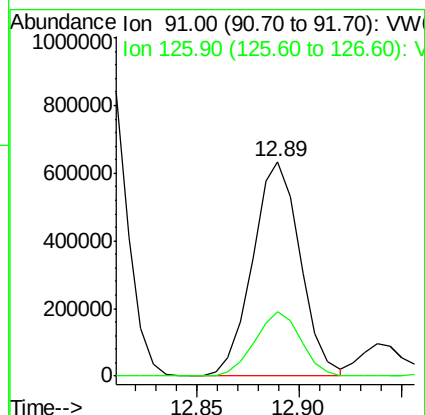
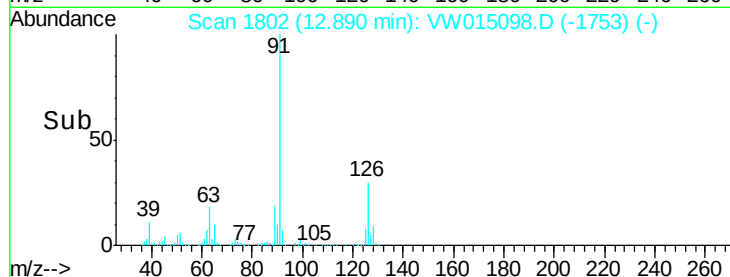
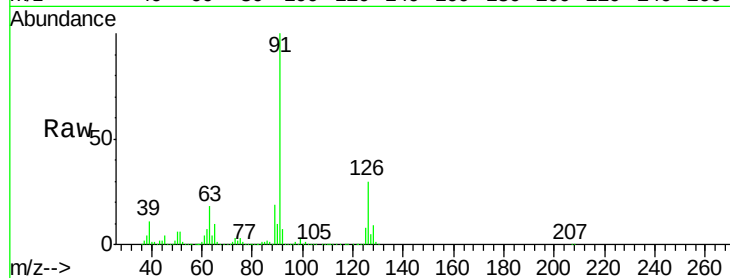
ICVW030920

Tgt Ion: 91 Resp: 1028140

Ion Ratio Lower Upper

91 100

126 29.3 14.5 43.6



#80

1,3,5-Trimethylbenzene

Concen: 53.28 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW015098.D

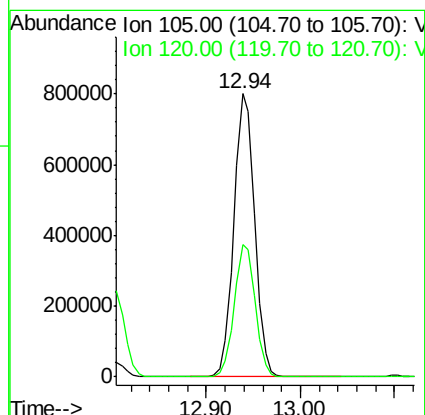
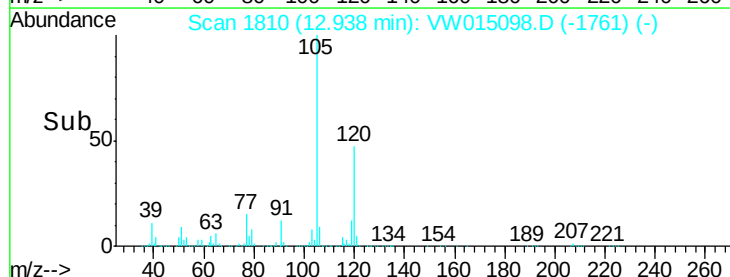
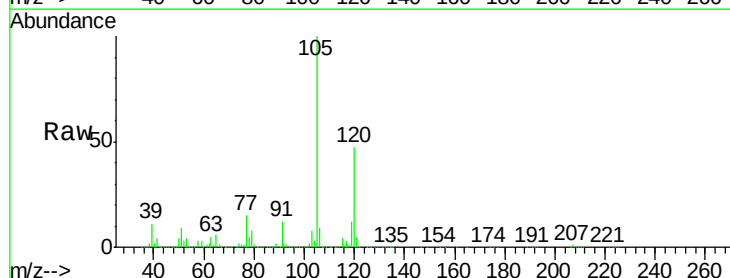
Acq: 09 Mar 2020 13:25

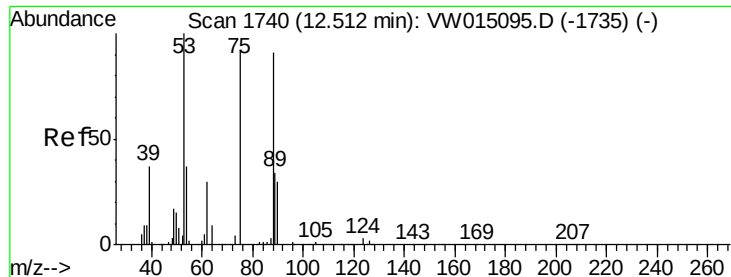
Tgt Ion: 105 Resp: 1217699

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.14 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

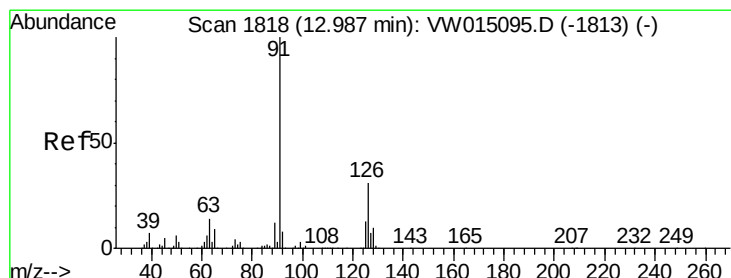
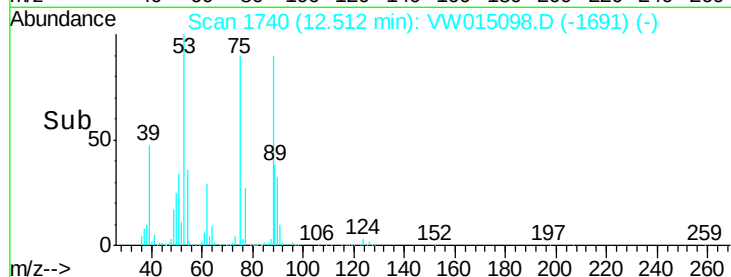
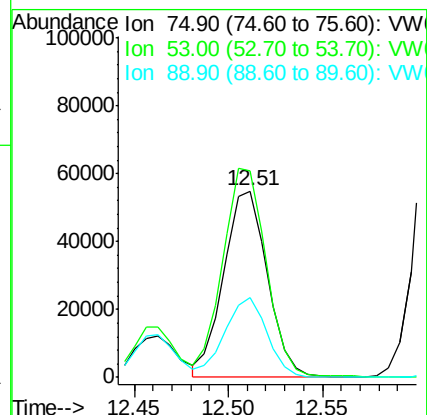
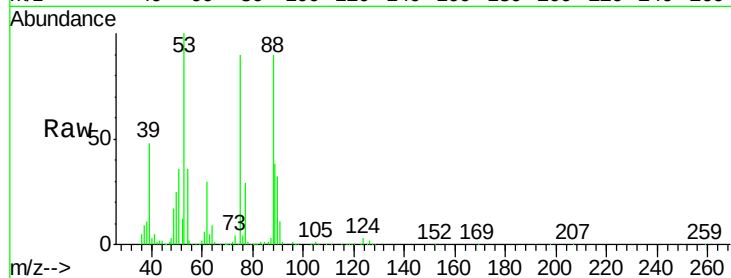
Tgt Ion: 75 Resp: 87304

Ion Ratio Lower Upper

75 100

53 112.9 88.4 132.6

89 41.8 33.1 49.7



#82

4-Chlorotoluene

Concen: 52.13 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW015098.D

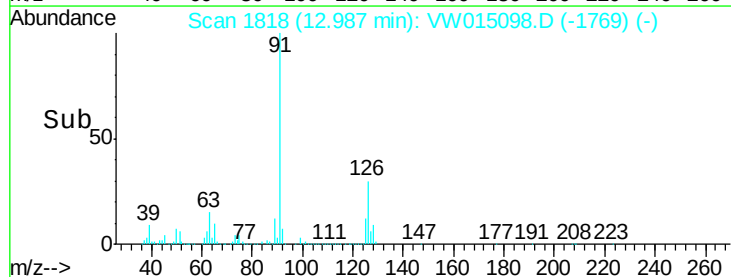
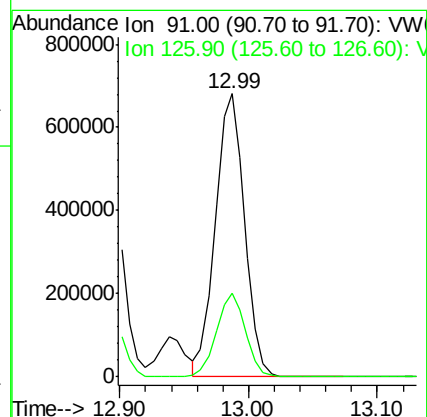
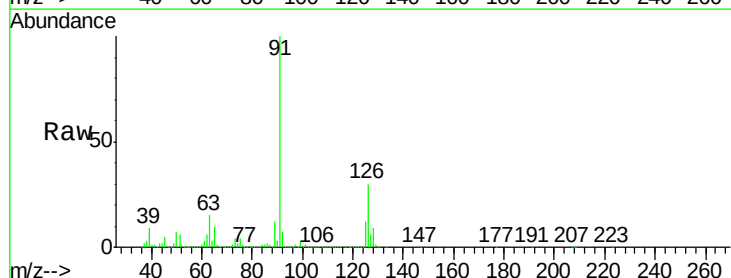
Acq: 09 Mar 2020 13:25

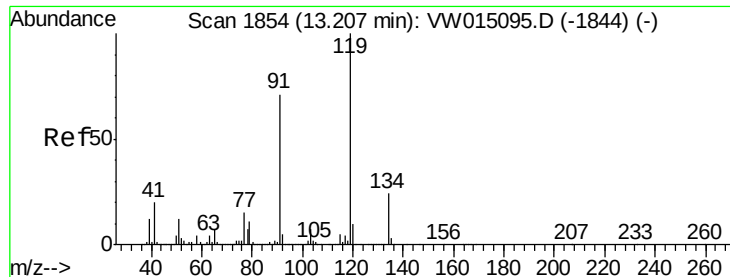
Tgt Ion: 91 Resp: 1078133

Ion Ratio Lower Upper

91 100

126 29.4 14.8 44.4





#83

tert-Butylbenzene

Concen: 54.45 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

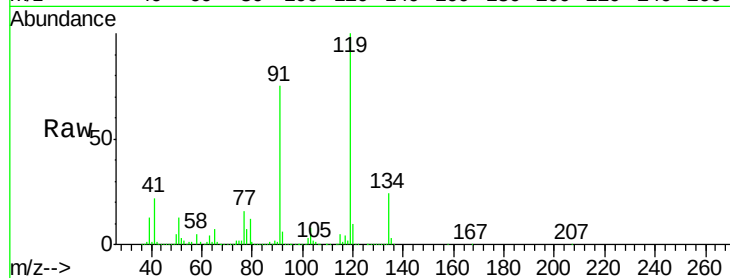
Tgt Ion:119 Resp: 1008141

Ion Ratio Lower Upper

119 100

91 71.7 35.7 107.1

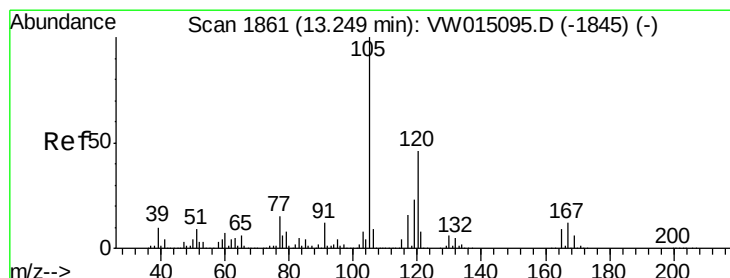
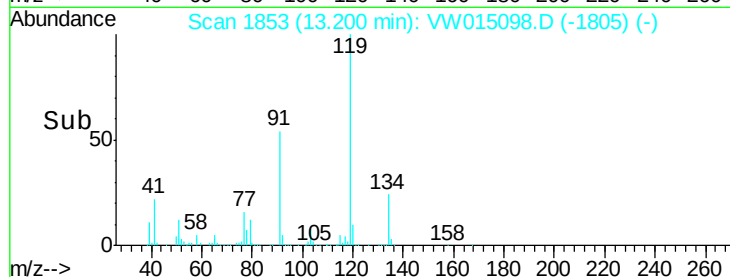
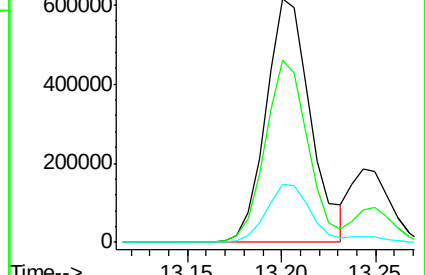
134 25.4 12.7 38.1



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



#84

1,2,4-Trimethylbenzene

Concen: 53.93 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW015098.D

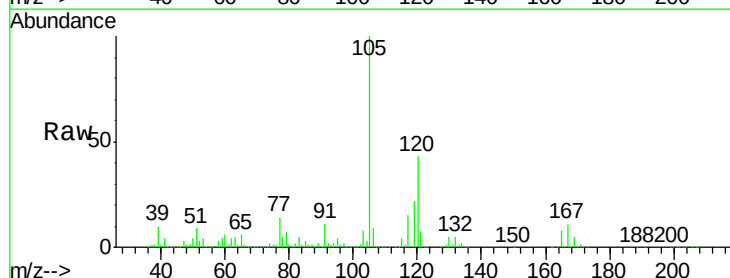
Acq: 09 Mar 2020 13:25

Tgt Ion:105 Resp: 1232319

Ion Ratio Lower Upper

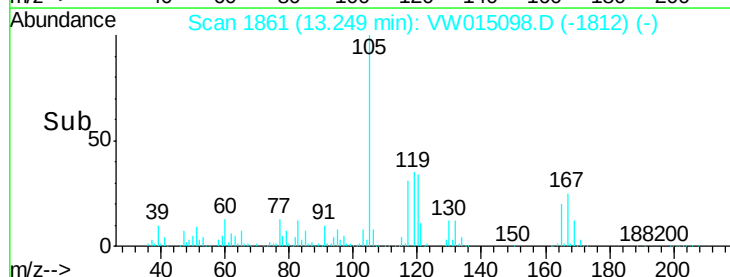
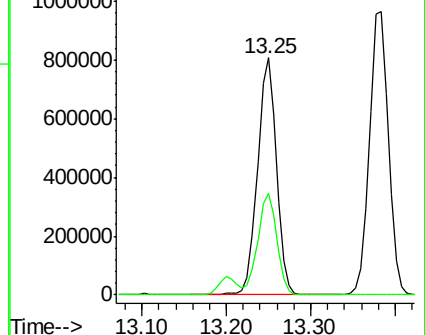
105 100

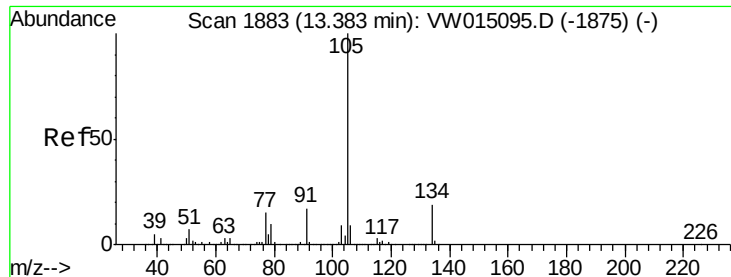
120 43.2 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

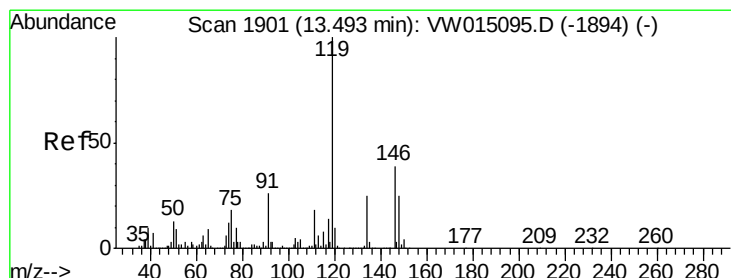
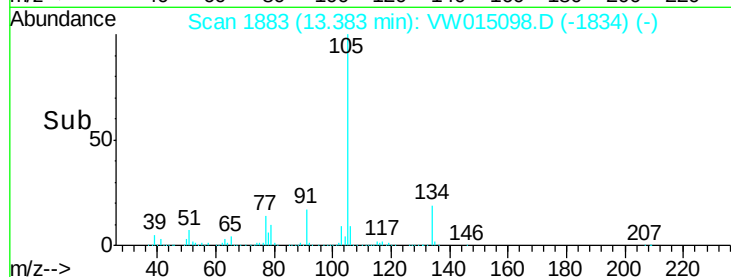
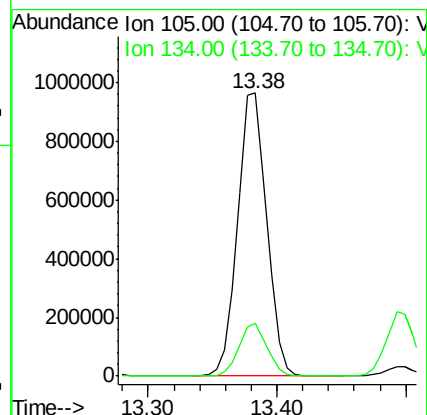
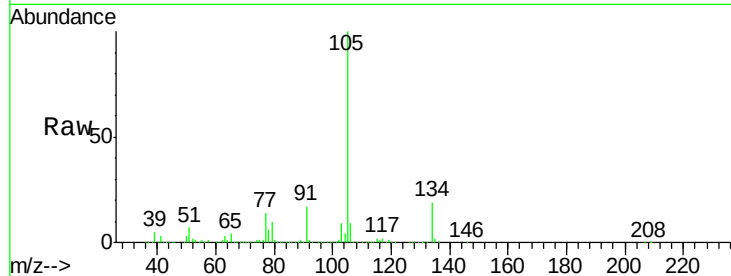




#85
 sec-Butylbenzene
 Concen: 53.92 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

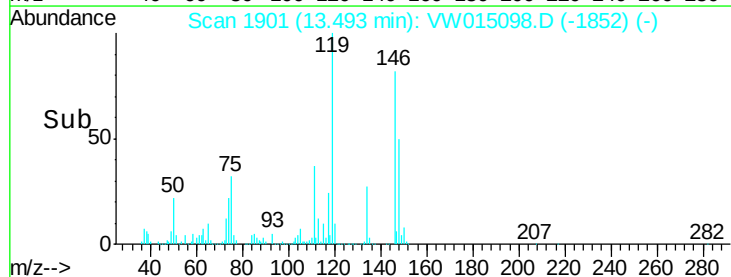
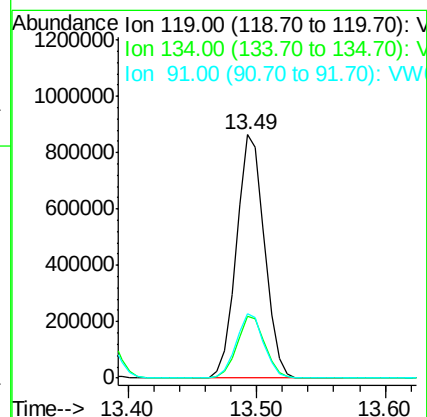
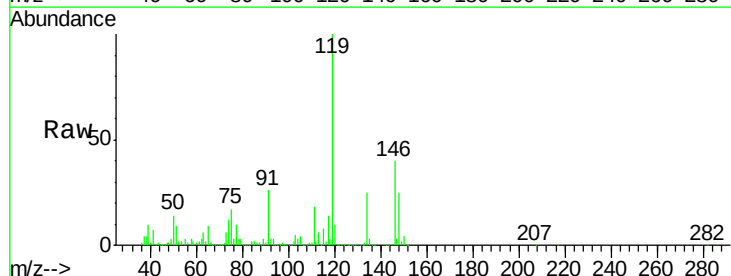
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

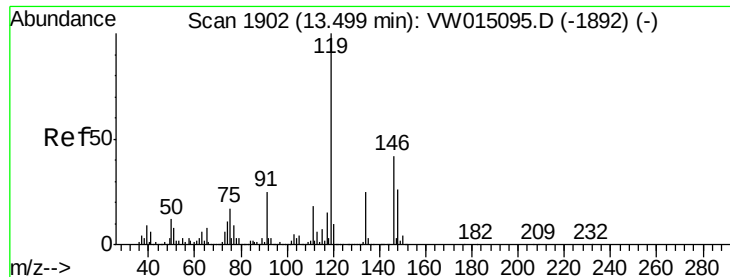
Tgt Ion:105 Resp: 1510895
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 54.04 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion:119 Resp: 1301539
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 26.1 12.9 38.6

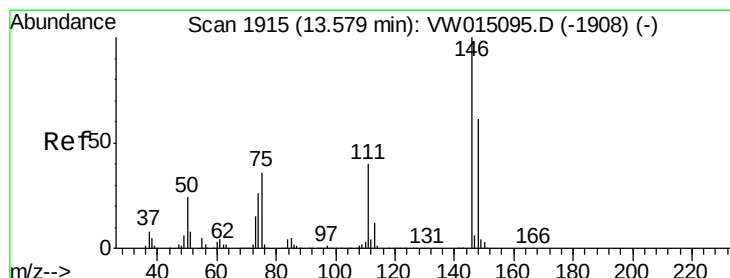
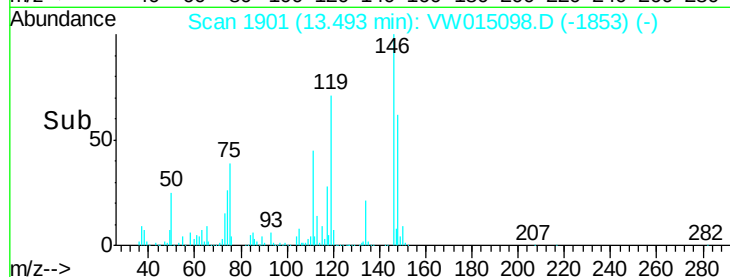
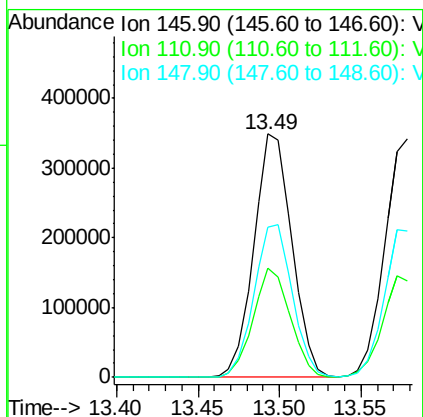
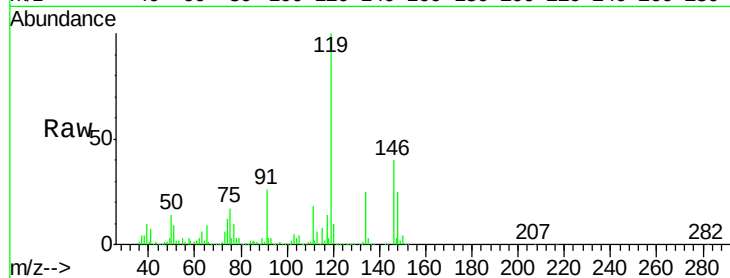




#87
 1,3-Dichlorobenzene
 Concen: 50.60 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

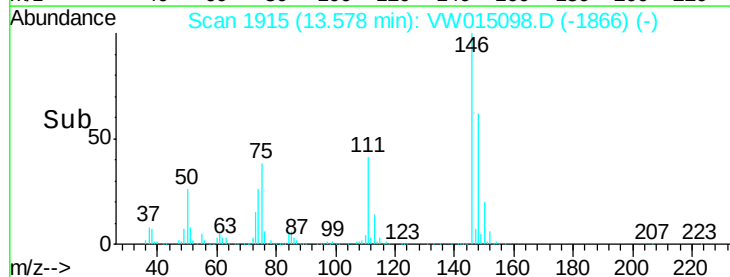
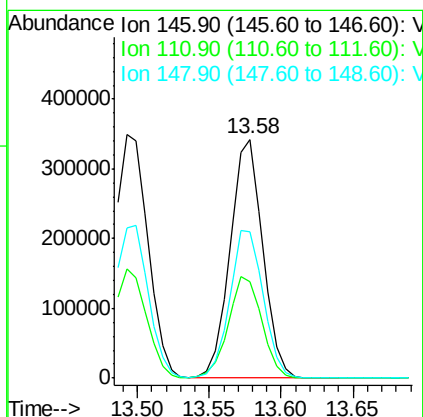
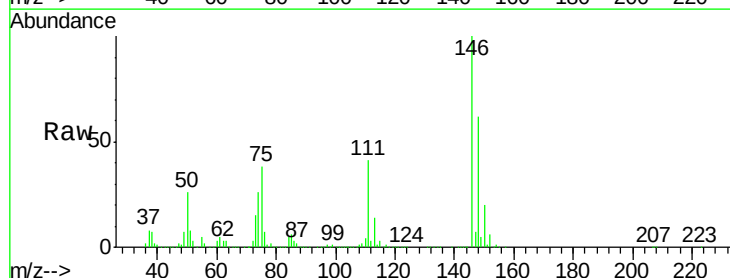
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

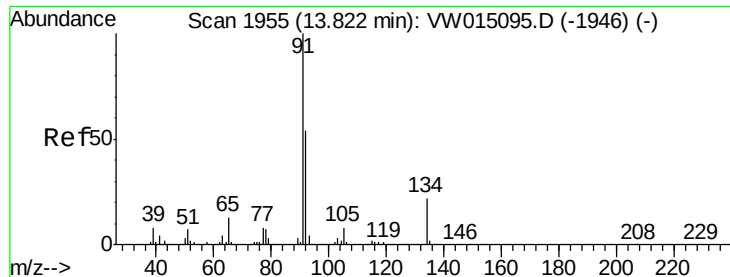
Tgt Ion:146 Resp: 563262
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.5 67.5
 148 63.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.50 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion:146 Resp: 542560
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.3 63.9
 148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 54.70 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015098.D

Acq: 09 Mar 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW030920

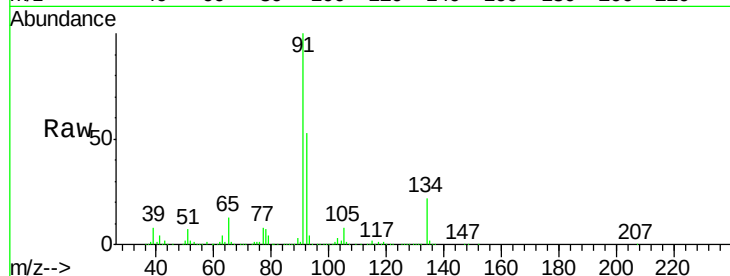
Tgt Ion: 91 Resp: 1420910

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.3

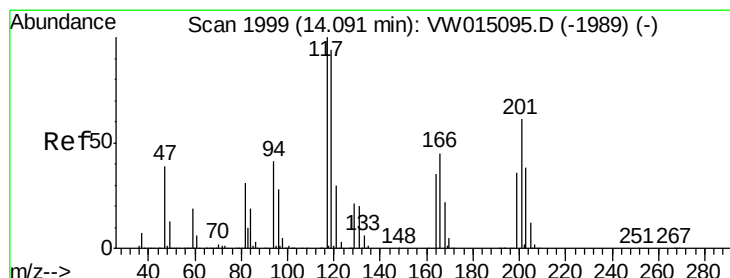
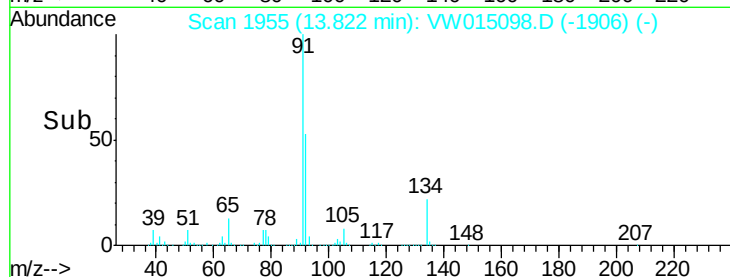
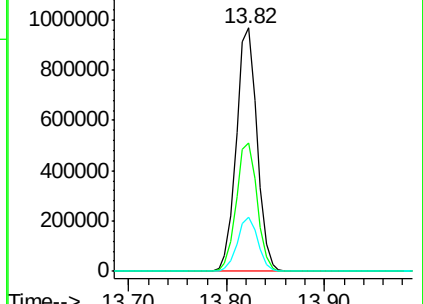
134 22.0 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.20 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW015098.D

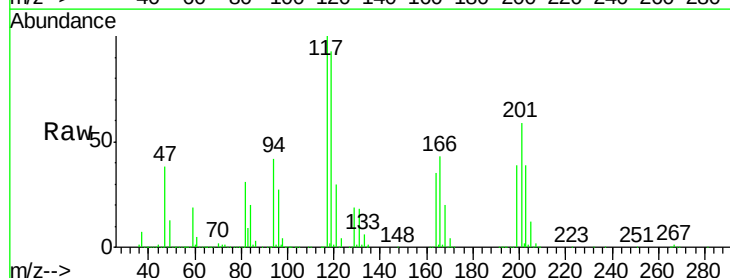
Acq: 09 Mar 2020 13:25

Tgt Ion: 117 Resp: 242500

Ion Ratio Lower Upper

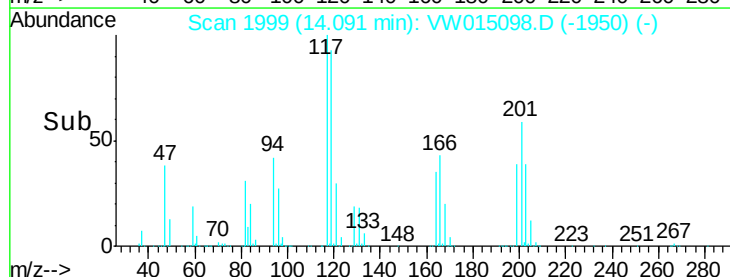
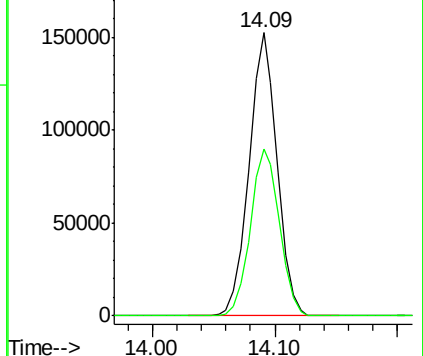
117 100

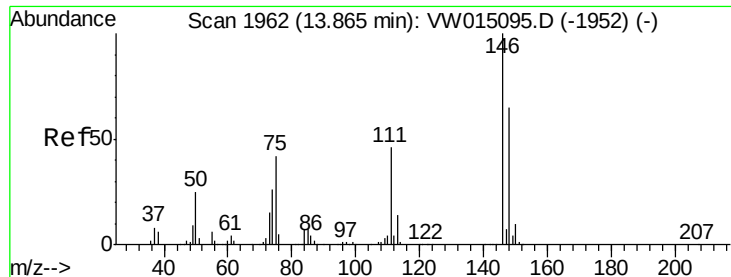
201 61.2 30.3 90.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

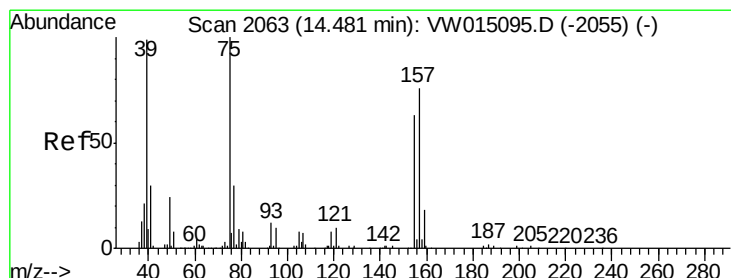
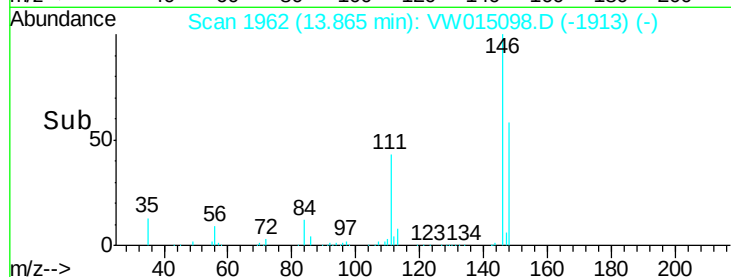
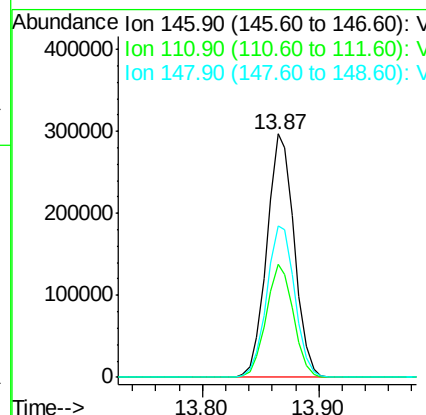
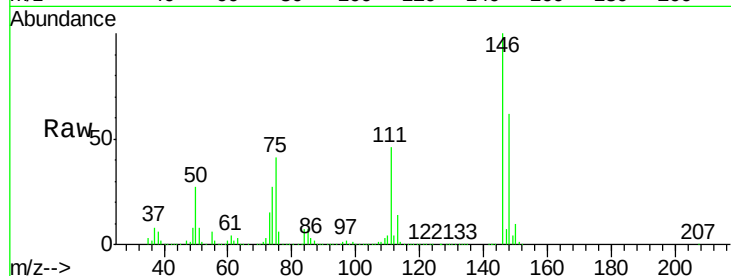




#91
 1,2-Dichlorobenzene
 Concen: 49.88 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

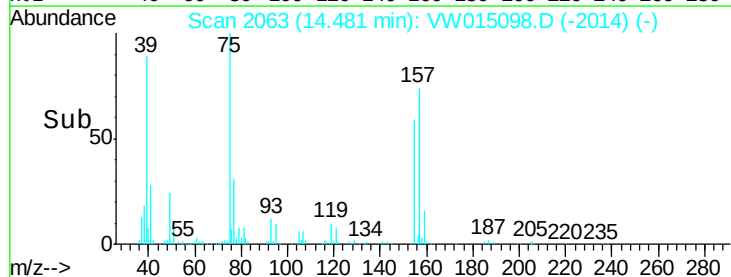
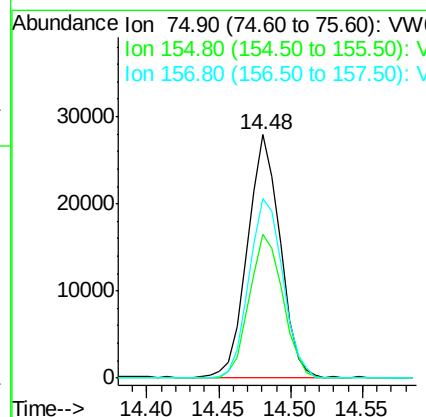
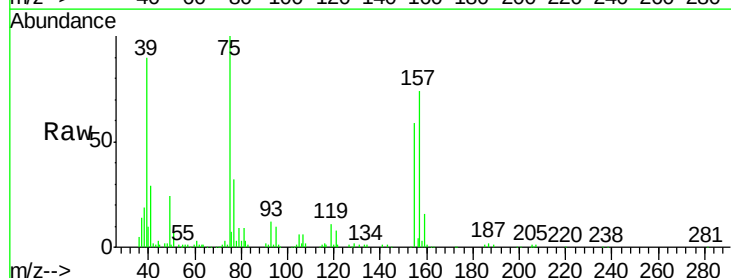
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

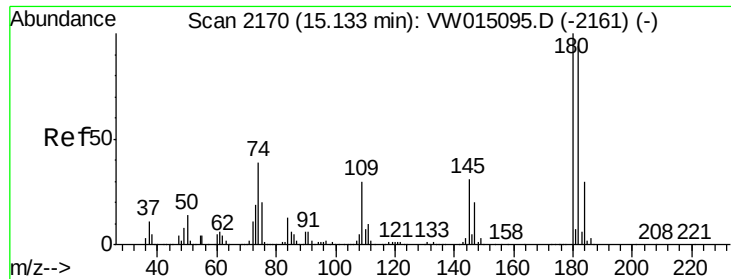
Tgt Ion:146 Resp: 486274
 Ion Ratio Lower Upper
 146 100
 111 46.0 23.1 69.2
 148 63.6 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.77 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion: 75 Resp: 44006
 Ion Ratio Lower Upper
 75 100
 155 60.3 32.1 96.3
 157 76.2 39.6 118.7

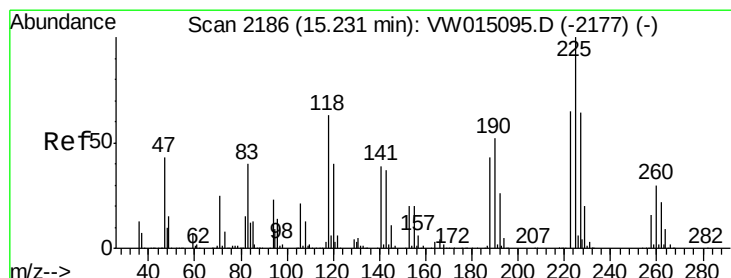
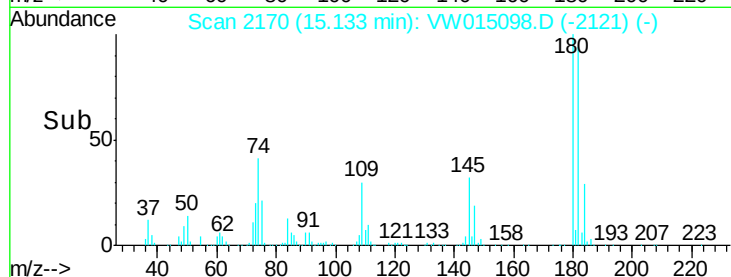
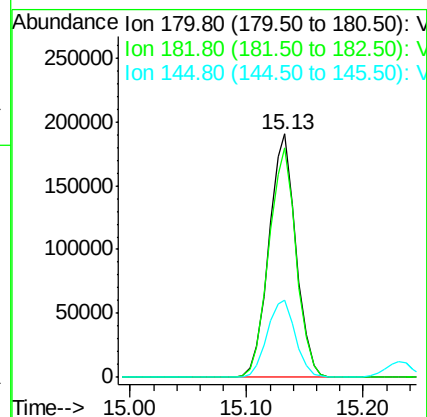
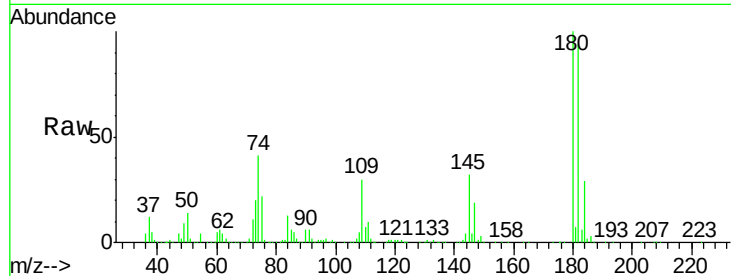




#93
 1,2,4-Trichlorobenzene
 Concen: 55.00 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

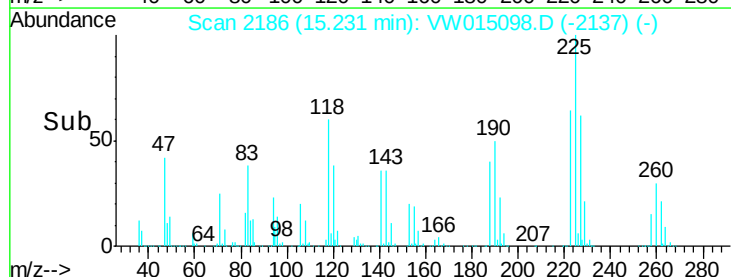
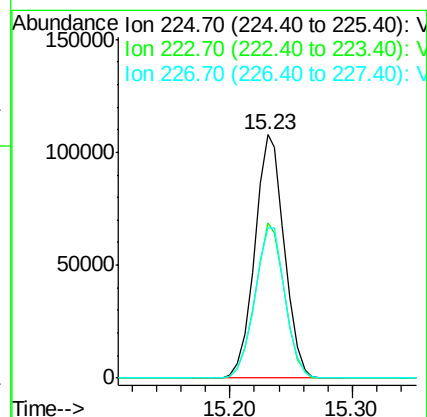
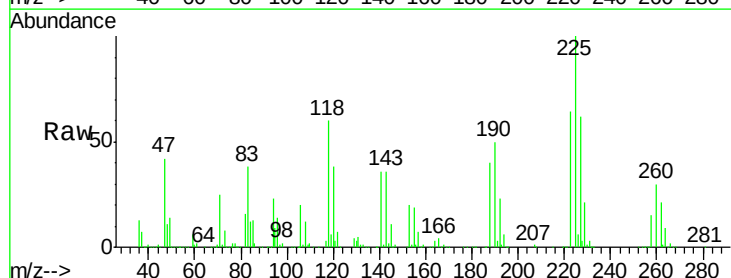
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

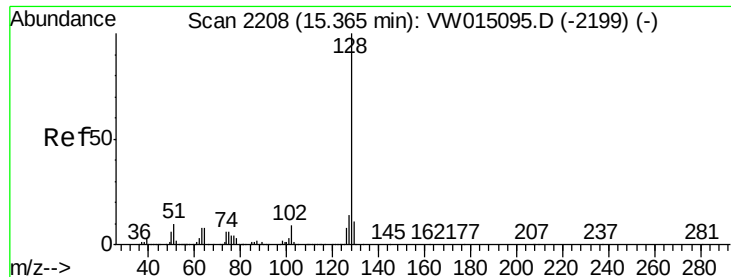
Tgt Ion:180 Resp: 306832
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 33.1 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 51.57 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW015098.D
 Acq: 09 Mar 2020 13:25

Tgt Ion:225 Resp: 180640
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.5 97.4
 227 63.4 33.0 99.0

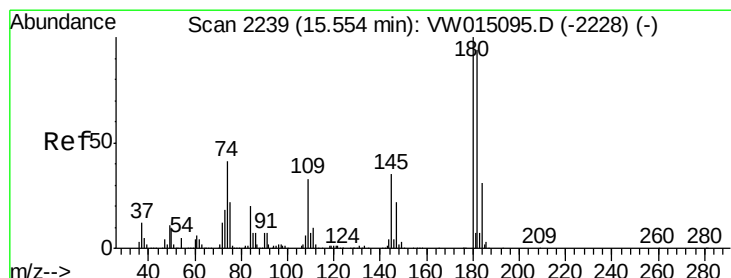
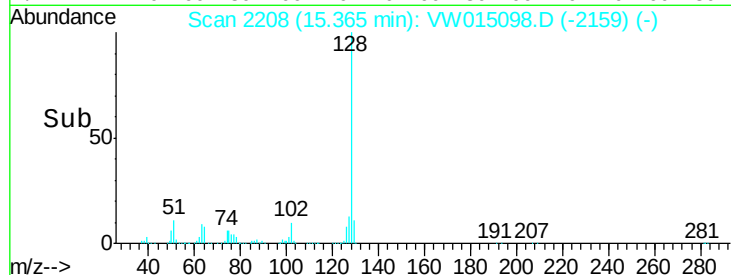
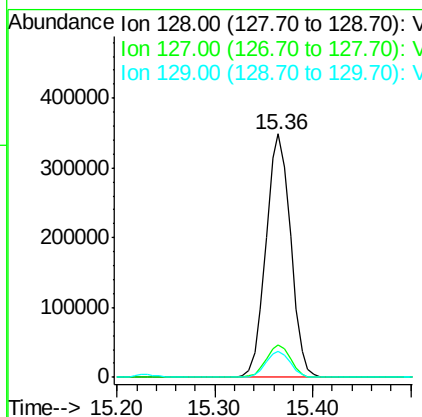
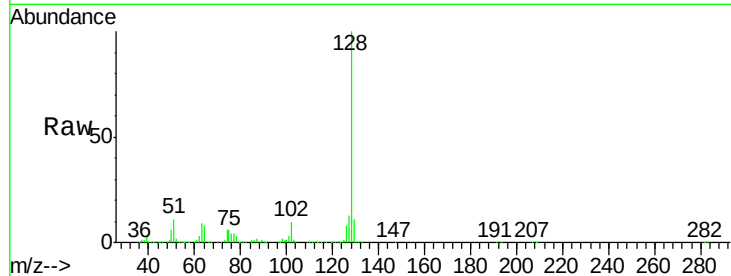




#95
Naphthalene
Concen: 50.08 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW030920

Tgt Ion:128 Resp: 611137
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 55.74 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015098.D
Acq: 09 Mar 2020 13:25

Tgt Ion:180 Resp: 275819
Ion Ratio Lower Upper
180 100
182 93.5 47.9 143.7
145 34.2 17.5 52.6

