

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015095.D
 Acq On : 09 Mar 2020 11:55
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 09 18:37:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:33:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	431696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	784532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	711246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	329371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	328889	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.88	113	244647	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.32	98	1055309	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.62	95	360700	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	120936	46.20	ug/l	100
3) Chloromethane	2.21	50	260408	46.36	ug/l	100
4) Vinyl Chloride	2.36	62	357443	48.60	ug/l	100
5) Bromomethane	2.78	94	195803	46.58	ug/l	100
6) Chloroethane	2.92	64	213168	50.04	ug/l	100
7) Trichlorofluoromethane	3.25	101	189167	51.40	ug/l	100
8) Diethyl Ether	3.68	74	146014	52.07	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	276028	49.20	ug/l	100
10) Methyl Iodide	4.27	142	313846	50.29	ug/l	100
11) Tert butyl alcohol	5.16	59	92352	253.16	ug/l	100
12) 1,1-Dichloroethene	4.04	96	277065	50.51	ug/l	100
13) Acrolein	3.89	56	137518	257.76	ug/l	100
14) Allyl chloride	4.67	41	570789	51.93	ug/l	100
15) Acrylonitrile	5.36	53	382663	266.22	ug/l	100
16) Acetone	4.12	43	389053	268.75	ug/l	100
17) Carbon Disulfide	4.39	76	981267	50.46	ug/l	100
18) Methyl Acetate	4.67	43	176819	51.53	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	383495	54.62	ug/l	100
20) Methylene Chloride	4.92	84	308465	46.03	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	298580	51.27	ug/l	100
22) Diisopropyl ether	6.31	45	1136633	53.89	ug/l	100
23) Vinyl Acetate	6.25	43	3464192	278.24	ug/l	100
24) 1,1-Dichloroethane	6.21	63	620569	50.46	ug/l	100
25) 2-Butanone	7.17	43	549856	277.07	ug/l	100
26) 2,2-Dichloropropane	7.17	77	346930	49.32	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	313072	51.64	ug/l	100
28) Bromochloromethane	7.51	49	311087	52.79	ug/l	100
29) Tetrahydrofuran	7.52	42	350140	282.07	ug/l	100
30) Chloroform	7.67	83	547358	50.15	ug/l	100
31) Cyclohexane	7.95	56	630027	49.81	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	432183	50.71	ug/l	100
36) 1,1-Dichloropropene	8.08	75	478611	52.61	ug/l	100
37) Ethyl Acetate	7.25	43	241288	53.21	ug/l	100
38) Carbon Tetrachloride	8.07	117	379803	51.28	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	560359	53.87	ug/l	100
40) Benzene	8.32	78	1305204	51.62	ug/l	100
41) Methacrylonitrile	7.48	41	128899	53.75	ug/l	100
42) 1,2-Dichloroethane	8.40	62	400284	51.96	ug/l	100
43) Isopropyl Acetate	8.42	43	442844	54.48	ug/l	100
44) Trichloroethene	9.09	130	275707	51.23	ug/l	100
45) 1,2-Dichloropropane	9.37	63	354482	52.06	ug/l	100
46) Dibromomethane	9.46	93	152592	51.54	ug/l	100
47) Bromodichloromethane	9.64	83	408403	51.67	ug/l	100
48) Methyl methacrylate	9.43	41	208725	55.63	ug/l	100
49) 1,4-Dioxane	9.45	88	53042	1170.13	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1200407	267.34	ug/l	100
52) Toluene	10.38	92	767701	52.85	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	416593	53.57	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	500847	52.87	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	213340	52.59	ug/l	100
56) Ethyl methacrylate	10.64	69	295921	56.53	ug/l	100
57) 1,3-Dichloropropane	10.93	76	411043	53.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	865200	281.69	ug/l	100
59) 2-Hexanone	10.96	43	813427	290.03	ug/l	100
60) Dibromochloromethane	11.12	129	223502	53.34	ug/l	100
61) 1,2-Dibromoethane	11.23	107	189734	52.75	ug/l	100
64) Tetrachloroethene	10.86	164	211750	51.59	ug/l	100
65) Chlorobenzene	11.66	112	734759	51.47	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	245982	51.74	ug/l	100
67) Ethyl Benzene	11.73	91	1487277	53.54	ug/l	100
68) m/p-Xylenes	11.83	106	1057657	107.70	ug/l	100
69) o-Xylene	12.16	106	479228	54.17	ug/l	100
70) Styrene	12.18	104	837277	55.24	ug/l	100
71) Bromoform	12.35	173	113361	53.73	ug/l	100
73) Isopropylbenzene	12.46	105	1365413	54.27	ug/l	100
74) N-amyl acetate	12.27	43	415068	55.82	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	269114	52.67	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	356478	58.40	ug/l #	100
77) Bromobenzene	12.74	156	263032	52.89	ug/l	100
78) n-propylbenzene	12.80	91	1782708	54.52	ug/l	100
79) 2-Chlorotoluene	12.89	91	981578	53.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1175912	54.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	89290	54.18	ug/l	100
82) 4-Chlorotoluene	12.99	91	1032172	52.72	ug/l	100
83) tert-Butylbenzene	13.21	119	960919	54.83	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1171678	54.17	ug/l	100
85) sec-Butylbenzene	13.38	105	1444315	54.45	ug/l	100
86) p-Isopropyltoluene	13.49	119	1257737	55.17	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	543363	51.57	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	534873	51.55	ug/l	100
89) n-Butylbenzene	13.82	91	1365009	55.52	ug/l	100
90) Hexachloroethane	14.09	117	234724	51.34	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	483131	52.35	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	43042	52.46	ug/l	100

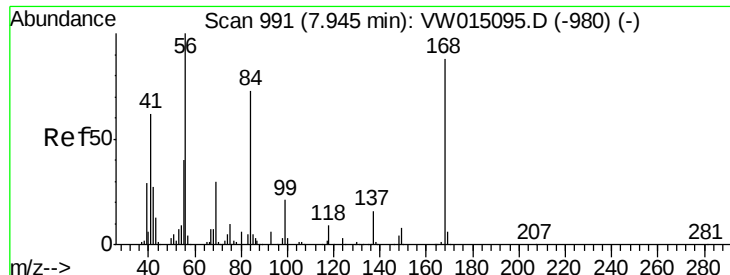
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Quant Title : SW846 8260
QLast Update : Mon Mar 09 18:33:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	294146	55.70	ug/l	100
94) Hexachlorobutadiene	15.23	225	171707	51.79	ug/l	100
95) Naphthalene	15.36	128	594236	60.26	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	255780	54.61	ug/l	100

(#) = 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: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

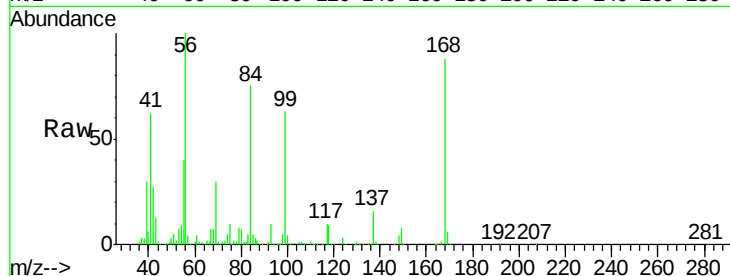
VSTDICCC050

Tgt Ion:168 Resp: 431696

Ion Ratio Lower Upper

168 100

99 71.5 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

200000

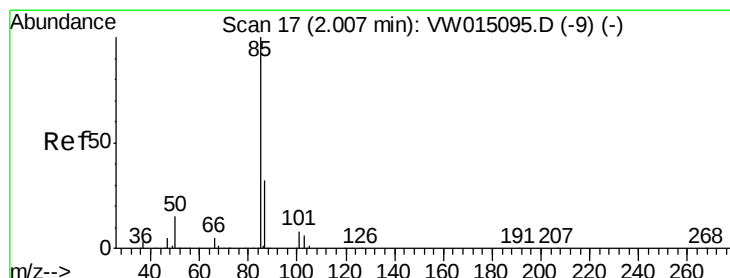
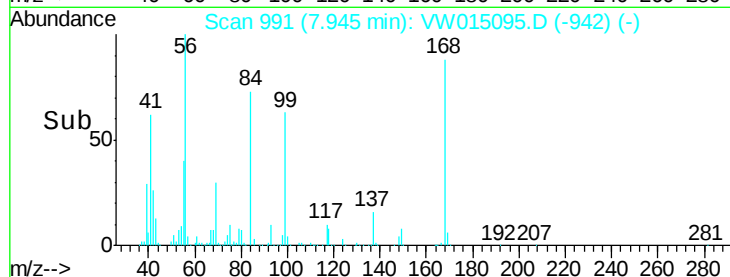
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.20 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015095.D

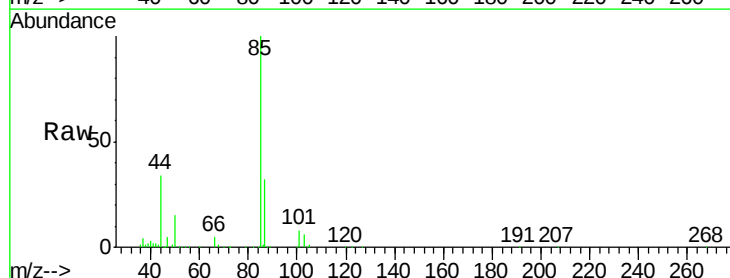
Acq: 09 Mar 2020 11:55

Tgt Ion: 85 Resp: 120936

Ion Ratio Lower Upper

85 100

87 32.3 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

50000

40000

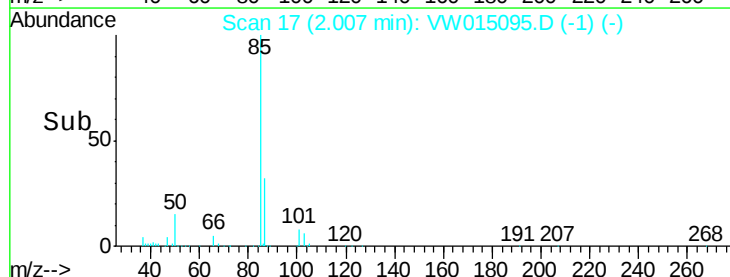
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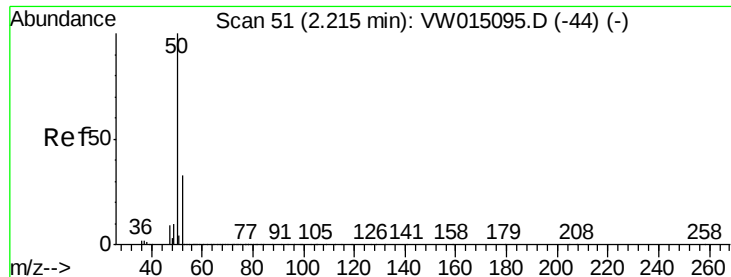
20000

10000

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Time-->





#3

Chloromethane

Concen: 46.36 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

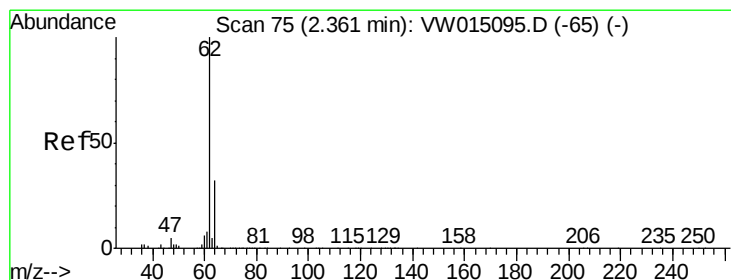
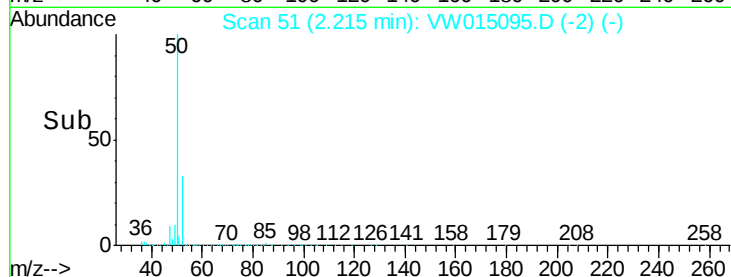
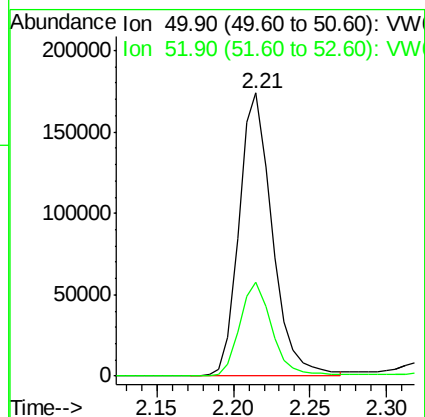
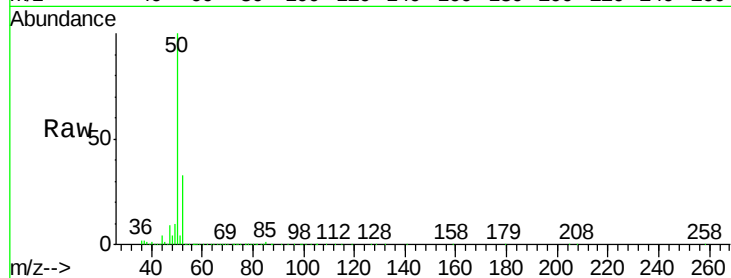
VSTDICCC050

Tgt Ion: 50 Resp: 260408

Ion Ratio Lower Upper

50 100

52 33.3 26.6 40.0



#4

Vinyl Chloride

Concen: 48.60 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015095.D

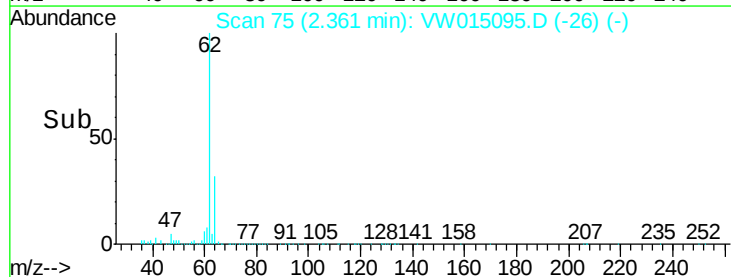
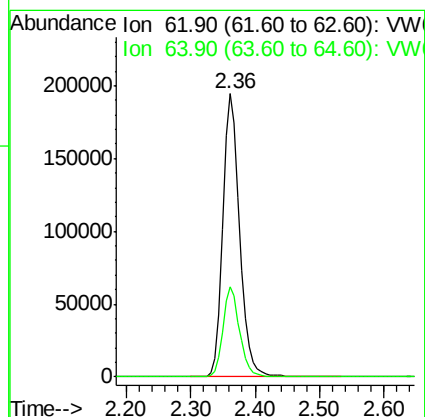
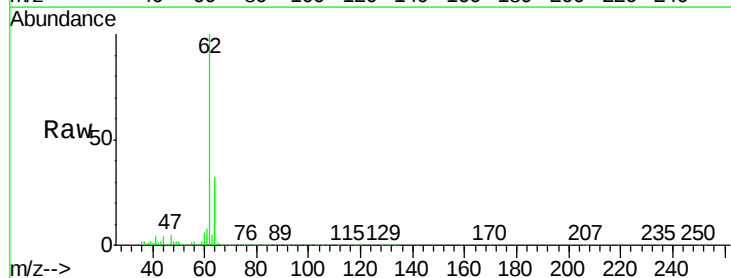
Acq: 09 Mar 2020 11:55

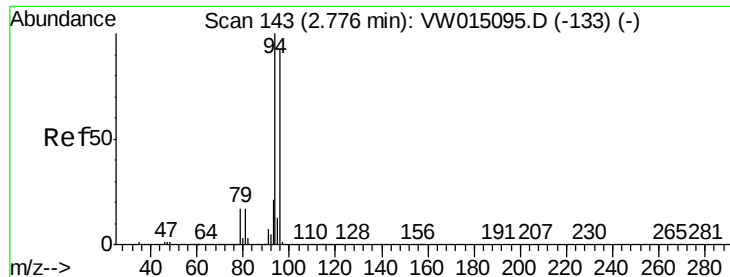
Tgt Ion: 62 Resp: 357443

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 46.58 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

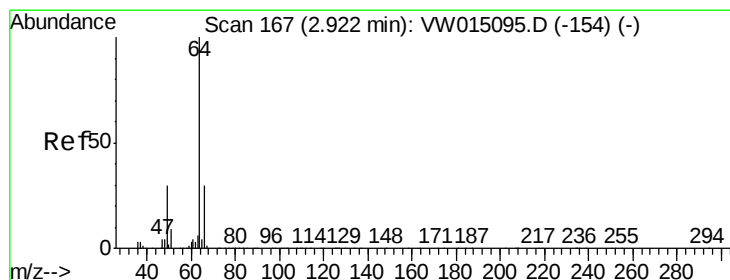
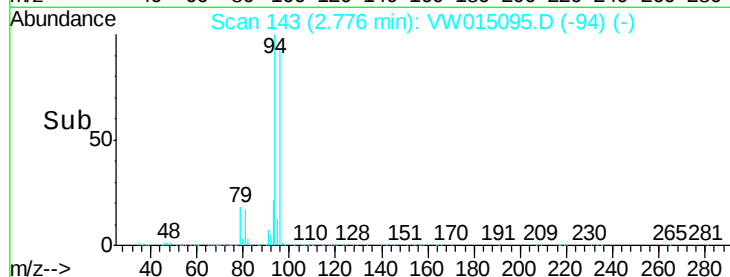
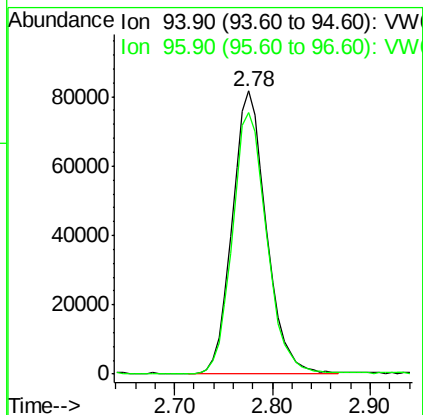
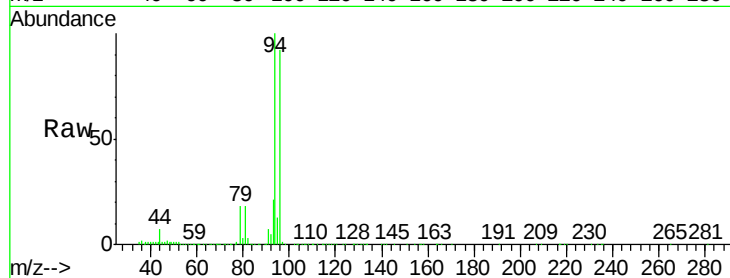
VSTDICCC050

Tgt Ion: 94 Resp: 195803

Ion Ratio Lower Upper

94 100

96 92.5 74.0 111.0



#6

Chloroethane

Concen: 50.04 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015095.D

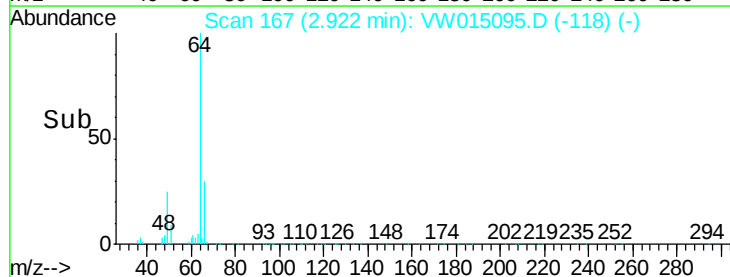
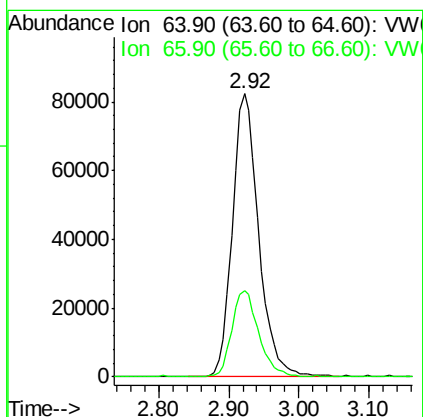
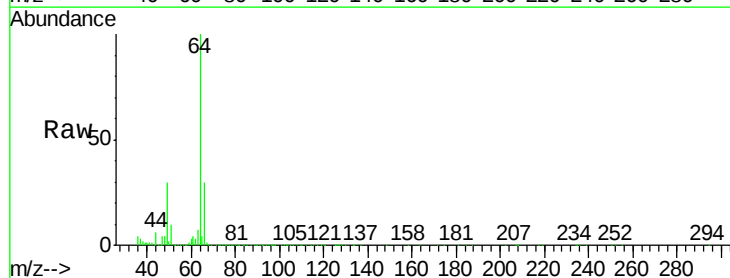
Acq: 09 Mar 2020 11:55

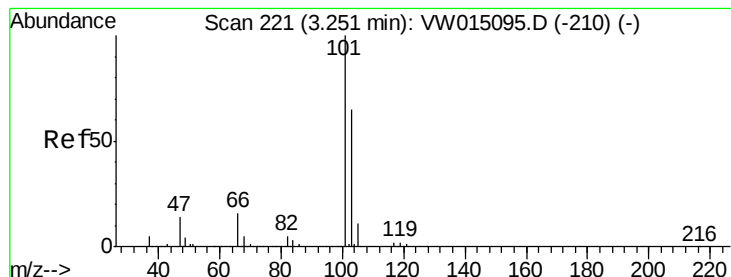
Tgt Ion: 64 Resp: 213168

Ion Ratio Lower Upper

64 100

66 30.2 24.2 36.2



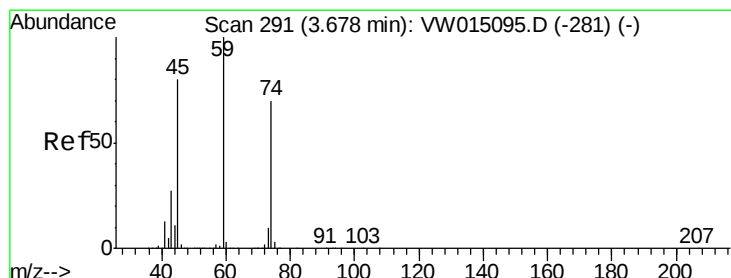
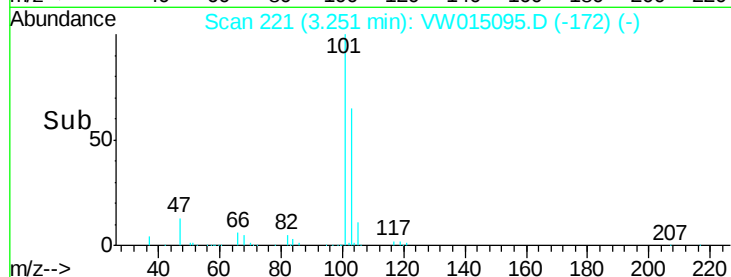
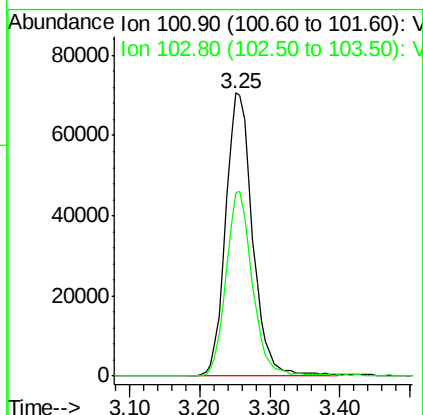
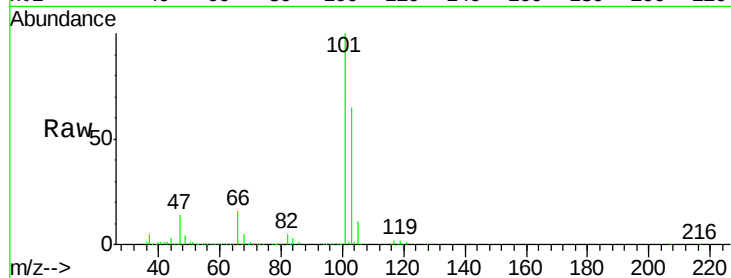


#7

Trichlorofluoromethane
 Concen: 51.40 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
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 ClientSampleId :
 VSTDICCC050

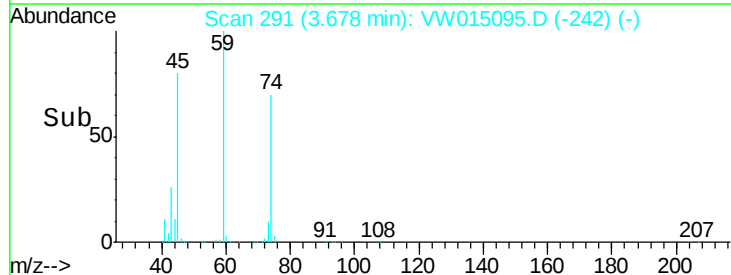
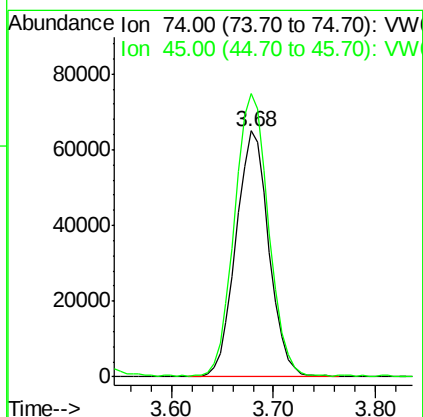
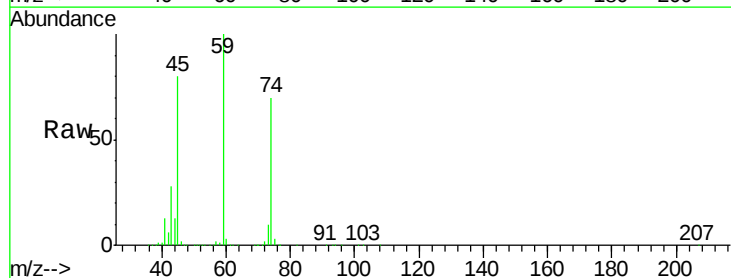
Tgt Ion:101 Resp: 189167
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

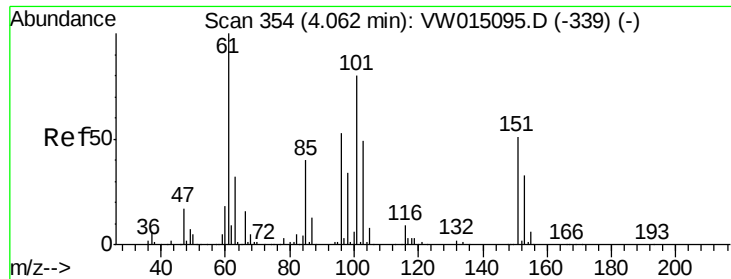


#8

Diethyl Ether
 Concen: 52.07 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 74 Resp: 146014
 Ion Ratio Lower Upper
 74 100
 45 118.3 59.2 177.5

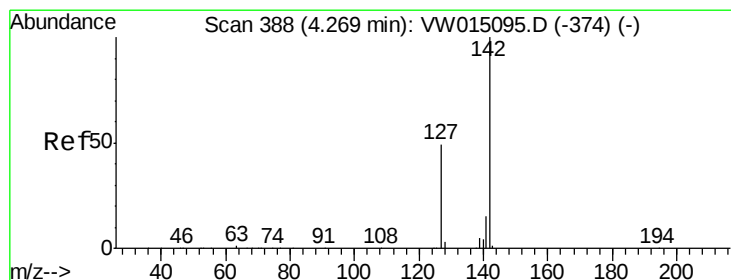
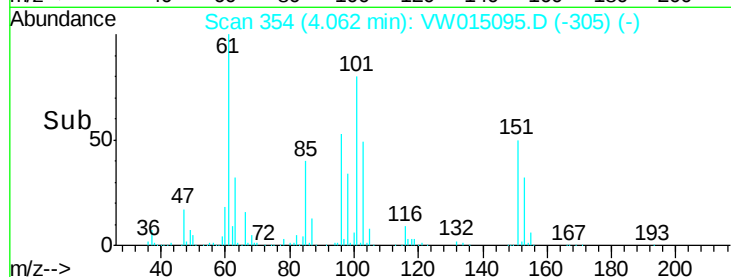
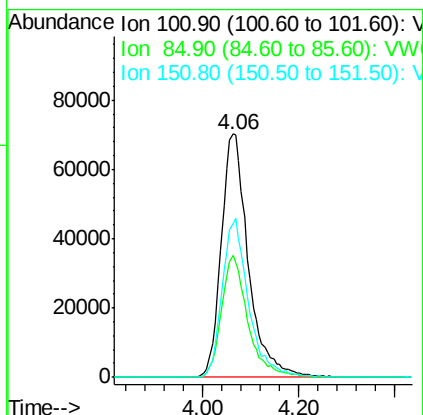
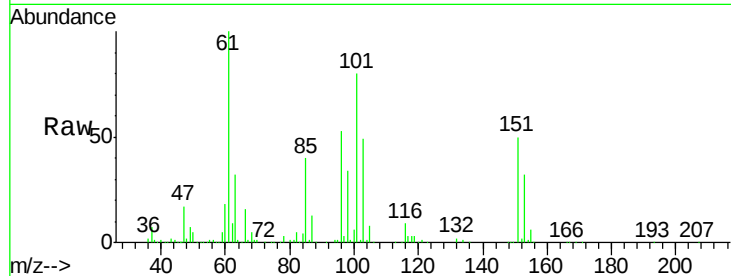




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.20 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

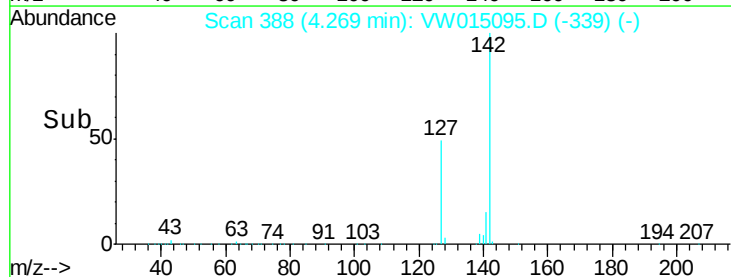
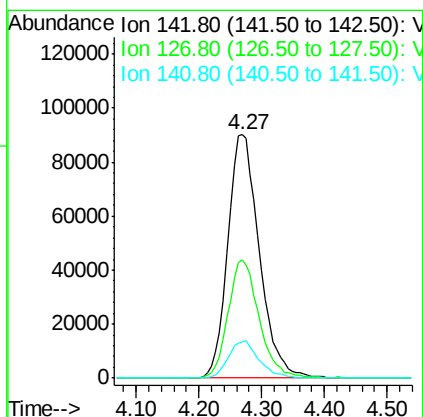
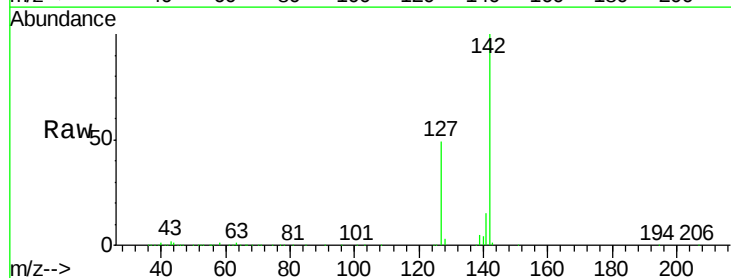
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

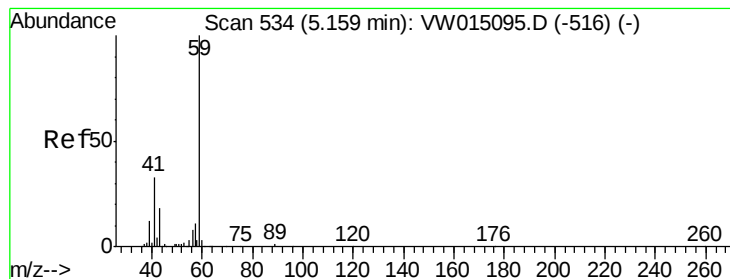
Tgt Ion:101 Resp: 276028
 Ion Ratio Lower Upper
 101 100
 85 48.7 39.0 58.4
 151 63.5 50.8 76.2



#10
 Methyl Iodide
 Concen: 50.29 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion:142 Resp: 313846
 Ion Ratio Lower Upper
 142 100
 127 47.8 38.2 57.4
 141 15.0 12.0 18.0





#11

Tert butyl alcohol

Concen: 253.16 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

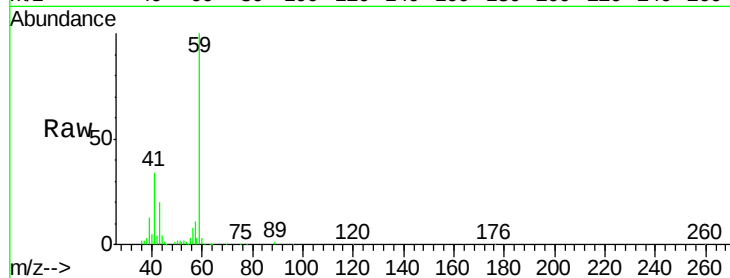
VSTDICCC050

Tgt Ion: 59 Resp: 92352

Ion Ratio Lower Upper

59 100

57 11.4 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

30000

25000

20000

15000

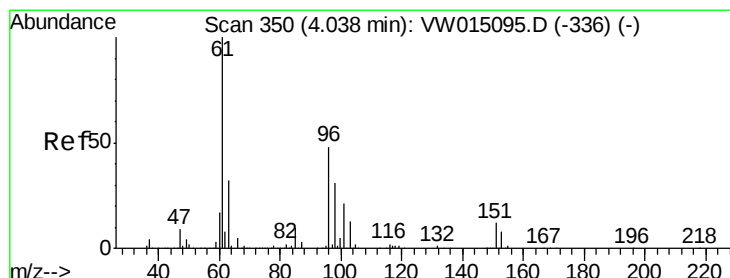
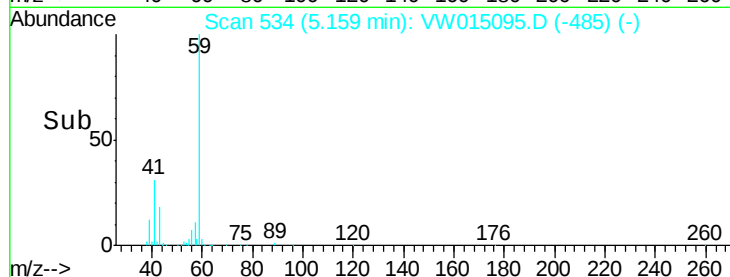
10000

5000

0

5.00 5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 50.51 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

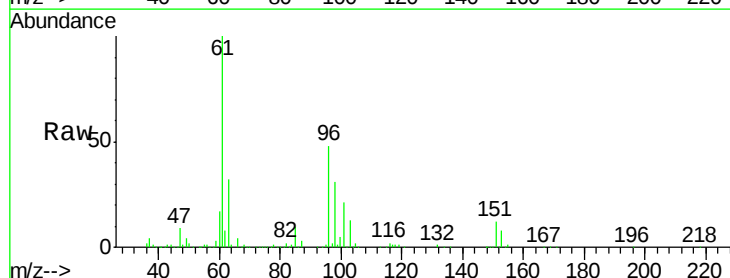
Tgt Ion: 96 Resp: 277065

Ion Ratio Lower Upper

96 100

61 206.9 165.5 248.3

98 63.9 51.1 76.7



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

250000

200000

150000

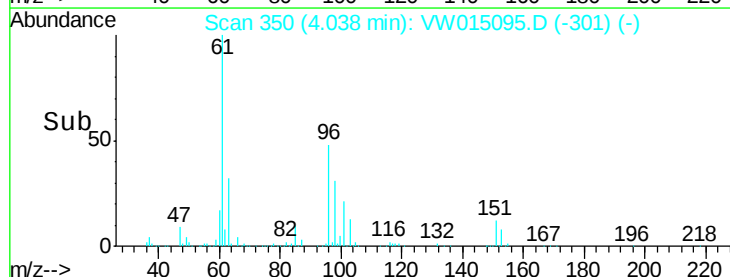
100000

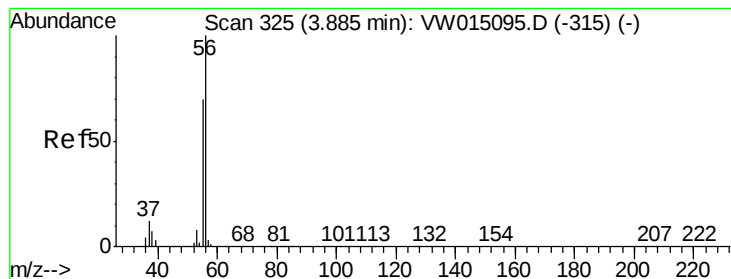
50000

0

3.90 4.00 4.10 4.20 4.30

Time-->





#13

Acrolein

Concen: 257.76 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

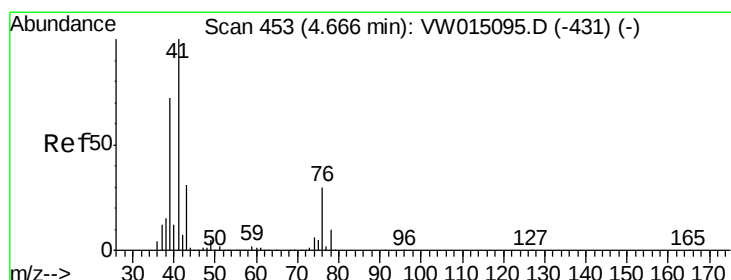
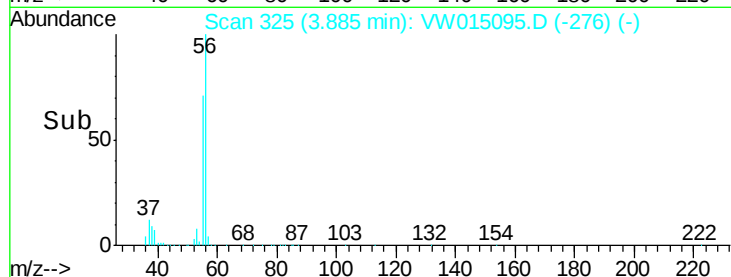
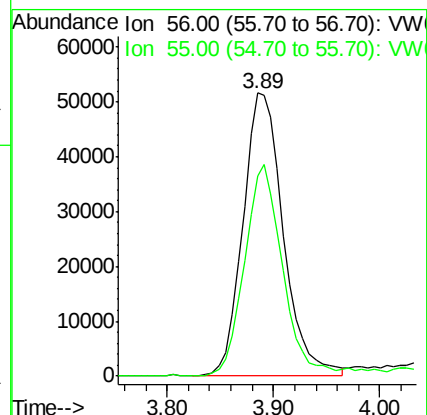
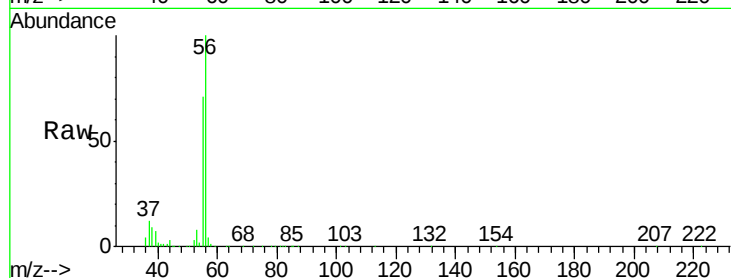
VSTDICCC050

Tgt Ion: 56 Resp: 137518

Ion Ratio Lower Upper

56 100

55 69.3 55.4 83.2



#14

Allyl chloride

Concen: 51.93 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

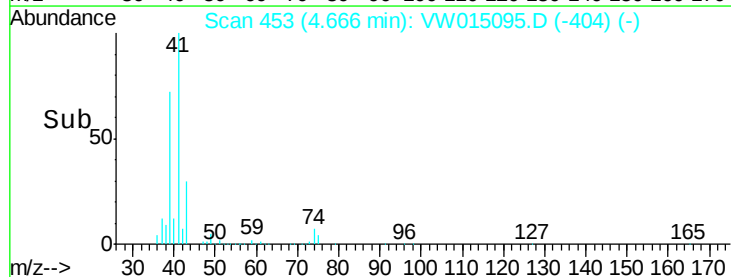
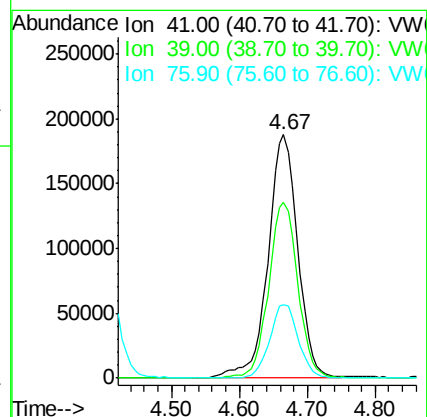
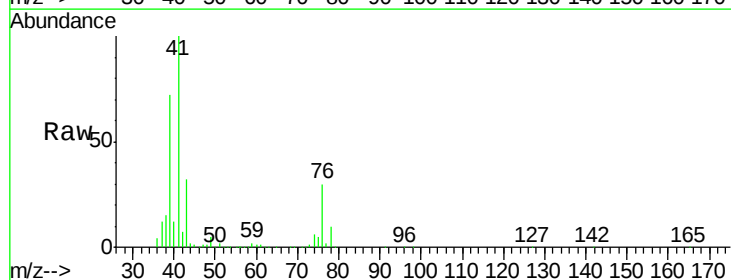
Tgt Ion: 41 Resp: 570789

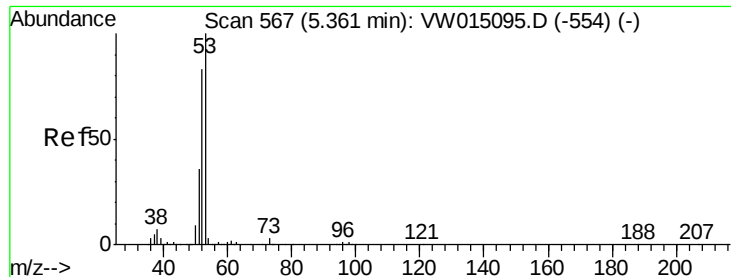
Ion Ratio Lower Upper

41 100

39 71.1 56.9 85.3

76 29.0 23.2 34.8





#15

Acrylonitrile

Concen: 266.22 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

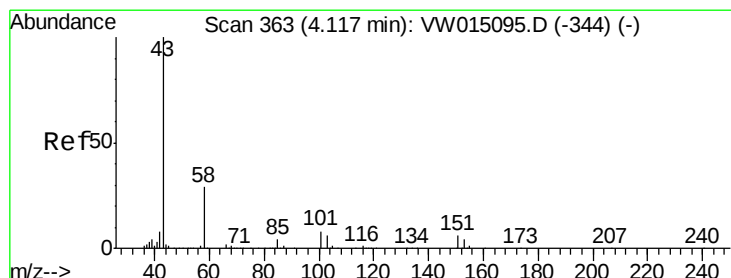
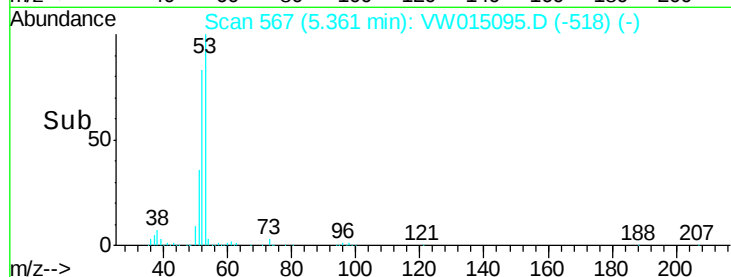
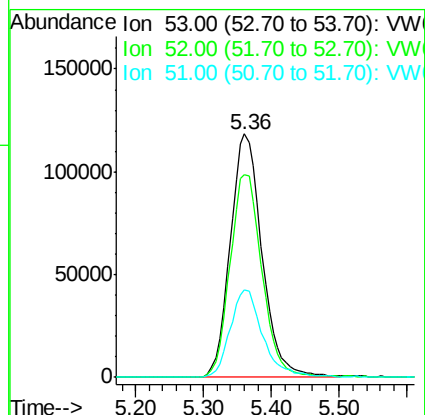
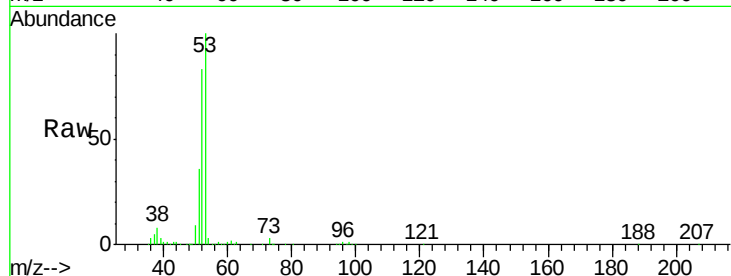
Tgt Ion: 53 Resp: 382663

Ion Ratio Lower Upper

53 100

52 84.0 67.2 100.8

51 37.2 29.8 44.6



#16

Acetone

Concen: 268.75 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015095.D

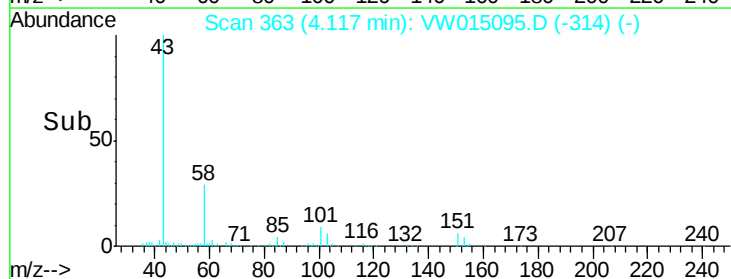
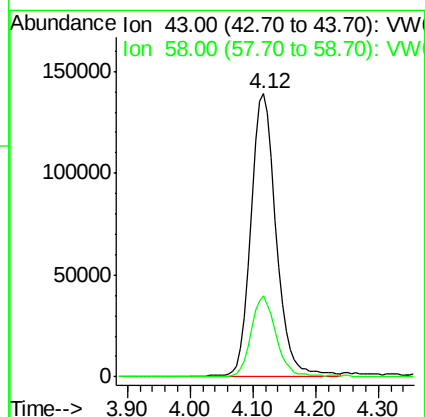
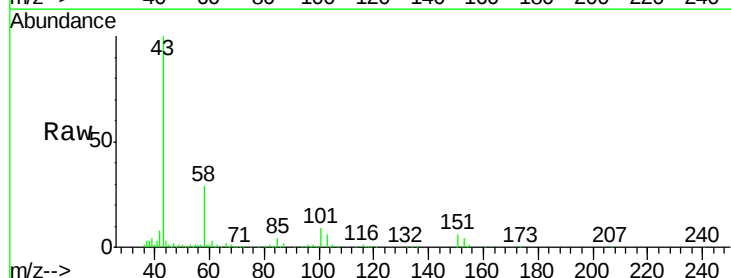
Acq: 09 Mar 2020 11:55

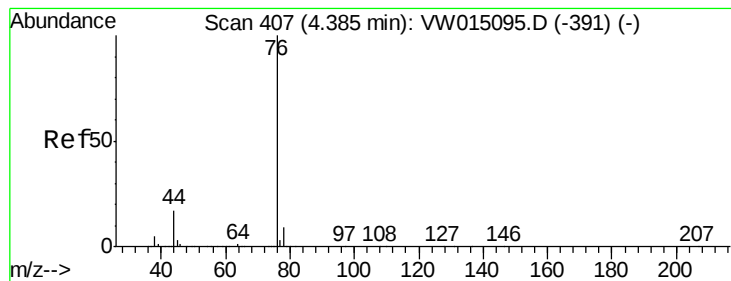
Tgt Ion: 43 Resp: 389053

Ion Ratio Lower Upper

43 100

58 28.6 22.9 34.3





#17

Carbon Disulfide

Concen: 50.46 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

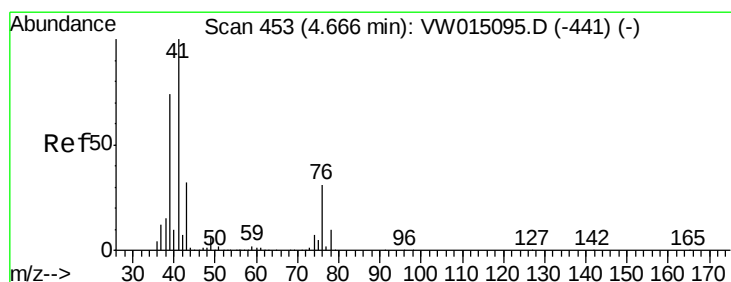
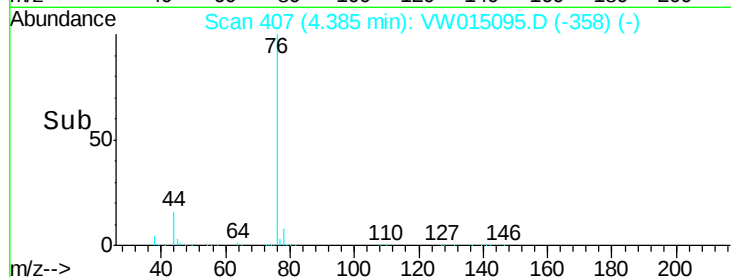
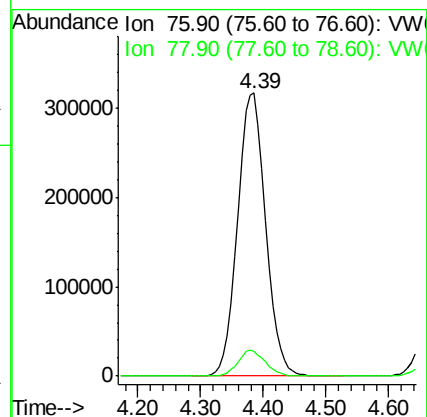
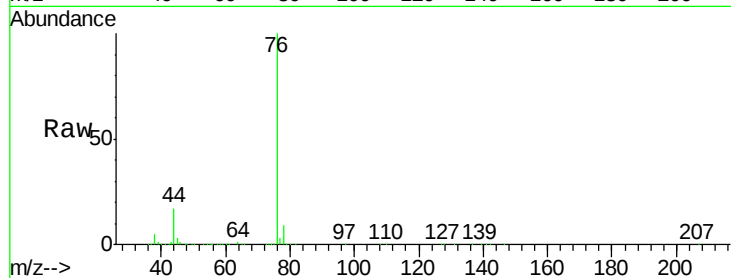
VSTDICCC050

Tgt Ion: 76 Resp: 981267

Ion Ratio Lower Upper

76 100

78 8.6 6.9 10.3



#18

Methyl Acetate

Concen: 51.53 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015095.D

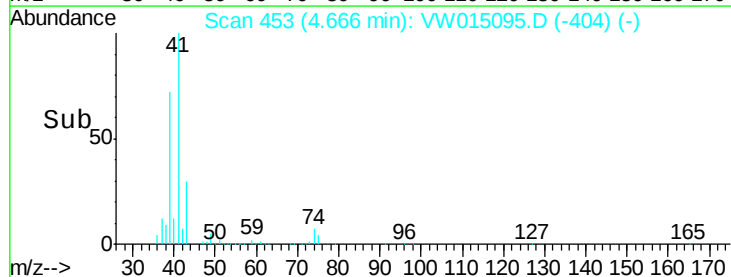
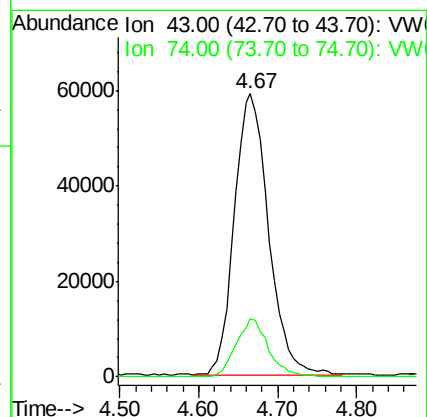
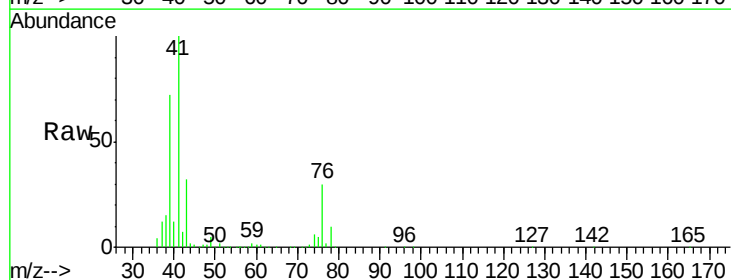
Acq: 09 Mar 2020 11:55

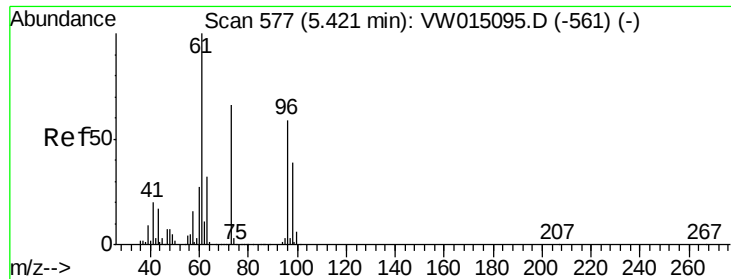
Tgt Ion: 43 Resp: 176819

Ion Ratio Lower Upper

43 100

74 19.7 15.8 23.6

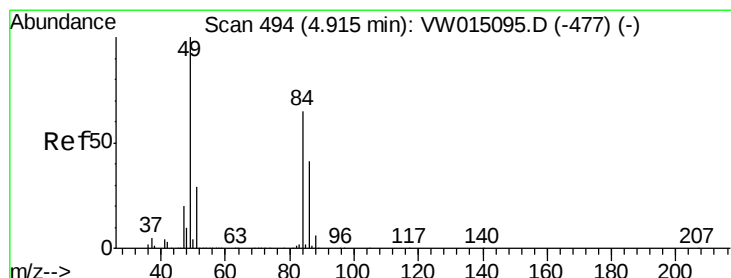
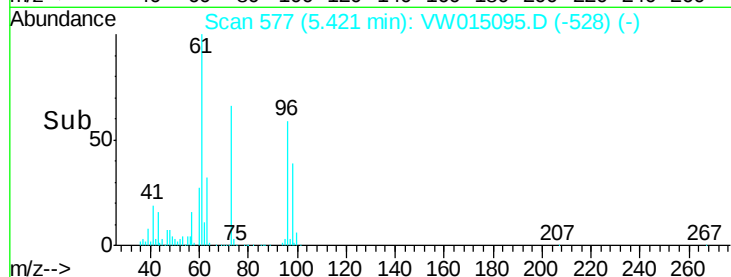
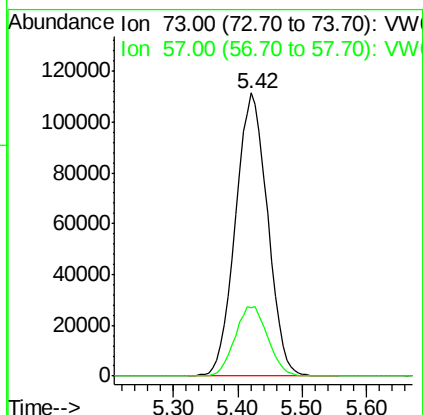
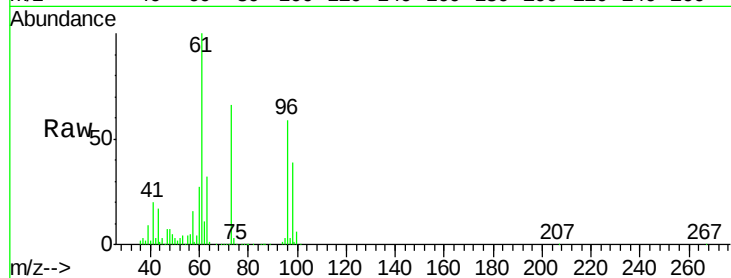




#19
Methyl tert-butyl Ether
Concen: 54.62 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

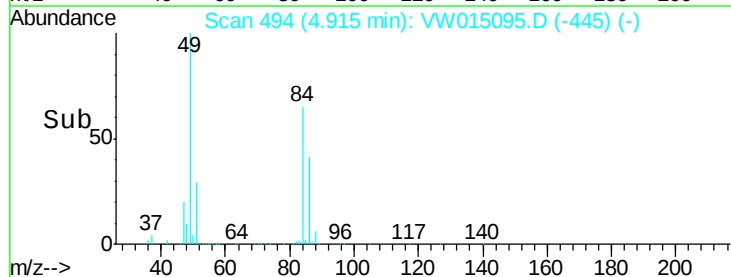
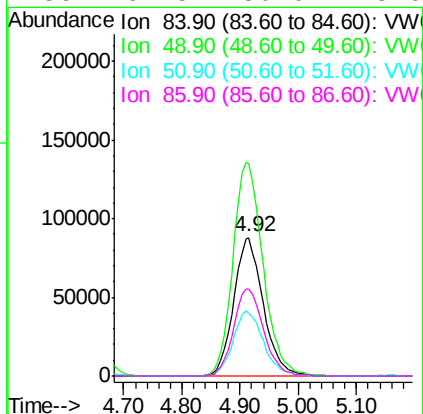
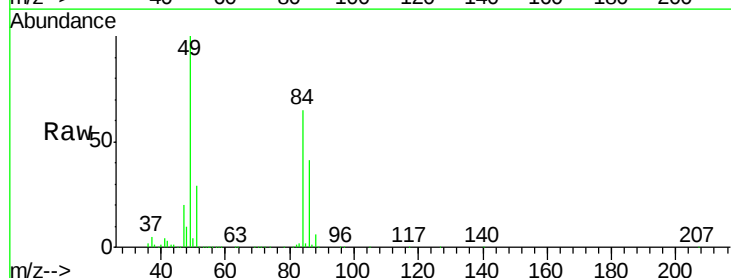
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

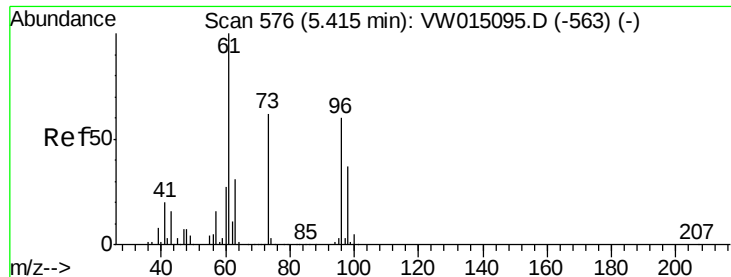
Tgt Ion: 73 Resp: 383495
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 46.03 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 84 Resp: 308465
Ion Ratio Lower Upper
84 100
49 153.5 122.8 184.2
51 44.9 35.9 53.9
86 62.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 51.27 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

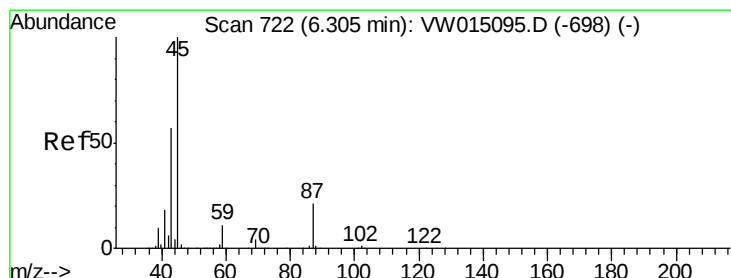
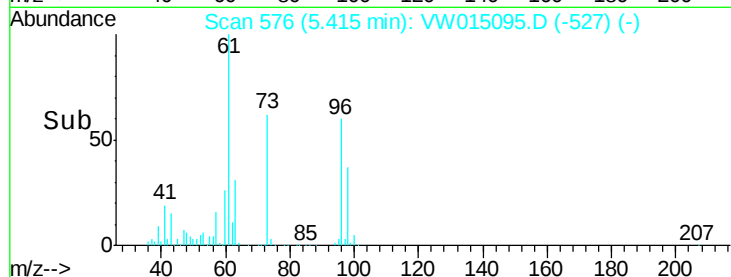
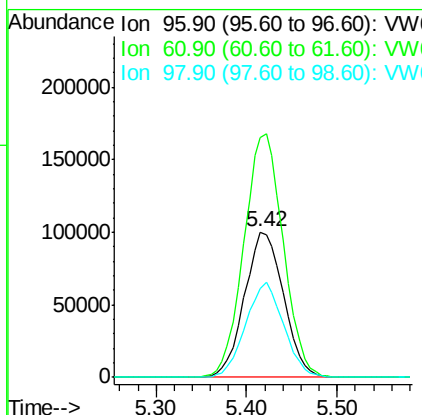
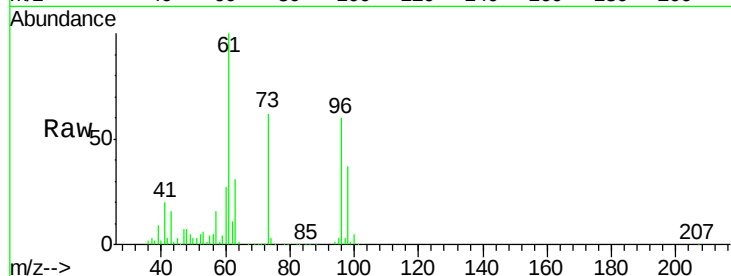
Tgt Ion: 96 Resp: 298580

Ion Ratio Lower Upper

96 100

61 165.6 132.5 198.7

98 61.1 48.9 73.3



#22

Diisopropyl ether

Concen: 53.89 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Tgt Ion: 45 Resp: 1136633

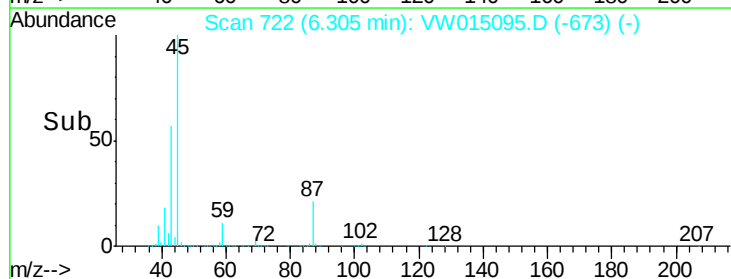
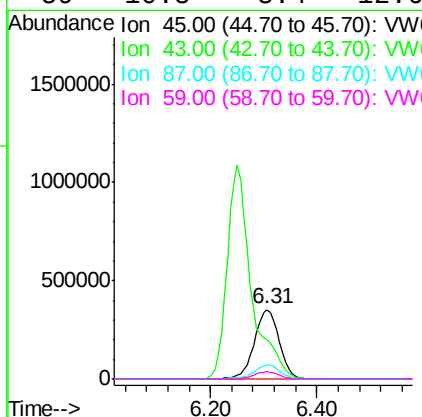
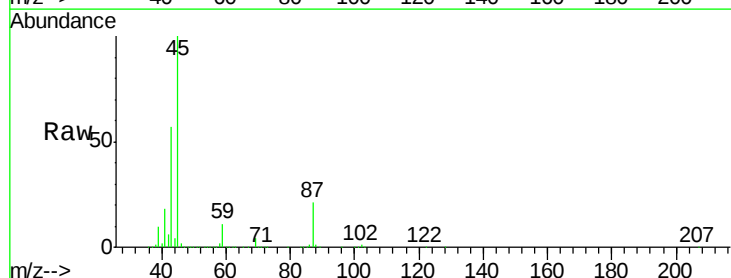
Ion Ratio Lower Upper

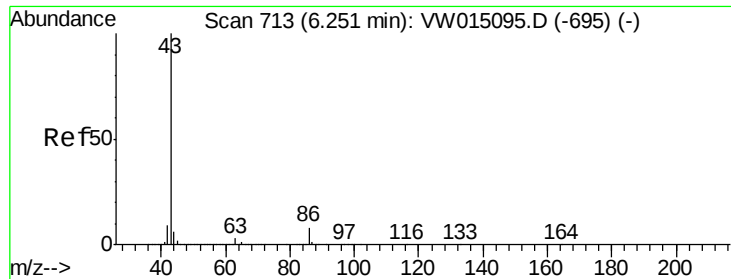
45 100

43 56.7 45.4 68.0

87 20.5 16.4 24.6

59 10.5 8.4 12.6





#23

Vinyl Acetate

Concen: 278.24 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

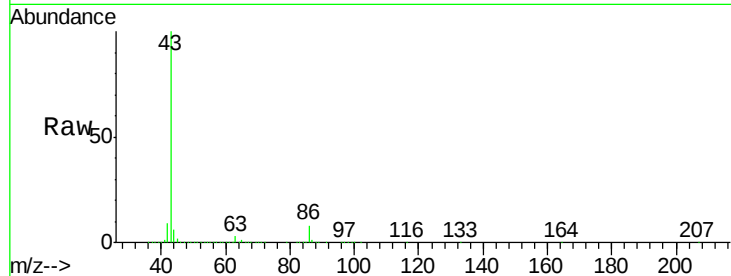
VSTDICCC050

Tgt Ion: 43 Resp: 3464192

Ion Ratio Lower Upper

43 100

86 7.9 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

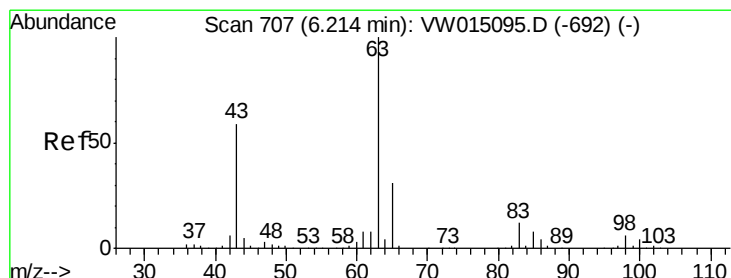
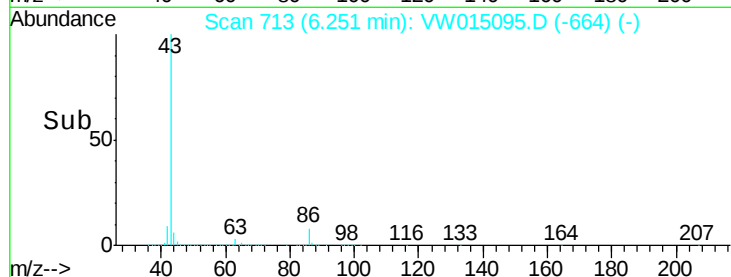
400000

200000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 50.46 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

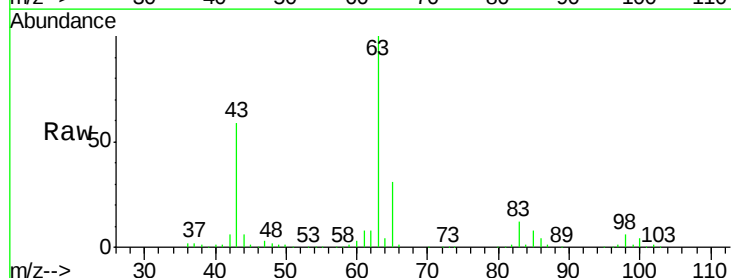
Tgt Ion: 63 Resp: 620569

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

250000

200000

150000

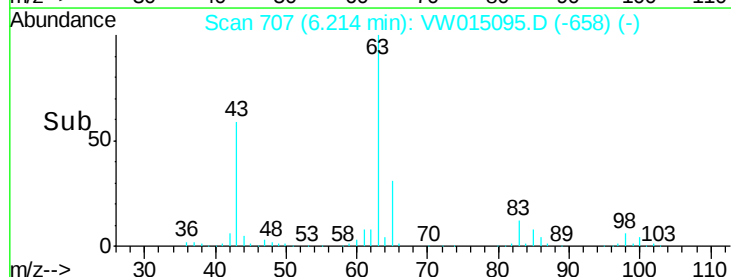
100000

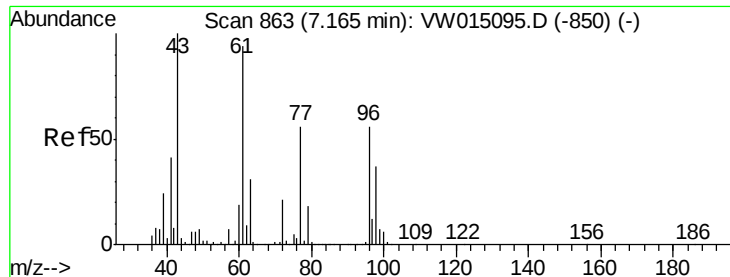
50000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 277.07 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

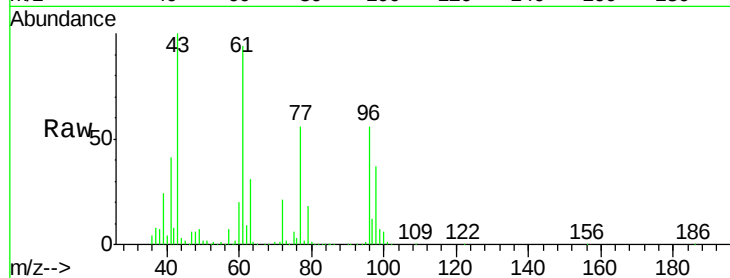
VSTDICCC050

Tgt Ion: 43 Resp: 549856

Ion Ratio Lower Upper

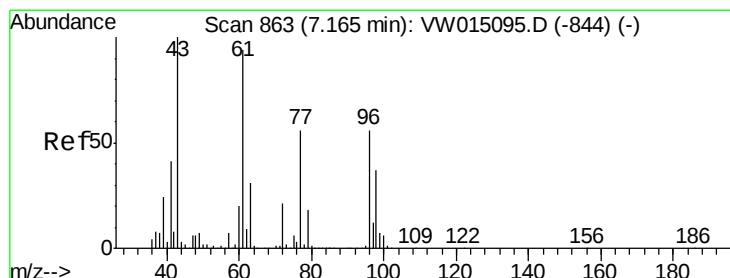
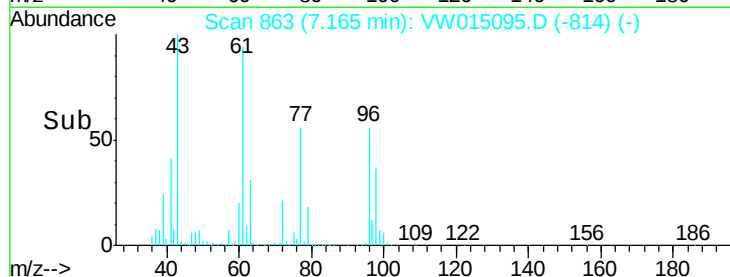
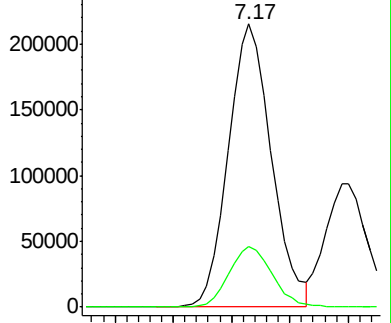
43 100

72 21.3 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 49.32 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015095.D

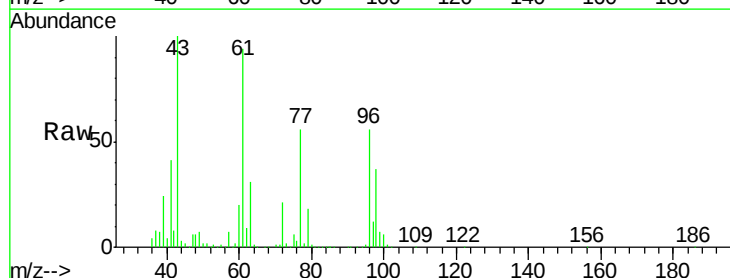
Acq: 09 Mar 2020 11:55

Tgt Ion: 77 Resp: 346930

Ion Ratio Lower Upper

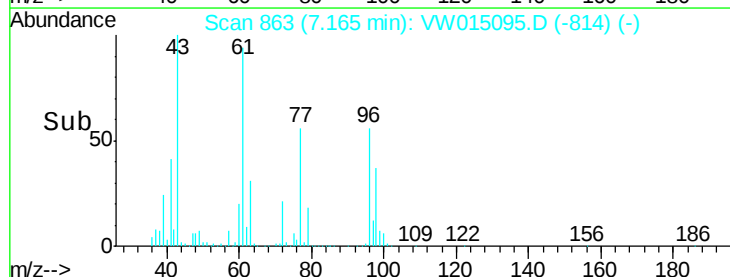
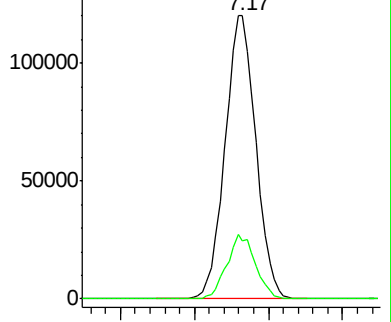
77 100

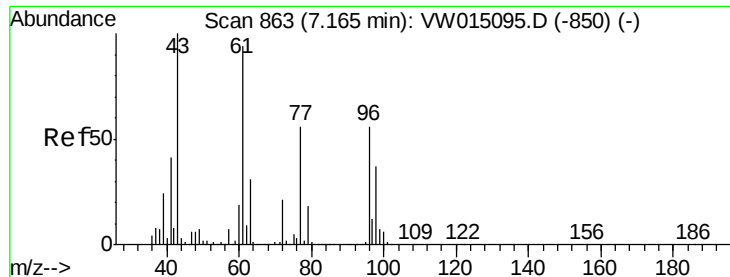
97 21.2 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

cis-1,2-Dichloroethene

Concen: 51.64 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

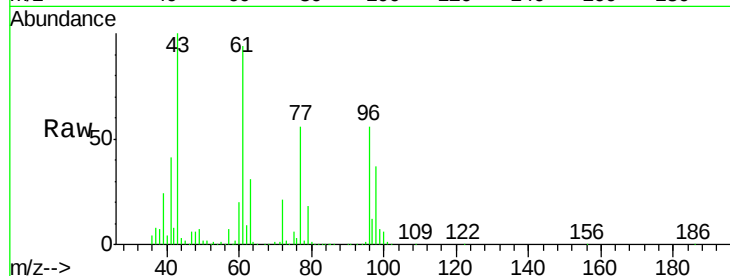
Tgt Ion: 96 Resp: 313072

Ion Ratio Lower Upper

96 100

61 171.7 0.0 343.4

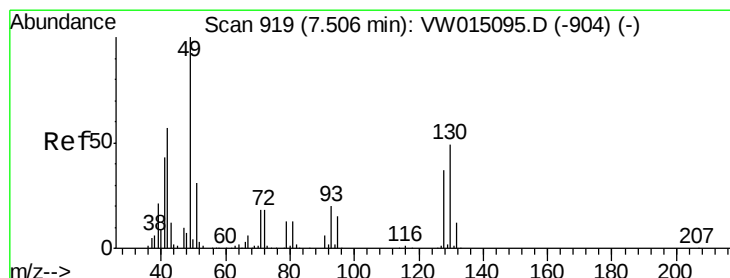
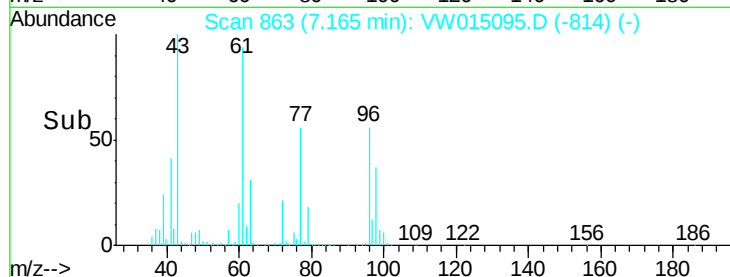
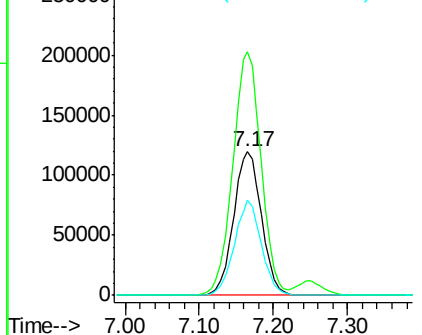
98 63.8 0.0 127.6



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: 52.79 ug/l

RT: 7.51 min Scan# 919

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

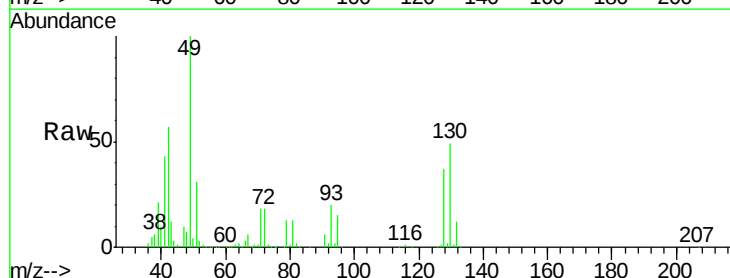
Tgt Ion: 49 Resp: 311087

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.0

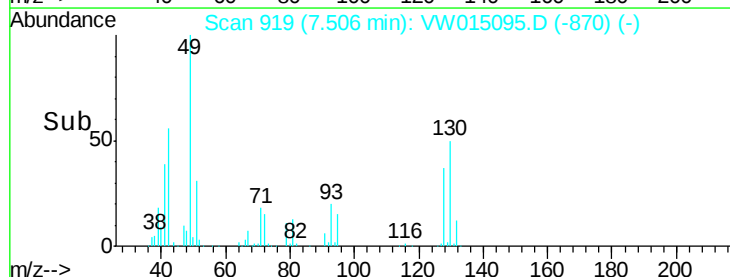
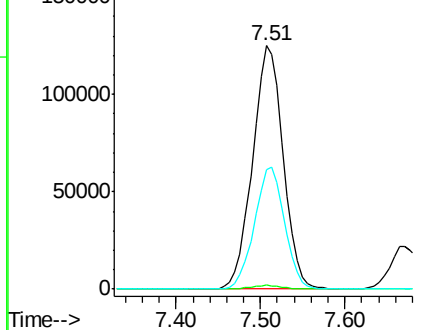
130 49.7 39.8 59.6

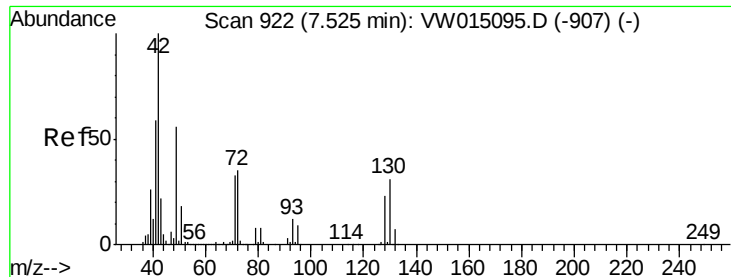


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

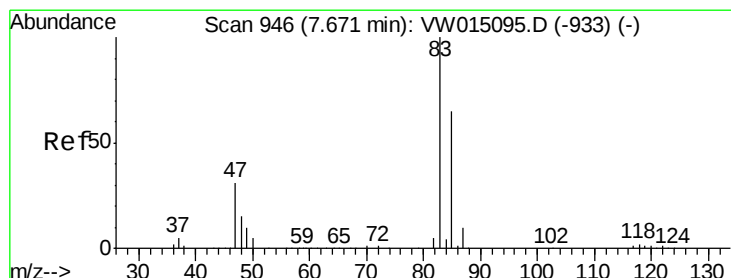
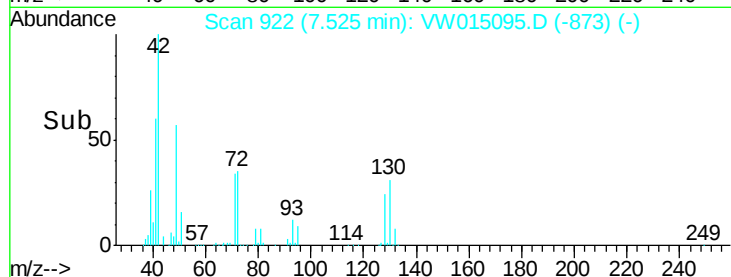
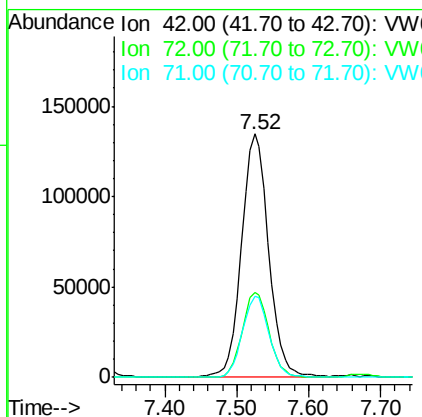
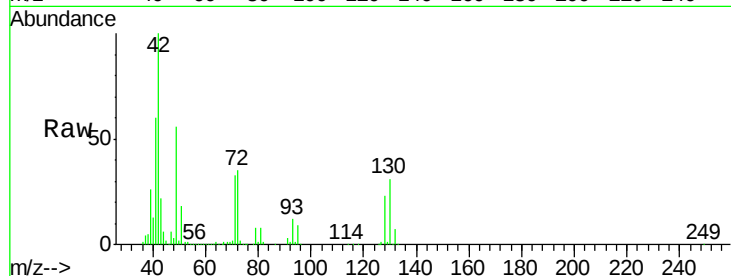




#29
Tetrahydrofuran
Concen: 282.07 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

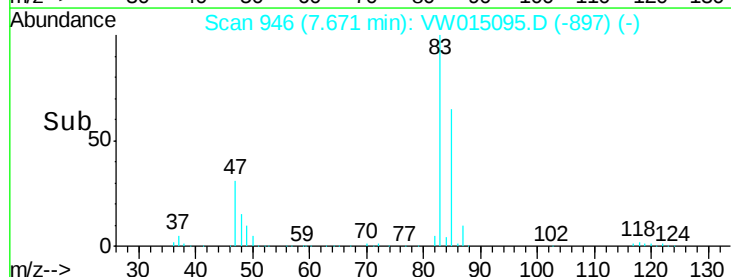
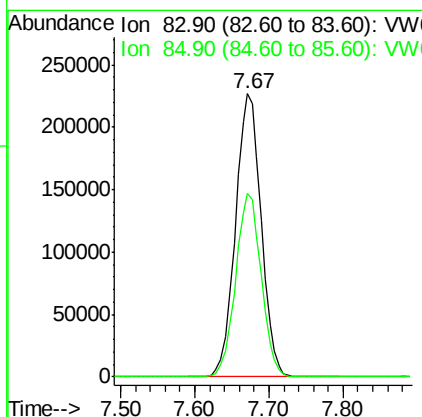
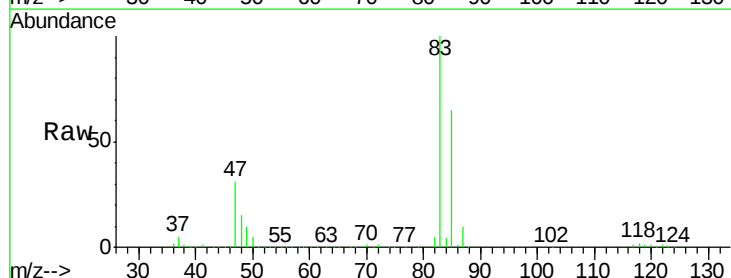
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

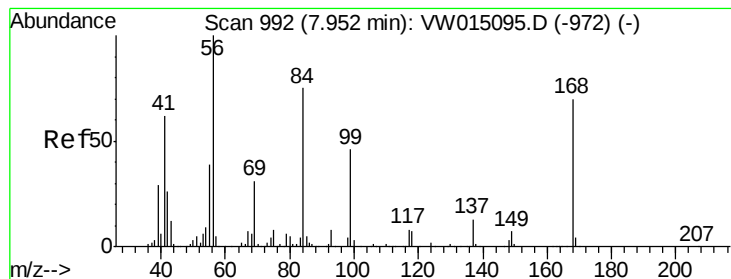
Tgt Ion: 42 Resp: 350140
Ion Ratio Lower Upper
42 100
72 34.7 27.8 41.6
71 33.0 26.4 39.6



#30
Chloroform
Concen: 50.15 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 83 Resp: 547358
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9





#31

Cyclohexane

Concen: 49.81 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

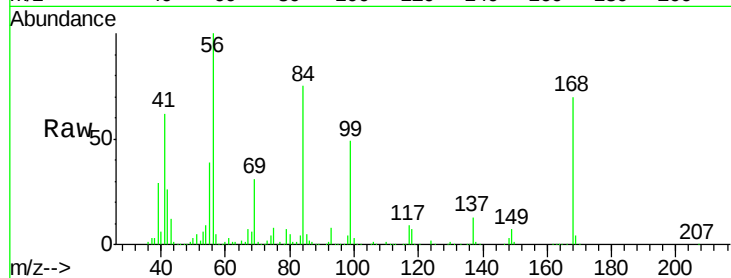
Tgt Ion: 56 Resp: 630027

Ion Ratio Lower Upper

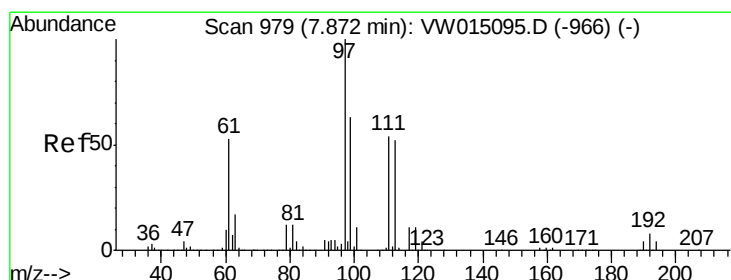
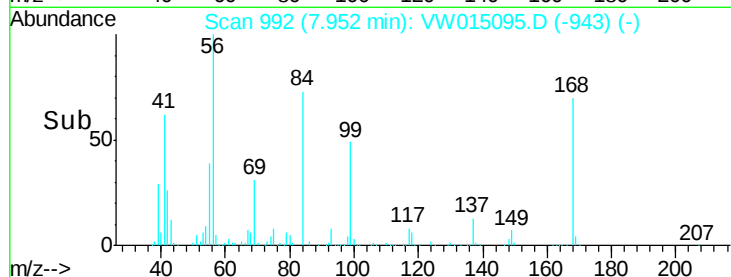
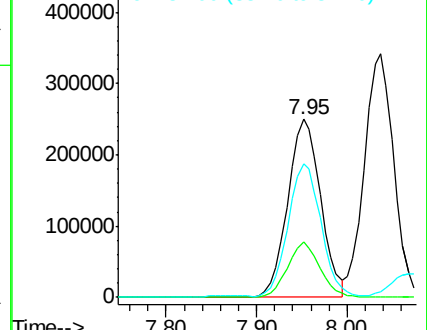
56 100

69 30.8 24.6 37.0

84 74.9 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: 50.71 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

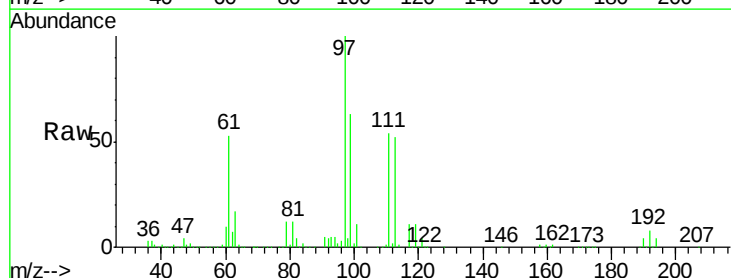
Tgt Ion: 97 Resp: 432183

Ion Ratio Lower Upper

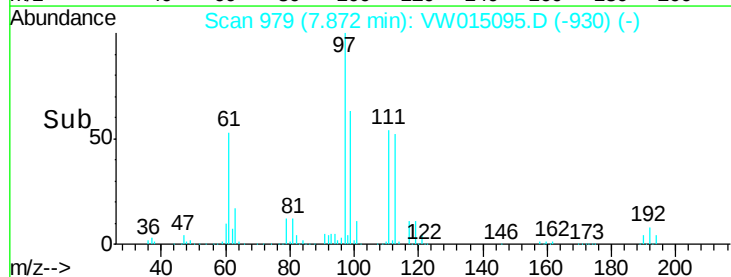
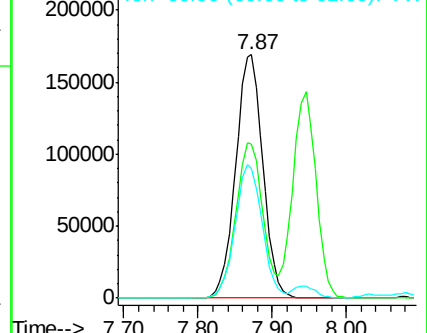
97 100

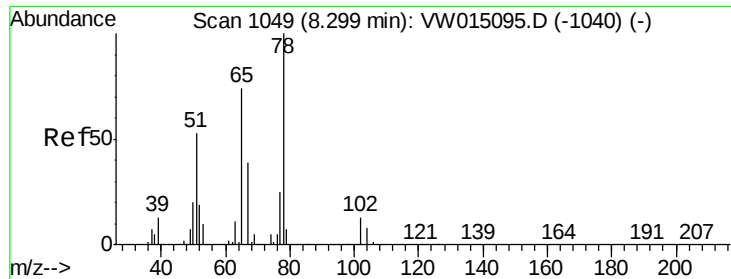
99 64.1 51.3 76.9

61 55.0 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

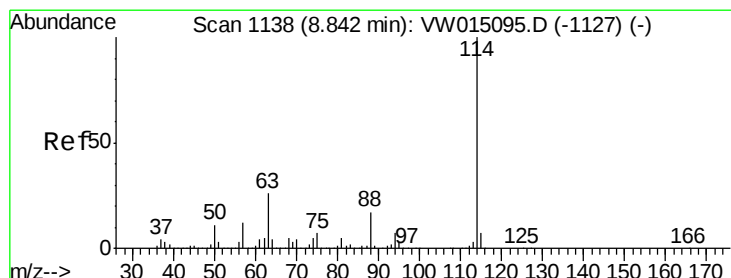
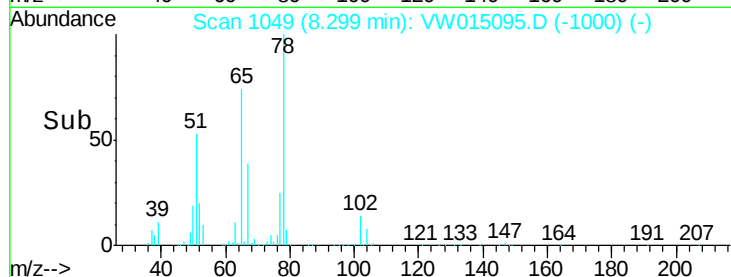
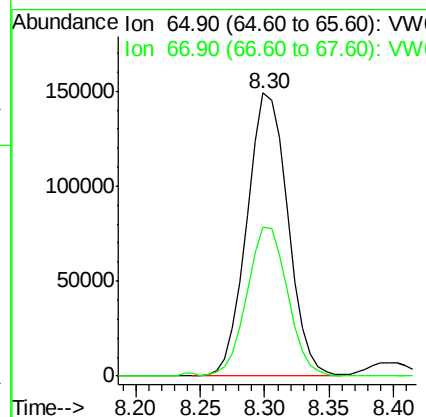
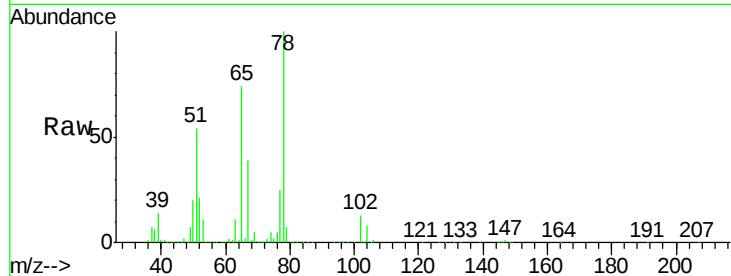




#33
 1,2-Dichloroethane-d4
 Concen: 51.81 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

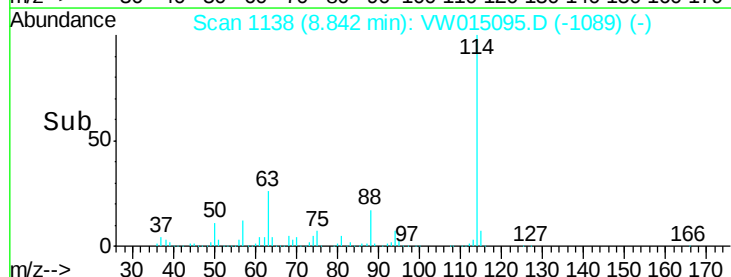
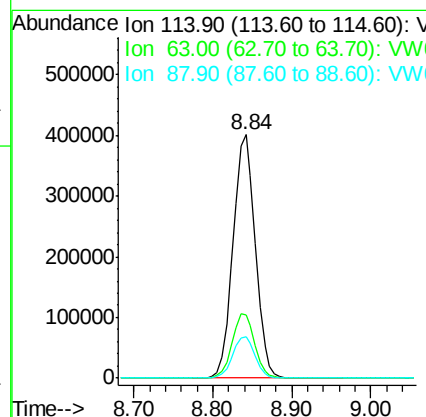
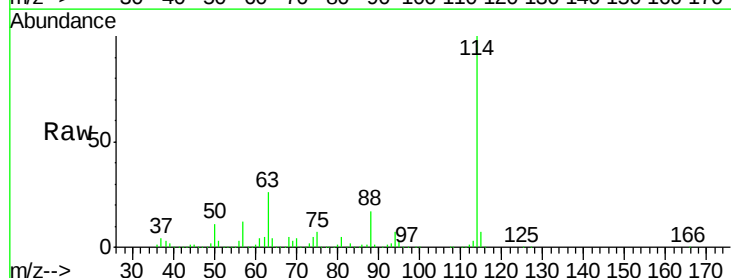
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

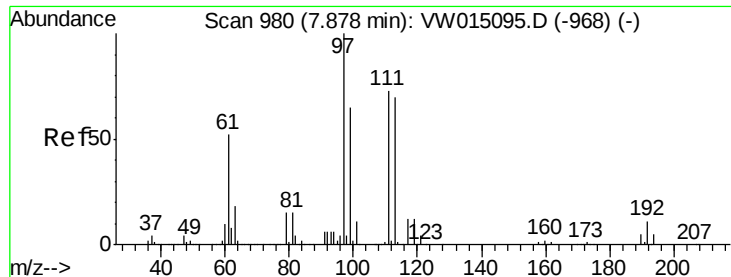
Tgt Ion: 65 Resp: 328889
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 114 Resp: 784532
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 52.0
 88 17.1 0.0 34.2

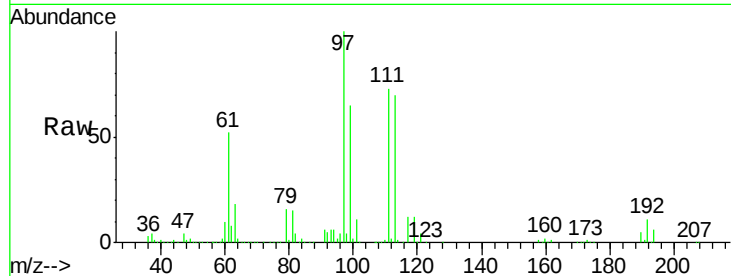




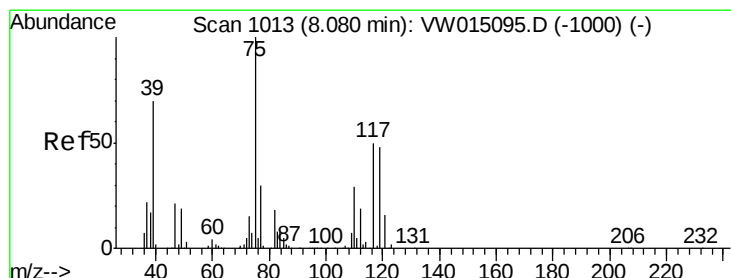
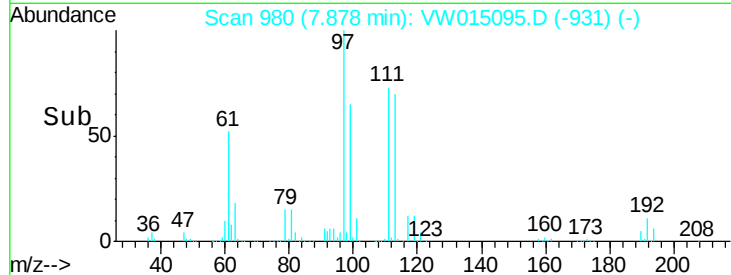
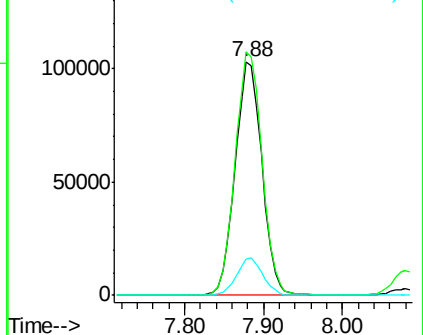
#35
 Dibromofluoromethane
 Concen: 52.09 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:113 Resp: 244647
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.6 125.4
 192 15.5 12.4 18.6

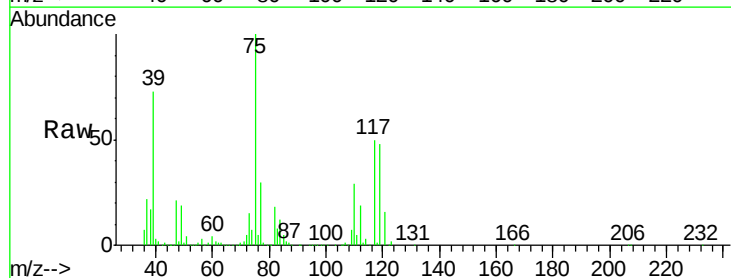


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

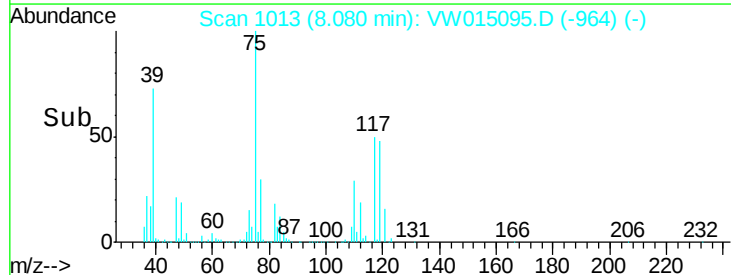
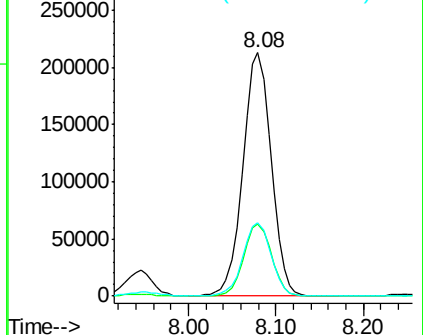


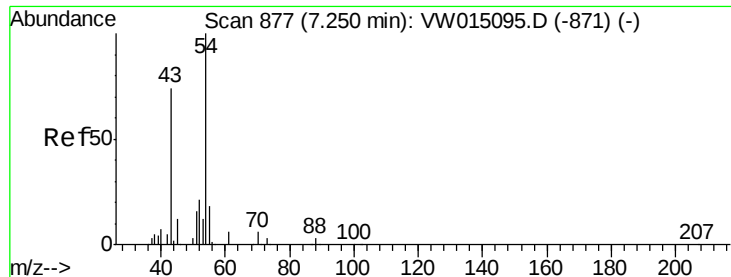
#36
 1,1-Dichloropropene
 Concen: 52.61 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 75 Resp: 478611
 Ion Ratio Lower Upper
 75 100
 110 29.4 14.7 44.1
 77 30.3 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

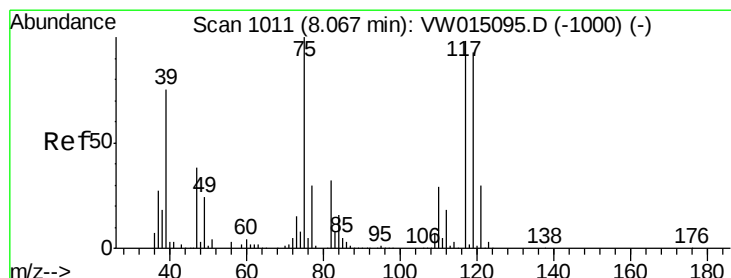
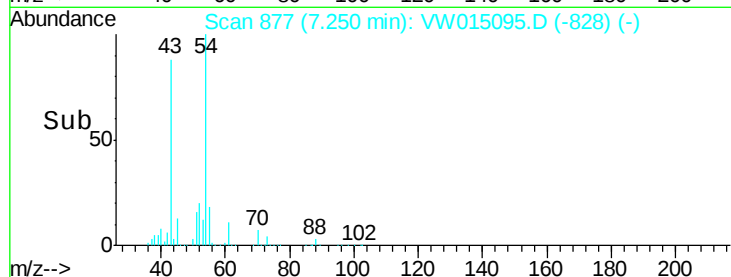
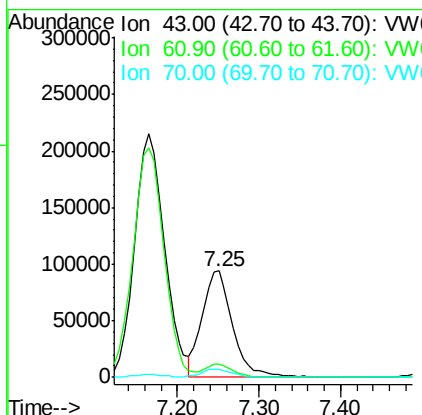
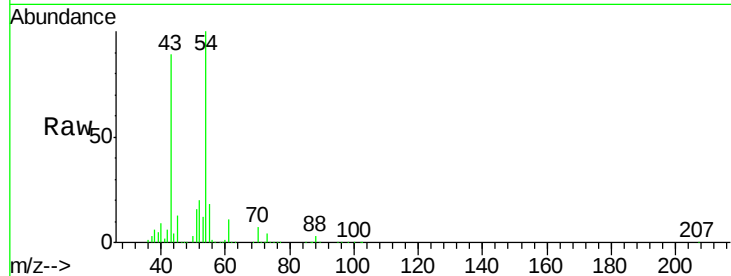




#37
Ethyl Acetate
Concen: 53.21 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

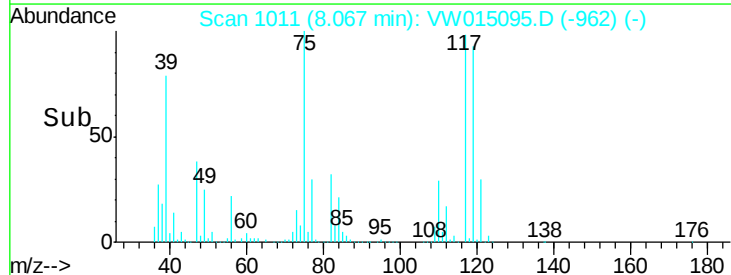
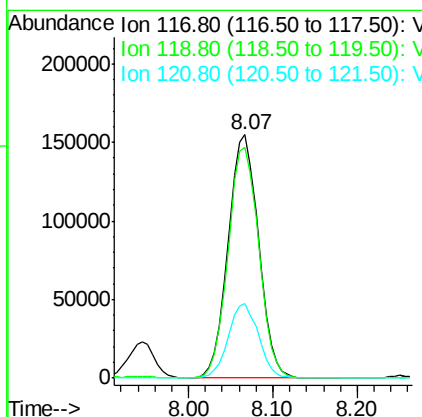
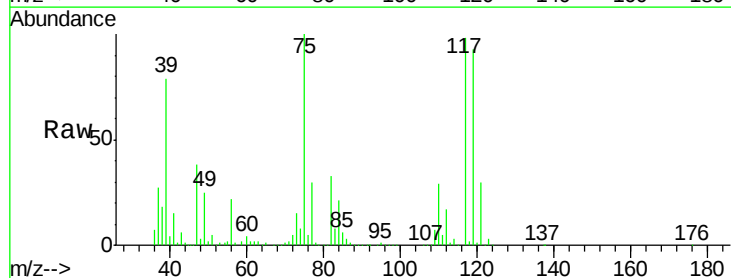
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

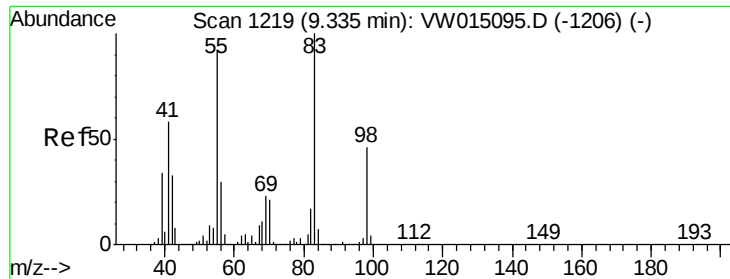
Tgt Ion: 43 Resp: 241288
Ion Ratio Lower Upper
43 100
61 12.0 9.6 14.4
70 8.1 6.5 9.7



#38
Carbon Tetrachloride
Concen: 51.28 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 117 Resp: 379803
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 30.6 24.5 36.7

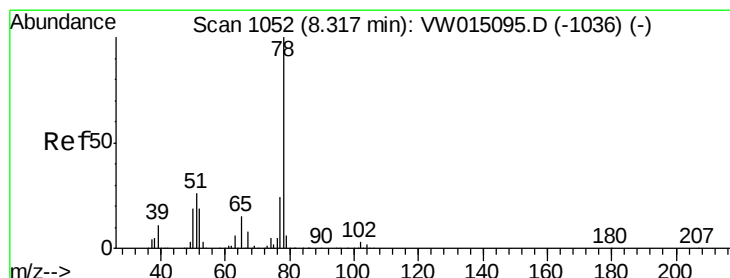
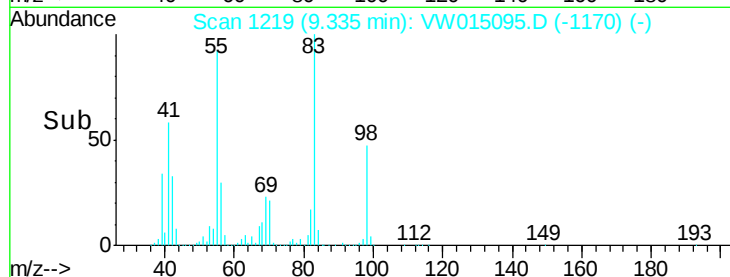
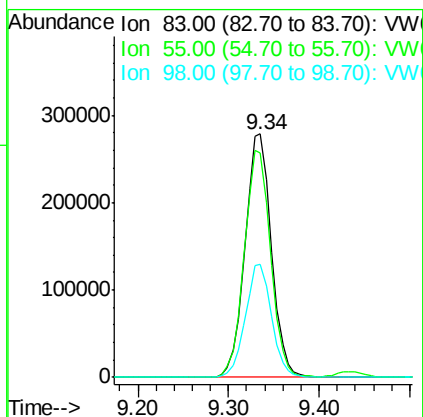
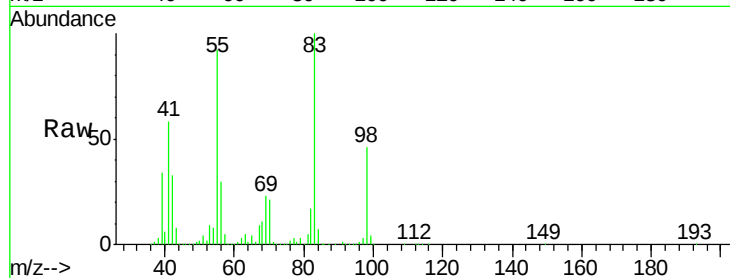




#39
Methylcyclohexane
Concen: 53.87 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

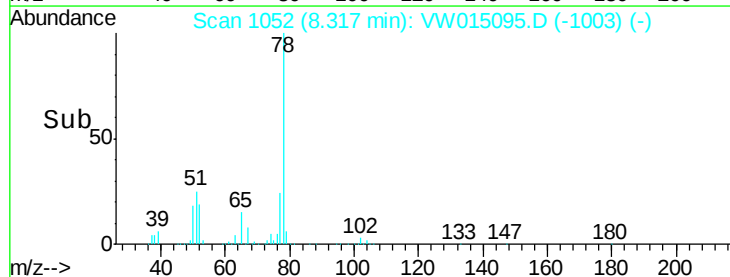
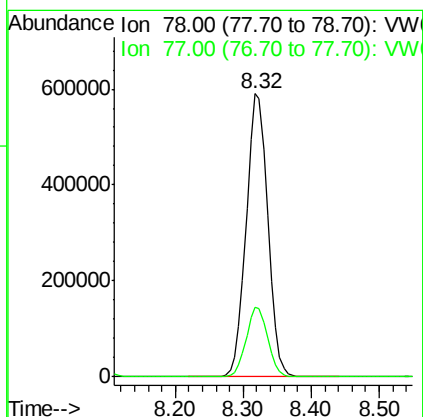
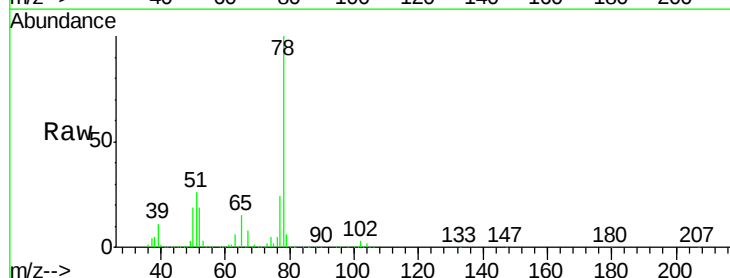
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

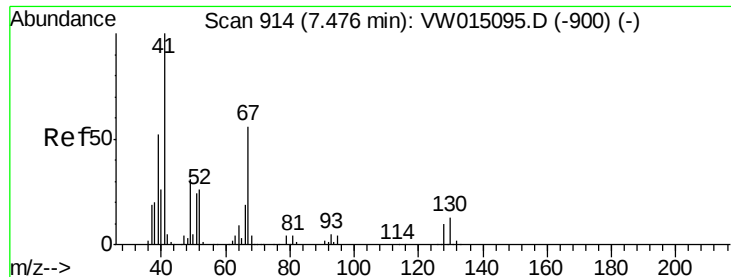
Tgt Ion: 83 Resp: 560359
Ion Ratio Lower Upper
83 100
55 91.9 73.5 110.3
98 46.5 37.2 55.8



#40
Benzene
Concen: 51.62 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 78 Resp: 1305204
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

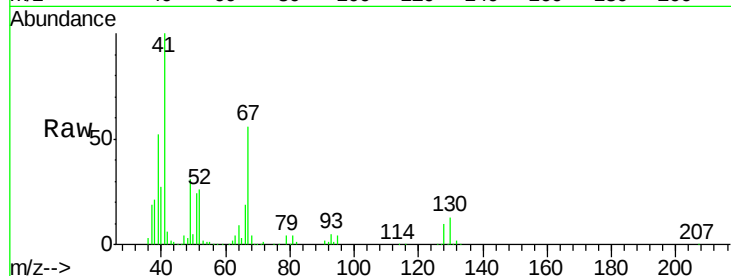




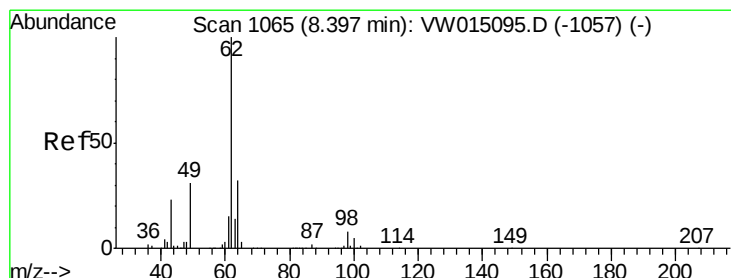
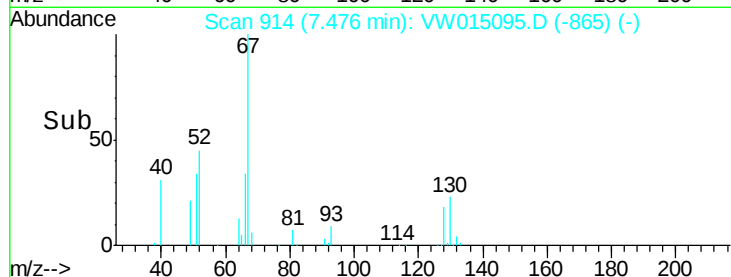
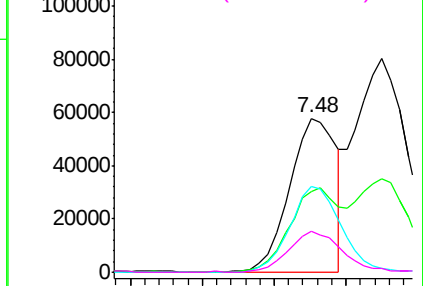
#41
Methacrylonitrile
Concen: 53.75 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	128899
Ion	Ratio	Lower	Upper
41	100		
39	61.2	49.0	73.4
67	63.0	50.4	75.6
52	30.3	24.2	36.4

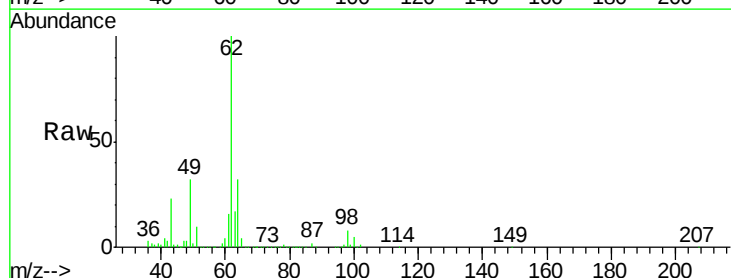


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

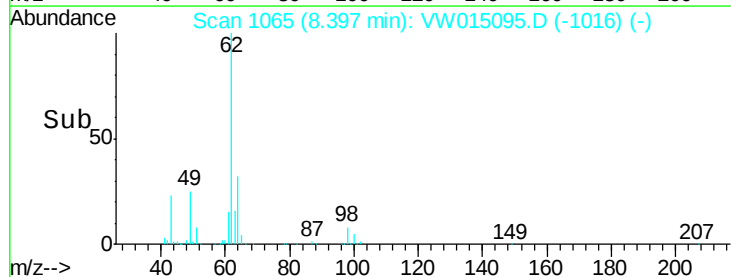
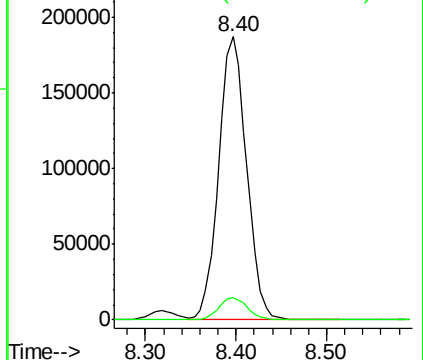


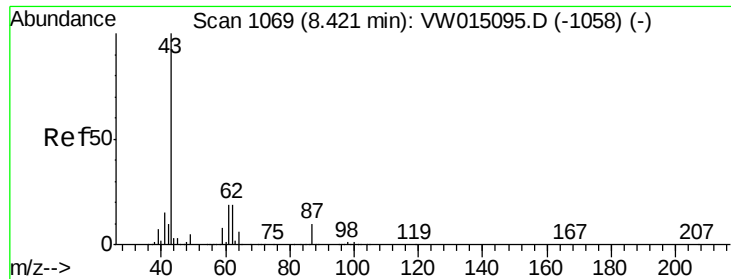
#42
1,2-Dichloroethane
Concen: 51.96 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion:	62	Resp:	400284
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 54.48 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

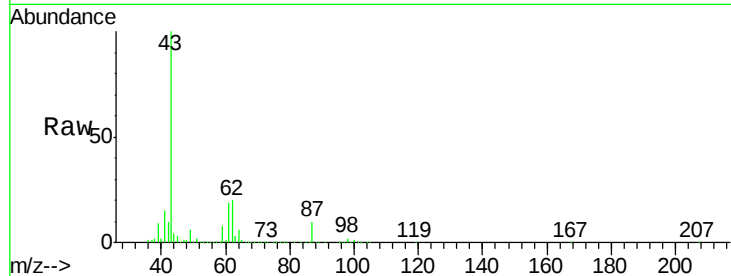
Tgt Ion: 43 Resp: 442844

Ion Ratio Lower Upper

43 100

61 27.3 21.8 32.8

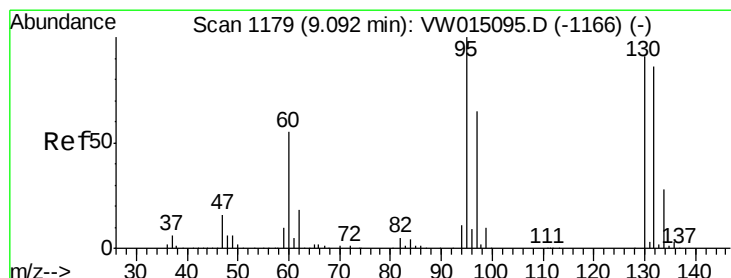
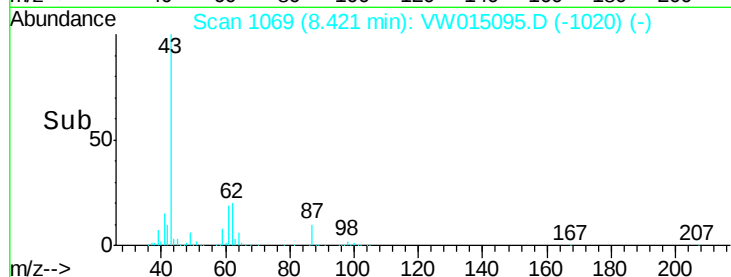
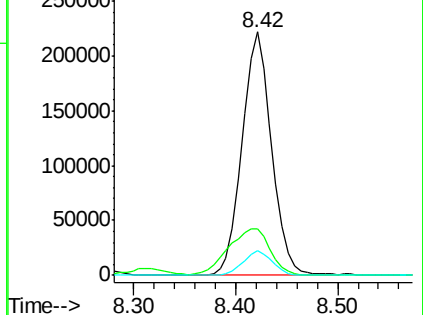
87 10.0 8.0 12.0



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: 51.23 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015095.D

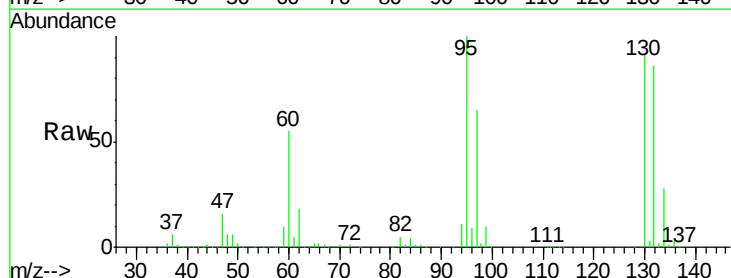
Acq: 09 Mar 2020 11:55

Tgt Ion: 130 Resp: 275707

Ion Ratio Lower Upper

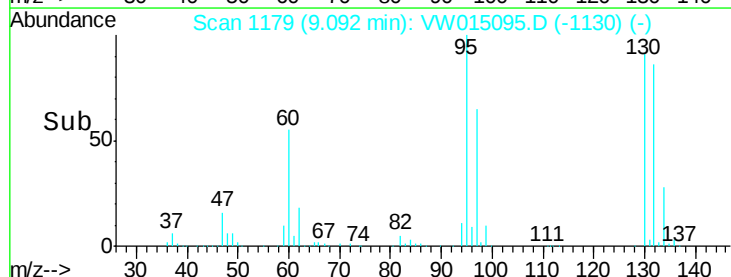
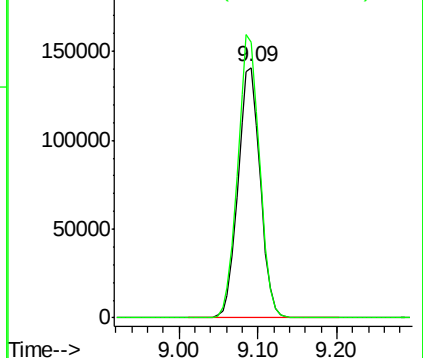
130 100

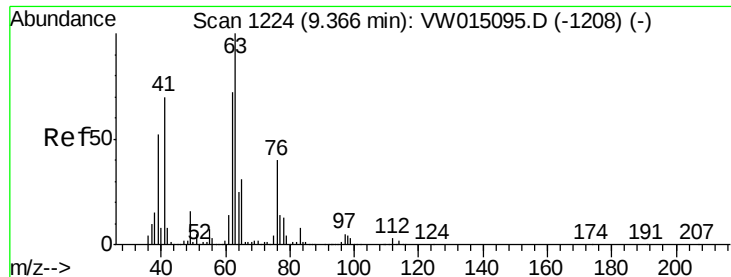
95 109.9 0.0 219.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

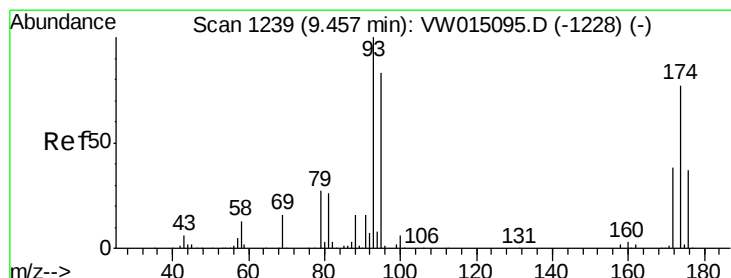
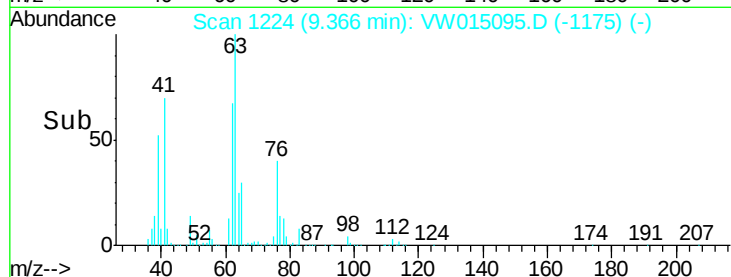
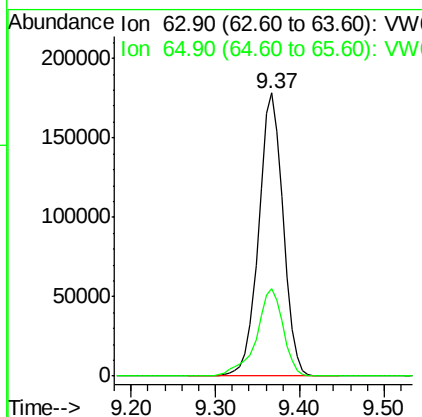
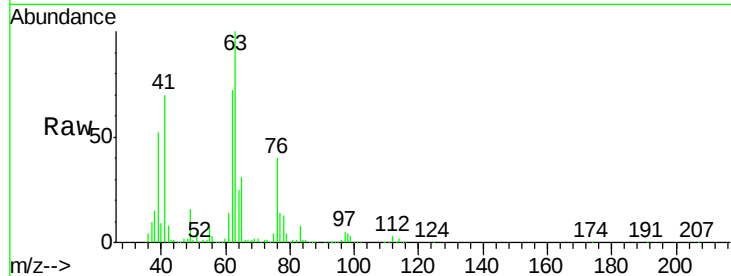




#45
 1,2-Dichloropropane
 Concen: 52.06 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

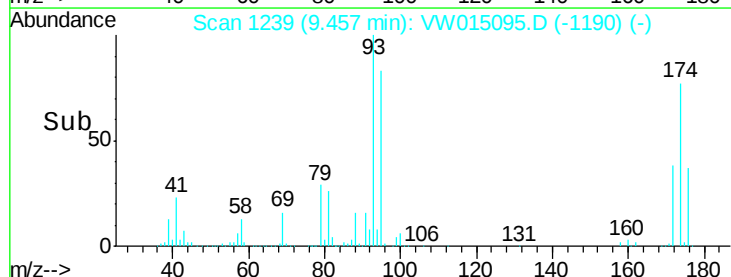
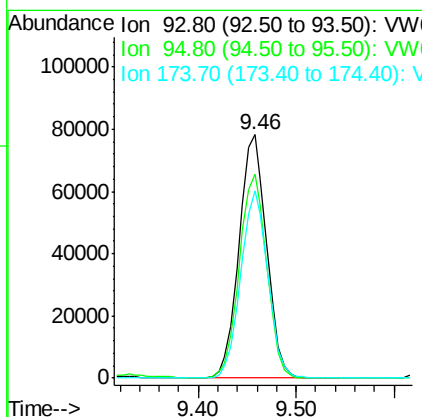
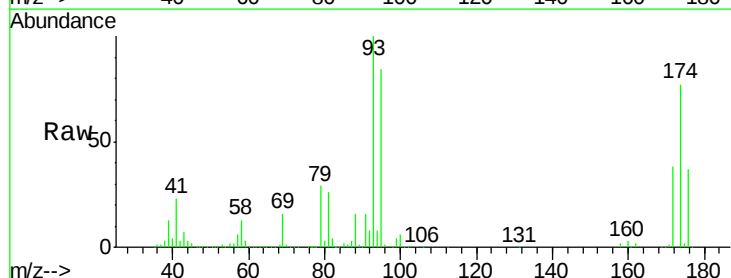
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

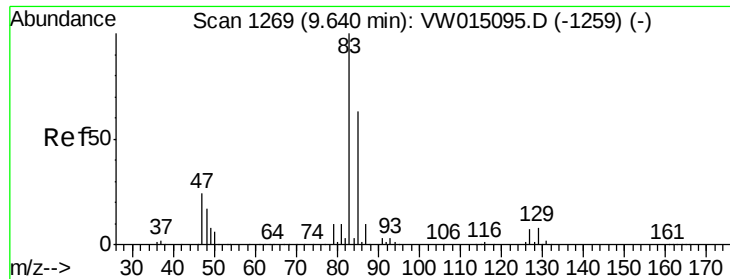
Tgt Ion: 63 Resp: 354482
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#46
 Dibromomethane
 Concen: 51.54 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 93 Resp: 152592
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 75.8 60.6 91.0

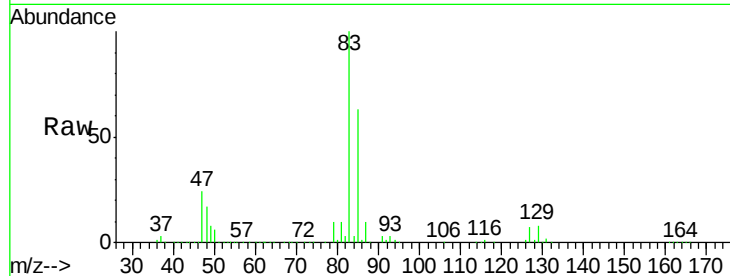




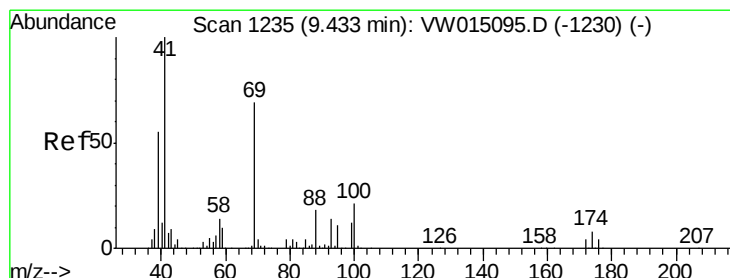
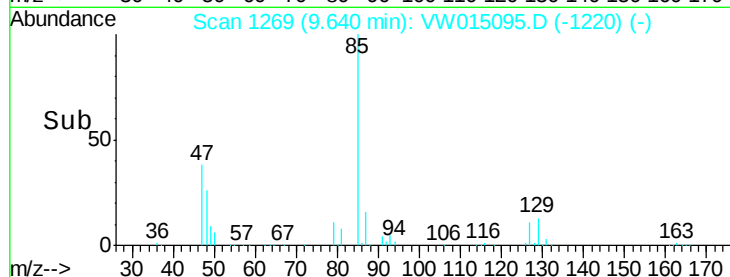
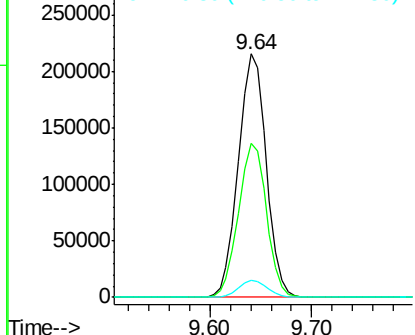
#47
Bromodichloromethane
Concen: 51.67 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 408403
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 6.9 5.5 8.3

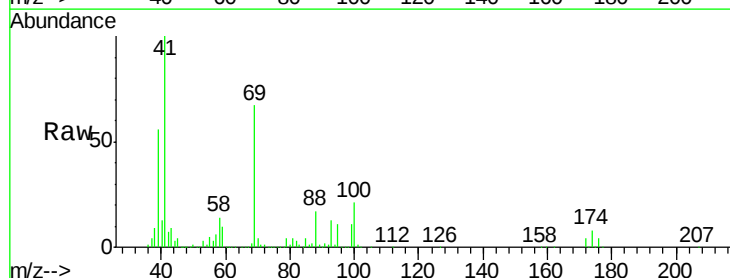


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

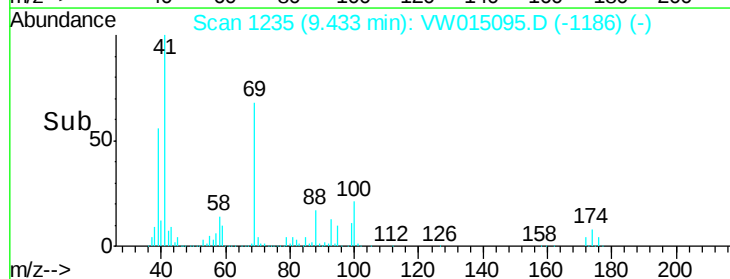
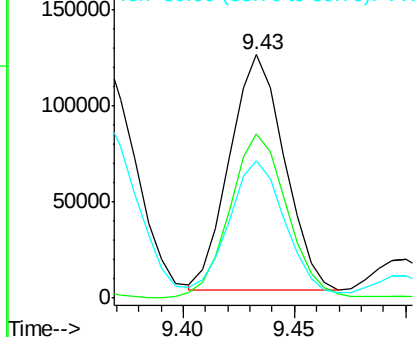


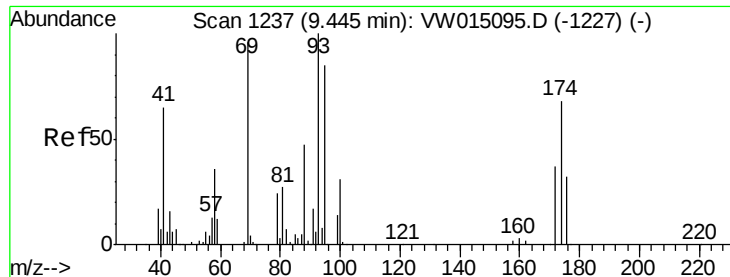
#48
Methyl methacrylate
Concen: 55.63 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 41 Resp: 208725
Ion Ratio Lower Upper
41 100
69 73.4 58.7 88.1
39 56.4 45.1 67.7



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





#49

1,4-Dioxane

Concen: 1170.13 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

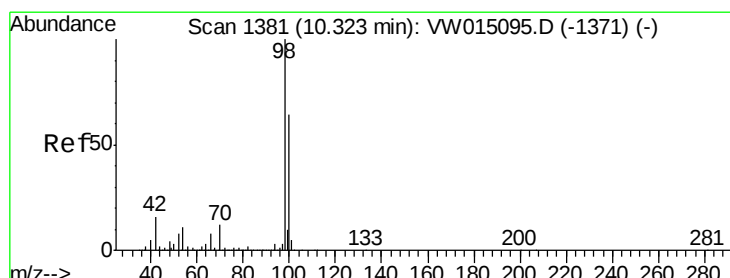
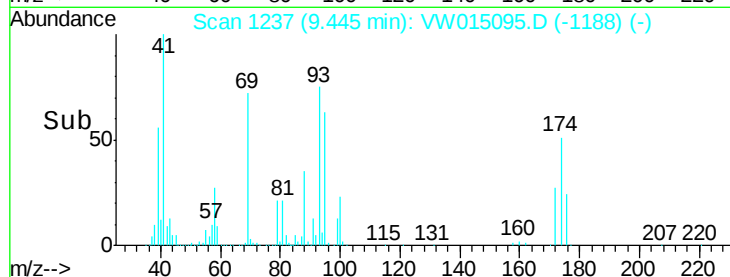
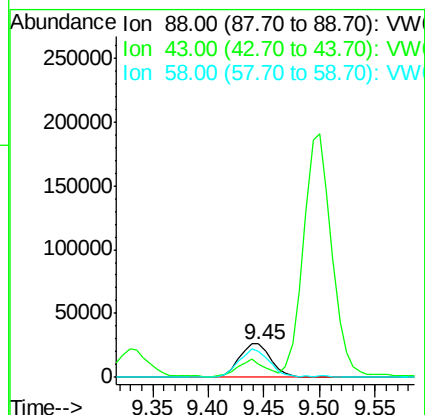
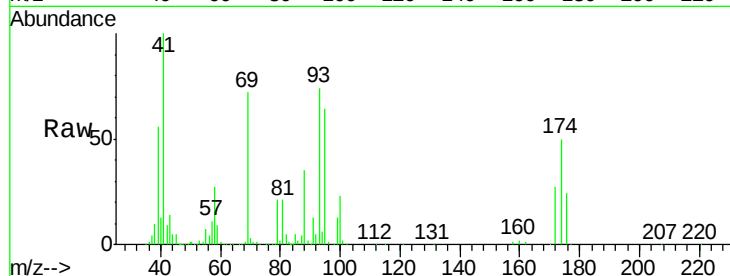
Tgt Ion: 88 Resp: 53042

Ion Ratio Lower Upper

88 100

43 44.8 35.8 53.8

58 80.0 64.0 96.0



#50

Toluene-d8

Concen: 53.65 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015095.D

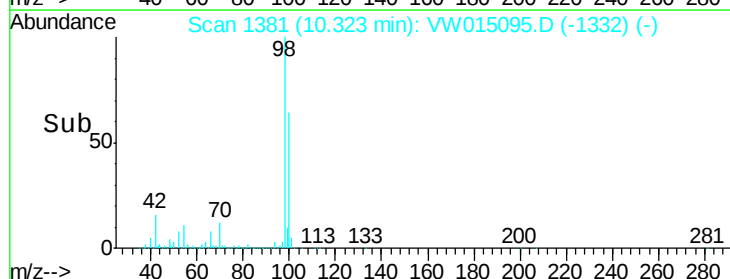
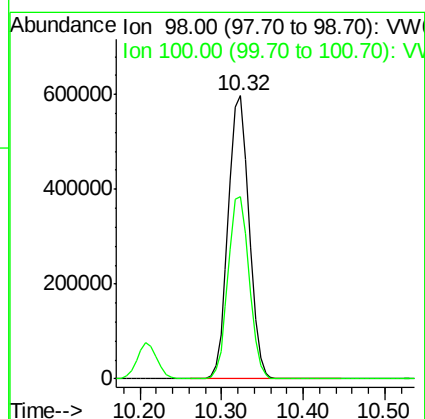
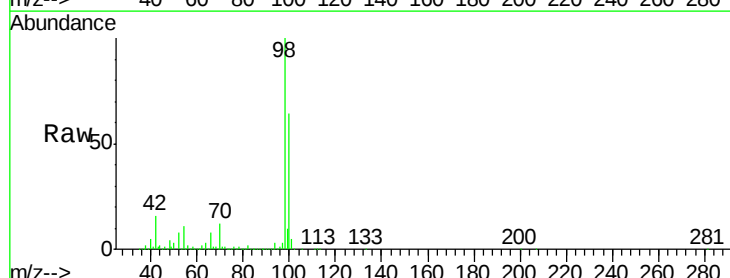
Acq: 09 Mar 2020 11:55

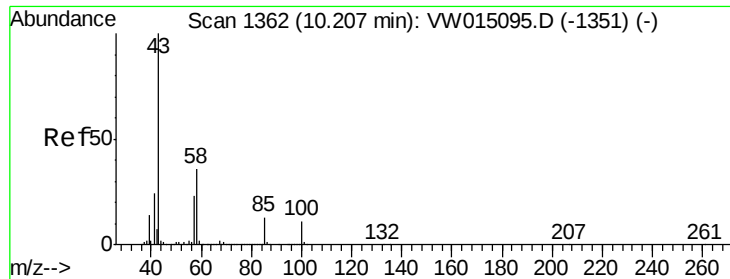
Tgt Ion: 98 Resp: 1055309

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

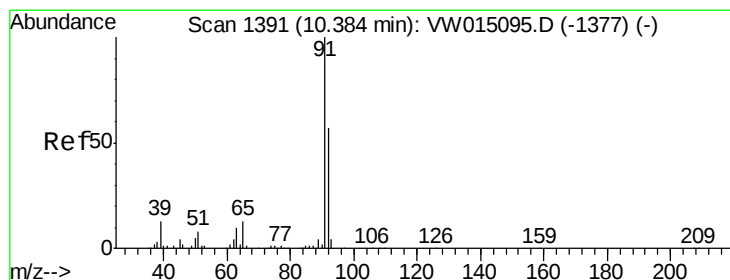
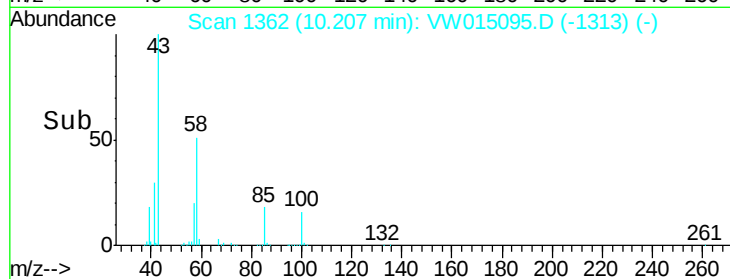
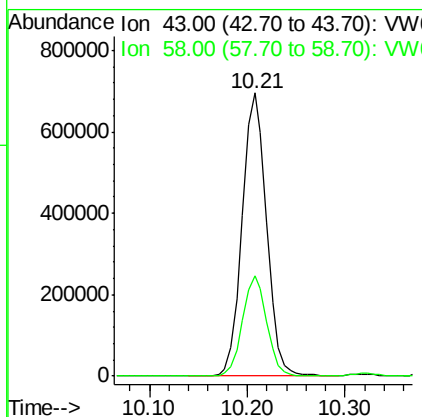
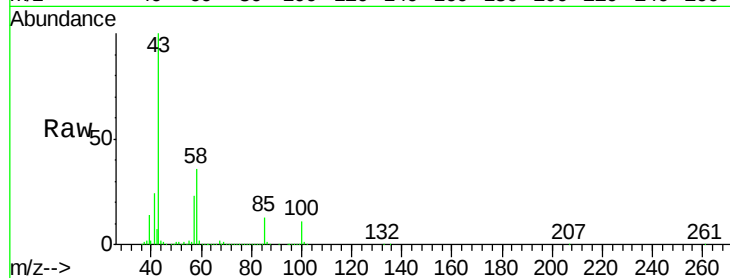




#51
 4-Methyl-2-Pentanone
 Concen: 267.34 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

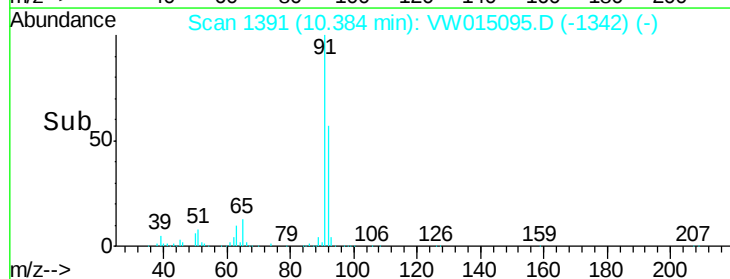
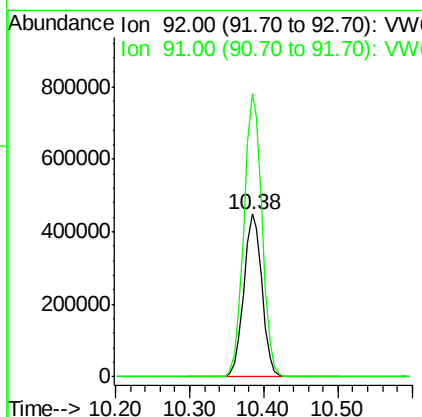
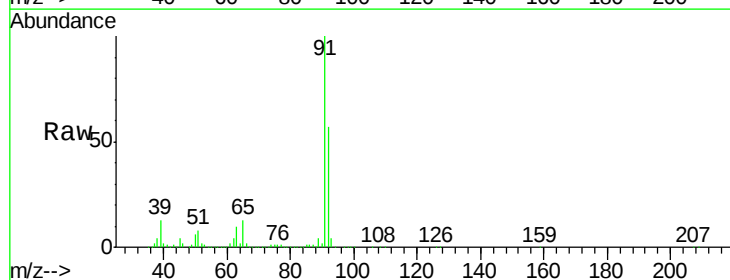
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

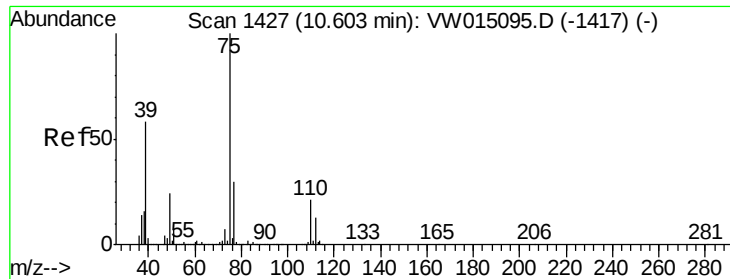
Tgt Ion: 43 Resp: 1200407
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.0 42.0



#52
 Toluene
 Concen: 52.85 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 92 Resp: 767701
 Ion Ratio Lower Upper
 92 100
 91 173.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 53.57 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampled :

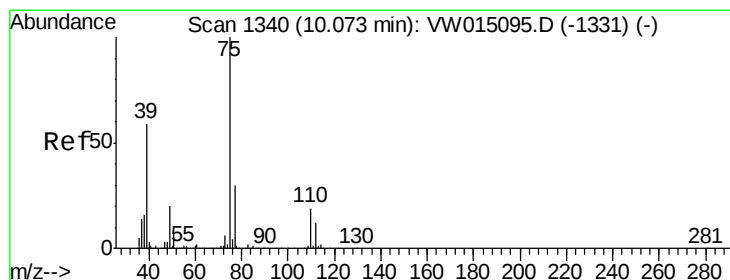
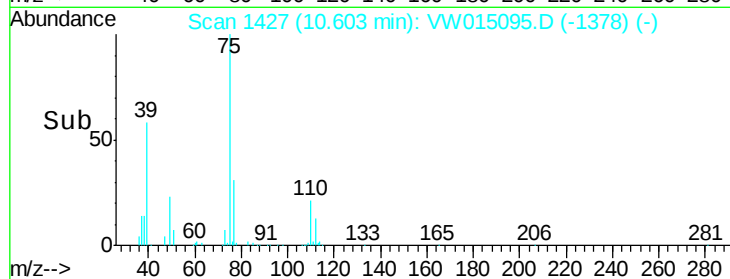
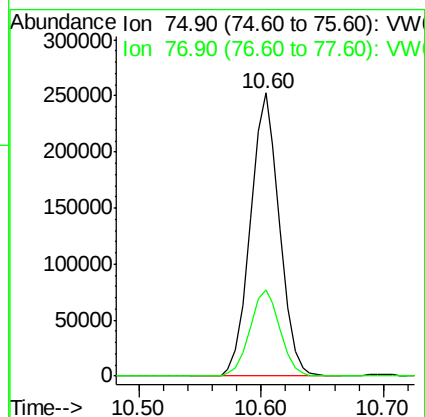
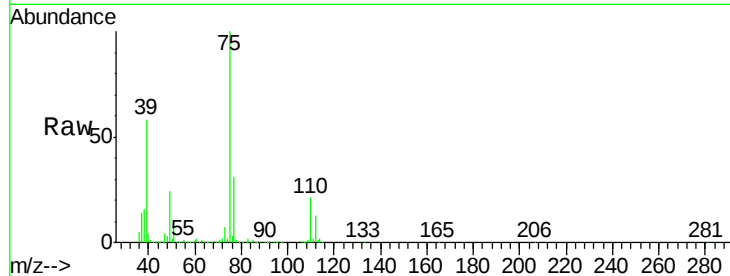
VSTDICCC050

Tgt Ion: 75 Resp: 416593

Ion Ratio Lower Upper

75 100

77 30.5 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 52.87 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

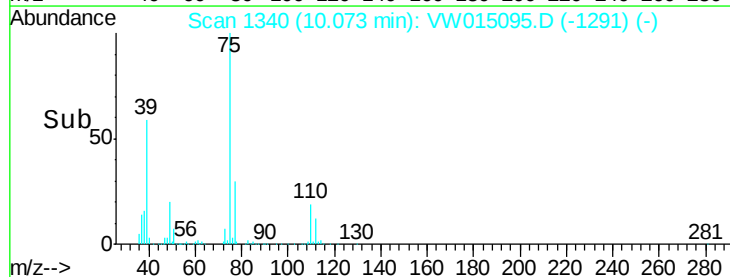
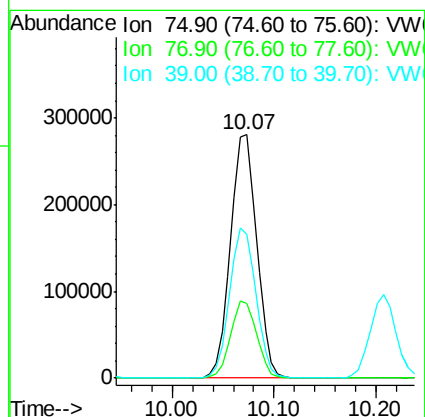
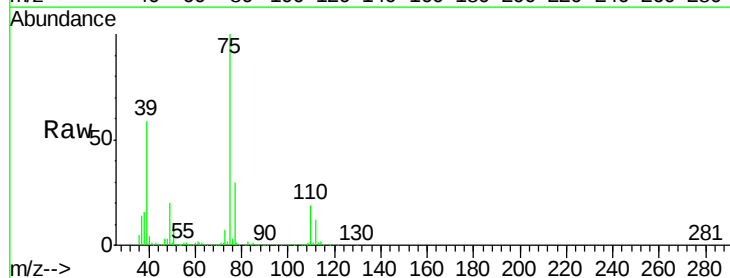
Tgt Ion: 75 Resp: 500847

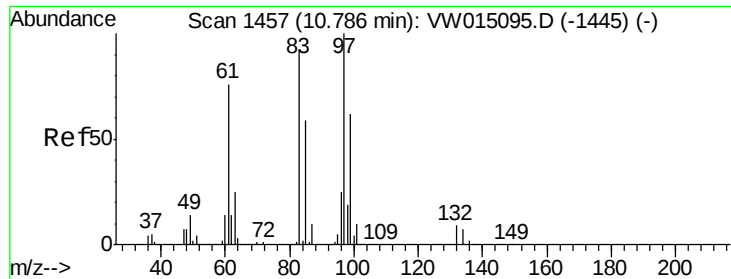
Ion Ratio Lower Upper

75 100

77 30.4 24.3 36.5

39 58.8 47.0 70.6

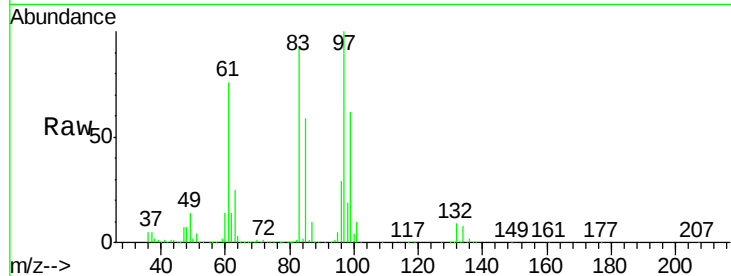




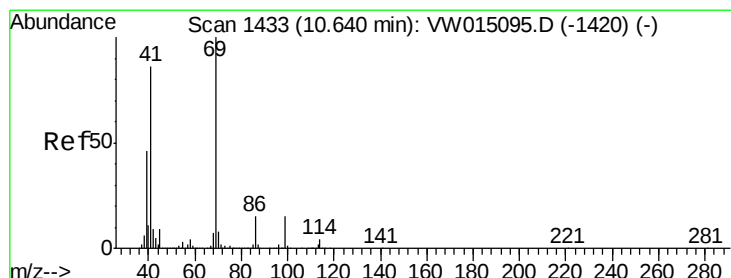
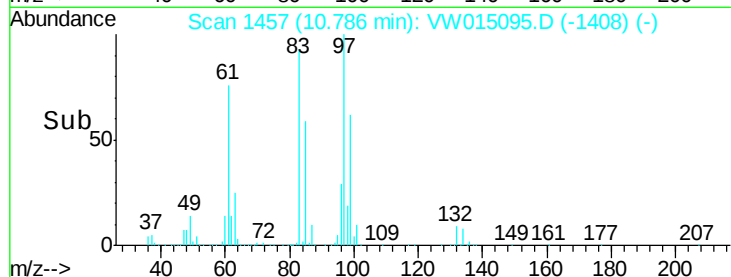
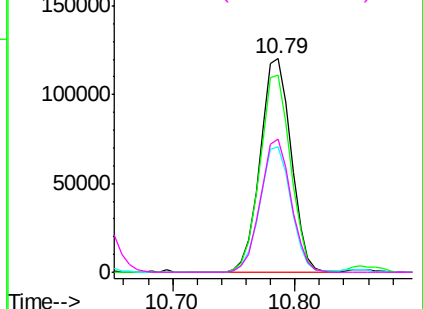
#55
 1,1,2-Trichloroethane
 Concen: 52.59 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	213340
Ion	Ratio	Lower	Upper
97	100		
83	92.5	74.0	111.0
85	58.6	46.9	70.3
99	62.3	49.8	74.8

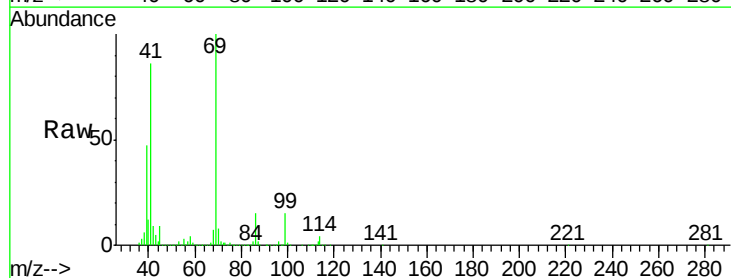


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

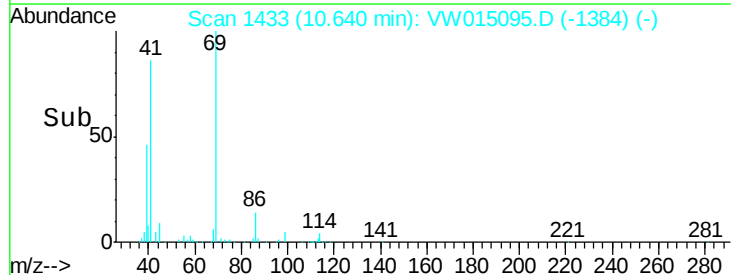
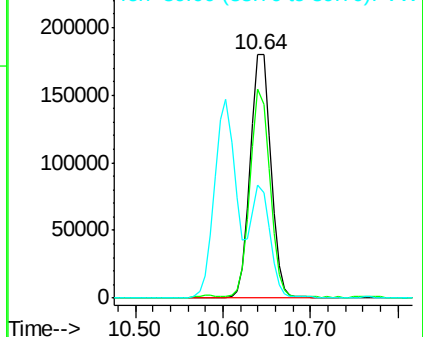


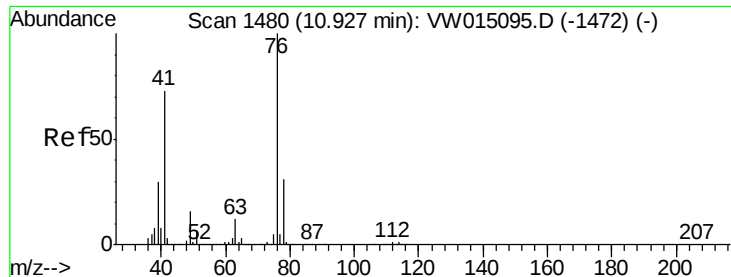
#56
 Ethyl methacrylate
 Concen: 56.53 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion:	69	Resp:	295921
Ion	Ratio	Lower	Upper
69	100		
41	82.2	65.8	98.6
39	39.0	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: 53.22 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

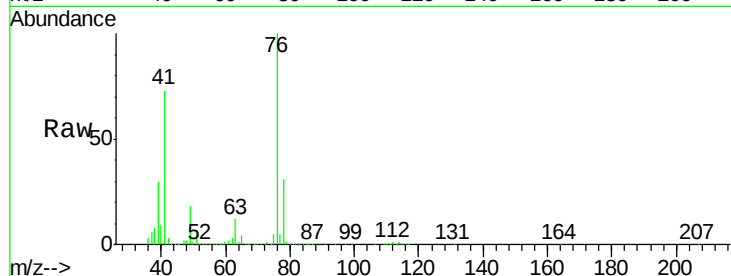
VSTDICCC050

Tgt Ion: 76 Resp: 411043

Ion Ratio Lower Upper

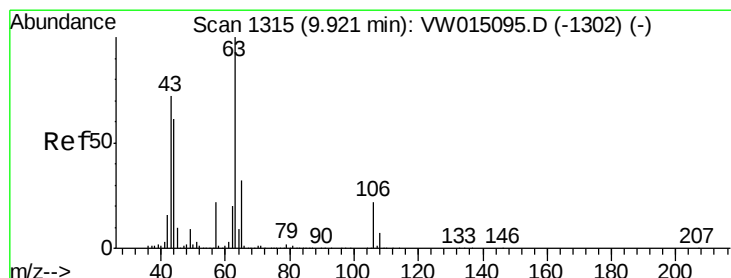
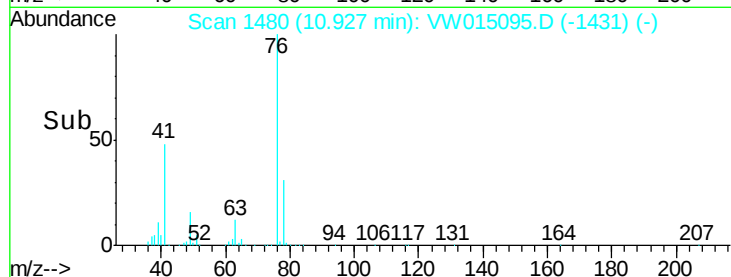
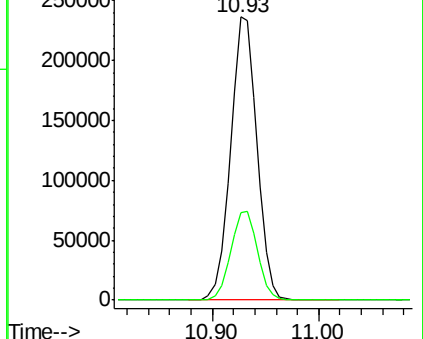
76 100

78 31.6 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 281.69 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW015095.D

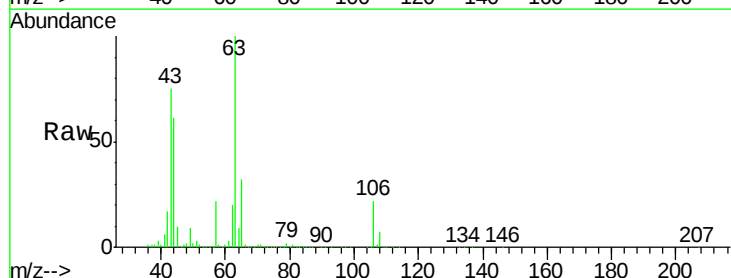
Acq: 09 Mar 2020 11:55

Tgt Ion: 63 Resp: 865200

Ion Ratio Lower Upper

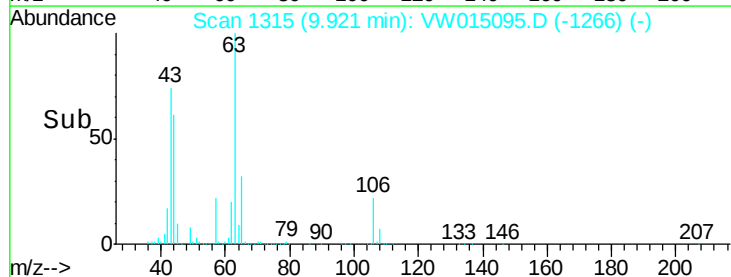
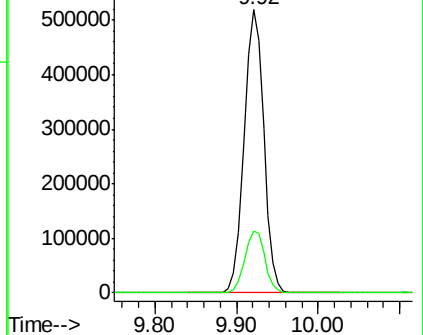
63 100

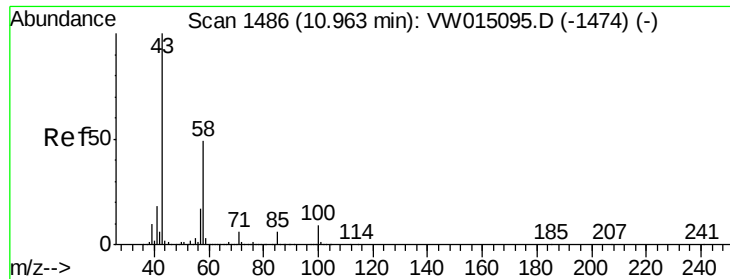
106 22.5 18.0 27.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

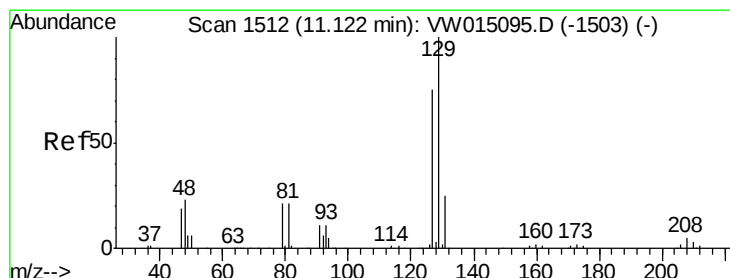
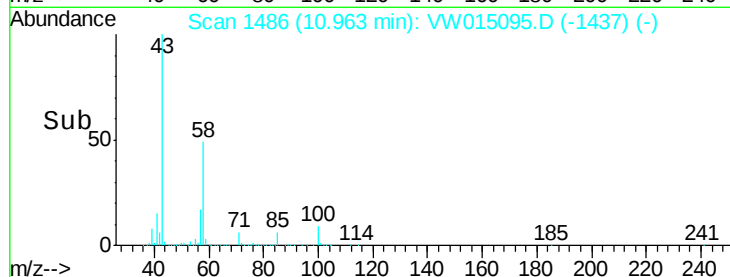
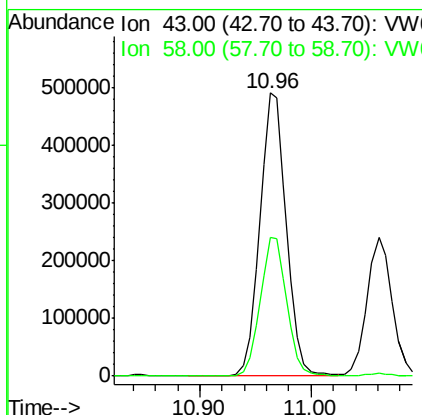
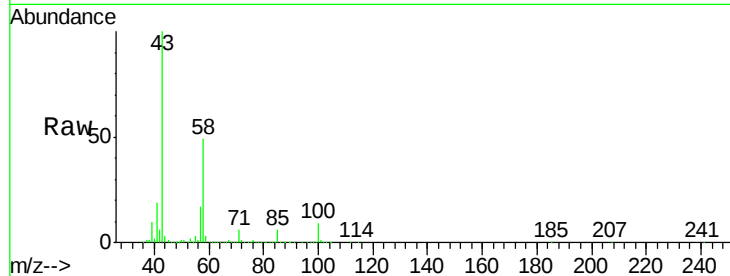




#59
2-Hexanone
Concen: 290.03 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

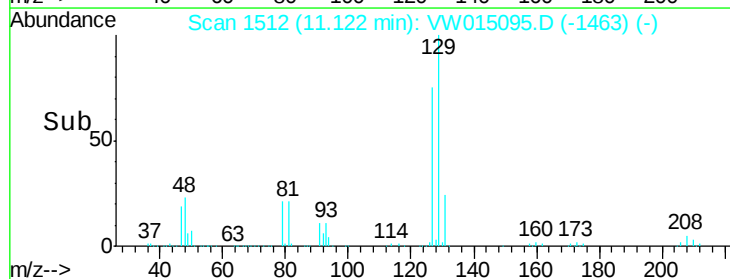
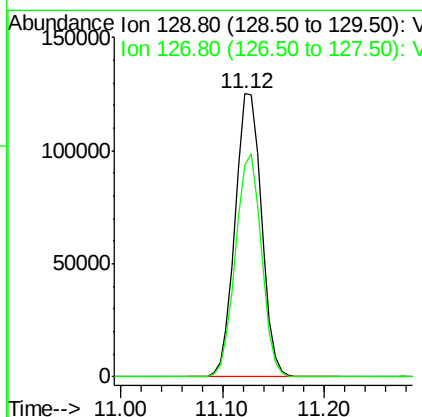
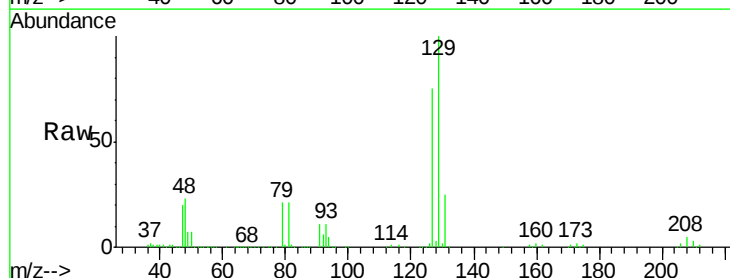
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

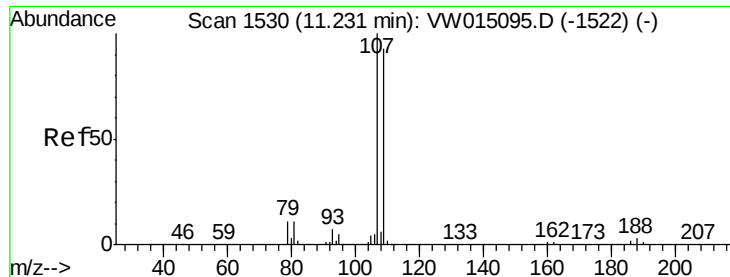
Tgt Ion: 43 Resp: 813427
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.8



#60
Dibromochloromethane
Concen: 53.34 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 129 Resp: 223502
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

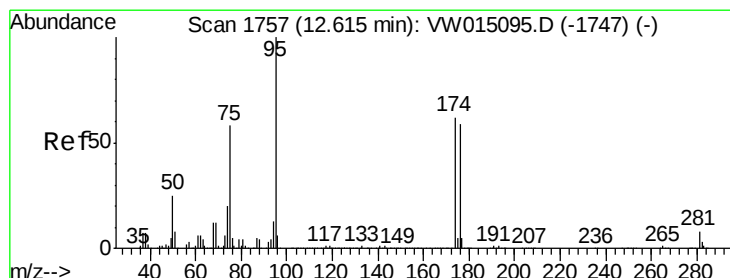
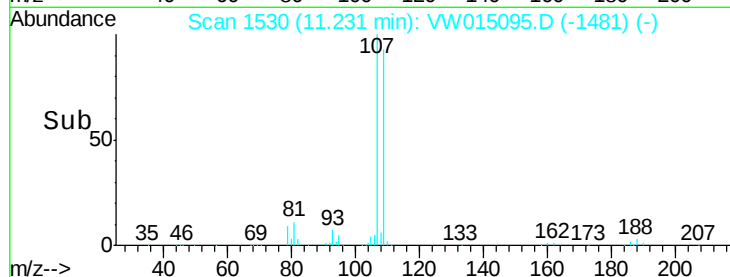
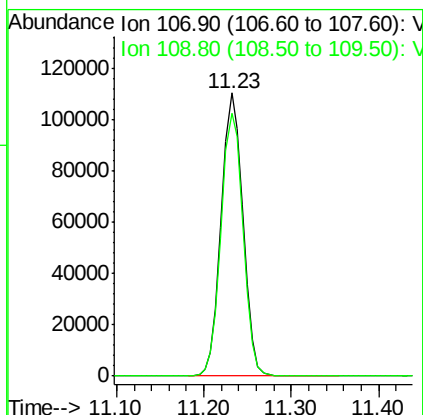
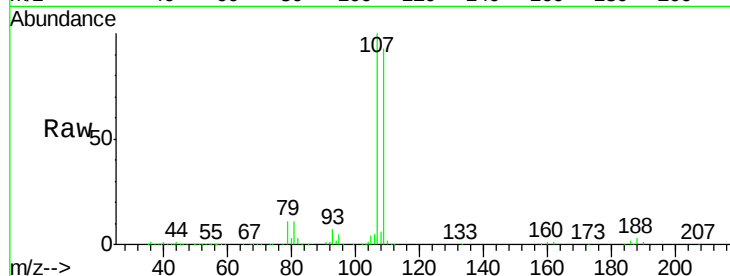




#61
 1,2-Dibromoethane
 Concen: 52.75 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

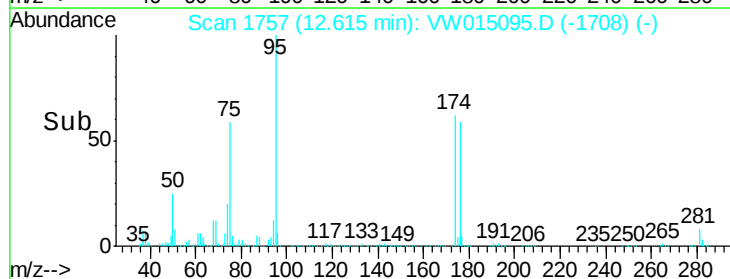
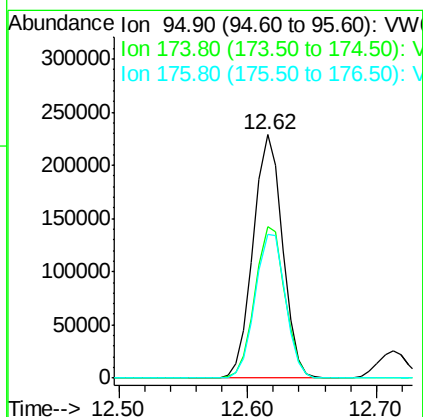
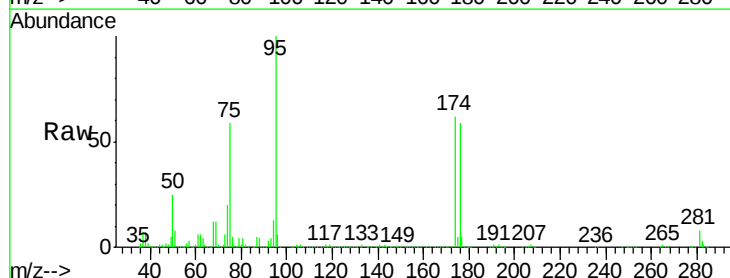
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

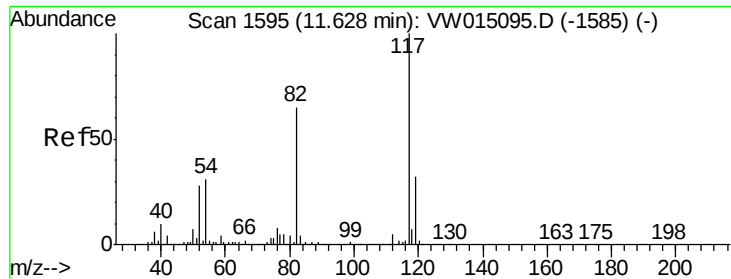
Tgt Ion: 107 Resp: 189734
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 55.21 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 95 Resp: 360700
 Ion Ratio Lower Upper
 95 100
 174 63.4 0.0 126.8
 176 60.8 0.0 121.6

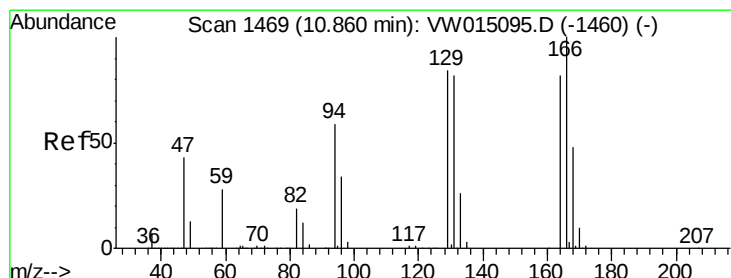
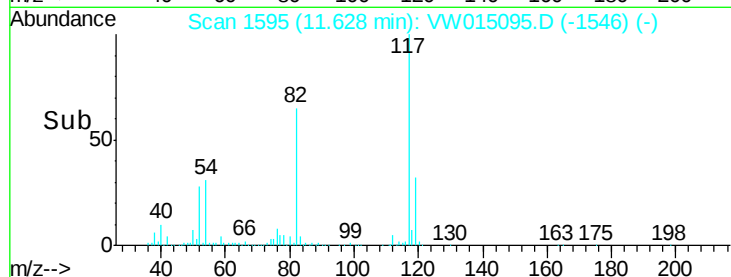
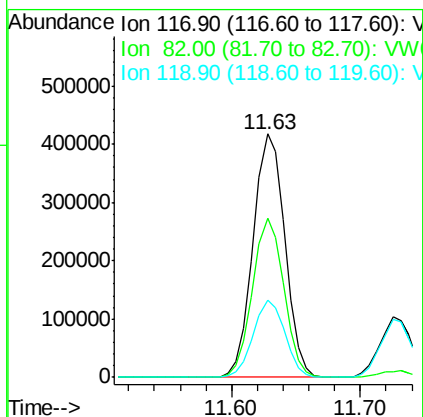
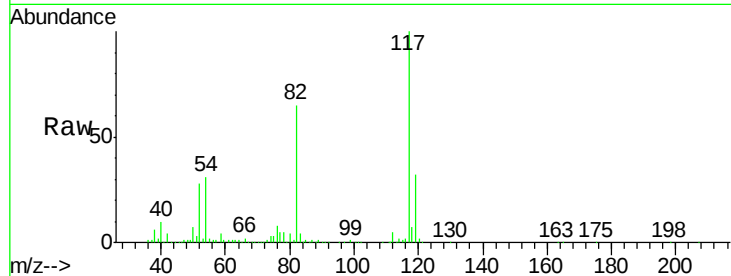




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

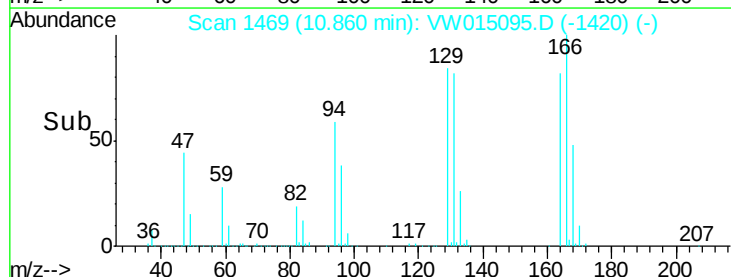
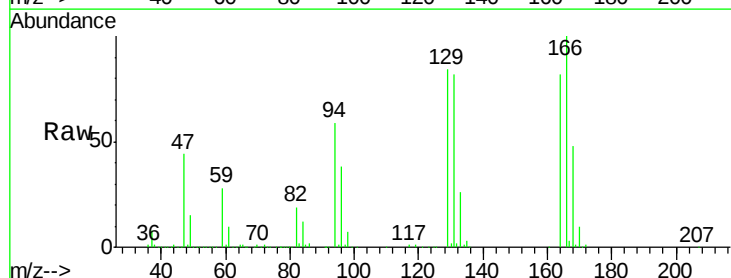
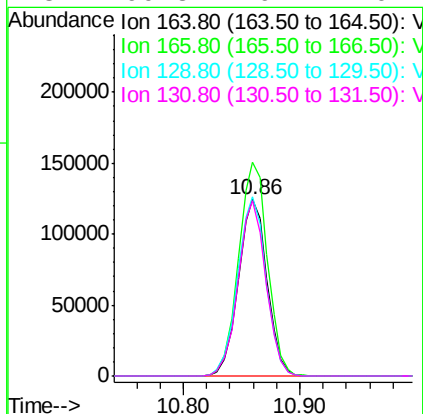
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

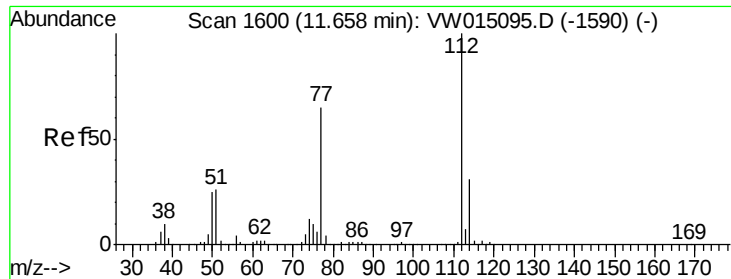
Tgt Ion:117 Resp: 711246
Ion Ratio Lower Upper
117 100
82 65.2 52.2 78.2
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 51.59 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion:164 Resp: 211750
Ion Ratio Lower Upper
164 100
166 121.3 97.0 145.6
129 101.5 81.2 121.8
131 99.3 79.4 119.2

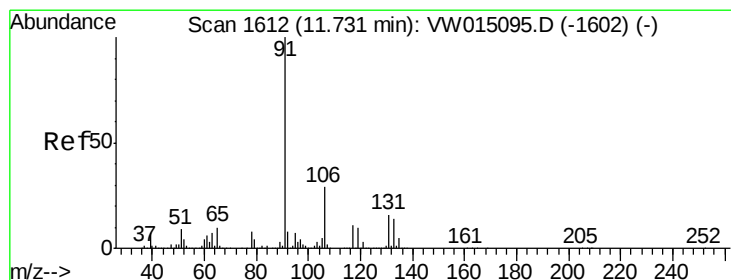
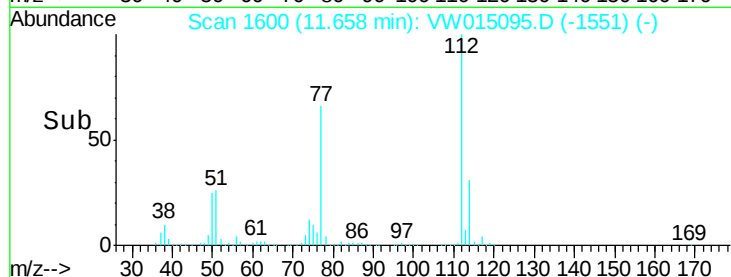
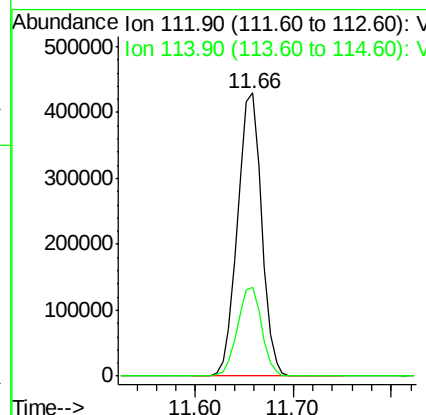
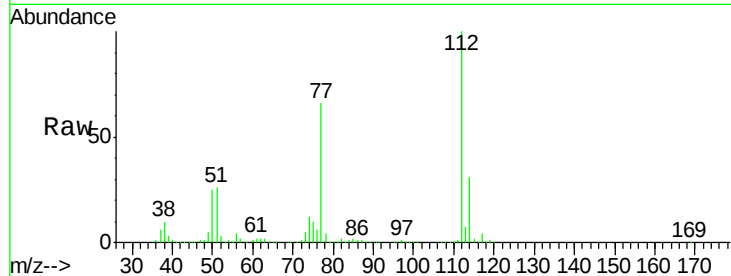




#65
Chlorobenzene
Concen: 51.47 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

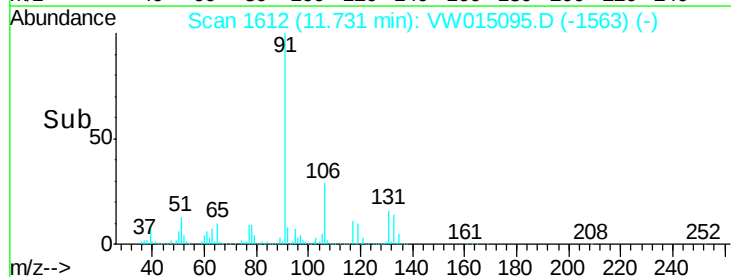
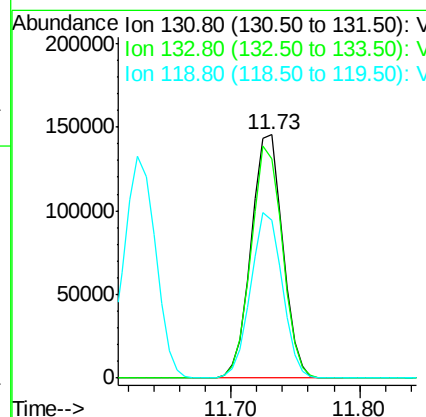
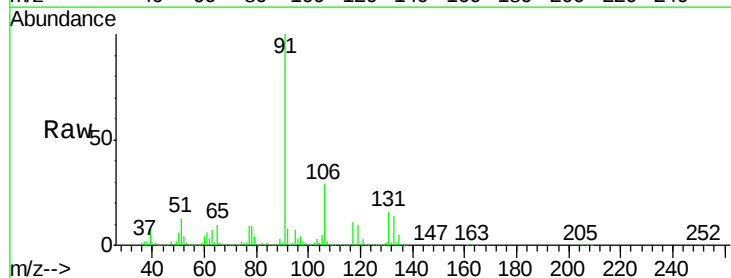
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

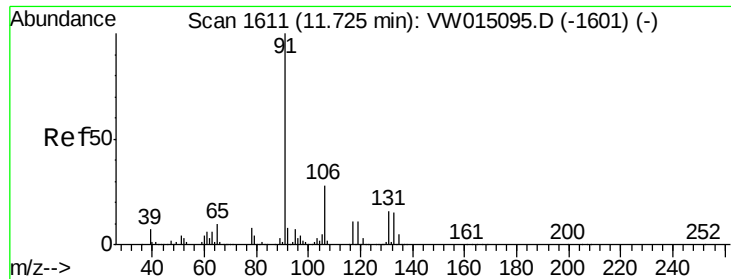
Tgt Ion:112 Resp: 734759
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.74 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion:131 Resp: 245982
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 67.9 34.0 101.8

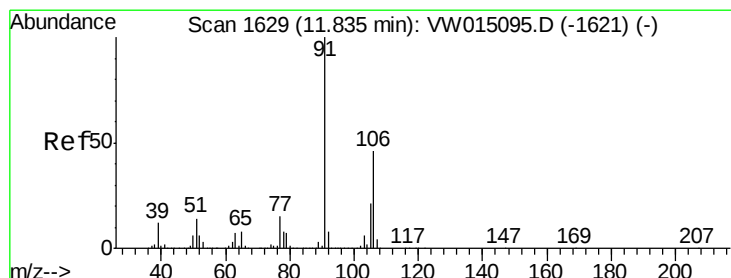
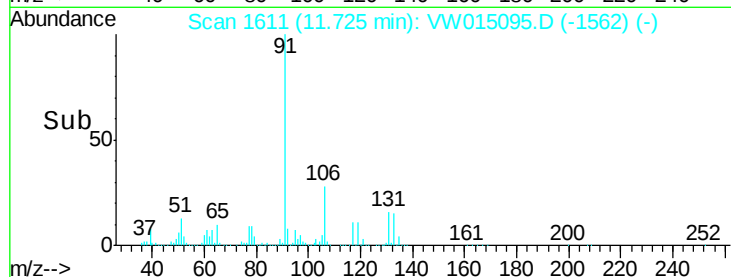
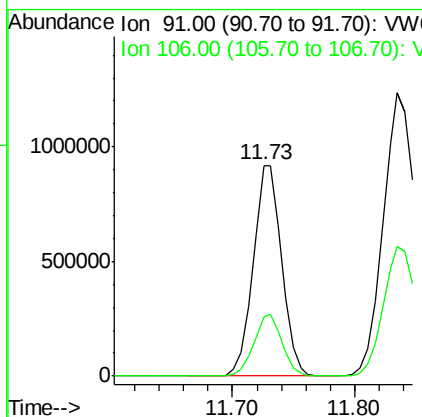
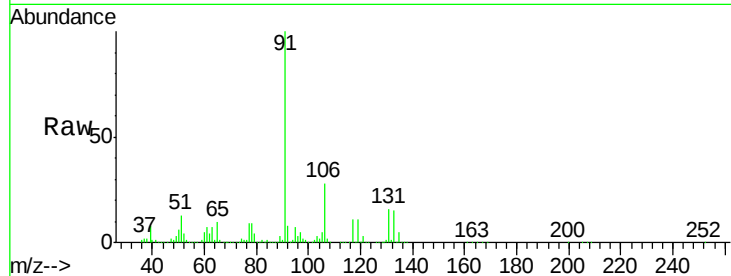




#67
Ethyl Benzene
Concen: 53.54 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

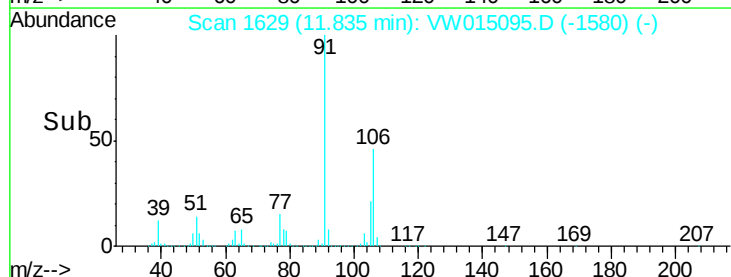
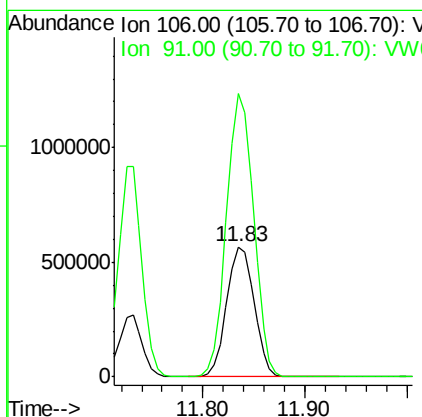
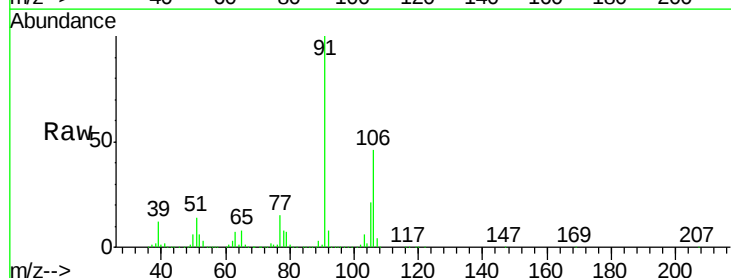
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

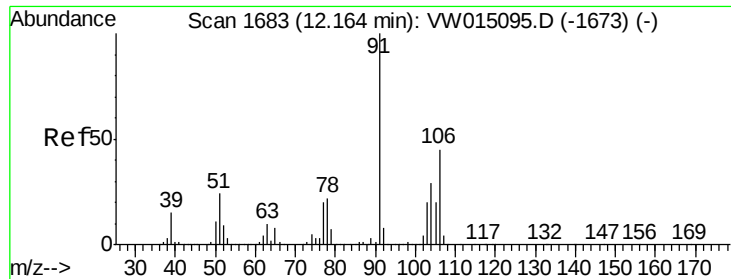
Tgt Ion: 91 Resp: 1487277
Ion Ratio Lower Upper
91 100
106 28.5 22.8 34.2



#68
m/p-Xylenes
Concen: 107.70 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 106 Resp: 1057657
Ion Ratio Lower Upper
106 100
91 215.4 172.3 258.5

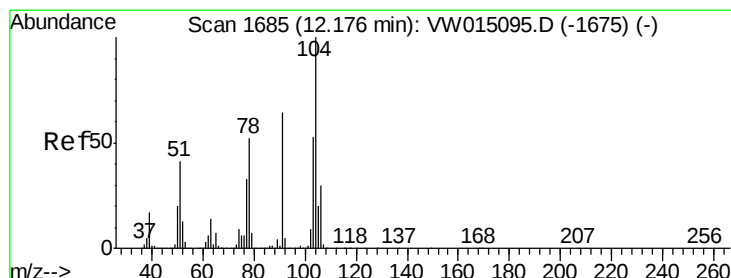
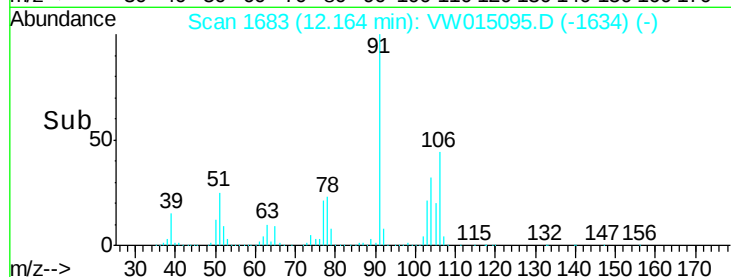
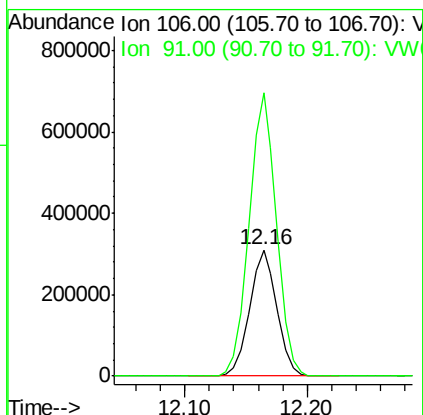
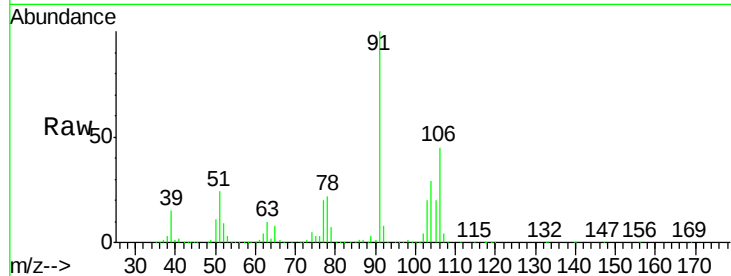




#69
o-Xylene
Concen: 54.17 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

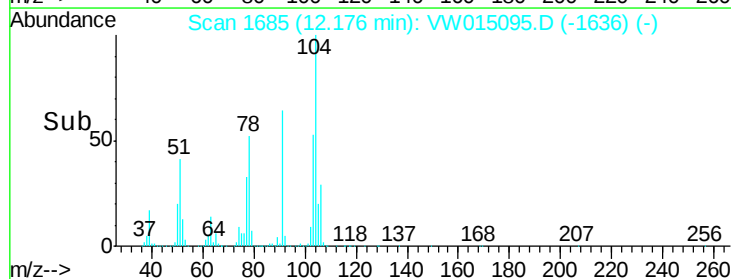
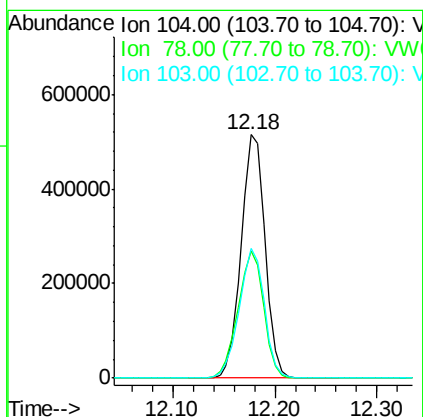
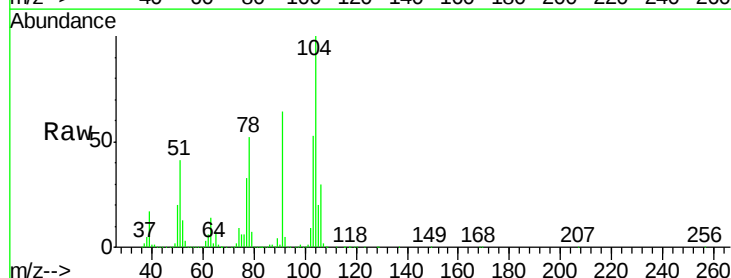
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

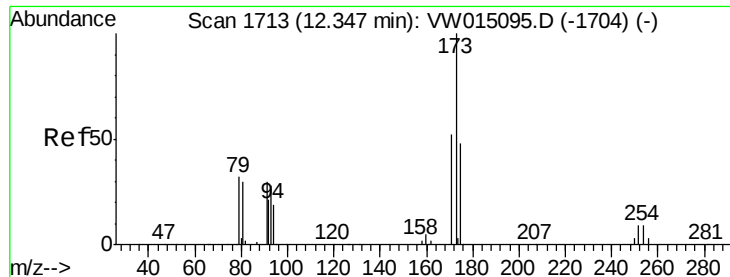
Tgt Ion:106 Resp: 479228
Ion Ratio Lower Upper
106 100
91 225.2 112.6 337.8



#70
Styrene
Concen: 55.24 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion:104 Resp: 837277
Ion Ratio Lower Upper
104 100
78 55.9 44.7 67.1
103 55.9 44.7 67.1

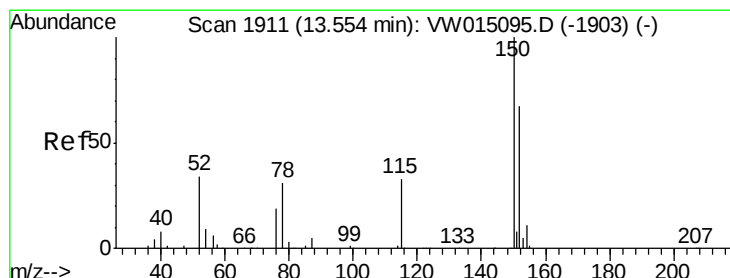
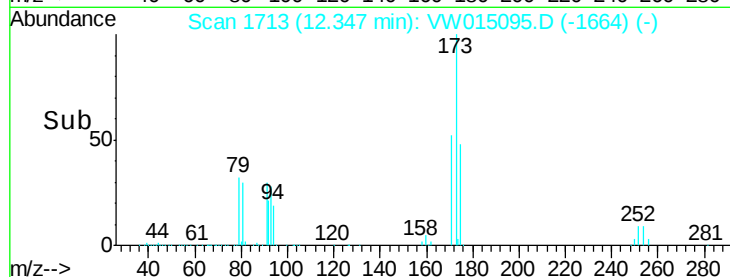
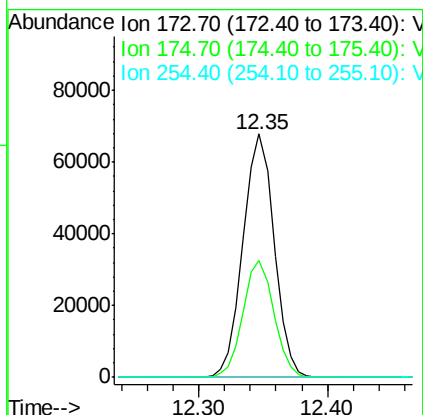
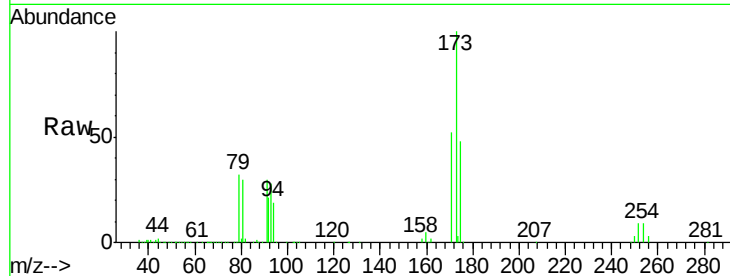




#71
Bromoform
Concen: 53.73 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

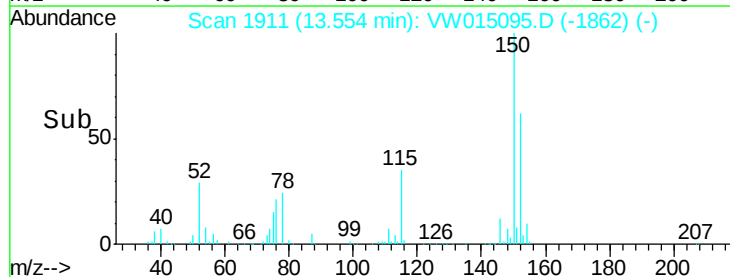
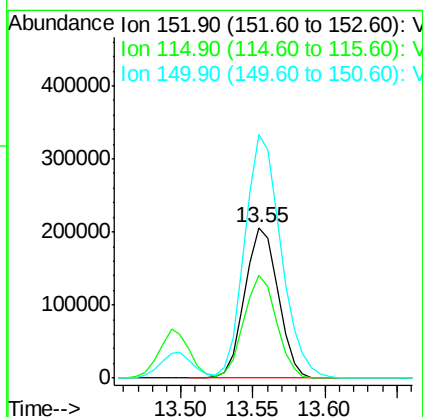
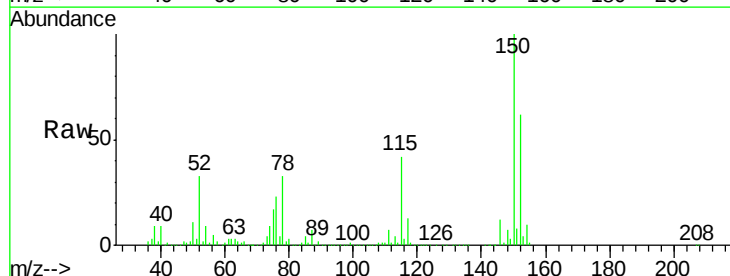
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

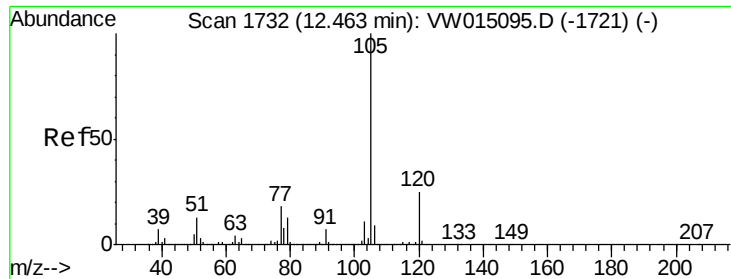
Tgt Ion:173 Resp: 113361
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.4
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion:152 Resp: 329371
Ion Ratio Lower Upper
152 100
115 66.6 33.3 99.9
150 175.6 0.0 351.2





#73

Isopropylbenzene

Concen: 54.27 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

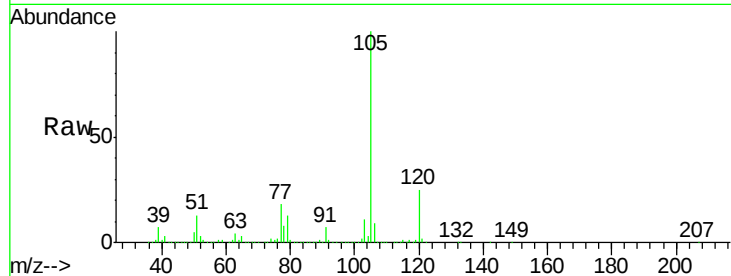
VSTDICCC050

Tgt Ion: 105 Resp: 1365413

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

800000

600000

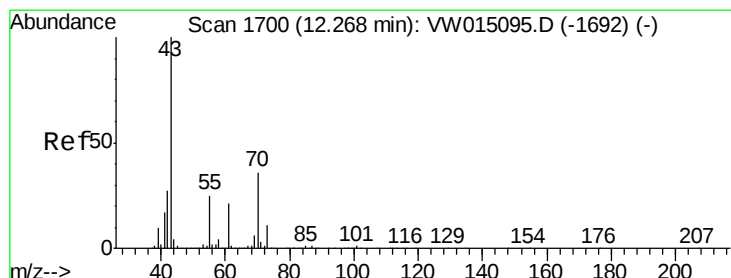
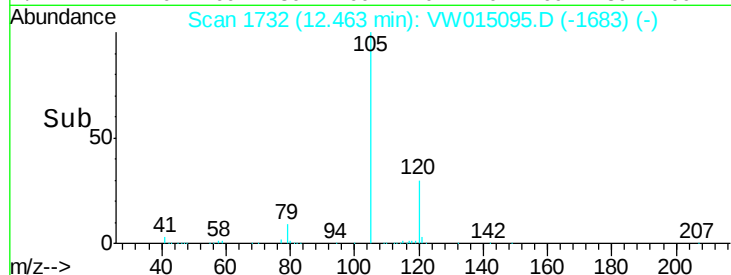
400000

200000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 55.82 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Tgt Ion: 43 Resp: 415068

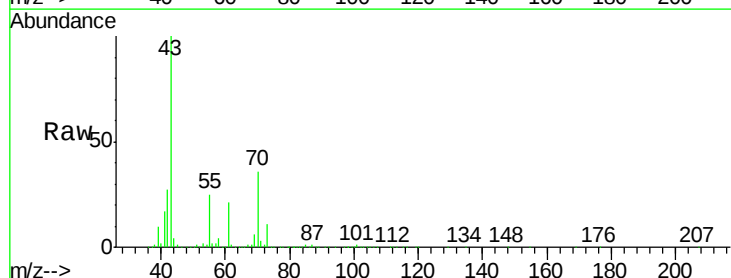
Ion Ratio Lower Upper

43 100

70 36.8 29.4 44.2

55 25.4 20.3 30.5

61 21.4 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

400000

300000

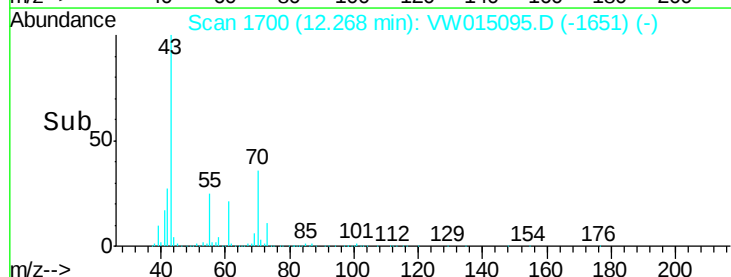
200000

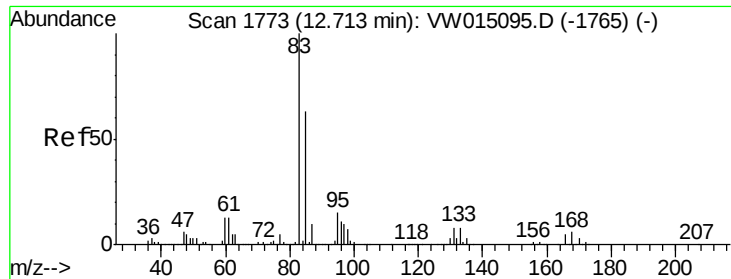
100000

0

Time-->

12.20 12.30 12.40

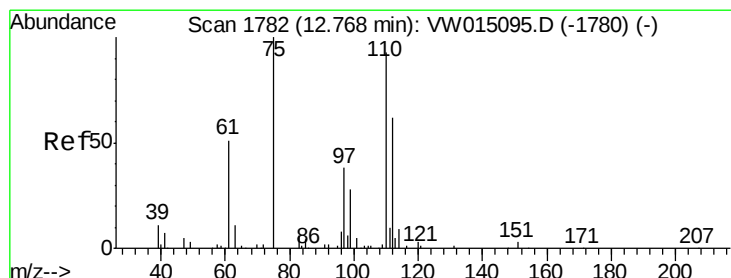
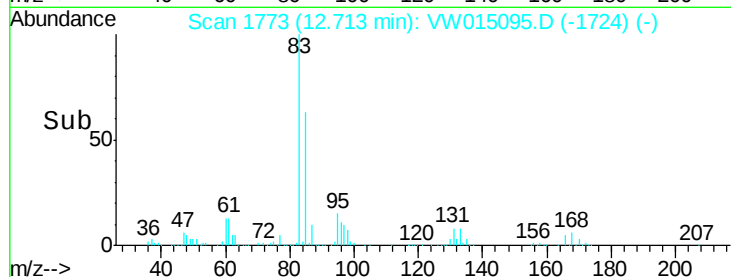
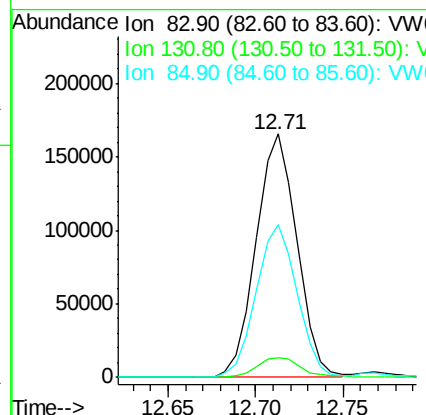
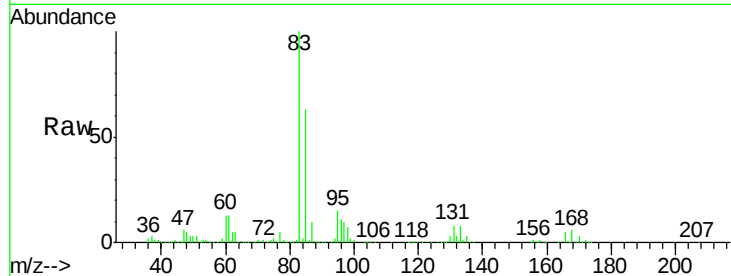




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.67 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

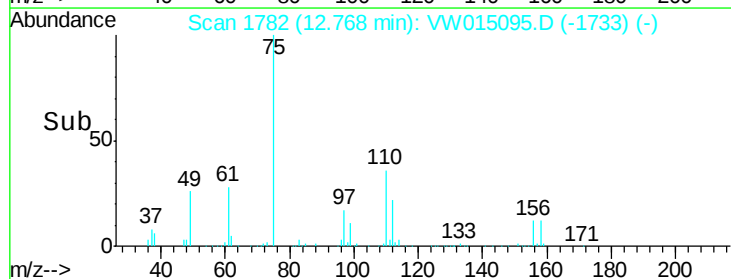
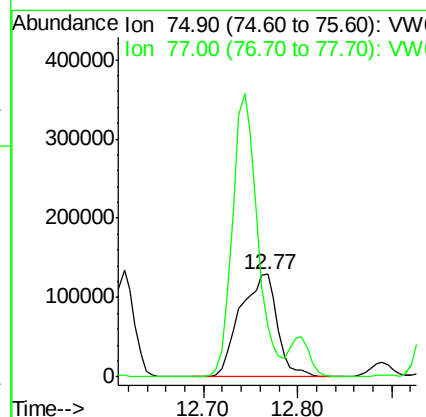
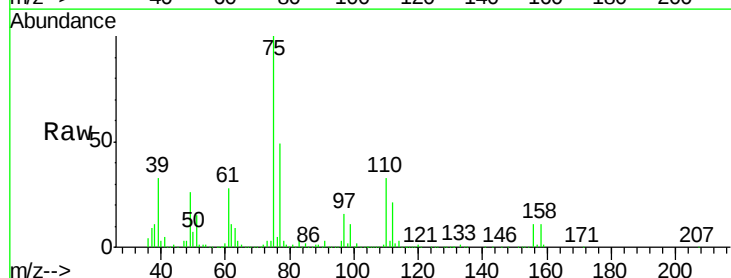
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

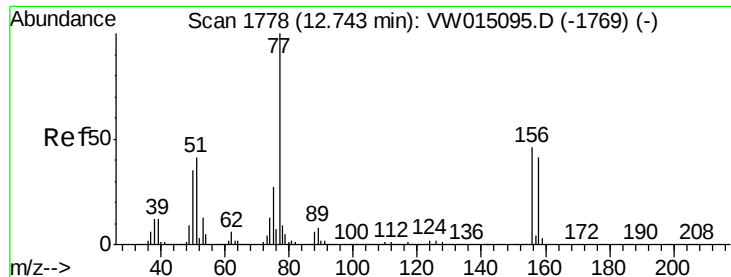
Tgt Ion: 83 Resp: 269114
 Ion Ratio Lower Upper
 83 100
 131 8.7 4.3 13.1
 85 63.0 31.5 94.5



#76
 1,2,3-Trichloropropane
 Concen: 58.40 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 75 Resp: 356478
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.89 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

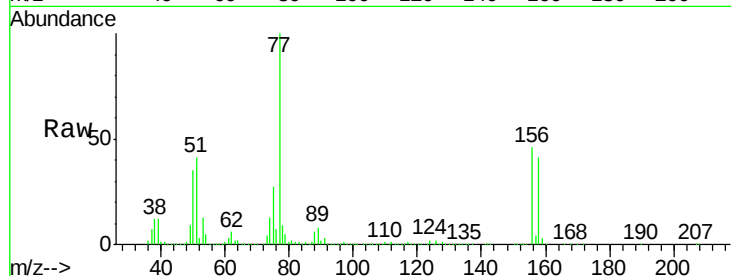
Tgt Ion:156 Resp: 263032

Ion Ratio Lower Upper

156 100

77 253.2 126.6 379.8

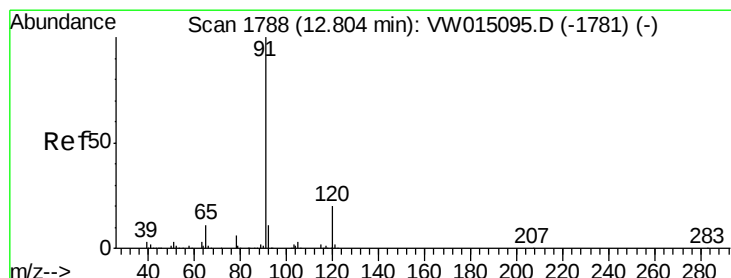
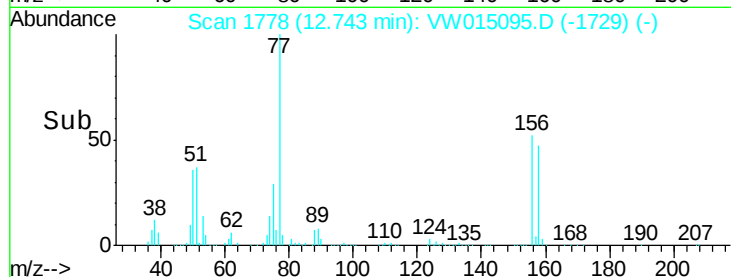
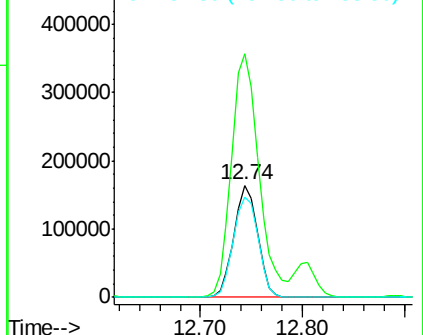
158 94.8 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.52 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015095.D

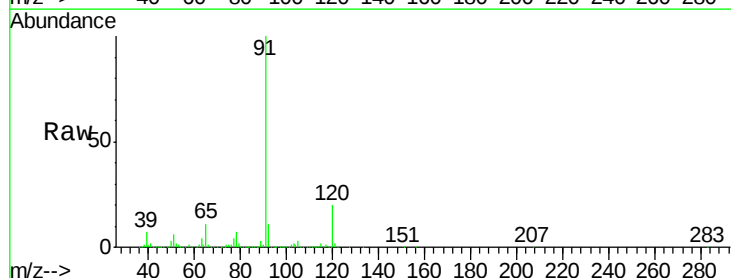
Acq: 09 Mar 2020 11:55

Tgt Ion: 91 Resp: 1782708

Ion Ratio Lower Upper

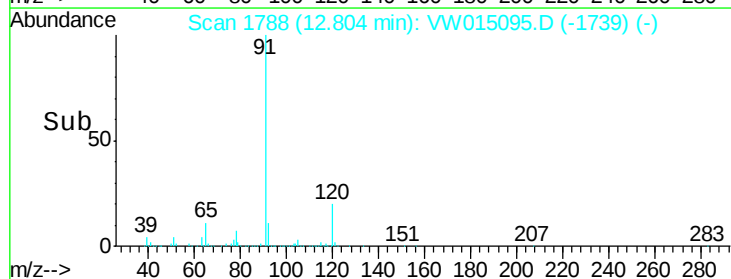
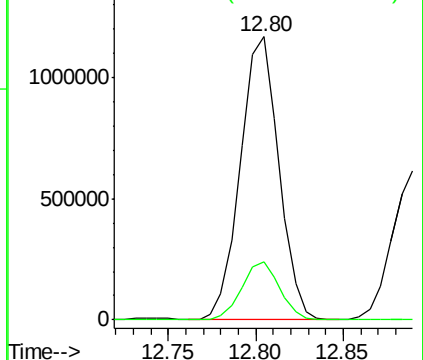
91 100

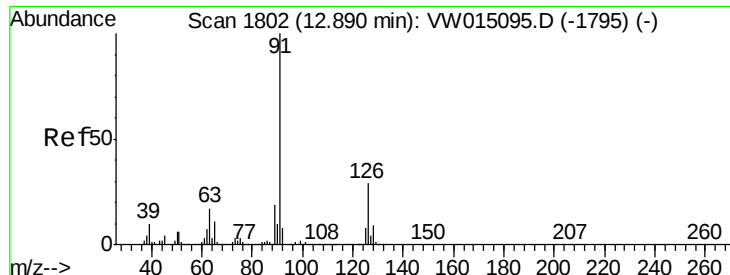
120 20.3 10.2 30.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

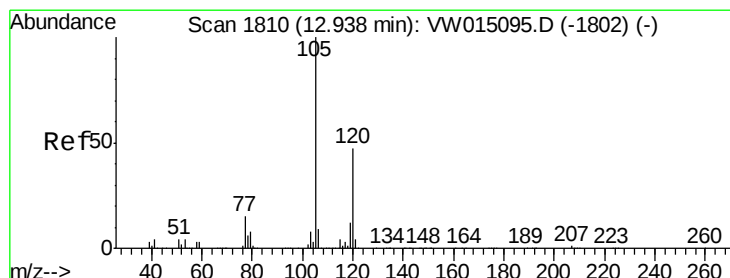
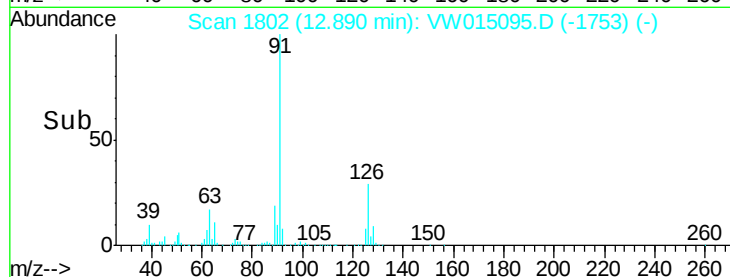
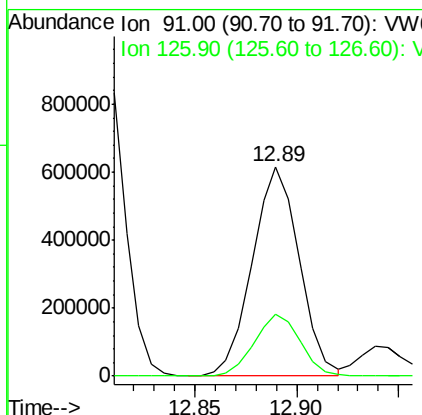
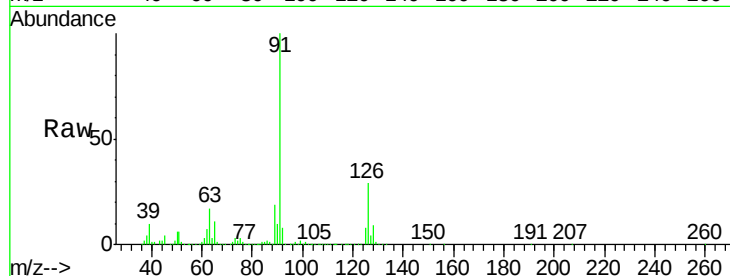




#79
 2-Chlorotoluene
 Concen: 53.39 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

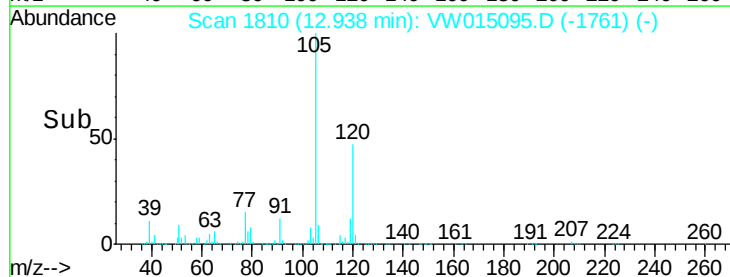
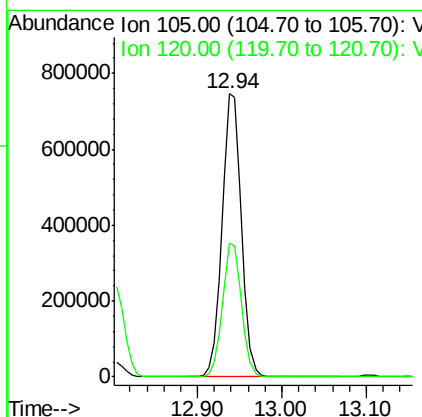
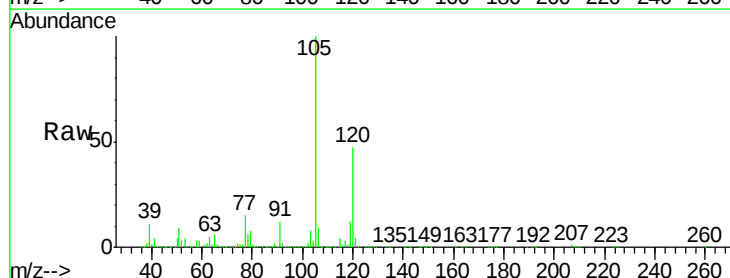
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

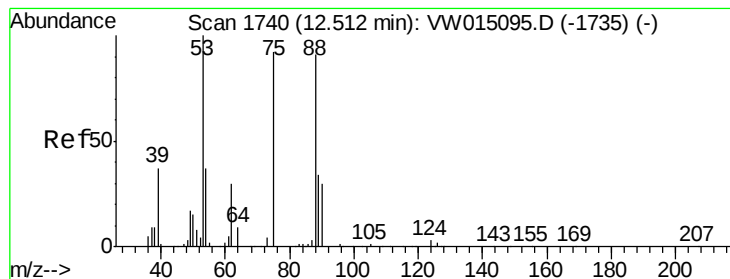
Tgt Ion: 91 Resp: 981578
 Ion Ratio Lower Upper
 91 100
 126 29.1 14.5 43.6



#80
 1,3,5-Trimethylbenzene
 Concen: 54.36 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 105 Resp: 1175912
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.18 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

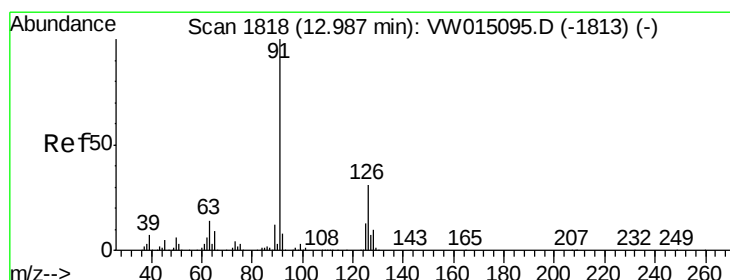
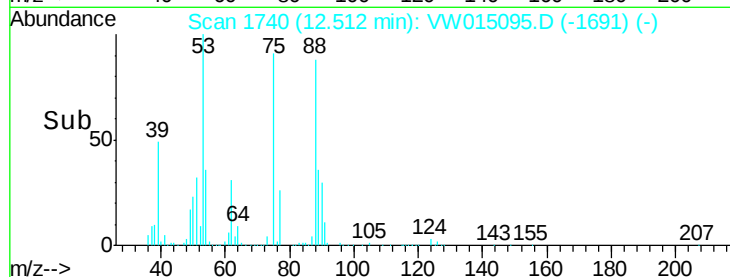
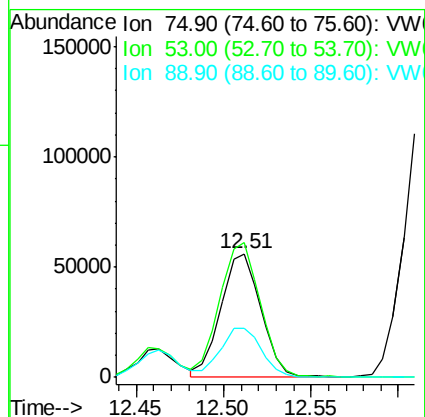
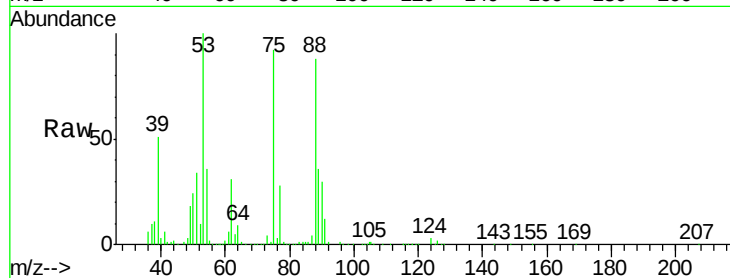
Tgt Ion: 75 Resp: 89290

Ion Ratio Lower Upper

75 100

53 110.5 88.4 132.6

89 41.4 33.1 49.7



#82

4-Chlorotoluene

Concen: 52.72 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015095.D

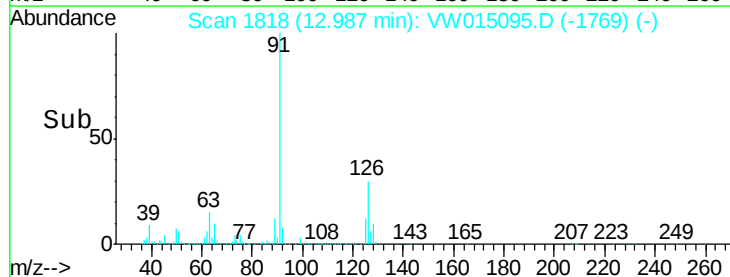
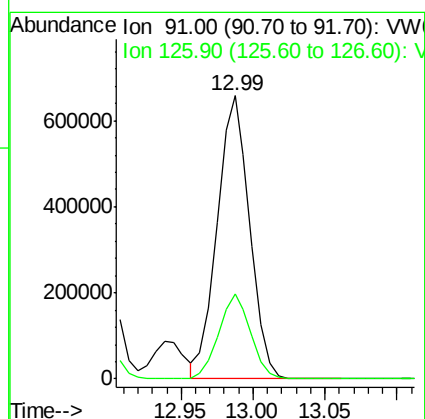
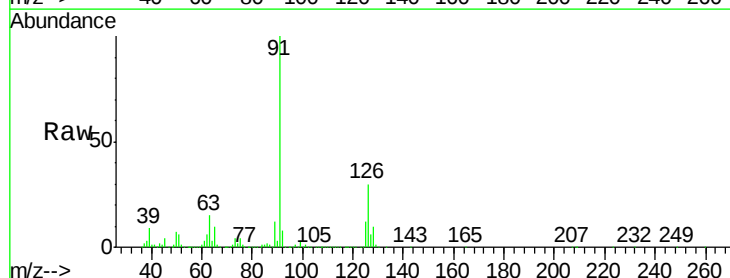
Acq: 09 Mar 2020 11:55

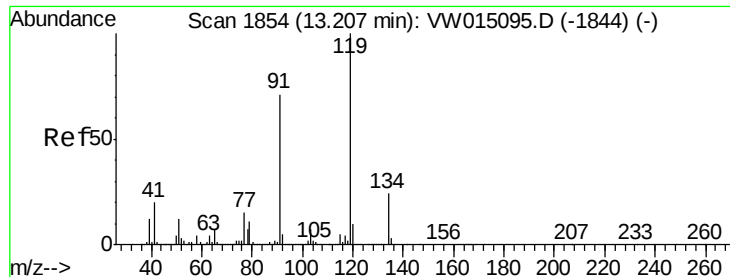
Tgt Ion: 91 Resp: 1032172

Ion Ratio Lower Upper

91 100

126 29.6 14.8 44.4

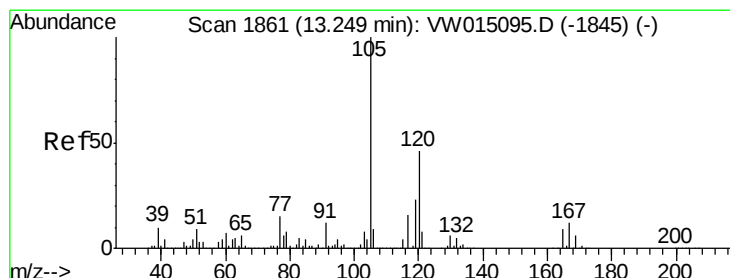
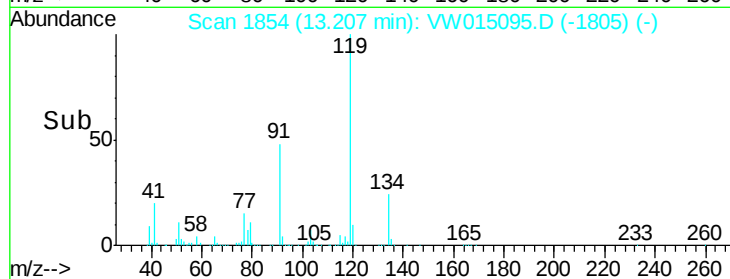
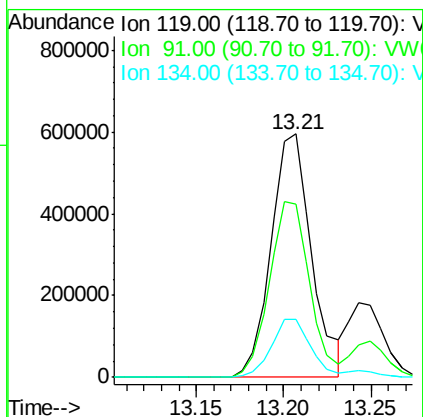
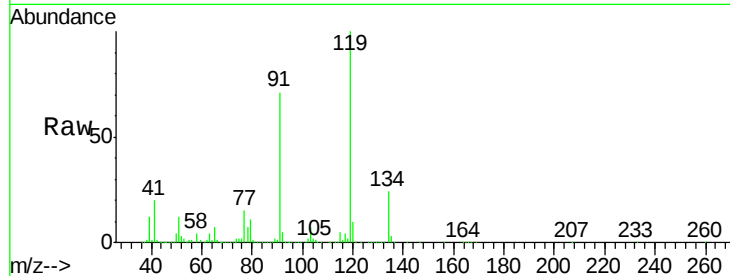




#83
 tert-Butylbenzene
 Concen: 54.83 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

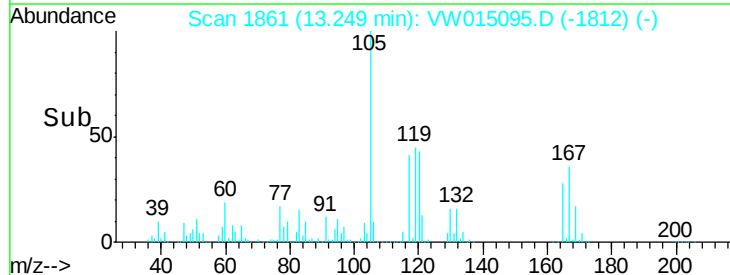
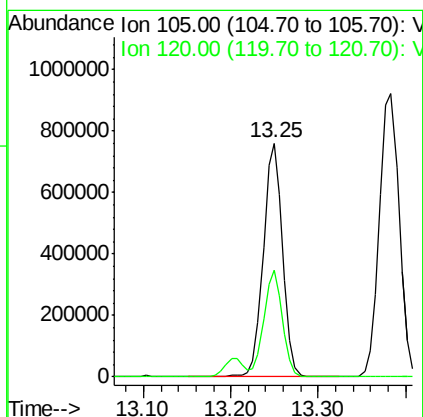
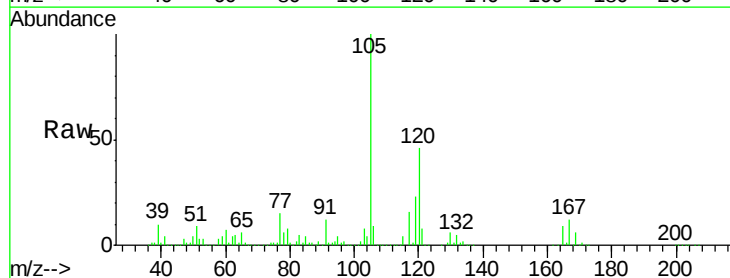
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

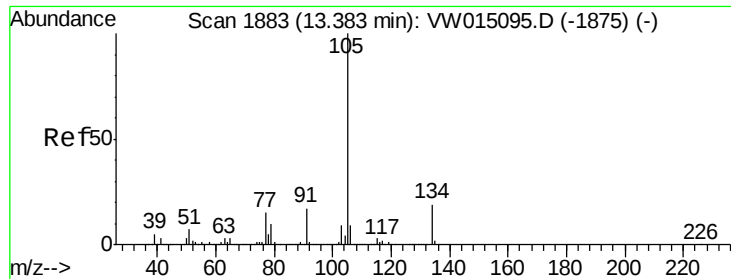
Tgt Ion:119 Resp: 960919
 Ion Ratio Lower Upper
 119 100
 91 71.4 35.7 107.1
 134 25.4 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.17 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion:105 Resp: 1171678
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.3

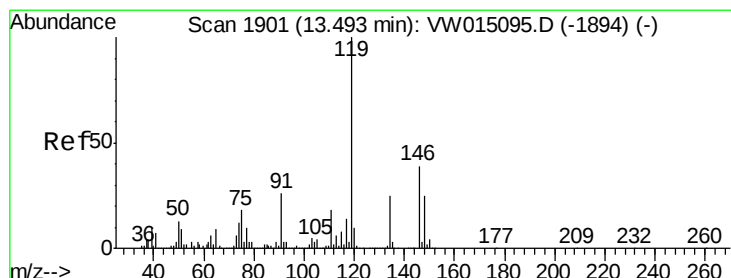
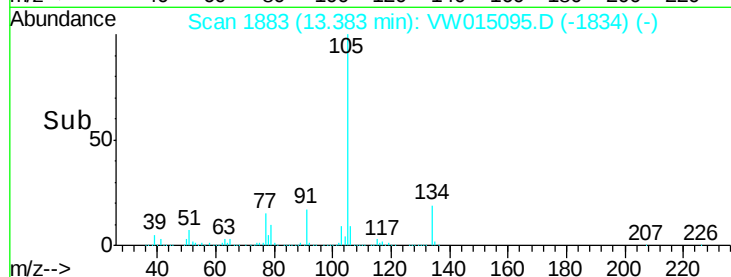
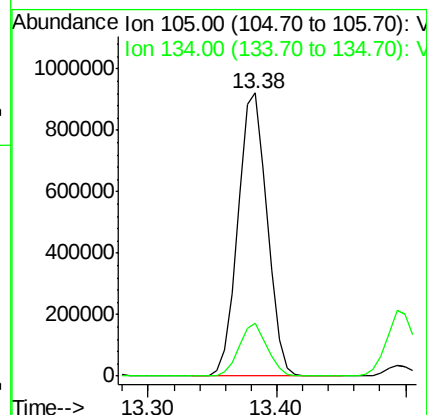
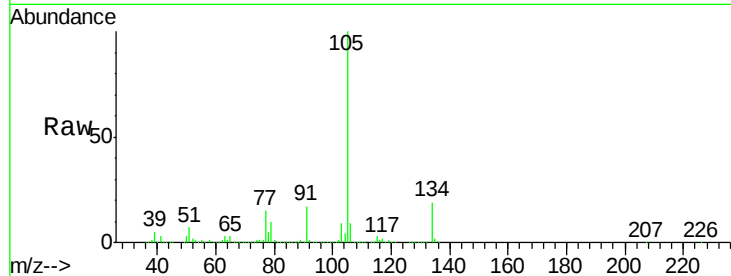




#85
 sec-Butylbenzene
 Concen: 54.45 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

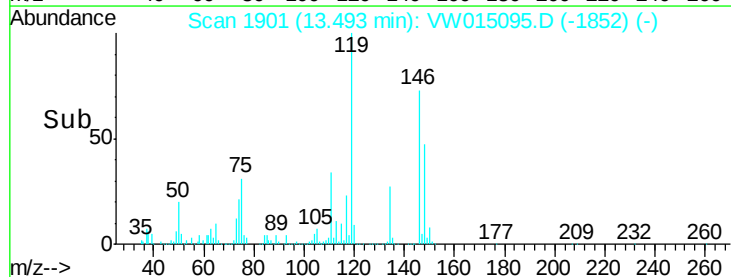
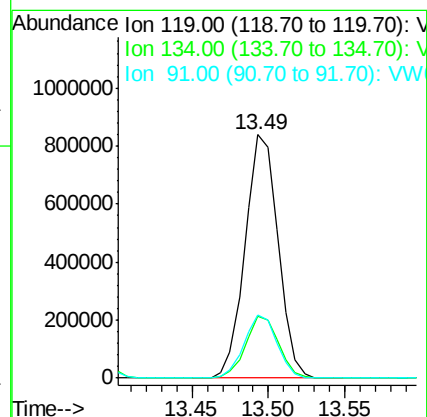
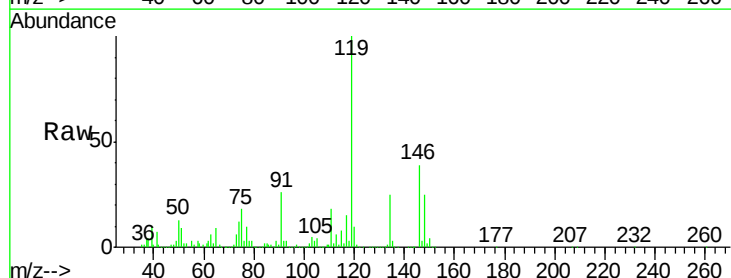
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

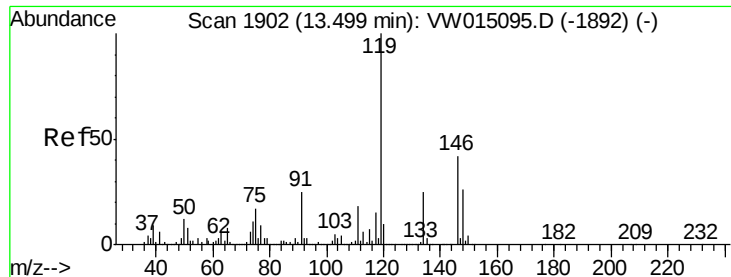
Tgt Ion:105 Resp: 1444315
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 55.17 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion:119 Resp: 1257737
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 25.7 12.9 38.6

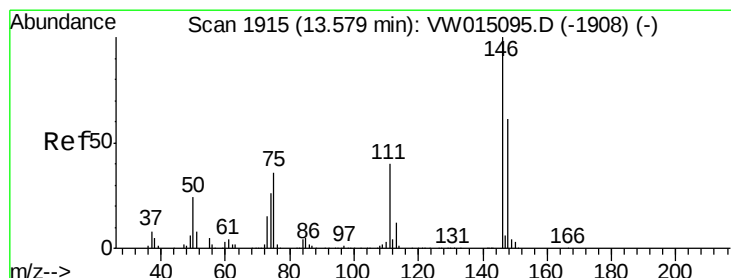
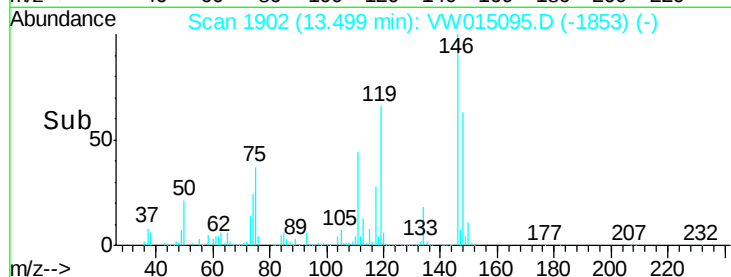
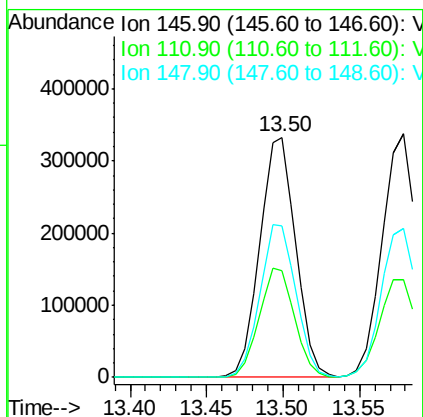
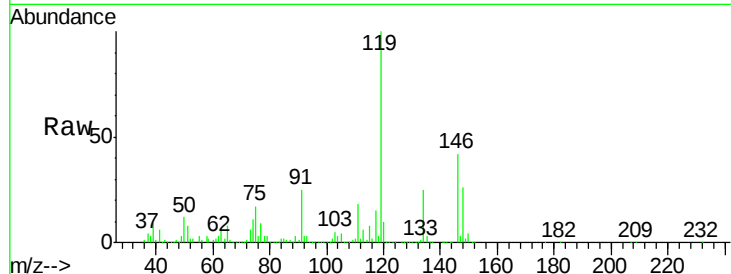




#87
 1,3-Dichlorobenzene
 Concen: 51.57 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

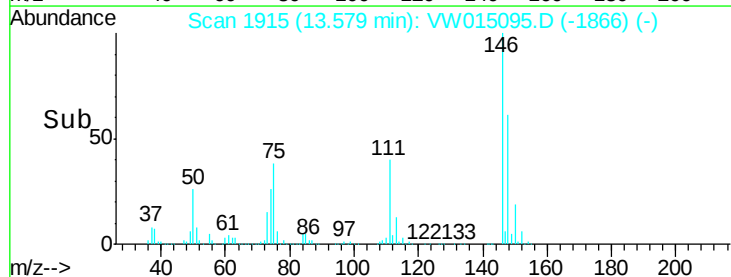
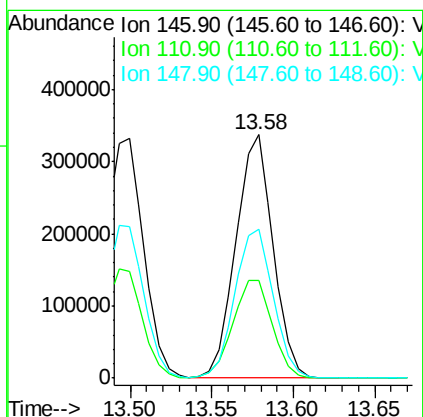
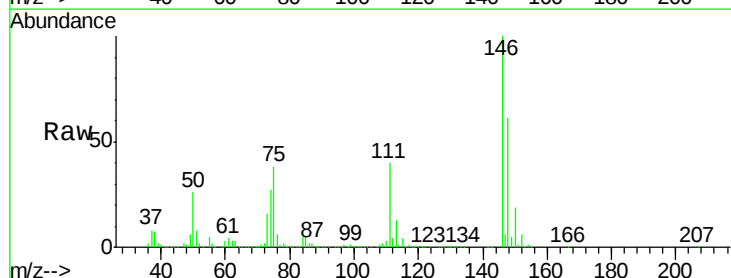
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

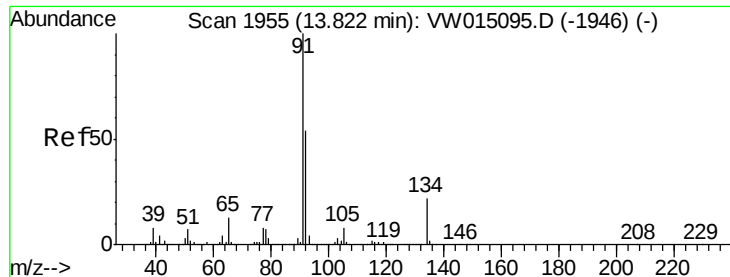
Tgt Ion:146 Resp: 543363
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.5 67.5
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 51.55 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion:146 Resp: 534873
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 55.52 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

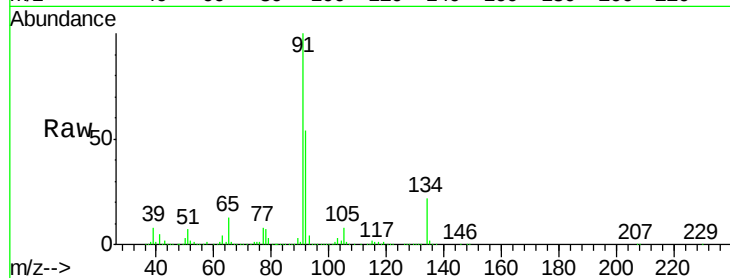
Tgt Ion: 91 Resp: 1365009

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.3

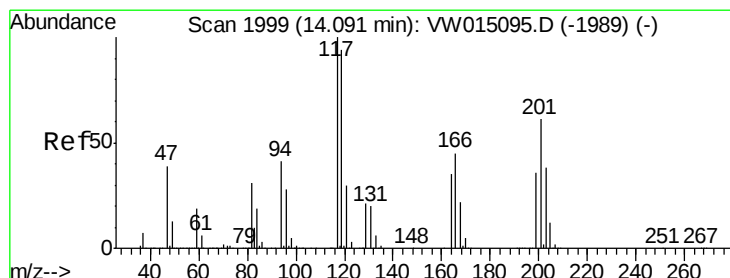
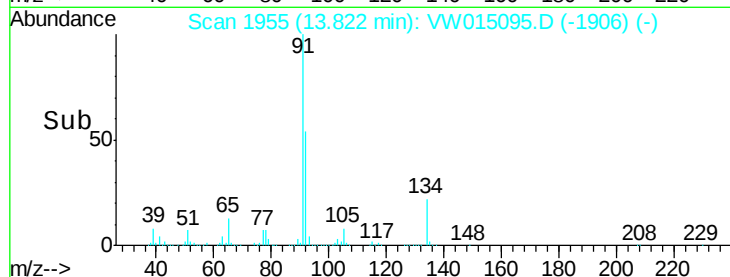
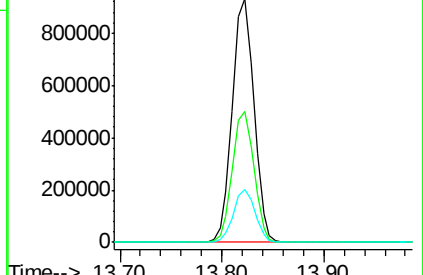
134 21.6 10.8 32.4



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): VW



#90

Hexachloroethane

Concen: 51.34 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015095.D

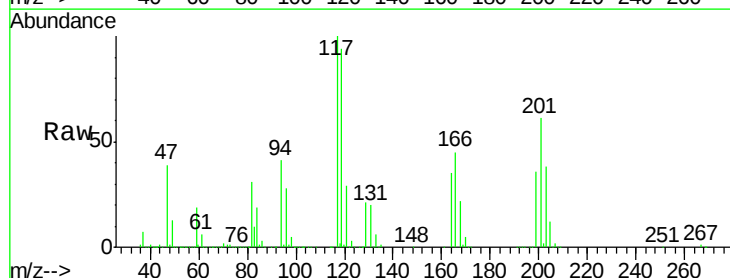
Acq: 09 Mar 2020 11:55

Tgt Ion: 117 Resp: 234724

Ion Ratio Lower Upper

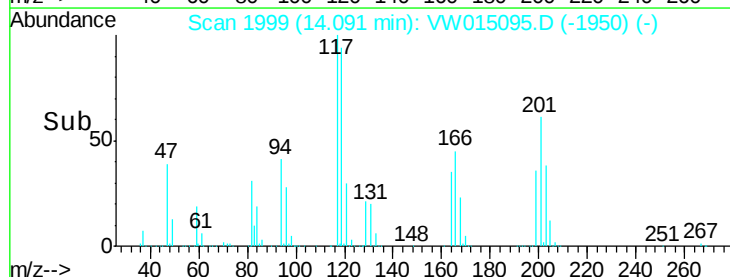
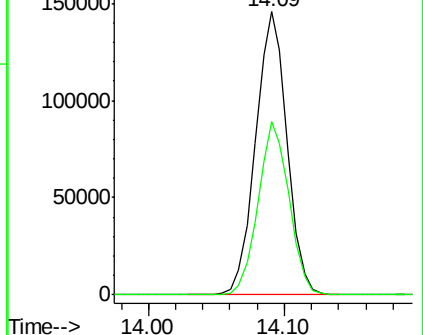
117 100

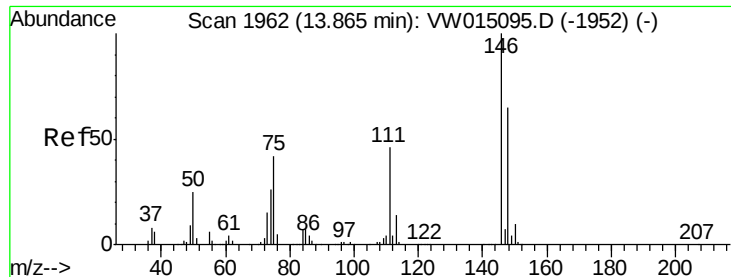
201 60.6 30.3 90.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

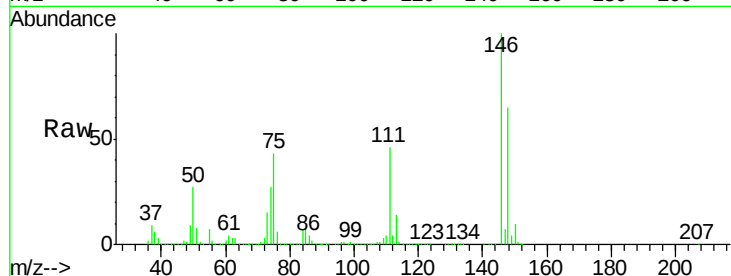




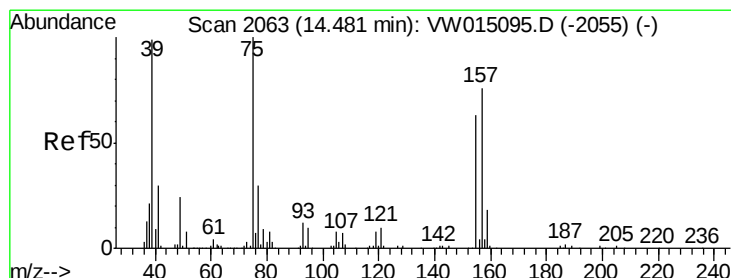
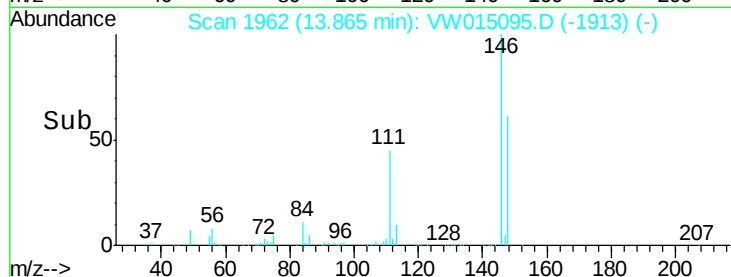
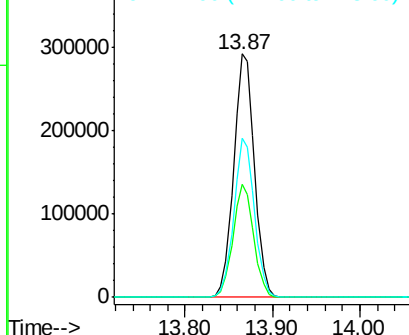
#91
 1,2-Dichlorobenzene
 Concen: 52.35 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 483131
 Ion Ratio Lower Upper
 146 100
 111 46.1 23.1 69.2
 148 64.6 32.3 96.9

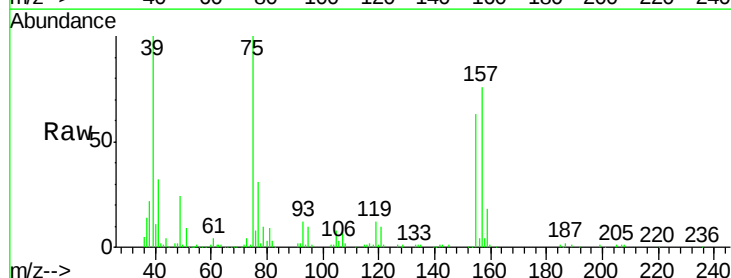


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

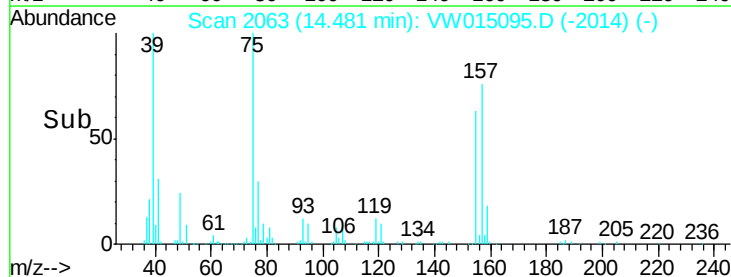
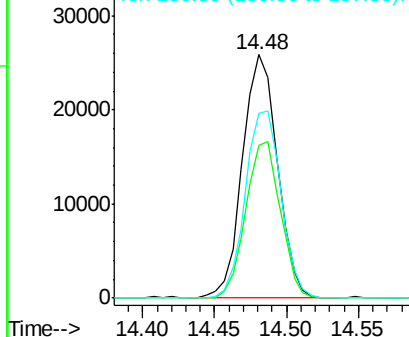


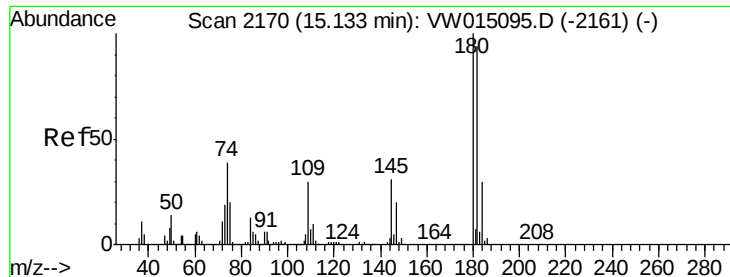
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.46 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 75 Resp: 43042
 Ion Ratio Lower Upper
 75 100
 155 64.2 32.1 96.3
 157 79.1 39.6 118.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

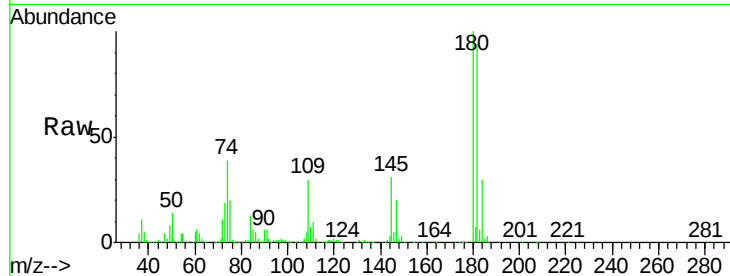




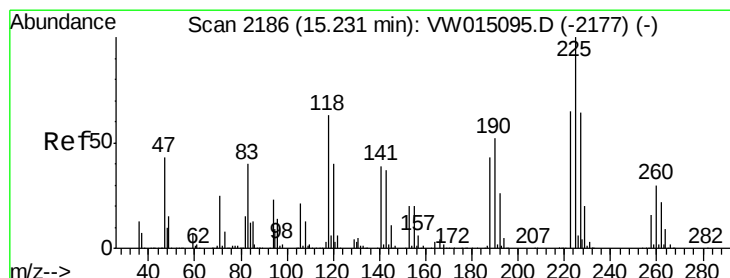
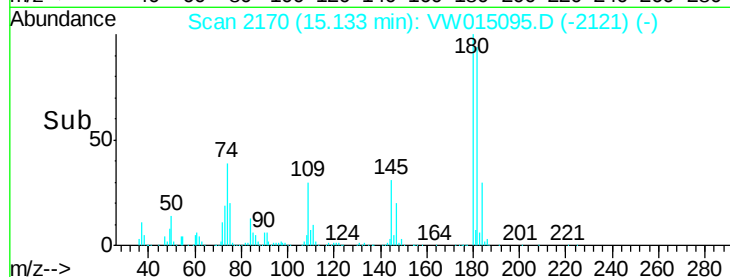
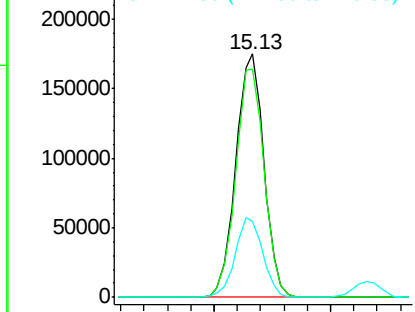
#93
 1,2,4-Trichlorobenzene
 Concen: 55.70 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 294146
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 32.3 16.2 48.5

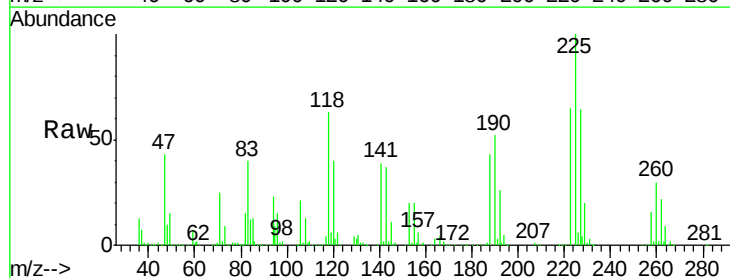


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

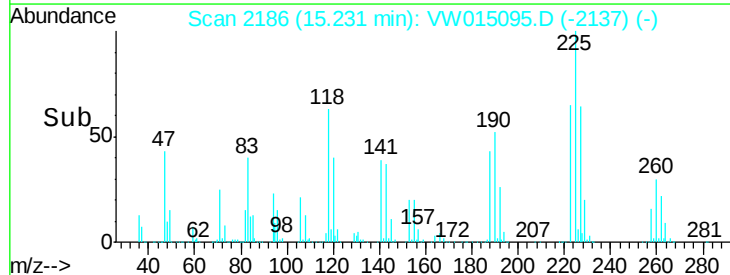
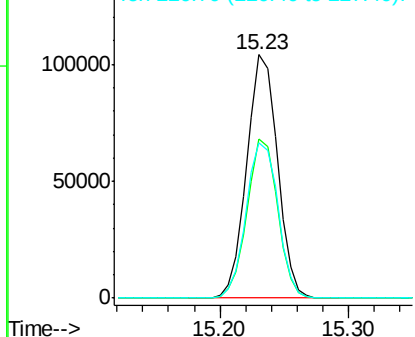


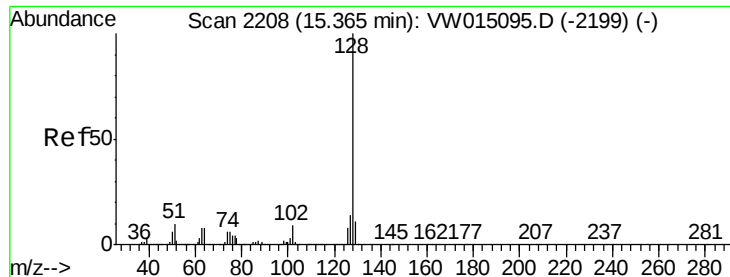
#94
 Hexachlorobutadiene
 Concen: 51.79 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion:225 Resp: 171707
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.5 97.4
 227 66.0 33.0 99.0



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

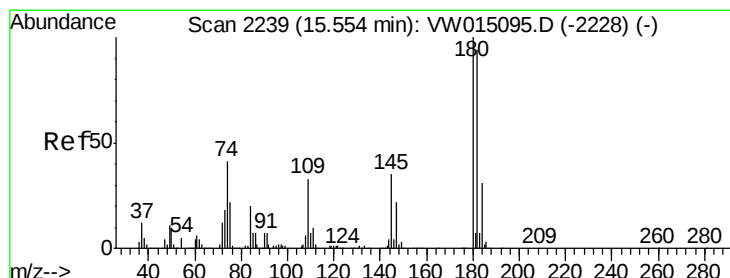
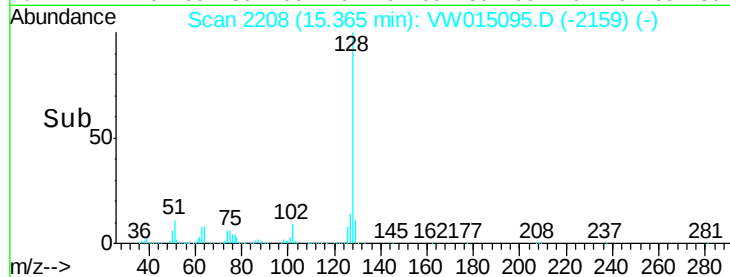
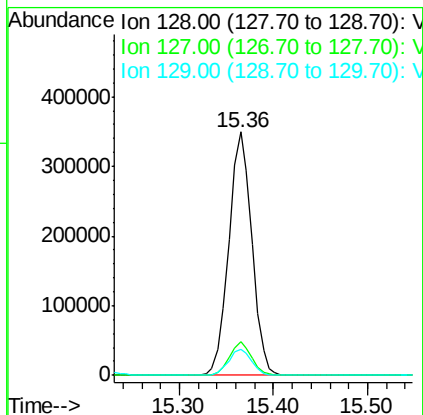
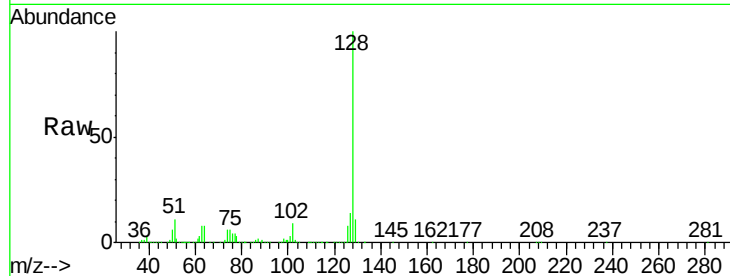




#95
Naphthalene
Concen: 60.26 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 594236
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.61 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion:180 Resp: 255780
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.7
145 35.1 17.5 52.6

