

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015097.D
 Acq On : 09 Mar 2020 12:47
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 09 18:38:43 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	494354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	923897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	837107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	375468	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	991281	136.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	272.74%	
35) Dibromofluoromethane	7.88	113	763619	138.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.10%	
50) Toluene-d8	10.32	98	3289271	142.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.00%	
62) 4-Bromofluorobenzene	12.62	95	1150695	149.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.10%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	490933	163.78	ug/l	99
3) Chloromethane	2.21	50	891504	138.59	ug/l	98
4) Vinyl Chloride	2.36	62	1127277	133.86	ug/l	100
5) Bromomethane	2.75	94	690056	143.35	ug/l	99
6) Chloroethane	2.92	64	687418	140.93	ug/l	96
7) Trichlorofluoromethane	3.25	101	598639	142.05	ug/l	99
8) Diethyl Ether	3.68	74	473217	147.36	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	861698	134.13	ug/l	99
10) Methyl Iodide	4.27	142	1021863	142.98	ug/l	99
11) Tert butyl alcohol	5.17	59	299883	717.86	ug/l	98
12) 1,1-Dichloroethene	4.04	96	908097	144.58	ug/l	95
13) Acrolein	3.89	56	403519	660.47	ug/l	98
14) Allyl chloride	4.66	41	1907233	151.52	ug/l	99
15) Acrylonitrile	5.36	53	1225873	744.75	ug/l	99
16) Acetone	4.11	43	1158517	698.85	ug/l	96
17) Carbon Disulfide	4.38	76	3108677	139.59	ug/l	99
18) Methyl Acetate	4.66	43	564794	143.73	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	1177327	146.42	ug/l	99
20) Methylene Chloride	4.91	84	958928	124.95	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	951681	142.71	ug/l	98
22) Diisopropyl ether	6.31	45	3612761	149.58	ug/l	97
23) Vinyl Acetate	6.25	43	11351952	796.21	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1978236	140.46	ug/l	99
25) 2-Butanone	7.17	43	1732013	762.14	ug/l	98
26) 2,2-Dichloropropane	7.16	77	1040831	129.21	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	1011111	145.63	ug/l	100
28) Bromochloromethane	7.51	49	922122	136.64	ug/l	99
29) Tetrahydrofuran	7.52	42	1126484	792.47	ug/l	100
30) Chloroform	7.67	83	1709109	136.74	ug/l	99
31) Cyclohexane	7.95	56	1997658	137.91	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	1347053	138.03	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1498070	139.82	ug/l	100
37) Ethyl Acetate	7.24	43	778696	145.82	ug/l	99
38) Carbon Tetrachloride	8.07	117	1198885	137.45	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1875027	153.05	ug/l	98
40) Benzene	8.32	78	4070355	136.70	ug/l	100
41) Methacrylonitrile	7.48	41	443224	156.94	ug/l	97
42) 1,2-Dichloroethane	8.40	62	1236841	136.35	ug/l	100
43) Isopropyl Acetate	8.42	43	1469712	153.52	ug/l	99
44) Trichloroethene	9.09	130	886238	139.83	ug/l	98
45) 1,2-Dichloropropane	9.37	63	1115140	139.07	ug/l	99
46) Dibromomethane	9.46	93	480655	137.85	ug/l	99
47) Bromodichloromethane	9.64	83	1312673	141.01	ug/l	100
48) Methyl methacrylate	9.43	41	760722	172.18	ug/l	94
49) 1,4-Dioxane	9.44	88	158638	2971.74	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	3836094	725.47	ug/l	99
52) Toluene	10.38	92	2449099	143.18	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	1415861	154.61	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	1676894	150.31	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	662200	138.61	ug/l	99
56) Ethyl methacrylate	10.64	69	1044033	169.36	ug/l	97
57) 1,3-Dichloropropane	10.93	76	1314082	144.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	2768448	765.39	ug/l	100
59) 2-Hexanone	10.96	43	2685157	812.98	ug/l	99
60) Dibromochloromethane	11.12	129	717796	145.47	ug/l	98
61) 1,2-Dibromoethane	11.23	107	612512	144.61	ug/l	99
64) Tetrachloroethene	10.86	164	662165	137.07	ug/l	96
65) Chlorobenzene	11.65	112	2347334	139.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	801484	143.25	ug/l	100
67) Ethyl Benzene	11.73	91	4864527	148.78	ug/l	98
68) m/p-Xylenes	11.84	106	3450761	298.54	ug/l	96
69) o-Xylene	12.16	106	1625993	156.16	ug/l	99
70) Styrene	12.18	104	2798250	156.85	ug/l	100
71) Bromoform	12.35	173	373131	150.27	ug/l #	99
73) Isopropylbenzene	12.46	105	4472287	155.93	ug/l	99
74) N-amyl acetate	12.27	43	1468826	173.29	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	835496	143.46	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	1149675	165.22	ug/l #	100
77) Bromobenzene	12.74	156	825608	145.64	ug/l	96
78) n-propylbenzene	12.80	91	5697825	152.86	ug/l	99
79) 2-Chlorotoluene	12.89	91	3172091	151.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	3782369	153.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	302704	161.12	ug/l	97
82) 4-Chlorotoluene	12.99	91	3324313	148.95	ug/l	100
83) tert-Butylbenzene	13.20	119	3175002	158.92	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	3800572	154.13	ug/l	99
85) sec-Butylbenzene	13.38	105	4677737	154.71	ug/l	100
86) p-Isopropyltoluene	13.49	119	4085628	157.20	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	1730097	144.04	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1687233	142.66	ug/l	99
89) n-Butylbenzene	13.82	91	4418188	157.63	ug/l	99
90) Hexachloroethane	14.09	117	782575	150.14	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1524887	144.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	140956	150.72	ug/l	98

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

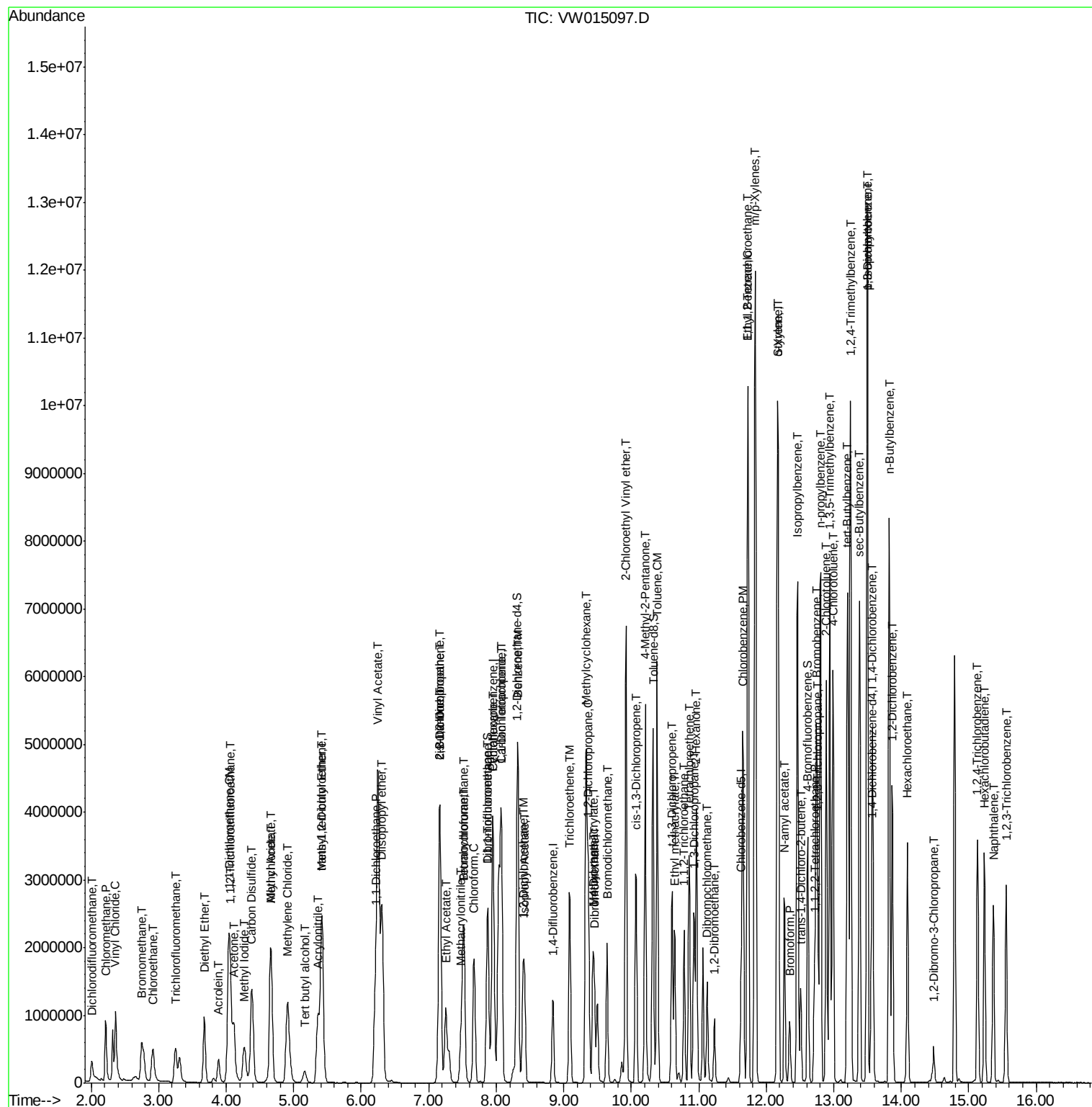
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	979242	162.67	ug/l	100
94) Hexachlorobutadiene	15.23	225	537527	142.22	ug/l	97
95) Naphthalene	15.36	128	2038432	181.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	849380	159.08	ug/l	99

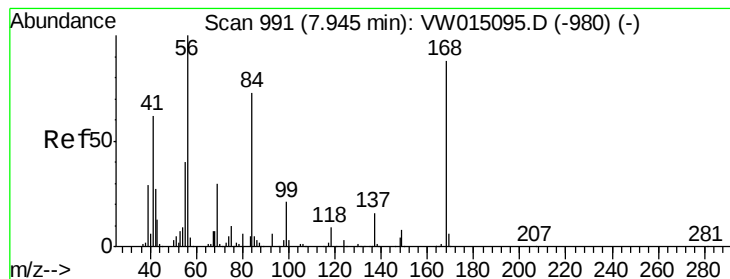
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
Data File : VW015097.D
Acq On : 09 Mar 2020 12:47
Operator : SY/VA
Sample : VSTDIC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Quant Time: Mar 09 18:38:43 2020
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

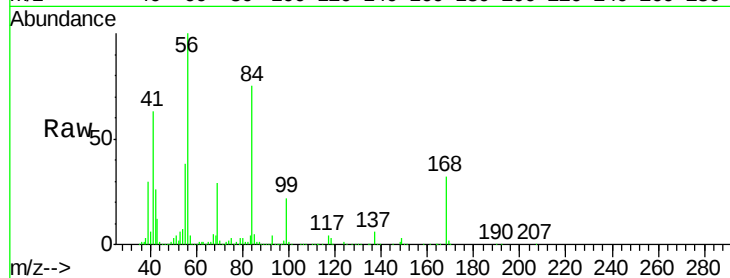
VSTDIC150

Tgt Ion:168 Resp: 494354

Ion Ratio Lower Upper

168 100

99 69.9 57.2 85.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

400000

300000

200000

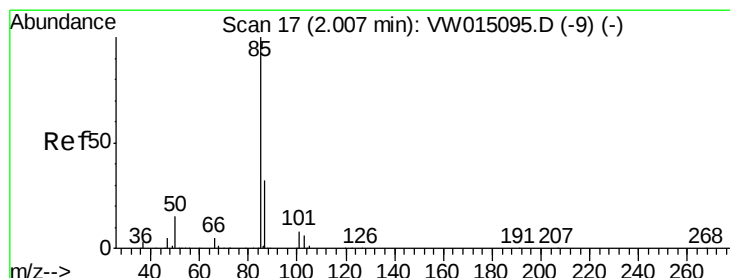
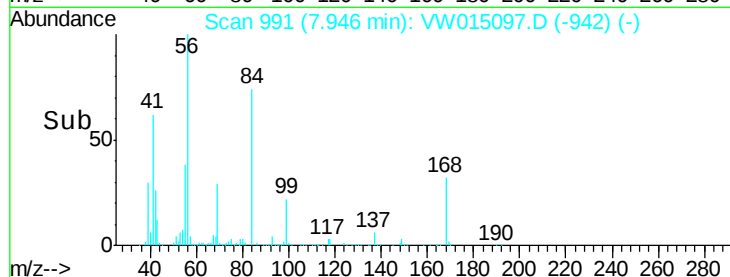
100000

0

7.95

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 163.78 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015097.D

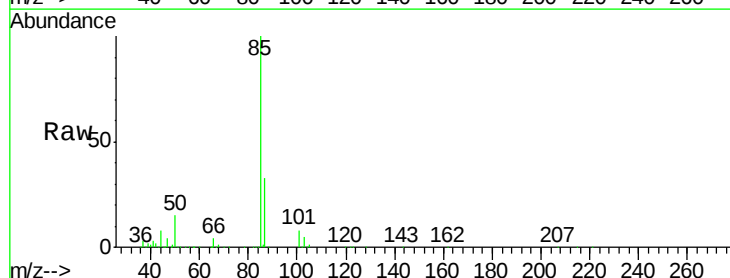
Acq: 09 Mar 2020 12:47

Tgt Ion: 85 Resp: 490933

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

200000

150000

100000

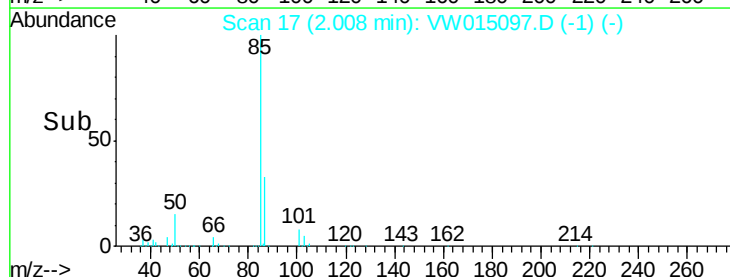
50000

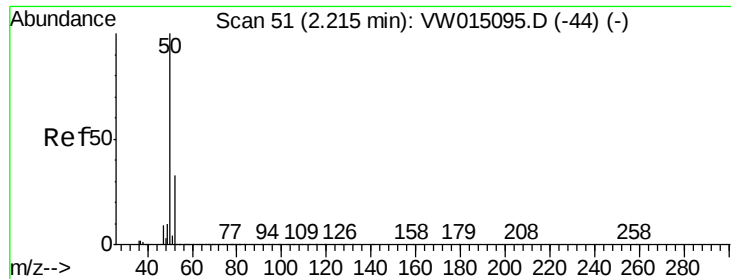
0

2.01

2.20

Time-->





#3

Chloromethane

Concen: 138.59 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

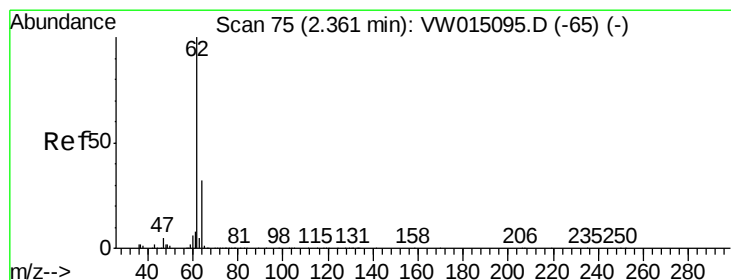
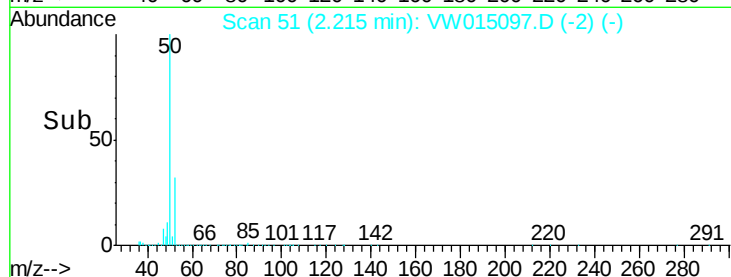
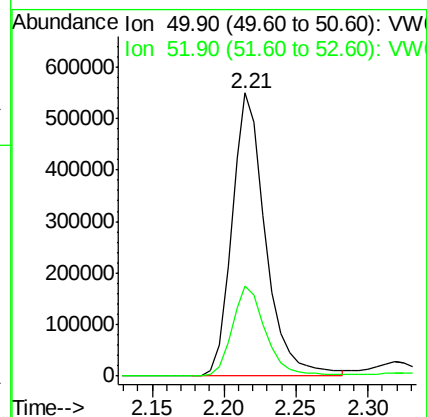
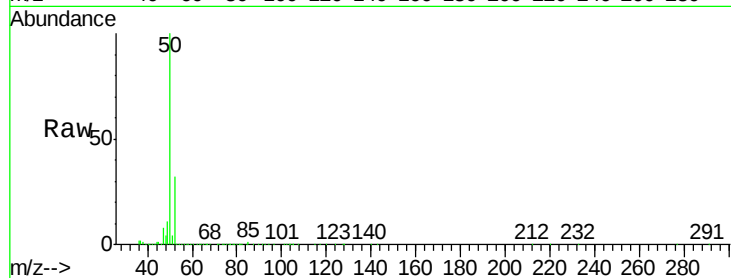
VSTDIC150

Tgt Ion: 50 Resp: 891504

Ion Ratio Lower Upper

50 100

52 31.9 26.6 40.0



#4

Vinyl Chloride

Concen: 133.86 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015097.D

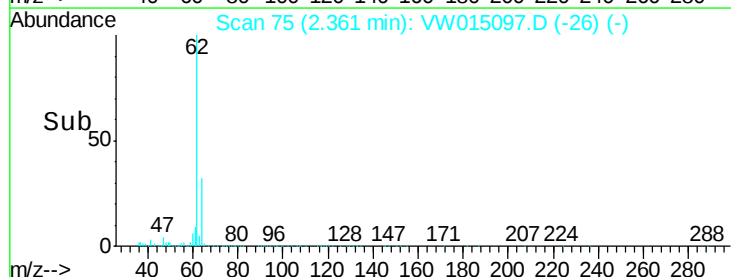
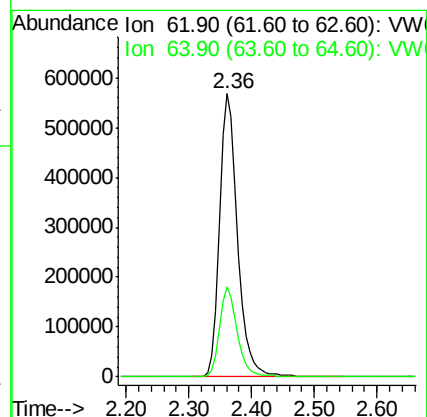
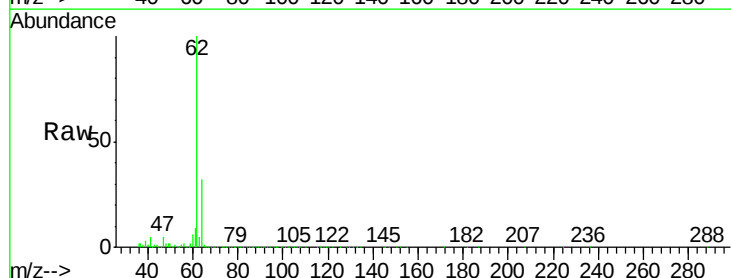
Acq: 09 Mar 2020 12:47

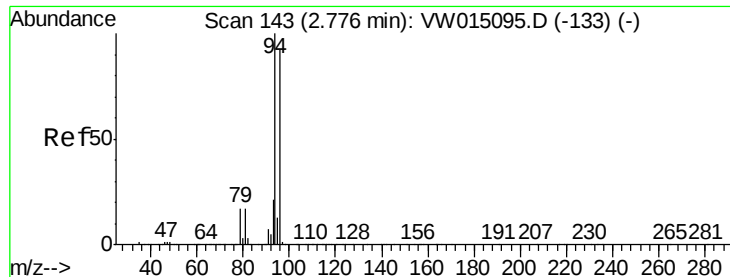
Tgt Ion: 62 Resp: 1127277

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 143.35 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

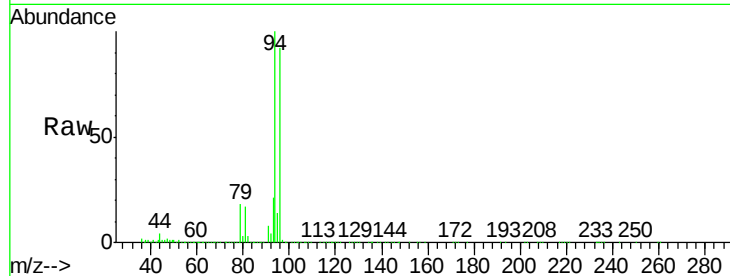
VSTDIC150

Tgt Ion: 94 Resp: 690056

Ion Ratio Lower Upper

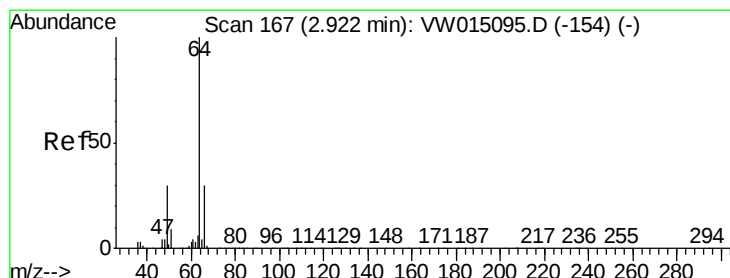
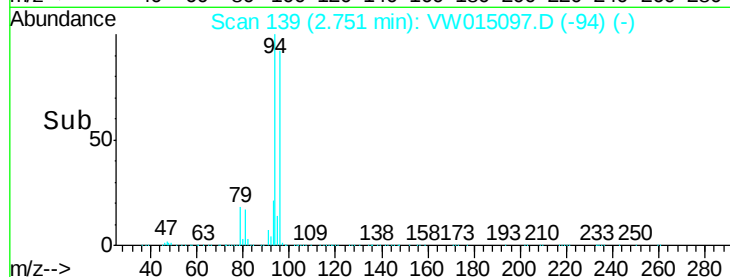
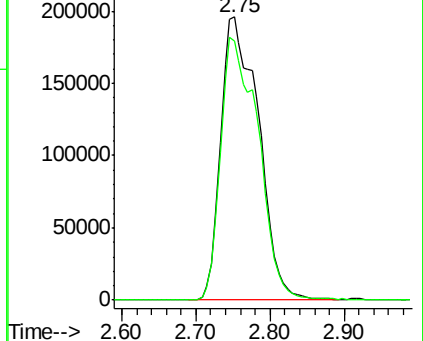
94 100

96 91.7 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 140.93 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015097.D

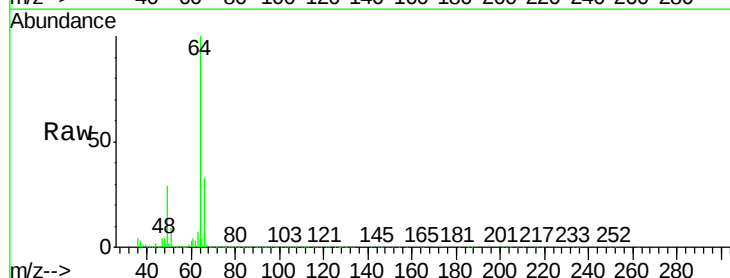
Acq: 09 Mar 2020 12:47

Tgt Ion: 64 Resp: 687418

Ion Ratio Lower Upper

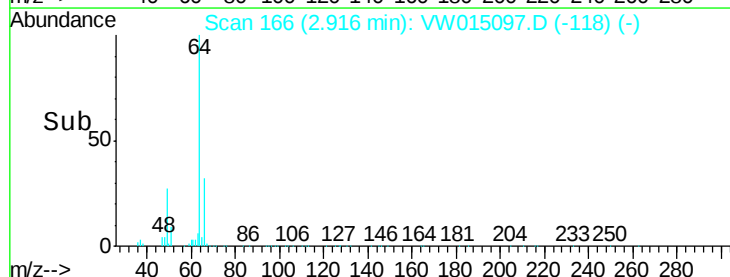
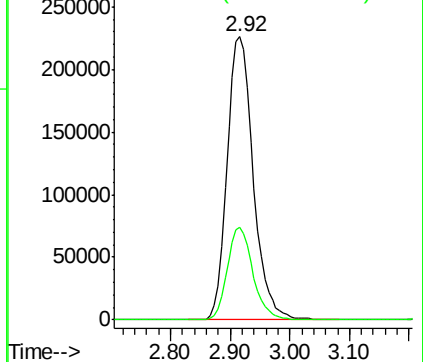
64 100

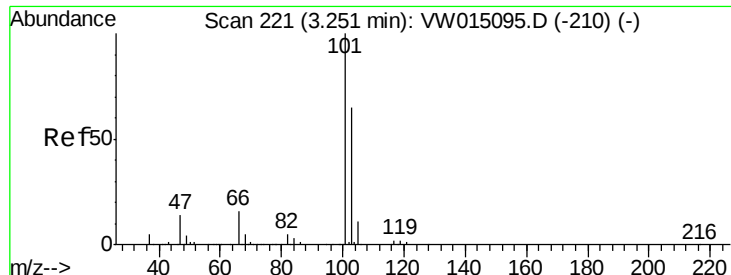
66 32.5 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



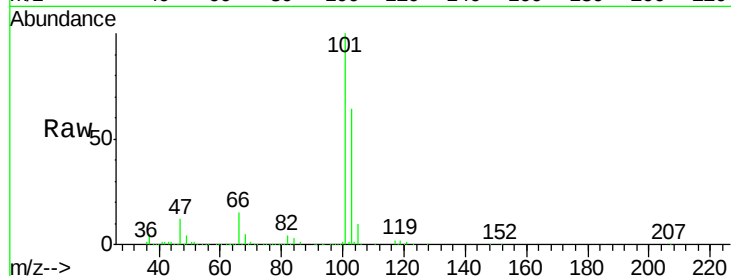


#7

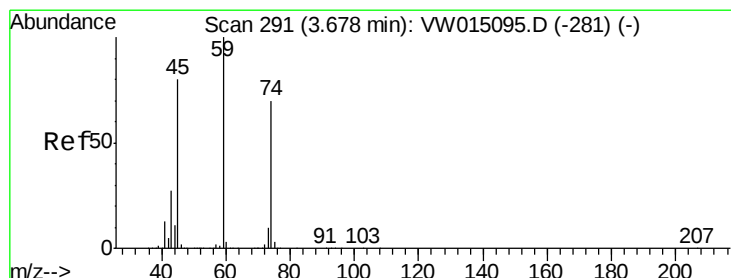
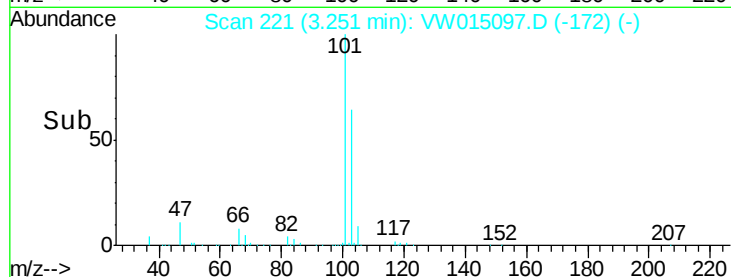
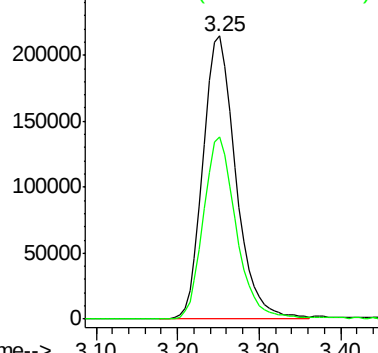
Trichlorofluoromethane
 Concen: 142.05 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Instrument :
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Tgt Ion:101 Resp: 598639
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6



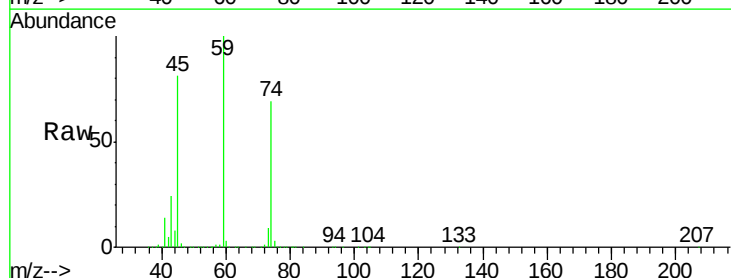
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



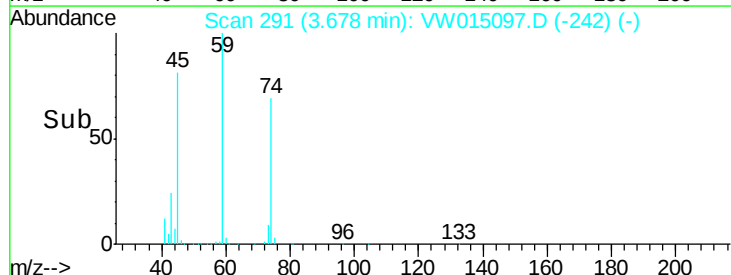
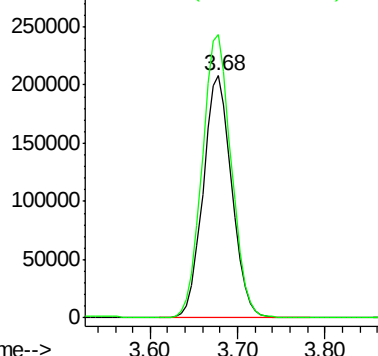
#8

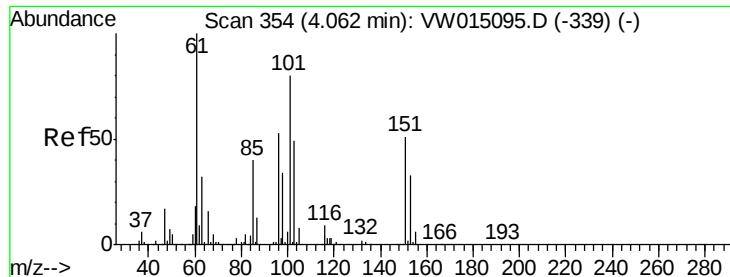
Diethyl Ether
 Concen: 147.36 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW015097.D
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Tgt Ion: 74 Resp: 473217
 Ion Ratio Lower Upper
 74 100
 45 118.7 59.2 177.5



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 134.13 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

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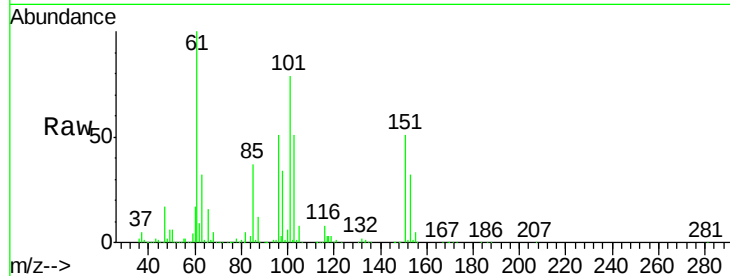
Tgt Ion:101 Resp: 861698

Ion Ratio Lower Upper

101 100

85 47.6 39.0 58.4

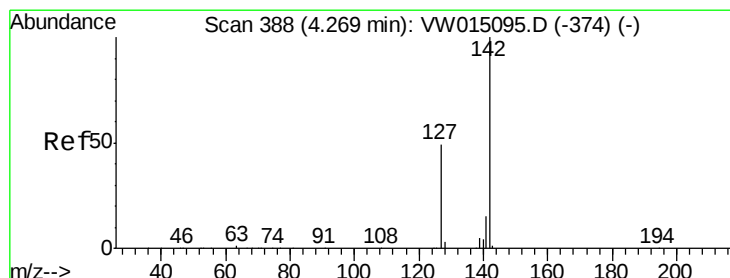
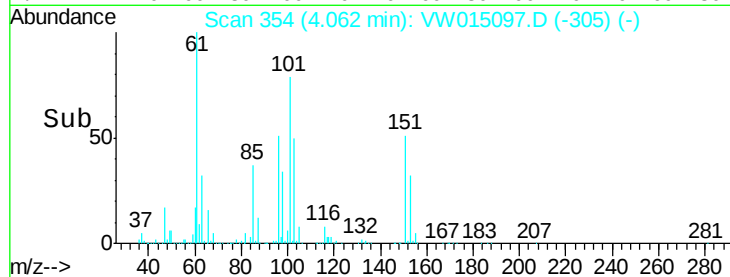
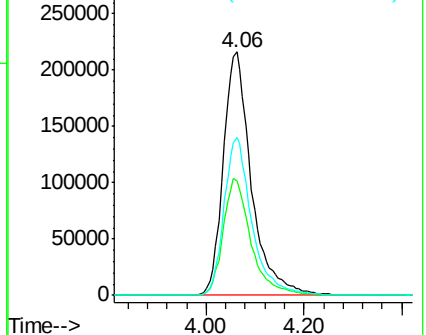
151 64.2 50.8 76.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 142.98 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

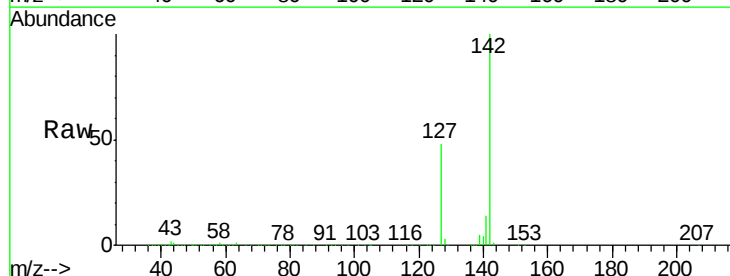
Tgt Ion:142 Resp: 1021863

Ion Ratio Lower Upper

142 100

127 47.4 38.2 57.4

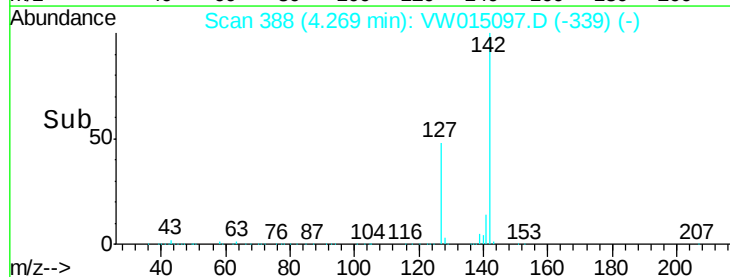
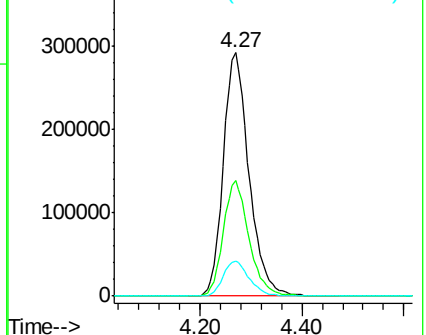
141 14.7 12.0 18.0

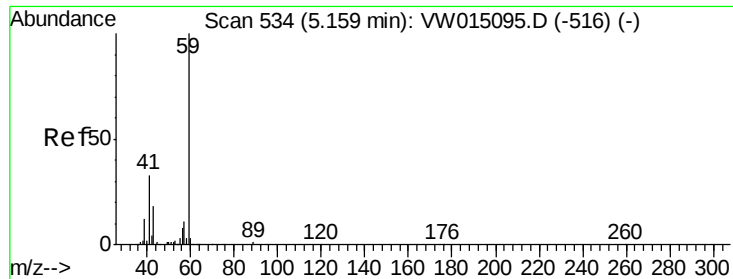


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



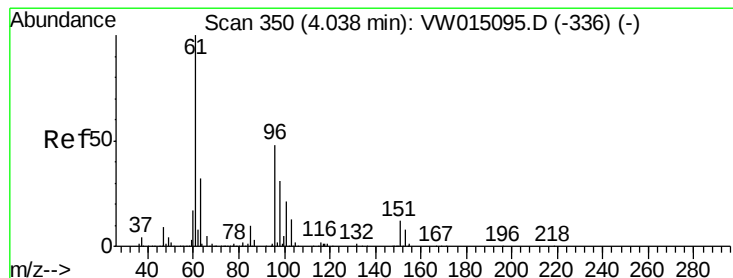
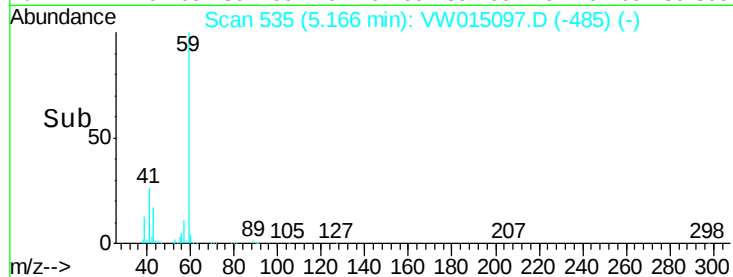
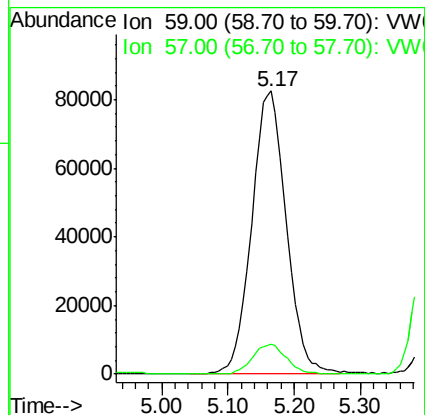
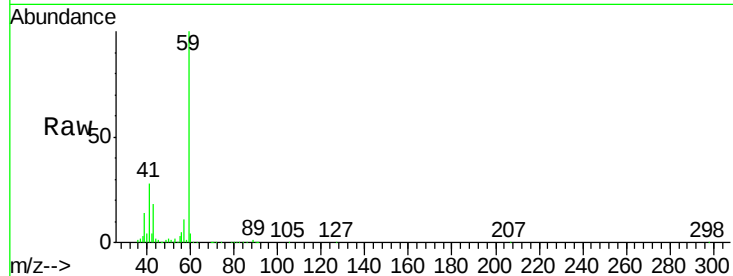


#11

Tert butyl alcohol
 Concen: 717.86 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

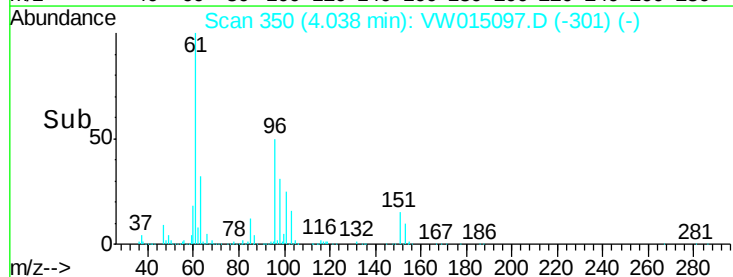
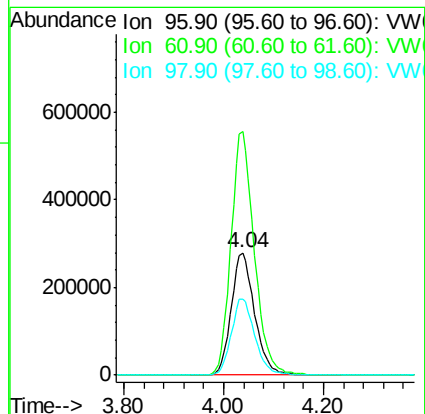
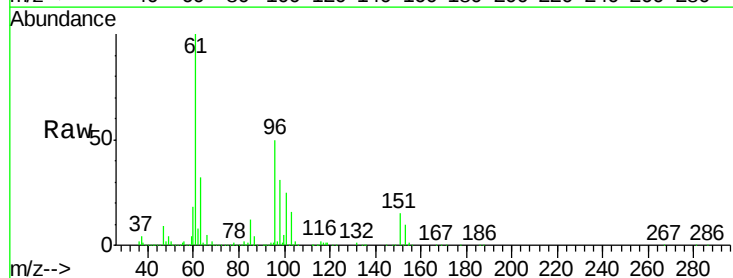
Tgt Ion: 59 Resp: 299883
 Ion Ratio Lower Upper
 59 100
 57 10.5 9.1 13.7

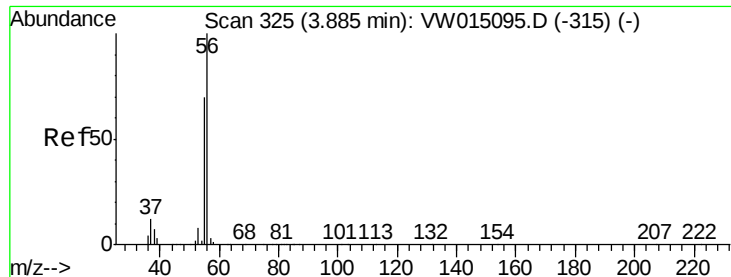


#12

1,1-Dichloroethene
 Concen: 144.58 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Tgt Ion: 96 Resp: 908097
 Ion Ratio Lower Upper
 96 100
 61 198.6 165.5 248.3
 98 61.7 51.1 76.7





#13

Acrolein

Concen: 660.47 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

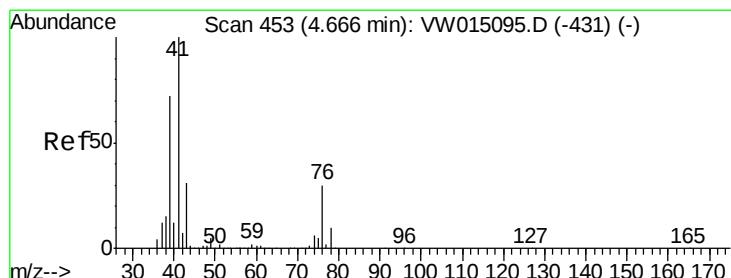
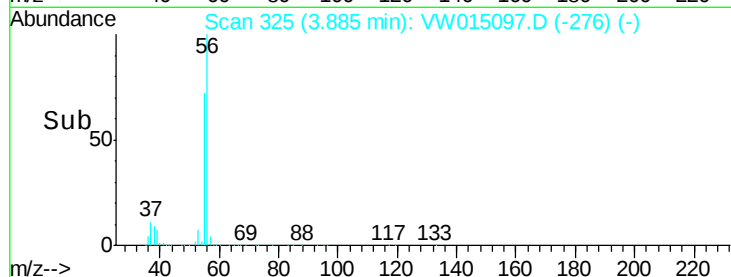
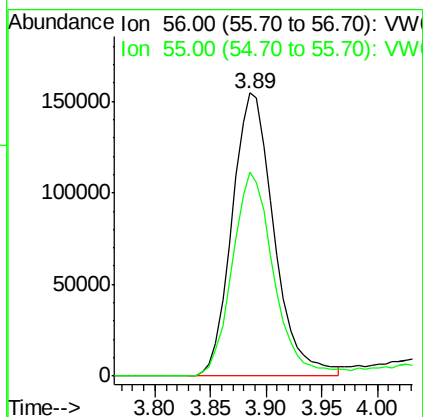
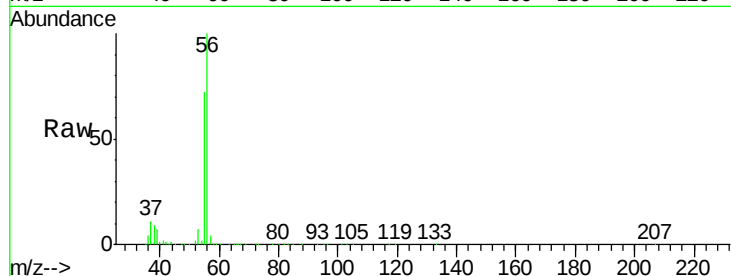
VSTDIC150

Tgt Ion: 56 Resp: 403519

Ion Ratio Lower Upper

56 100

55 71.0 55.4 83.2



#14

Allyl chloride

Concen: 151.52 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

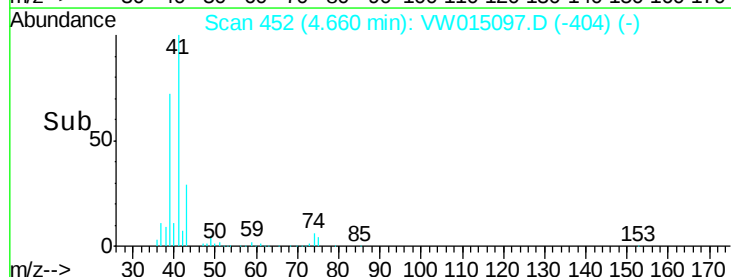
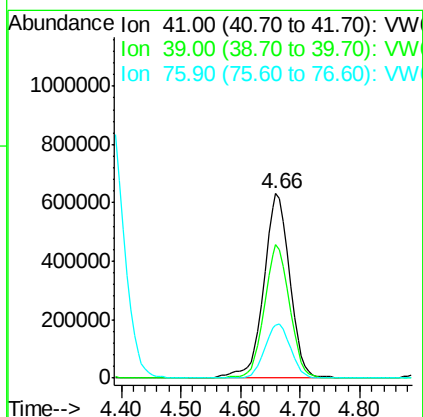
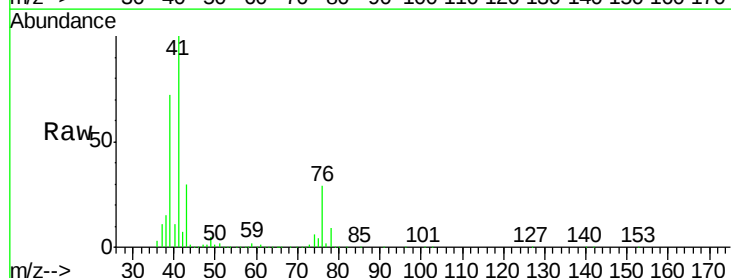
Tgt Ion: 41 Resp: 1907233

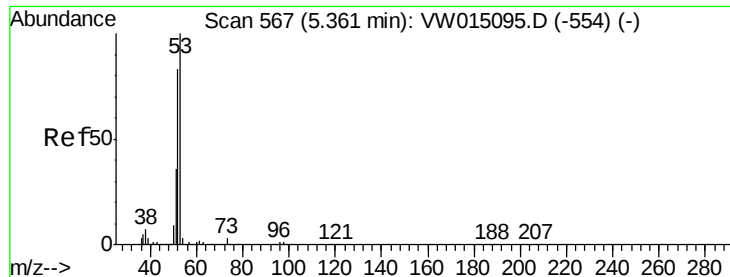
Ion Ratio Lower Upper

41 100

39 70.1 56.9 85.3

76 28.9 23.2 34.8





#15

Acrylonitrile

Concen: 744.75 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

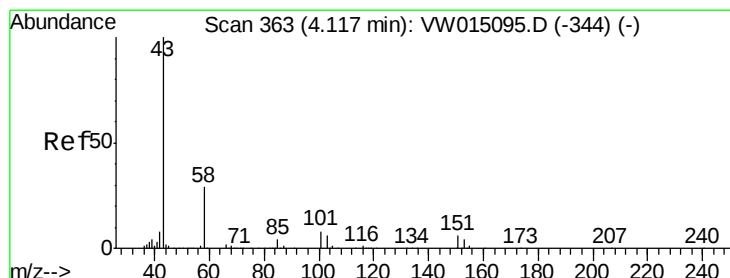
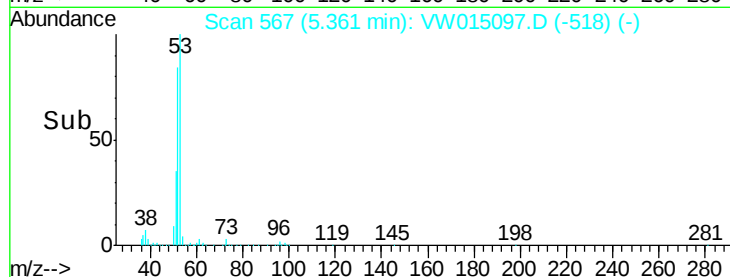
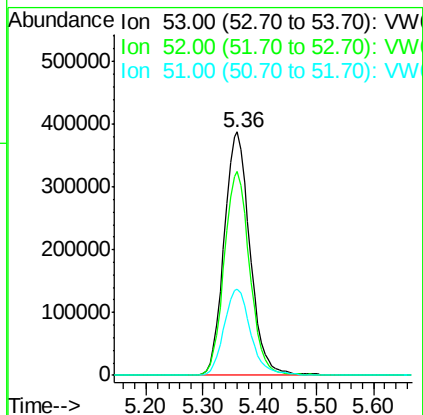
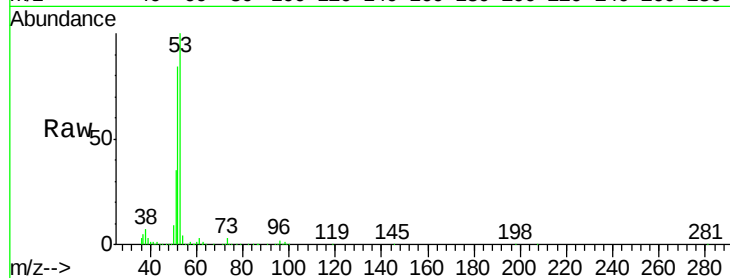
Tgt Ion: 53 Resp: 1225873

Ion Ratio Lower Upper

53 100

52 82.6 67.2 100.8

51 36.7 29.8 44.6



#16

Acetone

Concen: 698.85 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW015097.D

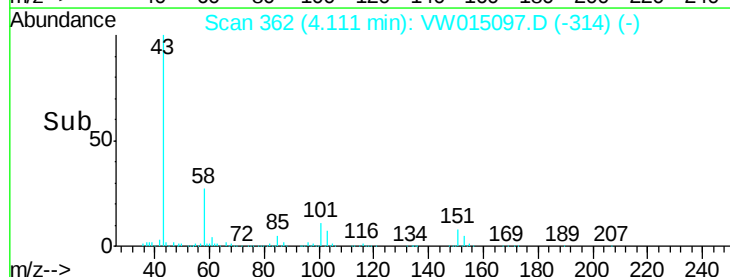
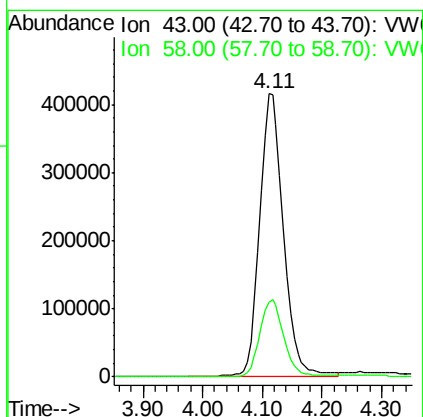
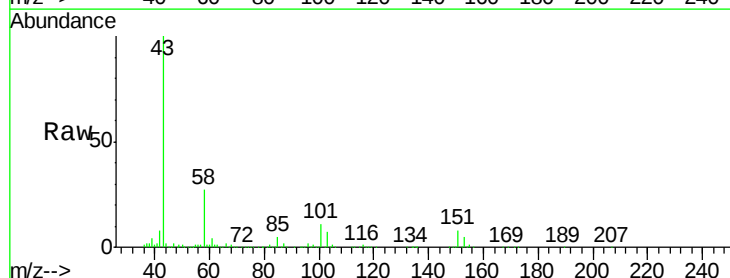
Acq: 09 Mar 2020 12:47

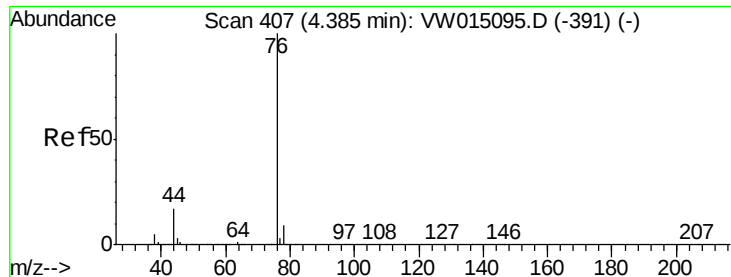
Tgt Ion: 43 Resp: 1158517

Ion Ratio Lower Upper

43 100

58 26.5 22.9 34.3

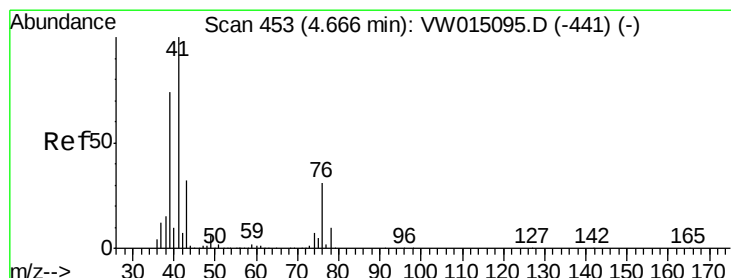
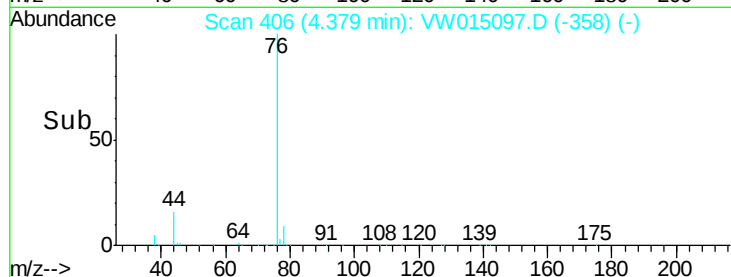
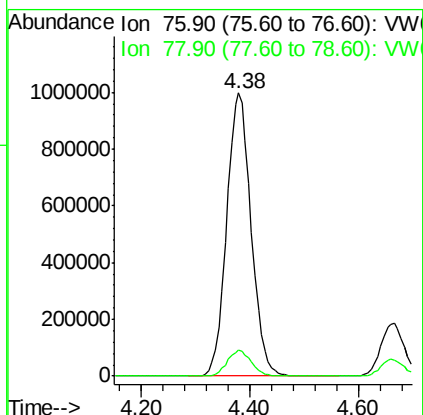
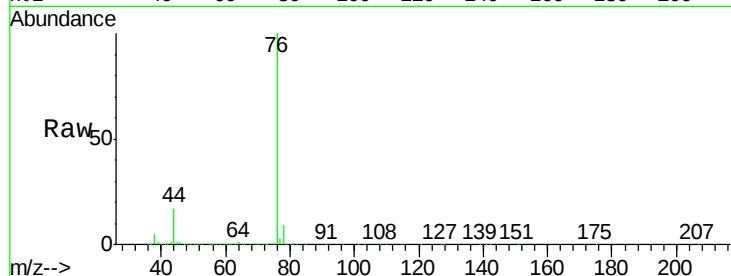




#17
Carbon Disulfide
Concen: 139.59 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

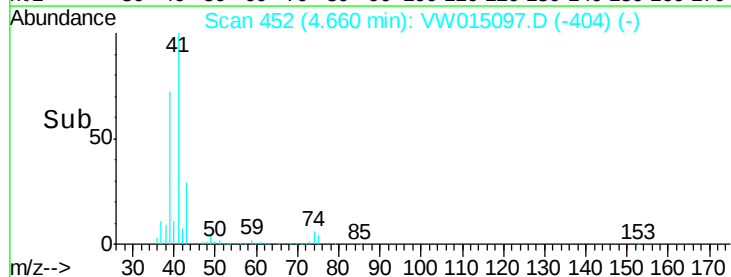
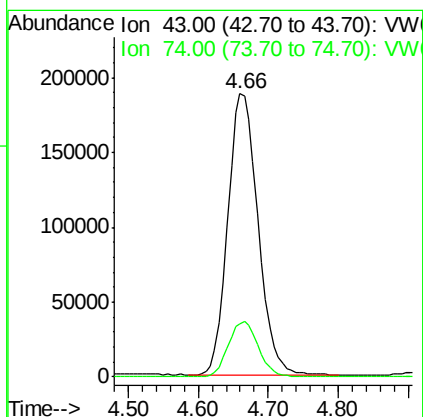
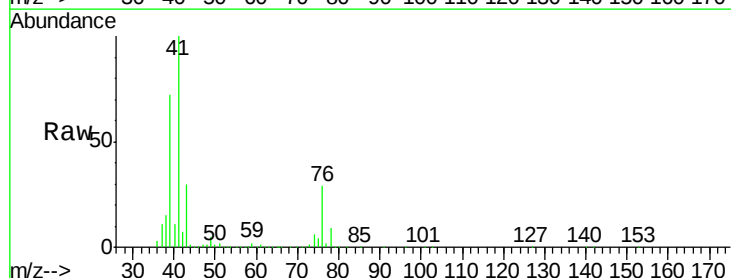
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

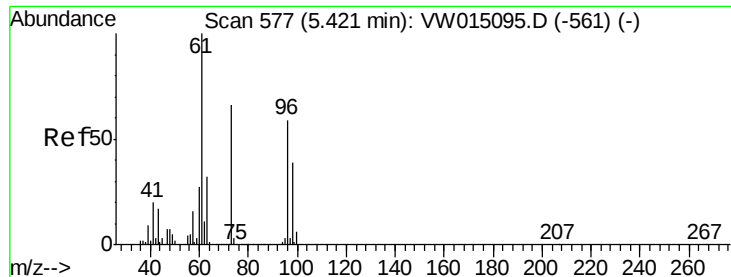
Tgt Ion: 76 Resp: 3108677
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 143.73 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion: 43 Resp: 564794
Ion Ratio Lower Upper
43 100
74 19.8 15.8 23.6

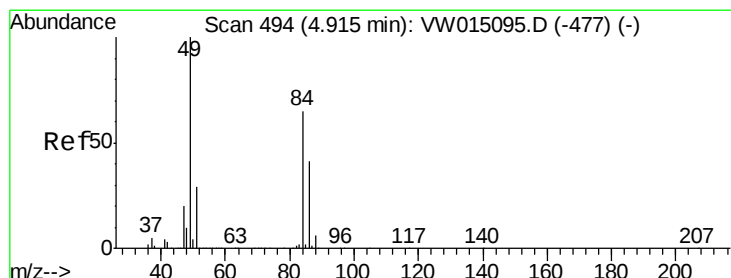
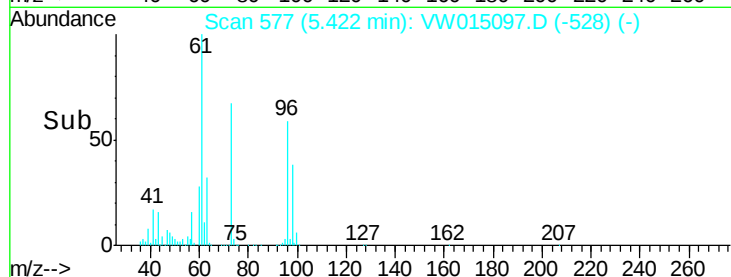
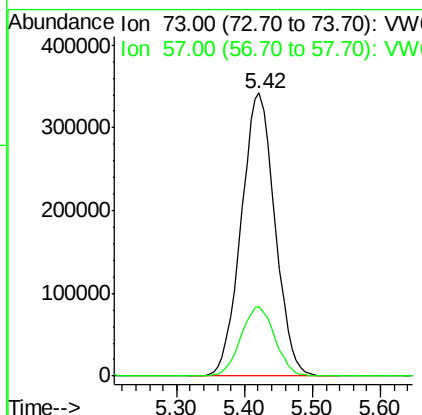
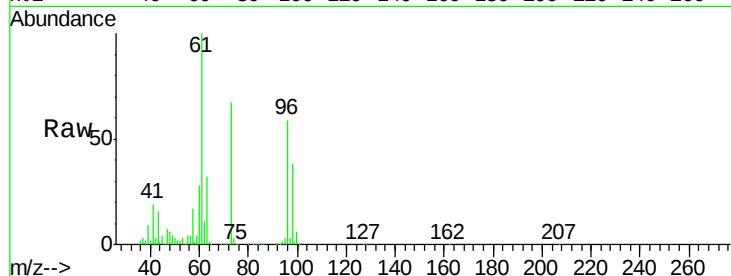




#19
Methyl tert-butyl Ether
Concen: 146.42 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

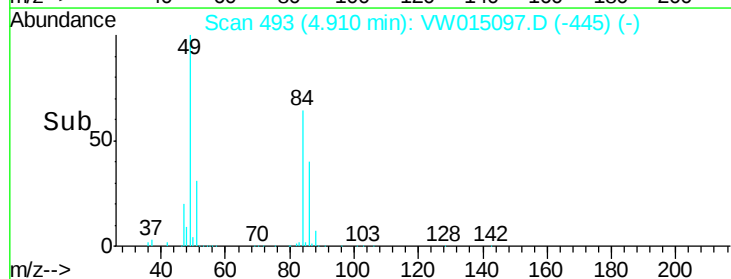
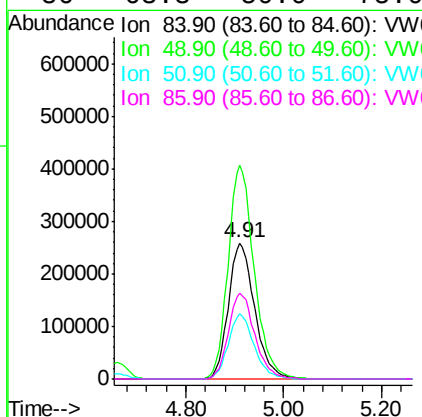
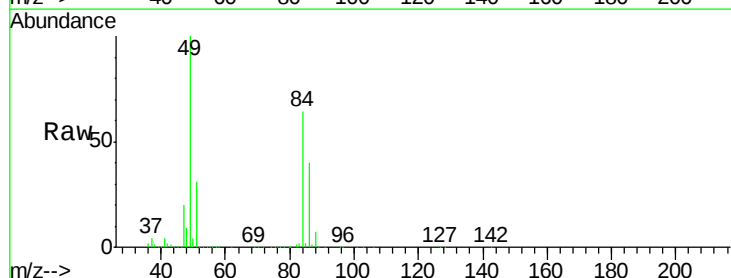
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

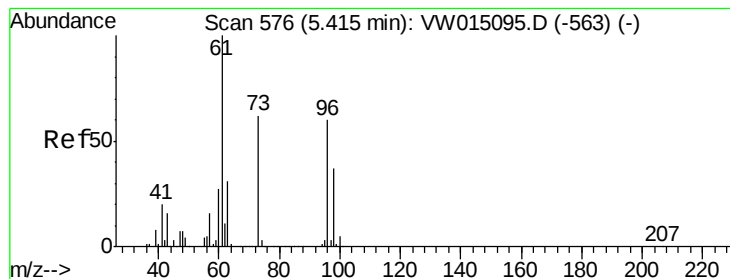
Tgt Ion: 73 Resp: 1177327
Ion Ratio Lower Upper
73 100
57 24.8 19.3 28.9



#20
Methylene Chloride
Concen: 124.95 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion: 84 Resp: 958928
Ion Ratio Lower Upper
84 100
49 156.9 122.8 184.2
51 48.1 35.9 53.9
86 63.3 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 142.71 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

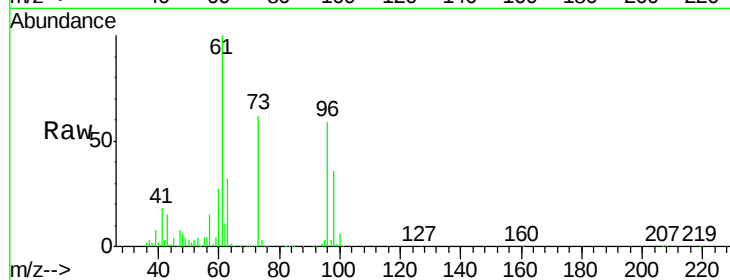
Tgt Ion: 96 Resp: 951681

Ion Ratio Lower Upper

96 100

61 169.8 132.5 198.7

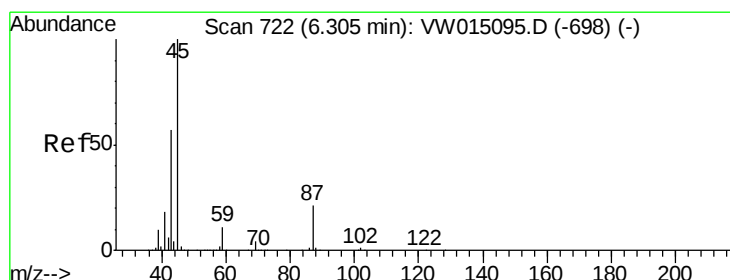
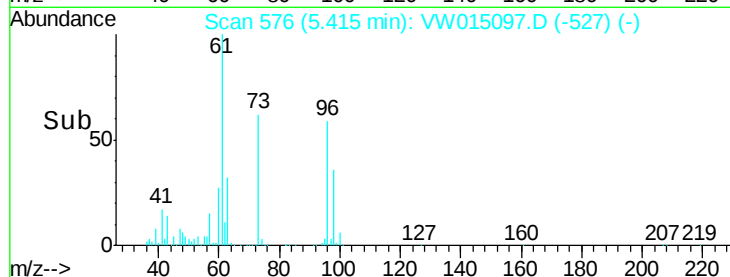
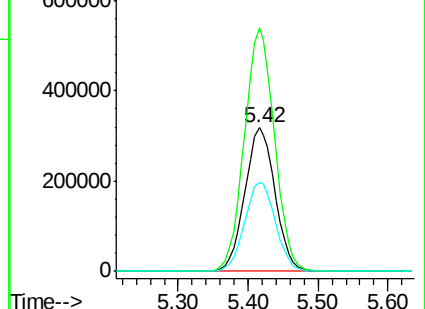
98 61.6 48.9 73.3



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 149.58 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Tgt Ion: 45 Resp: 3612761

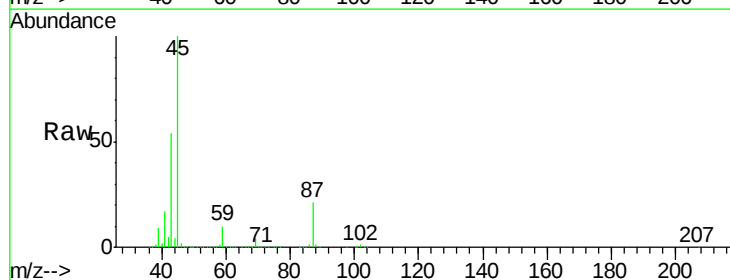
Ion Ratio Lower Upper

45 100

43 53.6 45.4 68.0

87 20.6 16.4 24.6

59 10.3 8.4 12.6

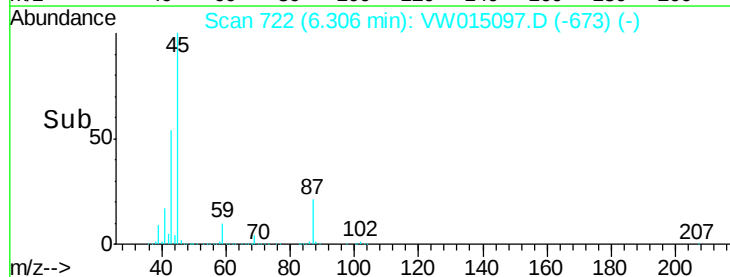
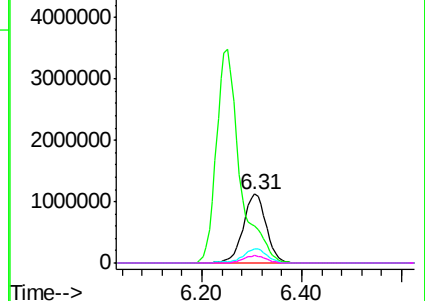


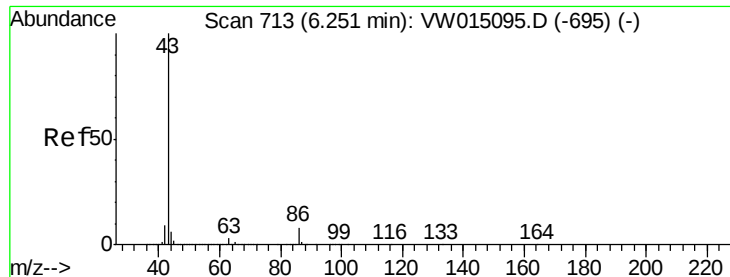
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 796.21 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

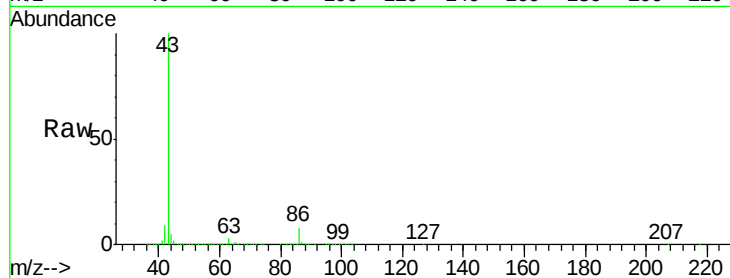
VSTDIC150

Tgt Ion: 43 Resp:11351952

Ion Ratio Lower Upper

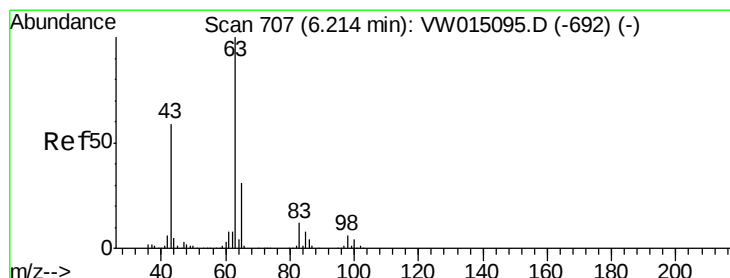
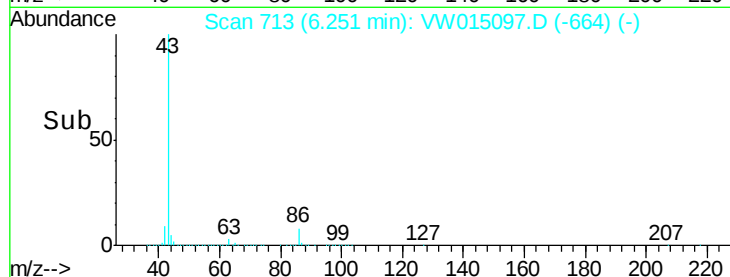
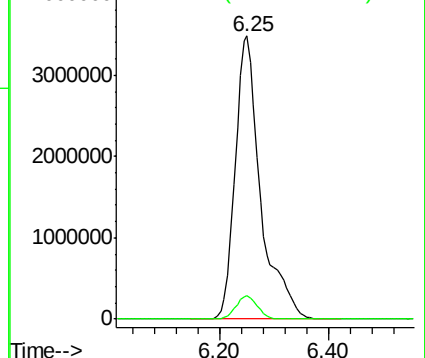
43 100

86 8.3 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 140.46 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

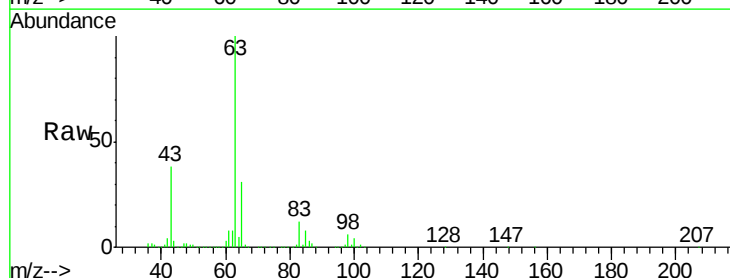
Tgt Ion: 63 Resp: 1978236

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

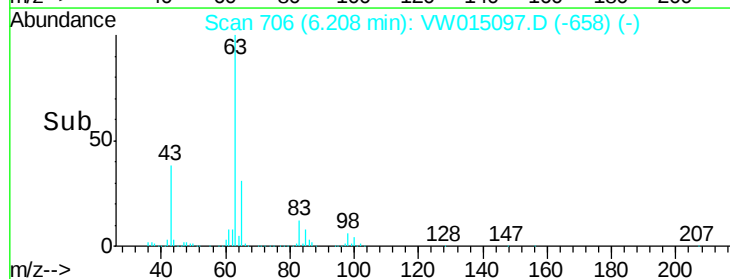
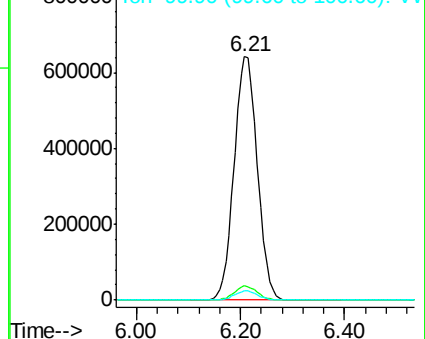
100 3.8 2.1 6.3

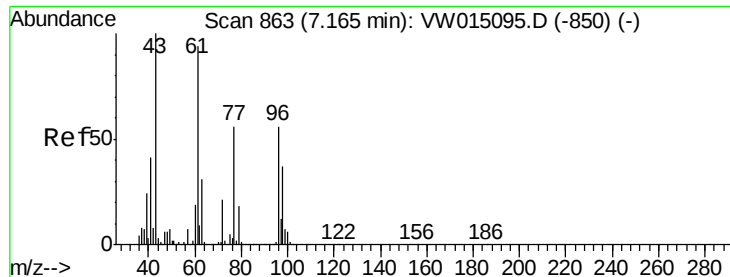


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 762.14 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

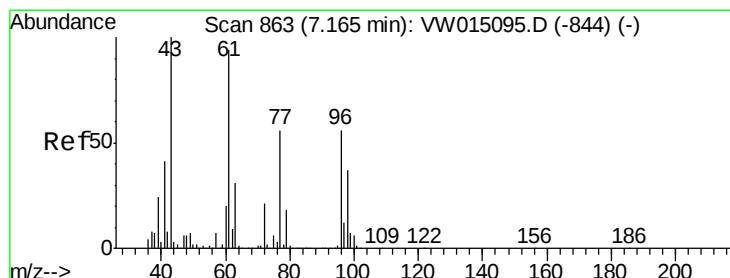
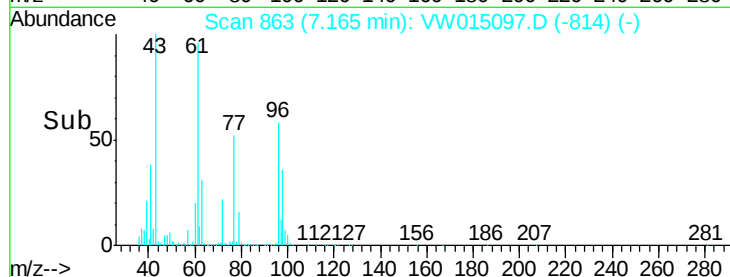
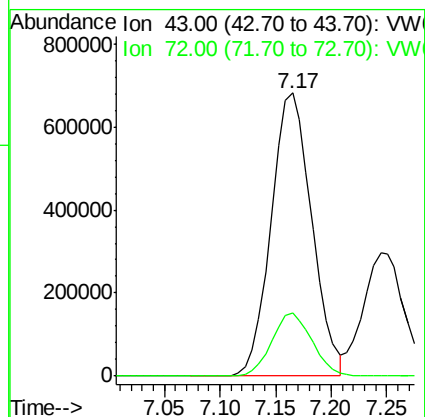
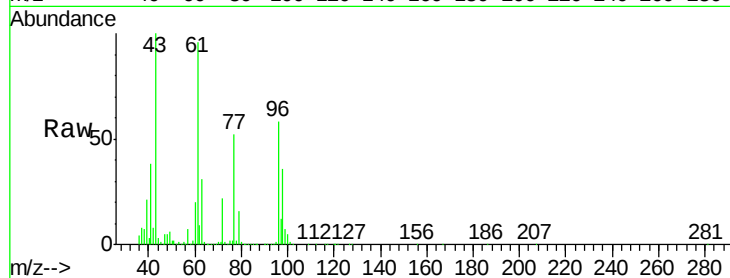
VSTDIC150

Tgt Ion: 43 Resp: 1732013

Ion Ratio Lower Upper

43 100

72 22.4 17.0 25.6



#26

2,2-Dichloropropane

Concen: 129.21 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW015097.D

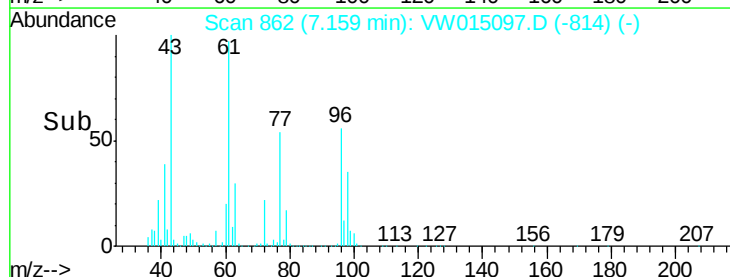
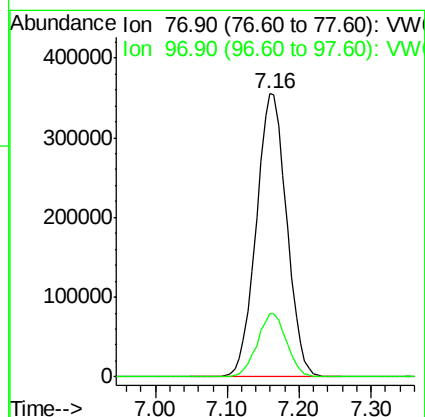
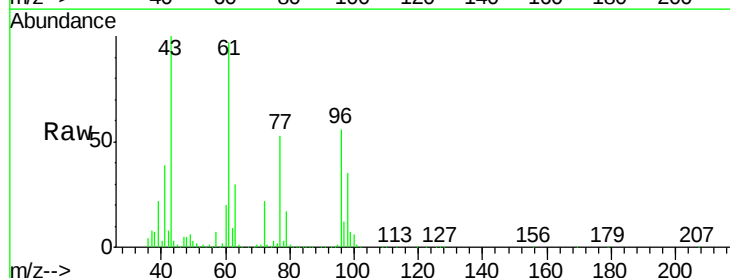
Acq: 09 Mar 2020 12:47

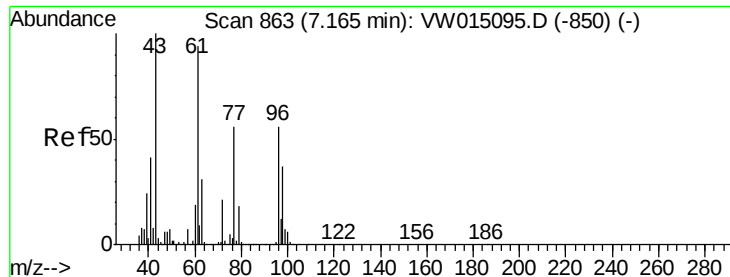
Tgt Ion: 77 Resp: 1040831

Ion Ratio Lower Upper

77 100

97 21.7 10.6 31.8



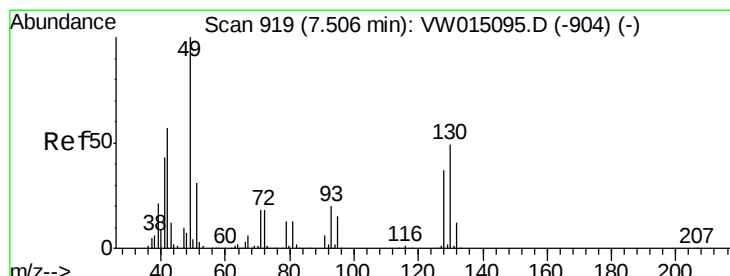
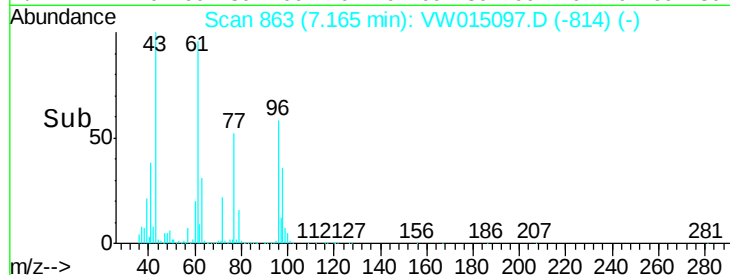
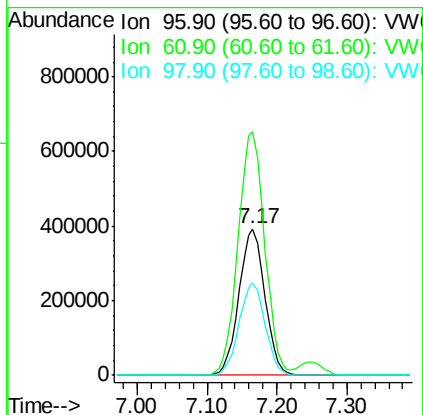
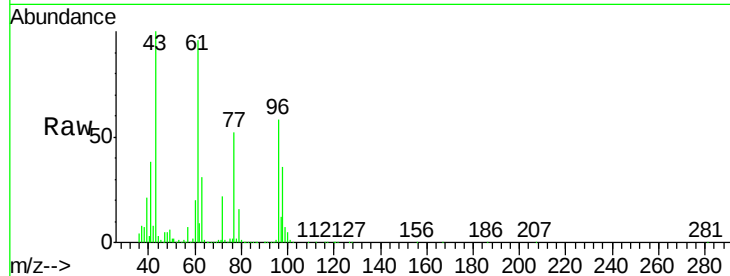


#27

cis-1,2-Dichloroethene
Concen: 145.63 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

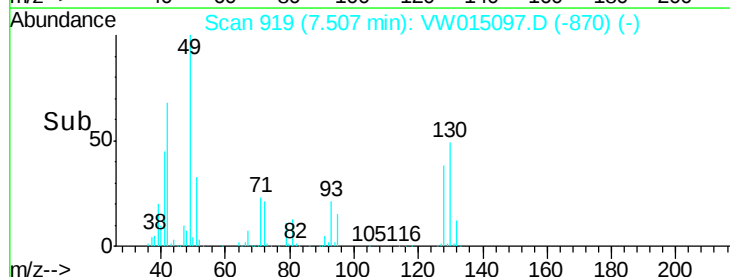
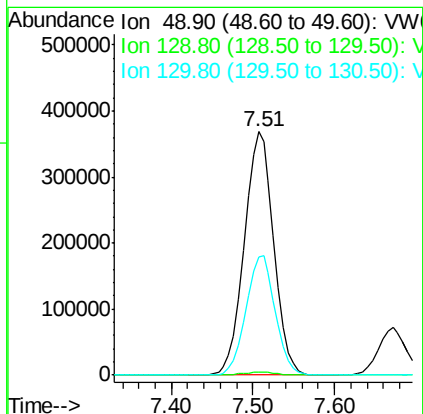
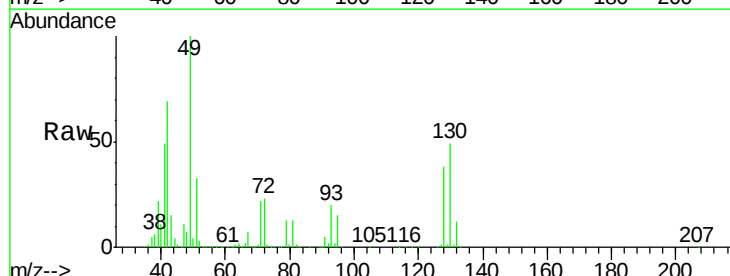
Tgt Ion: 96 Resp: 1011111
Ion Ratio Lower Upper
96 100
61 171.2 0.0 343.4
98 63.5 0.0 127.6

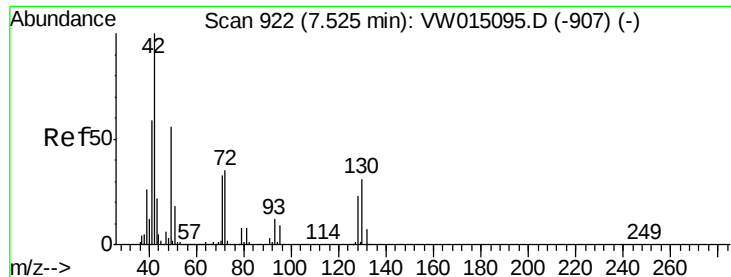


#28

Bromochloromethane
Concen: 136.64 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion: 49 Resp: 922122
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 48.9 39.8 59.6

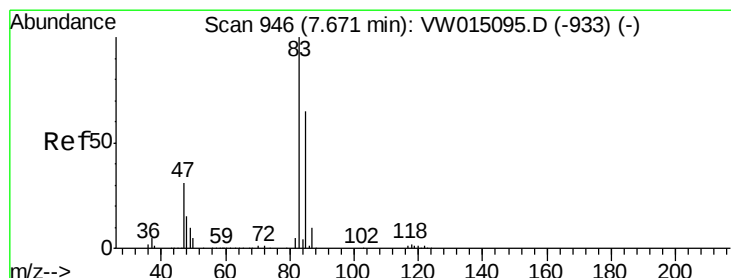
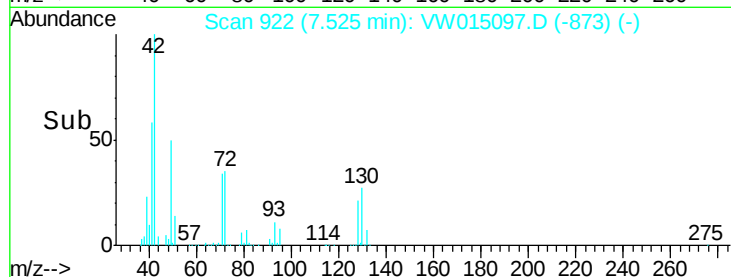
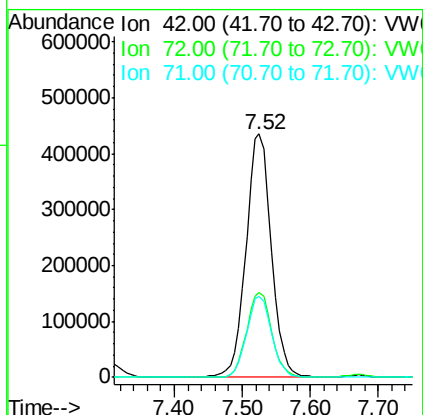
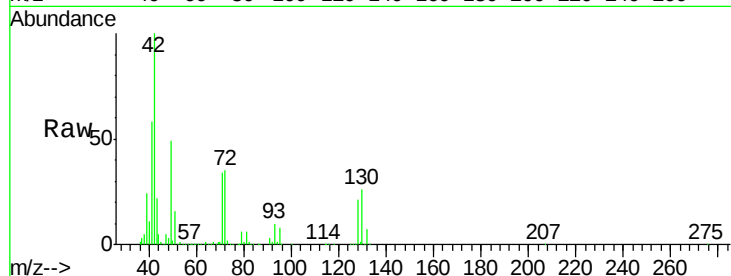




#29
Tetrahydrofuran
Concen: 792.47 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

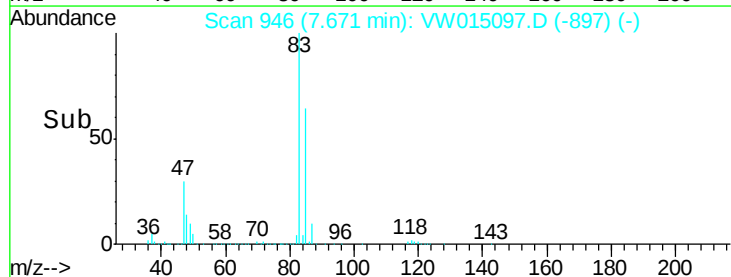
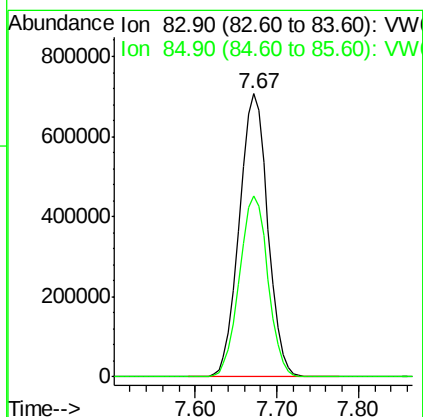
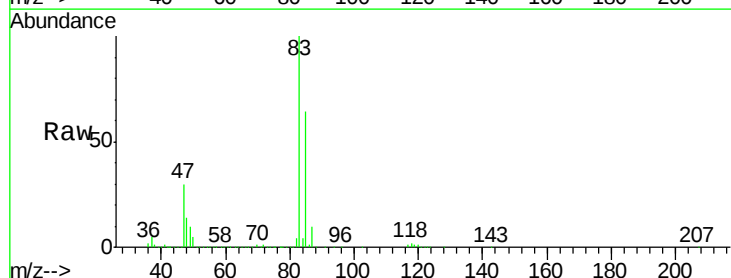
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

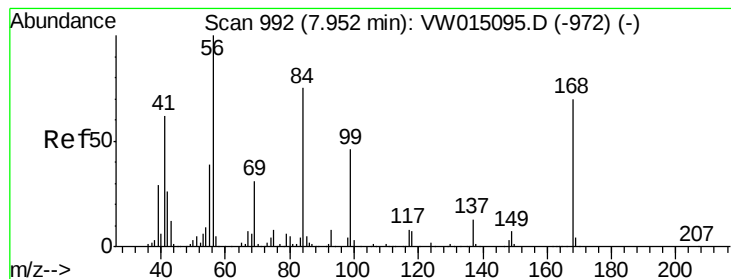
Tgt Ion: 42 Resp: 1126484
Ion Ratio Lower Upper
42 100
72 34.8 27.8 41.6
71 32.9 26.4 39.6



#30
Chloroform
Concen: 136.74 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion: 83 Resp: 1709109
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9





#31

Cyclohexane

Concen: 137.91 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

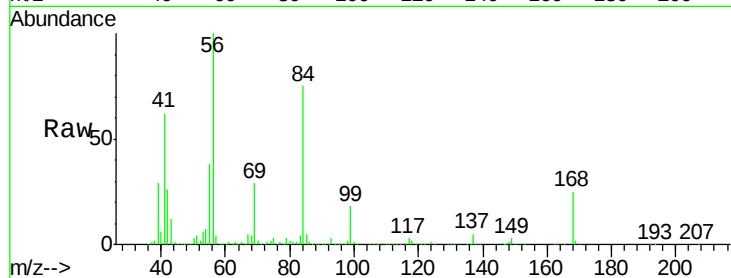
Tgt Ion: 56 Resp: 1997658

Ion Ratio Lower Upper

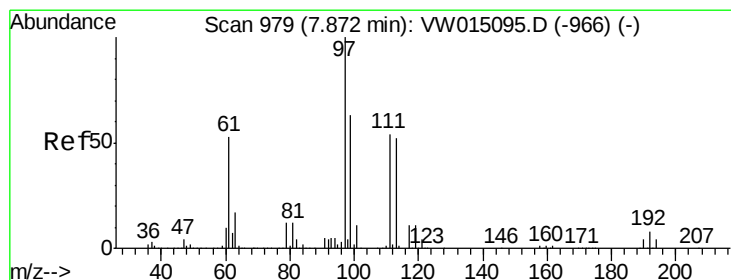
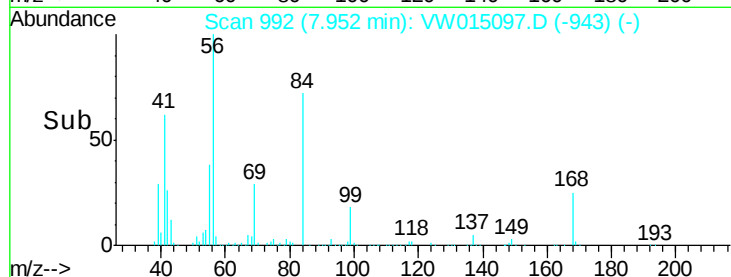
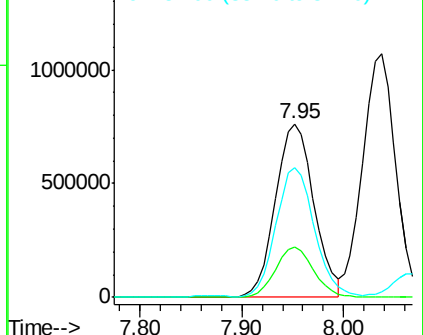
56 100

69 29.1 24.6 37.0

84 74.0 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: 138.03 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

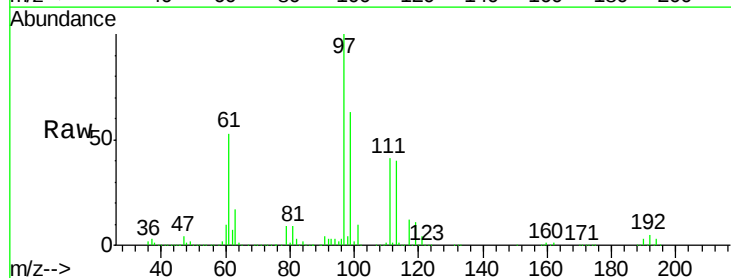
Tgt Ion: 97 Resp: 1347053

Ion Ratio Lower Upper

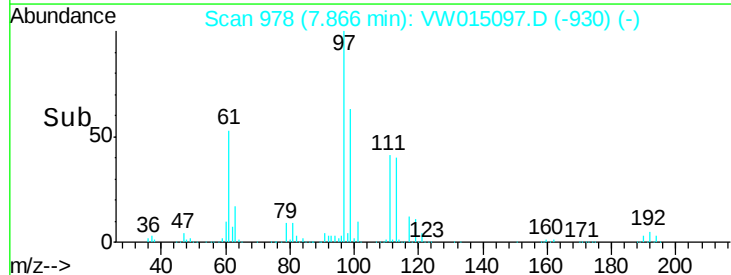
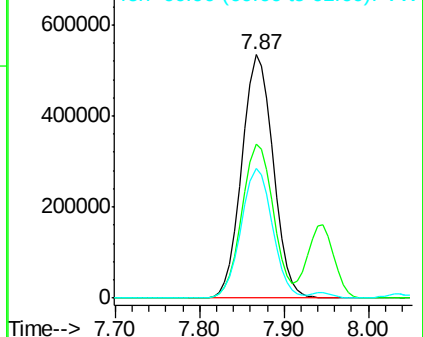
97 100

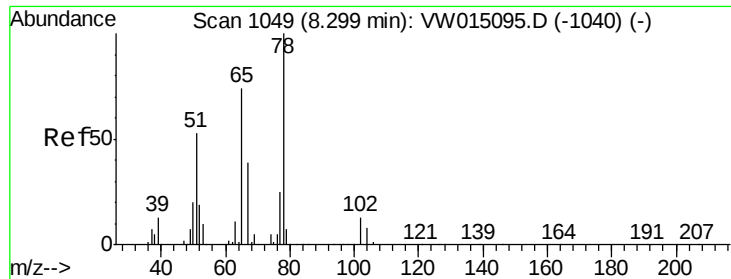
99 63.6 51.3 76.9

61 53.4 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

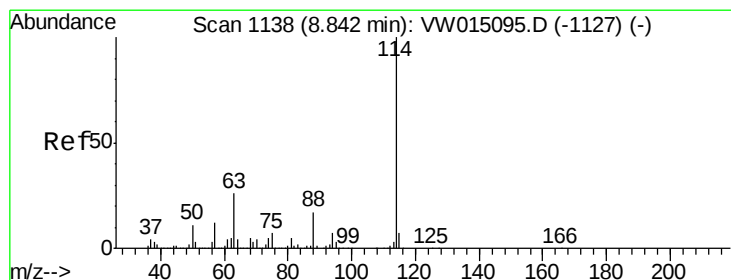
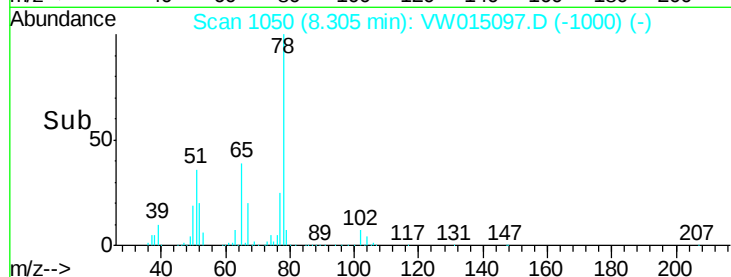
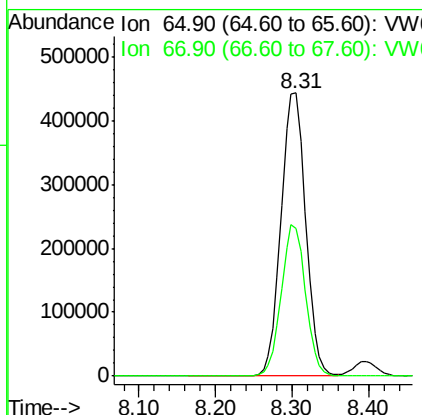
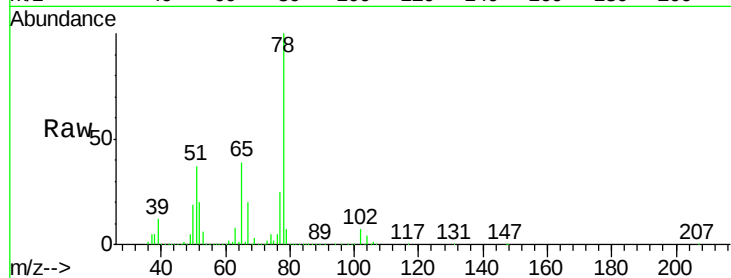




#33
 1,2-Dichloroethane-d4
 Concen: 136.37 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

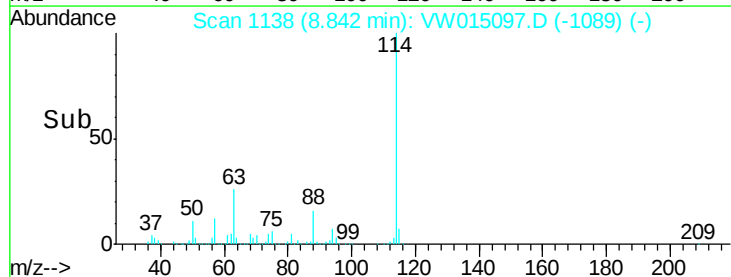
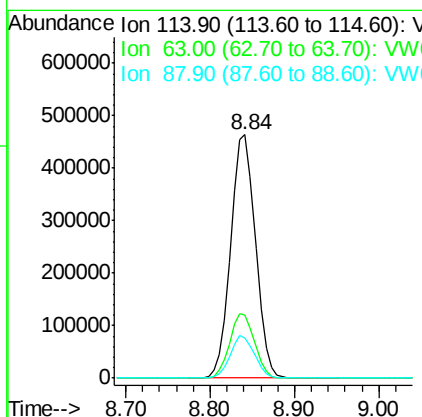
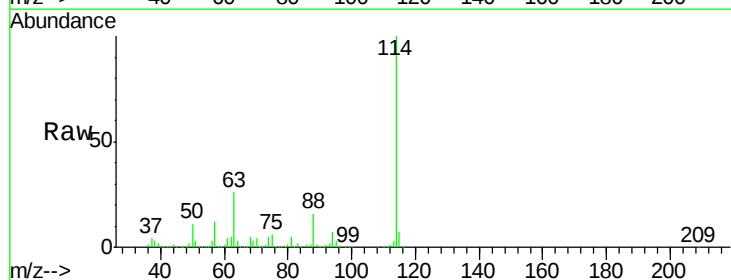
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

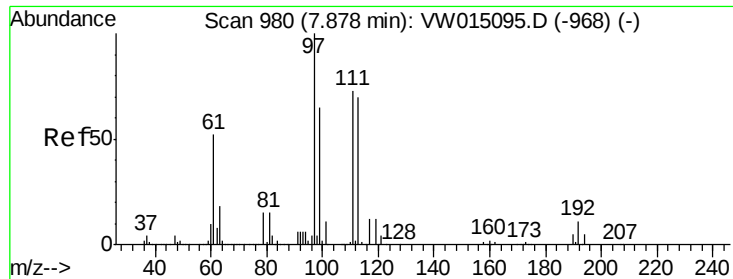
Tgt Ion: 65 Resp: 991281
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Tgt Ion: 114 Resp: 923897
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 52.0
 88 16.4 0.0 34.2

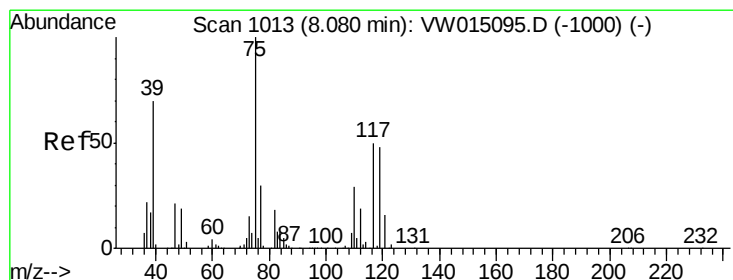
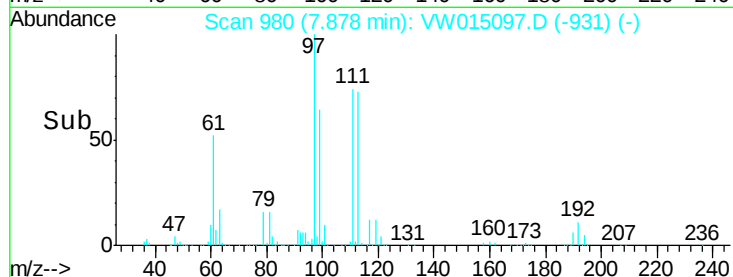
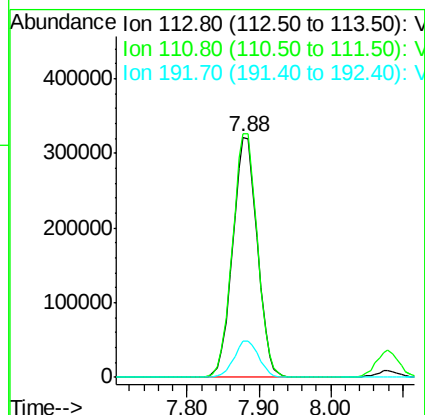
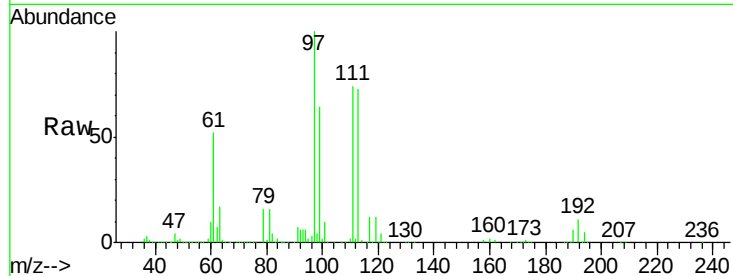




#35
 Dibromofluoromethane
 Concen: 138.05 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

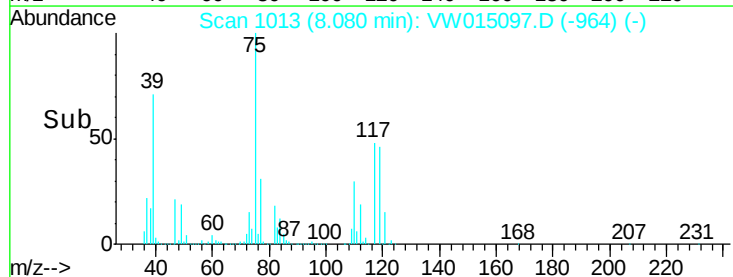
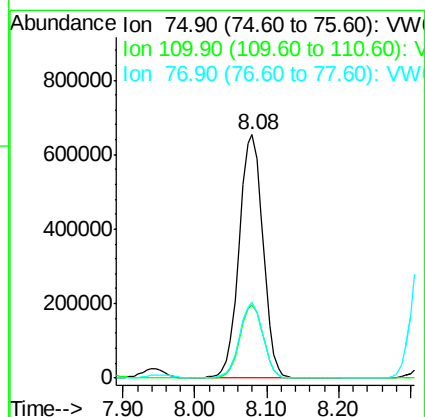
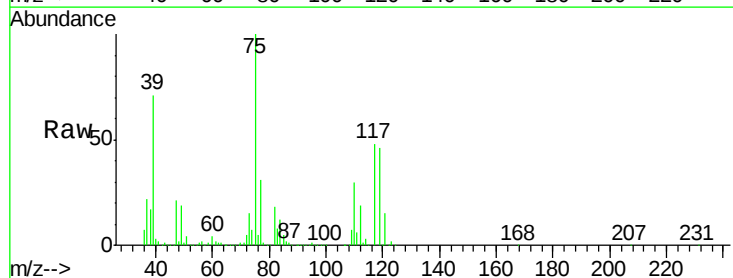
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

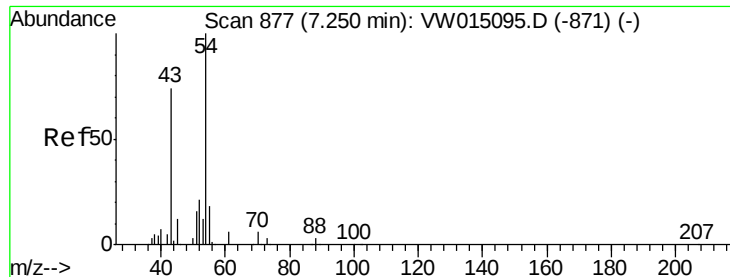
Tgt Ion: 113 Resp: 763619
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.6 125.4
 192 15.4 12.4 18.6



#36
 1,1-Dichloropropene
 Concen: 139.82 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Tgt Ion: 75 Resp: 1498070
 Ion Ratio Lower Upper
 75 100
 110 29.6 14.7 44.1
 77 30.5 24.2 36.4

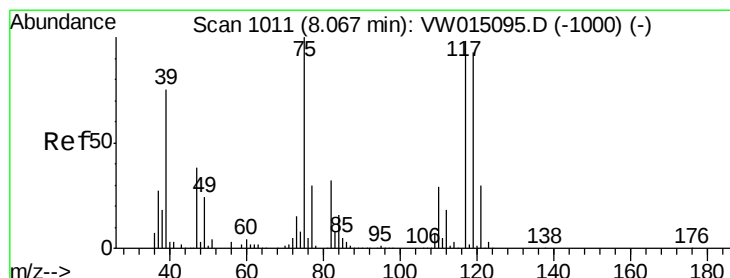
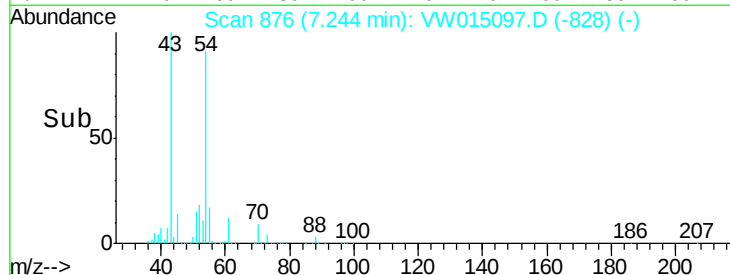
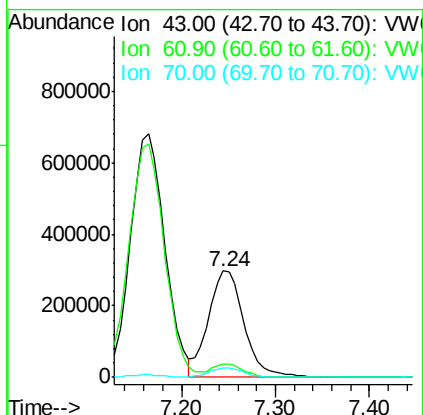
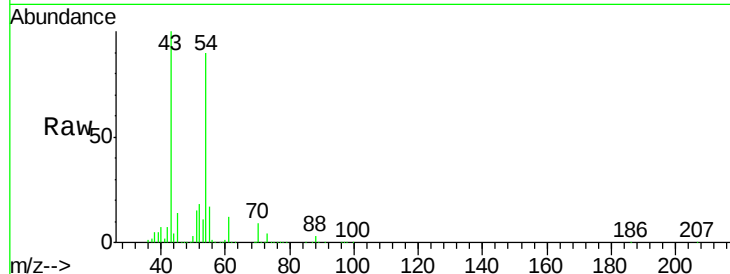




#37
Ethyl Acetate
Concen: 145.82 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

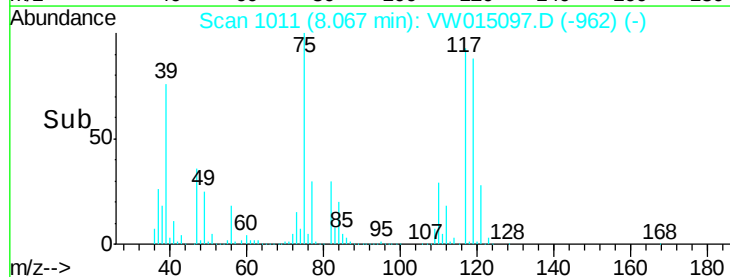
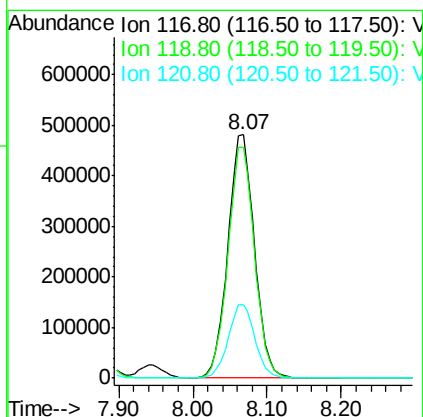
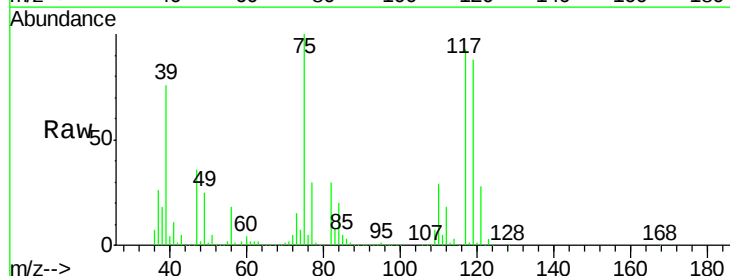
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

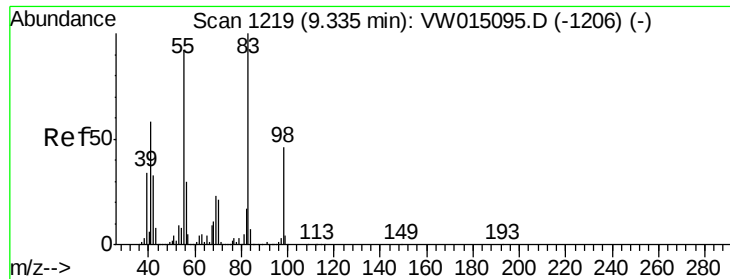
Tgt Ion: 43 Resp: 778696
Ion Ratio Lower Upper
43 100
61 11.2 9.6 14.4
70 8.3 6.5 9.7



#38
Carbon Tetrachloride
Concen: 137.45 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion: 117 Resp: 1198885
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 153.05 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

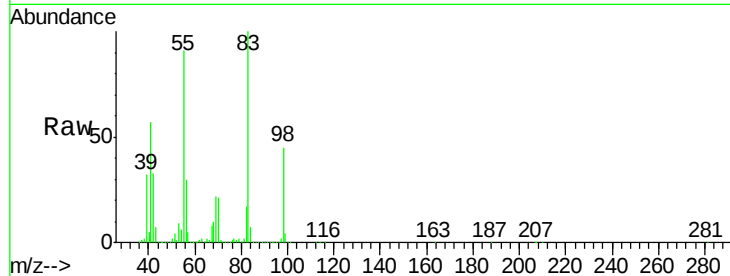
Tgt Ion: 83 Resp: 1875027

Ion Ratio Lower Upper

83 100

55 90.7 73.5 110.3

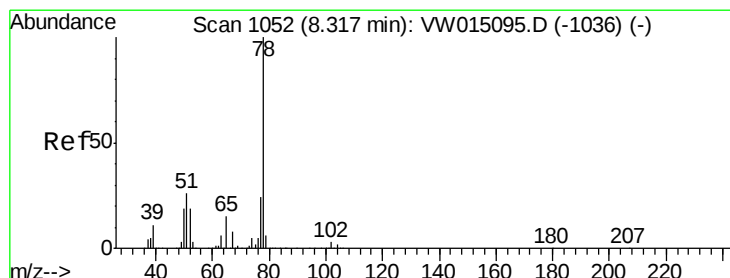
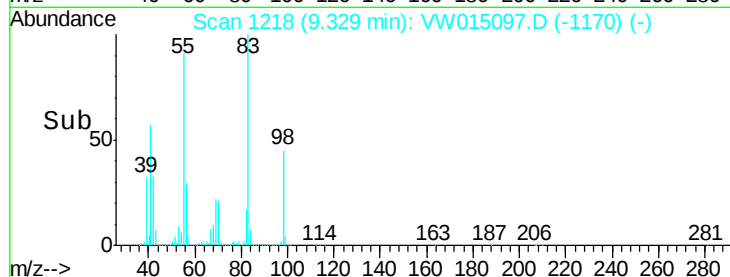
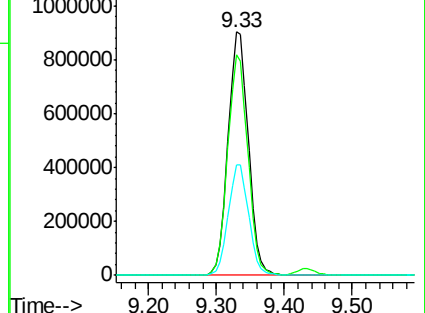
98 45.2 37.2 55.8



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 136.70 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW015097.D

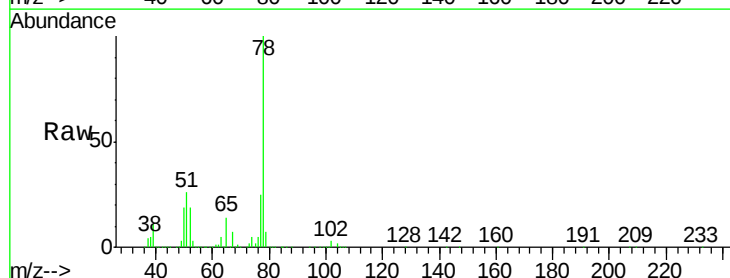
Acq: 09 Mar 2020 12:47

Tgt Ion: 78 Resp: 4070355

Ion Ratio Lower Upper

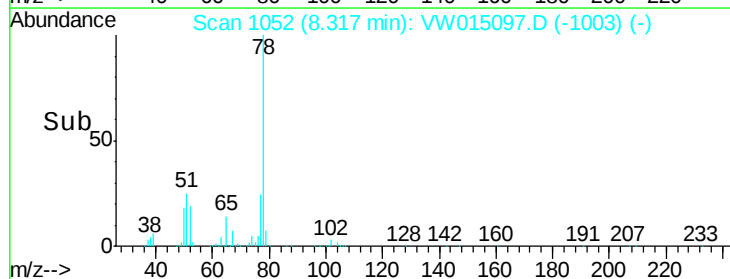
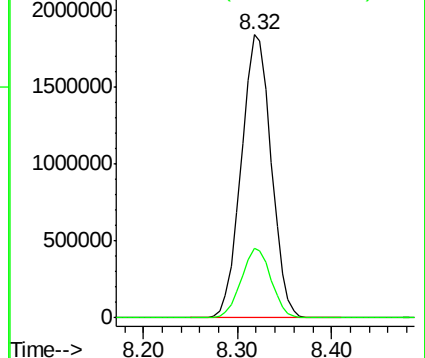
78 100

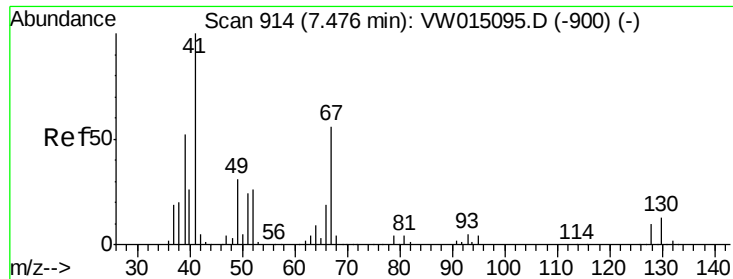
77 24.5 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

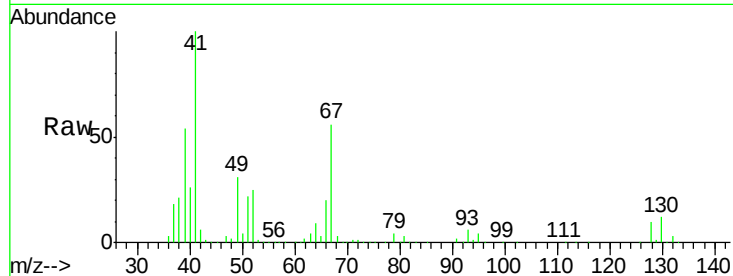




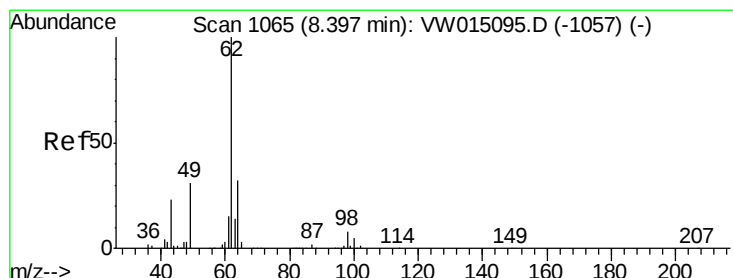
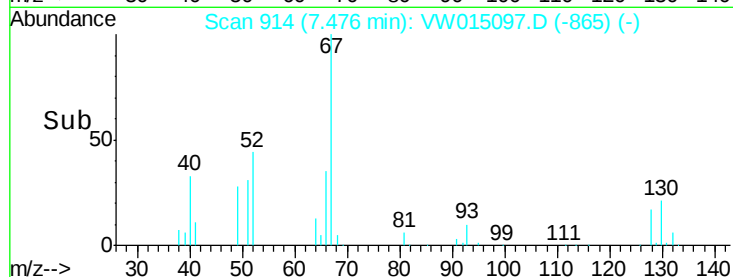
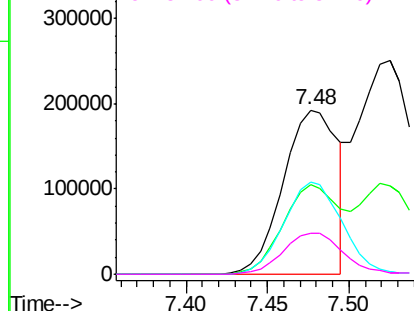
#41
Methacrylonitrile
Concen: 156.94 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	443224
Ion	Ratio	Lower	Upper
41	100		
39	59.7	49.0	73.4
67	61.0	50.4	75.6
52	28.0	24.2	36.4

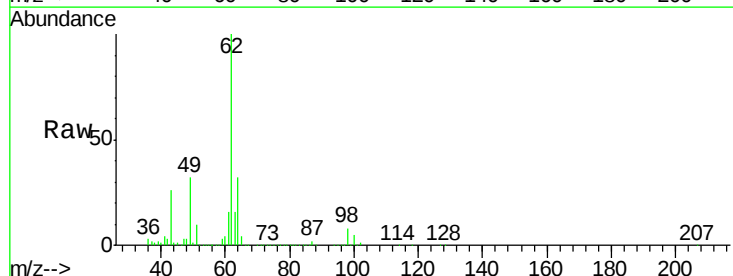


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

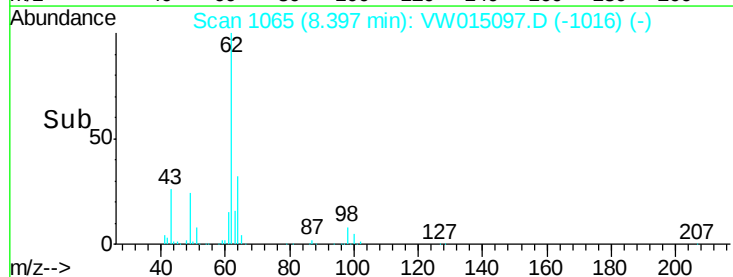
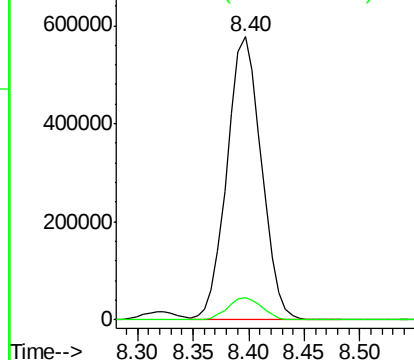


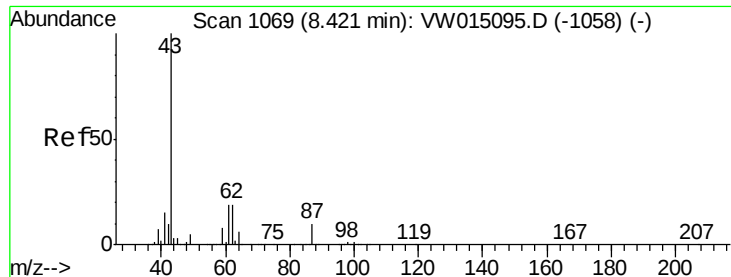
#42
1,2-Dichloroethane
Concen: 136.35 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion:	62	Resp:	1236841
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: 153.52 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

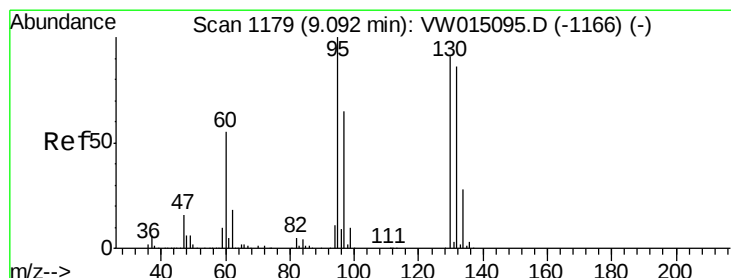
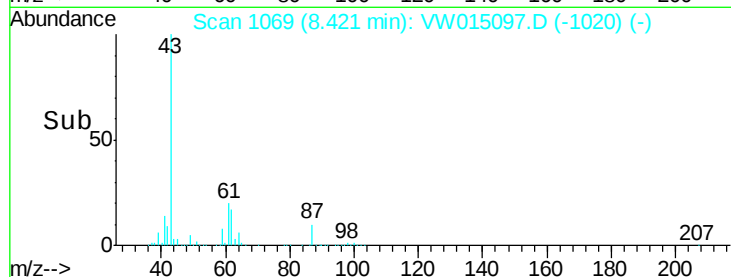
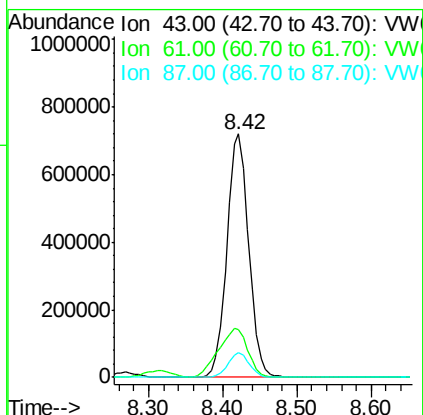
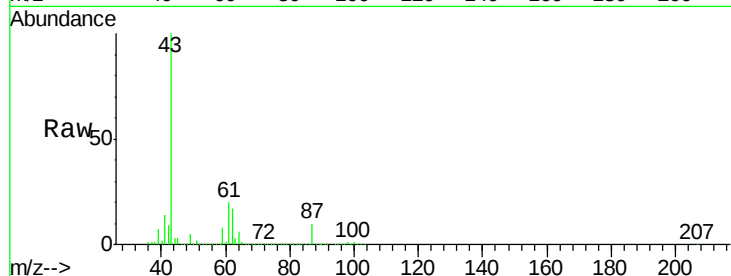
Tgt Ion: 43 Resp: 1469712

Ion Ratio Lower Upper

43 100

61 26.9 21.8 32.8

87 10.0 8.0 12.0



#44

Trichloroethene

Concen: 139.83 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015097.D

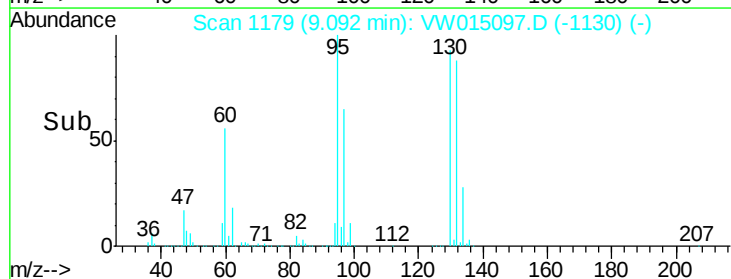
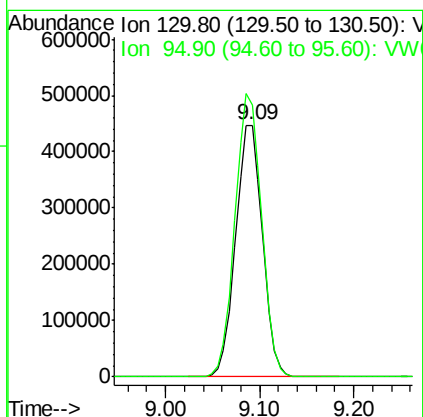
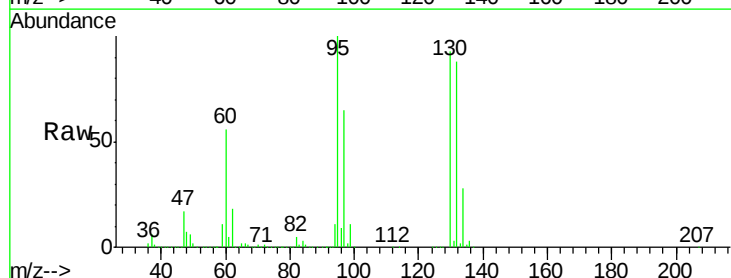
Acq: 09 Mar 2020 12:47

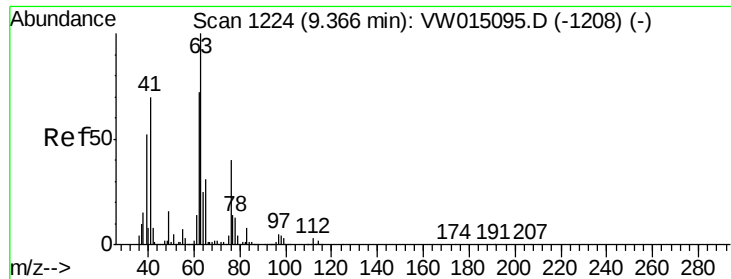
Tgt Ion: 130 Resp: 886238

Ion Ratio Lower Upper

130 100

95 108.0 0.0 219.8

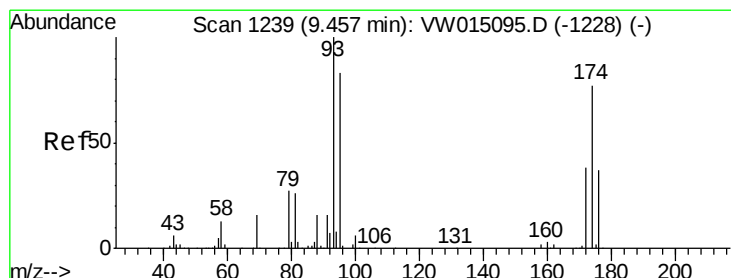
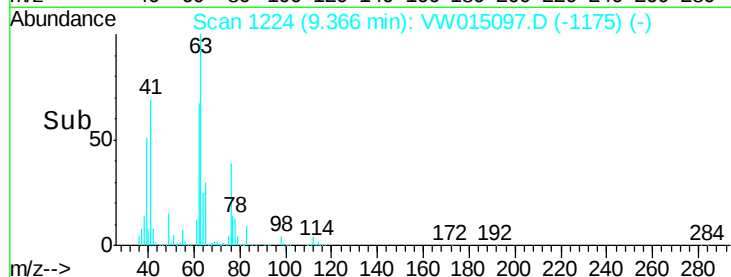
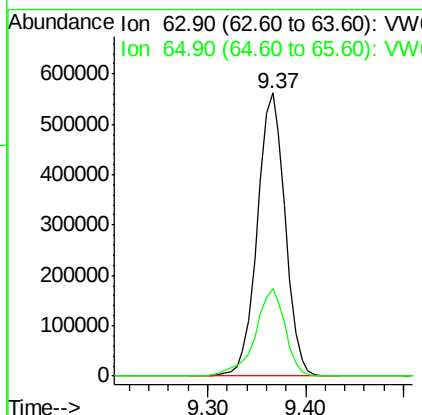
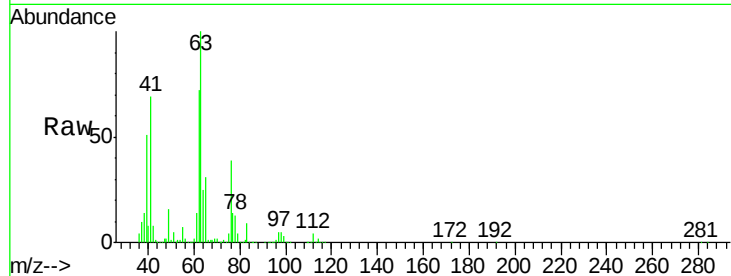




#45
 1,2-Dichloropropane
 Concen: 139.07 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

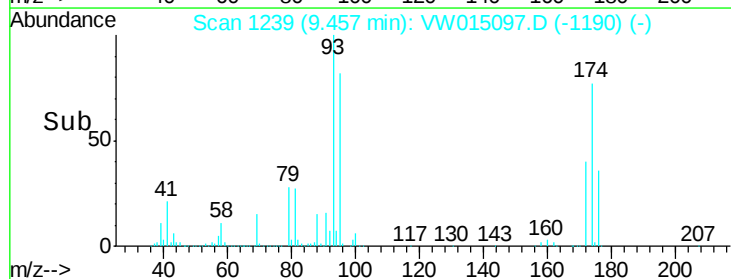
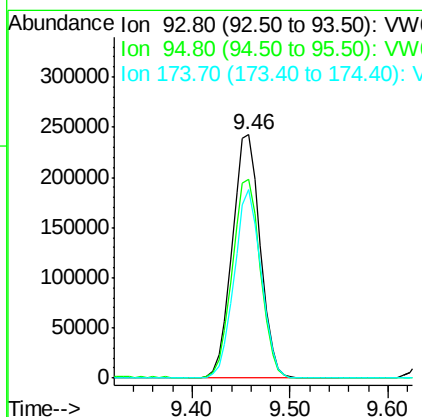
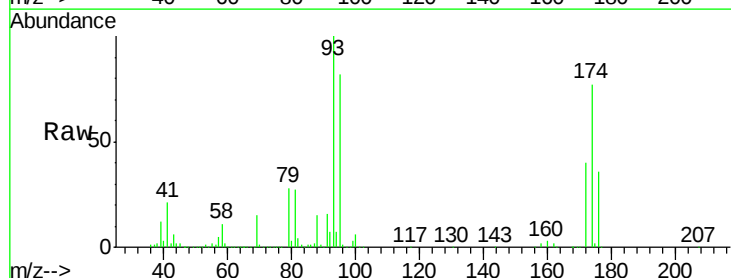
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

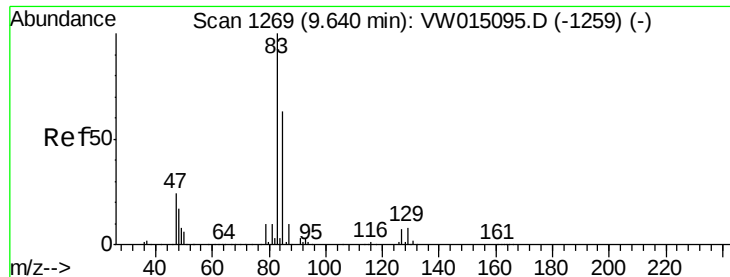
Tgt Ion: 63 Resp: 1115140
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 36.8



#46
 Dibromomethane
 Concen: 137.85 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Tgt Ion: 93 Resp: 480655
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 100.0
 174 75.0 60.6 91.0





#47

Bromodichloromethane

Concen: 141.01 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

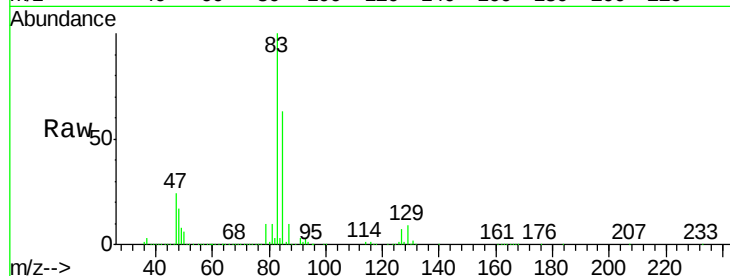
Tgt Ion: 83 Resp: 1312673

Ion Ratio Lower Upper

83 100

85 63.3 50.7 76.1

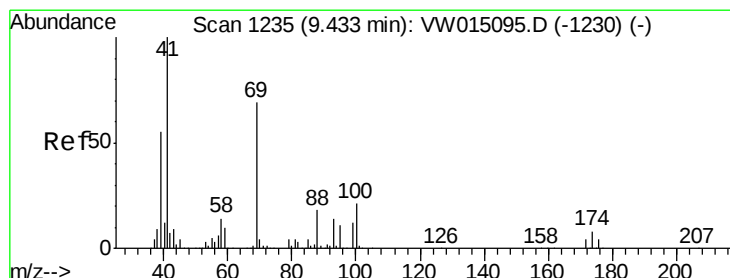
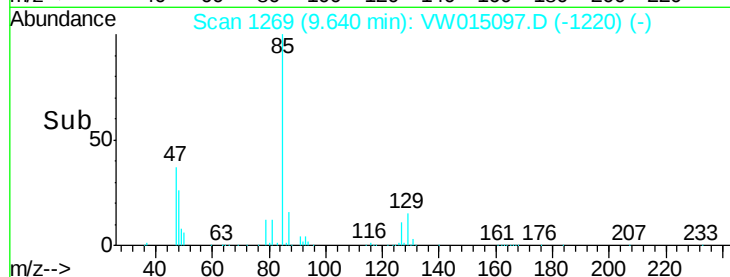
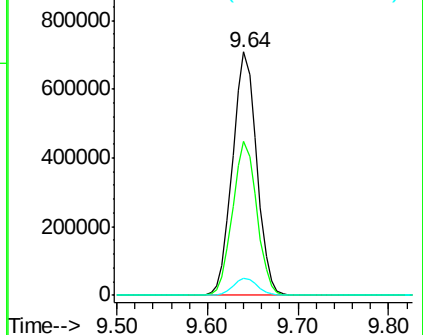
127 7.2 5.5 8.3



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: 172.18 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

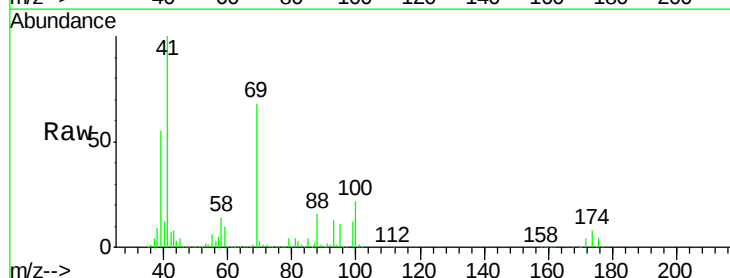
Tgt Ion: 41 Resp: 760722

Ion Ratio Lower Upper

41 100

69 68.4 58.7 88.1

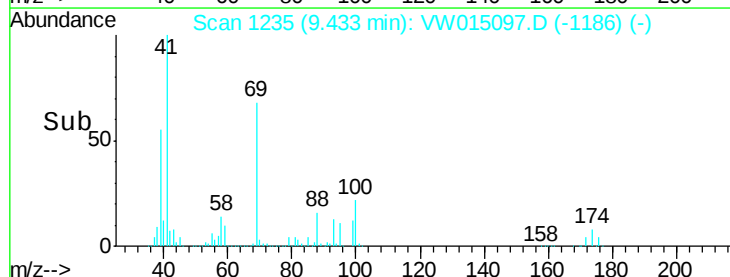
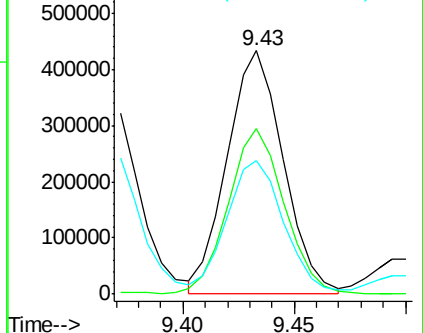
39 52.5 45.1 67.7

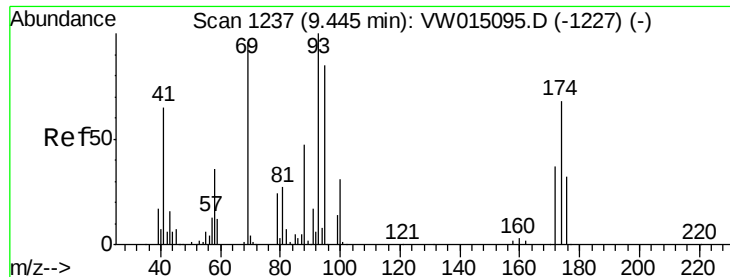


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2971.74 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

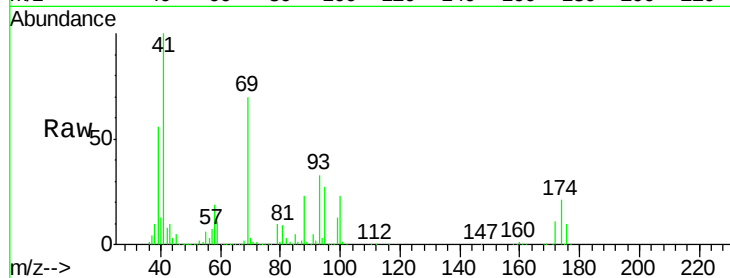
Tgt Ion: 88 Resp: 158638

Ion Ratio Lower Upper

88 100

43 45.3 35.8 53.8

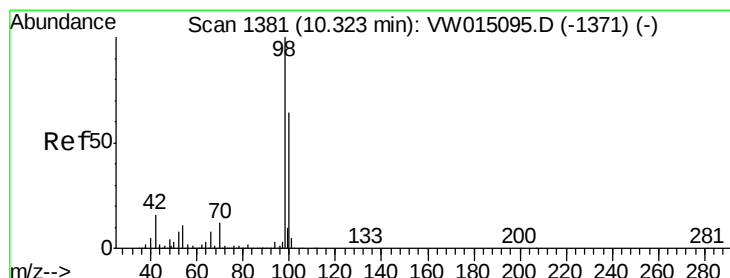
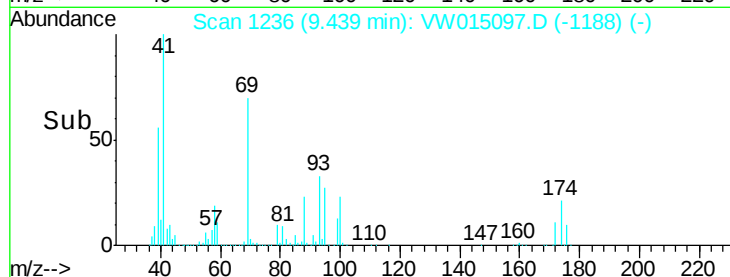
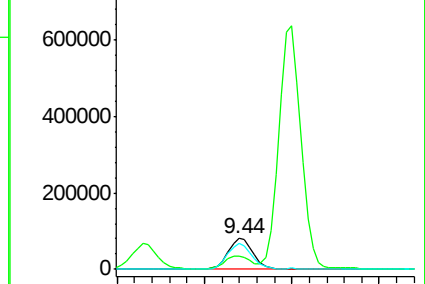
58 83.3 64.0 96.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 142.00 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015097.D

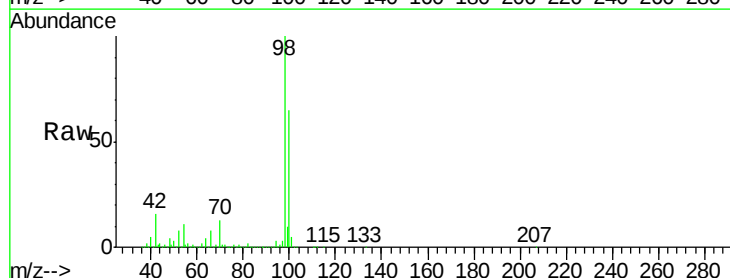
Acq: 09 Mar 2020 12:47

Tgt Ion: 98 Resp: 3289271

Ion Ratio Lower Upper

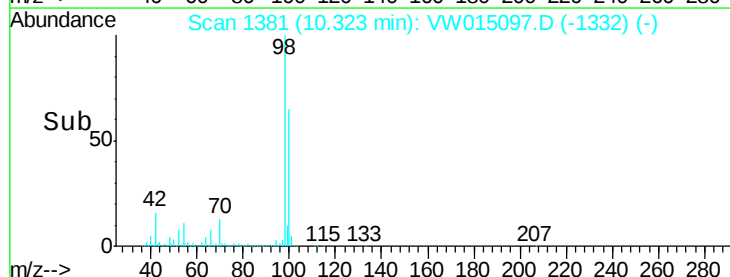
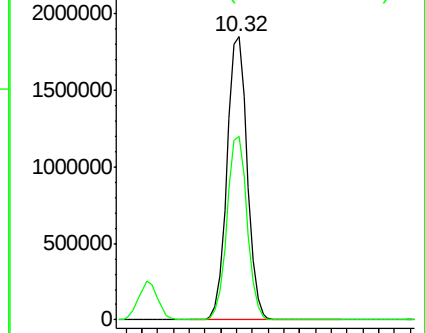
98 100

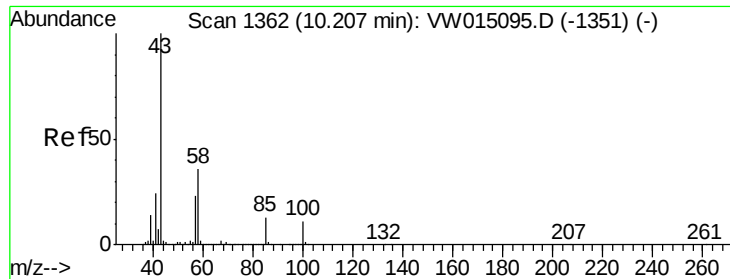
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

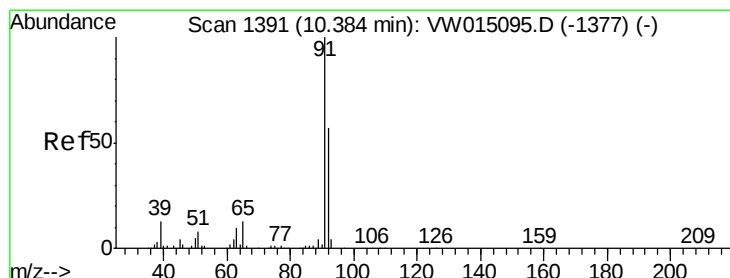
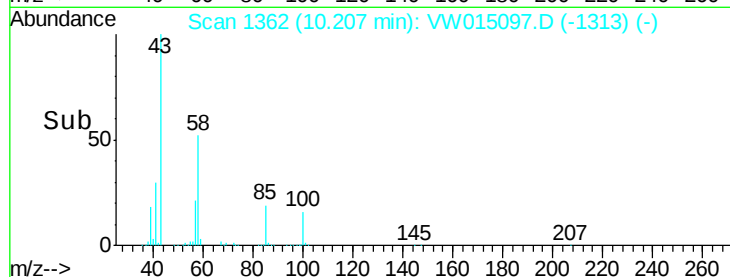
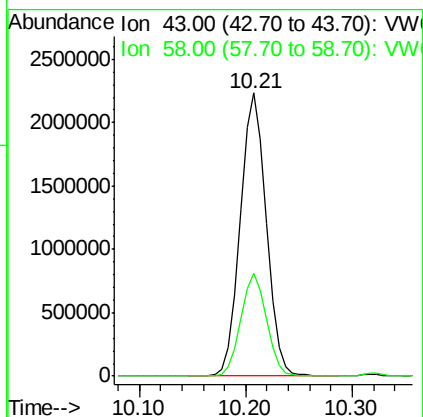
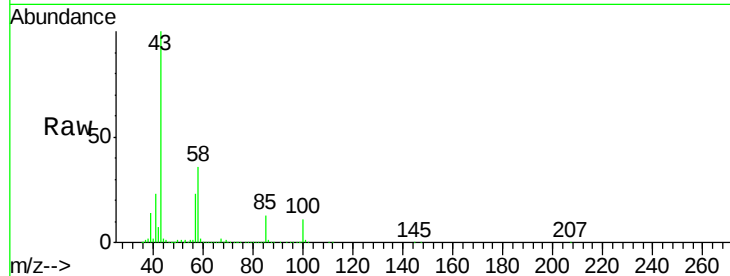




#51
 4-Methyl-2-Pentanone
 Concen: 725.47 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

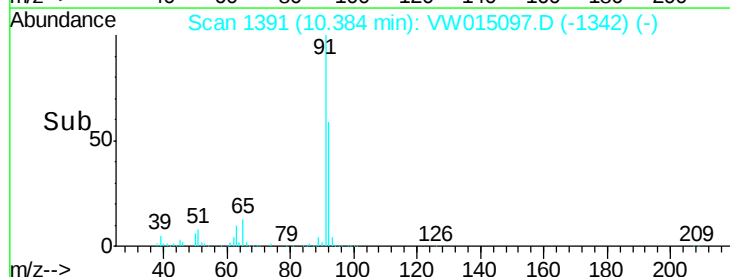
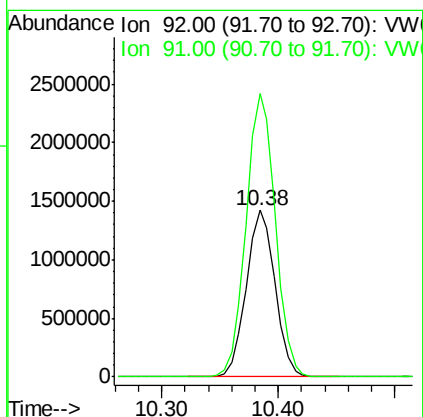
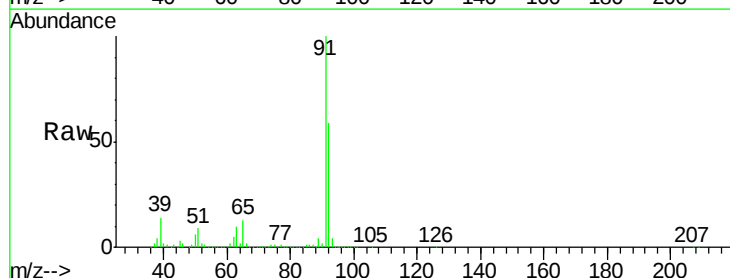
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

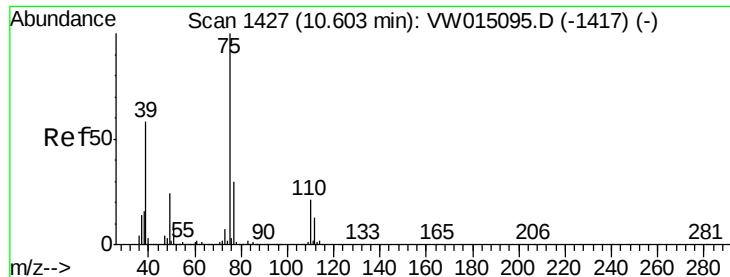
Tgt Ion: 43 Resp: 3836094
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.0 42.0



#52
 Toluene
 Concen: 143.18 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Tgt Ion: 92 Resp: 2449099
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 154.61 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

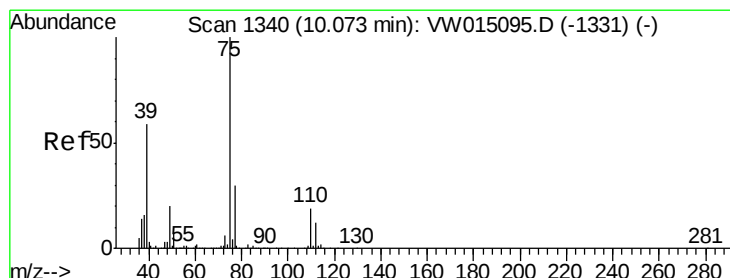
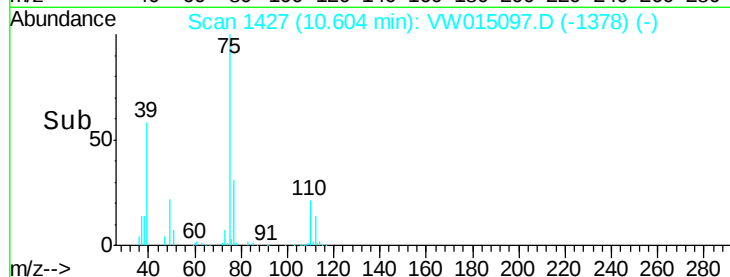
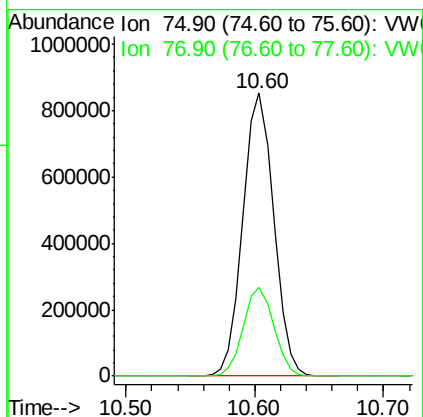
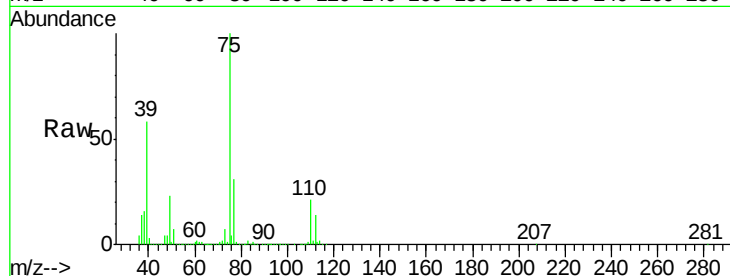
VSTDIC150

Tgt Ion: 75 Resp: 1415861

Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 150.31 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

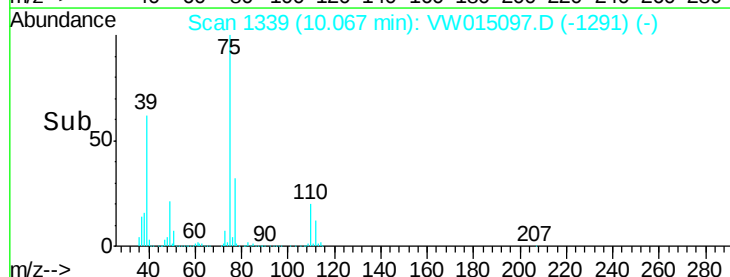
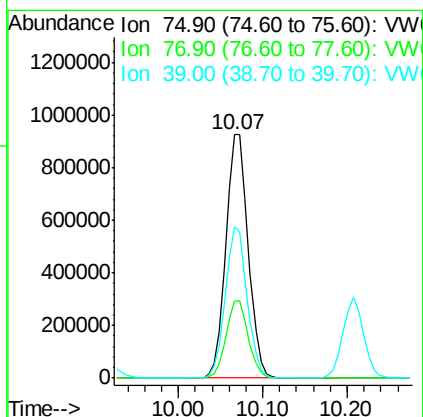
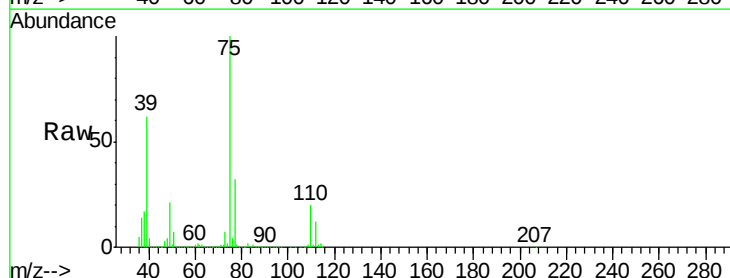
Tgt Ion: 75 Resp: 1676894

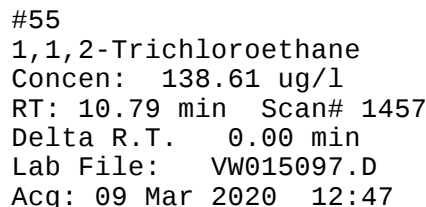
Ion Ratio Lower Upper

75 100

77 31.9 24.3 36.5

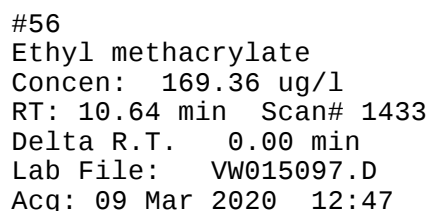
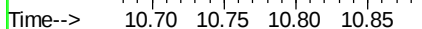
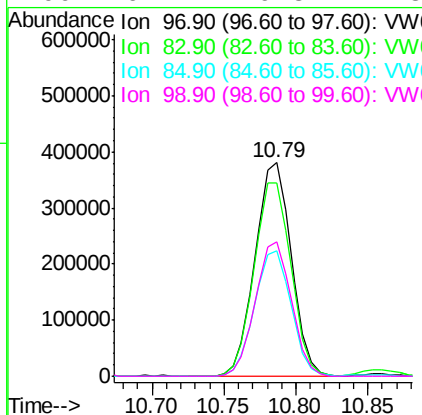
39 62.1 47.0 70.6



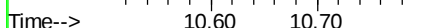
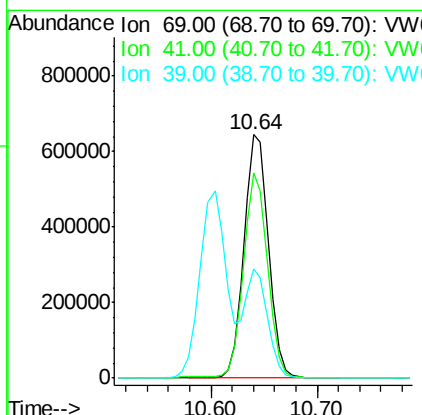


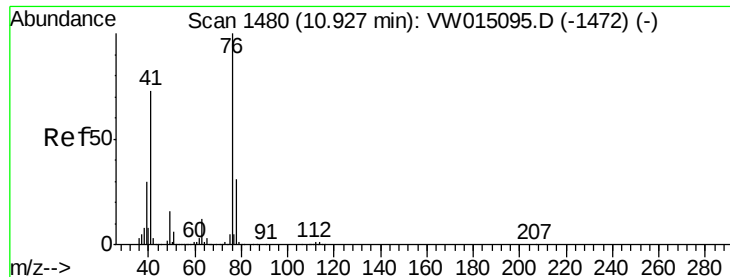
Instrument : MSVOA_W
ClientSampleId : VSTDICC150

Tgt	Ion: 97	Resp:	662200
Ion	Ratio	Lower	Upper
97	100		
83	90.5	74.0	111.0
85	58.5	46.9	70.3
99	62.7	49.8	74.8



Tgt	Ion: 69	Resp: 1044033	
Ion	Ratio	Lower	Upper
69	100		
41	82.5	65.8	98.6
39	43.4	31.2	46.8





#57

1,3-Dichloropropane

Concen: 144.47 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

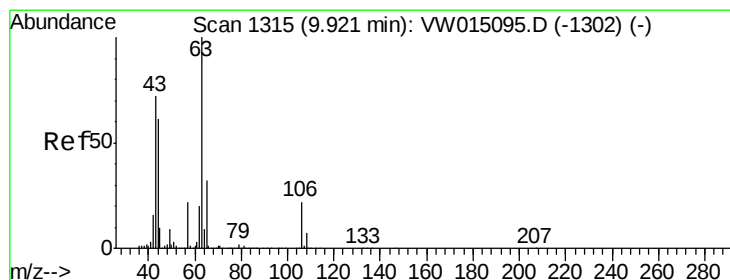
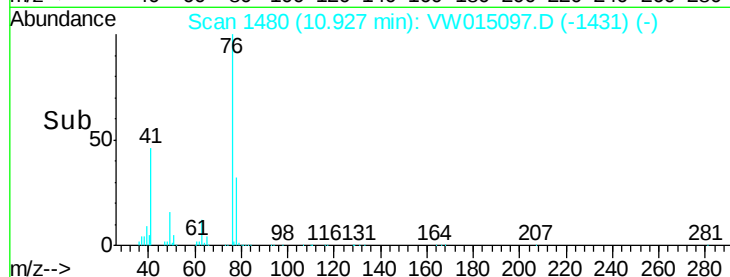
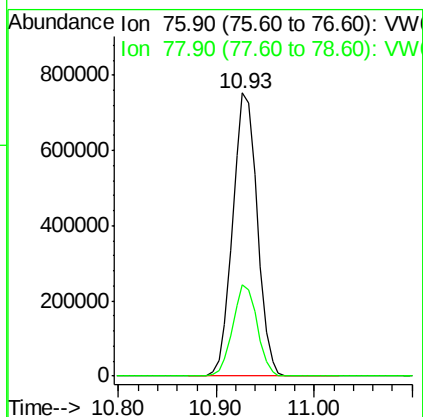
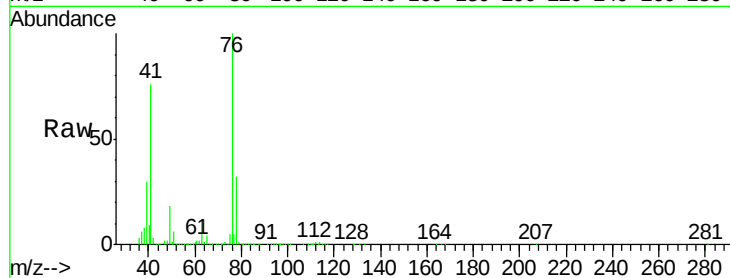
VSTDIC150

Tgt Ion: 76 Resp: 1314082

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 765.39 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW015097.D

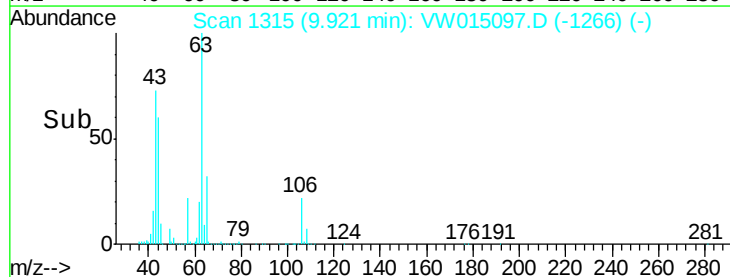
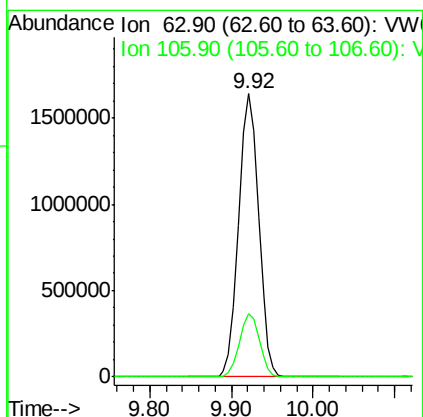
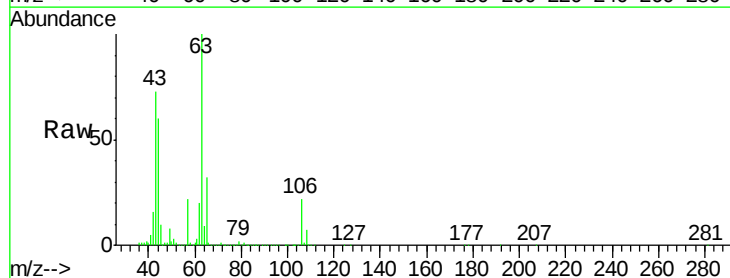
Acq: 09 Mar 2020 12:47

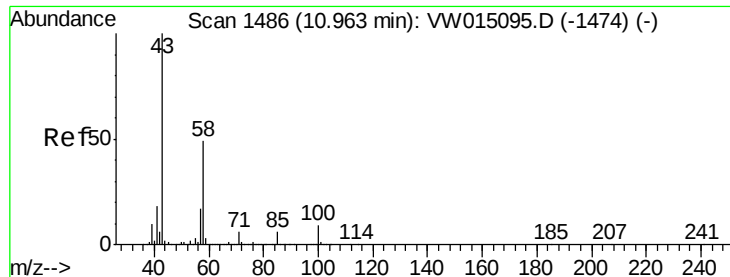
Tgt Ion: 63 Resp: 2768448

Ion Ratio Lower Upper

63 100

106 22.4 18.0 27.0

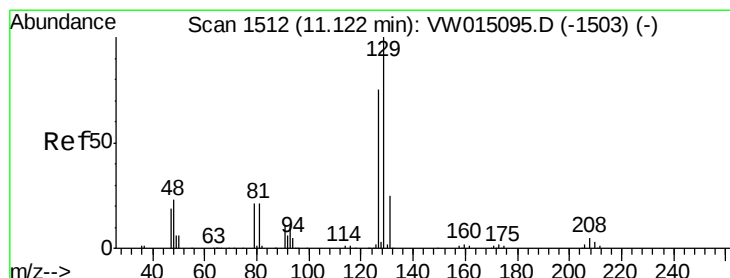
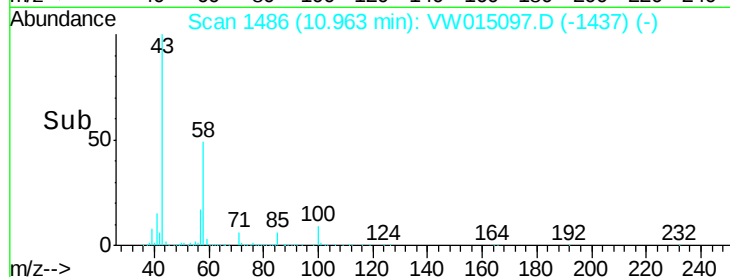
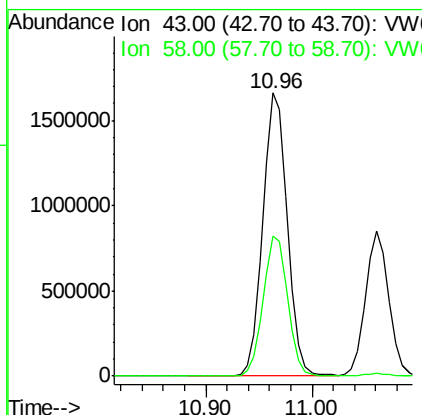
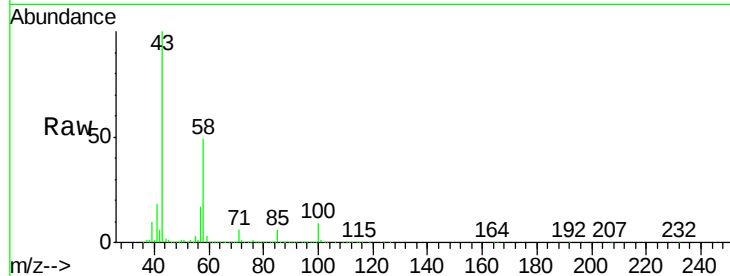




#59
2-Hexanone
Concen: 812.98 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

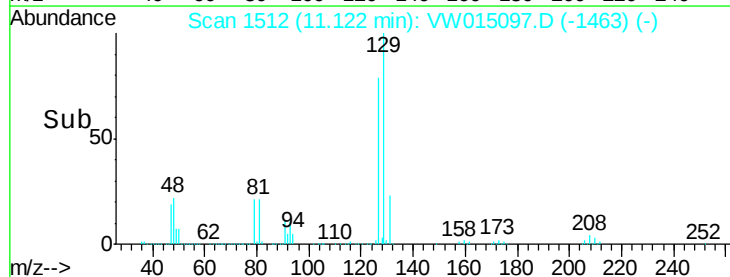
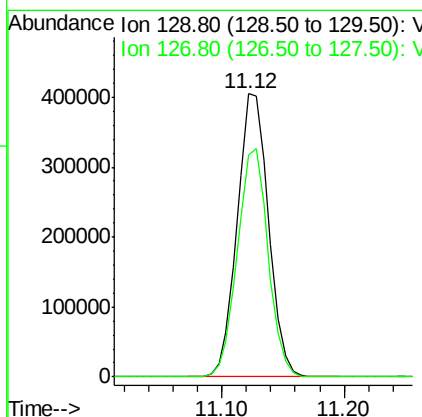
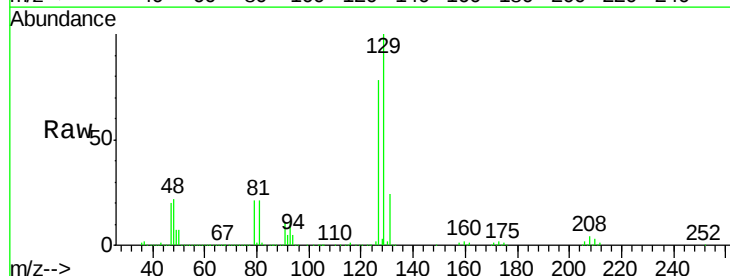
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

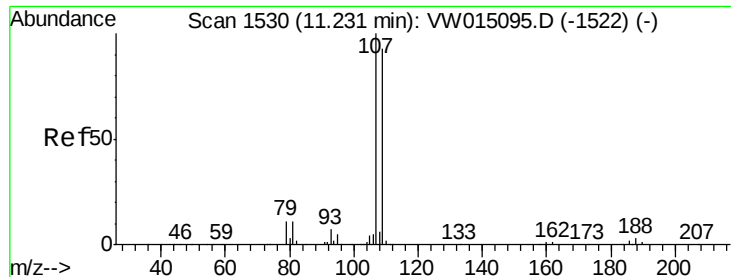
Tgt Ion: 43 Resp: 2685157
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.8



#60
Dibromochloromethane
Concen: 145.47 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion: 129 Resp: 717796
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1

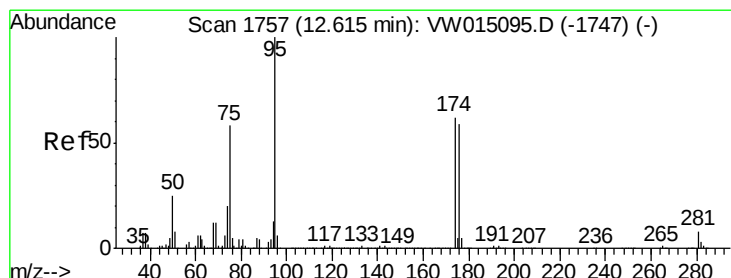
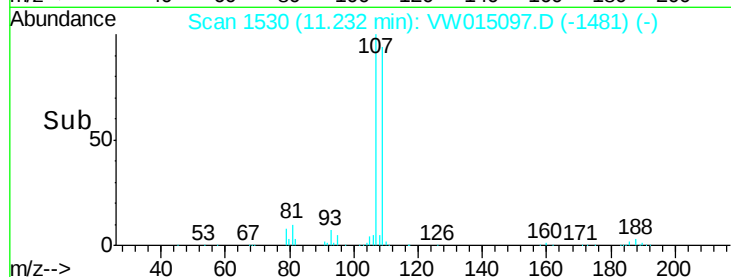
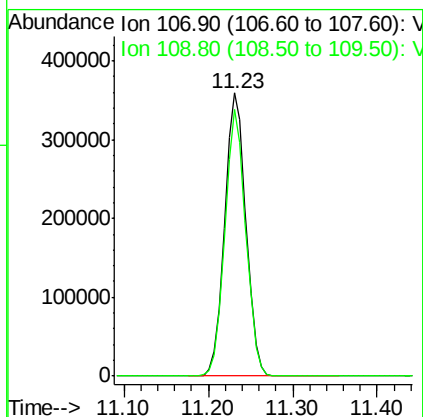
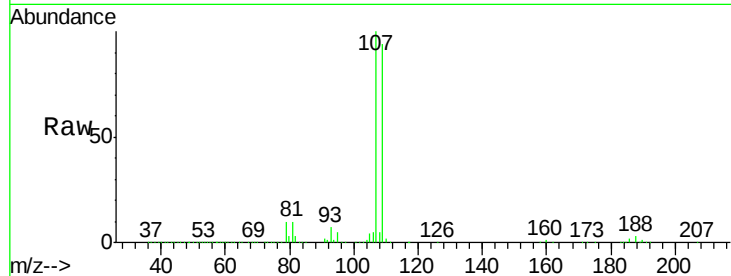




#61
 1,2-Dibromoethane
 Concen: 144.61 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

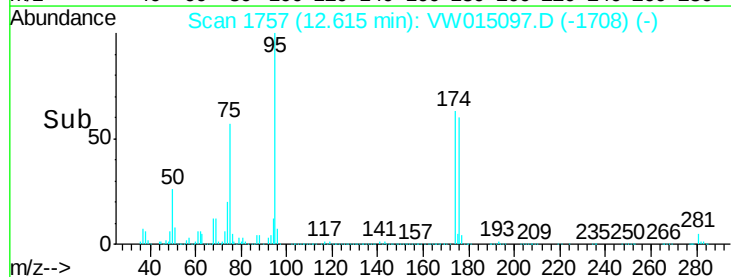
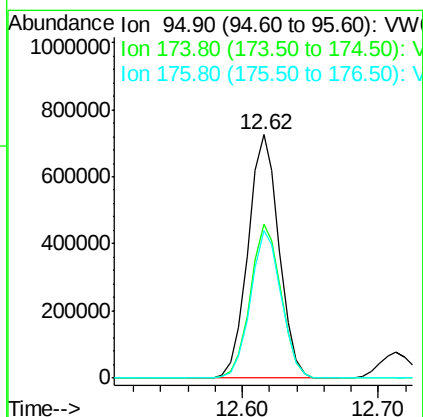
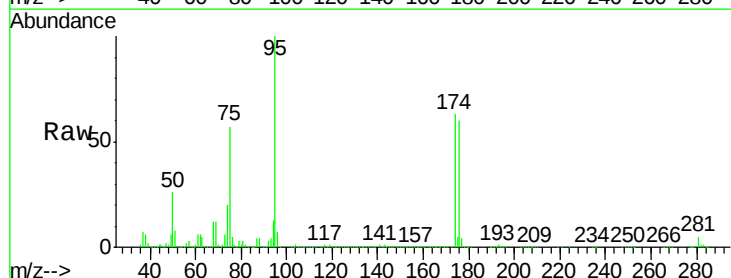
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

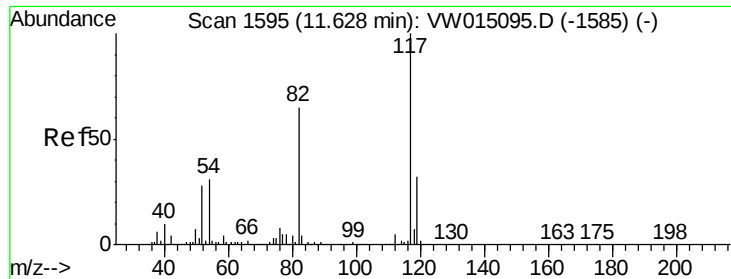
Tgt Ion: 107 Resp: 612512
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 149.55 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Tgt Ion: 95 Resp: 1150695
 Ion Ratio Lower Upper
 95 100
 174 63.0 0.0 126.8
 176 60.2 0.0 121.6

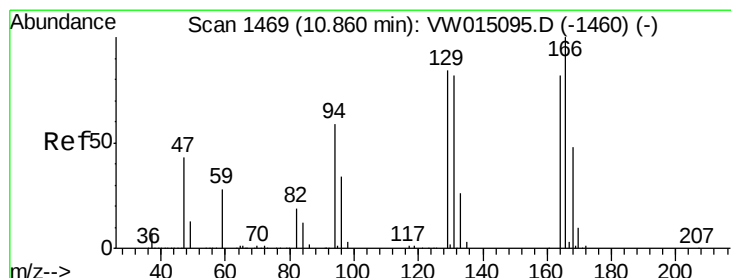
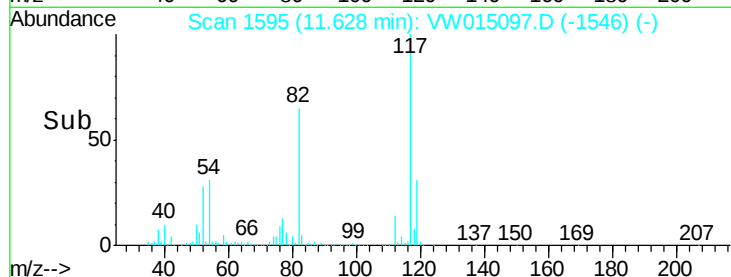
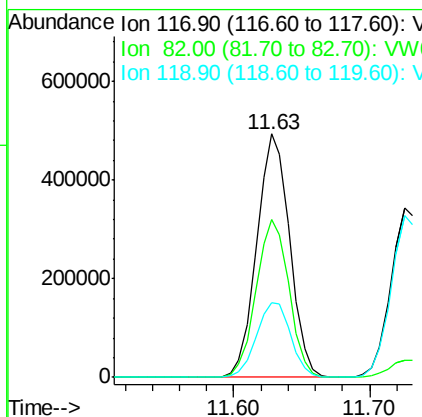
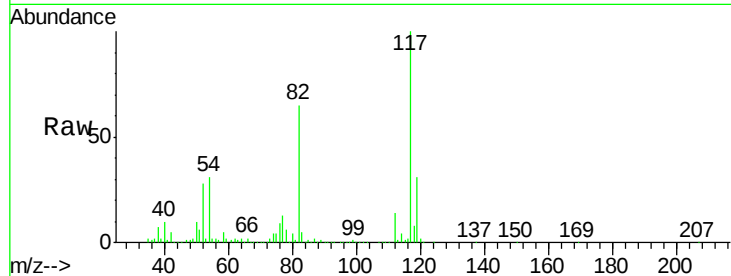




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

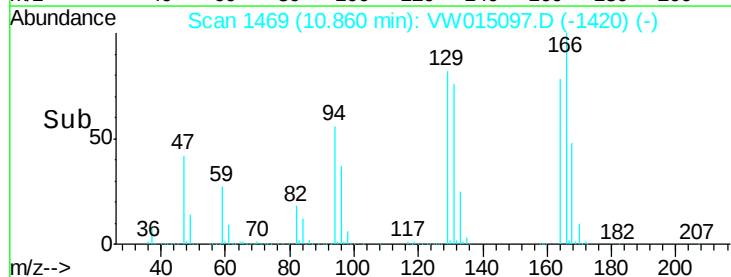
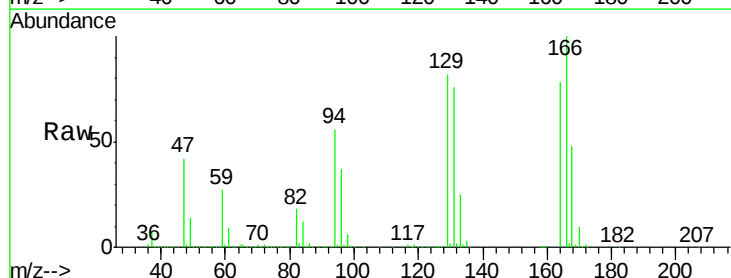
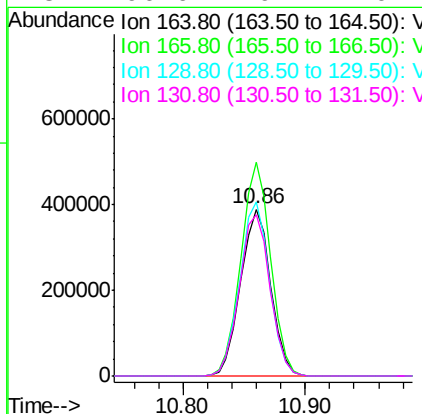
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

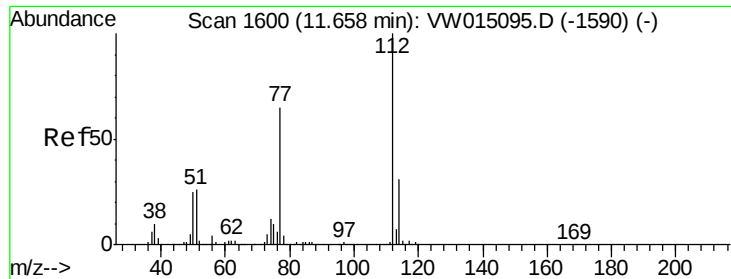
Tgt Ion:117 Resp: 837107
Ion Ratio Lower Upper
117 100
82 65.0 52.2 78.2
119 30.7 25.4 38.0



#64
Tetrachloroethene
Concen: 137.07 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion:164 Resp: 662165
Ion Ratio Lower Upper
164 100
166 128.0 97.0 145.6
129 104.5 81.2 121.8
131 96.6 79.4 119.2

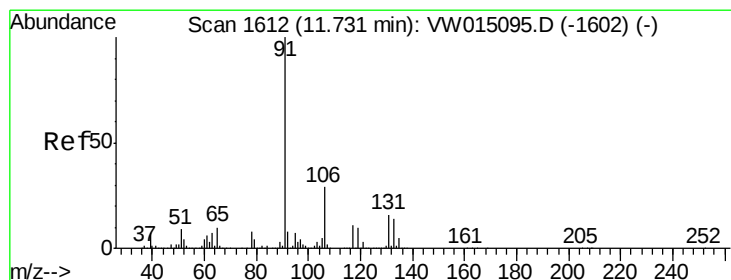
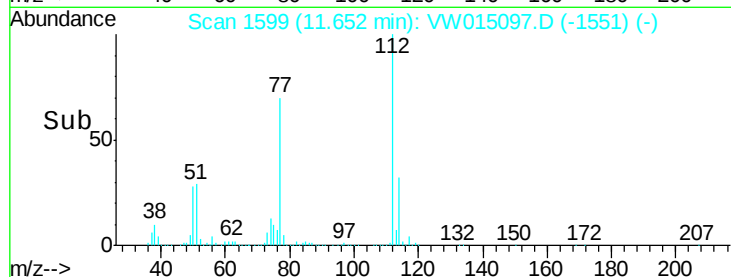
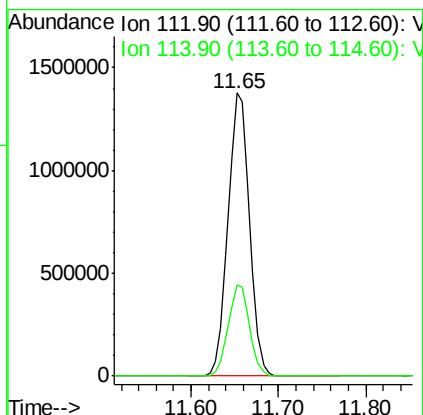
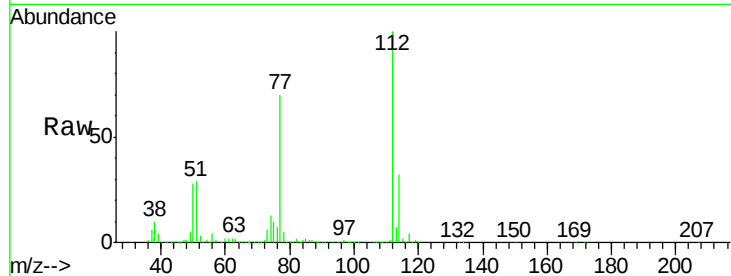




#65
Chlorobenzene
Concen: 139.70 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

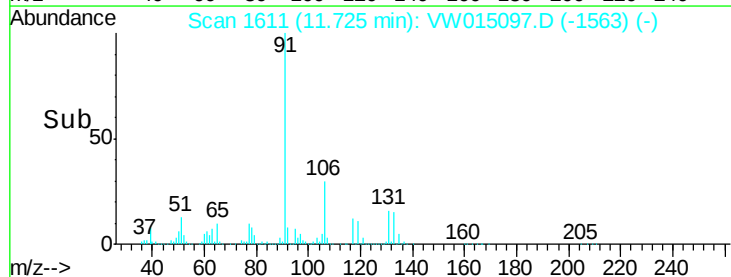
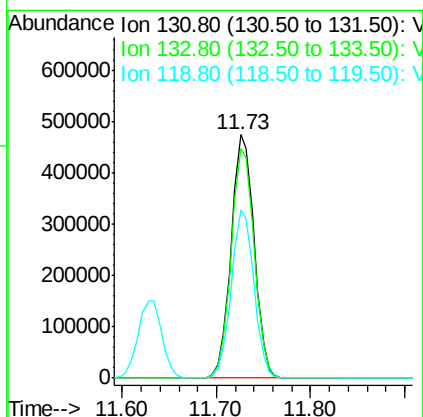
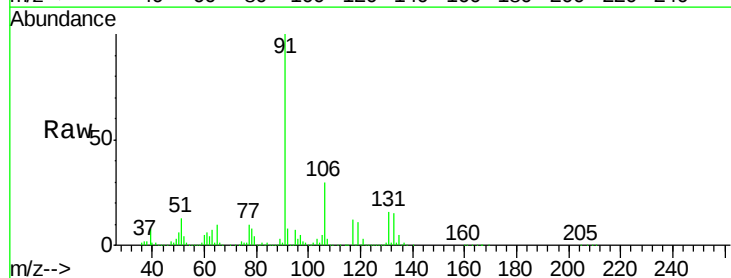
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

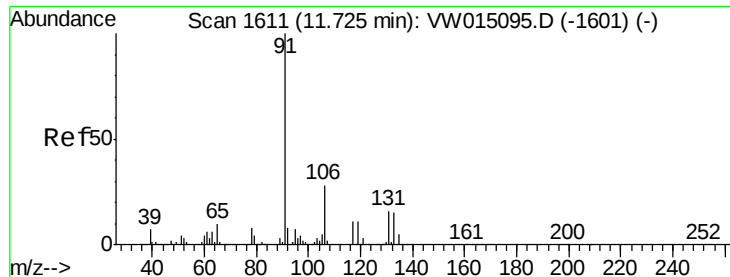
Tgt Ion:112 Resp: 2347334
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 143.25 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion:131 Resp: 801484
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 68.3 34.0 101.8

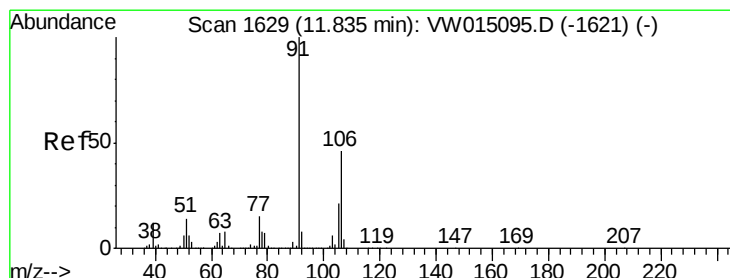
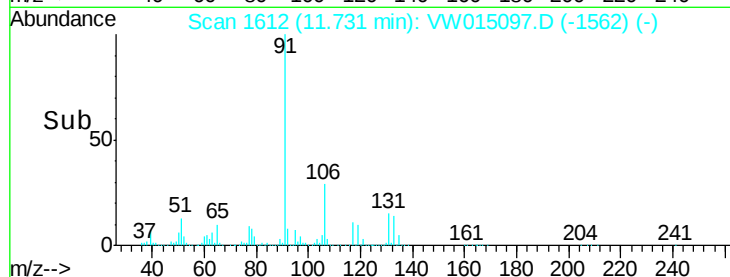
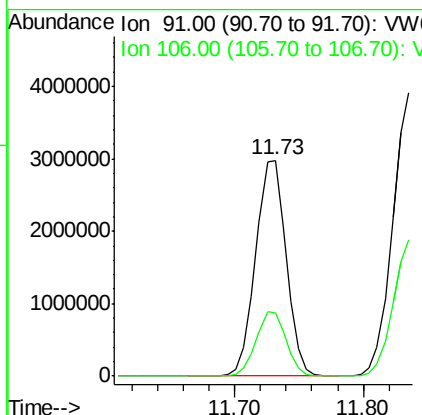
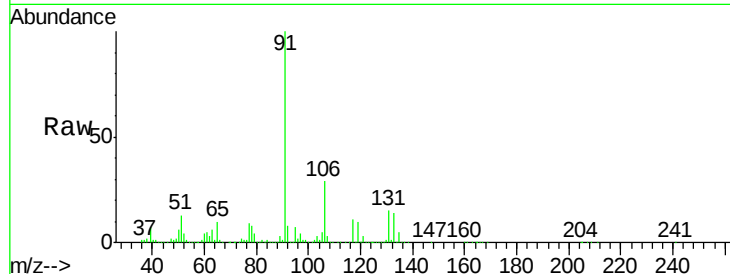




#67
Ethyl Benzene
Concen: 148.78 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

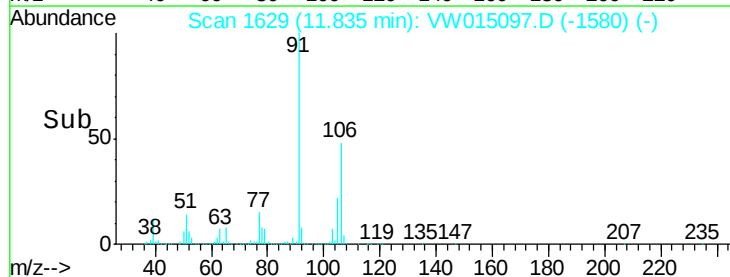
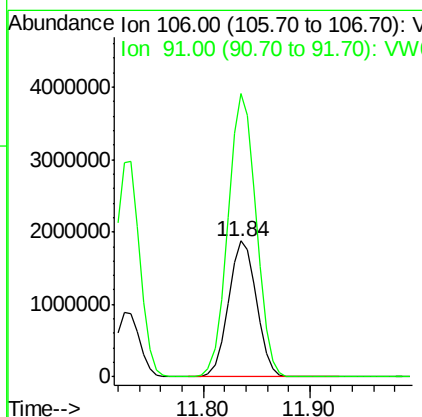
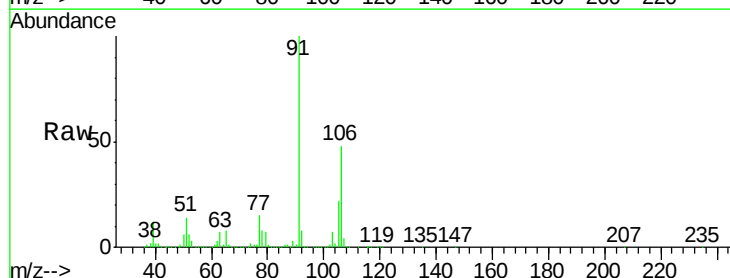
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

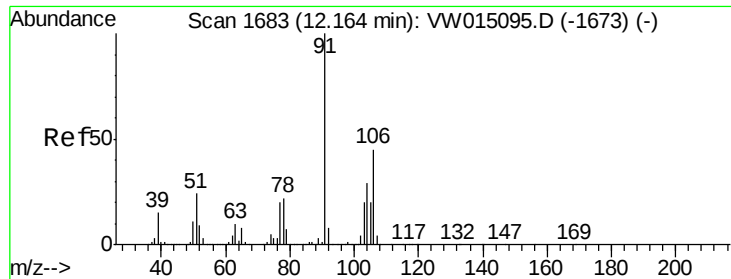
Tgt Ion: 91 Resp: 4864527
Ion Ratio Lower Upper
91 100
106 29.4 22.8 34.2



#68
m/p-Xylenes
Concen: 298.54 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion: 106 Resp: 3450761
Ion Ratio Lower Upper
106 100
91 209.6 172.3 258.5

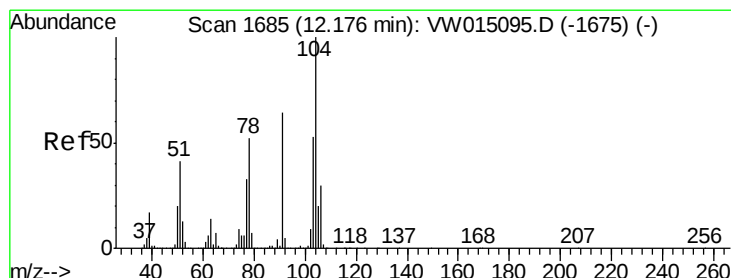
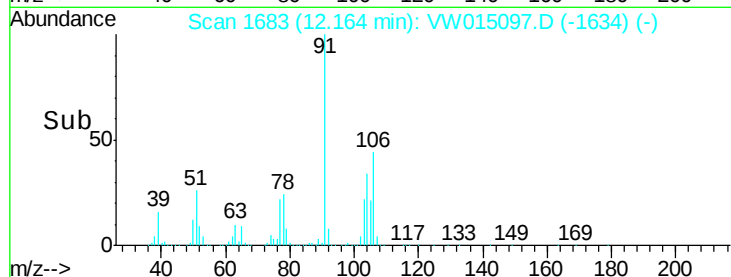
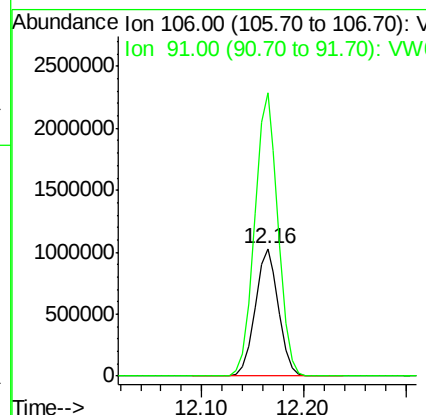
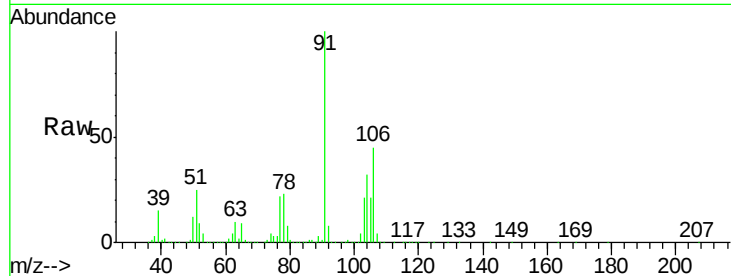




#69
o-Xylene
Concen: 156.16 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

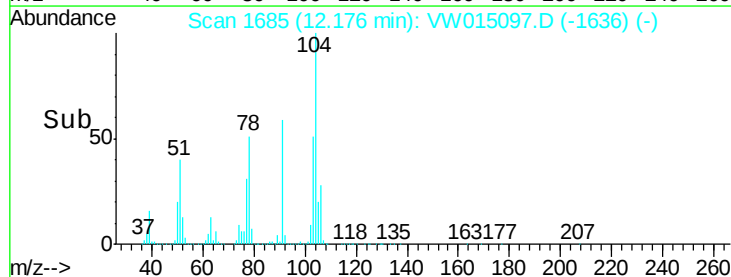
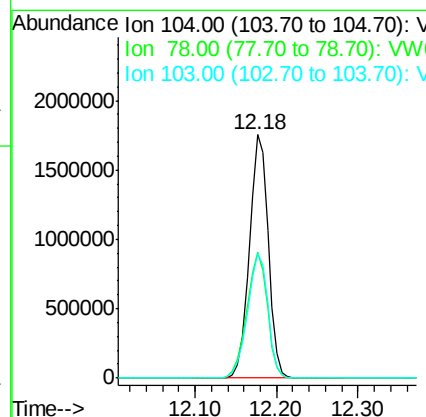
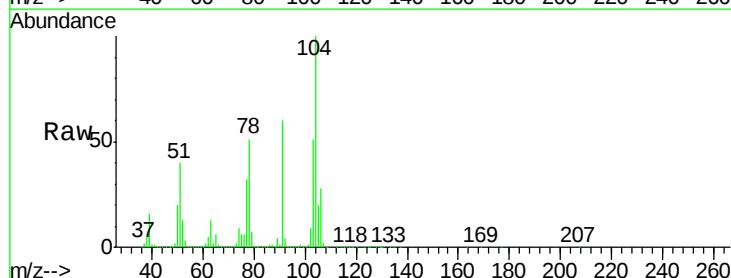
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

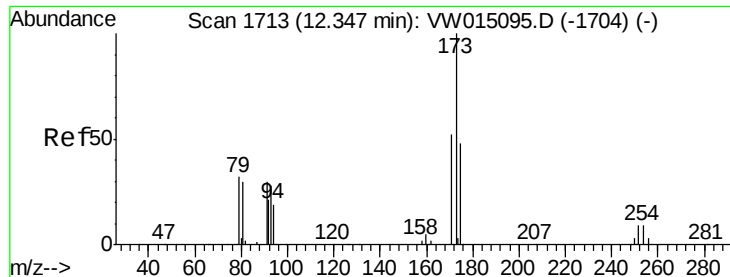
Tgt Ion:106 Resp: 1625993
Ion Ratio Lower Upper
106 100
91 223.3 112.6 337.8



#70
Styrene
Concen: 156.85 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion:104 Resp: 2798250
Ion Ratio Lower Upper
104 100
78 56.0 44.7 67.1
103 55.3 44.7 67.1

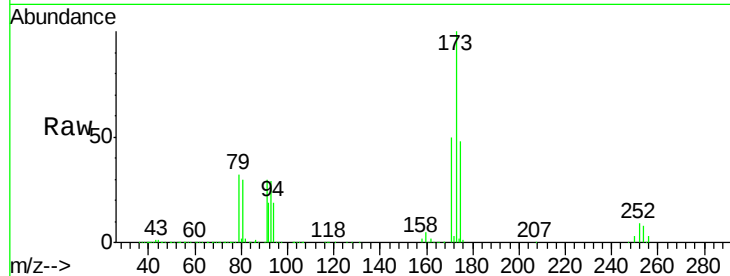




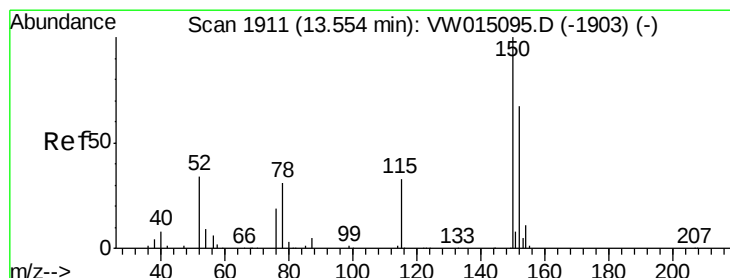
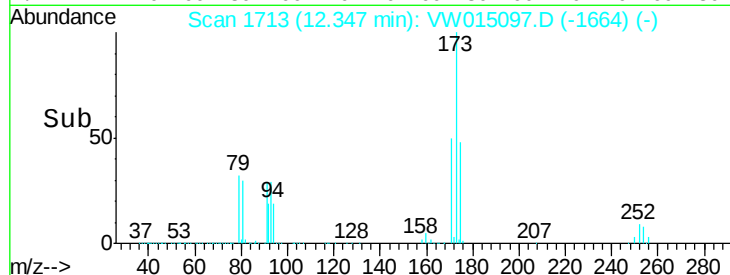
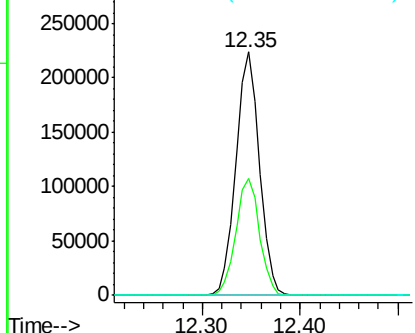
#71
Bromoform
Concen: 150.27 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:173 Resp: 373131
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.4
254 0.2 0.1 0.1#

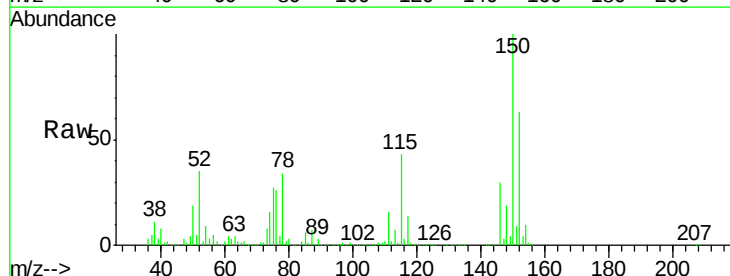


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

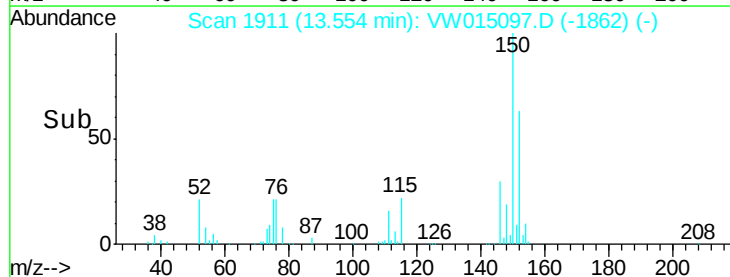
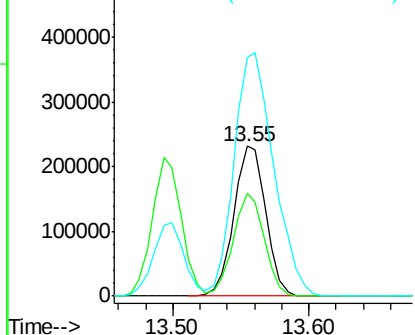


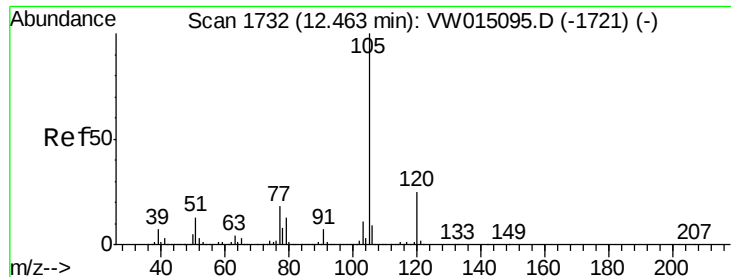
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion:152 Resp: 375468
Ion Ratio Lower Upper
152 100
115 66.8 33.3 99.9
150 203.1 0.0 351.2



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





#73

Isopropylbenzene

Concen: 155.93 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

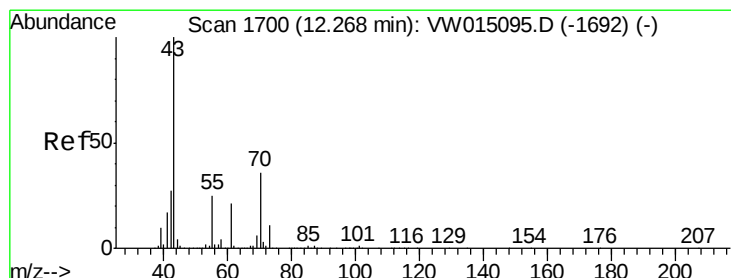
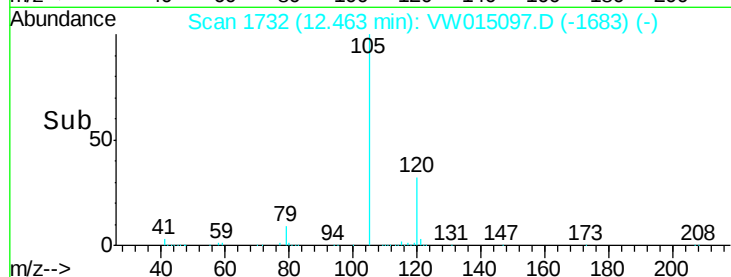
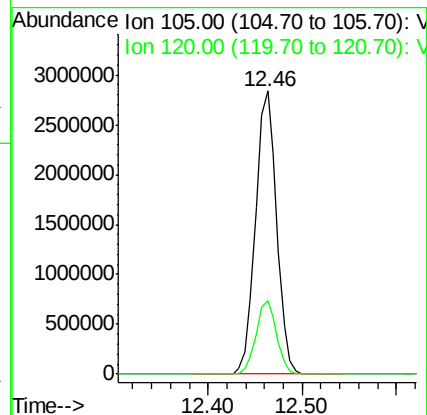
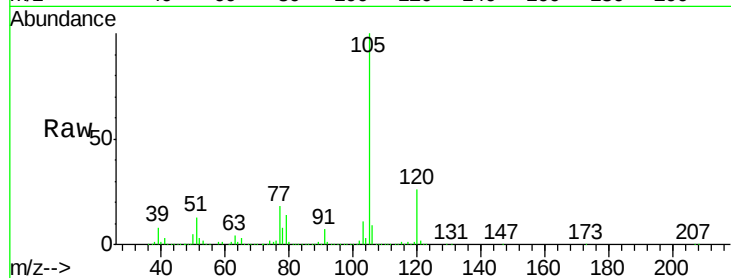
VSTDIC150

Tgt Ion:105 Resp: 4472287

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 173.29 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Tgt Ion: 43 Resp: 1468826

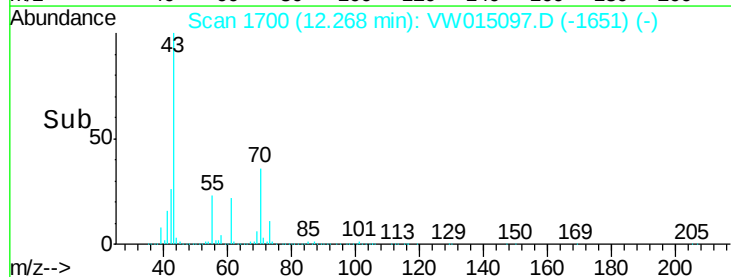
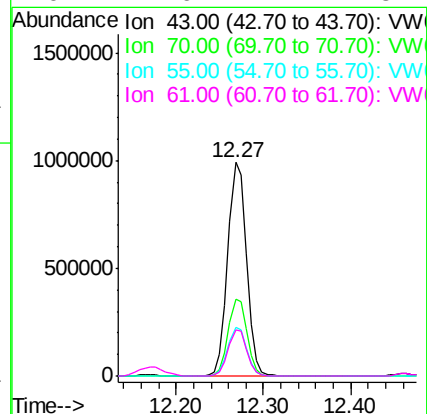
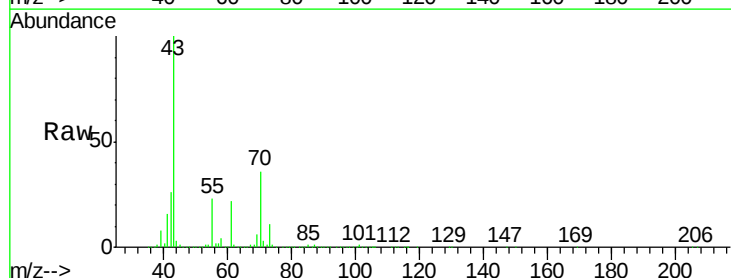
Ion Ratio Lower Upper

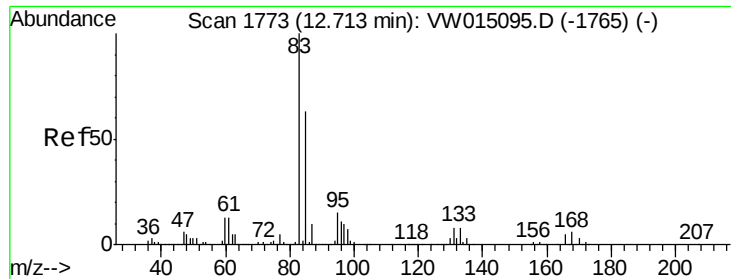
43 100

70 36.4 29.4 44.2

55 23.0 20.3 30.5

61 21.6 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 143.46 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

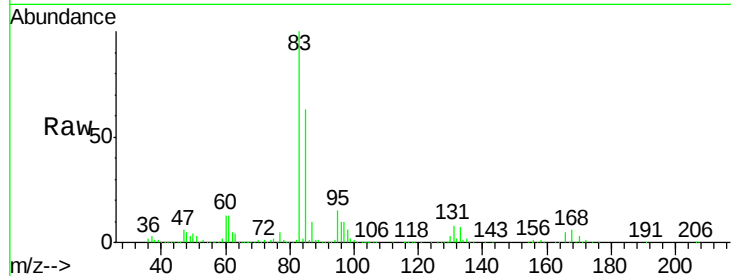
Tgt Ion: 83 Resp: 835496

Ion Ratio Lower Upper

83 100

131 8.5 4.3 13.1

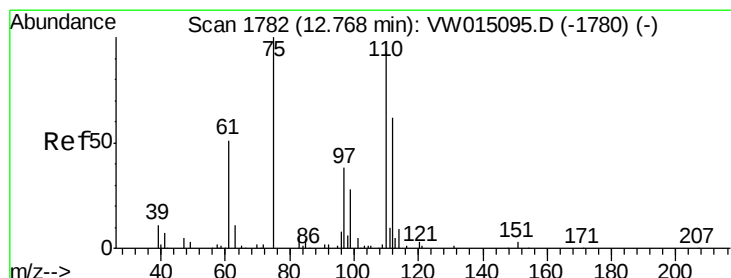
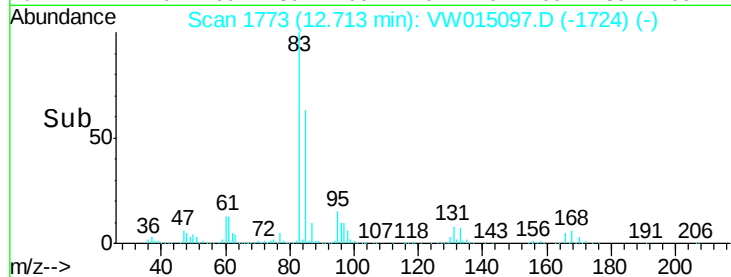
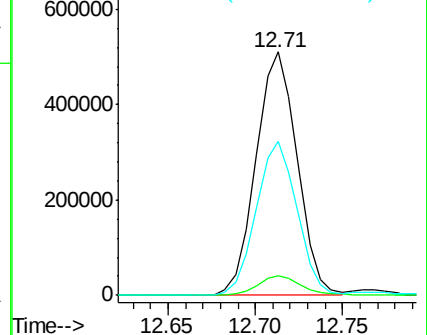
85 62.7 31.5 94.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 165.22 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW015097.D

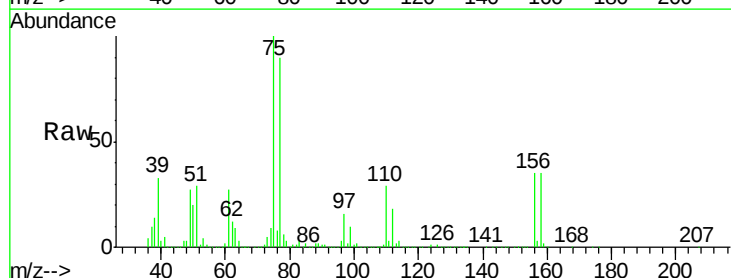
Acq: 09 Mar 2020 12:47

Tgt Ion: 75 Resp: 1149675

Ion Ratio Lower Upper

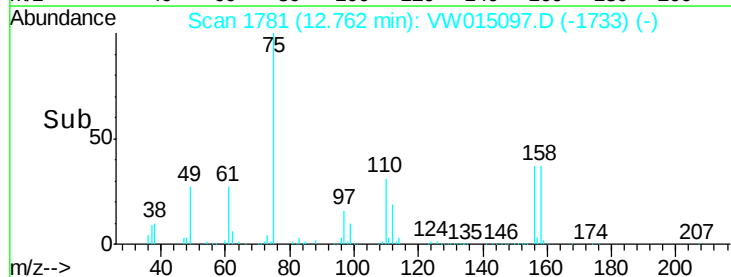
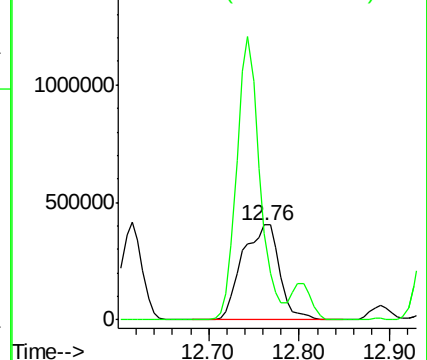
75 100

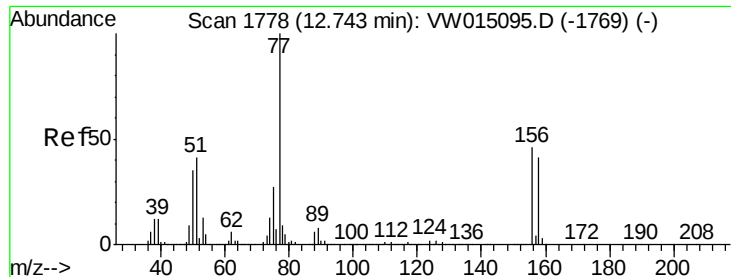
77 187.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 145.64 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

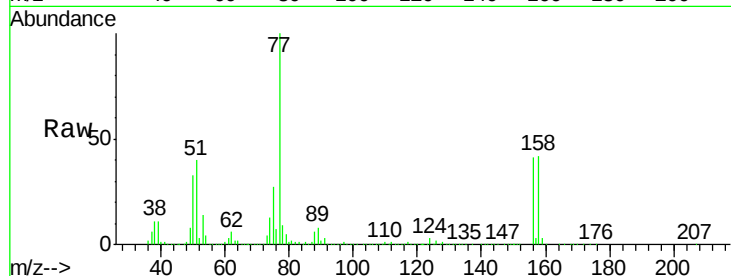
Tgt Ion:156 Resp: 825608

Ion Ratio Lower Upper

156 100

77 261.3 126.6 379.8

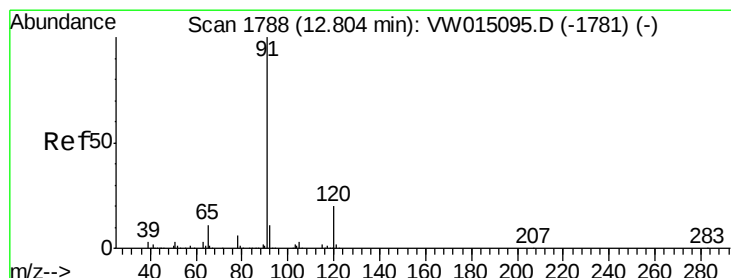
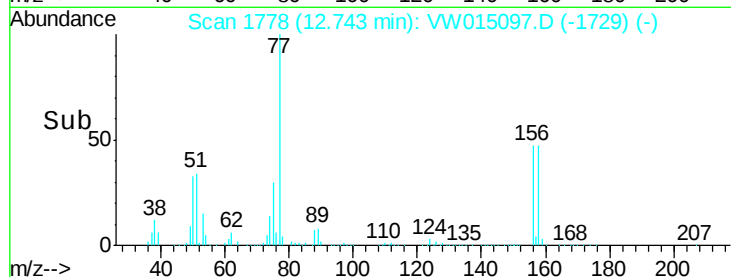
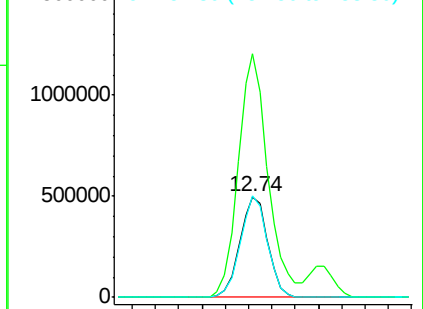
158 98.0 47.4 142.2



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: 152.86 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015097.D

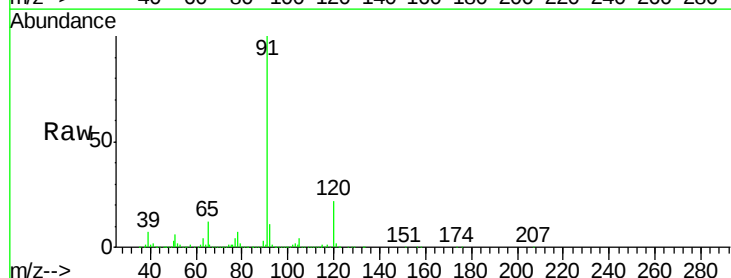
Acq: 09 Mar 2020 12:47

Tgt Ion: 91 Resp: 5697825

Ion Ratio Lower Upper

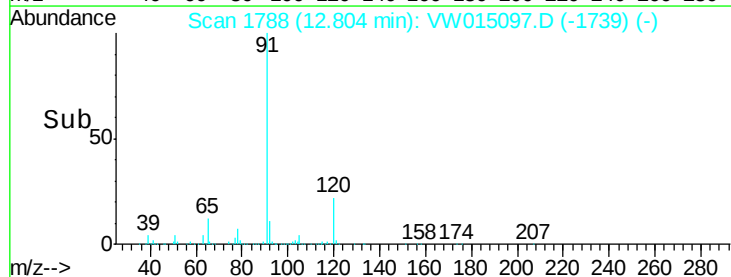
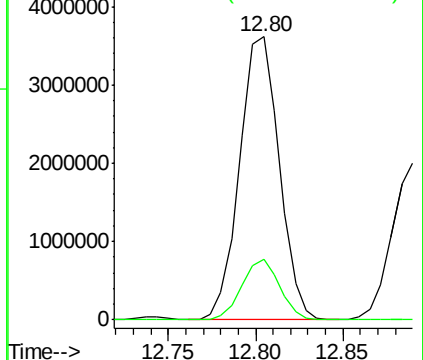
91 100

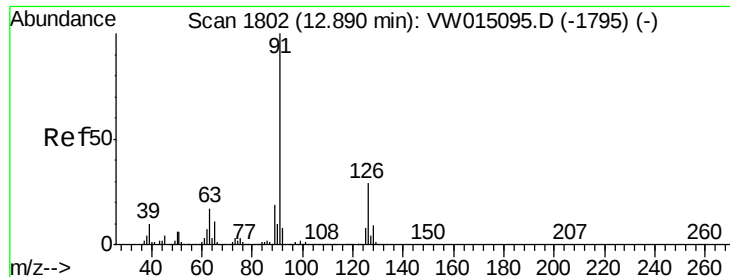
120 20.5 10.2 30.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 151.36 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

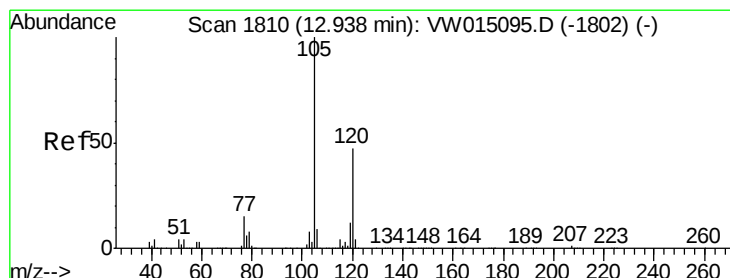
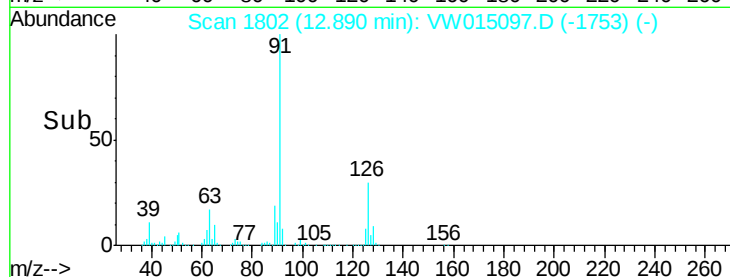
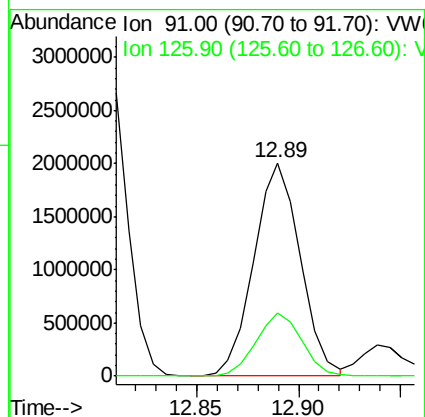
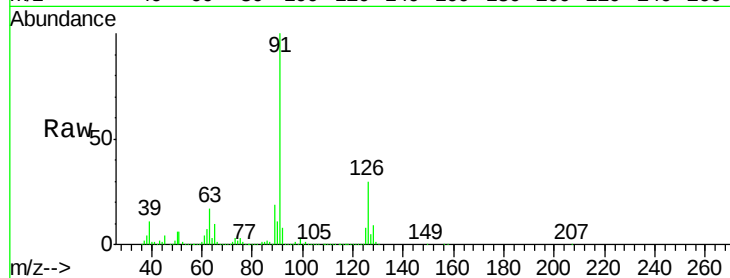
VSTDIC150

Tgt Ion: 91 Resp: 3172091

Ion Ratio Lower Upper

91 100

126 29.4 14.5 43.6



#80

1,3,5-Trimethylbenzene

Concen: 153.38 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW015097.D

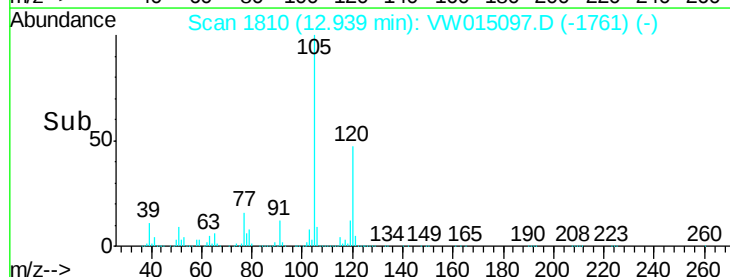
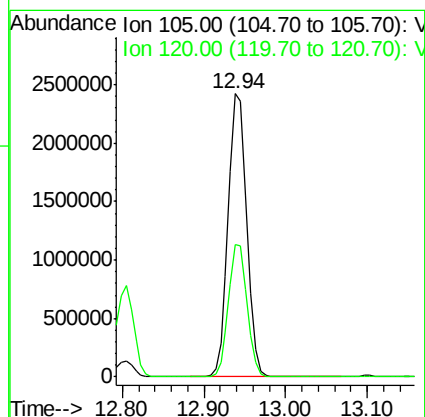
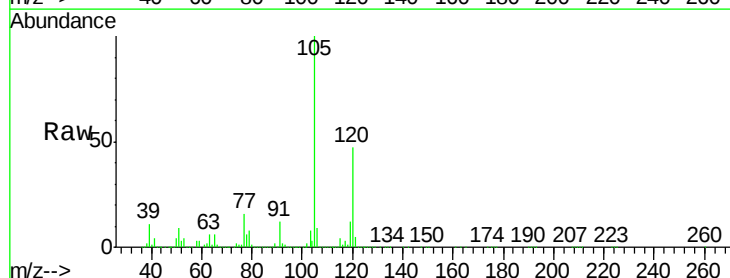
Acq: 09 Mar 2020 12:47

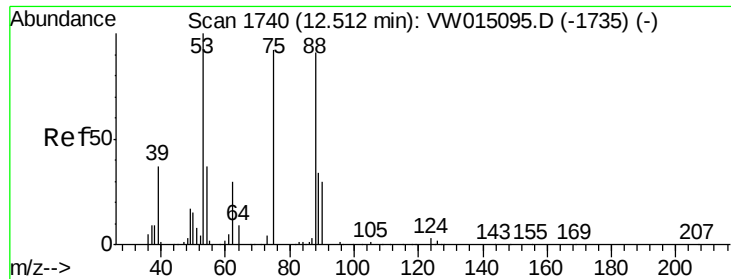
Tgt Ion: 105 Resp: 3782369

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 161.12 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

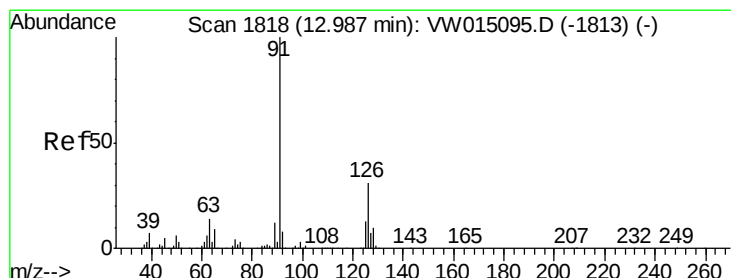
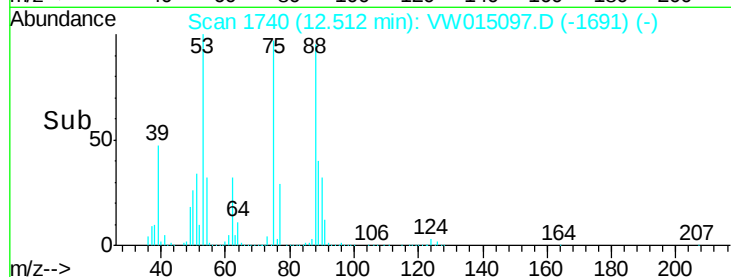
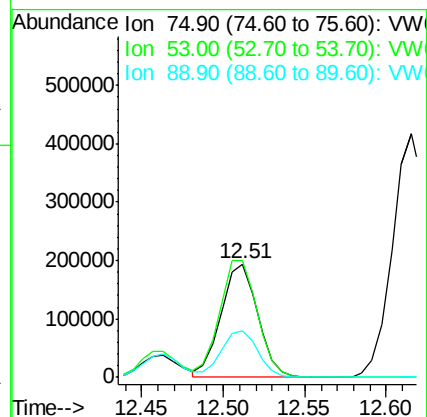
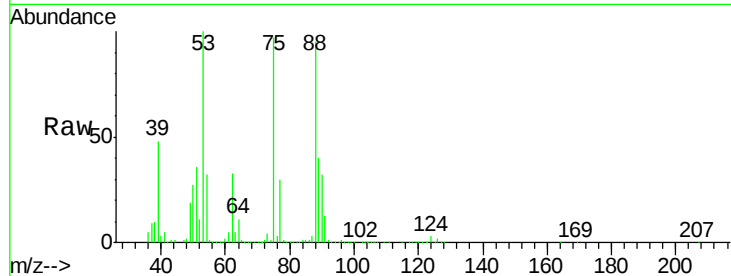
Tgt Ion: 75 Resp: 302704

Ion Ratio Lower Upper

75 100

53 106.9 88.4 132.6

89 42.3 33.1 49.7



#82

4-Chlorotoluene

Concen: 148.95 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015097.D

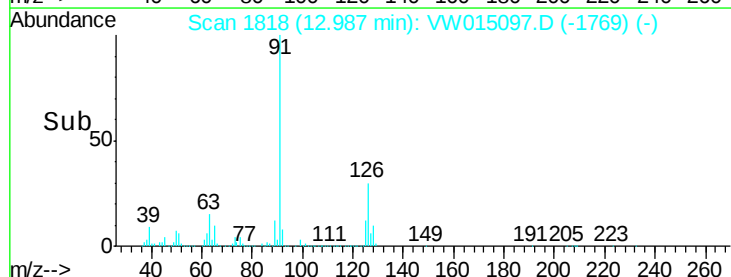
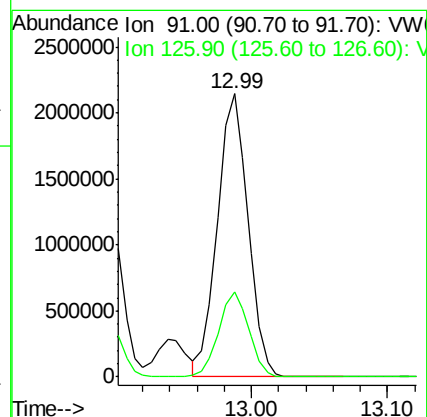
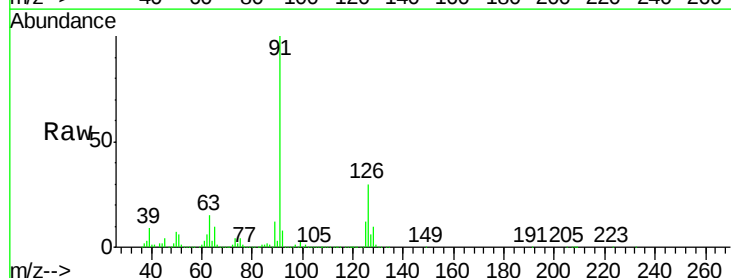
Acq: 09 Mar 2020 12:47

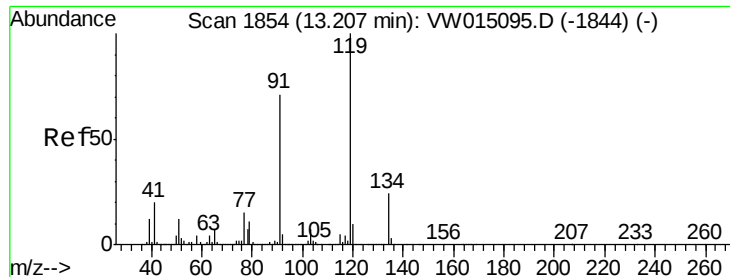
Tgt Ion: 91 Resp: 3324313

Ion Ratio Lower Upper

91 100

126 29.6 14.8 44.4





#83

tert-Butylbenzene

Concen: 158.92 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

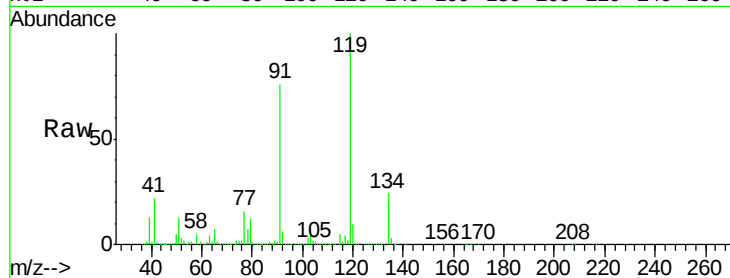
Tgt Ion:119 Resp: 3175002

Ion Ratio Lower Upper

119 100

91 72.6 35.7 107.1

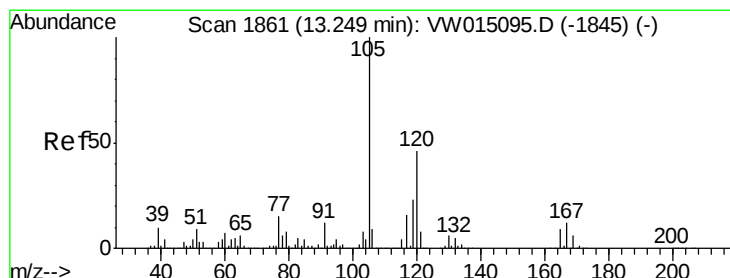
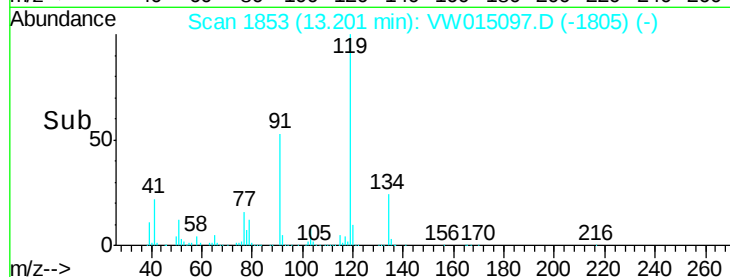
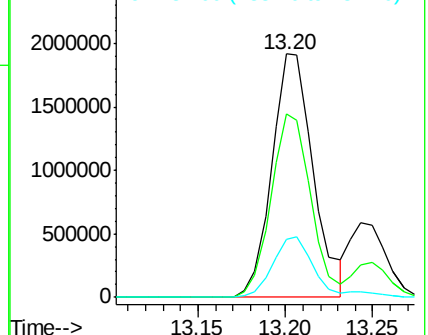
134 25.6 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 154.13 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW015097.D

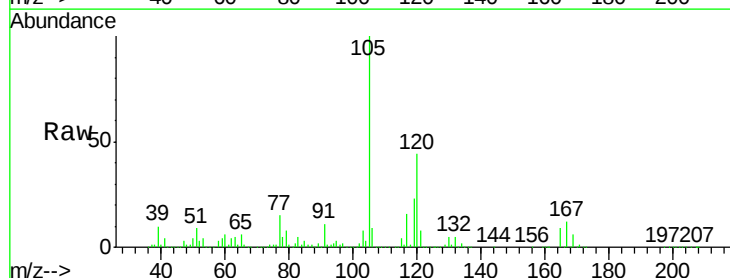
Acq: 09 Mar 2020 12:47

Tgt Ion:105 Resp: 3800572

Ion Ratio Lower Upper

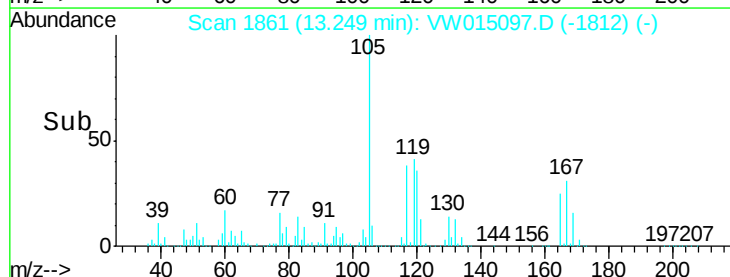
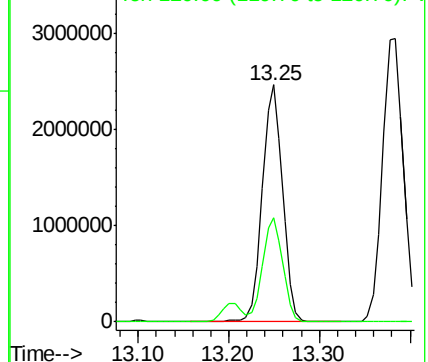
105 100

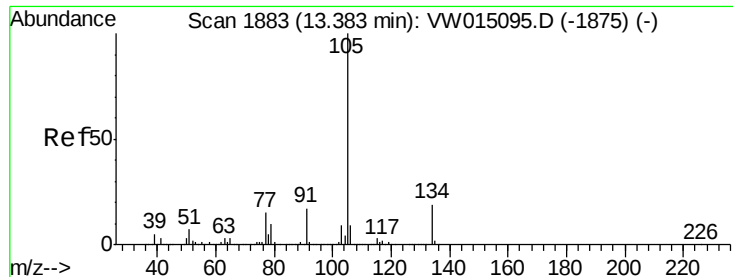
120 43.7 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

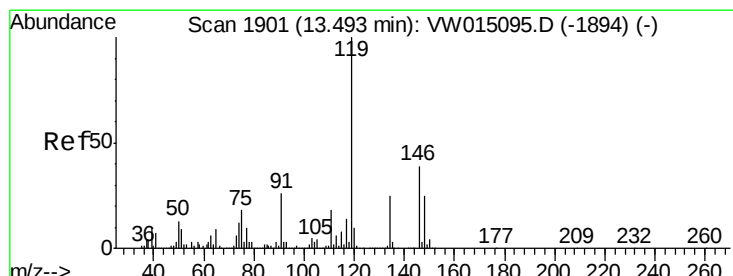
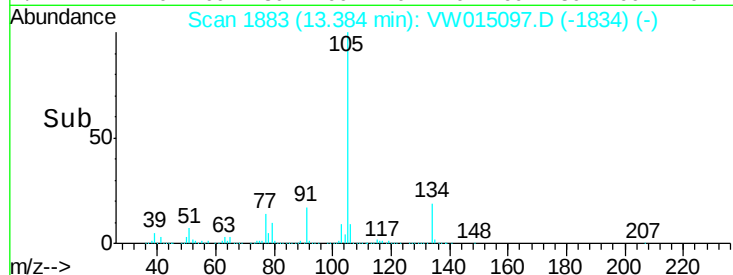
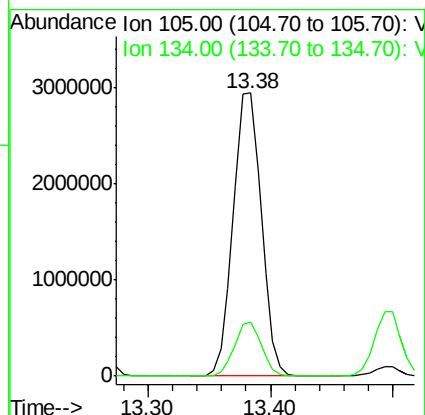
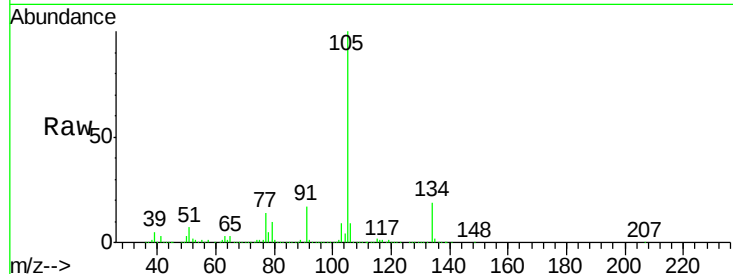




#85
 sec-Butylbenzene
 Concen: 154.71 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

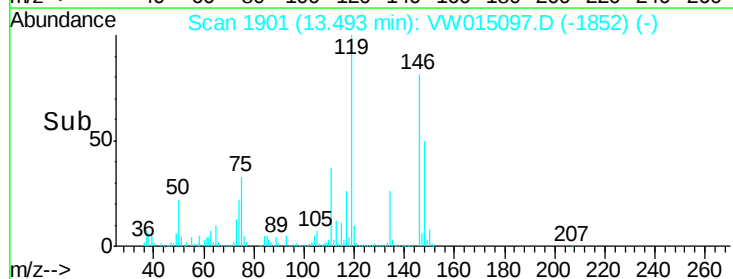
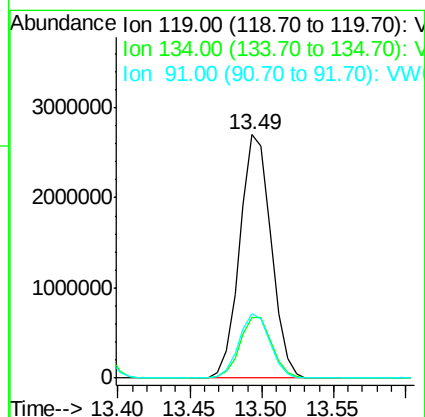
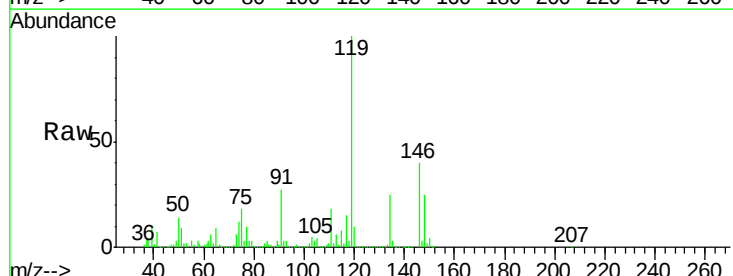
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

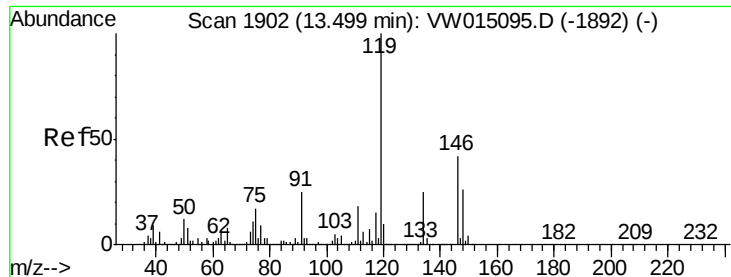
Tgt Ion:105 Resp: 4677737
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 157.20 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Tgt Ion:119 Resp: 4085628
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 26.2 12.9 38.6

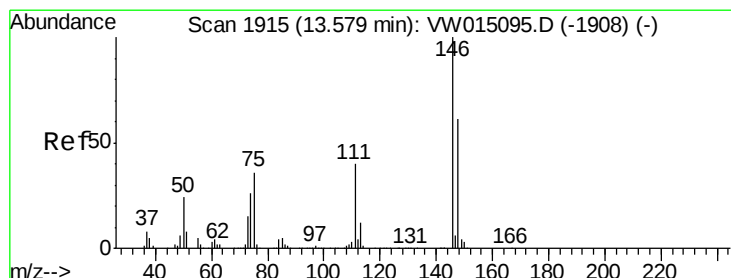
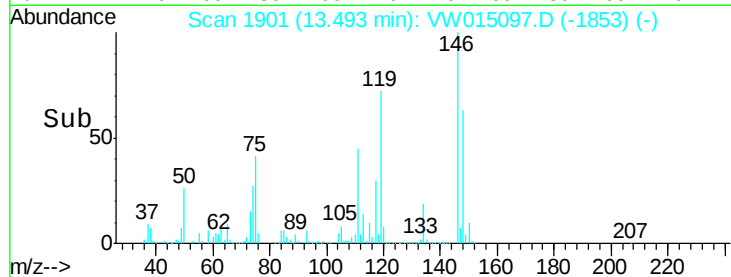
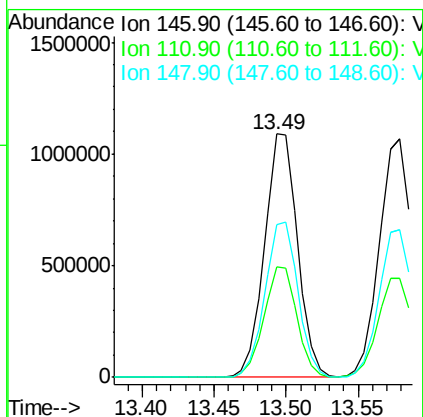
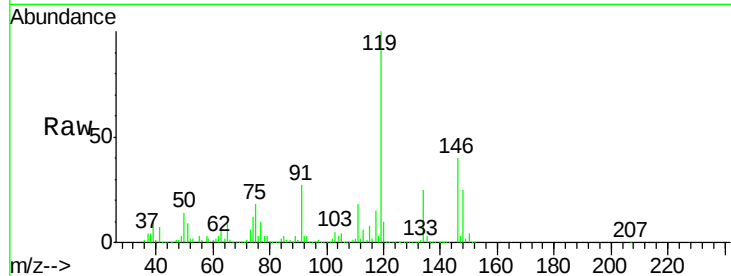




#87
 1,3-Dichlorobenzene
 Concen: 144.04 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

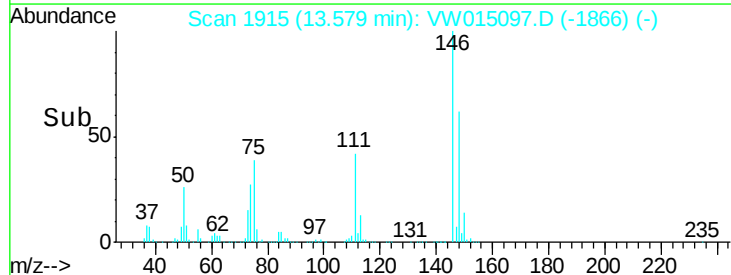
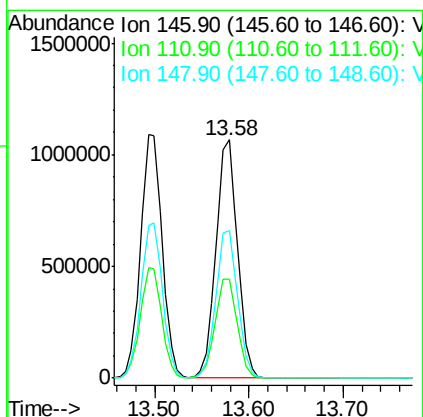
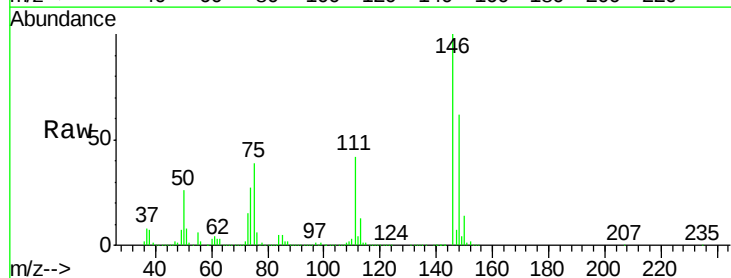
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

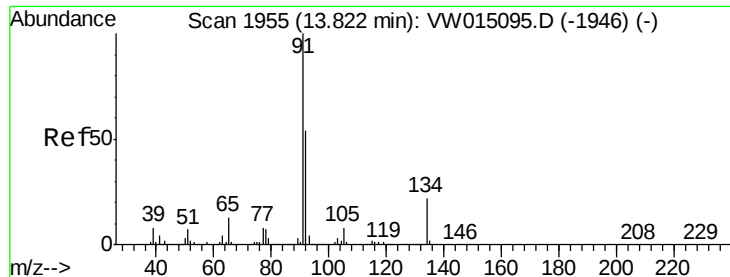
Tgt Ion:146 Resp: 1730097
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.5 67.5
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 142.66 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Tgt Ion:146 Resp: 1687233
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.9
 148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 157.63 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

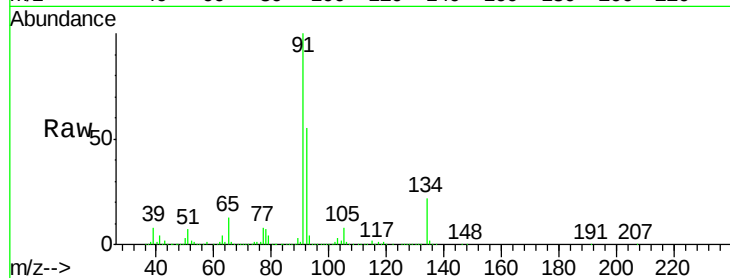
Tgt Ion: 91 Resp: 4418188

Ion Ratio Lower Upper

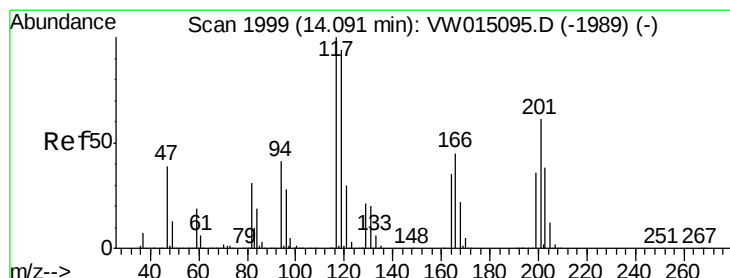
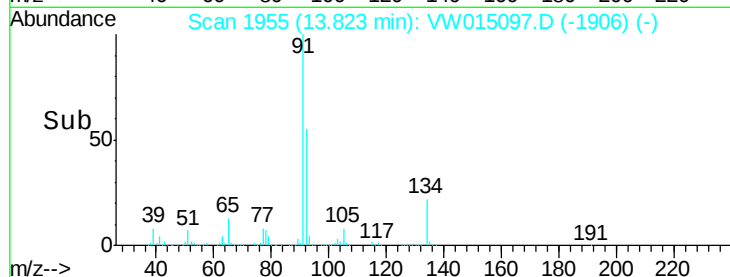
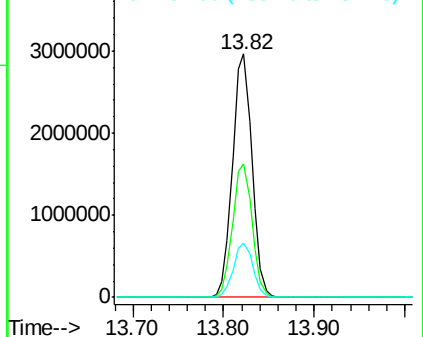
91 100

92 54.7 26.8 80.3

134 22.1 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 150.14 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015097.D

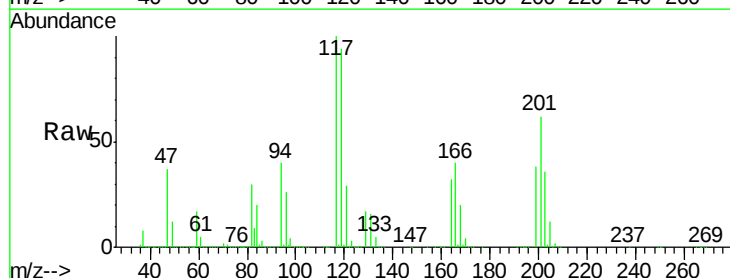
Acq: 09 Mar 2020 12:47

Tgt Ion: 117 Resp: 782575

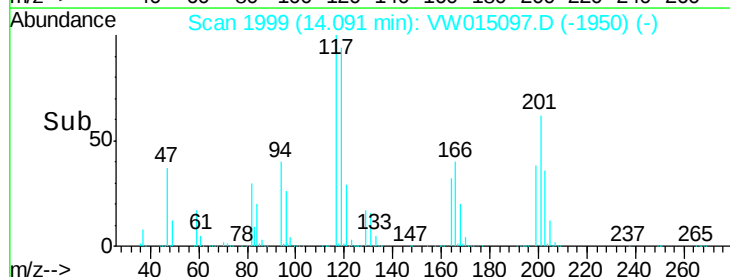
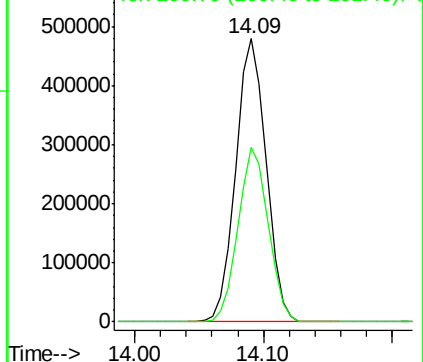
Ion Ratio Lower Upper

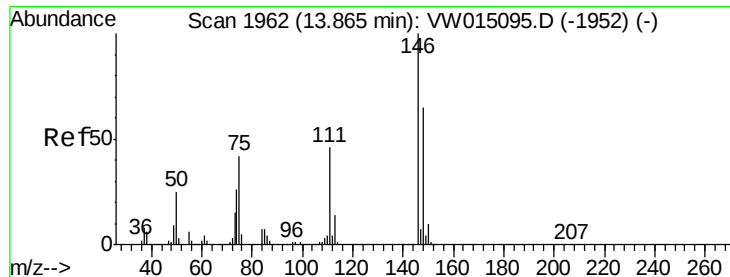
117 100

201 61.2 30.3 90.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 144.95 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

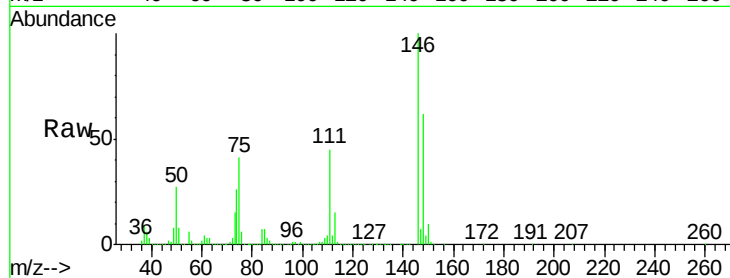
Tgt Ion:146 Resp: 1524887

Ion Ratio Lower Upper

146 100

111 45.5 23.1 69.2

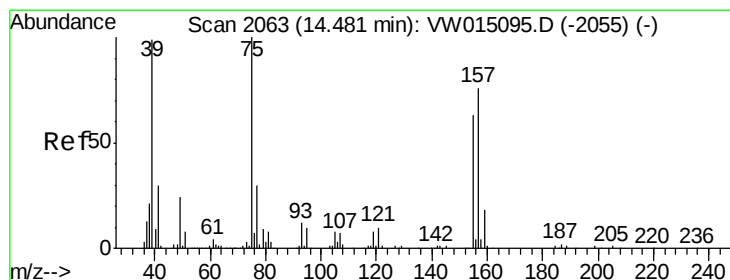
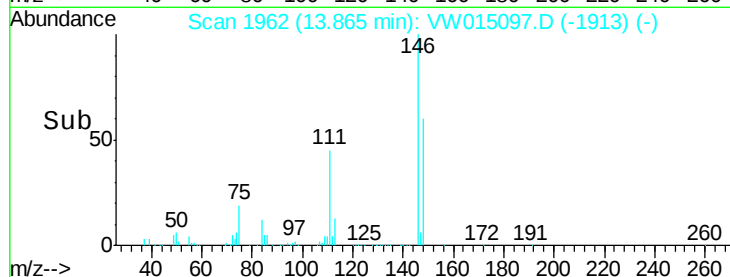
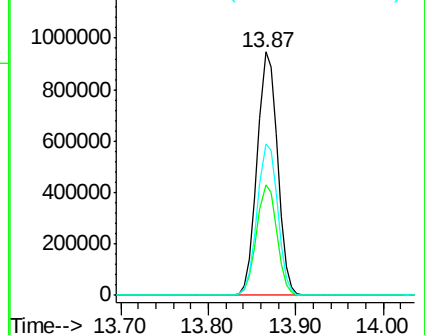
148 63.0 32.3 96.9



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: 150.72 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW015097.D

Acq: 09 Mar 2020 12:47

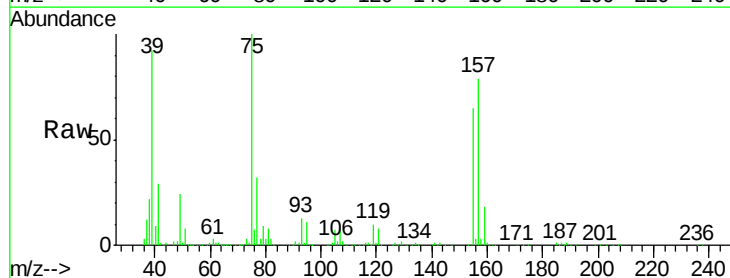
Tgt Ion: 75 Resp: 140956

Ion Ratio Lower Upper

75 100

155 62.4 32.1 96.3

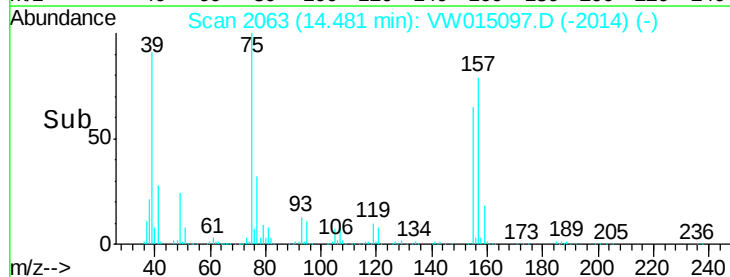
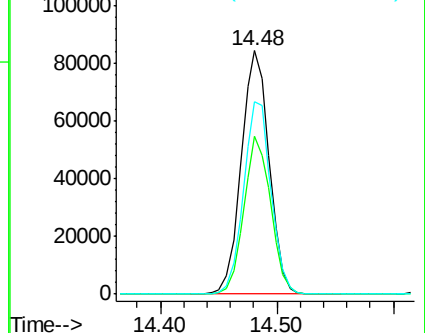
157 78.0 39.6 118.7

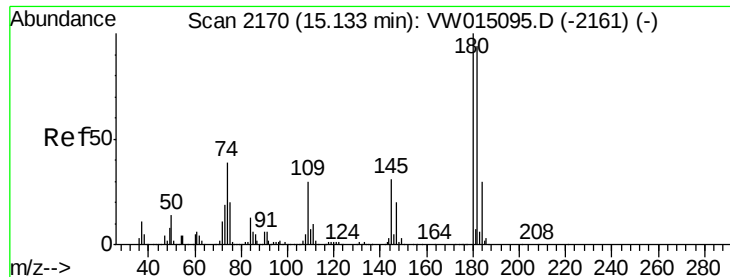


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

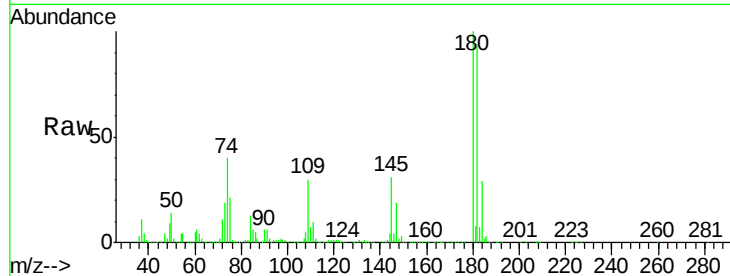




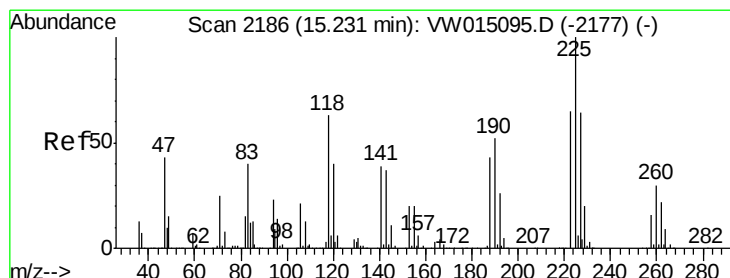
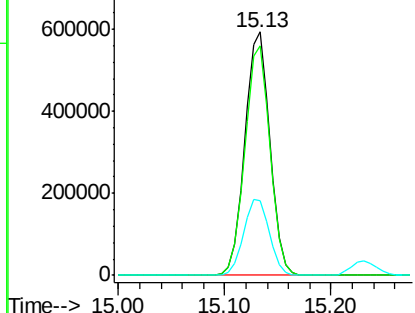
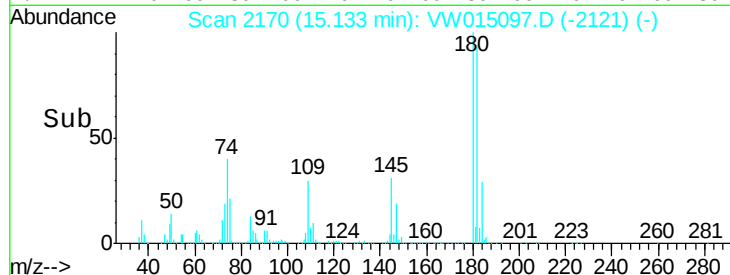
#93
 1,2,4-Trichlorobenzene
 Concen: 162.67 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 979242
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.9
 145 32.4 16.2 48.5

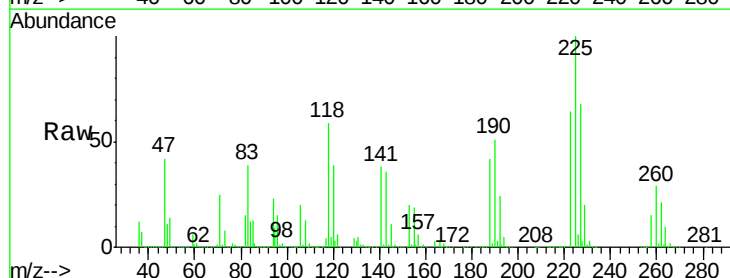


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

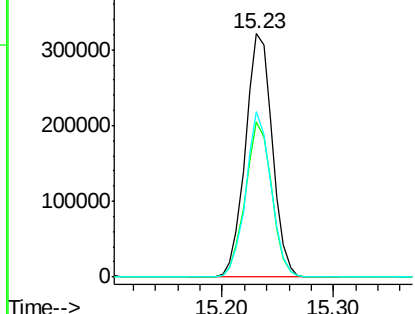
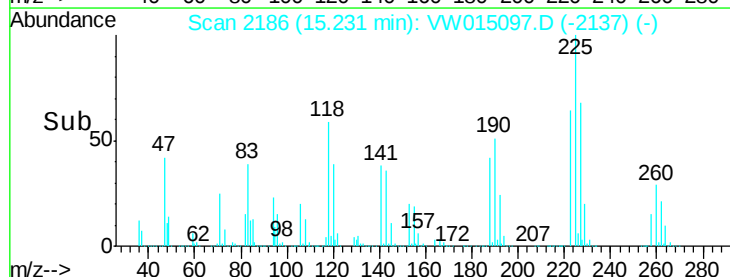


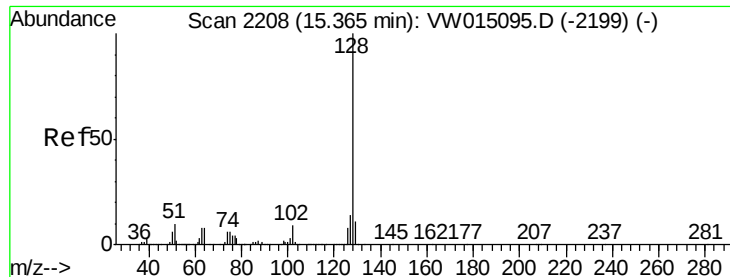
#94
 Hexachlorobutadiene
 Concen: 142.22 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW015097.D
 Acq: 09 Mar 2020 12:47

Tgt Ion:225 Resp: 537527
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.5 97.4
 227 63.7 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

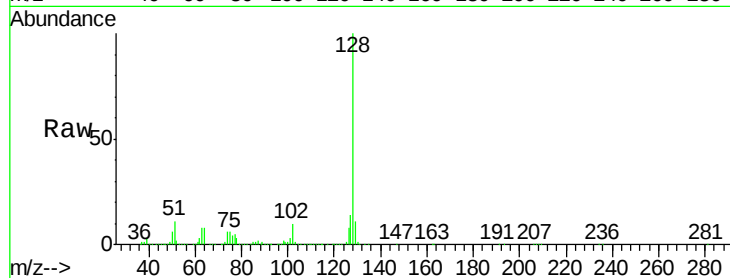




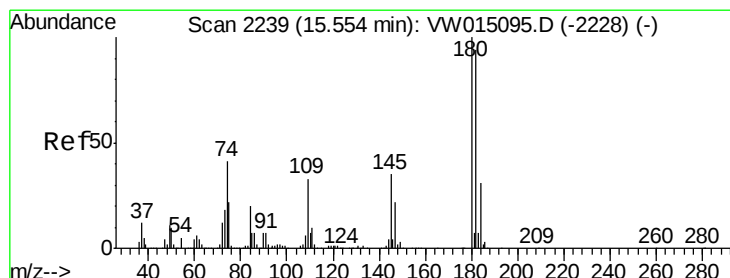
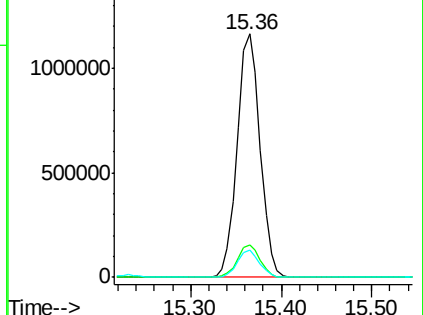
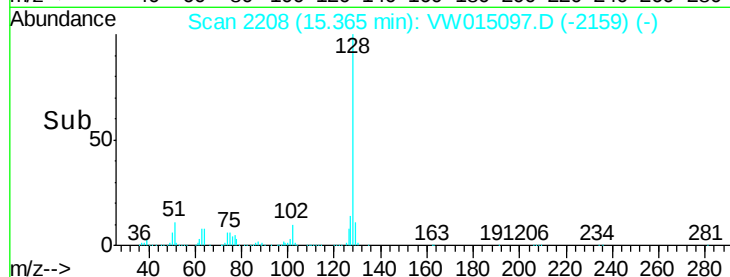
#95
Naphthalene
Concen: 181.34 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2038432
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.7 8.6 12.8

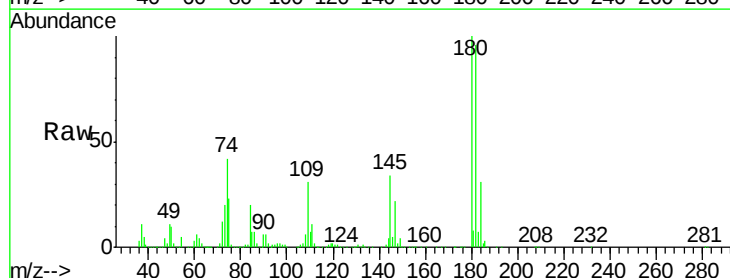


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 159.08 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015097.D
Acq: 09 Mar 2020 12:47

Tgt Ion:180 Resp: 849380
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.7
145 34.5 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

