

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062320\
 Data File : VW015652.D
 Acq On : 23 Jun 2020 10:53
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 23 12:44:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 12:41:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	330398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149001	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	12679	5.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.92%	
35) Dibromofluoromethane	7.89	113	11415	5.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.66%	
50) Toluene-d8	10.33	98	42157	5.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.62%	
62) 4-Bromofluorobenzene	12.62	95	15550	5.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.80%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	4908	4.277 ug/l	97
3) Chloromethane	2.21	50	7547	5.405 ug/l	98
4) Vinyl Chloride	2.36	62	10871	4.959 ug/l	97
5) Bromomethane	2.78	94	8385	5.438 ug/l	99
6) Chloroethane	2.93	64	7220	5.087 ug/l	96
7) Trichlorofluoromethane	3.26	101	7444	4.521 ug/l	99
8) Diethyl Ether	3.68	74	4954	5.110 ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.07	101	9811	4.963 ug/l	97
10) Methyl Iodide	4.27	142	14391	4.977 ug/l	99
11) Tert butyl alcohol	5.17	59	6075	37.723 ug/l #	93
12) 1,1-Dichloroethene	4.04	96	9391	4.789 ug/l	96
13) Acrolein	3.89	56	4132	31.234 ug/l	99
14) Allyl chloride	4.67	41	15344	4.664 ug/l	98
15) Acrylonitrile	5.38	53	10273	26.097 ug/l	98
16) Acetone	4.12	43	11051	25.664 ug/l	95
17) Carbon Disulfide	4.38	76	25562	4.372 ug/l	99
18) Methyl Acetate	4.67	43	6683	7.155 ug/l	99
19) Methyl tert-butyl Ether	5.43	73	15328	5.172 ug/l	100
20) Methylene Chloride	4.92	84	14183	6.360 ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	11448	5.190 ug/l	87
22) Diisopropyl ether	6.32	45	30981	4.962 ug/l	90
23) Vinyl Acetate	6.26	43	82369	22.492 ug/l	99
24) 1,1-Dichloroethane	6.22	63	20383	5.178 ug/l	98
25) 2-Butanone	7.18	43	15745	28.421 ug/l	98
26) 2,2-Dichloropropane	7.16	77	15043	5.446 ug/l	92
27) cis-1,2-Dichloroethene	7.18	96	11810	4.923 ug/l	92
28) Bromochloromethane	7.51	49	8326	5.642 ug/l	99
29) Tetrahydrofuran	7.54	42	8557	25.886 ug/l	98
30) Chloroform	7.68	83	21215	5.338 ug/l	98
31) Cyclohexane	7.96	56	21270	5.476 ug/l #	80
32) 1,1,1-Trichloroethane	7.88	97	17400	5.050 ug/l	97
36) 1,1-Dichloropropene	8.09	75	15849	4.685 ug/l	99
37) Ethyl Acetate	7.26	43	6873	5.392 ug/l	99
38) Carbon Tetrachloride	8.07	117	15249	4.628 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062320\
 Data File : VW015652.D
 Acq On : 23 Jun 2020 10:53
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 23 12:44:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 12:41:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	17752	4.258	ug/l	98
40) Benzene	8.33	78	44512	4.893	ug/l	96
41) Methacrylonitrile	7.49	41	3356	4.650	ug/l	97
42) 1,2-Dichloroethane	8.40	62	14110	5.109	ug/l	100
43) Isopropyl Acetate	8.43	43	12334	4.876	ug/l	100
44) Trichloroethene	9.10	130	12060	4.950	ug/l	98
45) 1,2-Dichloropropane	9.37	63	11233	5.086	ug/l	98
46) Dibromomethane	9.46	93	5834	5.208	ug/l	100
47) Bromodichloromethane	9.65	83	14348	4.723	ug/l	98
48) Methyl methacrylate	9.44	41	5422	4.677	ug/l	93
49) 1,4-Dioxane	9.45	88	1417	96.038	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	29726	24.724	ug/l	97
52) Toluene	10.39	92	27900	4.750	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	13113	4.415	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	15631	4.431	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	7939	5.078	ug/l	95
56) Ethyl methacrylate	10.65	69	8820	4.371	ug/l	95
57) 1,3-Dichloropropane	10.93	76	14222	5.134	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	20317	21.059	ug/l	98
59) 2-Hexanone	10.97	43	19251	23.292	ug/l	98
60) Dibromochloromethane	11.13	129	8307	4.367	ug/l	97
61) 1,2-Dibromoethane	11.24	107	7484	5.009	ug/l	98
64) Tetrachloroethene	10.87	164	10545	5.123	ug/l	98
65) Chlorobenzene	11.66	112	30844	4.976	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	10137	4.586	ug/l	96
67) Ethyl Benzene	11.73	91	54101	4.635	ug/l	99
68) m/p-Xylenes	11.84	106	39609	9.088	ug/l	94
69) o-Xylene	12.16	106	18157	4.488	ug/l	97
70) Styrene	12.18	104	30076	4.353	ug/l	99
71) Bromoform	12.35	173	4197	4.020	ug/l #	94
73) Isopropylbenzene	12.47	105	51004	4.466	ug/l	100
74) N-amyl acetate	12.27	43	11082	4.622	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	8928	5.148	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	11130	8.873	ug/l	31
77) Bromobenzene	12.75	156	12358	5.014	ug/l	98
78) n-propylbenzene	12.80	91	62359	4.558	ug/l	100
79) 2-Chlorotoluene	12.90	91	35853	4.642	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	43126	4.469	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2082	3.674	ug/l #	85
82) 4-Chlorotoluene	12.99	91	38065	4.755	ug/l	99
83) tert-Butylbenzene	13.21	119	36026	4.395	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	43597	4.530	ug/l	98
85) sec-Butylbenzene	13.38	105	51460	4.419	ug/l	100
86) p-Isopropyltoluene	13.50	119	45709	4.303	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	24120	4.922	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	24934	5.150	ug/l	94
89) n-Butylbenzene	13.82	91	44396	4.338	ug/l	99
90) Hexachloroethane	14.10	117	8414	4.323	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	20631	4.847	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1304	4.408	ug/l	97

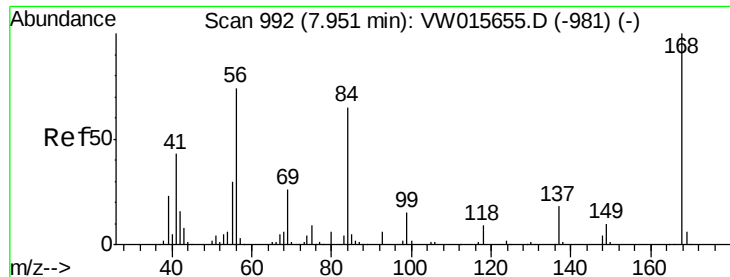
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062320\
Data File : VW015652.D
Acq On : 23 Jun 2020 10:53
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Jun 23 12:44:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 12:41:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	12938	4.413	ug/l	98
94) Hexachlorobutadiene	15.24	225	8398	4.651	ug/l	97
95) Naphthalene	15.37	128	18963	3.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	11364	4.632	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

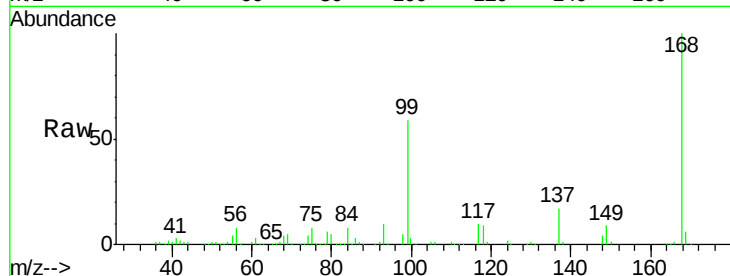
VSTDIC005

Tgt Ion:168 Resp: 202155

Ion Ratio Lower Upper

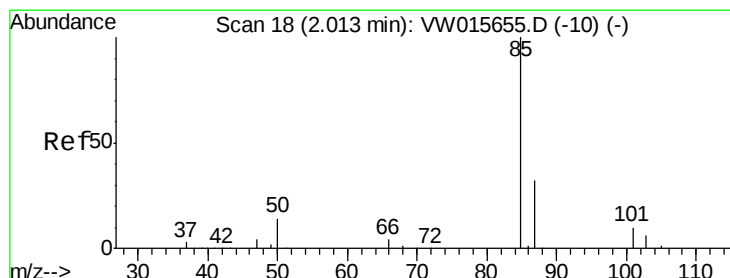
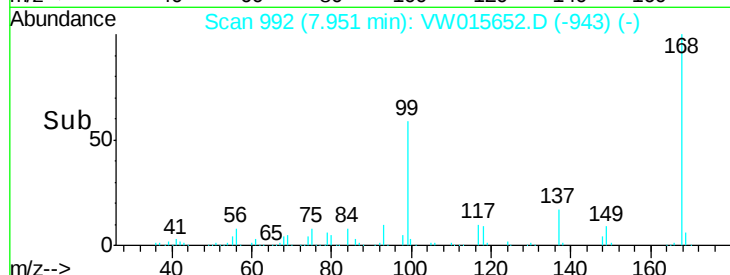
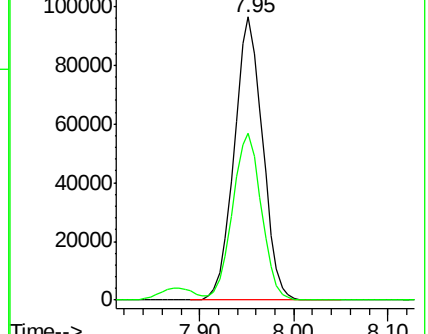
168 100

99 58.8 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 4.277 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015652.D

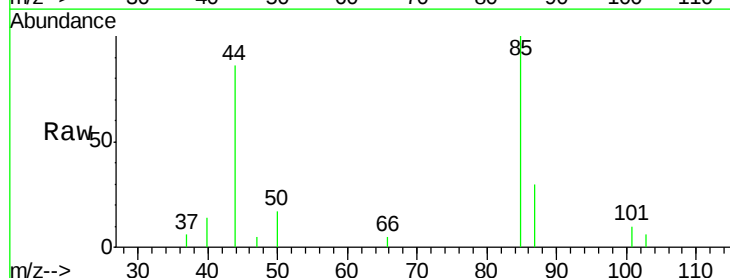
Acq: 23 Jun 2020 10:53

Tgt Ion: 85 Resp: 4908

Ion Ratio Lower Upper

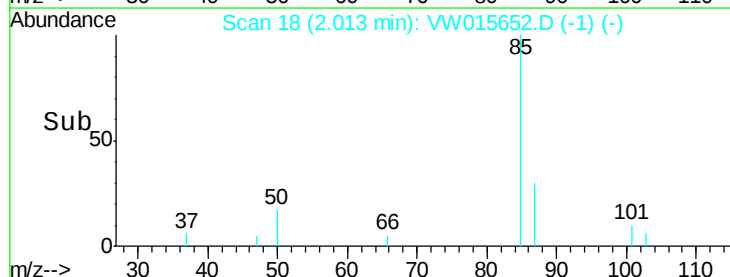
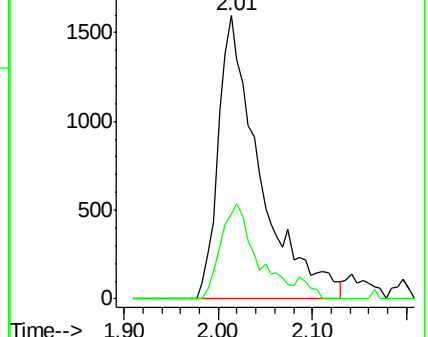
85 100

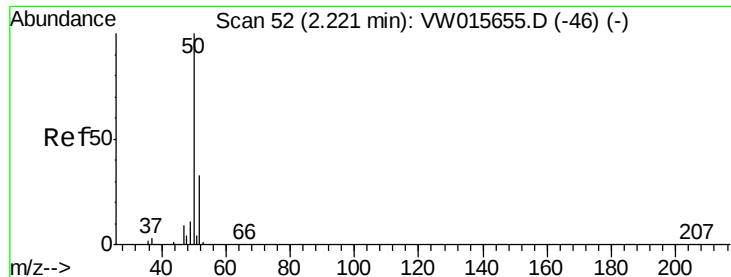
87 30.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 5.405 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

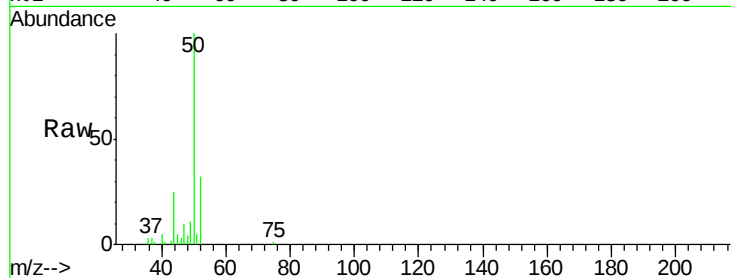
VSTDIC005

Tgt Ion: 50 Resp: 7547

Ion Ratio Lower Upper

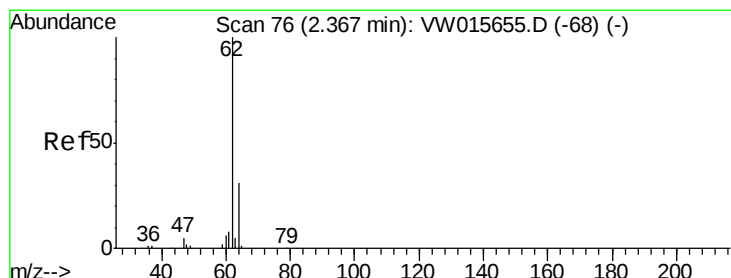
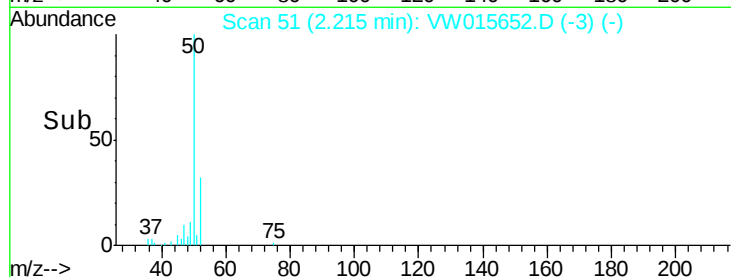
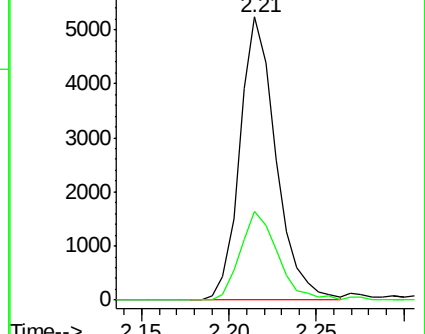
50 100

52 31.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 4.959 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015652.D

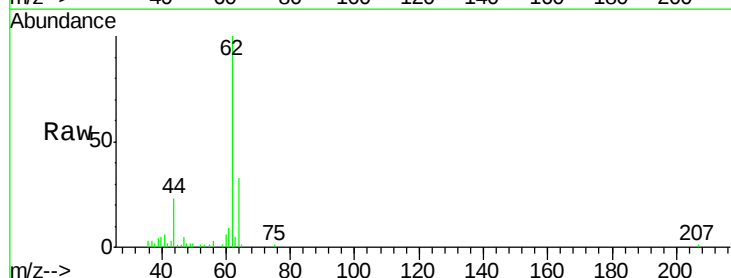
Acq: 23 Jun 2020 10:53

Tgt Ion: 62 Resp: 10871

Ion Ratio Lower Upper

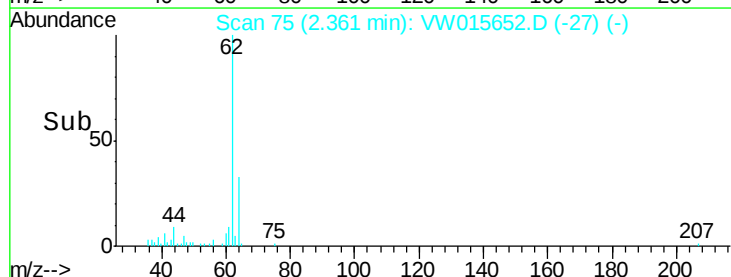
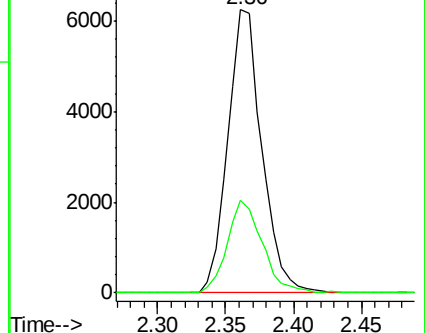
62 100

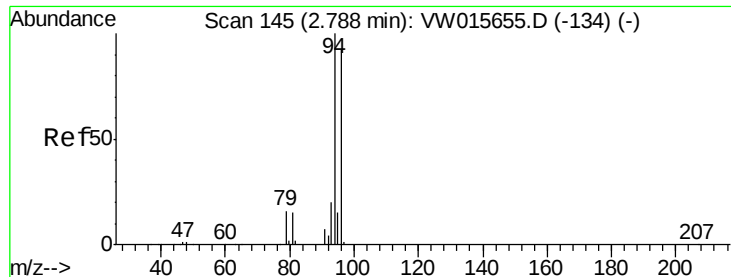
64 32.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 5.438 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

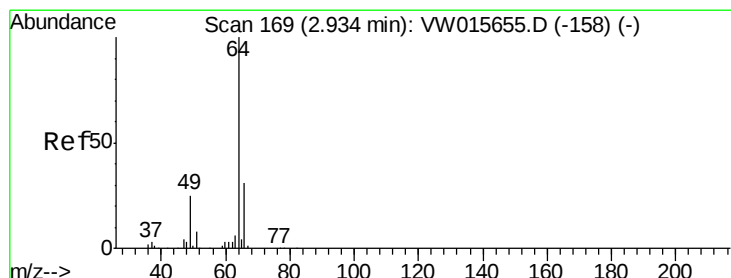
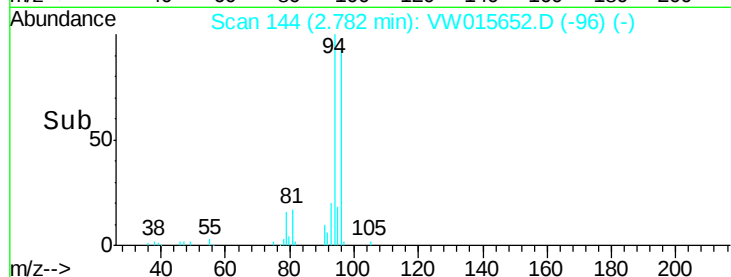
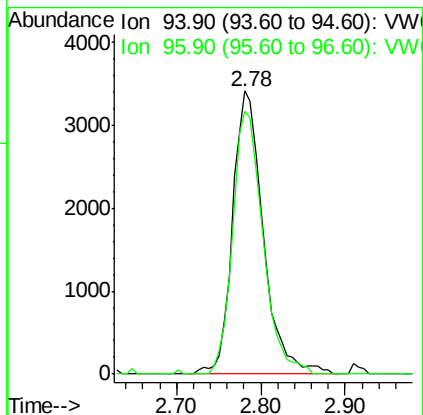
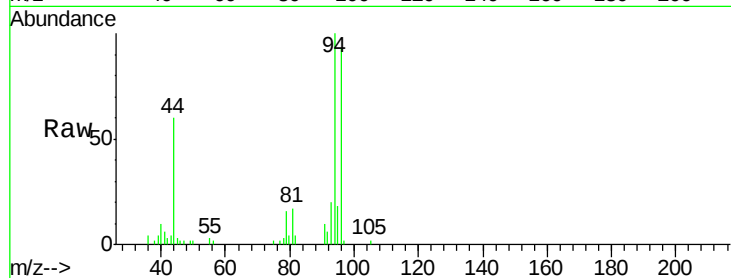
VSTDIC005

Tgt Ion: 94 Resp: 8385

Ion Ratio Lower Upper

94 100

96 93.0 73.8 110.6



#6

Chloroethane

Concen: 5.087 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015652.D

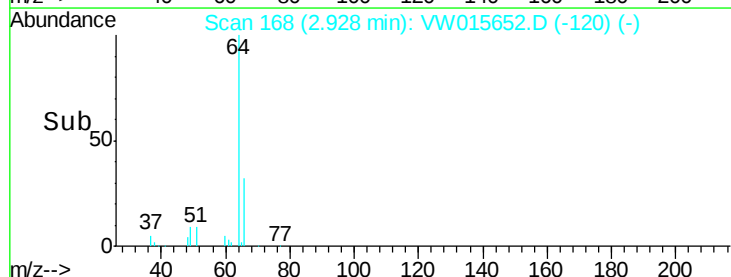
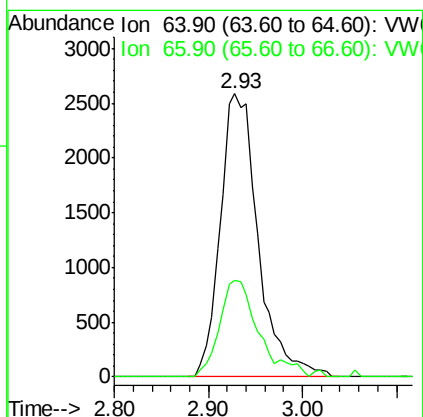
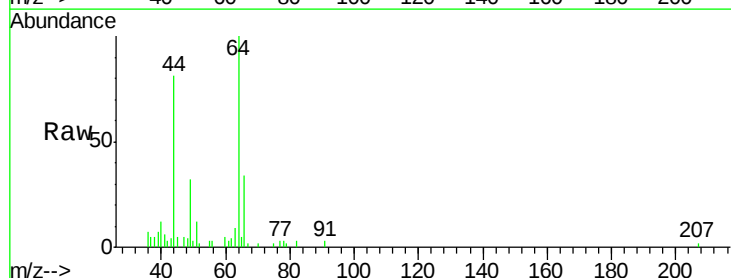
Acq: 23 Jun 2020 10:53

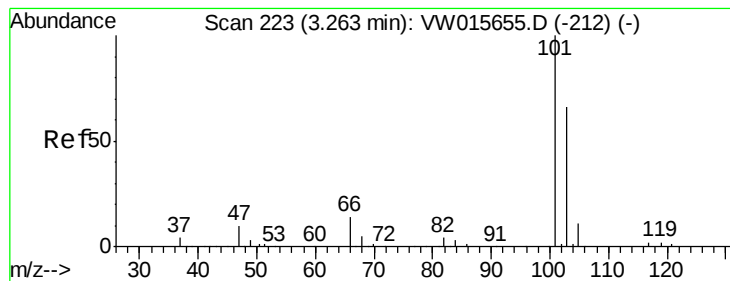
Tgt Ion: 64 Resp: 7220

Ion Ratio Lower Upper

64 100

66 34.0 25.3 37.9



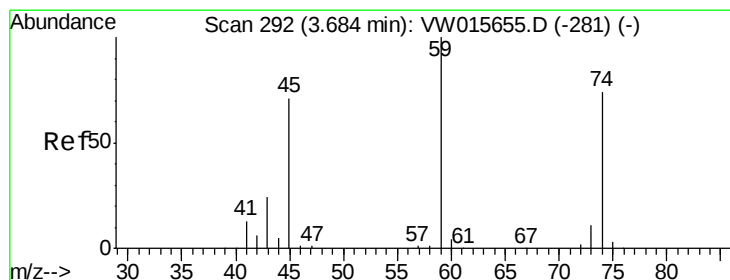
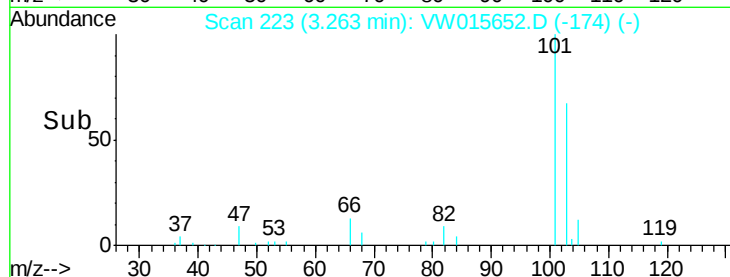
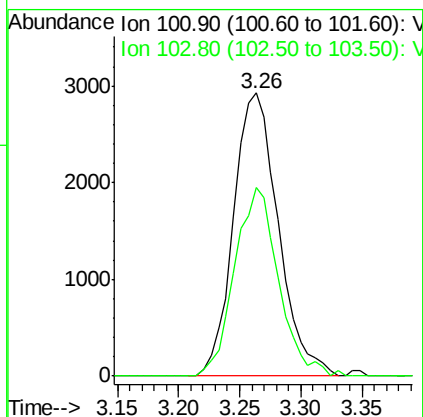
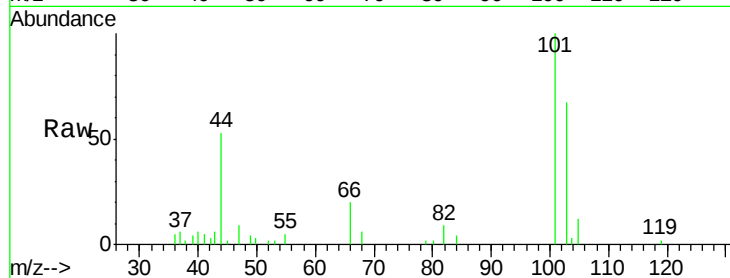


#7

Trichlorofluoromethane
 Concen: 4.521 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

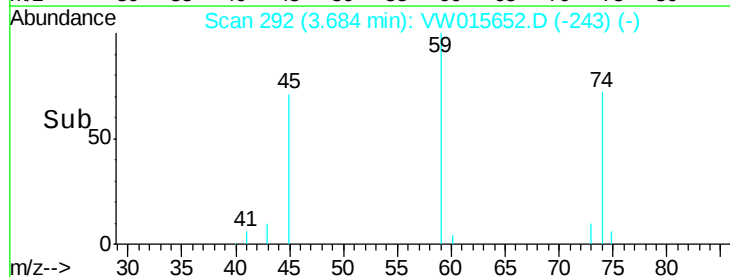
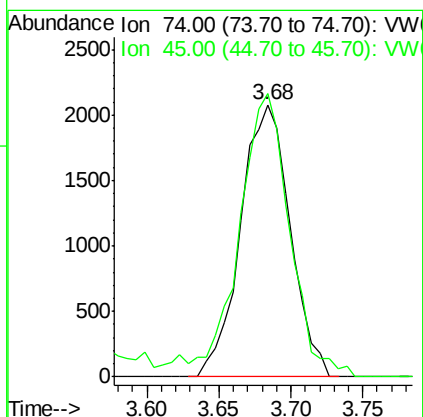
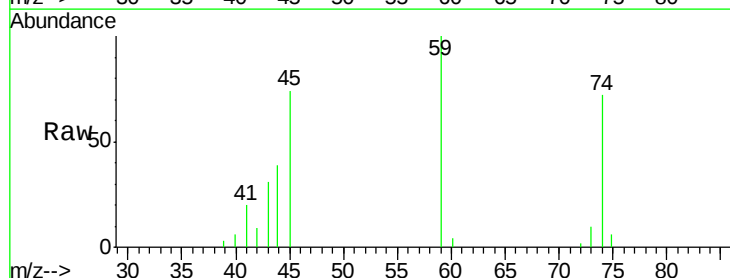
Tgt Ion: 101 Resp: 7444
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.6 78.8

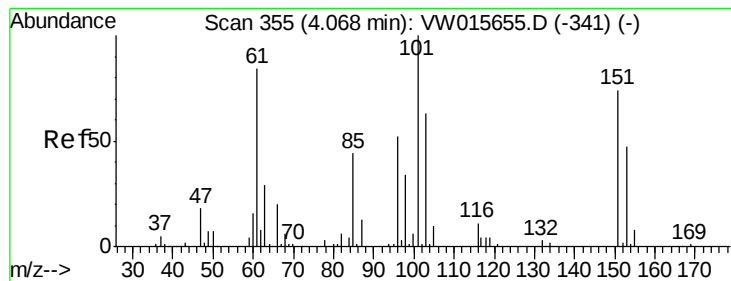


#8

Diethyl Ether
 Concen: 5.110 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 74 Resp: 4954
 Ion Ratio Lower Upper
 74 100
 45 105.5 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.963 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

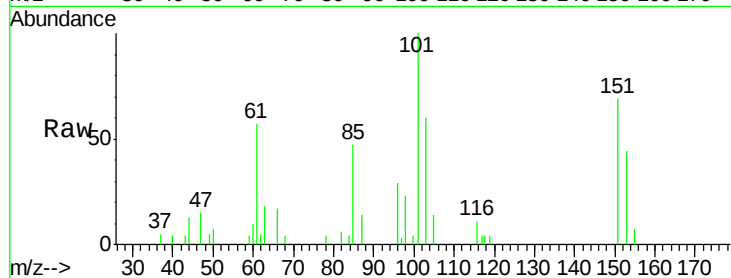
Tgt Ion:101 Resp: 9811

Ion Ratio Lower Upper

101 100

85 45.1 36.6 55.0

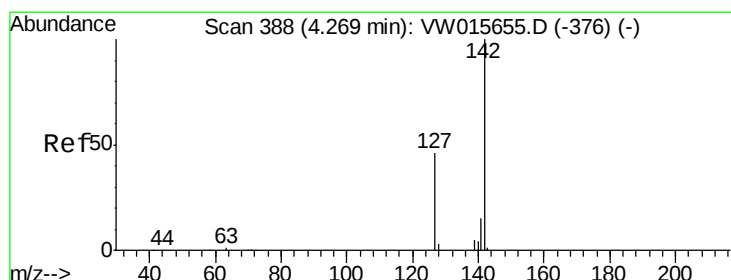
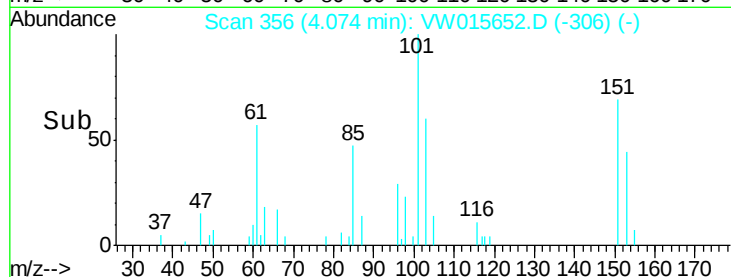
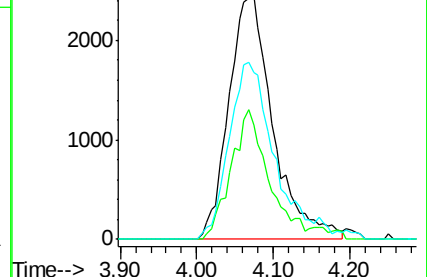
151 72.3 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.977 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

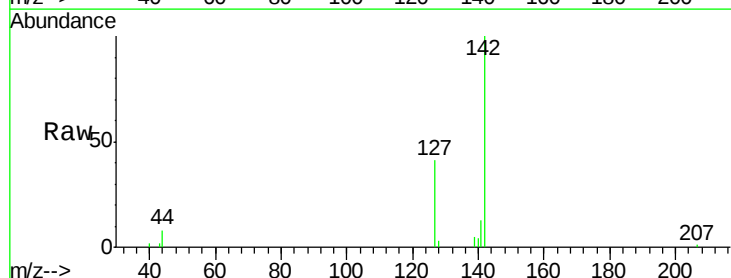
Tgt Ion:142 Resp: 14391

Ion Ratio Lower Upper

142 100

127 44.5 36.4 54.6

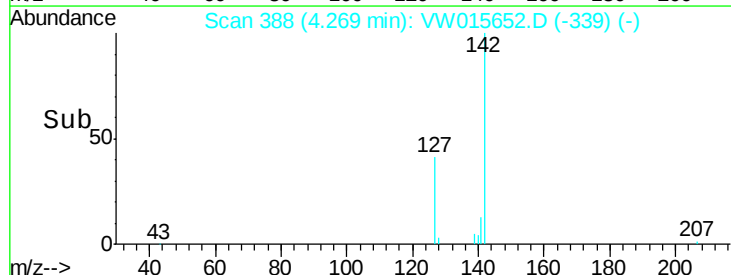
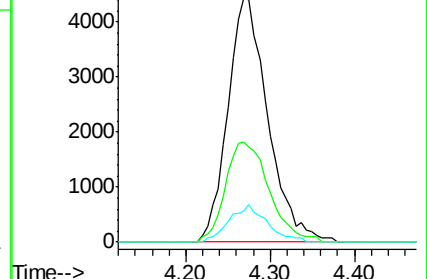
141 14.4 11.6 17.4

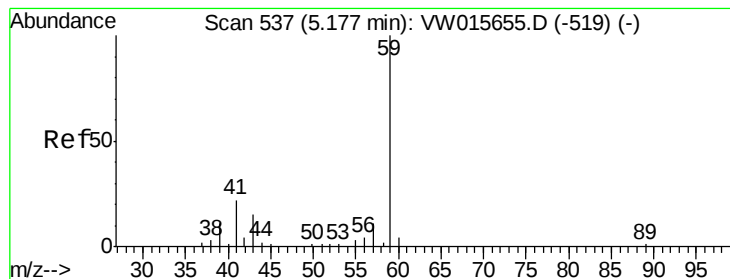


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



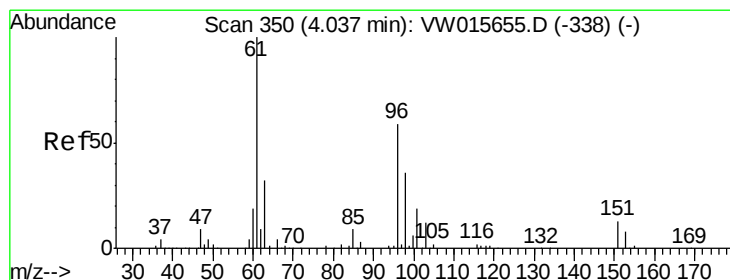
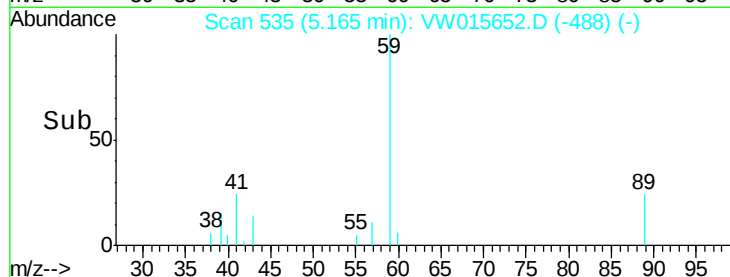
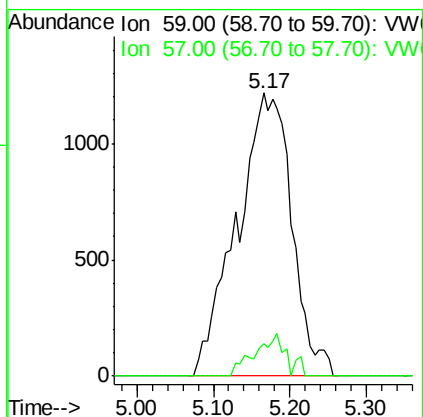
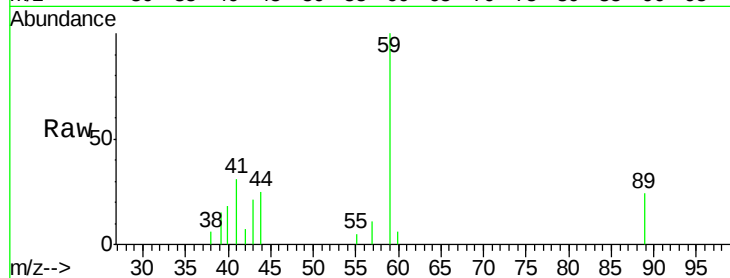


#11

Tert butyl alcohol
 Concen: 37.723 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

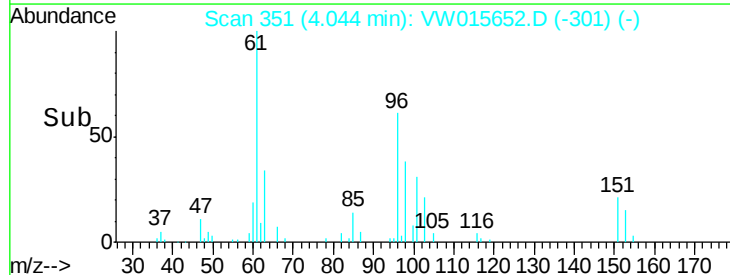
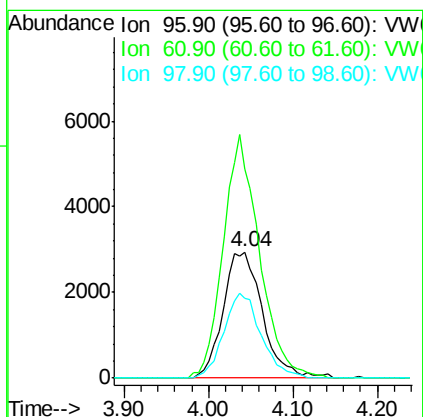
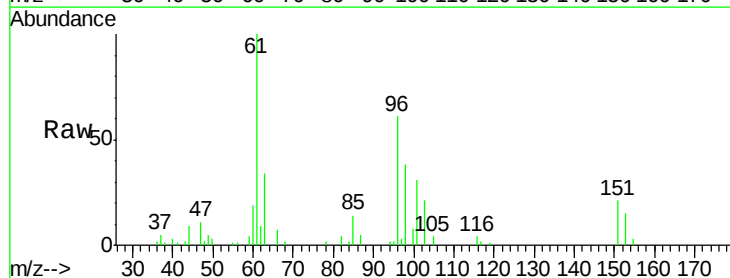
Tgt Ion: 59 Resp: 6075
 Ion Ratio Lower Upper
 59 100
 57 7.8 8.4 12.6#

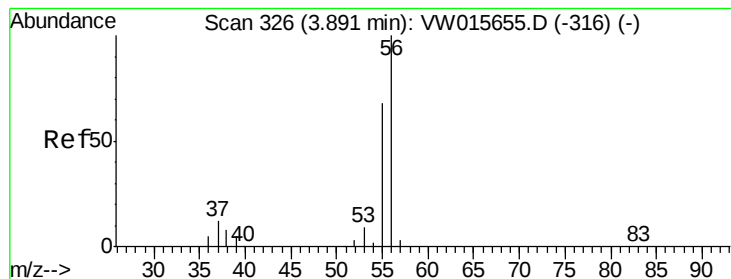


#12

1,1-Dichloroethene
 Concen: 4.789 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 96 Resp: 9391
 Ion Ratio Lower Upper
 96 100
 61 165.2 136.7 205.1
 98 63.5 49.2 73.8





#13

Acrolein

Concen: 31.234 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

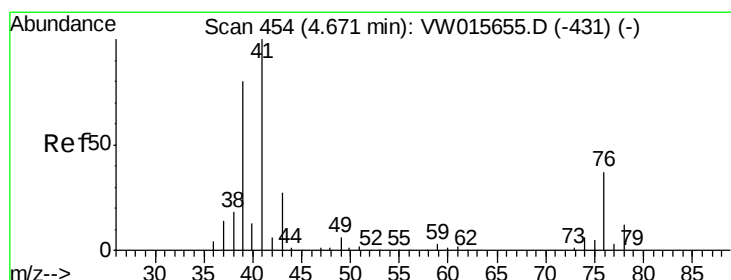
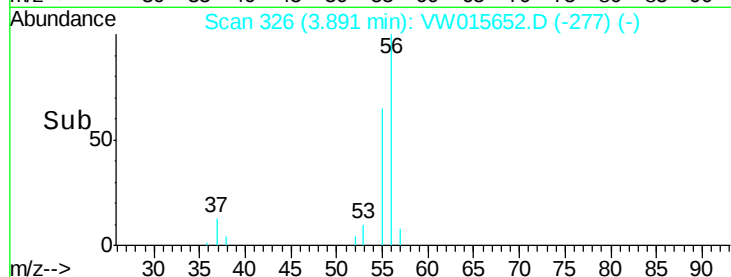
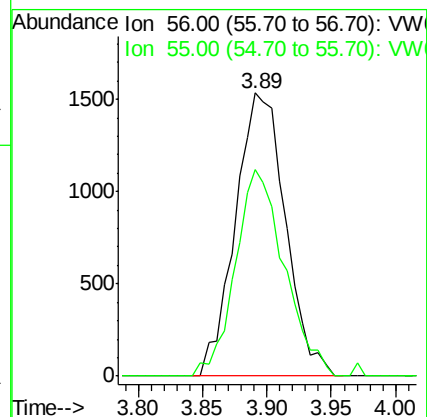
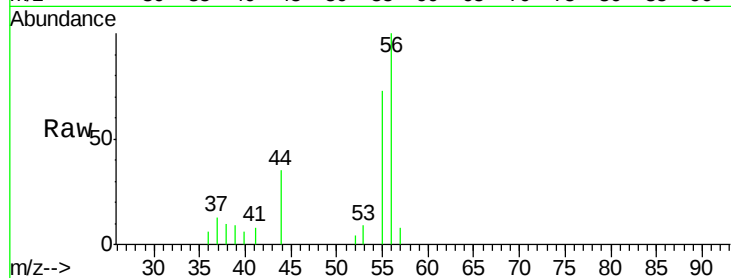
VSTDIC005

Tgt Ion: 56 Resp: 4132

Ion Ratio Lower Upper

56 100

55 71.4 56.2 84.2



#14

Allyl chloride

Concen: 4.664 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

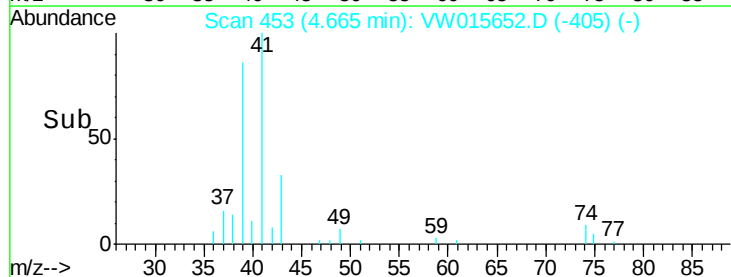
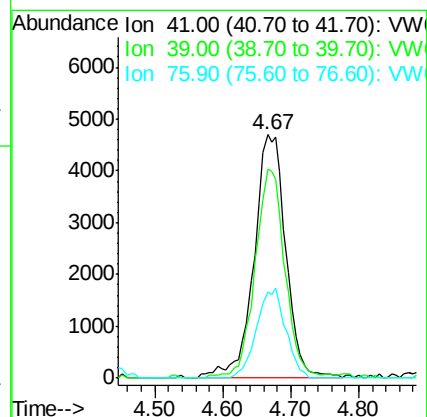
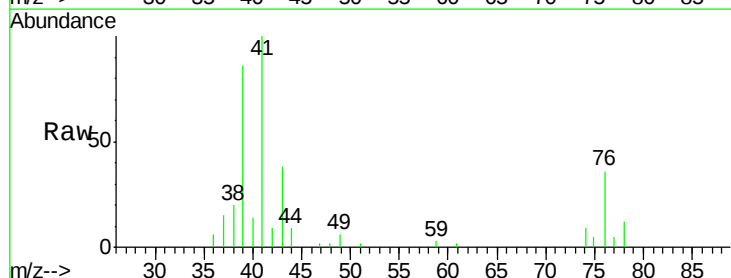
Tgt Ion: 41 Resp: 15344

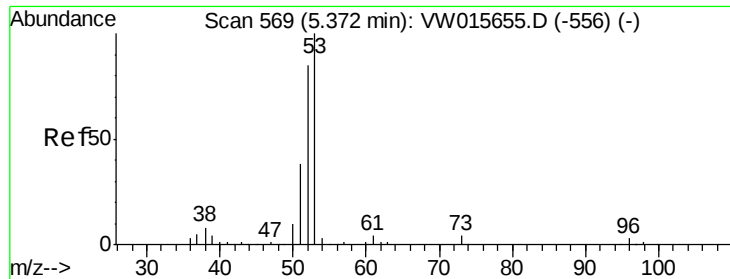
Ion Ratio Lower Upper

41 100

39 80.7 64.6 97.0

76 33.7 29.1 43.7





#15

Acrylonitrile

Concen: 26.097 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

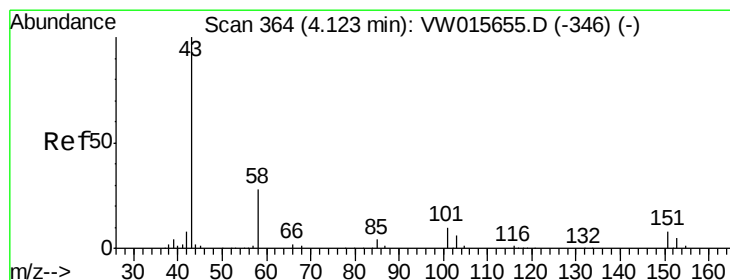
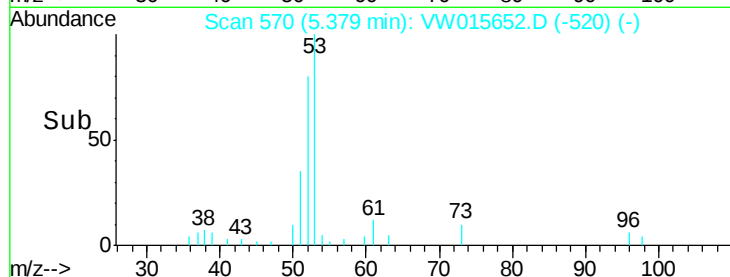
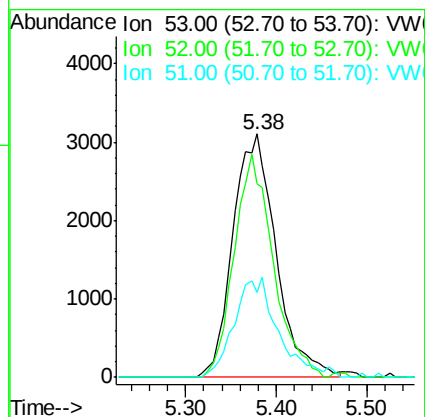
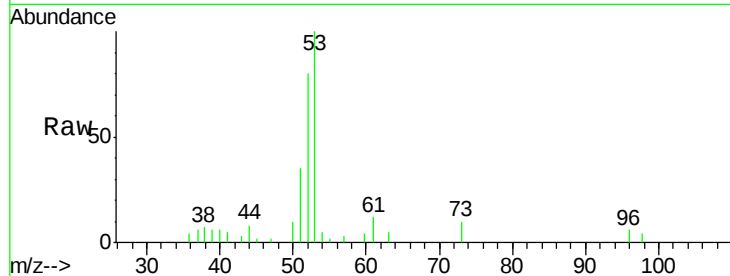
Tgt Ion: 53 Resp: 10273

Ion Ratio Lower Upper

53 100

52 82.7 65.8 98.6

51 41.5 30.7 46.1



#16

Acetone

Concen: 25.664 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015652.D

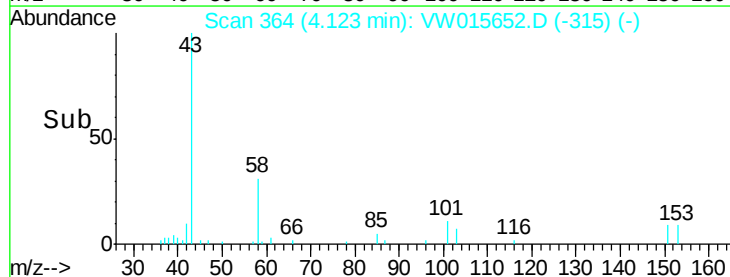
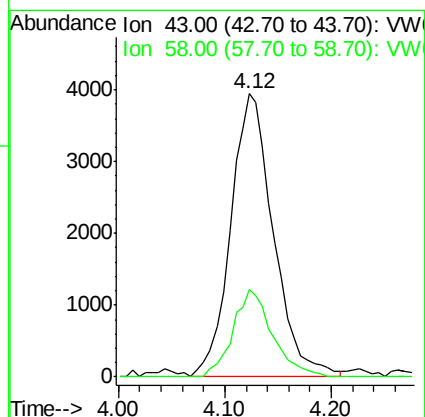
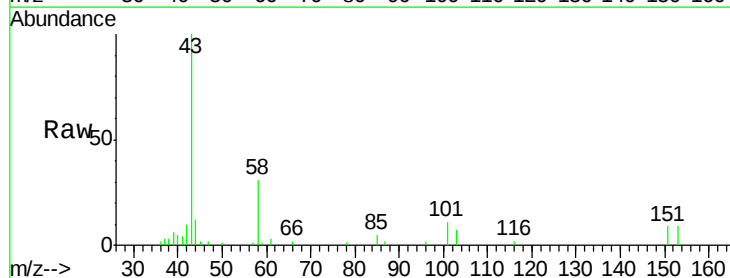
Acq: 23 Jun 2020 10:53

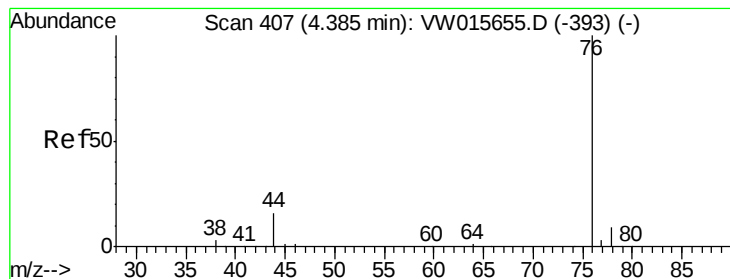
Tgt Ion: 43 Resp: 11051

Ion Ratio Lower Upper

43 100

58 31.0 22.6 33.8





#17

Carbon Disulfide

Concen: 4.372 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

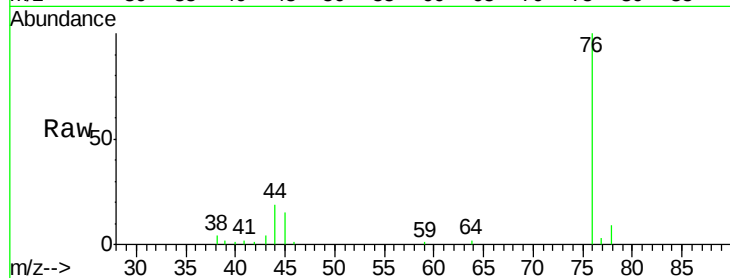
VSTDIC005

Tgt Ion: 76 Resp: 25562

Ion Ratio Lower Upper

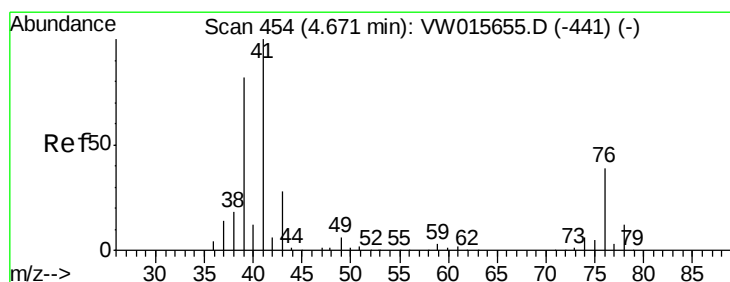
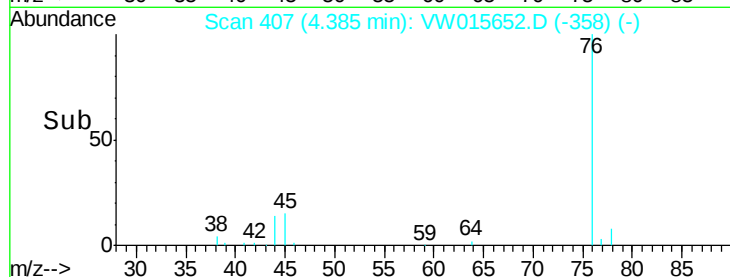
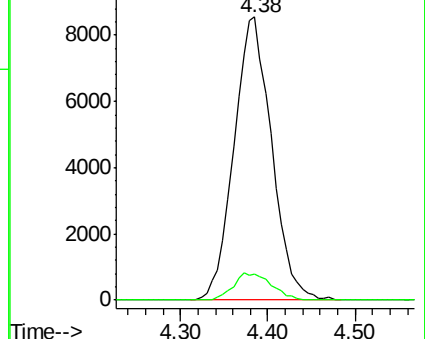
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 7.155 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015652.D

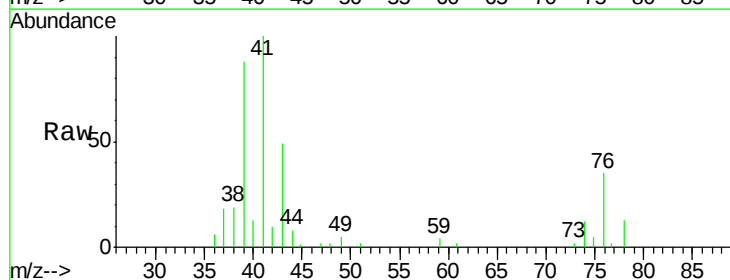
Acq: 23 Jun 2020 10:53

Tgt Ion: 43 Resp: 6683

Ion Ratio Lower Upper

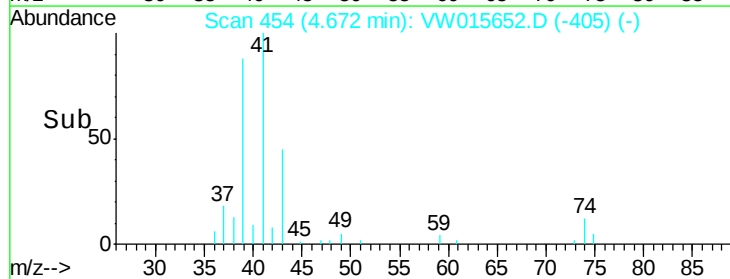
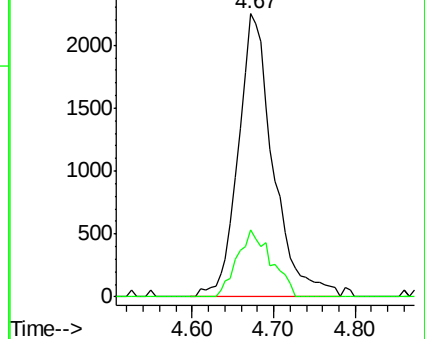
43 100

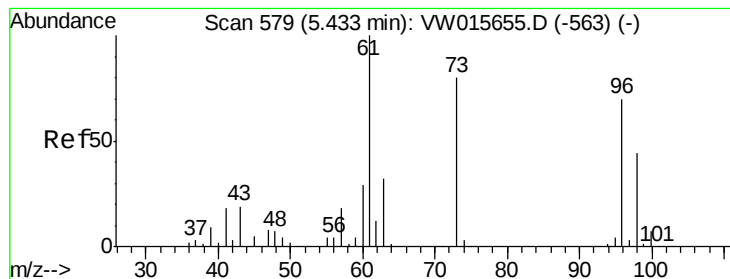
74 23.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 5.172 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

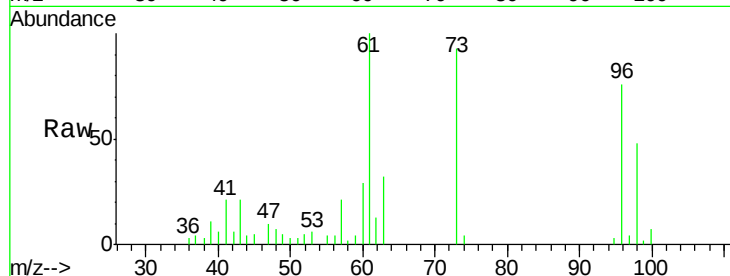
VSTDIC005

Tgt Ion: 73 Resp: 15328

Ion Ratio Lower Upper

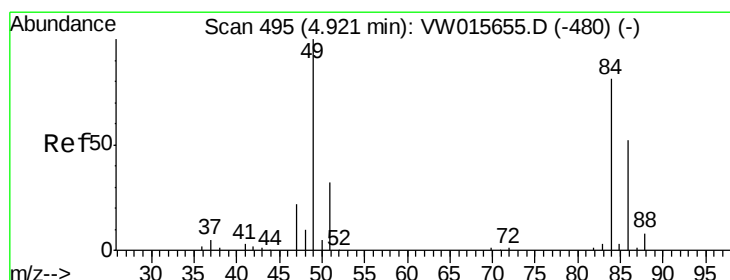
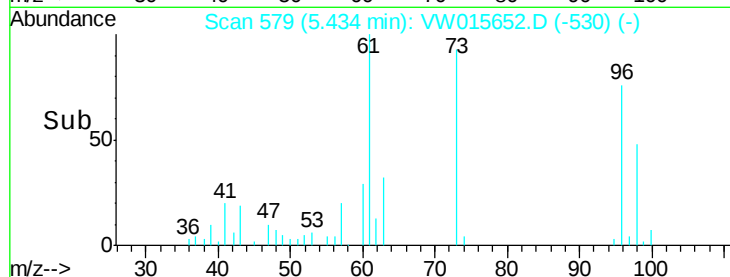
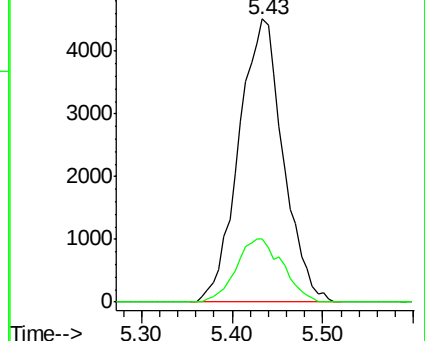
73 100

57 22.5 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 6.360 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Tgt Ion: 84 Resp: 14183

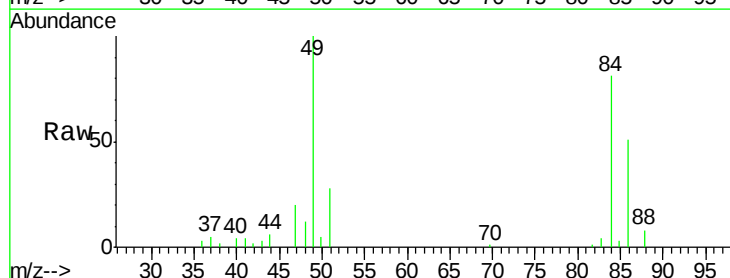
Ion Ratio Lower Upper

84 100

49 122.8 99.3 148.9

51 34.9 31.8 47.6

86 62.7 51.7 77.5

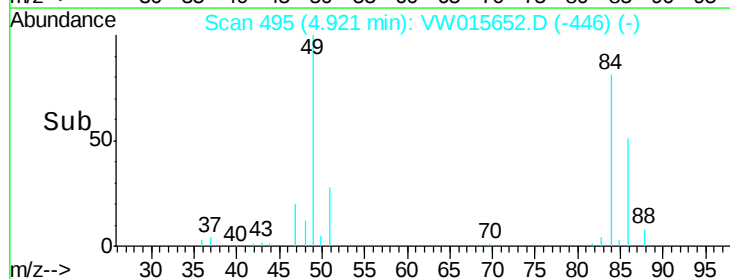
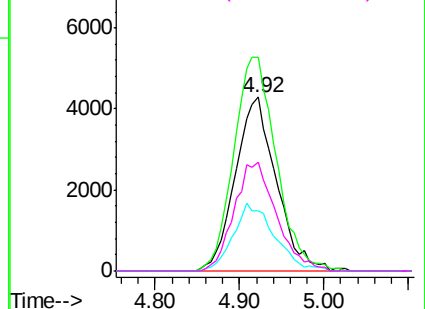


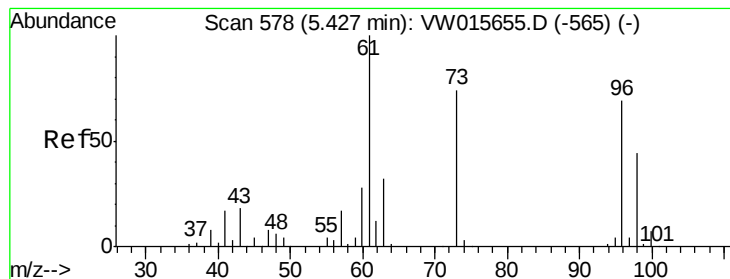
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 5.190 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

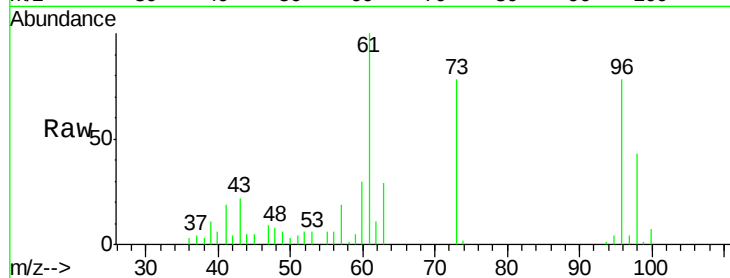
Tgt Ion: 96 Resp: 11448

Ion Ratio Lower Upper

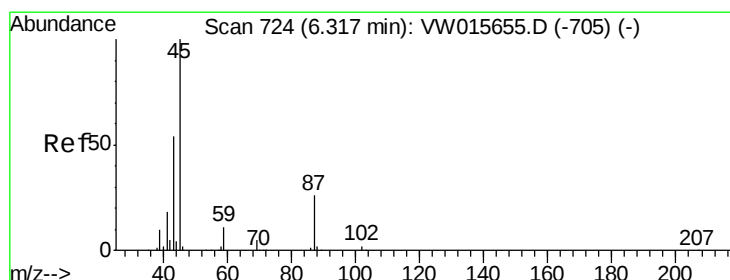
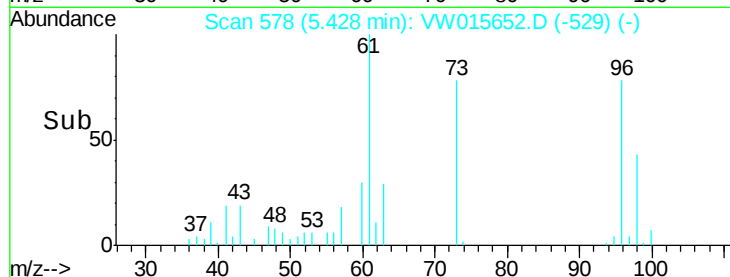
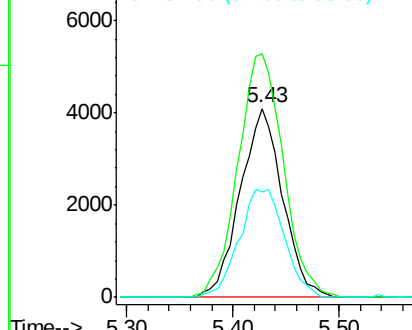
96 100

61 128.8 116.2 174.2

98 55.5 51.4 77.0



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



#22

Diisopropyl ether

Concen: 4.962 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Tgt Ion: 45 Resp: 30981

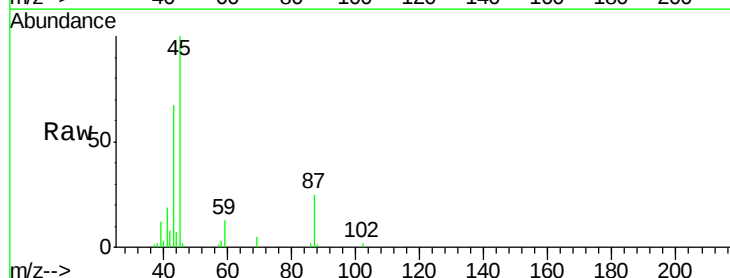
Ion Ratio Lower Upper

45 100

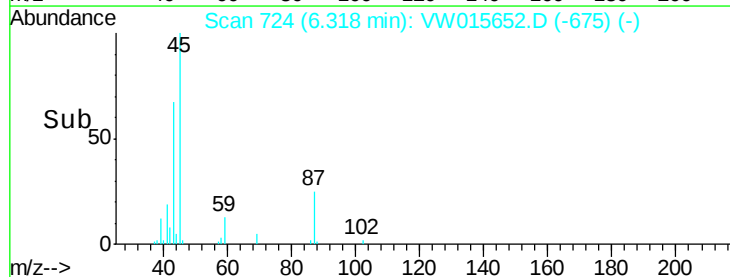
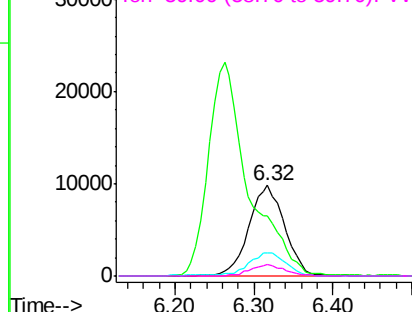
43 65.8 43.9 65.9

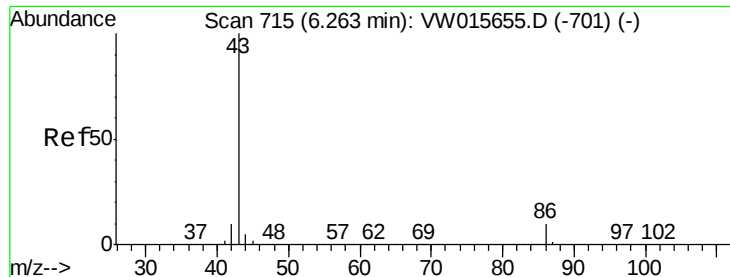
87 25.3 21.2 31.8

59 12.6 9.2 13.8



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

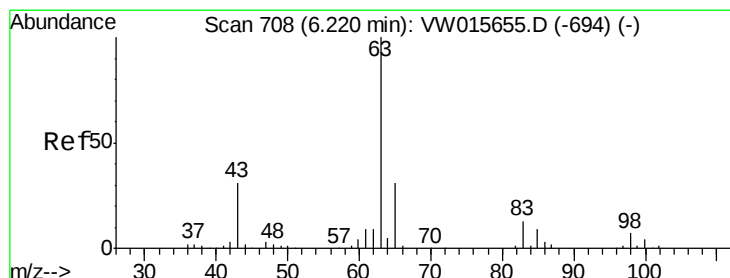
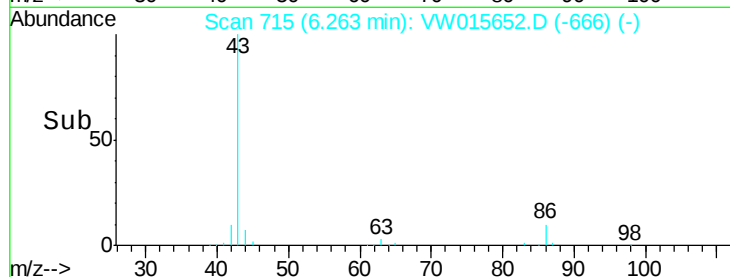
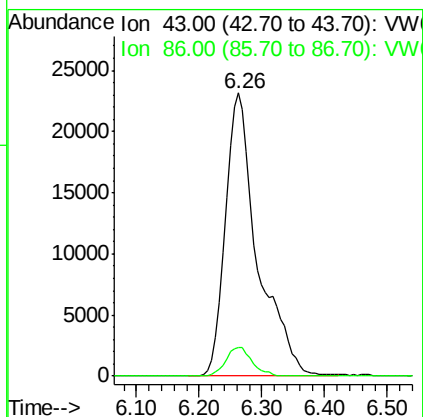
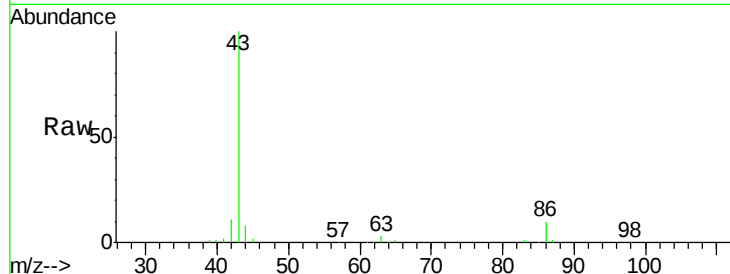




#23
 Vinyl Acetate
 Concen: 22.492 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

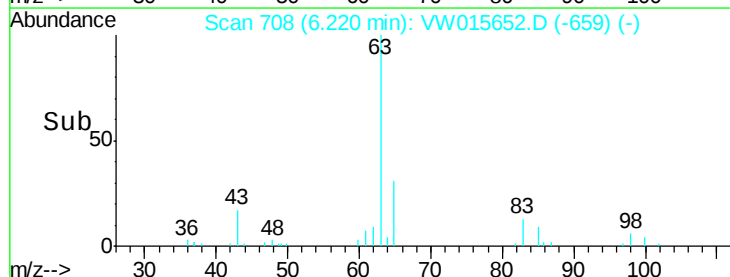
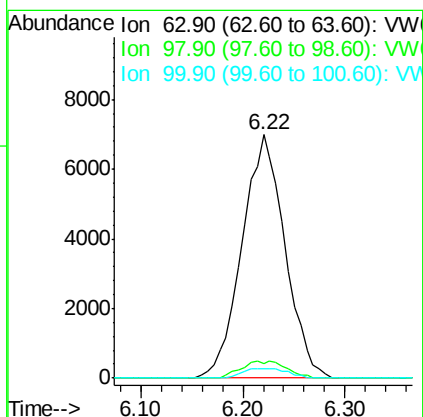
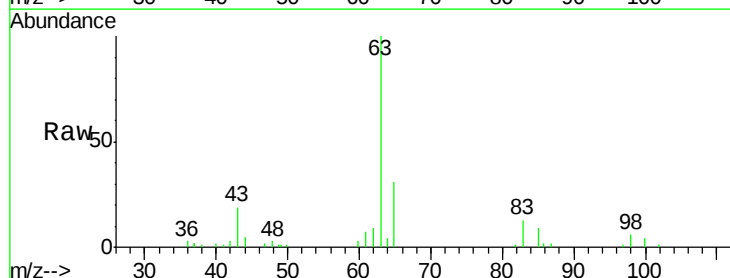
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

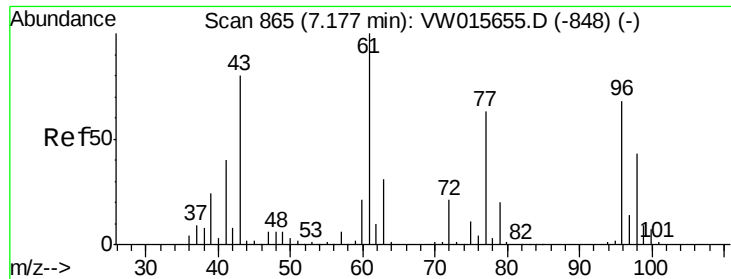
Tgt Ion: 43 Resp: 82369
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 5.178 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 63 Resp: 20383
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.5
 100 3.9 2.1 6.3

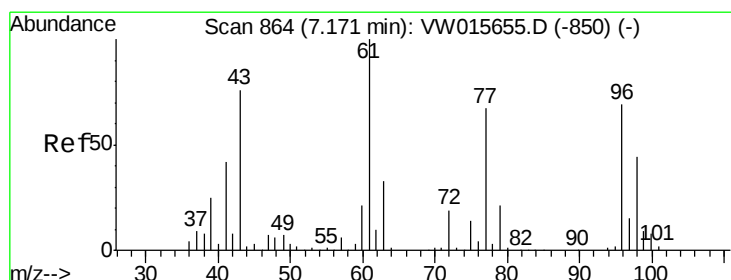
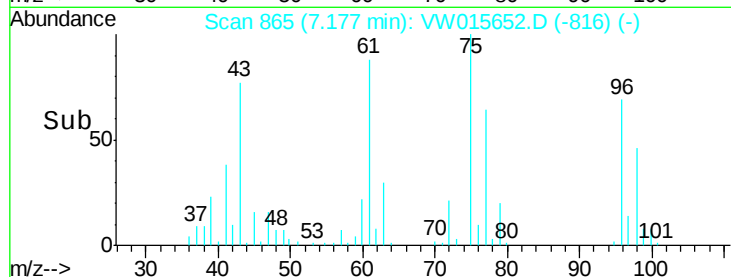
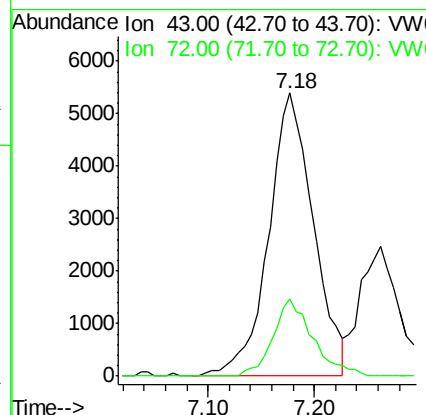
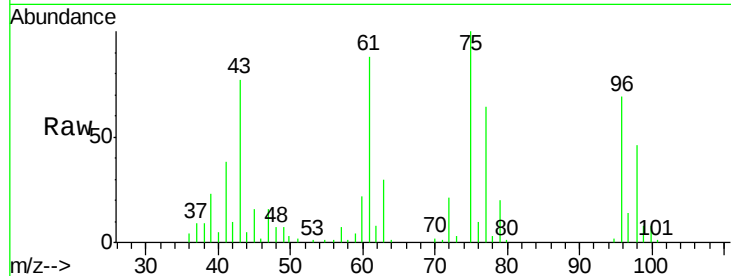




#25
 2-Butanone
 Concen: 28.421 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

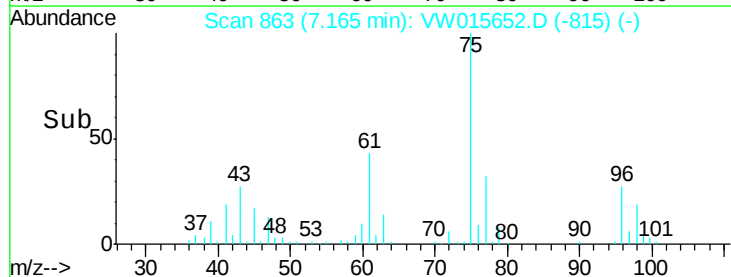
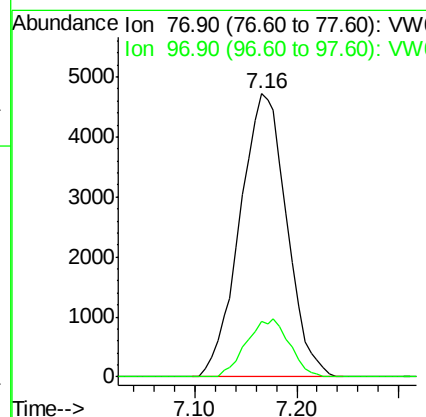
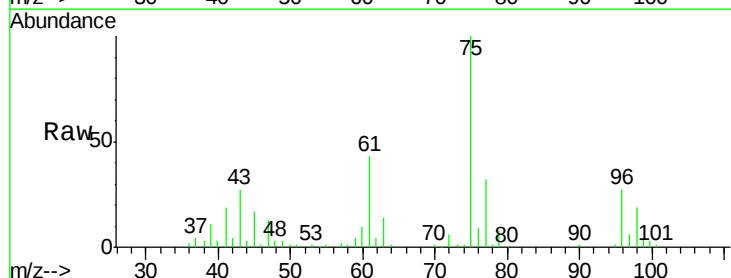
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

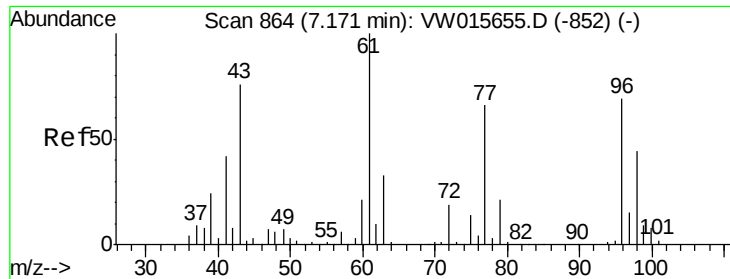
Tgt Ion: 43 Resp: 15745
 Ion Ratio Lower Upper
 43 100
 72 27.3 21.1 31.7



#26
 2,2-Dichloropropane
 Concen: 5.446 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 77 Resp: 15043
 Ion Ratio Lower Upper
 77 100
 97 18.7 11.2 33.5



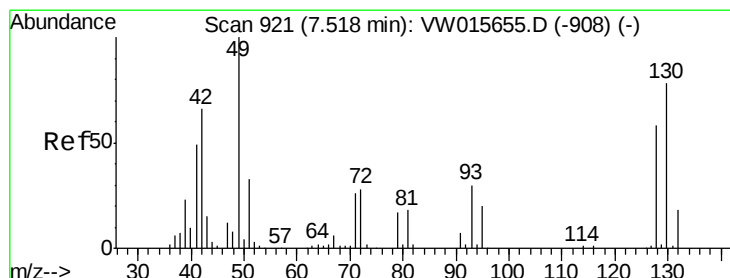
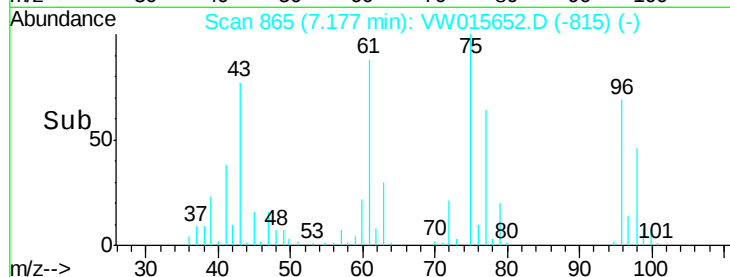
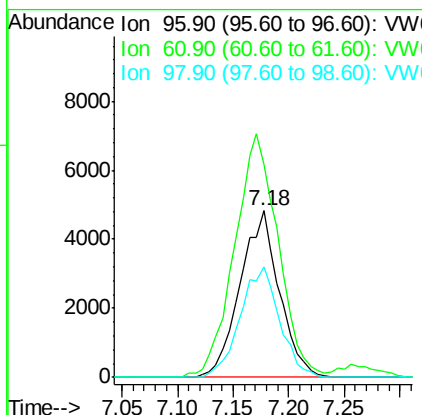
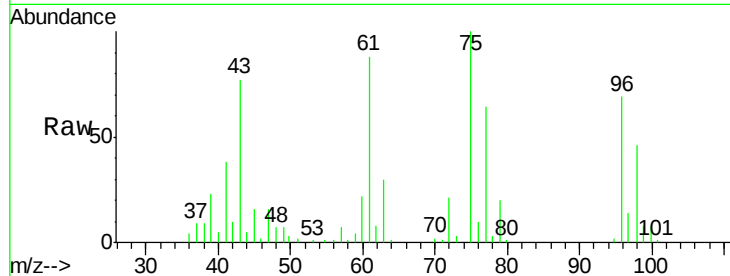


#27

cis-1,2-Dichloroethene
Concen: 4.923 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

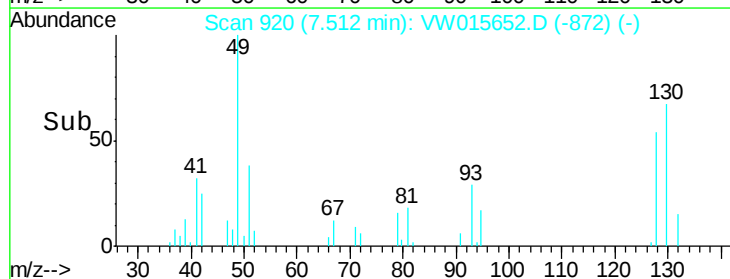
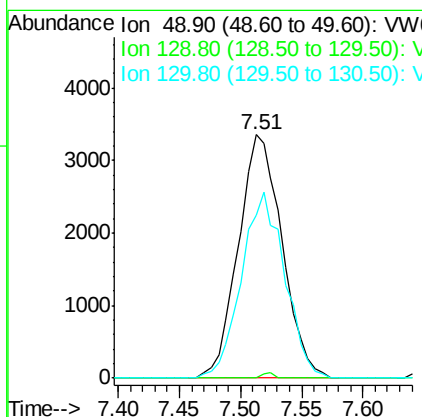
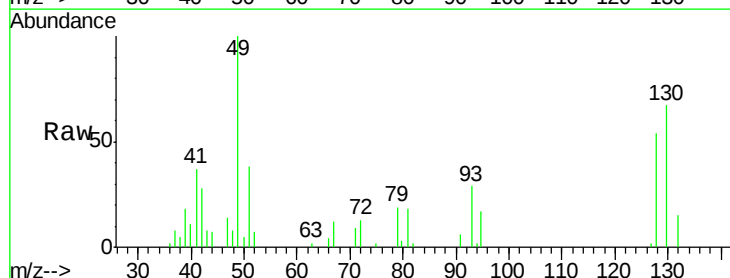
Tgt Ion: 96 Resp: 11810
Ion Ratio Lower Upper
96 100
61 161.8 0.0 296.8
98 66.6 0.0 128.0

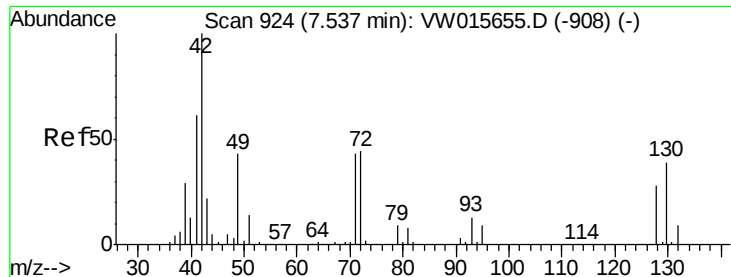


#28

Bromochloromethane
Concen: 5.642 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion: 49 Resp: 8326
Ion Ratio Lower Upper
49 100
129 0.5 0.0 2.2
130 75.5 61.0 91.4

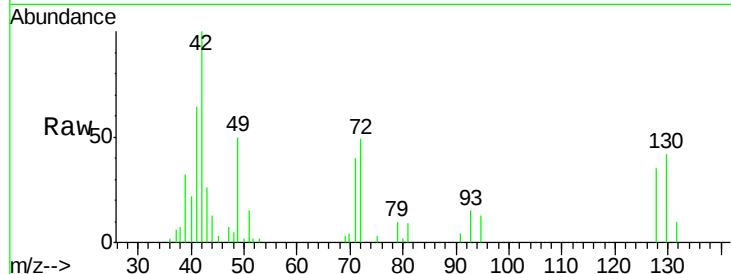




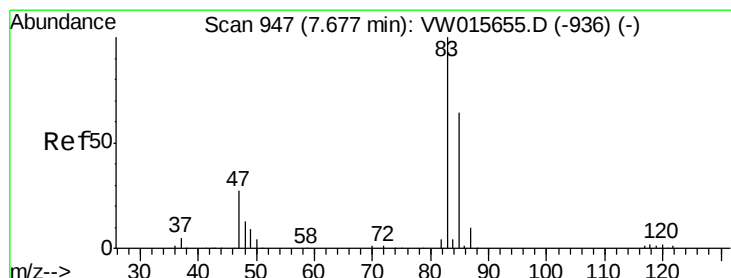
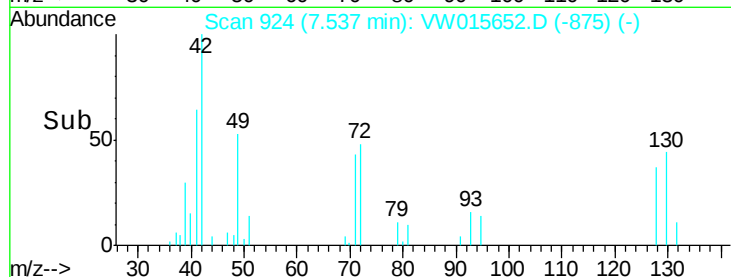
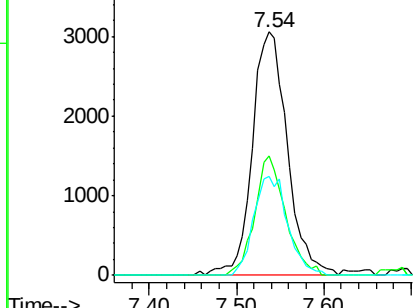
#29
Tetrahydrofuran
Concen: 25.886 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 8557
Ion Ratio Lower Upper
42 100
72 42.8 35.0 52.6
71 39.2 32.6 49.0

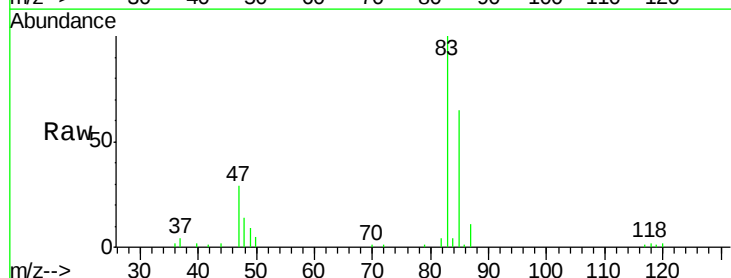


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

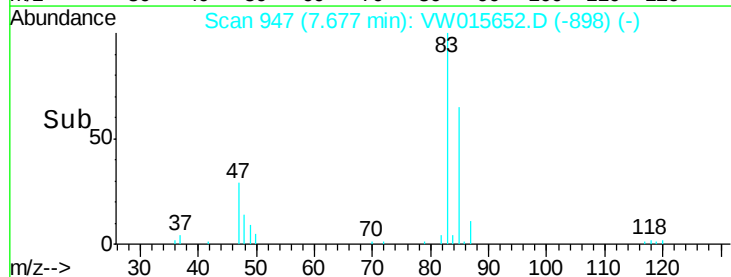
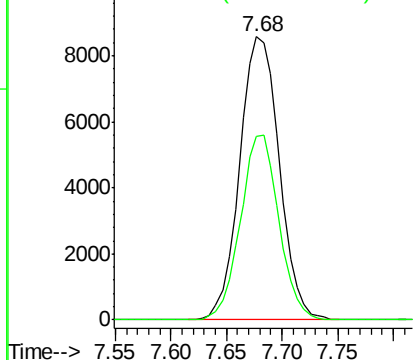


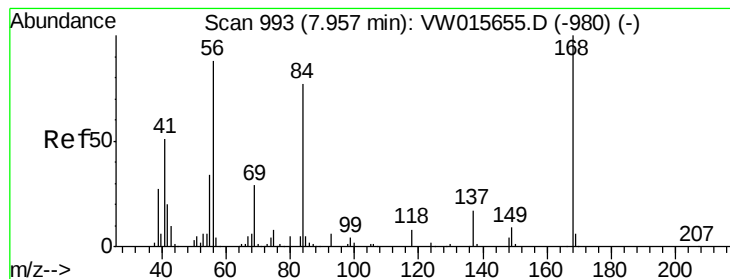
#30
Chloroform
Concen: 5.338 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion: 83 Resp: 21215
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 5.476 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

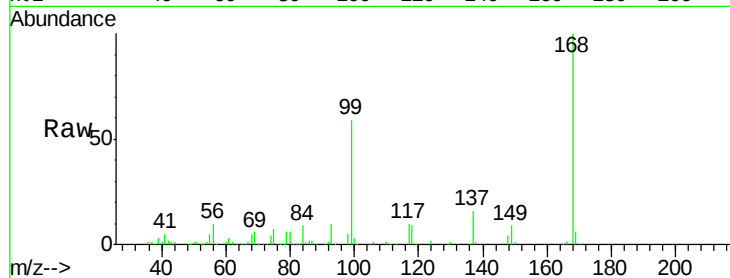
Tgt Ion: 56 Resp: 21270

Ion Ratio Lower Upper

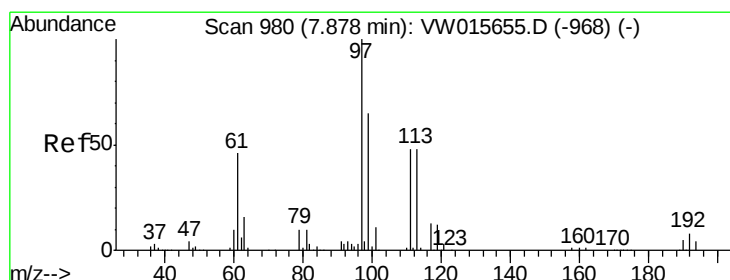
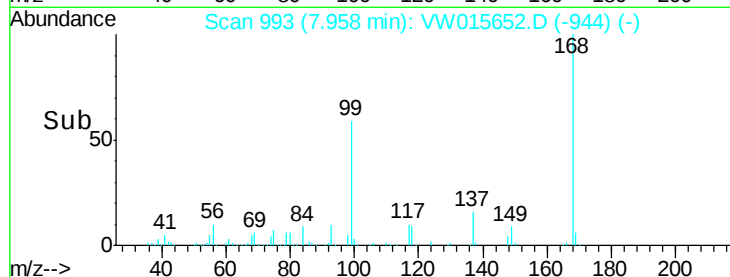
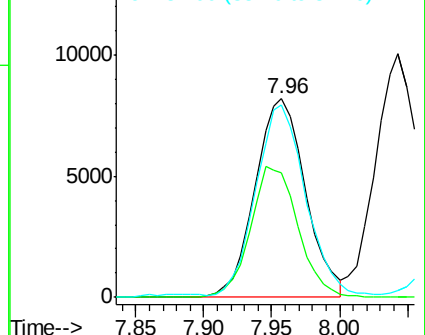
56 100

69 62.7 26.2 39.4#

84 95.7 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 5.050 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

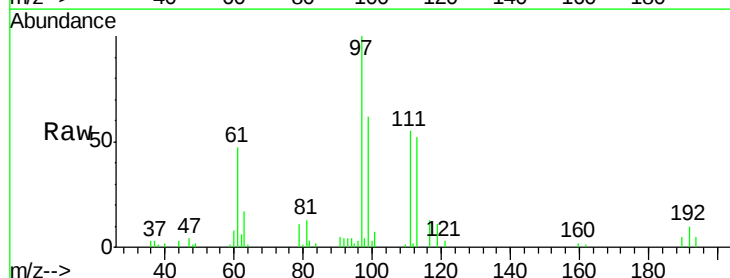
Tgt Ion: 97 Resp: 17400

Ion Ratio Lower Upper

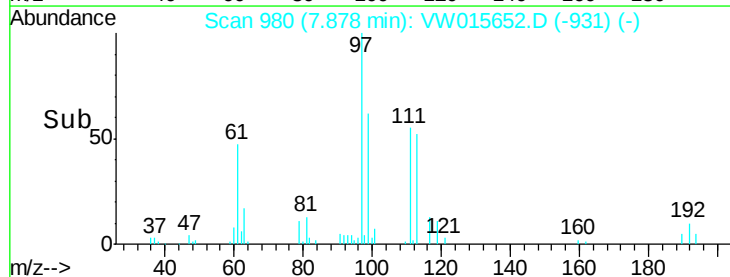
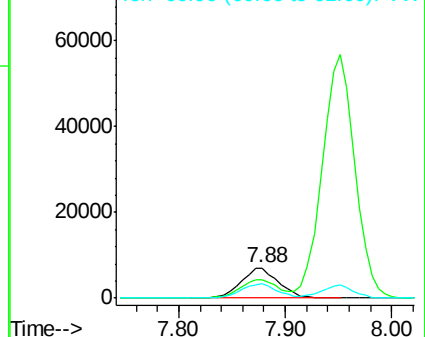
97 100

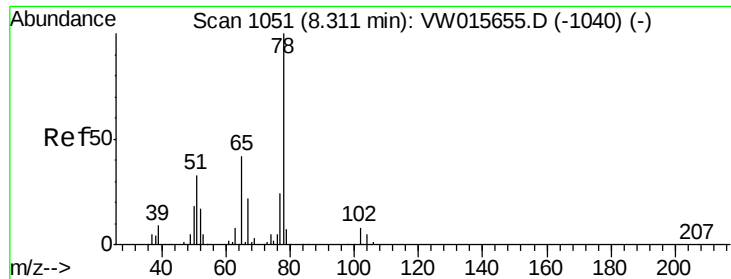
99 61.3 51.9 77.9

61 46.6 37.3 55.9



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





#33

1,2-Dichloroethane-d4

Concen: 5.957 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

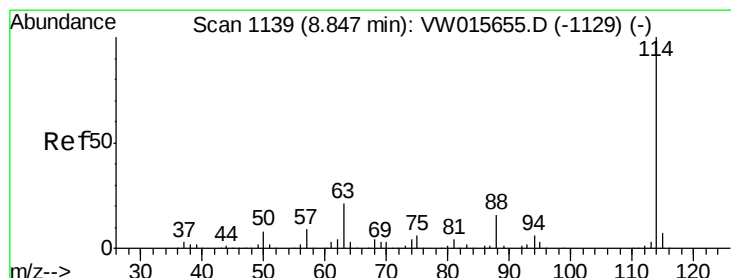
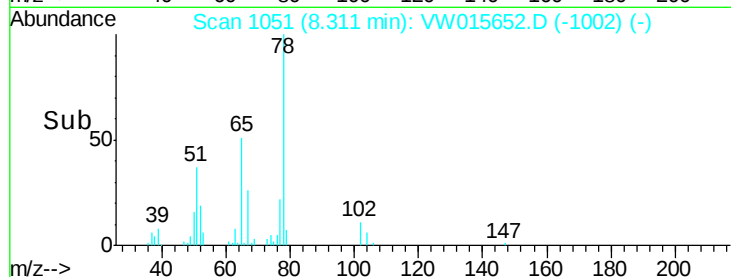
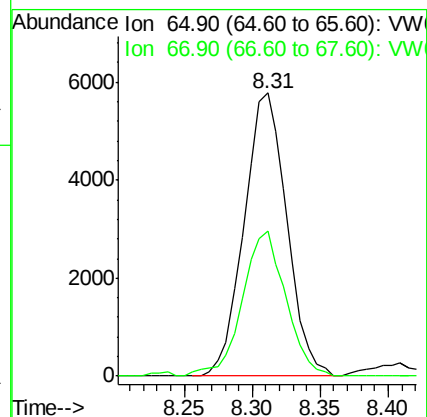
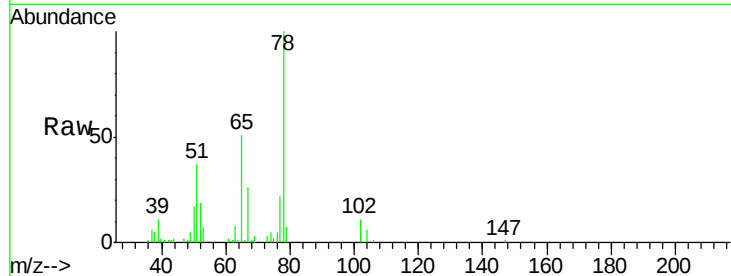
VSTDIC005

Tgt Ion: 65 Resp: 12679

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

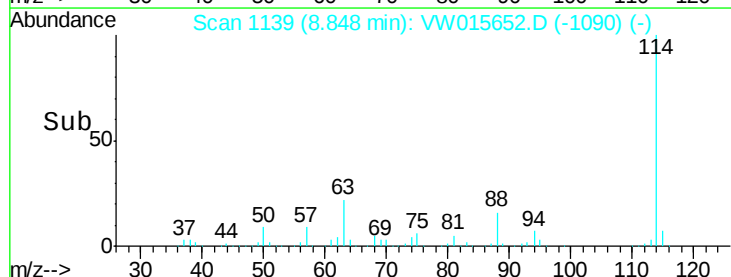
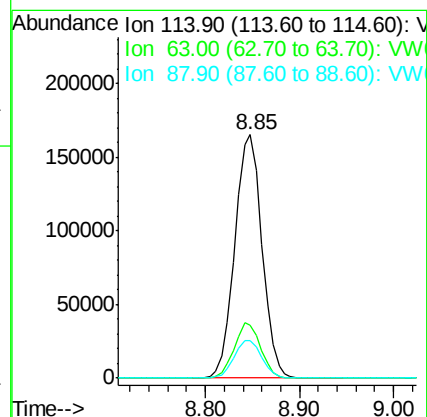
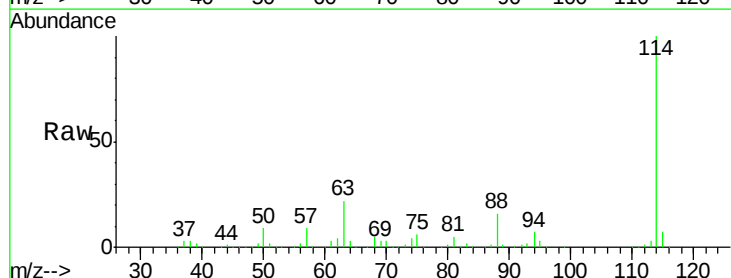
Tgt Ion: 114 Resp: 330398

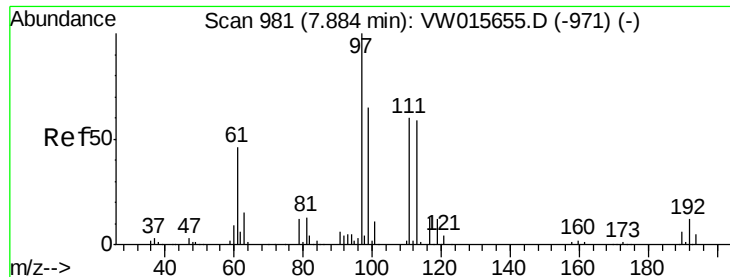
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 15.7 0.0 32.6

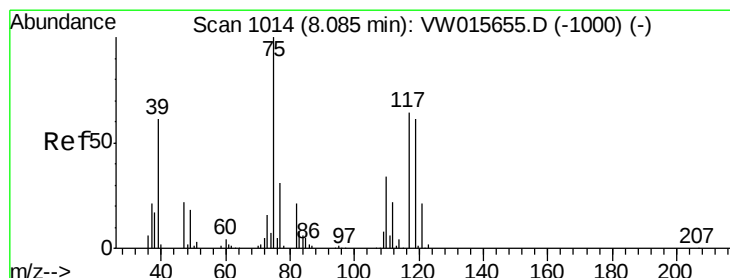
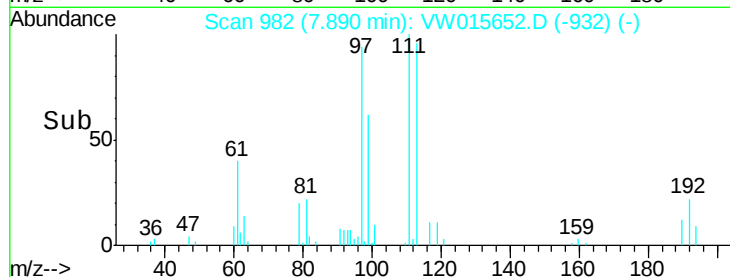
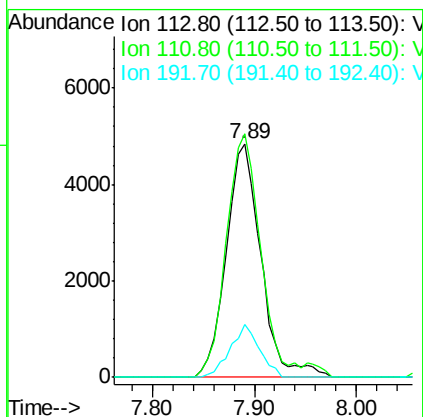
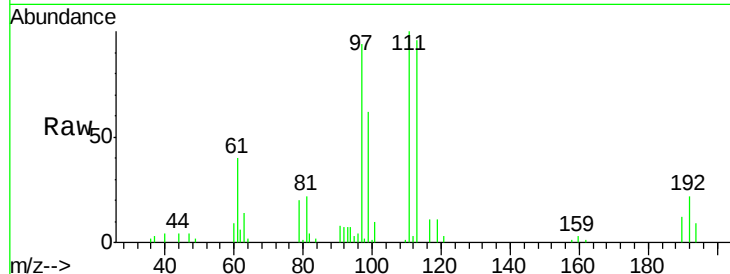




#35
 Dibromofluoromethane
 Concen: 5.830 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

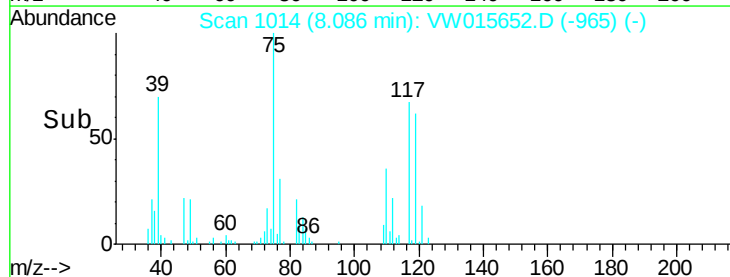
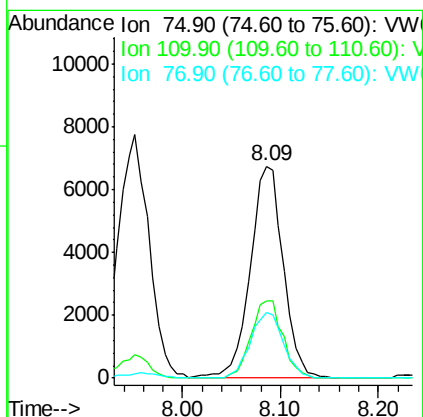
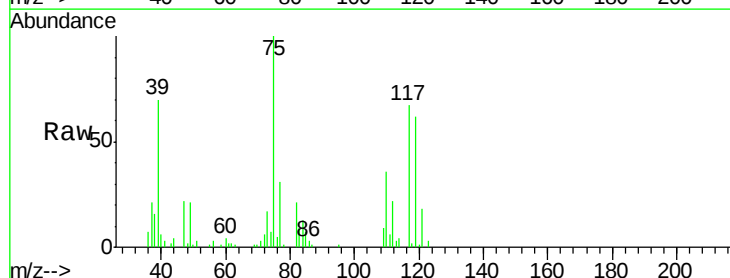
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

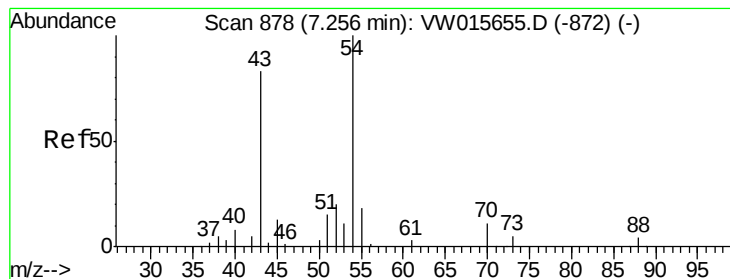
Tgt Ion: 113 Resp: 11415
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.3 123.5
 192 19.0 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 75 Resp: 15849
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.0 51.0
 77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 5.392 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

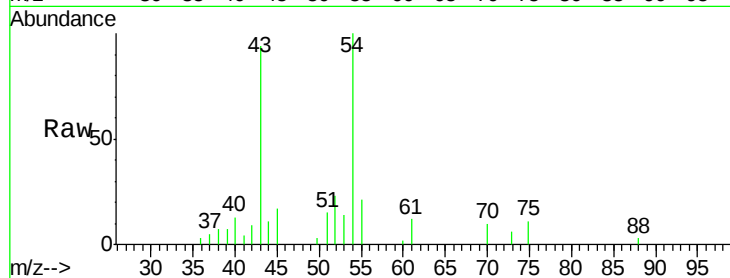
Tgt Ion: 43 Resp: 6873

Ion Ratio Lower Upper

43 100

61 12.6 10.4 15.6

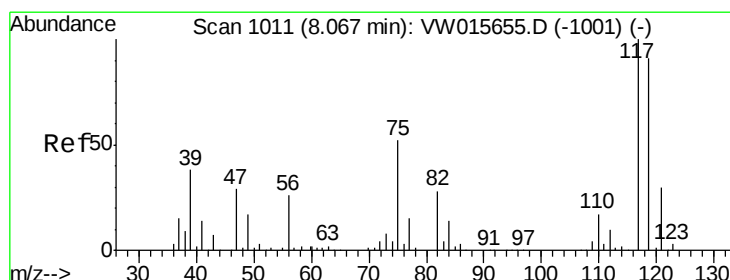
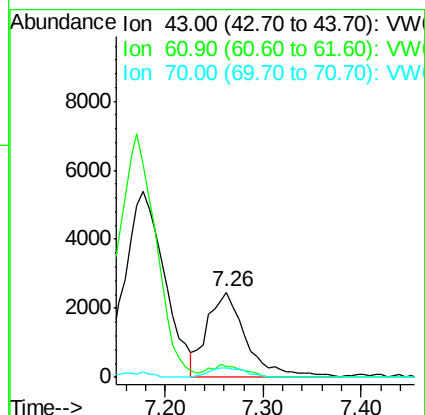
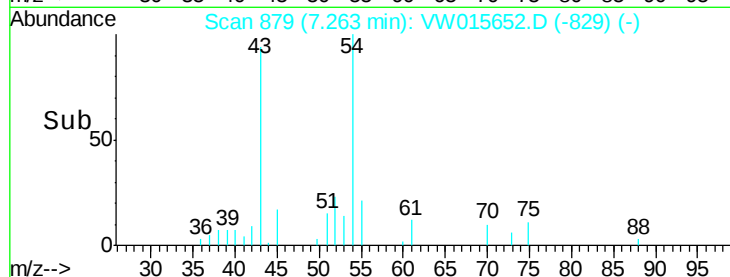
70 10.3 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 4.628 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

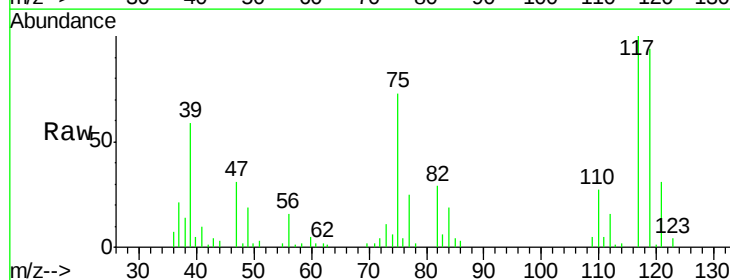
Tgt Ion: 117 Resp: 15249

Ion Ratio Lower Upper

117 100

119 93.9 73.2 109.8

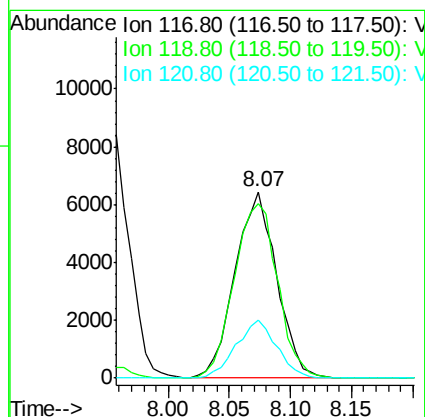
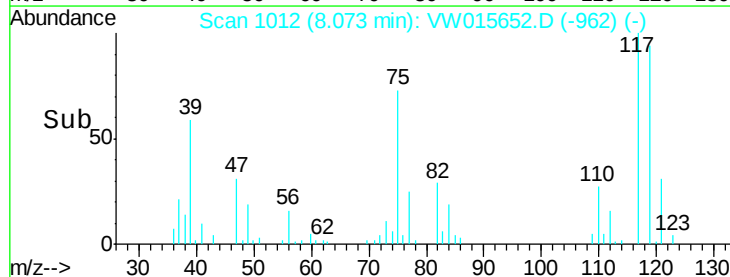
121 30.9 23.9 35.9

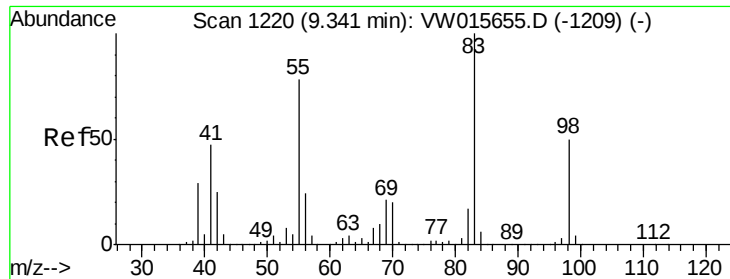


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

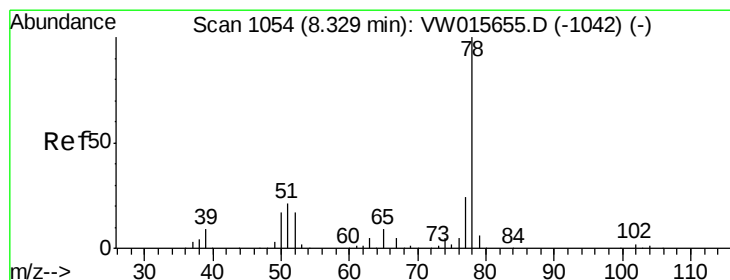
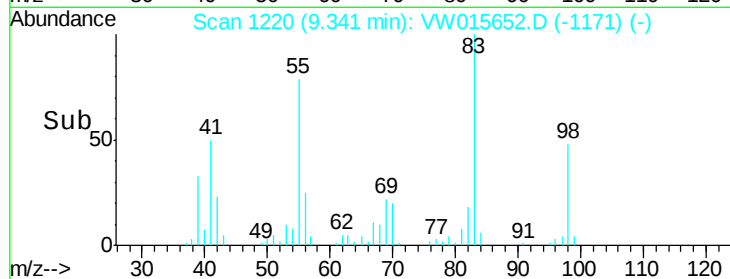
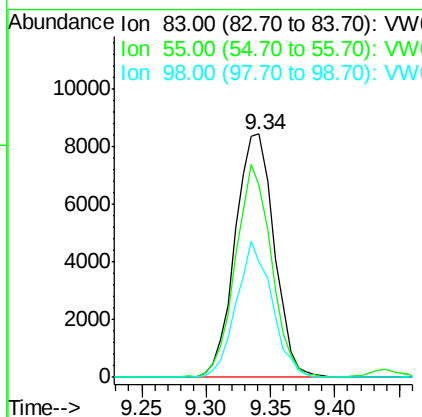
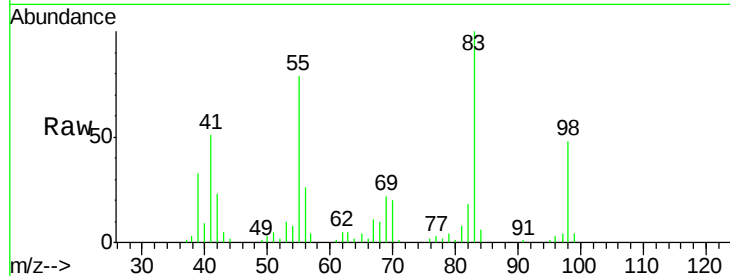




#39
Methylcyclohexane
Concen: 4.258 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

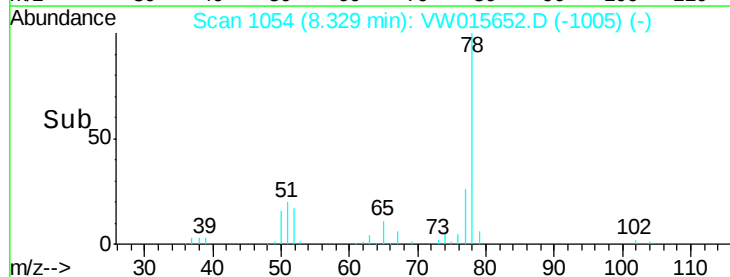
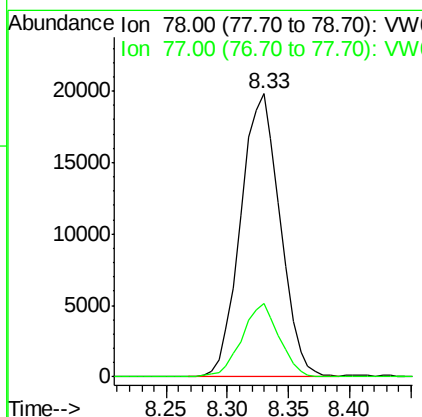
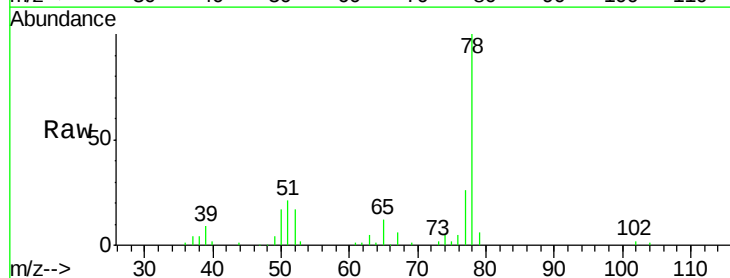
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

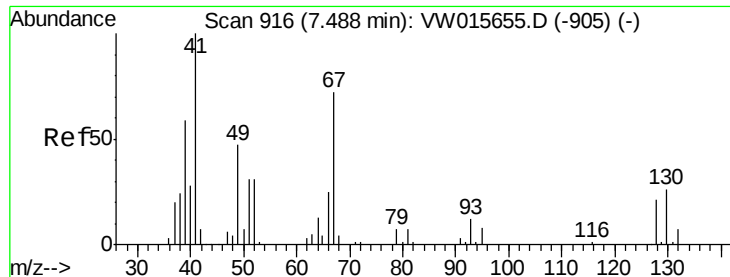
Tgt Ion: 83 Resp: 17752
Ion Ratio Lower Upper
83 100
55 79.0 62.8 94.2
98 47.6 39.9 59.9



#40
Benzene
Concen: 4.893 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion: 78 Resp: 44512
Ion Ratio Lower Upper
78 100
77 26.1 19.3 28.9

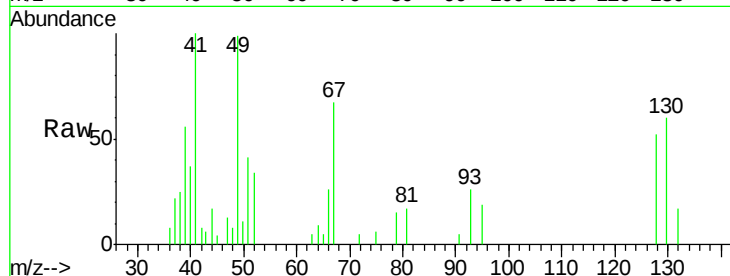




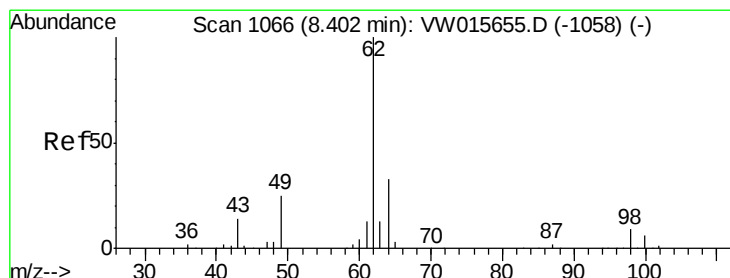
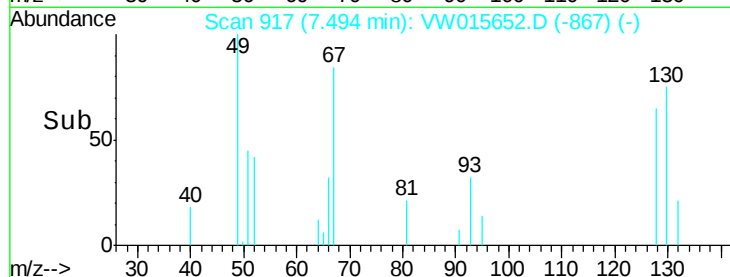
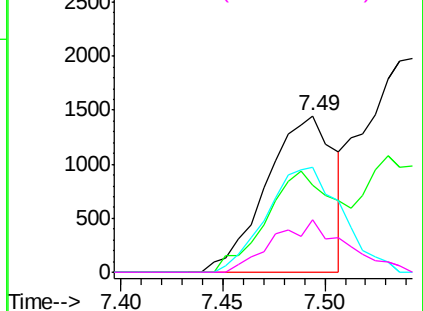
#41
Methacrylonitrile
Concen: 4.650 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tgt Ion:	41	Resp:	3356
Ion	Ratio	Lower	Upper
41	100		
39	67.9	52.0	78.0
67	73.7	57.5	86.3
52	35.3	26.5	39.7

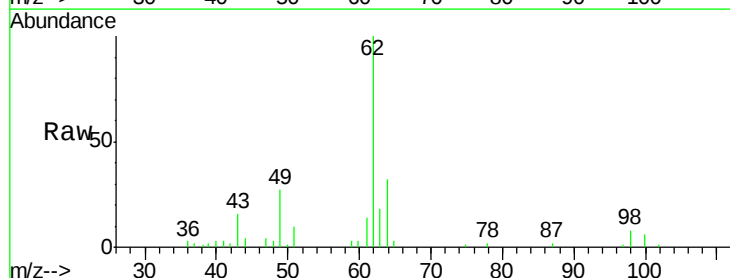


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

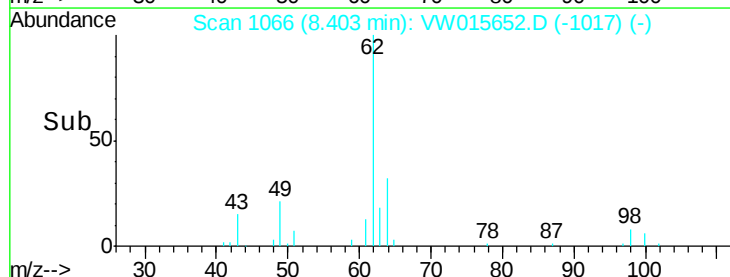
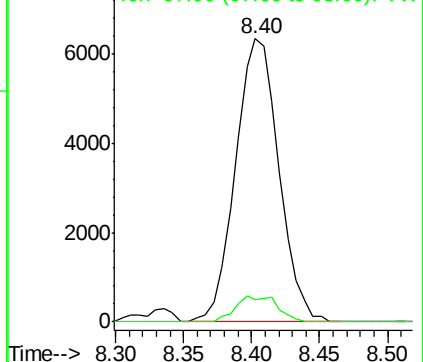


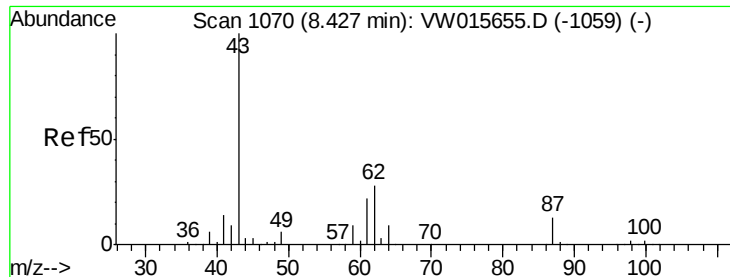
#42
1,2-Dichloroethane
Concen: 5.109 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion:	62	Resp:	14110
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4



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





#43

Isopropyl Acetate

Concen: 4.876 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

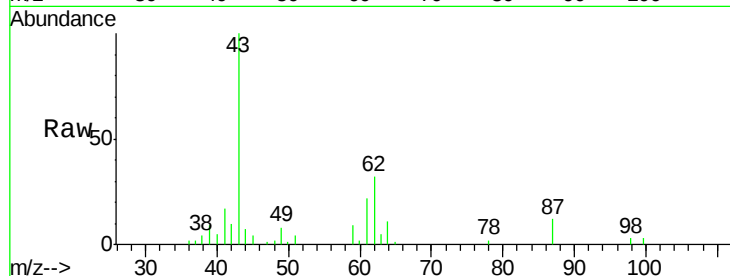
Tgt Ion: 43 Resp: 12334

Ion Ratio Lower Upper

43 100

61 31.1 24.7 37.1

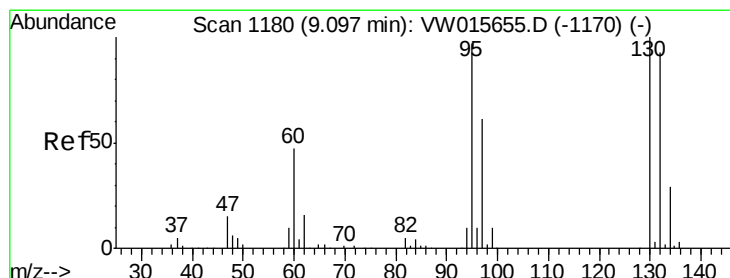
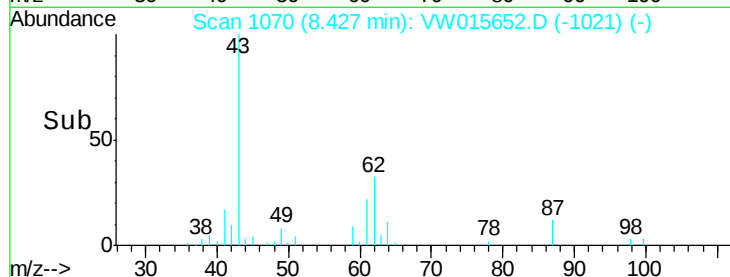
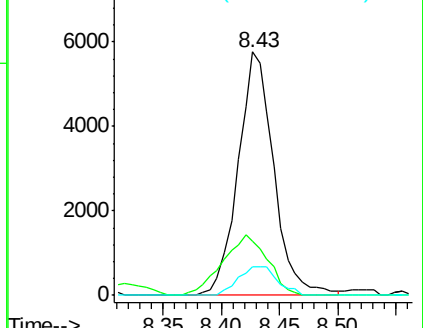
87 12.9 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.950 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW015652.D

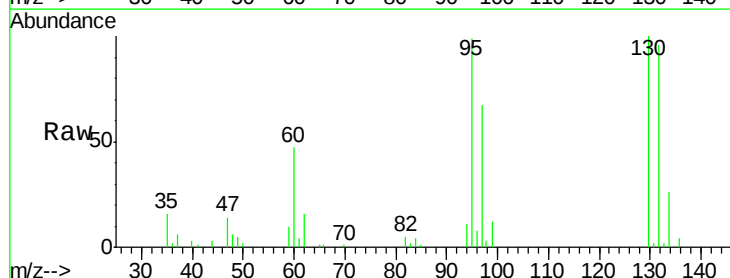
Acq: 23 Jun 2020 10:53

Tgt Ion:130 Resp: 12060

Ion Ratio Lower Upper

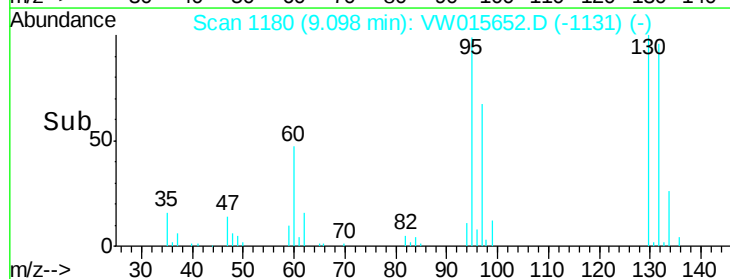
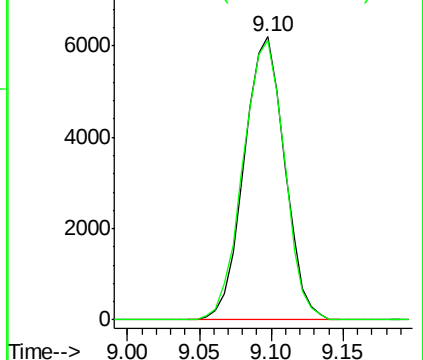
130 100

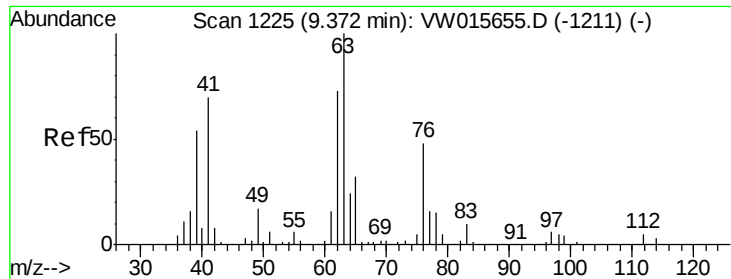
95 98.9 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 5.086 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampled :

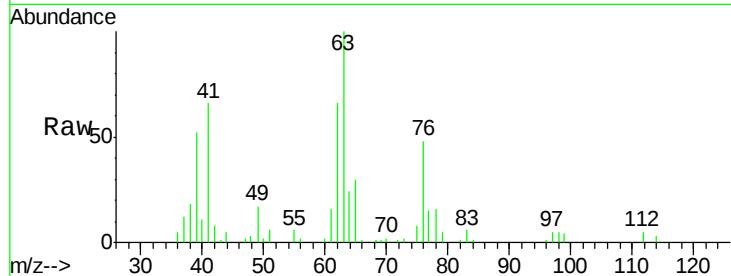
VSTDIC005

Tgt Ion: 63 Resp: 11233

Ion Ratio Lower Upper

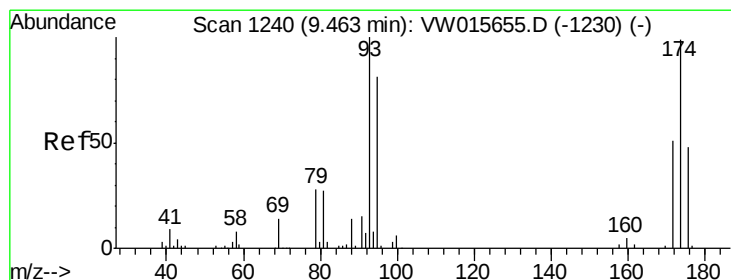
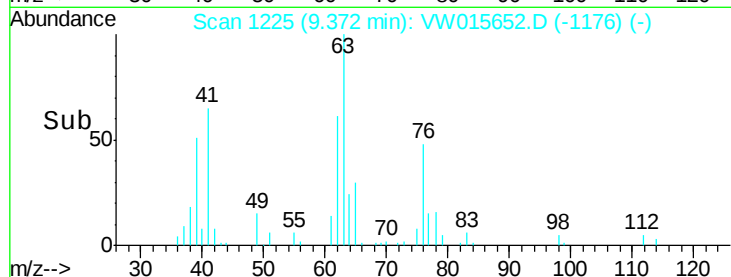
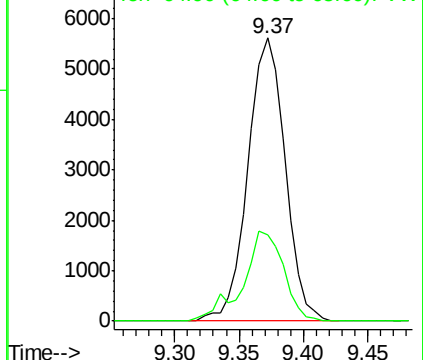
63 100

65 30.3 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 5.208 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

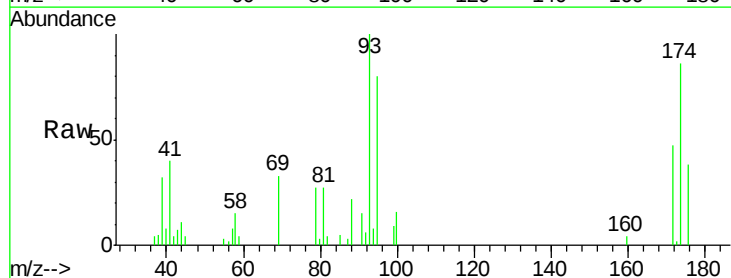
Tgt Ion: 93 Resp: 5834

Ion Ratio Lower Upper

93 100

95 81.8 65.7 98.5

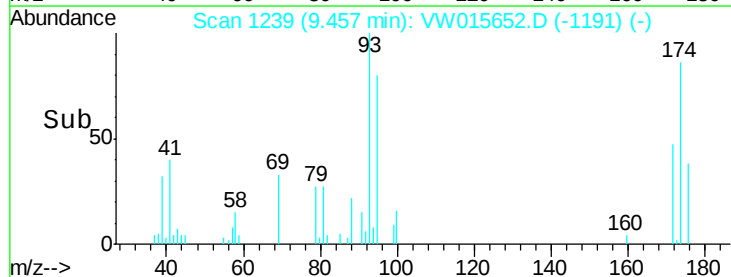
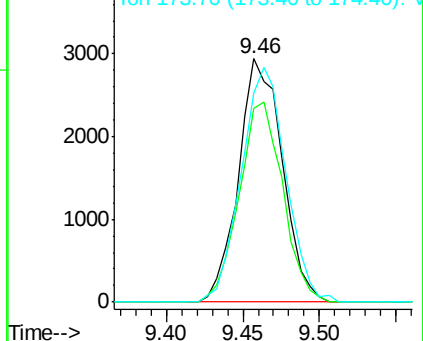
174 98.7 79.0 118.6

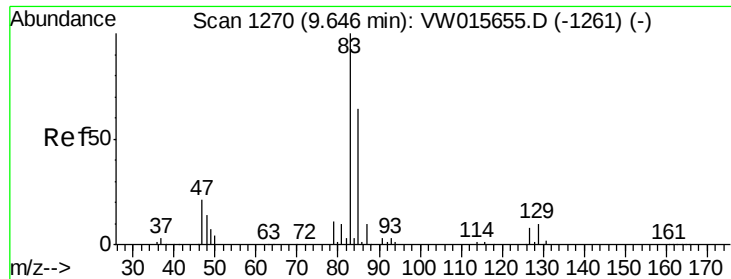


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

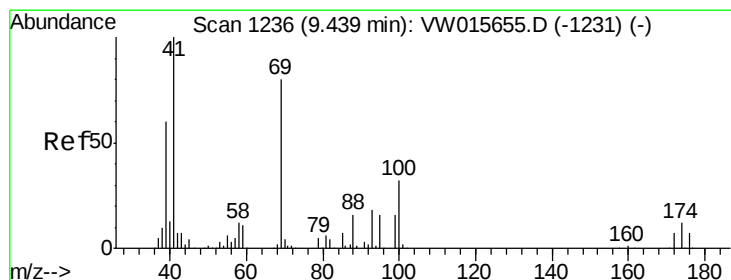
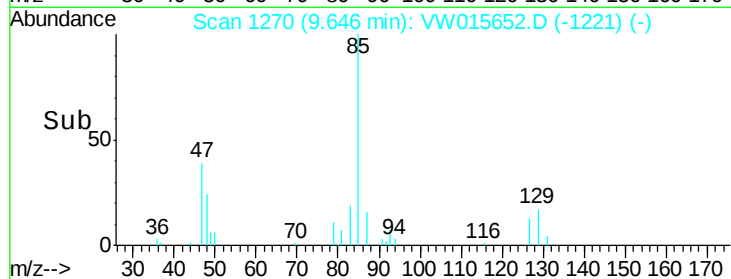
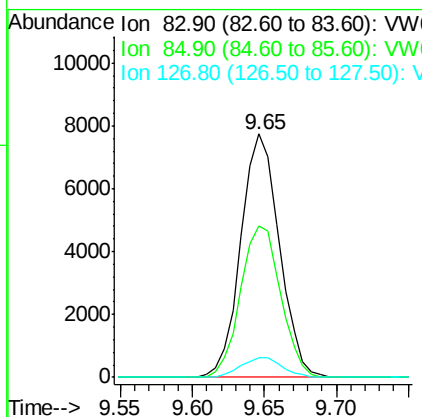
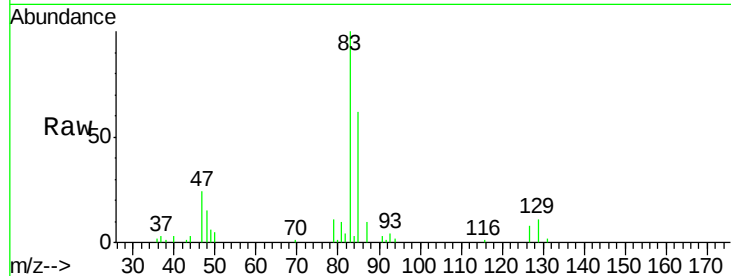




#47
 Bromodichloromethane
 Concen: 4.723 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

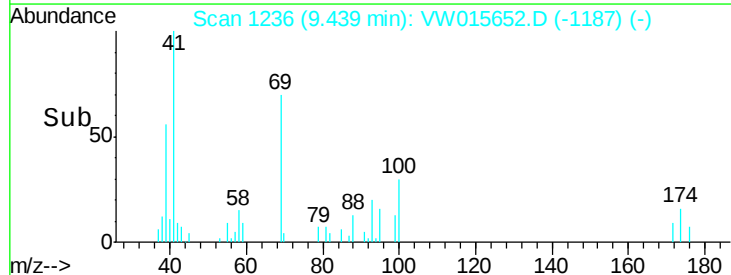
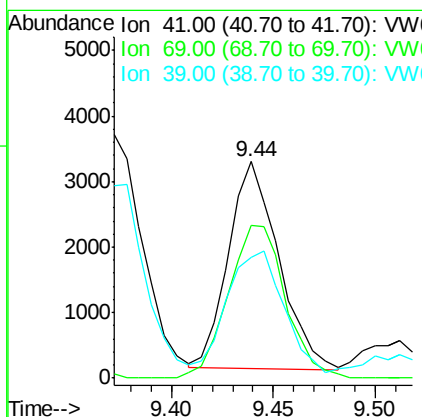
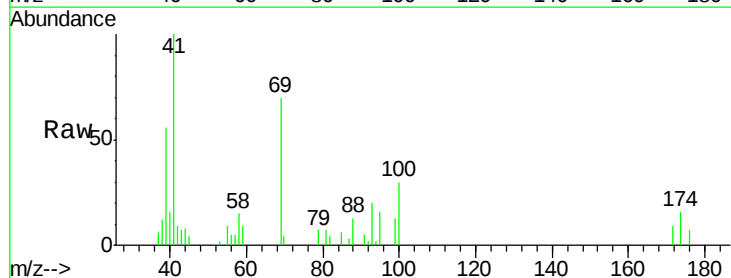
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

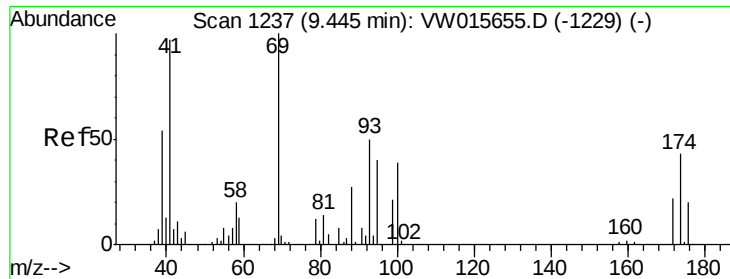
Tgt Ion: 83 Resp: 14348
 Ion Ratio Lower Upper
 83 100
 85 62.1 50.8 76.2
 127 7.9 6.3 9.5



#48
 Methyl methacrylate
 Concen: 4.677 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 41 Resp: 5422
 Ion Ratio Lower Upper
 41 100
 69 83.4 68.2 102.2
 39 72.5 49.8 74.6

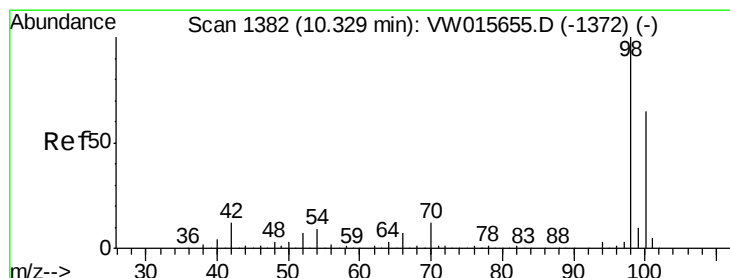
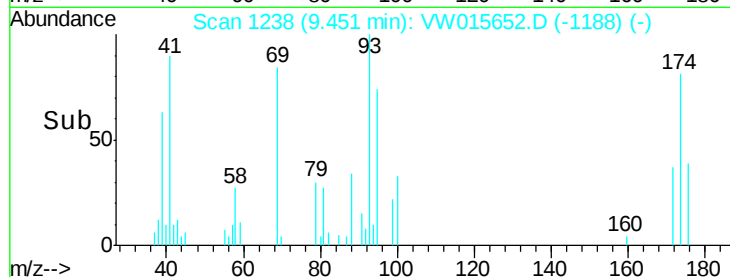
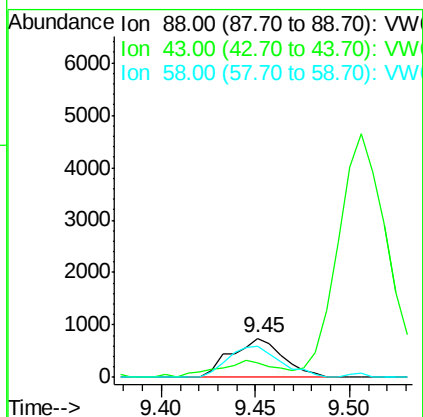
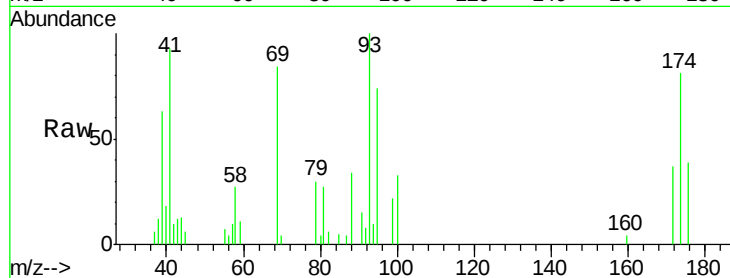




#49
1,4-Dioxane
Concen: 96.038 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

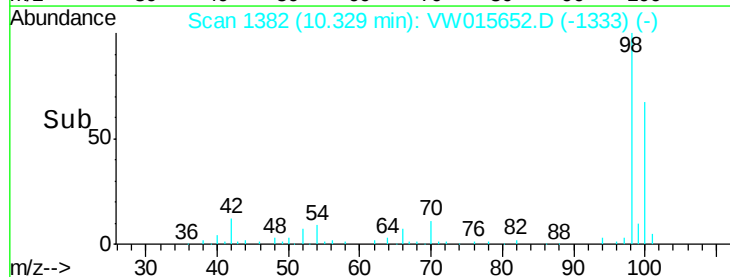
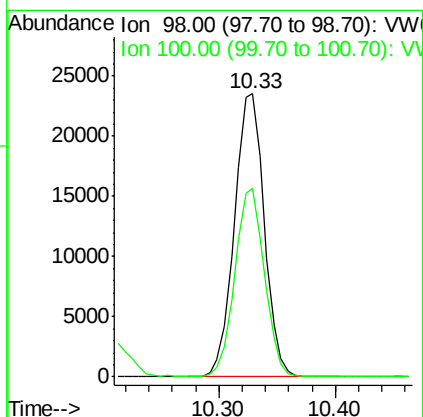
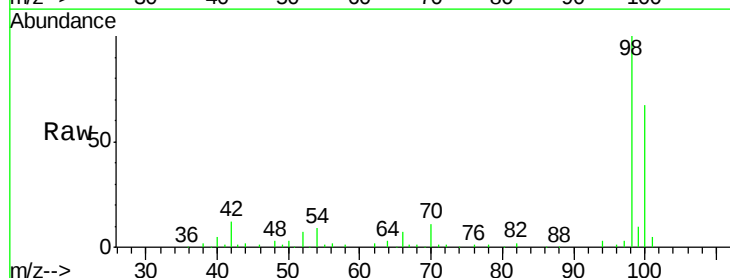
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

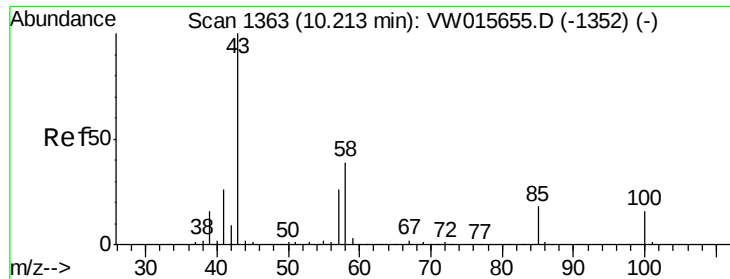
Tgt Ion: 88 Resp: 1417
Ion Ratio Lower Upper
88 100
43 49.1 30.1 45.1#
58 81.3 56.1 84.1



#50
Toluene-d8
Concen: 5.308 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion: 98 Resp: 42157
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2

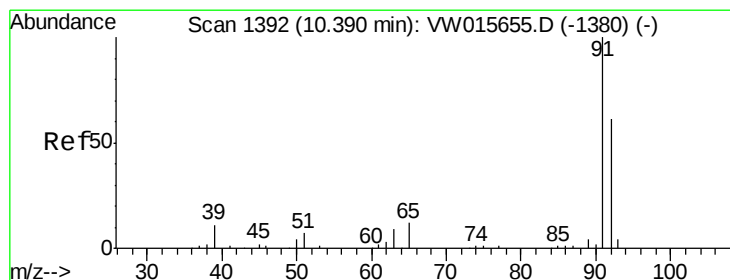
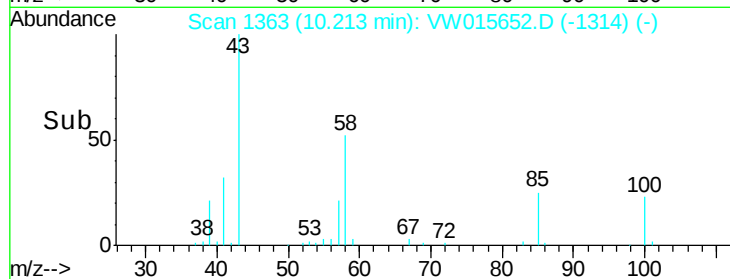
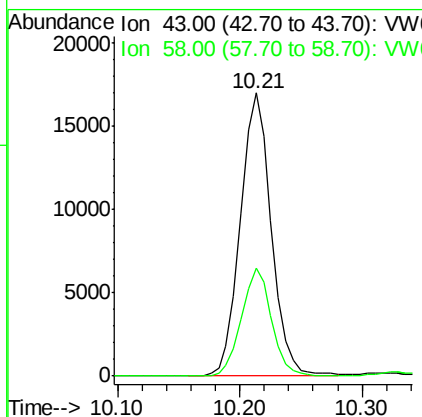
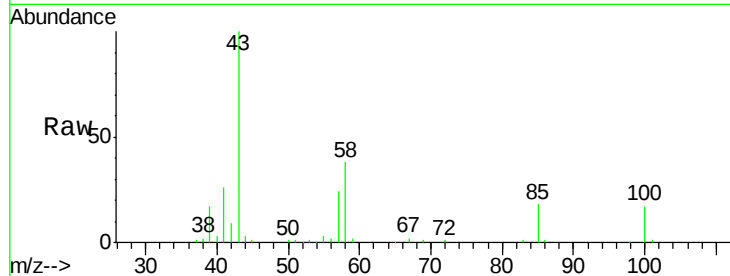




#51
4-Methyl-2-Pentanone
Concen: 24.724 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

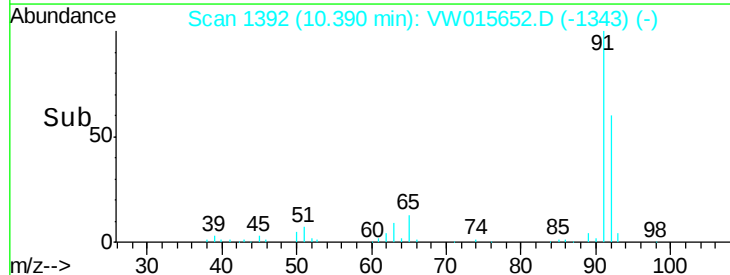
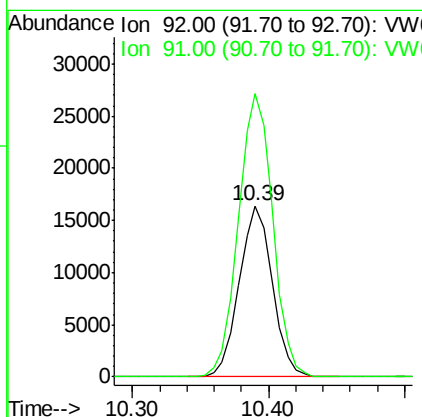
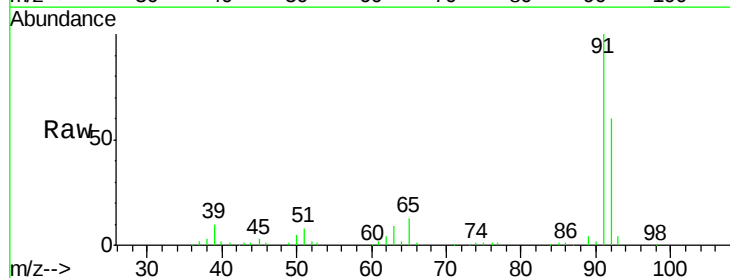
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

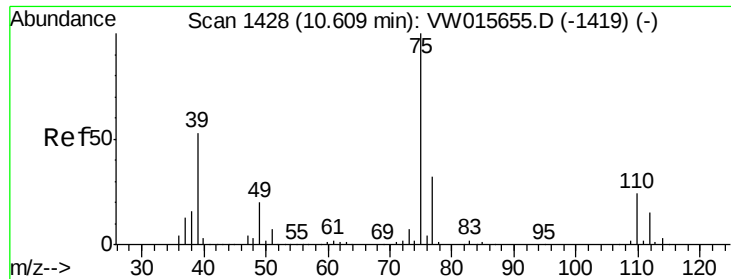
Tgt Ion: 43 Resp: 29726
Ion Ratio Lower Upper
43 100
58 37.0 31.2 46.8



#52
Toluene
Concen: 4.750 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion: 92 Resp: 27900
Ion Ratio Lower Upper
92 100
91 171.5 135.5 203.3

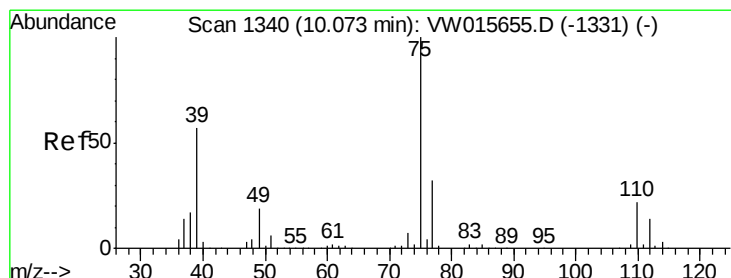
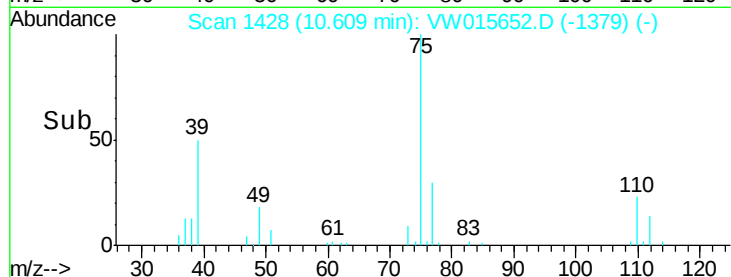
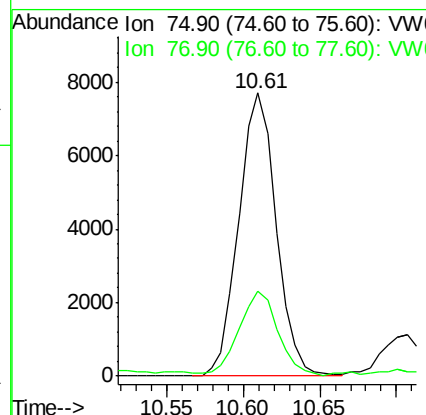
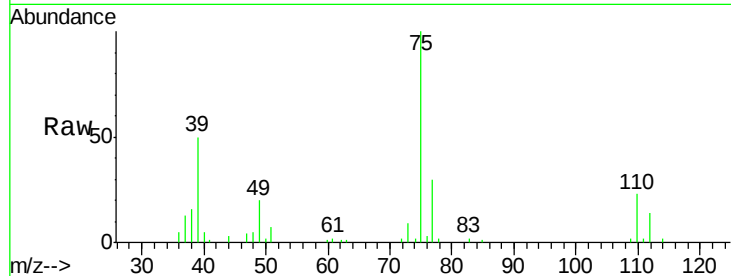




#53
 t-1,3-Dichloropropene
 Concen: 4.415 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

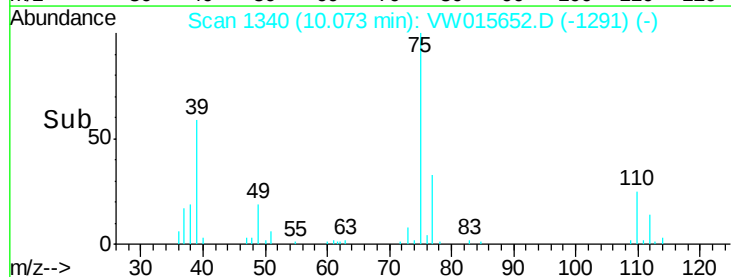
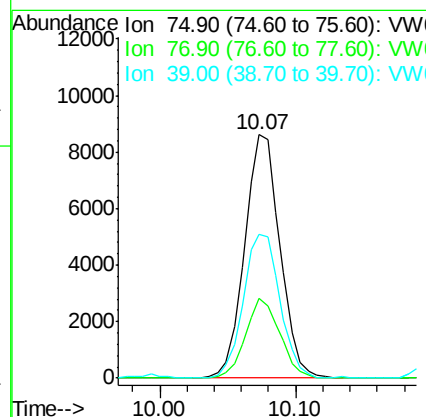
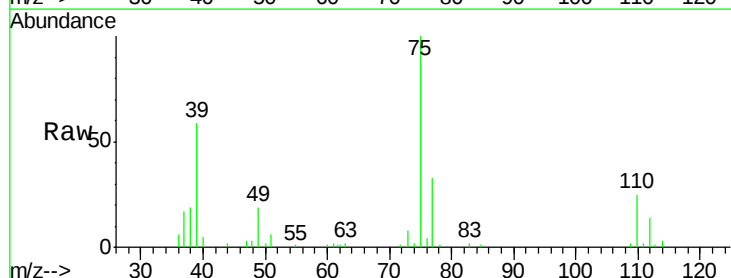
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

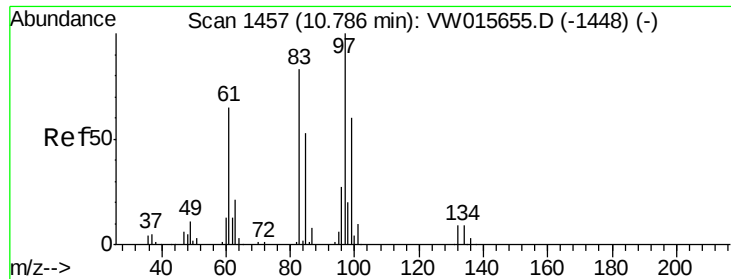
Tgt Ion: 75 Resp: 13113
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.431 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 75 Resp: 15631
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.2
 39 59.0 45.8 68.6

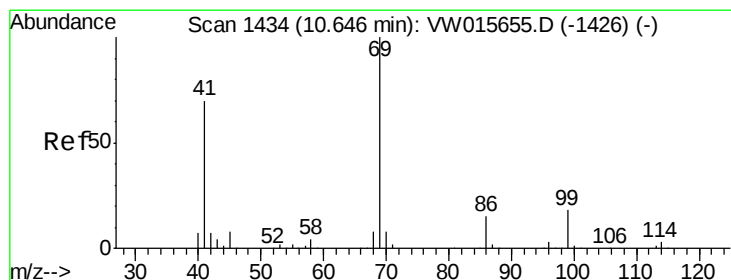
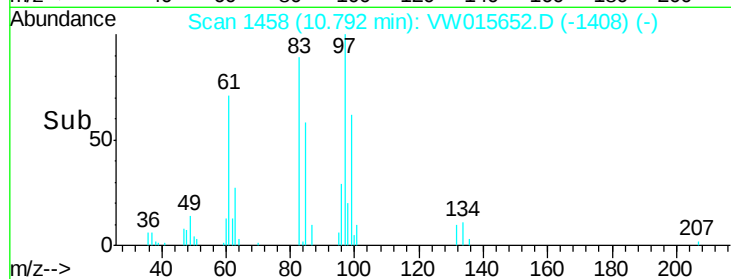
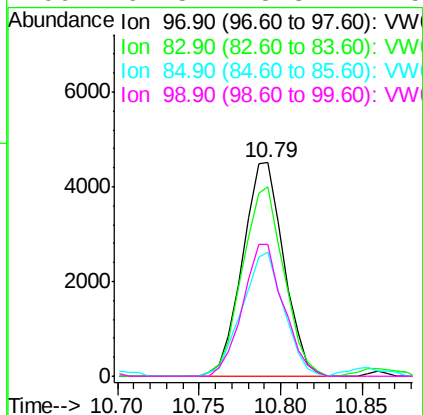
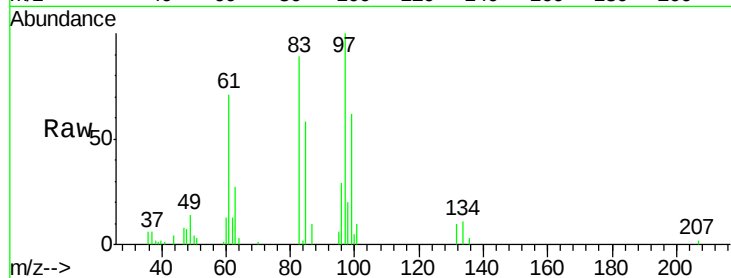




#55
 1,1,2-Trichloroethane
 Concen: 5.078 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

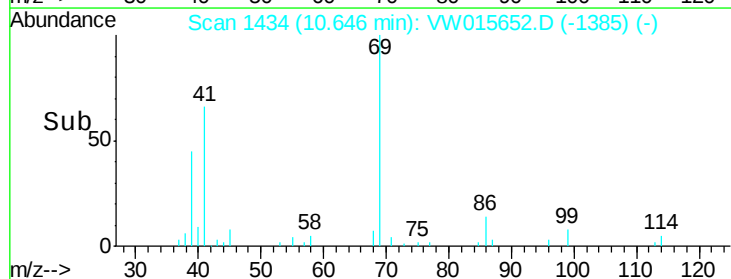
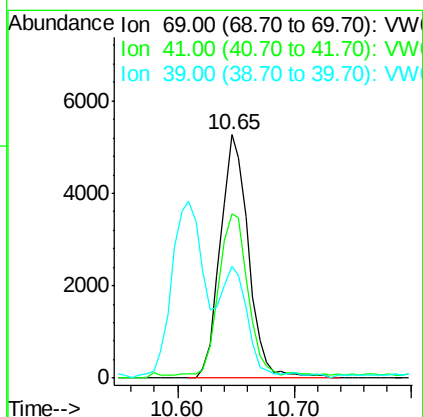
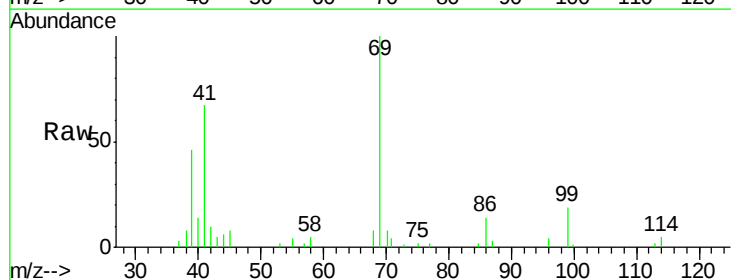
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

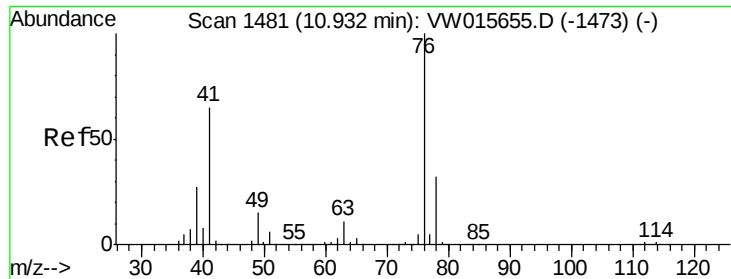
Tgt Ion:	97	Resp:	7939
Ion	Ratio	Lower	Upper
97	100		
83	88.6	66.3	99.5
85	57.9	42.5	63.7
99	61.8	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 4.371 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion:	69	Resp:	8820
Ion	Ratio	Lower	Upper
69	100		
41	67.3	55.8	83.6
39	41.6	29.5	44.3

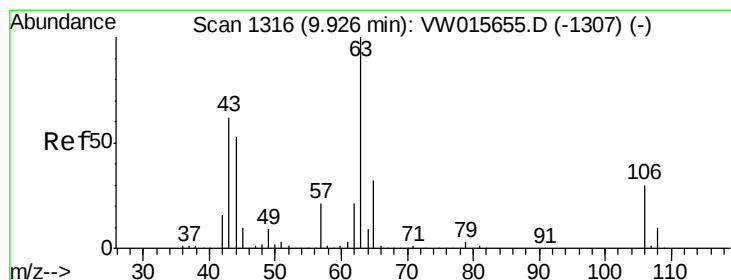
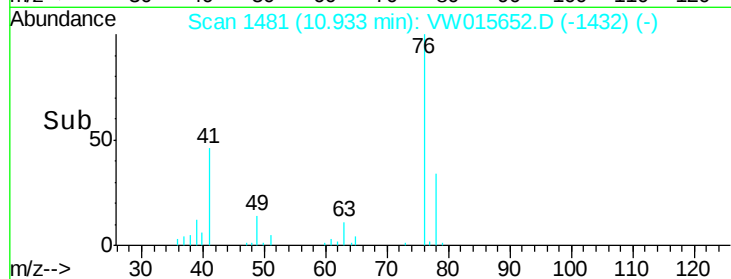
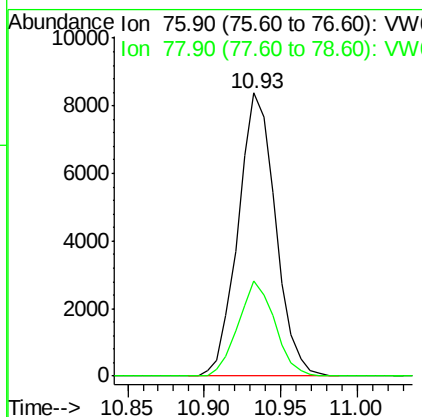
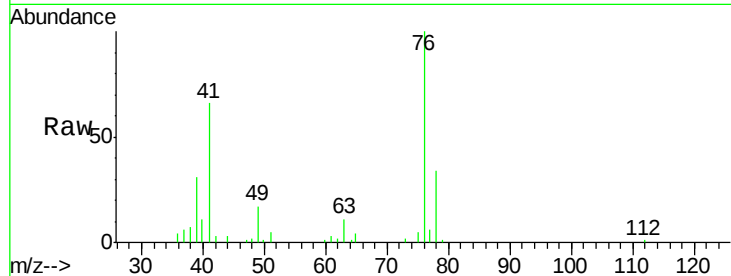




#57
 1,3-Dichloropropane
 Concen: 5.134 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

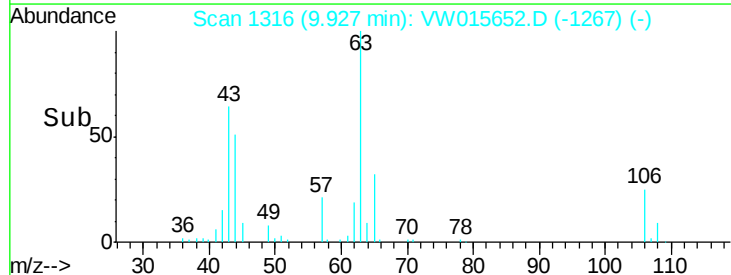
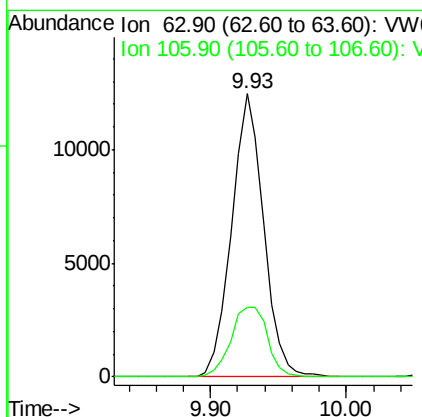
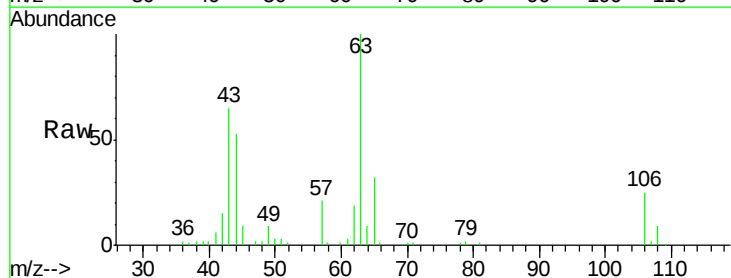
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

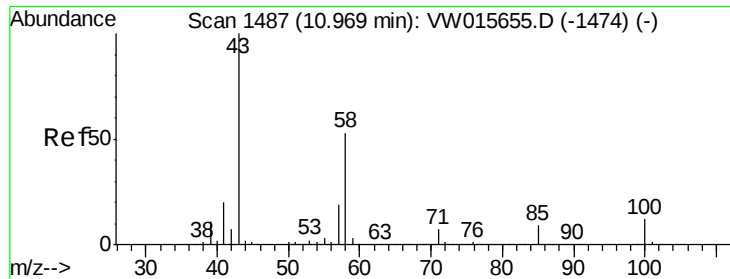
Tgt Ion: 76 Resp: 14222
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.059 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 63 Resp: 20317
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.3 34.9





#59

2-Hexanone

Concen: 23.292 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

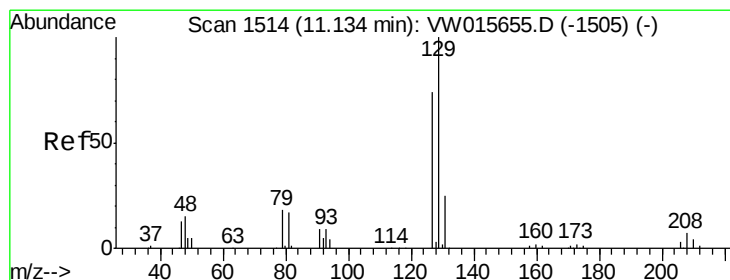
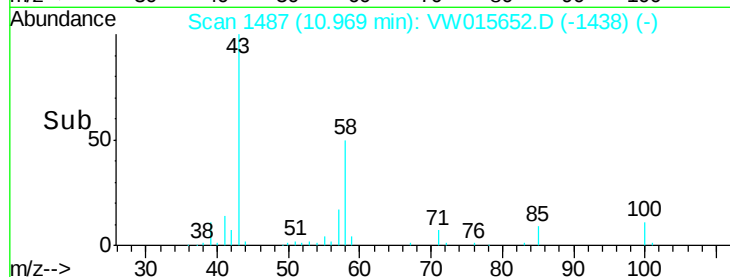
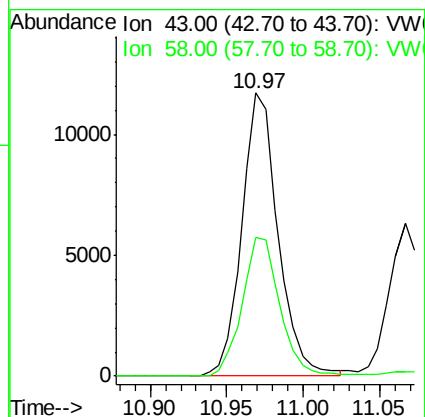
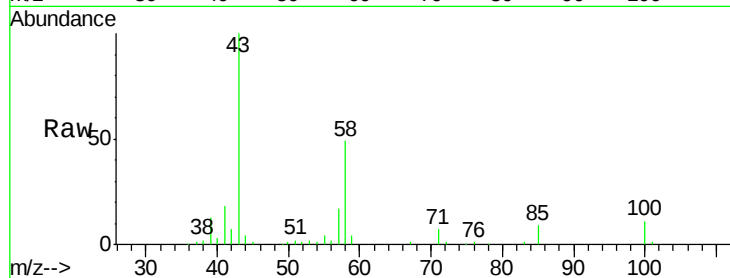
VSTDIC005

Tgt Ion: 43 Resp: 19251

Ion Ratio Lower Upper

43 100

58 51.1 26.5 79.4



#60

Dibromochloromethane

Concen: 4.367 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW015652.D

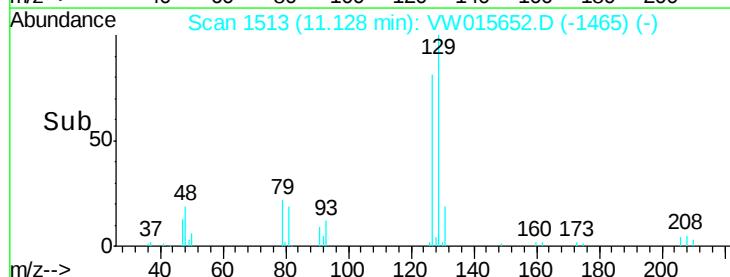
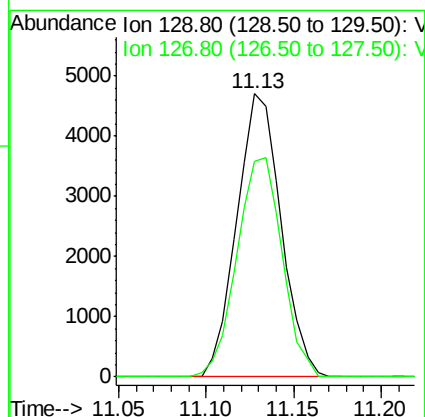
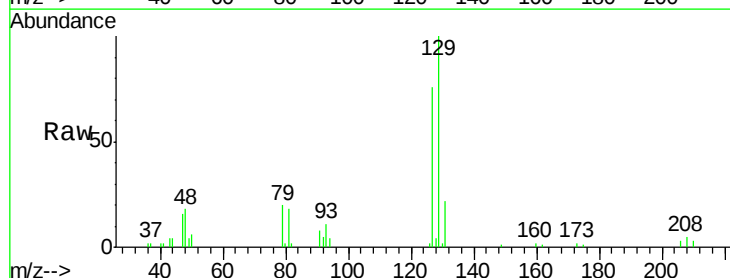
Acq: 23 Jun 2020 10:53

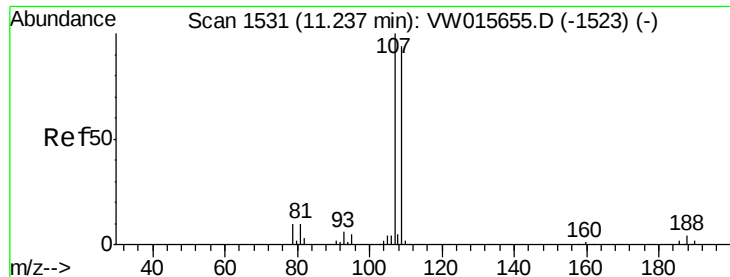
Tgt Ion: 129 Resp: 8307

Ion Ratio Lower Upper

129 100

127 79.1 38.0 114.1





#61

1,2-Dibromoethane

Concen: 5.009 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

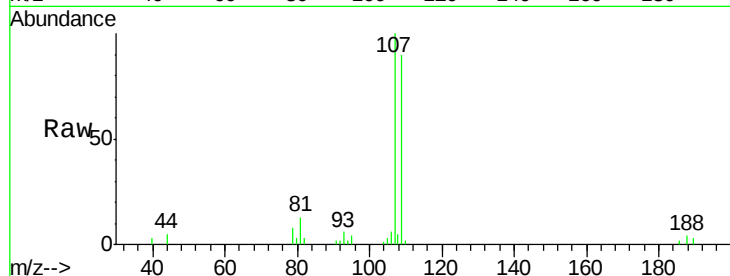
VSTDIC005

Tgt Ion: 107 Resp: 7484

Ion Ratio Lower Upper

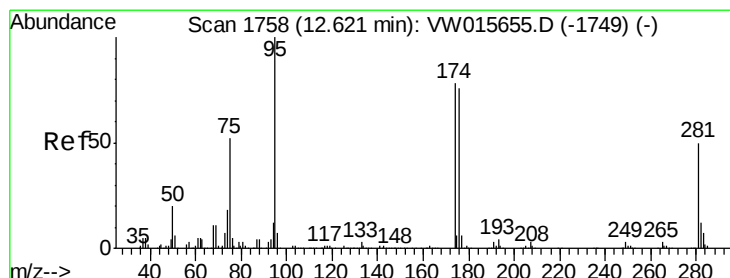
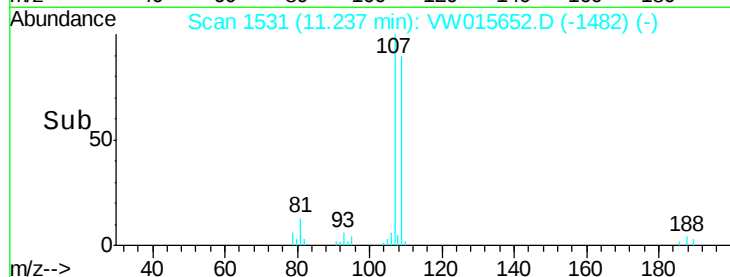
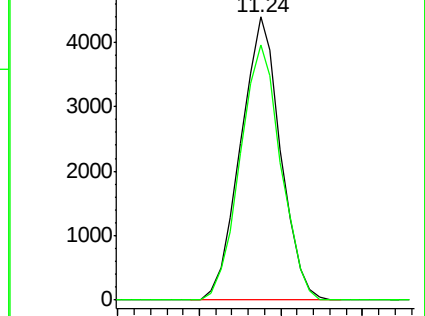
107 100

109 91.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.397 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

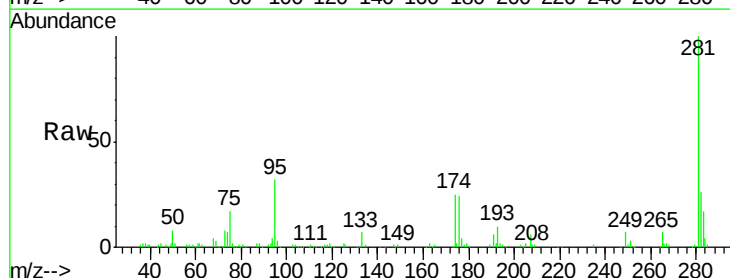
Tgt Ion: 95 Resp: 15550

Ion Ratio Lower Upper

95 100

174 78.9 0.0 157.0

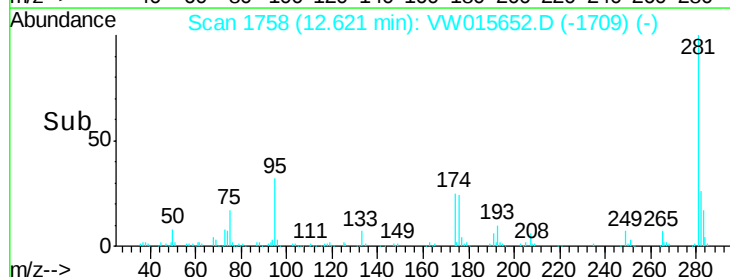
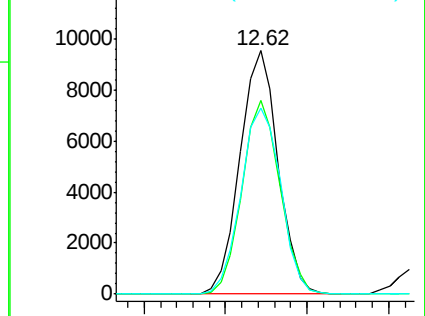
176 79.6 0.0 151.4

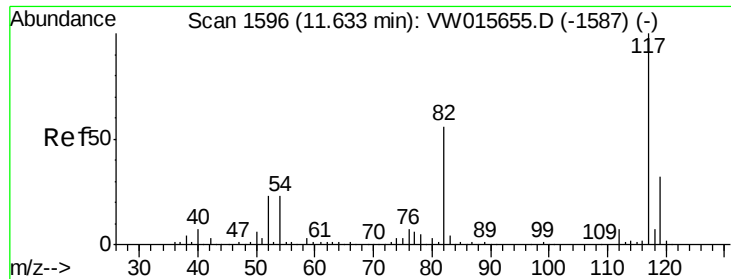


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

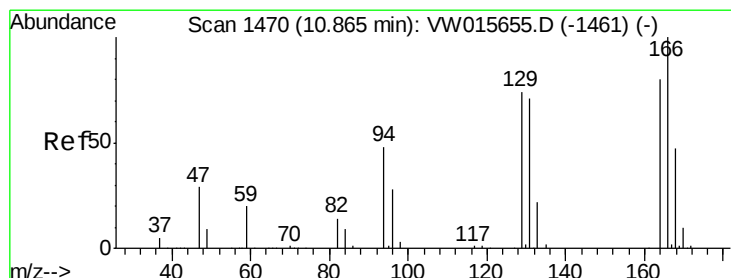
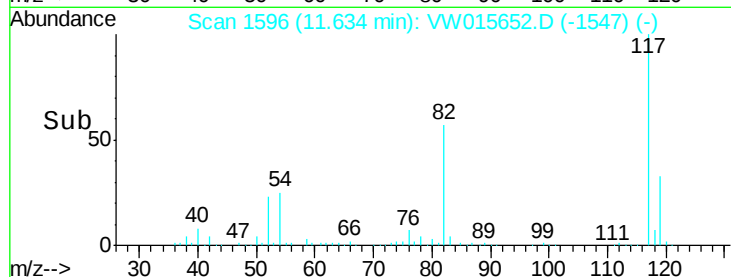
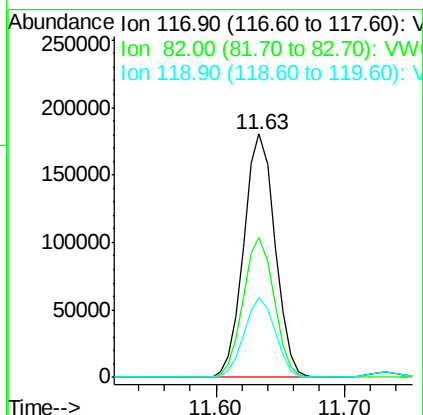
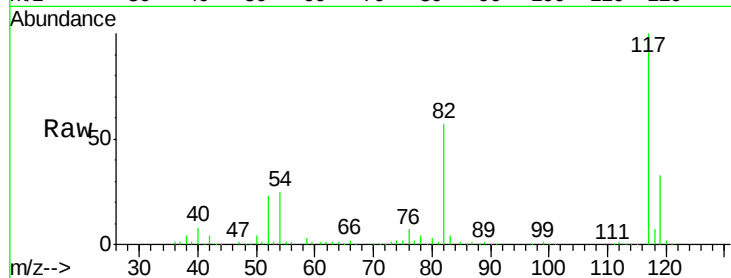




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

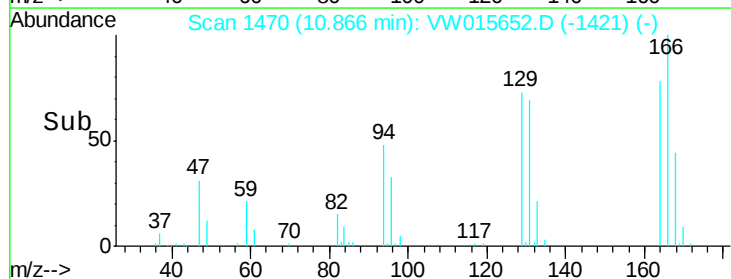
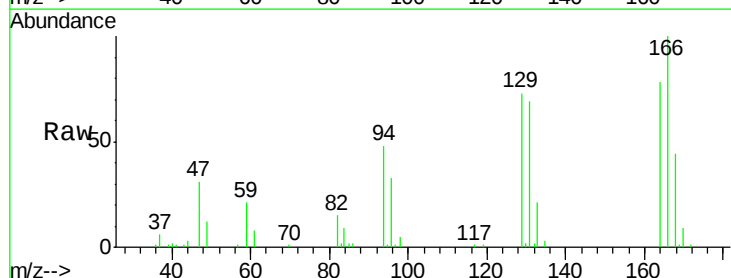
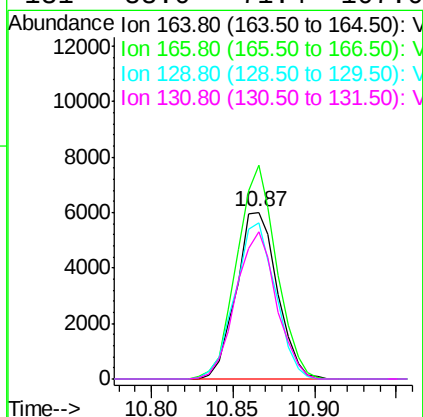
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

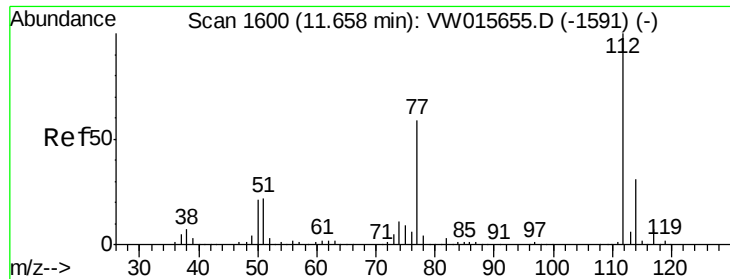
Tgt Ion:117 Resp: 301867
Ion Ratio Lower Upper
117 100
82 57.5 45.1 67.7
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 5.123 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion:164 Resp: 10545
Ion Ratio Lower Upper
164 100
166 127.9 99.9 149.9
129 93.6 74.2 111.2
131 88.0 71.4 107.0

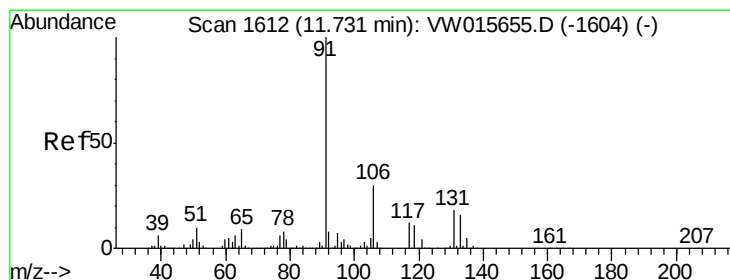
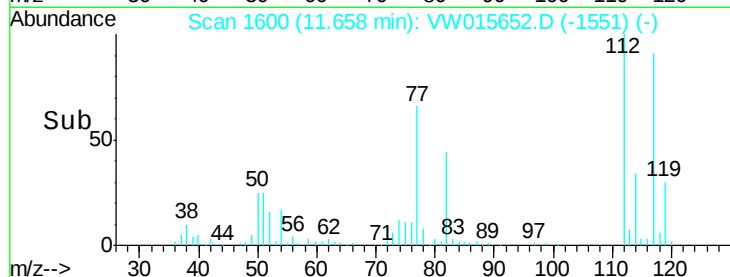
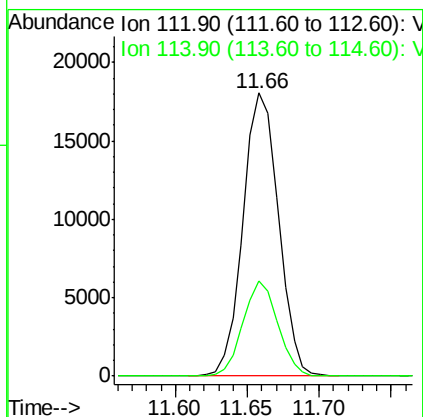
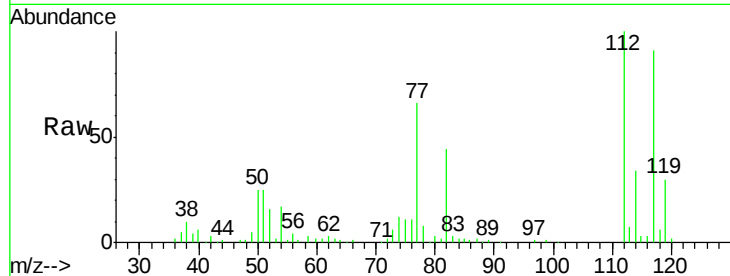




#65
Chlorobenzene
Concen: 4.976 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

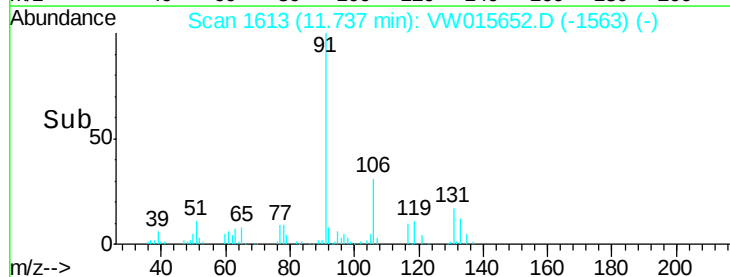
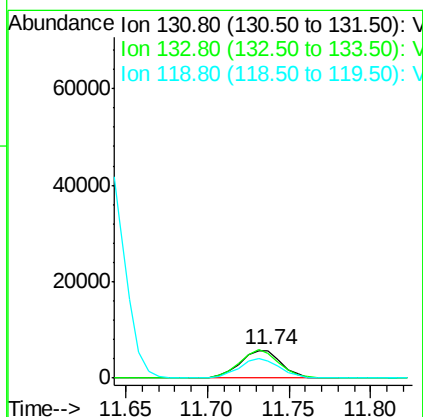
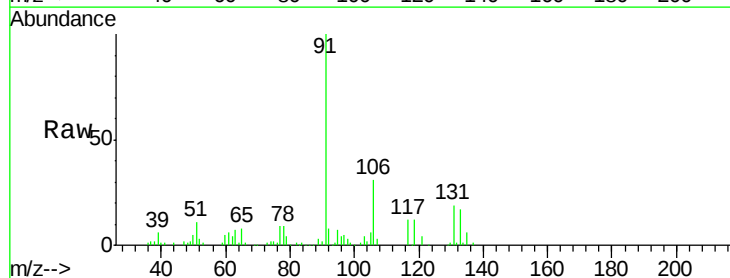
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

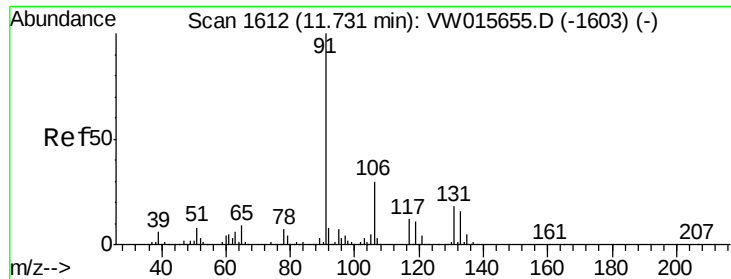
Tgt Ion:112 Resp: 30844
Ion Ratio Lower Upper
112 100
114 33.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.586 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion:131 Resp: 10137
Ion Ratio Lower Upper
131 100
133 97.3 46.5 139.5
119 67.7 32.5 97.5

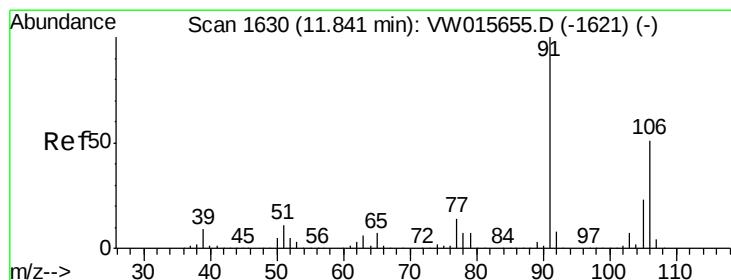
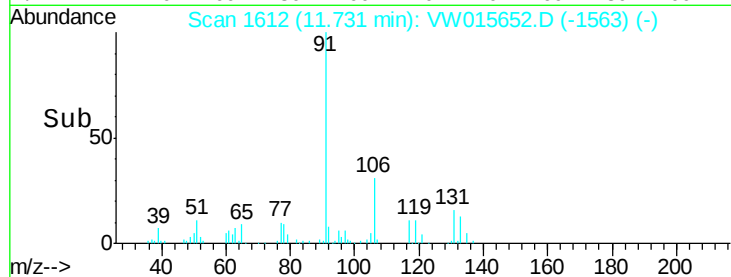
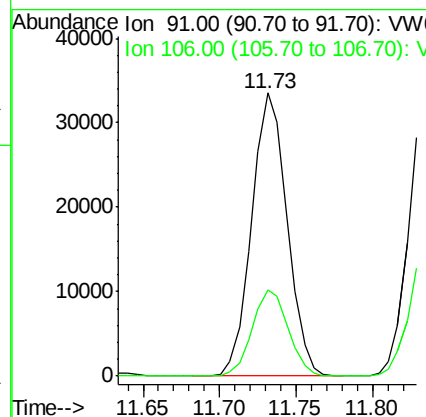
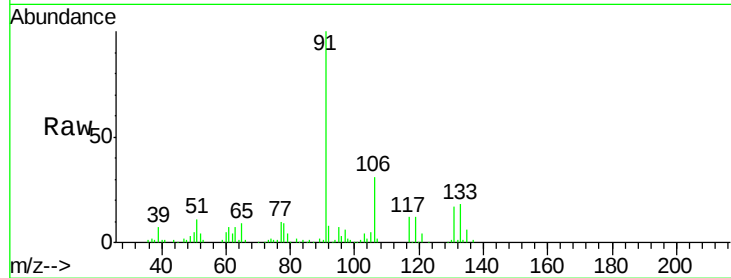




#67
Ethyl Benzene
Concen: 4.635 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

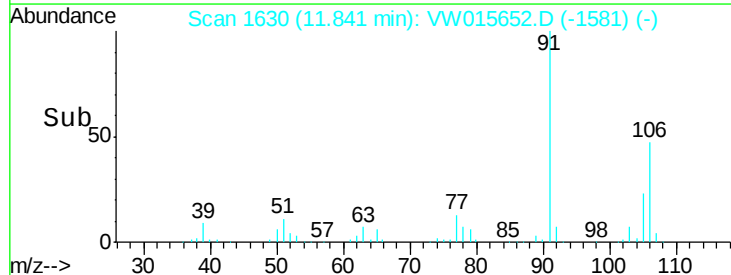
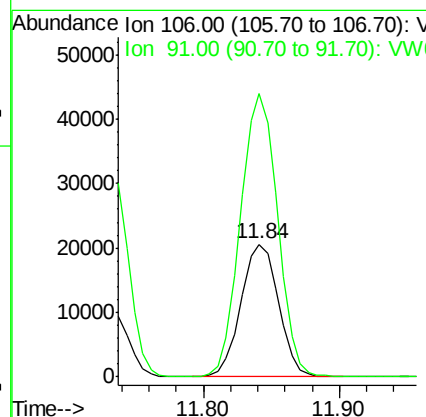
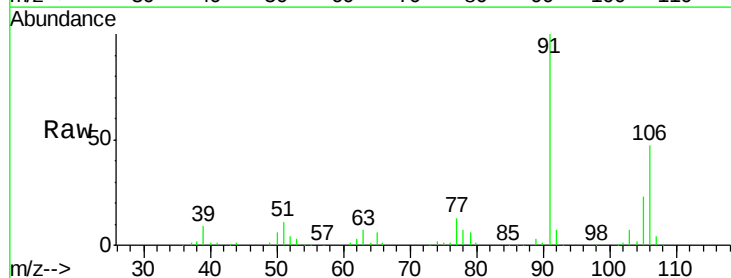
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

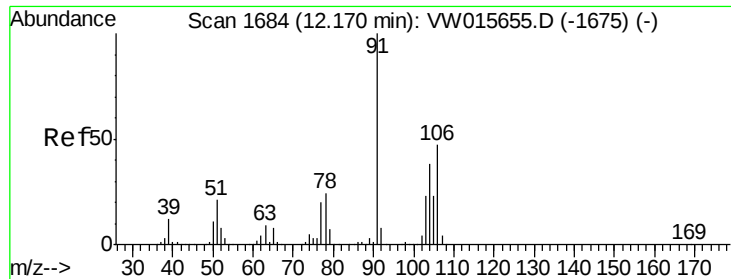
Tgt Ion: 91 Resp: 54101
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1



#68
m/p-Xylenes
Concen: 9.088 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion: 106 Resp: 39609
Ion Ratio Lower Upper
106 100
91 211.8 162.6 244.0

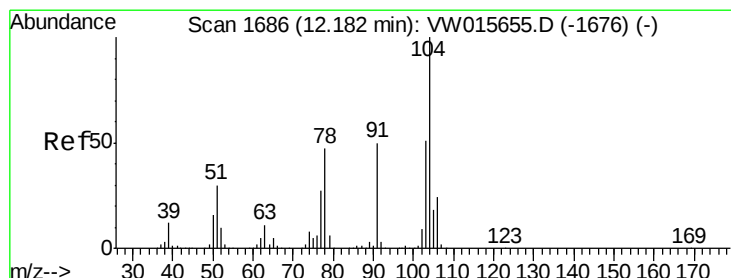
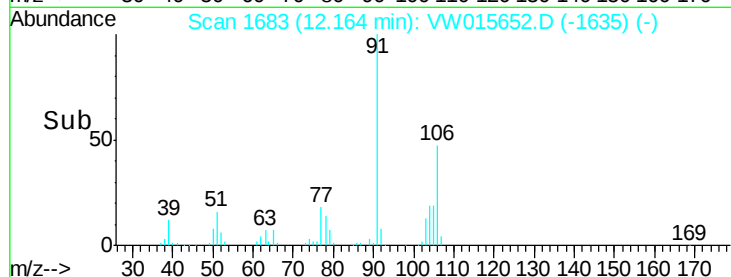
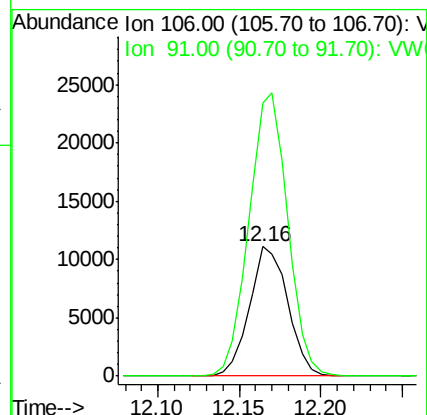
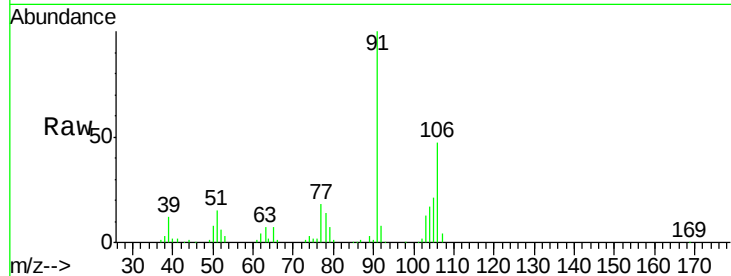




#69
o-Xylene
Concen: 4.488 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

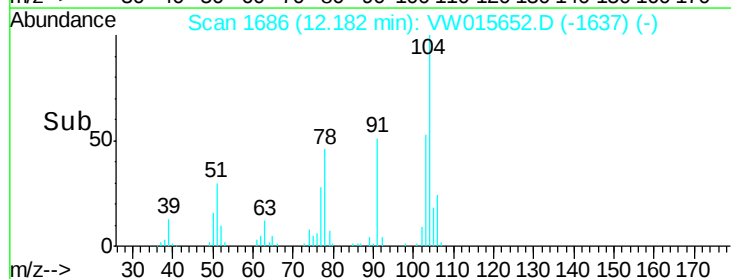
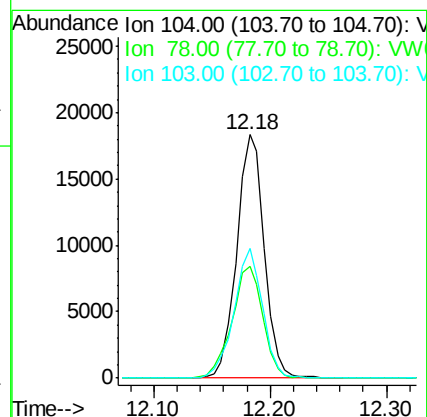
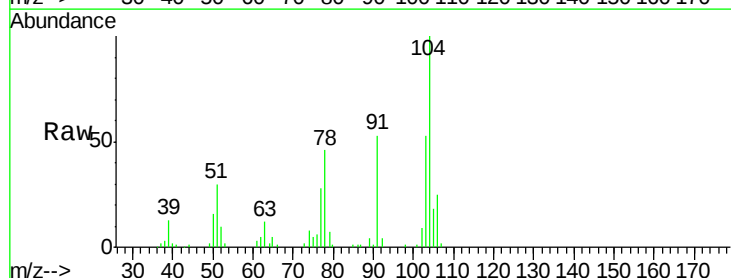
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

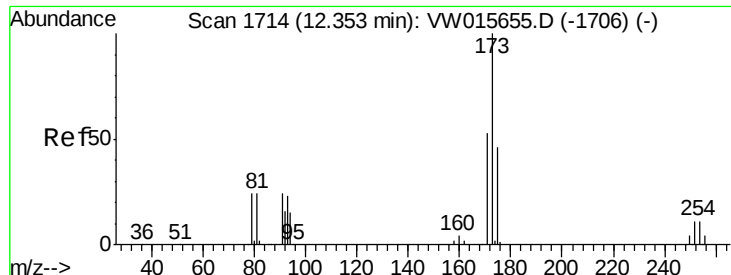
Tgt Ion:106 Resp: 18157
Ion Ratio Lower Upper
106 100
91 221.6 108.3 324.9



#70
Styrene
Concen: 4.353 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion:104 Resp: 30076
Ion Ratio Lower Upper
104 100
78 51.6 40.9 61.3
103 55.2 43.1 64.7

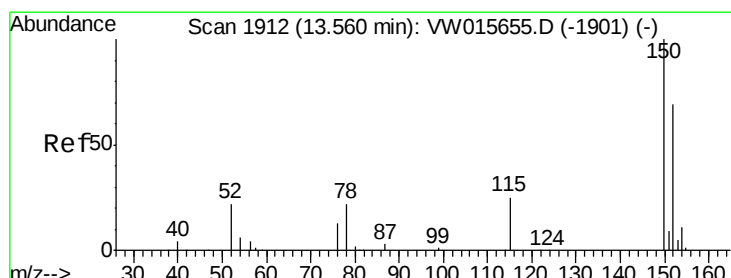
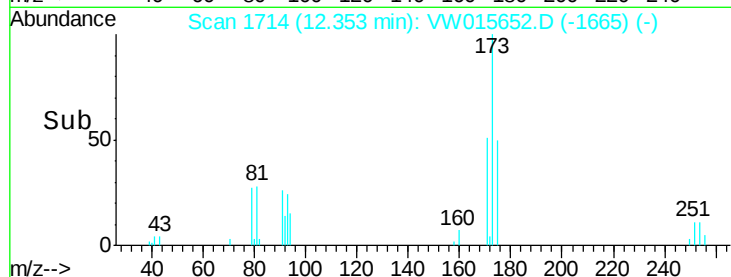
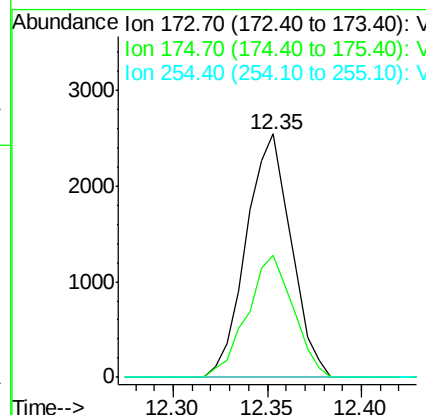
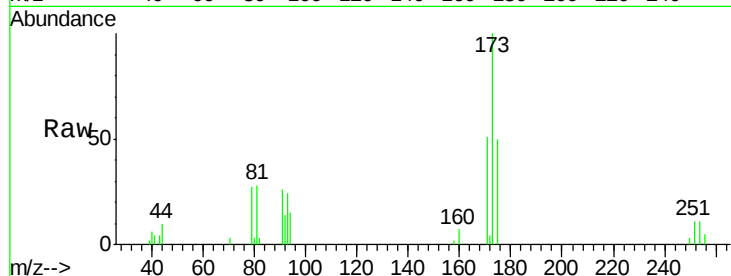




#71
Bromoform
Concen: 4.020 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

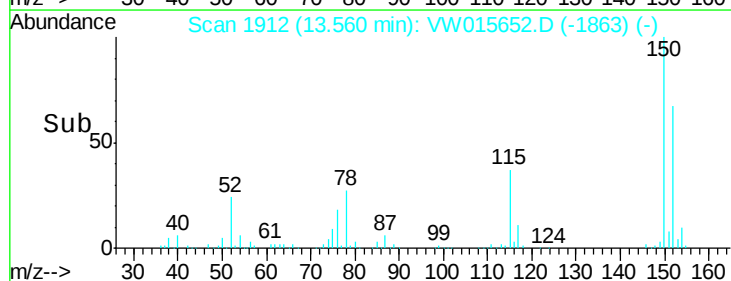
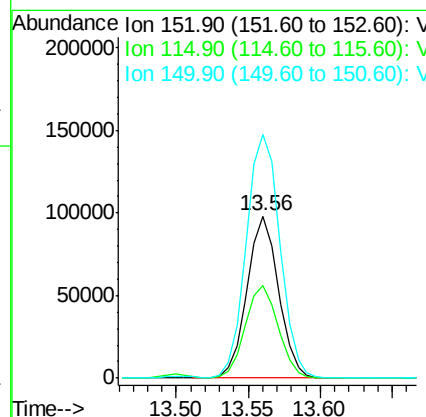
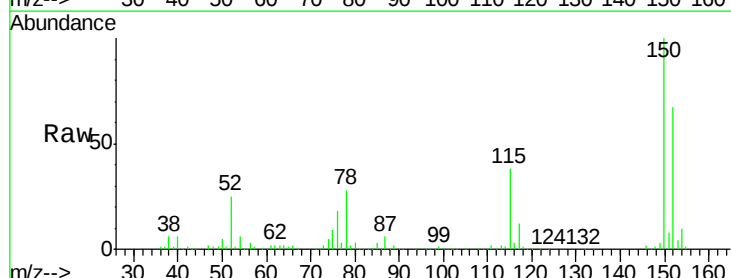
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

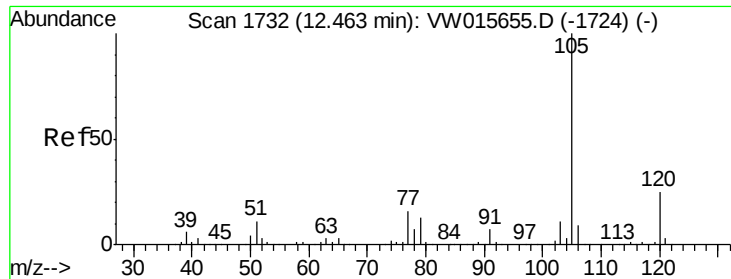
Tgt Ion:173 Resp: 4197
Ion Ratio Lower Upper
173 100
175 51.3 23.5 70.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion:152 Resp: 149001
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.5
150 160.2 0.0 345.6





#73

Isopropylbenzene

Concen: 4.466 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

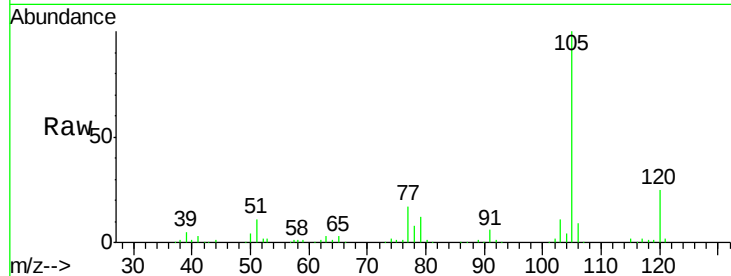
VSTDIC005

Tgt Ion: 105 Resp: 51004

Ion Ratio Lower Upper

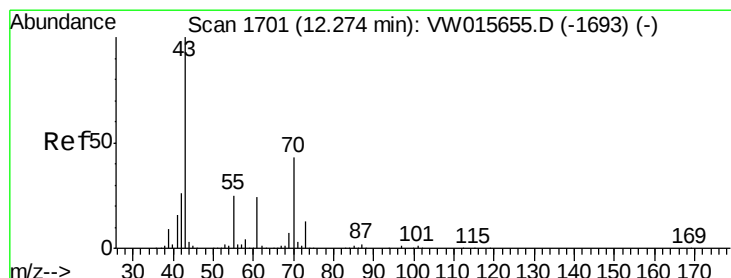
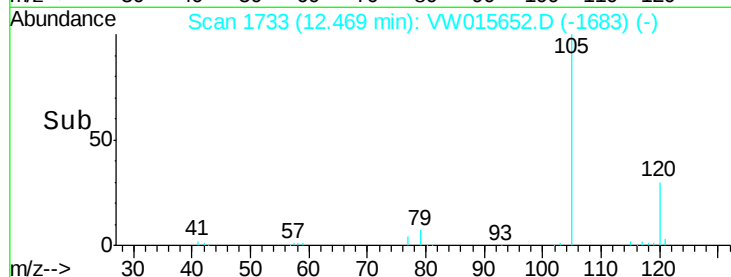
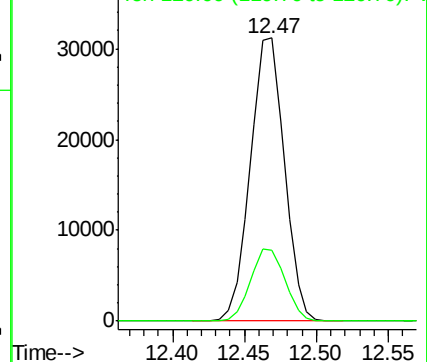
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.622 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Tgt Ion: 43 Resp: 11082

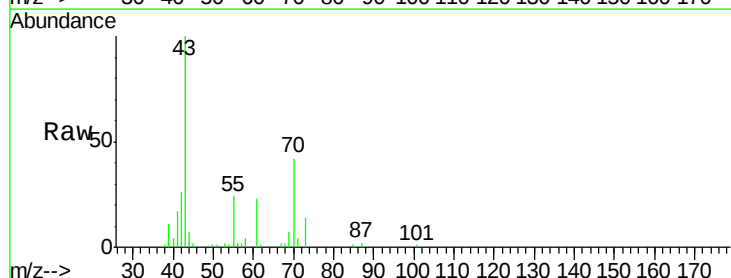
Ion Ratio Lower Upper

43 100

70 39.5 33.6 50.4

55 24.4 19.7 29.5

61 22.2 18.7 28.1

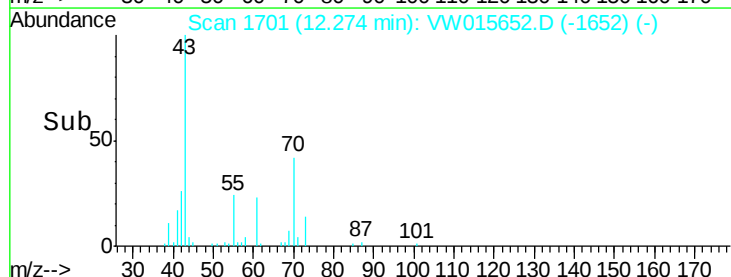
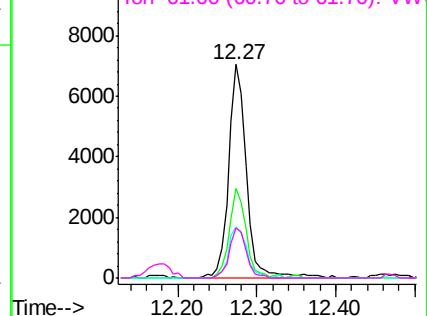


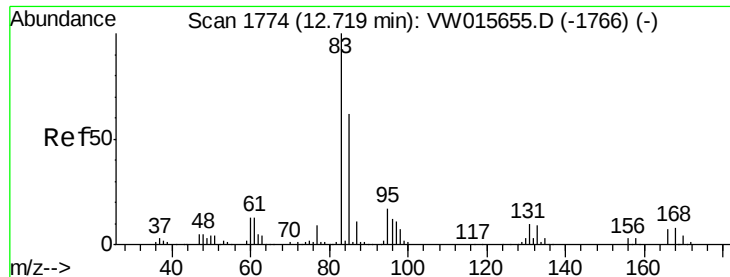
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 5.148 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

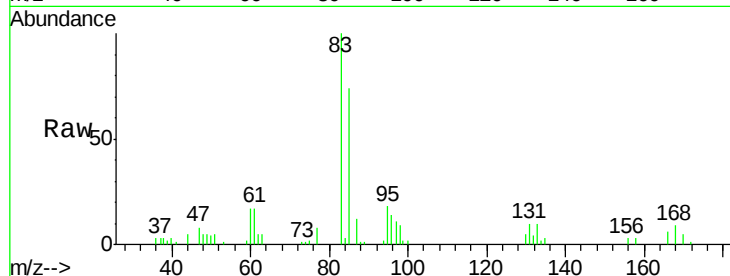
Tgt Ion: 83 Resp: 8928

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

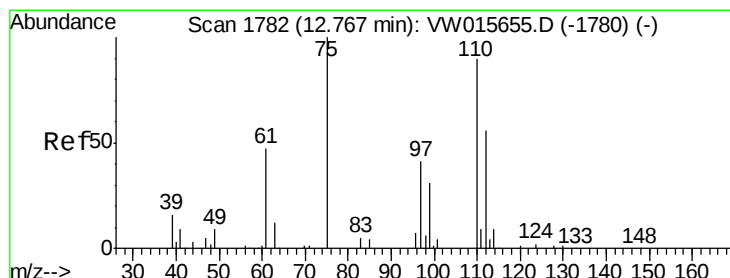
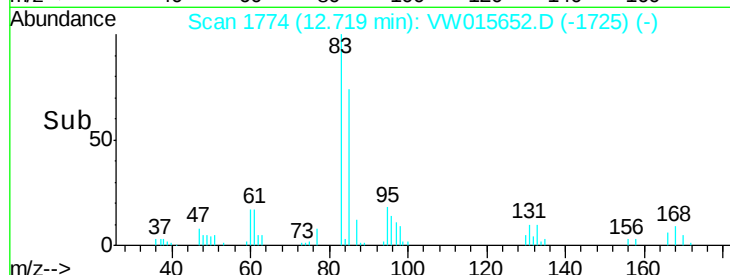
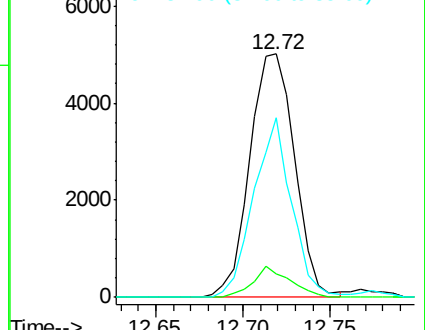
85 62.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 8.873 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015652.D

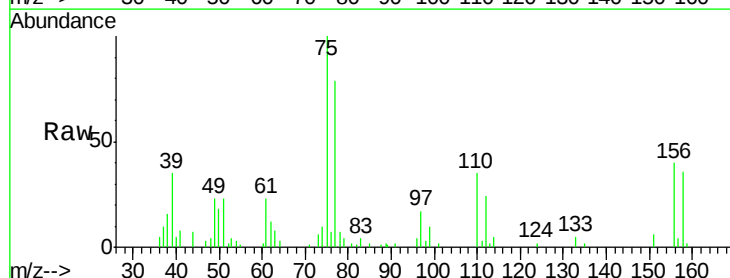
Acq: 23 Jun 2020 10:53

Tgt Ion: 75 Resp: 11130

Ion Ratio Lower Upper

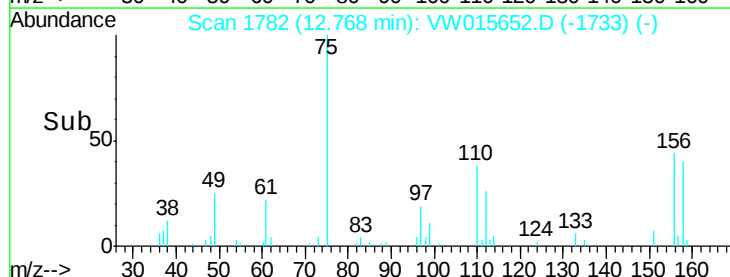
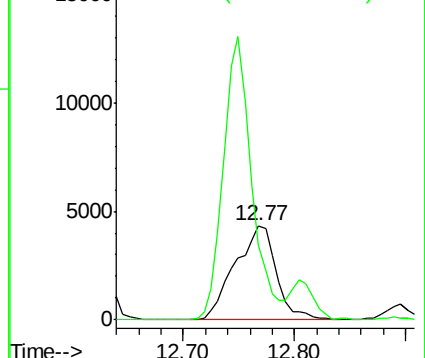
75 100

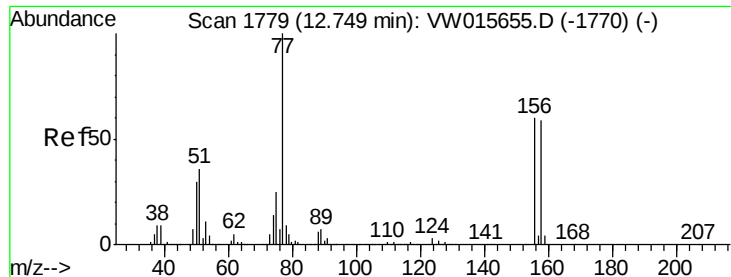
77 206.0 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.014 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

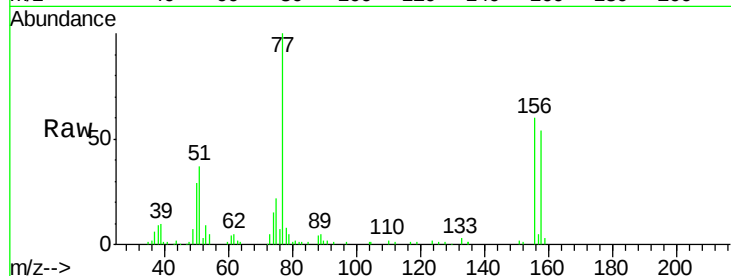
Tgt Ion: 156 Resp: 12358

Ion Ratio Lower Upper

156 100

77 185.5 94.5 283.5

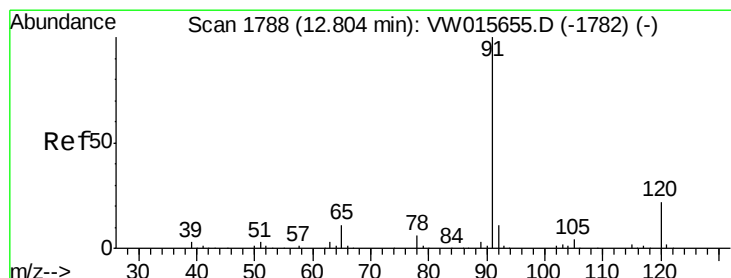
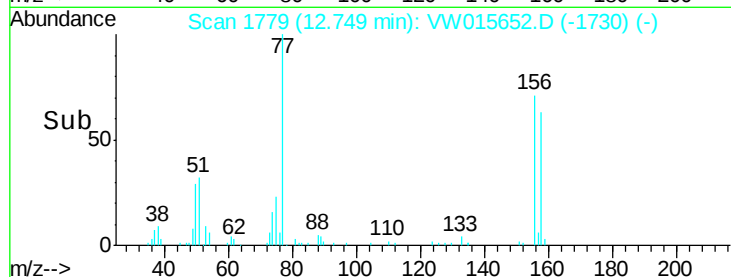
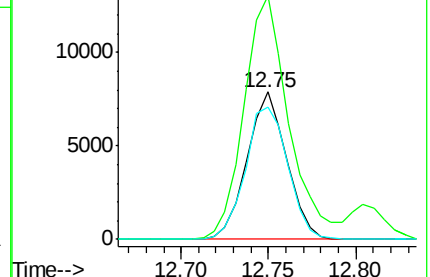
158 96.6 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.558 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015652.D

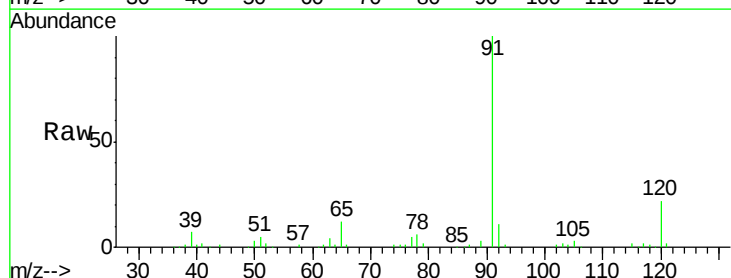
Acq: 23 Jun 2020 10:53

Tgt Ion: 91 Resp: 62359

Ion Ratio Lower Upper

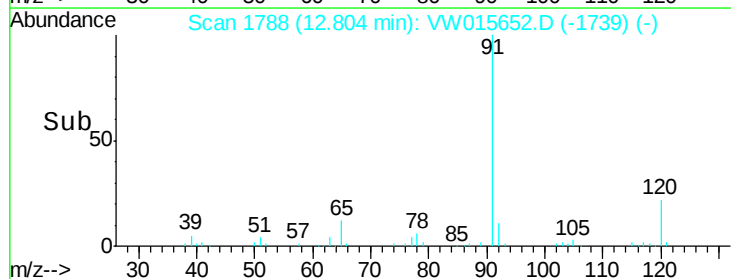
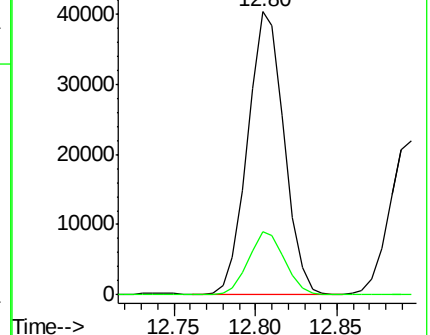
91 100

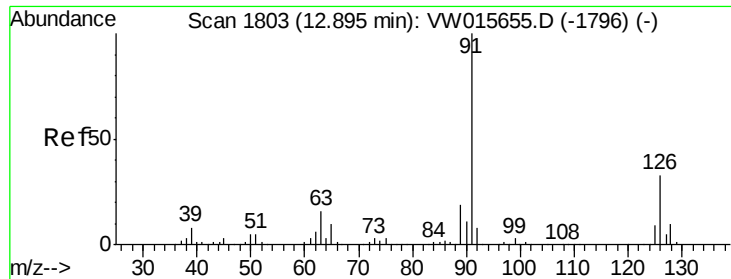
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

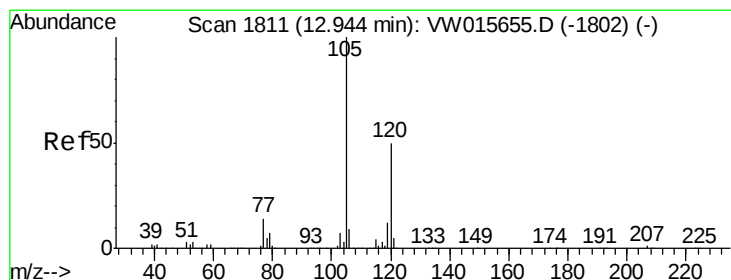
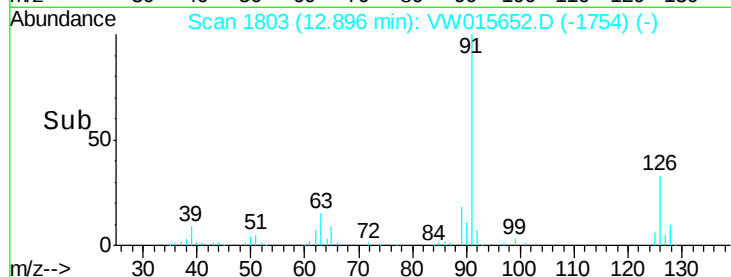
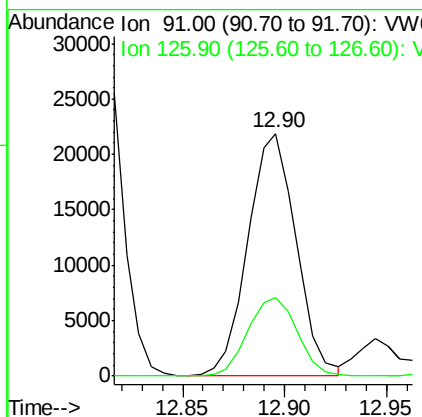
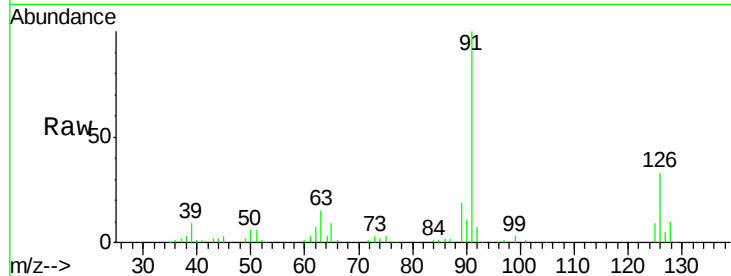




#79
 2-Chlorotoluene
 Concen: 4.642 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

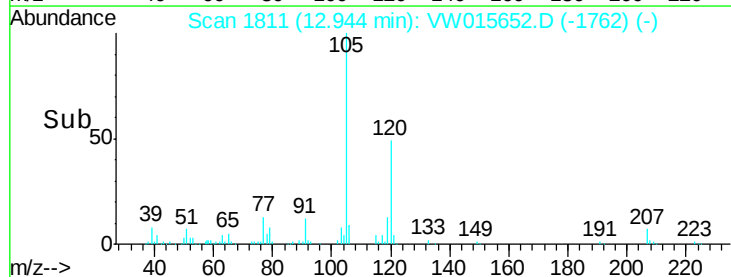
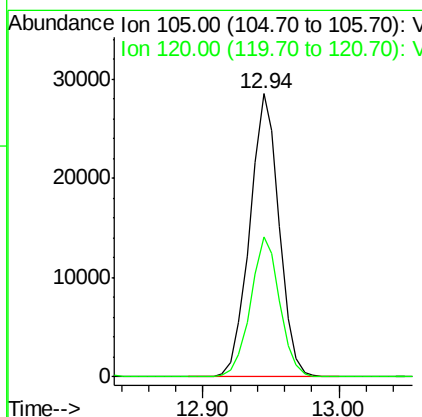
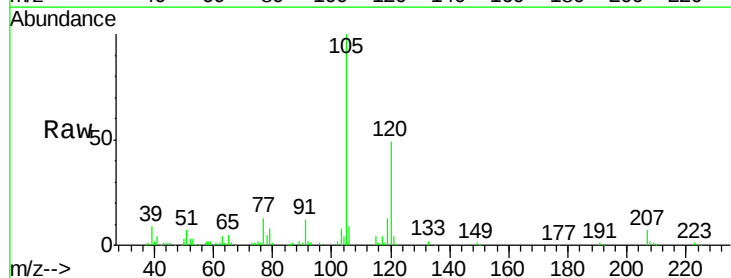
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

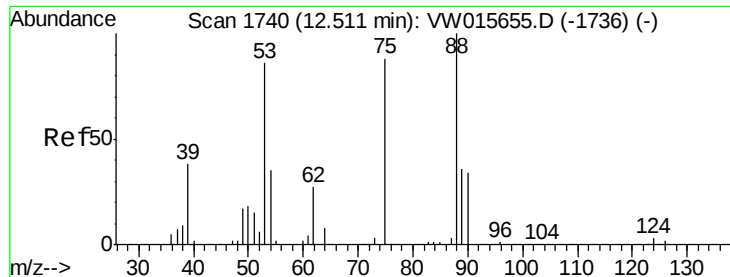
Tgt Ion: 91 Resp: 35853
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 4.469 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 105 Resp: 43126
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.2

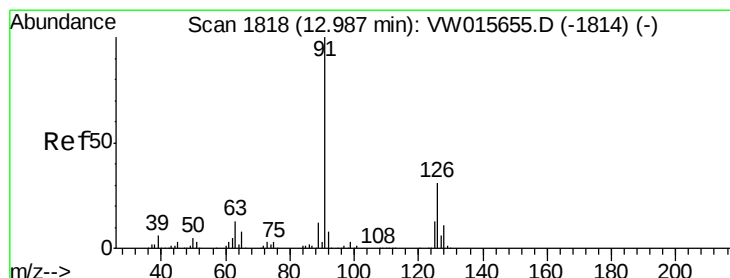
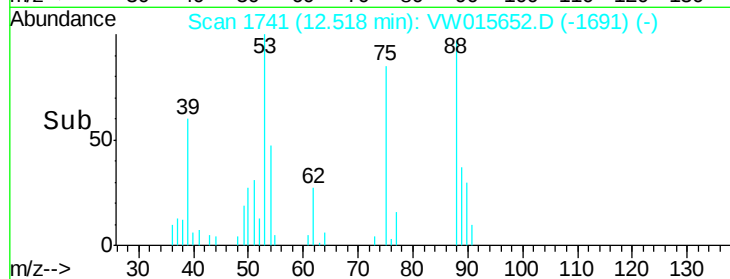
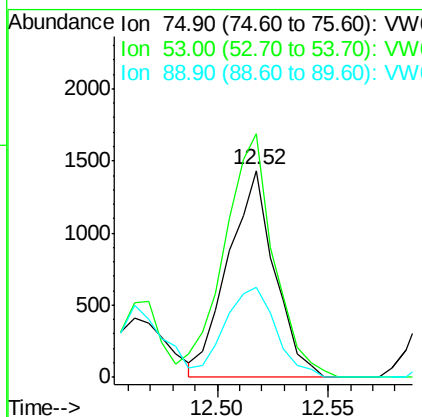
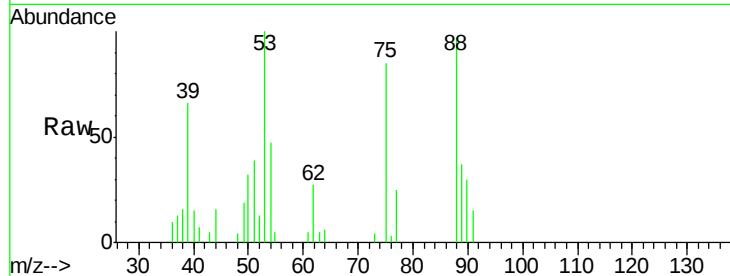




#81
trans-1,4-Dichloro-2-butene
Concen: 3.674 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

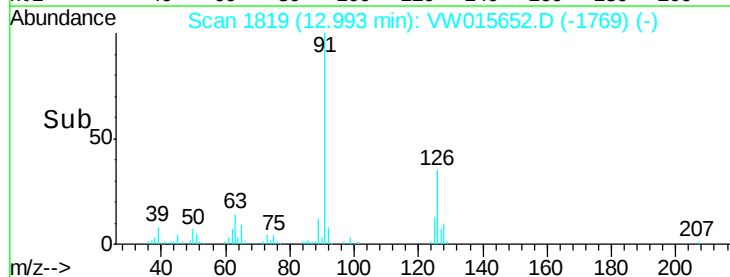
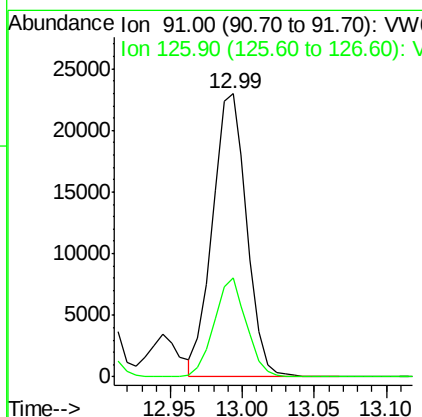
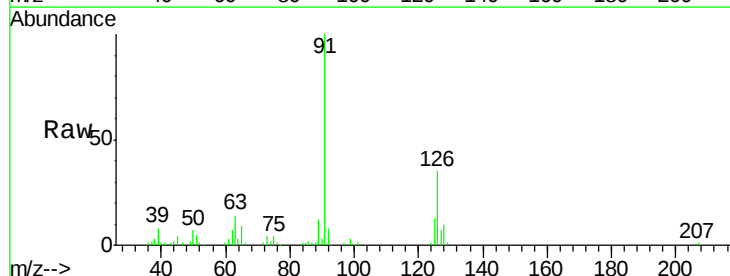
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

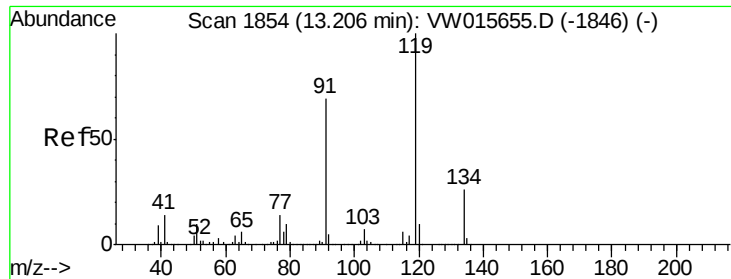
Tgt Ion: 75 Resp: 2082
Ion Ratio Lower Upper
75 100
53 126.1 83.8 125.8#
89 48.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 4.755 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion: 91 Resp: 38065
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.9

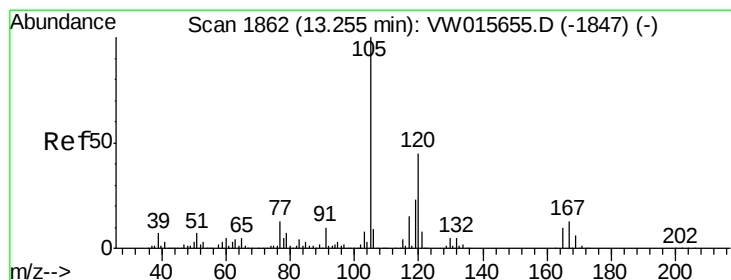
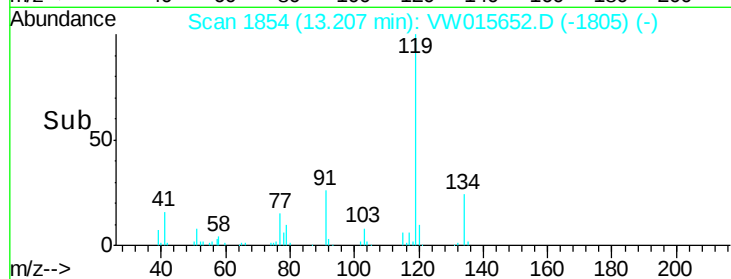
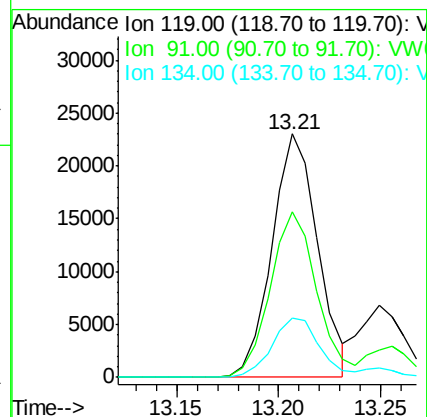
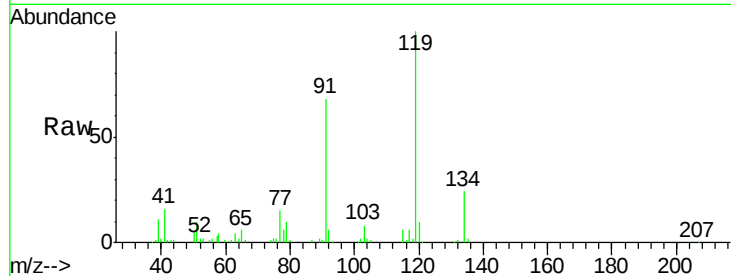




#83
 tert-Butylbenzene
 Concen: 4.395 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

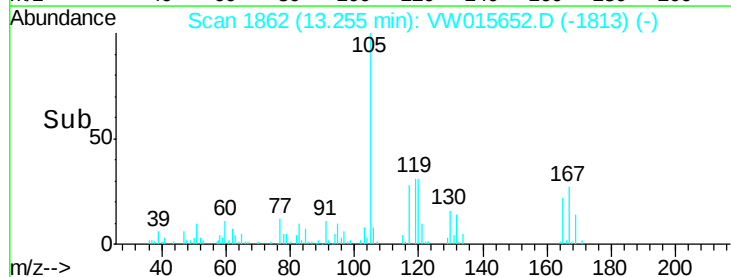
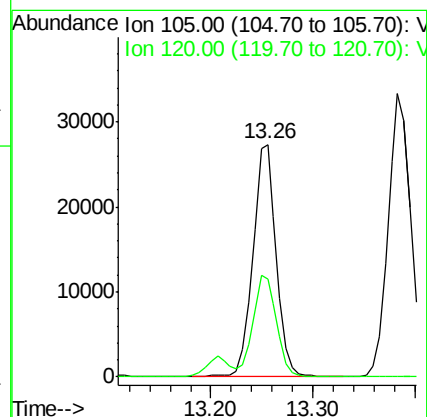
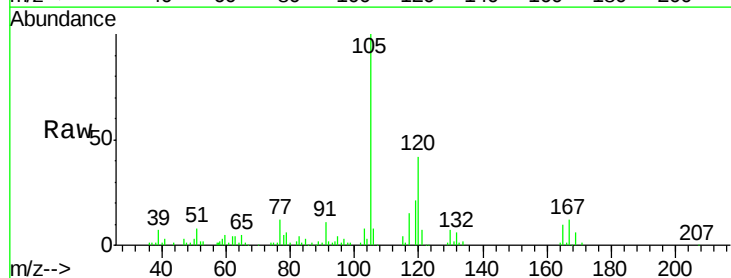
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

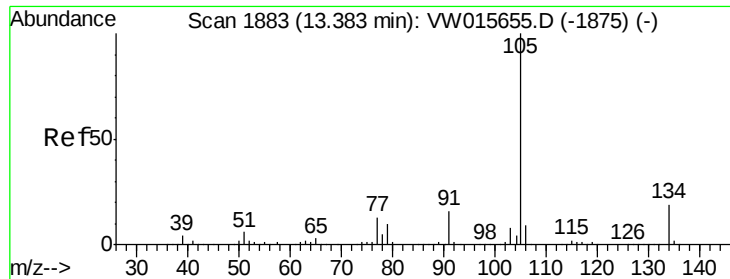
Tgt Ion:119 Resp: 36026
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.7 104.1
 134 25.3 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 4.530 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion:105 Resp: 43597
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.8 68.3

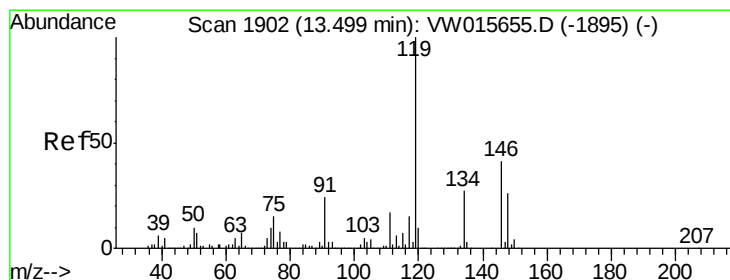
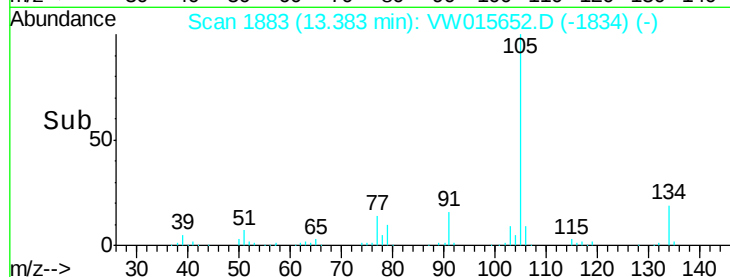
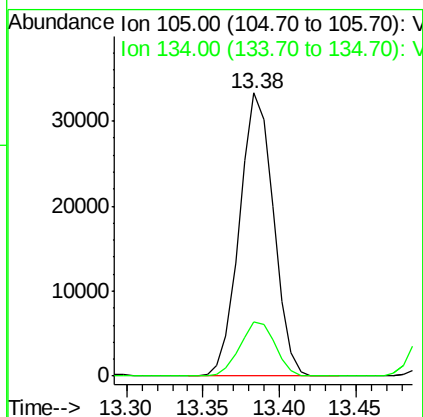
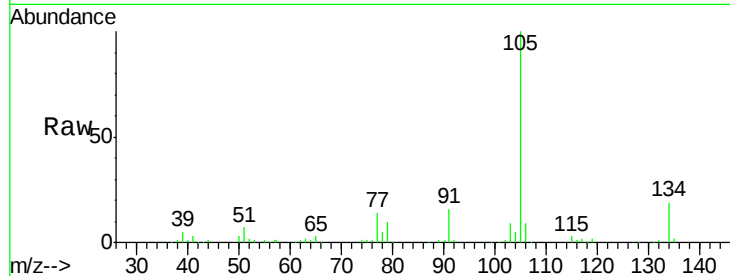




#85
 sec-Butylbenzene
 Concen: 4.419 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

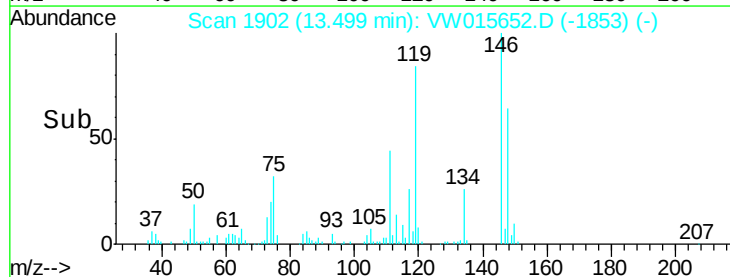
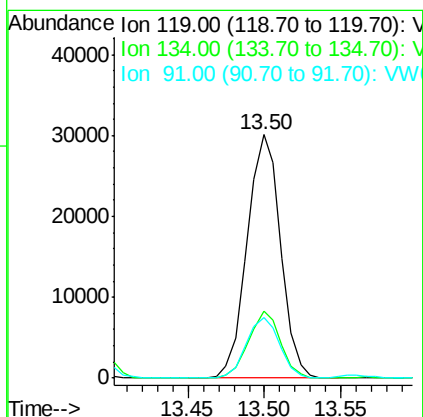
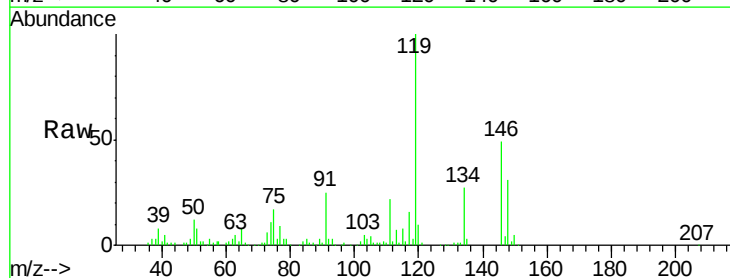
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

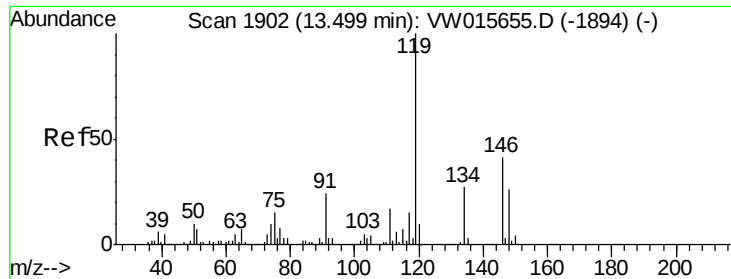
Tgt Ion:105 Resp: 51460
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 4.303 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion:119 Resp: 45709
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.4
 91 24.8 12.3 36.8

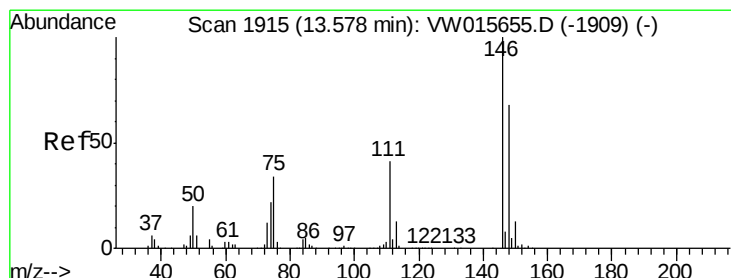
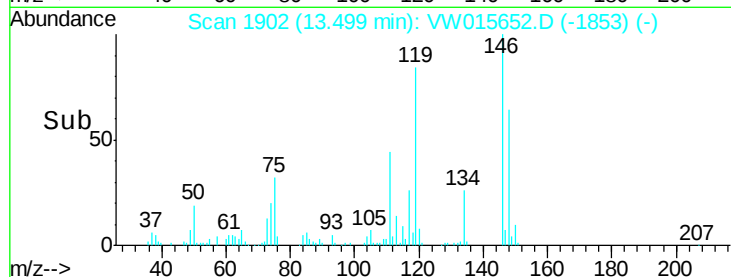
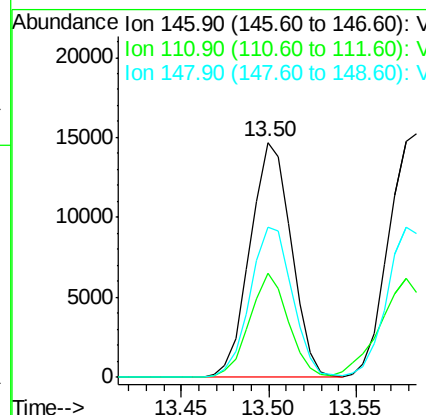
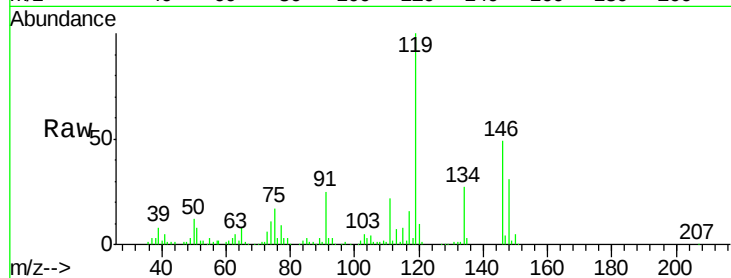




#87
 1,3-Dichlorobenzene
 Concen: 4.922 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

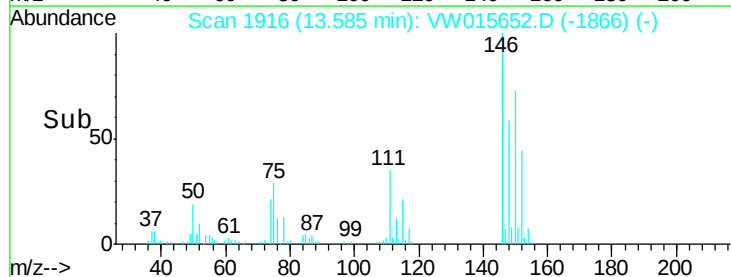
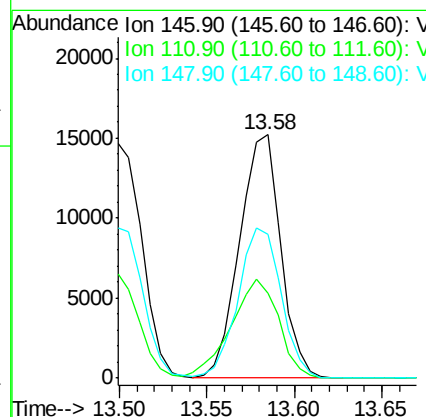
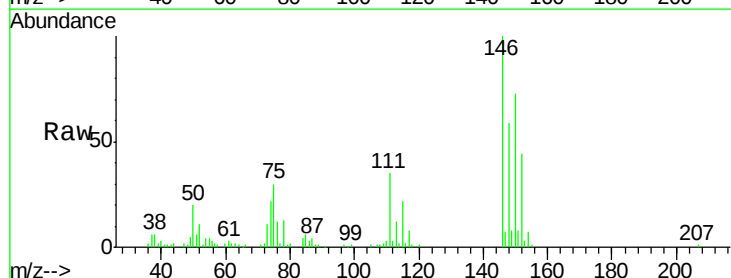
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

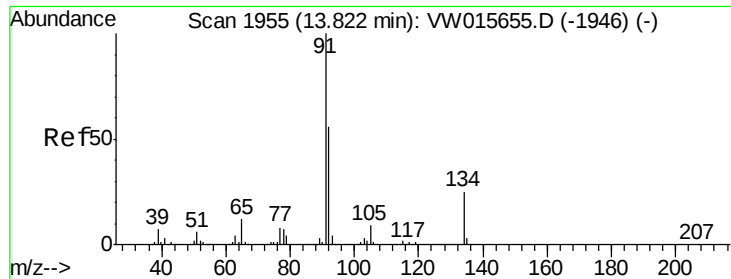
Tgt Ion:146 Resp: 24120
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.3 60.8
 148 65.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 5.150 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion:146 Resp: 24934
 Ion Ratio Lower Upper
 146 100
 111 47.0 20.3 60.9
 148 64.7 33.7 101.1





#89

n-Butylbenzene

Concen: 4.338 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

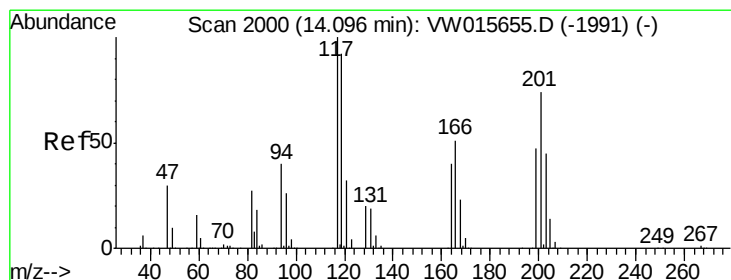
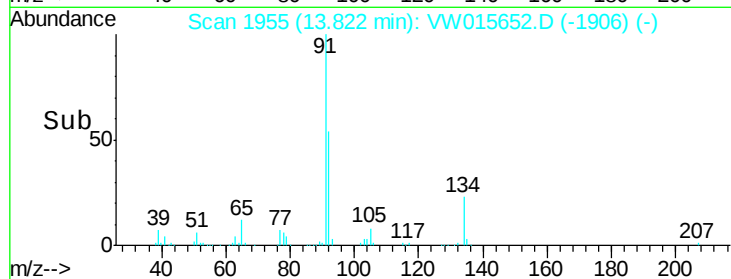
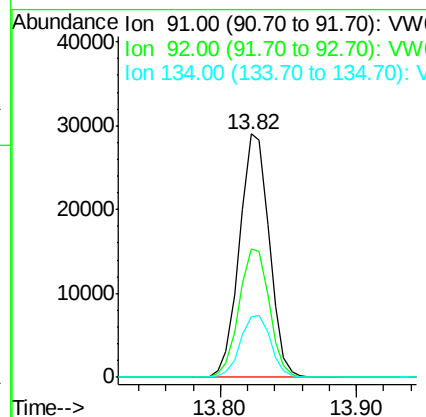
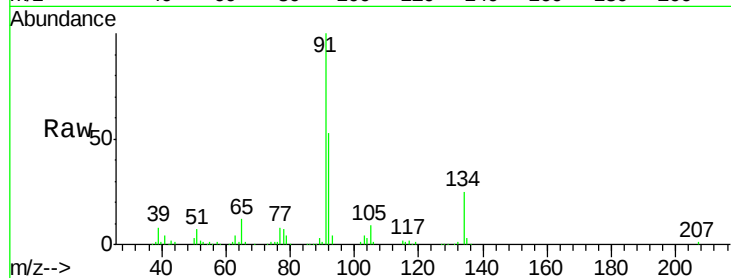
Tgt Ion: 91 Resp: 44396

Ion Ratio Lower Upper

91 100

92 53.6 27.5 82.4

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 4.323 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015652.D

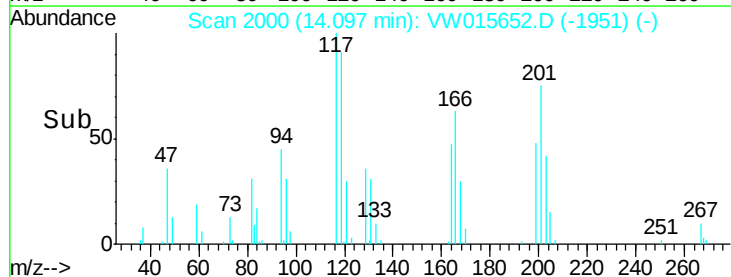
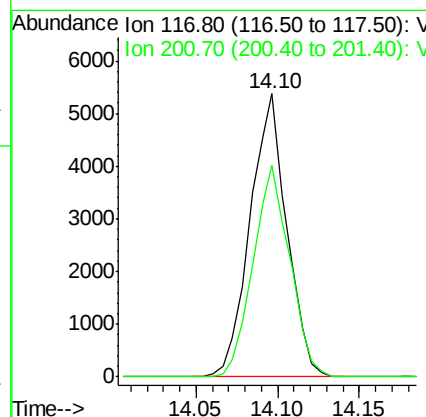
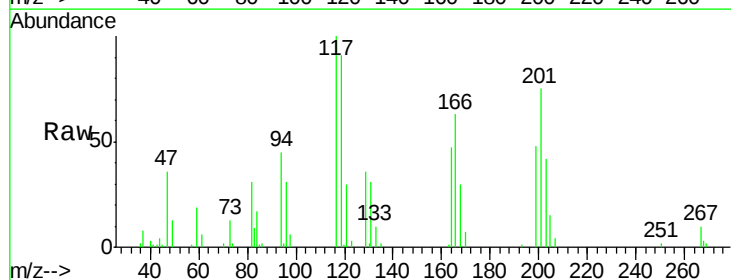
Acq: 23 Jun 2020 10:53

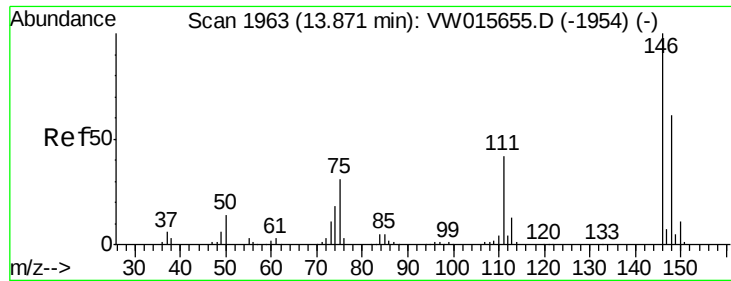
Tgt Ion: 117 Resp: 8414

Ion Ratio Lower Upper

117 100

201 74.6 37.1 111.5

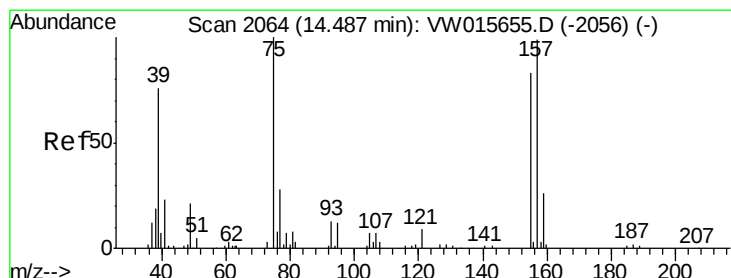
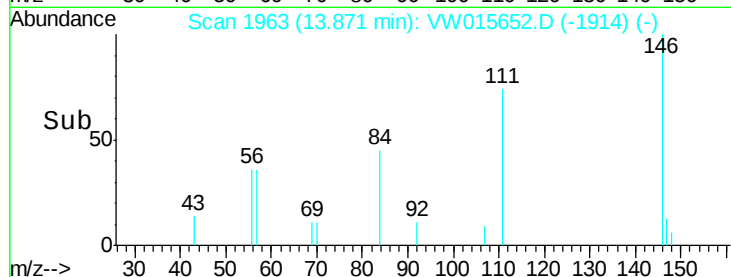
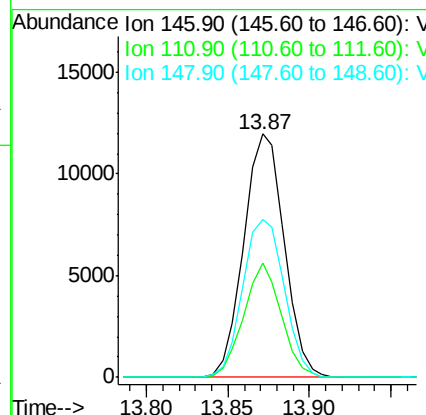
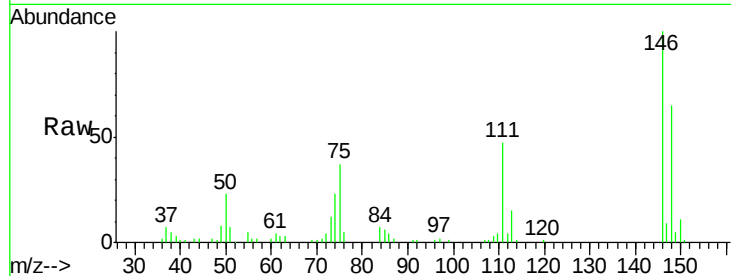




#91
 1,2-Dichlorobenzene
 Concen: 4.847 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

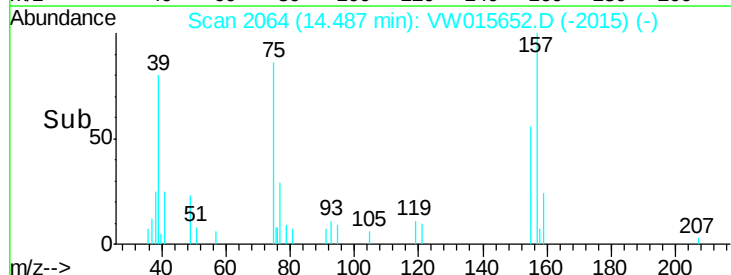
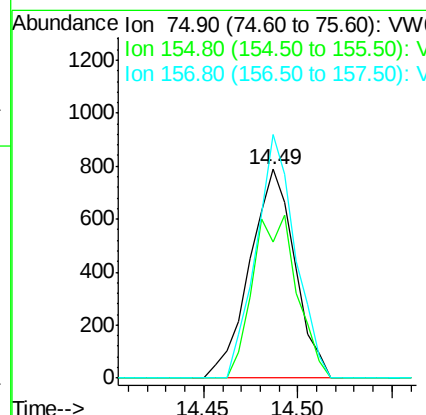
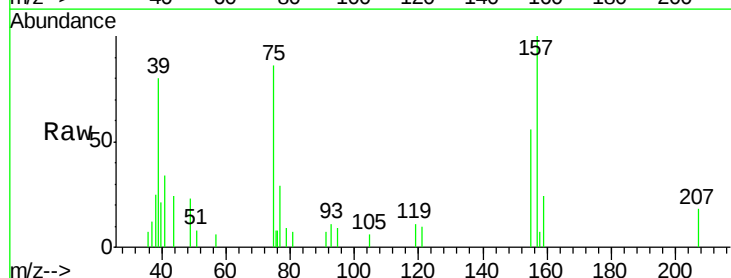
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

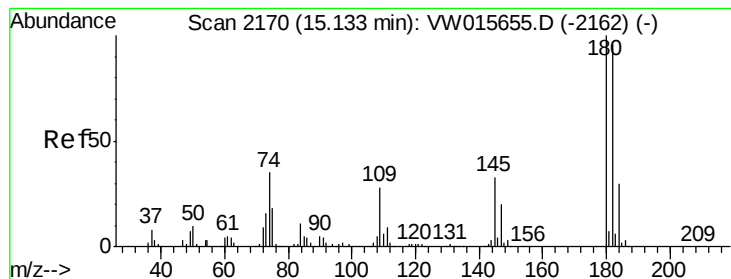
Tgt Ion: 146 Resp: 20631
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.3 63.7
 148 66.6 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.408 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015652.D
 Acq: 23 Jun 2020 10:53

Tgt Ion: 75 Resp: 1304
 Ion Ratio Lower Upper
 75 100
 155 76.4 40.8 122.2
 157 101.8 50.7 152.1





#93

1,2,4-Trichlorobenzene

Concen: 4.413 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

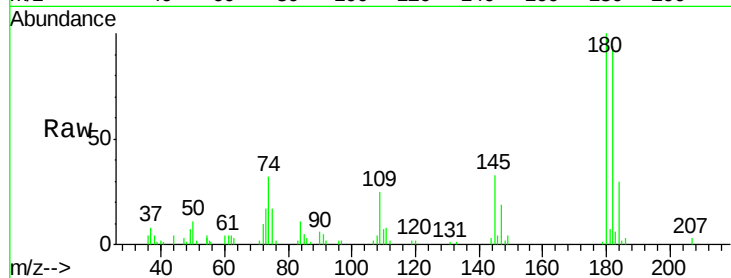
Tgt Ion:180 Resp: 12938

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.6

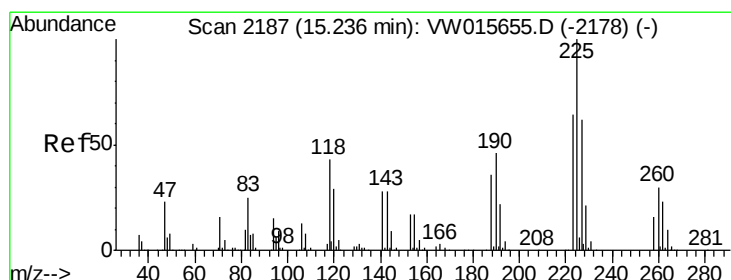
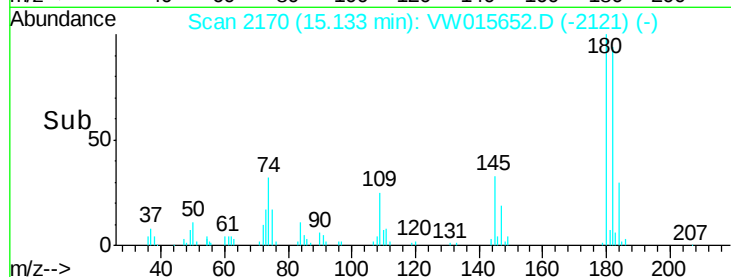
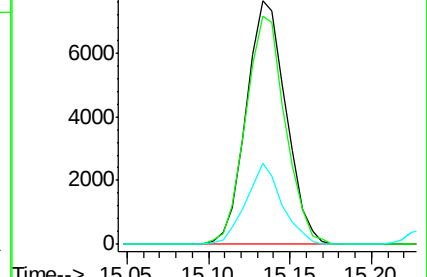
145 30.2 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 4.651 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VW015652.D

Acq: 23 Jun 2020 10:53

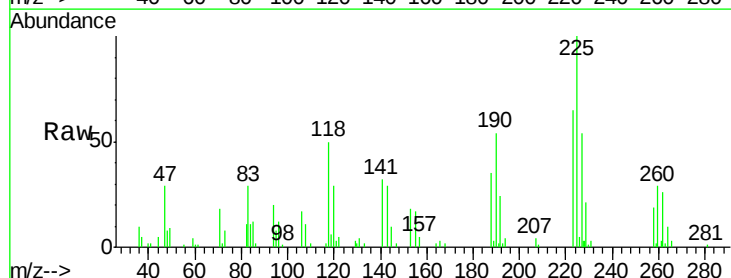
Tgt Ion:225 Resp: 8398

Ion Ratio Lower Upper

225 100

223 63.5 31.0 93.0

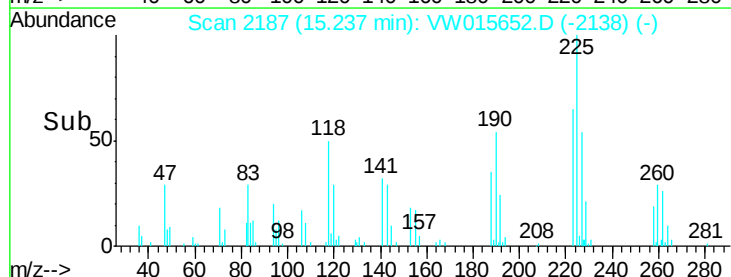
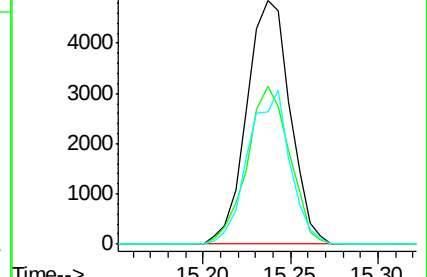
227 60.7 31.9 95.9

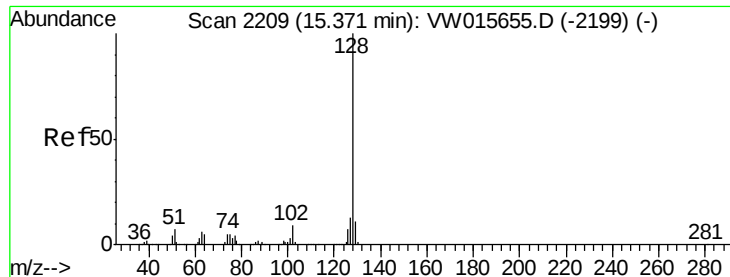


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

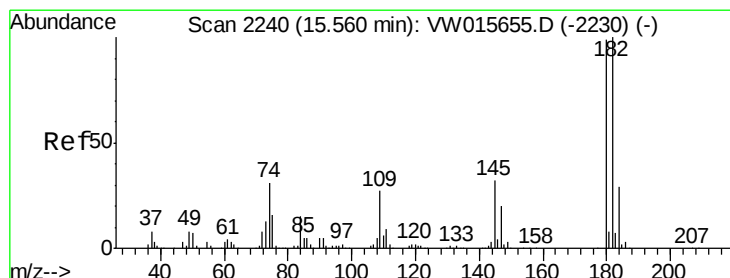
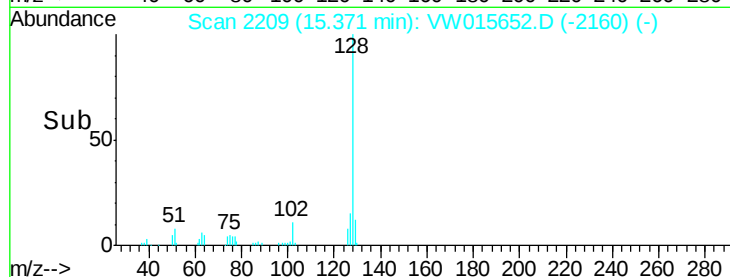
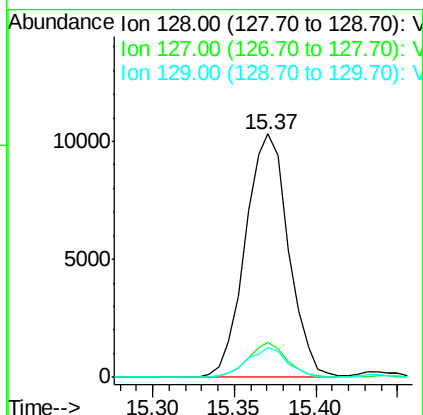
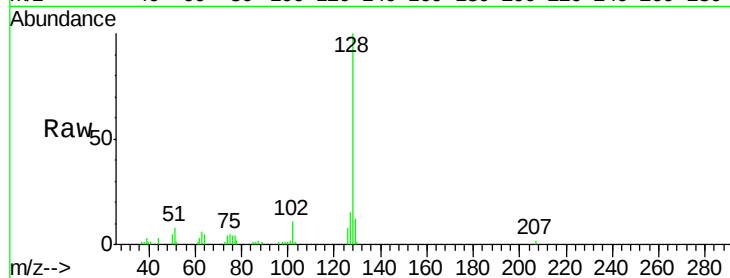




#95
Naphthalene
Concen: 3.887 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 18963
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.632 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015652.D
Acq: 23 Jun 2020 10:53

Tgt Ion:180 Resp: 11364
Ion Ratio Lower Upper
180 100
182 94.2 49.0 147.0
145 31.3 16.4 49.2

