

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001211.D
 Acq On : 15 Jan 2020 12:43
 Operator : SY/MD
 Sample : L1126-05MSD
 Misc : 5.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MSD

Quant Time: Jan 16 04:48:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	299412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	248584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101980	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90934	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.73	113	84998	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	10.18	98	337309	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.48	95	117783	42.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.30%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.90	85	66279	50.831	ug/l	97
3) Chloromethane	2.12	50	103012	54.809	ug/l	99
4) Vinyl Chloride	2.25	62	107991	57.034	ug/l	96
5) Bromomethane	2.65	94	70440	69.258	ug/l	98
6) Chloroethane	2.80	64	66953	61.206	ug/l	98
7) Trichlorofluoromethane	3.13	101	130825	49.638	ug/l	98
8) Diethyl Ether	3.54	74	55390	54.086	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	82526	48.646	ug/l	99
10) Methyl Iodide	4.10	142	121473	52.312	ug/l	99
11) Tert butyl alcohol	4.96	59	49362	273.599	ug/l	98
12) 1,1-Dichloroethene	3.88	96	89058	51.311	ug/l	98
13) Acrolein	3.74	56	40758	250.940	ug/l	99
14) Allyl chloride	4.49	41	155677	53.144	ug/l	99
15) Acrylonitrile	5.18	53	142294	277.820	ug/l	99
16) Acetone	3.96	43	142386	341.904	ug/l	98
17) Carbon Disulfide	4.20	76	274279	48.826	ug/l	100
18) Methyl Acetate	4.49	43	75239	54.644	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	262897	54.759	ug/l	97
20) Methylene Chloride	4.73	84	106457	55.457	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	101023	51.332	ug/l	96
22) Diisopropyl ether	6.13	45	325202	54.353	ug/l	96
23) Vinyl Acetate	6.07	43	994840	259.989	ug/l	100
24) 1,1-Dichloroethane	6.03	63	176568	53.905	ug/l	98
25) 2-Butanone	7.00	43	201152	310.351	ug/l	100
26) 2,2-Dichloropropane	6.99	77	150967	50.120	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	115528	53.573	ug/l	100
28) Bromochloromethane	7.35	49	75951	56.467	ug/l	99
29) Tetrahydrofuran	7.36	42	124580	280.476	ug/l	98
30) Chloroform	7.52	83	169387	52.778	ug/l	99
31) Cyclohexane	7.79	56	153581	44.284	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	145442	51.074	ug/l	99
36) 1,1-Dichloropropene	7.93	75	132129	48.417	ug/l	99
37) Ethyl Acetate	7.09	43	83736	52.284	ug/l	99
38) Carbon Tetrachloride	7.91	117	122700	49.061	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	140838	38.067	ug/l	99
40) Benzene	8.17	78	416230	52.251	ug/l	100
41) Methacrylonitrile	7.35	41	115901	154.060	ug/l #	28
42) 1,2-Dichloroethane	8.25	62	115921	51.969	ug/l	99
43) Isopropyl Acetate	8.28	43	165431	54.018	ug/l	99
44) Trichloroethene	8.94	130	104579	50.382	ug/l	100
45) 1,2-Dichloropropane	9.22	63	104109	52.865	ug/l	99
46) Dibromomethane	9.31	93	57086	53.127	ug/l	99
47) Bromodichloromethane	9.50	83	136555	52.146	ug/l	100
48) Methyl methacrylate	9.30	41	76959	54.304	ug/l	99
49) 1,4-Dioxane	9.30	88	16109	1231.041	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	422923	272.161	ug/l	100
52) Toluene	10.24	92	254941	50.178	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	150408	51.328	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	171219	51.824	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	85160	53.460	ug/l	99
56) Ethyl methacrylate	10.51	69	129529	53.157	ug/l	98
57) 1,3-Dichloropropane	10.79	76	146957	53.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	197938	230.961	ug/l	99
59) 2-Hexanone	10.83	43	316249	290.389	ug/l	98
60) Dibromochloromethane	10.99	129	96239	52.472	ug/l	98
61) 1,2-Dibromoethane	11.09	107	80064	51.474	ug/l	100
64) Tetrachloroethene	10.72	164	84014	52.429	ug/l	98
65) Chlorobenzene	11.52	112	260567	52.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	95592	55.838	ug/l	99
67) Ethyl Benzene	11.59	91	465823	51.266	ug/l	99
68) m/p-Xylenes	11.70	106	352990	102.983	ug/l	99
69) o-Xylene	12.03	106	170251	51.805	ug/l	100
70) Styrene	12.04	104	301631	52.310	ug/l	99
71) Bromoform	12.20	173	58594	55.500	ug/l #	100
73) Isopropylbenzene	12.33	105	418810	54.628	ug/l	100
74) N-amyl acetate	12.14	43	159336	66.595	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	105001	65.097	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	136735	125.249	ug/l #	100
77) Bromobenzene	12.61	156	99221	58.571	ug/l	99
78) n-propylbenzene	12.67	91	477744	51.806	ug/l	100
79) 2-Chlorotoluene	12.75	91	287670	54.318	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	337593	52.775	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	41276	64.115	ug/l #	97
82) 4-Chlorotoluene	12.85	91	301782	53.376	ug/l	100
83) tert-Butylbenzene	13.07	119	273893	50.957	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	339412	53.430	ug/l	99
85) sec-Butylbenzene	13.25	105	356394	46.090	ug/l	99
86) p-Isopropyltoluene	13.37	119	314591	46.858	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	168244	52.515	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	171532	52.022	ug/l	99
89) n-Butylbenzene	13.69	91	274019	40.524	ug/l	99
90) Hexachloroethane	13.95	117	61078	46.559	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	160388	53.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18614	63.974	ug/l	99

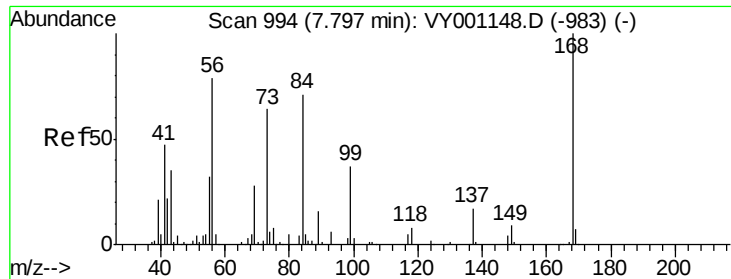
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	70752	36.065	ug/l	98
94) Hexachlorobutadiene	15.11	225	29170	29.515	ug/l	98
95) Naphthalene	15.23	128	234842	51.420	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	63950	36.988	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

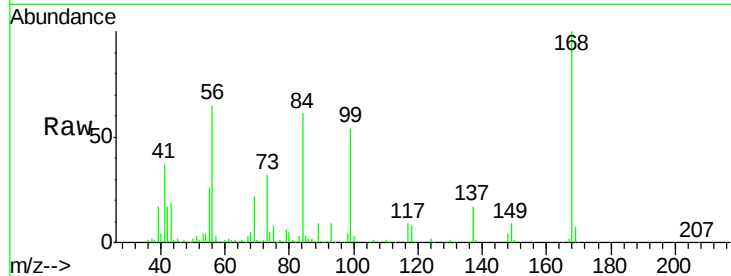
BW-1-3.0MSD

Tgt Ion:168 Resp: 169780

Ion Ratio Lower Upper

168 100

99 54.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

40000

20000

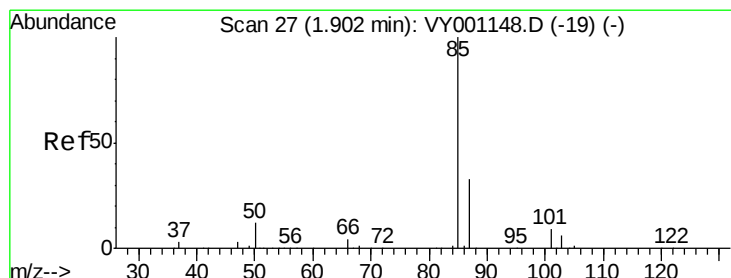
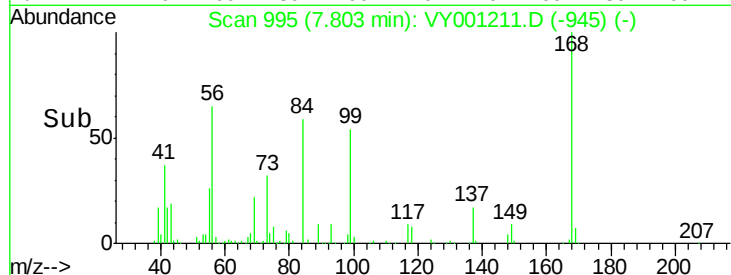
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.831 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001211.D

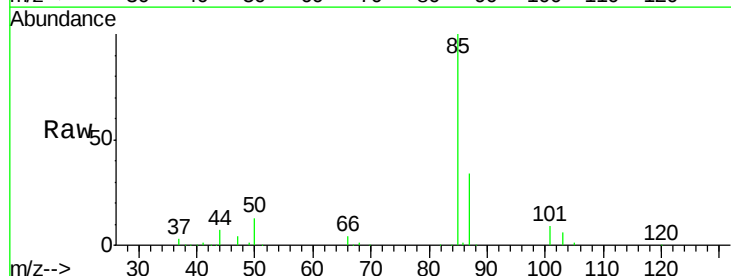
Acq: 15 Jan 2020 12:43

Tgt Ion: 85 Resp: 66279

Ion Ratio Lower Upper

85 100

87 34.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.90

50000

40000

30000

20000

10000

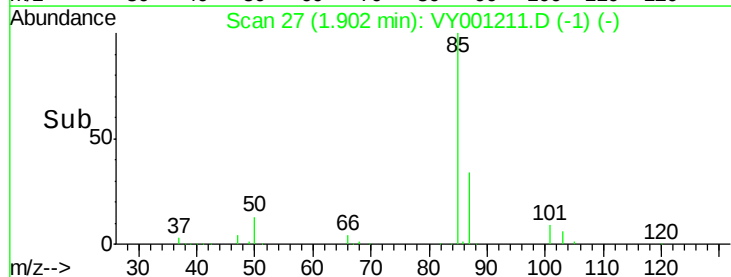
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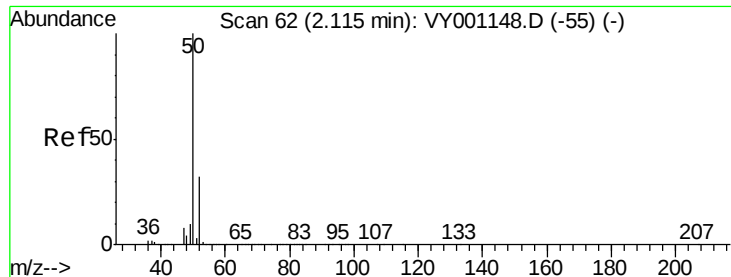
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 54.809 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

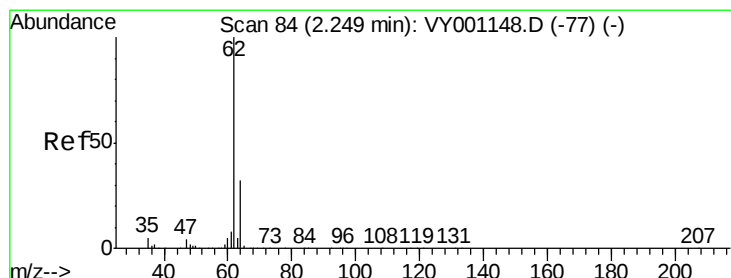
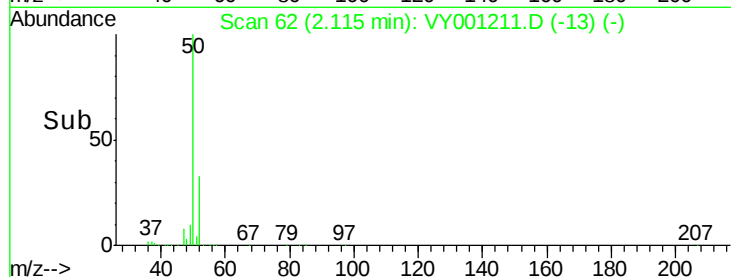
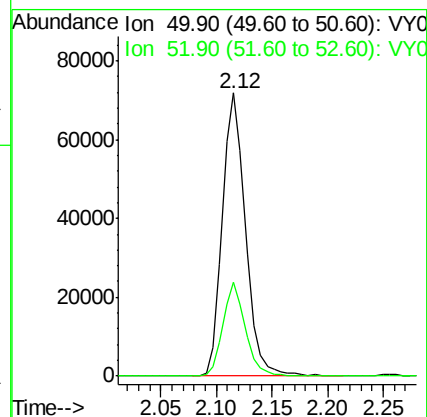
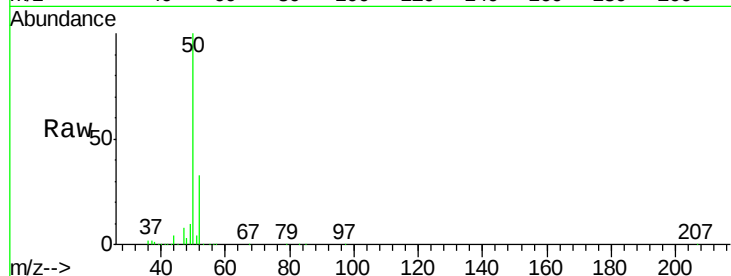
BW-1-3.0MSD

Tgt Ion: 50 Resp: 103012

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.6



#4

Vinyl Chloride

Concen: 57.034 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001211.D

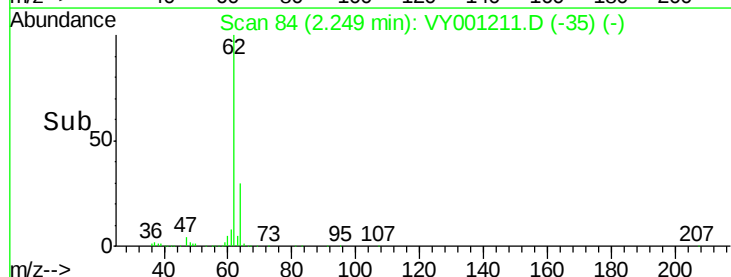
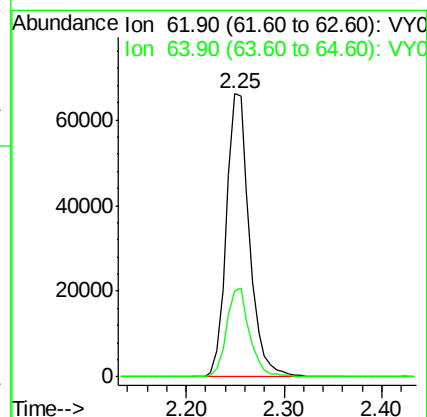
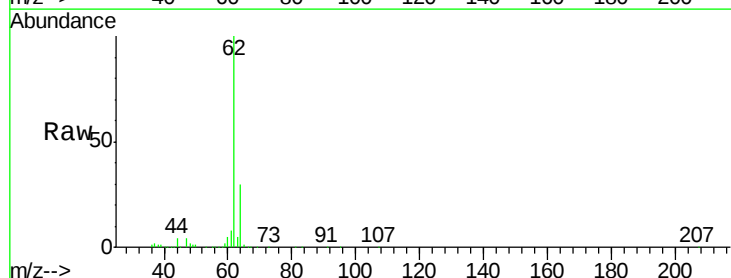
Acq: 15 Jan 2020 12:43

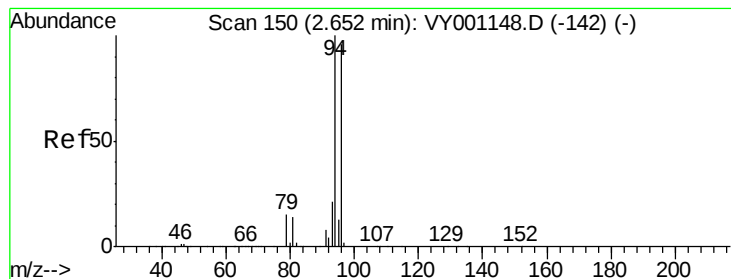
Tgt Ion: 62 Resp: 107991

Ion Ratio Lower Upper

62 100

64 30.3 25.8 38.8





#5

Bromomethane

Concen: 69.258 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

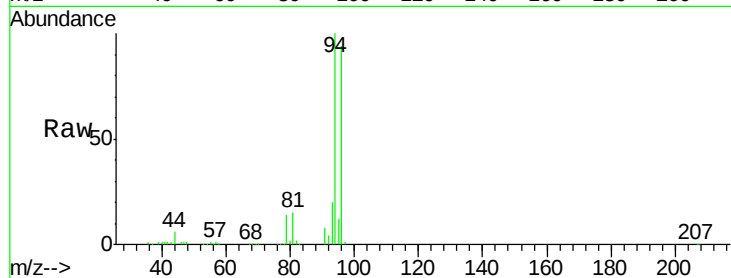
BW-1-3.0MSD

Tgt Ion: 94 Resp: 70440

Ion Ratio Lower Upper

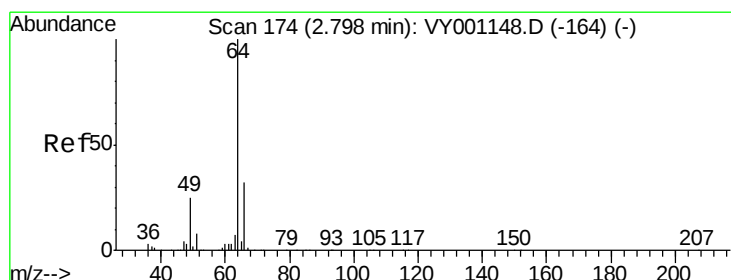
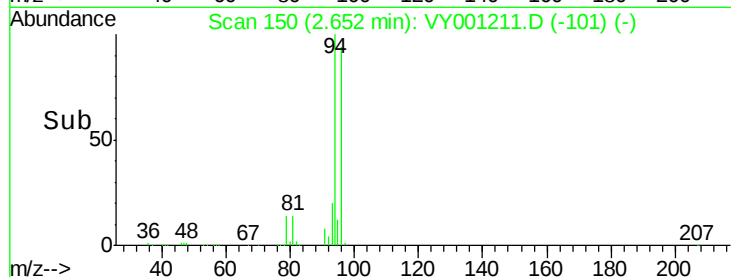
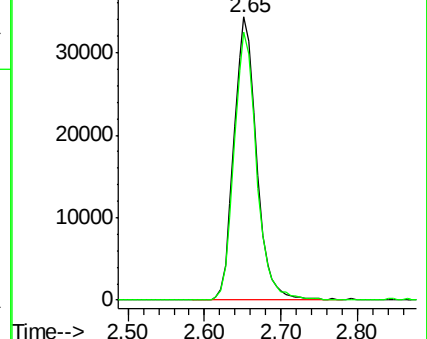
94 100

96 94.5 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 61.206 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001211.D

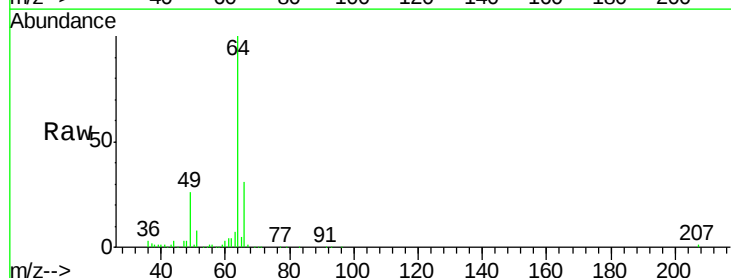
Acq: 15 Jan 2020 12:43

Tgt Ion: 64 Resp: 66953

Ion Ratio Lower Upper

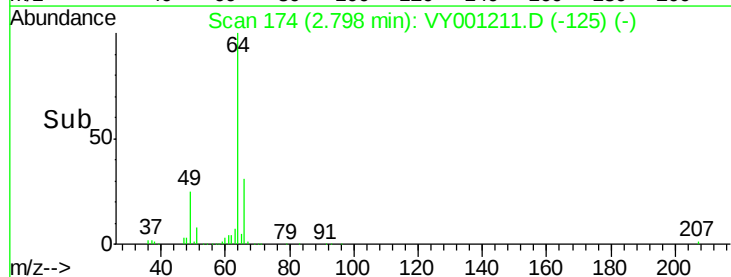
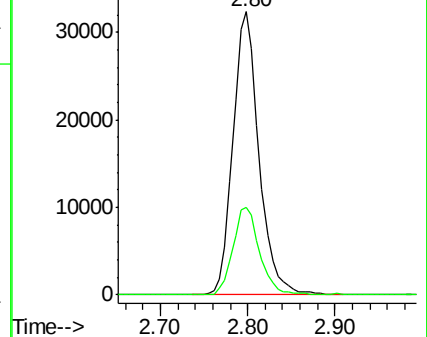
64 100

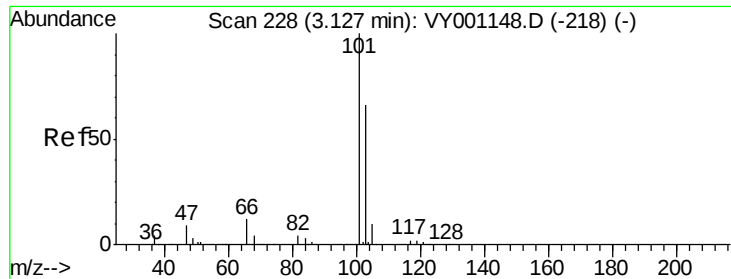
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



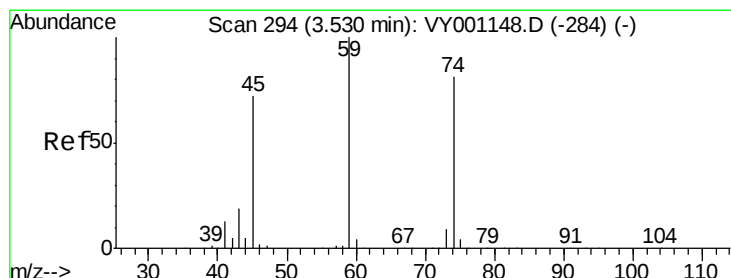
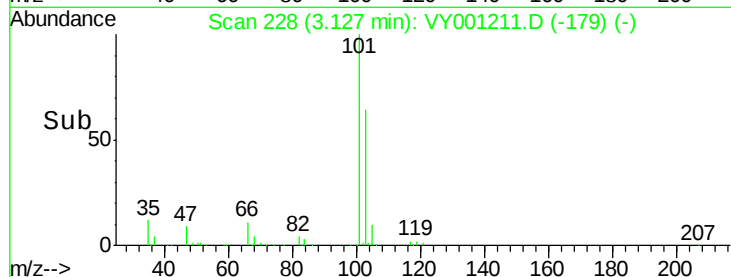
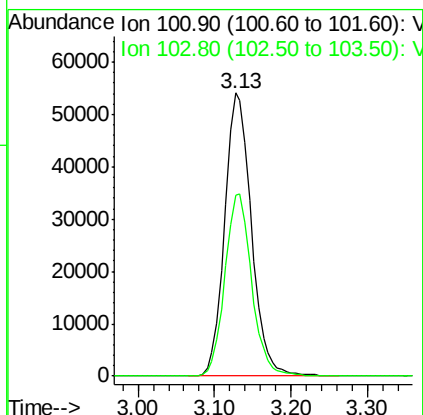
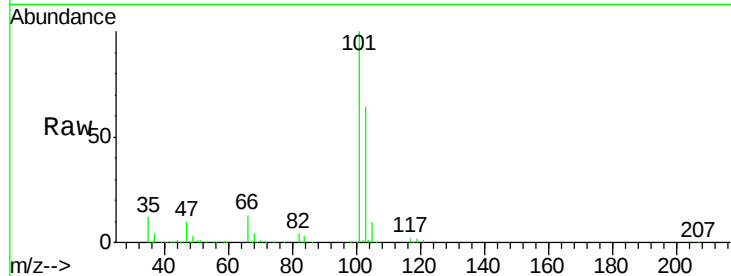


#7

Trichlorofluoromethane
 Concen: 49.638 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Instrument :
 MSVOA_Y
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 BW-1-3.0MSD

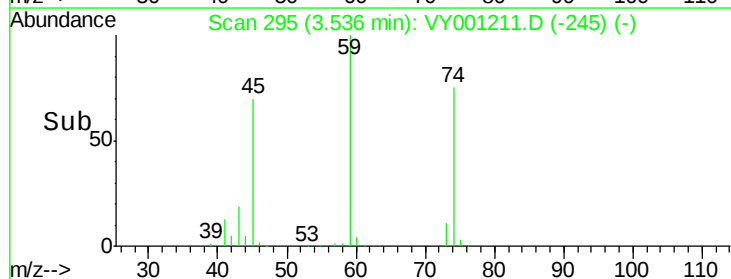
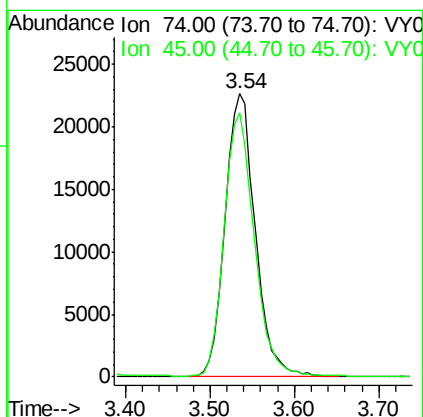
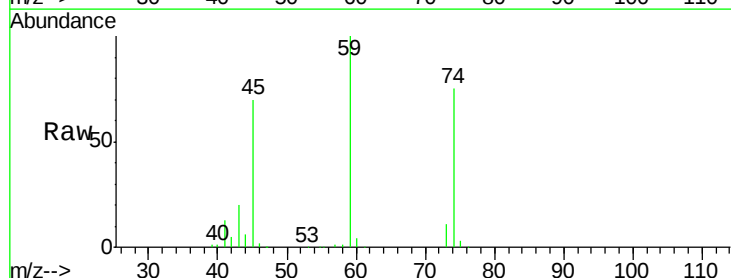
Tgt Ion:101 Resp: 130825
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.6 79.0

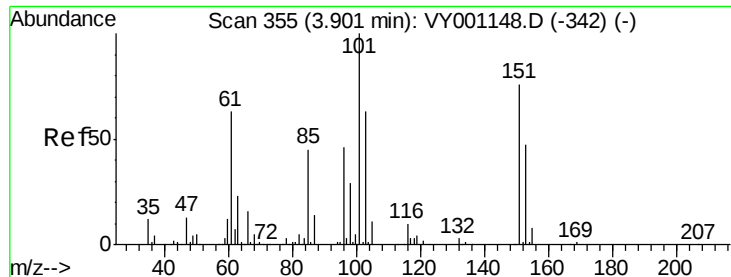


#8

Diethyl Ether
 Concen: 54.086 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion: 74 Resp: 55390
 Ion Ratio Lower Upper
 74 100
 45 93.6 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.646 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

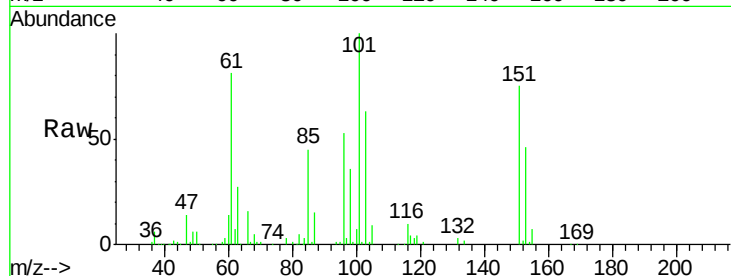
Tgt Ion:101 Resp: 82526

Ion Ratio Lower Upper

101 100

85 43.9 35.2 52.8

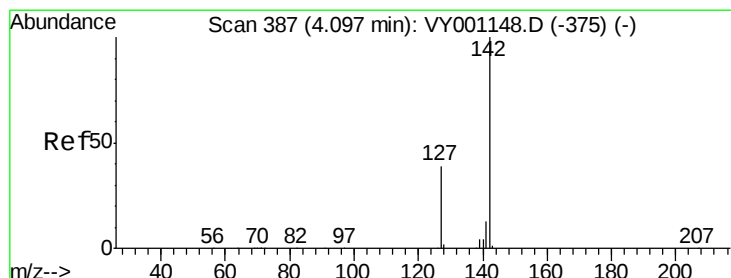
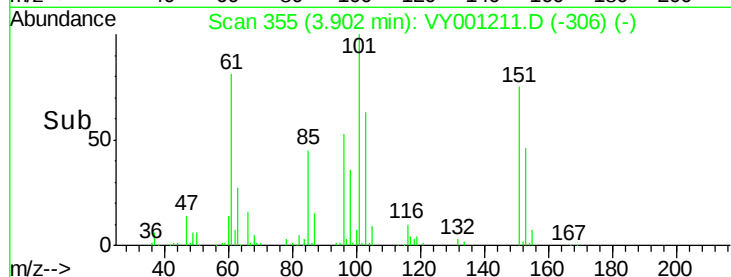
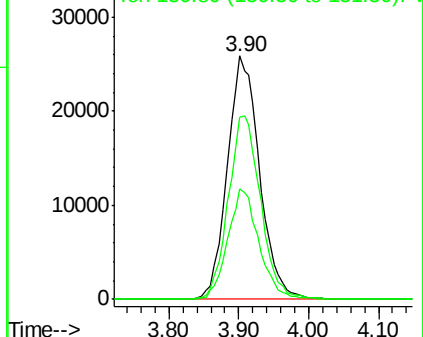
151 75.7 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.312 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

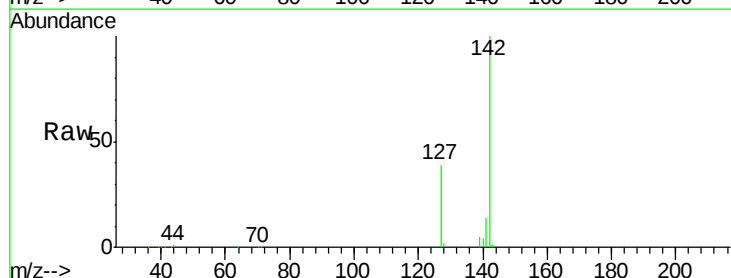
Tgt Ion:142 Resp: 121473

Ion Ratio Lower Upper

142 100

127 38.9 30.8 46.2

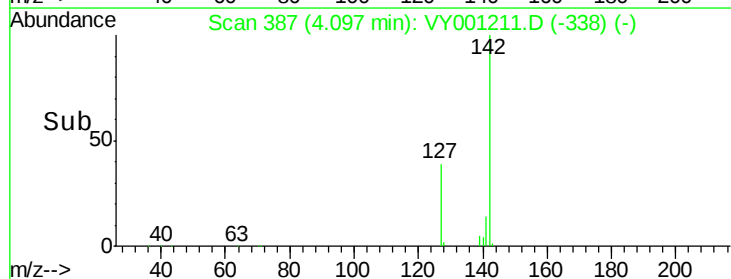
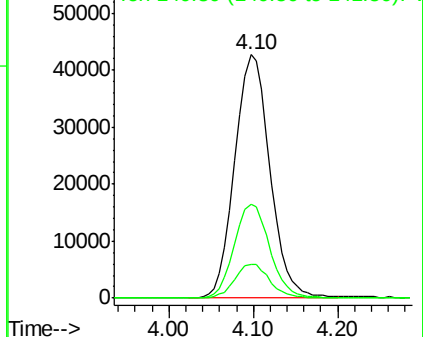
141 13.9 11.0 16.4

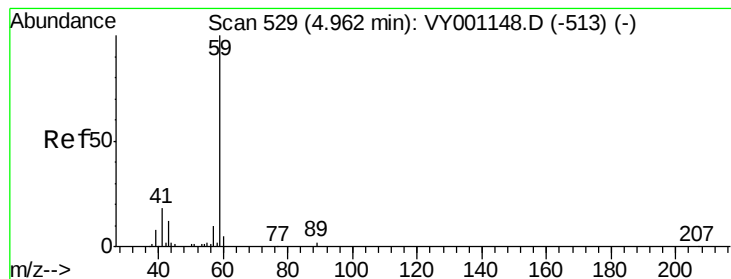


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



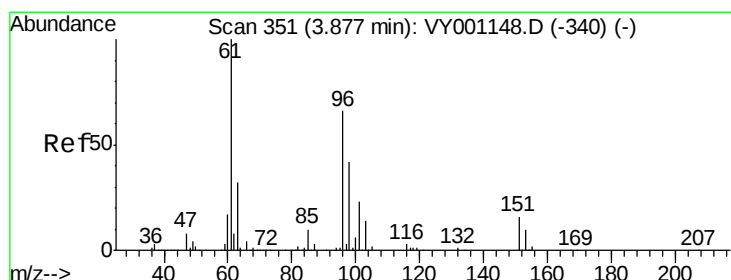
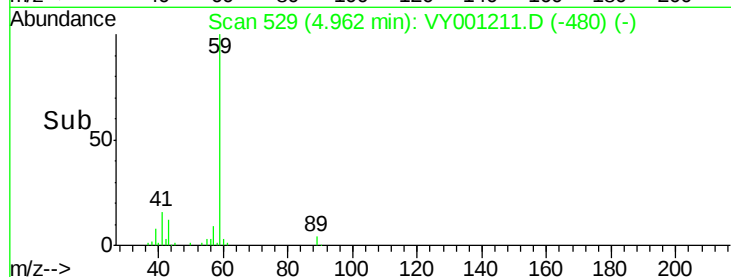
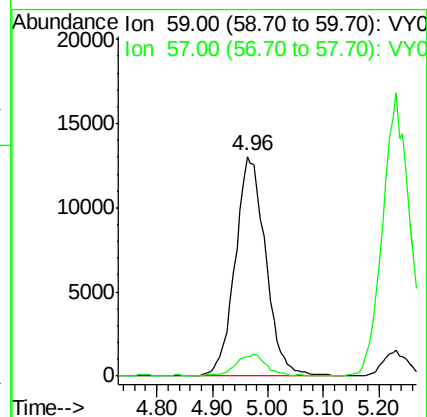
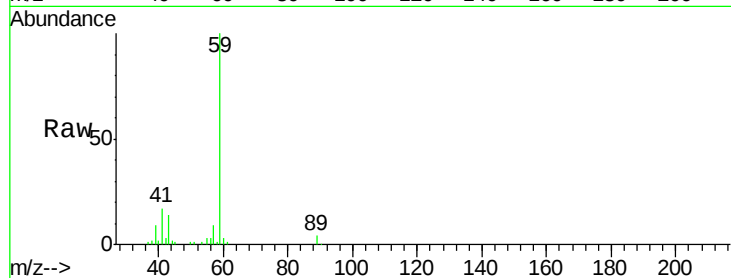


#11

Tert butyl alcohol
 Concen: 273.599 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MSD

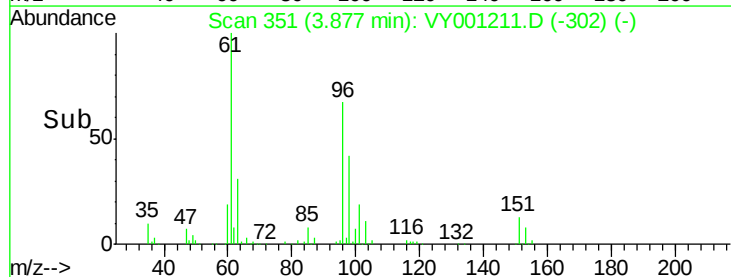
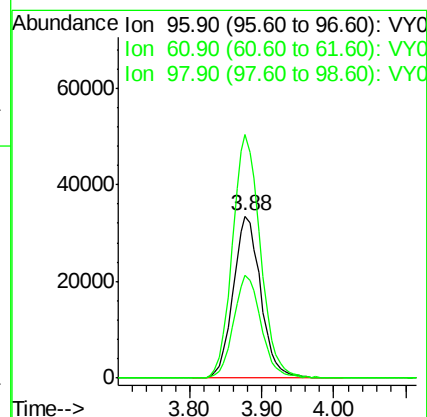
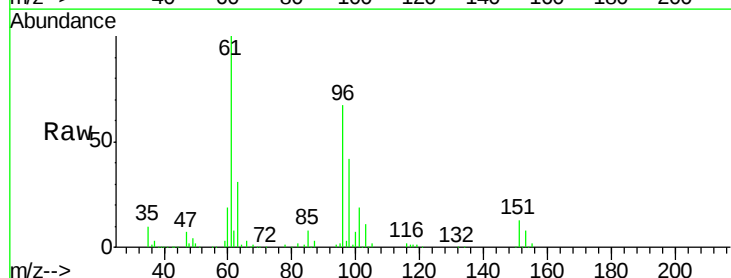
Tgt Ion: 59 Resp: 49362
 Ion Ratio Lower Upper
 59 100
 57 8.9 7.8 11.8

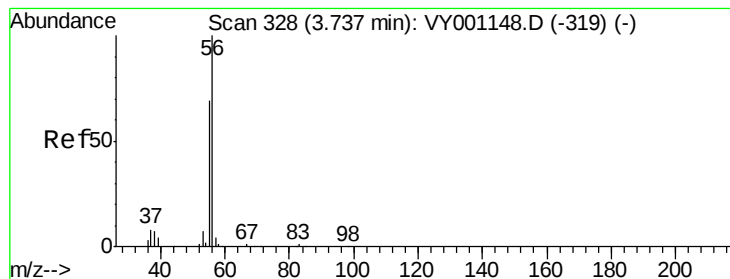


#12

1,1-Dichloroethene
 Concen: 51.311 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion: 96 Resp: 89058
 Ion Ratio Lower Upper
 96 100
 61 150.3 122.1 183.1
 98 63.1 51.0 76.6





#13

Acrolein

Concen: 250.940 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

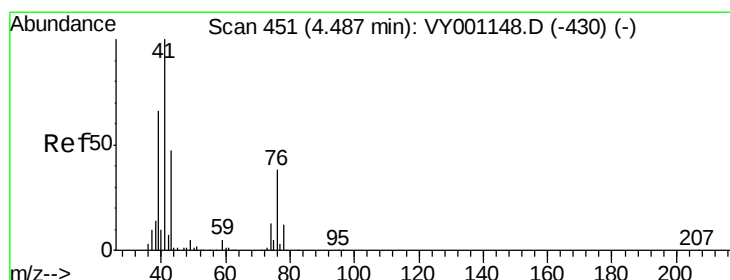
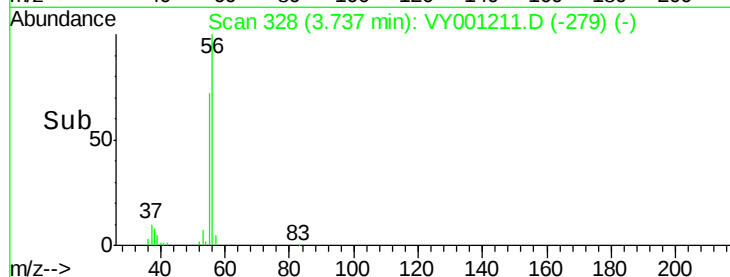
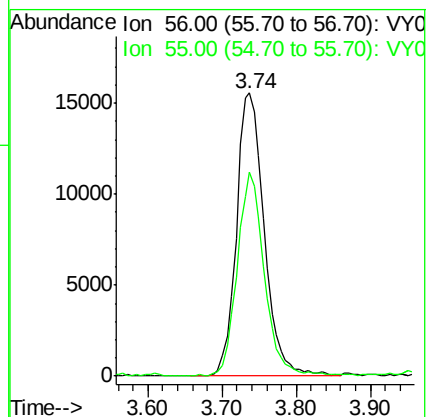
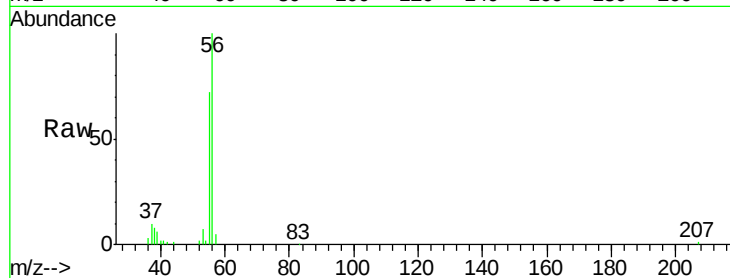
BW-1-3.0MSD

Tgt Ion: 56 Resp: 40758

Ion Ratio Lower Upper

56 100

55 70.5 56.7 85.1



#14

Allyl chloride

Concen: 53.144 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

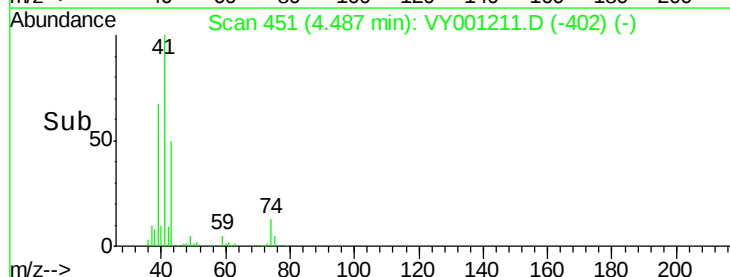
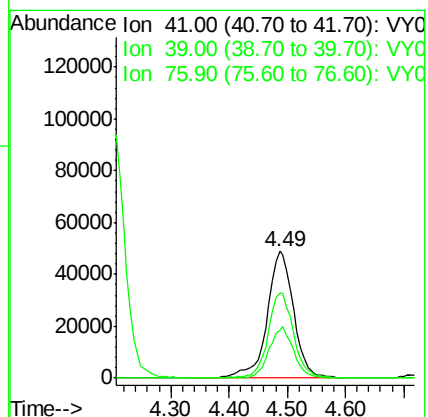
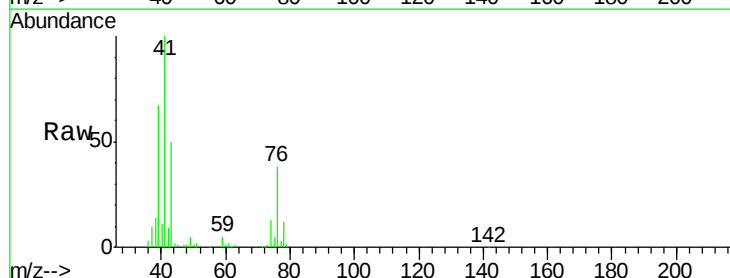
Tgt Ion: 41 Resp: 155677

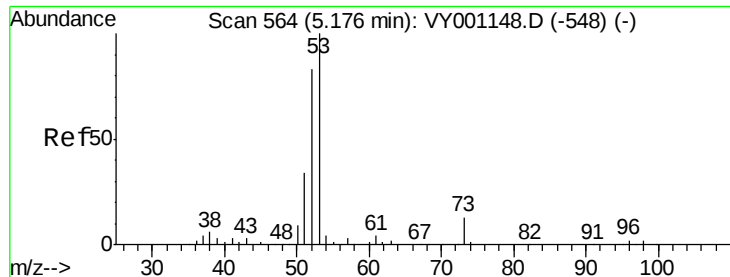
Ion Ratio Lower Upper

41 100

39 64.7 52.6 78.8

76 36.8 30.2 45.2





#15

Acrylonitrile

Concen: 277.820 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

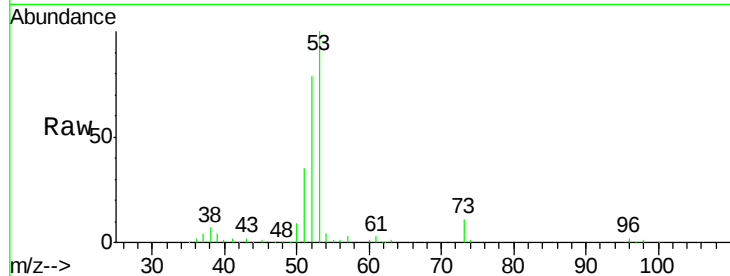
Tgt Ion: 53 Resp: 142294

Ion Ratio Lower Upper

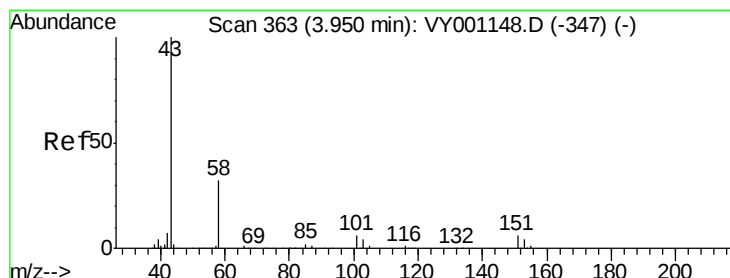
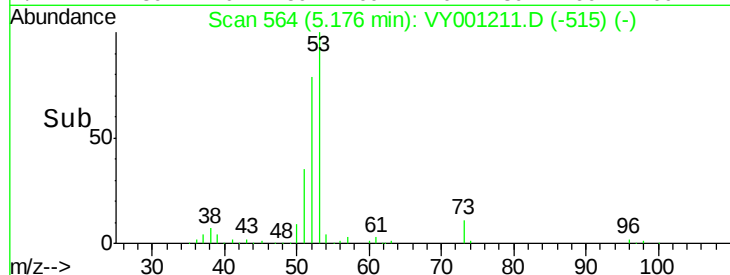
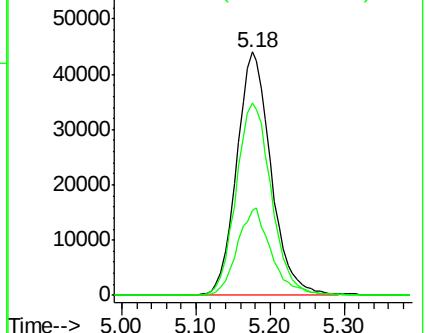
53 100

52 81.2 65.7 98.5

51 35.6 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 341.904 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001211.D

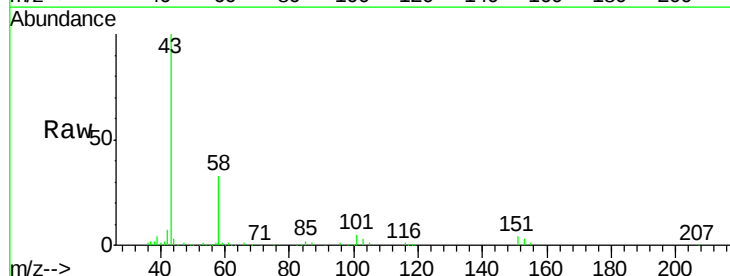
Acq: 15 Jan 2020 12:43

Tgt Ion: 43 Resp: 142386

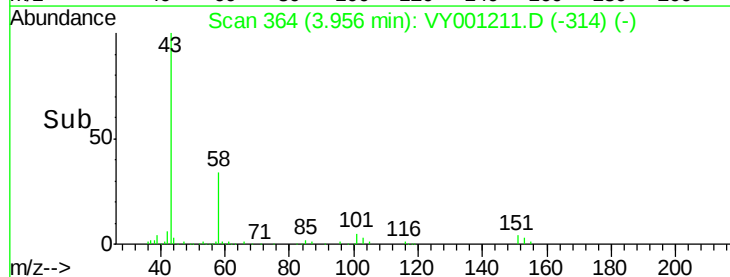
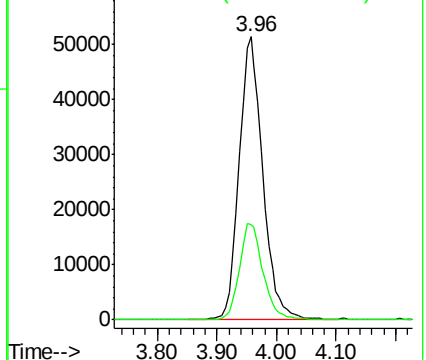
Ion Ratio Lower Upper

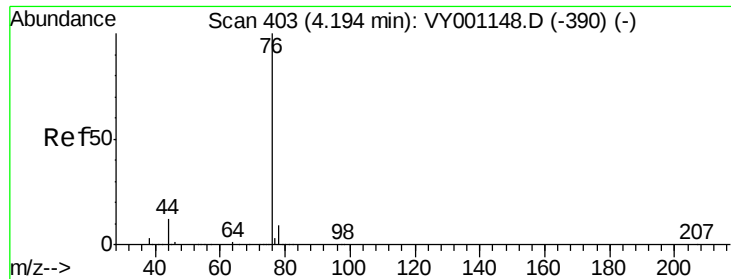
43 100

58 33.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

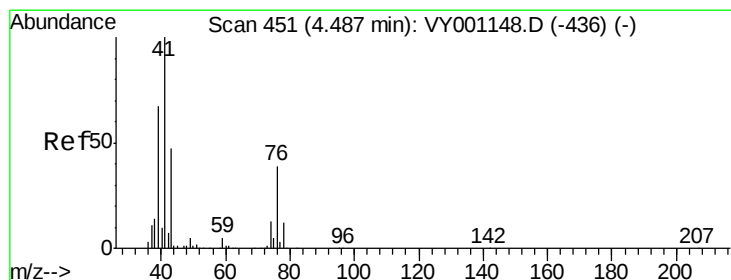
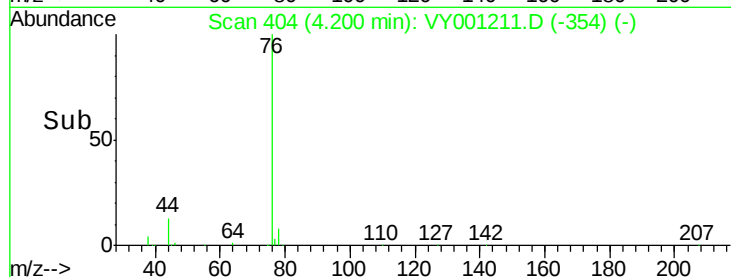
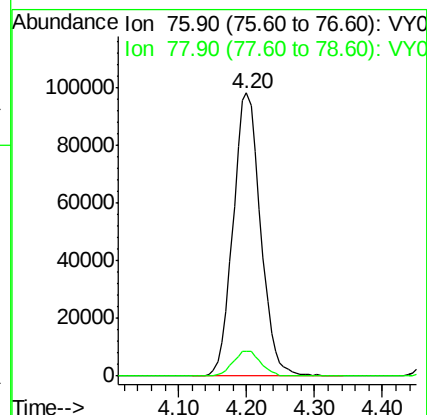
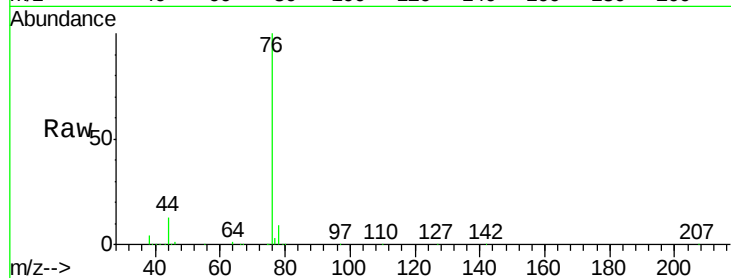




#17
Carbon Disulfide
Concen: 48.826 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

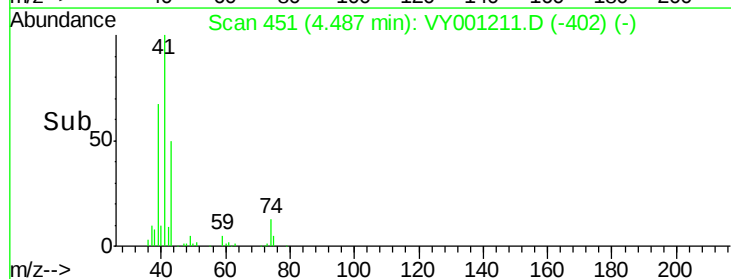
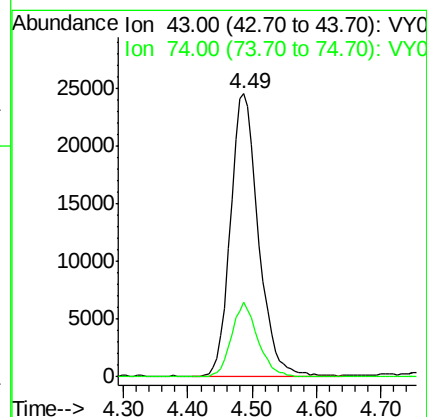
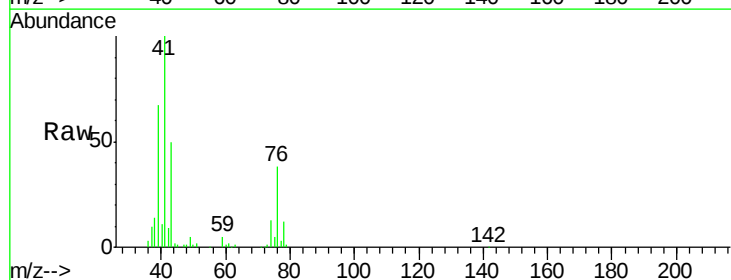
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

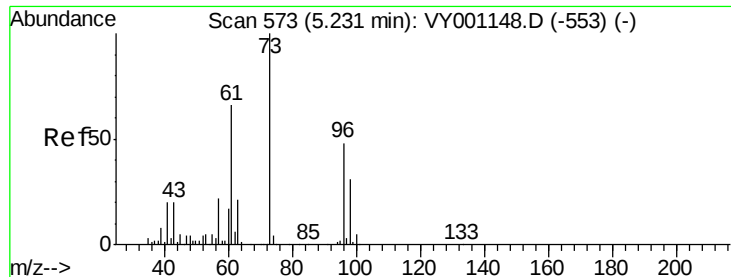
Tgt Ion: 76 Resp: 274279
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 54.644 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 43 Resp: 75239
Ion Ratio Lower Upper
43 100
74 24.5 20.2 30.2

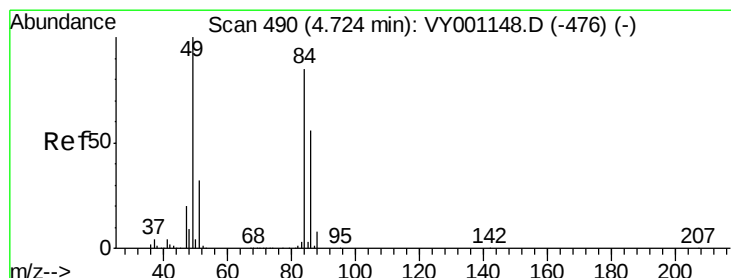
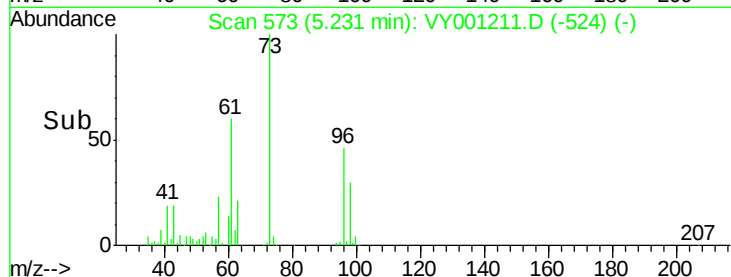
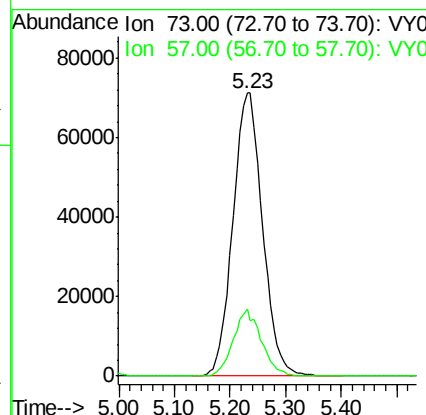
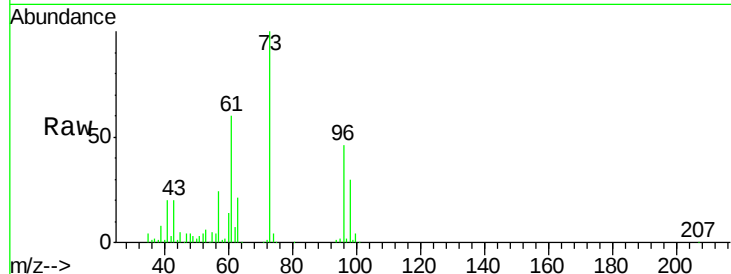




#19
Methyl tert-butyl Ether
Concen: 54.759 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

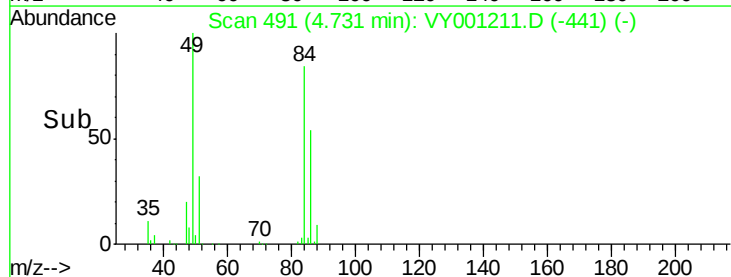
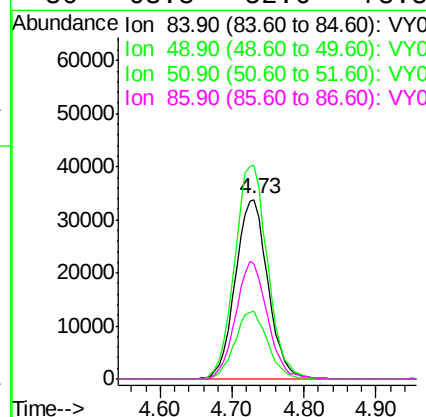
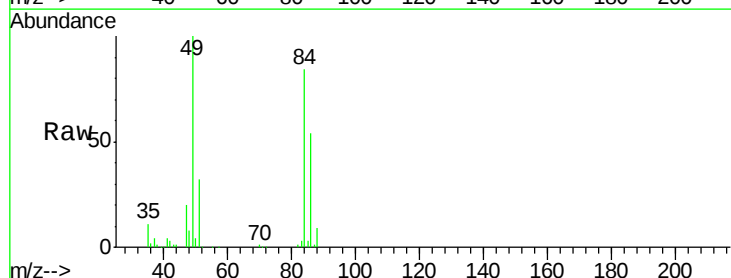
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

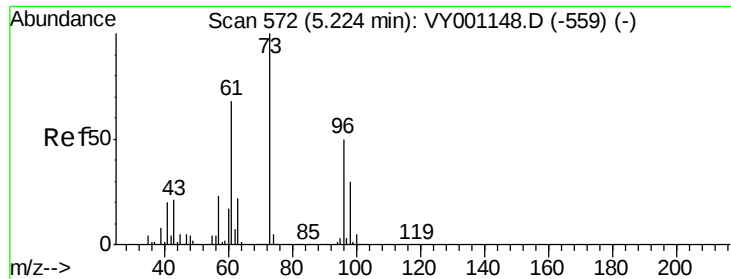
Tgt Ion: 73 Resp: 262897
Ion Ratio Lower Upper
73 100
57 23.6 17.8 26.6



#20
Methylene Chloride
Concen: 55.457 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 84 Resp: 106457
Ion Ratio Lower Upper
84 100
49 118.8 93.8 140.6
51 37.7 29.9 44.9
86 63.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 51.332 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

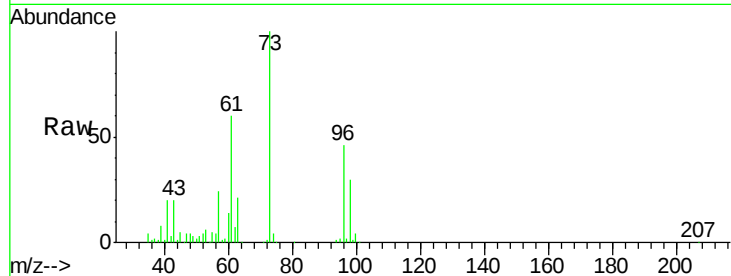
Tgt Ion: 96 Resp: 101023

Ion Ratio Lower Upper

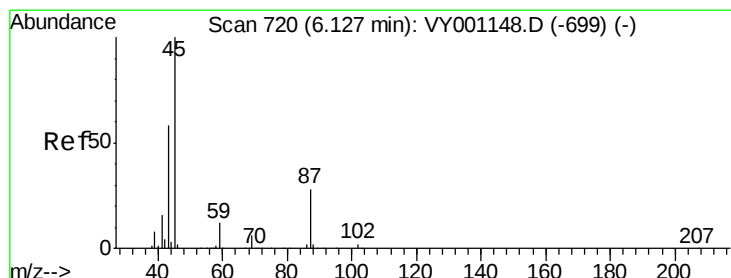
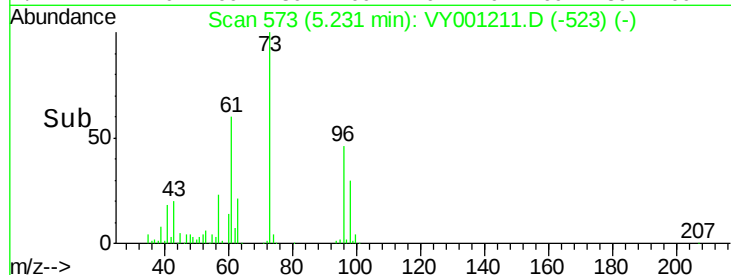
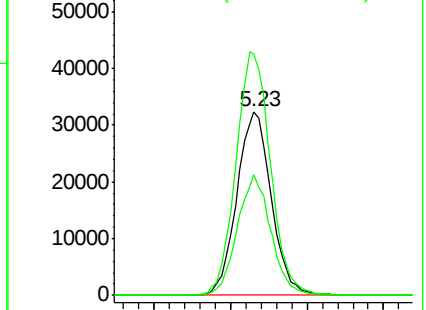
96 100

61 131.1 107.6 161.4

98 65.5 47.6 71.4



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 54.353 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Tgt Ion: 45 Resp: 325202

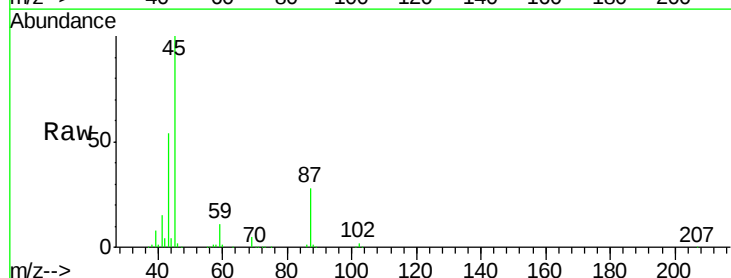
Ion Ratio Lower Upper

45 100

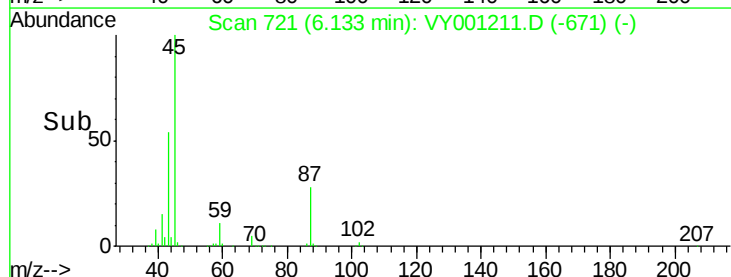
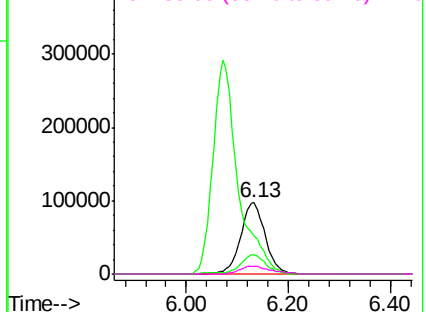
43 53.8 46.5 69.7

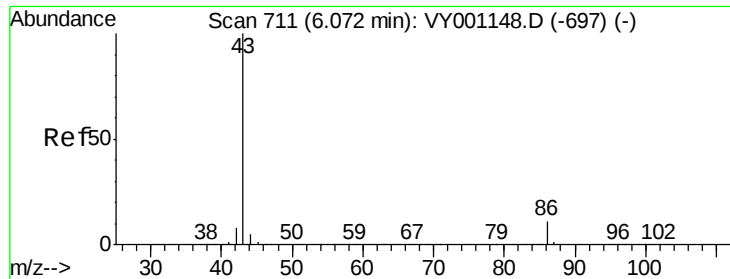
87 27.6 22.5 33.7

59 10.8 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 259.989 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

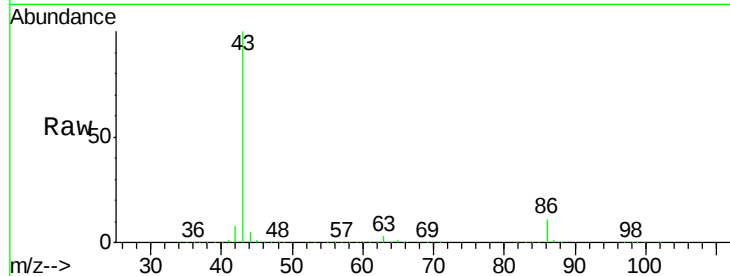
BW-1-3.0MSD

Tgt Ion: 43 Resp: 994840

Ion Ratio Lower Upper

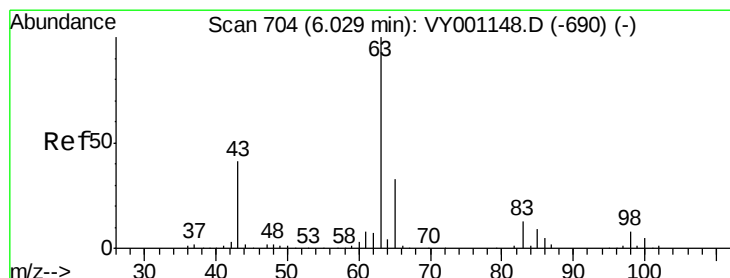
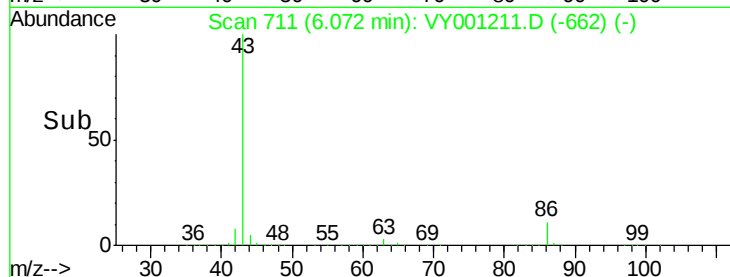
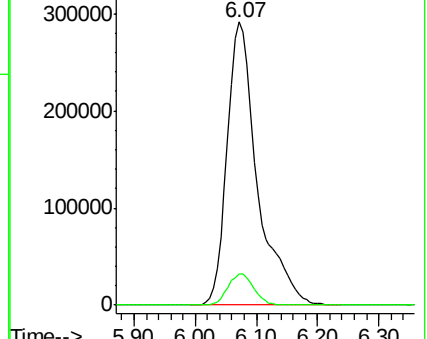
43 100

86 11.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 53.905 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

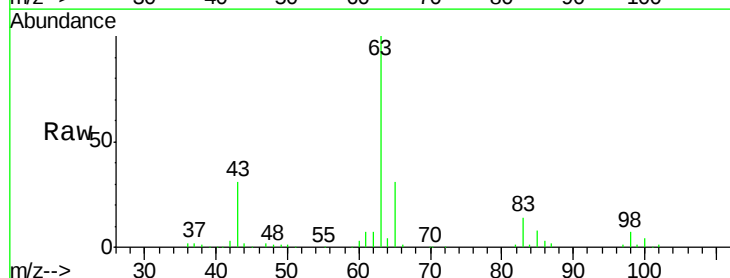
Tgt Ion: 63 Resp: 176568

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

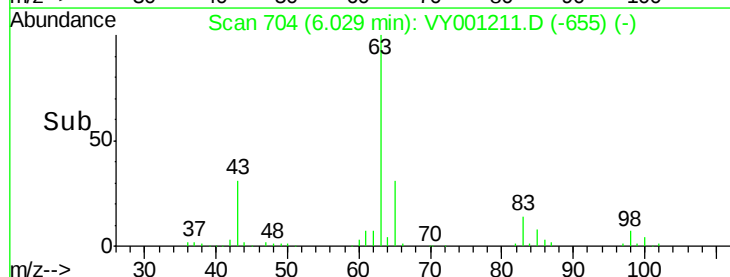
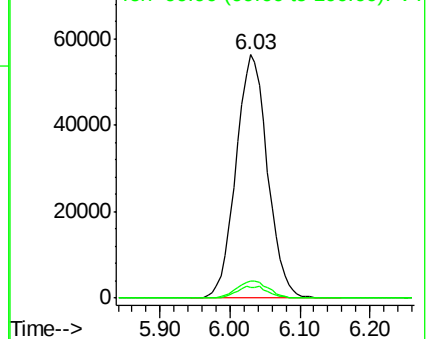
100 4.3 2.4 7.2

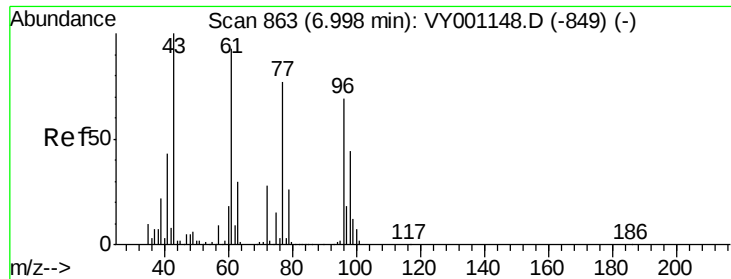


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 310.351 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

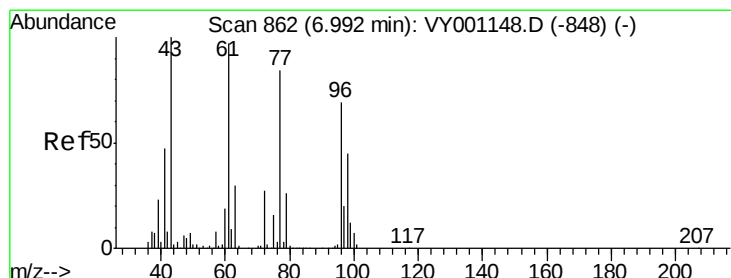
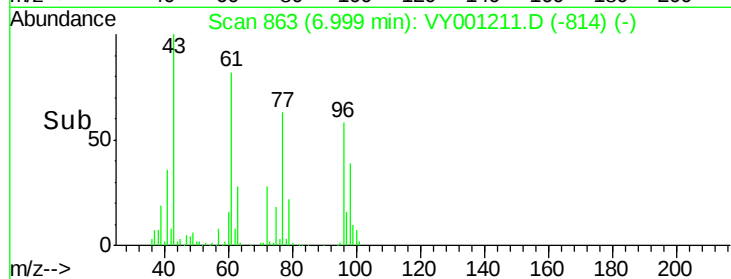
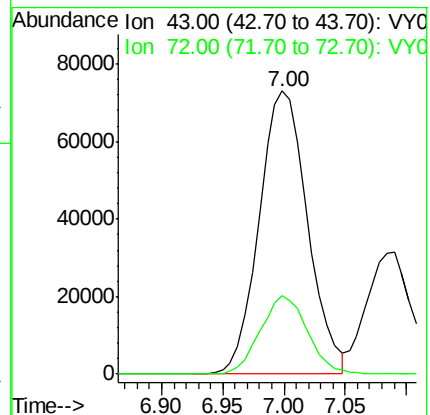
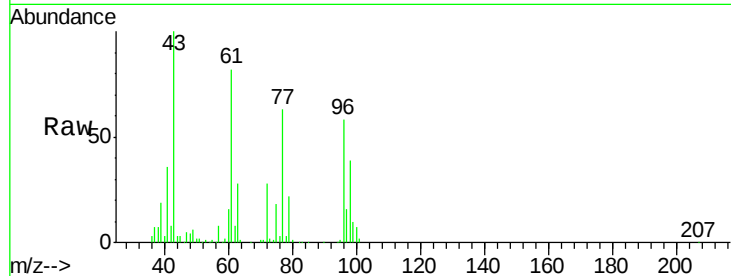
BW-1-3.0MSD

Tgt Ion: 43 Resp: 201152

Ion Ratio Lower Upper

43 100

72 27.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 50.120 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001211.D

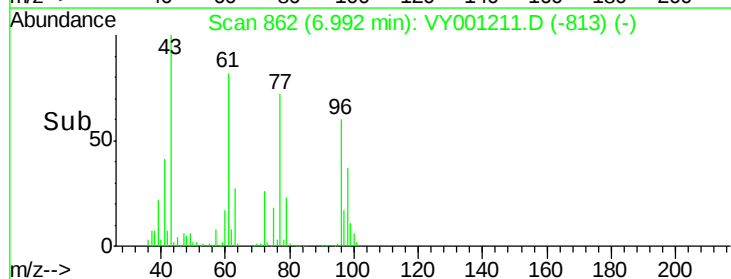
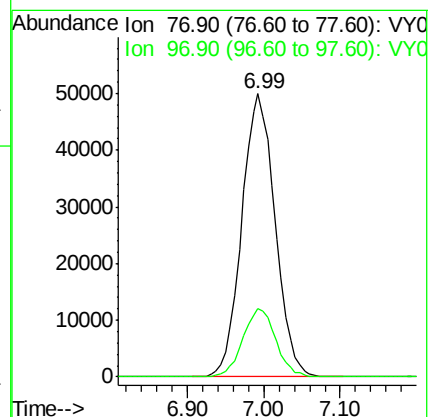
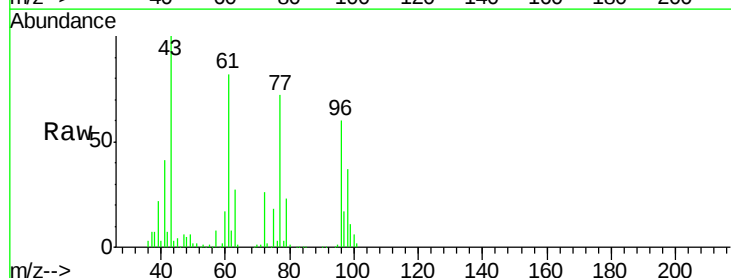
Acq: 15 Jan 2020 12:43

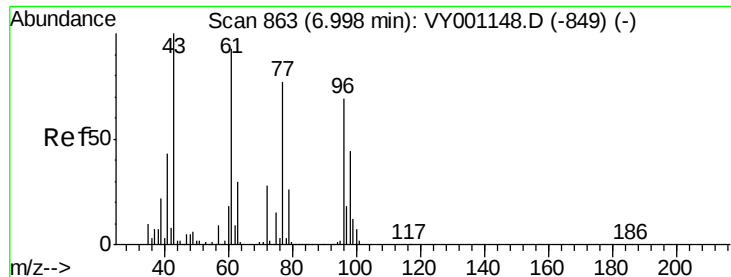
Tgt Ion: 77 Resp: 150967

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7



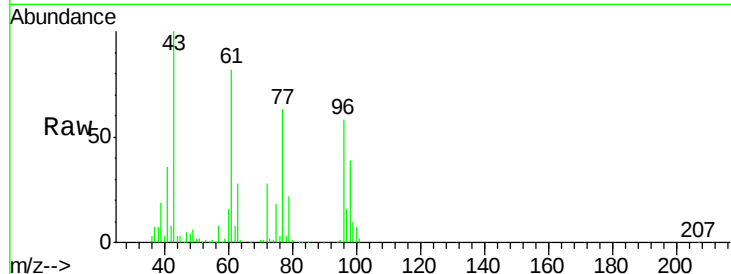


#27

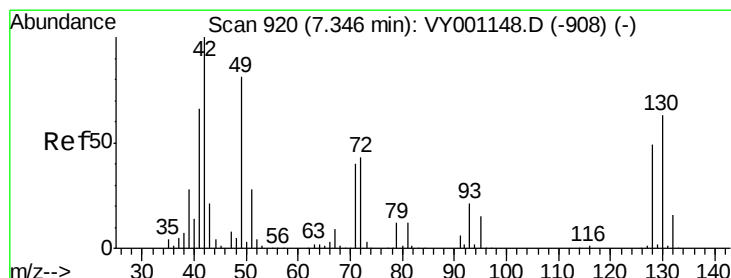
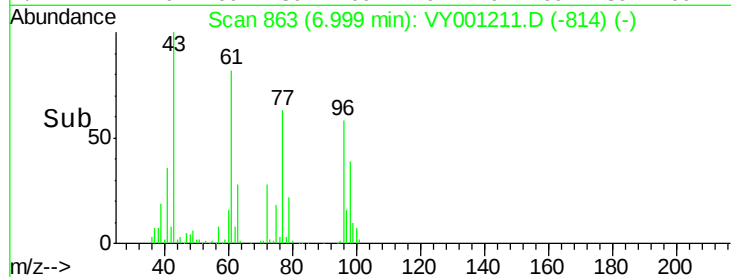
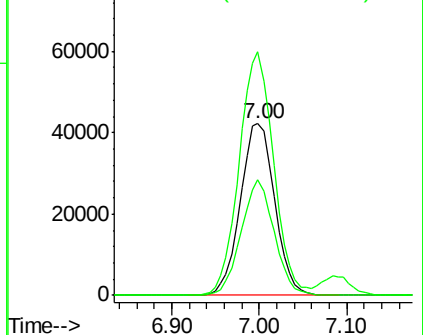
cis-1,2-Dichloroethene
Concen: 53.573 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

Tgt Ion: 96 Resp: 115528
Ion Ratio Lower Upper
96 100
61 142.1 0.0 284.0
98 64.5 0.0 130.2



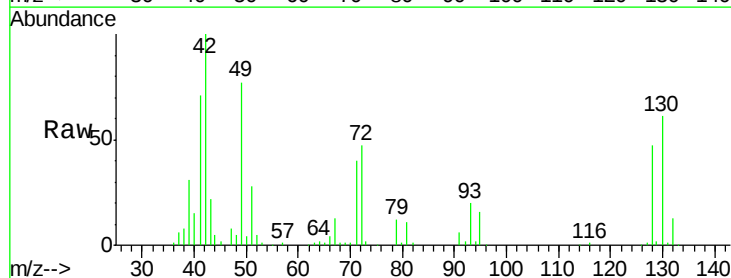
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



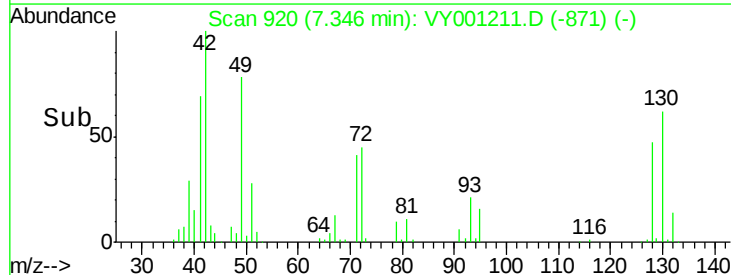
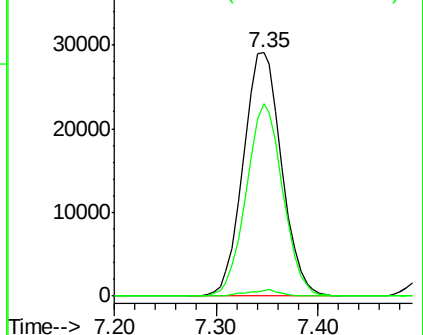
#28

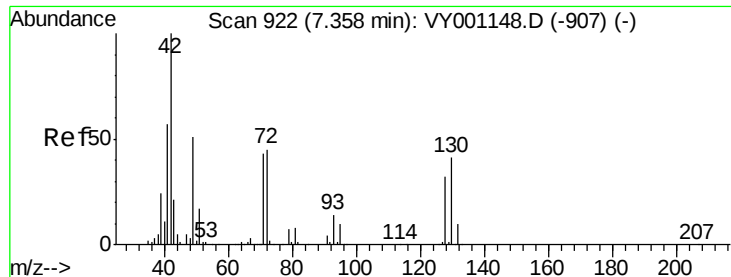
Bromochloromethane
Concen: 56.467 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 49 Resp: 75951
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 75.5 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

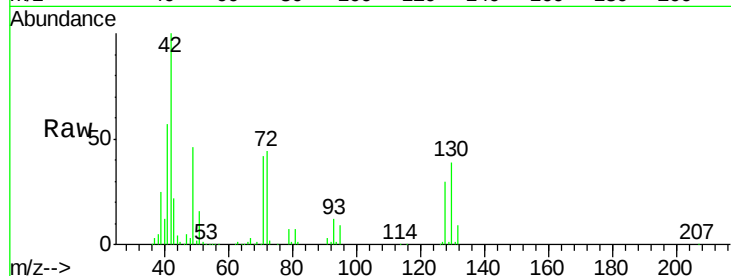




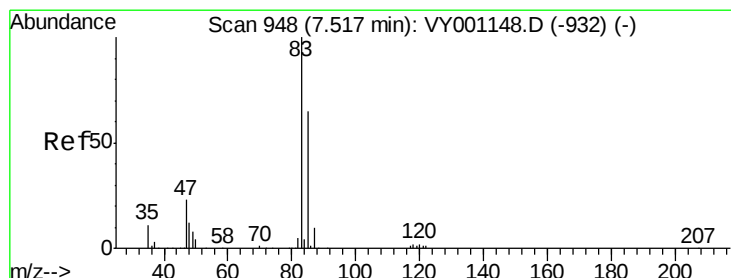
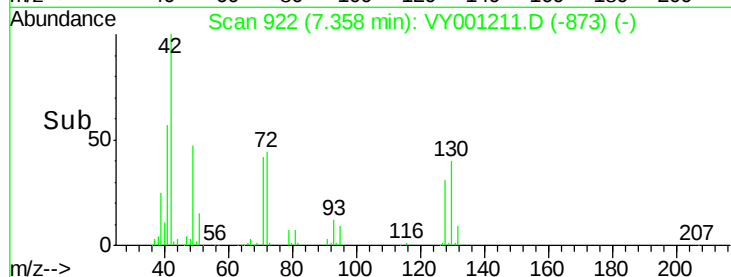
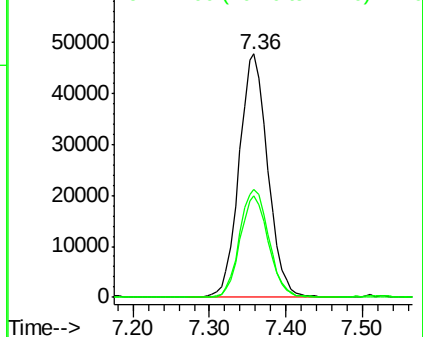
#29
Tetrahydrofuran
Concen: 280.476 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

Tgt Ion: 42 Resp: 124580
Ion Ratio Lower Upper
42 100
72 45.2 36.9 55.3
71 41.4 34.0 51.0

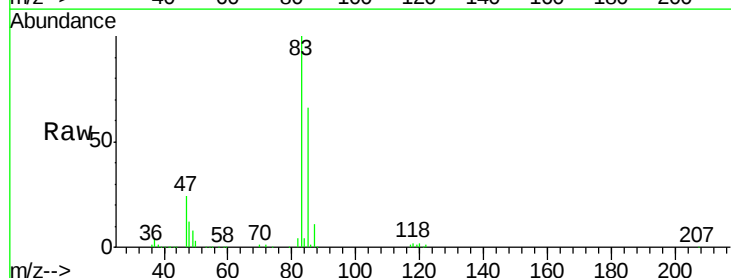


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

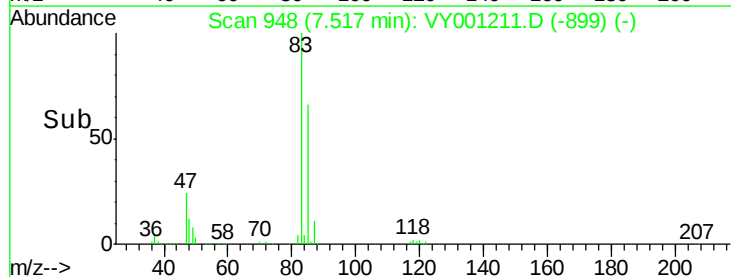
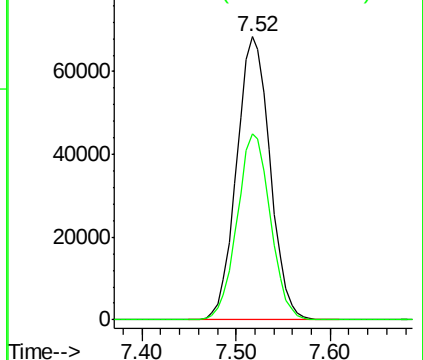


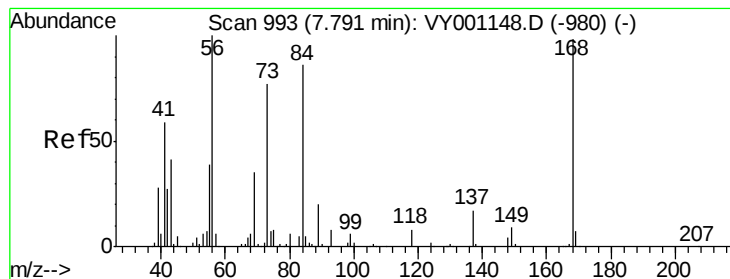
#30
Chloroform
Concen: 52.778 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 83 Resp: 169387
Ion Ratio Lower Upper
83 100
85 65.9 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 44.284 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampled :

BW-1-3.0MSD

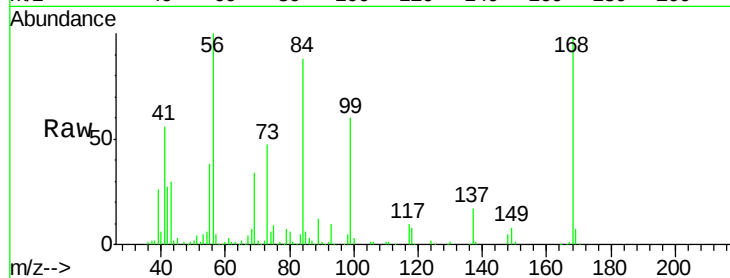
Tgt Ion: 56 Resp: 153581

Ion Ratio Lower Upper

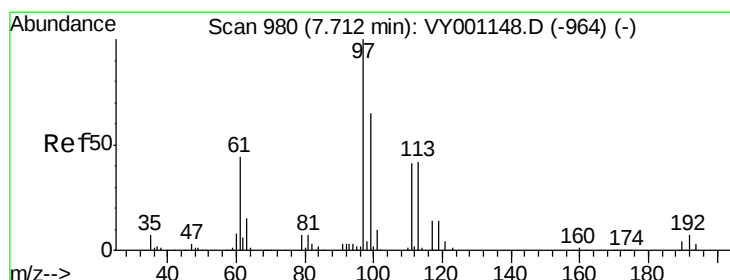
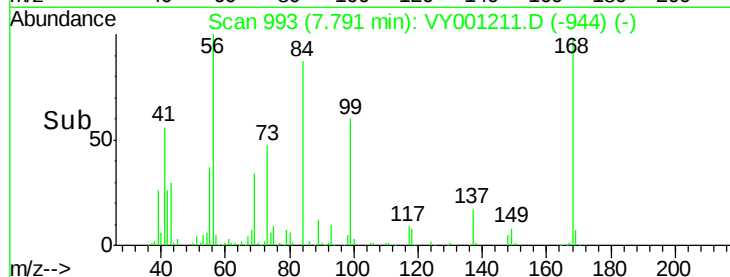
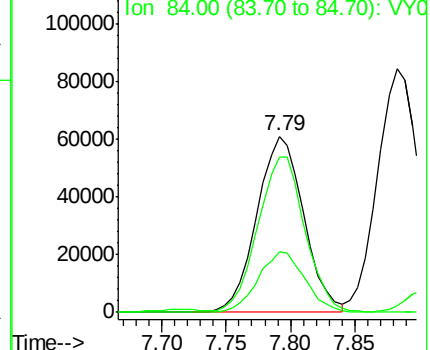
56 100

69 34.1 27.8 41.8

84 86.7 68.9 103.3



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 51.074 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

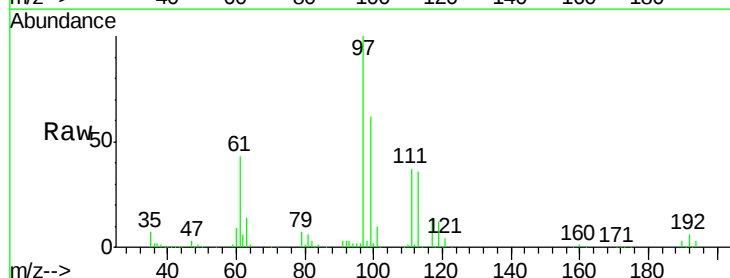
Tgt Ion: 97 Resp: 145442

Ion Ratio Lower Upper

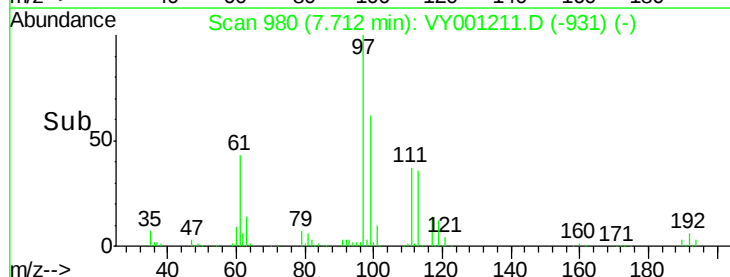
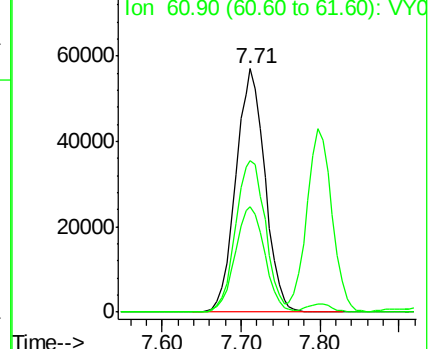
97 100

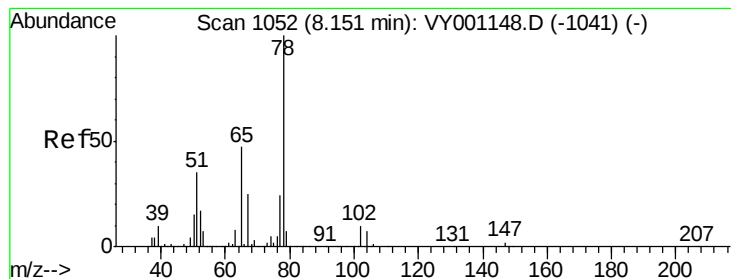
99 64.1 51.3 76.9

61 44.1 34.6 52.0



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 50.711 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

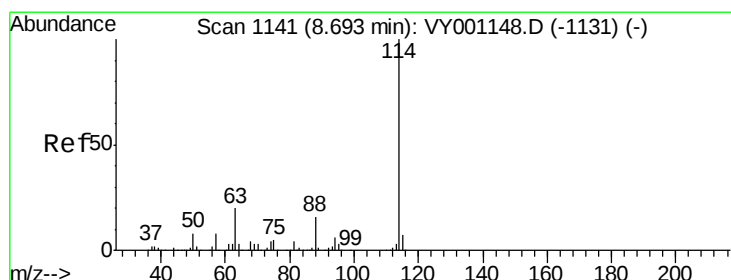
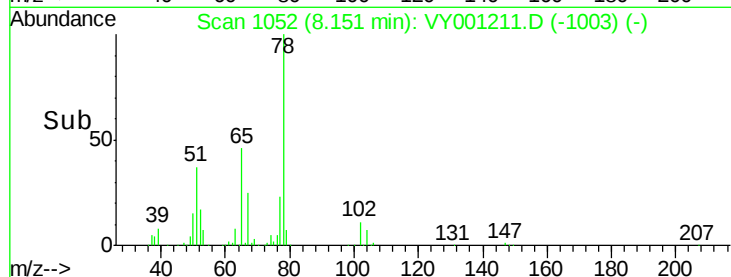
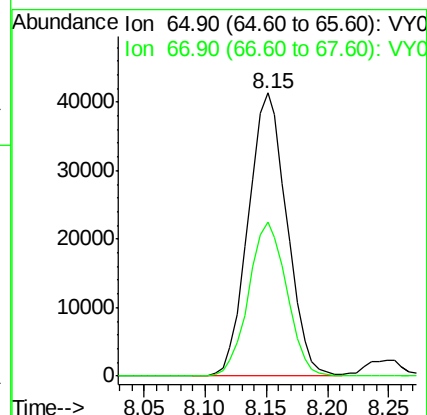
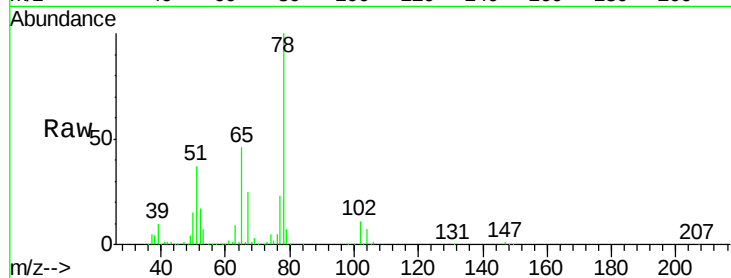
BW-1-3.0MSD

Tgt Ion: 65 Resp: 90934

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

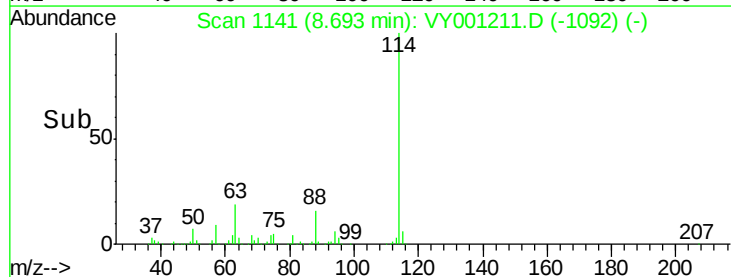
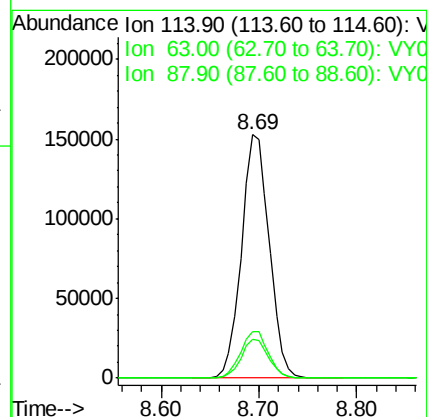
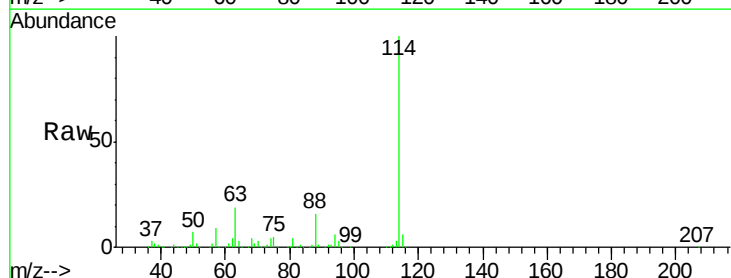
Tgt Ion: 114 Resp: 299412

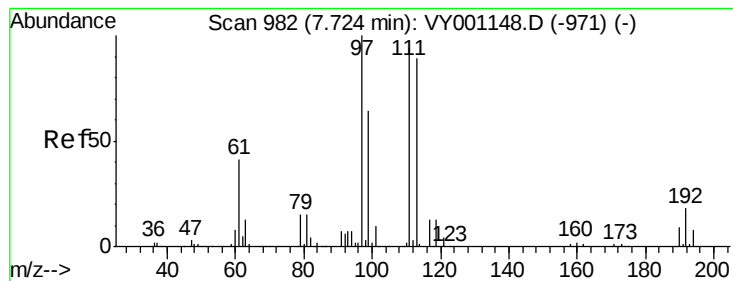
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.486 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

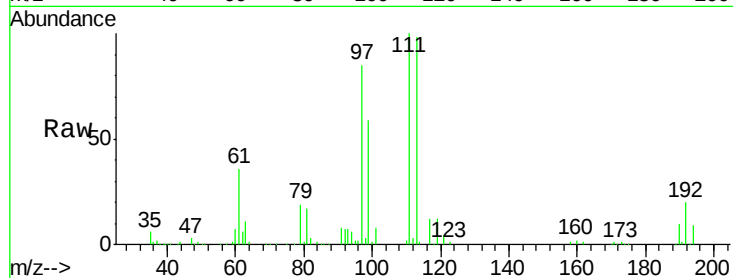
Tgt Ion:113 Resp: 84998

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

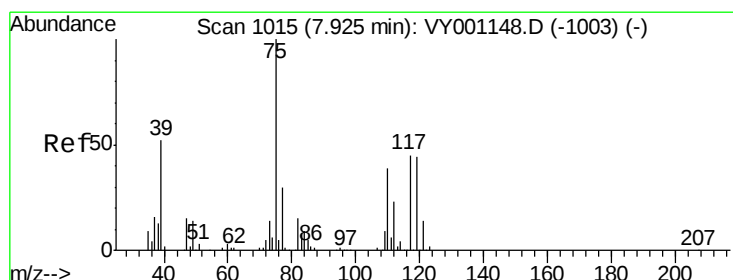
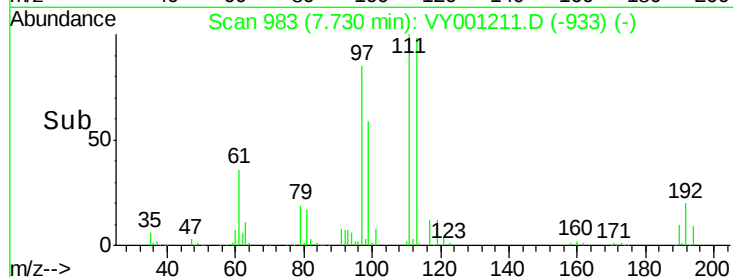
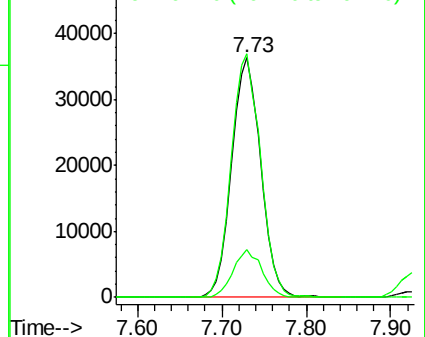
192 19.6 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.417 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

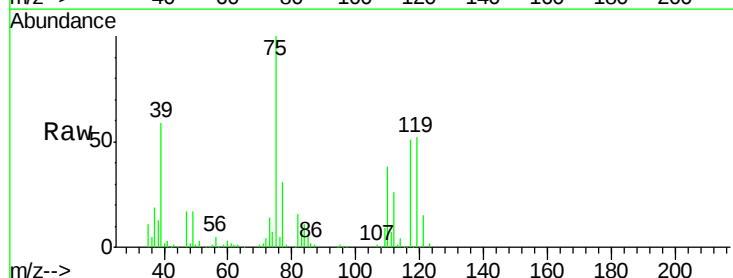
Tgt Ion: 75 Resp: 132129

Ion Ratio Lower Upper

75 100

110 36.9 18.3 54.8

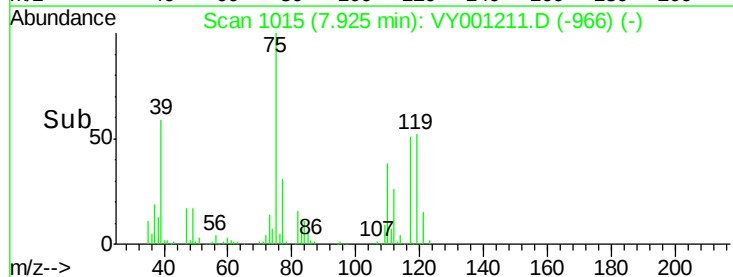
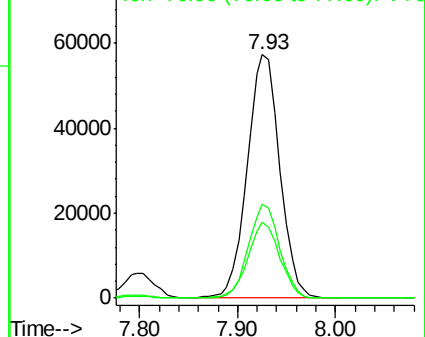
77 30.7 25.1 37.7

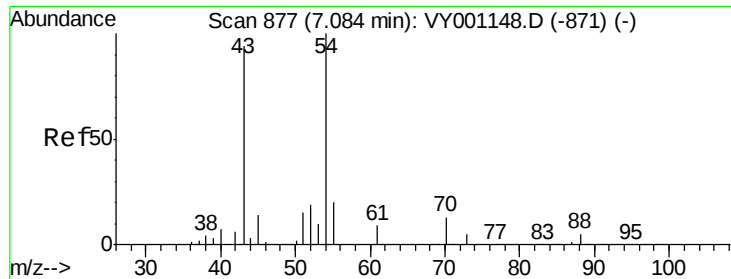


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

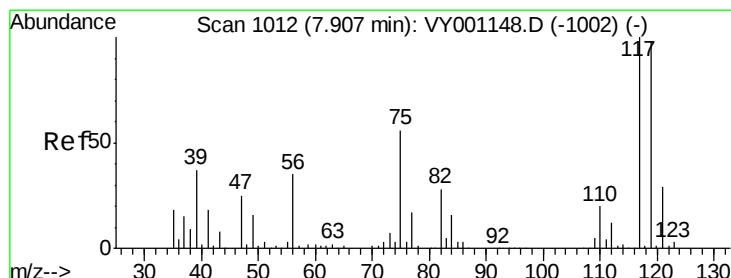
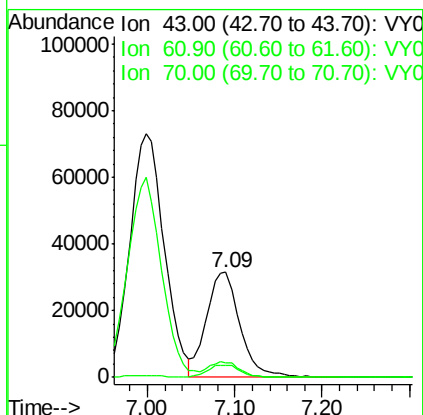
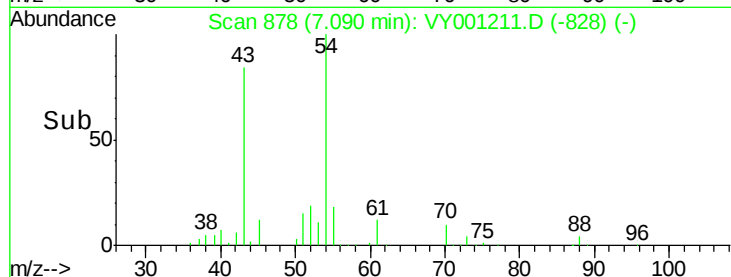
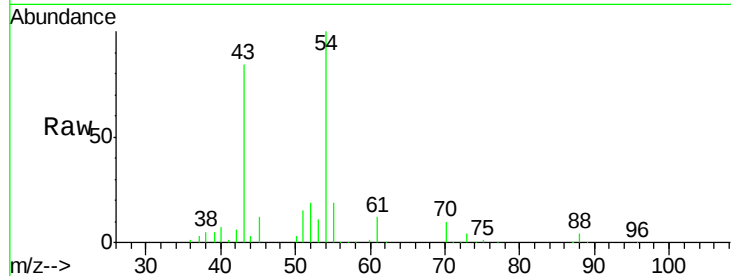




#37
Ethyl Acetate
Concen: 52.284 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

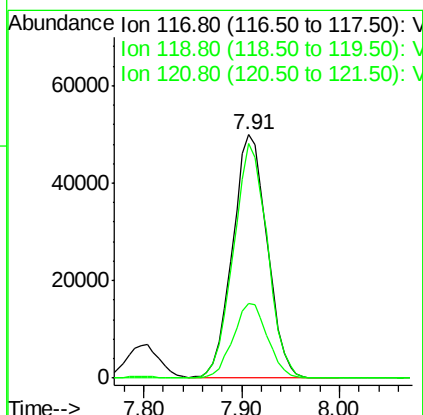
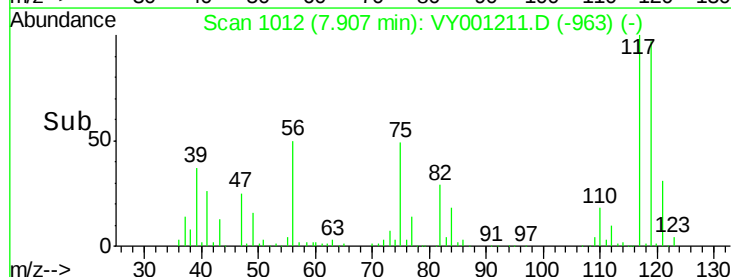
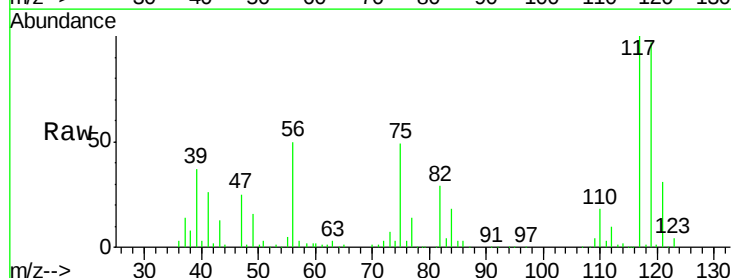
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

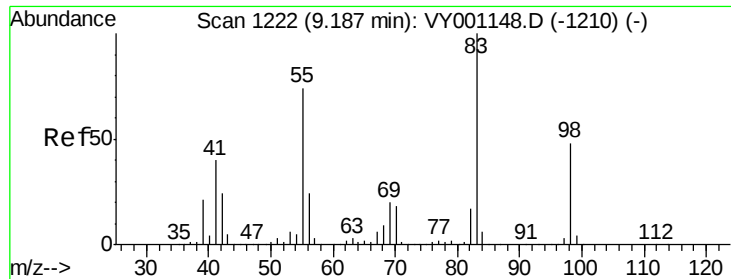
Tgt Ion: 43 Resp: 83736
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 11.7 9.7 14.5



#38
Carbon Tetrachloride
Concen: 49.061 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 117 Resp: 122700
Ion Ratio Lower Upper
117 100
119 96.6 78.3 117.5
121 30.6 23.5 35.3

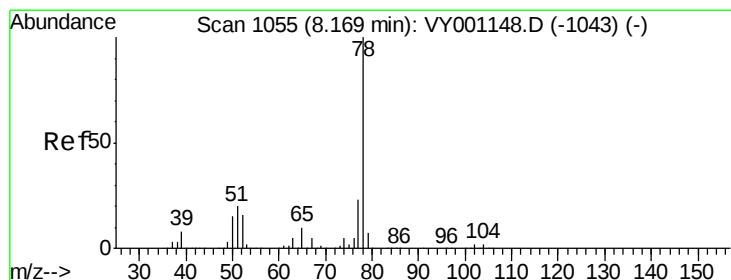
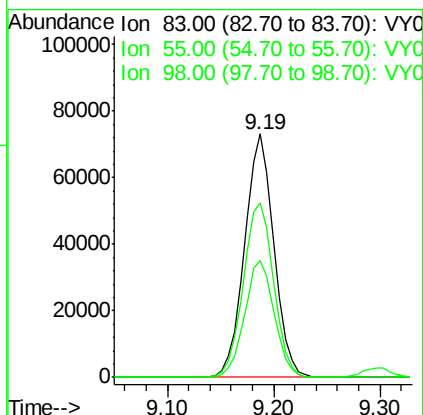
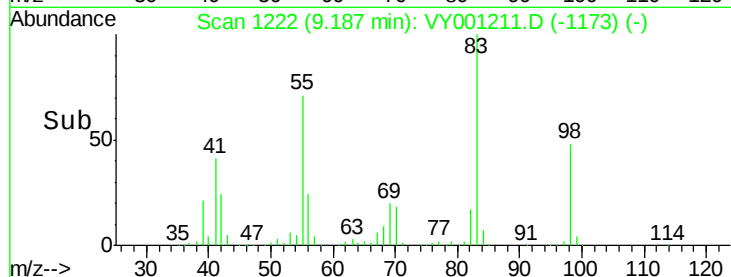
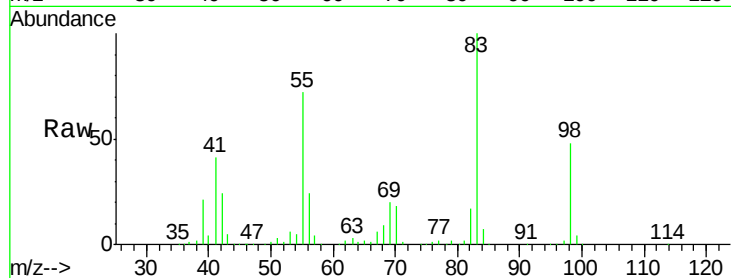




#39
Methylcyclohexane
Concen: 38.067 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

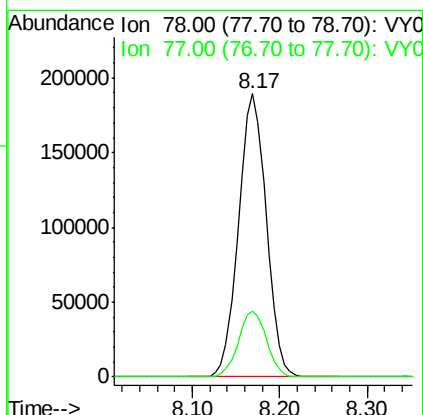
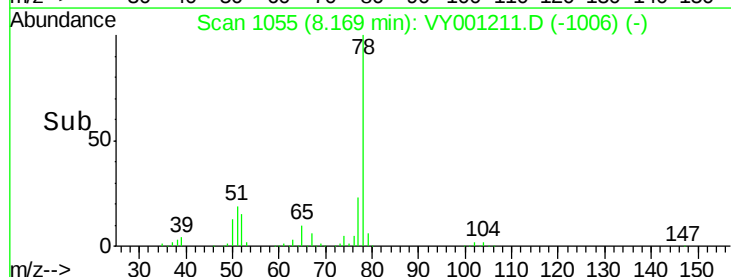
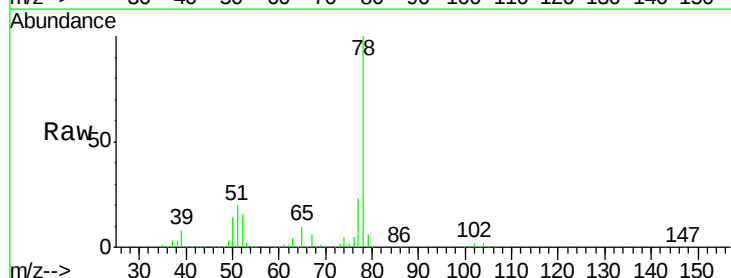
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

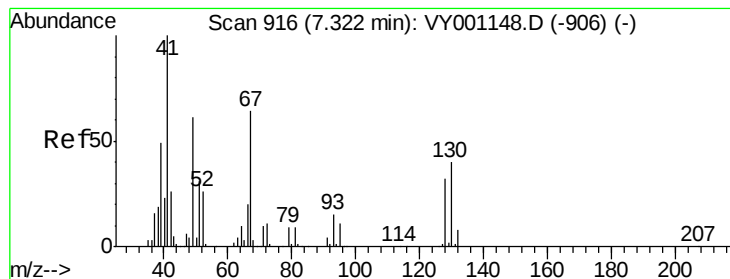
Tgt Ion: 83 Resp: 140838
Ion Ratio Lower Upper
83 100
55 71.6 58.9 88.3
98 48.0 38.4 57.6



#40
Benzene
Concen: 52.251 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 78 Resp: 416230
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 154.060 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.03 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

Tgt Ion: 41 Resp: 115901

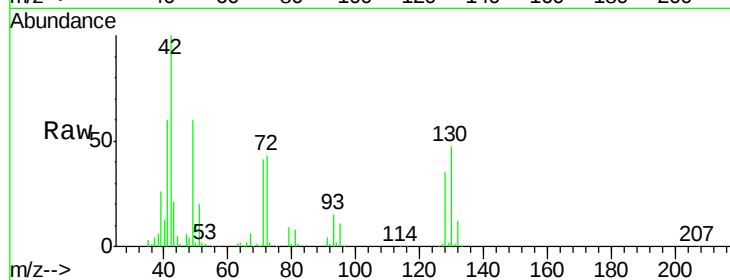
Ion Ratio Lower Upper

41 100

39 46.3 103.5 155.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

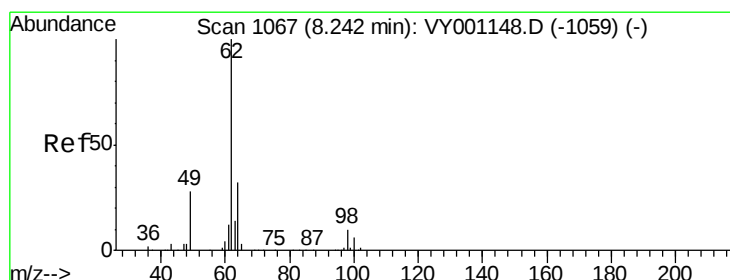
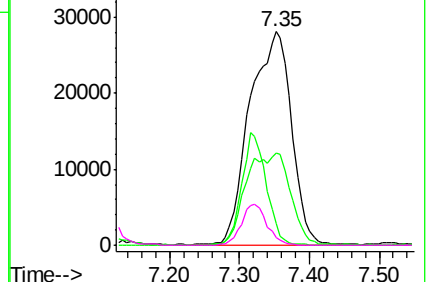
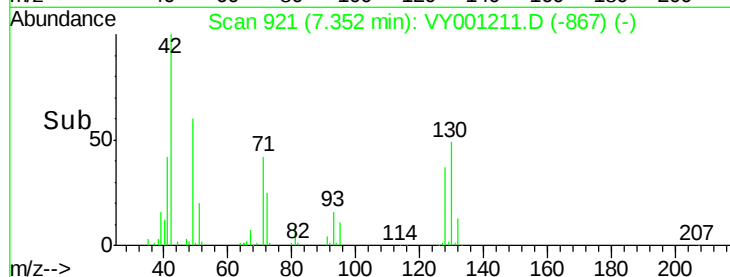


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 51.969 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VY001211.D

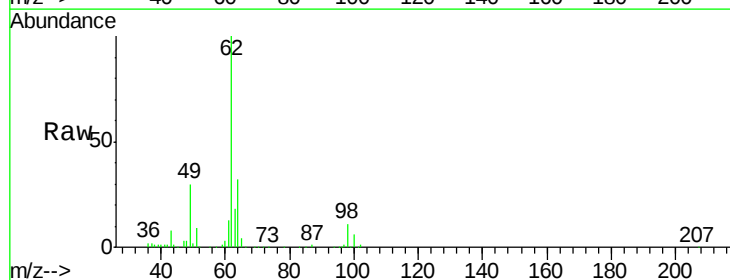
Acq: 15 Jan 2020 12:43

Tgt Ion: 62 Resp: 115921

Ion Ratio Lower Upper

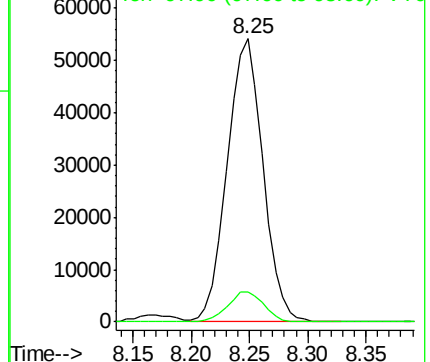
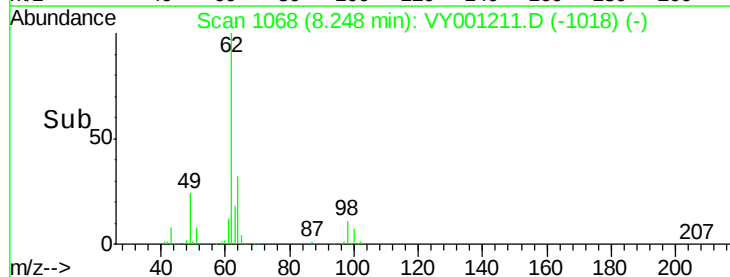
62 100

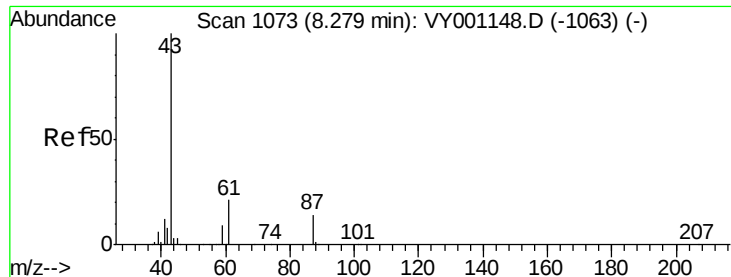
98 10.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

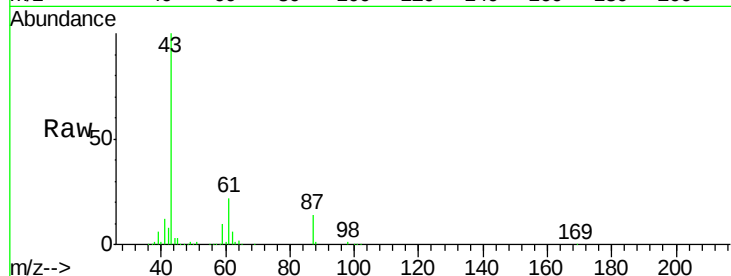




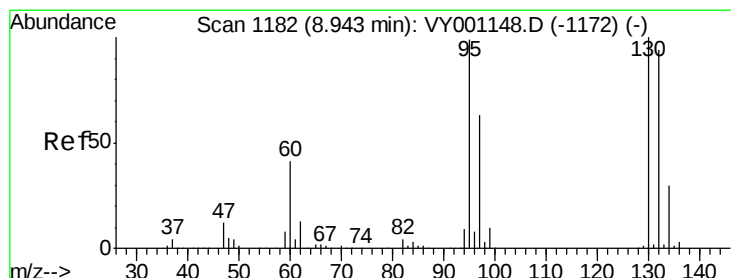
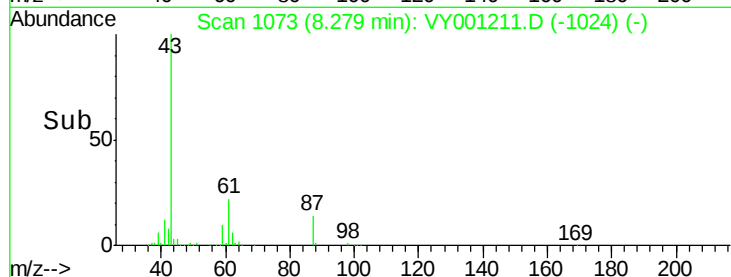
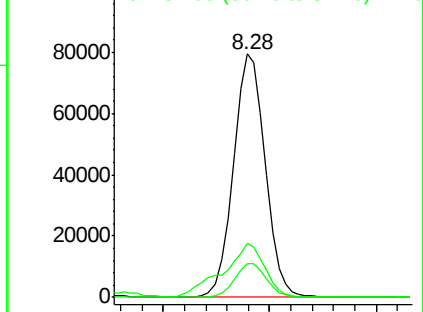
#43
Isopropyl Acetate
Concen: 54.018 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

Tgt Ion: 43 Resp: 165431
Ion Ratio Lower Upper
43 100
61 29.1 23.9 35.9
87 14.0 11.4 17.2

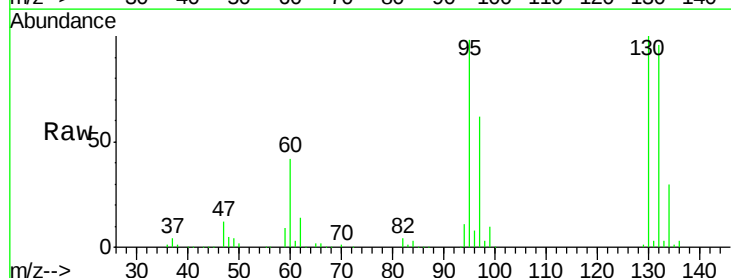


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

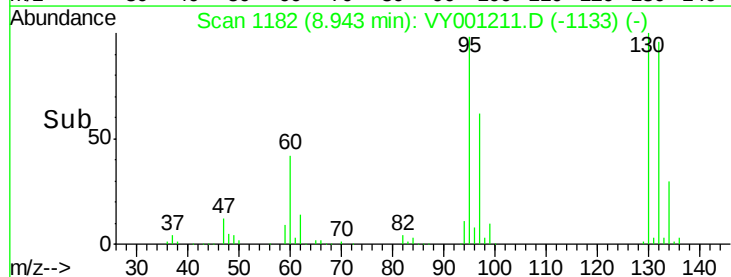
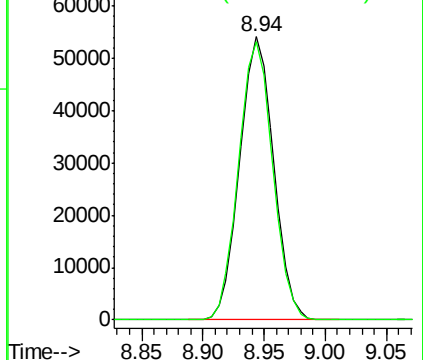


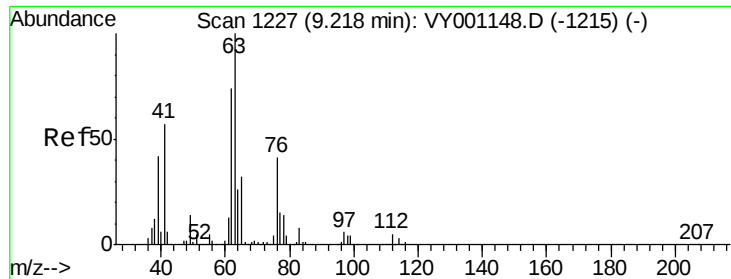
#44
Trichloroethene
Concen: 50.382 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 130 Resp: 104579
Ion Ratio Lower Upper
130 100
95 98.4 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 52.865 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

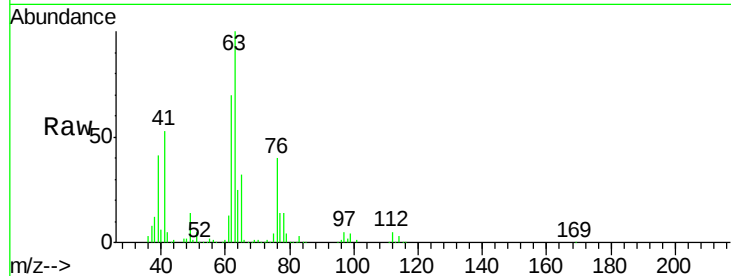
BW-1-3.0MSD

Tgt Ion: 63 Resp: 104109

Ion Ratio Lower Upper

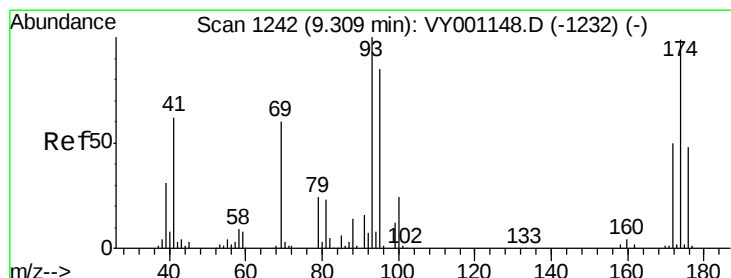
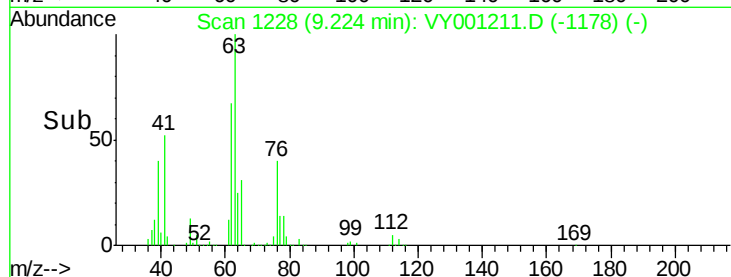
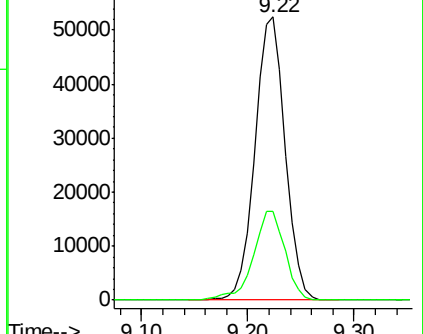
63 100

65 31.5 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 53.127 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

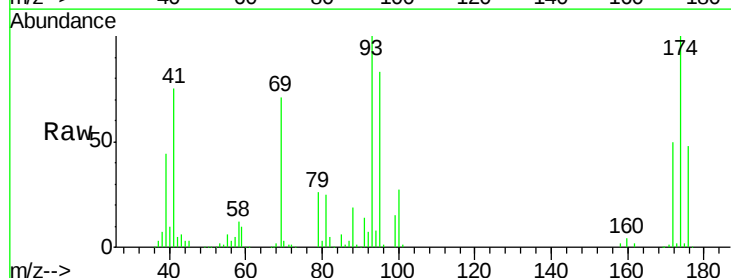
Tgt Ion: 93 Resp: 57086

Ion Ratio Lower Upper

93 100

95 82.3 66.8 100.2

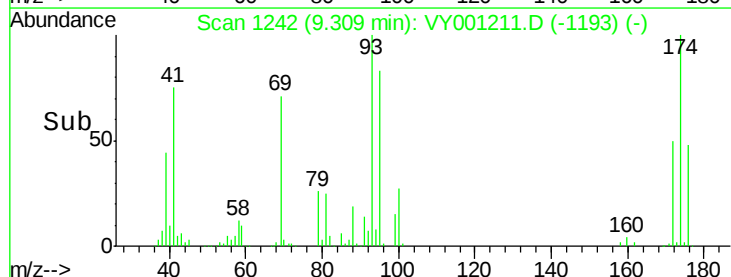
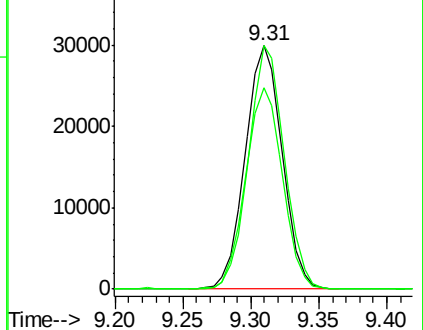
174 96.7 78.4 117.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 52.146 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

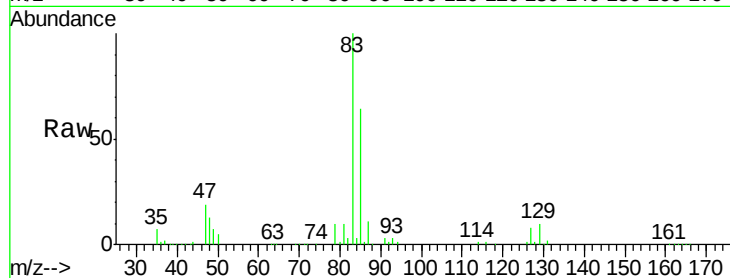
Tgt Ion: 83 Resp: 136555

Ion Ratio Lower Upper

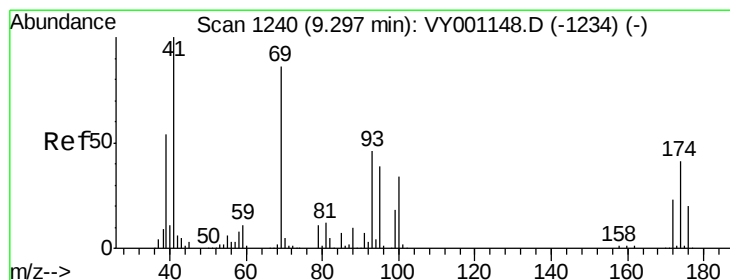
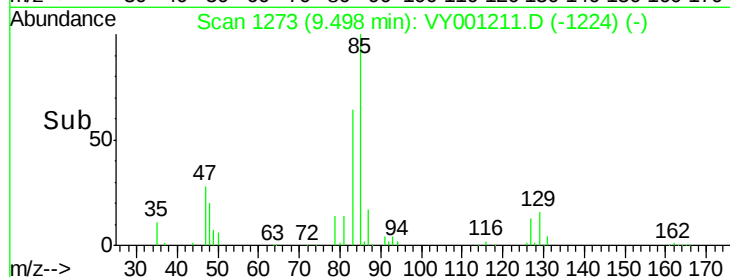
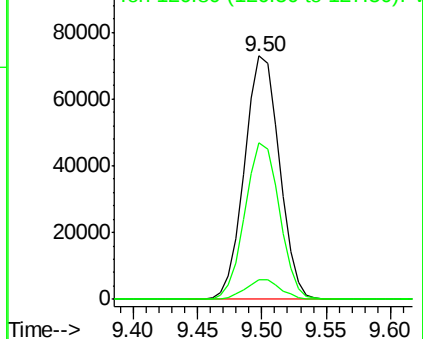
83 100

85 64.3 51.5 77.3

127 8.0 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.304 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

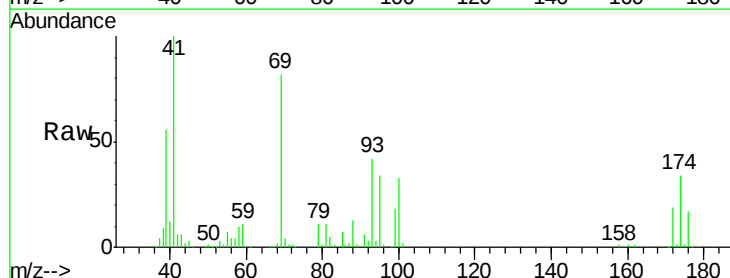
Tgt Ion: 41 Resp: 76959

Ion Ratio Lower Upper

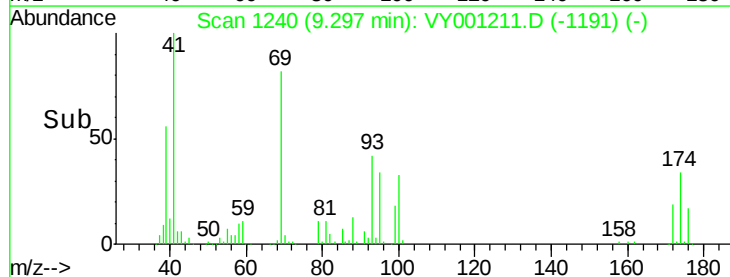
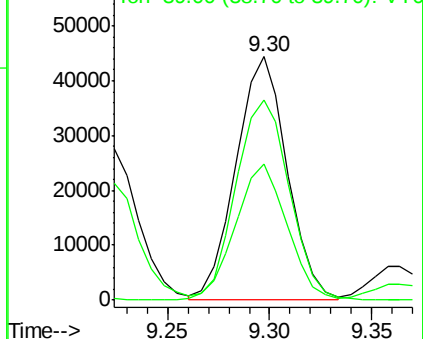
41 100

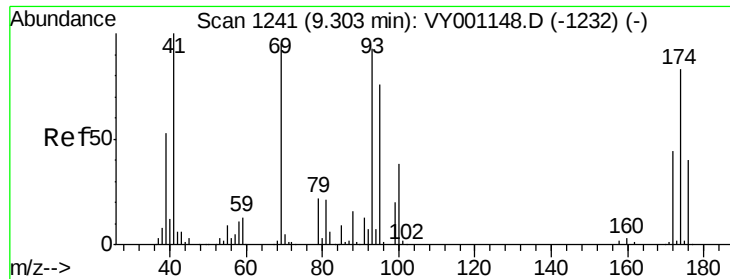
69 86.5 69.8 104.8

39 56.5 45.2 67.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

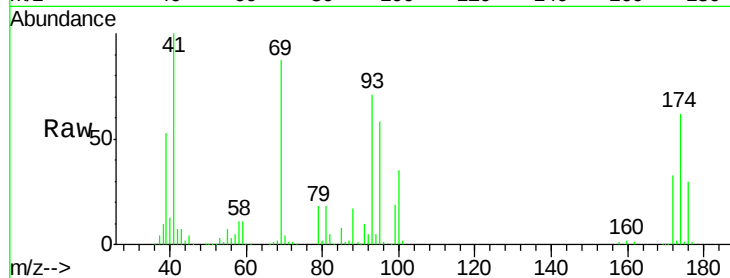




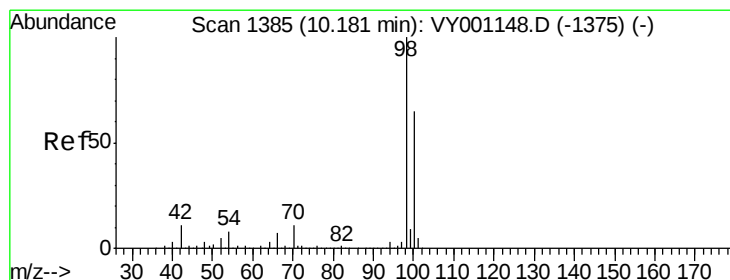
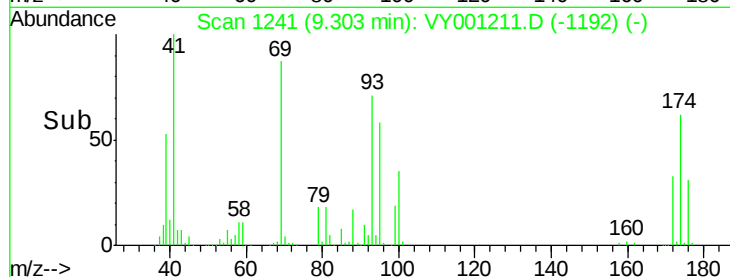
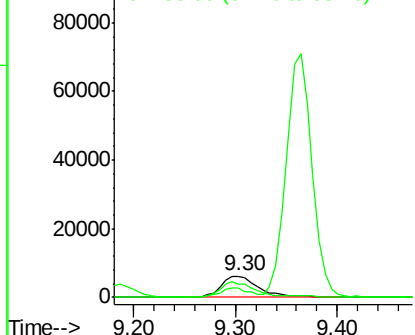
#49
 1,4-Dioxane
 Concen: 1231.041 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MSD

Tgt Ion: 88 Resp: 16109
 Ion Ratio Lower Upper
 88 100
 43 31.7 22.4 33.6
 58 71.9 58.0 87.0

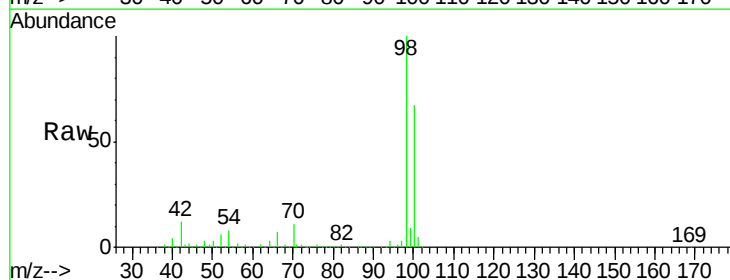


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

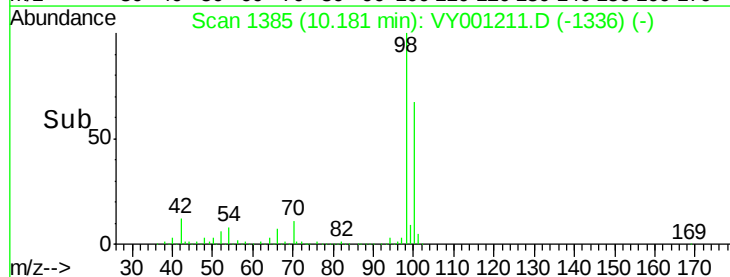
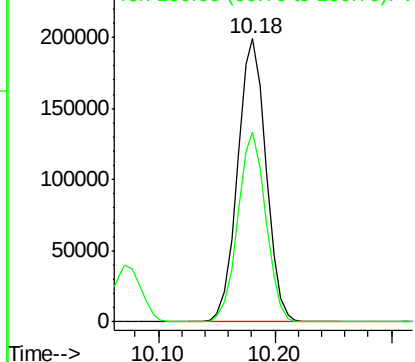


#50
 Toluene-d8
 Concen: 49.936 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion: 98 Resp: 337309
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0

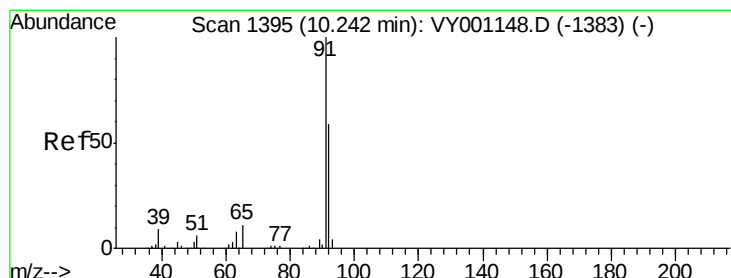
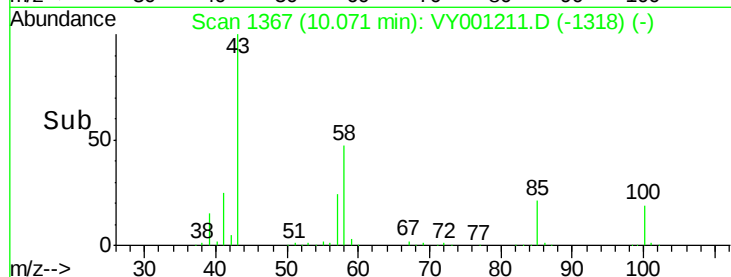
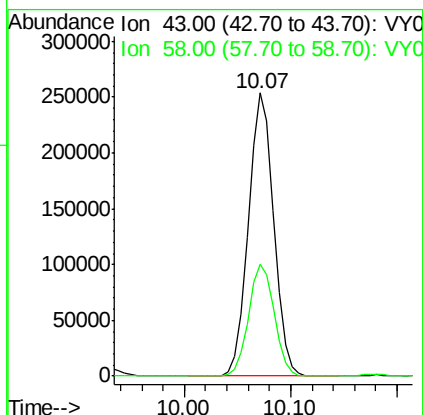
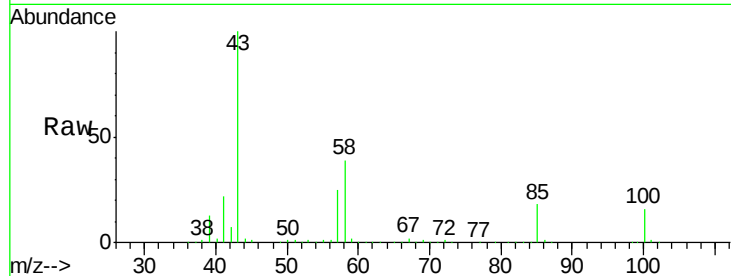




#51
 4-Methyl-2-Pentanone
 Concen: 272.161 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

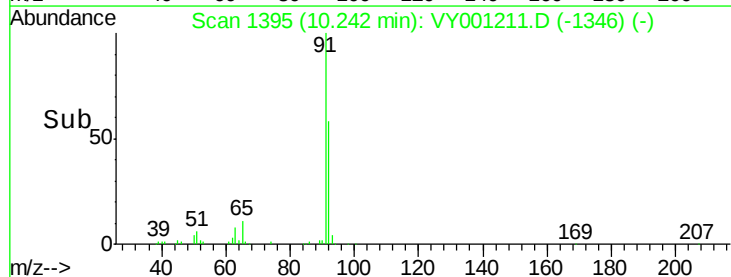
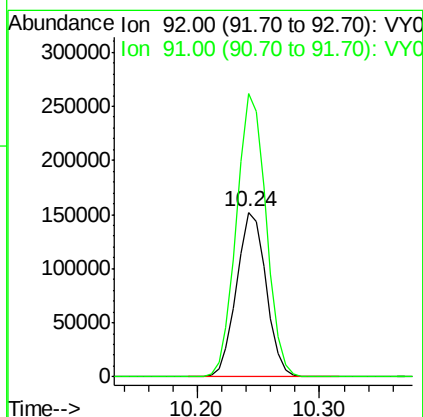
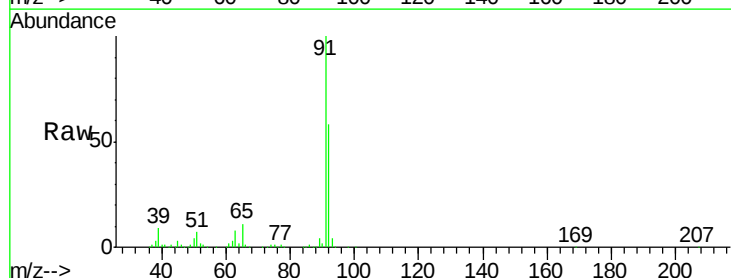
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MSD

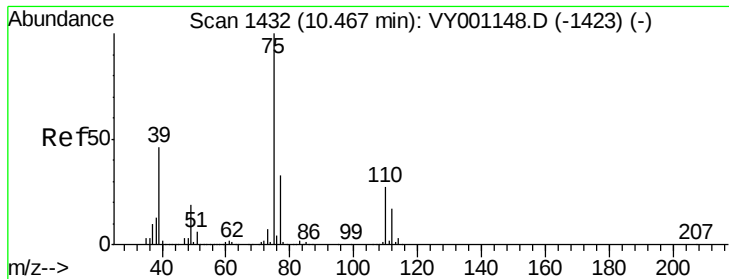
Tgt Ion: 43 Resp: 422923
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.3 48.5



#52
 Toluene
 Concen: 50.178 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion: 92 Resp: 254941
 Ion Ratio Lower Upper
 92 100
 91 172.3 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 51.328 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampled :

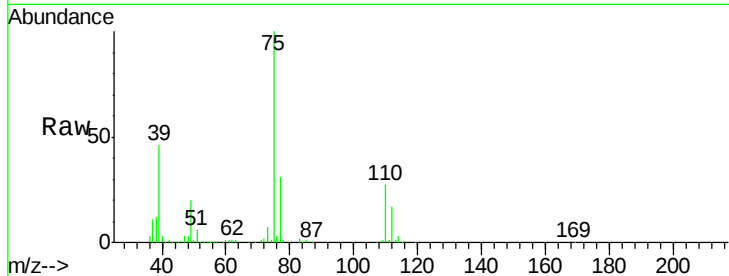
BW-1-3.0MSD

Tgt Ion: 75 Resp: 150408

Ion Ratio Lower Upper

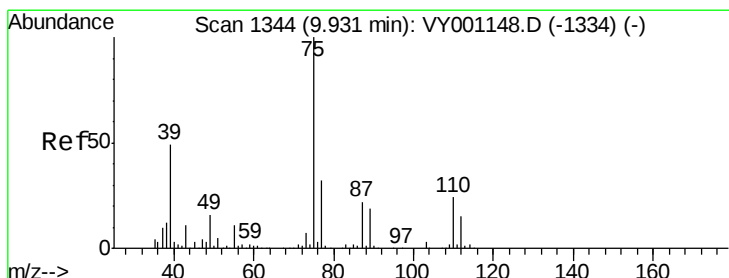
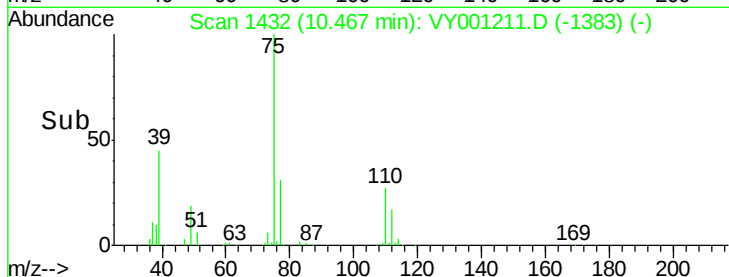
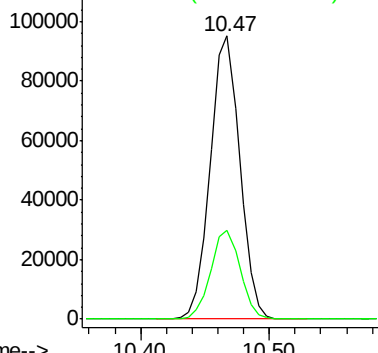
75 100

77 31.2 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 51.824 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

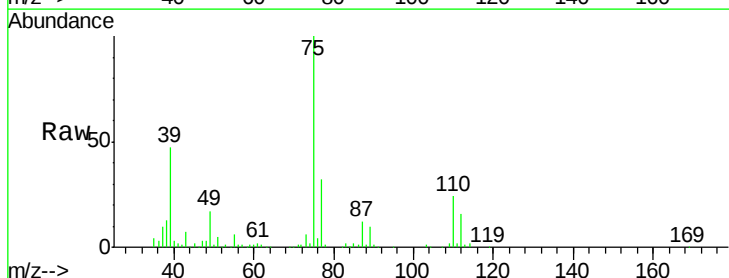
Tgt Ion: 75 Resp: 171219

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

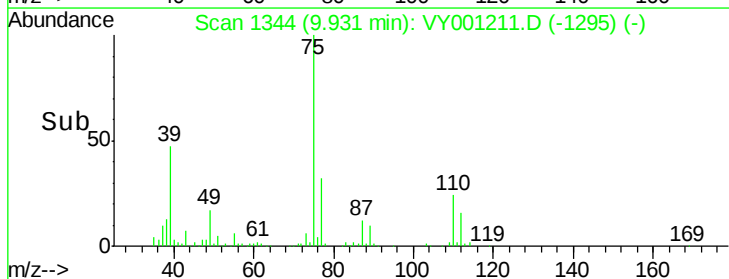
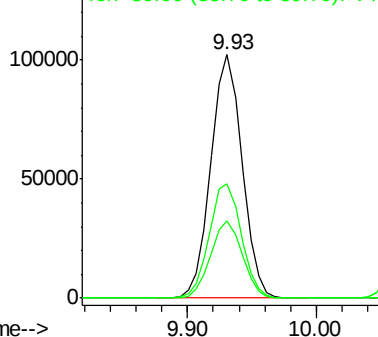
39 47.2 39.1 58.7

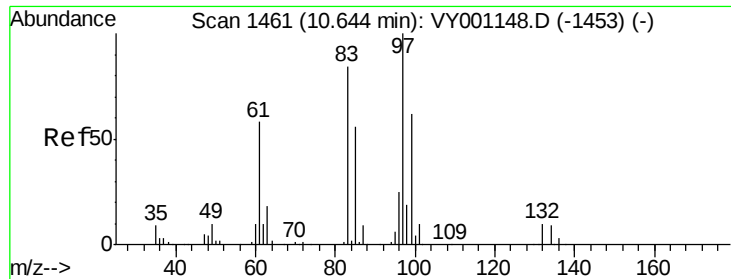


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

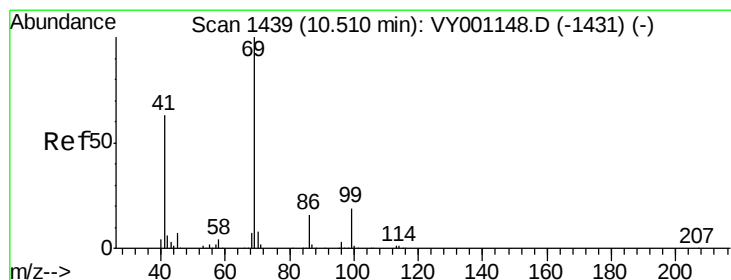
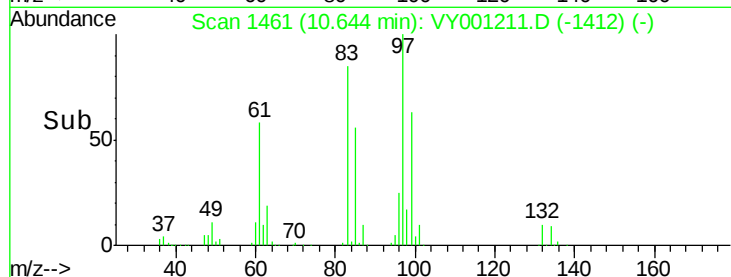
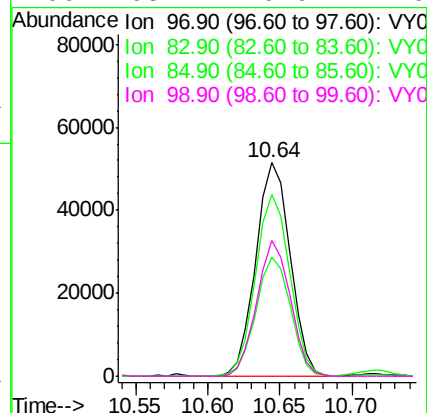
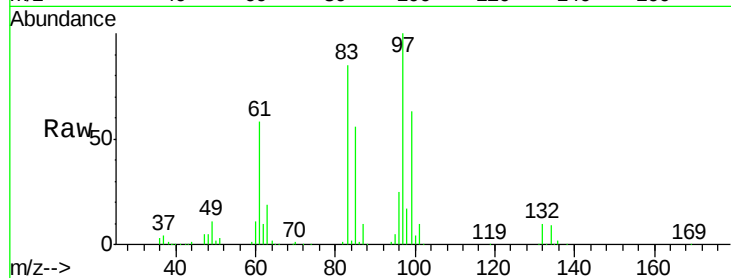




#55
 1,1,2-Trichloroethane
 Concen: 53.460 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

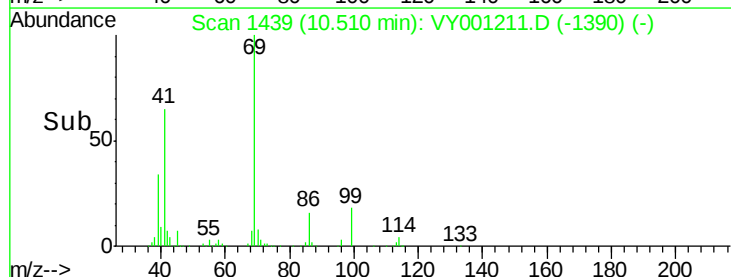
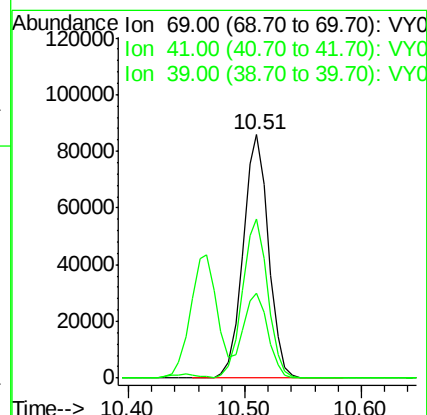
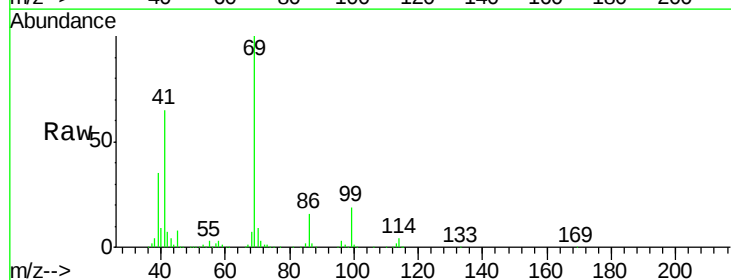
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MSD

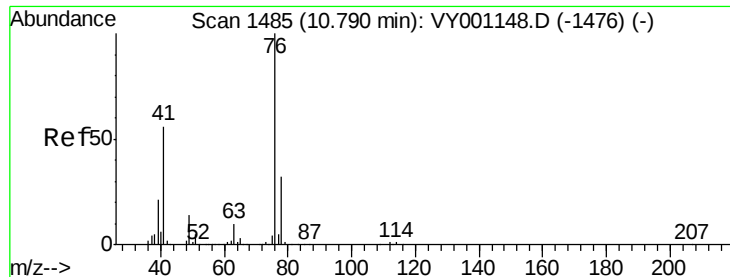
Tgt Ion: 97 Resp: 85160
 Ion Ratio Lower Upper
 97 100
 83 85.1 67.2 100.8
 85 55.9 44.9 67.3
 99 63.2 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 53.157 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion: 69 Resp: 129529
 Ion Ratio Lower Upper
 69 100
 41 65.4 51.4 77.2
 39 35.0 26.3 39.5





#57

1,3-Dichloropropane

Concen: 53.738 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampled :

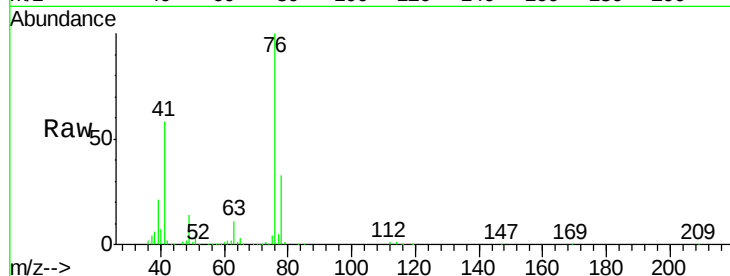
BW-1-3.0MSD

Tgt Ion: 76 Resp: 146957

Ion Ratio Lower Upper

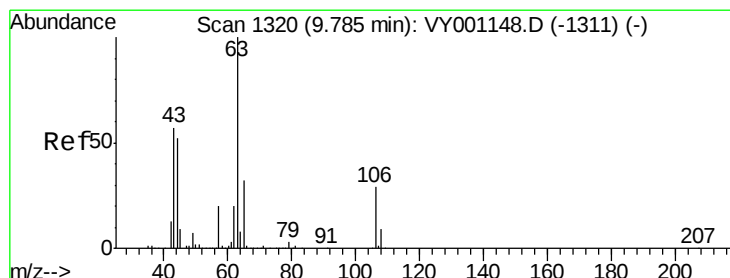
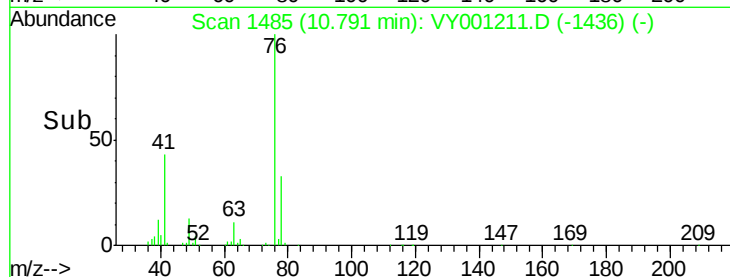
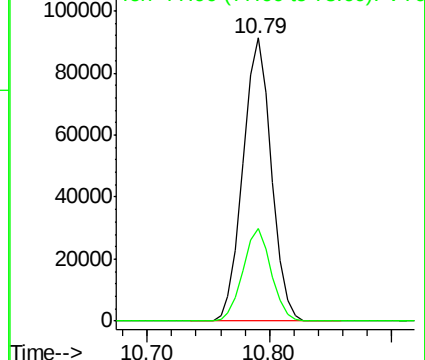
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 230.961 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001211.D

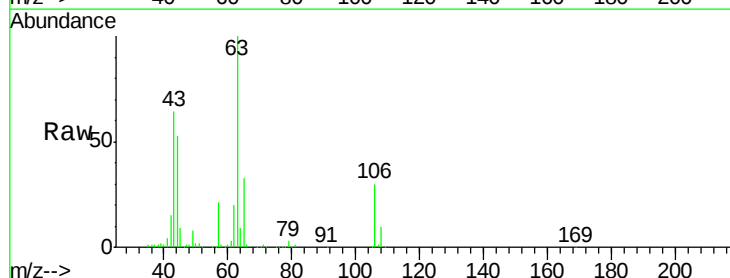
Acq: 15 Jan 2020 12:43

Tgt Ion: 63 Resp: 197938

Ion Ratio Lower Upper

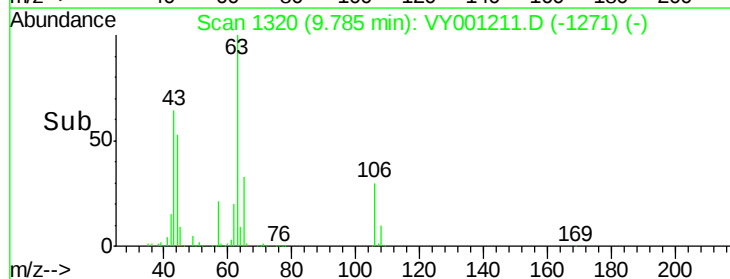
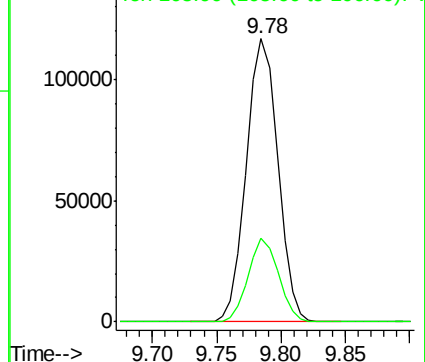
63 100

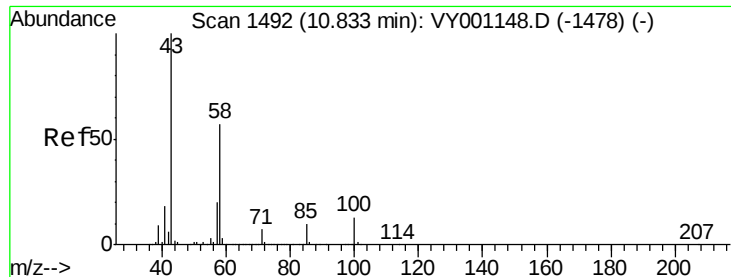
106 28.3 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

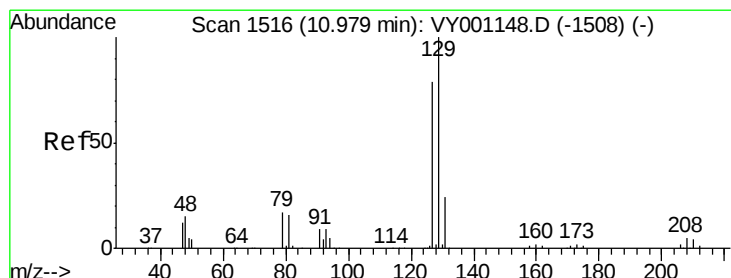
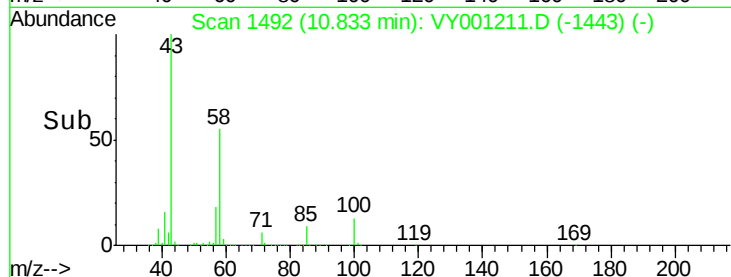
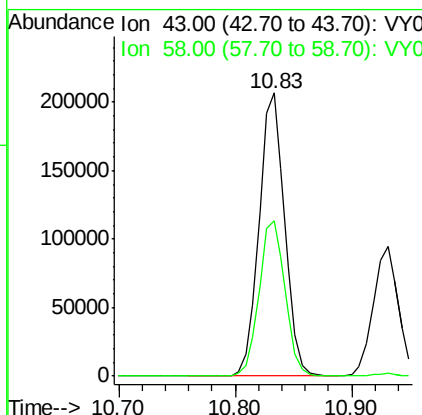
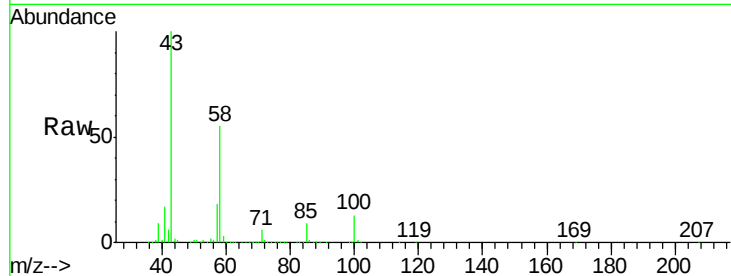




#59
2-Hexanone
Concen: 290.389 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

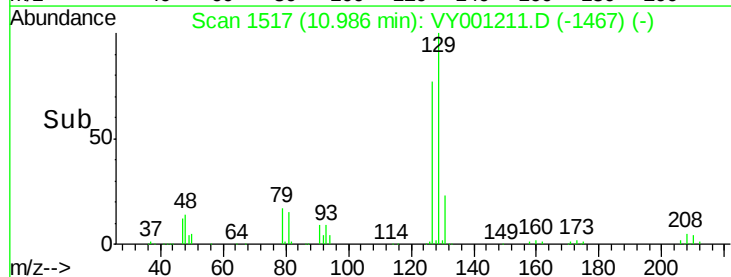
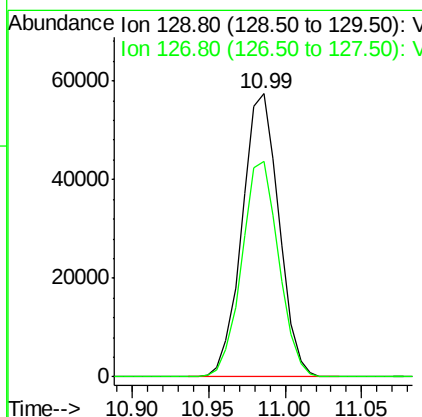
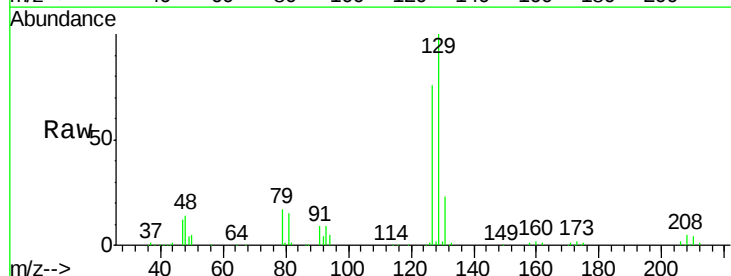
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

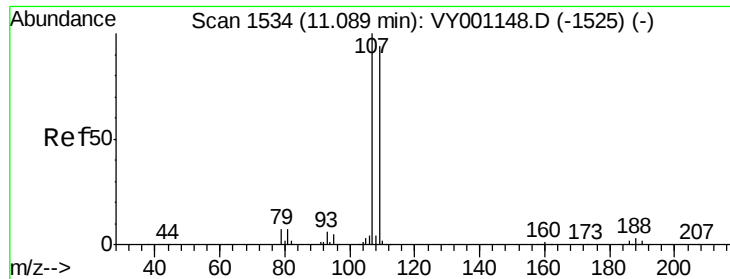
Tgt Ion: 43 Resp: 316249
Ion Ratio Lower Upper
43 100
58 55.7 28.4 85.2



#60
Dibromochloromethane
Concen: 52.472 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 129 Resp: 96239
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7

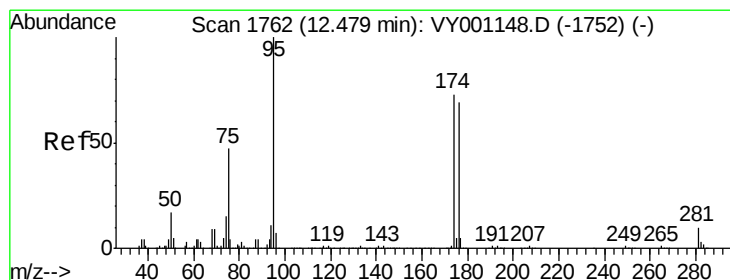
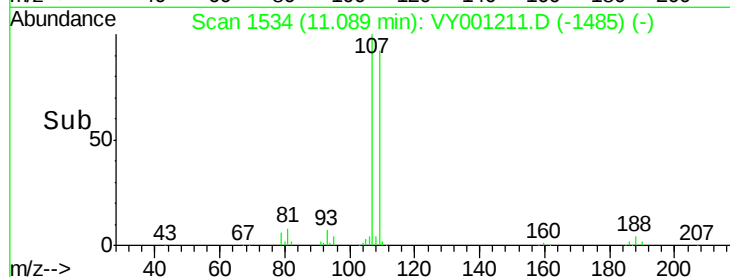
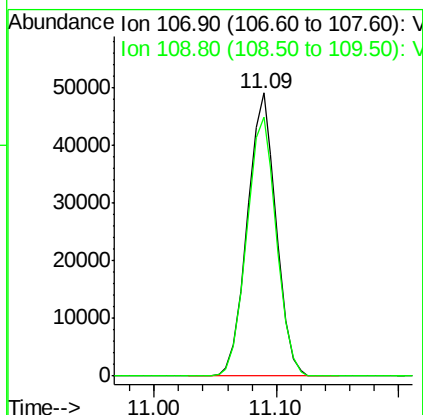
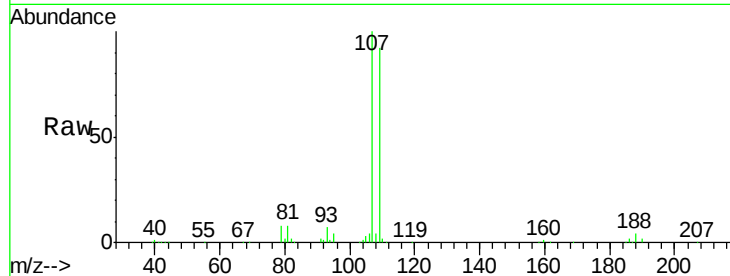




#61
 1,2-Dibromoethane
 Concen: 51.474 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

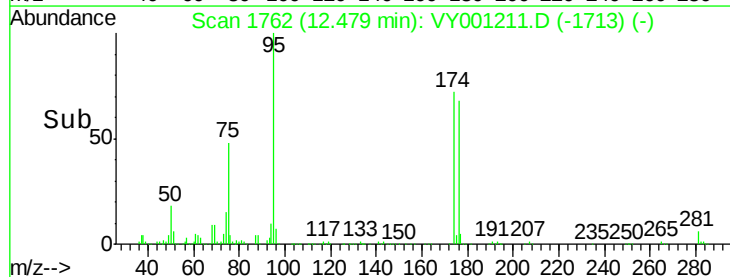
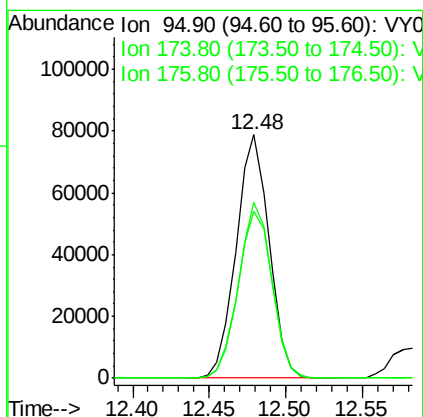
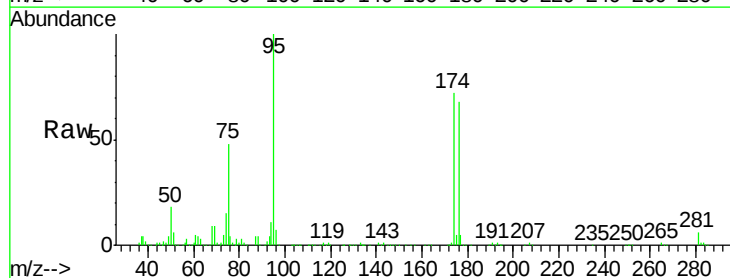
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MSD

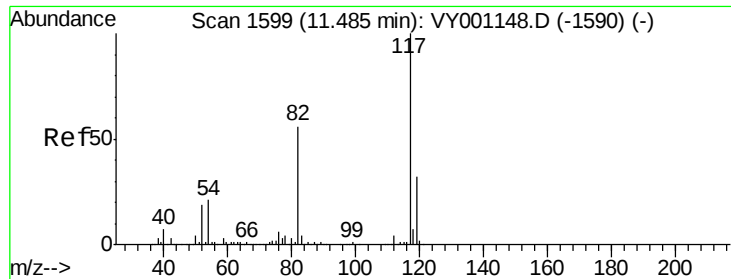
Tgt Ion: 107 Resp: 80064
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 42.651 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion: 95 Resp: 117783
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 143.2
 176 70.9 0.0 136.0

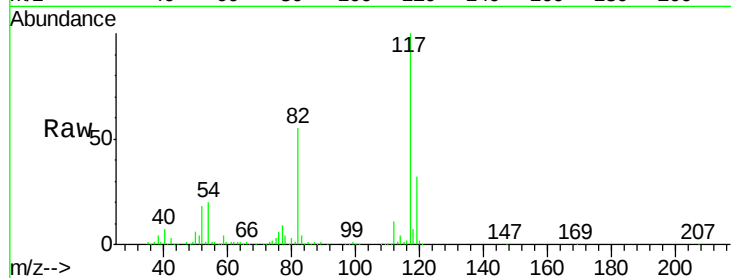




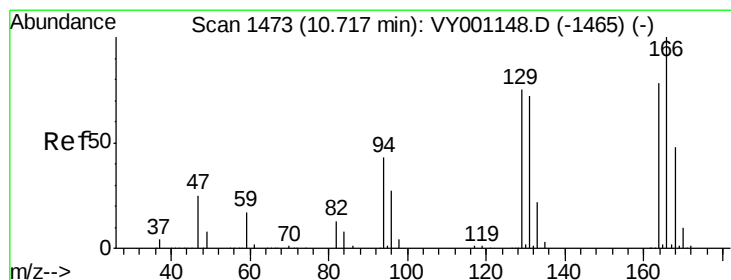
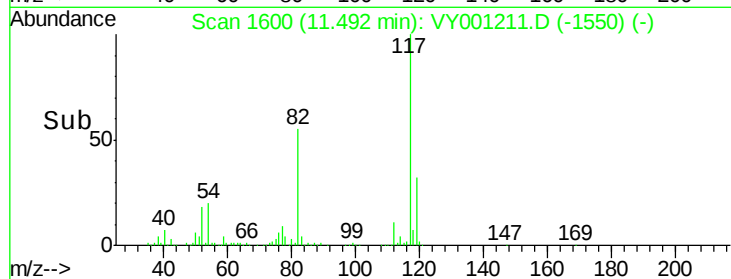
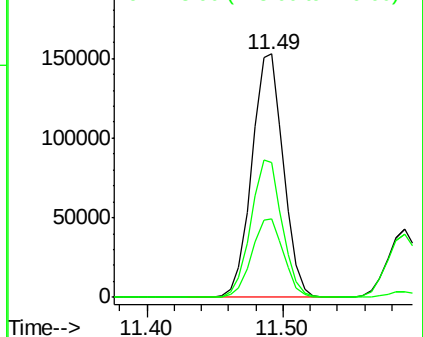
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

Tgt Ion:117 Resp: 248584
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 32.1 25.7 38.5

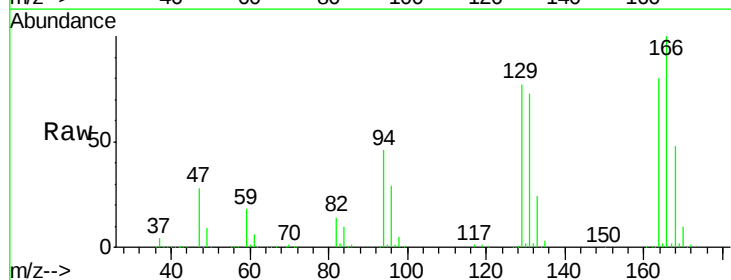


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

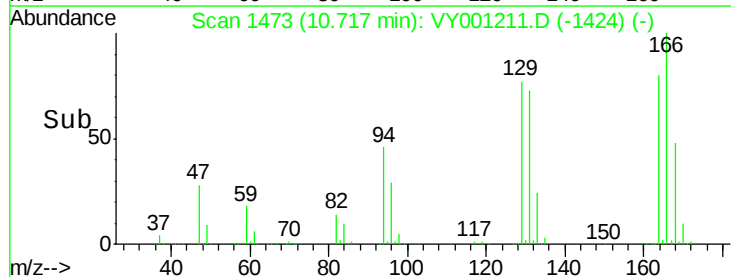
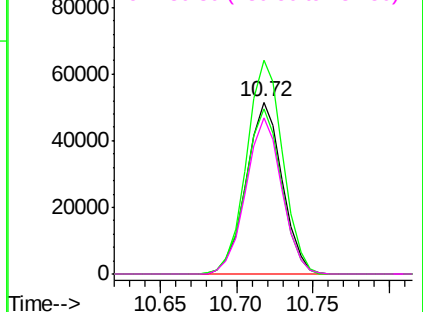


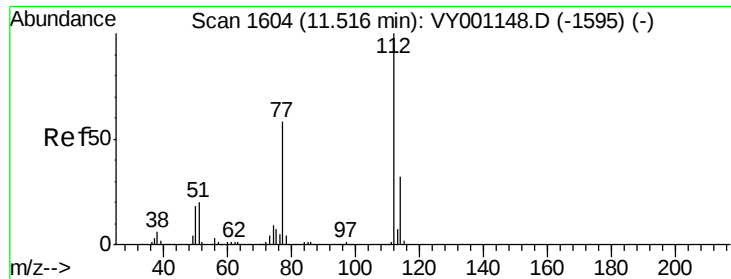
#64
Tetrachloroethene
Concen: 52.429 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion:164 Resp: 84014
Ion Ratio Lower Upper
164 100
166 124.2 102.3 153.5
129 95.7 76.2 114.4
131 91.1 73.9 110.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

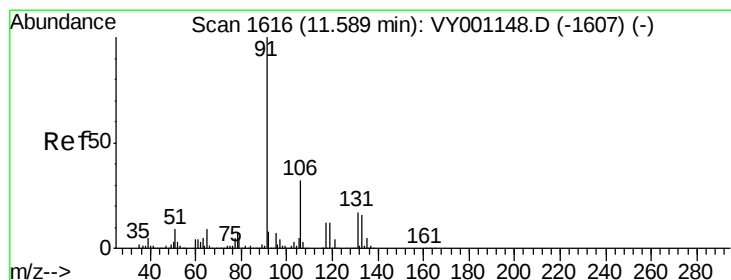
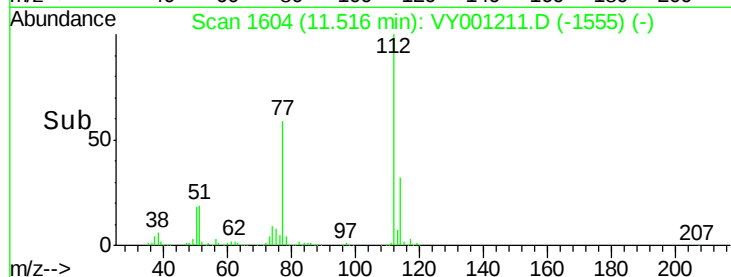
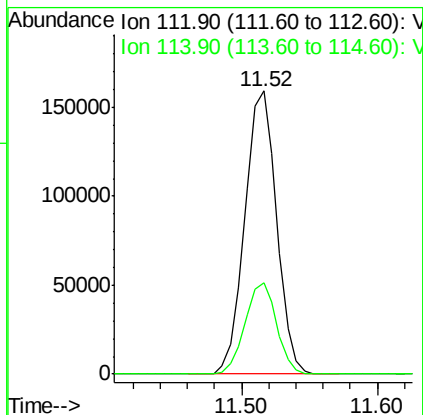
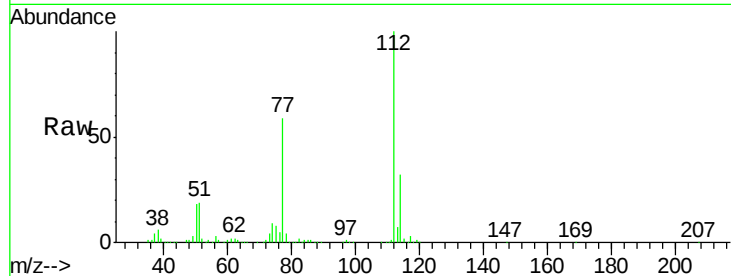




#65
Chlorobenzene
Concen: 52.458 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

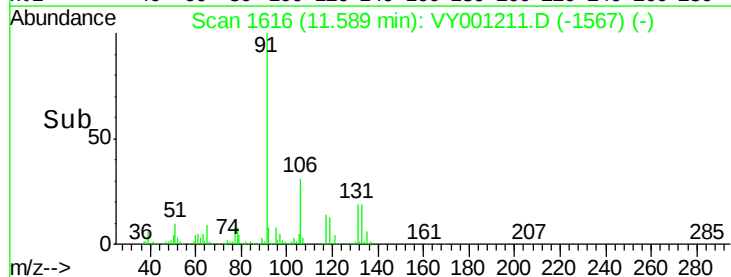
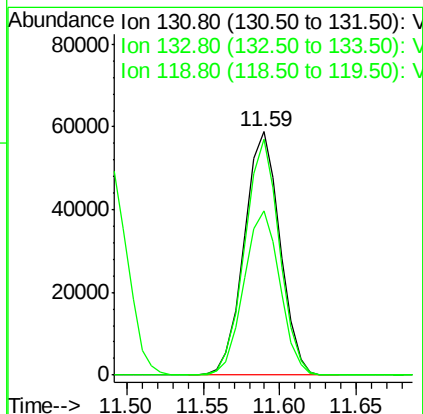
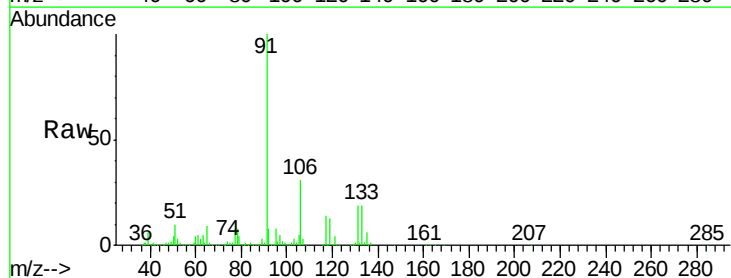
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

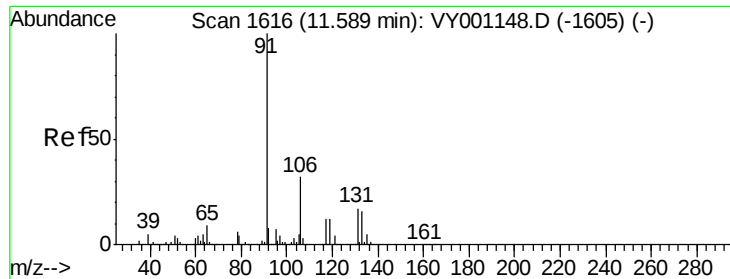
Tgt Ion:112 Resp: 260567
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.838 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion:131 Resp: 95592
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 68.5 33.6 100.8

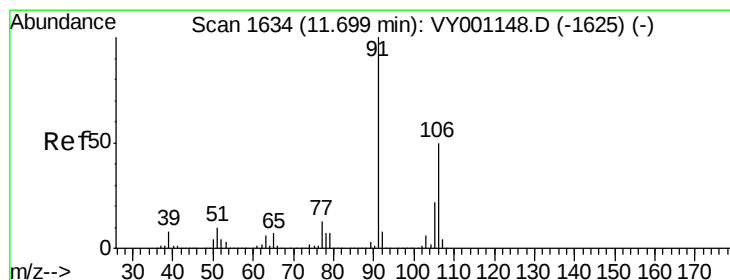
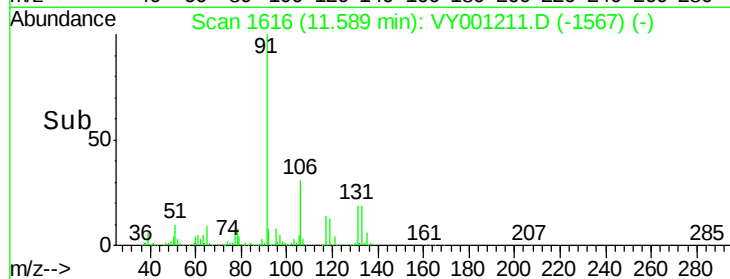
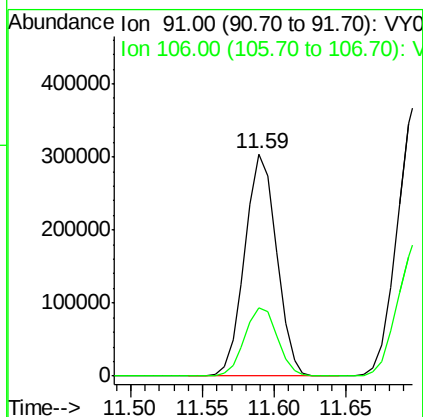
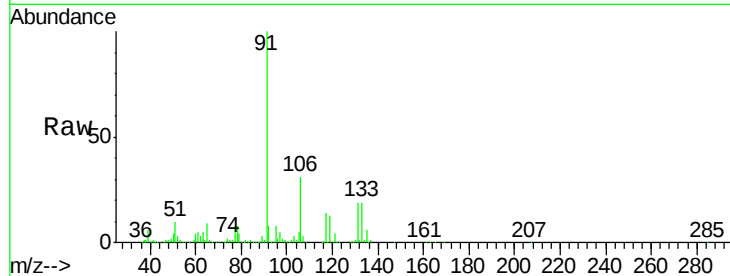




#67
Ethyl Benzene
Concen: 51.266 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

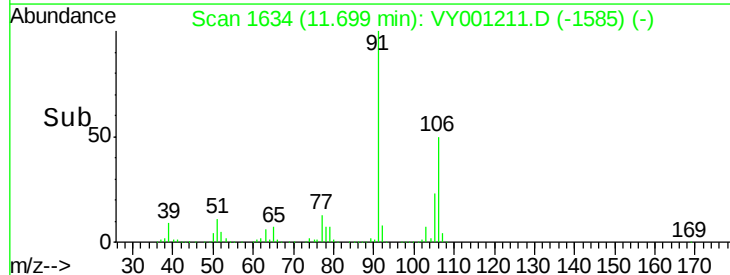
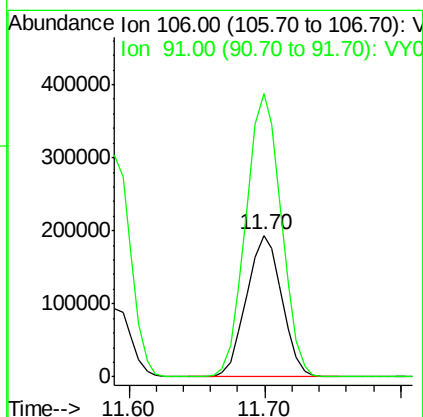
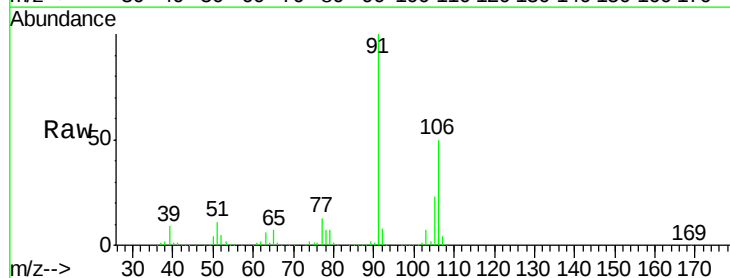
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

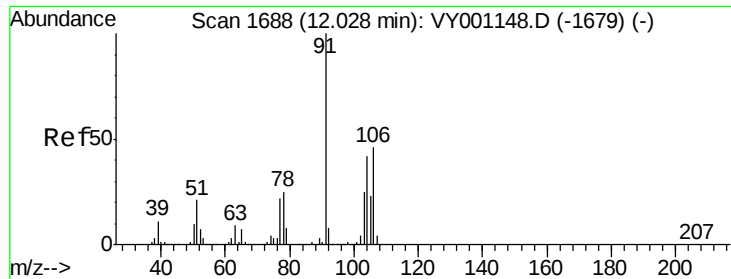
Tgt Ion: 91 Resp: 465823
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 102.983 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 106 Resp: 352990
Ion Ratio Lower Upper
106 100
91 200.4 161.4 242.2

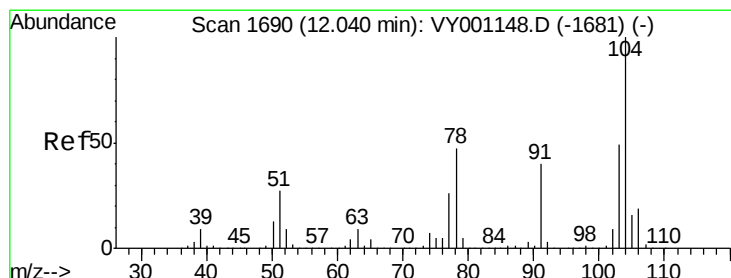
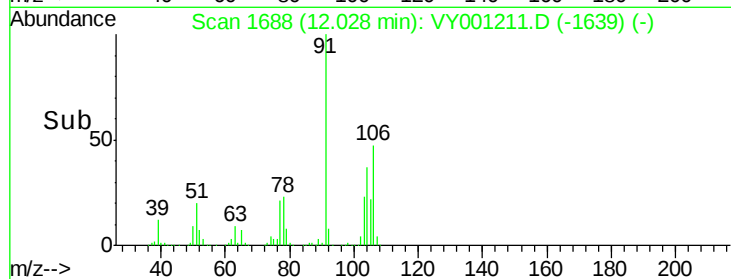
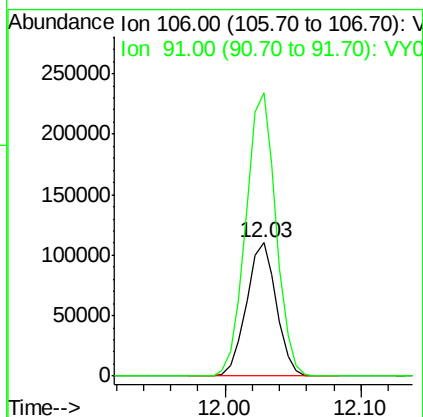
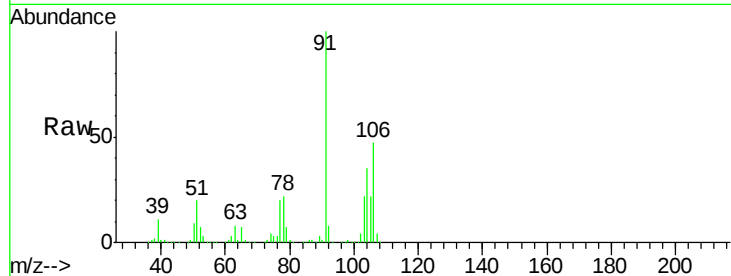




#69
o-Xylene
Concen: 51.805 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

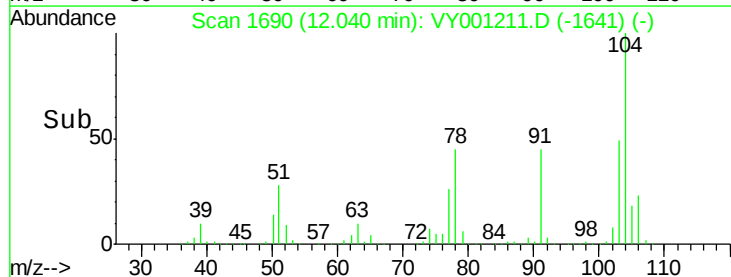
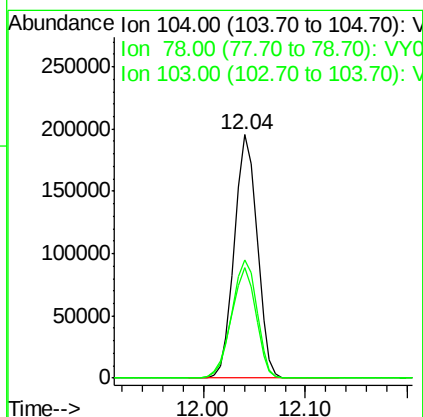
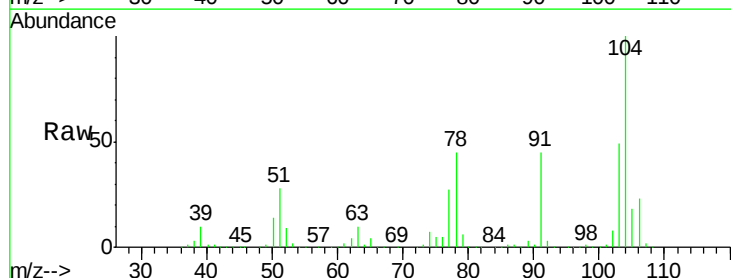
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

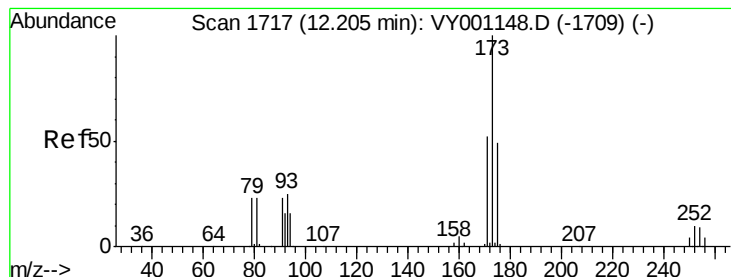
Tgt Ion:106 Resp: 170251
Ion Ratio Lower Upper
106 100
91 213.2 106.3 318.8



#70
Styrene
Concen: 52.310 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion:104 Resp: 301631
Ion Ratio Lower Upper
104 100
78 49.3 40.5 60.7
103 53.5 42.4 63.6





#71

Bromoform

Concen: 55.500 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

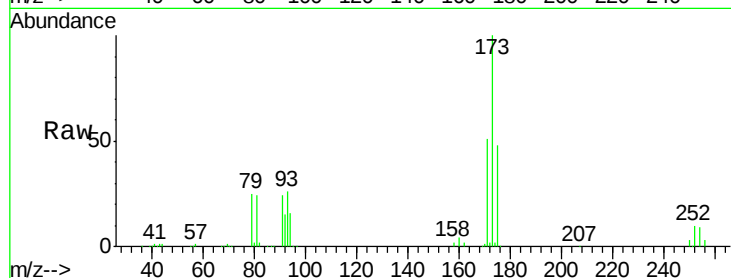
Tgt Ion:173 Resp: 58594

Ion Ratio Lower Upper

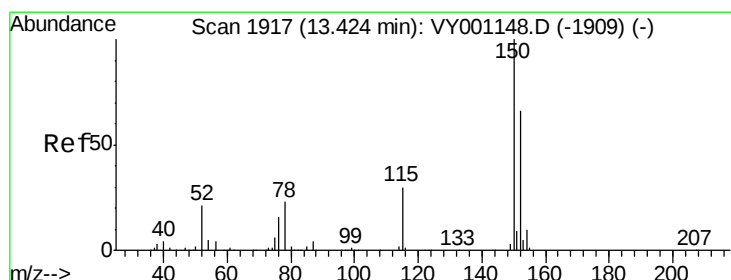
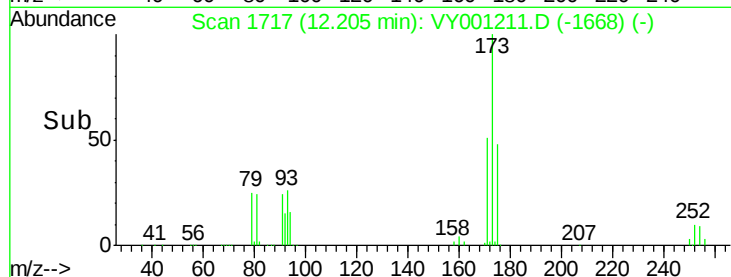
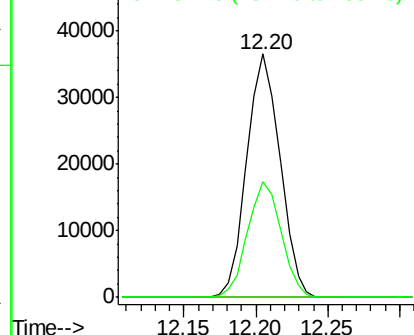
173 100

175 48.1 24.1 72.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

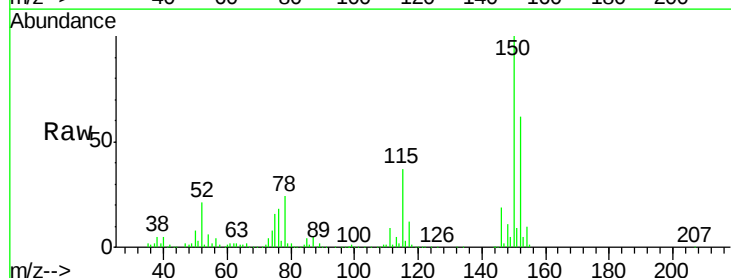
Tgt Ion:152 Resp: 101980

Ion Ratio Lower Upper

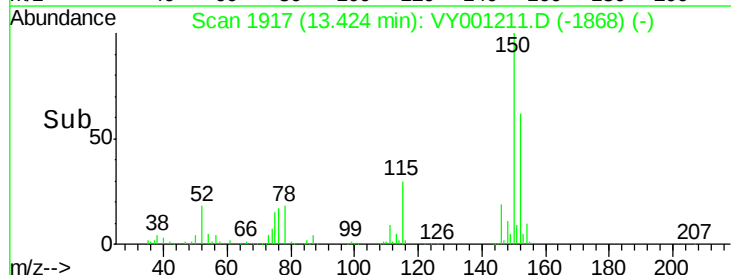
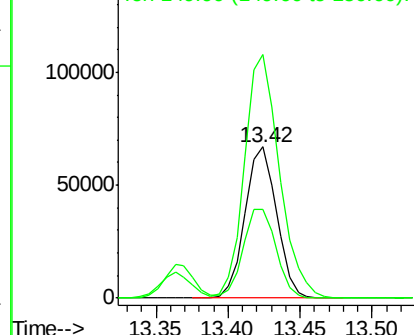
152 100

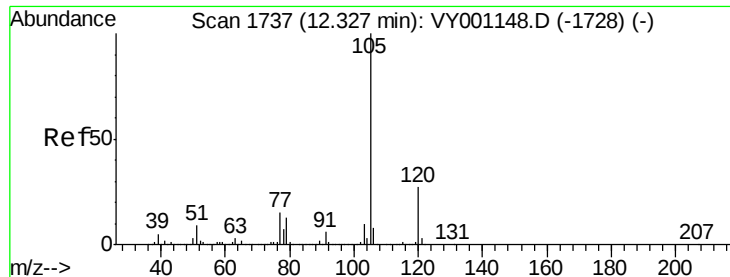
115 61.2 30.9 92.5

150 177.7 0.0 346.8



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





#73

Isopropylbenzene

Concen: 54.628 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

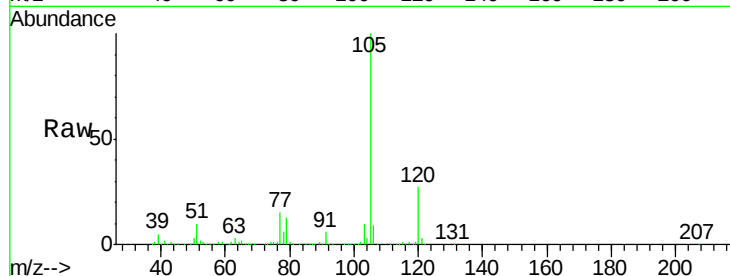
BW-1-3.0MSD

Tgt Ion: 105 Resp: 418810

Ion Ratio Lower Upper

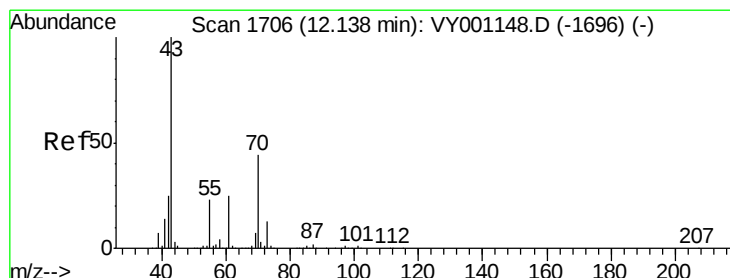
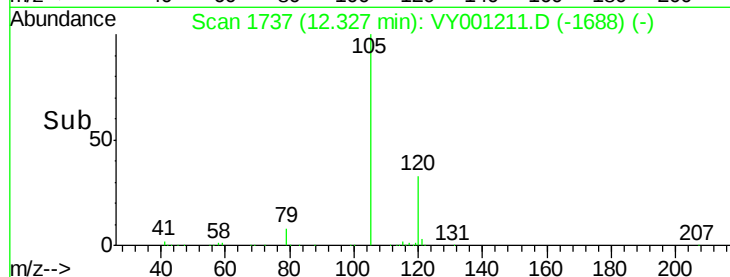
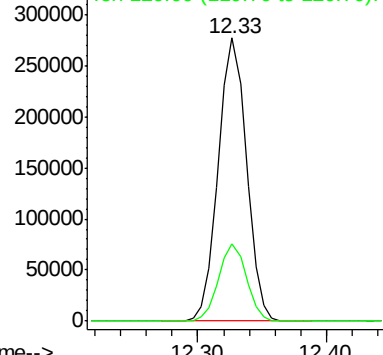
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 66.595 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Tgt Ion: 43 Resp: 159336

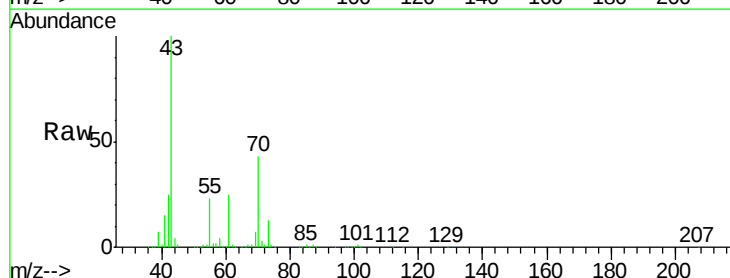
Ion Ratio Lower Upper

43 100

70 43.7 35.0 52.6

55 22.7 18.4 27.6

61 25.4 20.1 30.1

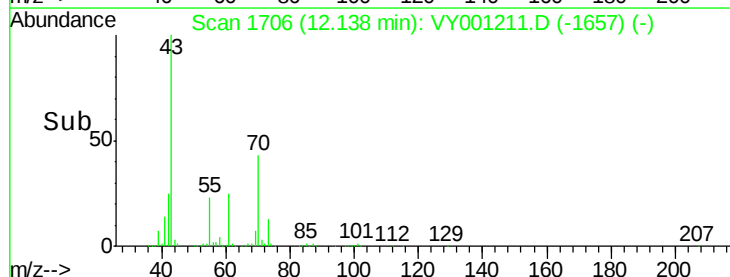
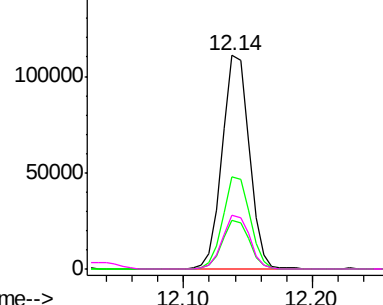


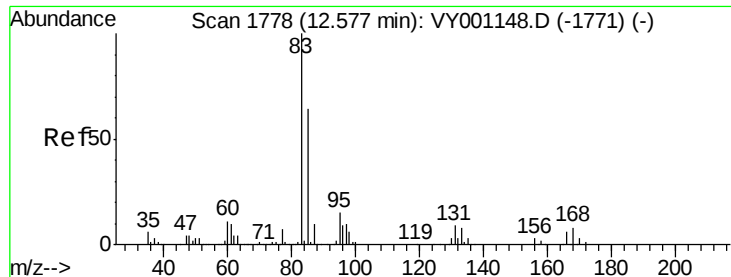
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 65.097 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

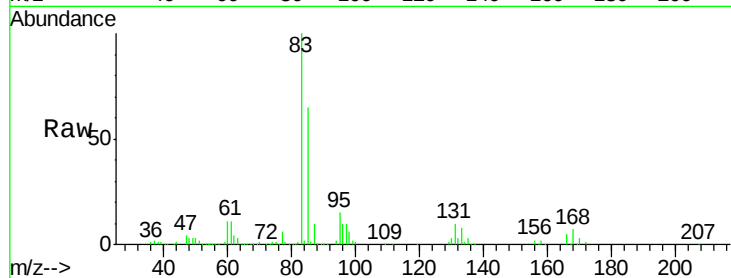
Tgt Ion: 83 Resp: 105001

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

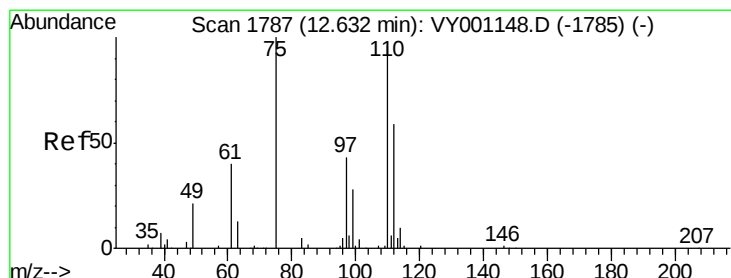
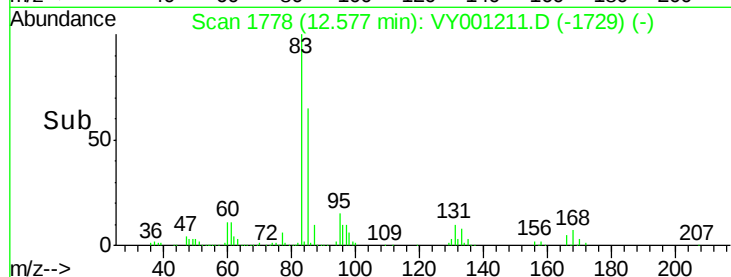
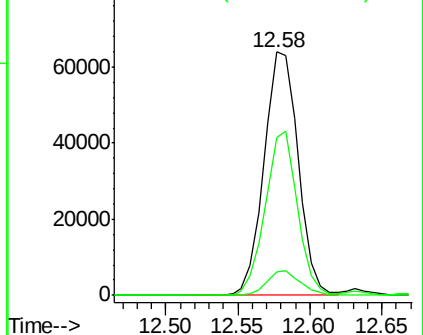
85 63.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VY001211.D (-1729) (-)

Ion 130.80 (130.50 to 131.50): VY001211.D (-1729) (-)

Ion 84.90 (84.60 to 85.60): VY001211.D (-1729) (-)



#76

1,2,3-Trichloropropane

Concen: 125.249 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001211.D

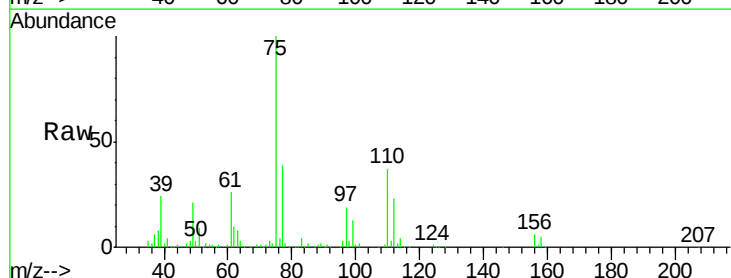
Acq: 15 Jan 2020 12:43

Tgt Ion: 75 Resp: 136735

Ion Ratio Lower Upper

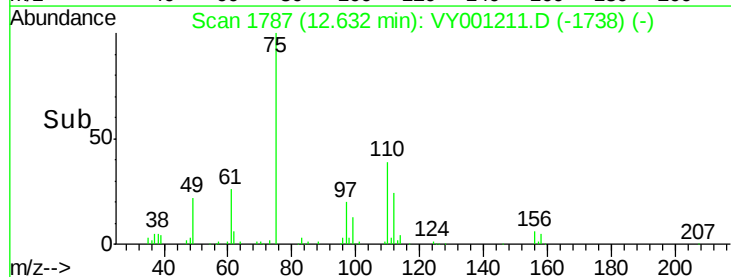
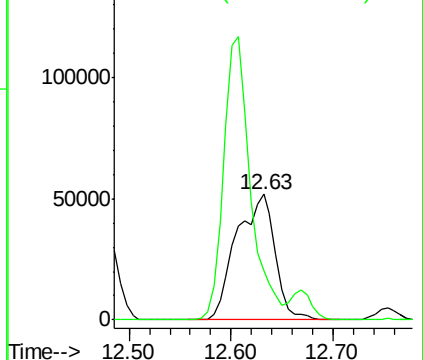
75 100

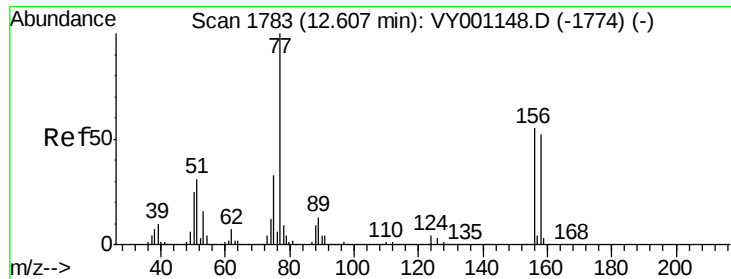
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001211.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY001211.D (-1738) (-)





#77

Bromobenzene

Concen: 58.571 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

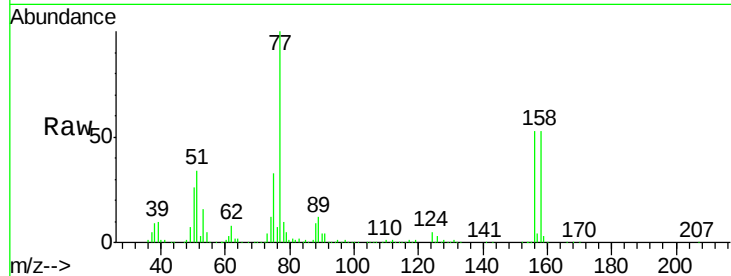
Tgt Ion:156 Resp: 99221

Ion Ratio Lower Upper

156 100

77 215.1 106.7 320.1

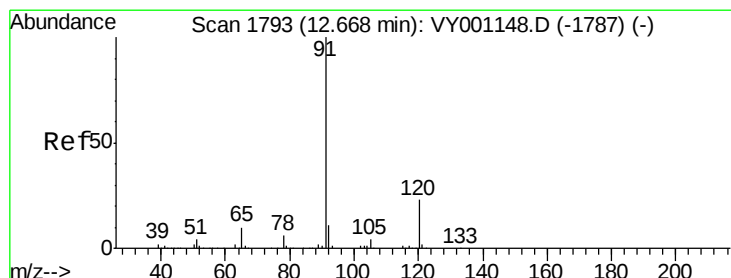
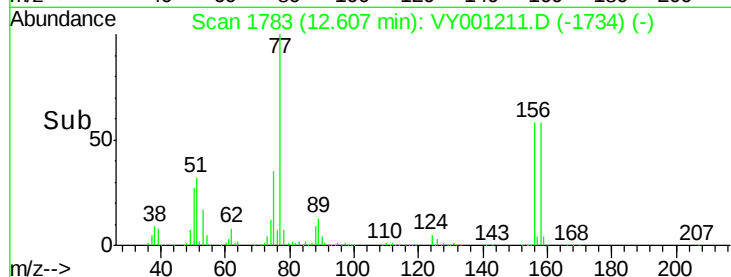
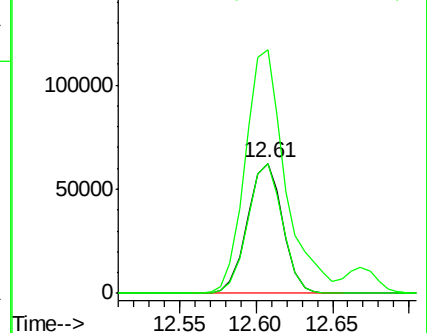
158 98.6 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.806 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001211.D

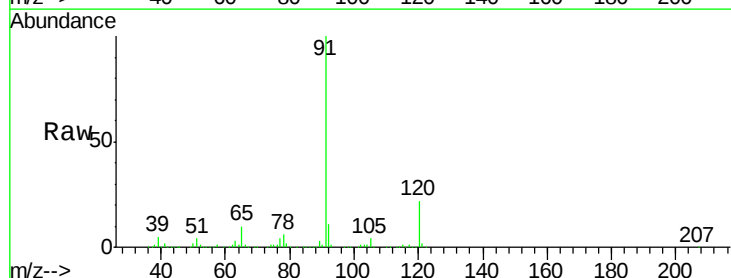
Acq: 15 Jan 2020 12:43

Tgt Ion: 91 Resp: 477744

Ion Ratio Lower Upper

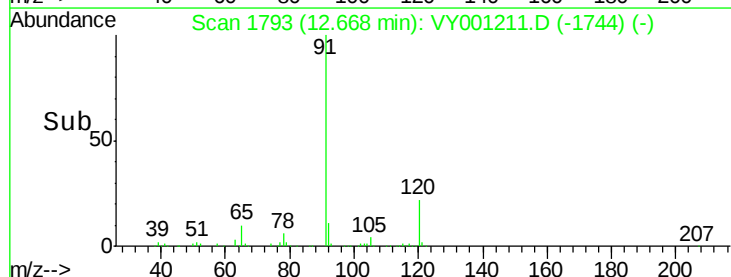
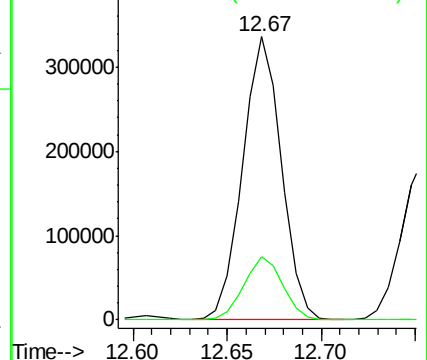
91 100

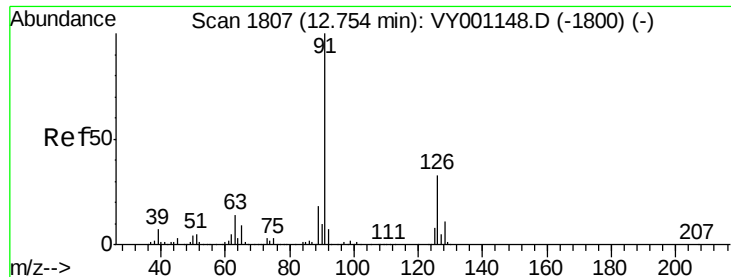
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.318 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

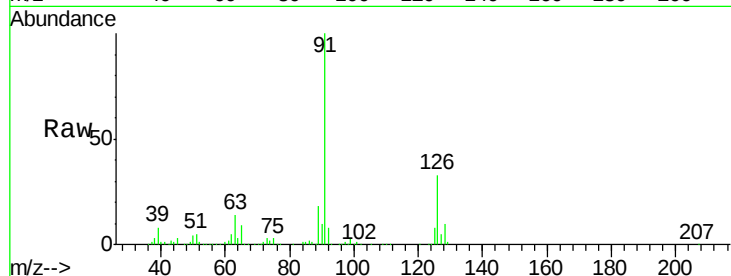
BW-1-3.0MSD

Tgt Ion: 91 Resp: 287670

Ion Ratio Lower Upper

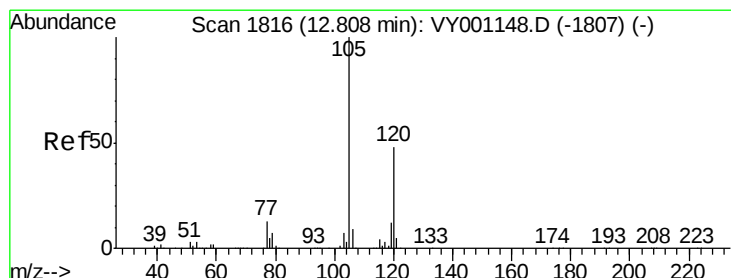
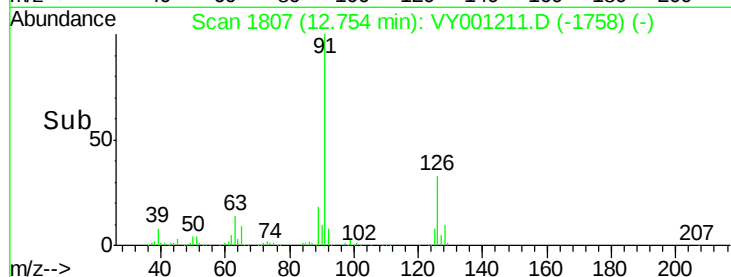
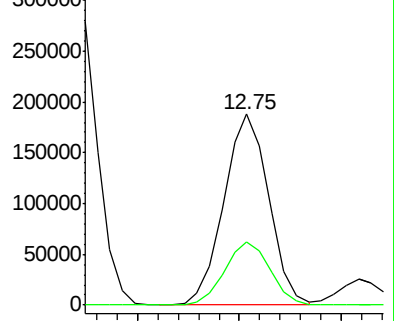
91 100

126 33.5 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.775 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001211.D

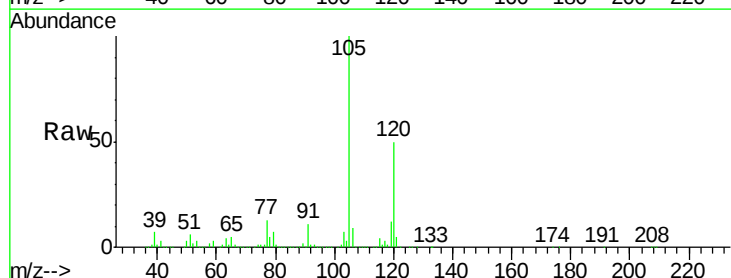
Acq: 15 Jan 2020 12:43

Tgt Ion: 105 Resp: 337593

Ion Ratio Lower Upper

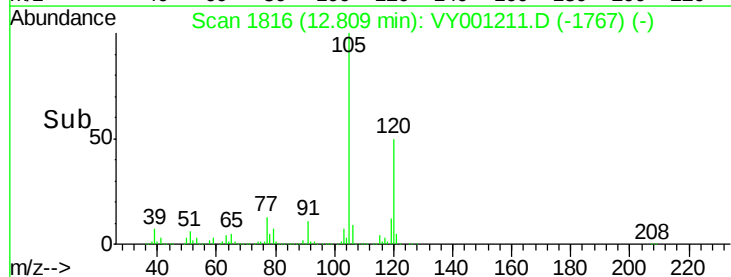
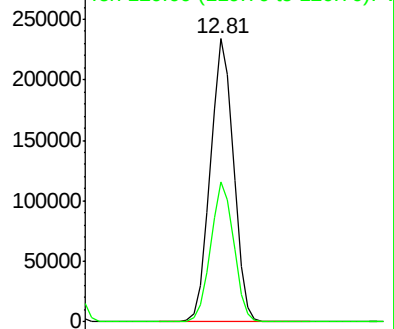
105 100

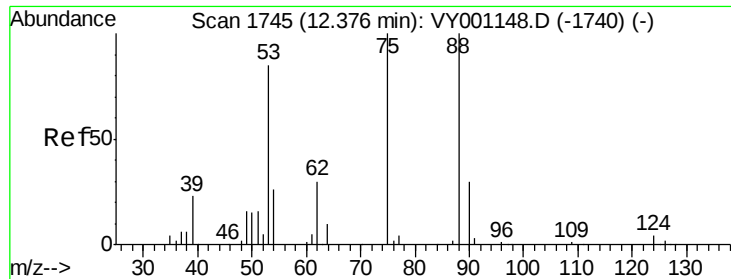
120 49.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.115 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

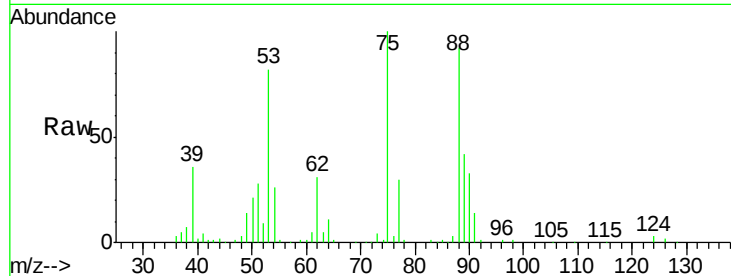
Tgt Ion: 75 Resp: 41276

Ion Ratio Lower Upper

75 100

53 84.4 69.4 104.2

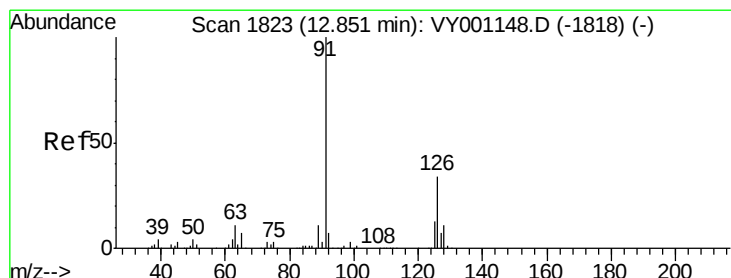
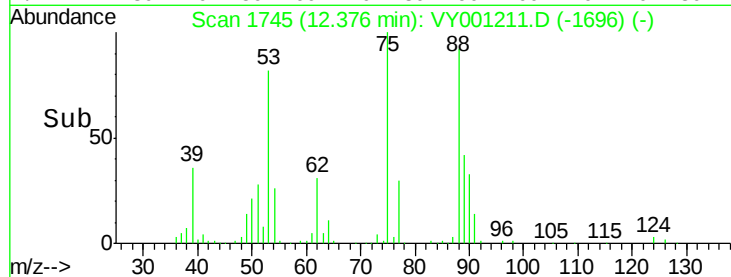
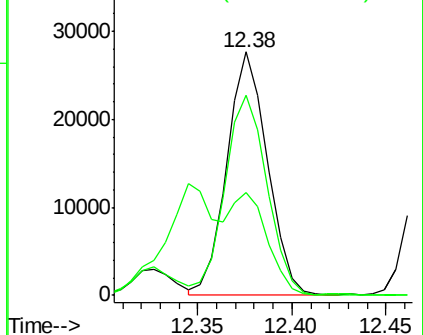
89 37.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 53.376 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001211.D

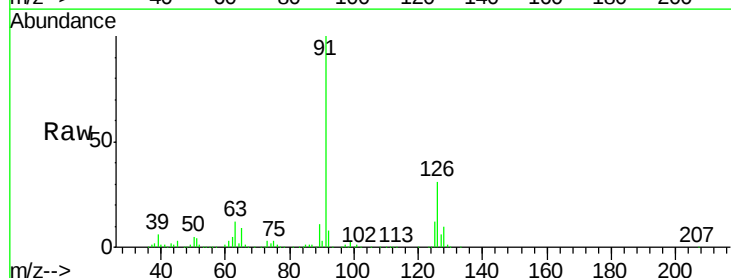
Acq: 15 Jan 2020 12:43

Tgt Ion: 91 Resp: 301782

Ion Ratio Lower Upper

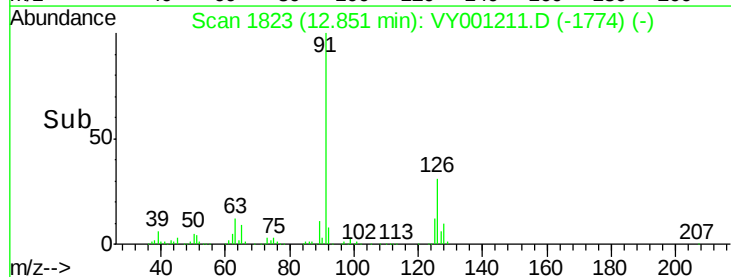
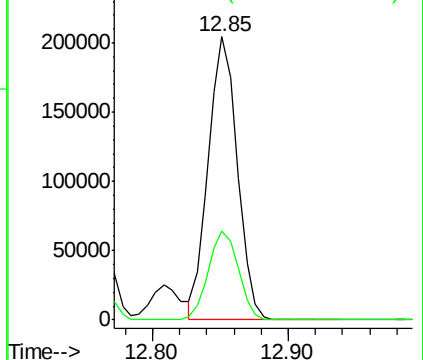
91 100

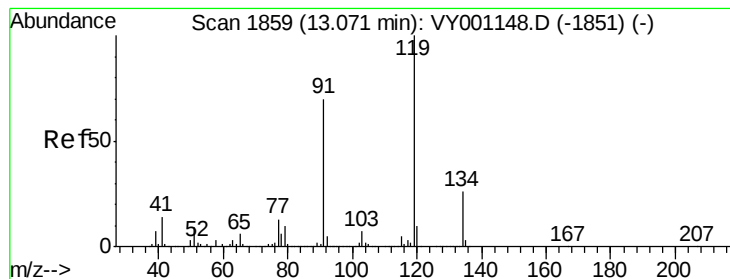
126 32.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.957 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY001211.D

Acq: 15 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MSD

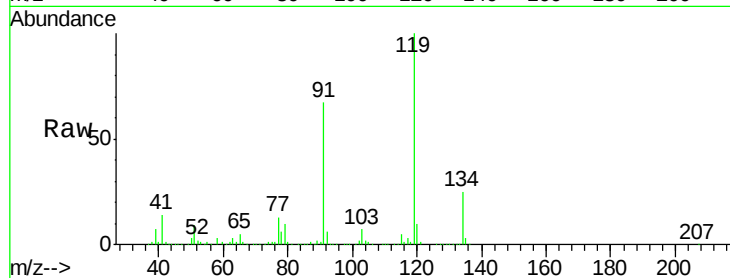
Tgt Ion:119 Resp: 273893

Ion Ratio Lower Upper

119 100

91 67.2 33.9 101.7

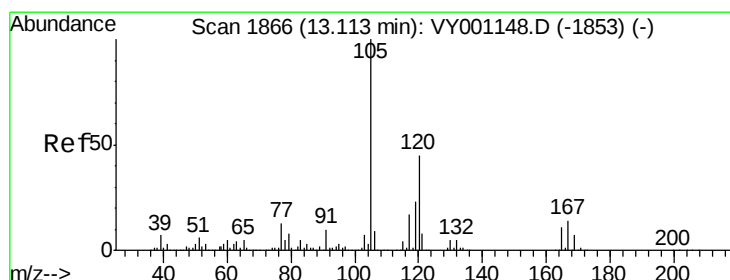
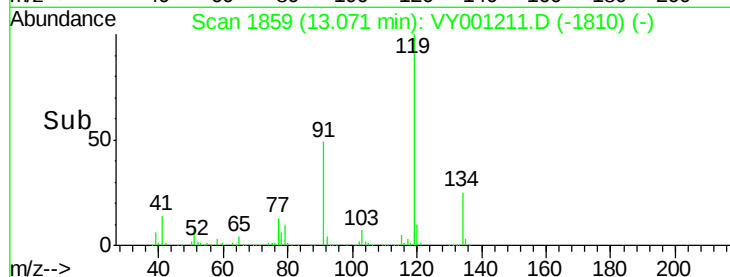
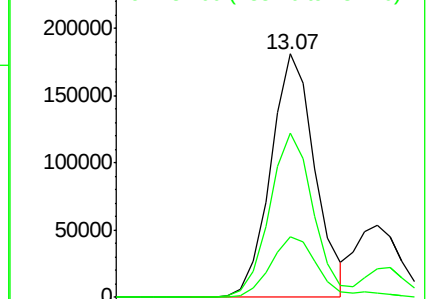
134 27.2 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.430 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.01 min

Lab File: VY001211.D

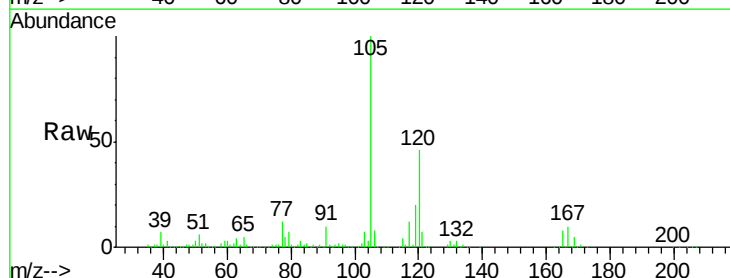
Acq: 15 Jan 2020 12:43

Tgt Ion:105 Resp: 339412

Ion Ratio Lower Upper

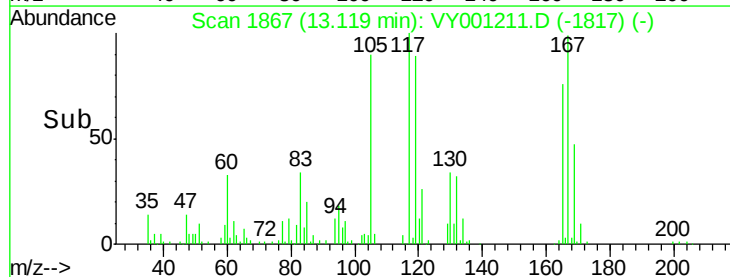
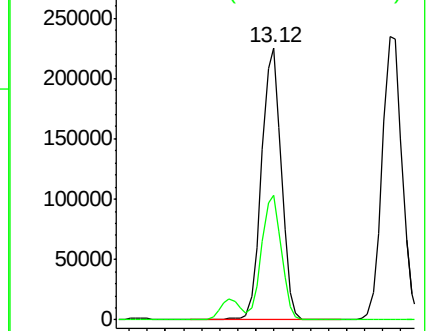
105 100

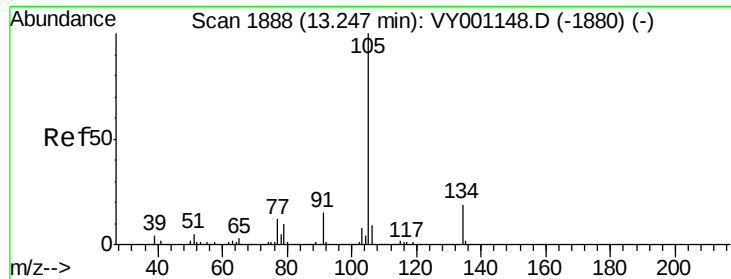
120 45.8 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

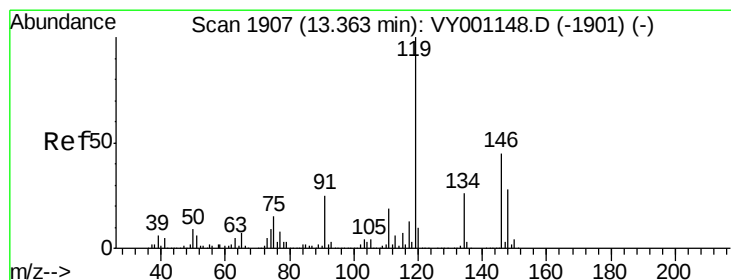
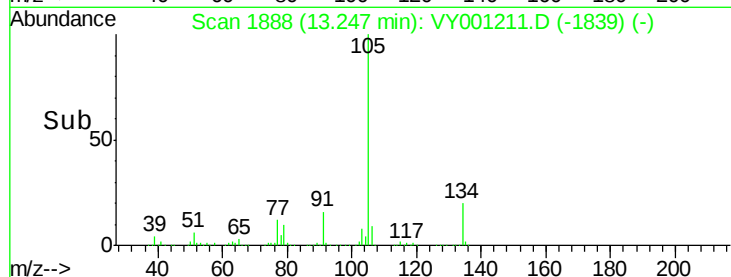
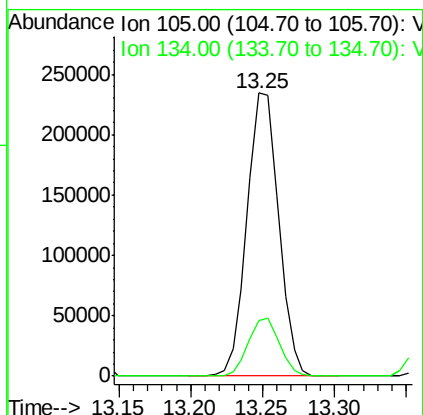
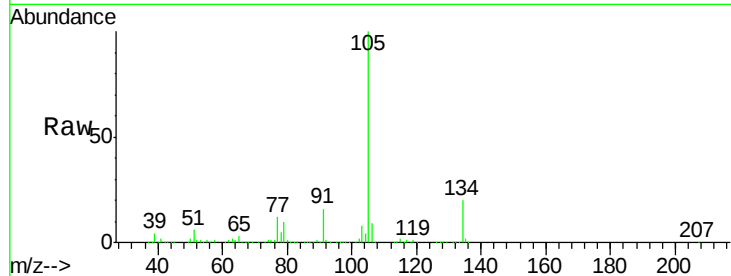




#85
 sec-Butylbenzene
 Concen: 46.090 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

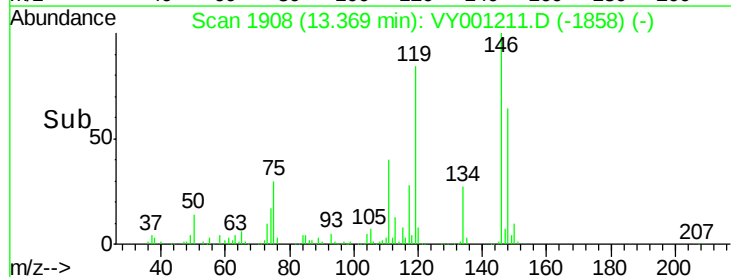
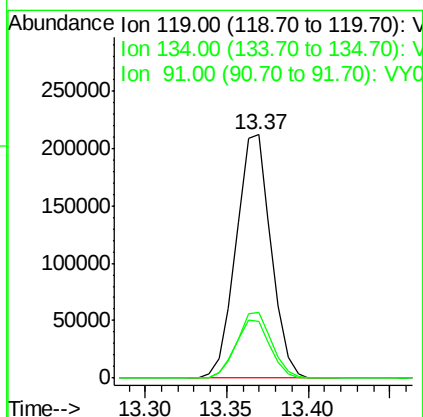
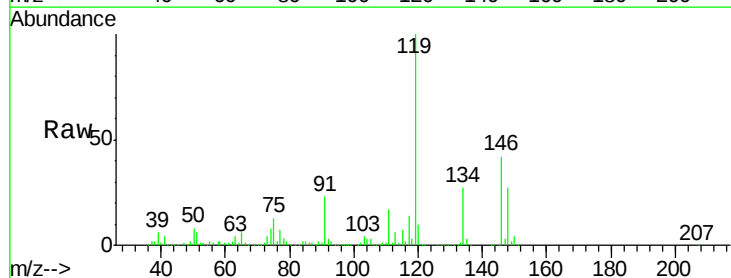
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MSD

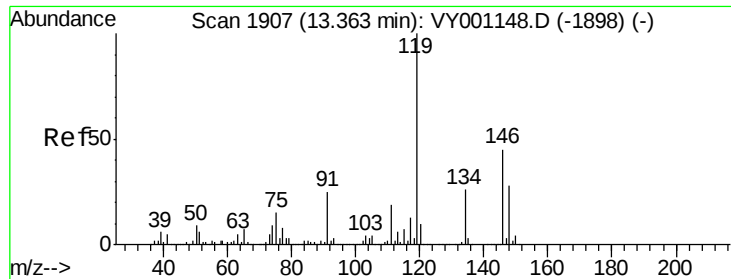
Tgt Ion:105 Resp: 356394
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 46.858 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion:119 Resp: 314591
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 23.9 12.4 37.2

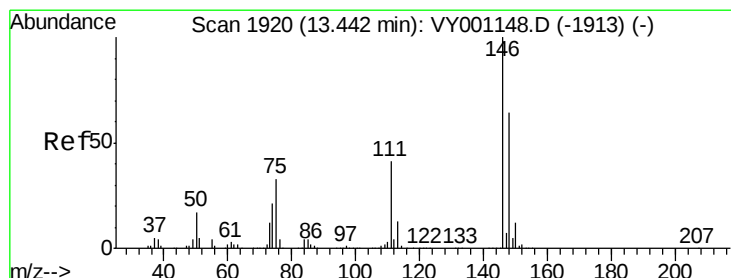
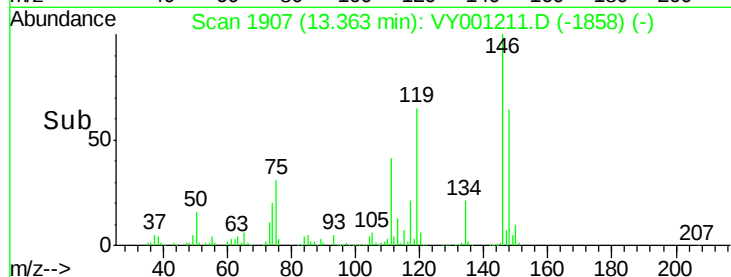
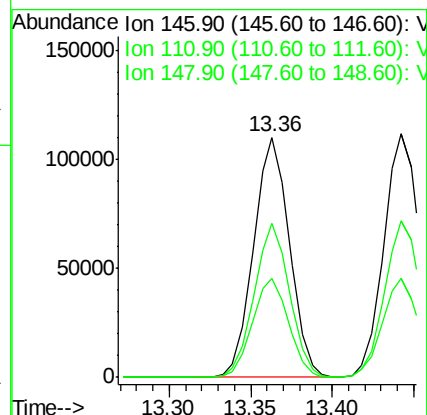
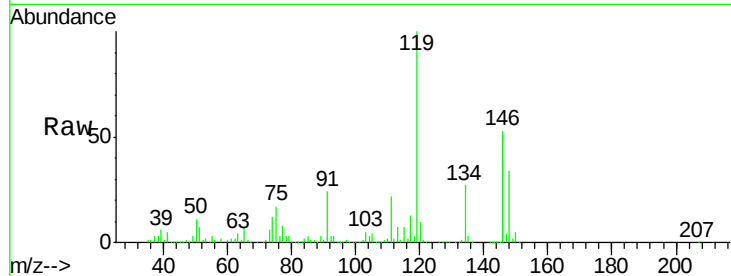




#87
 1,3-Dichlorobenzene
 Concen: 52.515 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

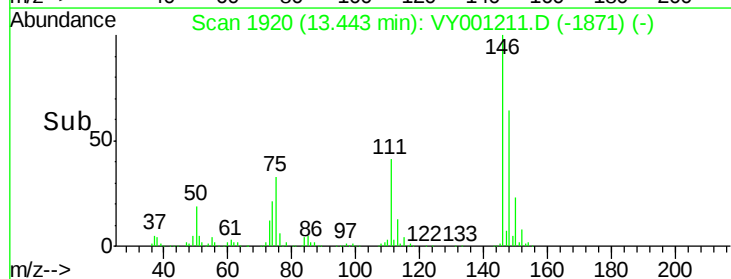
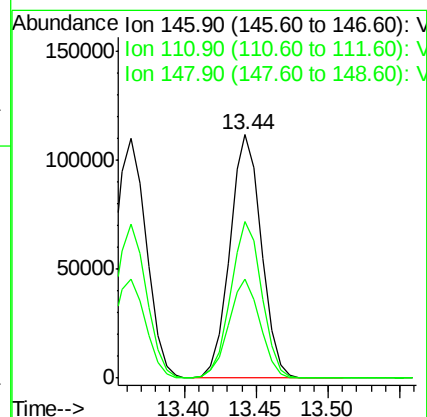
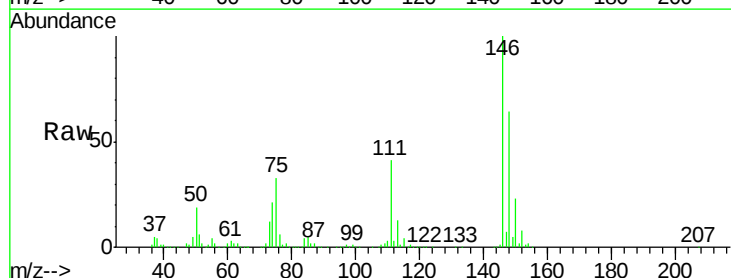
Instrument :
 MSVOA_Y
 ClientSampled :
 BW-1-3.0MSD

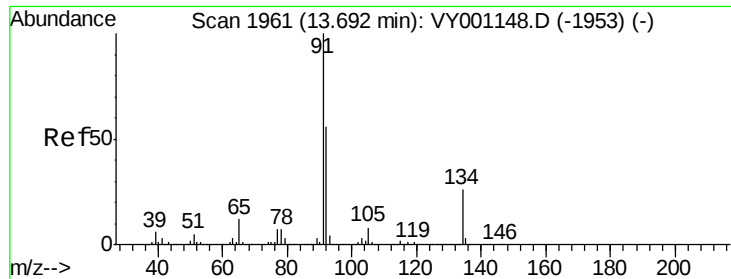
Tgt Ion:146 Resp: 168244
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 64.0
 148 63.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.022 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion:146 Resp: 171532
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.5
 148 63.4 32.0 96.2

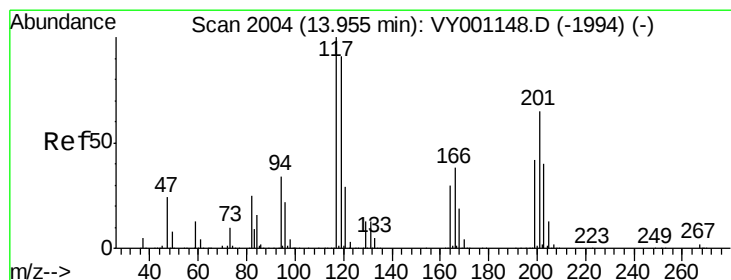
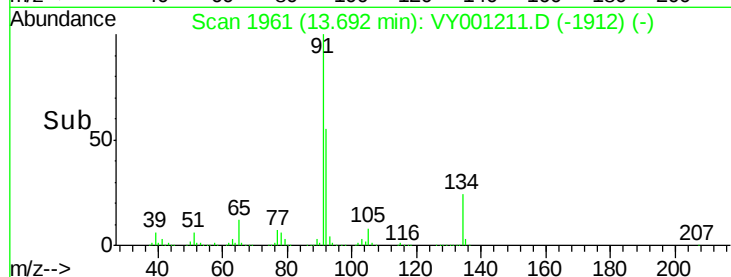
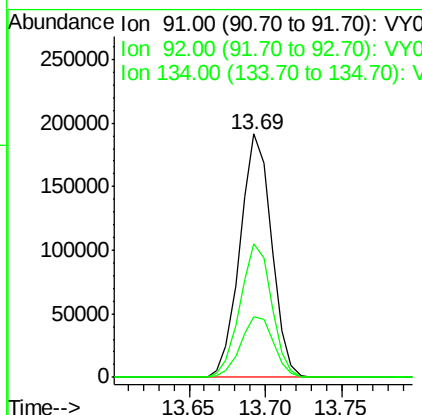
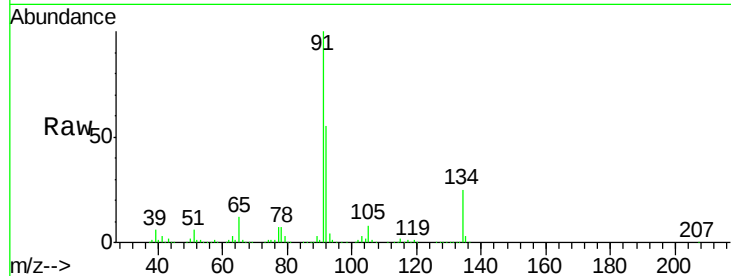




#89
n-Butylbenzene
Concen: 40.524 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

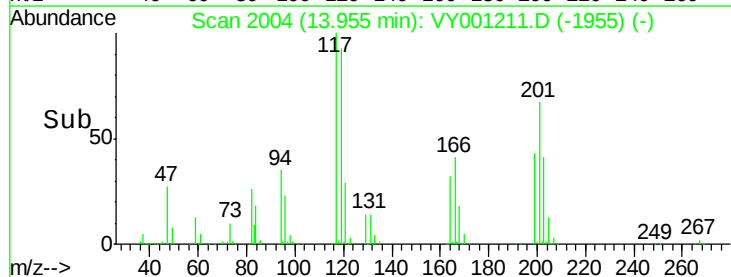
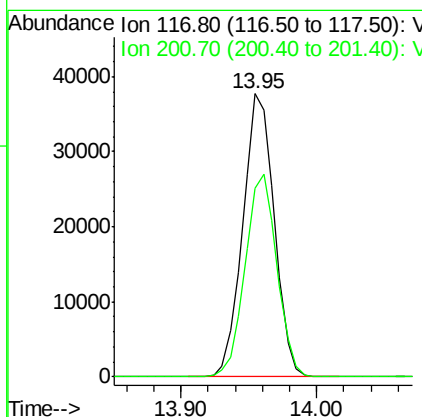
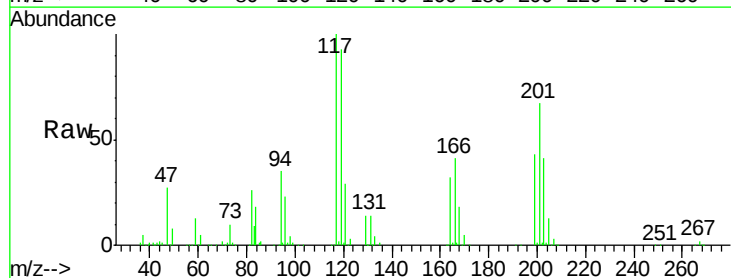
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

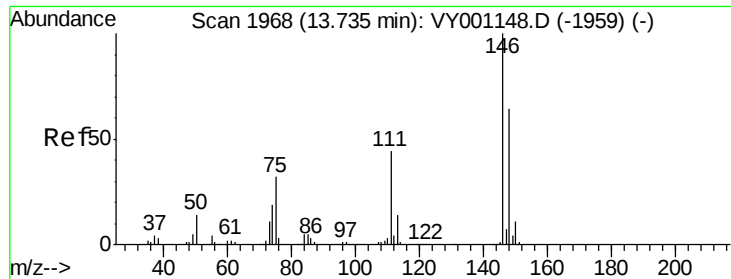
Tgt Ion: 91 Resp: 274019
Ion Ratio Lower Upper
91 100
92 54.9 27.7 83.1
134 25.9 12.9 38.6



#90
Hexachloroethane
Concen: 46.559 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion: 117 Resp: 61078
Ion Ratio Lower Upper
117 100
201 72.4 35.4 106.2

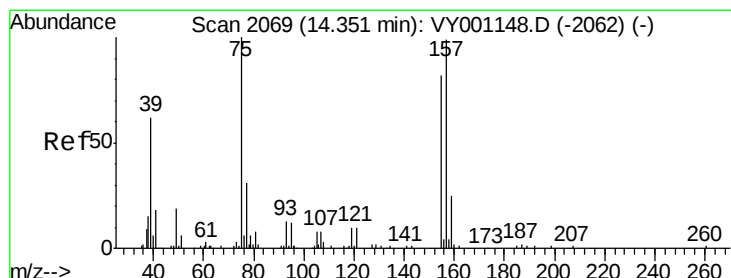
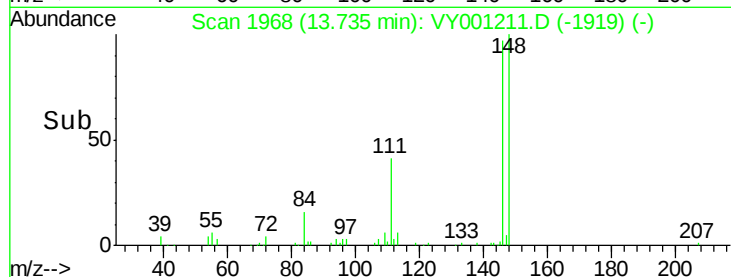
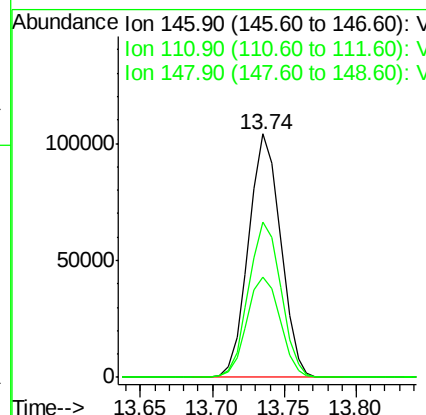
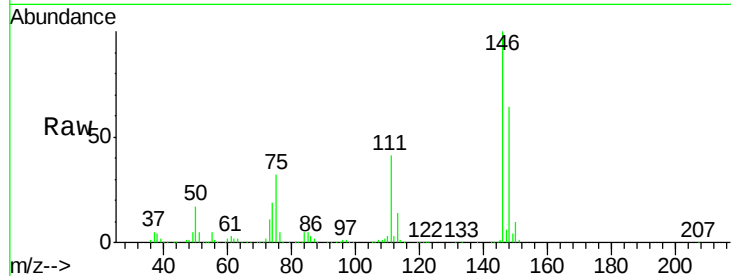




#91
 1,2-Dichlorobenzene
 Concen: 53.867 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

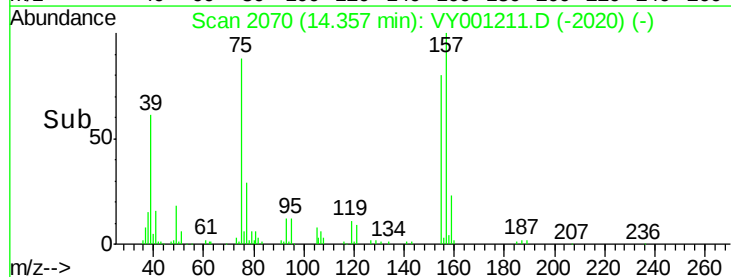
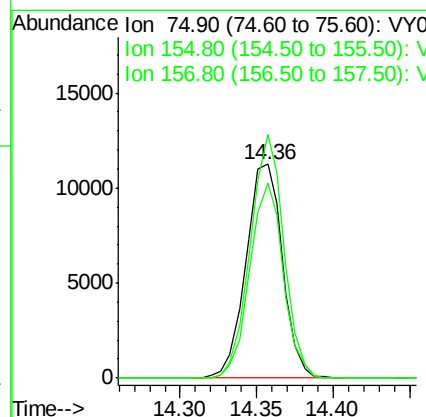
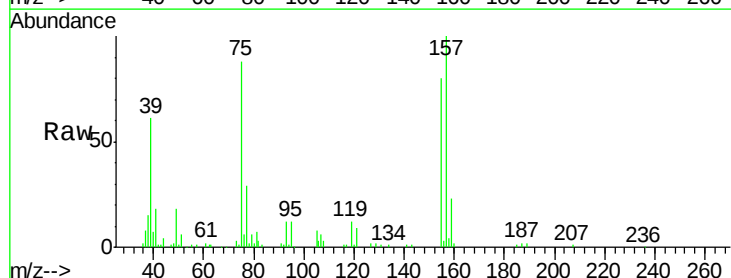
Instrument :
 MSVOA_Y
 ClientSampled :
 BW-1-3.0MSD

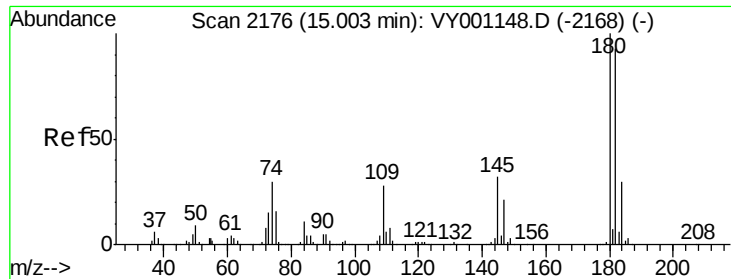
Tgt Ion:146 Resp: 160388
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.0 66.0
 148 64.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.974 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion: 75 Resp: 18614
 Ion Ratio Lower Upper
 75 100
 155 83.7 41.2 123.6
 157 104.6 52.8 158.4

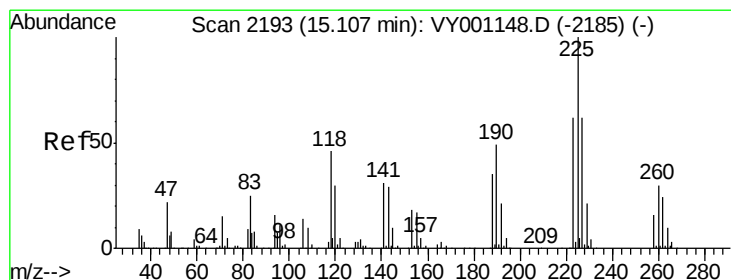
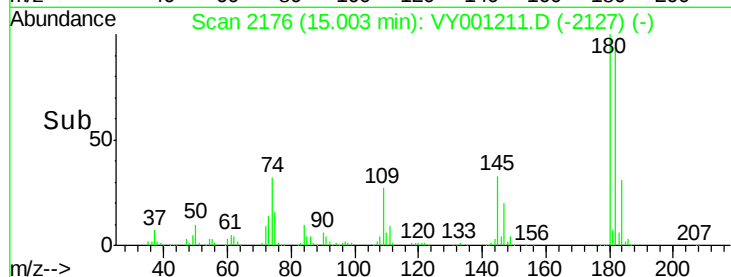
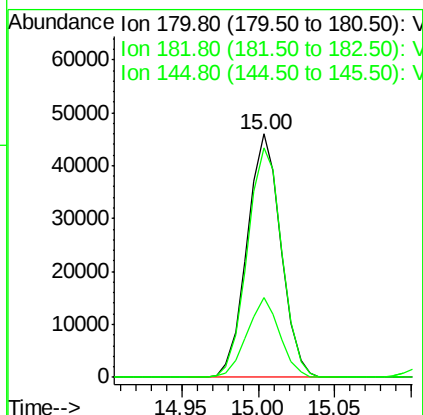
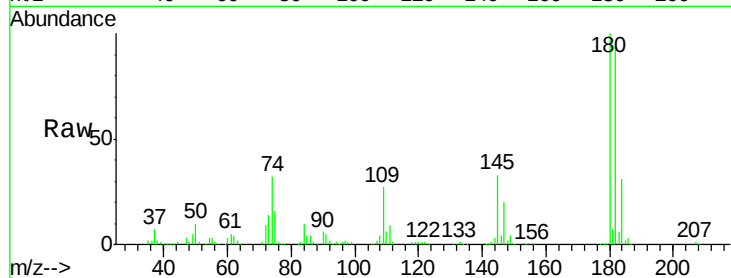




#93
 1,2,4-Trichlorobenzene
 Concen: 36.065 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

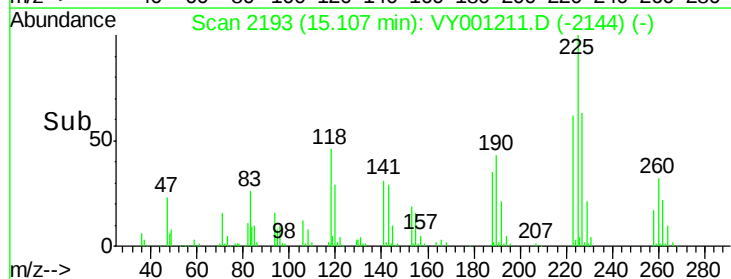
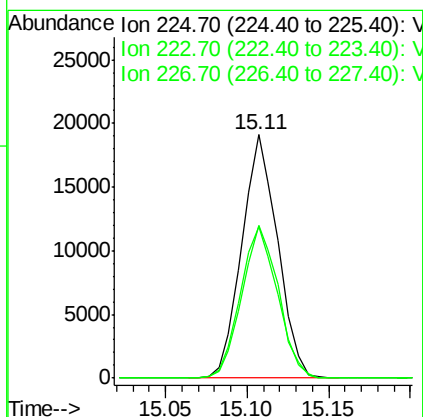
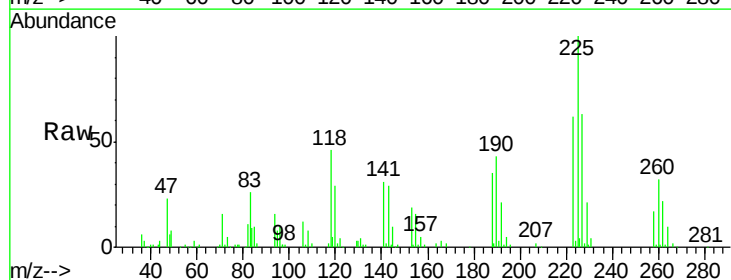
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MSD

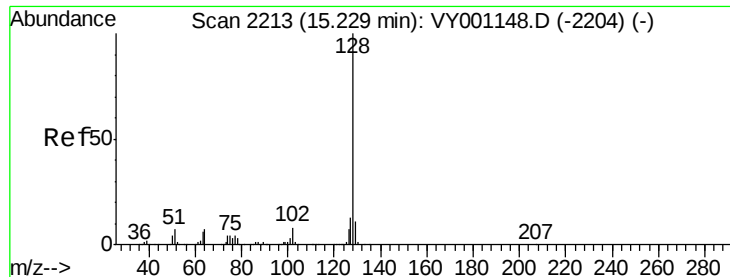
Tgt Ion:180 Resp: 70752
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.9 140.8
 145 31.7 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 29.515 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001211.D
 Acq: 15 Jan 2020 12:43

Tgt Ion:225 Resp: 29170
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.1 93.3
 227 63.9 31.3 93.9

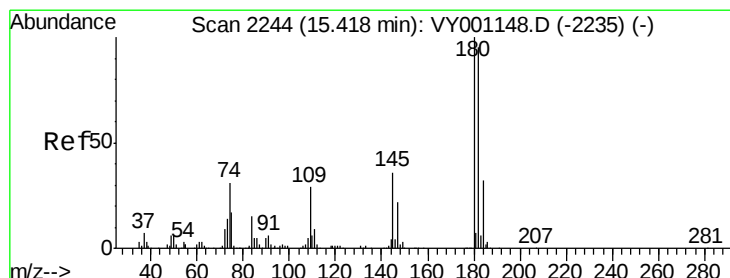
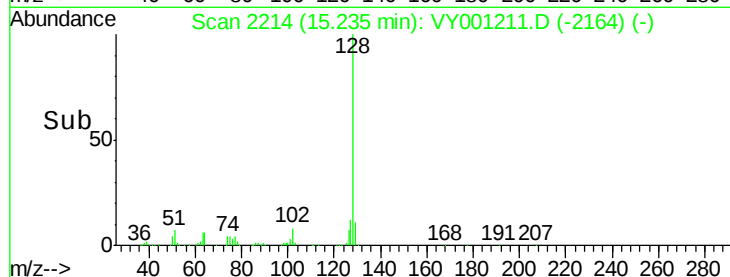
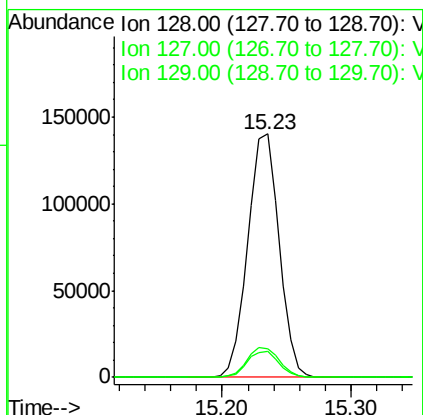
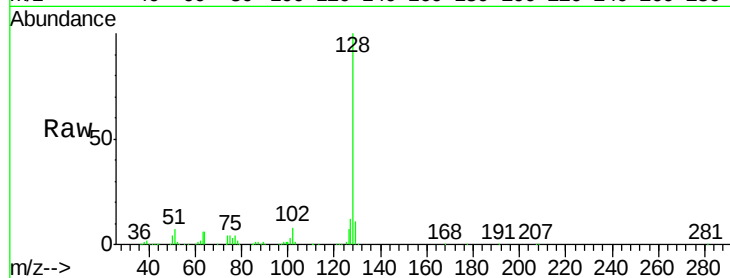




#95
Naphthalene
Concen: 51.420 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MSD

Tgt Ion:128 Resp: 234842
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 36.988 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001211.D
Acq: 15 Jan 2020 12:43

Tgt Ion:180 Resp: 63950
Ion Ratio Lower Upper
180 100
182 93.7 47.5 142.5
145 33.7 17.1 51.3

