

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001210.D
 Acq On : 15 Jan 2020 12:21
 Operator : SY/MD
 Sample : L1126-04MS
 Misc : 6.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MS

Quant Time: Jan 16 05:13:15 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	173521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	308387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	256172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	90746	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	7.72	113	84744	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
50) Toluene-d8	10.18	98	337231	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.48	95	113513	39.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	63709	47.807	ug/l	98
3) Chloromethane	2.12	50	94150	49.014	ug/l	98
4) Vinyl Chloride	2.26	62	99301	51.314	ug/l	98
5) Bromomethane	2.65	94	67200	64.648	ug/l	97
6) Chloroethane	2.80	64	62993	56.345	ug/l	95
7) Trichlorofluoromethane	3.13	101	123367	45.799	ug/l	98
8) Diethyl Ether	3.54	74	53457	51.073	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	77011	44.416	ug/l	99
10) Methyl Iodide	4.10	142	114747	48.350	ug/l	99
11) Tert butyl alcohol	4.96	59	46404	251.658	ug/l	99
12) 1,1-Dichloroethene	3.88	96	83283	46.949	ug/l	97
13) Acrolein	3.74	56	42692	257.181	ug/l	99
14) Allyl chloride	4.49	41	136144	45.474	ug/l	99
15) Acrylonitrile	5.18	53	133743	255.495	ug/l	99
16) Acetone	3.96	43	132922	312.298	ug/l	95
17) Carbon Disulfide	4.20	76	262988	45.807	ug/l	99
18) Methyl Acetate	4.48	43	68026	48.341	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	242978	49.519	ug/l	99
20) Methylene Chloride	4.72	84	102855	52.086	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	96975	48.213	ug/l	97
22) Diisopropyl ether	6.13	45	305090	49.892	ug/l	99
23) Vinyl Acetate	6.07	43	940536	240.498	ug/l	100
24) 1,1-Dichloroethane	6.03	63	166632	49.775	ug/l	99
25) 2-Butanone	7.00	43	189248	285.690	ug/l	99
26) 2,2-Dichloropropane	6.99	77	145117	47.140	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	108620	49.284	ug/l	100
28) Bromochloromethane	7.35	49	75587	54.985	ug/l	100
29) Tetrahydrofuran	7.36	42	115459	254.337	ug/l	98
30) Chloroform	7.52	83	161890	49.354	ug/l	99
31) Cyclohexane	7.79	56	144865	40.870	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	134730	46.292	ug/l	99
36) 1,1-Dichloropropene	7.93	75	124954	44.456	ug/l	99
37) Ethyl Acetate	7.08	43	76445	46.343	ug/l	99
38) Carbon Tetrachloride	7.91	117	113714	44.145	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	137445	36.069	ug/l	99
40) Benzene	8.16	78	392161	47.796	ug/l	99
41) Methacrylonitrile	7.33	41	46719m	60.293	ug/l	
42) 1,2-Dichloroethane	8.25	62	108976	47.434	ug/l	99
43) Isopropyl Acetate	8.28	43	154653	49.029	ug/l	98
44) Trichloroethene	8.94	130	98942	46.279	ug/l	99
45) 1,2-Dichloropropane	9.22	63	99823	49.213	ug/l	97
46) Dibromomethane	9.31	93	53434	48.281	ug/l	99
47) Bromodichloromethane	9.50	83	126713	46.980	ug/l	98
48) Methyl methacrylate	9.30	41	69708	47.756	ug/l	98
49) 1,4-Dioxane	9.30	88	14409	1069.082	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	389069	243.089	ug/l	99
52) Toluene	10.24	92	238911	45.654	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	138914	46.026	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	160787	47.251	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	77340	47.138	ug/l	98
56) Ethyl methacrylate	10.51	69	118433	47.189	ug/l	97
57) 1,3-Dichloropropane	10.79	76	135643	48.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	197874	224.167	ug/l	100
59) 2-Hexanone	10.83	43	287488	256.297	ug/l	99
60) Dibromochloromethane	10.99	129	88044	46.607	ug/l	100
61) 1,2-Dibromoethane	11.09	107	73519	45.890	ug/l	99
64) Tetrachloroethene	10.72	164	75737	45.864	ug/l	98
65) Chlorobenzene	11.52	112	239235	46.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	87622	49.667	ug/l	99
67) Ethyl Benzene	11.59	91	430126	45.935	ug/l	100
68) m/p-Xylenes	11.70	106	327216	92.636	ug/l	99
69) o-Xylene	12.03	106	158128	46.691	ug/l	98
70) Styrene	12.04	104	271786	45.738	ug/l	99
71) Bromoform	12.20	173	52049	47.840	ug/l	99
73) Isopropylbenzene	12.33	105	393623	51.769	ug/l	100
74) N-amyl acetate	12.14	43	142927	60.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	93361	58.361	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	63425m	58.580	ug/l	
77) Bromobenzene	12.61	156	90107	53.632	ug/l	98
78) n-propylbenzene	12.67	91	443056	48.444	ug/l	100
79) 2-Chlorotoluene	12.75	91	264344	50.328	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	313390	49.399	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36269	56.806	ug/l #	99
82) 4-Chlorotoluene	12.85	91	271836	48.478	ug/l	98
83) tert-Butylbenzene	13.07	119	256973	48.206	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	312202	49.555	ug/l	99
85) sec-Butylbenzene	13.25	105	341055	44.473	ug/l	100
86) p-Isopropyltoluene	13.37	119	299025	44.909	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	150948	47.507	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	151324	46.275	ug/l	99
89) n-Butylbenzene	13.69	91	265432	39.580	ug/l	99
90) Hexachloroethane	13.96	117	57549	44.234	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	140277	47.504	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15167	52.560	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

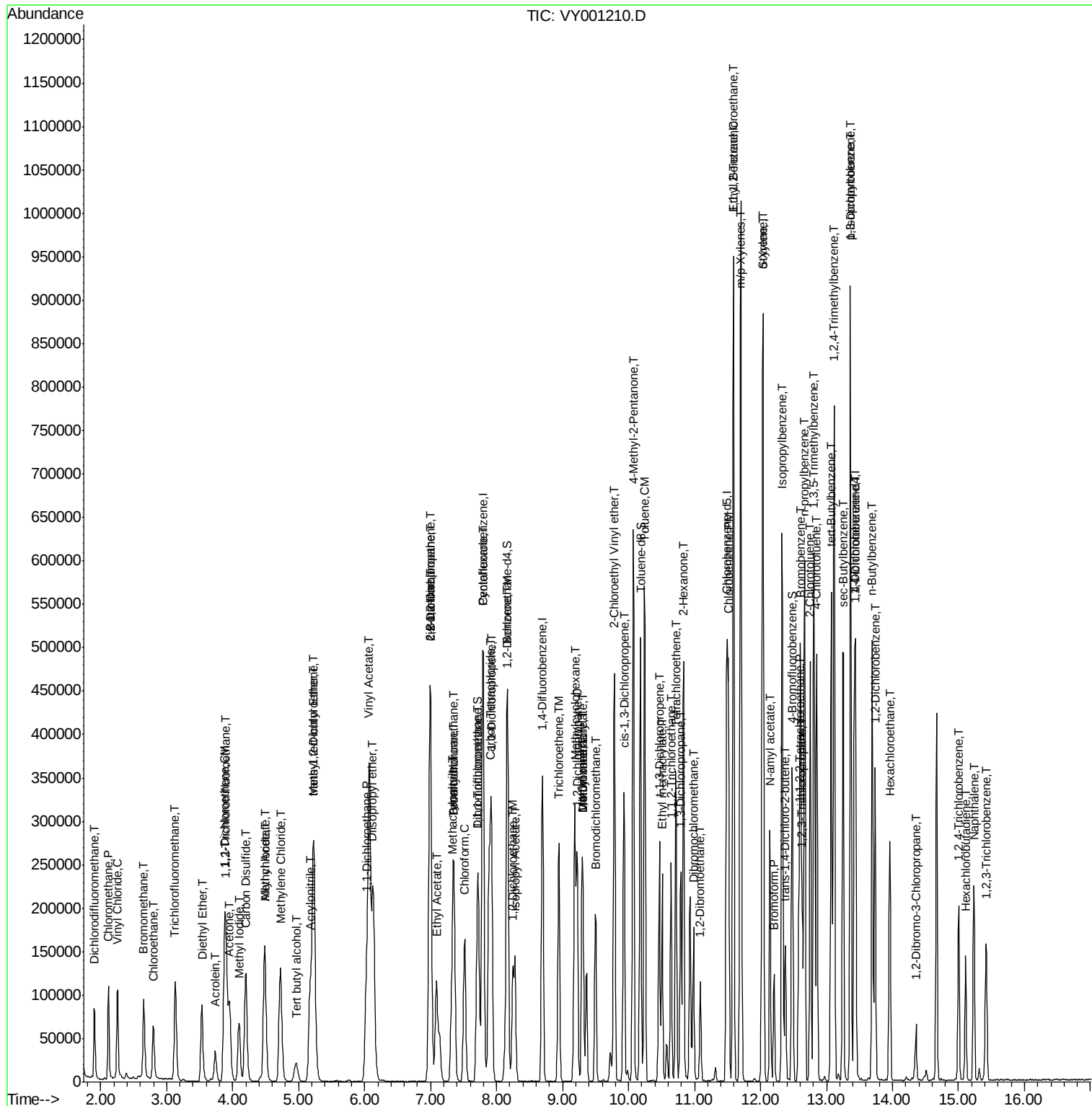
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	60012	30.845	ug/l	99
94) Hexachlorobutadiene	15.11	225	25507	26.023	ug/l	99
95) Naphthalene	15.23	128	182727	40.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	51097	29.799	ug/l	98

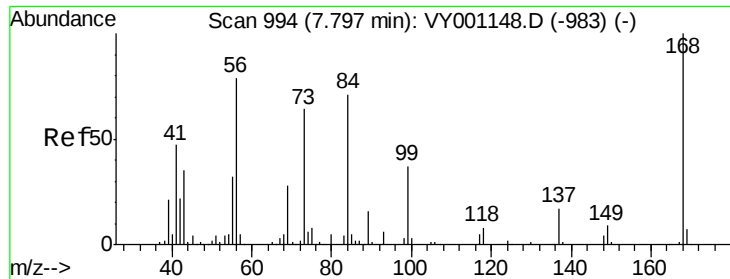
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

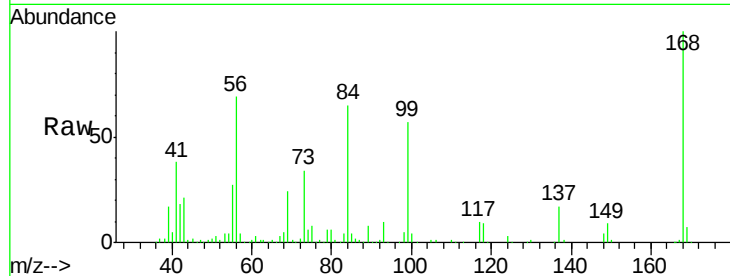
BW-1-3.0MS

Tot Ion:168 Resp: 173521

Ion Ratio Lower Upper

168 100

99 56.9 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

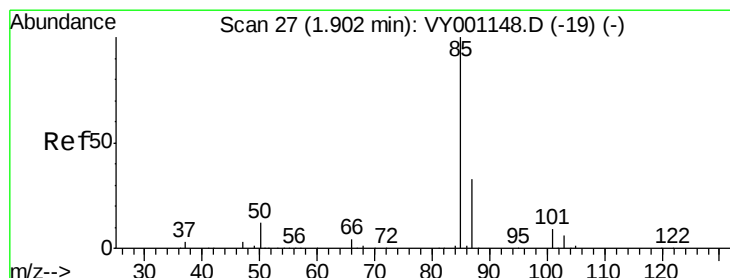
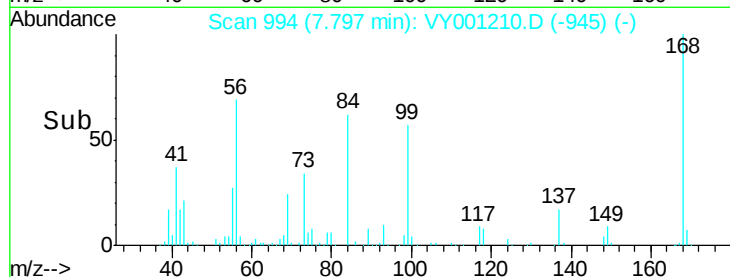
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.807 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001210.D

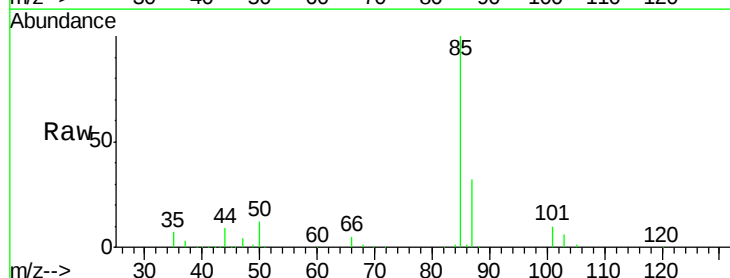
Acq: 15 Jan 2020 12:21

Tgt Ion: 85 Resp: 63709

Ion Ratio Lower Upper

85 100

87 31.5 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

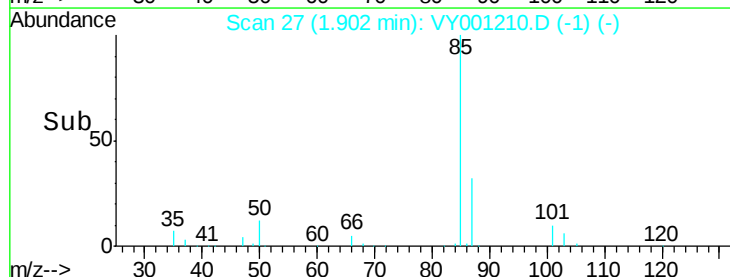
20000

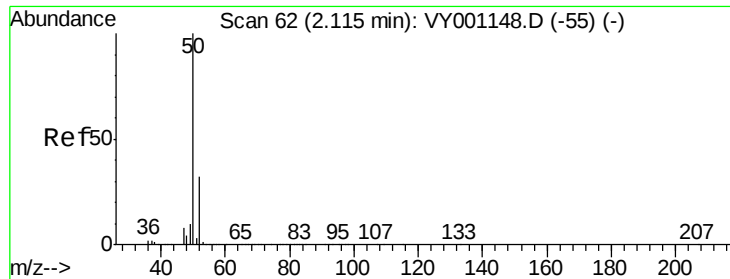
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 49.014 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

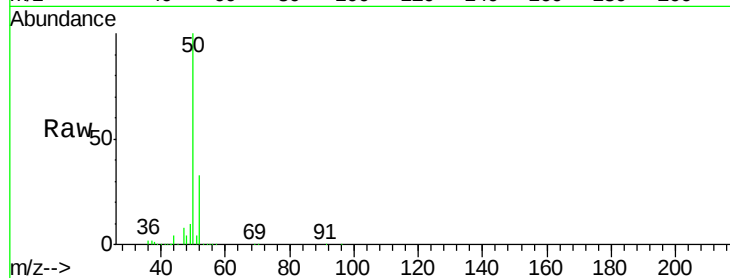
BW-1-3.0MS

Tot Ion: 50 Resp: 94150

Ion Ratio Lower Upper

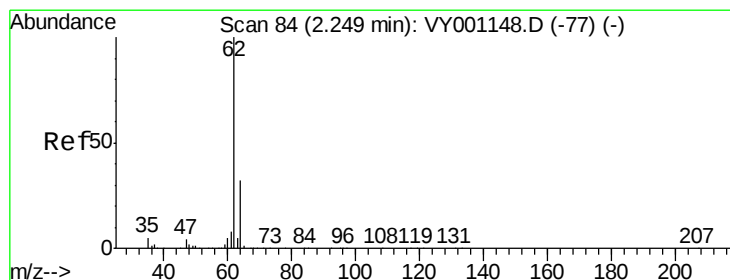
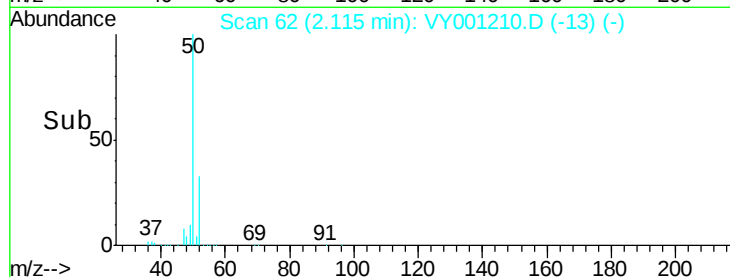
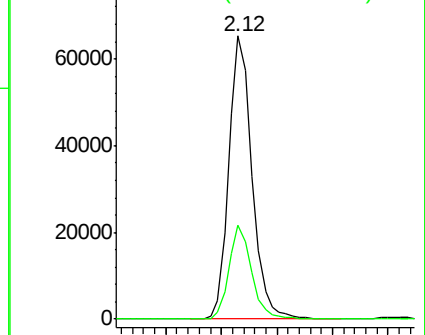
50 100

52 33.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.314 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001210.D

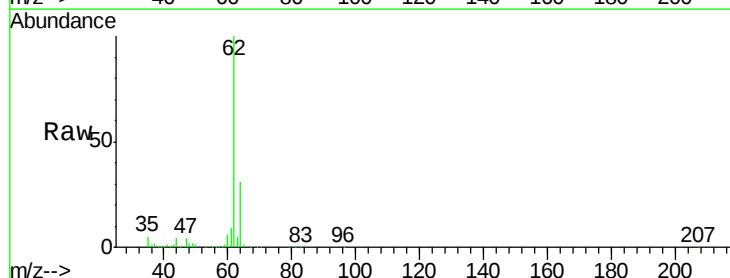
Acq: 15 Jan 2020 12:21

Tgt Ion: 62 Resp: 99301

Ion Ratio Lower Upper

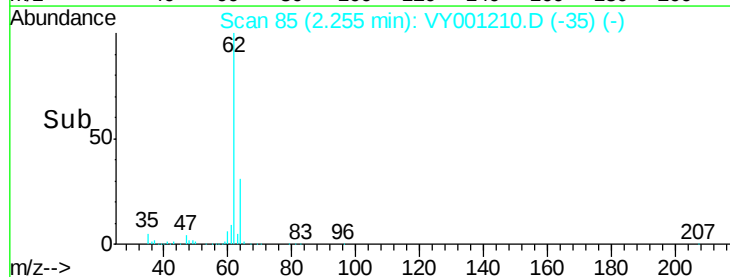
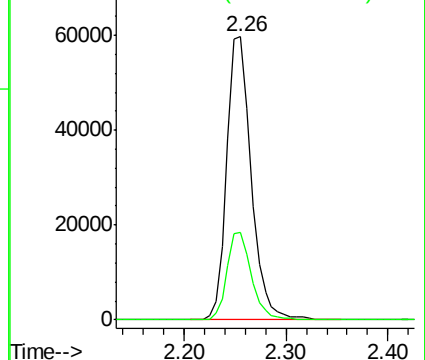
62 100

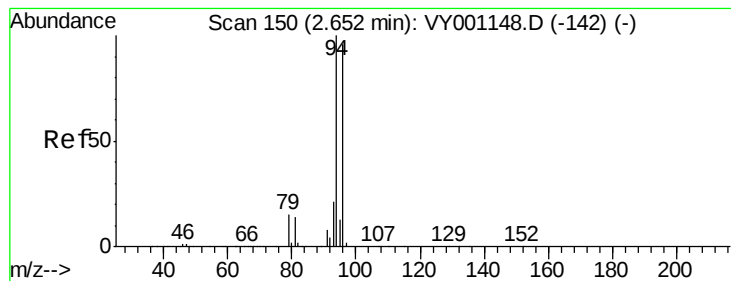
64 31.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 64.648 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

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ClientSampleId :

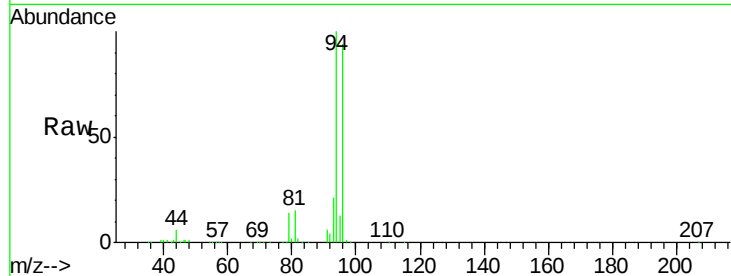
BW-1-3.0MS

Tot Ion: 94 Resp: 67200

Ion Ratio Lower Upper

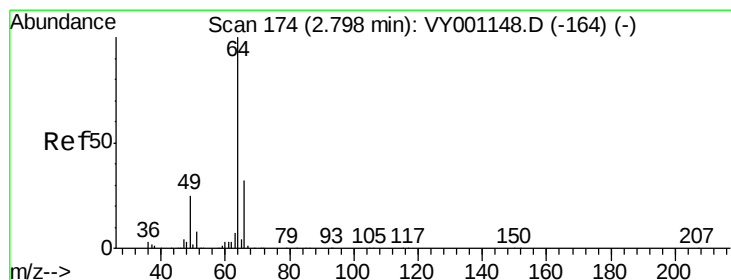
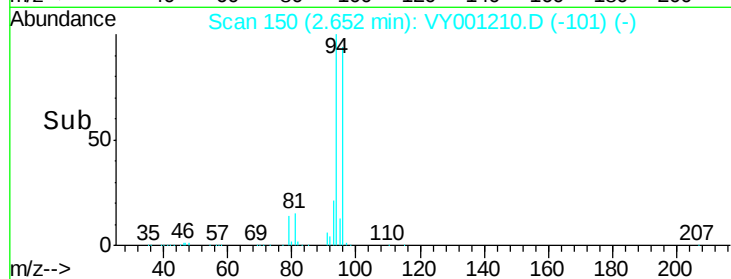
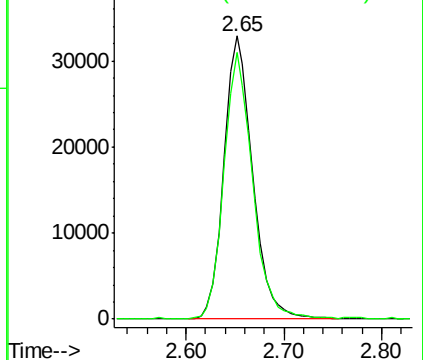
94 100

96 94.1 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: 56.345 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY001210.D

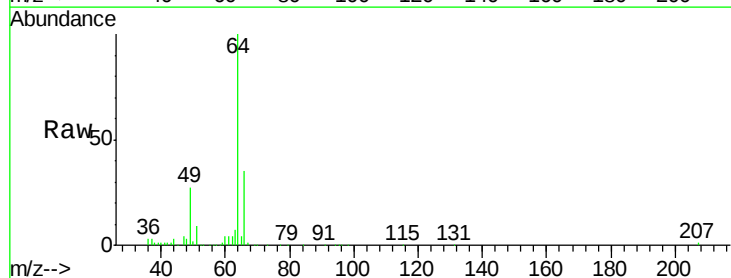
Acq: 15 Jan 2020 12:21

Tgt Ion: 64 Resp: 62993

Ion Ratio Lower Upper

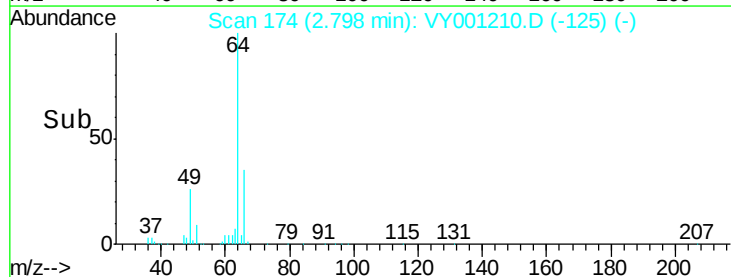
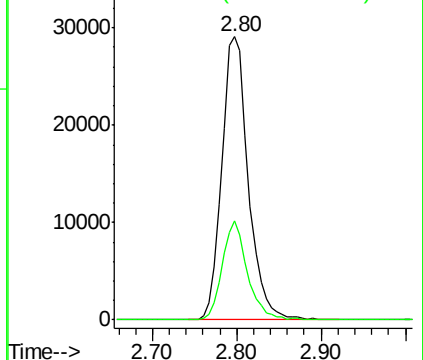
64 100

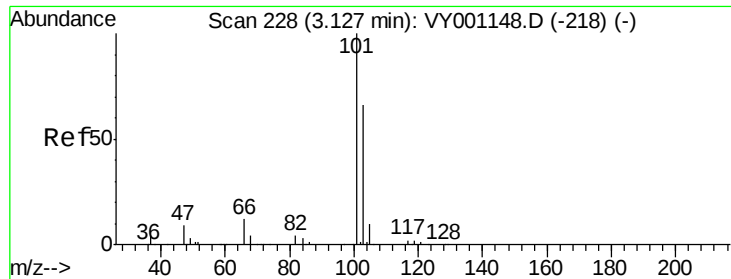
66 34.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



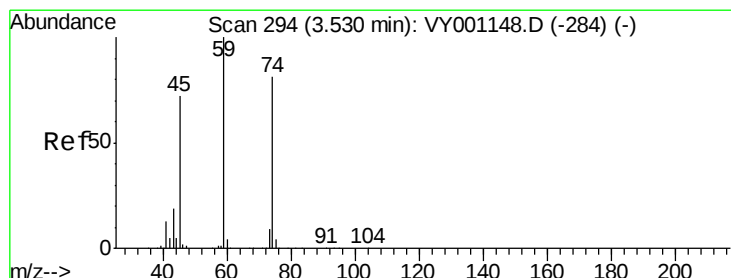
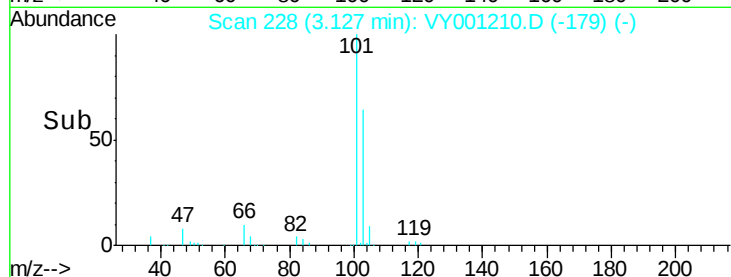
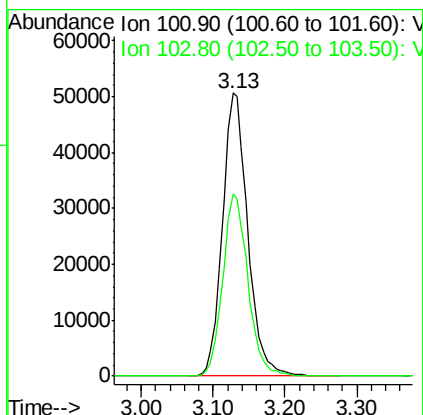
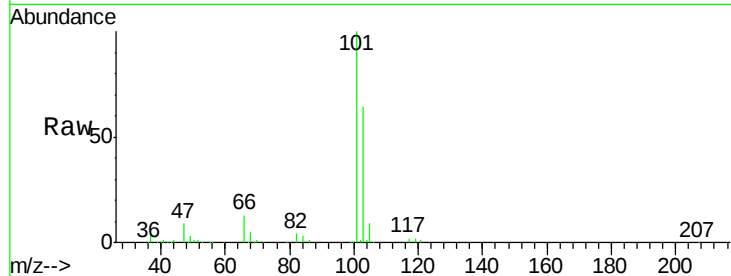


#7

Trichlorofluoromethane
Concen: 45.799 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

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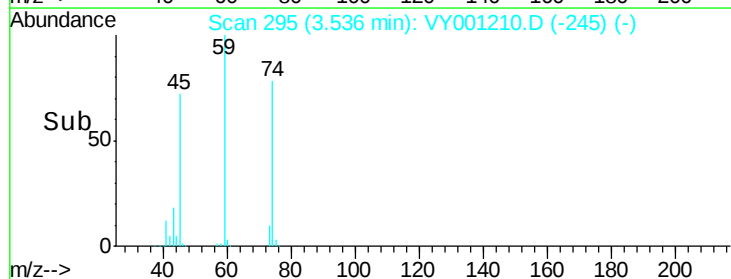
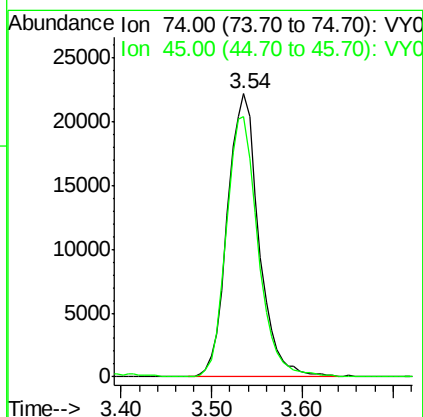
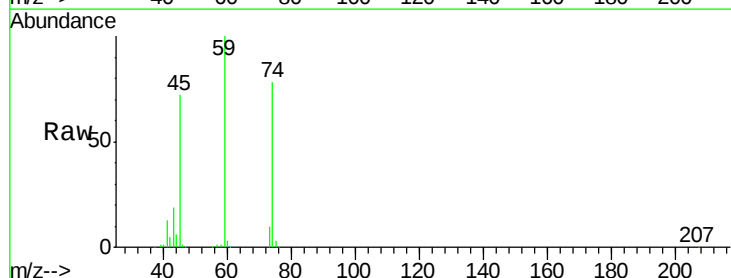
Tot Ion:101 Resp: 123367
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0

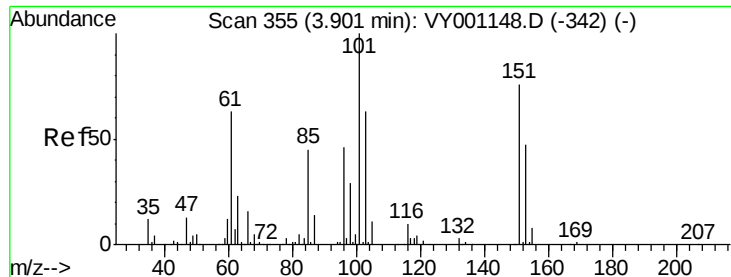


#8

Diethyl Ether
Concen: 51.073 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 74 Resp: 53457
Ion Ratio Lower Upper
74 100
45 93.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.416 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

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ClientSampleId :

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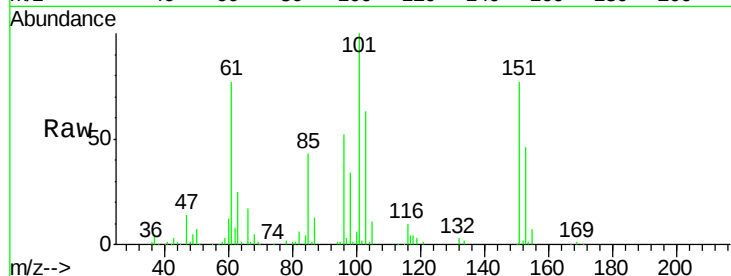
Tot Ion:101 Resp: 77011

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

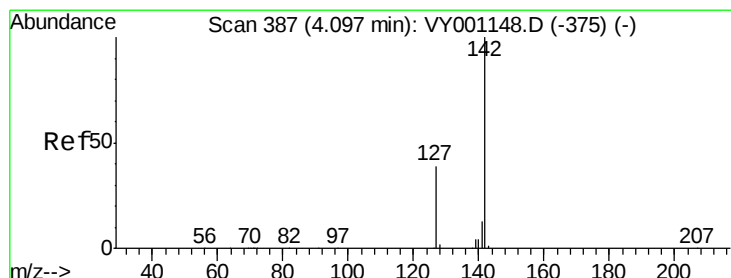
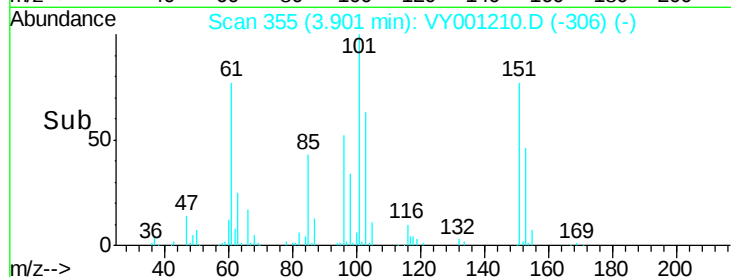
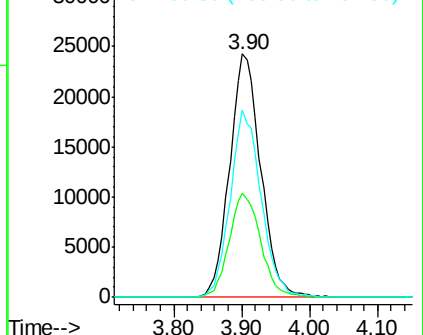
151 76.4 61.4 92.2



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: 48.350 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

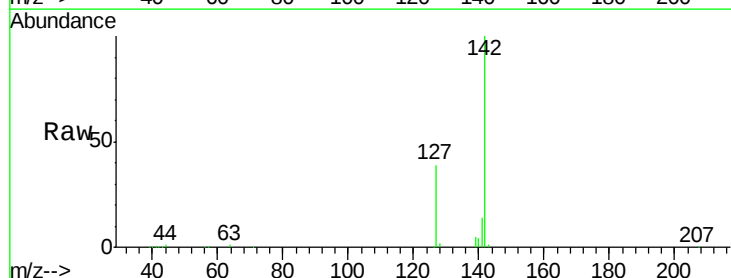
Tgt Ion:142 Resp: 114747

Ion Ratio Lower Upper

142 100

127 39.2 30.8 46.2

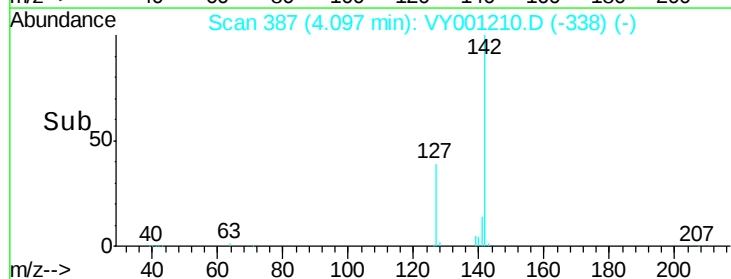
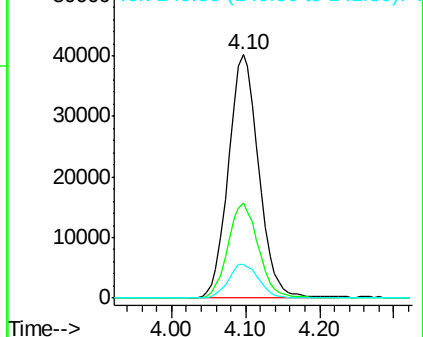
141 14.2 11.0 16.4

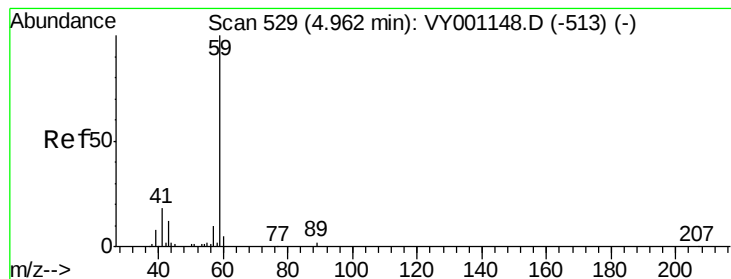


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 251.658 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampled :

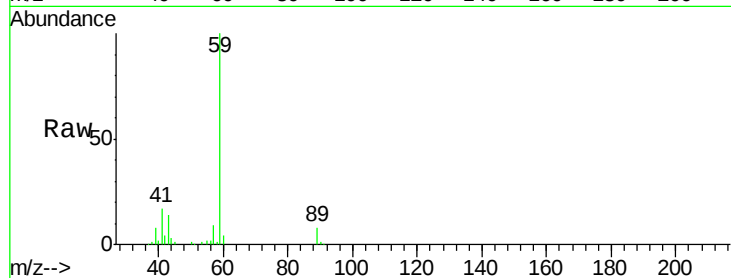
BW-1-3.0MS

Tot Ion: 59 Resp: 46404

Ion Ratio Lower Upper

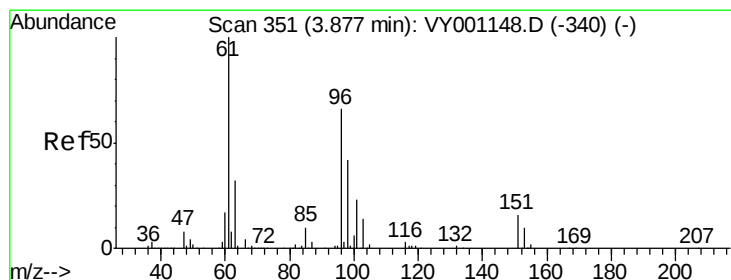
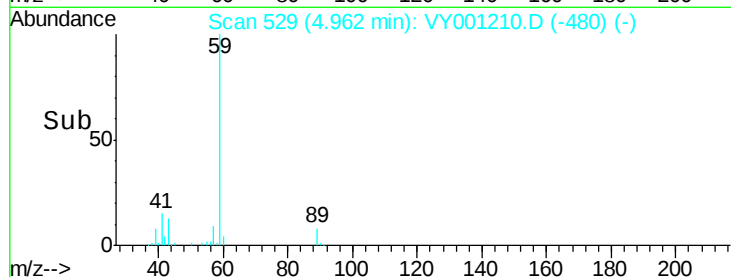
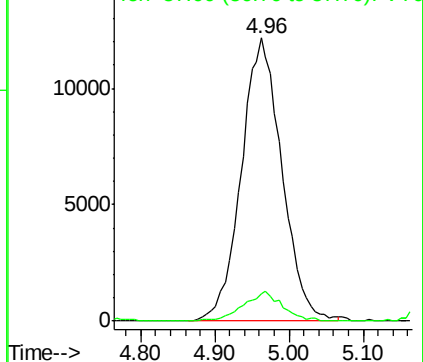
59 100

57 10.0 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 46.949 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

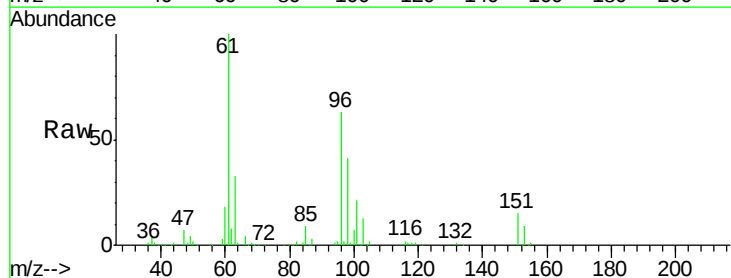
Tgt Ion: 96 Resp: 83283

Ion Ratio Lower Upper

96 100

61 157.8 122.1 183.1

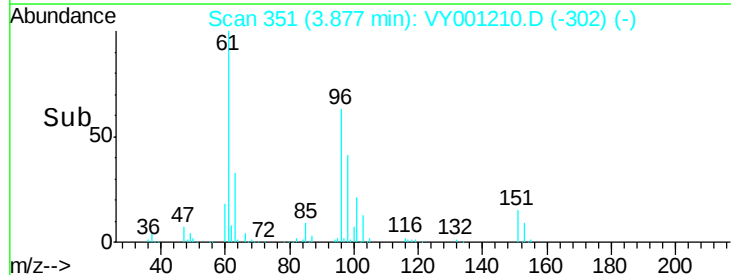
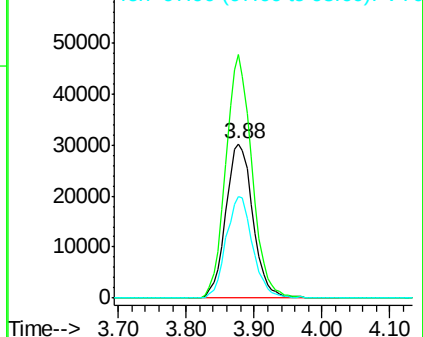
98 65.4 51.0 76.6

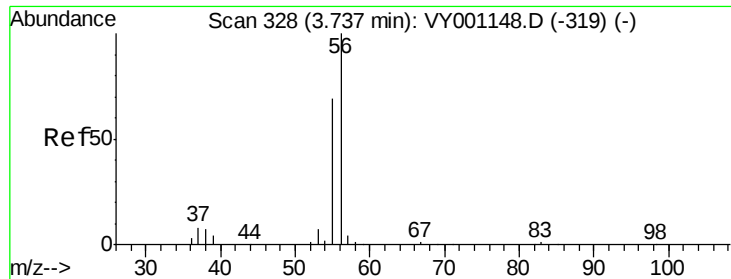


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

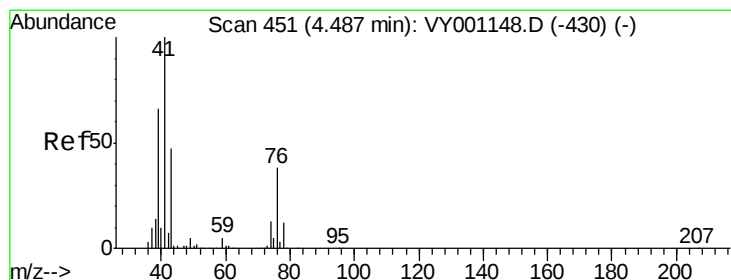
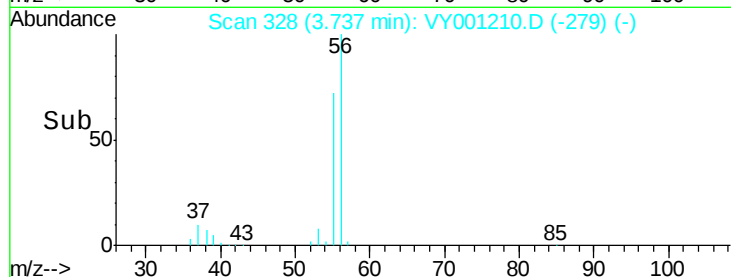
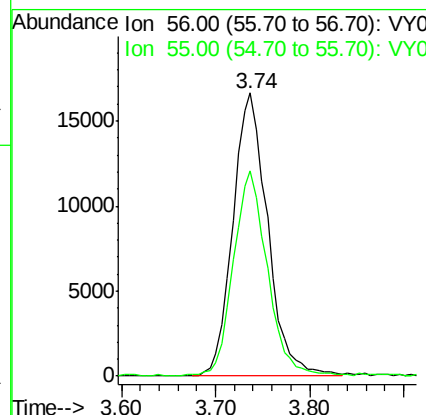
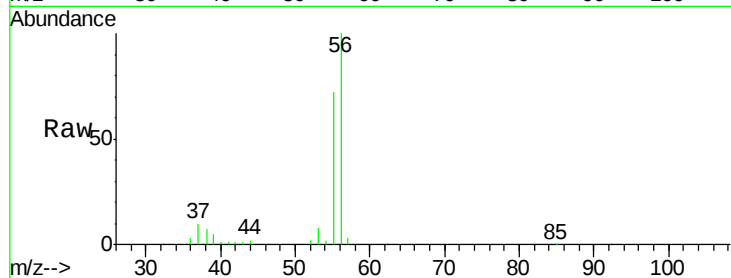




#13
 Acrolein
 Concen: 257.181 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

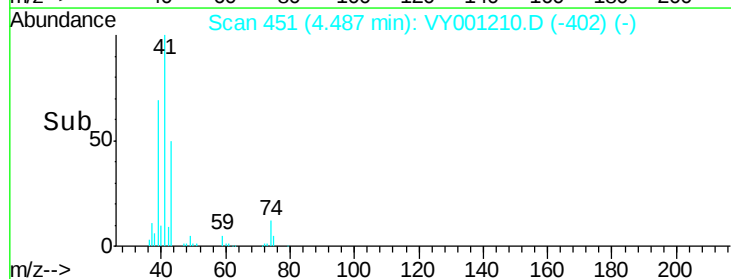
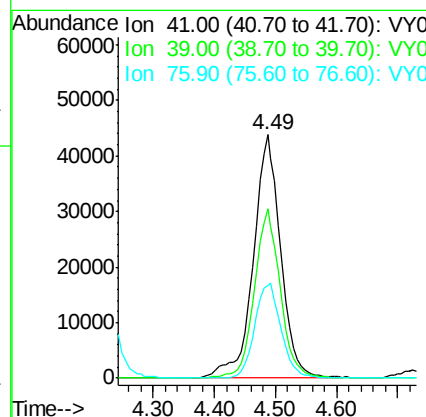
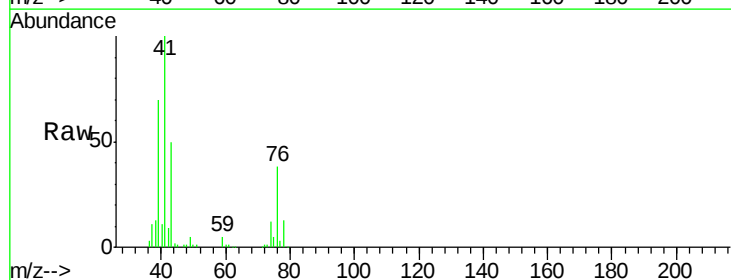
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MS

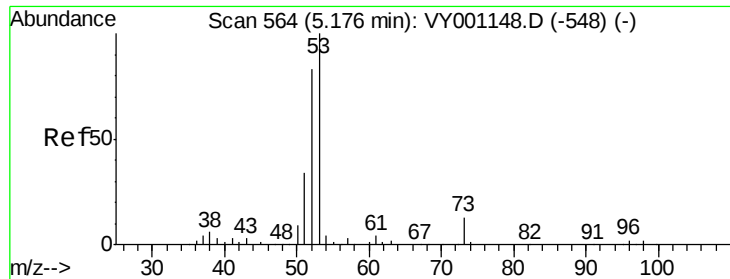
Tot Ion: 56 Resp: 42692
 Ion Ratio Lower Upper
 56 100
 55 71.4 56.7 85.1



#14
 Allyl chloride
 Concen: 45.474 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

Tgt Ion: 41 Resp: 136144
 Ion Ratio Lower Upper
 41 100
 39 66.6 52.6 78.8
 76 37.9 30.2 45.2





#15

Acrylonitrile

Concen: 255.495 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

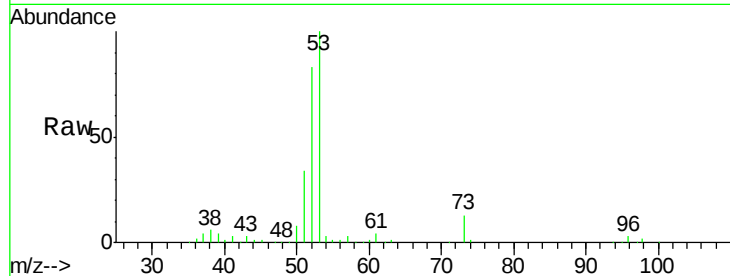
Tot Ion: 53 Resp: 133743

Ion Ratio Lower Upper

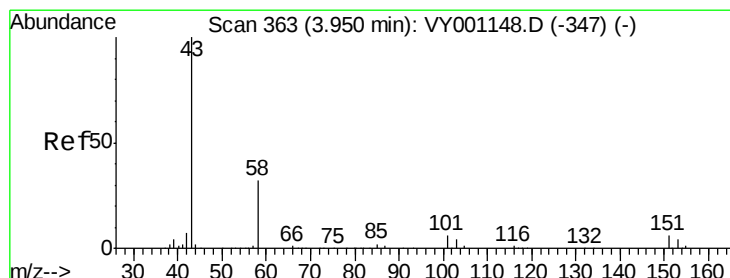
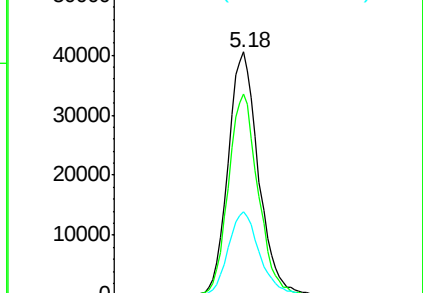
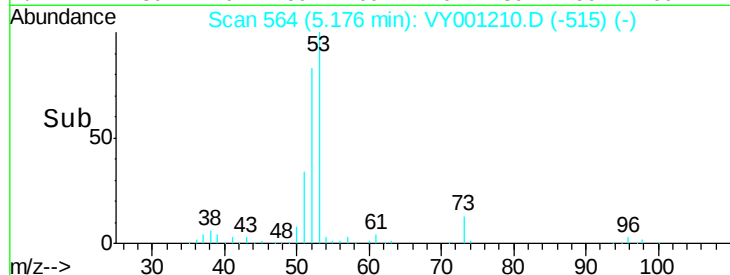
53 100

52 81.1 65.7 98.5

51 35.6 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY001210.D (-515) (-)



#16

Acetone

Concen: 312.298 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001210.D

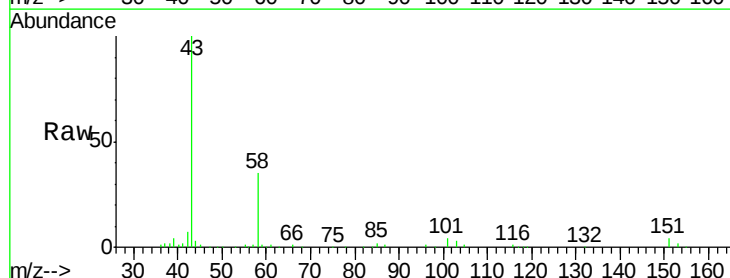
Acq: 15 Jan 2020 12:21

Tgt Ion: 43 Resp: 132922

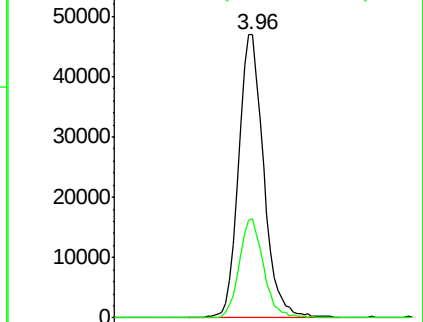
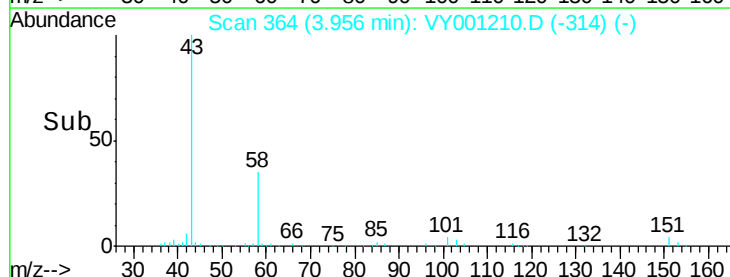
Ion Ratio Lower Upper

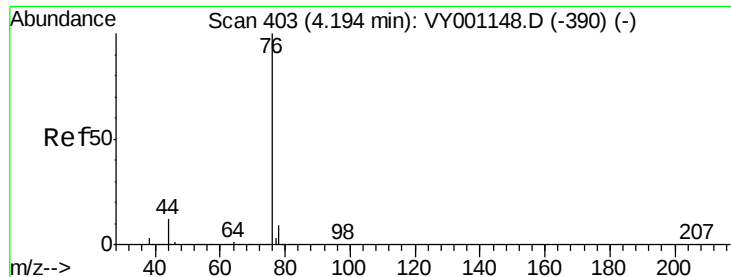
43 100

58 34.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001210.D (-314) (-)

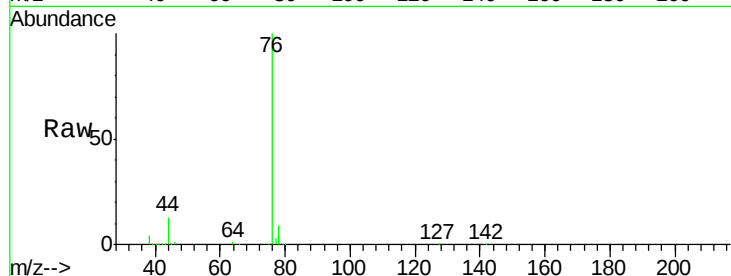




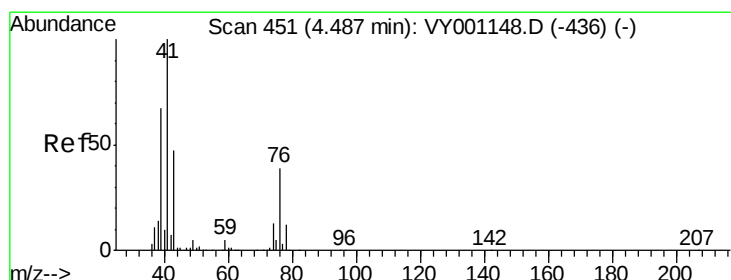
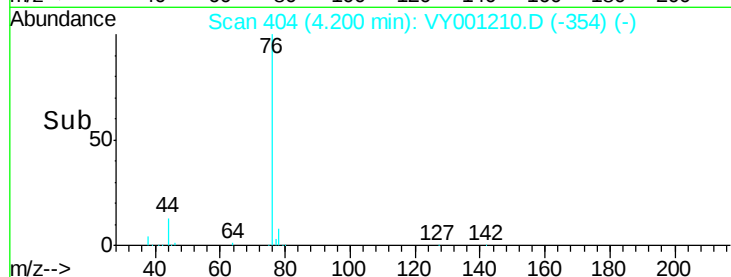
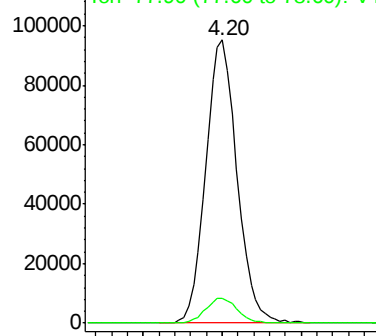
#17
Carbon Disulfide
Concen: 45.807 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Instrument :
MSVOA_Y
ClientSampled :
BW-1-3.0MS

Tot Ion: 76 Resp: 262988
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

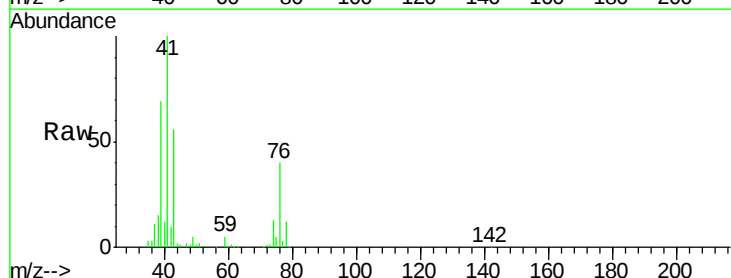


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

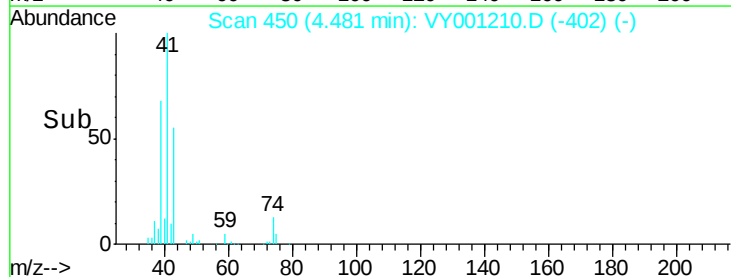
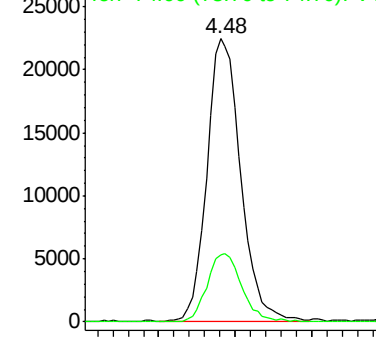


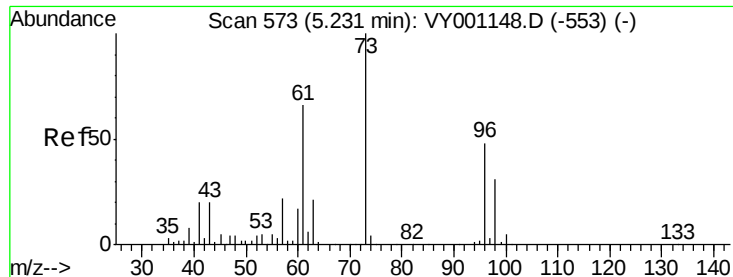
#18
Methyl Acetate
Concen: 48.341 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 43 Resp: 68026
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

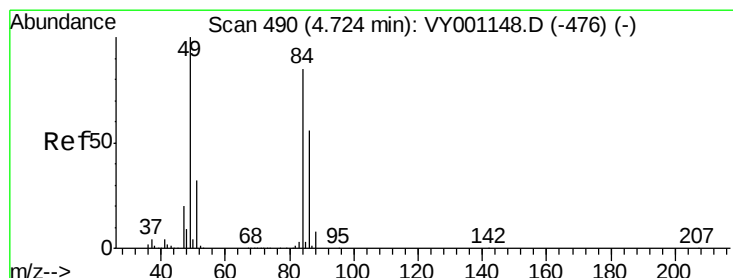
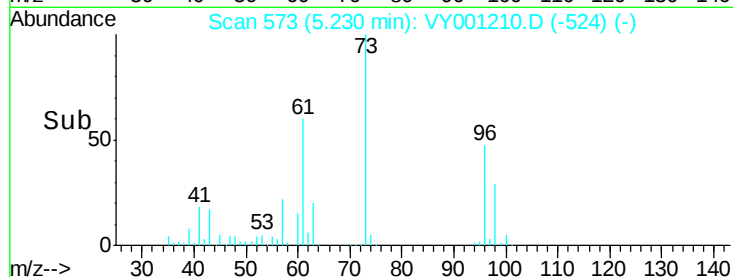
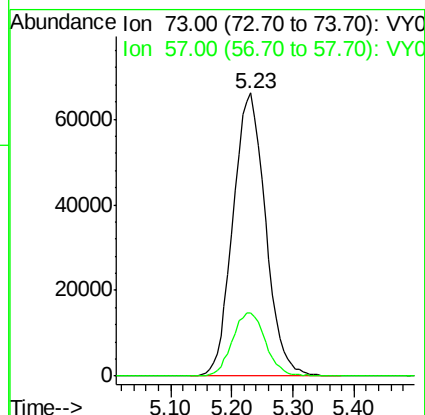
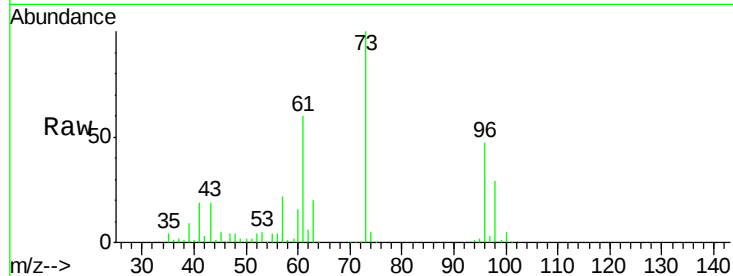




#19
Methvl tert-butvl Ether
Concen: 49.519 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

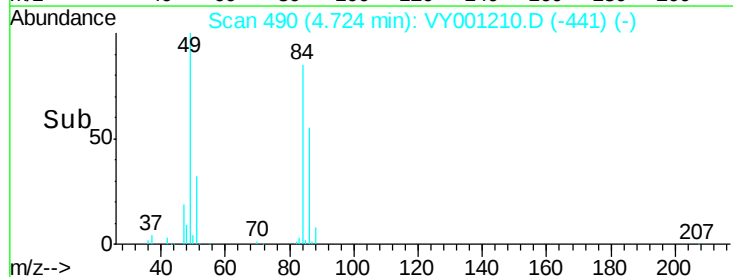
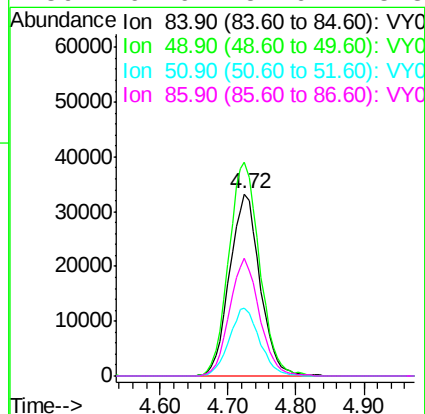
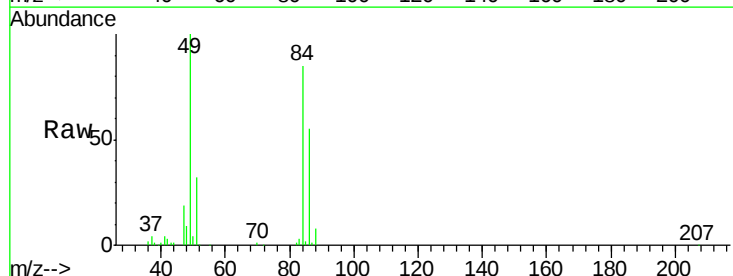
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

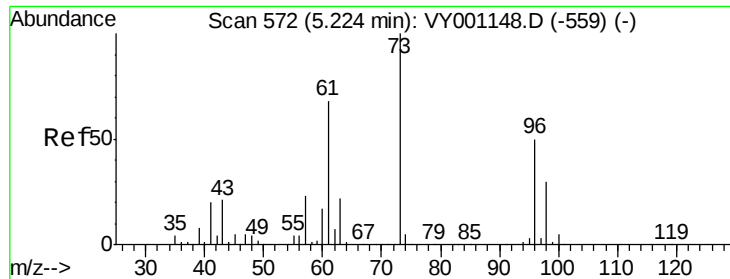
Tot Ion: 73 Resp: 242978
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.6



#20
Methylene Chloride
Concen: 52.086 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 84 Resp: 102855
Ion Ratio Lower Upper
84 100
49 117.3 93.8 140.6
51 37.4 29.9 44.9
86 64.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.213 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampled :

BW-1-3.0MS

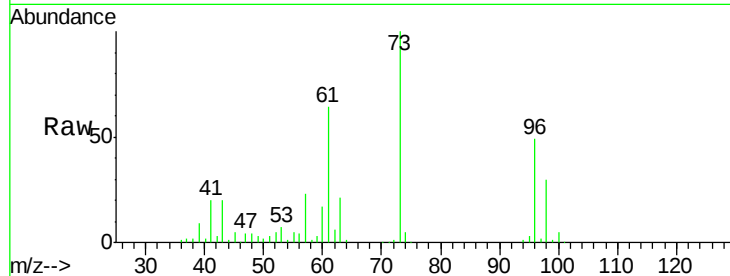
Tot Ion: 96 Resp: 96975

Ion Ratio Lower Upper

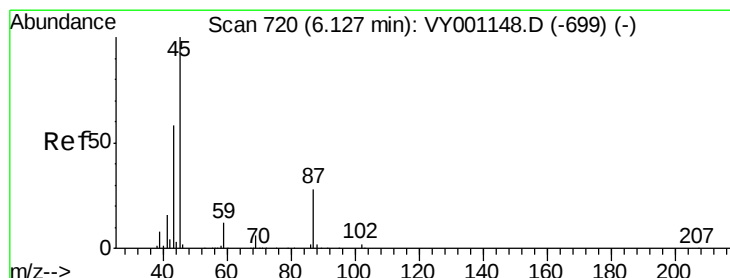
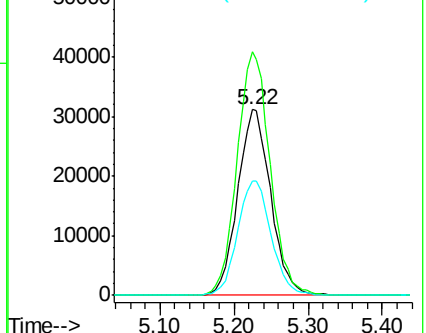
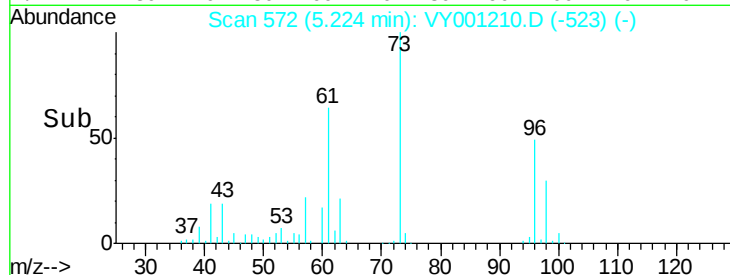
96 100

61 131.3 107.6 161.4

98 61.6 47.6 71.4



Abundance Ion 95.90 (95.60 to 96.60): VY001210.D (-523) (-)



#22

Diisopropyl ether

Concen: 49.892 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Tgt Ion: 45 Resp: 305090

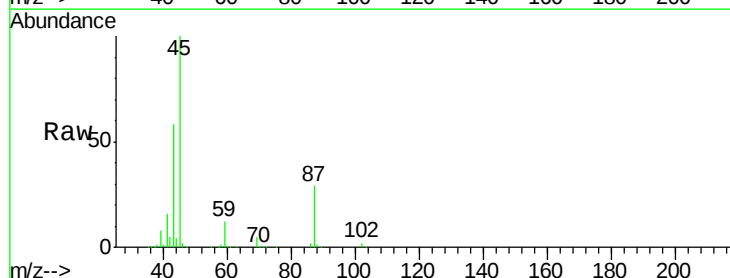
Ion Ratio Lower Upper

45 100

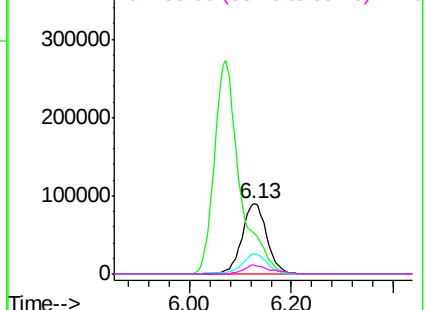
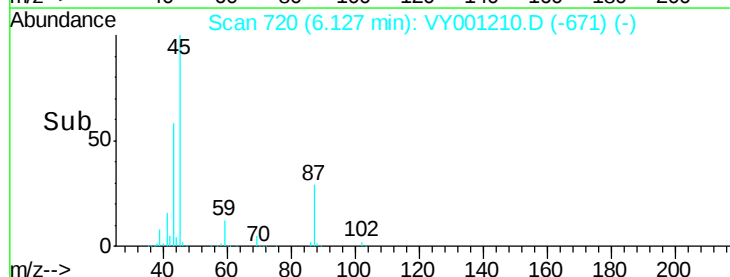
43 57.7 46.5 69.7

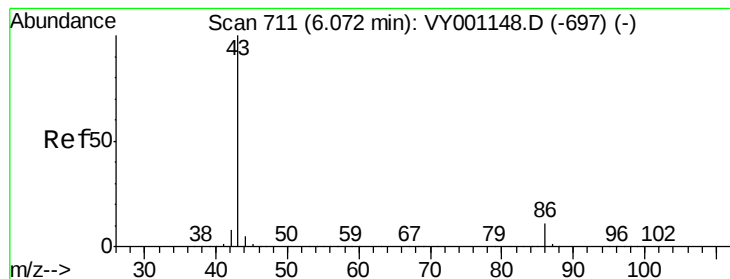
87 29.0 22.5 33.7

59 12.5 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY001210.D (-671) (-)





#23

Vinyl Acetate

Concen: 240.498 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

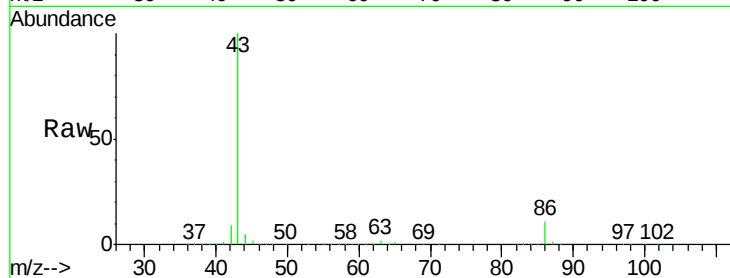
BW-1-3.0MS

Tot Ion: 43 Resp: 940536

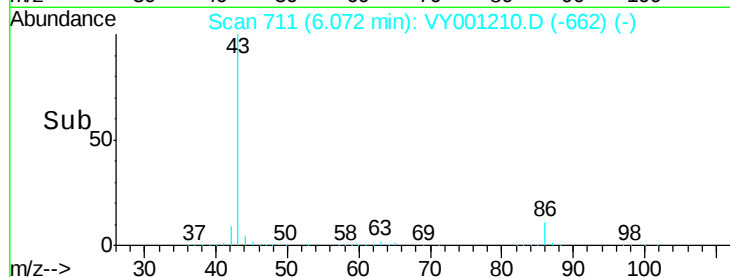
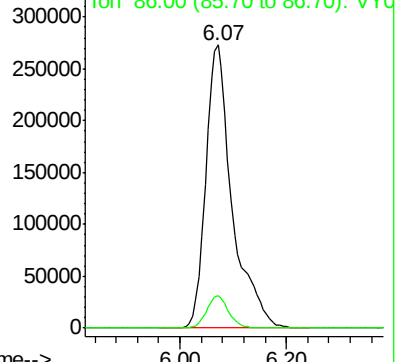
Ion Ratio Lower Upper

43 100

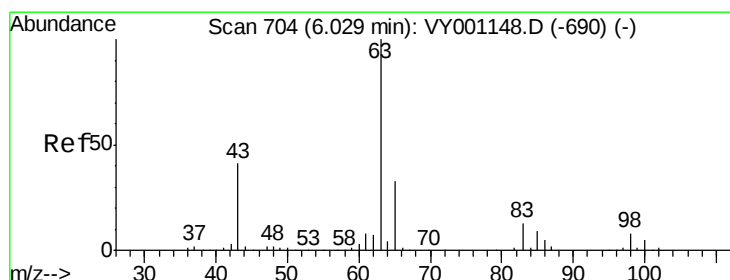
86 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY001210.D (-662) (-)



Time-->



#24

1,1-Dichloroethane

Concen: 49.775 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

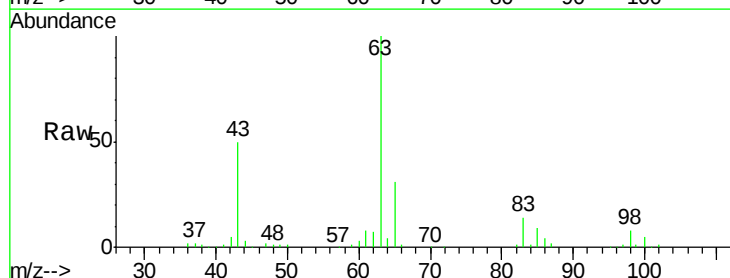
Tgt Ion: 63 Resp: 166632

Ion Ratio Lower Upper

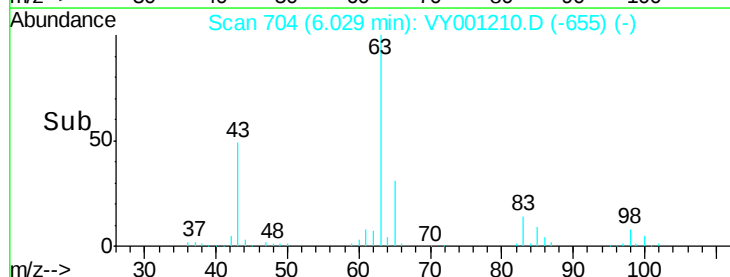
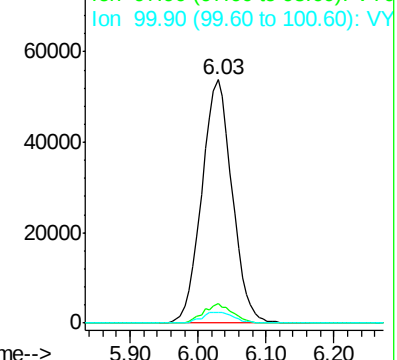
63 100

98 8.0 3.9 11.7

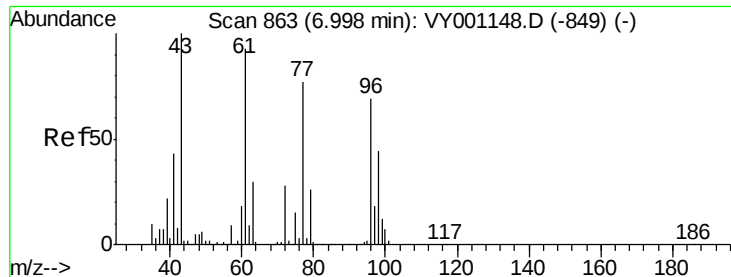
100 4.6 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY001210.D (-655) (-)



Time-->



#25

2-Butanone

Concen: 285.690 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

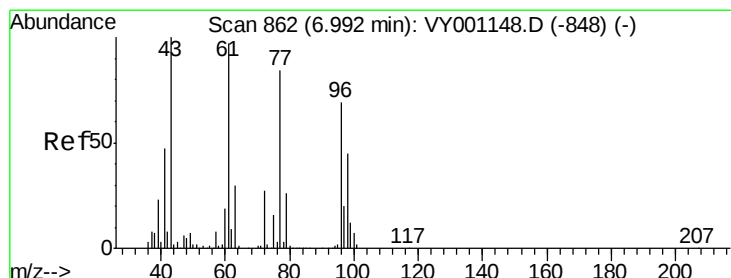
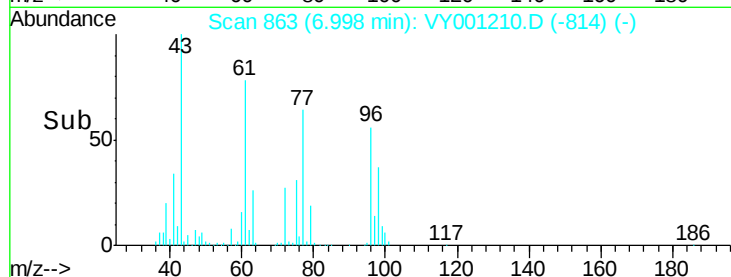
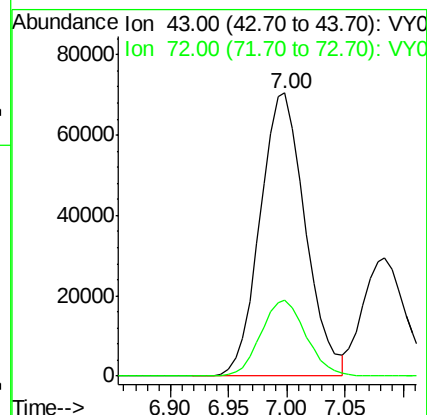
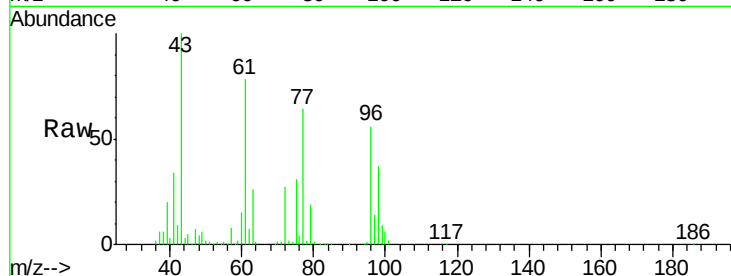
BW-1-3.0MS

Tot Ion: 43 Resp: 189248

Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 47.140 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY001210.D

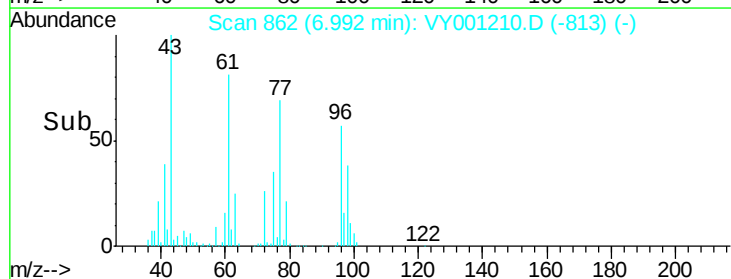
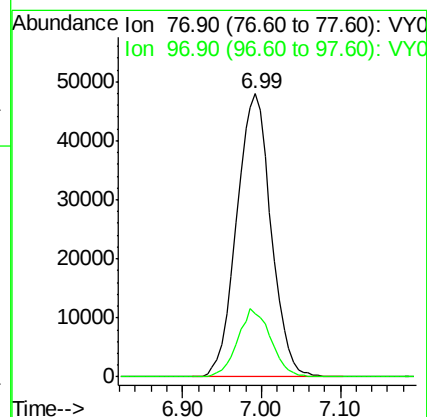
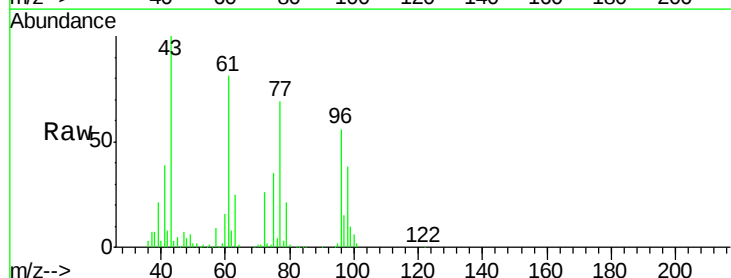
Acq: 15 Jan 2020 12:21

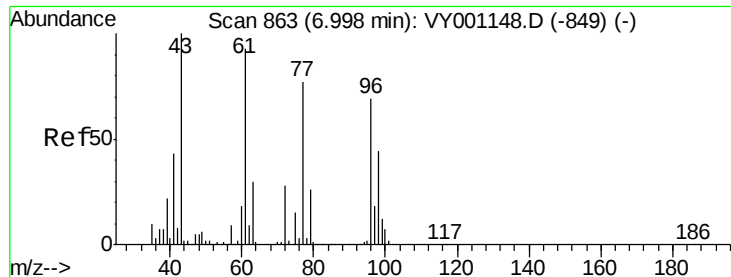
Tgt Ion: 77 Resp: 145117

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.7



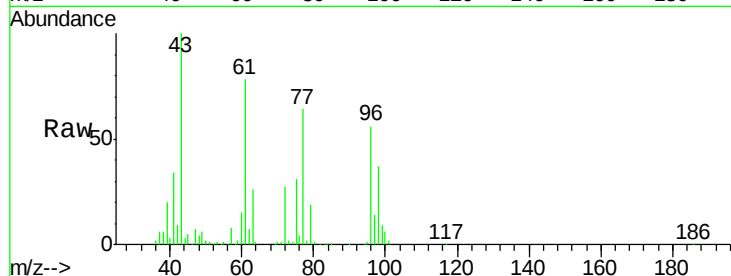


#27

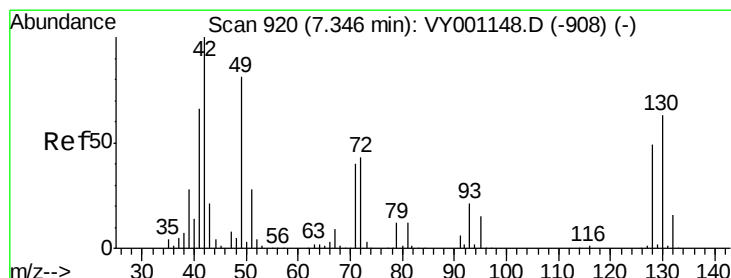
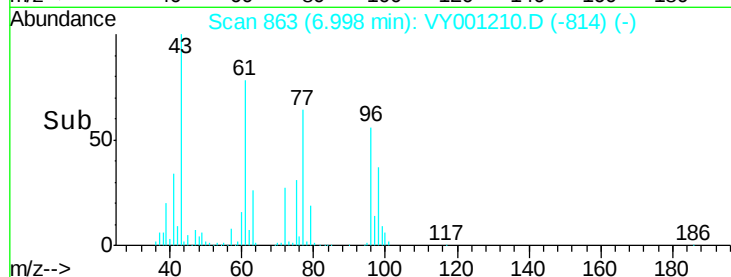
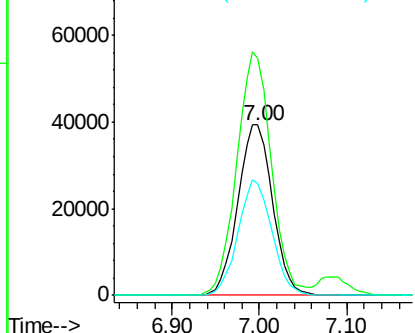
cis-1,2-Dichloroethene
Concen: 49.284 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Instrument :
MSVOA_Y
ClientSampled :
BW-1-3.0MS

Tot Ion: 96 Resp: 108620
Ion Ratio Lower Upper
96 100
61 142.0 0.0 284.0
98 65.9 0.0 130.2



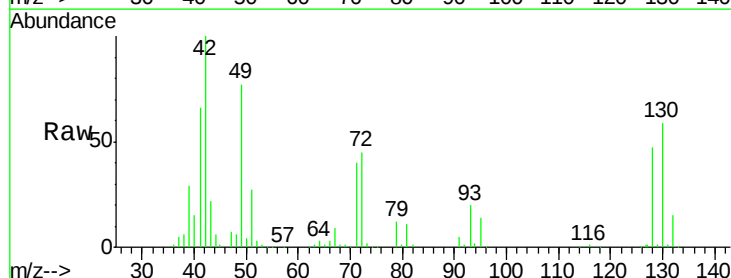
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



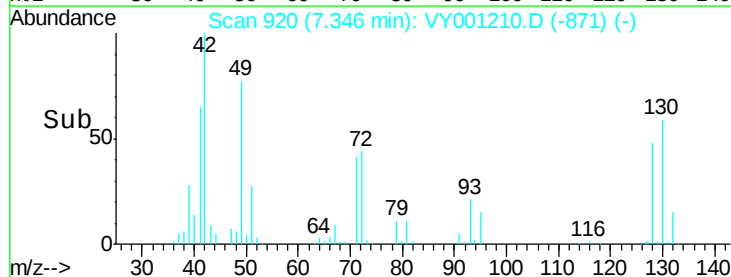
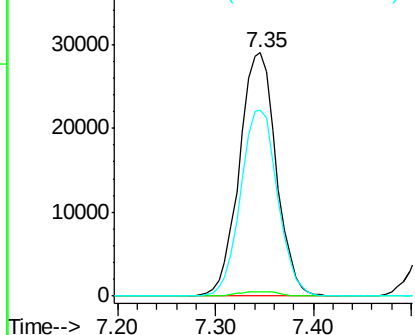
#28

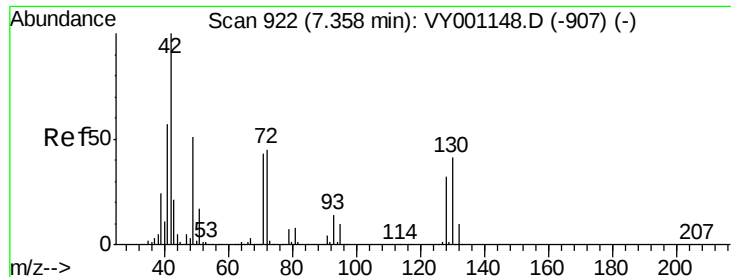
Bromochloromethane
Concen: 54.985 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 49 Resp: 75587
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 76.8 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

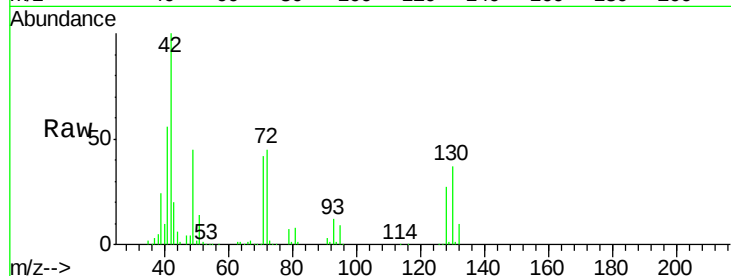




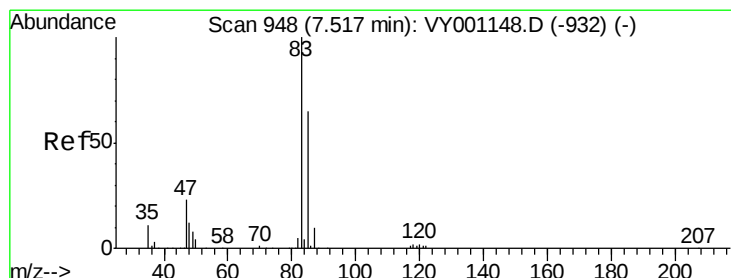
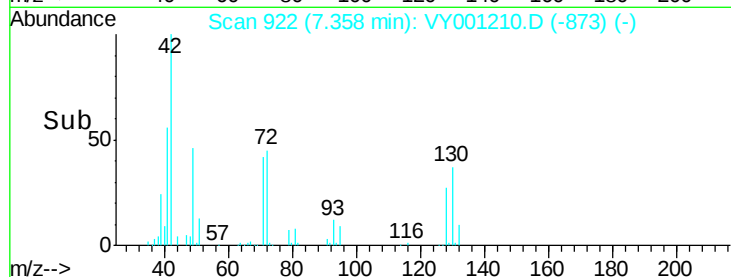
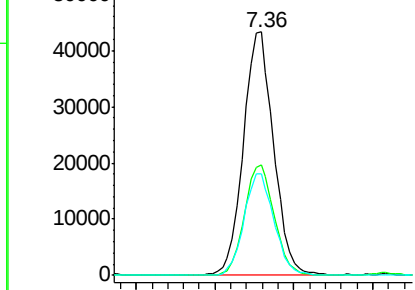
#29
Tetrahydrofuran
Concen: 254.337 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

Tot Ion: 42 Resp: 115459
Ion Ratio Lower Upper
42 100
72 44.9 36.9 55.3
71 41.5 34.0 51.0

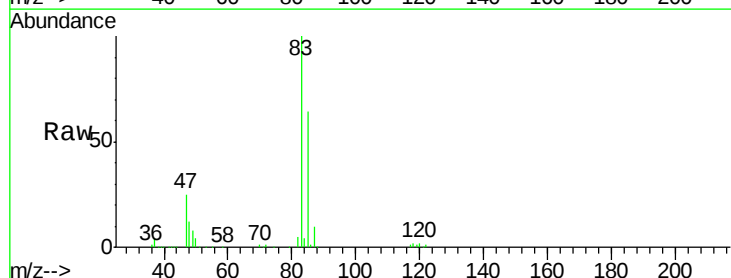


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

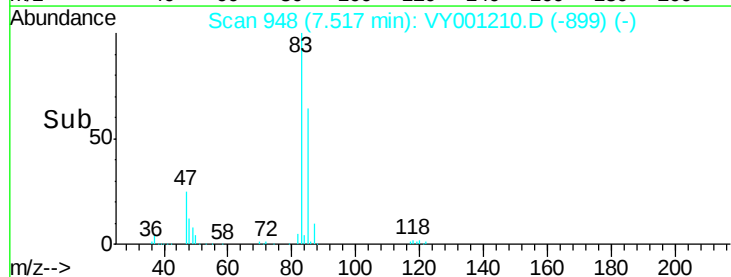
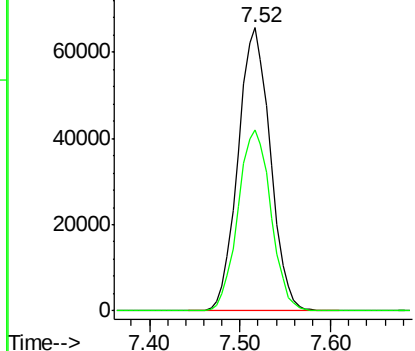


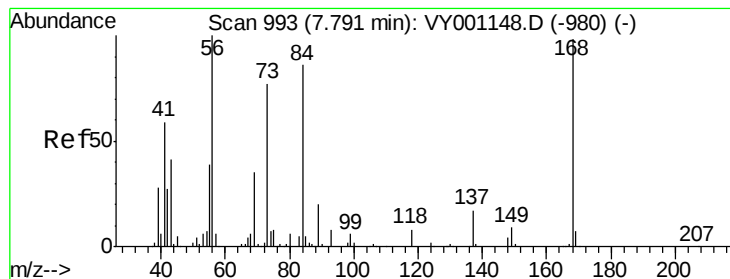
#30
Chloroform
Concen: 49.354 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 83 Resp: 161890
Ion Ratio Lower Upper
83 100
85 63.9 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: 40.870 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampled :

BW-1-3.0MS

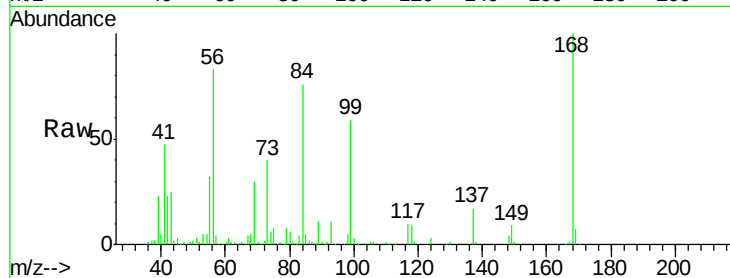
Tot Ion: 56 Resp: 144865

Ion Ratio Lower Upper

56 100

69 36.5 27.8 41.8

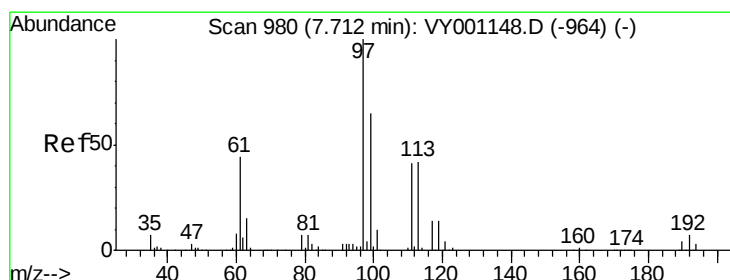
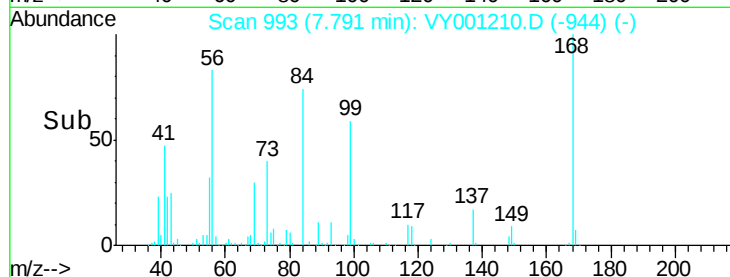
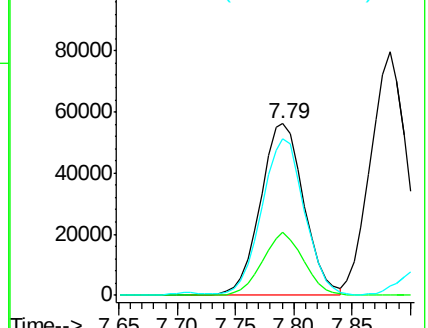
84 89.9 68.9 103.3



Abundance Ion 56.00 (55.70 to 56.70): VY001210.D (-944) (-)

Ion 69.00 (68.70 to 69.70): VY001210.D (-944) (-)

Ion 84.00 (83.70 to 84.70): VY001210.D (-944) (-)



#32

1,1,1-Trichloroethane

Concen: 46.292 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

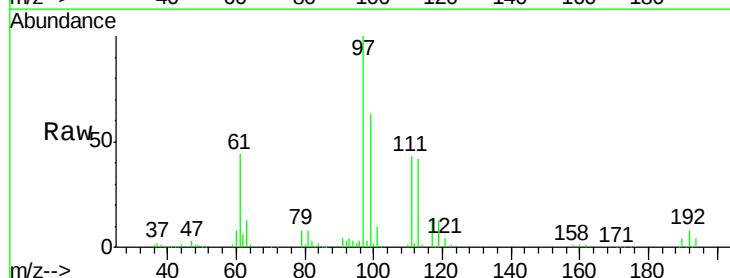
Tgt Ion: 97 Resp: 134730

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

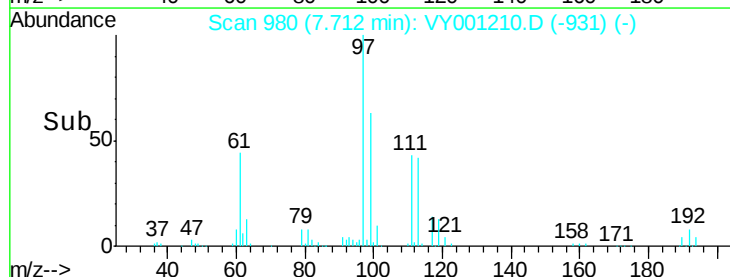
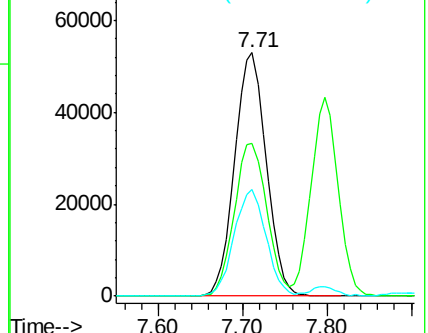
61 44.1 34.6 52.0

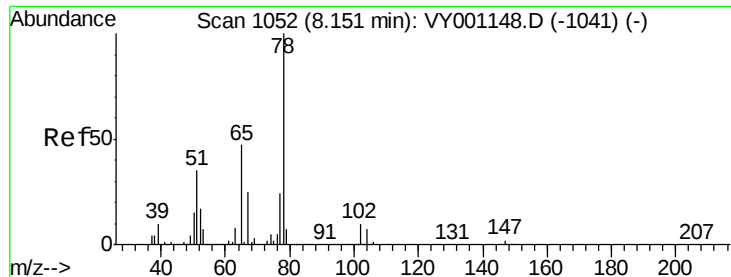


Abundance Ion 96.90 (96.60 to 97.60): VY001210.D (-931) (-)

Ion 98.90 (98.60 to 99.60): VY001210.D (-931) (-)

Ion 60.90 (60.60 to 61.60): VY001210.D (-931) (-)

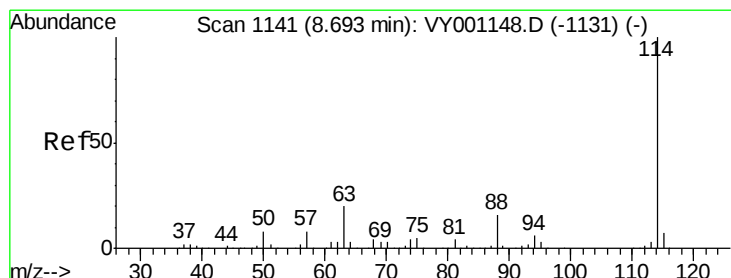
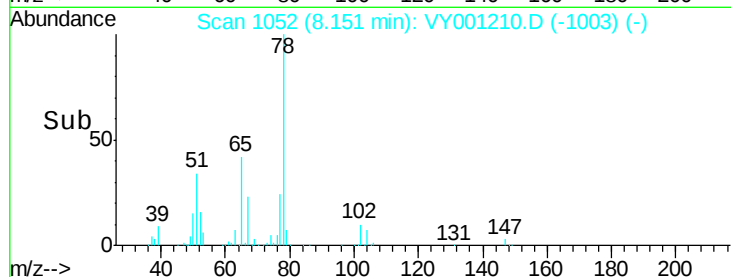
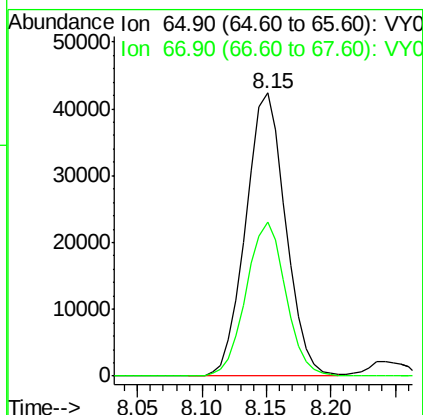
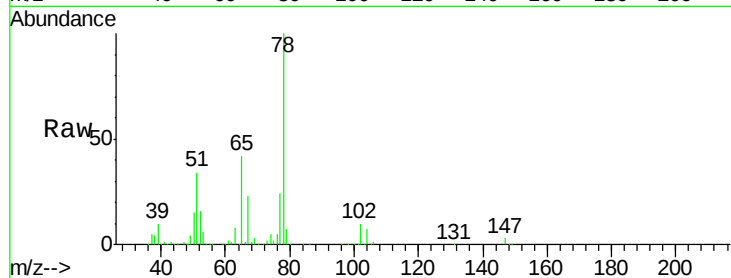




#33
 1,2-Dichloroethane-d4
 Concen: 49.515 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

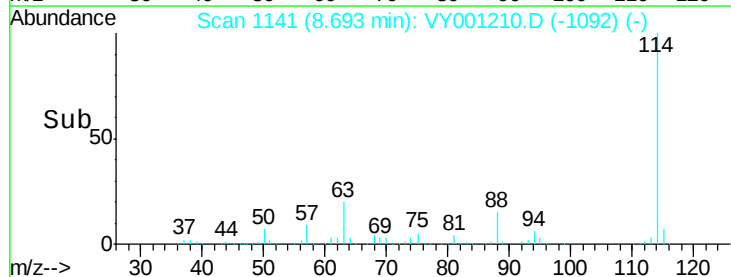
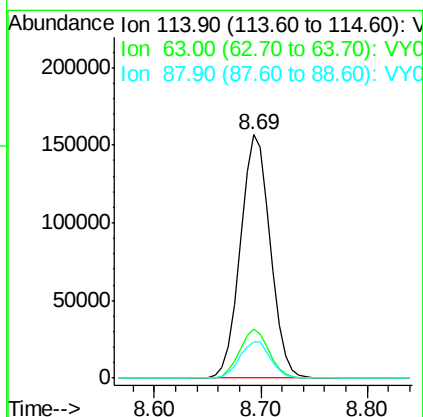
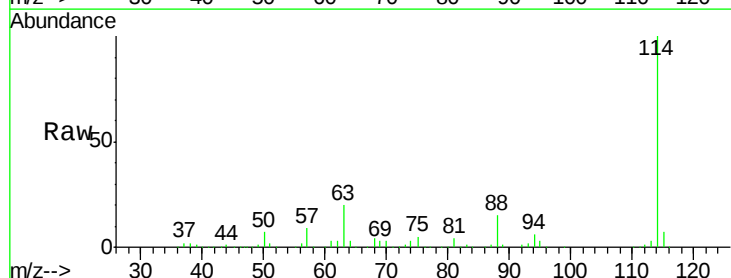
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MS

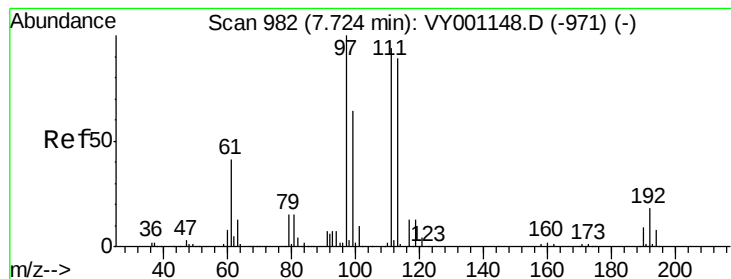
Tot Ion: 65 Resp: 90746
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

Tgt Ion: 114 Resp: 308387
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.934 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

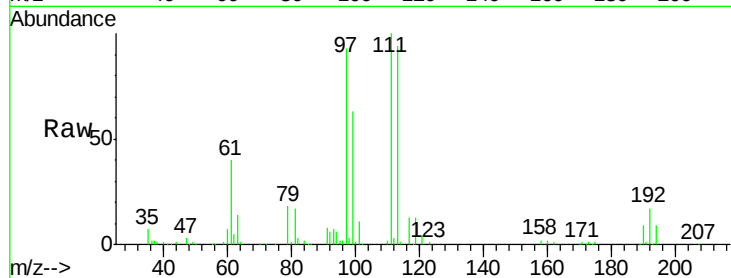
Tot Ion:113 Resp: 84744

Ion Ratio Lower Upper

113 100

111 104.9 82.9 124.3

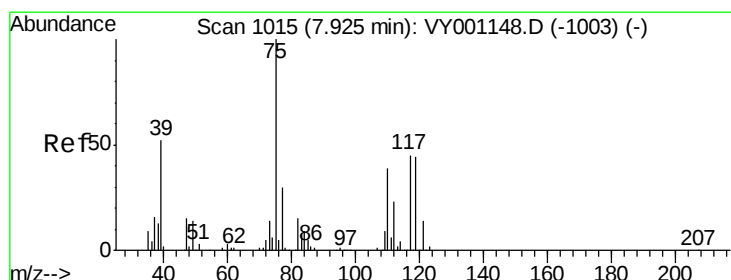
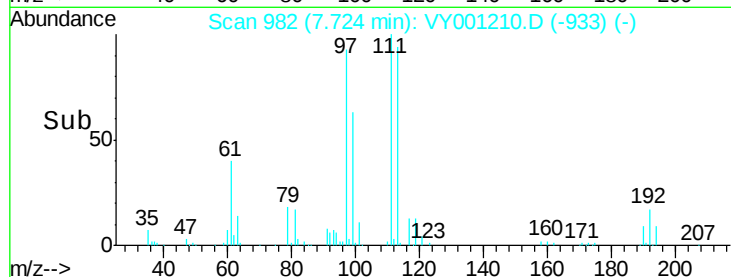
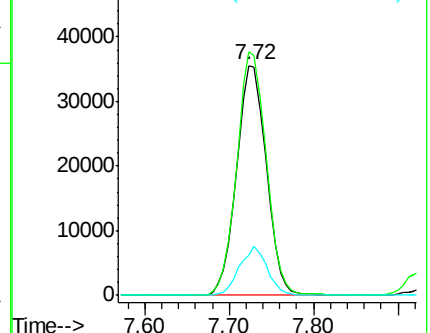
192 19.8 15.4 23.2



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: 44.456 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

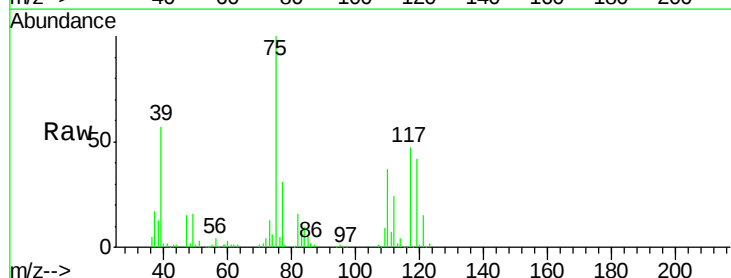
Tgt Ion: 75 Resp: 124954

Ion Ratio Lower Upper

75 100

110 36.2 18.3 54.8

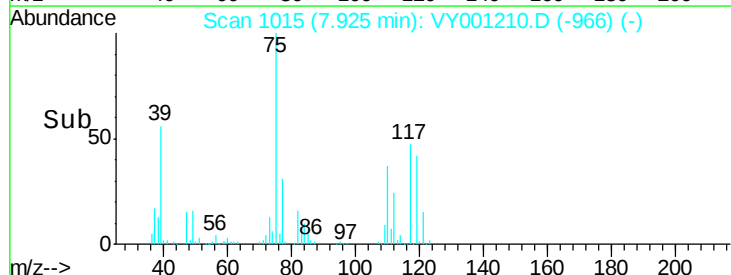
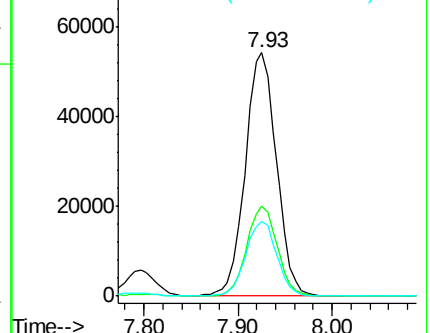
77 30.8 25.1 37.7

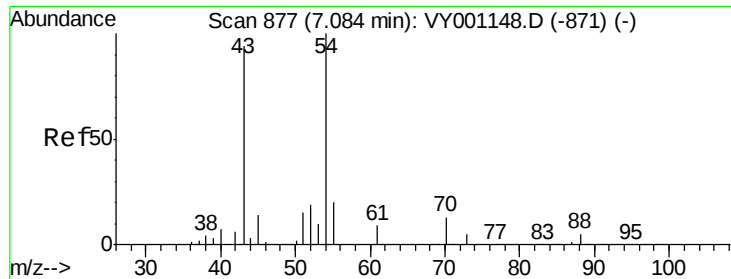


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

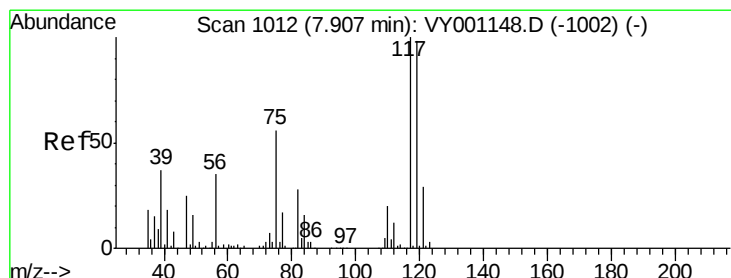
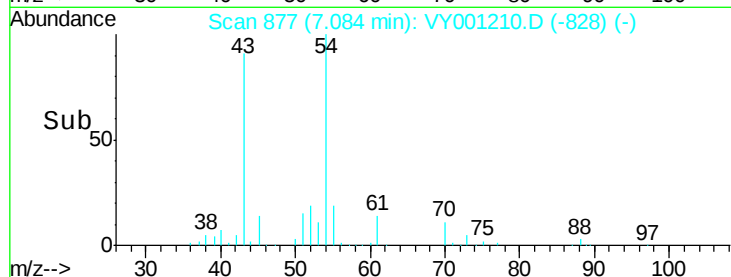
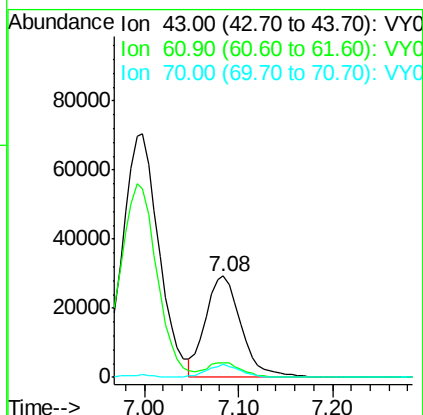
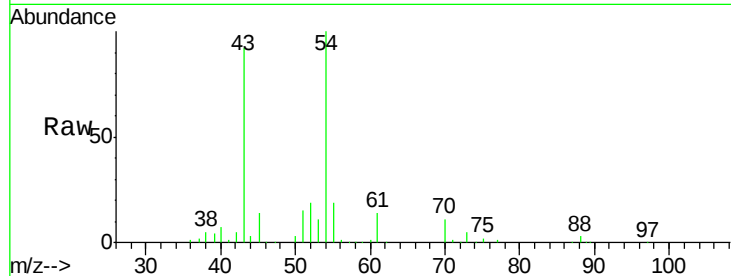




#37
Ethyl Acetate
Concen: 46.343 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

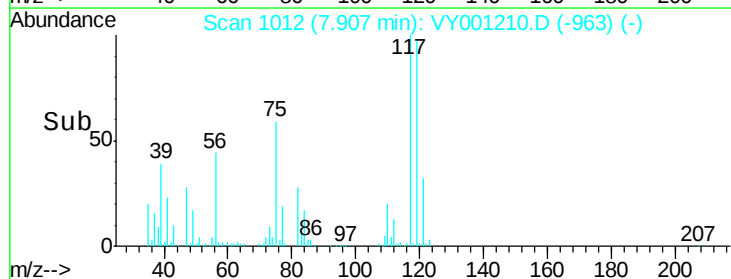
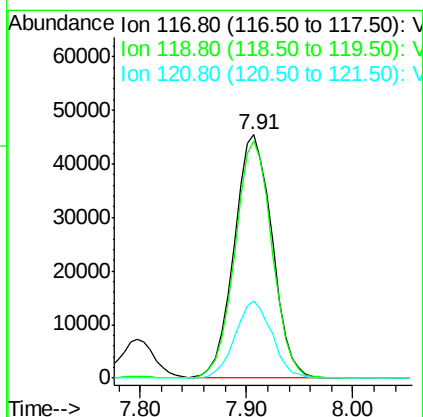
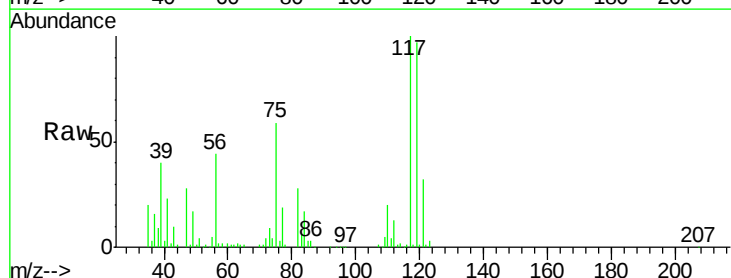
Instrument :
MSVOA_Y
ClientSampled :
BW-1-3.0MS

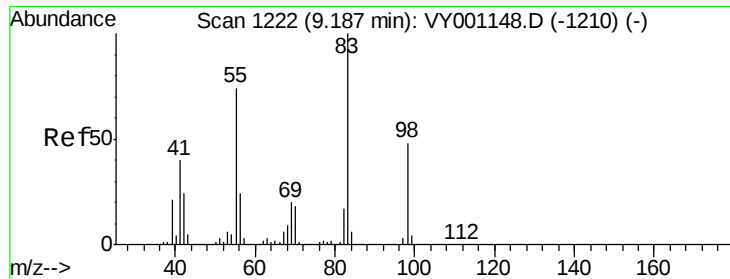
Tot Ion: 43 Resp: 76445
Ion Ratio Lower Upper
43 100
61 14.6 11.1 16.7
70 11.7 9.7 14.5



#38
Carbon Tetrachloride
Concen: 44.145 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 117 Resp: 113714
Ion Ratio Lower Upper
117 100
119 97.4 78.3 117.5
121 31.6 23.5 35.3

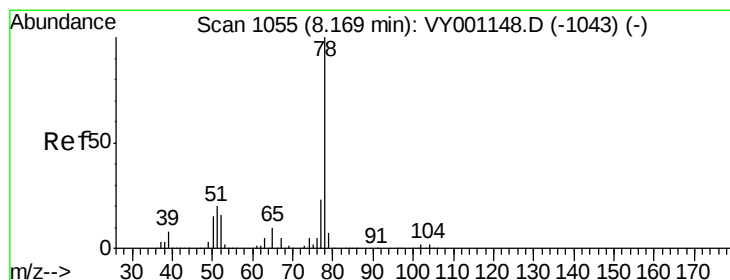
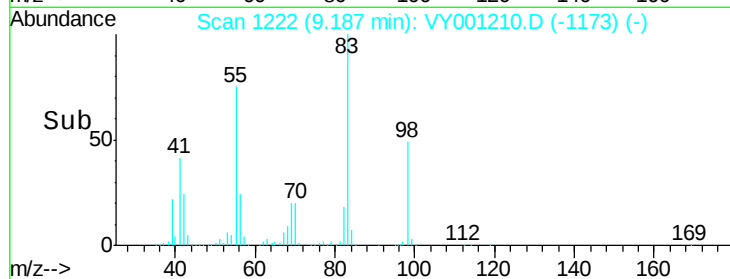
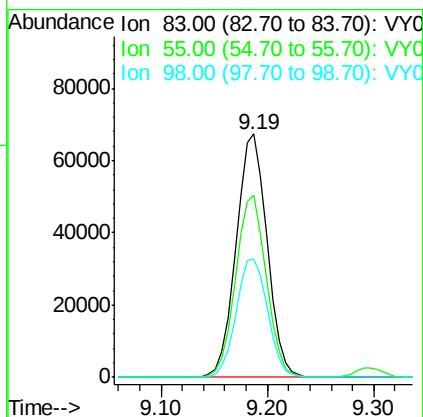
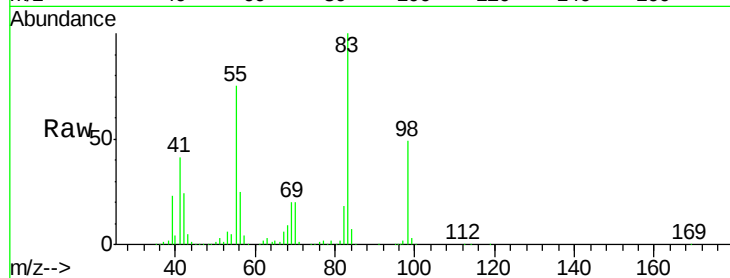




#39
Methvlcvclohexane
Concen: 36.069 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

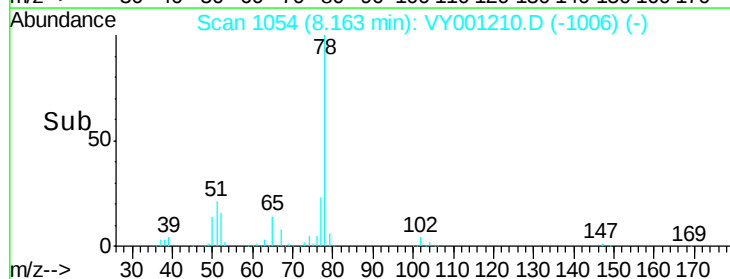
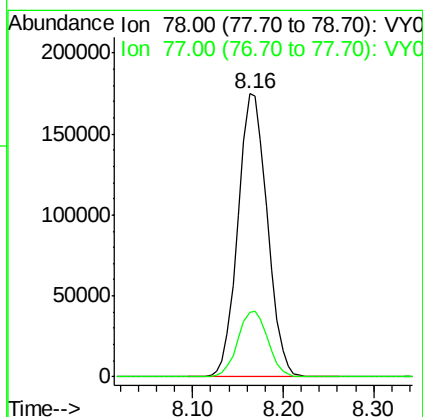
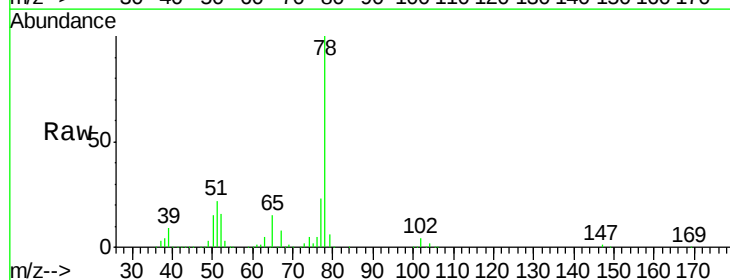
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

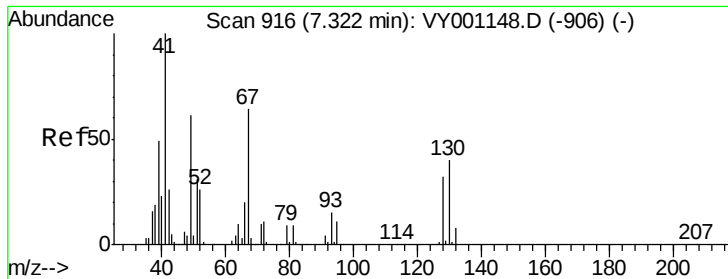
Tot Ion: 83 Resp: 137445
Ion Ratio Lower Upper
83 100
55 74.7 58.9 88.3
98 48.7 38.4 57.6



#40
Benzene
Concen: 47.796 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 78 Resp: 392161
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2

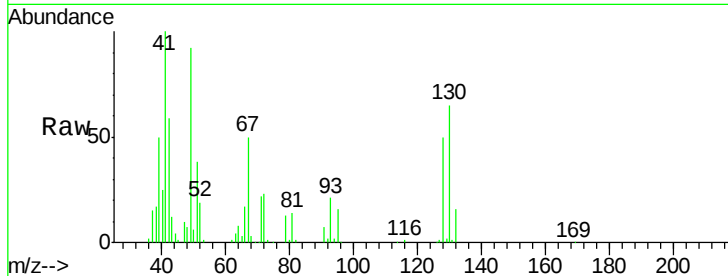




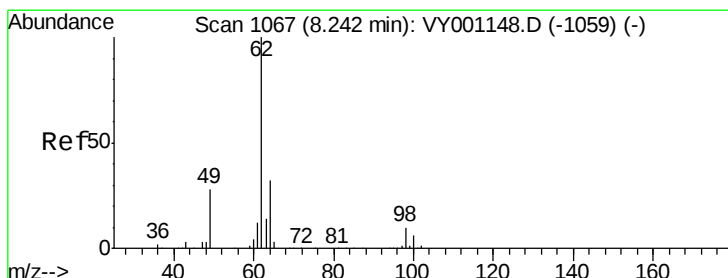
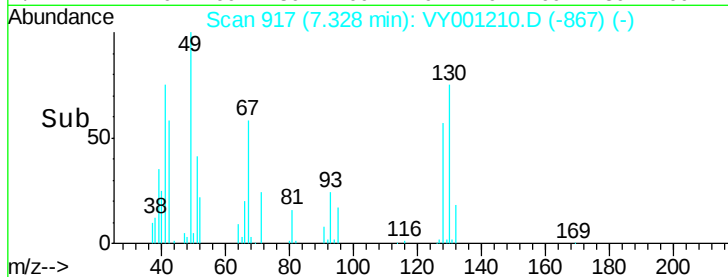
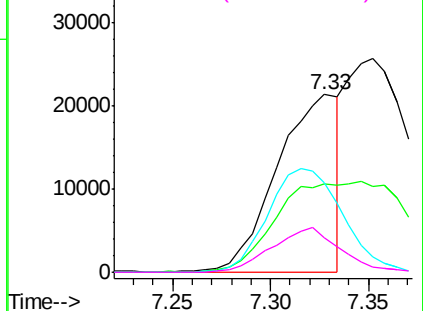
#41
Methacrylonitrile
Concen: 60.293 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

Tot Ion:	41	Resp:	46719
Ion	Ratio	Lower	Upper
41	100		
39	107.2	103.5	155.3
67	0.0	0.0	0.0
52	0.0	0.0	0.0

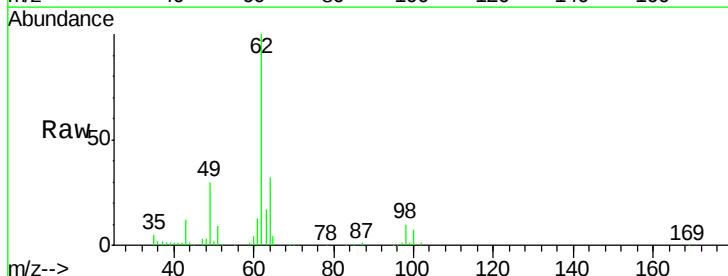


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

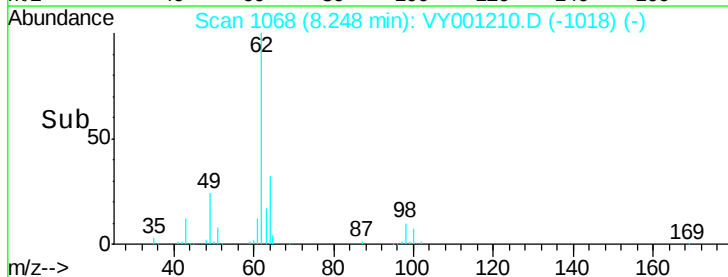
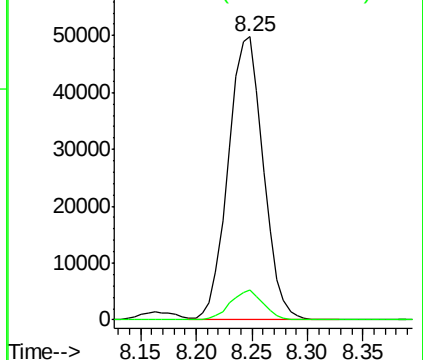


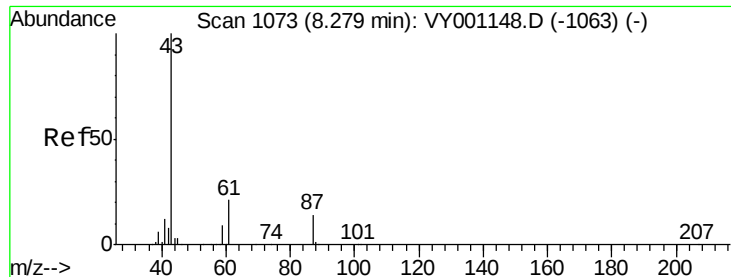
#42
1,2-Dichloroethane
Concen: 47.434 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion:	62	Resp:	108976
Ion	Ratio	Lower	Upper
62	100		
98	10.0	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: 49.029 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

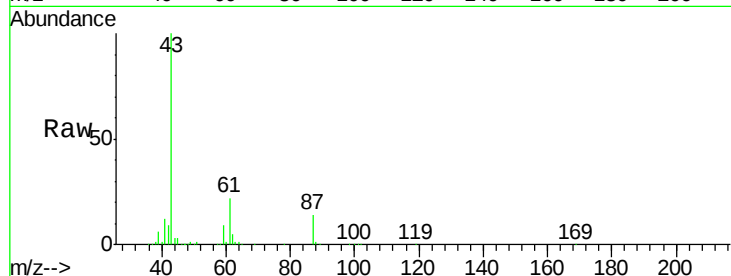
Tot Ion: 43 Resp: 154653

Ion Ratio Lower Upper

43 100

61 28.9 23.9 35.9

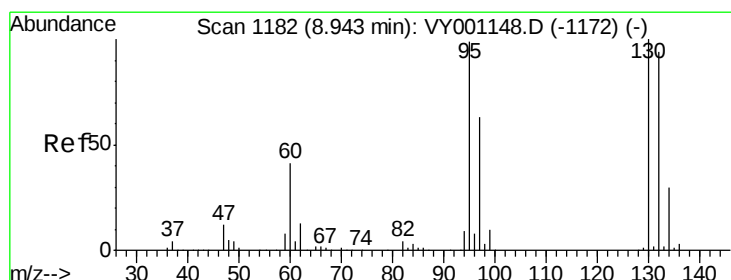
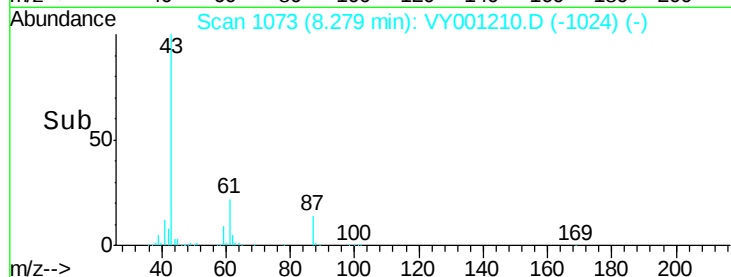
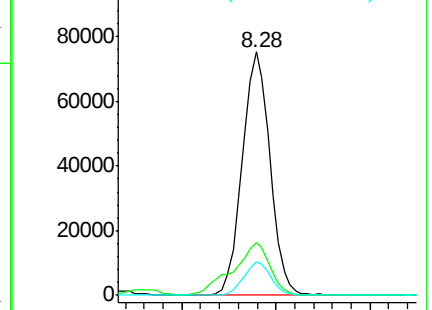
87 13.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VY001210.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY001210.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY001210.D (-1024) (-)



#44

Trichloroethene

Concen: 46.279 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY001210.D

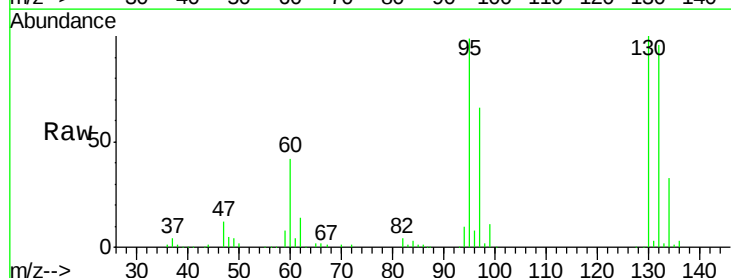
Acq: 15 Jan 2020 12:21

Tgt Ion:130 Resp: 98942

Ion Ratio Lower Upper

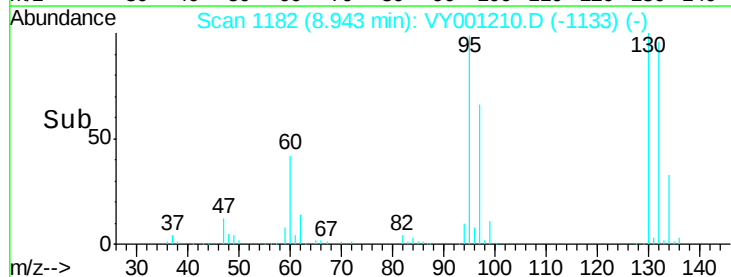
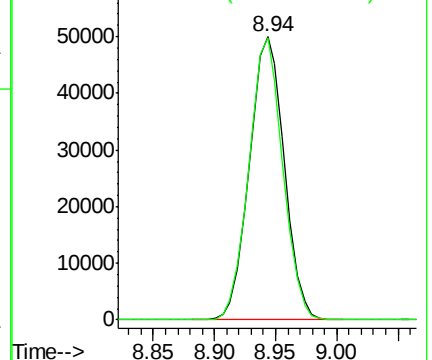
130 100

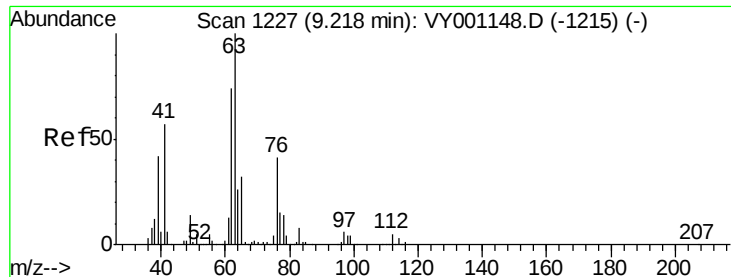
95 99.5 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): VY001210.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY001210.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 49.213 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampled :

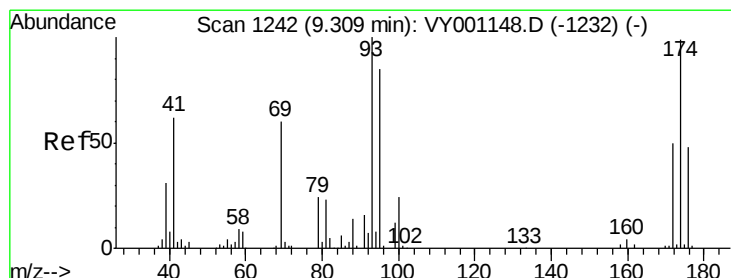
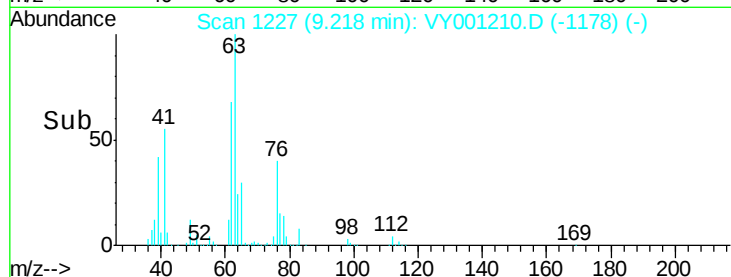
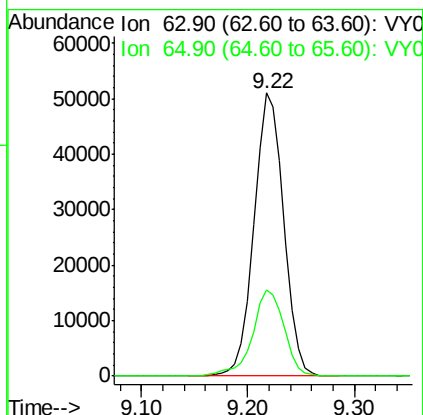
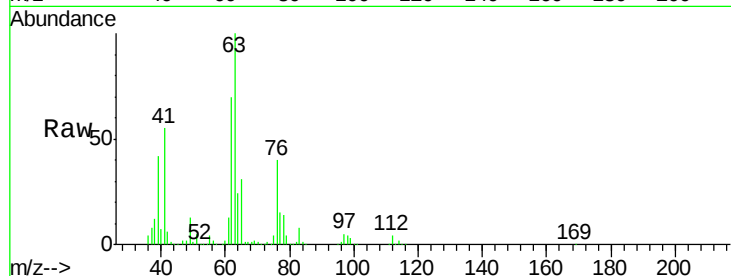
BW-1-3.0MS

Tot Ion: 63 Resp: 99823

Ion Ratio Lower Upper

63 100

65 30.5 25.8 38.8



#46

Dibromomethane

Concen: 48.281 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

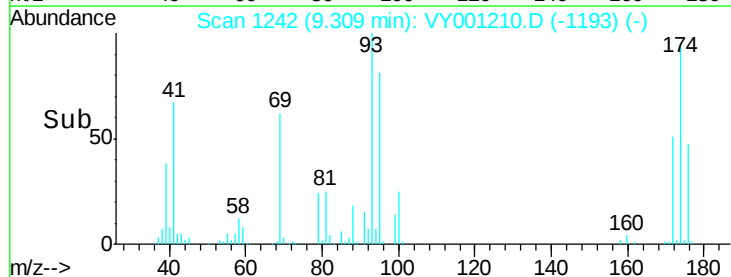
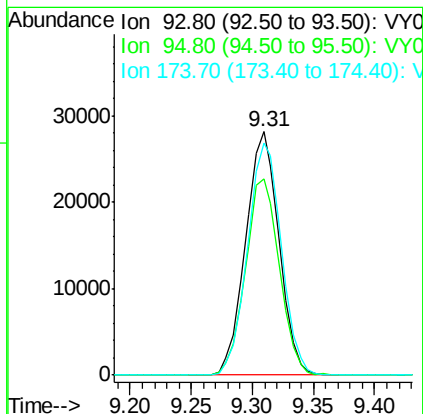
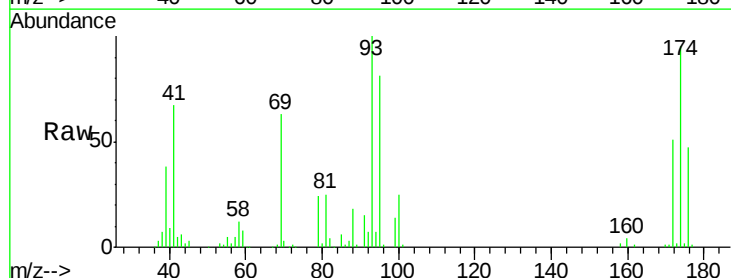
Tgt Ion: 93 Resp: 53434

Ion Ratio Lower Upper

93 100

95 82.1 66.8 100.2

174 97.0 78.4 117.6





#47

Bromodichloromethane

Concen: 46.980 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

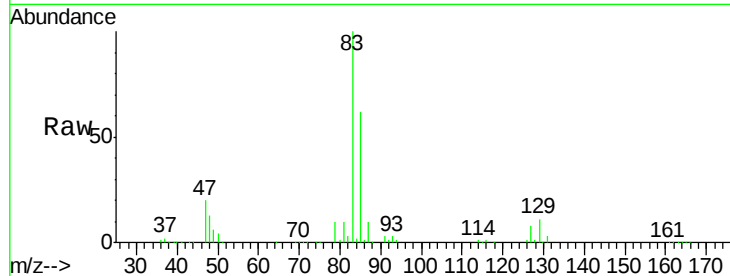
Tot Ion: 83 Resp: 126713

Ion Ratio Lower Upper

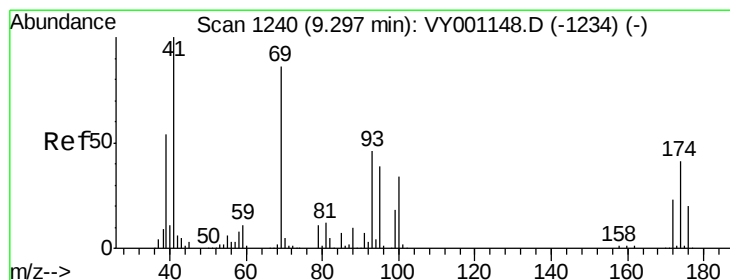
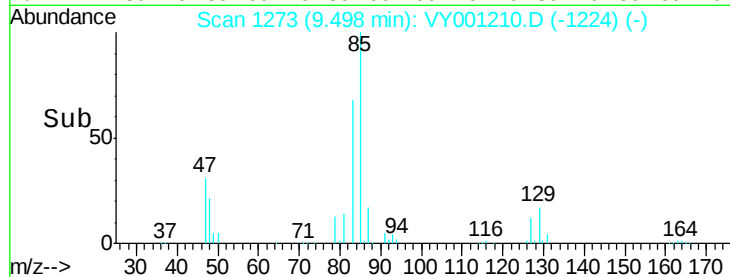
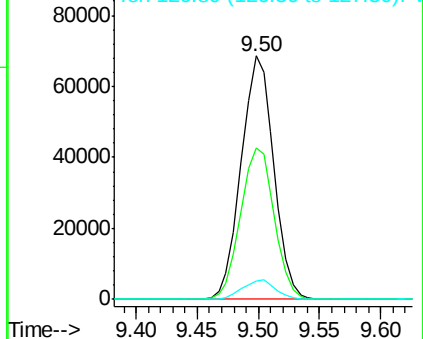
83 100

85 62.4 51.5 77.3

127 7.5 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: 47.756 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

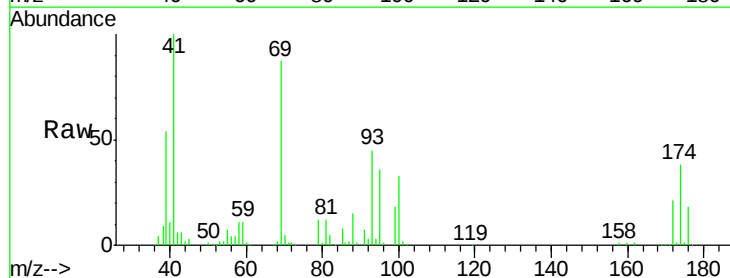
Tgt Ion: 41 Resp: 69708

Ion Ratio Lower Upper

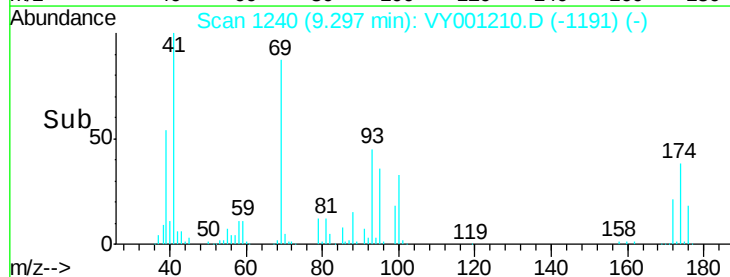
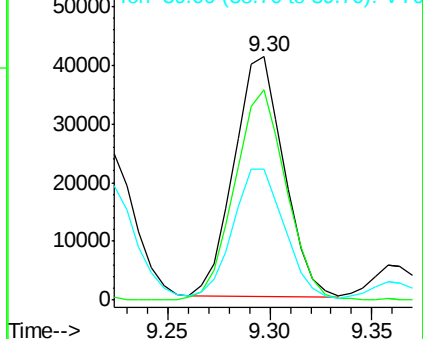
41 100

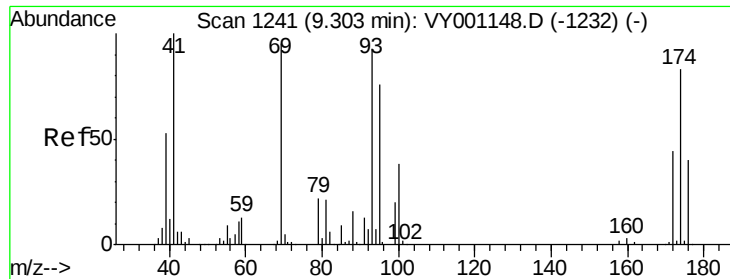
69 89.6 69.8 104.8

39 56.9 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: 1069.082 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

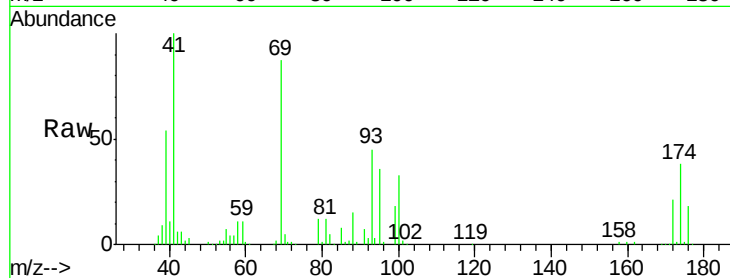
Tot Ion: 88 Resp: 14409

Ion Ratio Lower Upper

88 100

43 32.7 22.4 33.6

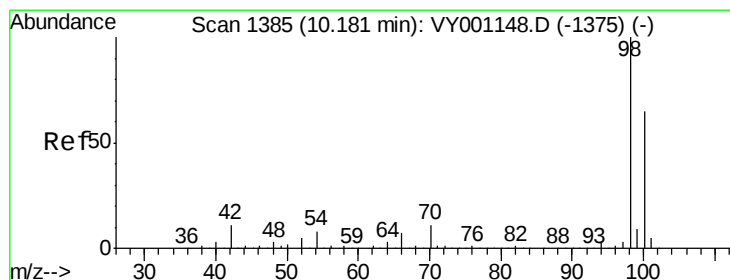
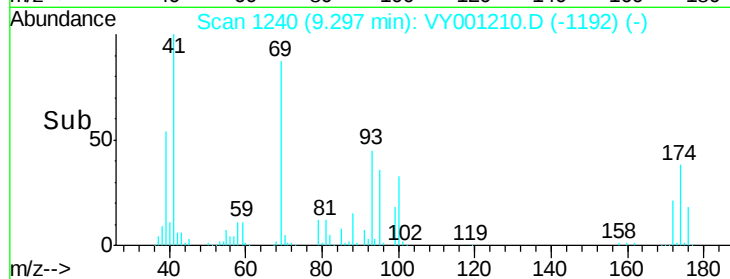
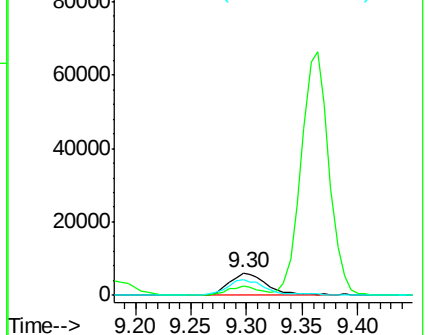
58 74.7 58.0 87.0



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: 48.472 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001210.D

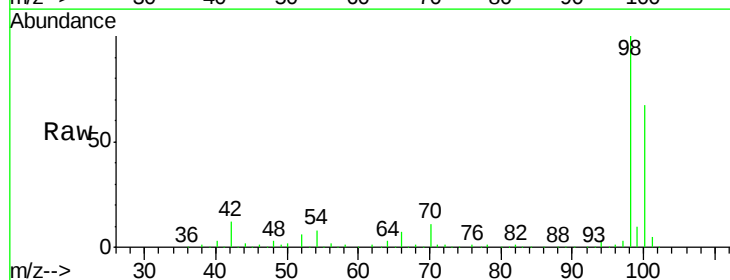
Acq: 15 Jan 2020 12:21

Tgt Ion: 98 Resp: 337231

Ion Ratio Lower Upper

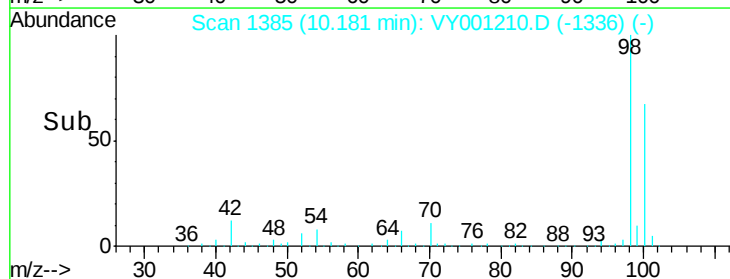
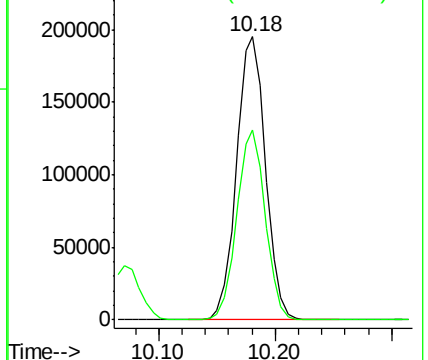
98 100

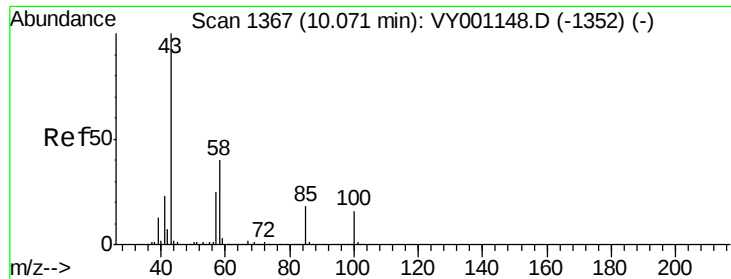
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

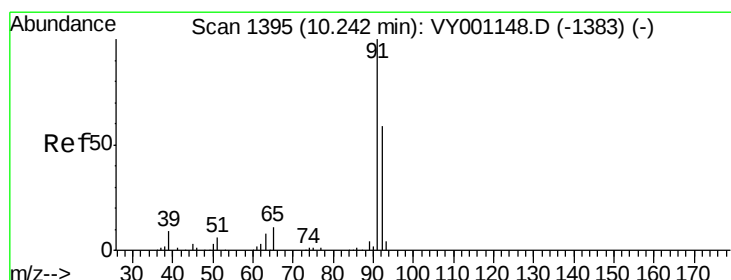
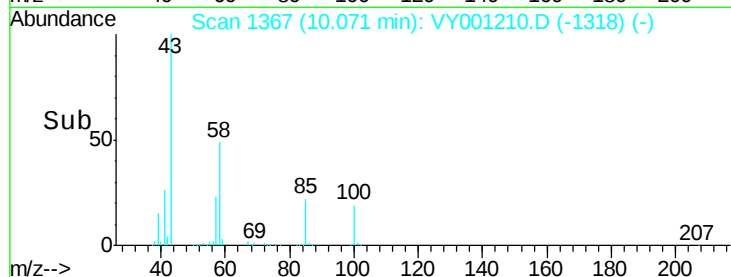
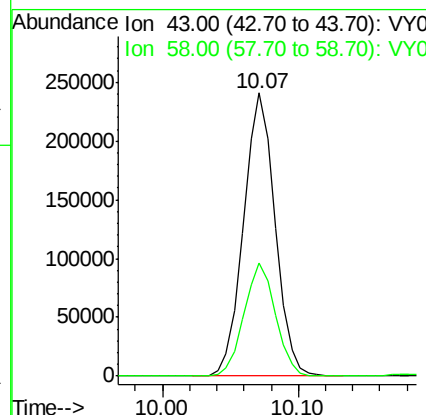
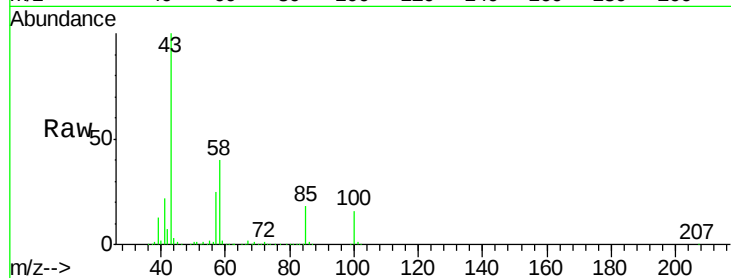




#51
4-Methyl-2-Pentanone
Concen: 243.089 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

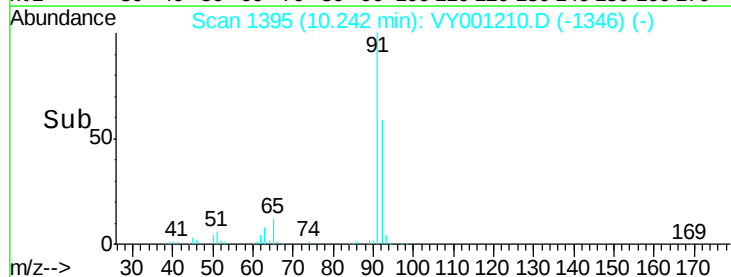
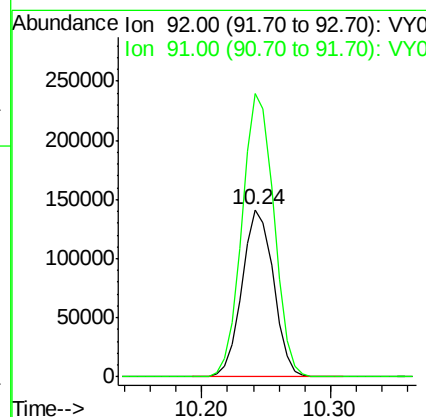
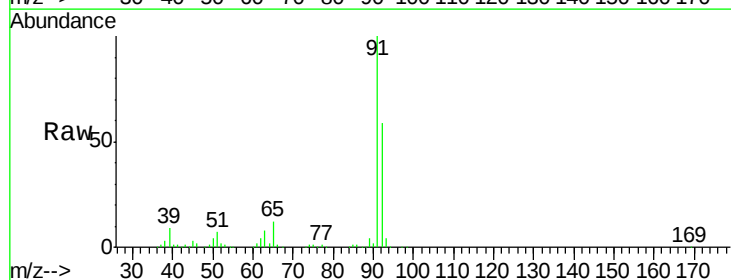
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

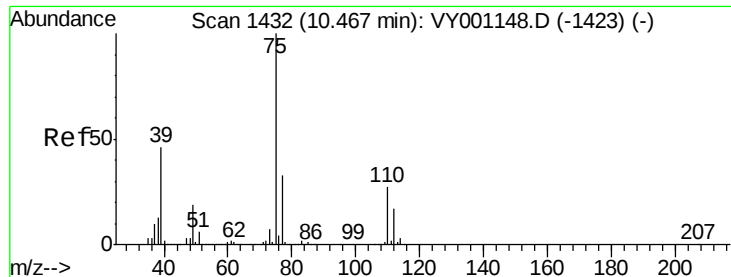
Tot Ion: 43 Resp: 389069
Ion Ratio Lower Upper
43 100
58 40.1 32.3 48.5



#52
Toluene
Concen: 45.654 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 92 Resp: 238911
Ion Ratio Lower Upper
92 100
91 171.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 46.026 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

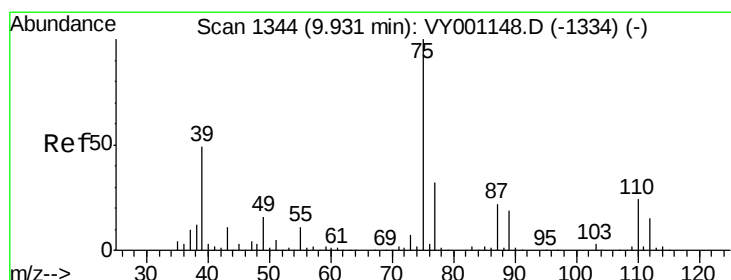
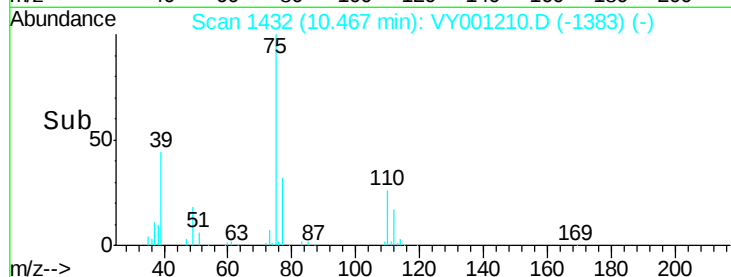
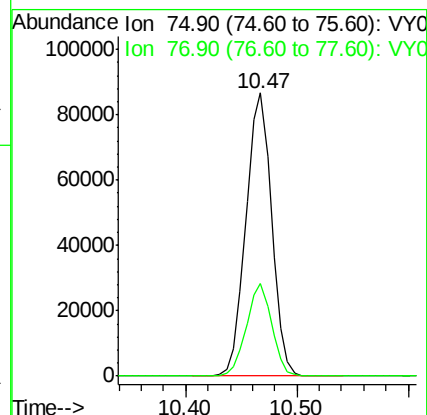
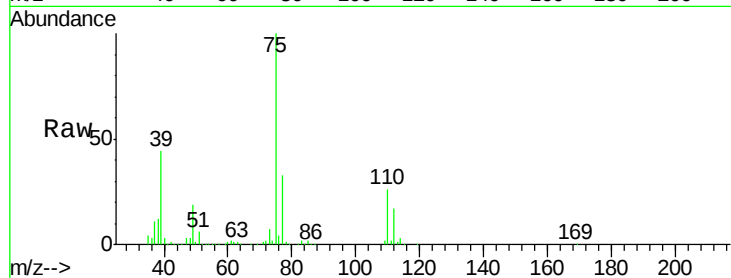
BW-1-3.0MS

Tot Ion: 75 Resp: 138914

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 47.251 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

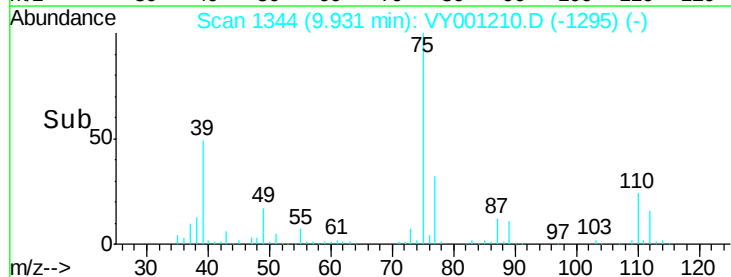
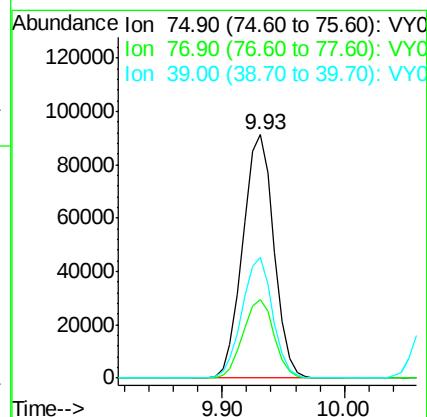
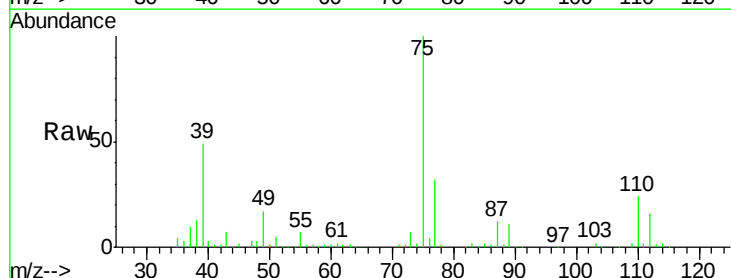
Tgt Ion: 75 Resp: 160787

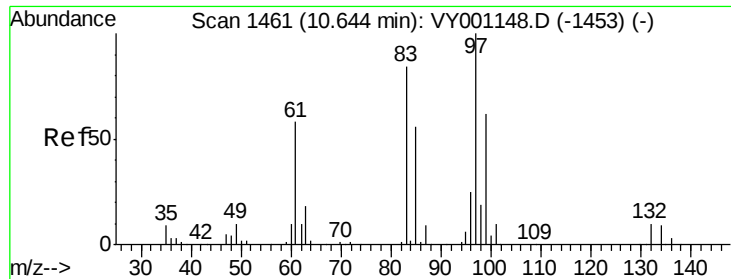
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 49.3 39.1 58.7

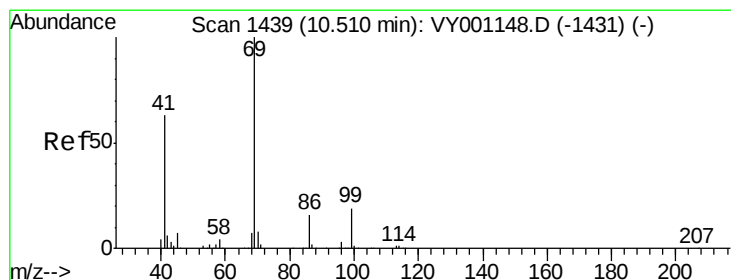
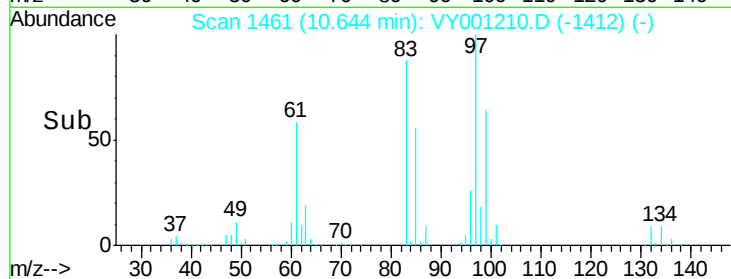
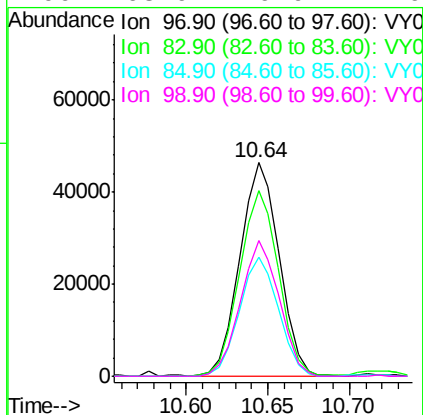
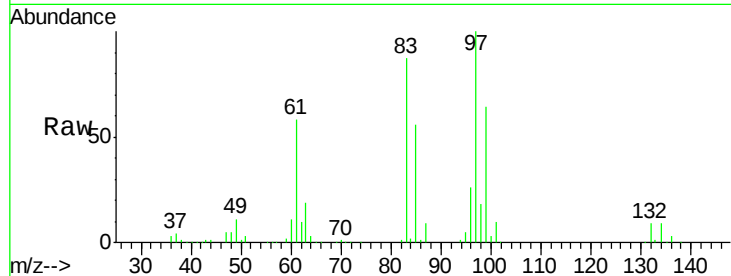




#55
 1,1,2-Trichloroethane
 Concen: 47.138 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

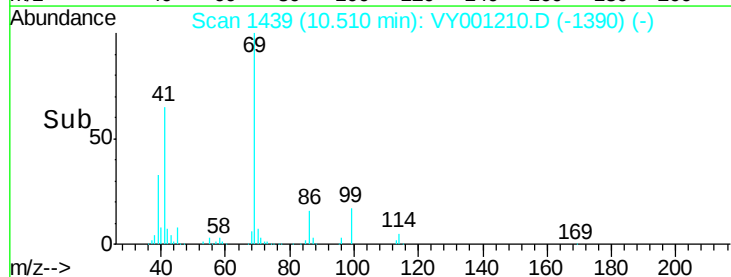
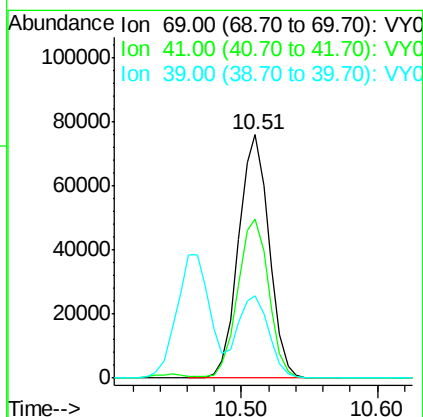
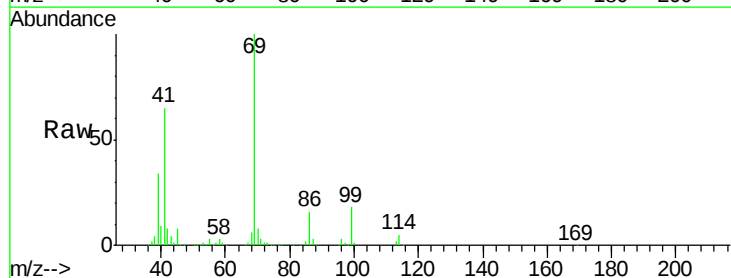
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MS

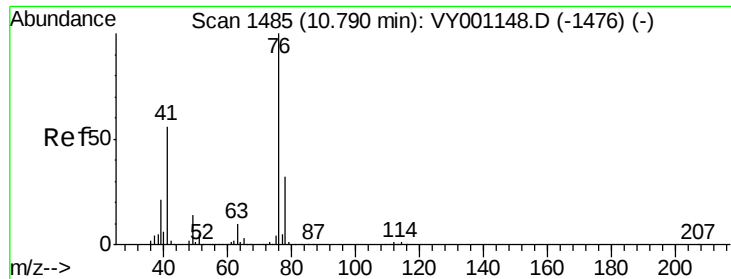
Tot Ion: 97 Resp: 77340
 Ion Ratio Lower Upper
 97 100
 83 87.3 67.2 100.8
 85 55.7 44.9 67.3
 99 63.9 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 47.189 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

Tgt Ion: 69 Resp: 118433
 Ion Ratio Lower Upper
 69 100
 41 65.8 51.4 77.2
 39 35.2 26.3 39.5

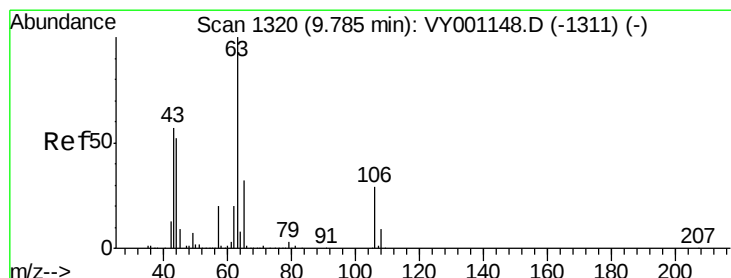
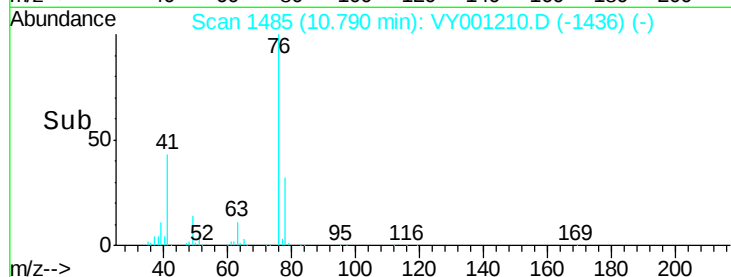
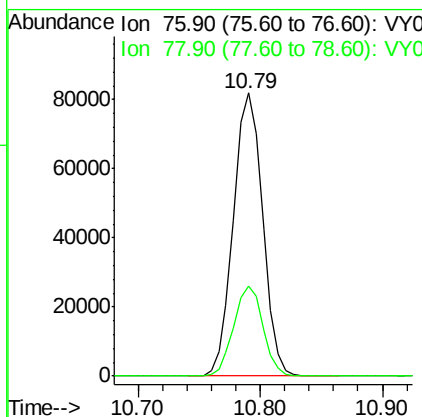
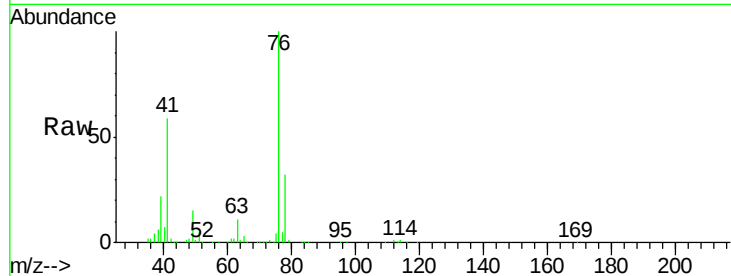




#57
 1,3-Dichloropropane
 Concen: 48.157 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

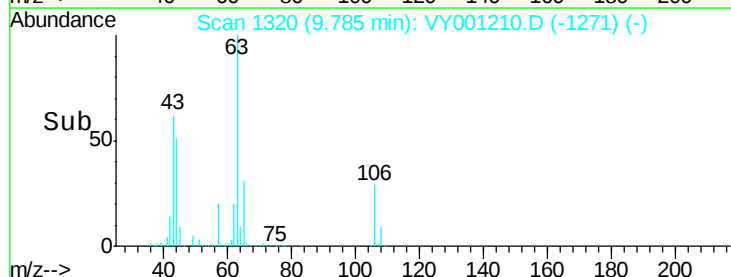
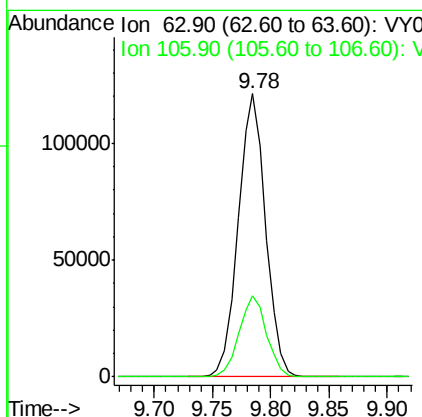
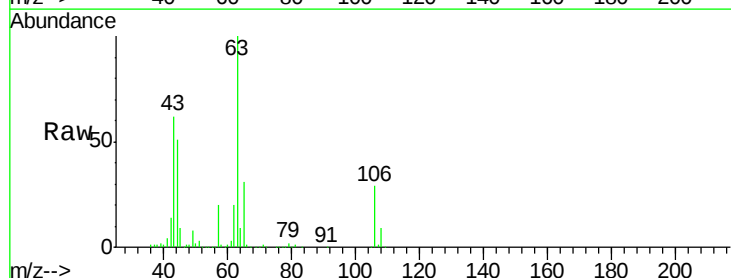
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MS

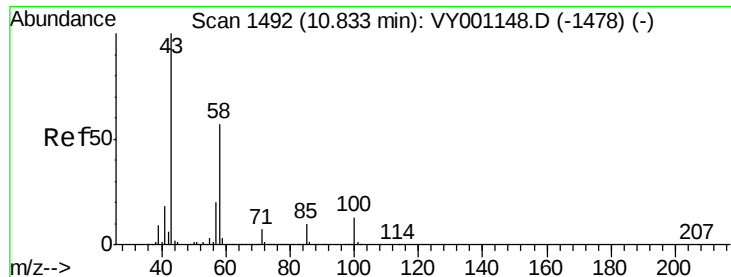
Tot Ion: 76 Resp: 135643
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 224.167 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

Tgt Ion: 63 Resp: 197874
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.0 34.6

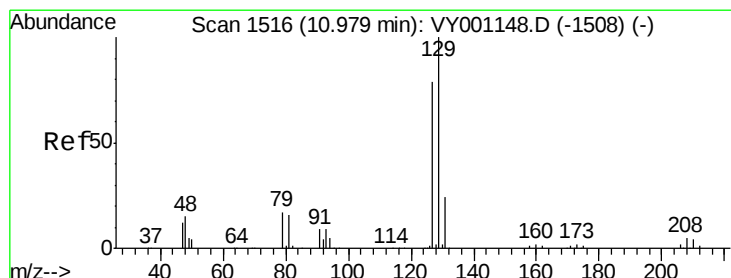
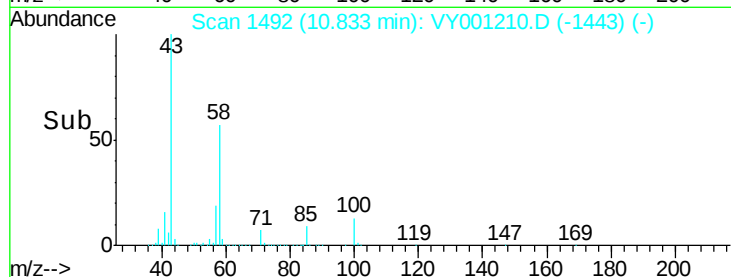
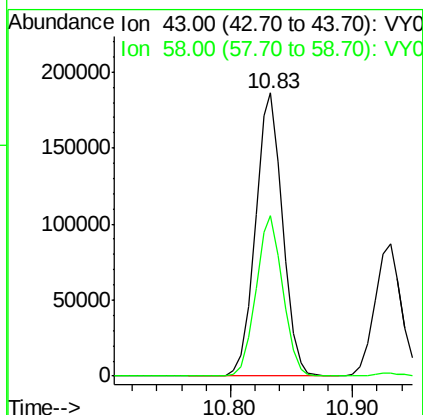
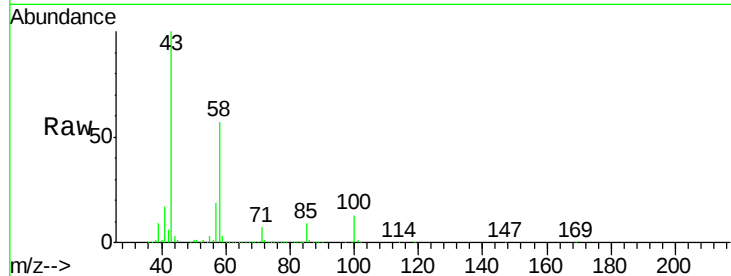




#59
2-Hexanone
Concen: 256.297 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

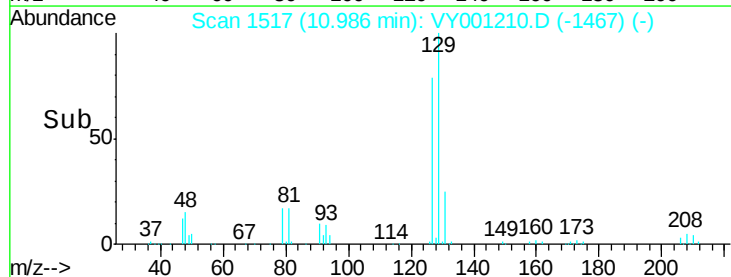
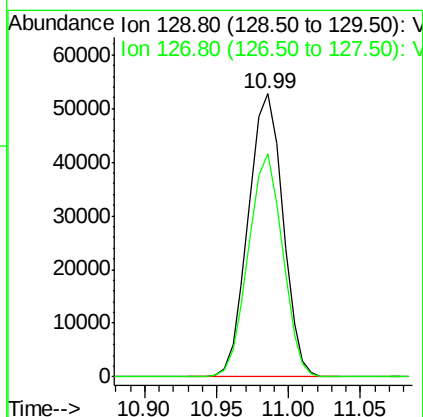
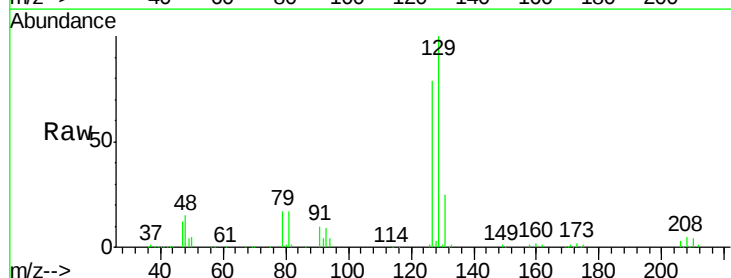
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

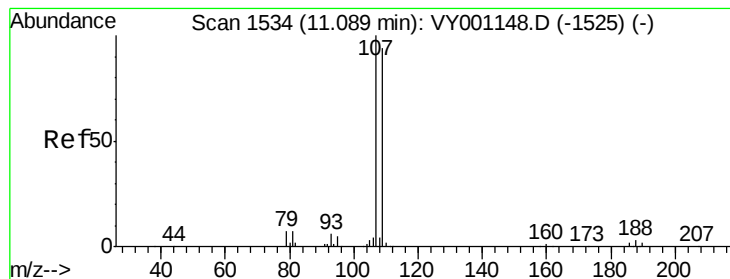
Tot Ion: 43 Resp: 287488
Ion Ratio Lower Upper
43 100
58 55.9 28.4 85.2



#60
Dibromochloromethane
Concen: 46.607 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 129 Resp: 88044
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 45.890 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

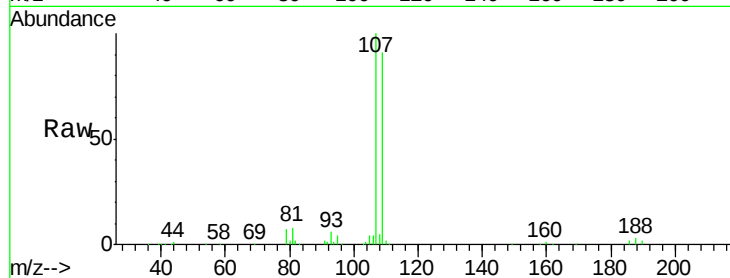
BW-1-3.0MS

Tot Ion:107 Resp: 73519

Ion Ratio Lower Upper

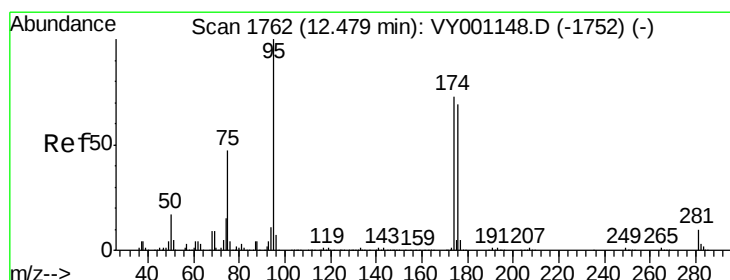
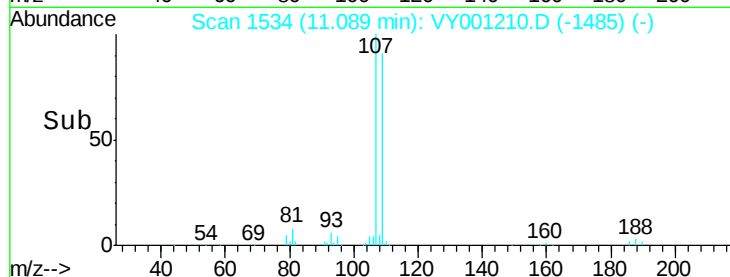
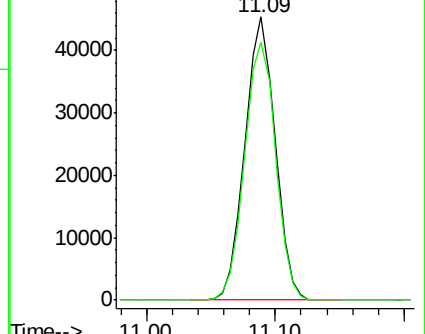
107 100

109 93.7 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 39.908 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

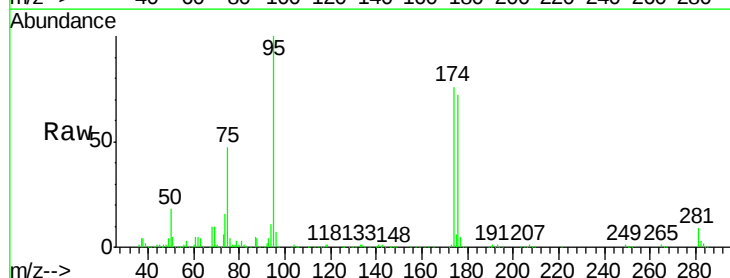
Tgt Ion: 95 Resp: 113513

Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.2

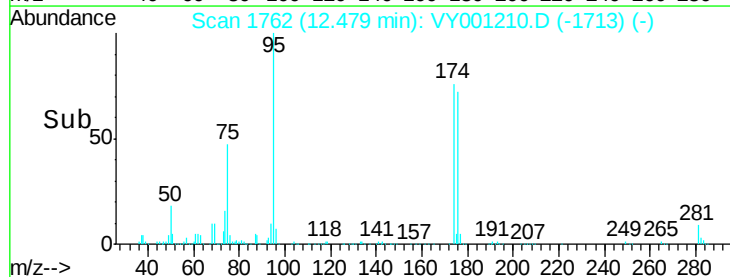
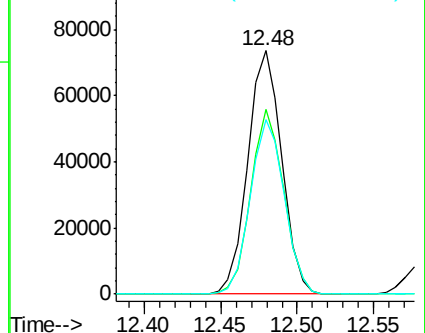
176 71.9 0.0 136.0

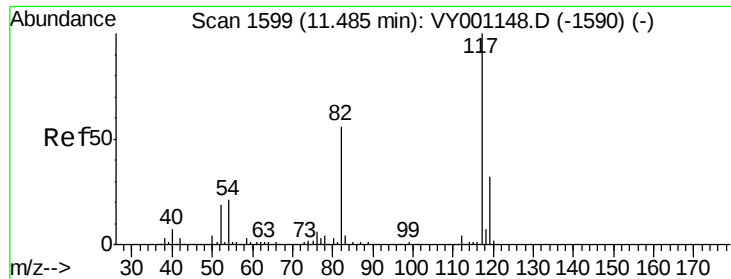


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

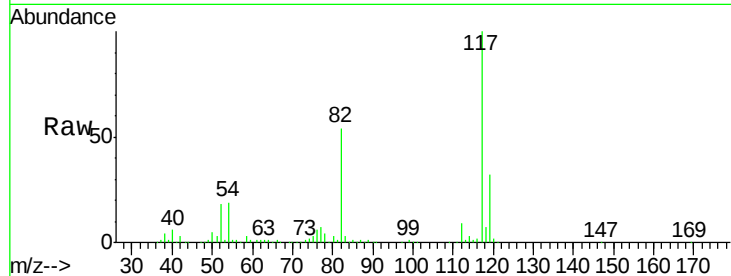




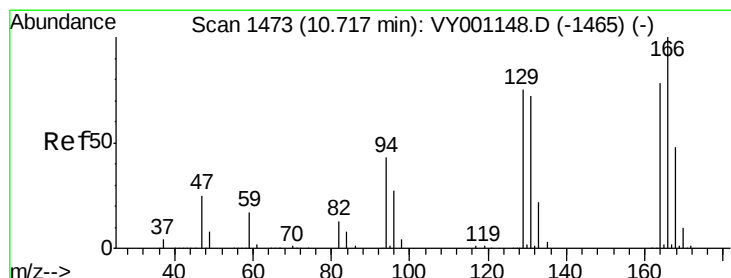
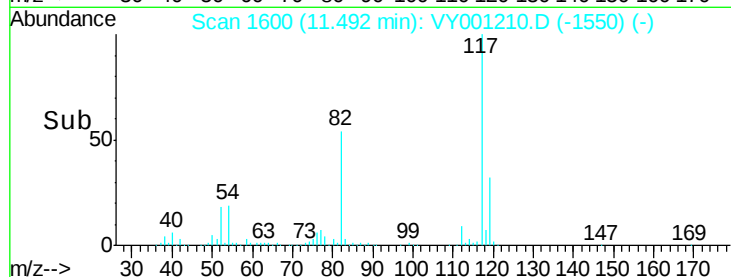
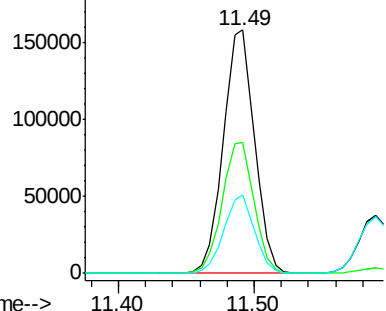
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

Tot Ion:117 Resp: 256172
Ion Ratio Lower Upper
117 100
82 54.0 44.9 67.3
119 32.0 25.7 38.5

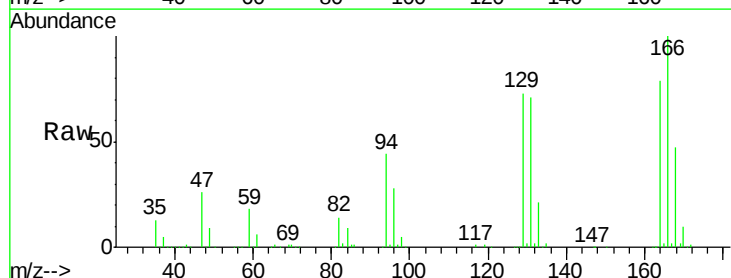


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

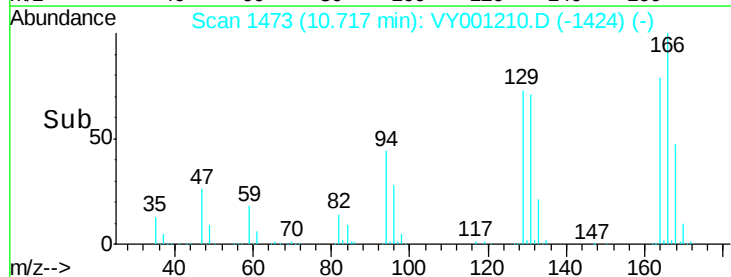
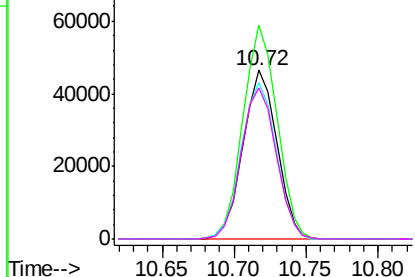


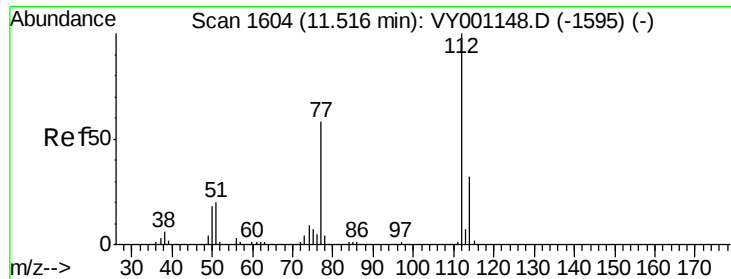
#64
Tetrachloroethene
Concen: 45.864 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion:164 Resp: 75737
Ion Ratio Lower Upper
164 100
166 126.7 102.3 153.5
129 92.9 76.2 114.4
131 90.0 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

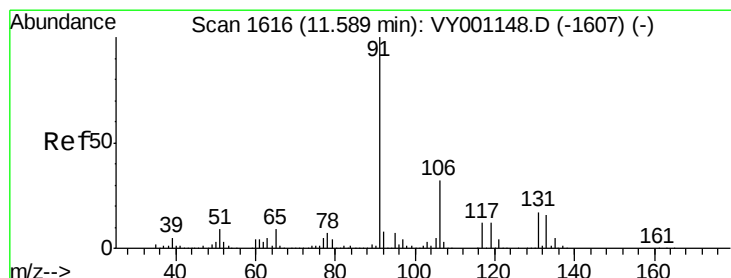
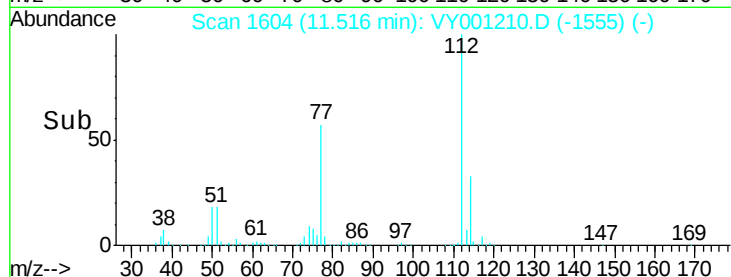
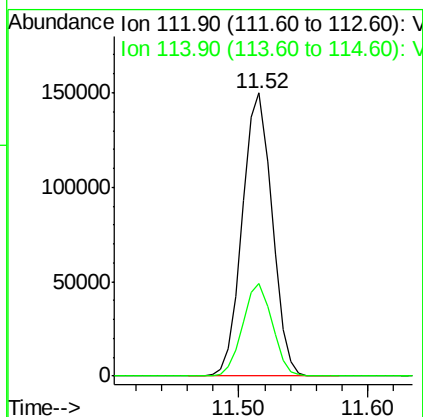
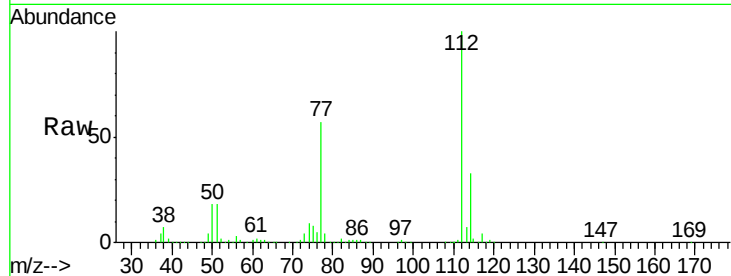




#65
Chlorobenzene
Concen: 46.737 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

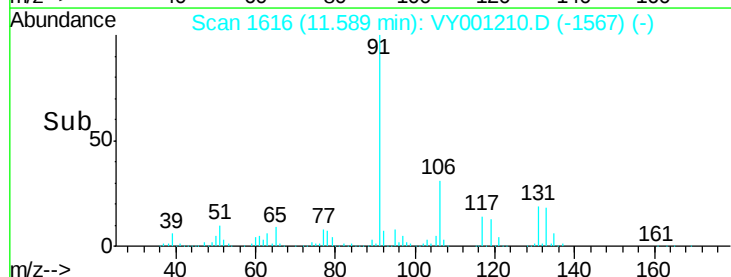
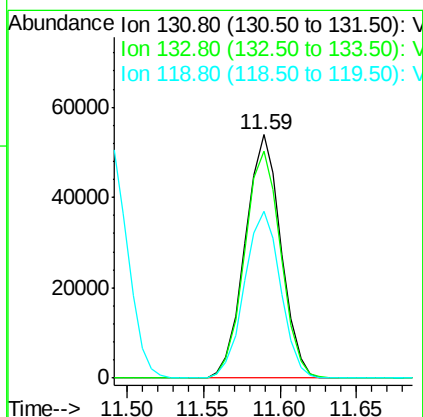
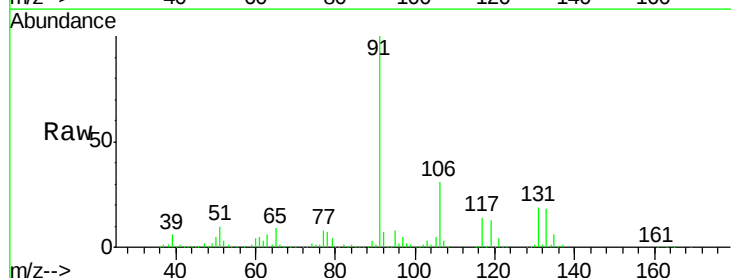
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

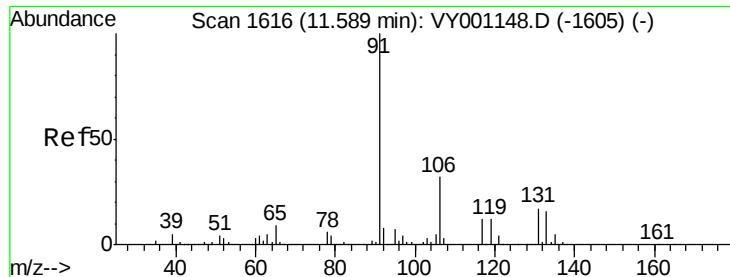
Tot Ion:112 Resp: 239235
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.667 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion:131 Resp: 87622
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 69.2 33.6 100.8

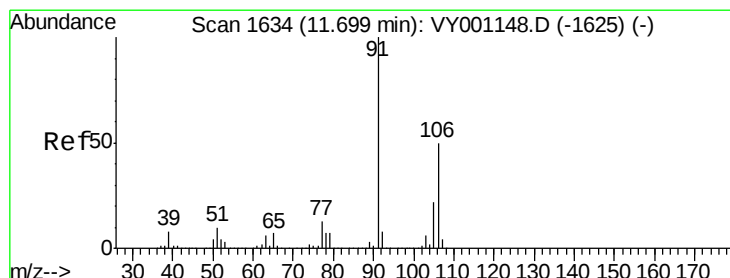
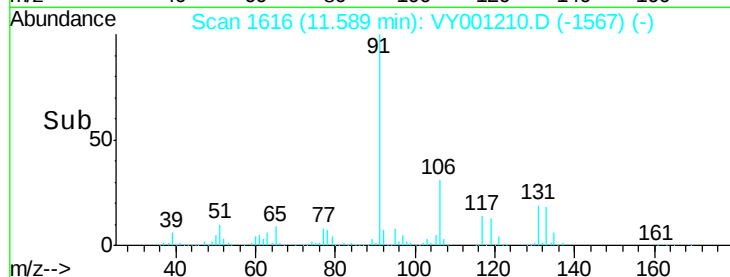
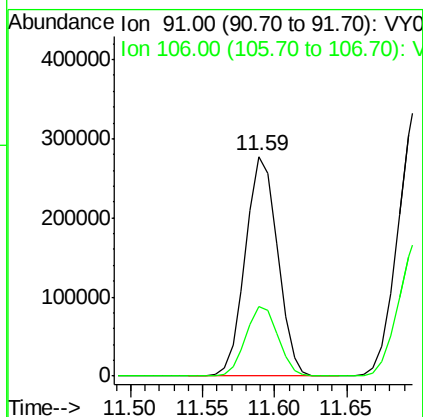
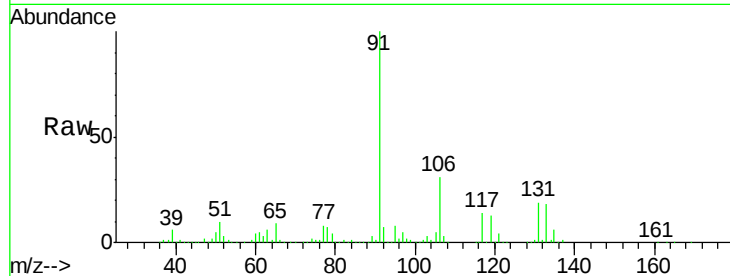




#67
Ethyl Benzene
Concen: 45.935 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

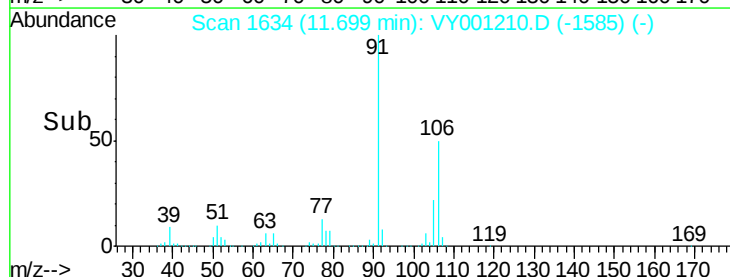
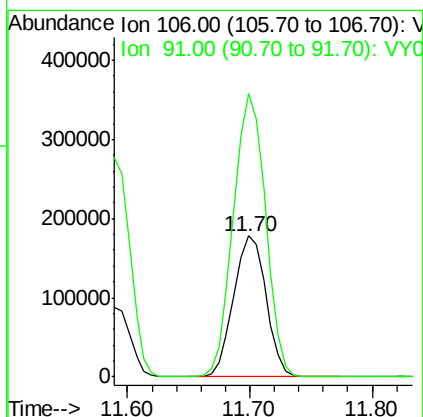
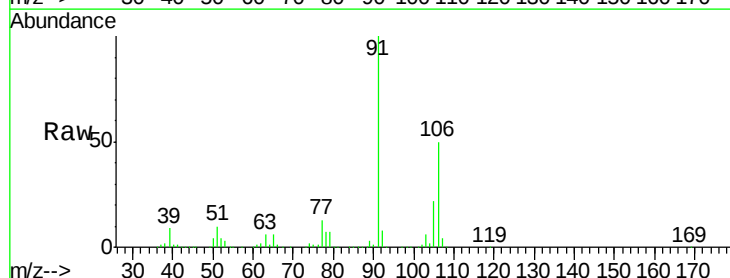
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

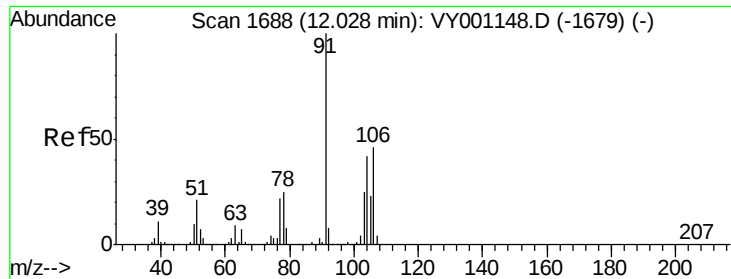
Tot Ion: 91 Resp: 430126
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 92.636 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 106 Resp: 327216
Ion Ratio Lower Upper
106 100
91 199.6 161.4 242.2

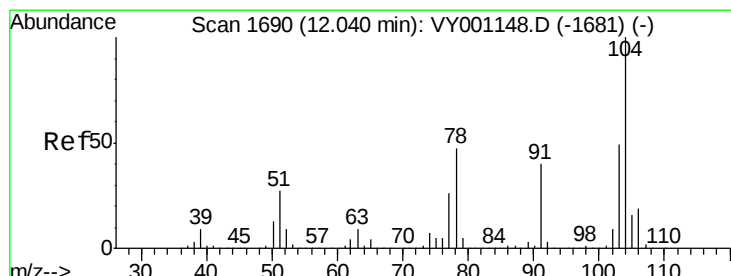
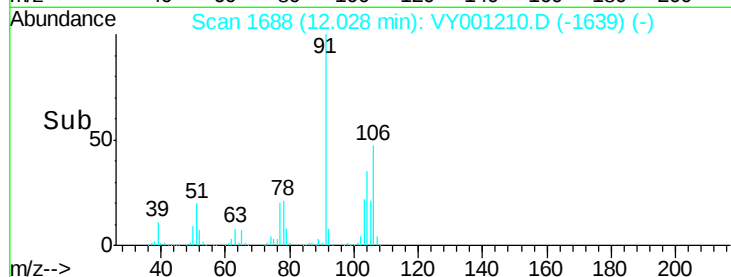
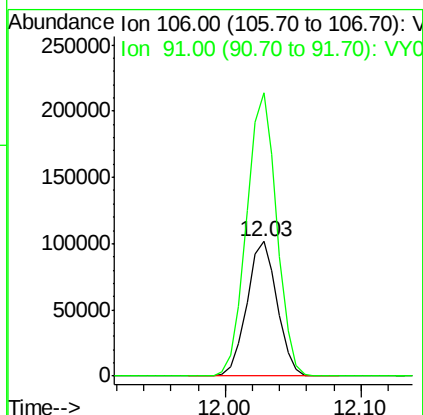
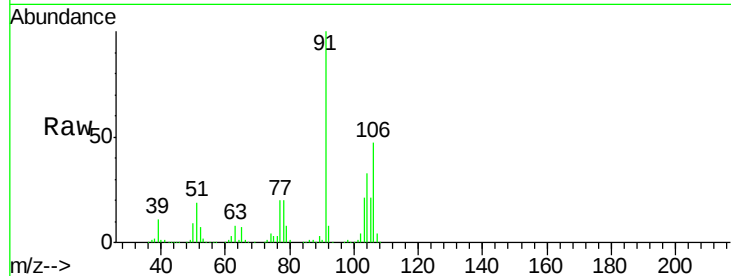




#69
o-Xylene
Concen: 46.691 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

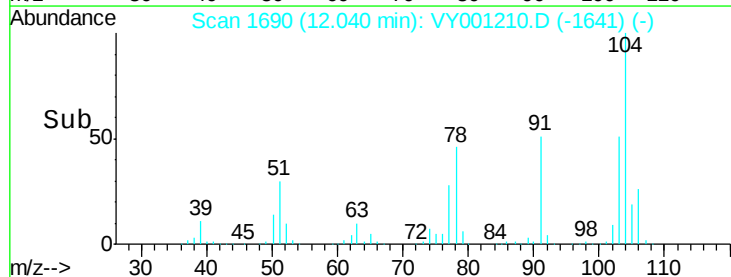
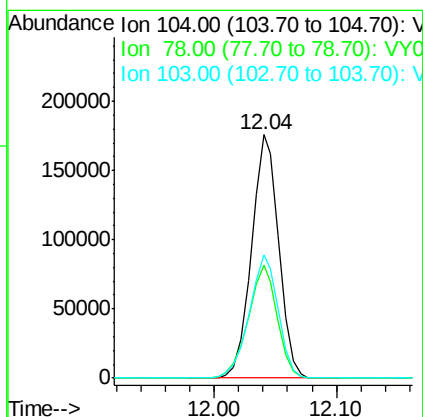
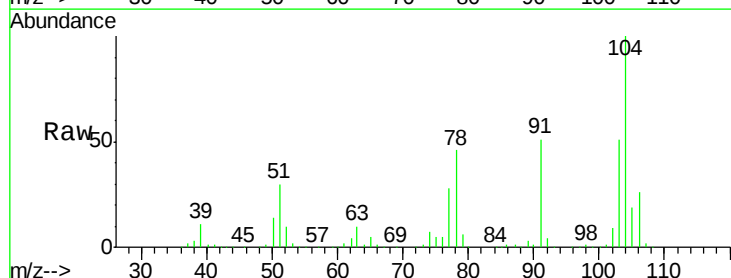
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

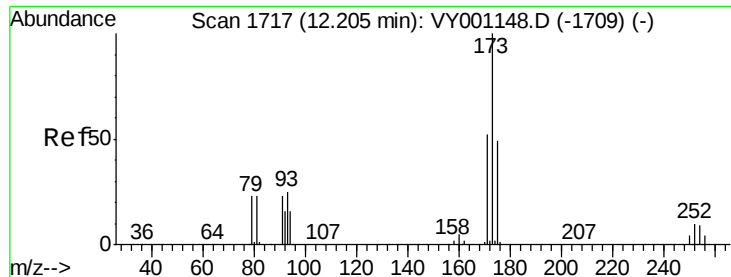
Tot Ion:106 Resp: 158128
Ion Ratio Lower Upper
106 100
91 209.5 106.3 318.8



#70
Styrene
Concen: 45.738 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion:104 Resp: 271786
Ion Ratio Lower Upper
104 100
78 49.4 40.5 60.7
103 53.7 42.4 63.6





#71

Bromoform

Concen: 47.840 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

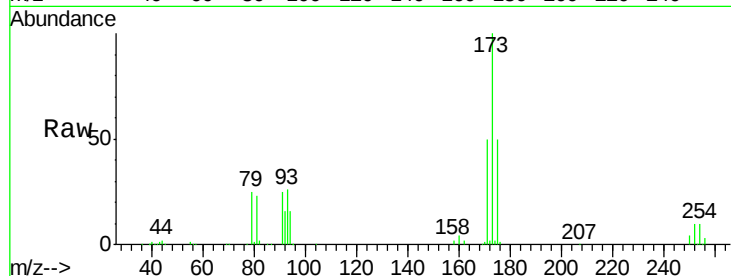
Tot Ion:173 Resp: 52049

Ion Ratio Lower Upper

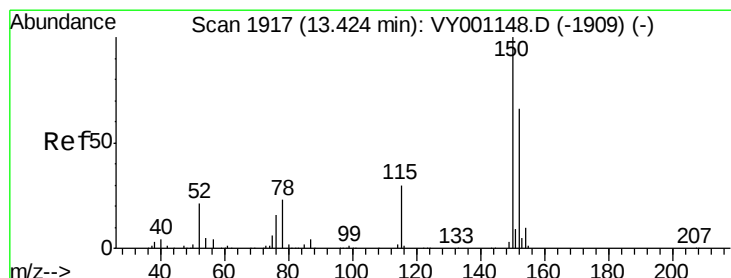
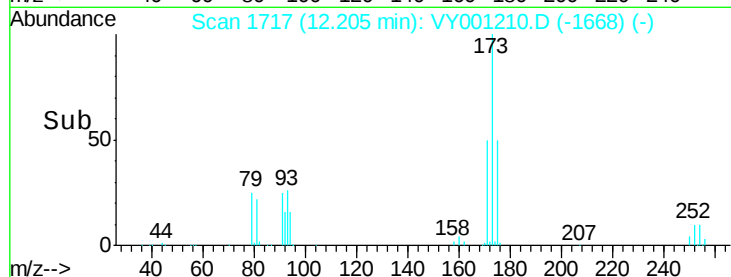
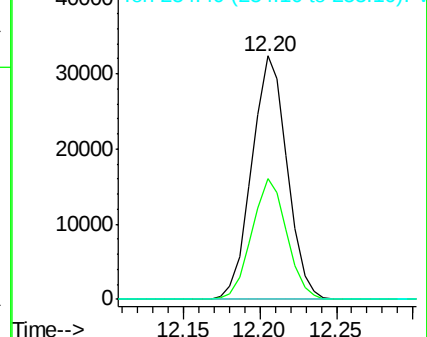
173 100

175 49.1 24.1 72.2

254 0.1 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: VY001210.D

Acq: 15 Jan 2020 12:21

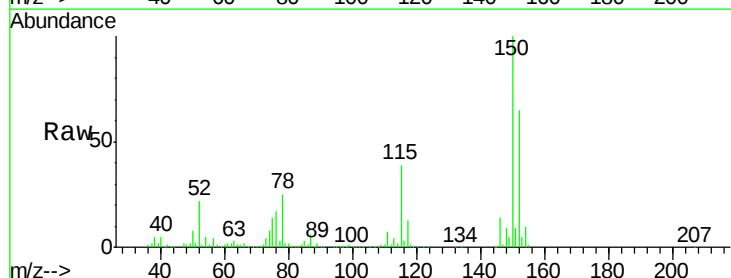
Tgt Ion:152 Resp: 101140

Ion Ratio Lower Upper

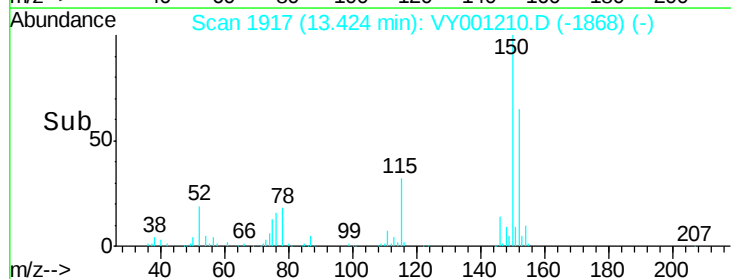
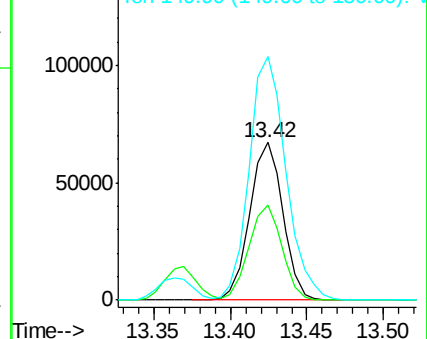
152 100

115 60.0 30.9 92.5

150 171.8 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: 51.769 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampled :

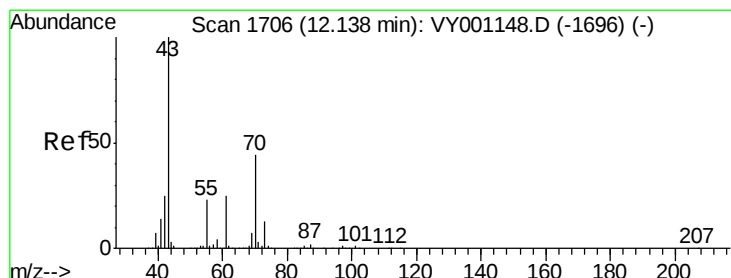
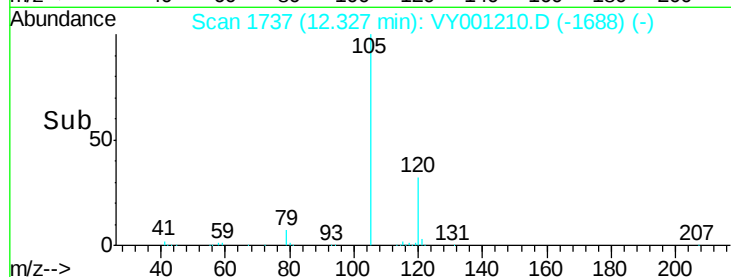
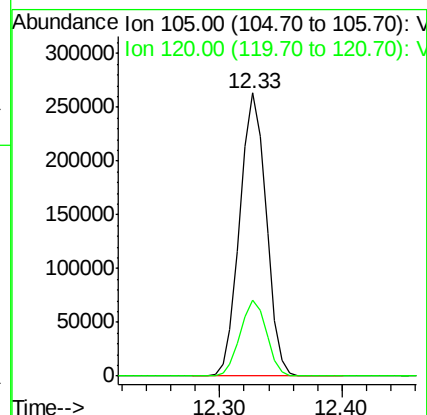
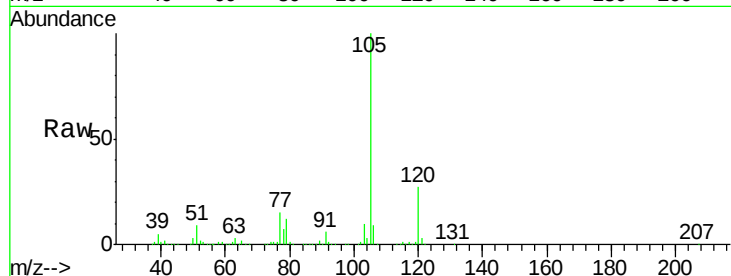
BW-1-3.0MS

Tot Ion:105 Resp: 393623

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 60.233 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Tgt Ion: 43 Resp: 142927

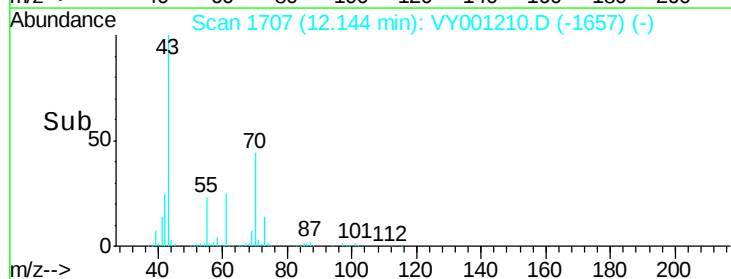
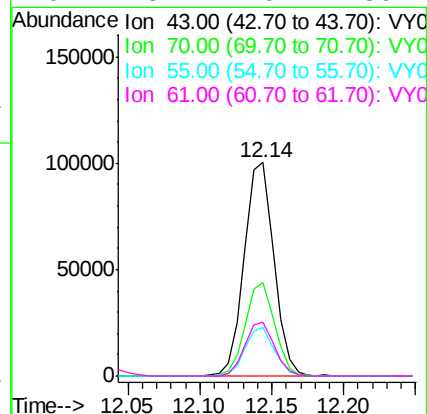
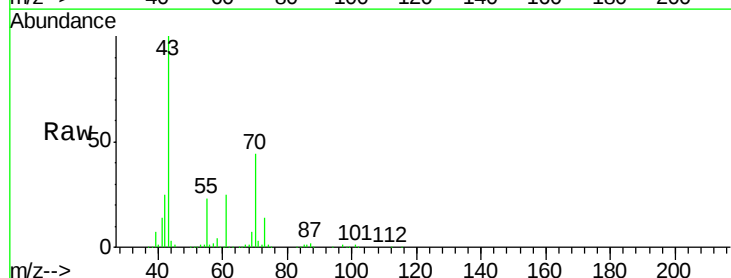
Ion Ratio Lower Upper

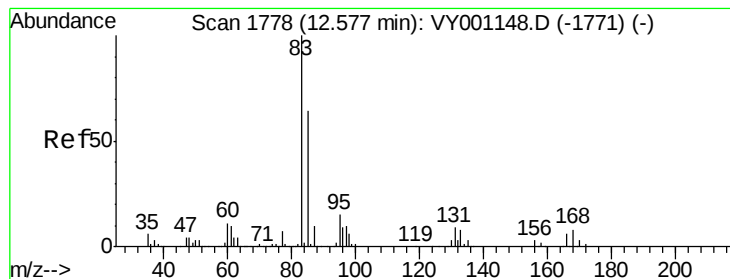
43 100

70 43.2 35.0 52.6

55 22.6 18.4 27.6

61 25.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 58.361 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

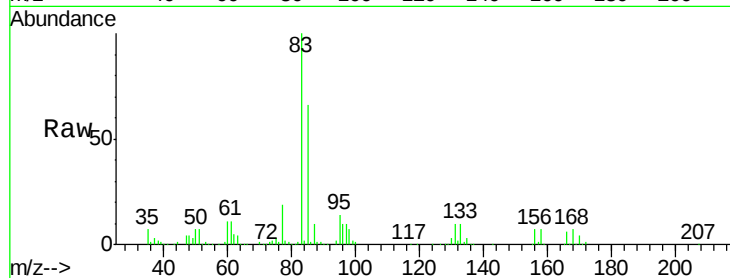
Tot Ion: 83 Resp: 93361

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 63.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VY001210.D (-1779) (-)

Ion 130.80 (130.50 to 131.50): VY001210.D (-1779) (-)

Ion 84.90 (84.60 to 85.60): VY001210.D (-1779) (-)

12.58

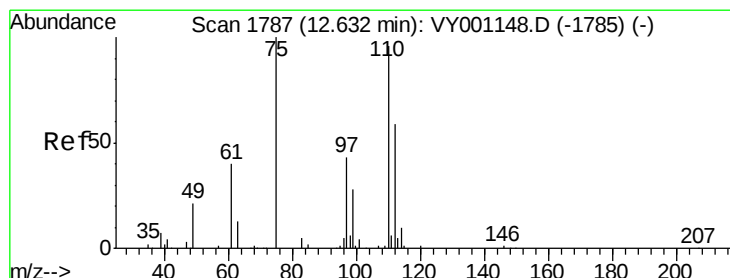
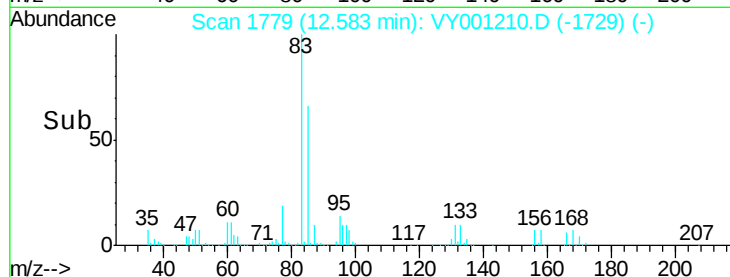
60000

40000

20000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.580 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY001210.D

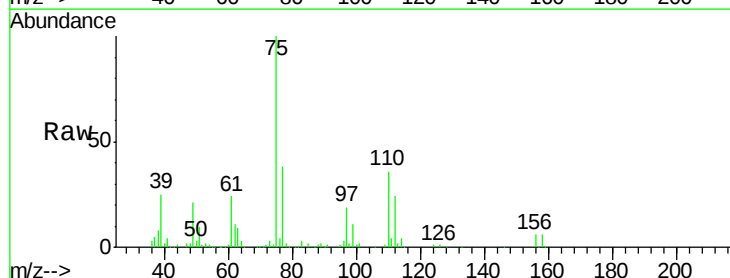
Acq: 15 Jan 2020 12:21

Tgt Ion: 75 Resp: 63425

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001210.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY001210.D (-1787) (-)

12.63

120000

100000

80000

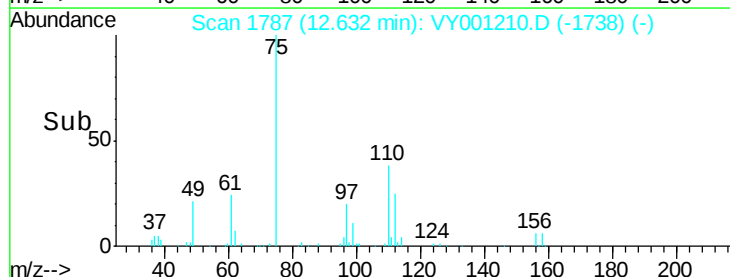
60000

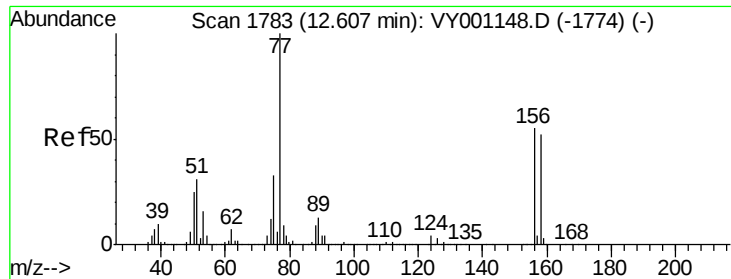
40000

20000

0

Time-->

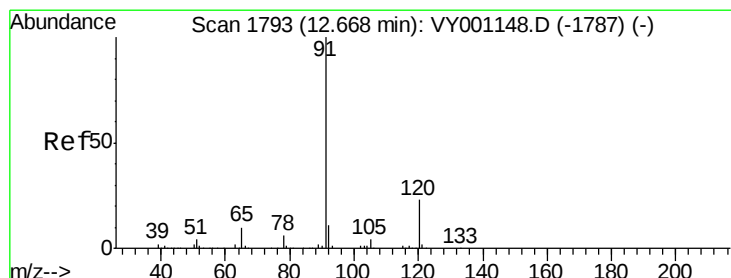
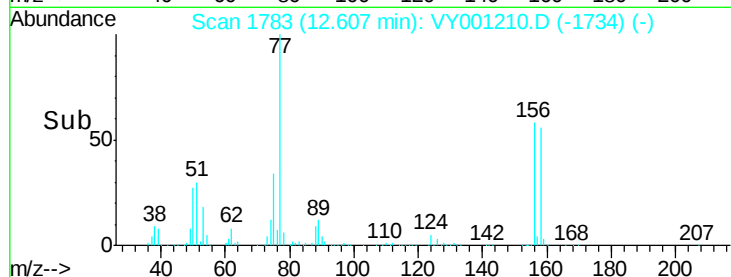
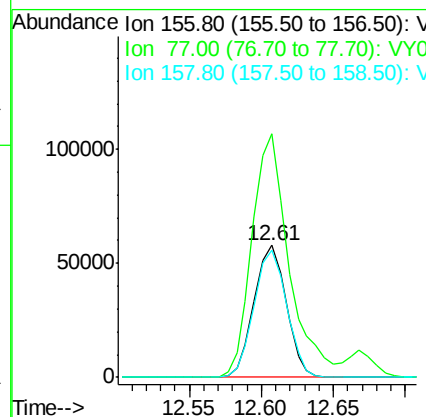
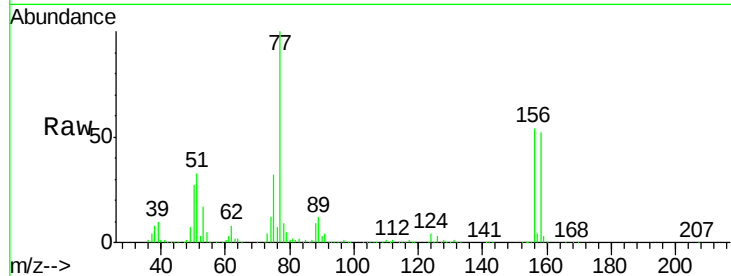




#77
Bromobenzene
Concen: 53.632 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

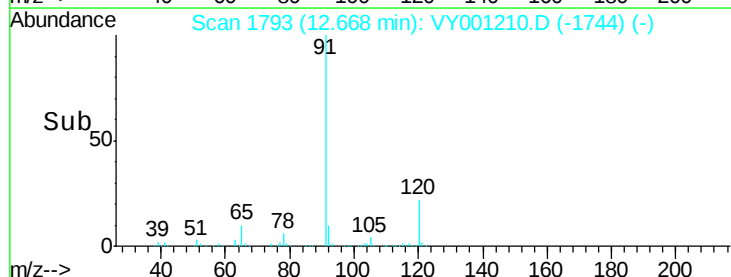
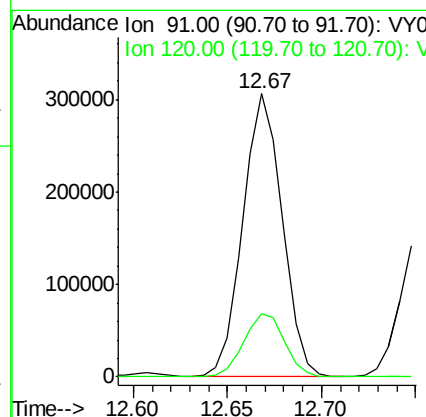
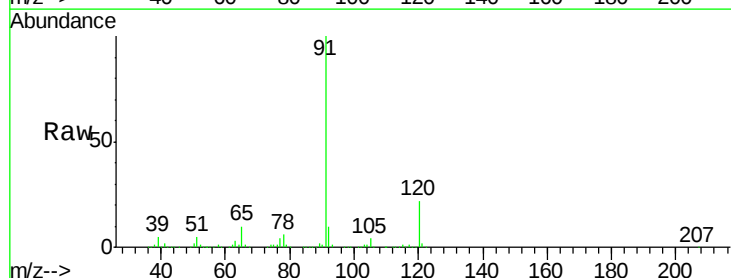
Instrument :
MSVOA_Y
ClientSampled :
BW-1-3.0MS

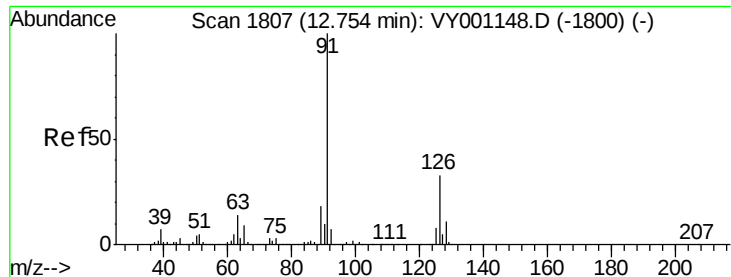
Tot Ion:156 Resp: 90107
Ion Ratio Lower Upper
156 100
77 209.8 106.7 320.1
158 97.5 48.3 144.8



#78
n-propylbenzene
Concen: 48.444 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 91 Resp: 443056
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.328 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

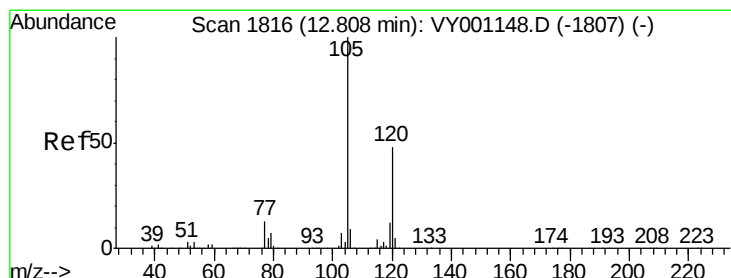
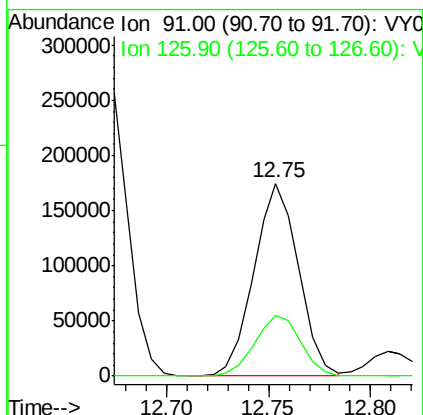
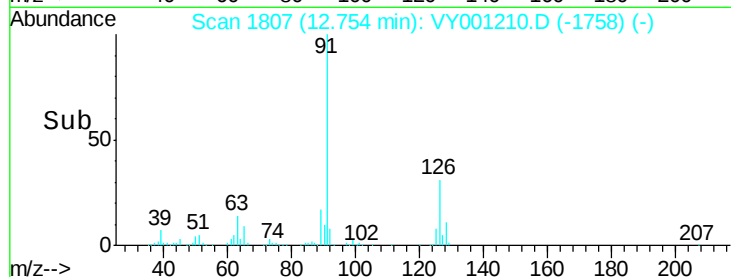
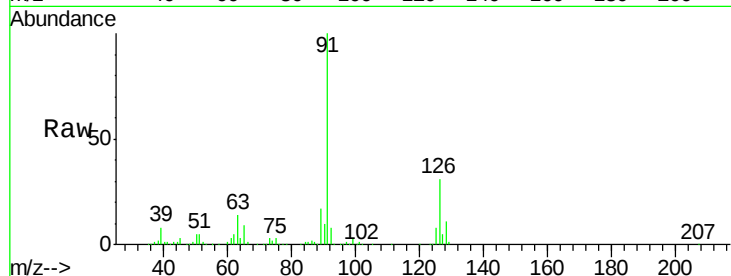
BW-1-3.0MS

Tot Ion: 91 Resp: 264344

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 49.399 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001210.D

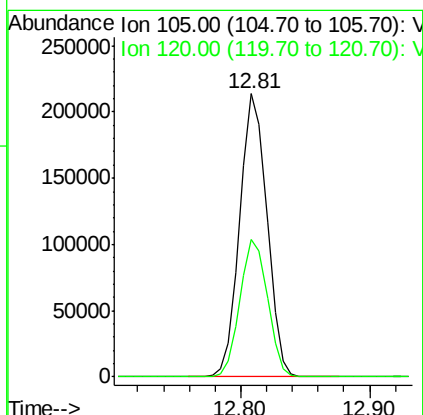
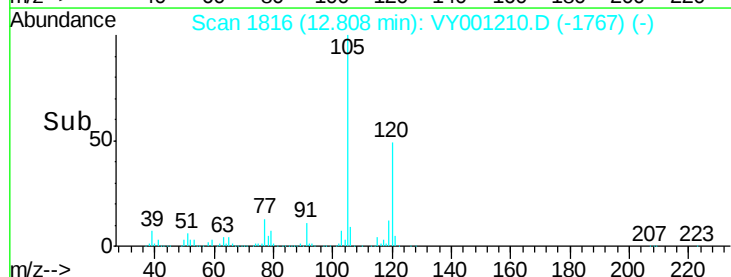
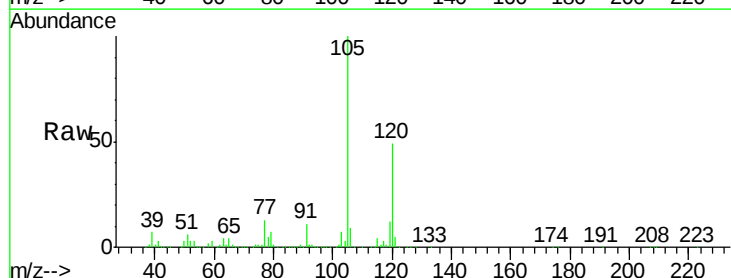
Acq: 15 Jan 2020 12:21

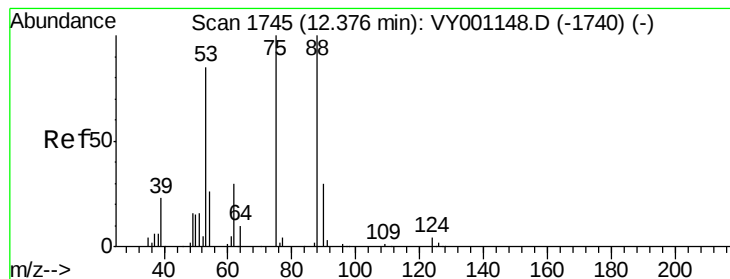
Tgt Ion: 105 Resp: 313390

Ion Ratio Lower Upper

105 100

120 49.3 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 56.806 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

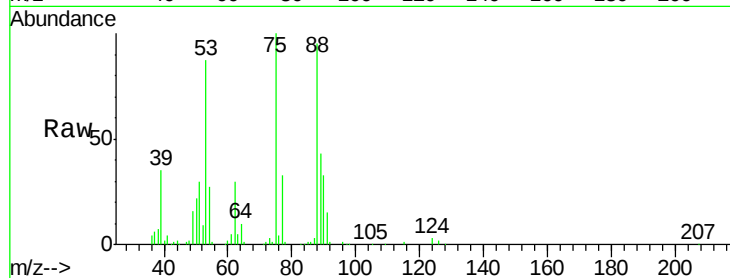
Tot Ion: 75 Resp: 36269

Ion Ratio Lower Upper

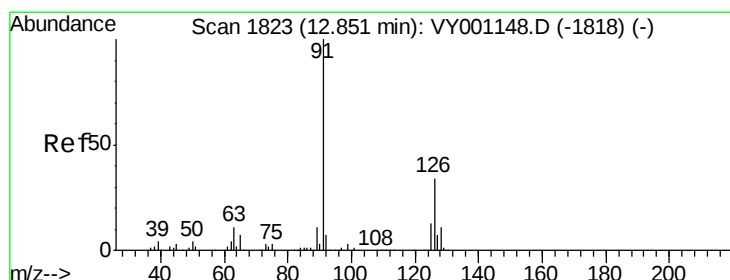
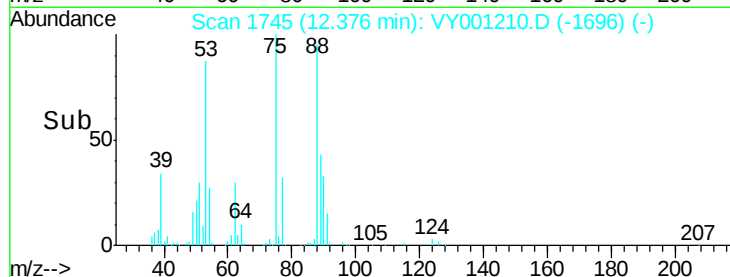
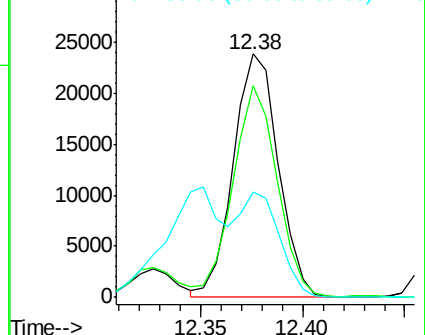
75 100

53 85.6 69.4 104.2

89 39.1 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: 48.478 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY001210.D

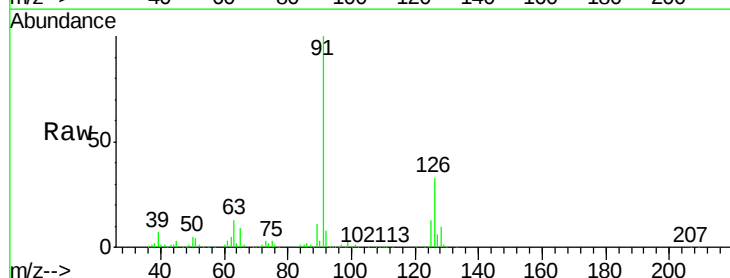
Acq: 15 Jan 2020 12:21

Tgt Ion: 91 Resp: 271836

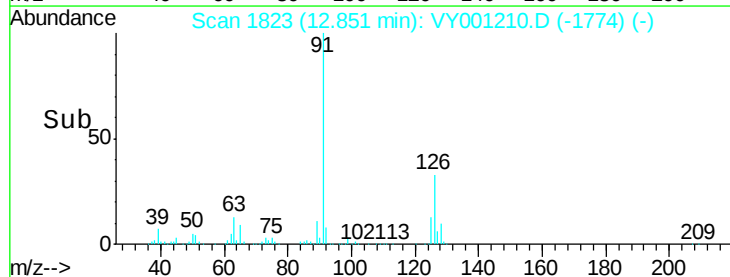
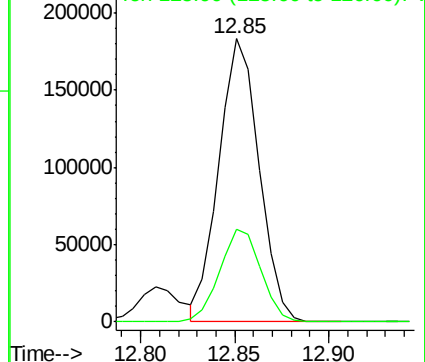
Ion Ratio Lower Upper

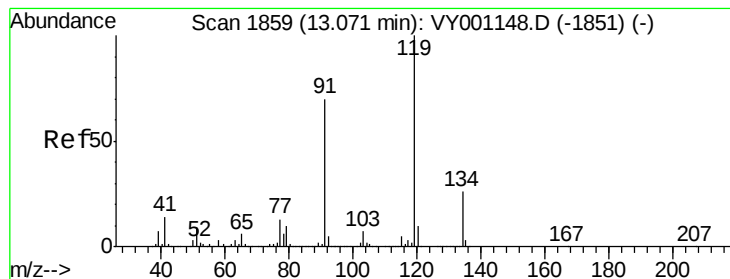
91 100

126 33.6 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: 48.206 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

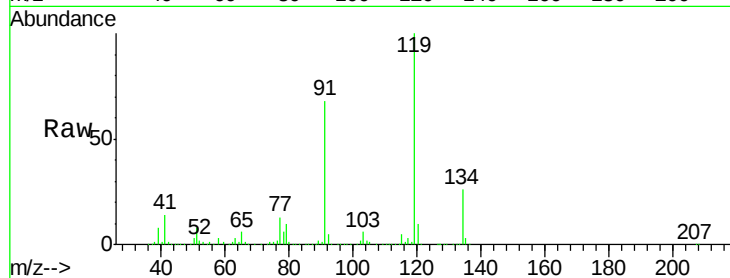
Tot Ion:119 Resp: 256973

Ion Ratio Lower Upper

119 100

91 67.9 33.9 101.7

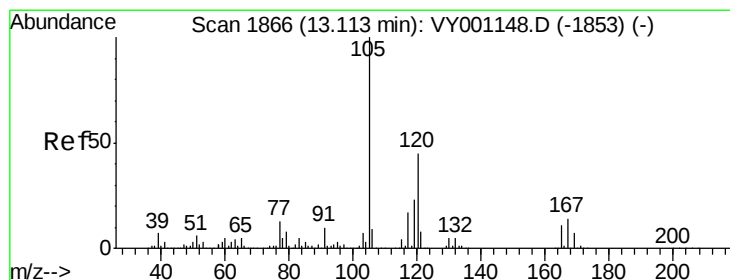
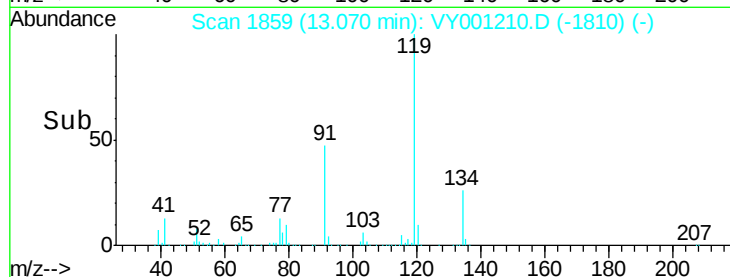
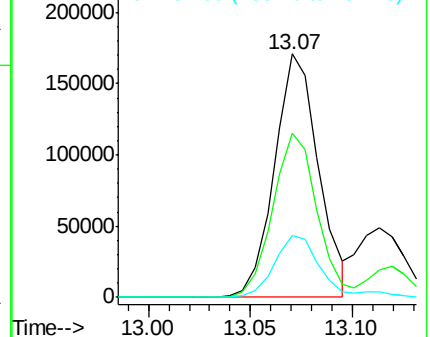
134 27.4 13.5 40.4



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: 49.555 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.01 min

Lab File: VY001210.D

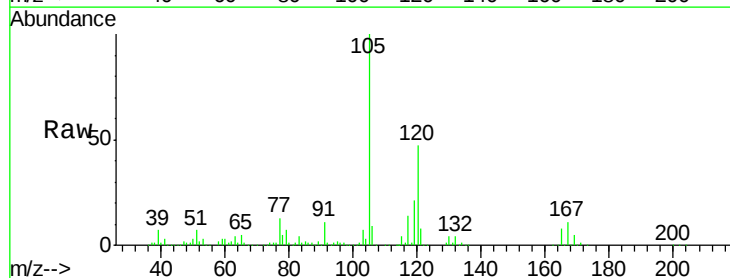
Acq: 15 Jan 2020 12:21

Tgt Ion:105 Resp: 312202

Ion Ratio Lower Upper

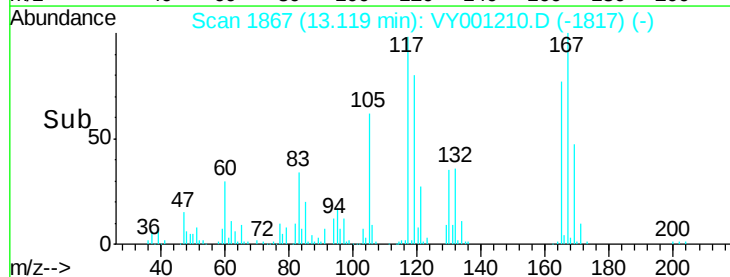
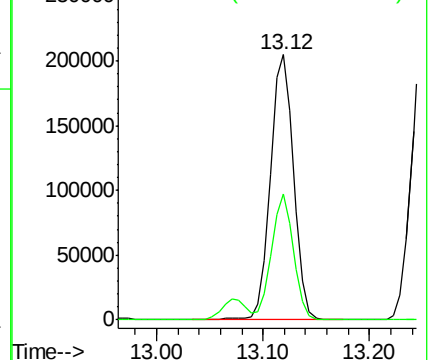
105 100

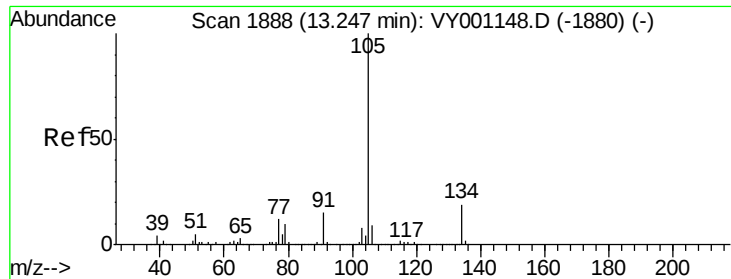
120 45.1 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

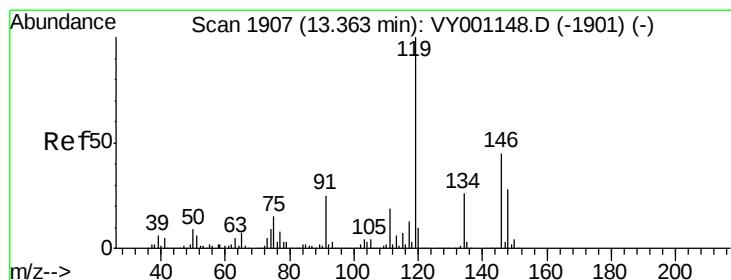
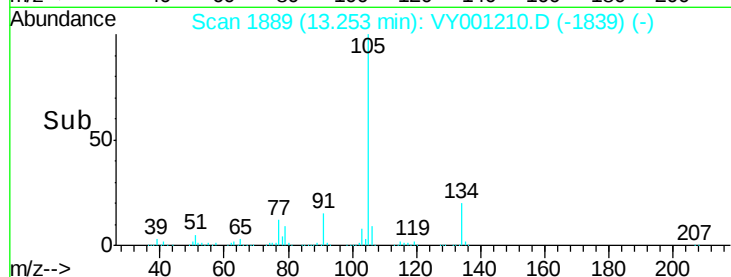
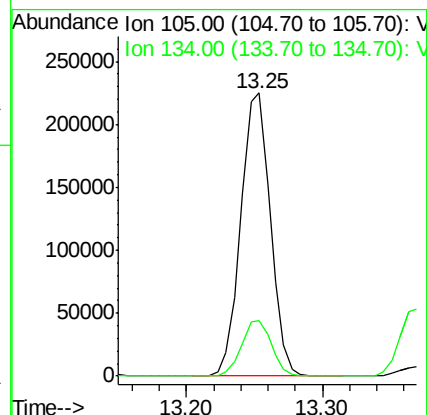
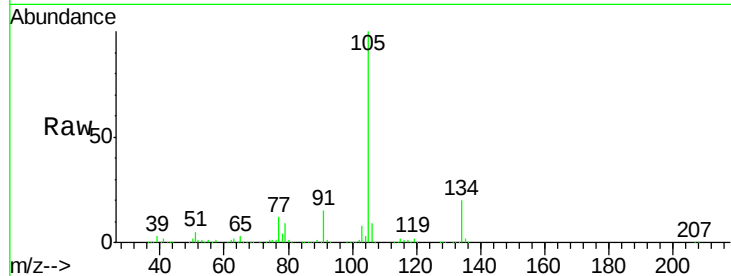




#85
 sec-Butylbenzene
 Concen: 44.473 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

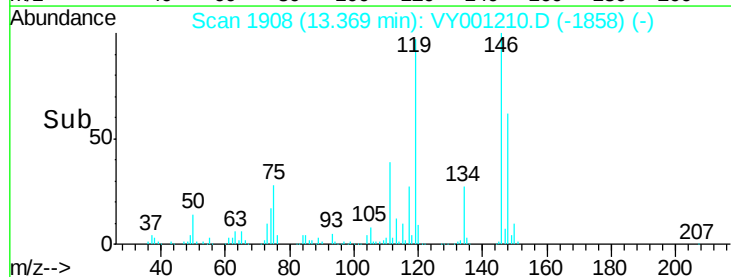
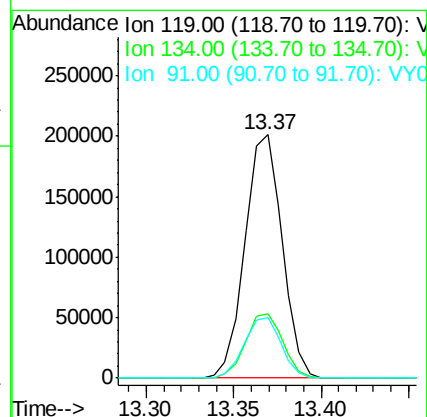
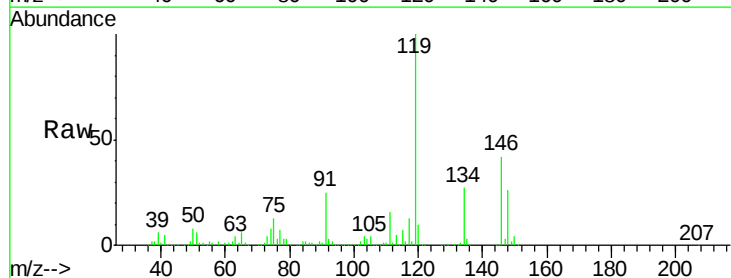
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MS

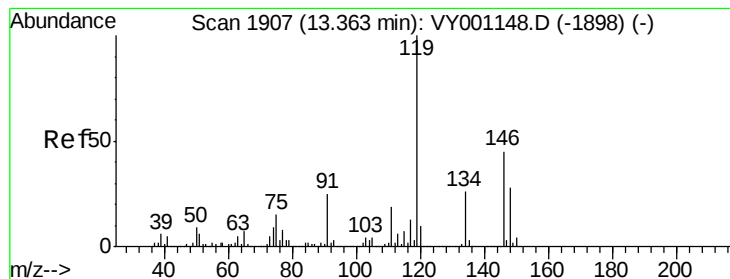
Tot Ion:105 Resp: 341055
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 44.909 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001210.D
 Acq: 15 Jan 2020 12:21

Tgt Ion:119 Resp: 299025
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 24.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.507 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

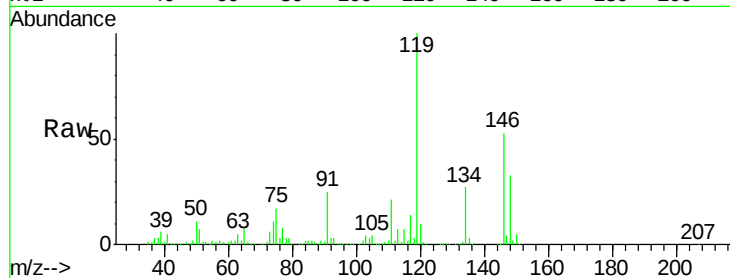
Tot Ion:146 Resp: 150948

Ion Ratio Lower Upper

146 100

111 40.5 21.3 64.0

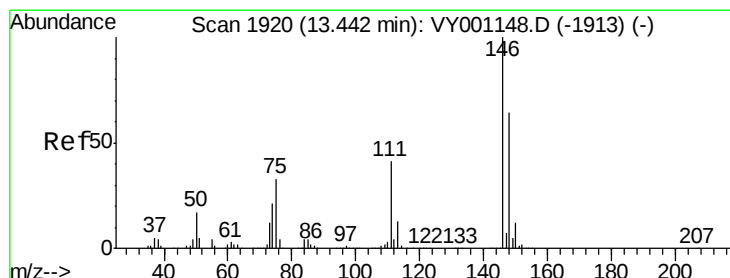
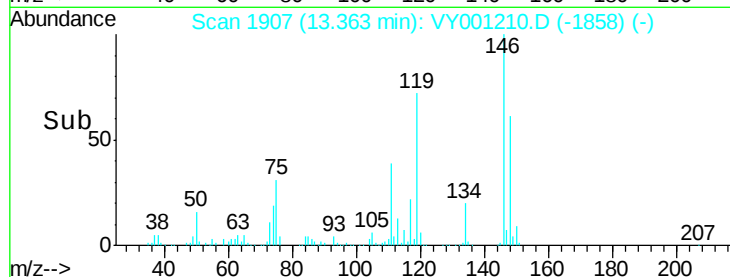
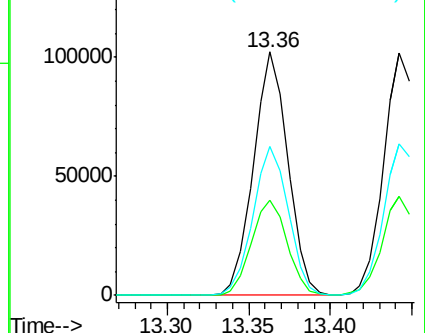
148 62.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.275 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

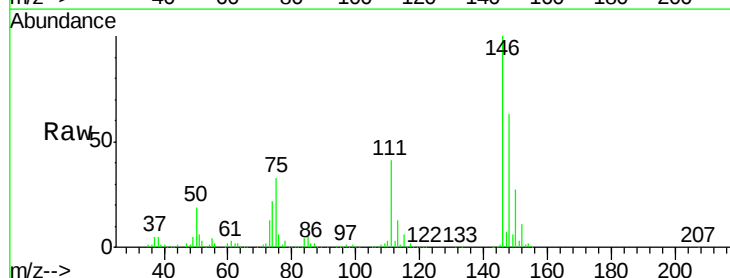
Tgt Ion:146 Resp: 151324

Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.5

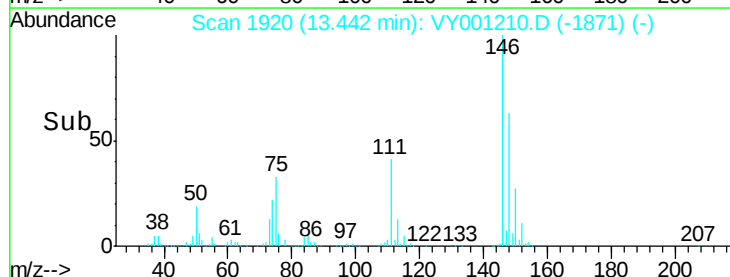
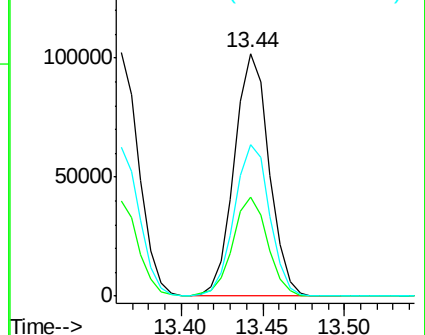
148 63.6 32.0 96.2

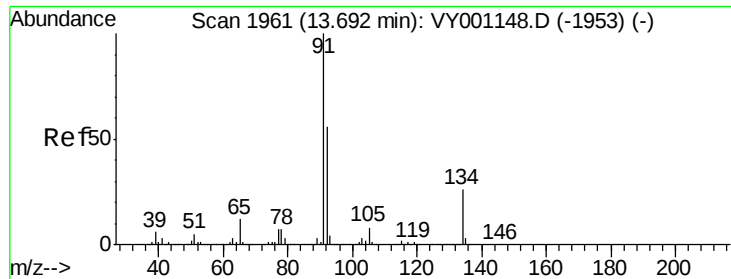


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

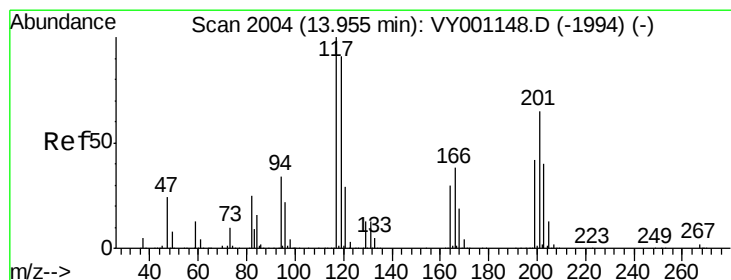
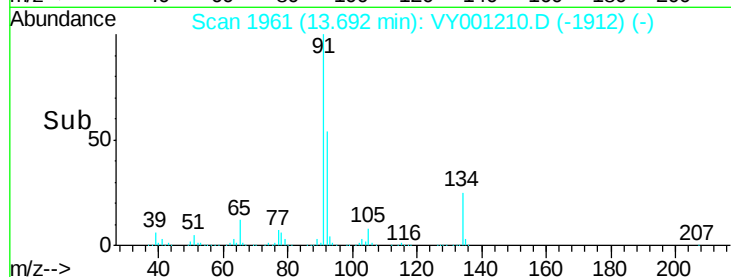
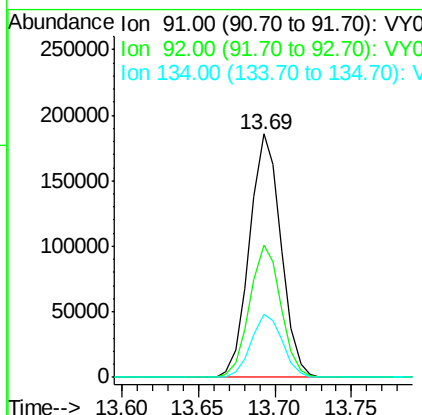
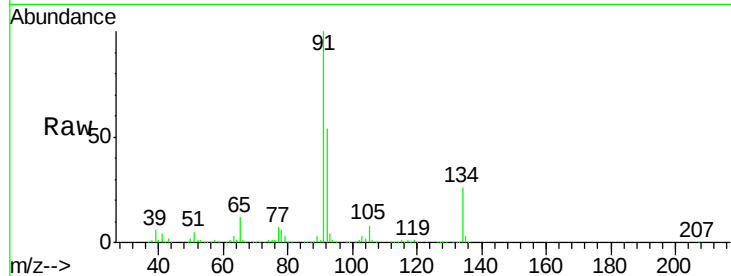




#89
n-Butylbenzene
Concen: 39.580 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

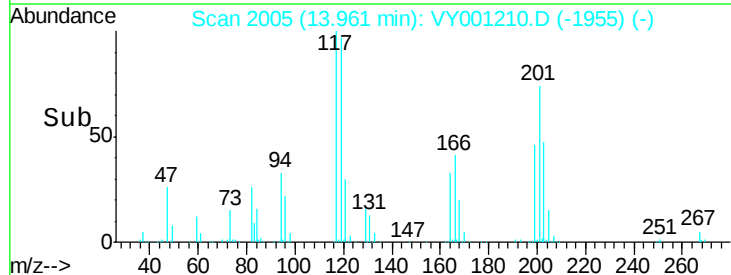
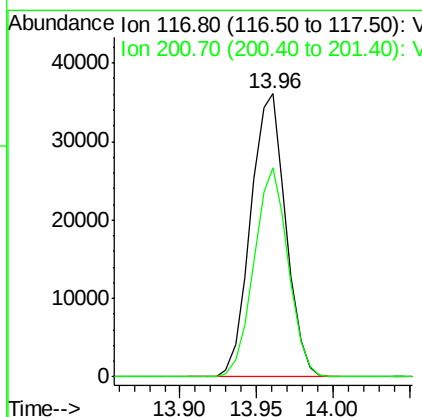
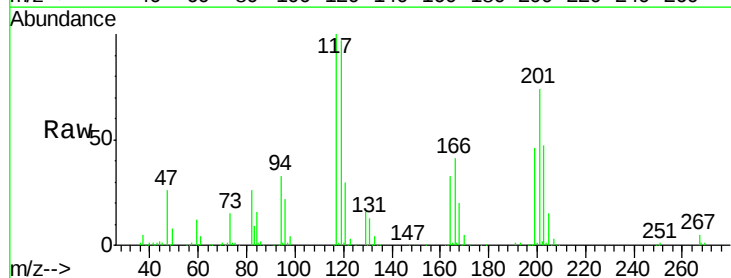
Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

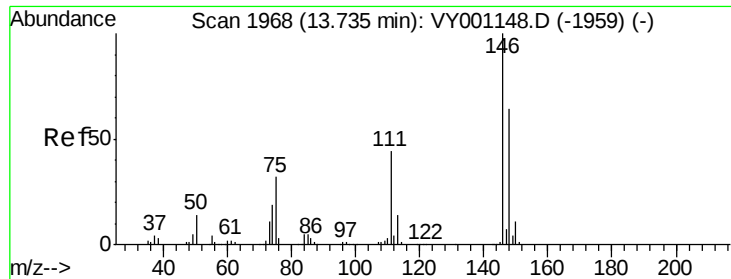
Tot Ion: 91 Resp: 265432
Ion Ratio Lower Upper
91 100
92 54.1 27.7 83.1
134 25.8 12.9 38.6



#90
Hexachloroethane
Concen: 44.234 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion: 117 Resp: 57549
Ion Ratio Lower Upper
117 100
201 72.0 35.4 106.2





#91

1,2-Dichlorobenzene

Concen: 47.504 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0MS

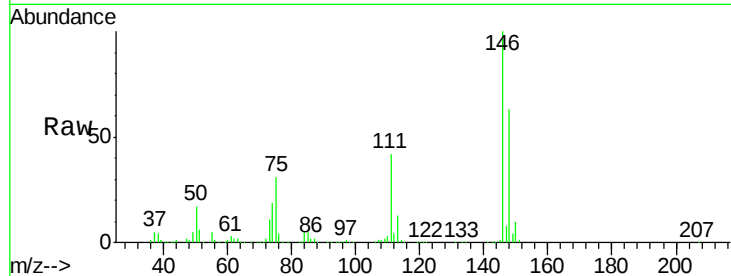
Tot Ion:146 Resp: 140277

Ion Ratio Lower Upper

146 100

111 42.4 22.0 66.0

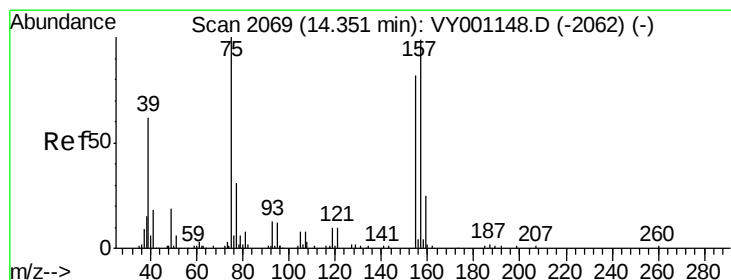
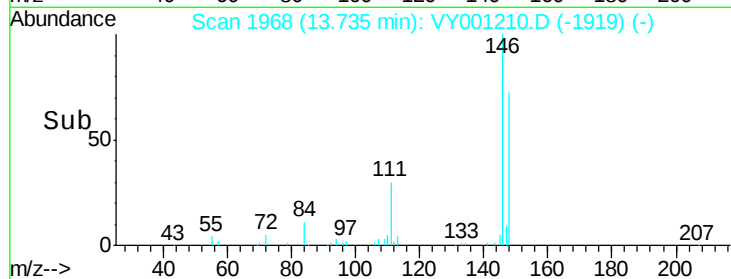
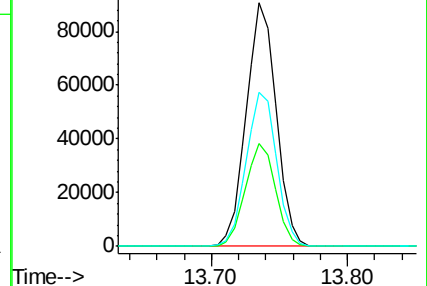
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.560 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.01 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

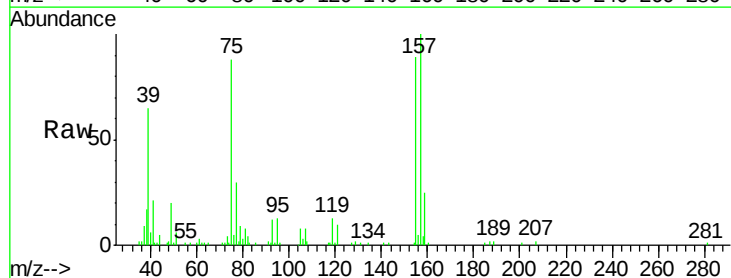
Tgt Ion: 75 Resp: 15167

Ion Ratio Lower Upper

75 100

155 88.6 41.2 123.6

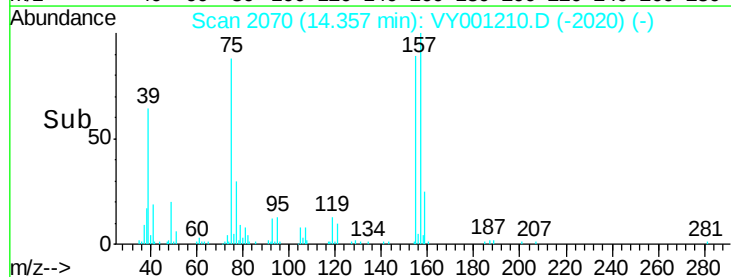
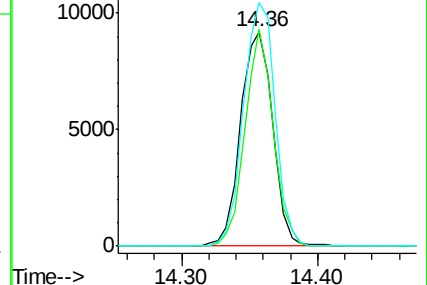
157 111.8 52.8 158.4

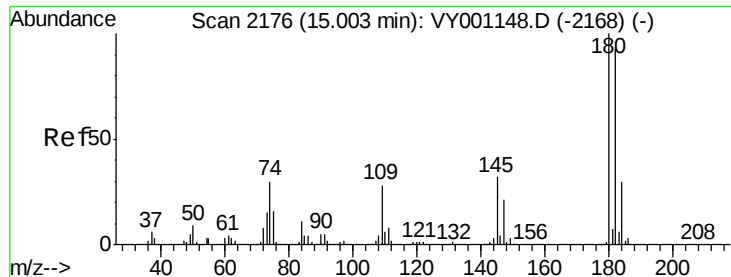


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

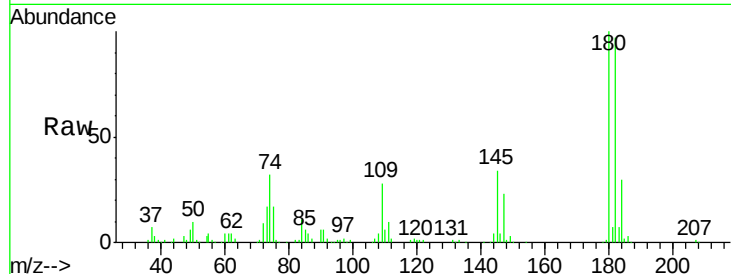




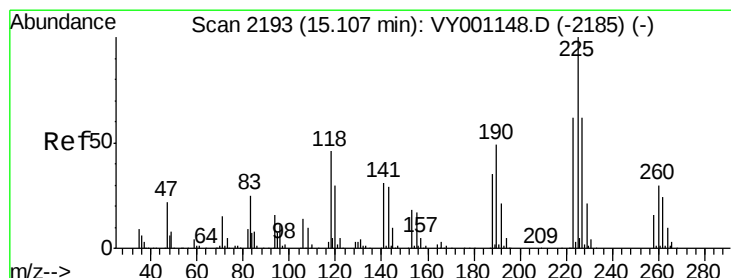
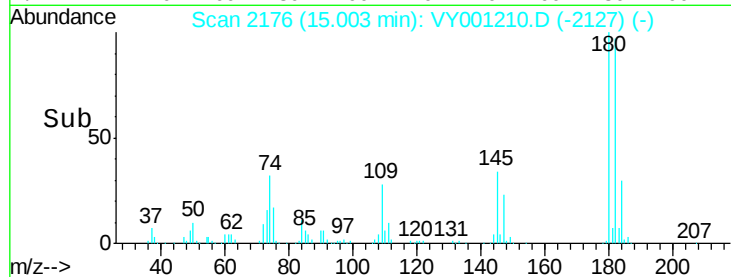
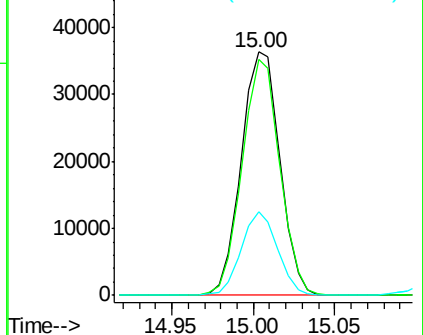
#93
1,2,4-Trichlorobenzene
Concen: 30.845 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0MS

Tot Ion:180 Resp: 60012
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.8
145 32.2 16.0 48.0

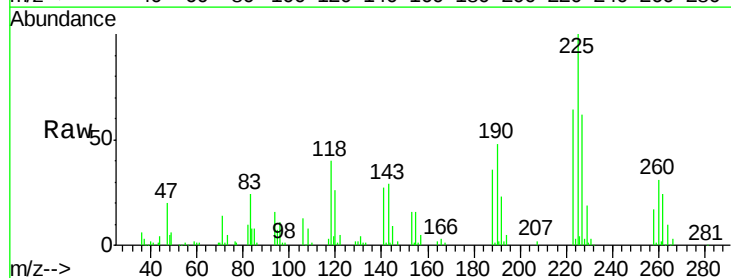


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

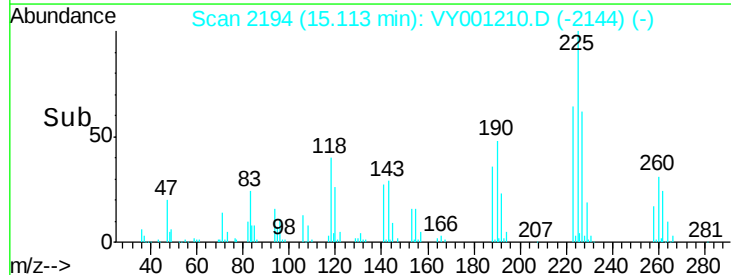
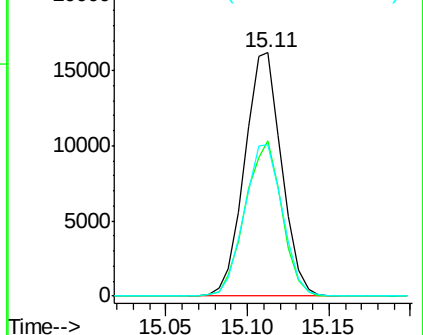


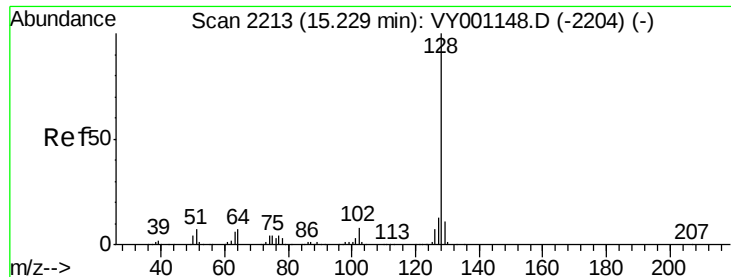
#94
Hexachlorobutadiene
Concen: 26.023 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. 0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion:225 Resp: 25507
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.3
227 64.2 31.3 93.9



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

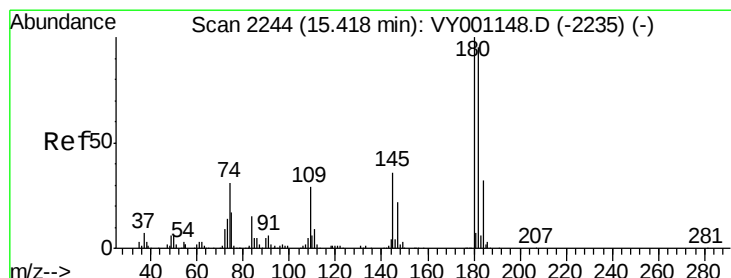
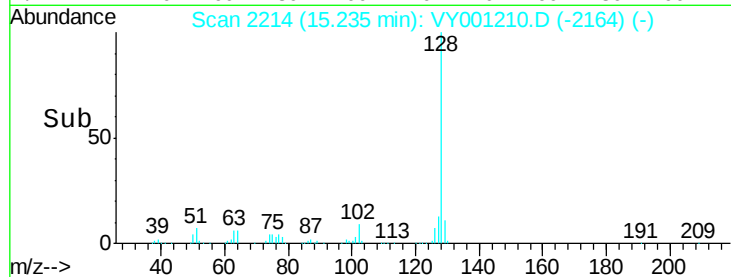
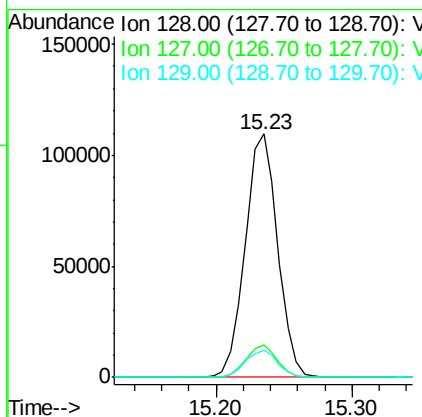
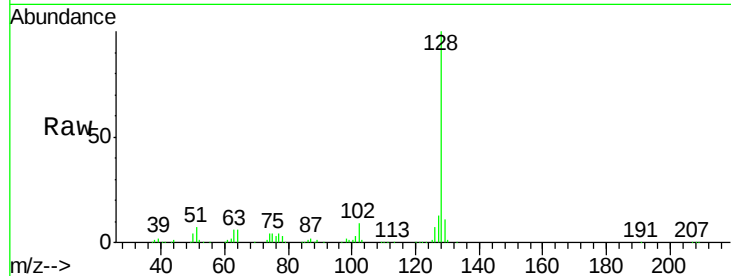




#95
Naphthalene
Concen: 40.342 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Instrument :
MSVOA_Y
ClientSampled :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 29.799 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001210.D
Acq: 15 Jan 2020 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.5	142.5
145	33.2	17.1	51.3

