

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001249.D
 Acq On : 16 Jan 2020 03:46
 Operator : SY/MD
 Sample : L1136-06MS
 Misc : 8.76G/5ML/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

Quant Time: Jan 16 04:57:40 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	142368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	269830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	230971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	98998	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	83966	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	7.73	113	79626	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.18	98	323141	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.48	95	111184	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	60142	55.006	ug/l	99
3) Chloromethane	2.12	50	92297	58.564	ug/l	98
4) Vinyl Chloride	2.26	62	1413460	890.238	ug/l	99
5) Bromomethane	2.65	94	65385	76.666	ug/l	94
6) Chloroethane	2.80	64	62464	68.097	ug/l	99
7) Trichlorofluoromethane	3.13	101	117310	53.081	ug/l	98
8) Diethyl Ether	3.54	74	47366	55.156	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	73928	51.968	ug/l	99
10) Methyl Iodide	4.10	142	103688	53.251	ug/l	99
11) Tert butyl alcohol	4.96	59	37615	248.632	ug/l	98
12) 1,1-Dichloroethene	3.88	96	89207	61.293	ug/l	97
13) Acrolein	3.74	56	6058	44.480	ug/l	96
14) Allyl chloride	4.49	41	135766	55.271	ug/l	100
15) Acrylonitrile	5.18	53	118551	276.030	ug/l	100
16) Acetone	3.96	43	86501	247.704	ug/l	100
17) Carbon Disulfide	4.20	76	257505	54.666	ug/l	99
18) Methyl Acetate	4.49	43	108212	93.724	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	221024	54.902	ug/l	98
20) Methylene Chloride	4.73	84	103291	65.143	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	156889	95.068	ug/l	94
22) Diisopropyl ether	6.13	45	282496	56.307	ug/l	95
23) Vinyl Acetate	6.08	43	541080	168.631	ug/l	99
24) 1,1-Dichloroethane	6.03	63	223309	81.302	ug/l	97
25) 2-Butanone	7.00	43	150383	276.696	ug/l #	89
26) 2,2-Dichloropropane	6.99	77	119699	47.391	ug/l #	8
27) cis-1,2-Dichloroethene	7.00	96	1563435	864.592	ug/l	91
28) Bromochloromethane	7.35	49	70541	62.543	ug/l	100
29) Tetrahydrofuran	7.36	42	103804	278.699	ug/l	97
30) Chloroform	7.52	83	156662	58.212	ug/l	97
31) Cyclohexane	7.80	56	148514	51.068	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	131961	55.262	ug/l	98
36) 1,1-Dichloropropene	7.93	75	121970	49.595	ug/l	99
37) Ethyl Acetate	7.09	43	65605	45.454	ug/l #	81
38) Carbon Tetrachloride	7.91	117	112950	50.114	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	156155	46.835	ug/l	99
40) Benzene	8.17	78	384947	53.621	ug/l	99
41) Methacrylonitrile	7.36	41	95933	141.497	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	102365	50.923	ug/l	99
43) Isopropyl Acetate	8.28	43	136660	49.516	ug/l	99
44) Trichloroethene	8.94	130	109424	58.496	ug/l	100
45) 1,2-Dichloropropane	9.22	63	93265	52.550	ug/l	96
46) Dibromomethane	9.31	93	49100	50.705	ug/l	99
47) Bromodichloromethane	9.50	83	120677	51.135	ug/l	98
48) Methyl methacrylate	9.30	41	65443	51.241	ug/l	100
49) 1,4-Dioxane	9.30	88	13487	1143.664	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	355553	253.891	ug/l	99
52) Toluene	10.24	92	239228	52.247	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	126354	47.847	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	144671	48.590	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	74212	51.695	ug/l	98
56) Ethyl methacrylate	10.51	69	103615	47.184	ug/l	97
57) 1,3-Dichloropropane	10.79	76	125207	50.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	184344	238.681	ug/l	99
59) 2-Hexanone	10.83	43	242363	246.943	ug/l	98
60) Dibromochloromethane	10.99	129	80656	48.797	ug/l	99
61) 1,2-Dibromoethane	11.09	107	69224	49.384	ug/l	99
64) Tetrachloroethene	10.72	164	78493	52.719	ug/l	99
65) Chlorobenzene	11.52	112	326275	70.696	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	83450	52.463	ug/l	99
67) Ethyl Benzene	11.59	91	439371	52.042	ug/l	100
68) m/p-Xylenes	11.70	106	330023	103.624	ug/l	99
69) o-Xylene	12.03	106	157294	51.513	ug/l	100
70) Styrene	12.04	104	271033	50.587	ug/l	99
71) Bromoform	12.20	173	48596	49.540	ug/l #	100
73) Isopropylbenzene	12.33	105	417952	56.158	ug/l	100
74) N-amyl acetate	12.14	43	108395	46.669	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	88236	56.351	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	113165	106.781	ug/l #	100
77) Bromobenzene	12.61	156	89910	54.673	ug/l	97
78) n-propylbenzene	12.67	91	485040	54.182	ug/l	100
79) 2-Chlorotoluene	12.75	91	275144	53.517	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	339822	54.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	30683	49.097	ug/l #	100
82) 4-Chlorotoluene	12.85	91	284806	51.890	ug/l	99
83) tert-Butylbenzene	13.07	119	289209	55.427	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	338369	54.870	ug/l	100
85) sec-Butylbenzene	13.25	105	405227	53.984	ug/l	99
86) p-Isopropyltoluene	13.37	119	348673	53.499	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	168192	54.080	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	171923	53.711	ug/l	100
89) n-Butylbenzene	13.69	91	322354	49.108	ug/l	99
90) Hexachloroethane	13.96	117	69459	54.543	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	161966	56.035	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15666	55.464	ug/l	99

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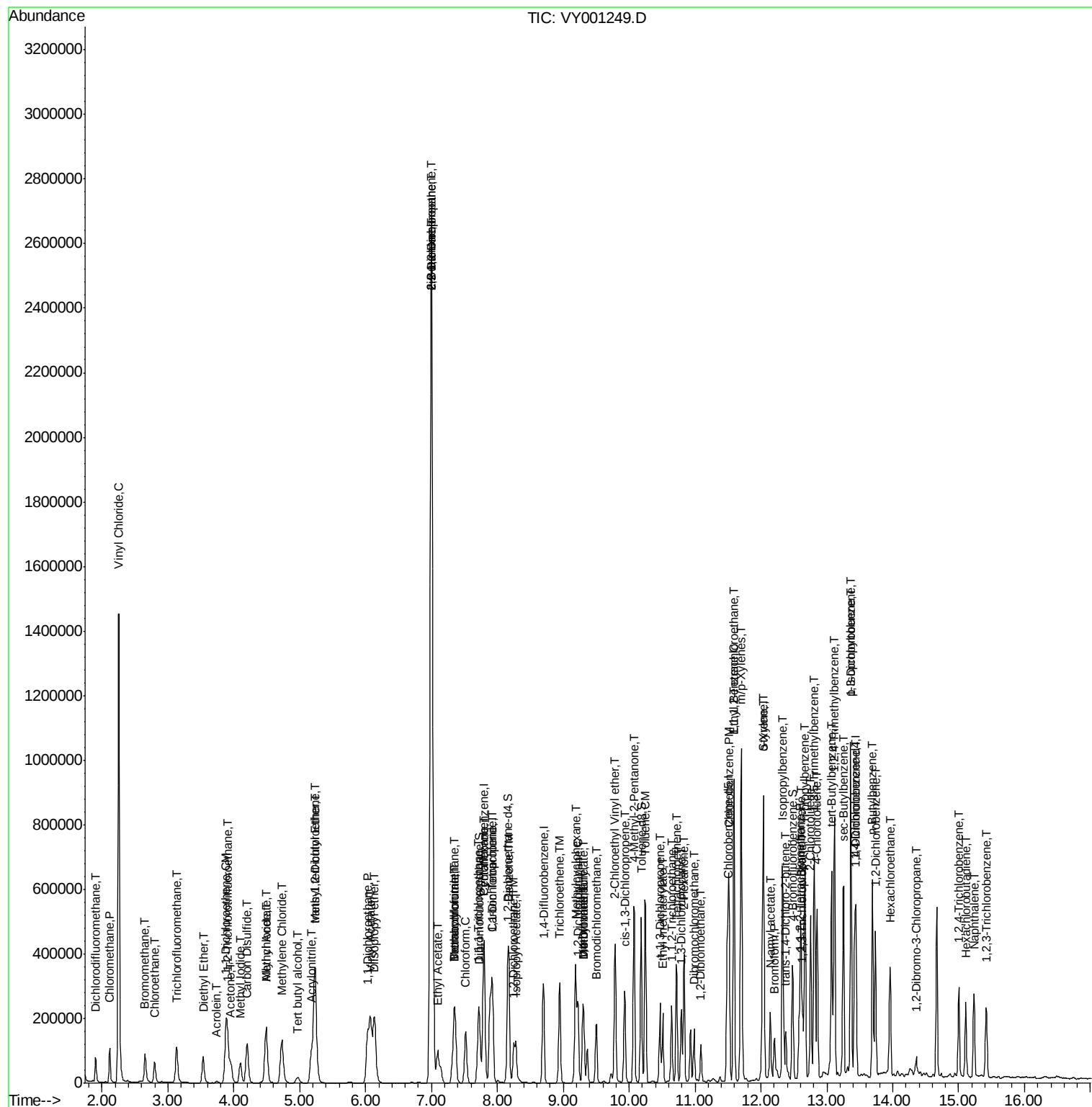
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	79395	41.690	ug/l	99
94) Hexachlorobutadiene	15.11	225	39787	41.470	ug/l	98
95) Naphthalene	15.23	128	210771	47.540	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	68111	40.581	ug/l	100

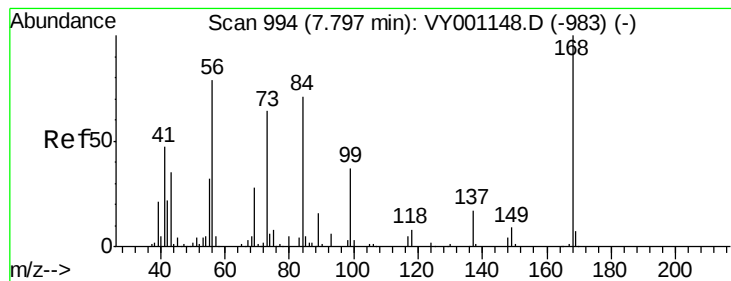
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

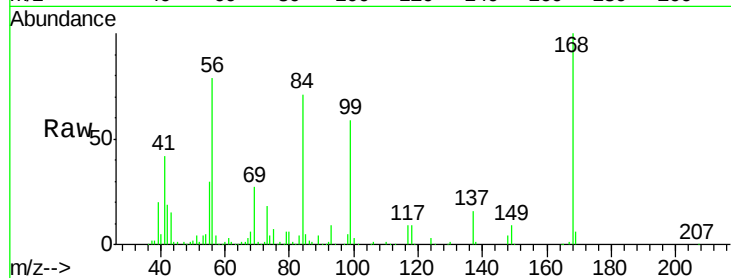
WP022SB457_200113_28-30MS

Tgt Ion:168 Resp: 142368

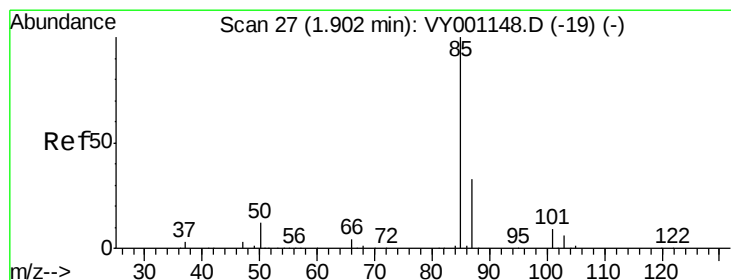
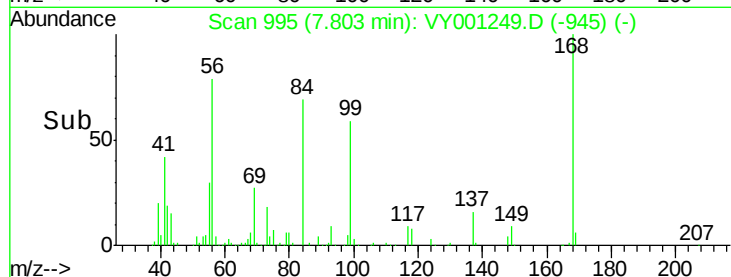
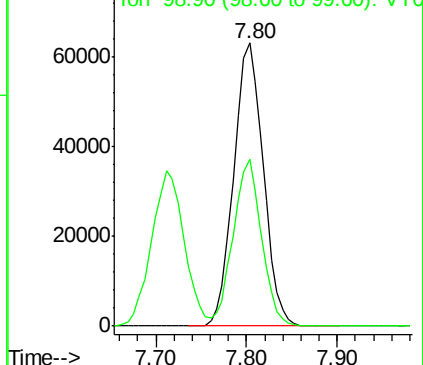
Ion Ratio Lower Upper

168 100

99 59.1 47.9 71.9



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



#2

Dichlorodifluoromethane

Concen: 55.006 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001249.D

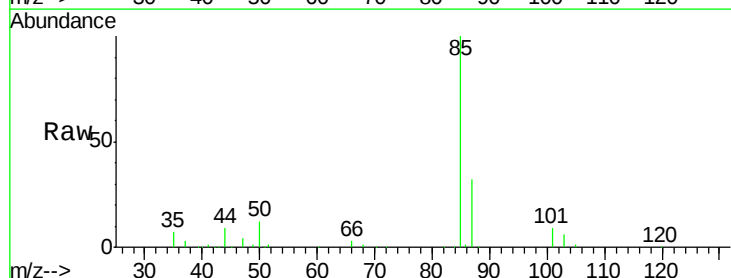
Acq: 16 Jan 2020 03:46

Tgt Ion: 85 Resp: 60142

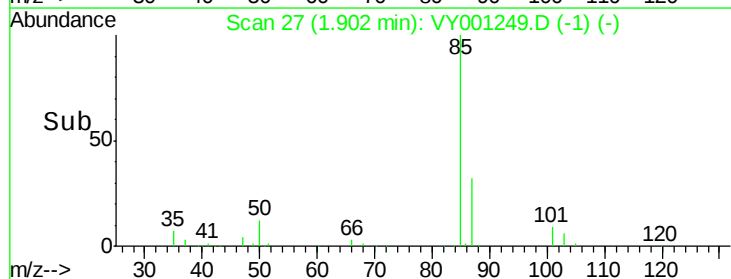
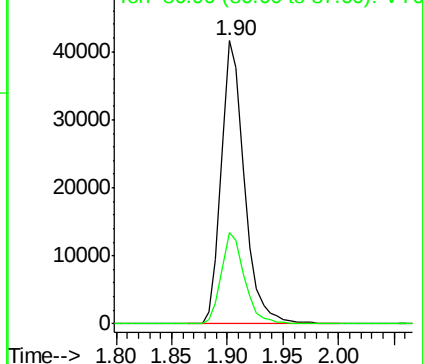
Ion Ratio Lower Upper

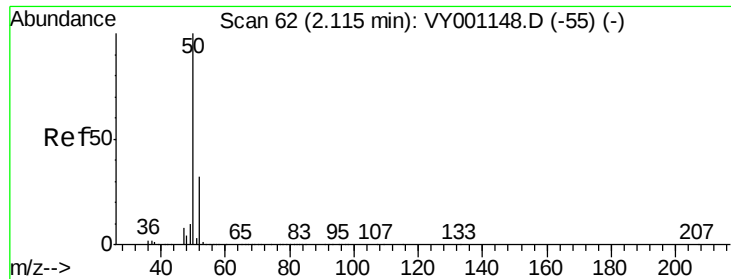
85 100

87 32.4 16.4 49.2



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





#3

Chloromethane

Concen: 58.564 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

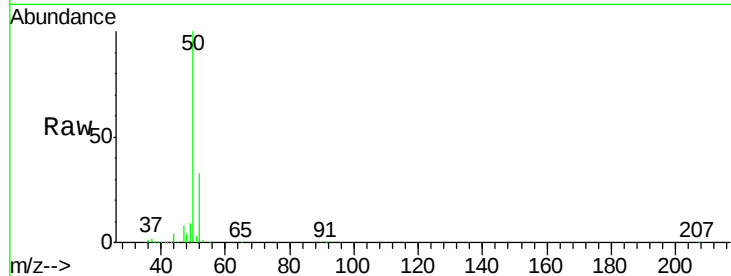
WP022SB457_200113_28-30MS

Tgt Ion: 50 Resp: 92297

Ion Ratio Lower Upper

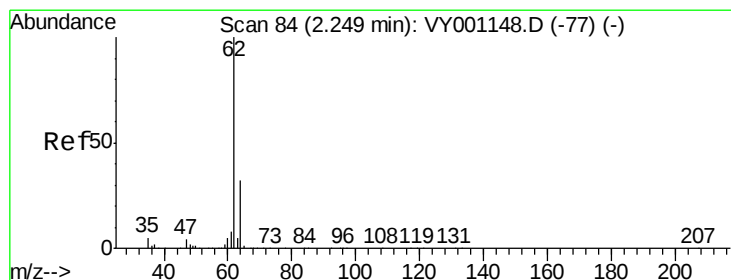
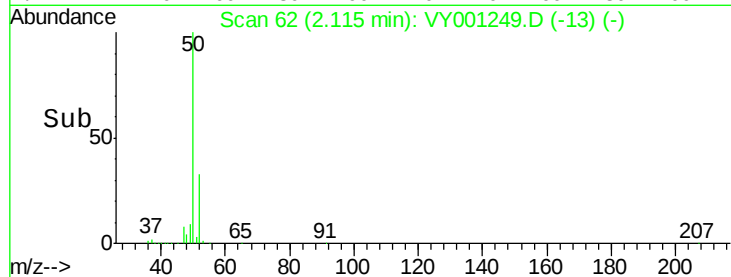
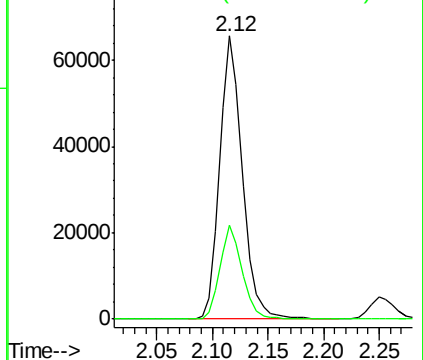
50 100

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: 890.238 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001249.D

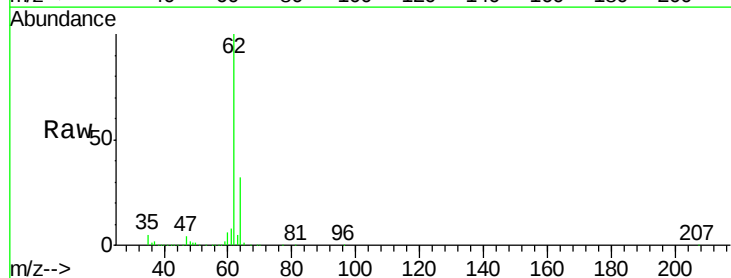
Acq: 16 Jan 2020 03:46

Tgt Ion: 62 Resp: 1413460

Ion Ratio Lower Upper

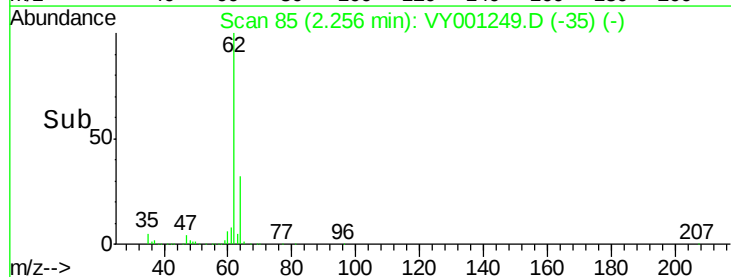
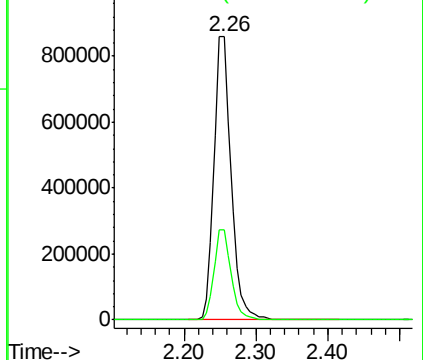
62 100

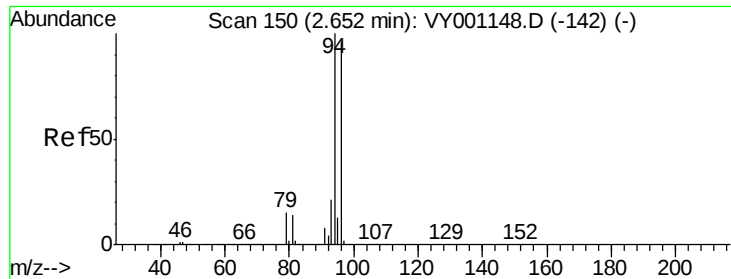
64 31.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 76.666 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

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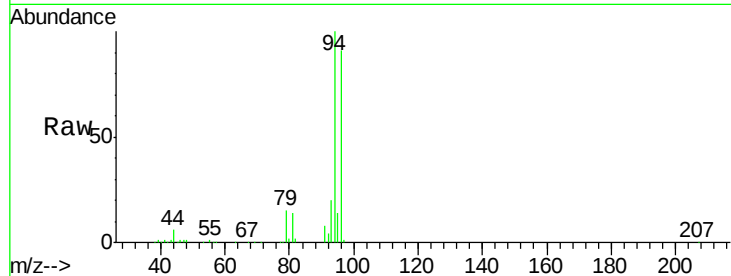
WP022SB457_200113_28-30MS

Tgt Ion: 94 Resp: 65385

Ion Ratio Lower Upper

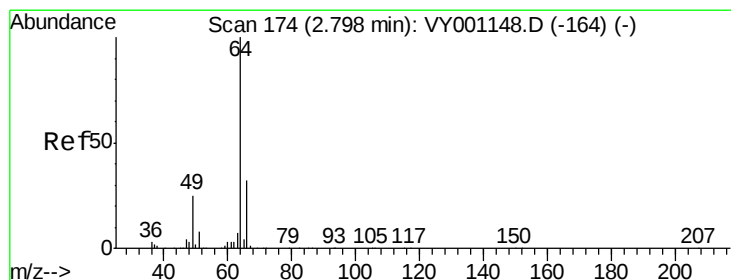
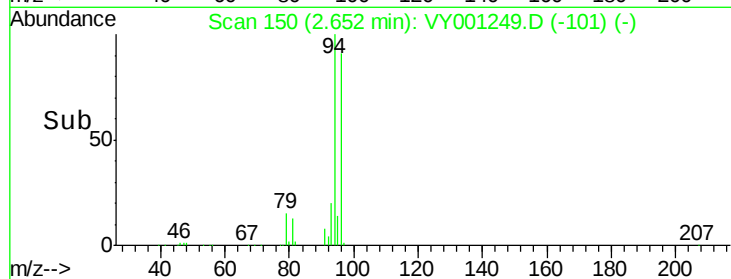
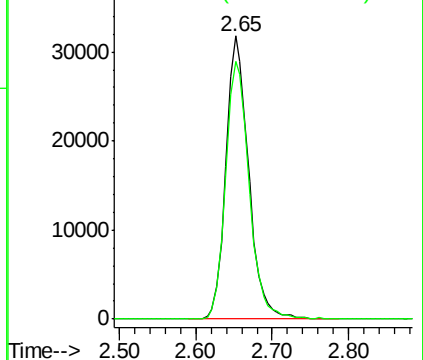
94 100

96 90.6 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: 68.097 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001249.D

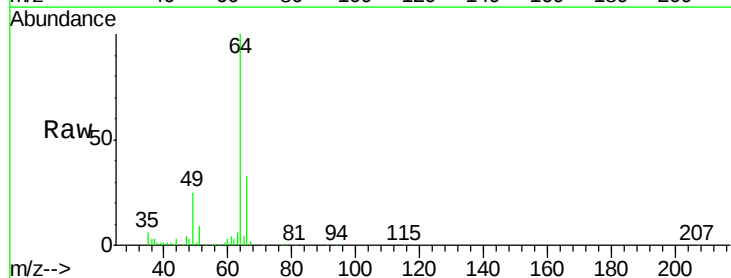
Acq: 16 Jan 2020 03:46

Tgt Ion: 64 Resp: 62464

Ion Ratio Lower Upper

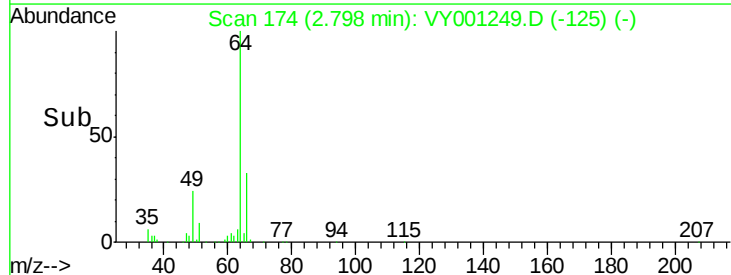
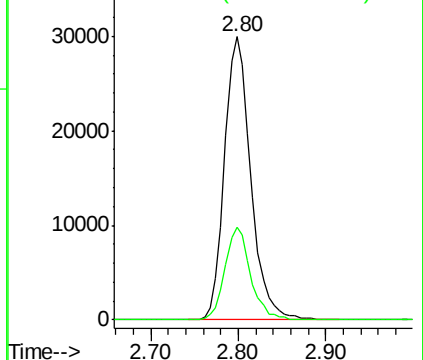
64 100

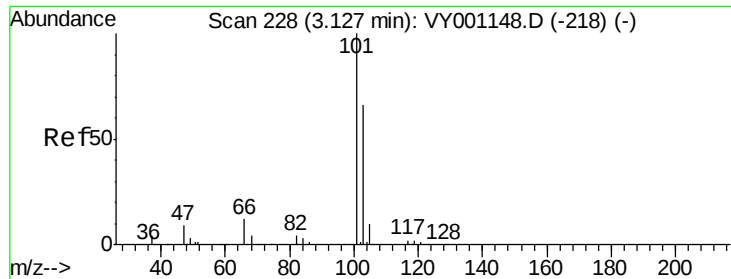
66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



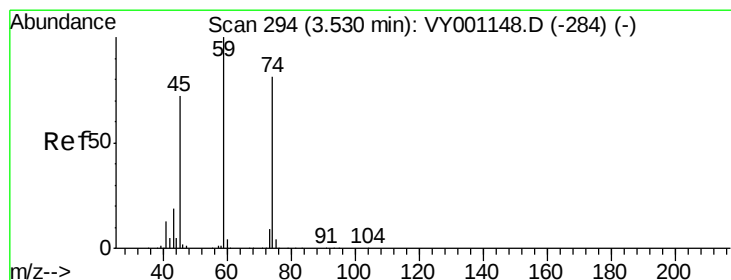
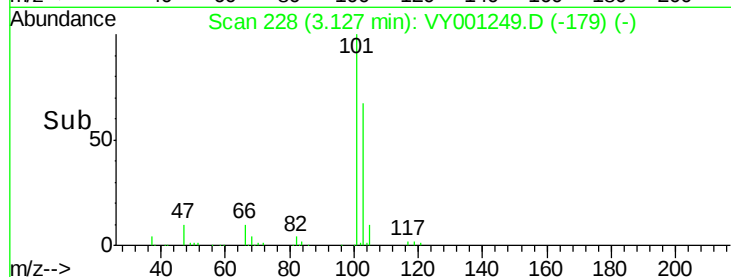
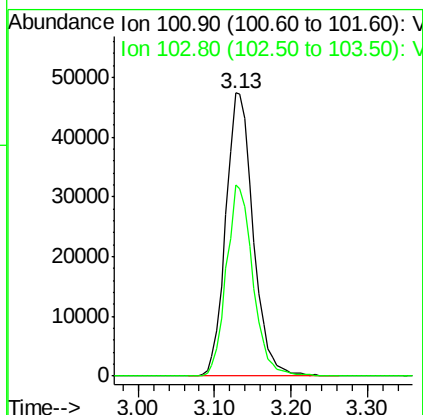
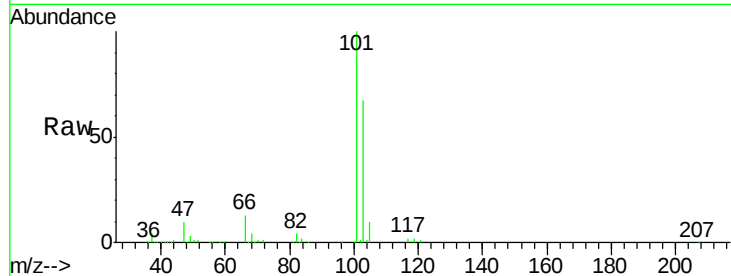


#7

Trichlorofluoromethane
 Concen: 53.081 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

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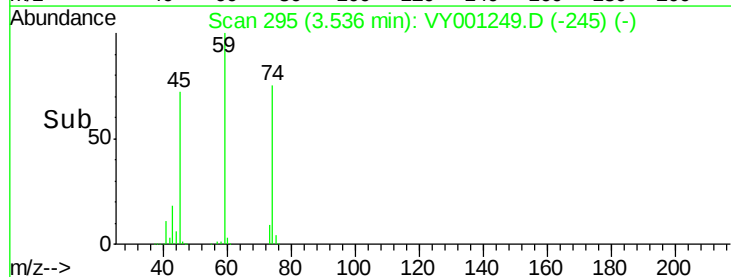
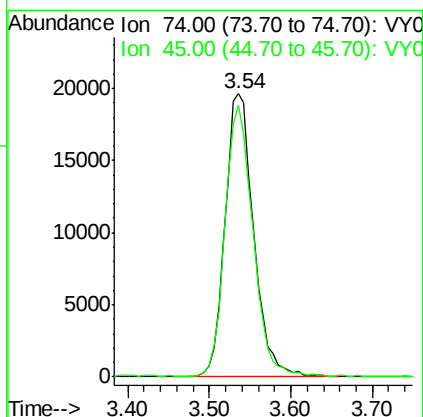
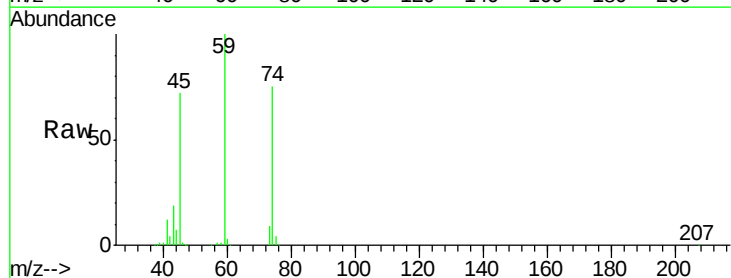
Tgt Ion:101 Resp: 117310
 Ion Ratio Lower Upper
 101 100
 103 67.4 52.6 79.0

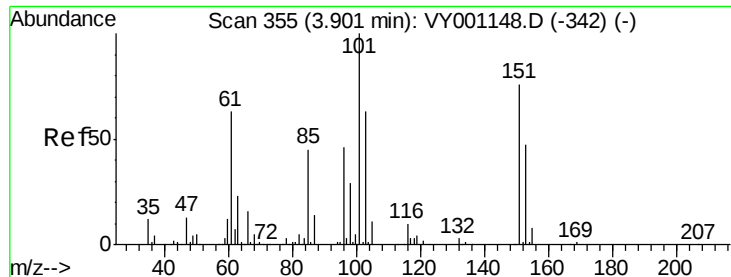


#8

Diethyl Ether
 Concen: 55.156 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion: 74 Resp: 47366
 Ion Ratio Lower Upper
 74 100
 45 94.6 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.968 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

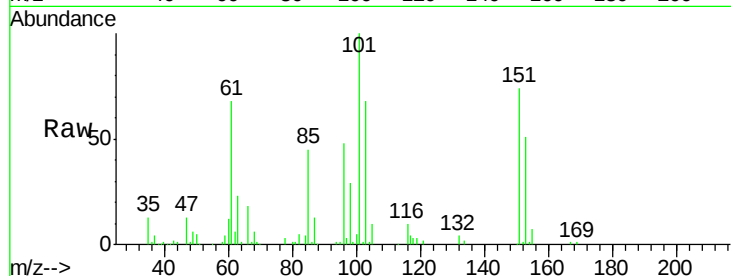
Tgt Ion:101 Resp: 73928

Ion Ratio Lower Upper

101 100

85 43.9 35.2 52.8

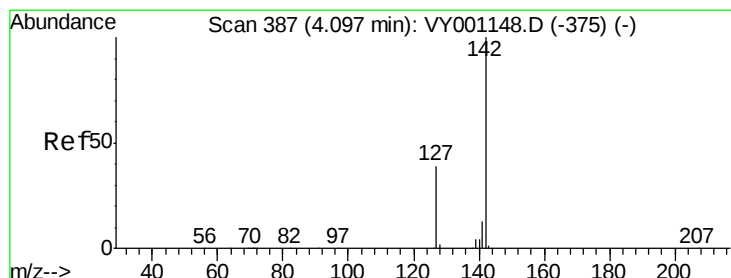
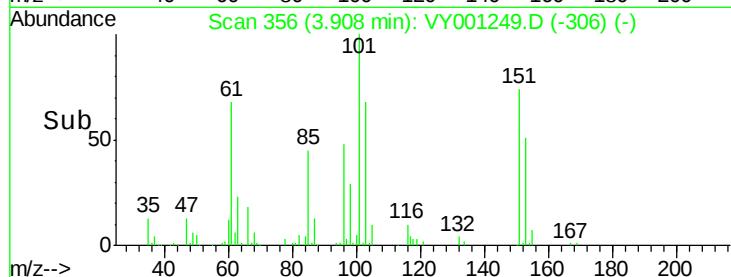
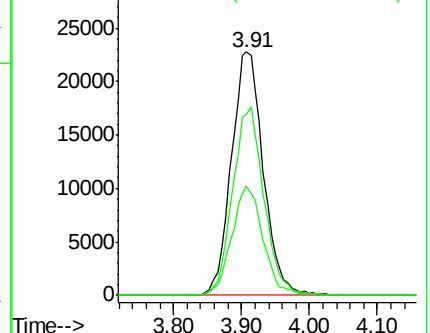
151 76.0 61.4 92.2



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: 53.251 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

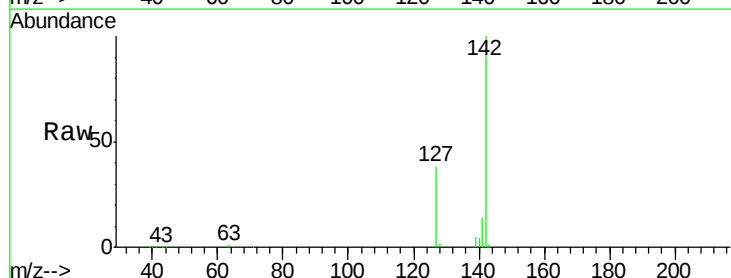
Tgt Ion:142 Resp: 103688

Ion Ratio Lower Upper

142 100

127 39.6 30.8 46.2

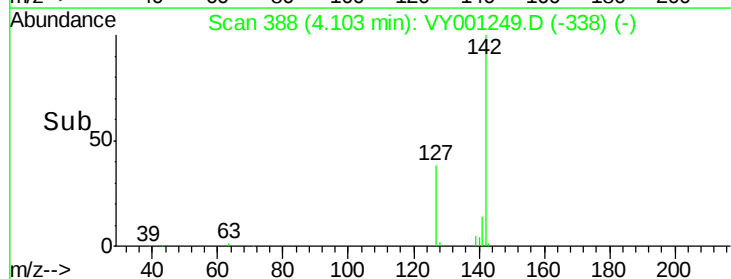
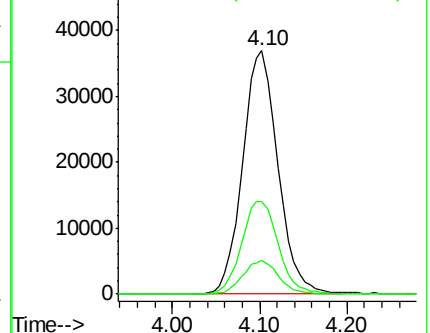
141 13.9 11.0 16.4

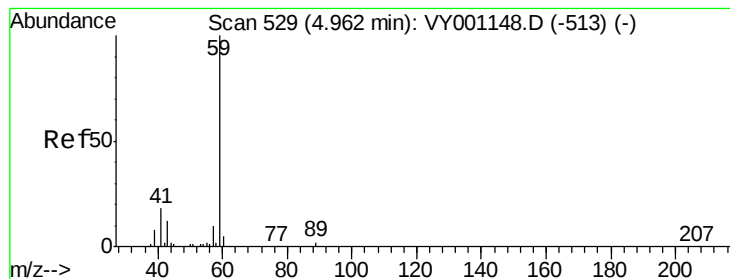


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



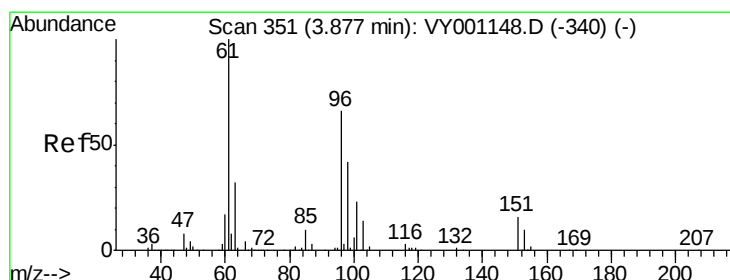
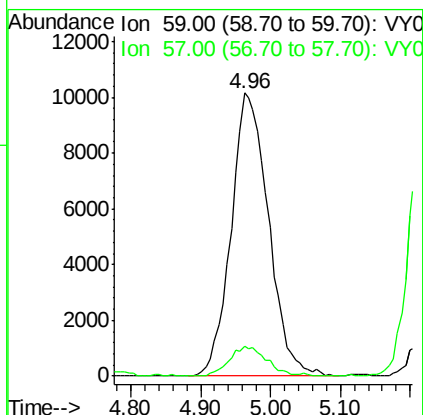
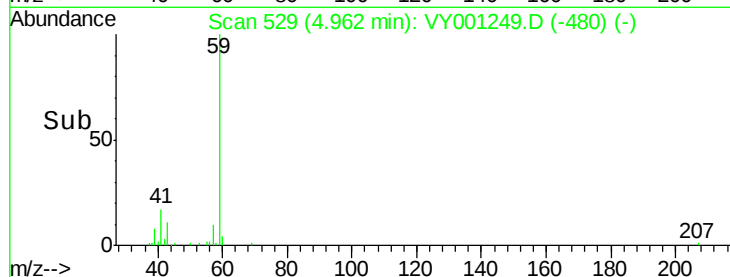
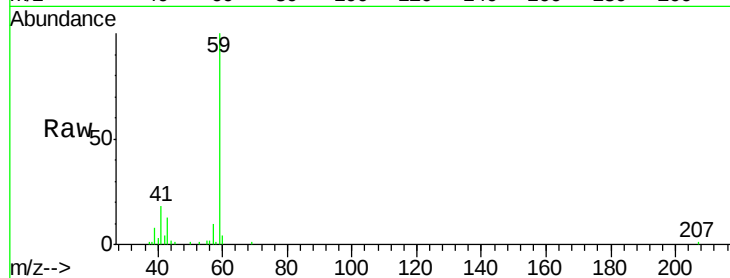


#11

Tert butyl alcohol
 Concen: 248.632 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

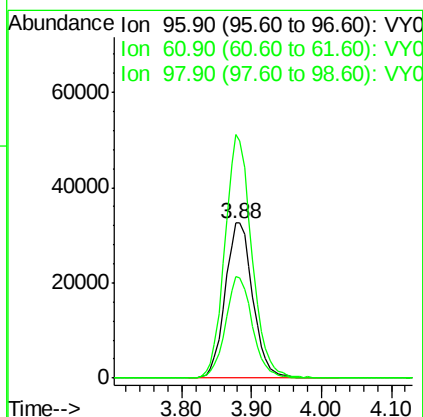
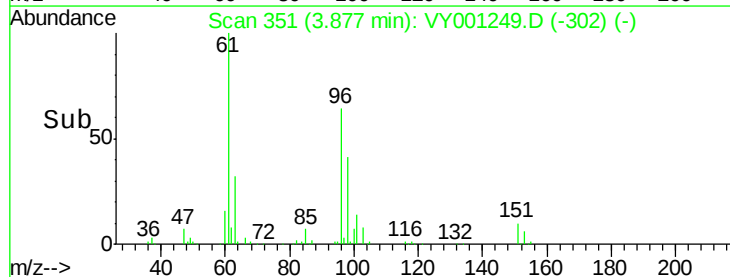
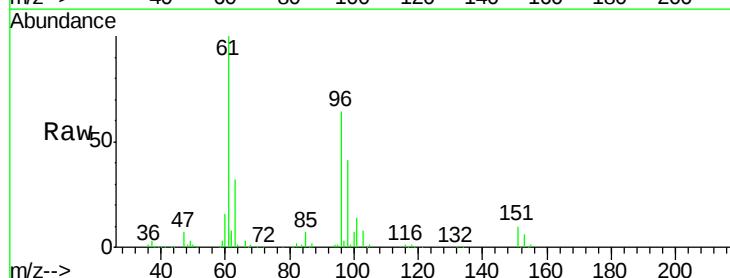
Tgt Ion: 59 Resp: 37615
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.8 11.8

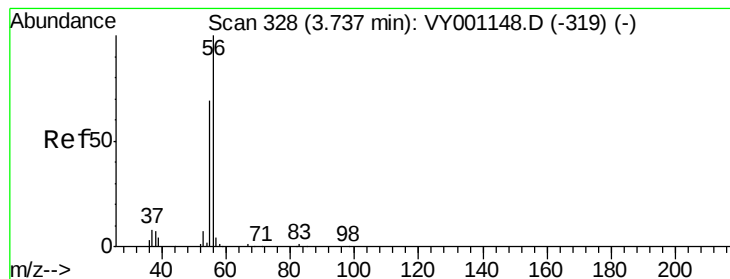


#12

1,1-Dichloroethene
 Concen: 61.293 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion: 96 Resp: 89207
 Ion Ratio Lower Upper
 96 100
 61 157.2 122.1 183.1
 98 65.2 51.0 76.6





#13

Acrolein

Concen: 44.480 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

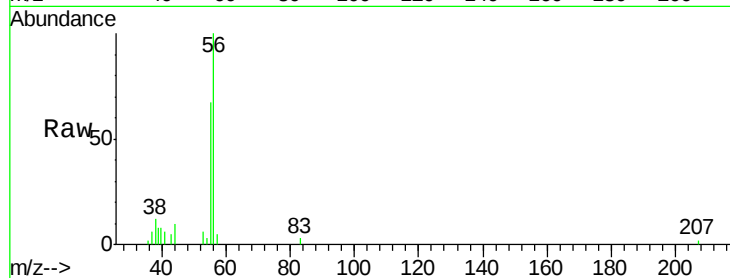
WP022SB457_200113_28-30MS

Tgt Ion: 56 Resp: 6058

Ion Ratio Lower Upper

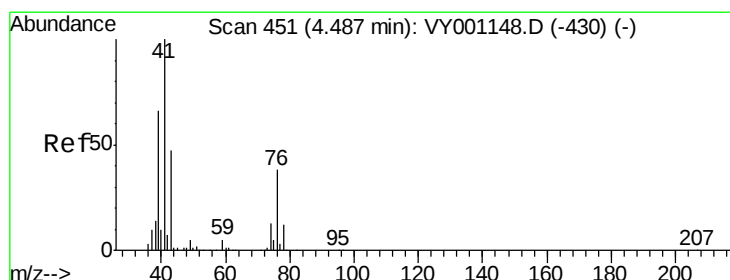
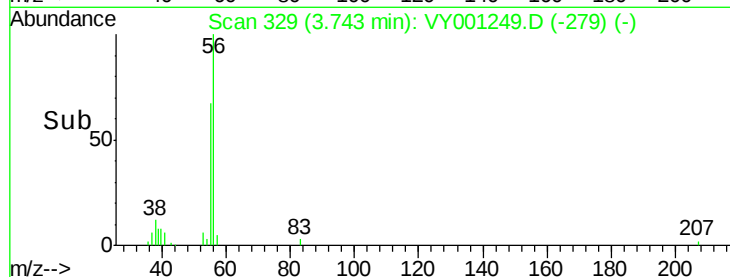
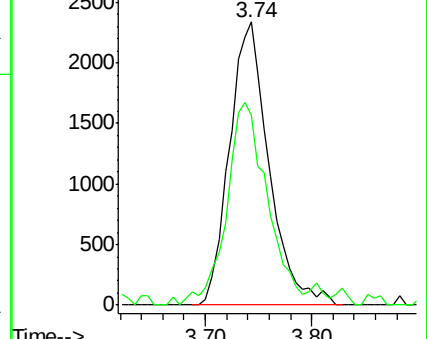
56 100

55 73.9 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 55.271 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

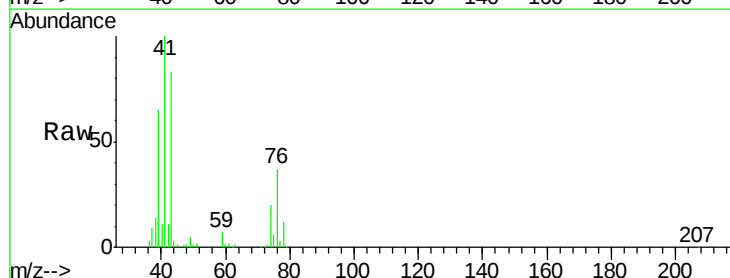
Tgt Ion: 41 Resp: 135766

Ion Ratio Lower Upper

41 100

39 65.5 52.6 78.8

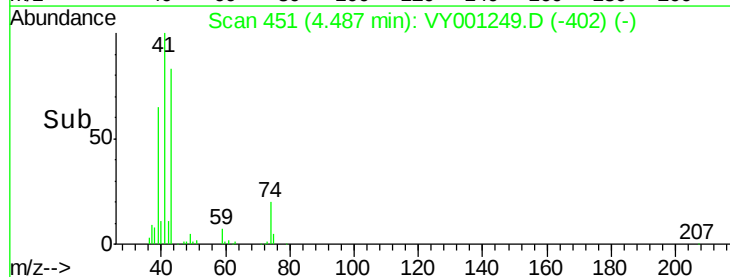
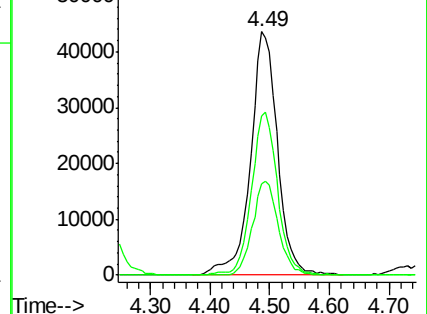
76 37.1 30.2 45.2

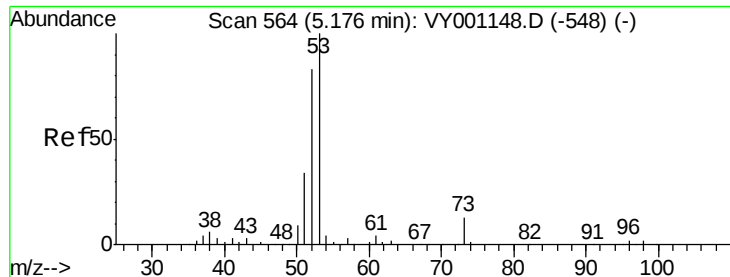


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 276.030 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

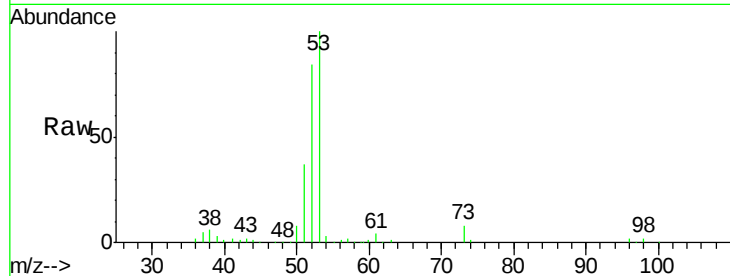
Tgt Ion: 53 Resp: 118551

Ion Ratio Lower Upper

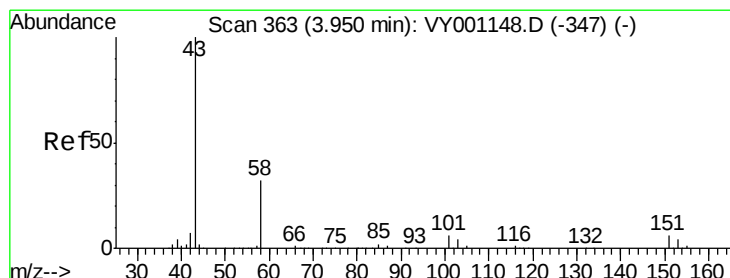
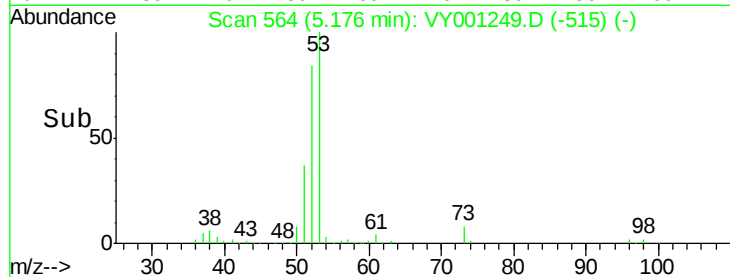
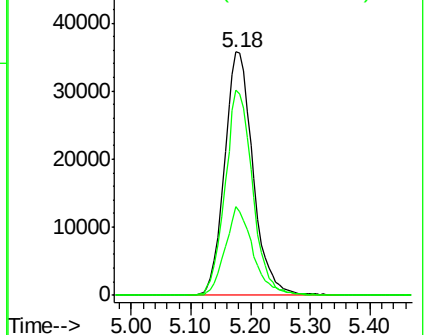
53 100

52 81.7 65.7 98.5

51 35.7 28.7 43.1



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



#16

Acetone

Concen: 247.704 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001249.D

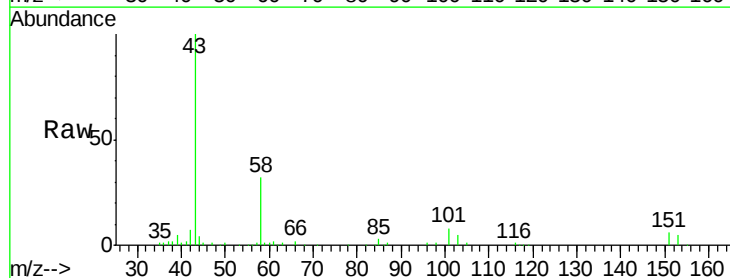
Acq: 16 Jan 2020 03:46

Tgt Ion: 43 Resp: 86501

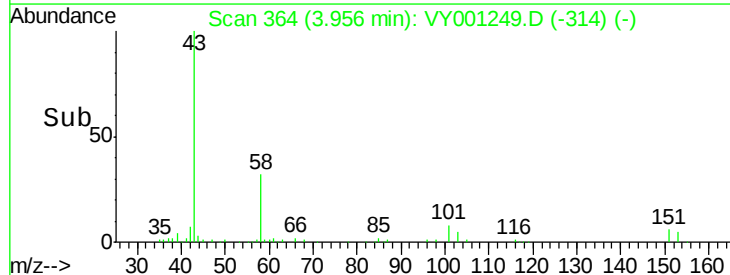
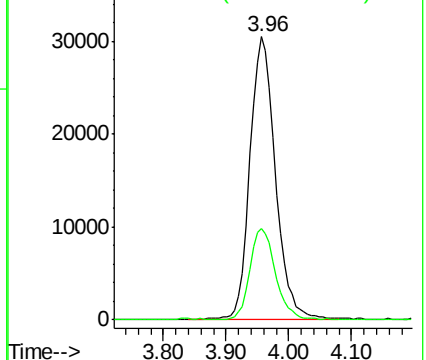
Ion Ratio Lower Upper

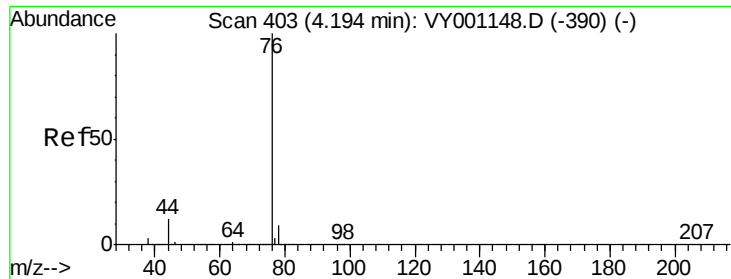
43 100

58 32.2 25.8 38.6



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

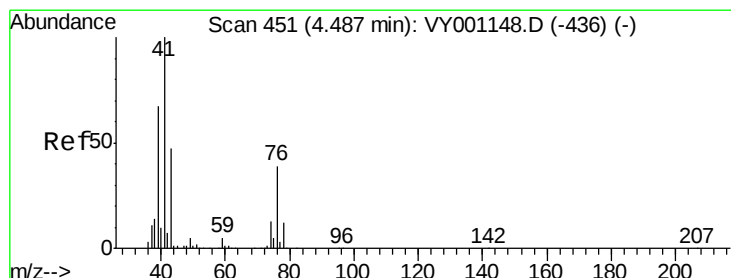
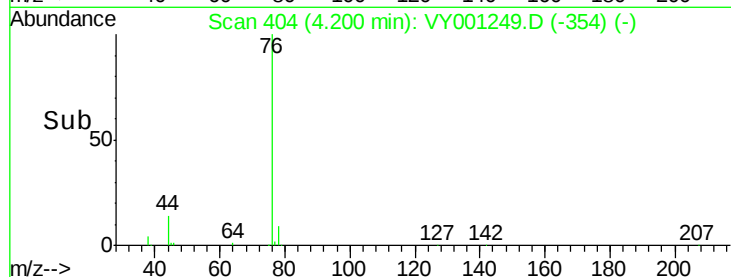
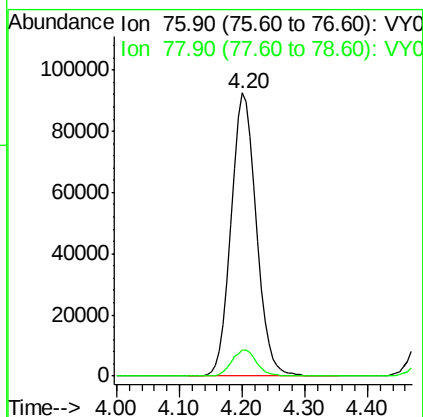
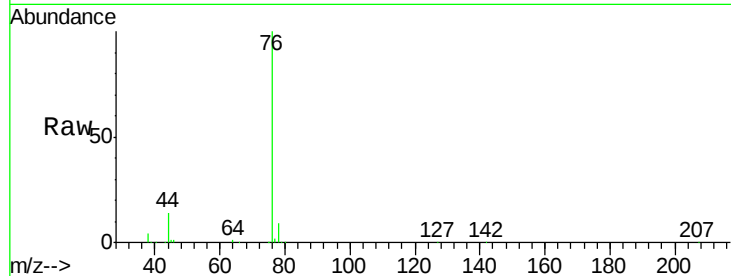




#17
Carbon Disulfide
Concen: 54.666 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

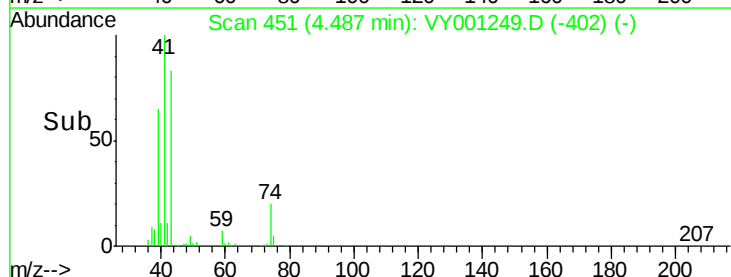
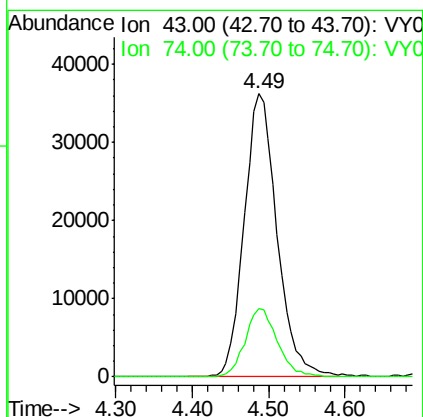
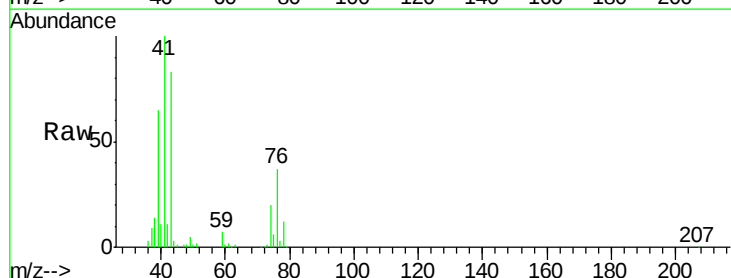
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

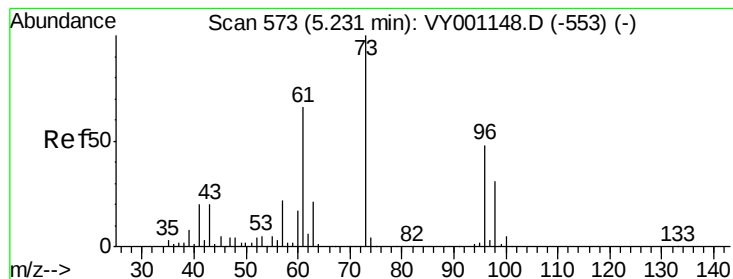
Tgt Ion: 76 Resp: 257505
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 93.724 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion: 43 Resp: 108212
Ion Ratio Lower Upper
43 100
74 23.9 20.2 30.2



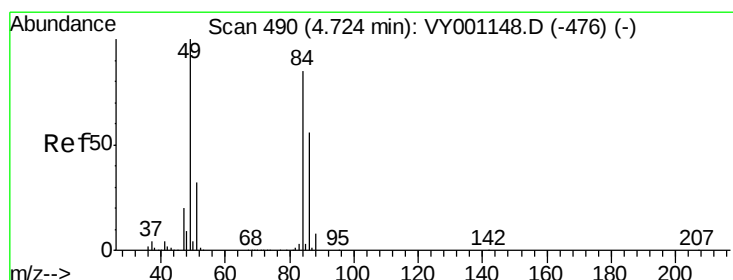
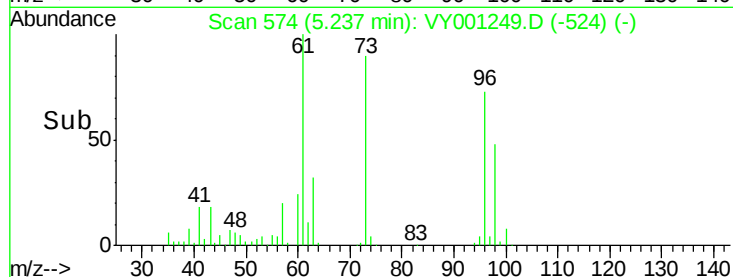
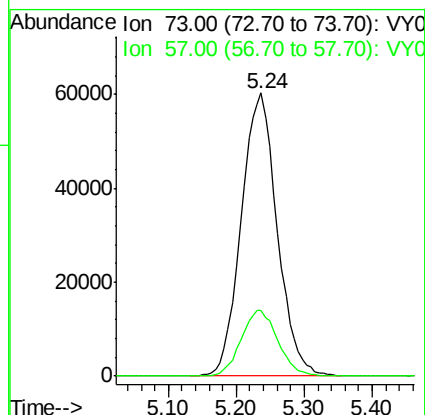
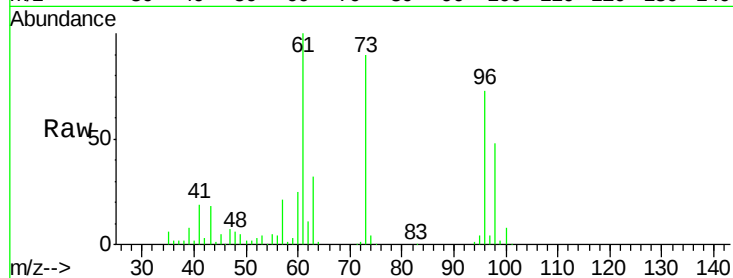


#19

Methyl tert-butyl Ether
 Concen: 54.902 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

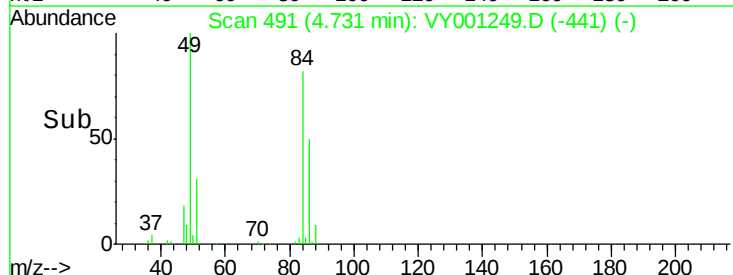
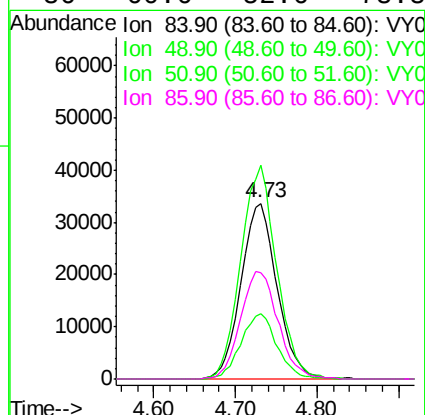
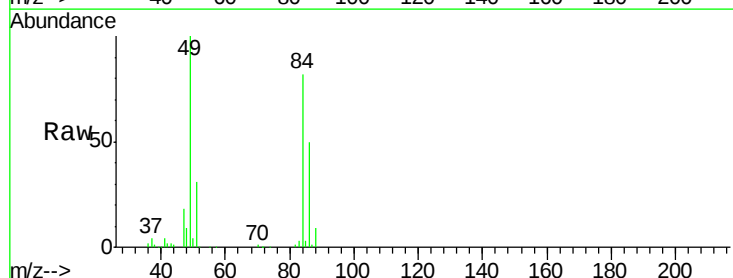
Tgt Ion: 73 Resp: 221024
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.8 26.6

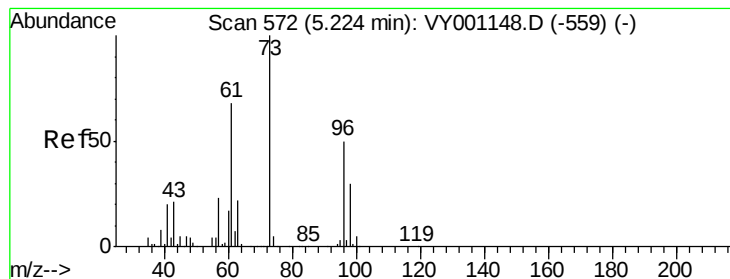


#20

Methylene Chloride
 Concen: 65.143 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion: 84 Resp: 103291
 Ion Ratio Lower Upper
 84 100
 49 121.5 93.8 140.6
 51 37.3 29.9 44.9
 86 60.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 95.068 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

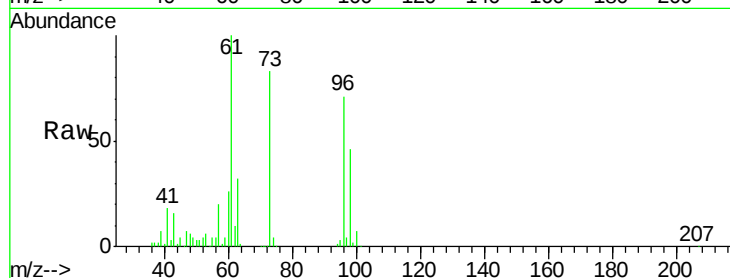
Tgt Ion: 96 Resp: 156889

Ion Ratio Lower Upper

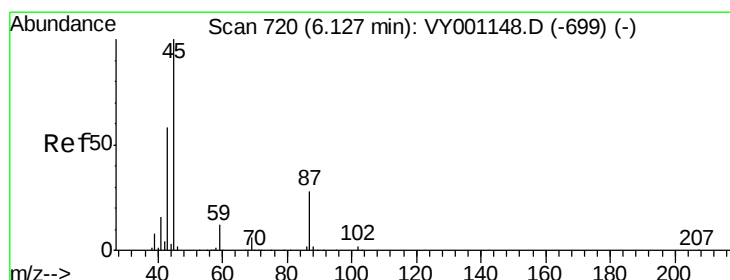
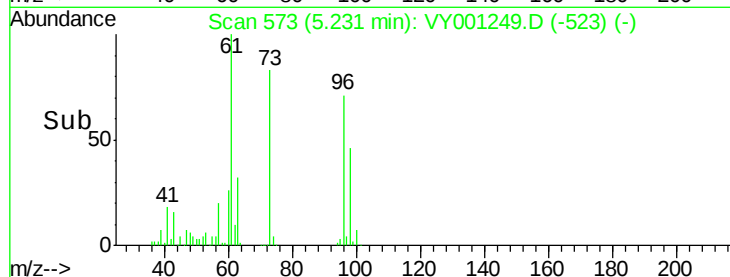
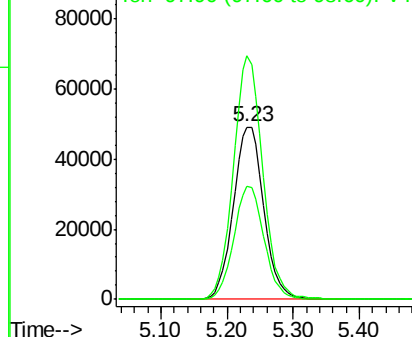
96 100

61 141.1 107.6 161.4

98 65.2 47.6 71.4



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



#22

Diisopropyl ether

Concen: 56.307 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Tgt Ion: 45 Resp: 282496

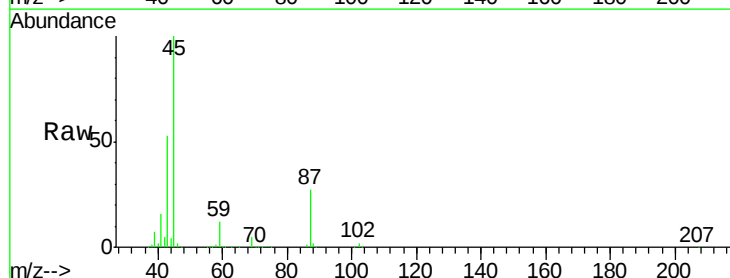
Ion Ratio Lower Upper

45 100

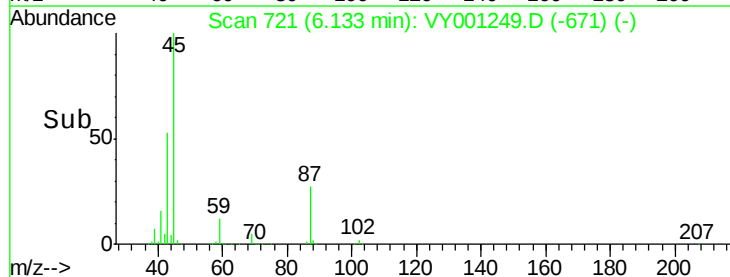
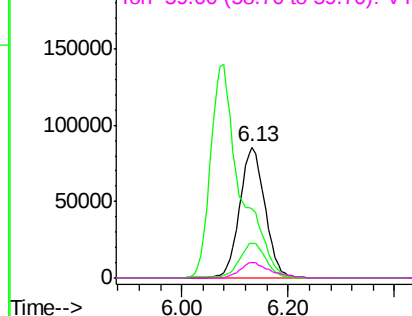
43 52.6 46.5 69.7

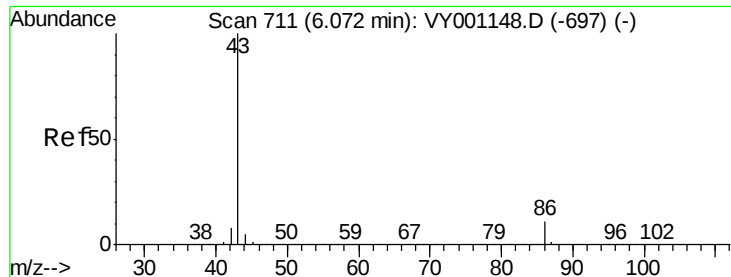
87 26.8 22.5 33.7

59 11.6 9.4 14.0



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





#23

Vinyl Acetate

Concen: 168.631 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

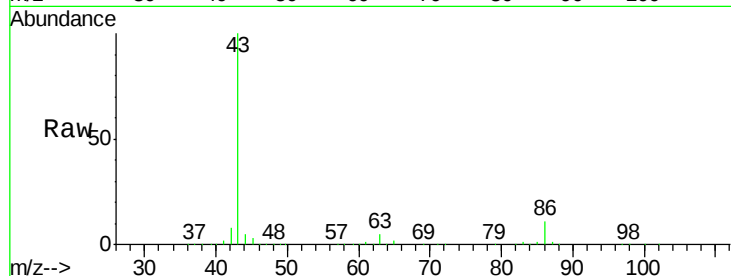
WP022SB457_200113_28-30MS

Tgt Ion: 43 Resp: 541080

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

150000

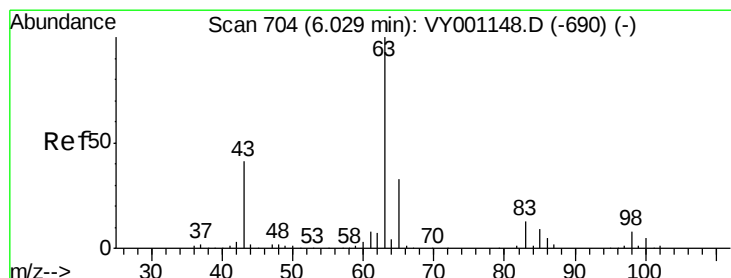
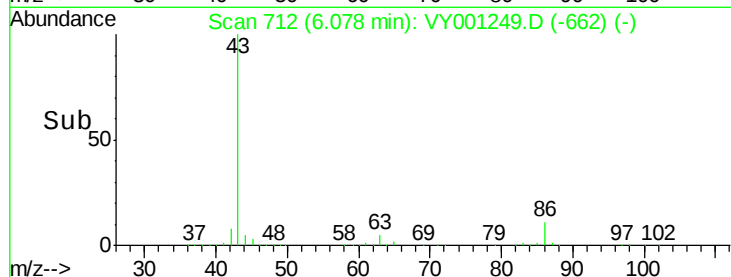
100000

50000

0

6.00 6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 81.302 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

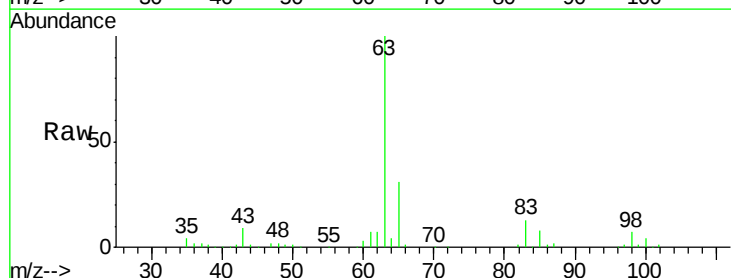
Tgt Ion: 63 Resp: 223309

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

100 4.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

100000

80000

60000

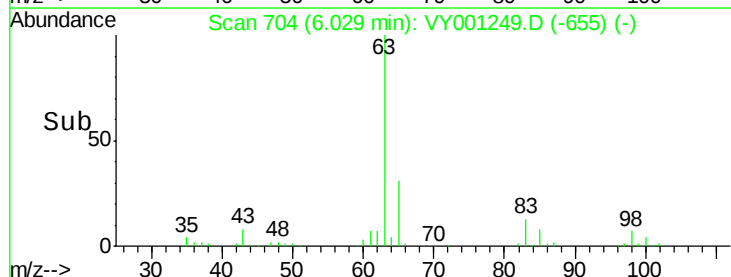
40000

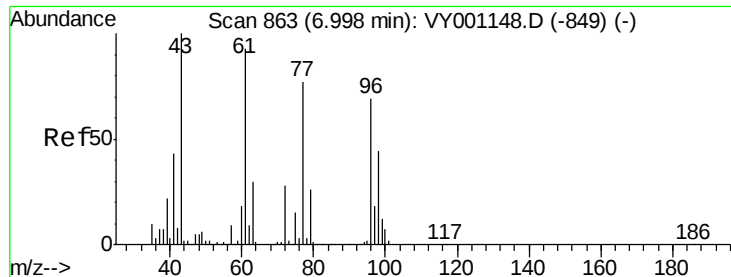
20000

0

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 276.696 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

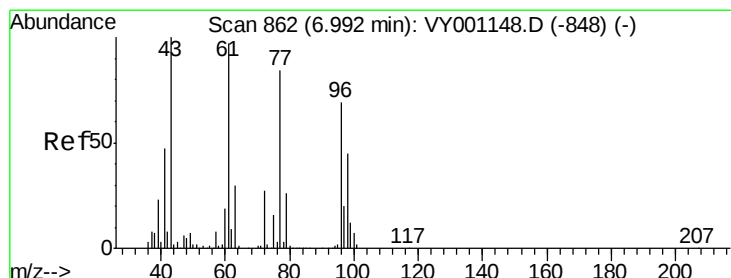
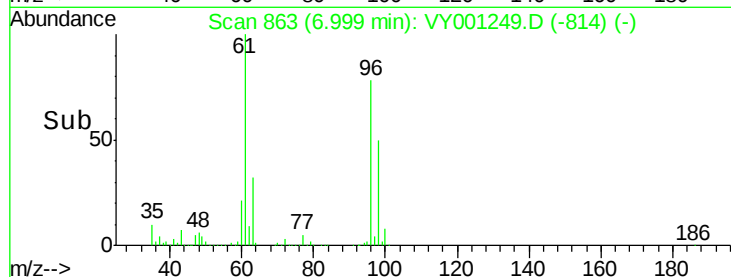
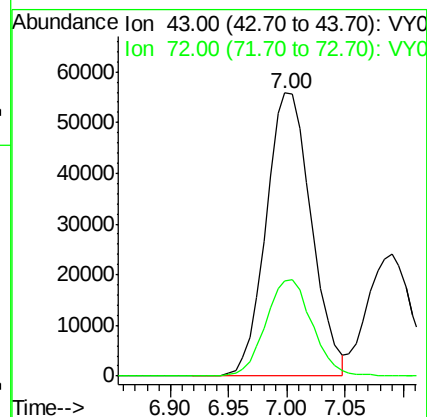
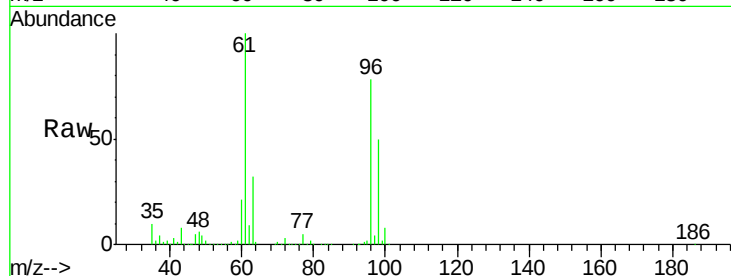
WP022SB457_200113_28-30MS

Tgt Ion: 43 Resp: 150383

Ion Ratio Lower Upper

43 100

72 33.7 22.2 33.2#



#26

2,2-Dichloropropane

Concen: 47.391 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001249.D

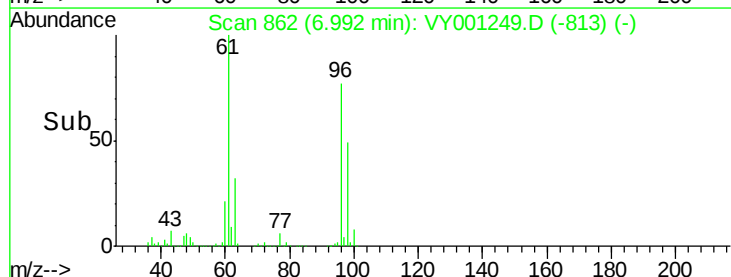
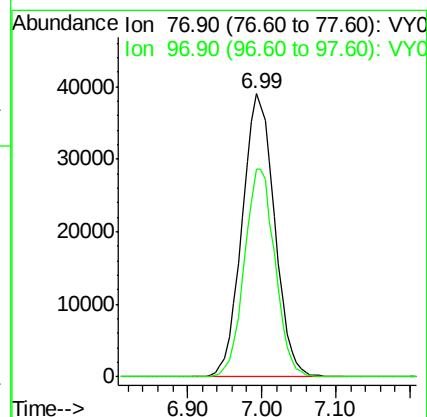
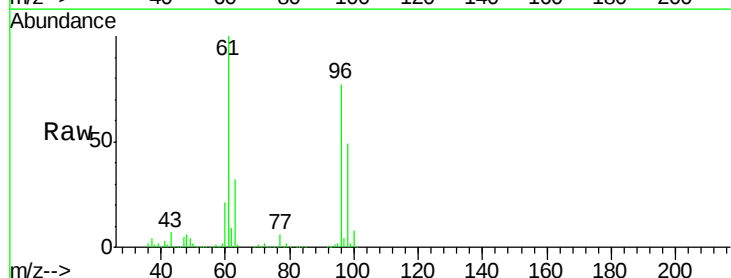
Acq: 16 Jan 2020 03:46

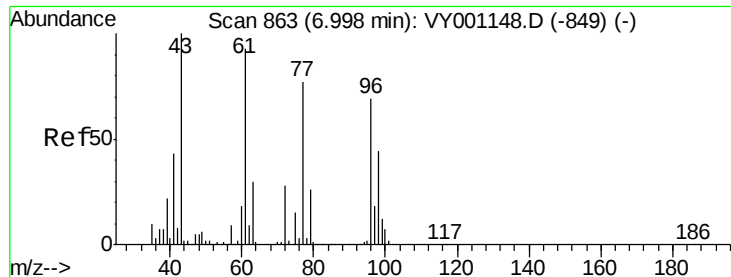
Tgt Ion: 77 Resp: 119699

Ion Ratio Lower Upper

77 100

97 69.2 11.9 35.7#



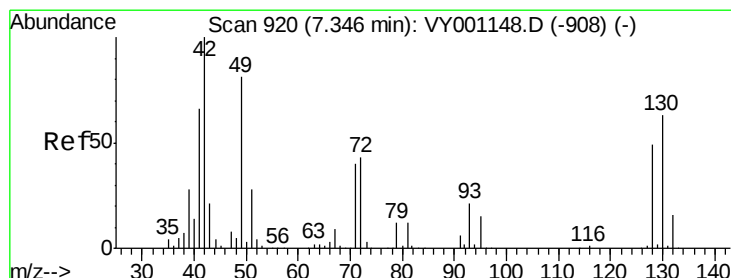
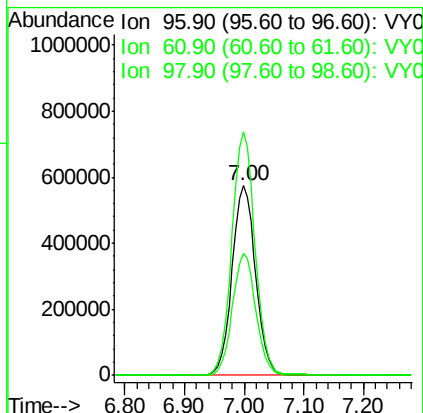
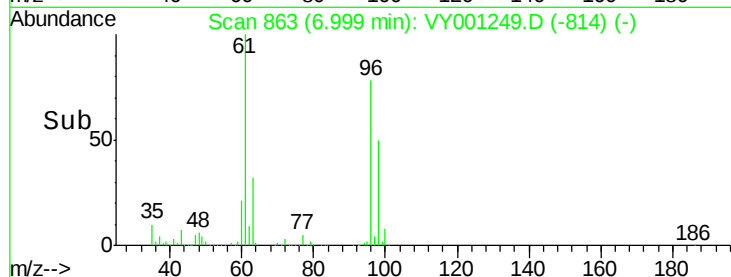
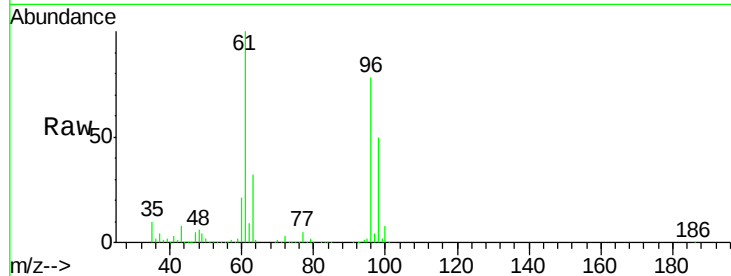


#27

cis-1,2-Dichloroethene
 Concen: 864.592 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

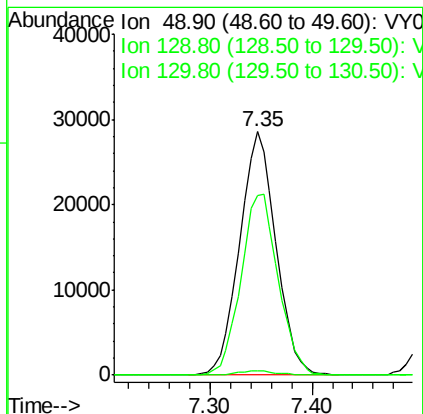
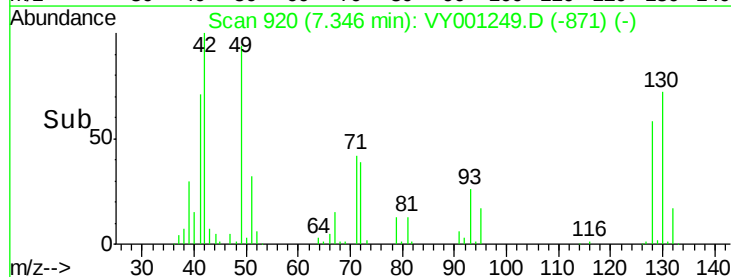
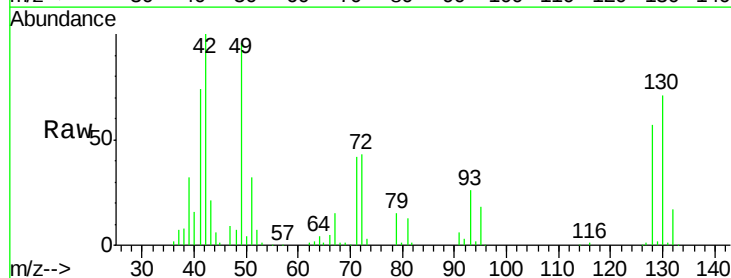
Tgt Ion: 96 Resp: 1563435
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 284.0
 98 64.1 0.0 130.2

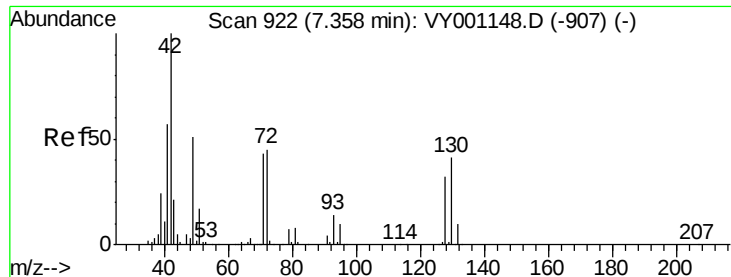


#28

Bromochloromethane
 Concen: 62.543 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion: 49 Resp: 70541
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.4
 130 76.5 61.2 91.8

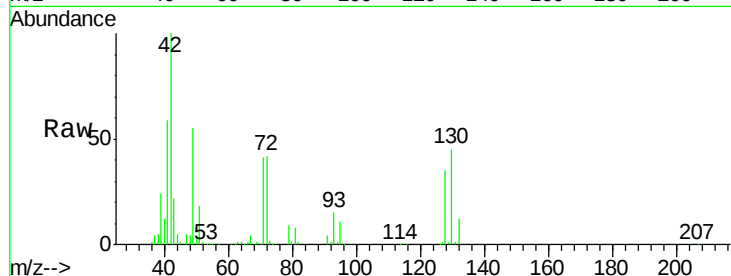




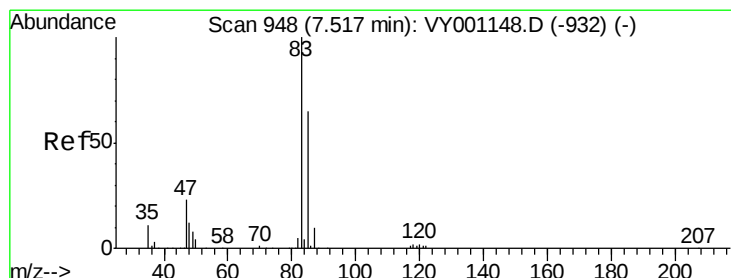
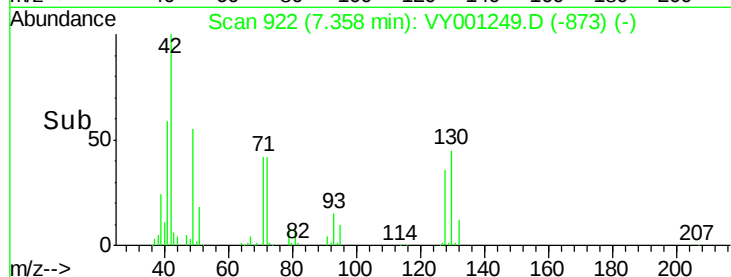
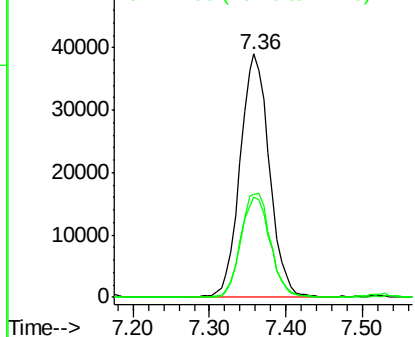
#29
Tetrahydrofuran
Concen: 278.699 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

Tgt Ion: 42 Resp: 103804
Ion Ratio Lower Upper
42 100
72 43.7 36.9 55.3
71 41.4 34.0 51.0

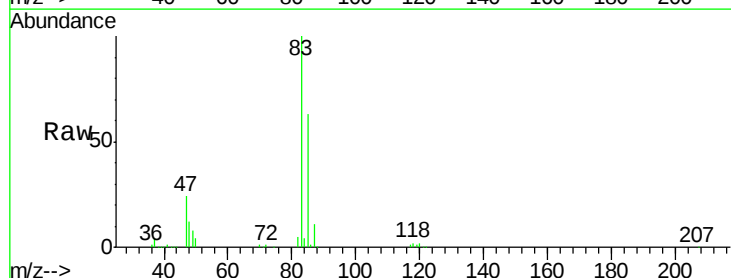


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

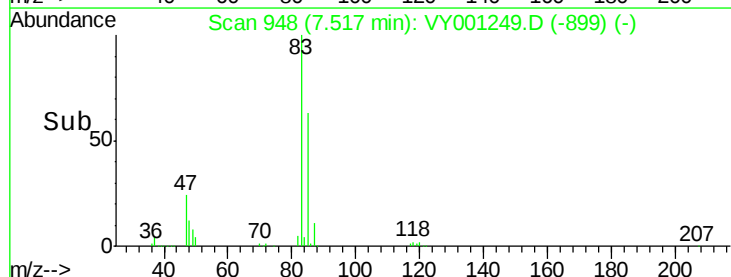
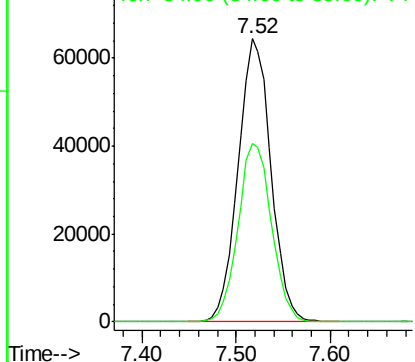


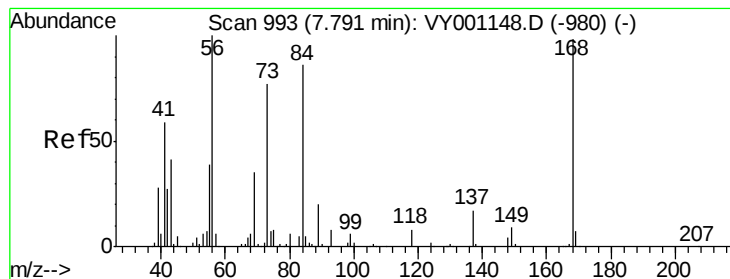
#30
Chloroform
Concen: 58.212 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion: 83 Resp: 156662
Ion Ratio Lower Upper
83 100
85 62.8 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: 51.068 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

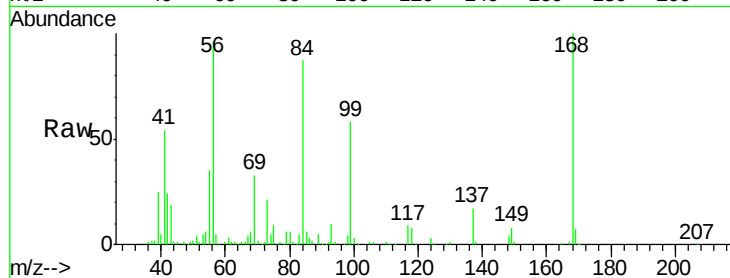
Tgt Ion: 56 Resp: 148514

Ion Ratio Lower Upper

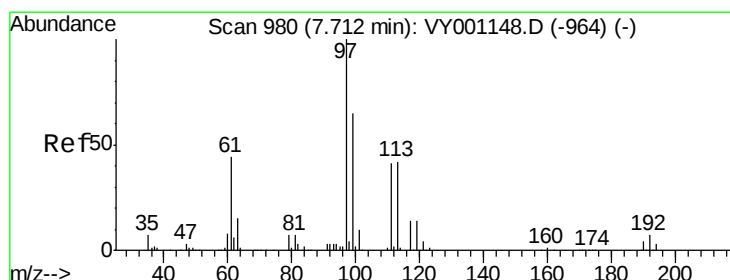
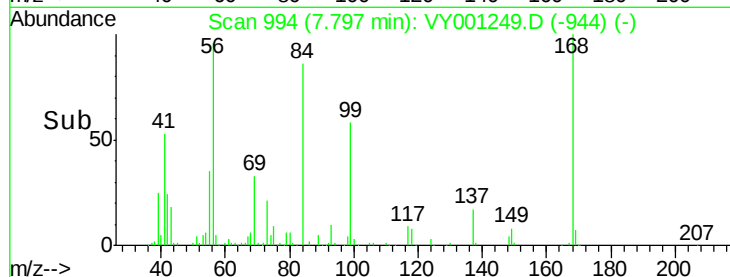
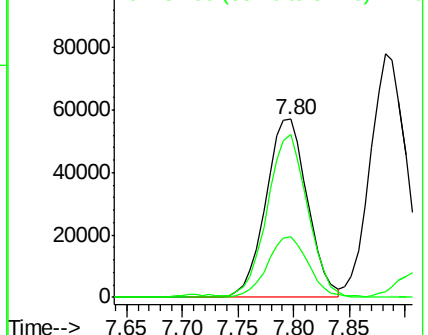
56 100

69 34.0 27.8 41.8

84 90.0 68.9 103.3



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



#32

1,1,1-Trichloroethane

Concen: 55.262 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

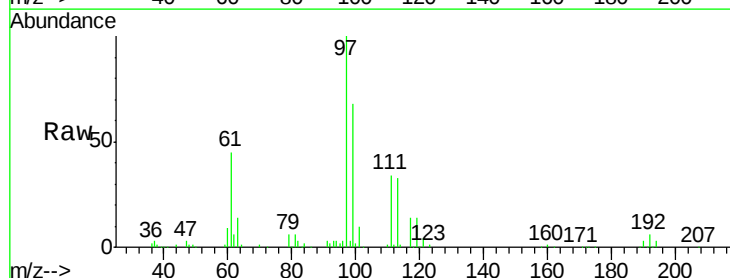
Tgt Ion: 97 Resp: 131961

Ion Ratio Lower Upper

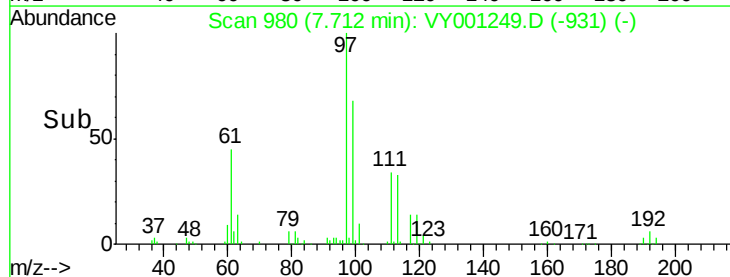
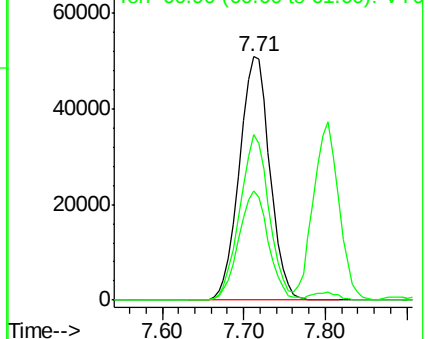
97 100

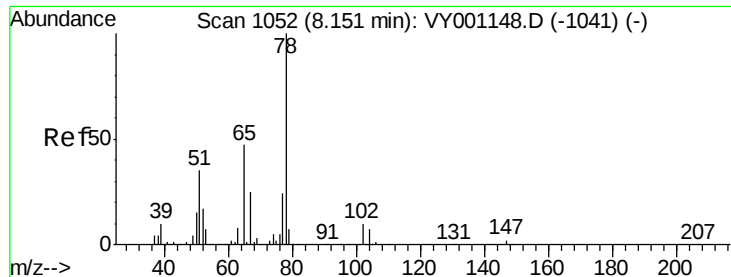
99 65.6 51.3 76.9

61 44.2 34.6 52.0



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





#33

1,2-Dichloroethane-d4

Concen: 55.841 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

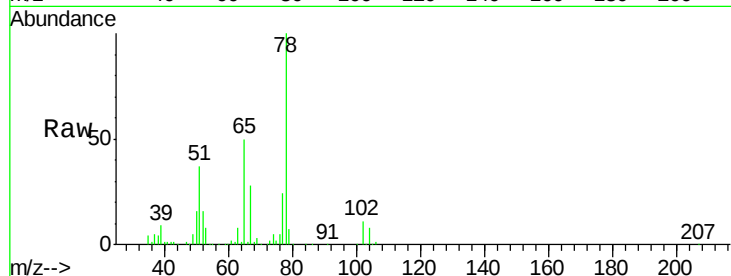
WP022SB457_200113_28-30MS

Tgt Ion: 65 Resp: 83966

Ion Ratio Lower Upper

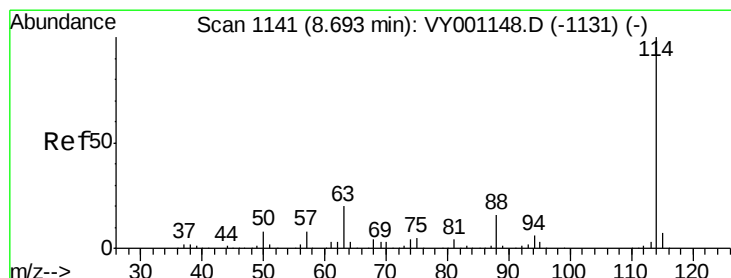
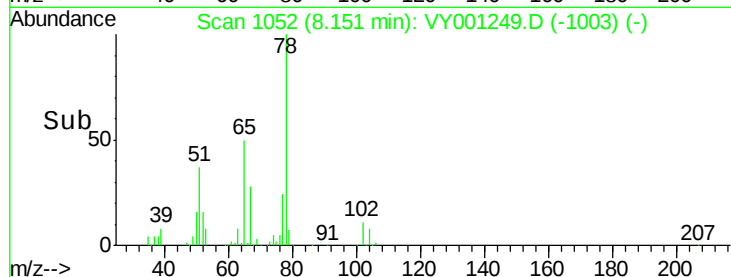
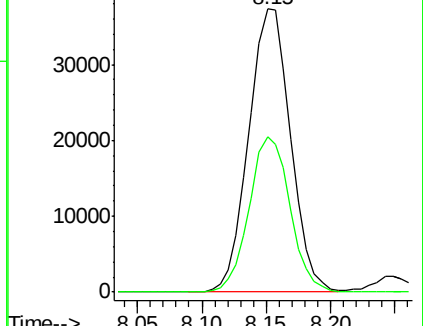
65 100

67 53.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

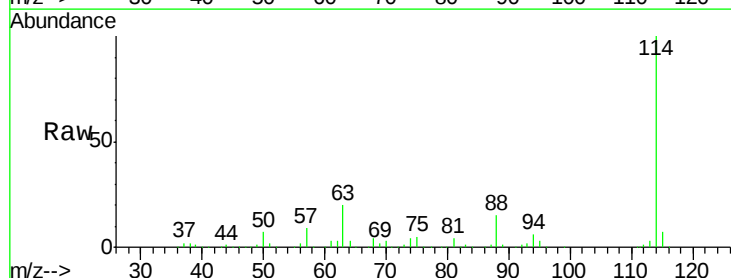
Tgt Ion: 114 Resp: 269830

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

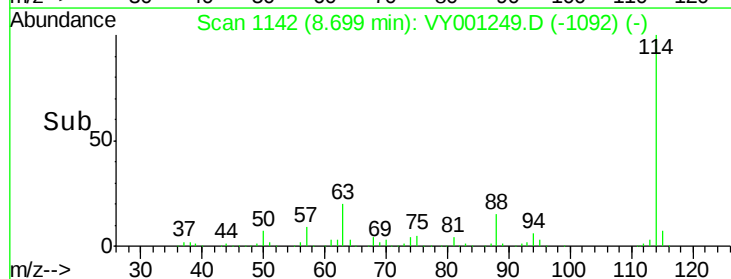
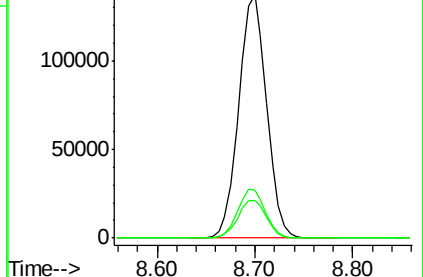
88 15.4 0.0 32.4

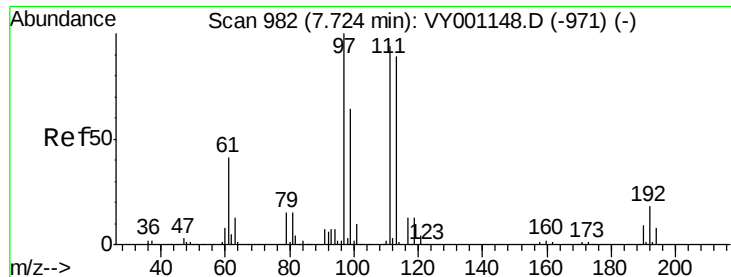


Abundance Ion 113.90 (113.60 to 114.60): VY001148.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY001148.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY001148.D (-1131) (-)





#35

Dibromofluoromethane

Concen: 50.401 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

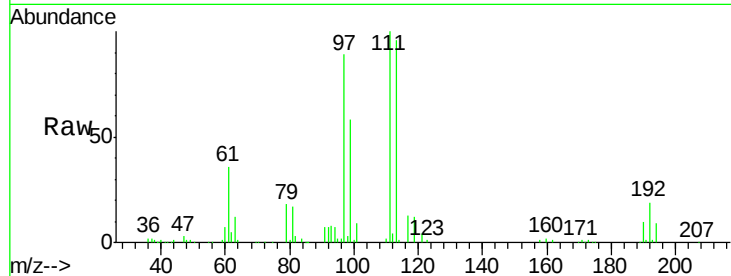
Tgt Ion:113 Resp: 79626

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

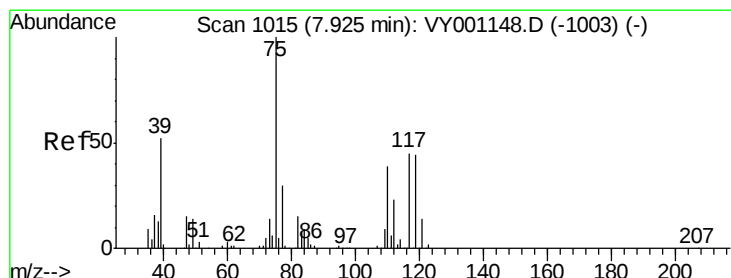
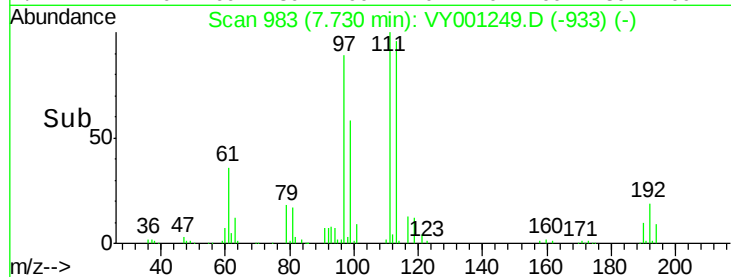
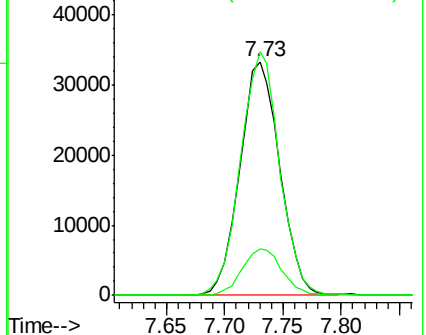
192 19.9 15.4 23.2



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: 49.595 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

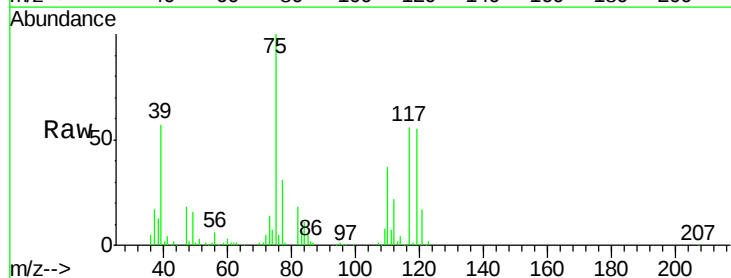
Tgt Ion: 75 Resp: 121970

Ion Ratio Lower Upper

75 100

110 36.2 18.3 54.8

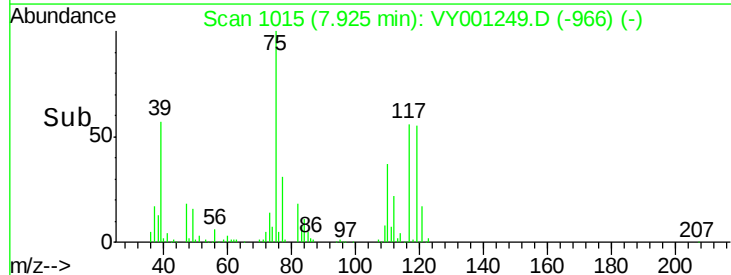
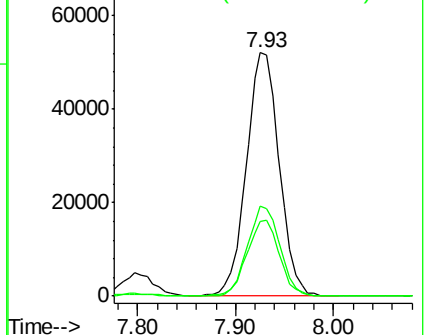
77 30.8 25.1 37.7

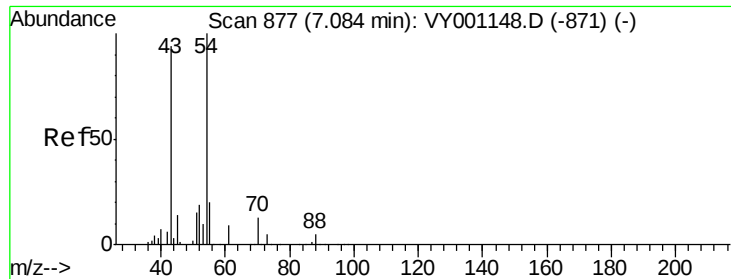


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

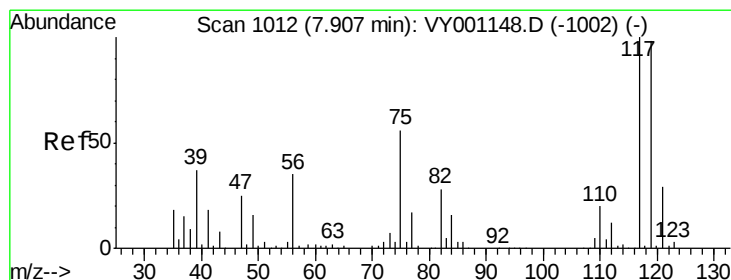
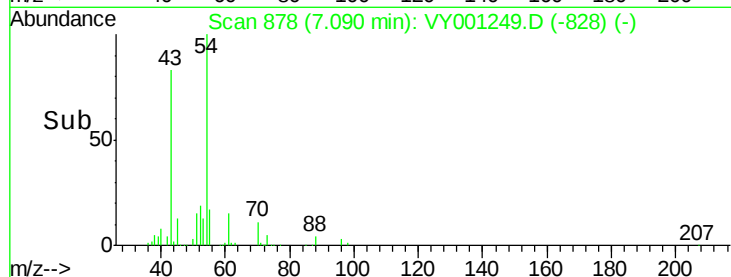
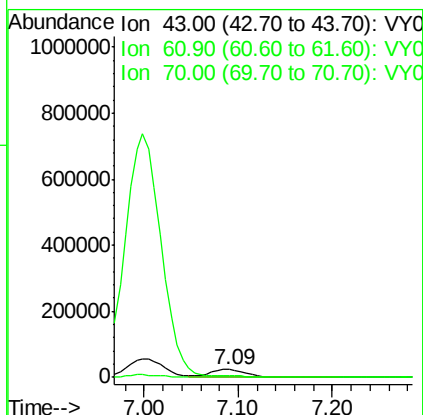
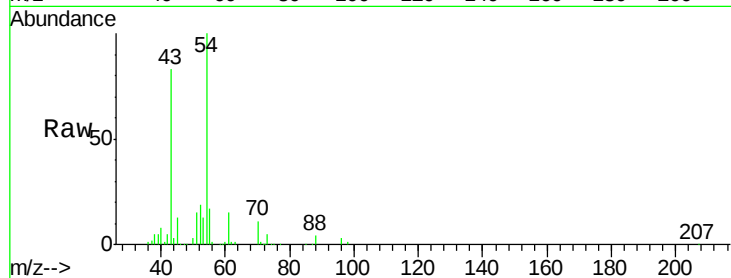




#37
Ethyl Acetate
Concen: 45.454 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

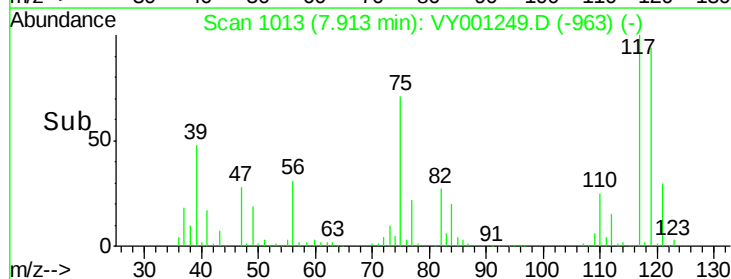
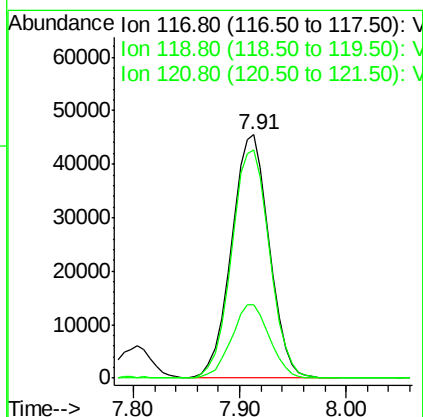
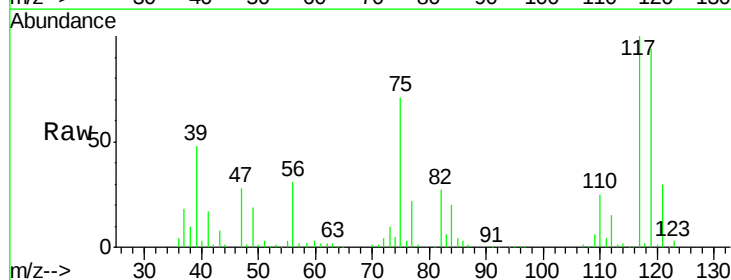
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

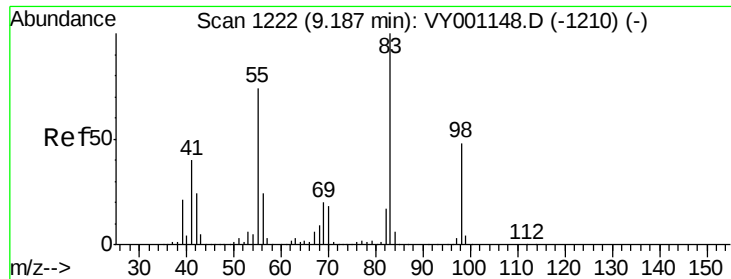
Tgt Ion: 43 Resp: 65605
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 11.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 50.114 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion: 117 Resp: 112950
Ion Ratio Lower Upper
117 100
119 94.0 78.3 117.5
121 29.9 23.5 35.3

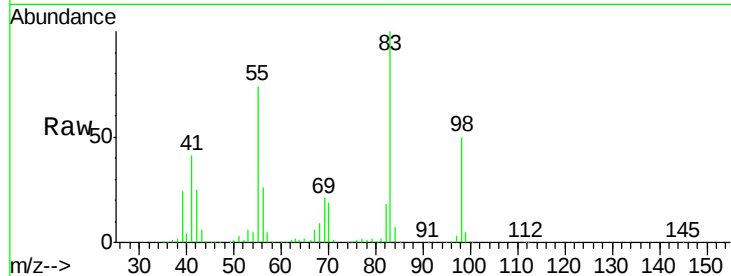




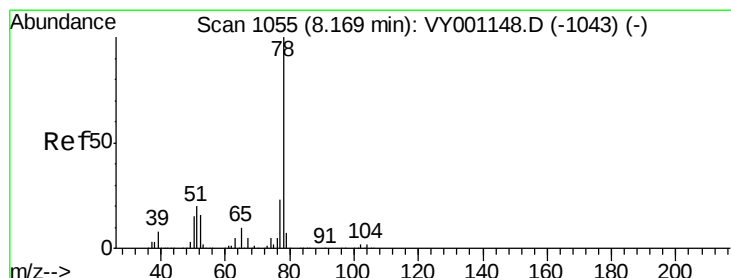
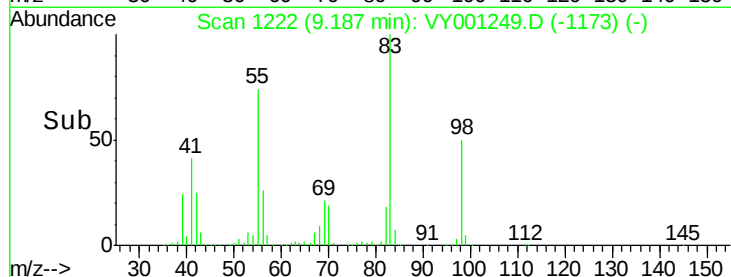
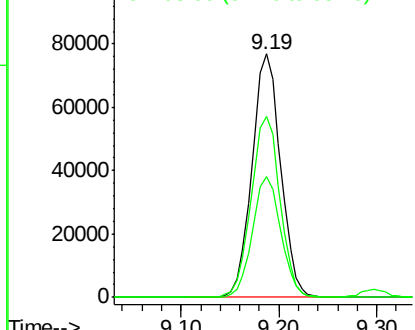
#39
Methylcyclohexane
Concen: 46.835 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

Tgt Ion: 83 Resp: 156155
Ion Ratio Lower Upper
83 100
55 74.3 58.9 88.3
98 49.5 38.4 57.6

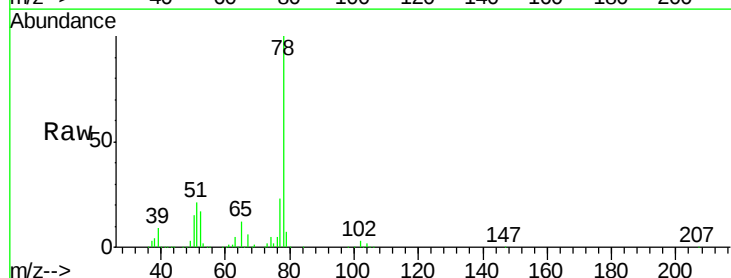


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

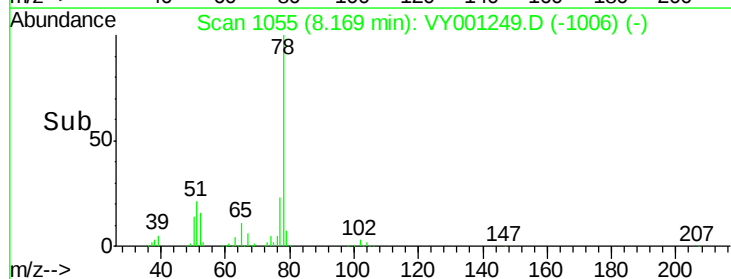
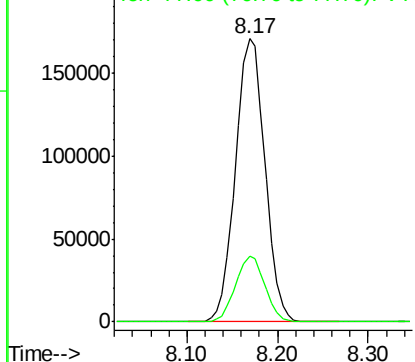


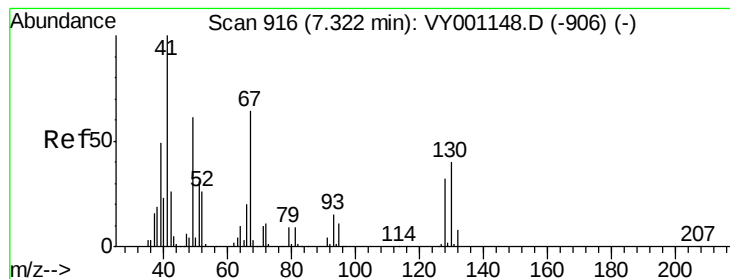
#40
Benzene
Concen: 53.621 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion: 78 Resp: 384947
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 141.497 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.04 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

Tgt Ion: 41 Resp: 95933

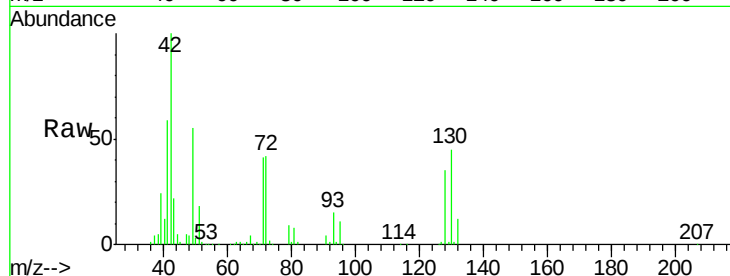
Ion Ratio Lower Upper

41 100

39 0.0 103.5 155.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

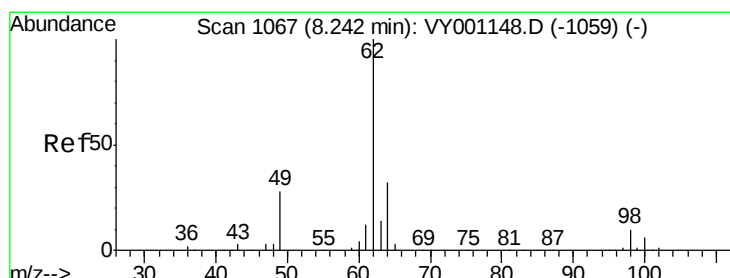
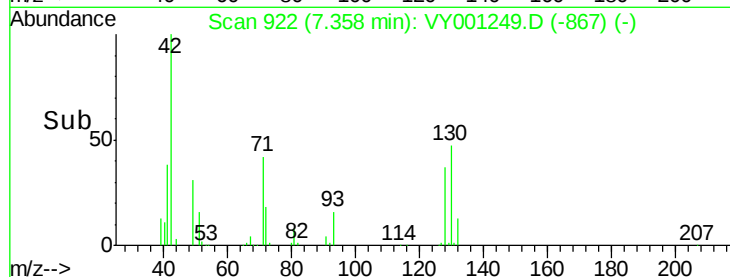
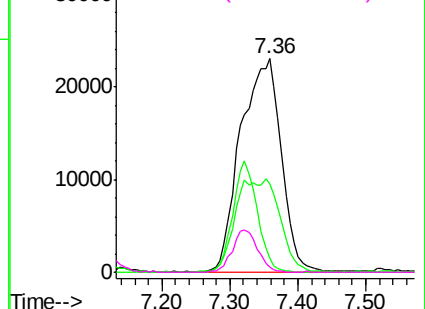


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 50.923 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VY001249.D

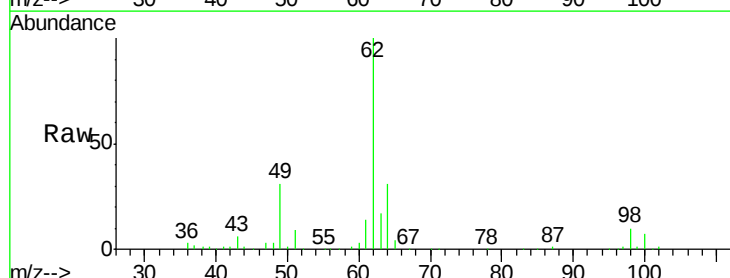
Acq: 16 Jan 2020 03:46

Tgt Ion: 62 Resp: 102365

Ion Ratio Lower Upper

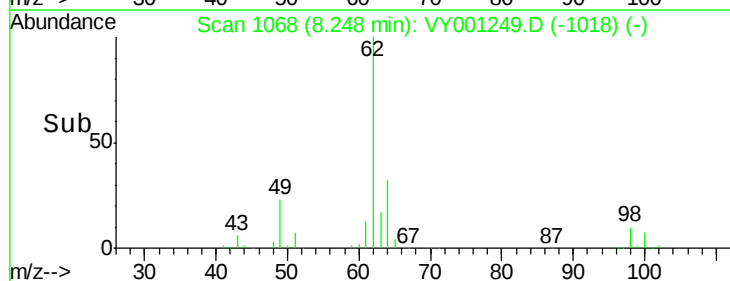
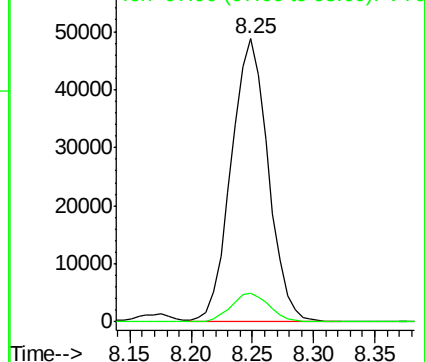
62 100

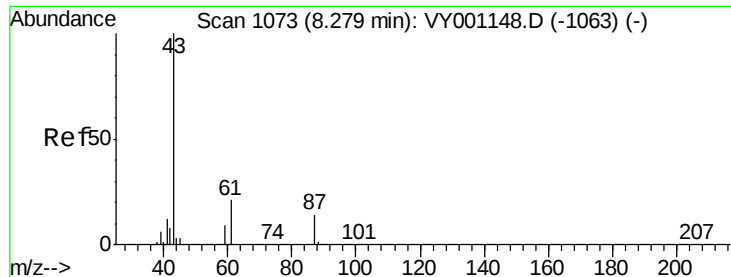
98 10.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

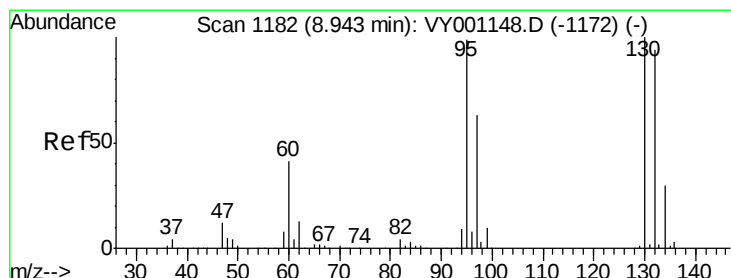
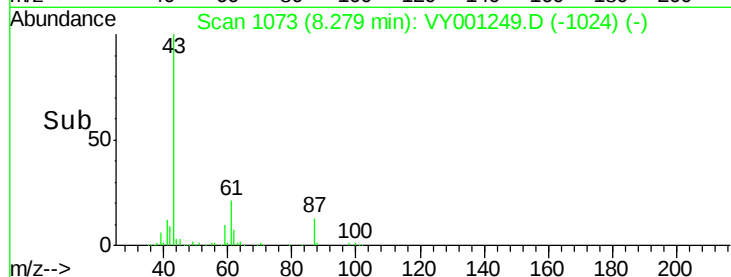
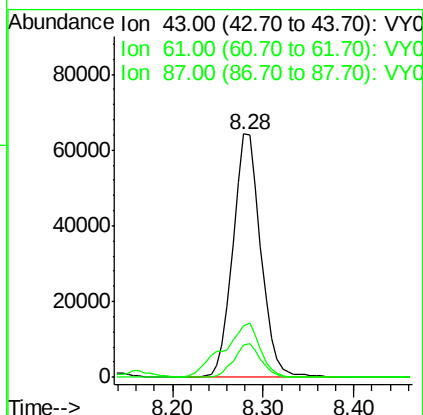
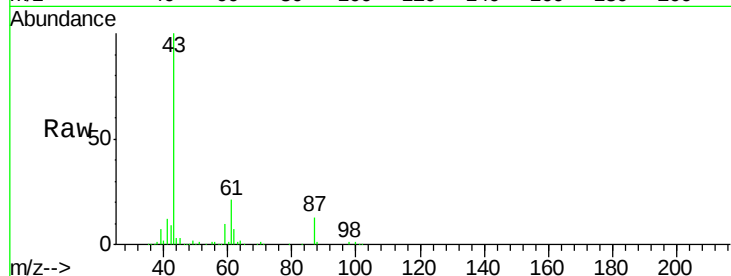




#43
Isopropyl Acetate
Concen: 49.516 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

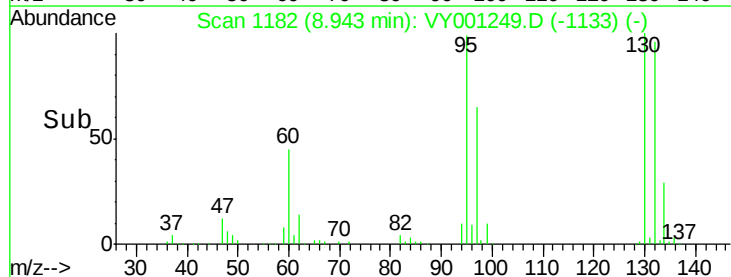
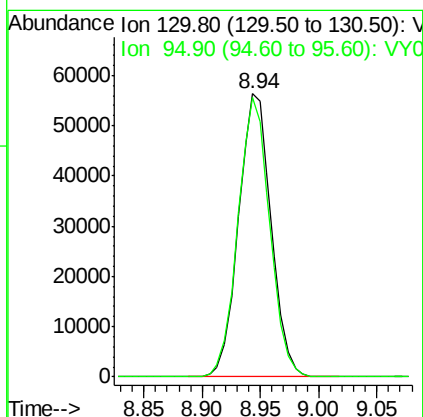
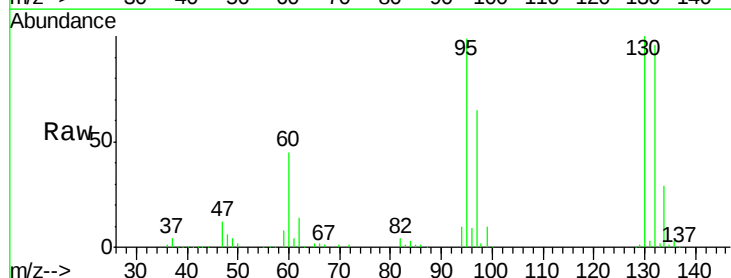
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

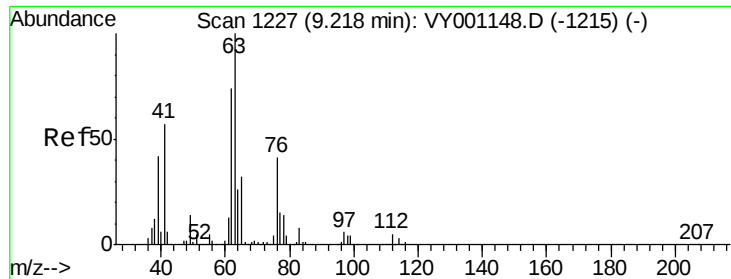
Tgt Ion: 43 Resp: 136660
Ion Ratio Lower Upper
43 100
61 29.7 23.9 35.9
87 13.2 11.4 17.2



#44
Trichloroethene
Concen: 58.496 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion: 130 Resp: 109424
Ion Ratio Lower Upper
130 100
95 99.0 0.0 197.6





#45

1,2-Dichloropropane

Concen: 52.550 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

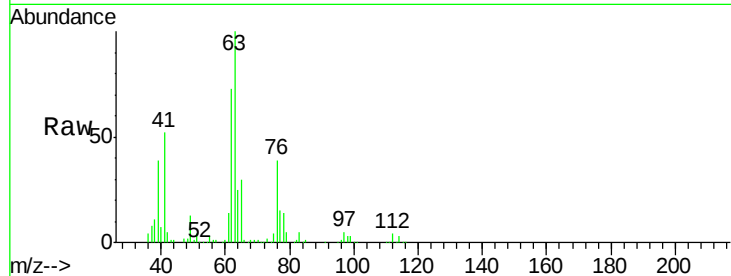
WP022SB457_200113_28-30MS

Tgt Ion: 63 Resp: 93265

Ion Ratio Lower Upper

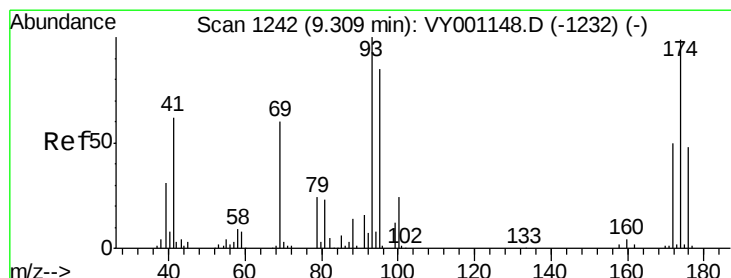
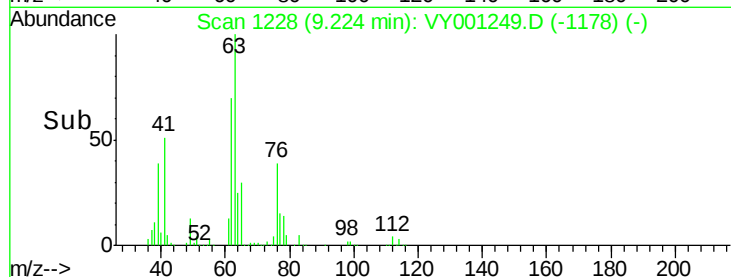
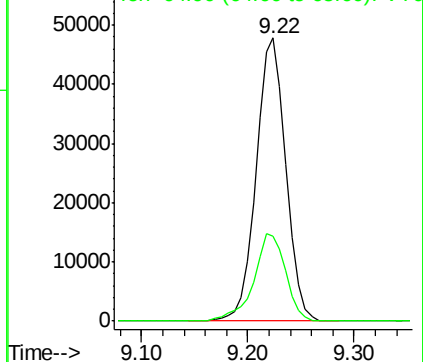
63 100

65 30.1 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 50.705 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

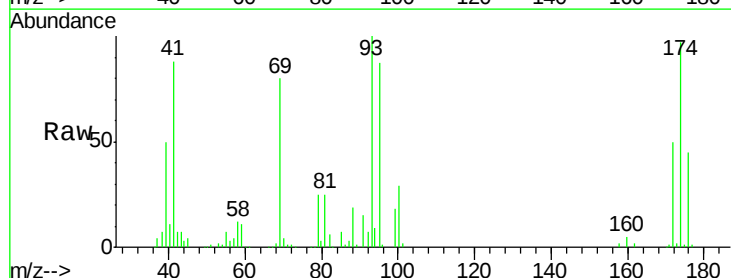
Tgt Ion: 93 Resp: 49100

Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

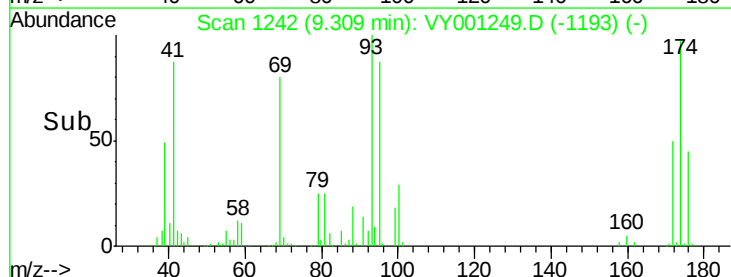
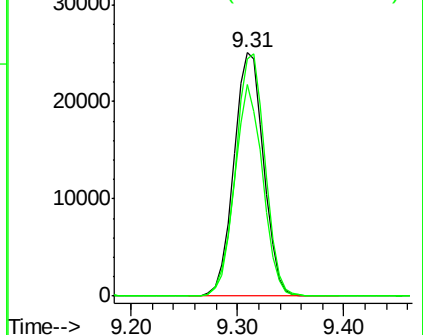
174 98.3 78.4 117.6

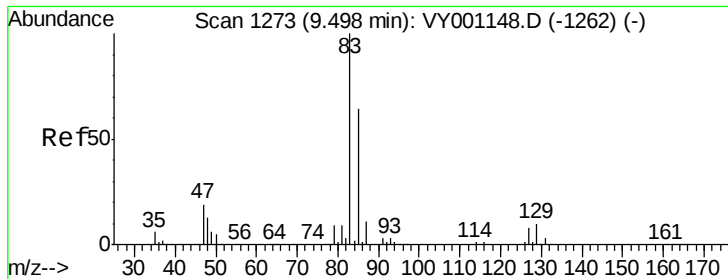


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.135 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

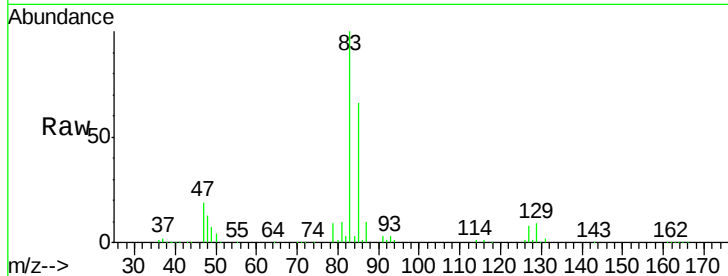
Tgt Ion: 83 Resp: 120677

Ion Ratio Lower Upper

83 100

85 65.8 51.5 77.3

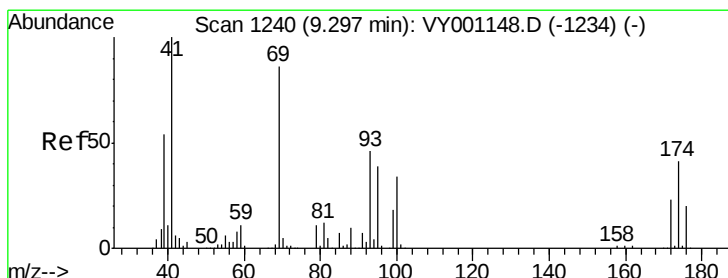
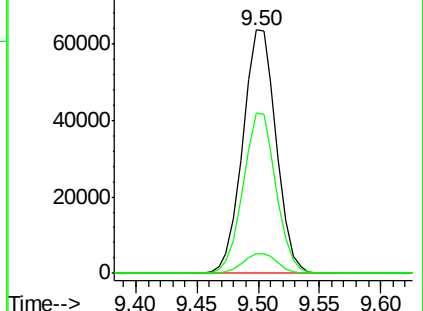
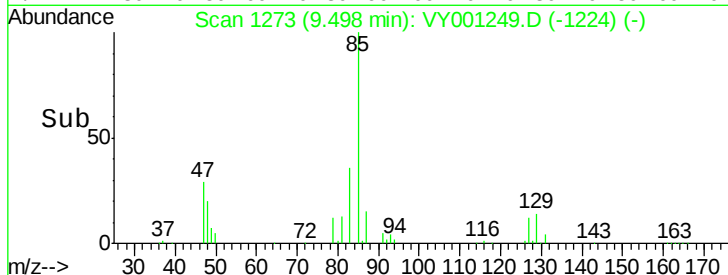
127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VY001249.D (-1224) (-)

Ion 84.90 (84.60 to 85.60): VY001249.D (-1224) (-)

Ion 126.80 (126.50 to 127.50): VY001249.D (-1224) (-)



#48

Methyl methacrylate

Concen: 51.241 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

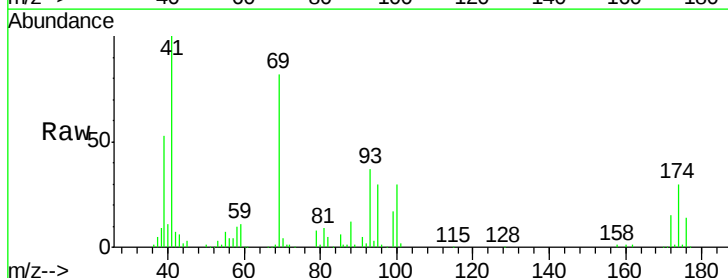
Tgt Ion: 41 Resp: 65443

Ion Ratio Lower Upper

41 100

69 87.3 69.8 104.8

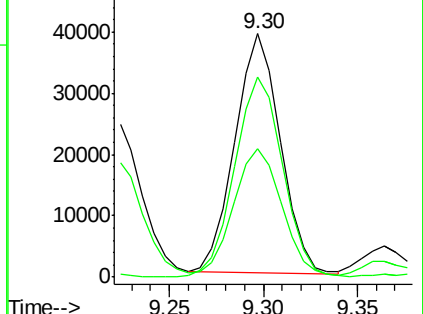
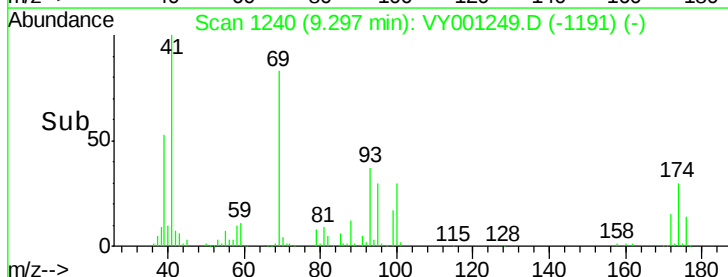
39 57.1 45.2 67.8

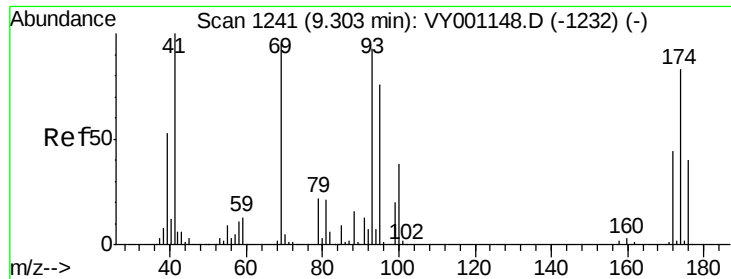


Abundance Ion 41.00 (40.70 to 41.70): VY001249.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY001249.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY001249.D (-1191) (-)

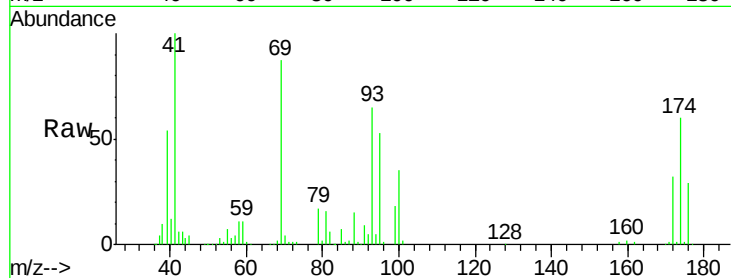




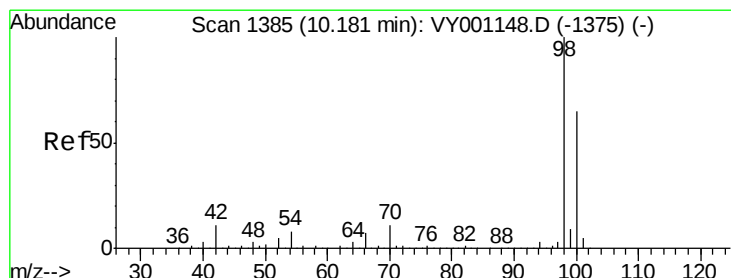
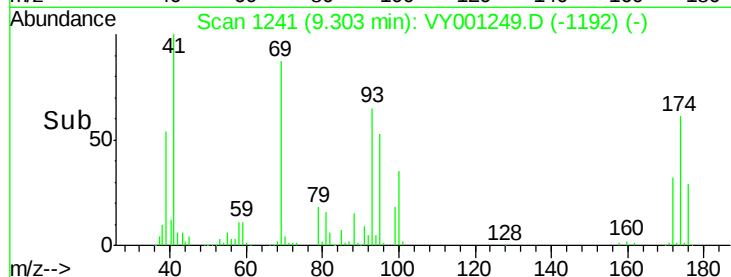
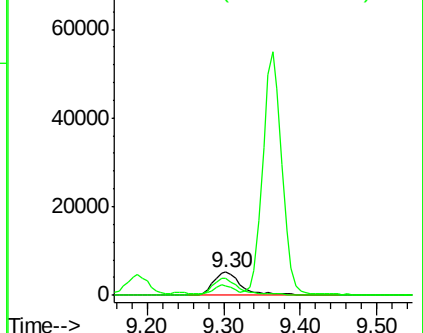
#49
 1,4-Dioxane
 Concen: 1143.664 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

Tgt Ion: 88 Resp: 13487
 Ion Ratio Lower Upper
 88 100
 43 25.3 22.4 33.6
 58 73.1 58.0 87.0

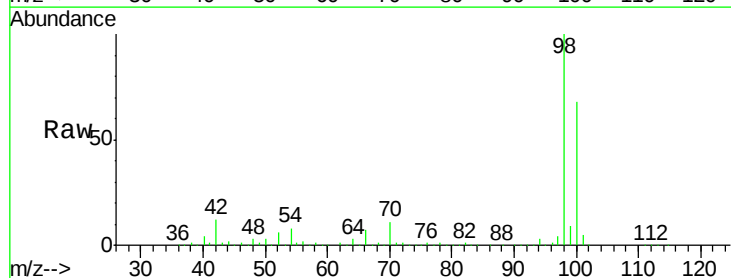


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

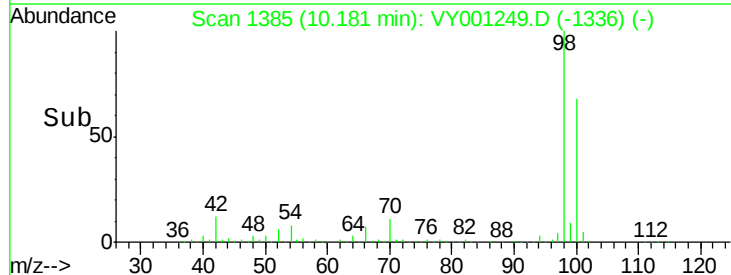
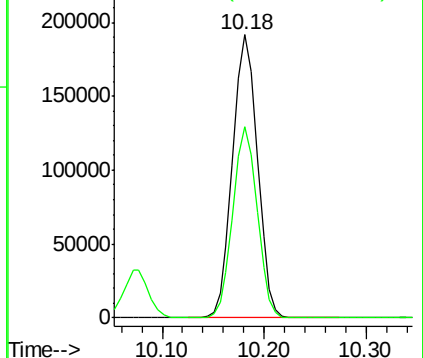


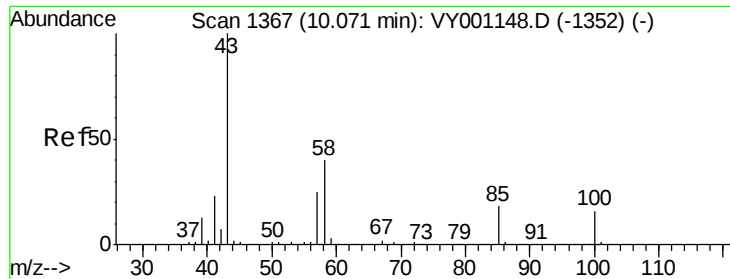
#50
 Toluene-d8
 Concen: 53.084 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion: 98 Resp: 323141
 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: 253.891 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

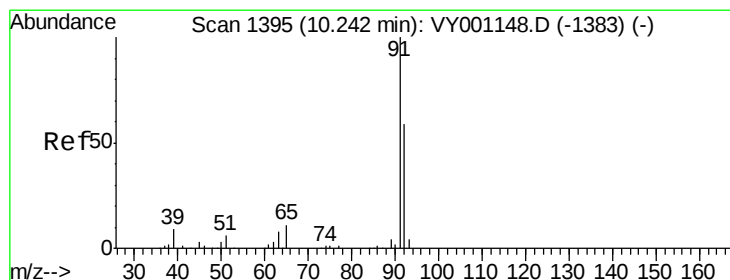
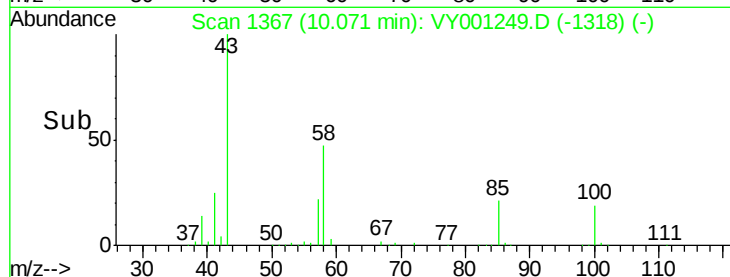
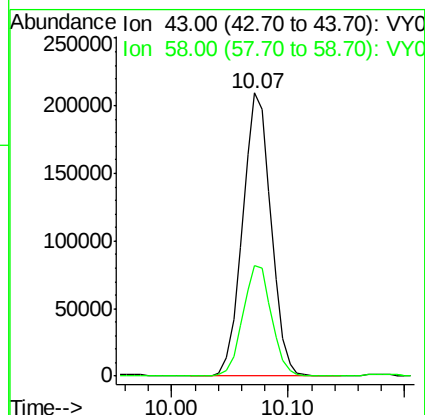
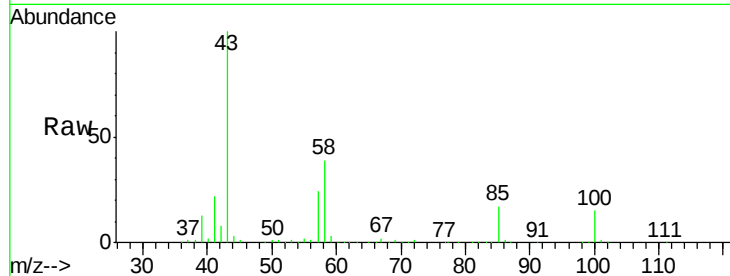
WP022SB457_200113_28-30MS

Tgt Ion: 43 Resp: 355553

Ion Ratio Lower Upper

43 100

58 39.6 32.3 48.5



#52

Toluene

Concen: 52.247 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001249.D

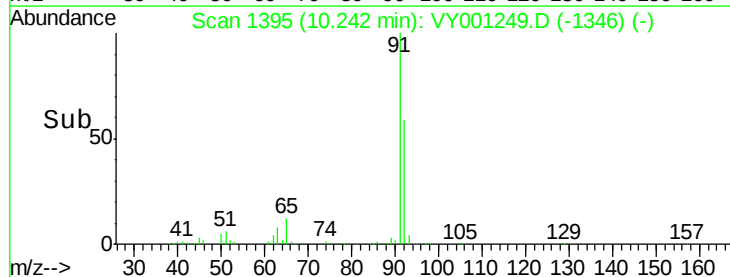
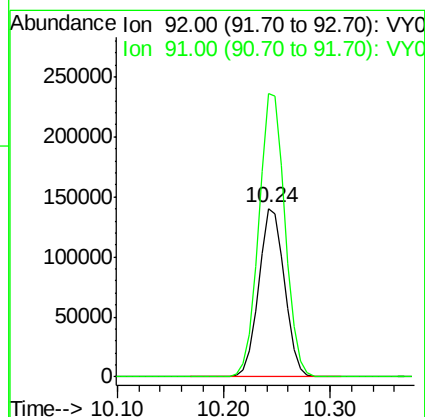
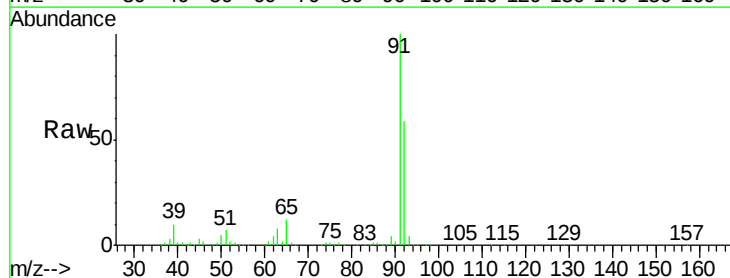
Acq: 16 Jan 2020 03:46

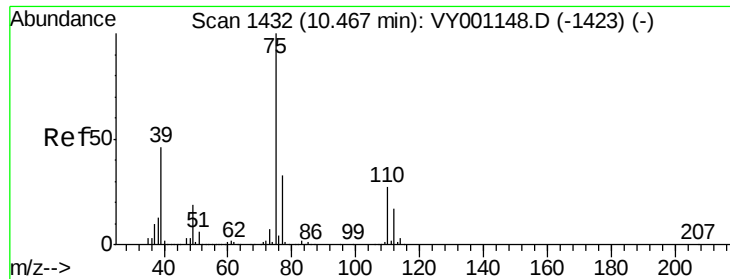
Tgt Ion: 92 Resp: 239228

Ion Ratio Lower Upper

92 100

91 170.1 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 47.847 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

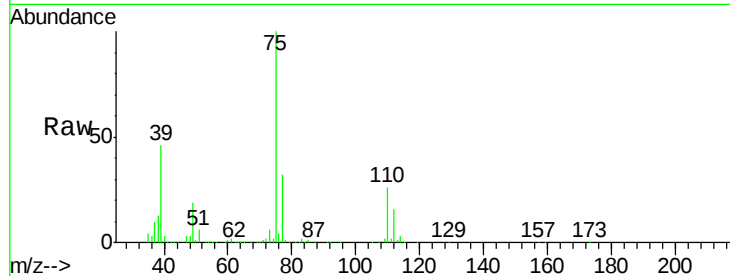
WP022SB457_200113_28-30MS

Tgt Ion: 75 Resp: 126354

Ion Ratio Lower Upper

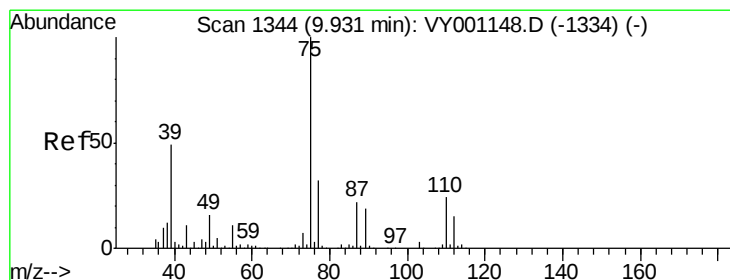
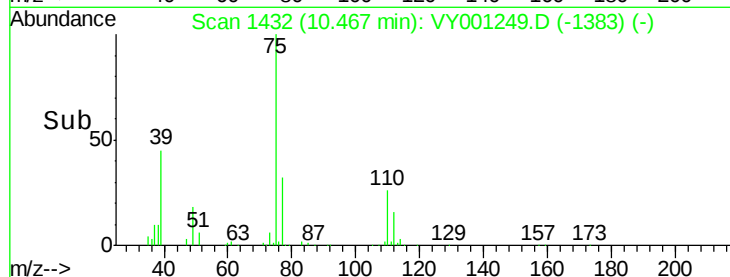
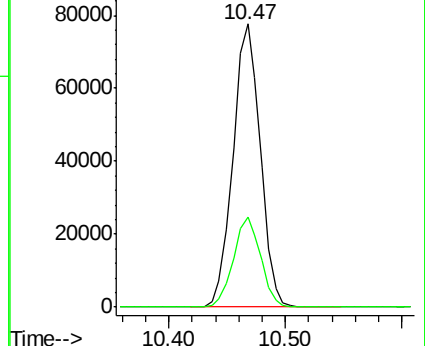
75 100

77 31.9 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 48.590 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

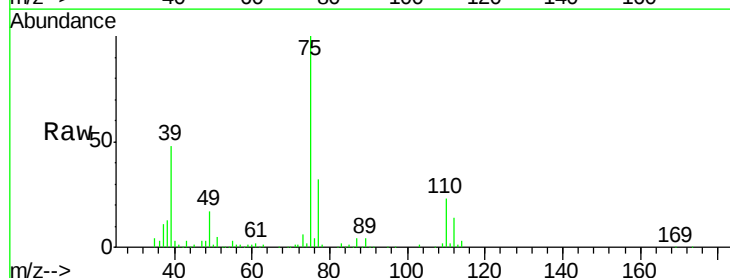
Tgt Ion: 75 Resp: 144671

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

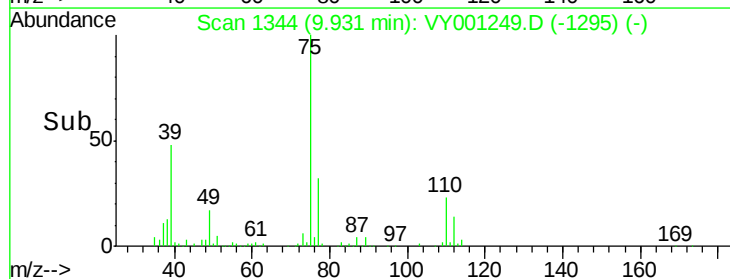
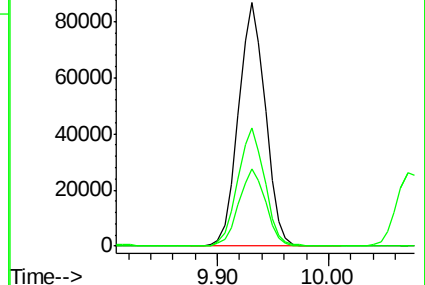
39 48.4 39.1 58.7

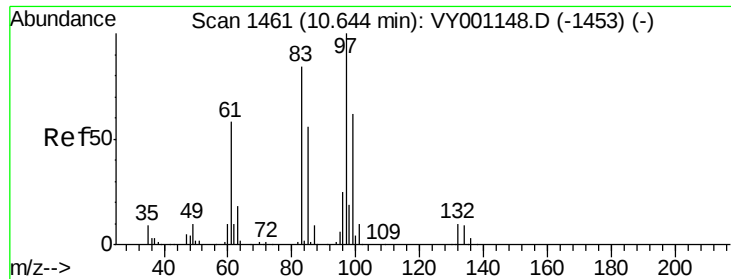


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



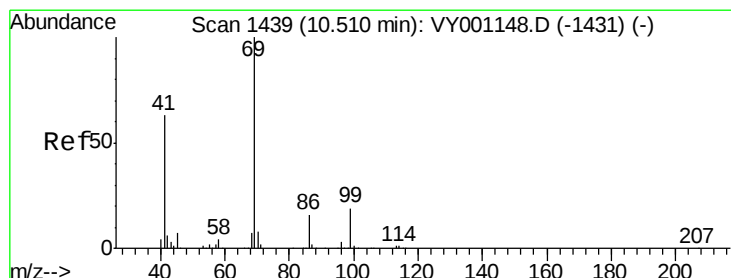
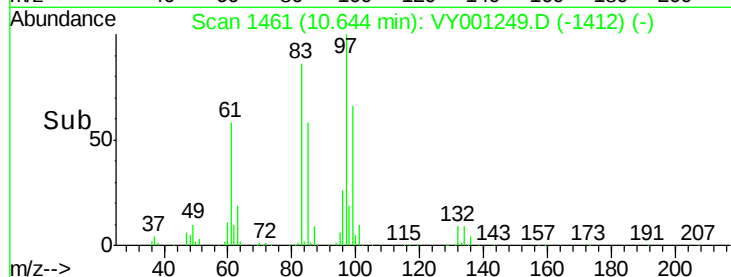
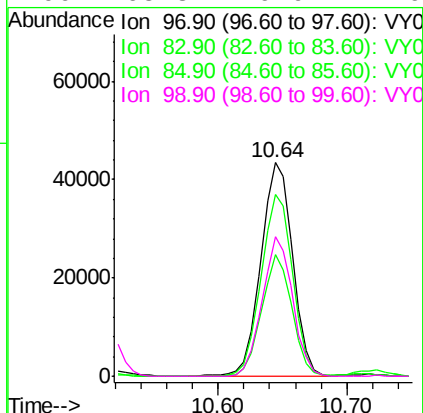
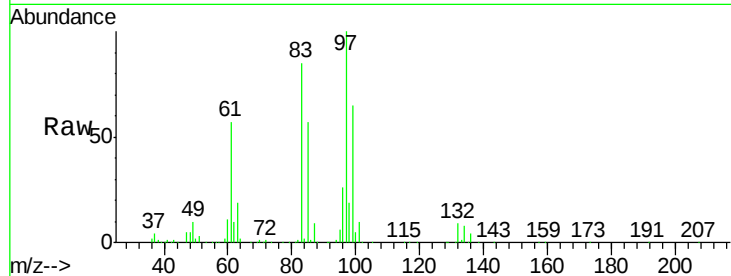


#55
 1,1,2-Trichloroethane
 Concen: 51.695 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

Tgt Ion: 97 Resp: 74212

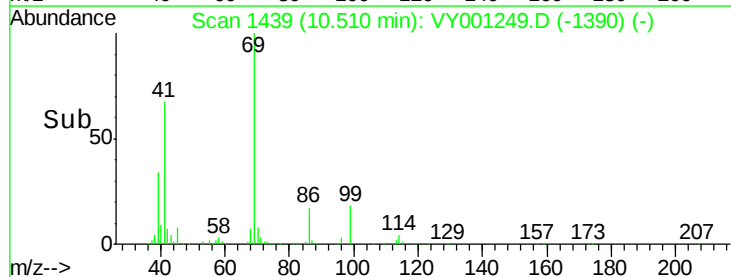
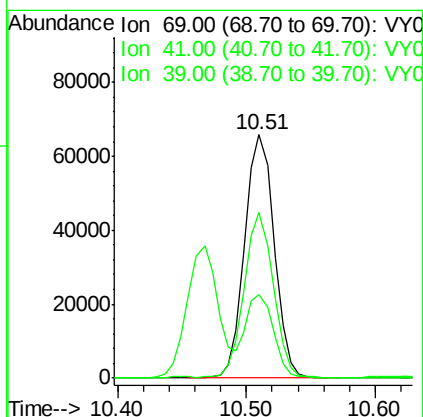
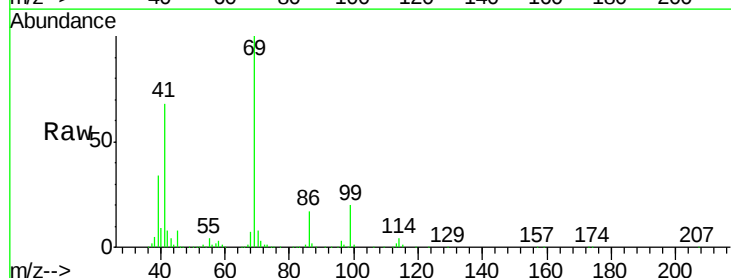
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.2	100.8
85	57.1	44.9	67.3
99	65.3	49.9	74.9

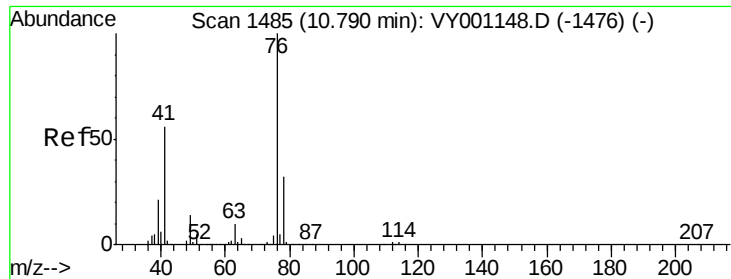


#56
 Ethyl methacrylate
 Concen: 47.184 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion: 69 Resp: 103615

Ion	Ratio	Lower	Upper
69	100		
41	66.8	51.4	77.2
39	32.0	26.3	39.5

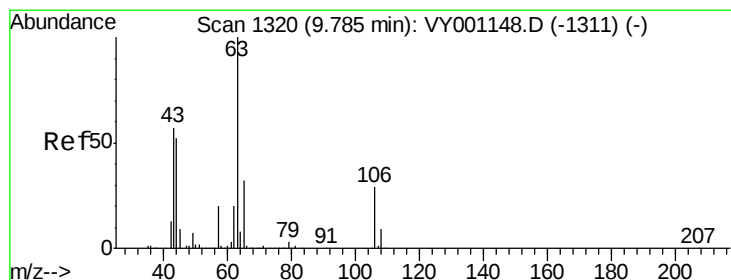
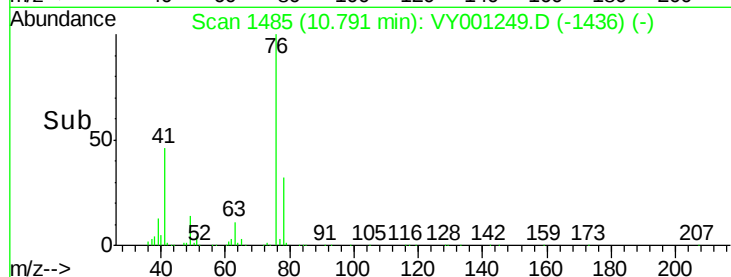
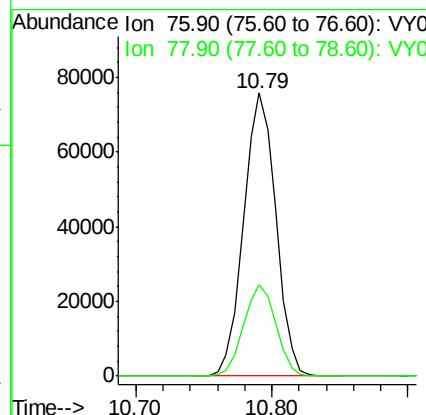
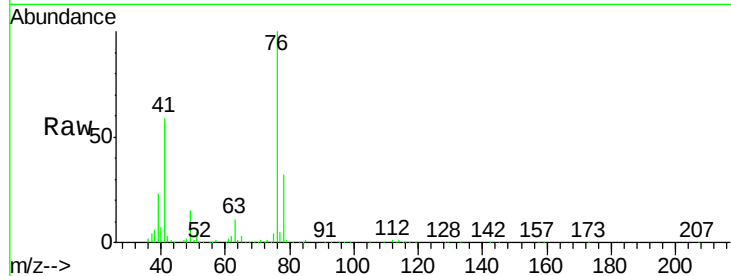




#57
 1,3-Dichloropropane
 Concen: 50.804 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

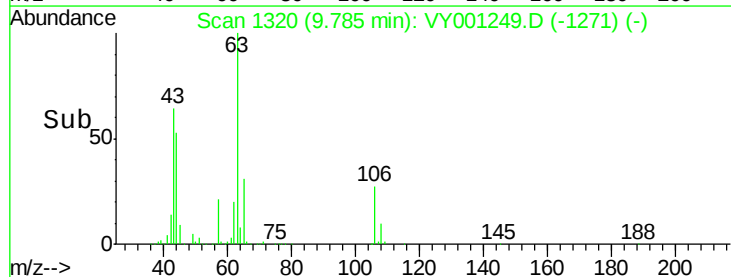
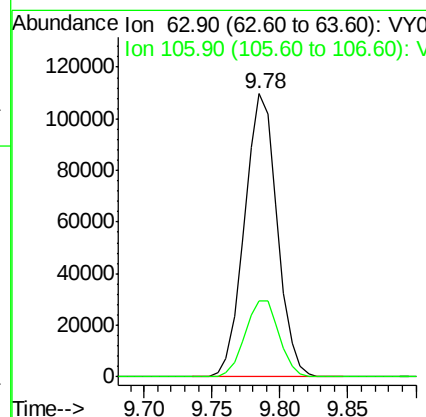
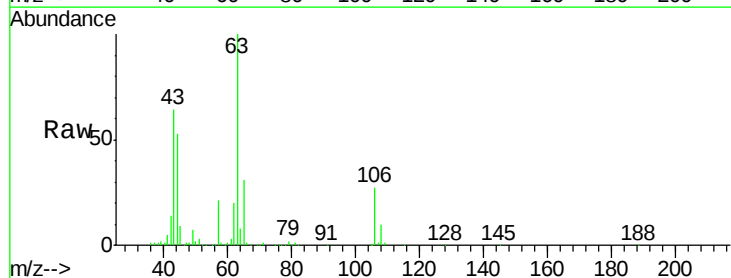
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

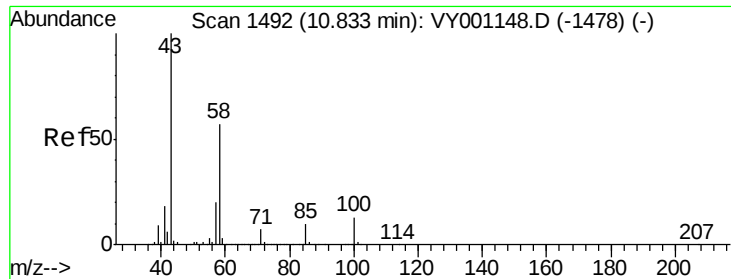
Tgt Ion: 76 Resp: 125207
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.681 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion: 63 Resp: 184344
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.0 34.6

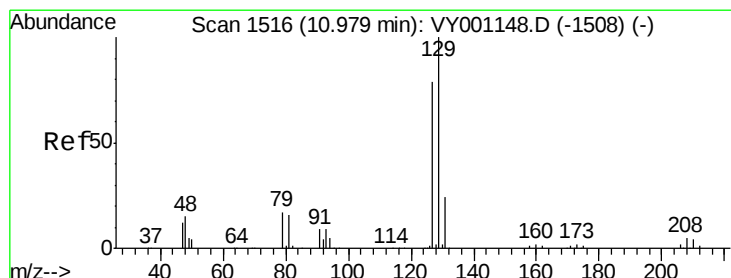
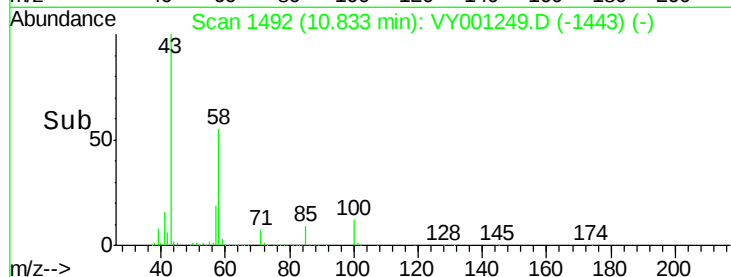
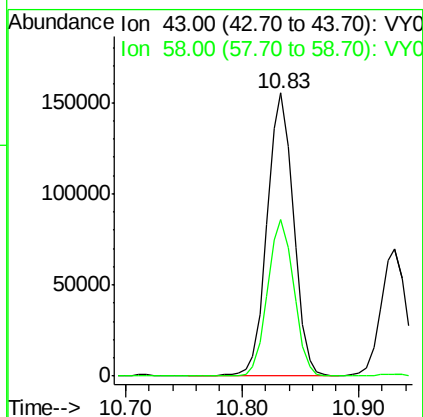
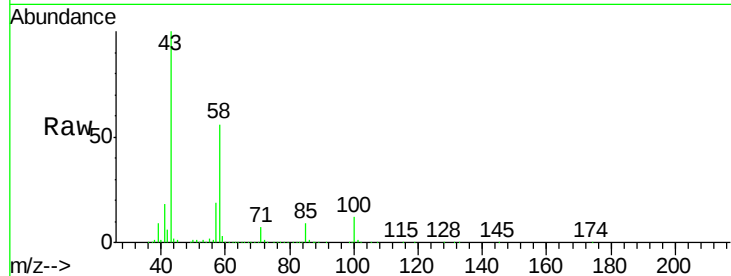




#59
2-Hexanone
Concen: 246.943 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

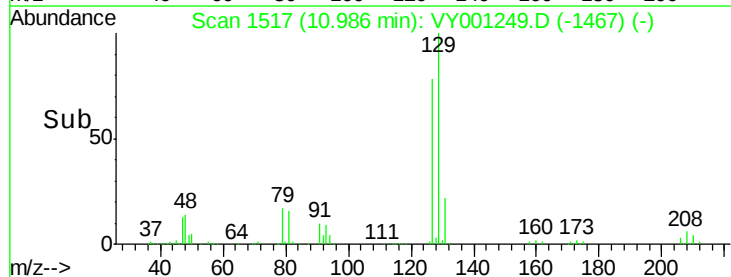
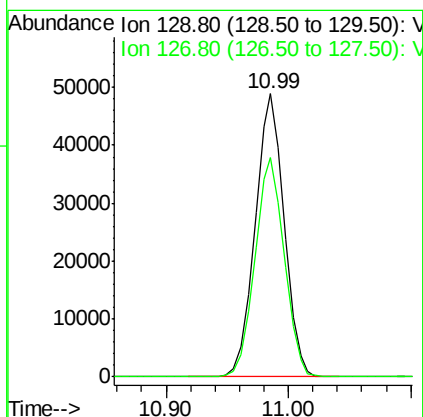
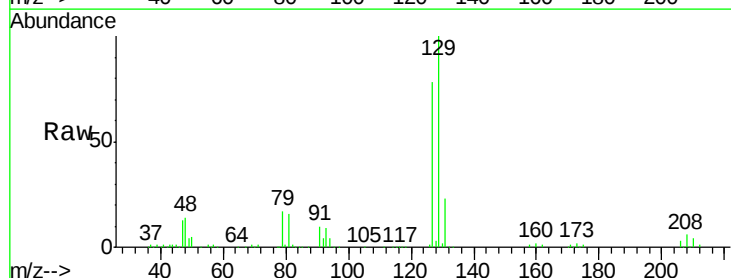
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

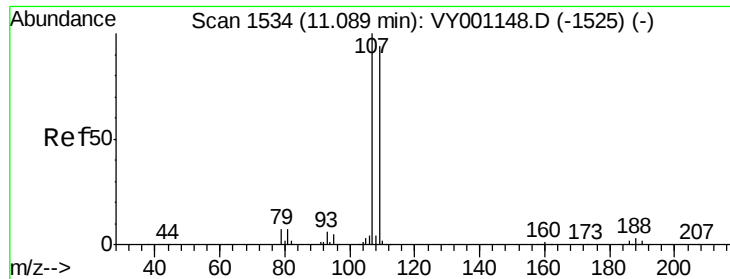
Tgt Ion: 43 Resp: 242363
Ion Ratio Lower Upper
43 100
58 55.1 28.4 85.2



#60
Dibromochloromethane
Concen: 48.797 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion: 129 Resp: 80656
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7

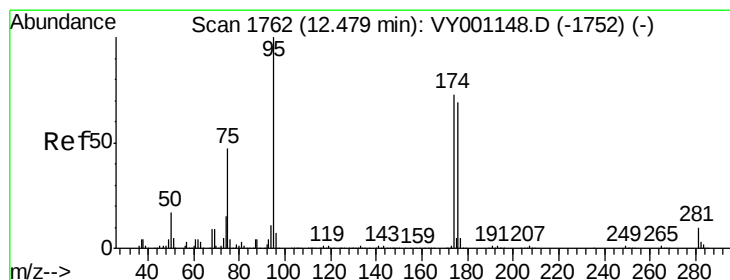
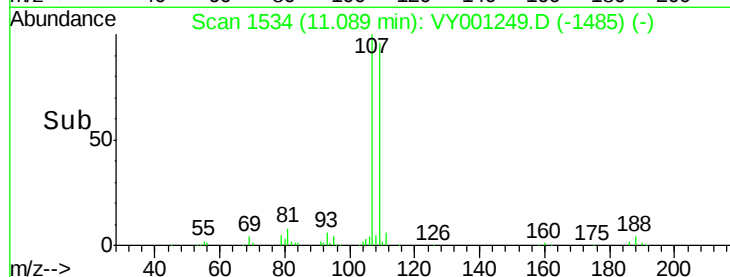
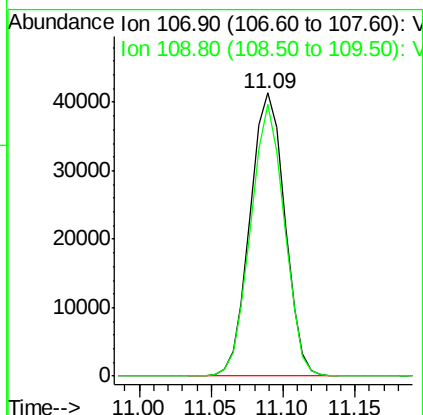
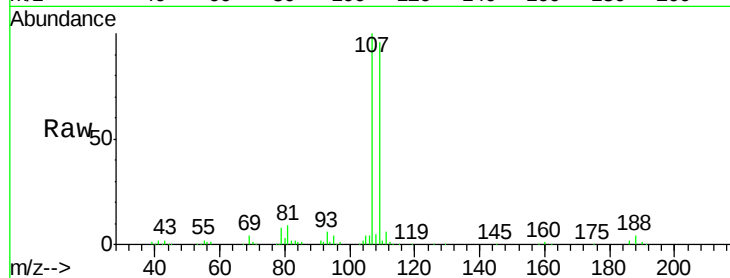




#61
 1,2-Dibromoethane
 Concen: 49.384 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

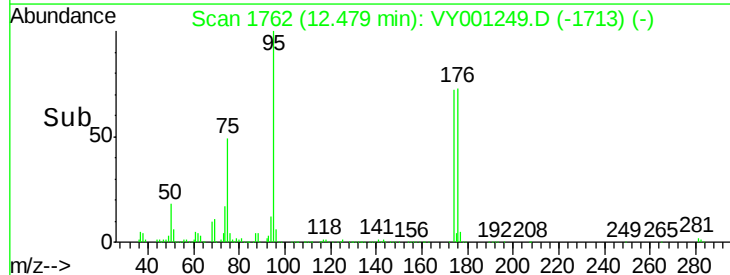
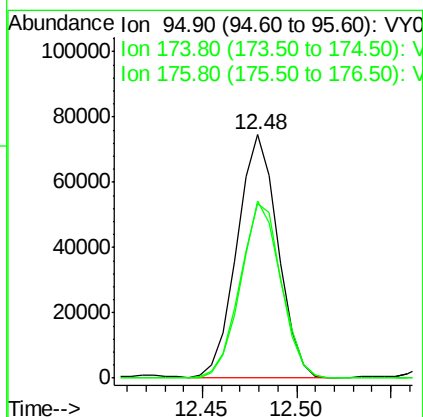
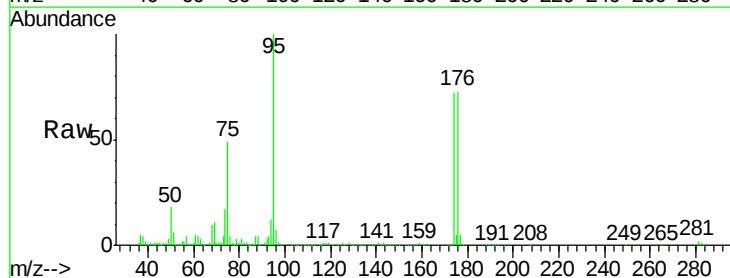
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

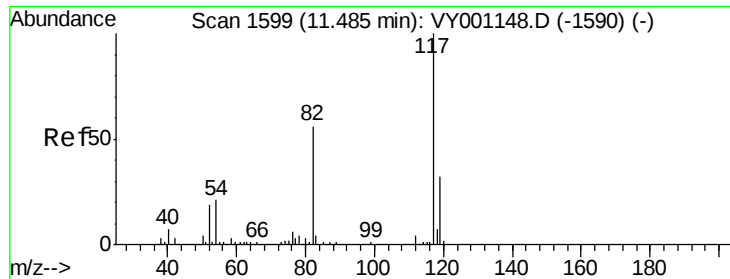
Tgt Ion: 107 Resp: 69224
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 44.675 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion: 95 Resp: 111184
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 143.2
 176 71.3 0.0 136.0

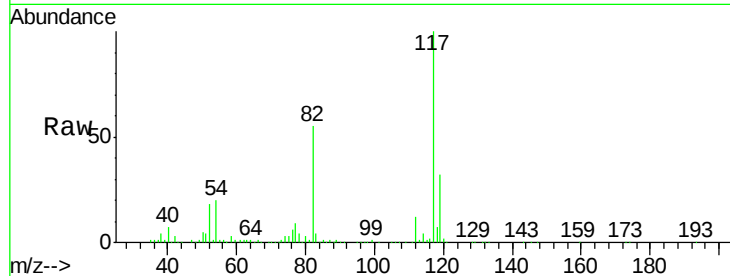




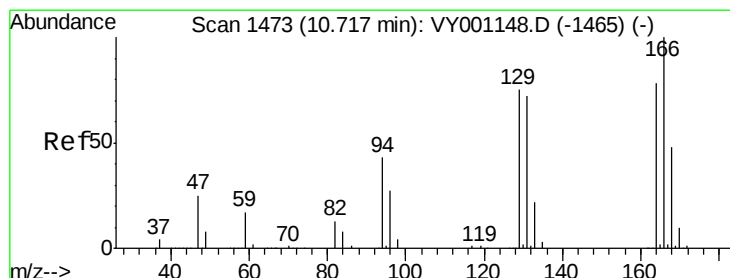
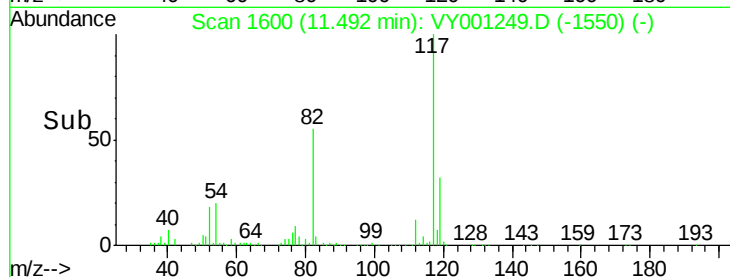
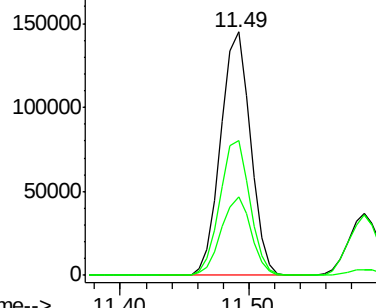
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

Tgt Ion:117 Resp: 230971
Ion Ratio Lower Upper
117 100
82 55.1 44.9 67.3
119 32.4 25.7 38.5

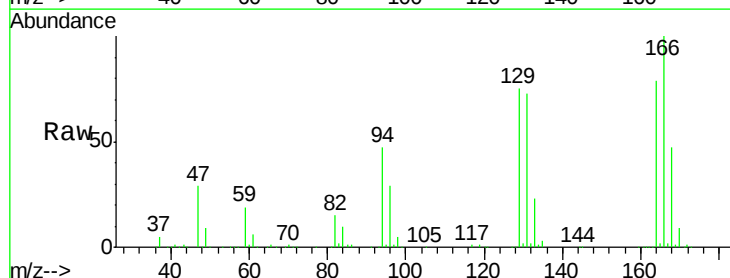


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

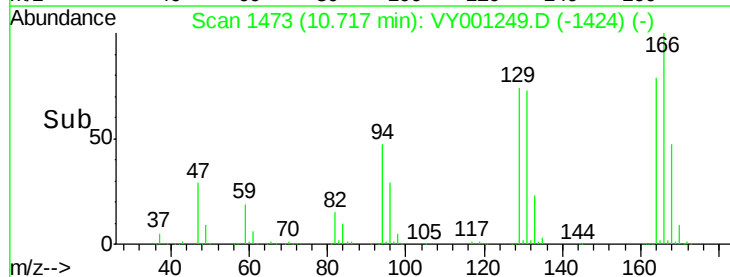
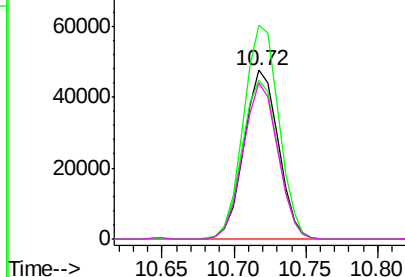


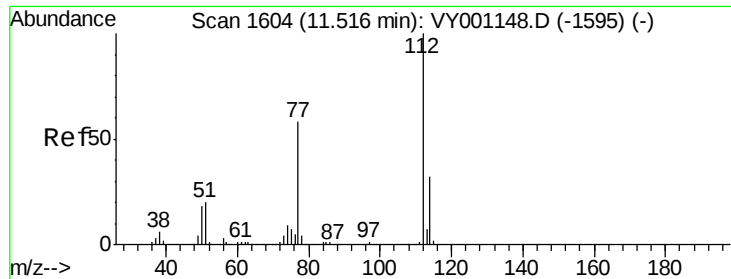
#64
Tetrachloroethene
Concen: 52.719 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion:164 Resp: 78493
Ion Ratio Lower Upper
164 100
166 126.8 102.3 153.5
129 94.4 76.2 114.4
131 92.4 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

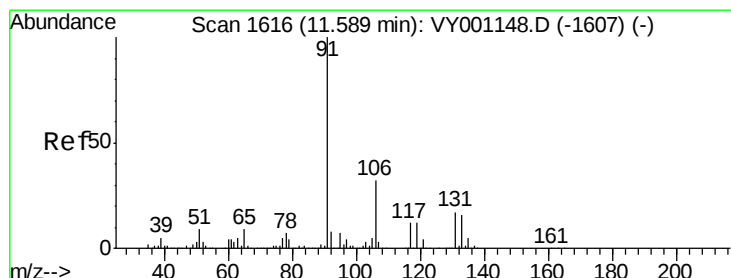
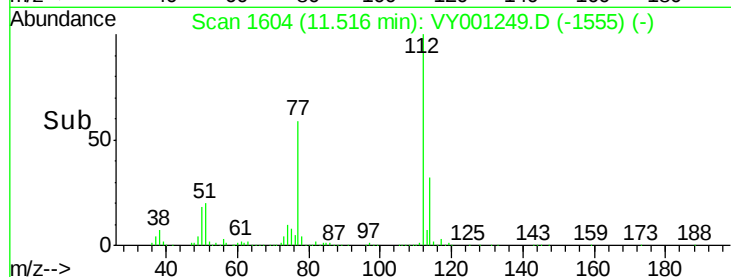
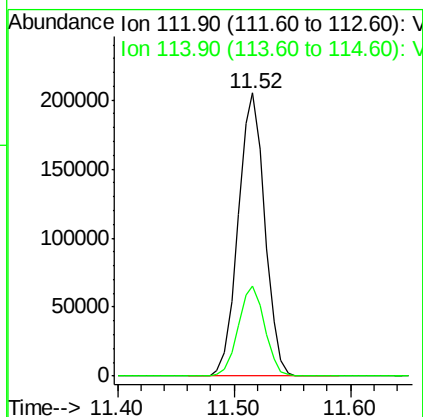
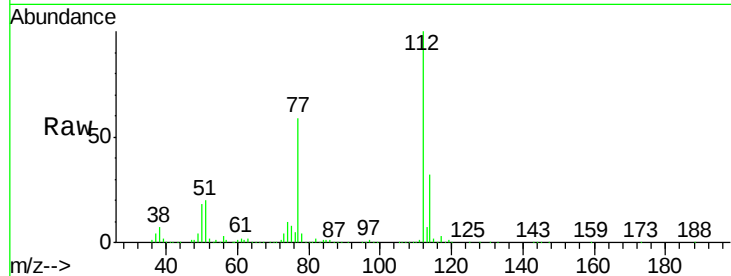




#65
Chlorobenzene
Concen: 70.696 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

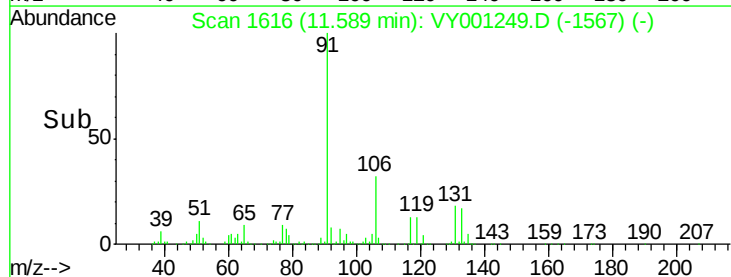
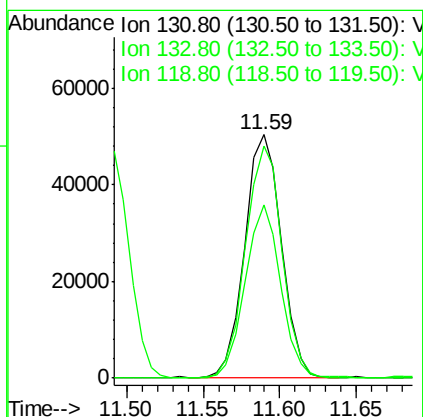
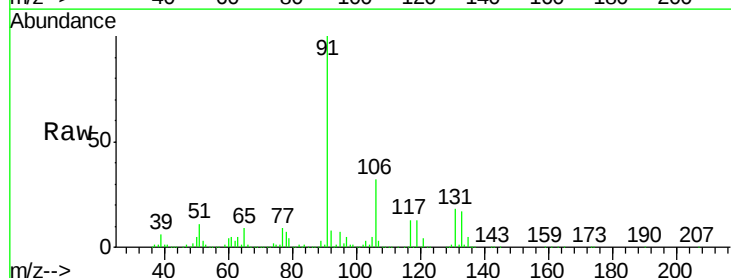
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

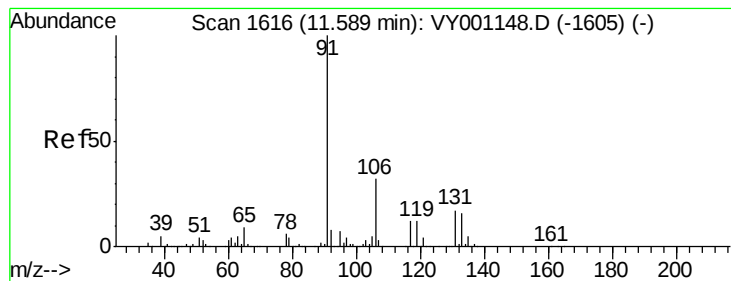
Tgt Ion:112 Resp: 326275
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.463 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion:131 Resp: 83450
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 69.0 33.6 100.8





#67

Ethyl Benzene

Concen: 52.042 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

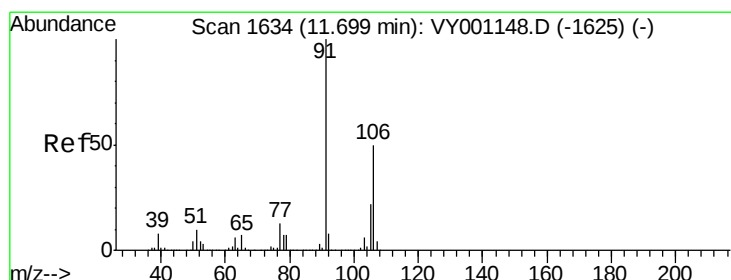
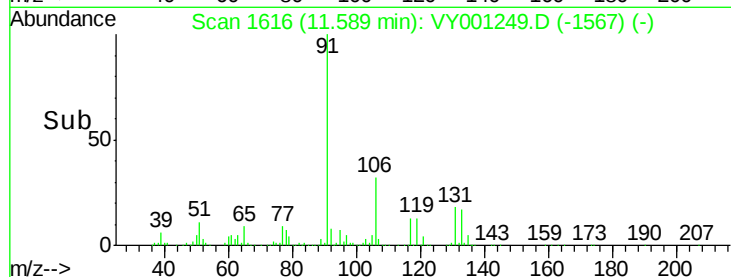
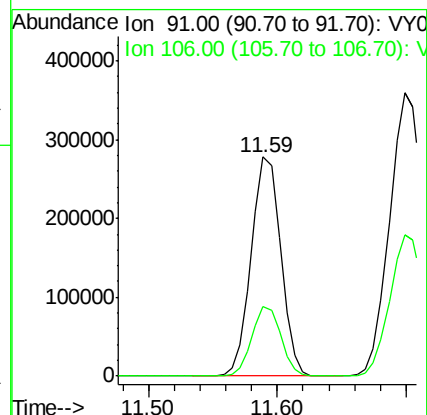
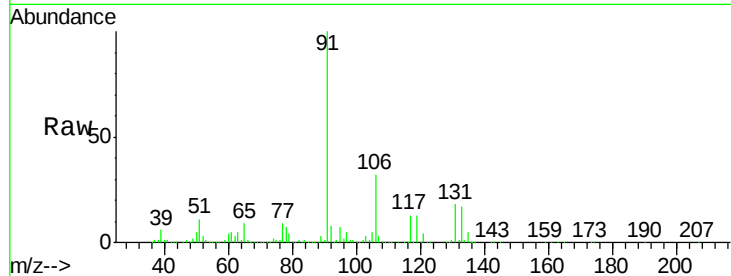
WP022SB457_200113_28-30MS

Tgt Ion: 91 Resp: 439371

Ion Ratio Lower Upper

91 100

106 31.5 25.3 37.9



#68

m/p-Xylenes

Concen: 103.624 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001249.D

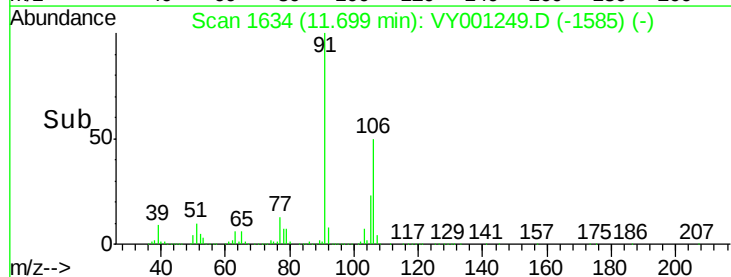
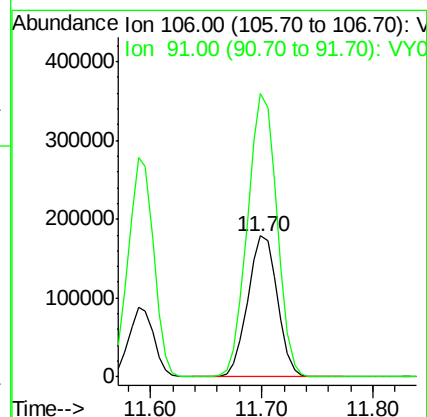
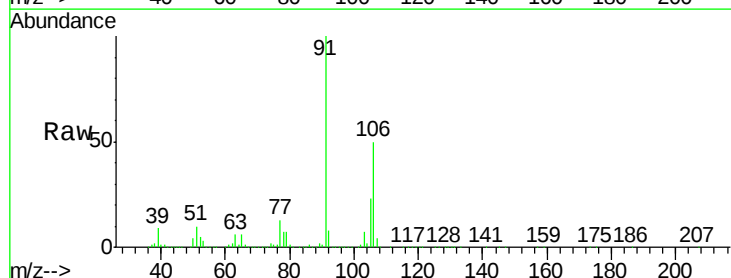
Acq: 16 Jan 2020 03:46

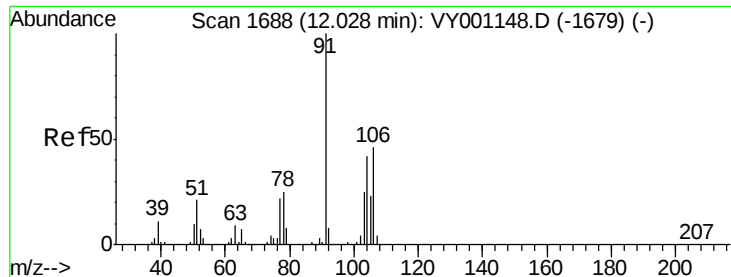
Tgt Ion: 106 Resp: 330023

Ion Ratio Lower Upper

106 100

91 199.9 161.4 242.2

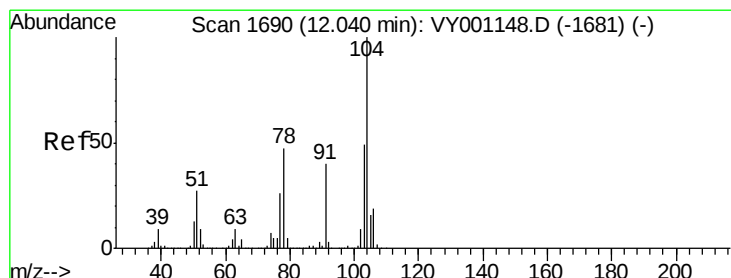
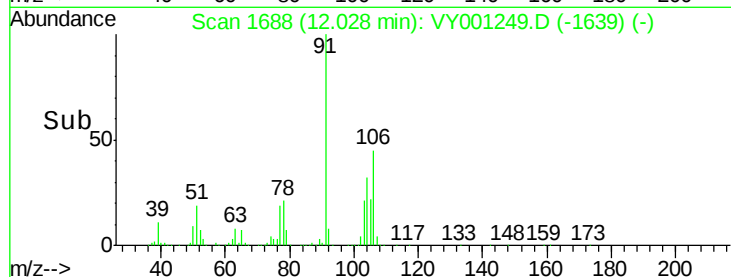
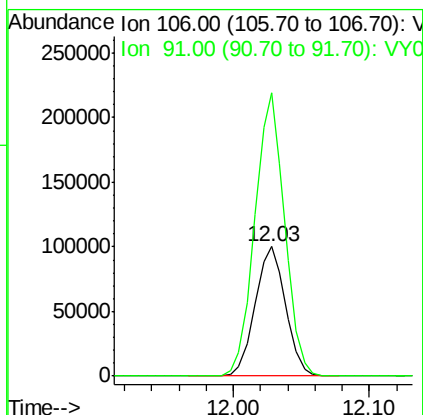
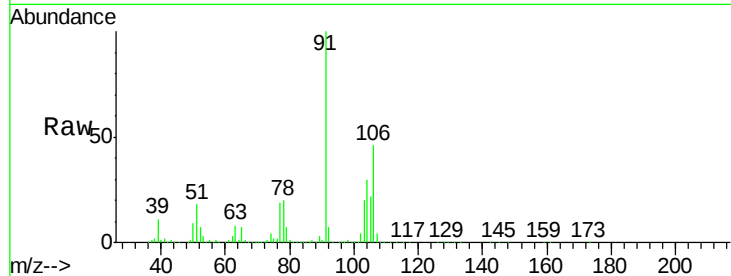




#69
o-Xylene
Concen: 51.513 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

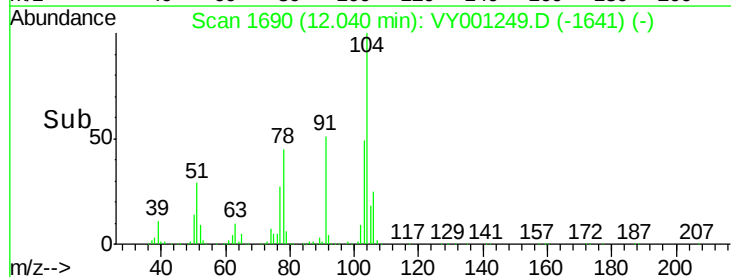
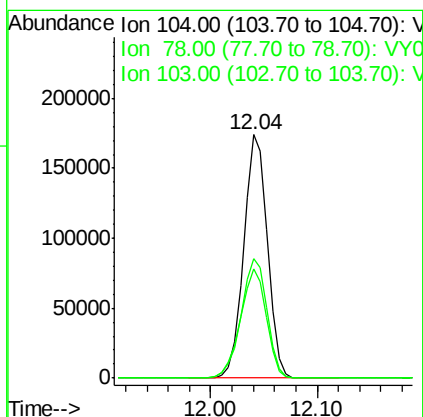
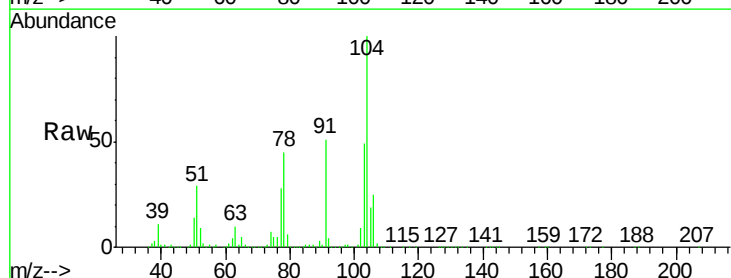
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

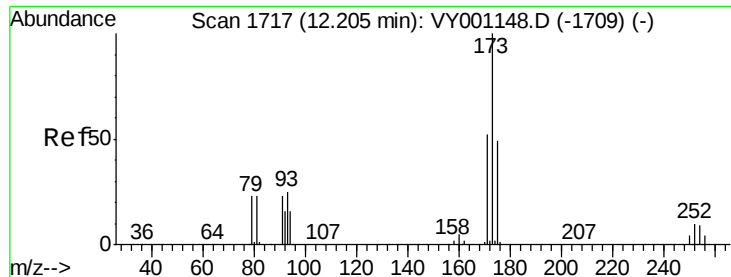
Tgt Ion:106 Resp: 157294
Ion Ratio Lower Upper
106 100
91 213.0 106.3 318.8



#70
Styrene
Concen: 50.587 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion:104 Resp: 271033
Ion Ratio Lower Upper
104 100
78 49.6 40.5 60.7
103 53.7 42.4 63.6





#71

Bromoform

Concen: 49.540 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

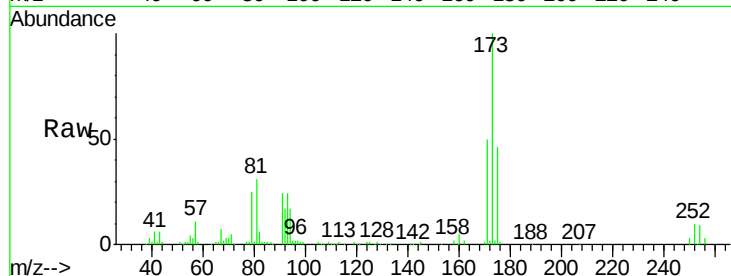
Tgt Ion:173 Resp: 48596

Ion Ratio Lower Upper

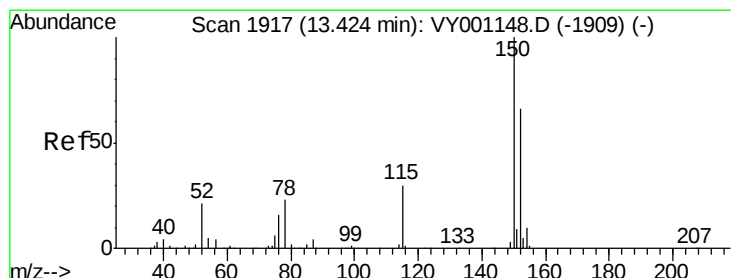
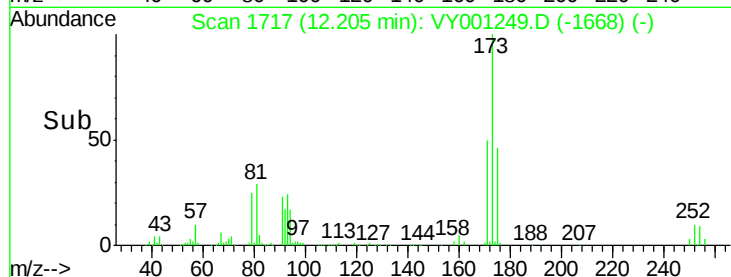
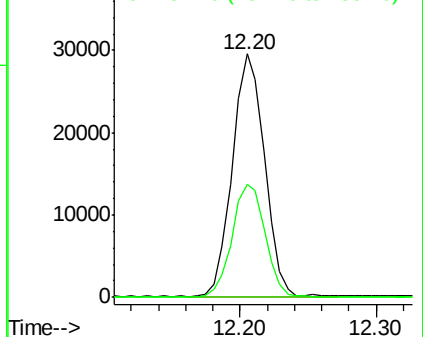
173 100

175 47.9 24.1 72.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

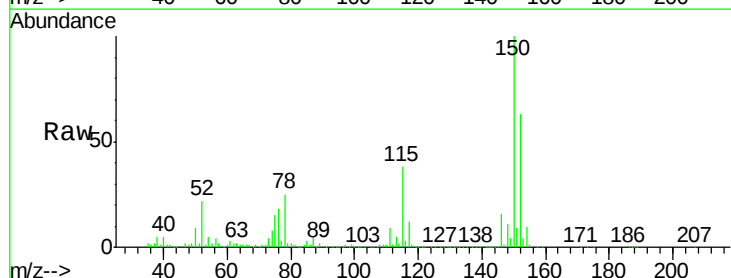
Tgt Ion:152 Resp: 98998

Ion Ratio Lower Upper

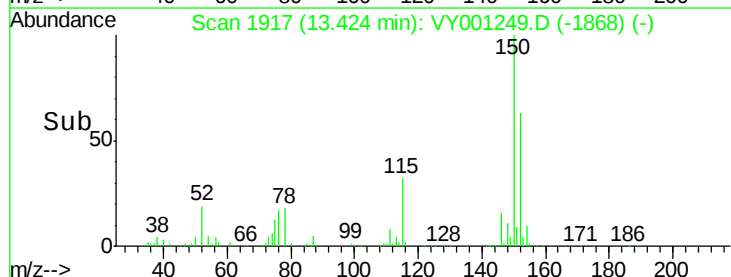
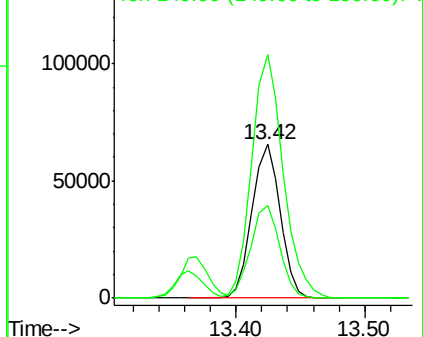
152 100

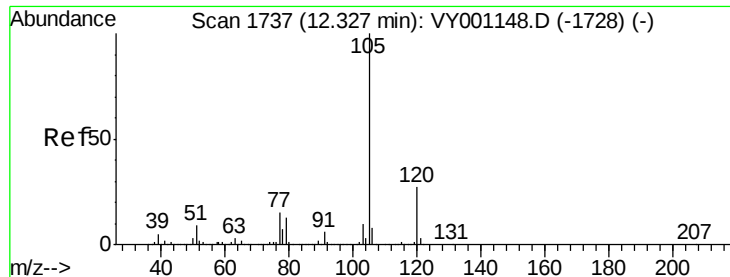
115 61.2 30.9 92.5

150 176.7 0.0 346.8



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





#73

Isopropylbenzene

Concen: 56.158 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

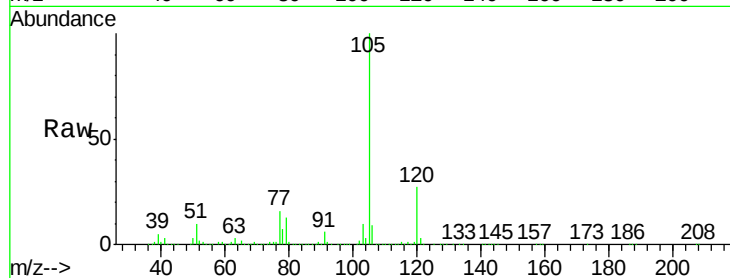
WP022SB457_200113_28-30MS

Tgt Ion:105 Resp: 417952

Ion Ratio Lower Upper

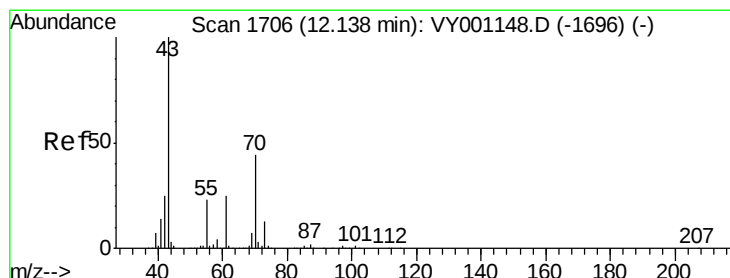
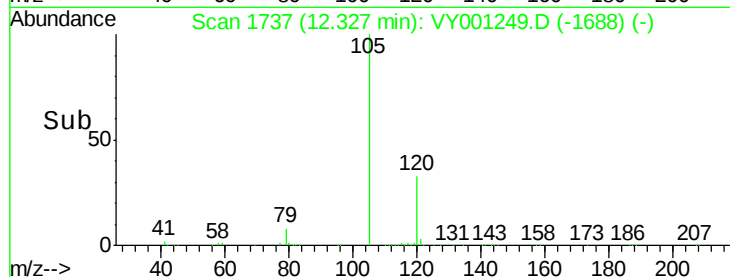
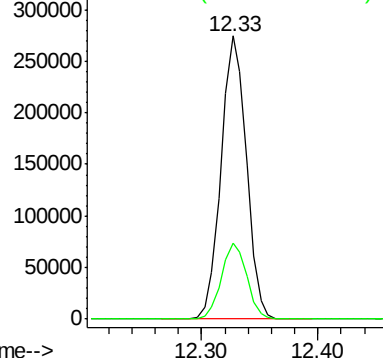
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.669 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Tgt Ion: 43 Resp: 108395

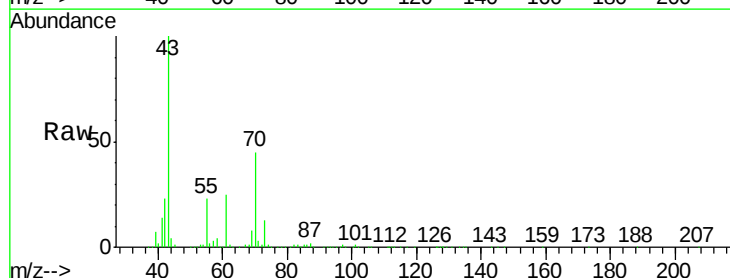
Ion Ratio Lower Upper

43 100

70 40.5 35.0 52.6

55 23.3 18.4 27.6

61 23.0 20.1 30.1

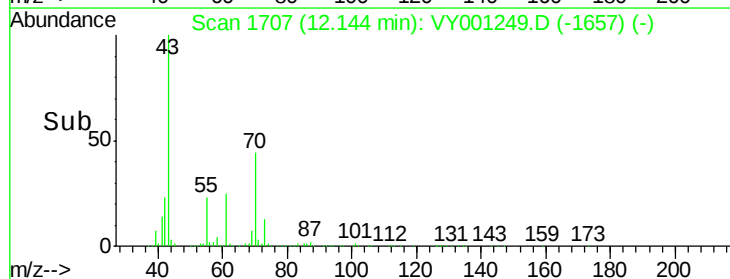
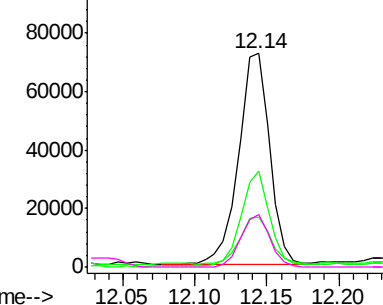


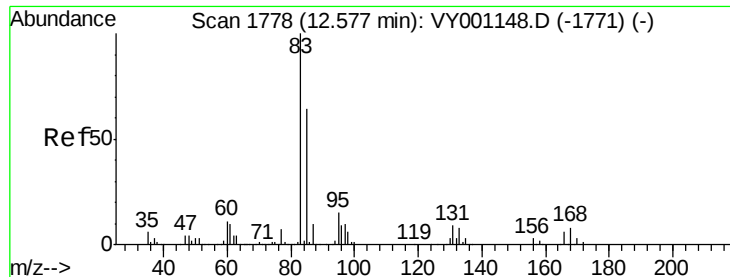
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.351 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

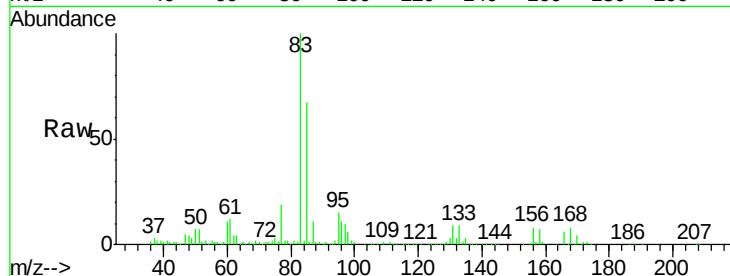
Tgt Ion: 83 Resp: 88236

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

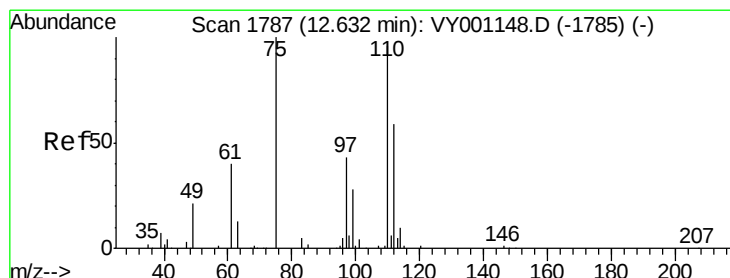
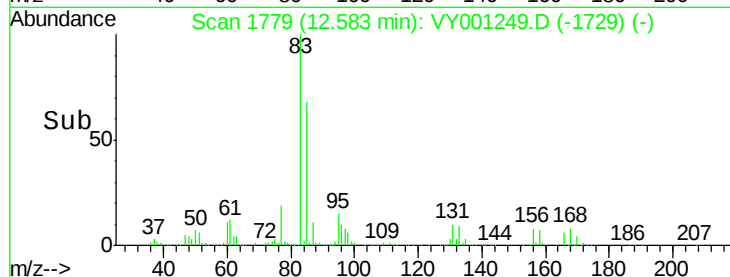
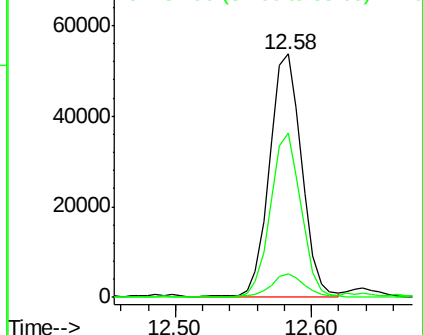
85 64.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 106.781 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001249.D

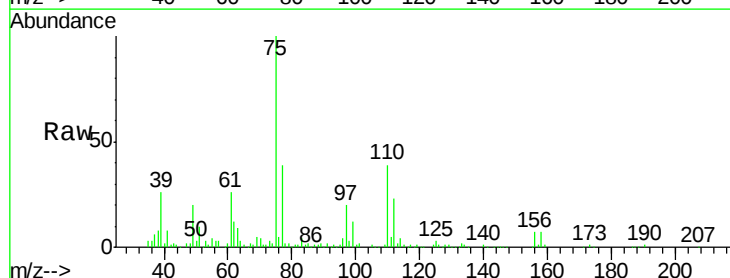
Acq: 16 Jan 2020 03:46

Tgt Ion: 75 Resp: 113165

Ion Ratio Lower Upper

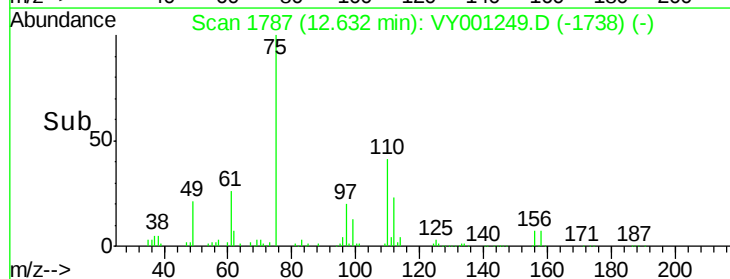
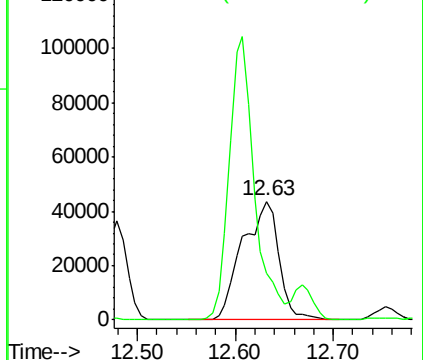
75 100

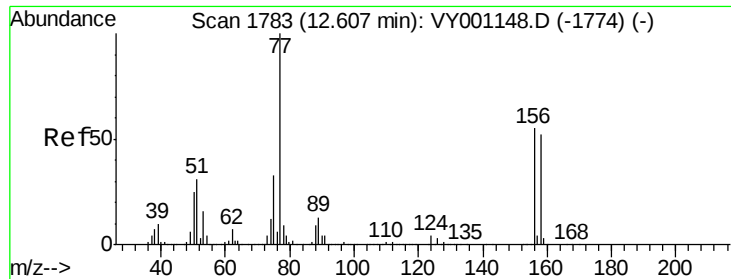
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 54.673 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

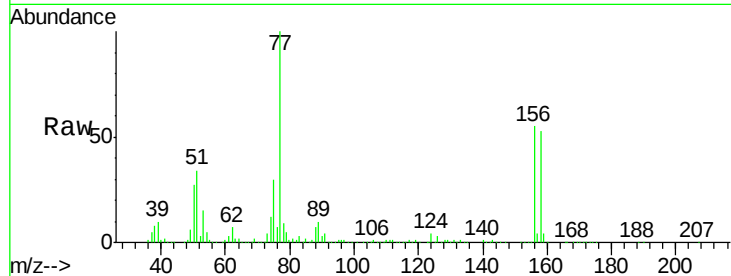
Tgt Ion:156 Resp: 89910

Ion Ratio Lower Upper

156 100

77 207.1 106.7 320.1

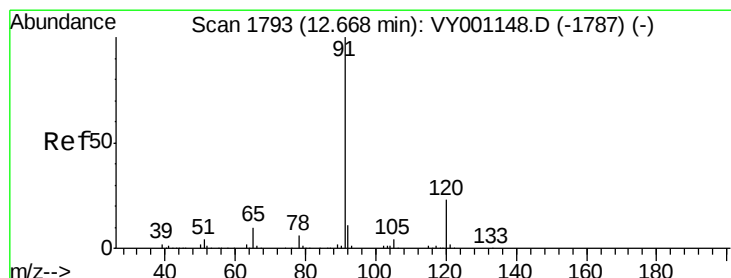
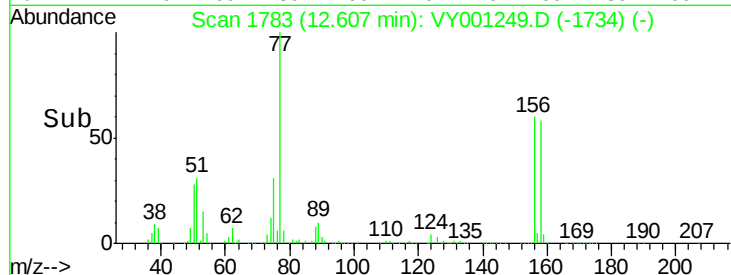
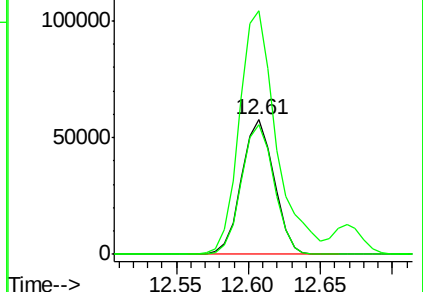
158 97.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.182 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001249.D

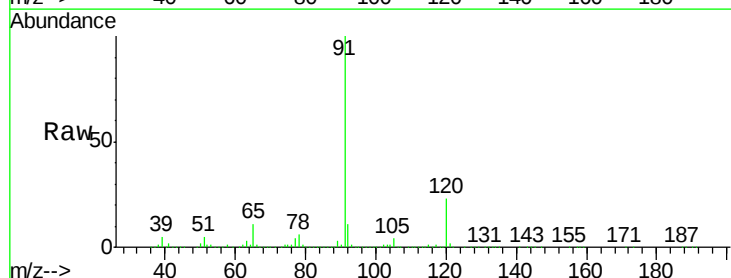
Acq: 16 Jan 2020 03:46

Tgt Ion: 91 Resp: 485040

Ion Ratio Lower Upper

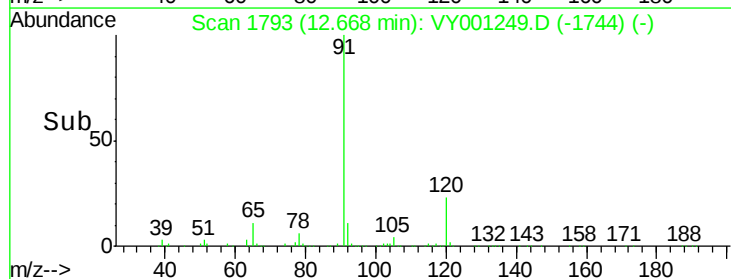
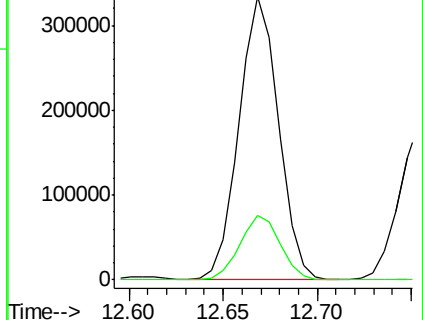
91 100

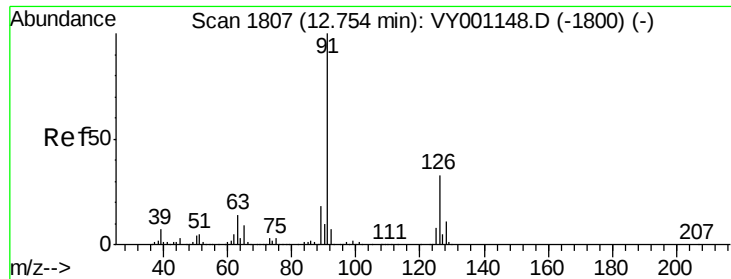
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.517 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

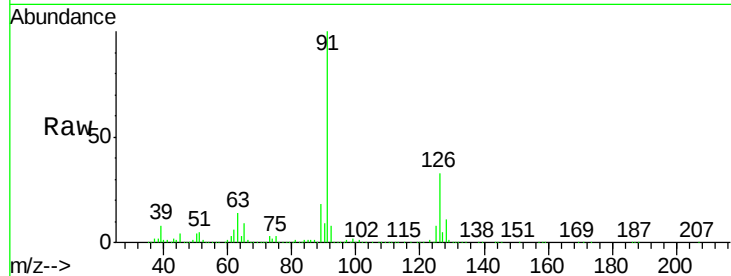
WP022SB457_200113_28-30MS

Tgt Ion: 91 Resp: 275144

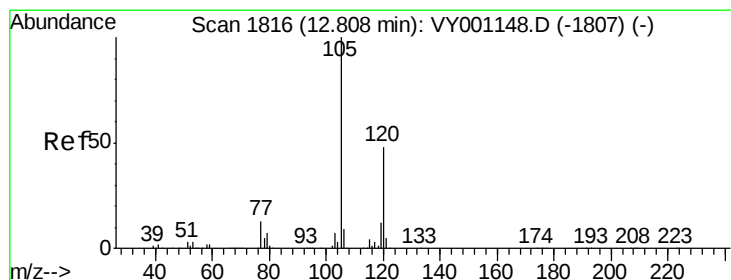
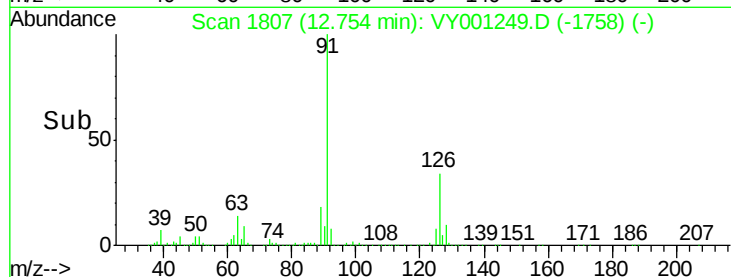
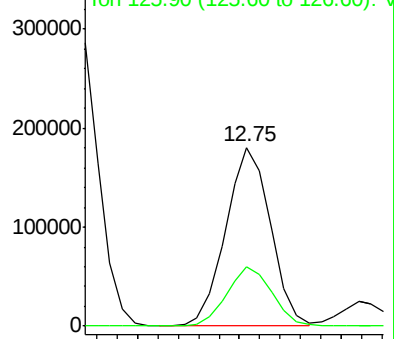
Ion Ratio Lower Upper

91 100

126 33.6 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.724 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001249.D

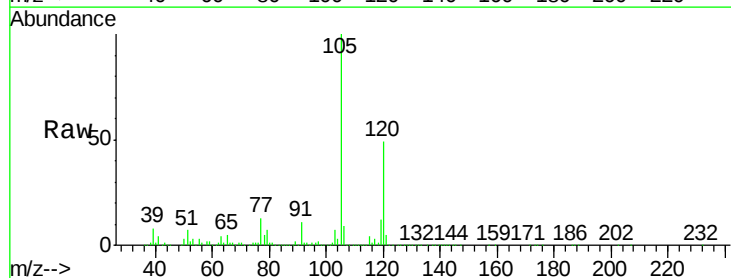
Acq: 16 Jan 2020 03:46

Tgt Ion: 105 Resp: 339822

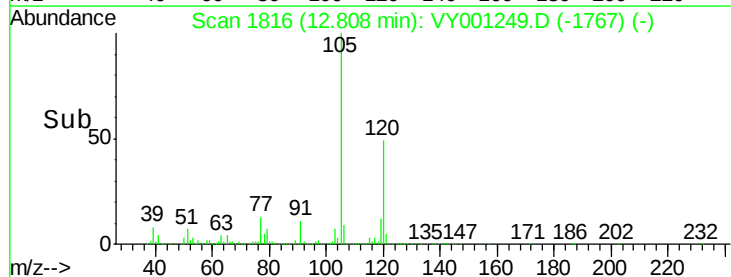
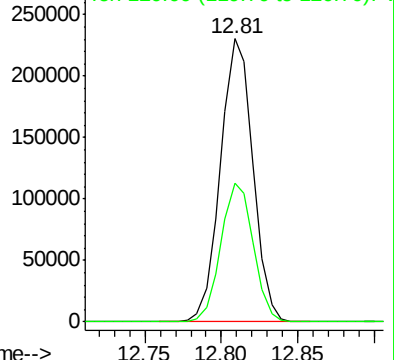
Ion Ratio Lower Upper

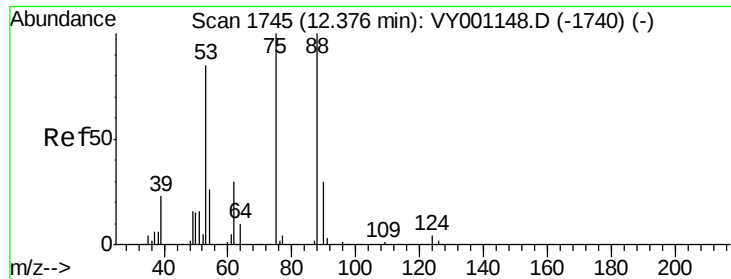
105 100

120 49.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.097 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

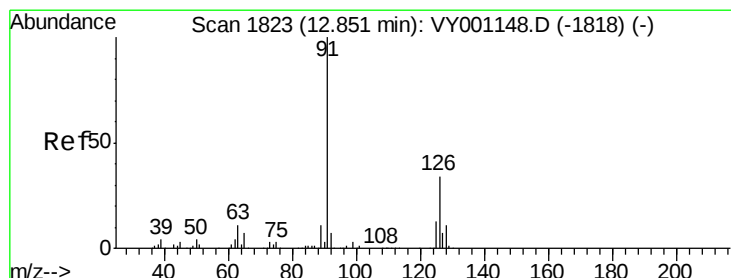
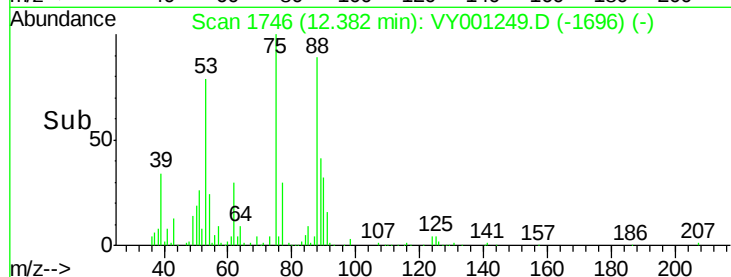
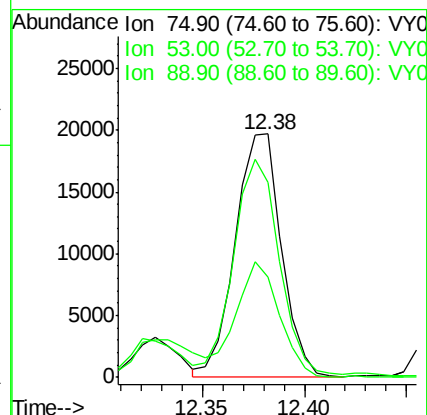
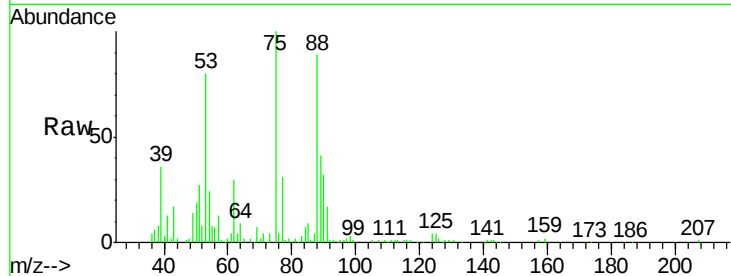
Tgt Ion: 75 Resp: 30683

Ion Ratio Lower Upper

75 100

53 87.0 69.4 104.2

89 45.9 0.0 0.0#



#82

4-Chlorotoluene

Concen: 51.890 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001249.D

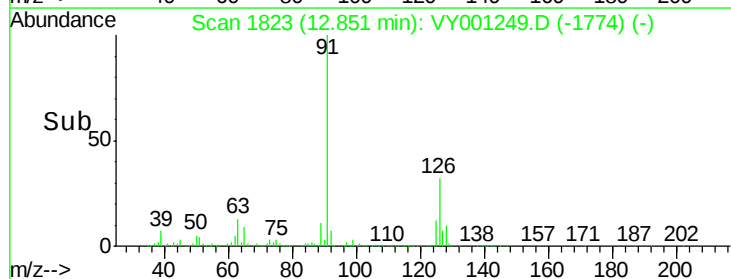
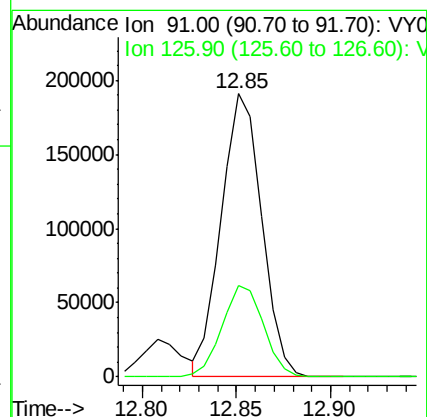
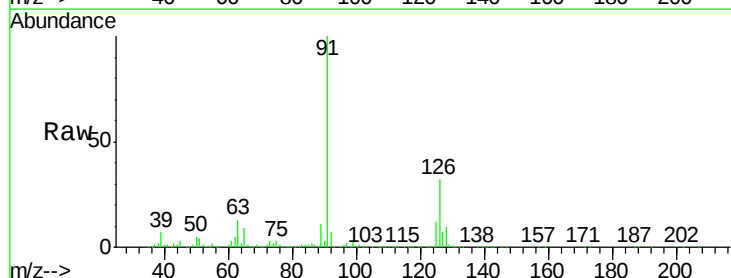
Acq: 16 Jan 2020 03:46

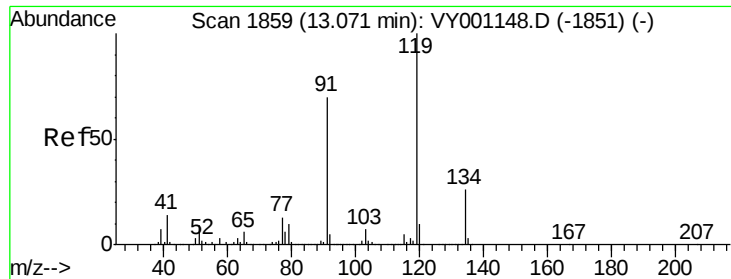
Tgt Ion: 91 Resp: 284806

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.8

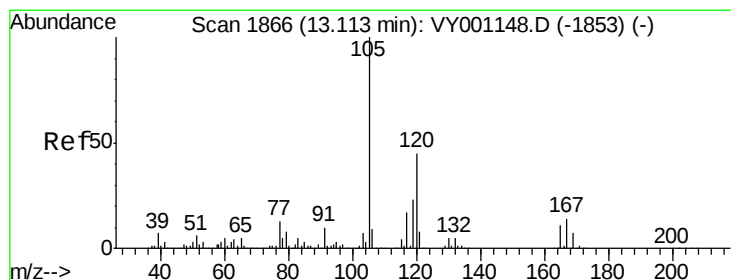
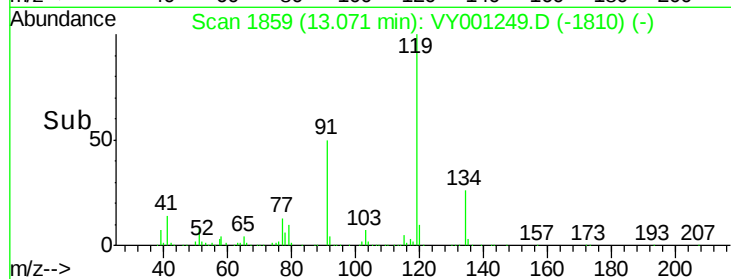
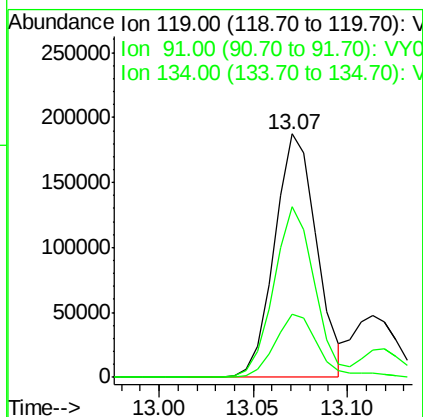
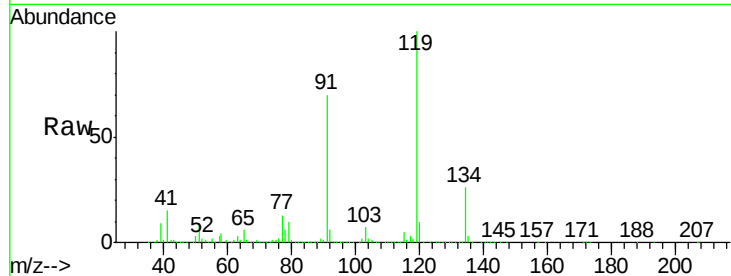




#83
tert-Butylbenzene
Concen: 55.427 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

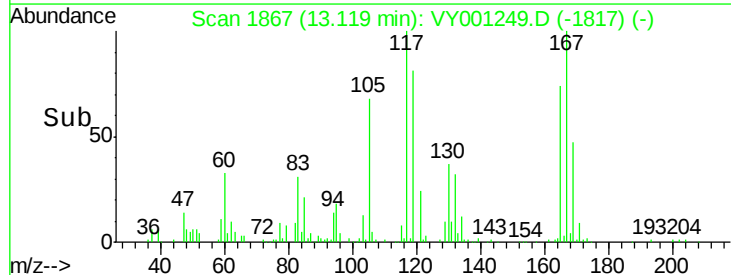
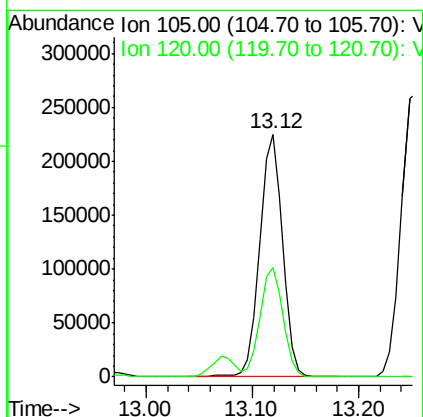
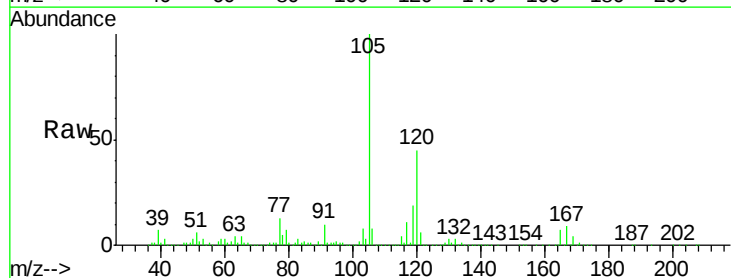
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

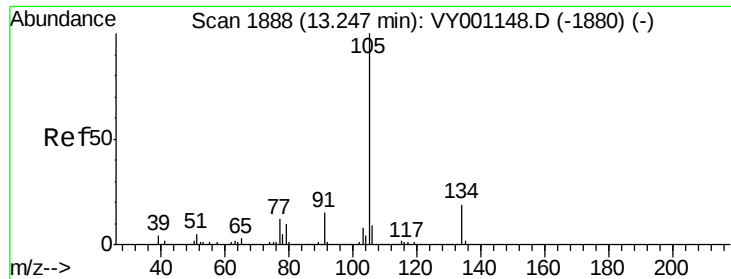
Tgt Ion:119 Resp: 289209
Ion Ratio Lower Upper
119 100
91 68.0 33.9 101.7
134 27.3 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 54.870 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion:105 Resp: 338369
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 53.984 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

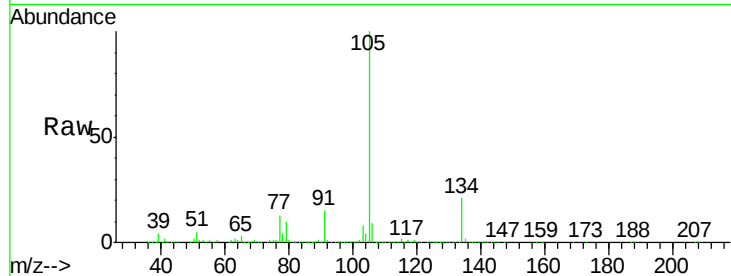
WP022SB457_200113_28-30MS

Tgt Ion:105 Resp: 405227

Ion Ratio Lower Upper

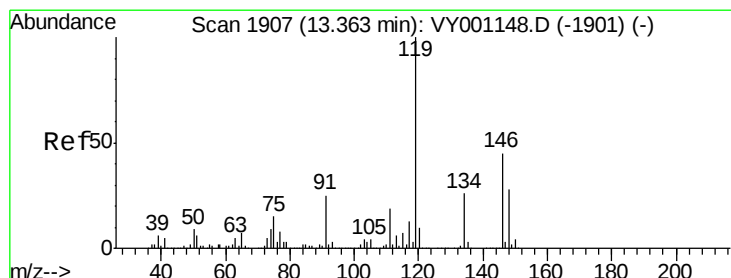
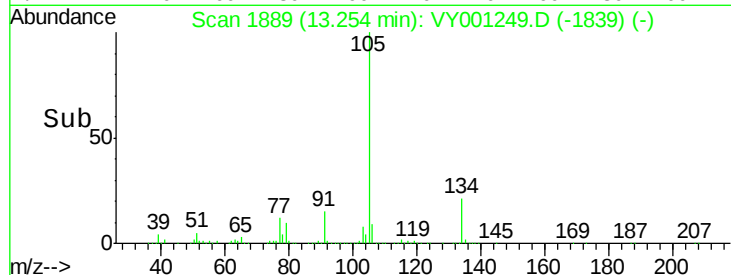
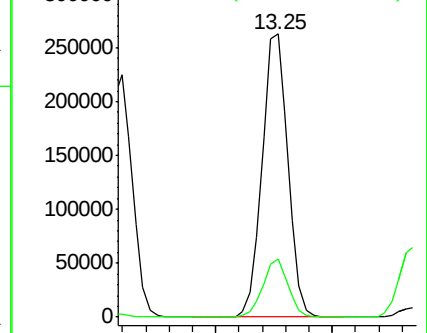
105 100

134 20.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.499 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

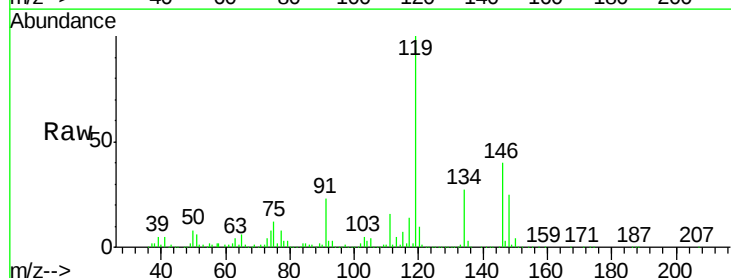
Tgt Ion:119 Resp: 348673

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

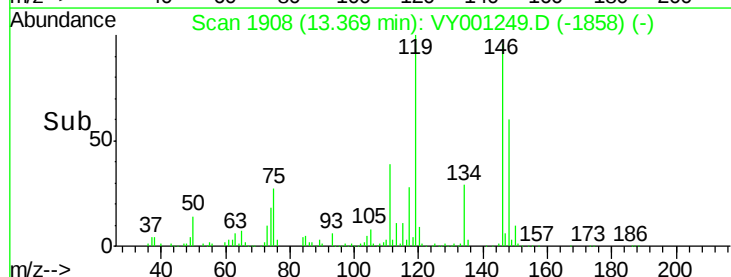
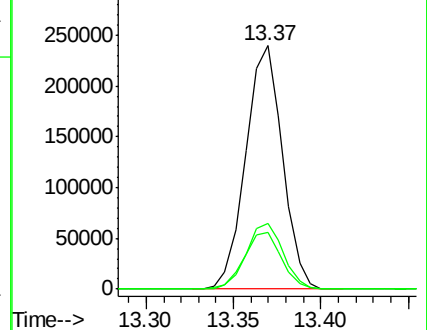
91 23.5 12.4 37.2

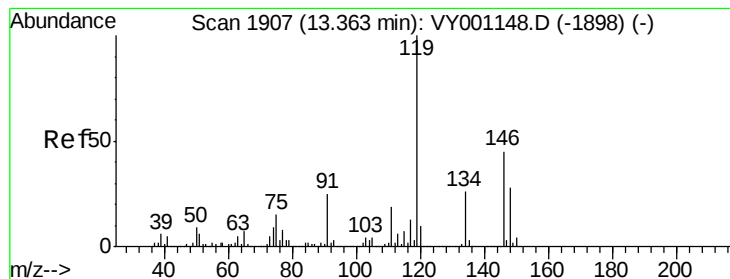


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 54.080 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

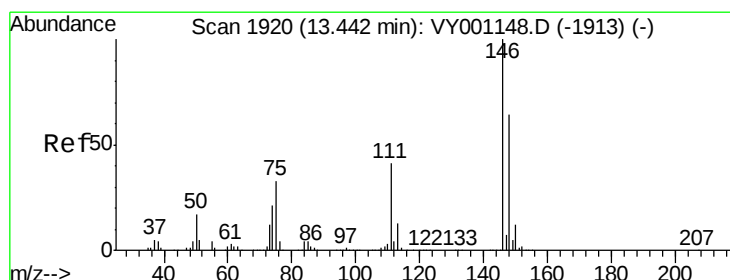
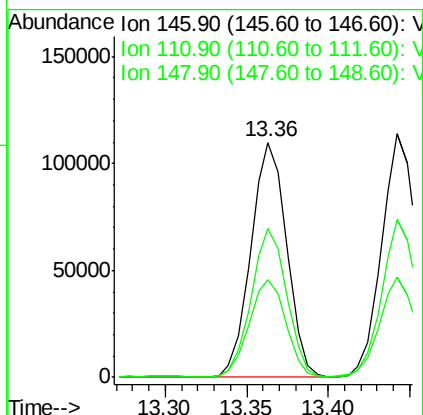
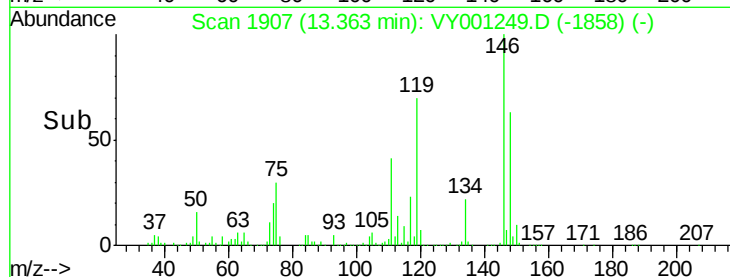
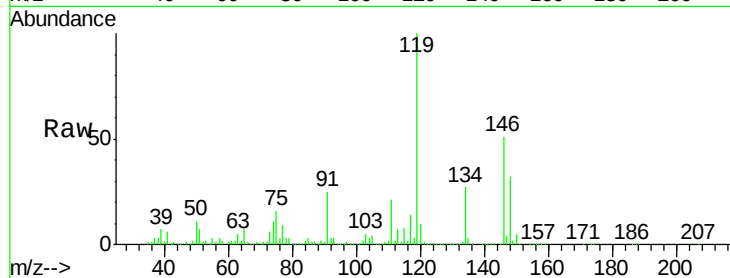
Tgt Ion:146 Resp: 168192

Ion Ratio Lower Upper

146 100

111 42.1 21.3 64.0

148 62.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.711 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

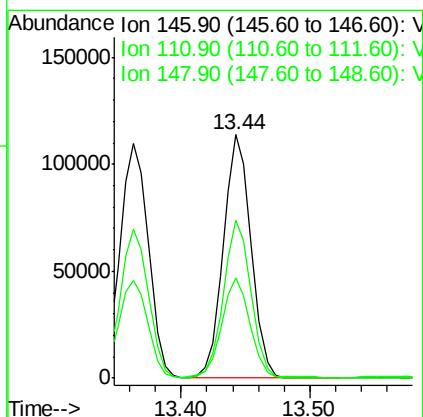
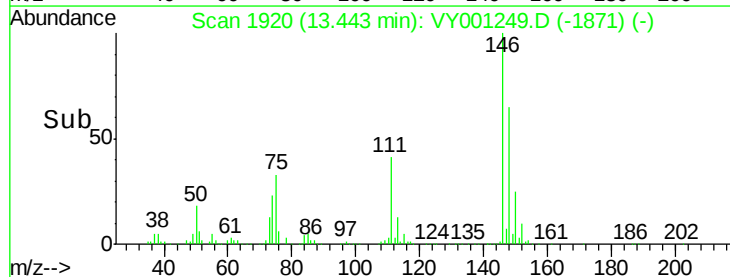
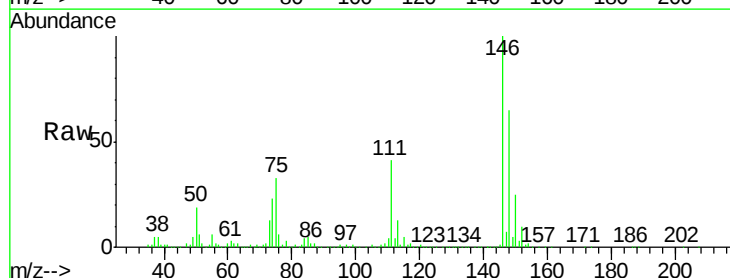
Tgt Ion:146 Resp: 171923

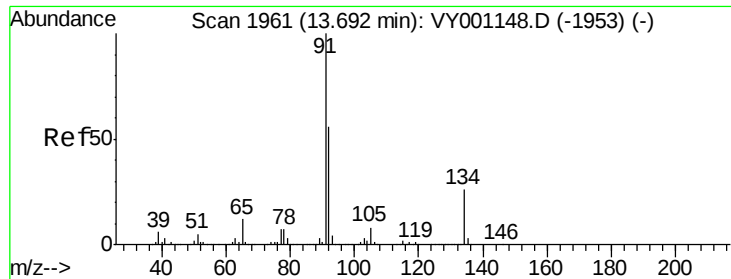
Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.5

148 64.3 32.0 96.2

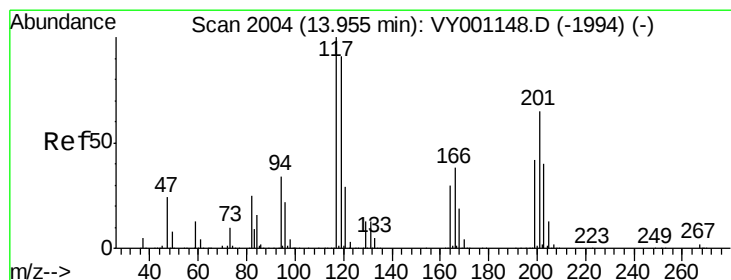
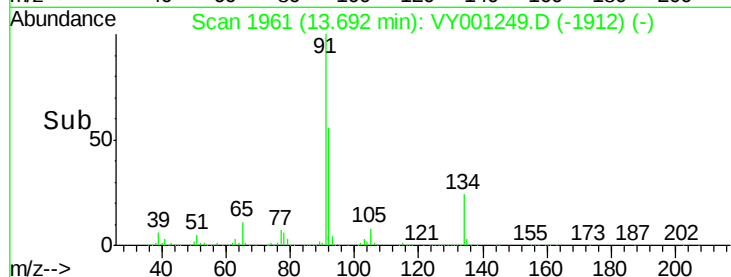
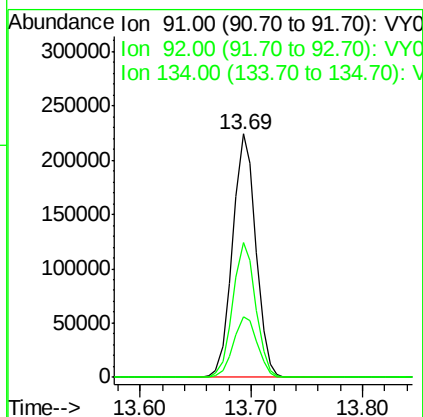
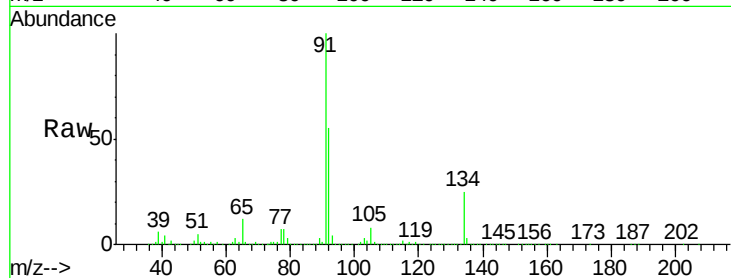




#89
n-Butylbenzene
Concen: 49.108 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

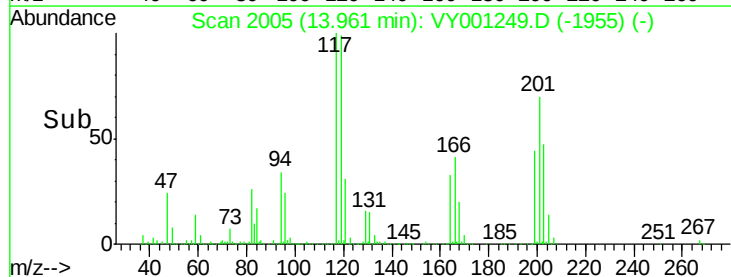
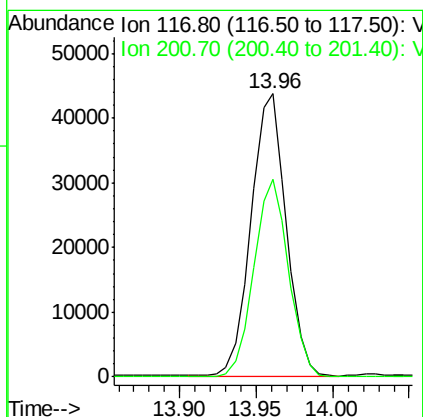
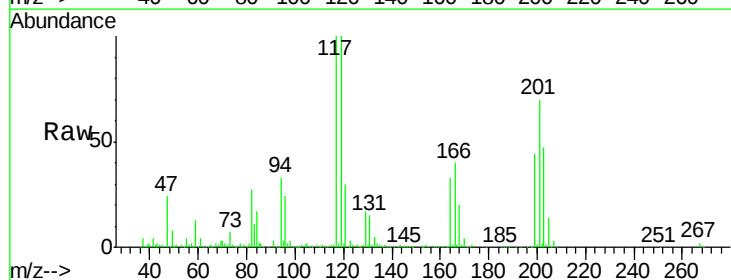
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MS

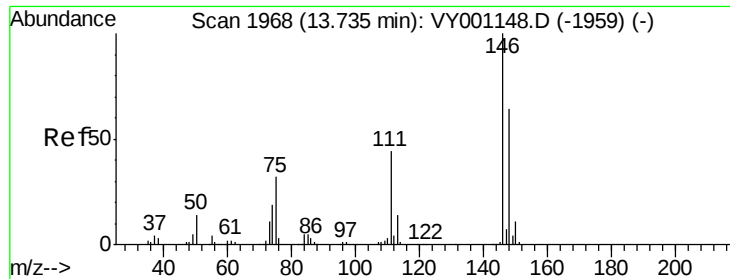
Tgt Ion: 91 Resp: 322354
Ion Ratio Lower Upper
91 100
92 54.8 27.7 83.1
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 54.543 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001249.D
Acq: 16 Jan 2020 03:46

Tgt Ion: 117 Resp: 69459
Ion Ratio Lower Upper
117 100
201 69.3 35.4 106.2

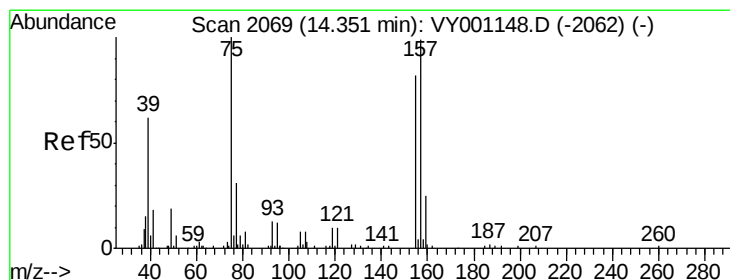
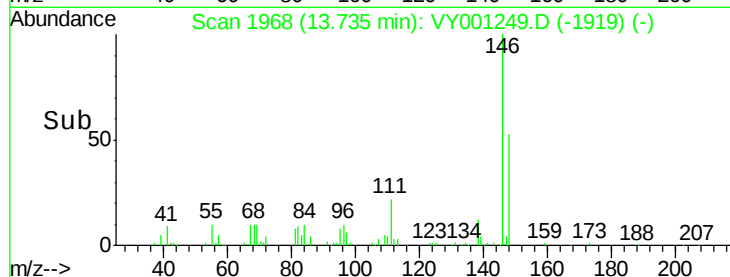
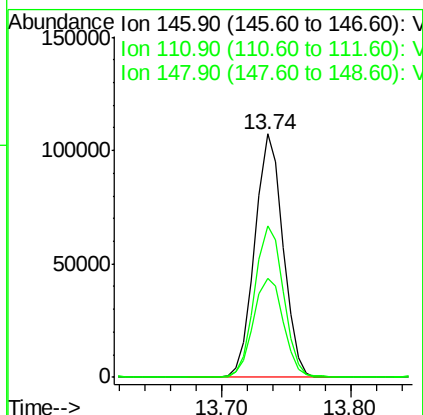
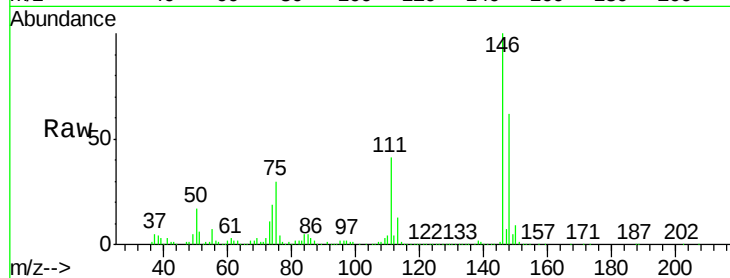




#91
 1,2-Dichlorobenzene
 Concen: 56.035 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

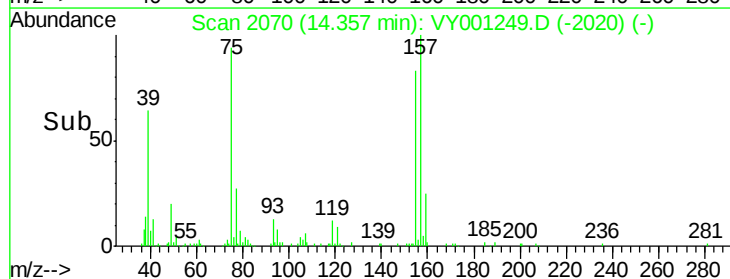
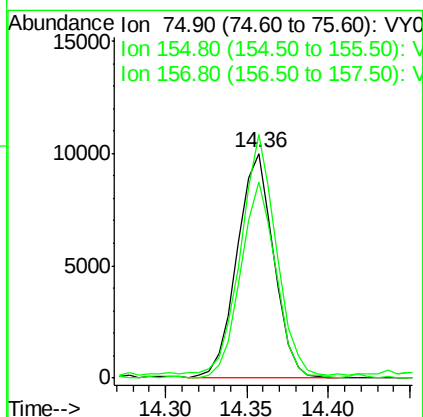
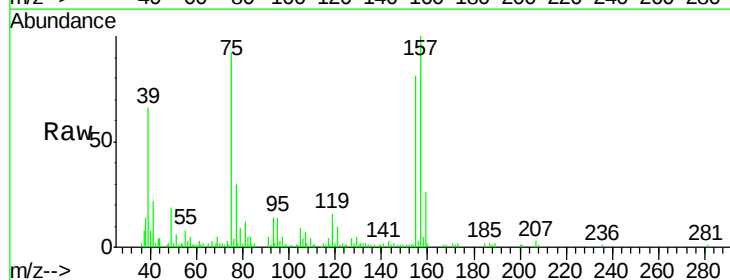
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

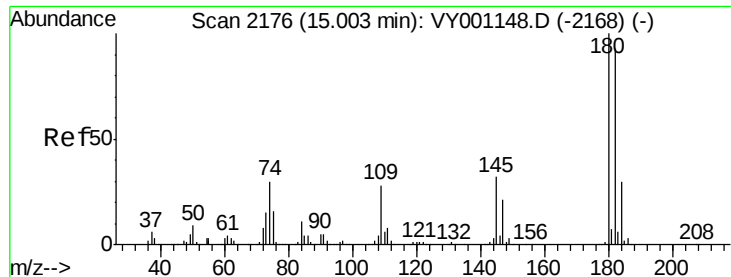
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.0	66.0
148	63.6	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.464 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	41.2	123.6
157	105.1	52.8	158.4

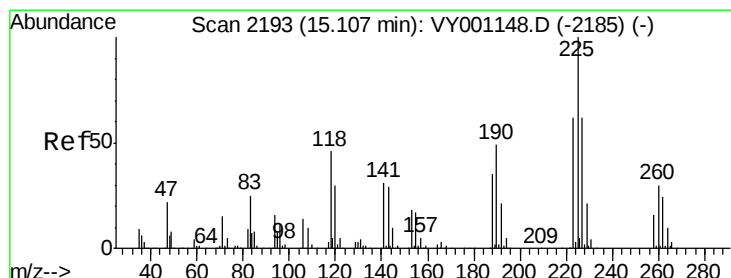
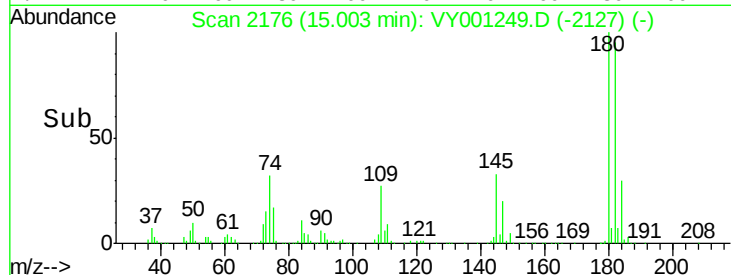
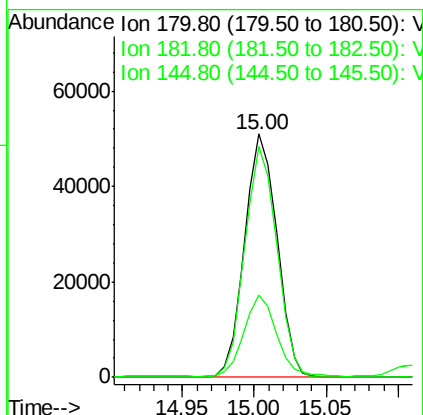
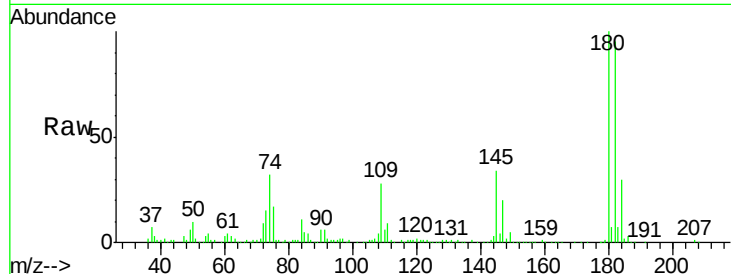




#93
 1,2,4-Trichlorobenzene
 Concen: 41.690 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

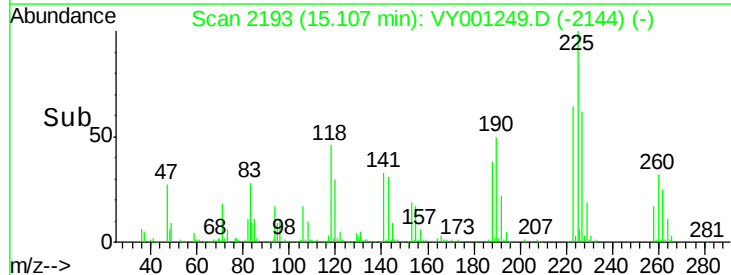
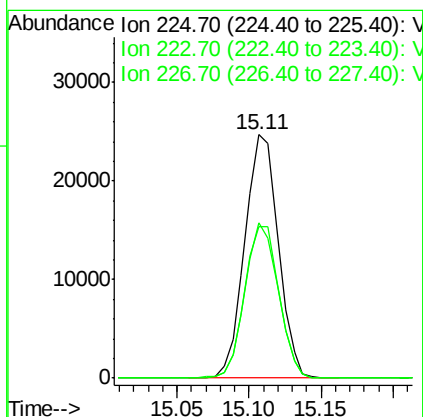
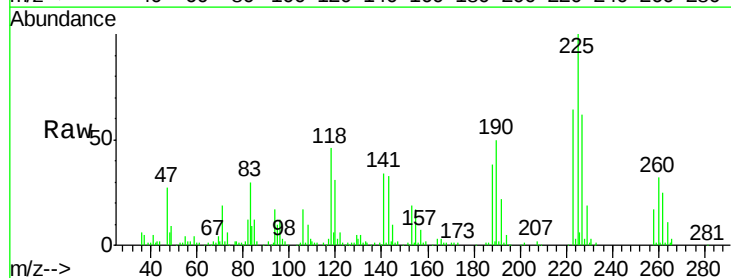
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

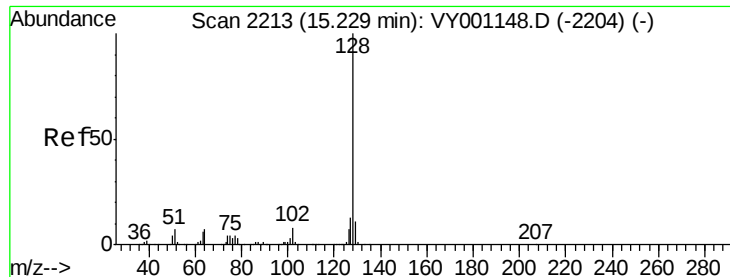
Tgt Ion:180 Resp: 79395
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.9 140.8
 145 34.0 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 41.470 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001249.D
 Acq: 16 Jan 2020 03:46

Tgt Ion:225 Resp: 39787
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.1 93.3
 227 63.9 31.3 93.9





#95

Naphthalene

Concen: 47.540 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MS

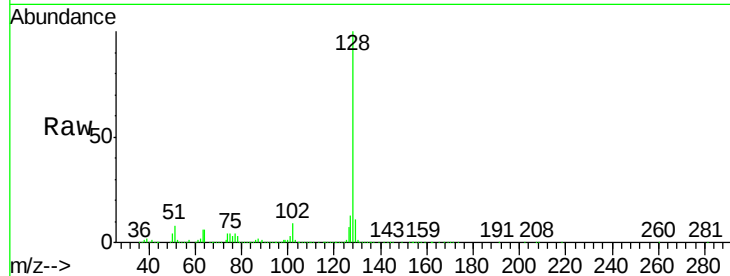
Tgt Ion:128 Resp: 210771

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

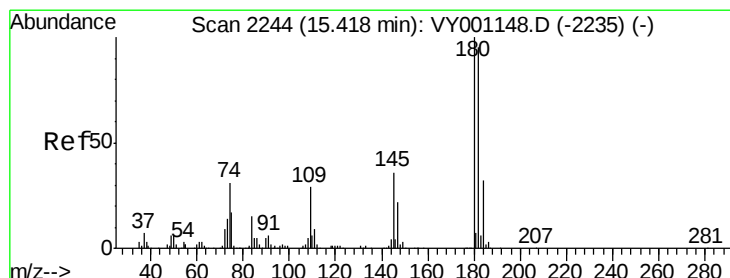
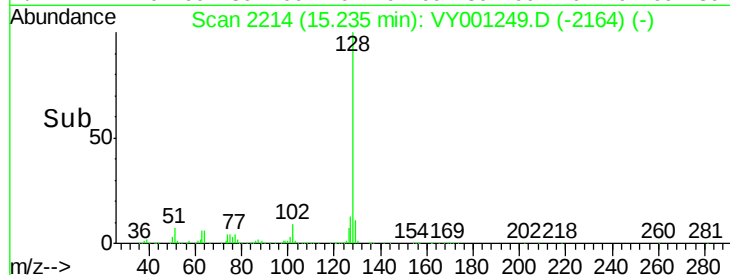
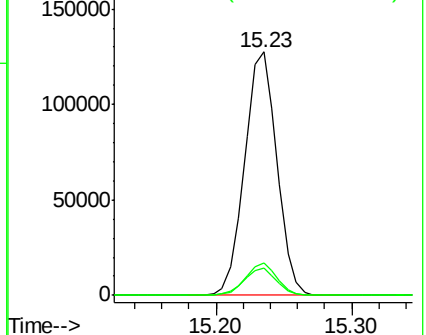
129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 40.581 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001249.D

Acq: 16 Jan 2020 03:46

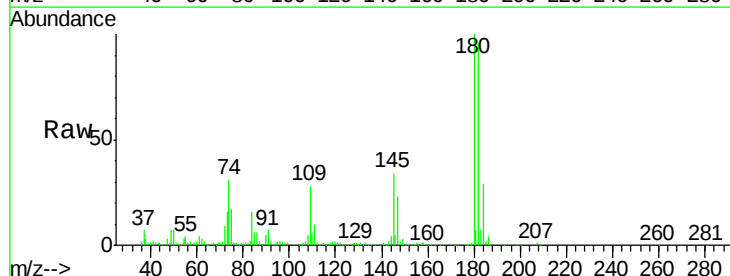
Tgt Ion:180 Resp: 68111

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 34.4 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

