

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001250.D
 Acq On : 16 Jan 2020 04:08
 Operator : SY/MD
 Sample : L1136-07MSD
 Misc : 8.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Quant Time: Jan 16 04:58:14 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	147316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	268472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	71081	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	72968	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	7.73	113	72549	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
50) Toluene-d8	10.18	98	275127	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	12.48	95	79290	32.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	66978	59.200	ug/l	97
3) Chloromethane	2.12	50	107818	66.114	ug/l	99
4) Vinyl Chloride	2.25	62	1419688	864.127	ug/l	99
5) Bromomethane	2.65	94	72450	82.097	ug/l	96
6) Chloroethane	2.80	64	72290	76.162	ug/l	99
7) Trichlorofluoromethane	3.13	101	129876	56.793	ug/l	100
8) Diethyl Ether	3.54	74	51680	58.158	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	80967	55.004	ug/l	99
10) Methyl Iodide	4.10	142	116471	57.806	ug/l	98
11) Tert butyl alcohol	4.97	59	36624	233.950	ug/l	98
12) 1,1-Dichloroethene	3.88	96	106515	70.727	ug/l	99
13) Acrolein	3.74	56	3777	26.800	ug/l	88
14) Allyl chloride	4.49	41	107701	42.373	ug/l	99
15) Acrylonitrile	5.18	53	119400	268.669	ug/l	99
16) Acetone	3.96	43	89488	247.650	ug/l	100
17) Carbon Disulfide	4.20	76	301512	61.858	ug/l	99
18) Methyl Acetate	4.49	43	89157	74.627	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	238525	57.259	ug/l	99
20) Methylene Chloride	4.73	84	113217	69.373	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	239772	140.412	ug/l	99
22) Diisopropyl ether	6.13	45	321364	61.902	ug/l	93
23) Vinyl Acetate	6.07	43	595014	179.211	ug/l	99
24) 1,1-Dichloroethane	6.03	63	290512	102.217	ug/l	99
25) 2-Butanone	7.00	43	151467	269.330	ug/l #	78
26) 2,2-Dichloropropane	7.00	77	134177	51.339	ug/l #	1
27) cis-1,2-Dichloroethene	7.00	96	2566103	1371.413	ug/l	92
28) Bromochloromethane	7.35	49	67238	57.612	ug/l	98
29) Tetrahydrofuran	7.36	42	102947	267.115	ug/l	97
30) Chloroform	7.52	83	172871	62.077	ug/l	99
31) Cyclohexane	7.80	56	157253	52.257	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	146614	59.336	ug/l	100
36) 1,1-Dichloropropene	7.93	75	128276	52.423	ug/l	99
37) Ethyl Acetate	7.08	43	64716	45.065	ug/l #	80
38) Carbon Tetrachloride	7.91	117	118604	52.889	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	154147	46.466	ug/l	99
40) Benzene	8.17	78	416263	58.277	ug/l	99
41) Methacrylonitrile	7.35	41	94953	140.760	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	110195	55.096	ug/l	100
43) Isopropyl Acetate	8.28	43	139869	50.935	ug/l	99
44) Trichloroethene	8.94	130	134315	72.165	ug/l	100
45) 1,2-Dichloropropane	9.22	63	99034	56.083	ug/l	99
46) Dibromomethane	9.31	93	50434	52.346	ug/l	98
47) Bromodichloromethane	9.50	83	124847	53.170	ug/l	97
48) Methyl methacrylate	9.30	41	64790	50.986	ug/l	99
49) 1,4-Dioxane	9.30	88	12752	1086.807	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	343854	246.780	ug/l	99
52) Toluene	10.25	92	244163	53.595	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	119670	45.545	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	145527	49.124	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	70621	49.442	ug/l	97
56) Ethyl methacrylate	10.51	69	103473	47.358	ug/l	99
57) 1,3-Dichloropropane	10.79	76	122527	49.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	155039	201.753	ug/l	99
59) 2-Hexanone	10.83	43	233356	238.968	ug/l	97
60) Dibromochloromethane	10.99	129	77087	46.874	ug/l	99
61) 1,2-Dibromoethane	11.09	107	64240	46.060	ug/l	100
64) Tetrachloroethene	10.72	164	79742	60.959	ug/l	98
65) Chlorobenzene	11.52	112	221620	54.656	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	83249	59.569	ug/l	99
67) Ethyl Benzene	11.59	91	426547	57.505	ug/l	99
68) m/p-Xylenes	11.70	106	320003	114.364	ug/l	100
69) o-Xylene	12.03	106	152674	56.909	ug/l	100
70) Styrene	12.04	104	238746	50.719	ug/l	98
71) Bromoform	12.20	173	40267	46.722	ug/l	98
73) Isopropylbenzene	12.33	105	392614	73.473	ug/l	100
74) N-amyl acetate	12.14	43	106971	64.144	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	74611	66.364	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	90322	118.700	ug/l #	100
77) Bromobenzene	12.61	156	76034	64.394	ug/l	95
78) n-propylbenzene	12.67	91	428419	66.653	ug/l	100
79) 2-Chlorotoluene	12.75	91	237669	64.384	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	297651	66.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22838	50.896	ug/l #	95
82) 4-Chlorotoluene	12.85	91	238368	60.487	ug/l	99
83) tert-Butylbenzene	13.07	119	262714	70.124	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	290840	65.686	ug/l	100
85) sec-Butylbenzene	13.25	105	329865	61.203	ug/l	100
86) p-Isopropyltoluene	13.37	119	281267	60.106	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	119244	53.400	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	121487	52.861	ug/l	99
89) n-Butylbenzene	13.69	91	230222	48.847	ug/l	98
90) Hexachloroethane	13.96	117	55657	60.870	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	103414	49.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11022	54.348	ug/l	98

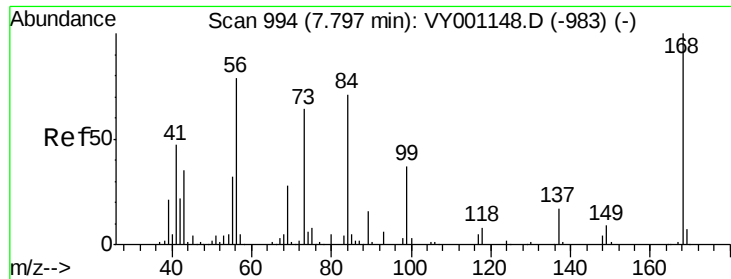
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	36787	26.903	ug/l	98
94) Hexachlorobutadiene	15.11	225	19926	28.926	ug/l	99
95) Naphthalene	15.23	128	110455	34.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	29010	24.073	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

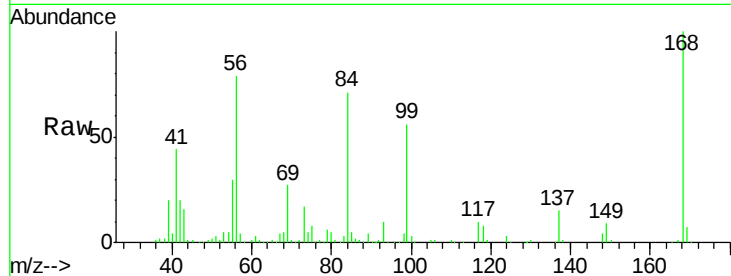
WP022SB457_200113_28-30MSD

Tgt Ion:168 Resp: 147316

Ion Ratio Lower Upper

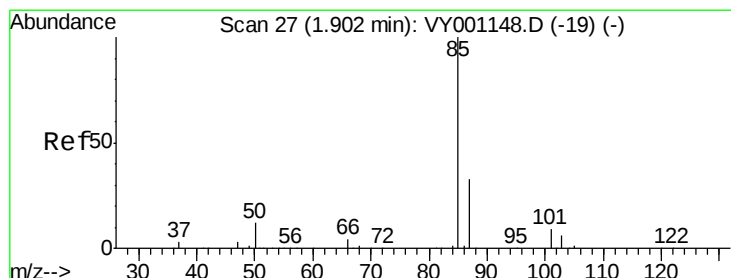
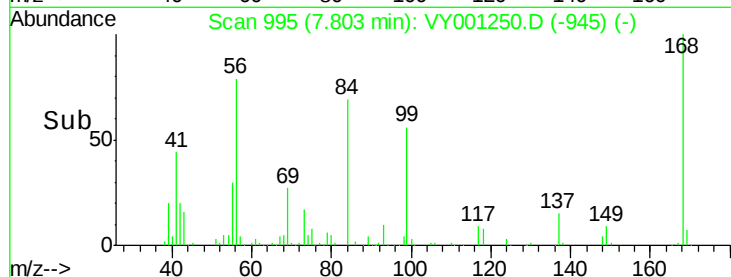
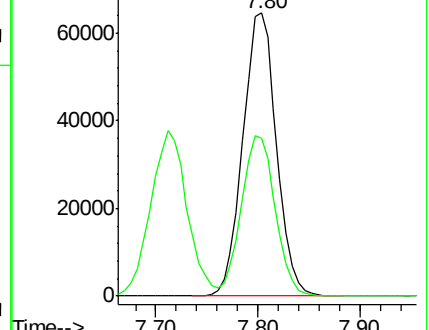
168 100

99 55.7 47.9 71.9



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

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



#2

Dichlorodifluoromethane

Concen: 59.200 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001250.D

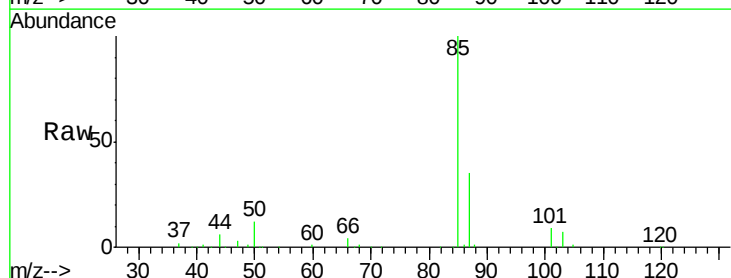
Acq: 16 Jan 2020 04:08

Tgt Ion: 85 Resp: 66978

Ion Ratio Lower Upper

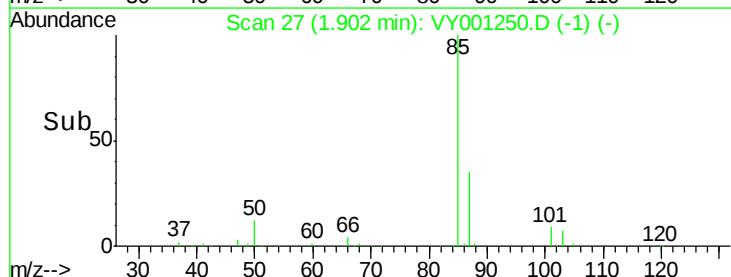
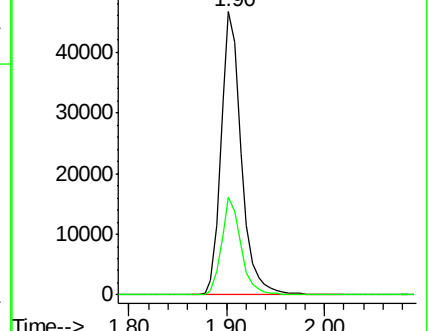
85 100

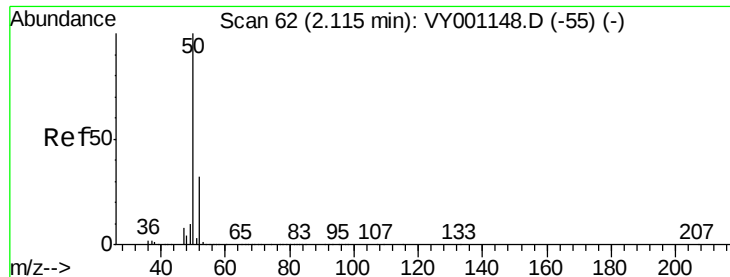
87 34.6 16.4 49.2



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

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





#3

Chloromethane

Concen: 66.114 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

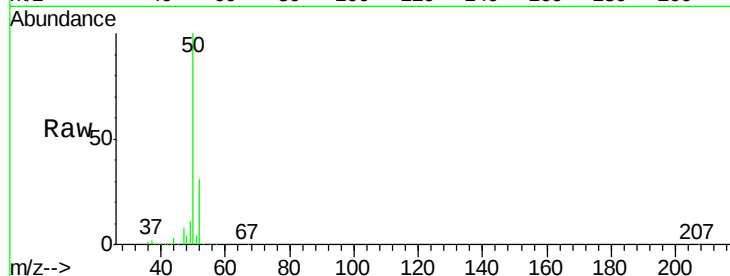
WP022SB457_200113_28-30MSD

Tgt Ion: 50 Resp: 107818

Ion Ratio Lower Upper

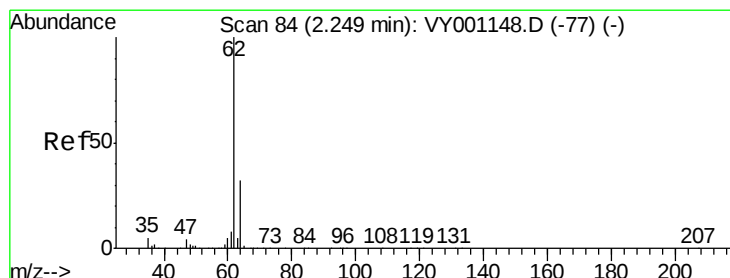
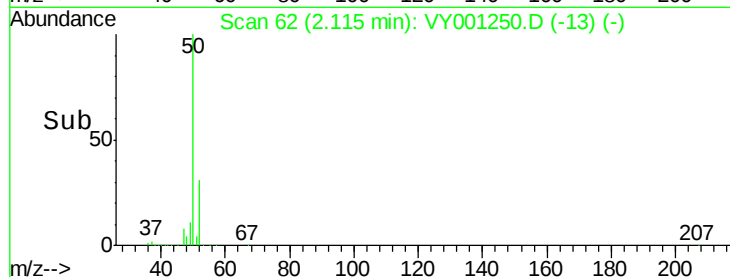
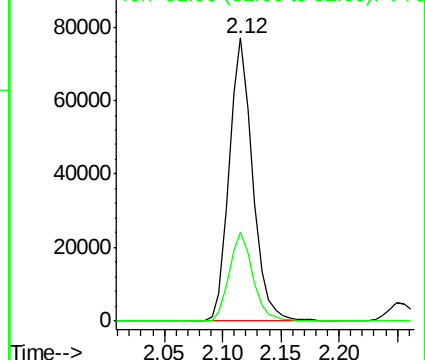
50 100

52 31.5 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: 864.127 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001250.D

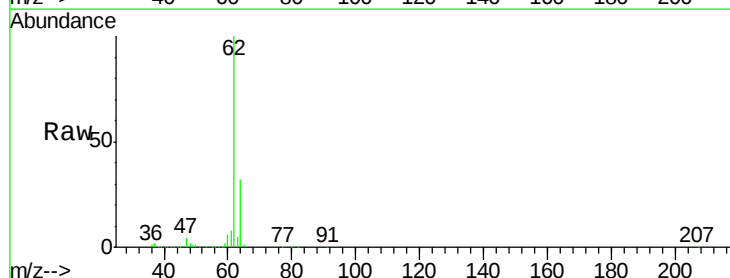
Acq: 16 Jan 2020 04:08

Tgt Ion: 62 Resp: 1419688

Ion Ratio Lower Upper

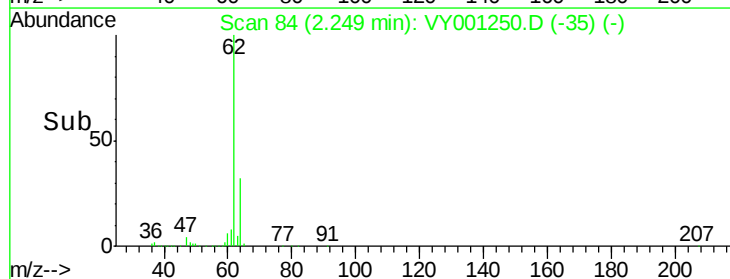
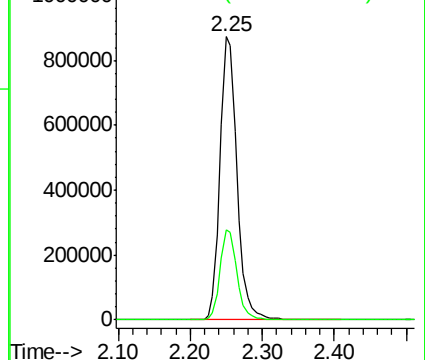
62 100

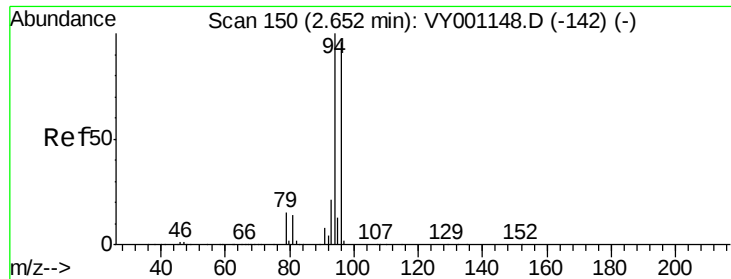
64 32.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 82.097 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

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ClientSampleId :

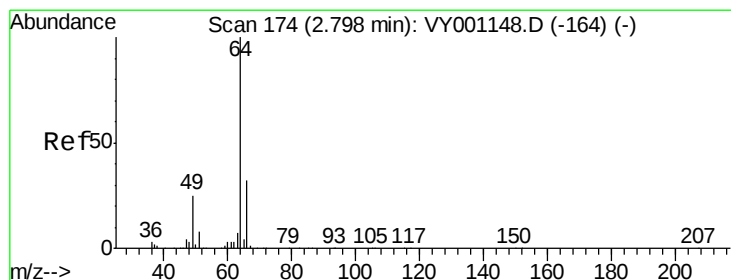
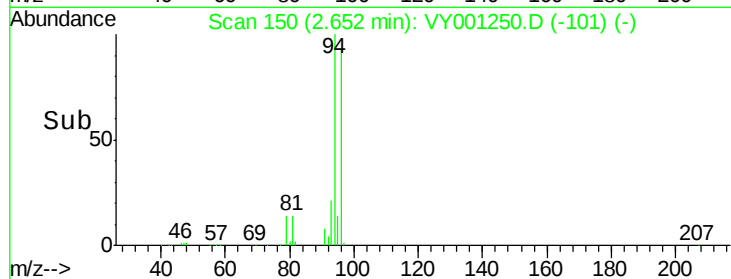
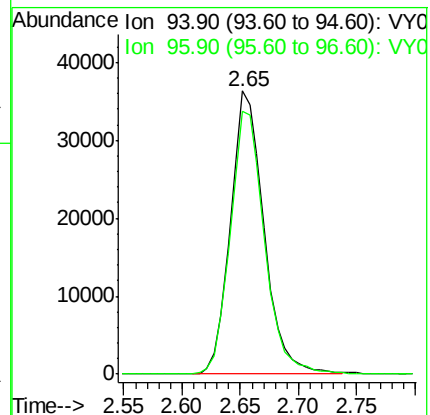
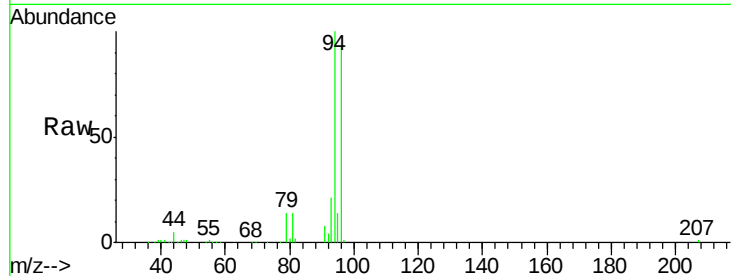
WP022SB457_200113_28-30MSD

Tgt Ion: 94 Resp: 72450

Ion Ratio Lower Upper

94 100

96 92.7 77.3 115.9



#6

Chloroethane

Concen: 76.162 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001250.D

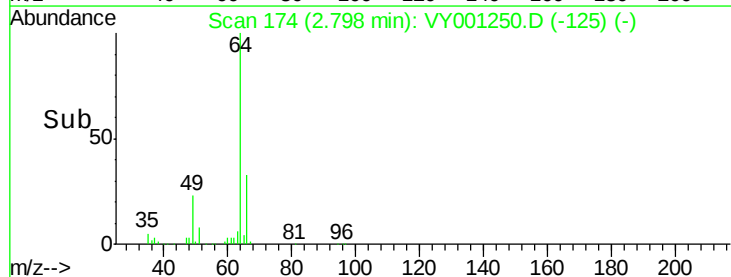
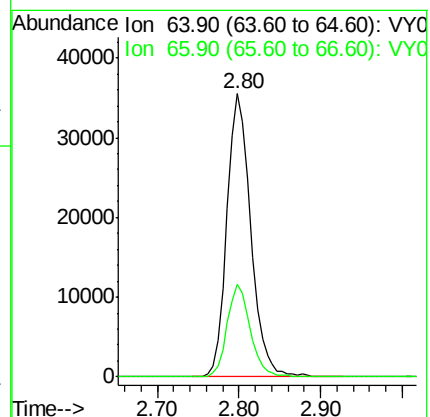
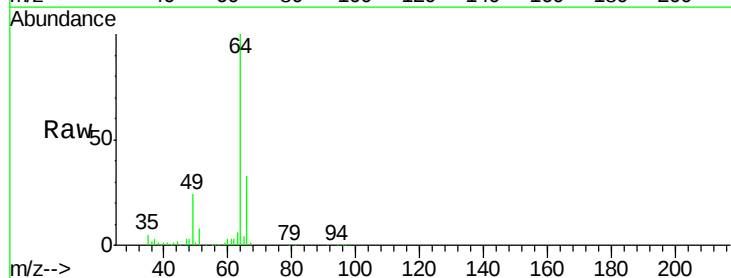
Acq: 16 Jan 2020 04:08

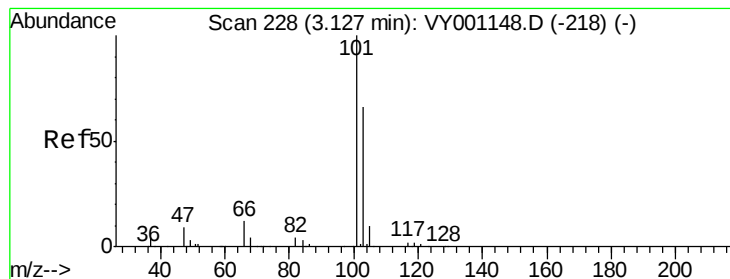
Tgt Ion: 64 Resp: 72290

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3



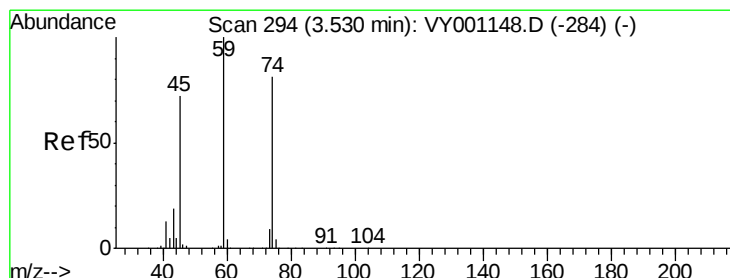
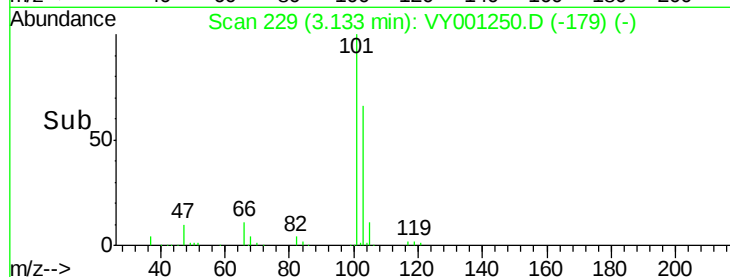
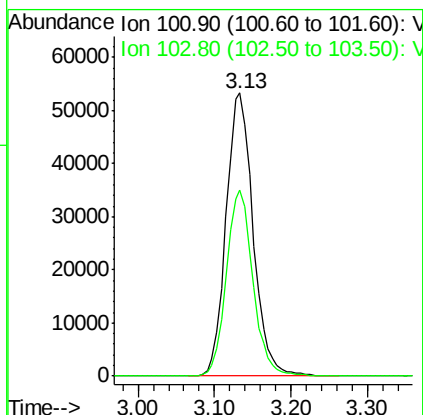
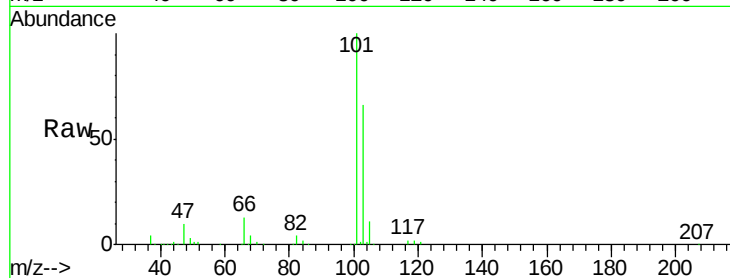


#7

Trichlorofluoromethane
 Concen: 56.793 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY001250.D
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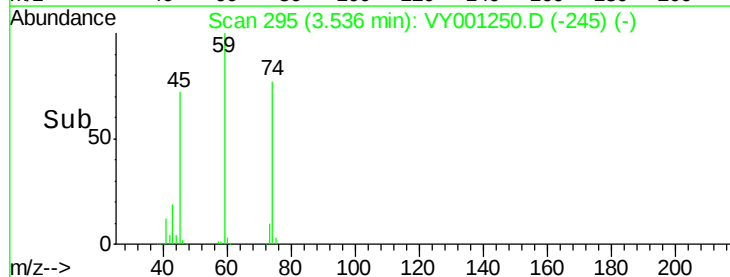
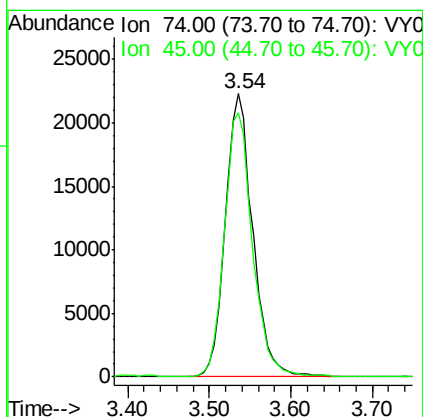
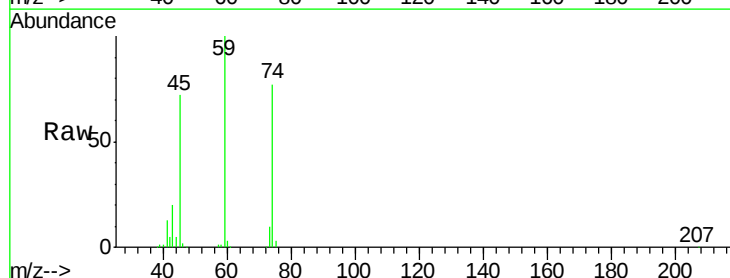
Tgt Ion:101 Resp: 129876
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 79.0

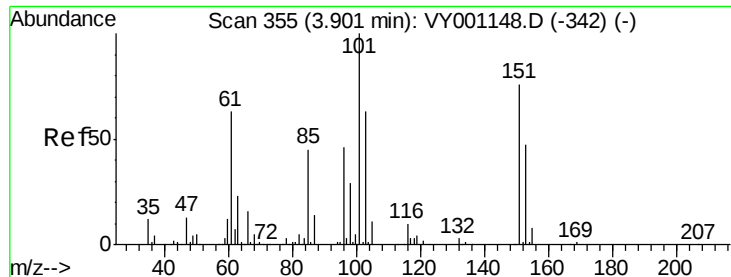


#8

Diethyl Ether
 Concen: 58.158 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion: 74 Resp: 51680
 Ion Ratio Lower Upper
 74 100
 45 95.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.004 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

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WP022SB457_200113_28-30MSD

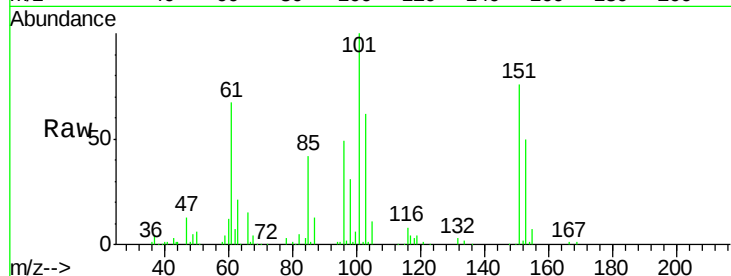
Tgt Ion:101 Resp: 80967

Ion Ratio Lower Upper

101 100

85 44.1 35.2 52.8

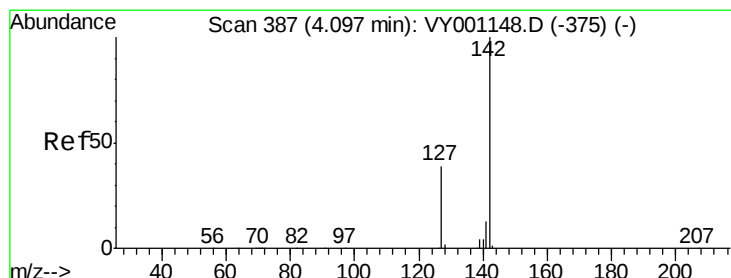
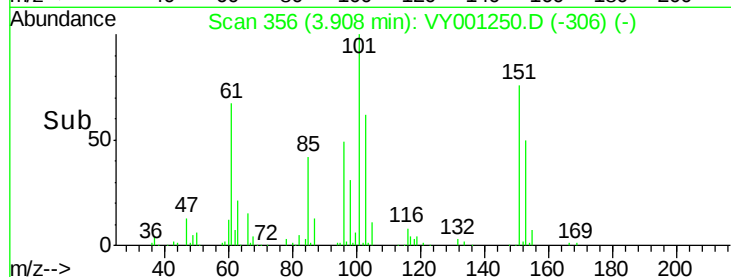
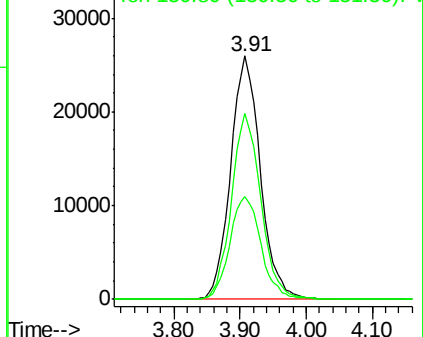
151 75.6 61.4 92.2



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: 57.806 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

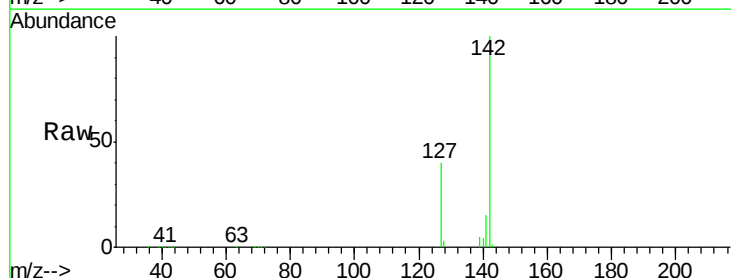
Tgt Ion:142 Resp: 116471

Ion Ratio Lower Upper

142 100

127 39.6 30.8 46.2

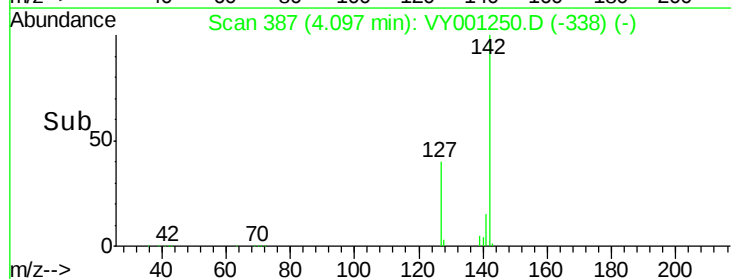
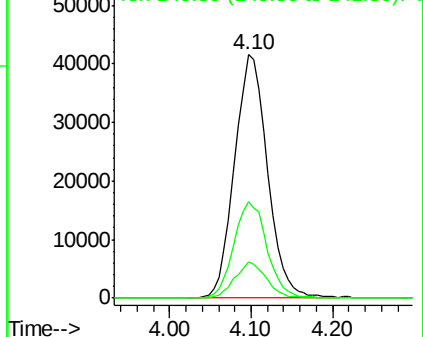
141 14.2 11.0 16.4

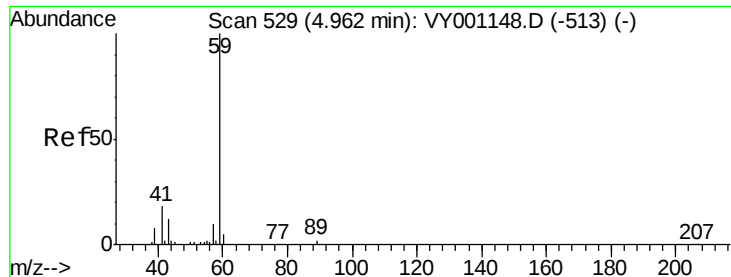


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



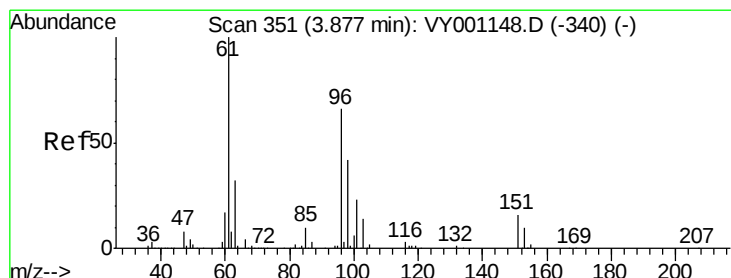
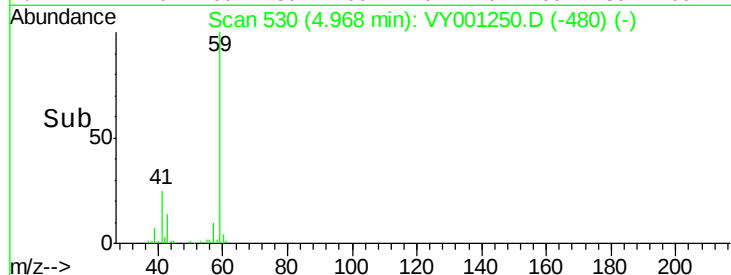
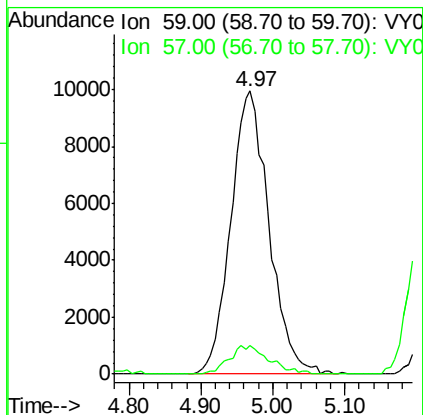
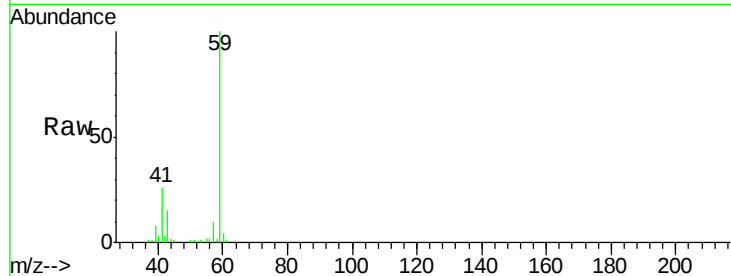


#11

Tert butyl alcohol
 Concen: 233.950 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

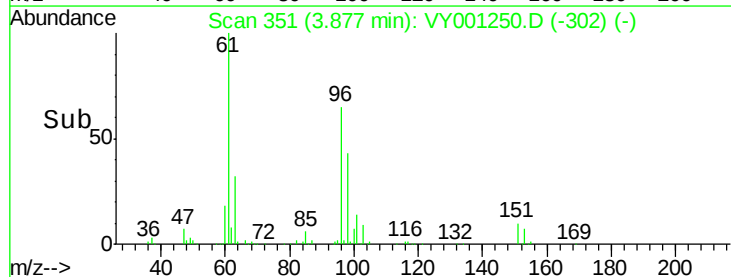
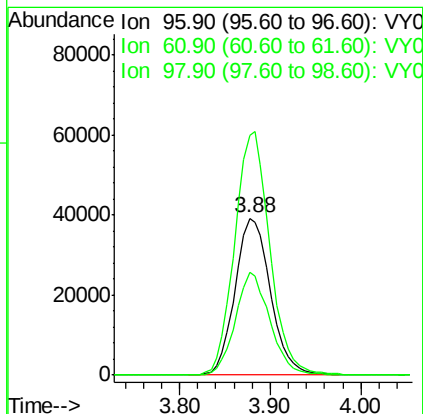
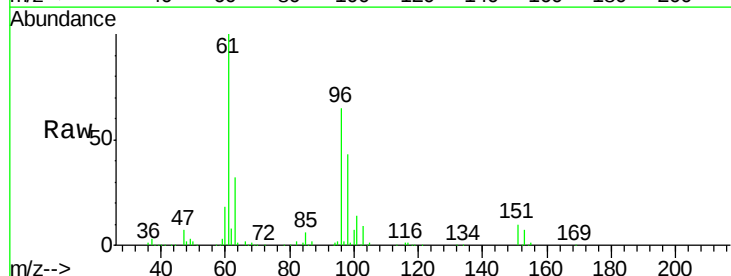
Tgt Ion: 59 Resp: 36624
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.8 11.8

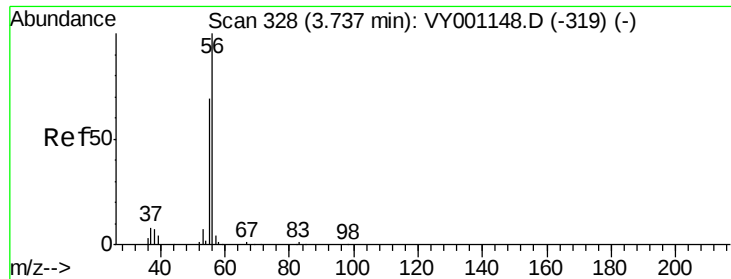


#12

1,1-Dichloroethene
 Concen: 70.727 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion: 96 Resp: 106515
 Ion Ratio Lower Upper
 96 100
 61 152.9 122.1 183.1
 98 65.6 51.0 76.6





#13

Acrolein

Concen: 26.800 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

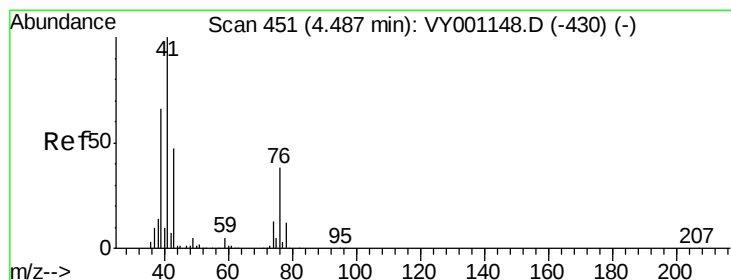
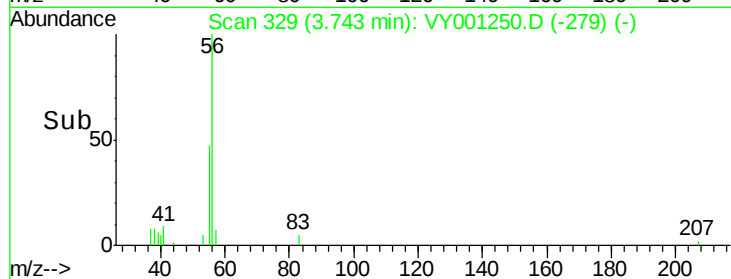
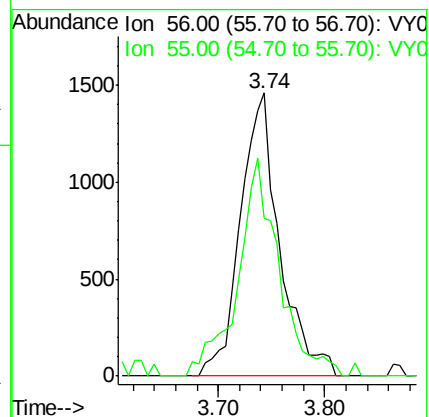
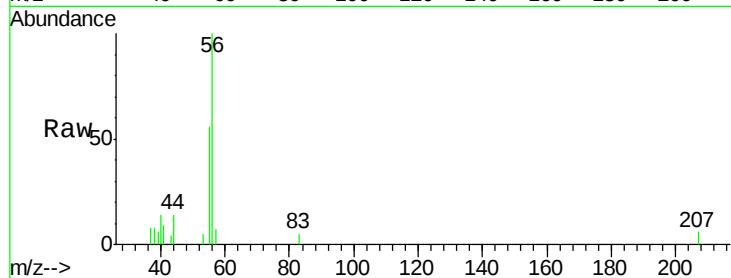
WP022SB457_200113_28-30MSD

Tgt Ion: 56 Resp: 3777

Ion Ratio Lower Upper

56 100

55 80.5 56.7 85.1



#14

Allyl chloride

Concen: 42.373 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

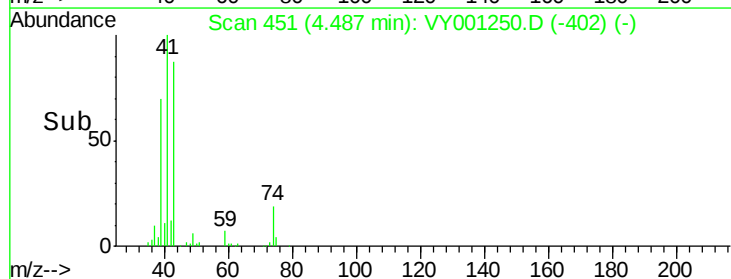
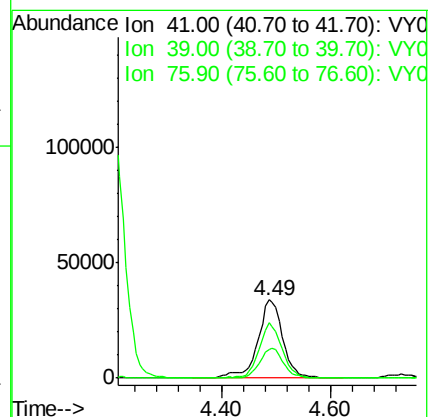
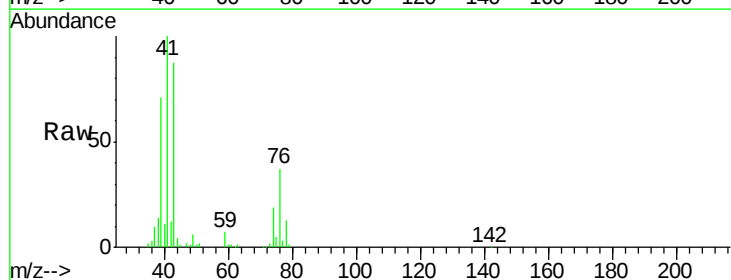
Tgt Ion: 41 Resp: 107701

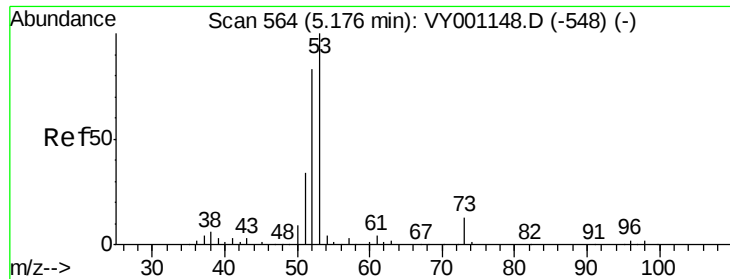
Ion Ratio Lower Upper

41 100

39 65.8 52.6 78.8

76 36.2 30.2 45.2





#15

Acrylonitrile

Concen: 268.669 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

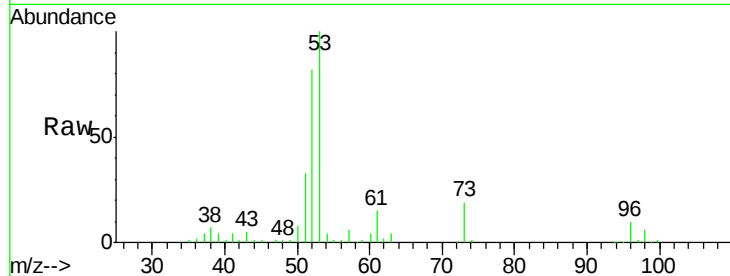
Tgt Ion: 53 Resp: 119400

Ion Ratio Lower Upper

53 100

52 81.6 65.7 98.5

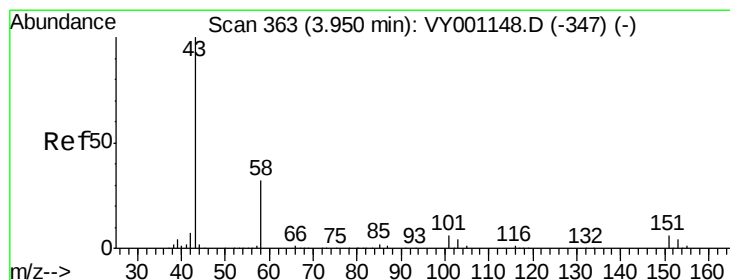
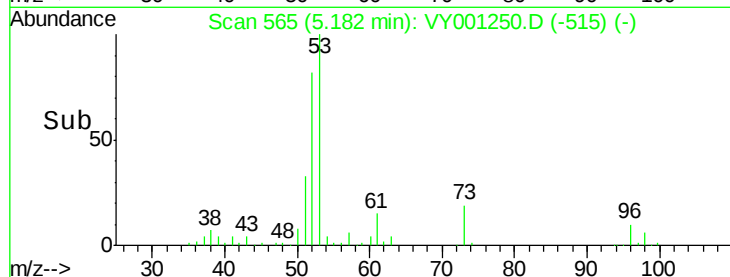
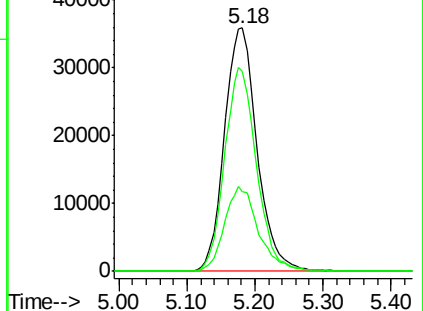
51 36.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY001148.D (-548) (-)

Ion 52.00 (51.70 to 52.70): VY001148.D (-548) (-)

Ion 51.00 (50.70 to 51.70): VY001148.D (-548) (-)



#16

Acetone

Concen: 247.650 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001250.D

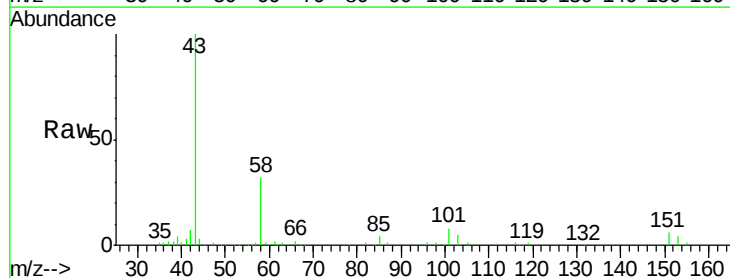
Acq: 16 Jan 2020 04:08

Tgt Ion: 43 Resp: 89488

Ion Ratio Lower Upper

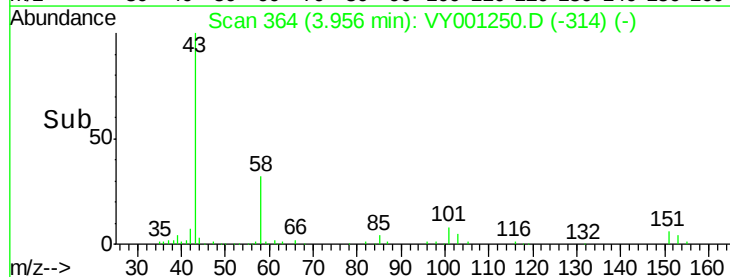
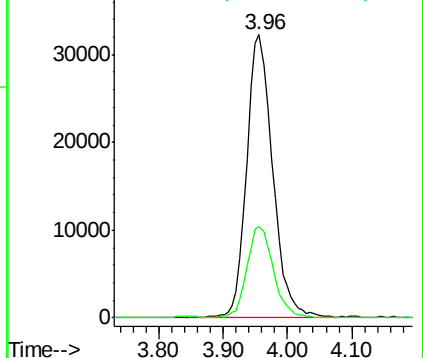
43 100

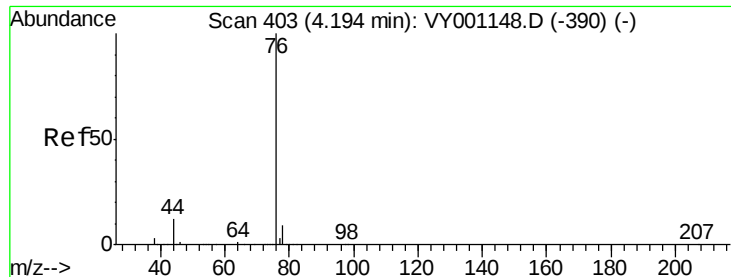
58 32.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

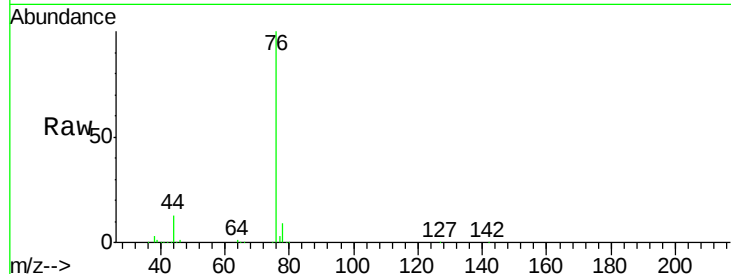




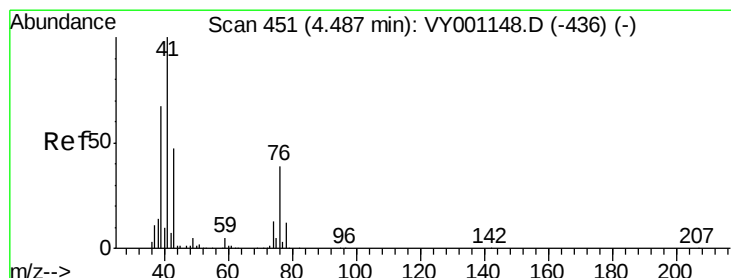
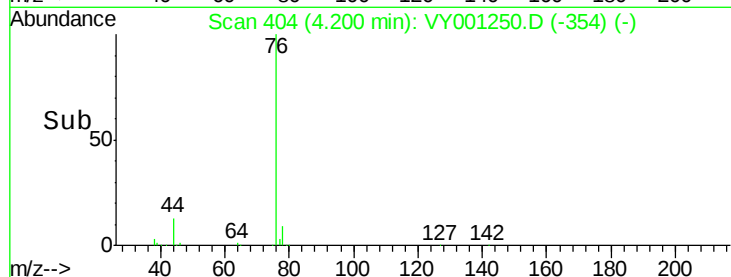
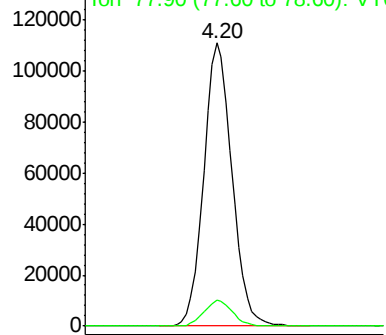
#17
Carbon Disulfide
Concen: 61.858 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tgt Ion: 76 Resp: 301512
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

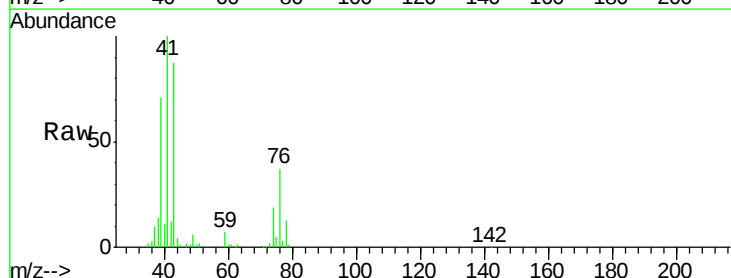


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

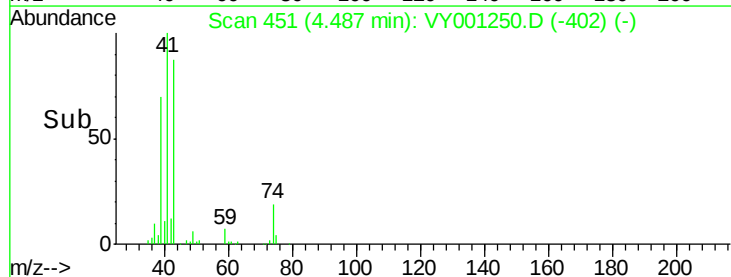
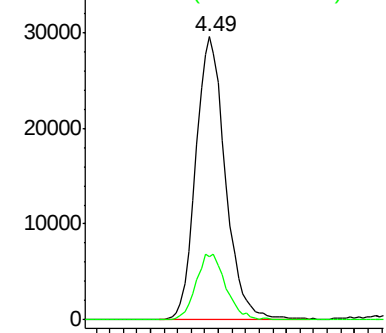


#18
Methyl Acetate
Concen: 74.627 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 43 Resp: 89157
Ion Ratio Lower Upper
43 100
74 23.5 20.2 30.2



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

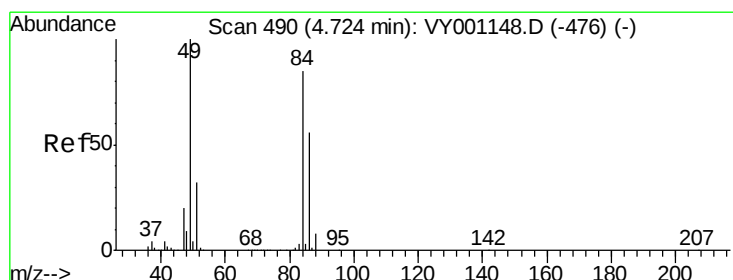
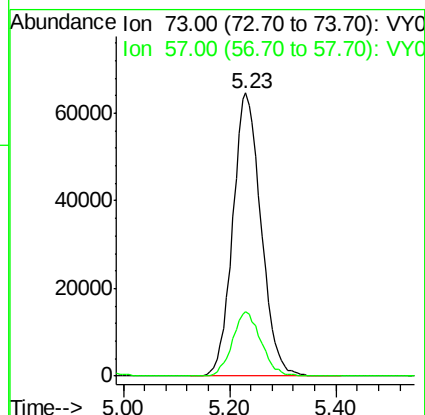
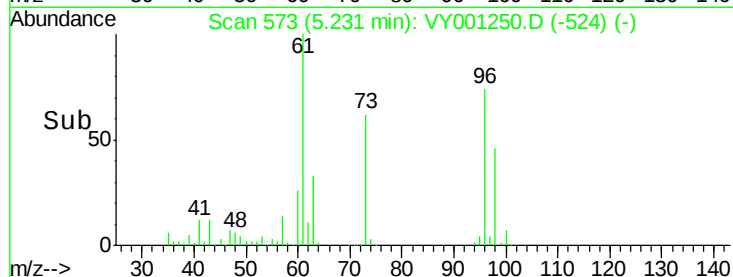
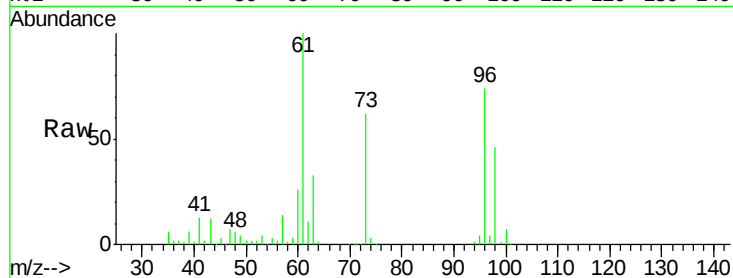




#19
Methyl tert-butyl Ether
Concen: 57.259 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

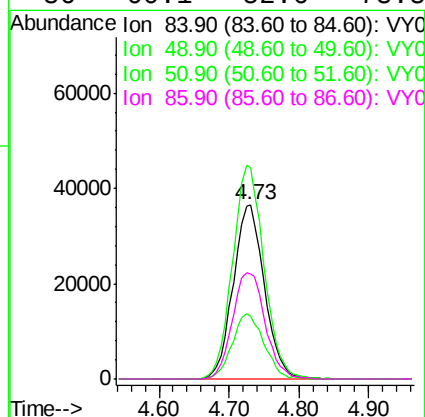
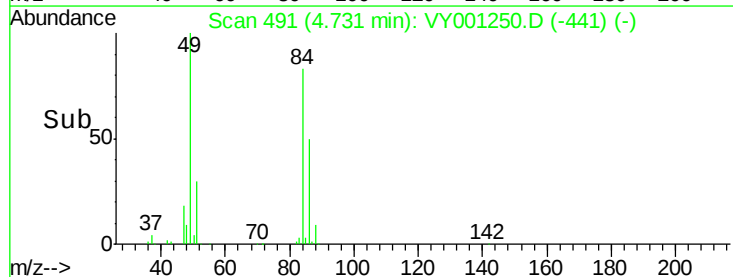
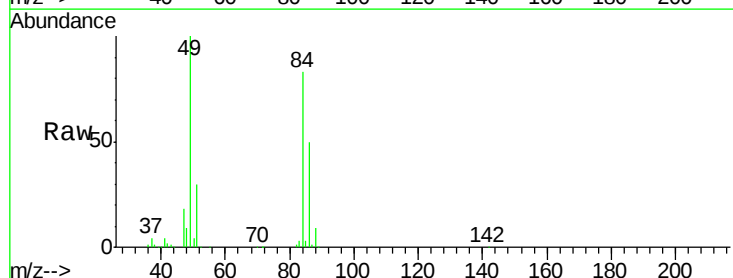
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

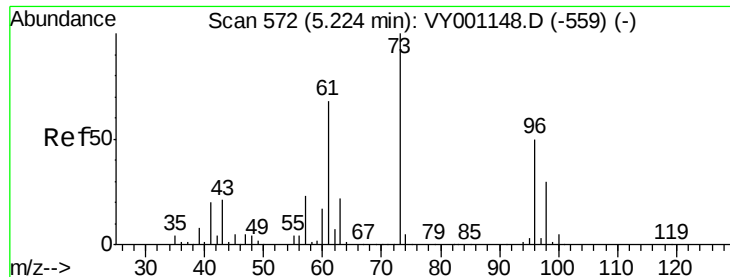
Tgt Ion: 73 Resp: 238525
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.6



#20
Methylene Chloride
Concen: 69.373 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 84 Resp: 113217
Ion Ratio Lower Upper
84 100
49 120.6 93.8 140.6
51 35.8 29.9 44.9
86 60.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 140.412 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

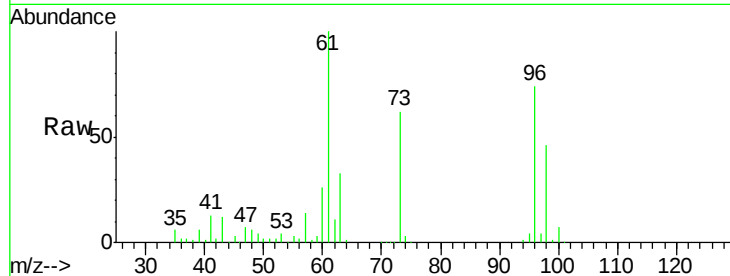
Tgt Ion: 96 Resp: 239772

Ion Ratio Lower Upper

96 100

61 134.5 107.6 161.4

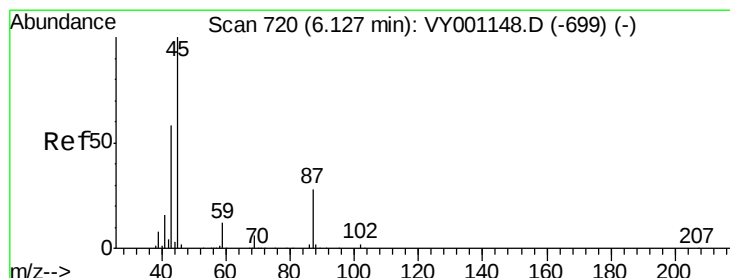
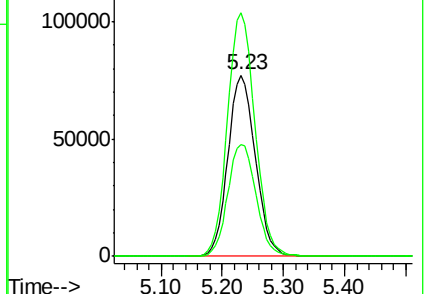
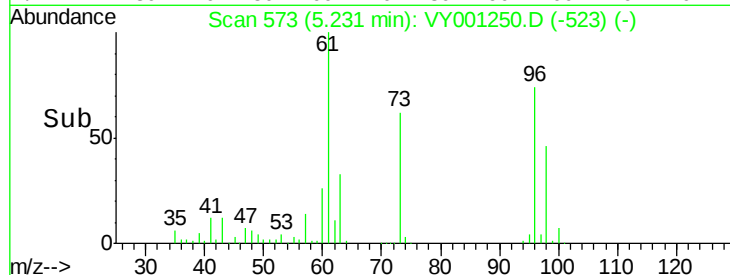
98 61.9 47.6 71.4



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: 61.902 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tgt Ion: 45 Resp: 321364

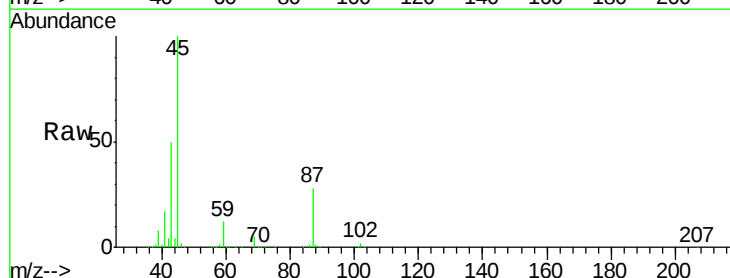
Ion Ratio Lower Upper

45 100

43 49.4 46.5 69.7

87 28.0 22.5 33.7

59 11.7 9.4 14.0

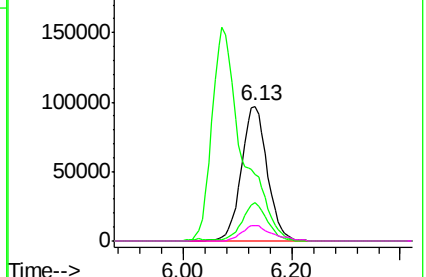
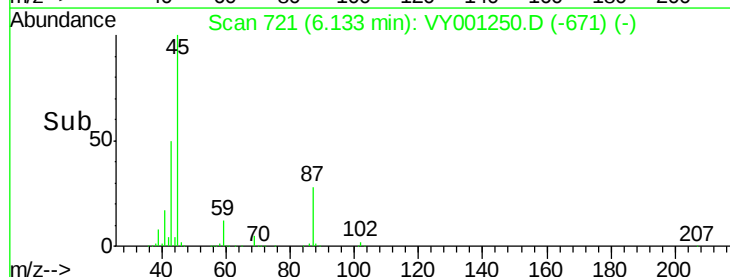


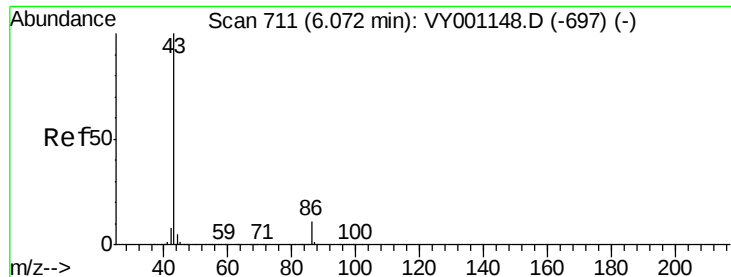
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 179.211 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

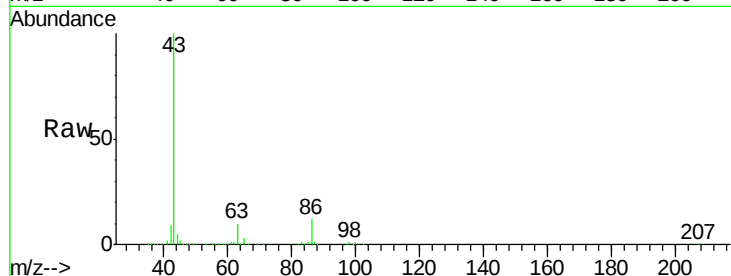
WP022SB457_200113_28-30MSD

Tgt Ion: 43 Resp: 595014

Ion Ratio Lower Upper

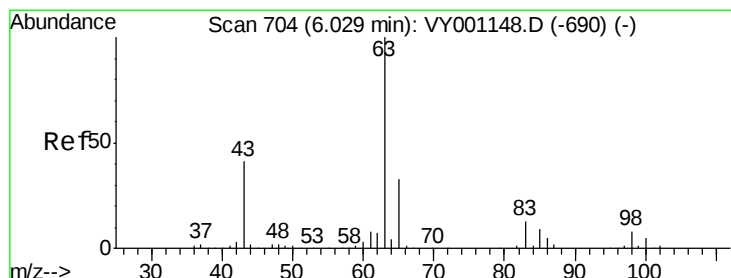
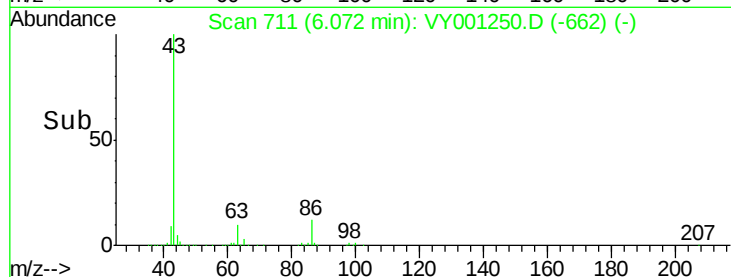
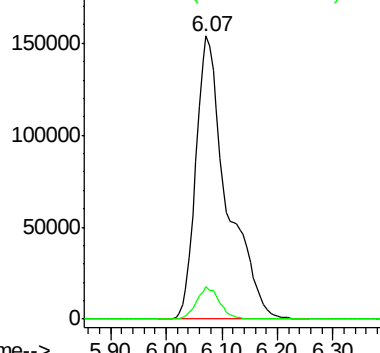
43 100

86 11.6 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 102.217 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

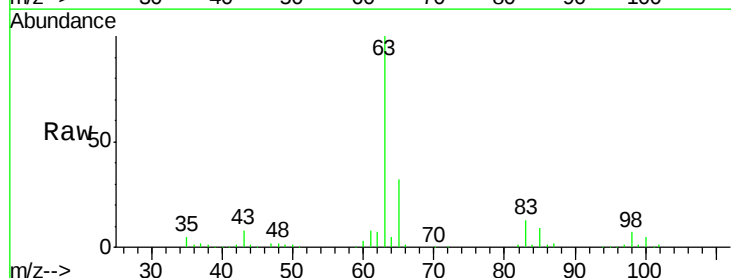
Tgt Ion: 63 Resp: 290512

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

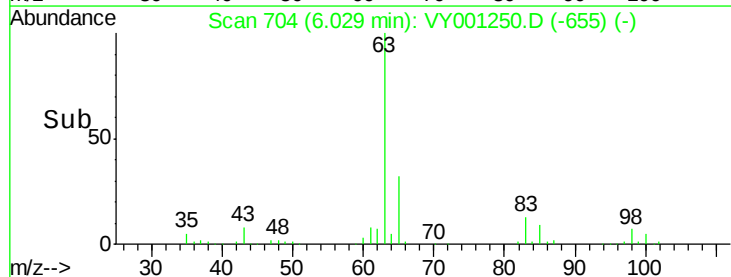
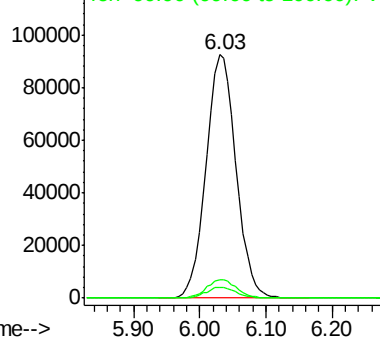
100 4.5 2.4 7.2

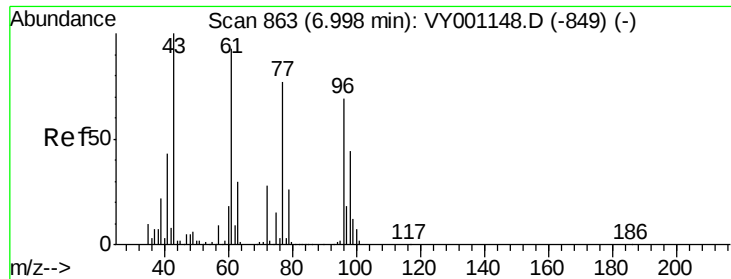


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 269.330 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

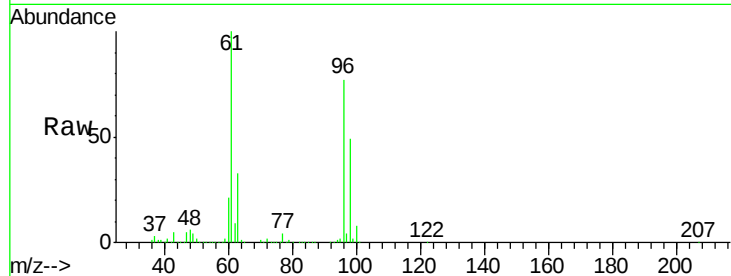
WP022SB457_200113_28-30MSD

Tgt Ion: 43 Resp: 151467

Ion Ratio Lower Upper

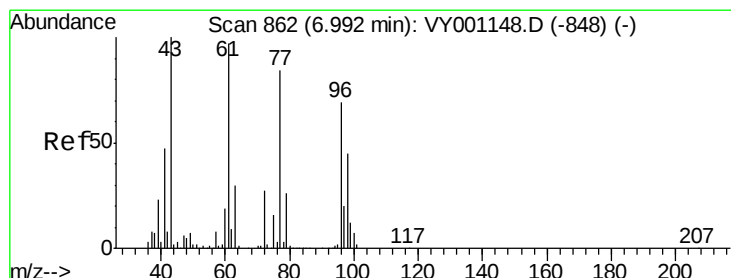
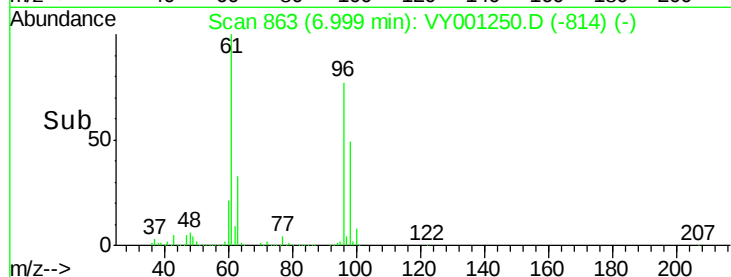
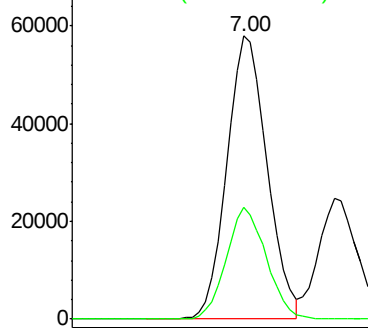
43 100

72 39.4 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 51.339 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY001250.D

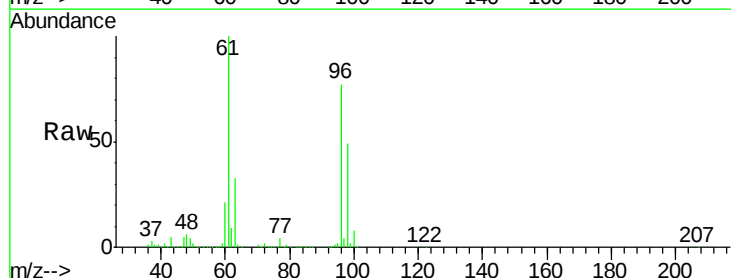
Acq: 16 Jan 2020 04:08

Tgt Ion: 77 Resp: 134177

Ion Ratio Lower Upper

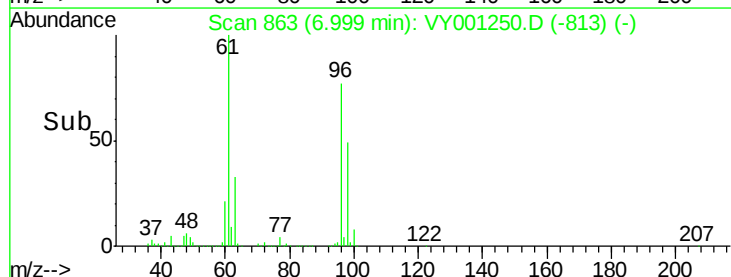
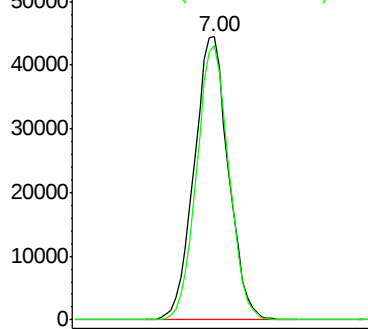
77 100

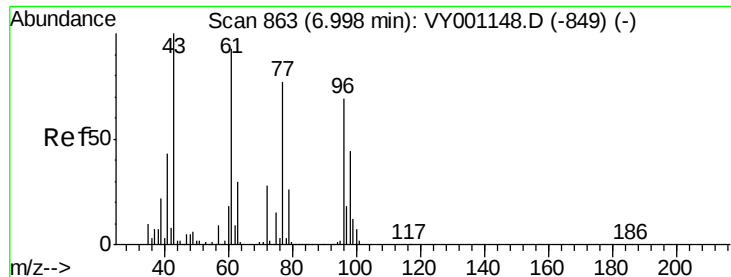
97 91.5 11.9 35.7#



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



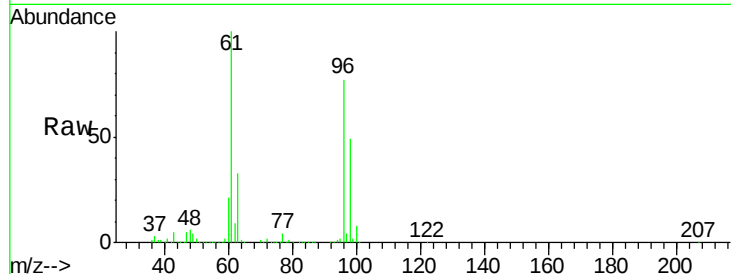


#27

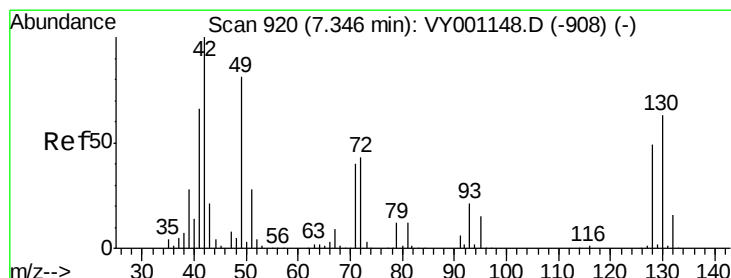
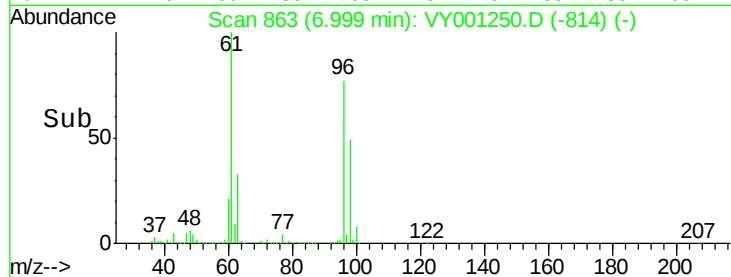
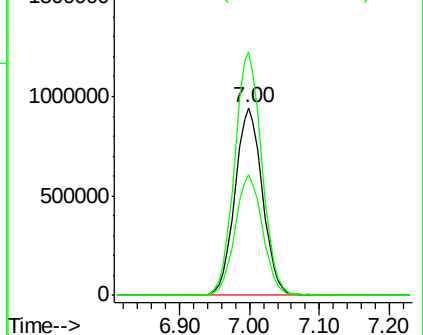
cis-1,2-Dichloroethene
Concen: 1371.413 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tgt Ion: 96 Resp: 2566103
Ion Ratio Lower Upper
96 100
61 128.9 0.0 284.0
98 64.1 0.0 130.2



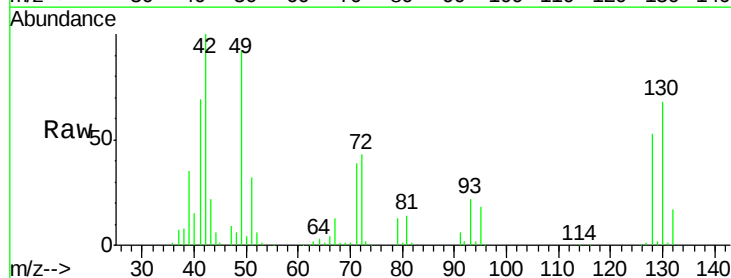
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



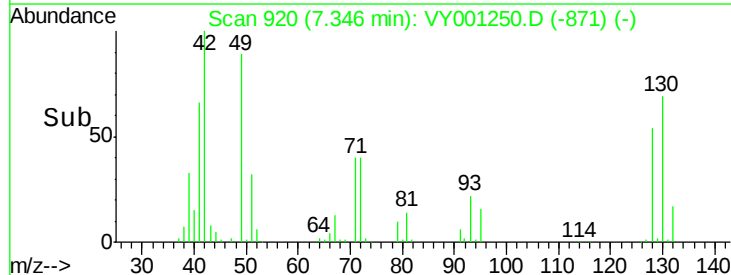
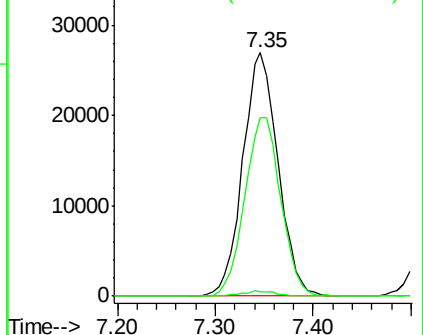
#28

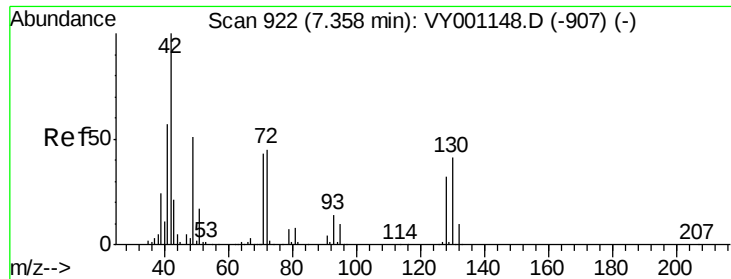
Bromochloromethane
Concen: 57.612 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 49 Resp: 67238
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 75.0 61.2 91.8



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

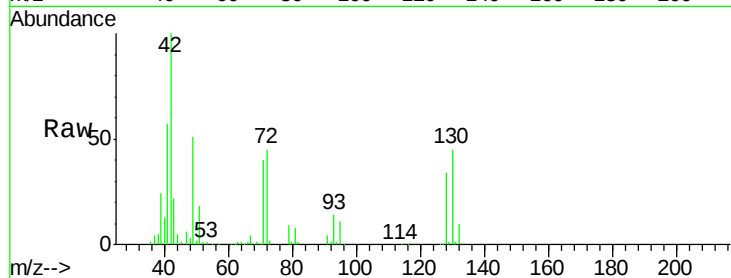




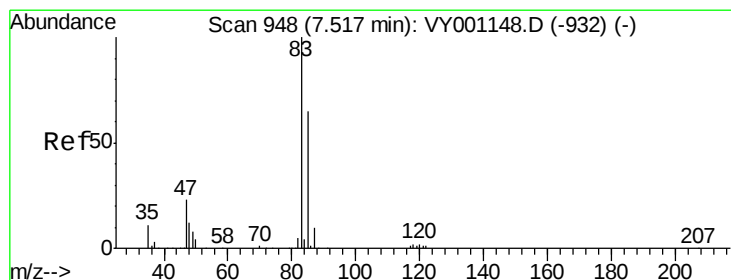
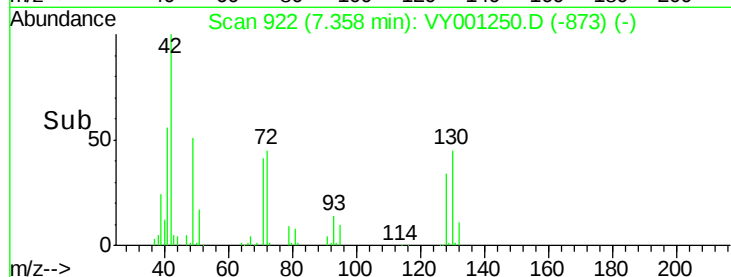
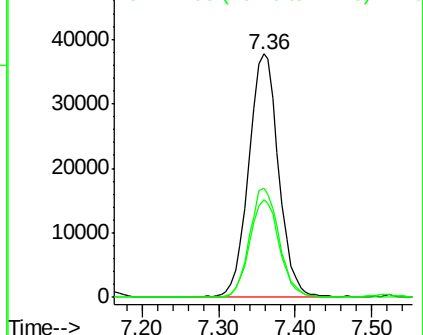
#29
Tetrahydrofuran
Concen: 267.115 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tgt Ion: 42 Resp: 102947
Ion Ratio Lower Upper
42 100
72 44.0 36.9 55.3
71 40.1 34.0 51.0

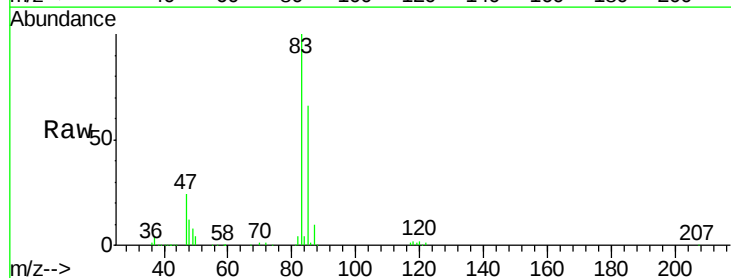


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

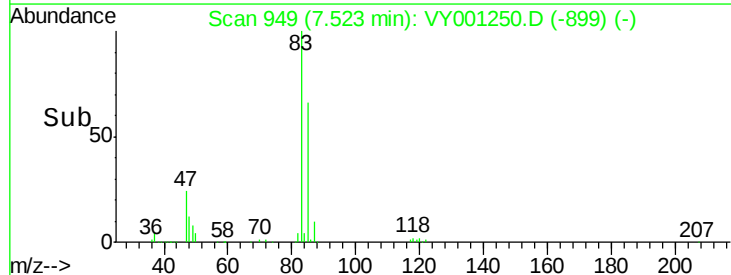
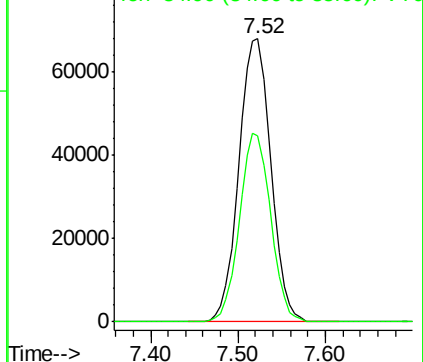


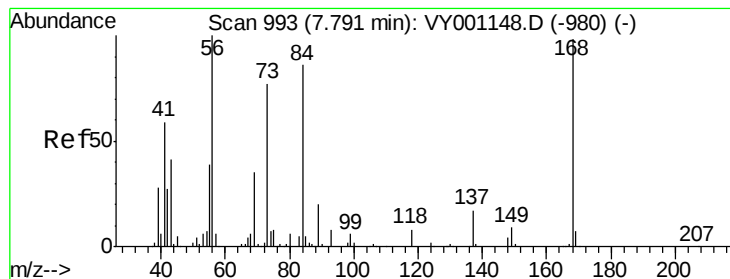
#30
Chloroform
Concen: 62.077 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 83 Resp: 172871
Ion Ratio Lower Upper
83 100
85 65.9 51.9 77.9



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





#31

Cyclohexane

Concen: 52.257 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

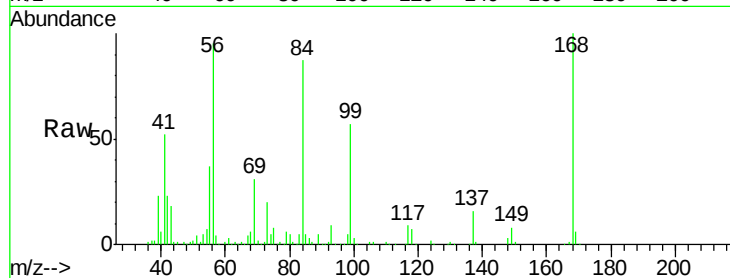
Tgt Ion: 56 Resp: 157253

Ion Ratio Lower Upper

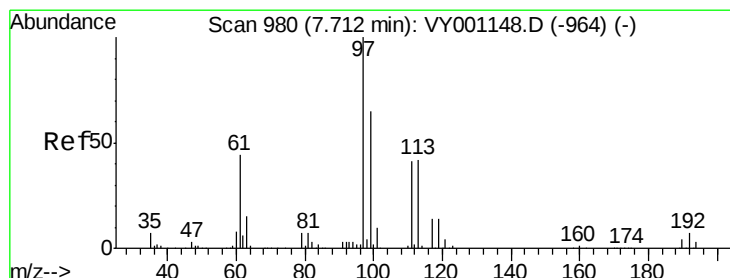
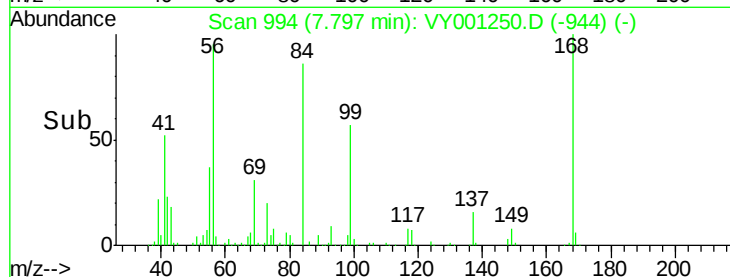
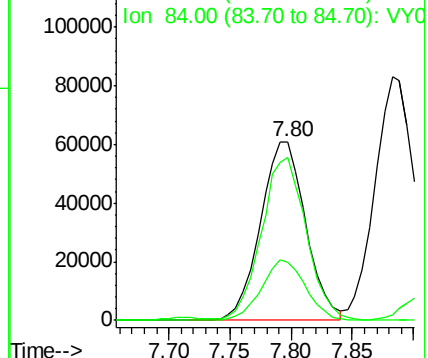
56 100

69 32.4 27.8 41.8

84 90.1 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: 59.336 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

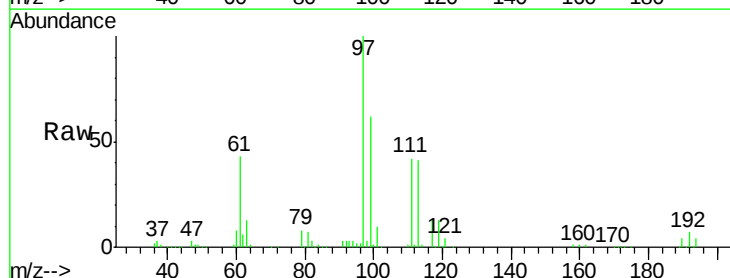
Tgt Ion: 97 Resp: 146614

Ion Ratio Lower Upper

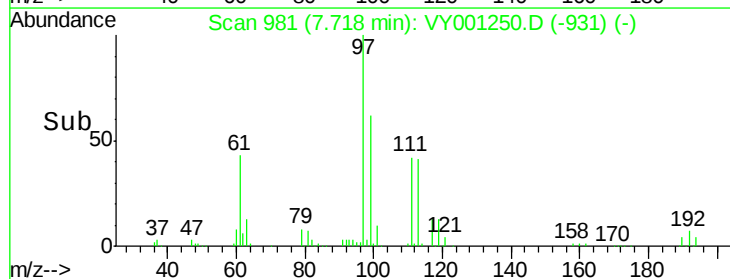
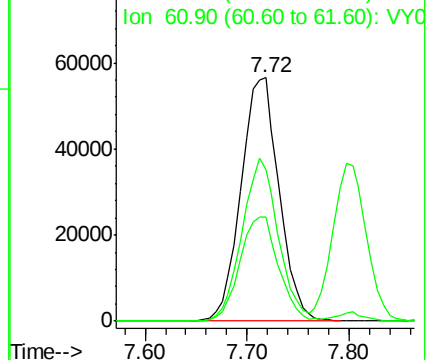
97 100

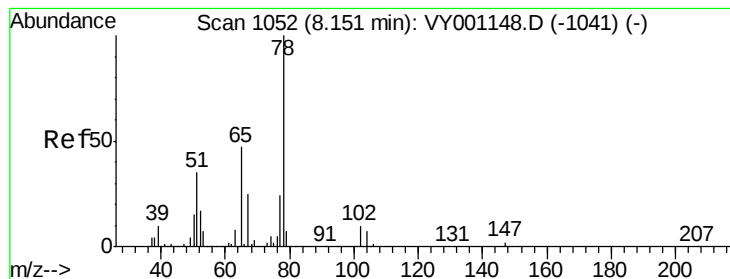
99 63.8 51.3 76.9

61 43.6 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: 46.897 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

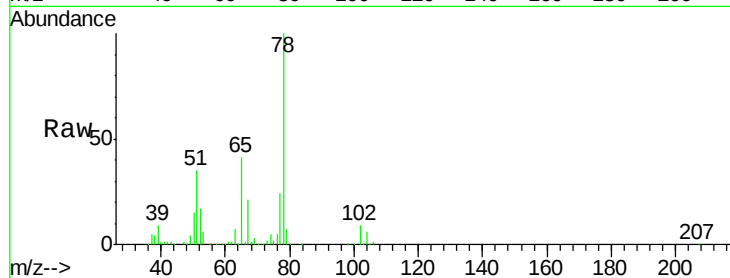
WP022SB457_200113_28-30MSD

Tgt Ion: 65 Resp: 72968

Ion Ratio Lower Upper

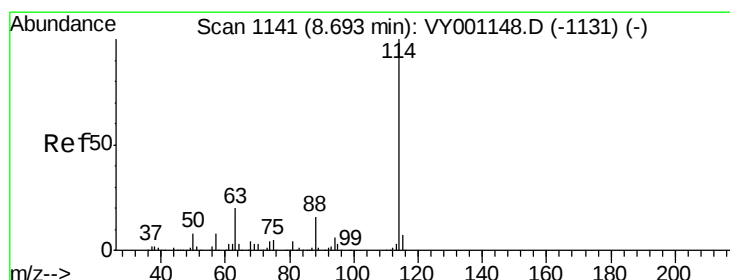
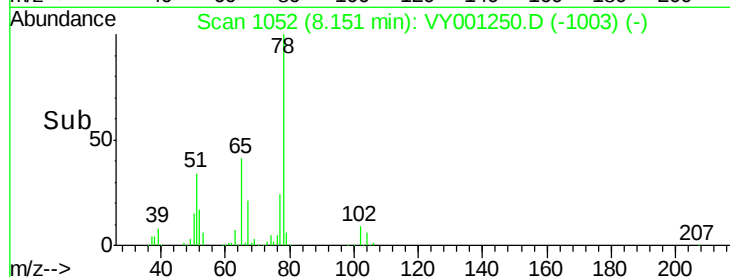
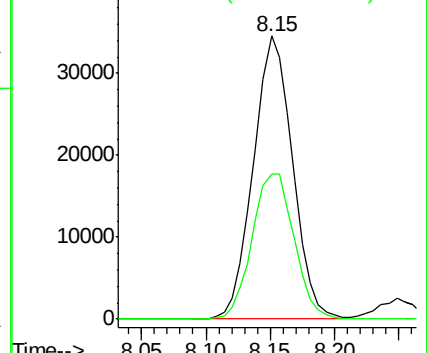
65 100

67 54.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

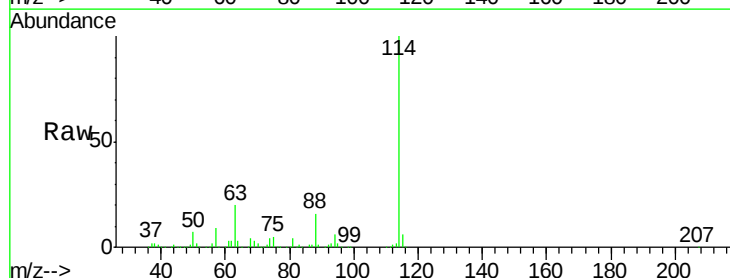
Tgt Ion: 114 Resp: 268472

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

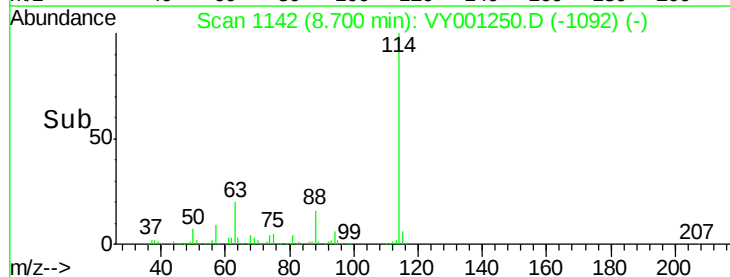
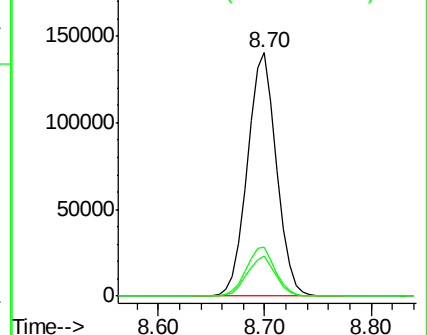
88 16.2 0.0 32.4

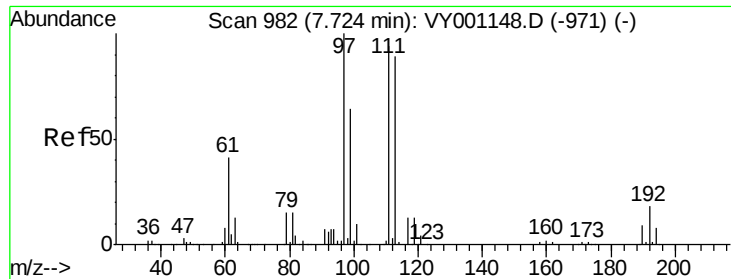


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 46.154 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

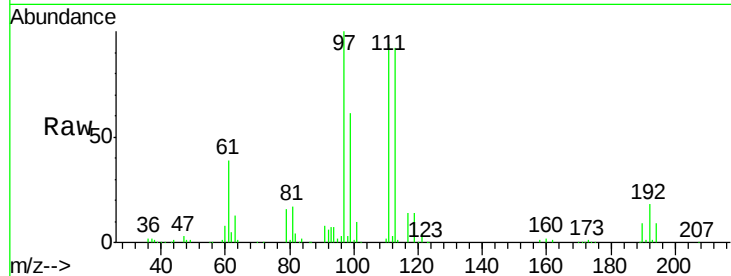
Tgt Ion:113 Resp: 72549

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

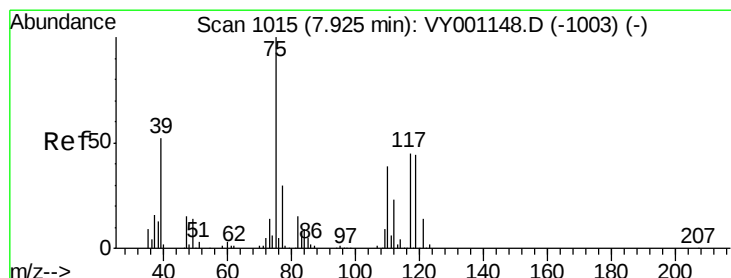
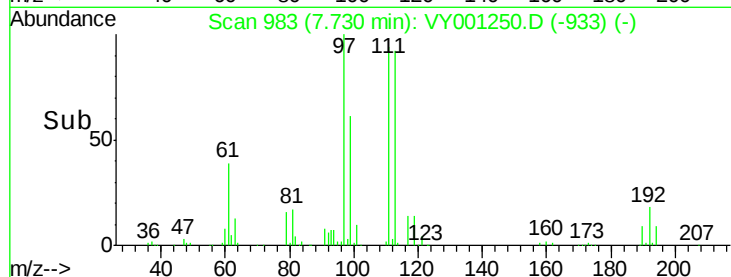
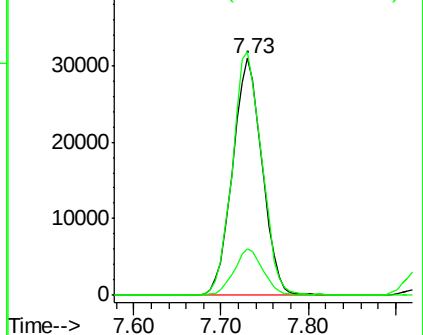
192 19.1 15.4 23.2



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: 52.423 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

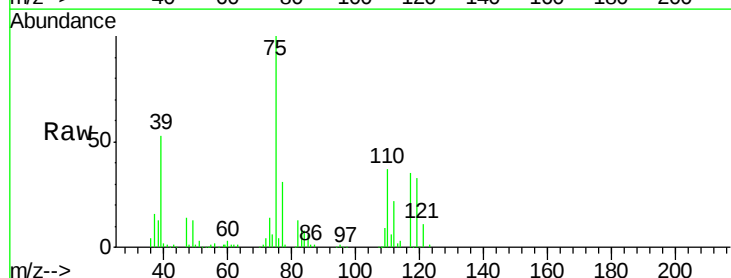
Tgt Ion: 75 Resp: 128276

Ion Ratio Lower Upper

75 100

110 36.7 18.3 54.8

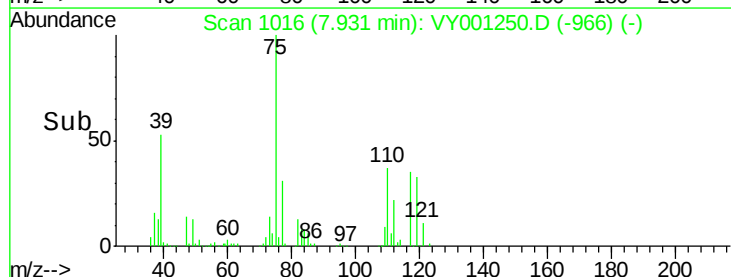
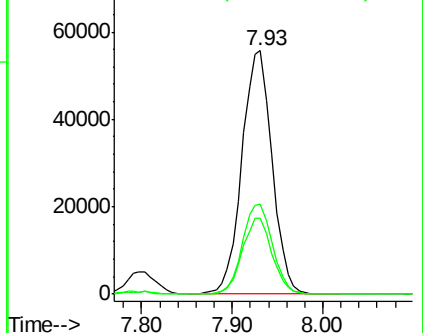
77 30.9 25.1 37.7

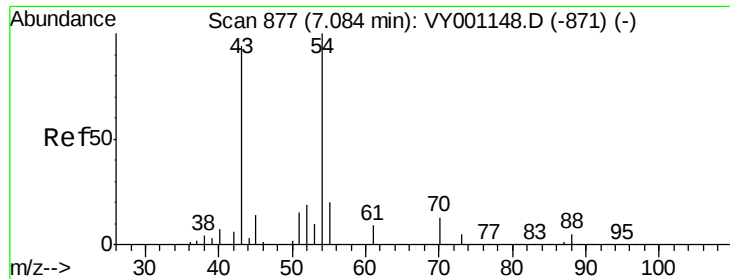


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 45.065 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

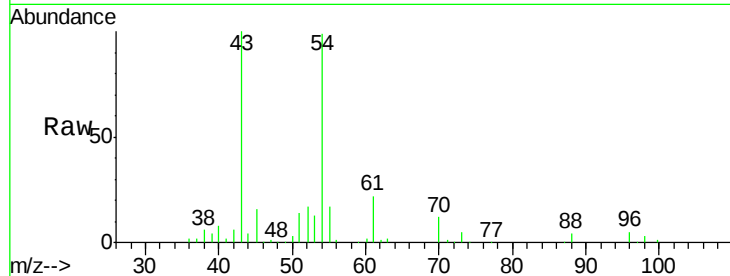
Tgt Ion: 43 Resp: 64716

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

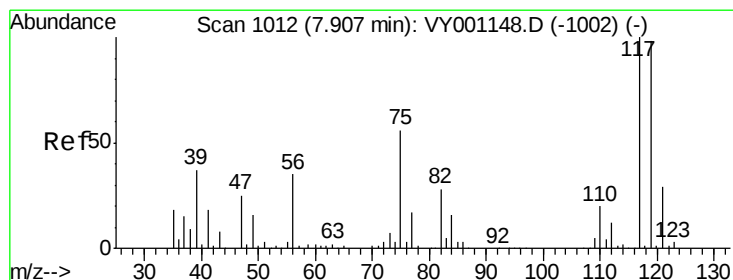
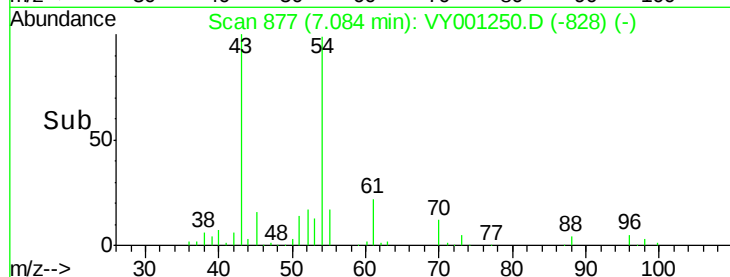
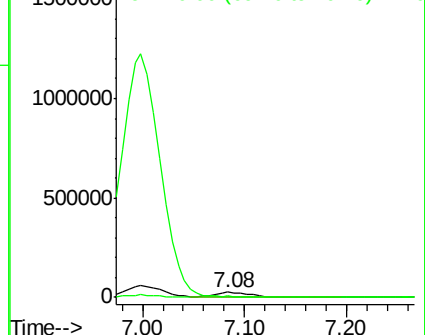
70 11.1 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-871) (-)

Ion 60.90 (60.60 to 61.60): VY001148.D (-871) (-)

Ion 70.00 (69.70 to 70.70): VY001148.D (-871) (-)



#38

Carbon Tetrachloride

Concen: 52.889 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

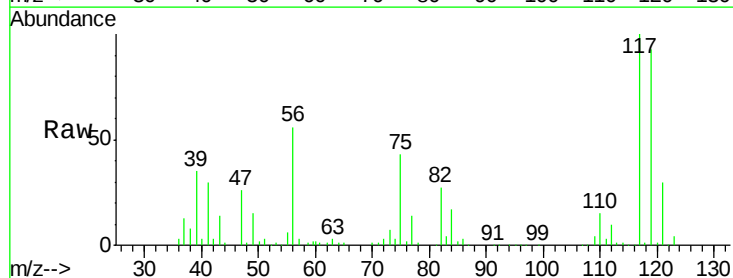
Tgt Ion: 117 Resp: 118604

Ion Ratio Lower Upper

117 100

119 93.4 78.3 117.5

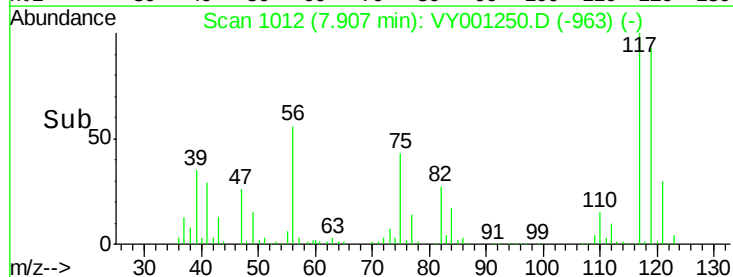
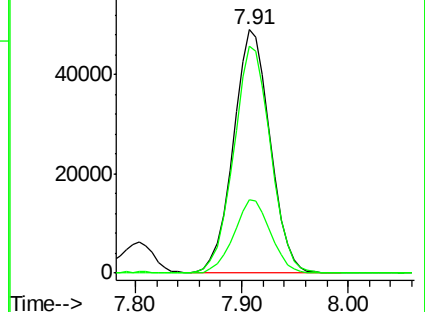
121 30.4 23.5 35.3

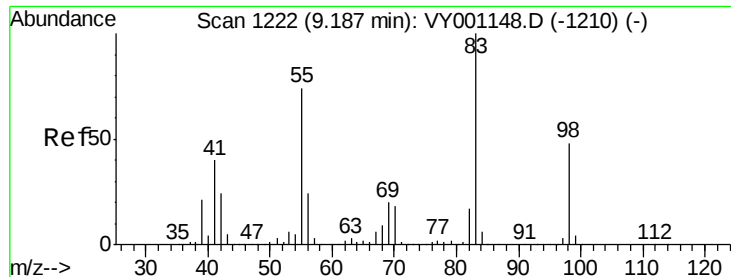


Abundance Ion 116.80 (116.50 to 117.50): VY001148.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY001148.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY001148.D (-1002) (-)

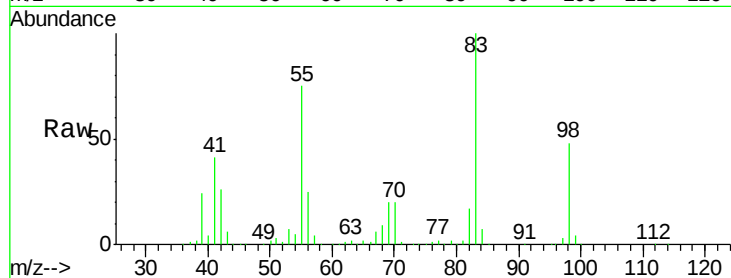




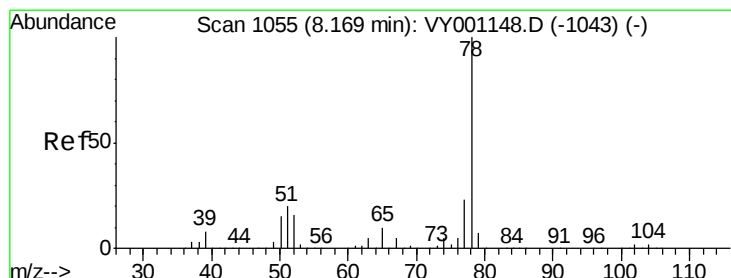
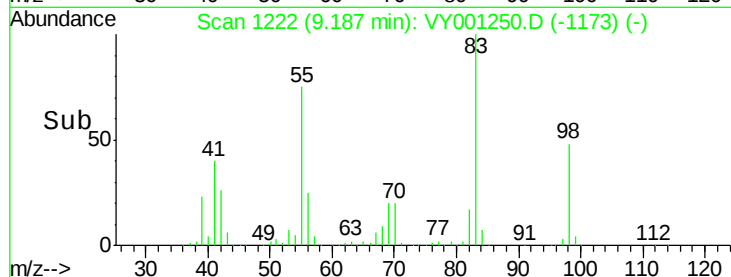
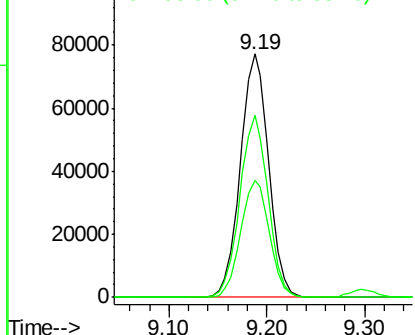
#39
Methylcyclohexane
Concen: 46.466 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tgt Ion: 83 Resp: 154147
Ion Ratio Lower Upper
83 100
55 74.7 58.9 88.3
98 48.1 38.4 57.6

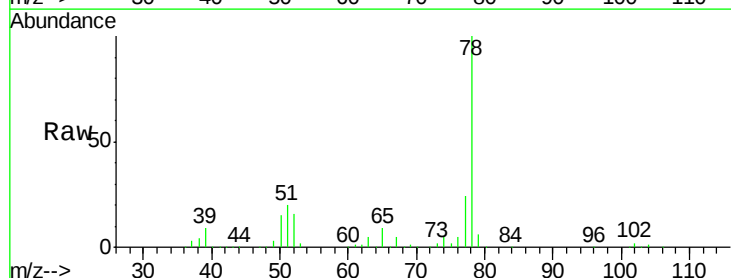


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

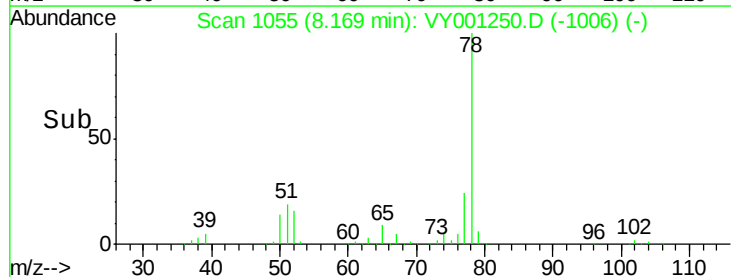
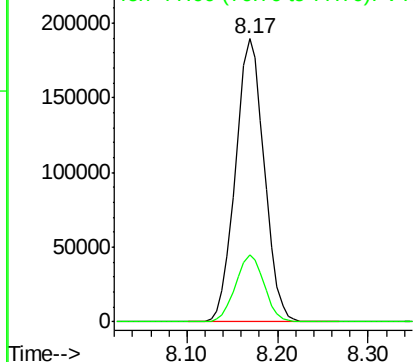


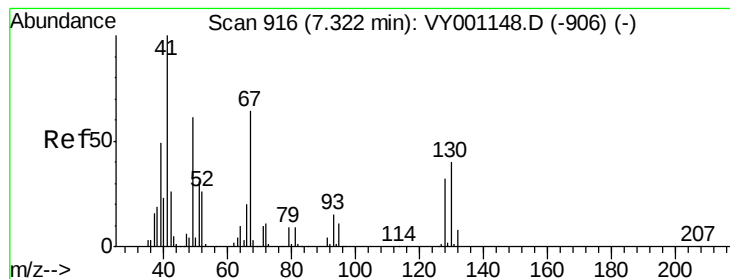
#40
Benzene
Concen: 58.277 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 78 Resp: 416263
Ion Ratio Lower Upper
78 100
77 23.8 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: 140.760 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.03 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tgt Ion: 41 Resp: 94953

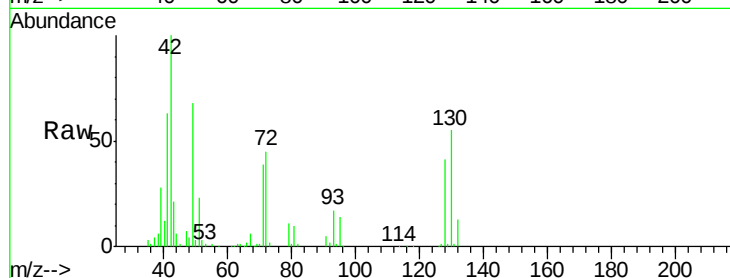
Ion Ratio Lower Upper

41 100

39 0.0 103.5 155.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

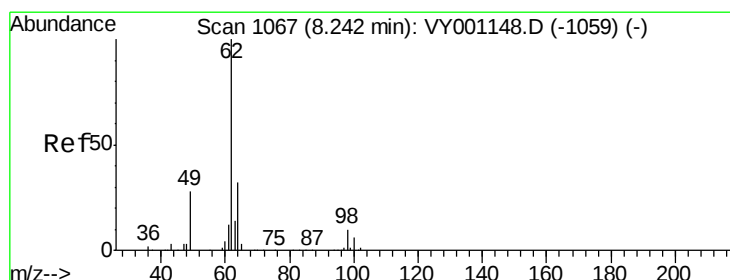
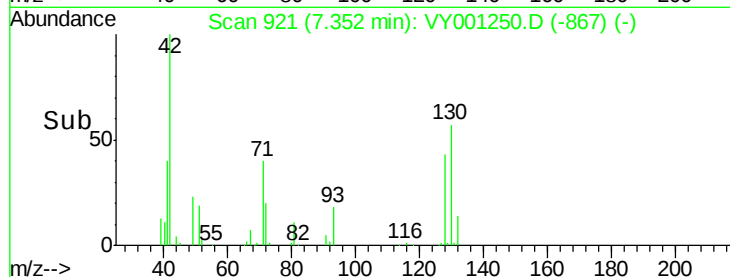
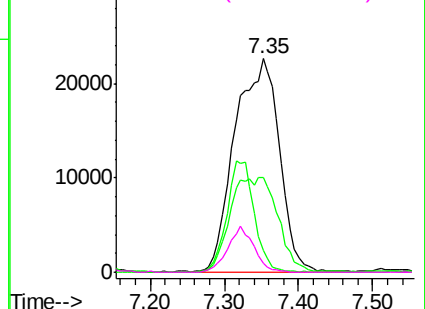


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 55.096 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VY001250.D

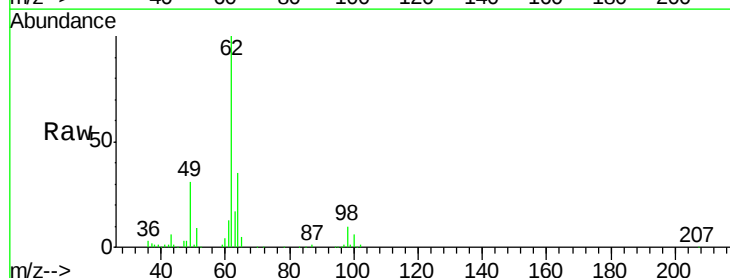
Acq: 16 Jan 2020 04:08

Tgt Ion: 62 Resp: 110195

Ion Ratio Lower Upper

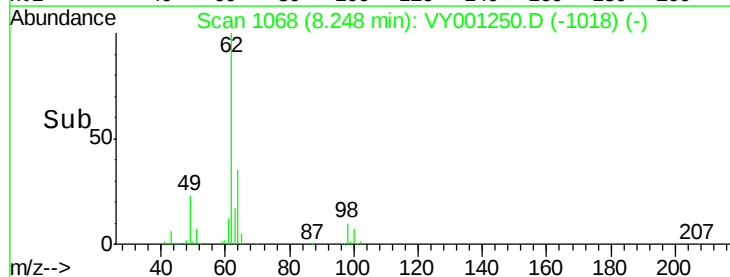
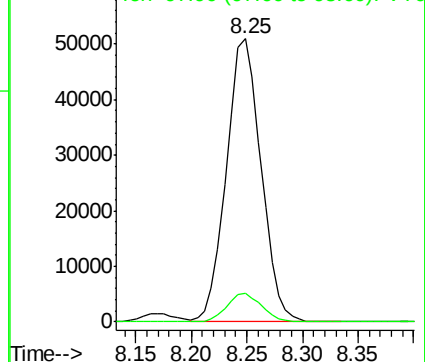
62 100

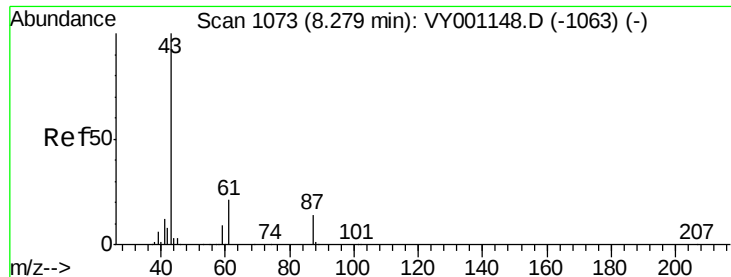
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 50.935 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

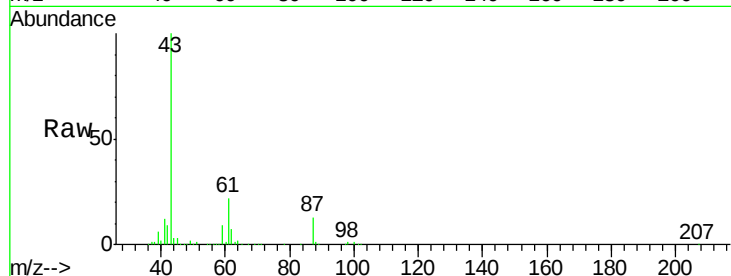
Tgt Ion: 43 Resp: 139869

Ion Ratio Lower Upper

43 100

61 30.5 23.9 35.9

87 13.5 11.4 17.2

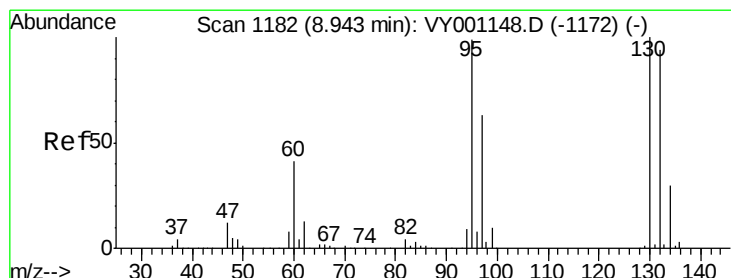
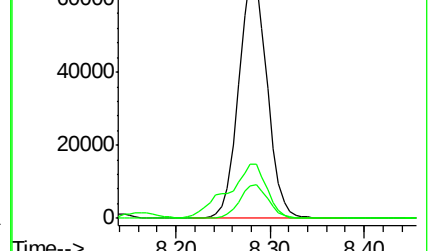
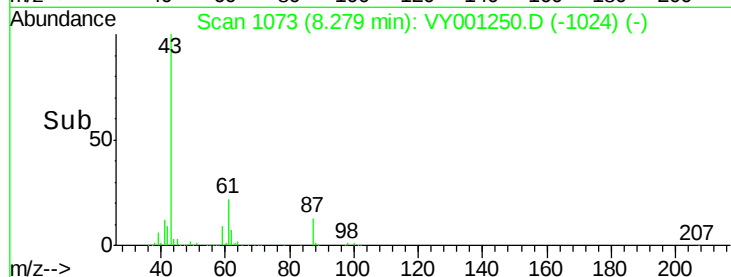


Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY001148.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY001148.D (-1063) (-)

Time-->



#44

Trichloroethene

Concen: 72.165 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001250.D

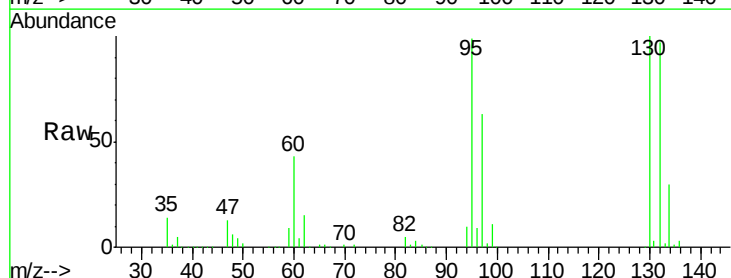
Acq: 16 Jan 2020 04:08

Tgt Ion: 130 Resp: 134315

Ion Ratio Lower Upper

130 100

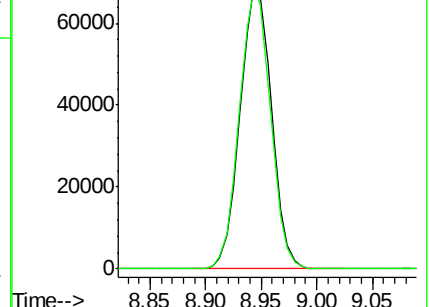
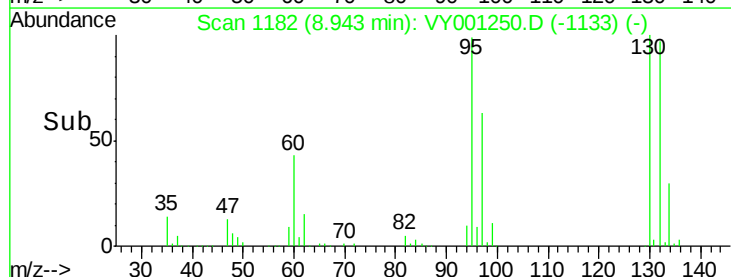
95 99.1 0.0 197.6

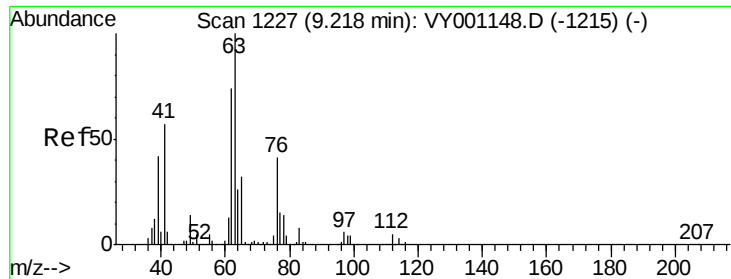


Abundance Ion 129.80 (129.50 to 130.50): VY001148.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001148.D (-1172) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 56.083 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

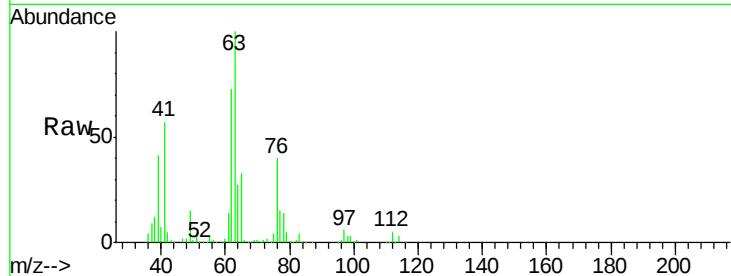
WP022SB457_200113_28-30MSD

Tgt Ion: 63 Resp: 99034

Ion Ratio Lower Upper

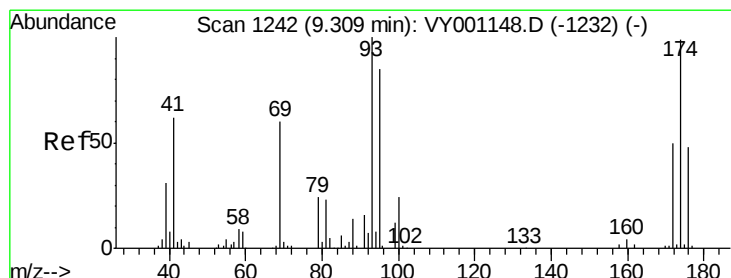
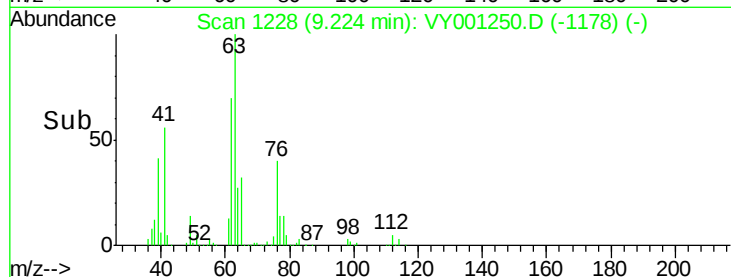
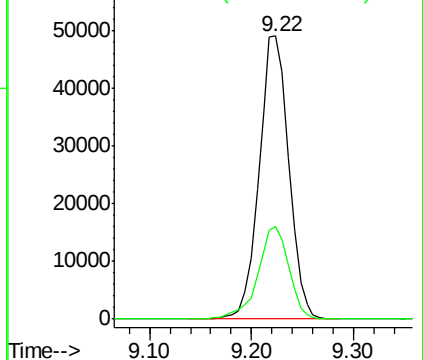
63 100

65 32.9 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: 52.346 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

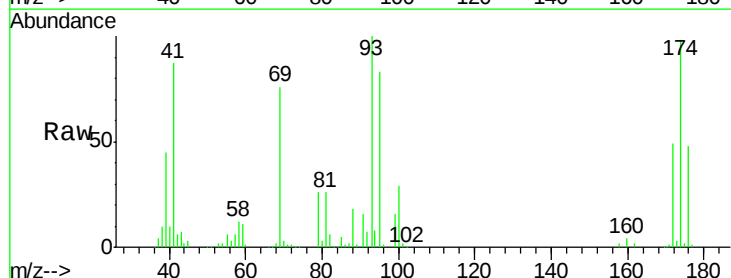
Tgt Ion: 93 Resp: 50434

Ion Ratio Lower Upper

93 100

95 82.4 66.8 100.2

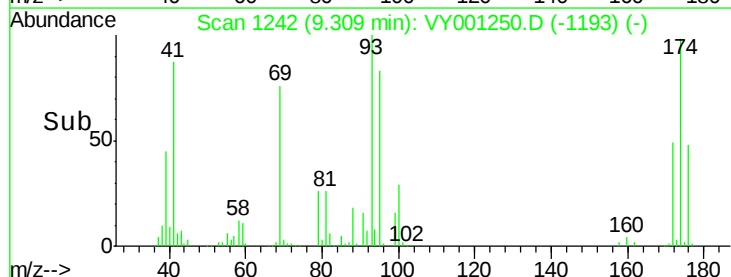
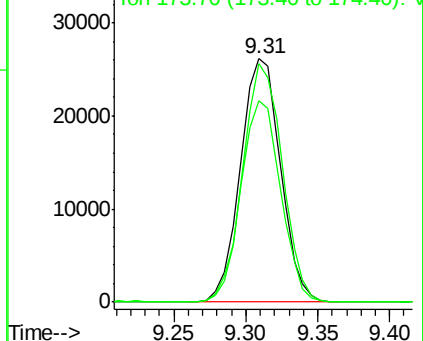
174 96.2 78.4 117.6

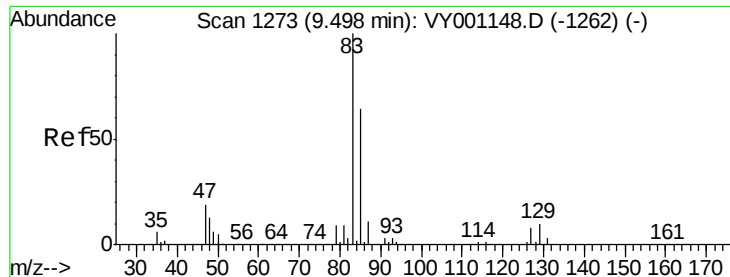


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.170 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

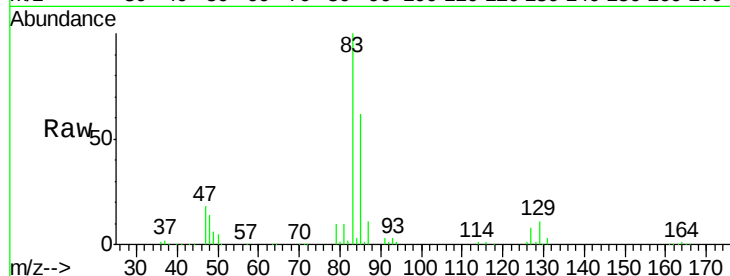
Tgt Ion: 83 Resp: 124847

Ion Ratio Lower Upper

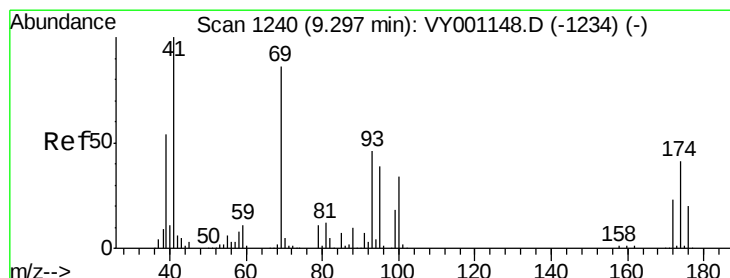
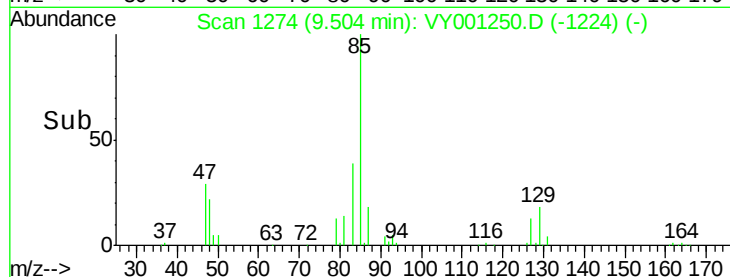
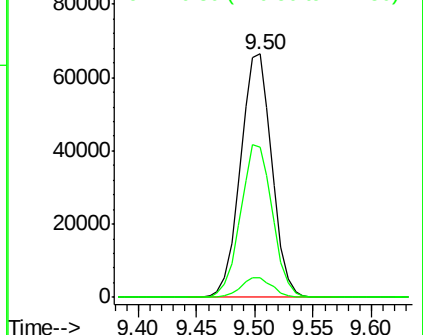
83 100

85 61.7 51.5 77.3

127 8.1 6.3 9.5



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



#48

Methyl methacrylate

Concen: 50.986 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

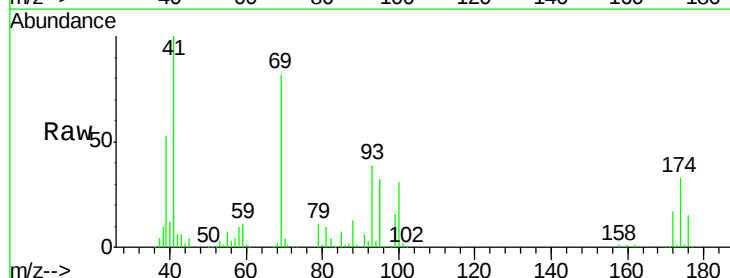
Tgt Ion: 41 Resp: 64790

Ion Ratio Lower Upper

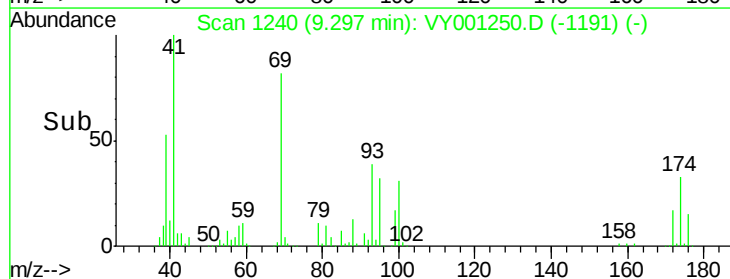
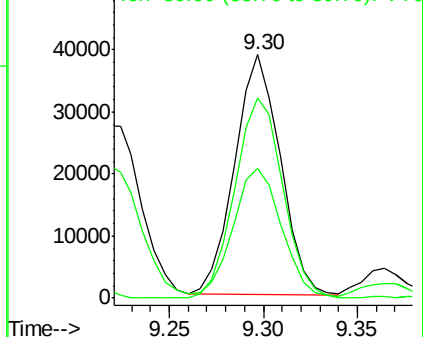
41 100

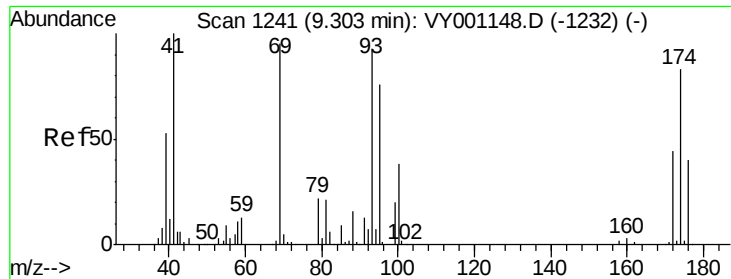
69 87.5 69.8 104.8

39 57.6 45.2 67.8



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

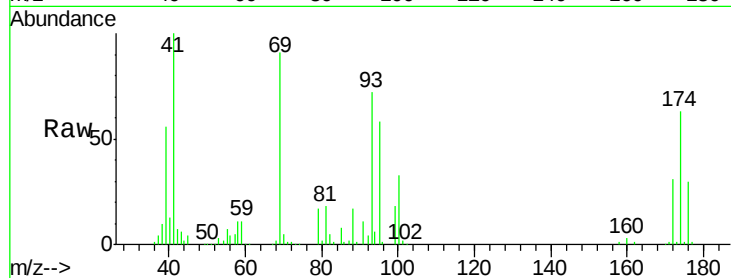




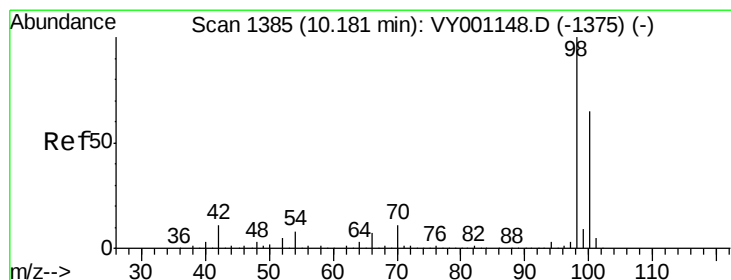
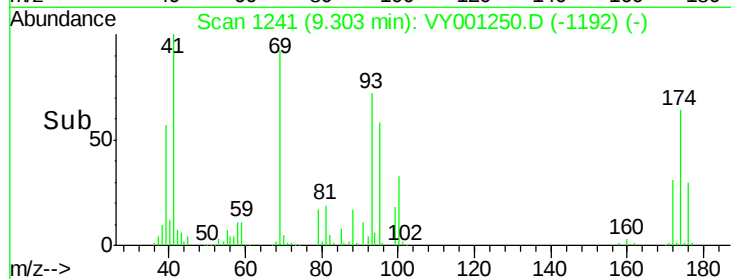
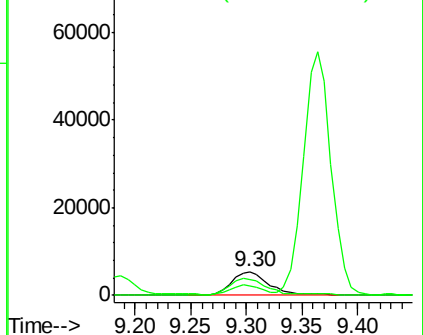
#49
 1,4-Dioxane
 Concen: 1086.807 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tgt Ion: 88 Resp: 12752
 Ion Ratio Lower Upper
 88 100
 43 32.3 22.4 33.6
 58 77.5 58.0 87.0

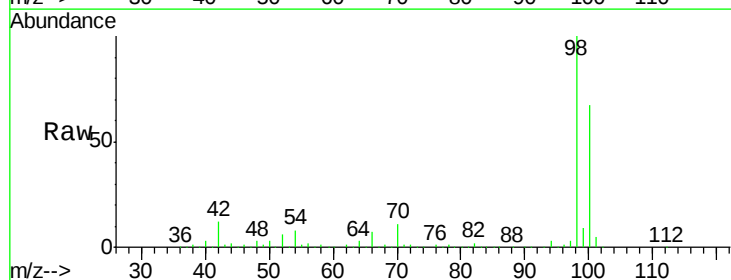


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

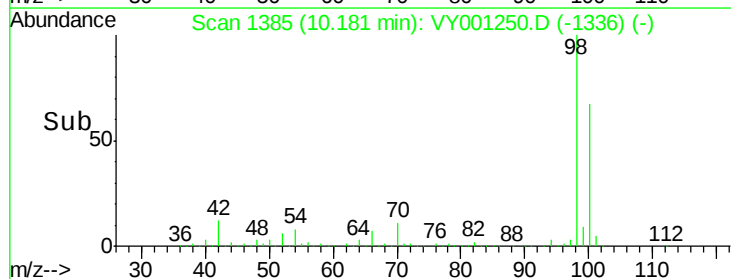
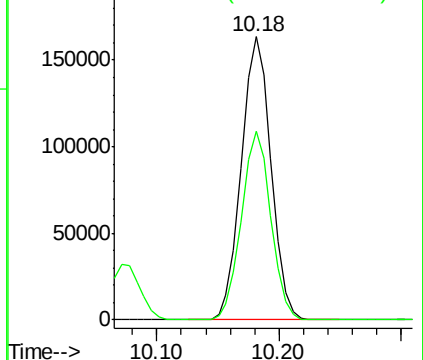


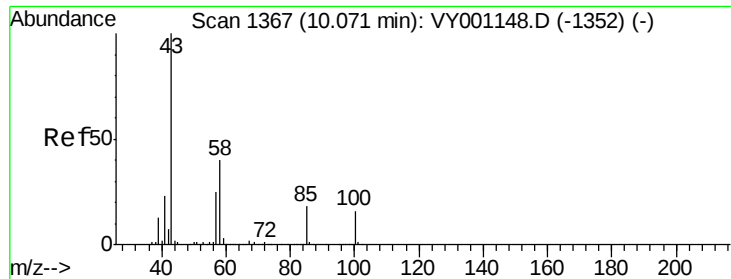
#50
 Toluene-d8
 Concen: 45.425 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion: 98 Resp: 275127
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.1 79.7



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

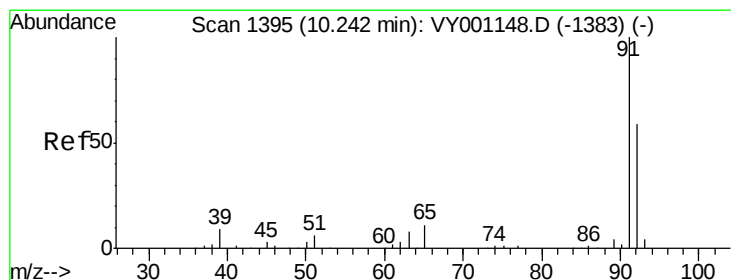
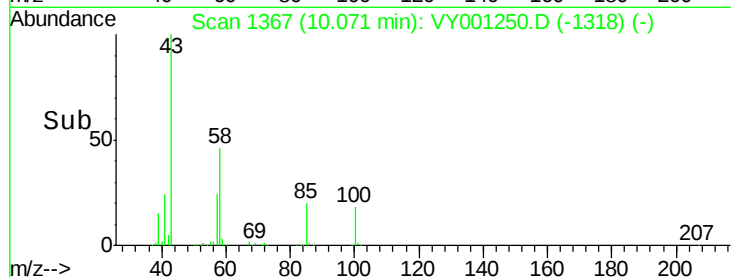
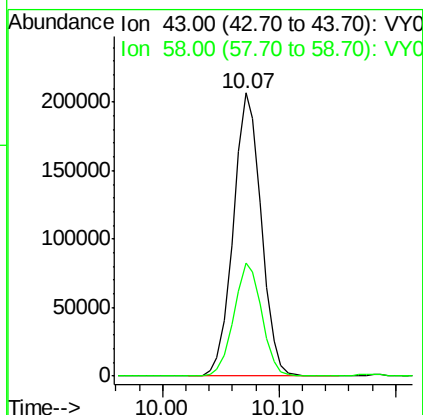
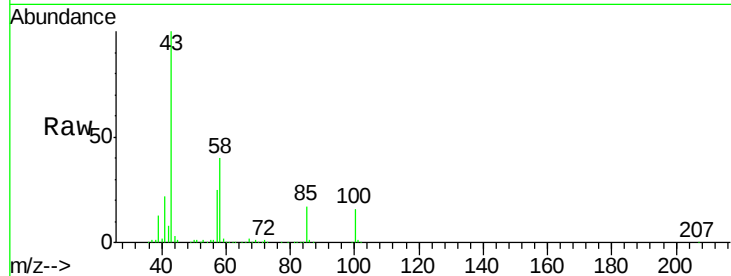




#51
 4-Methyl-2-Pentanone
 Concen: 246.780 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

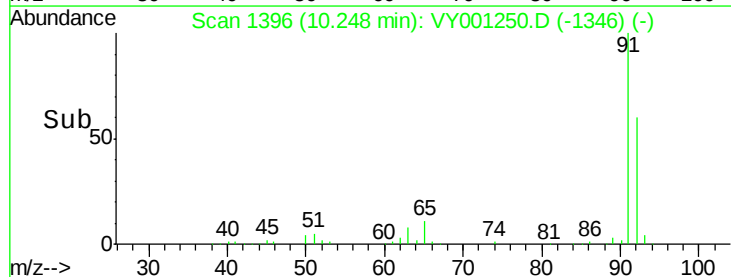
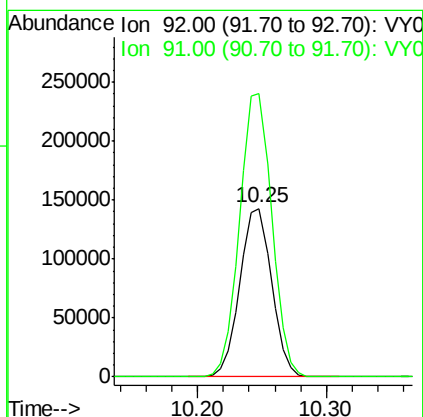
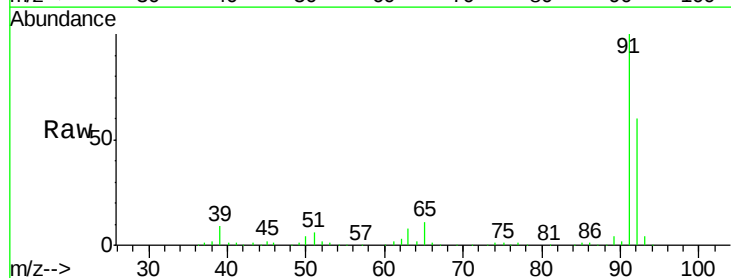
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

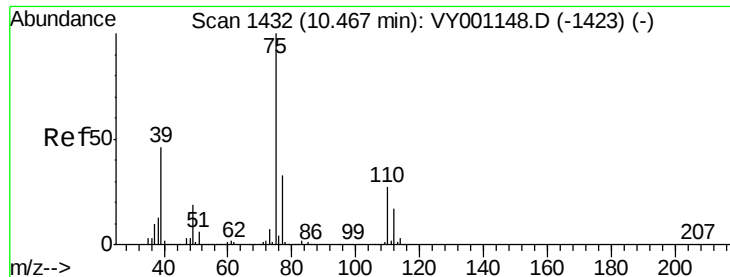
Tgt Ion: 43 Resp: 343854
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.3 48.5



#52
 Toluene
 Concen: 53.595 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion: 92 Resp: 244163
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 45.545 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

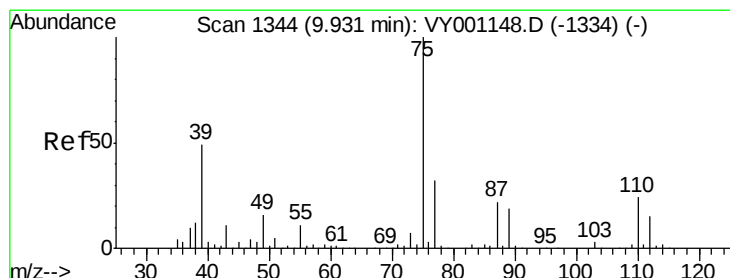
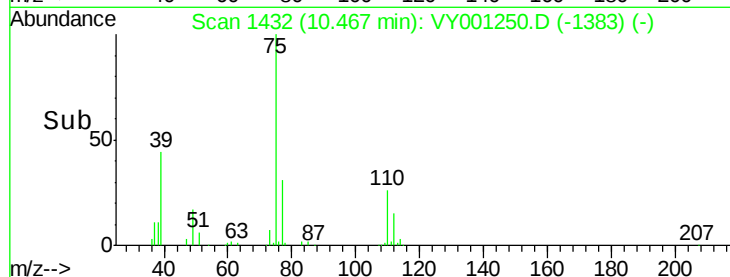
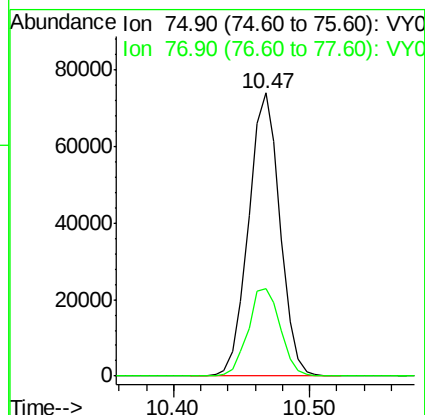
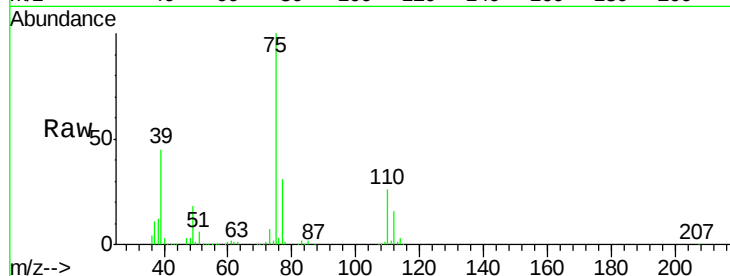
WP022SB457_200113_28-30MSD

Tgt Ion: 75 Resp: 119670

Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 49.124 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

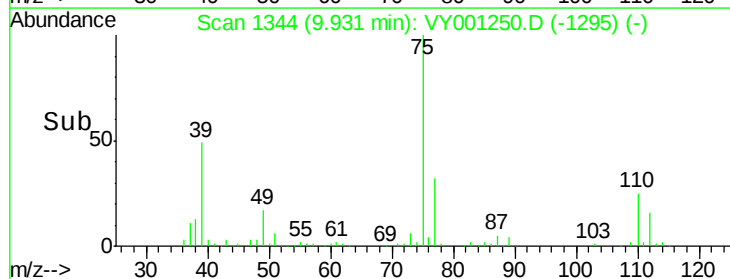
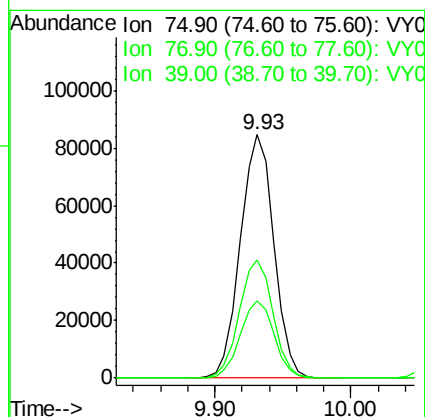
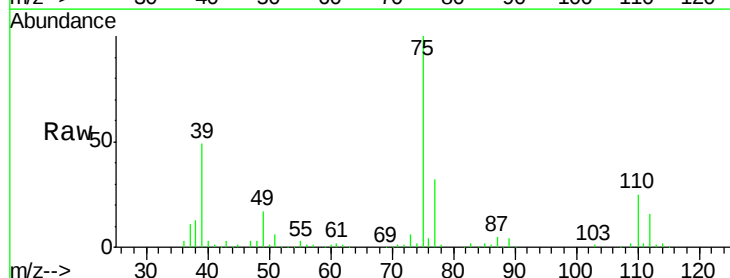
Tgt Ion: 75 Resp: 145527

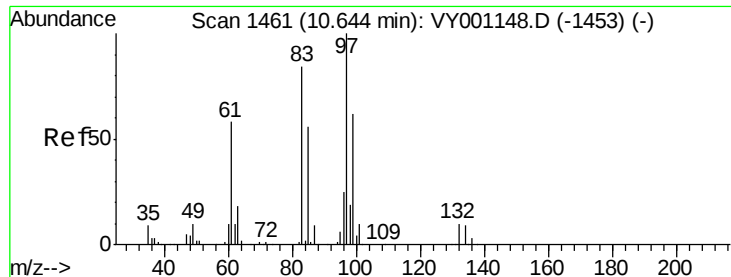
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 48.6 39.1 58.7

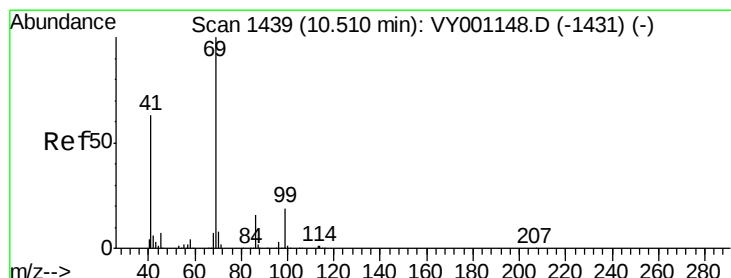
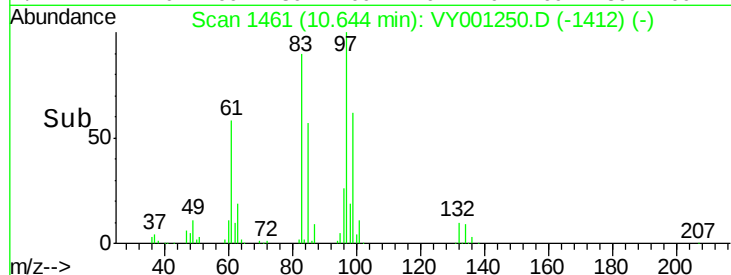
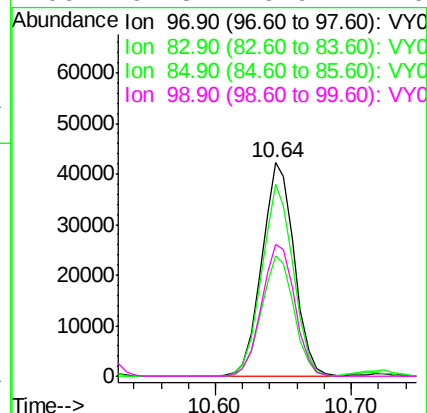
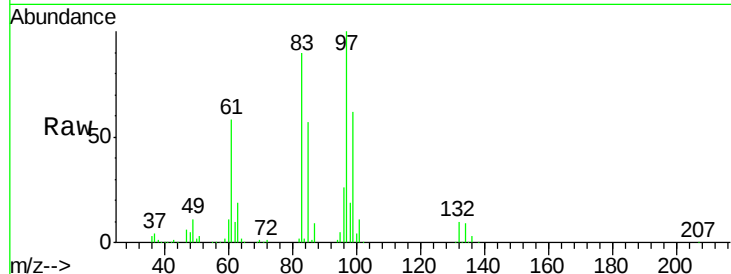




#55
 1,1,2-Trichloroethane
 Concen: 49.442 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

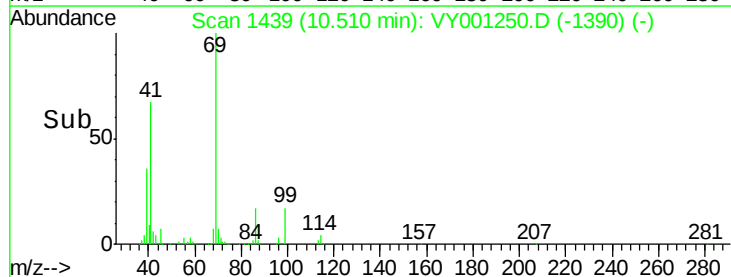
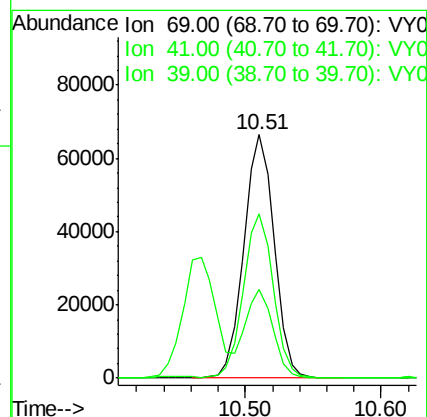
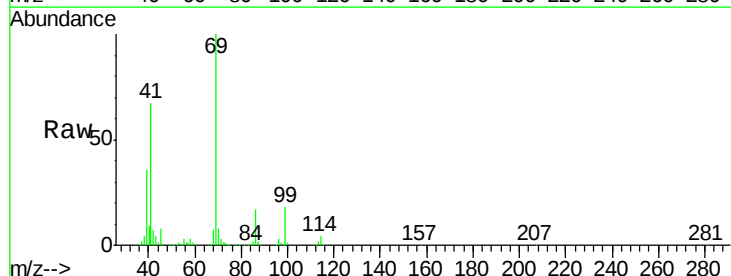
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tgt Ion: 97 Resp: 70621
 Ion Ratio Lower Upper
 97 100
 83 89.8 67.2 100.8
 85 56.5 44.9 67.3
 99 61.8 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 47.358 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion: 69 Resp: 103473
 Ion Ratio Lower Upper
 69 100
 41 65.8 51.4 77.2
 39 32.6 26.3 39.5





#57

1,3-Dichloropropane

Concen: 49.968 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

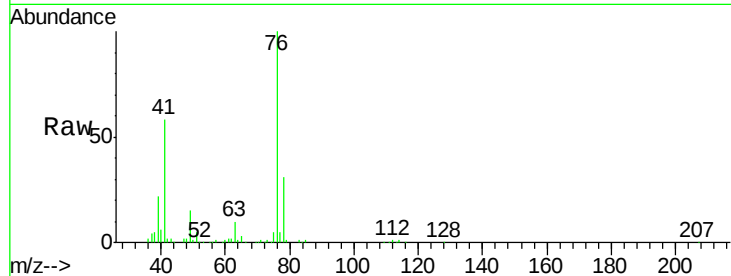
WP022SB457_200113_28-30MSD

Tgt Ion: 76 Resp: 122527

Ion Ratio Lower Upper

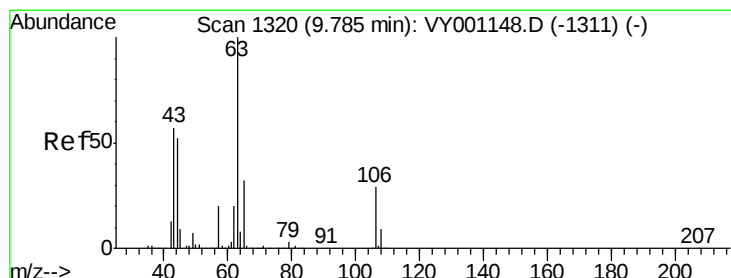
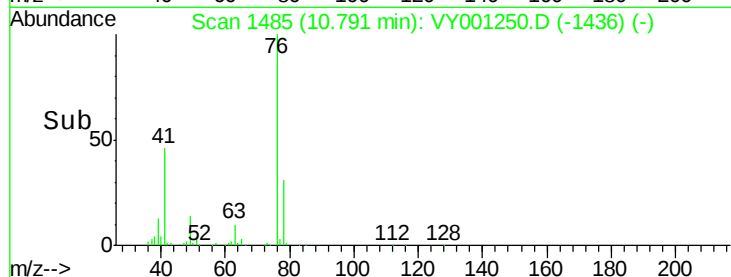
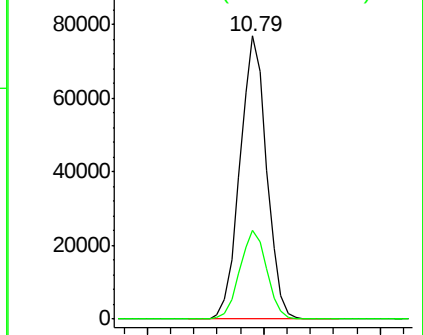
76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 201.753 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001250.D

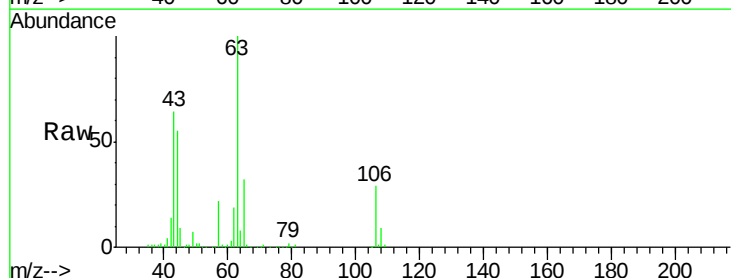
Acq: 16 Jan 2020 04:08

Tgt Ion: 63 Resp: 155039

Ion Ratio Lower Upper

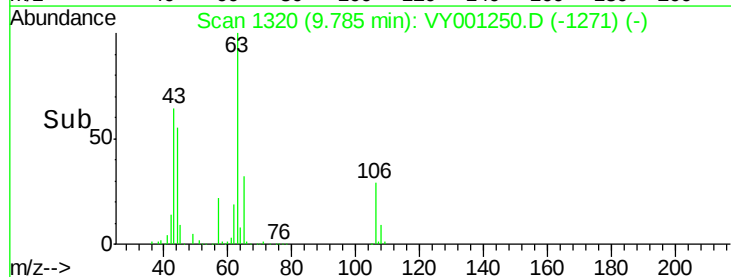
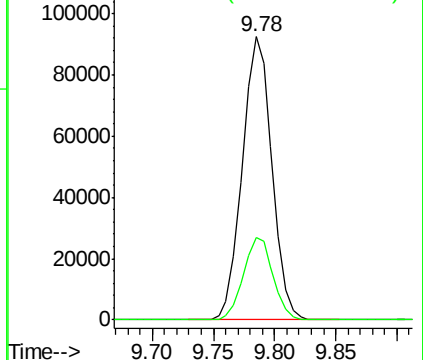
63 100

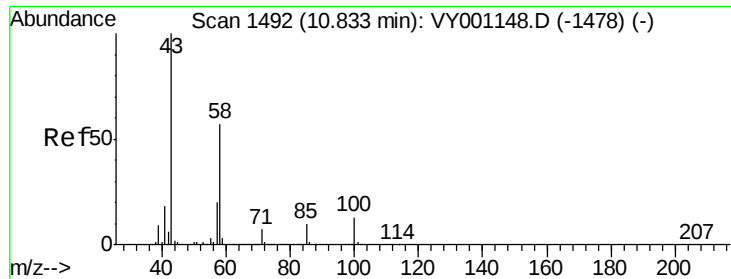
106 29.2 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

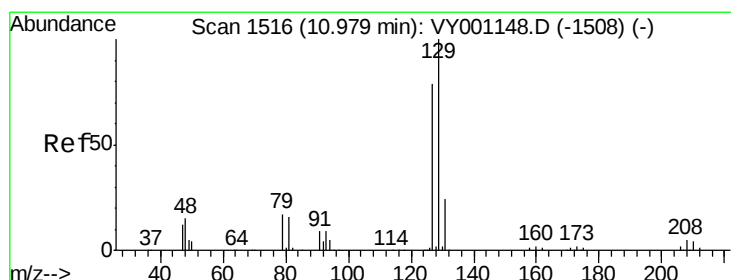
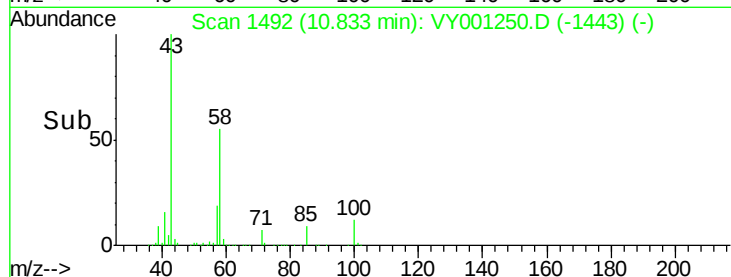
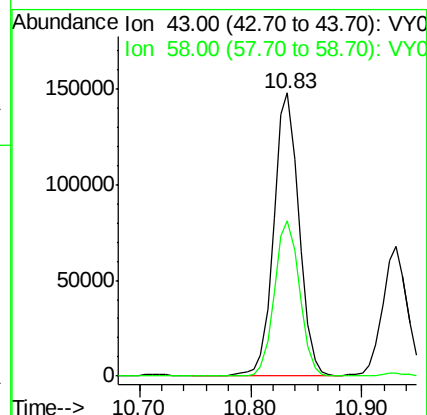
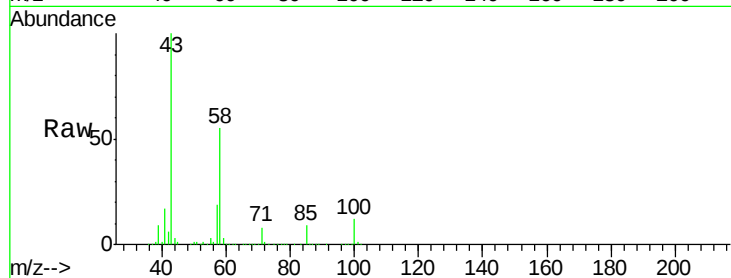




#59
2-Hexanone
Concen: 238.968 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

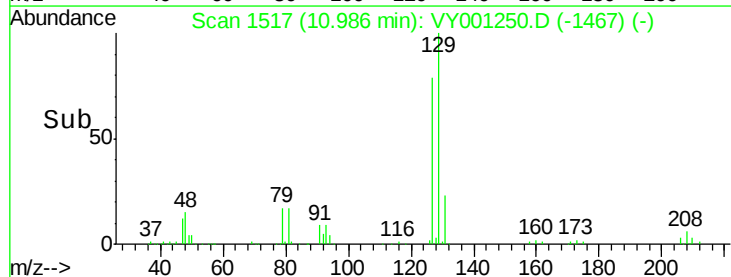
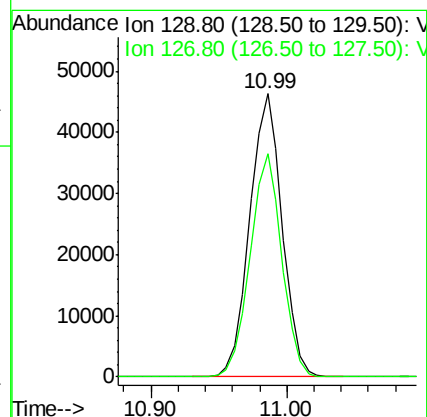
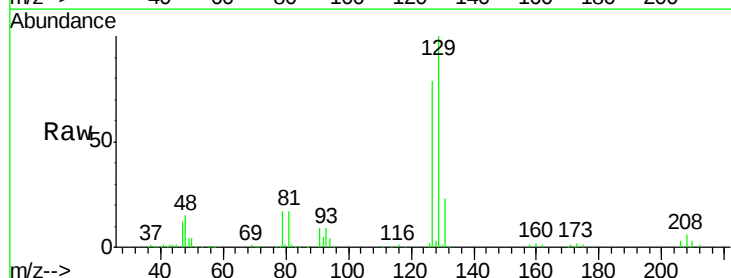
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tgt Ion: 43 Resp: 233356
Ion Ratio Lower Upper
43 100
58 54.6 28.4 85.2



#60
Dibromochloromethane
Concen: 46.874 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 129 Resp: 77087
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7

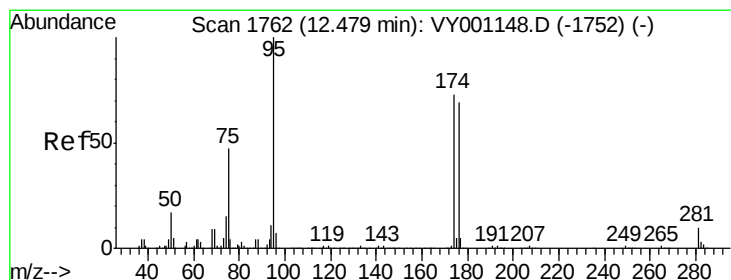
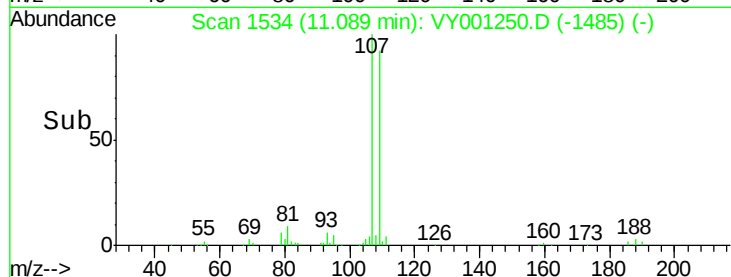
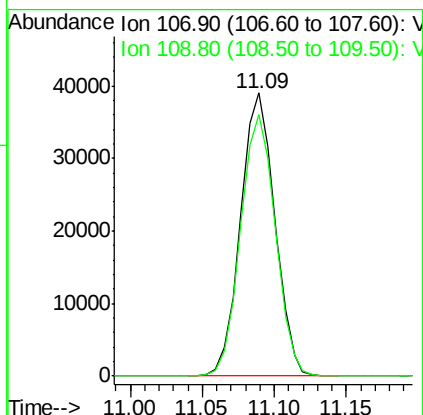
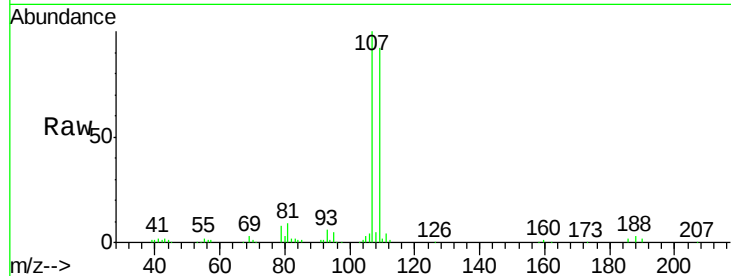




#61
 1,2-Dibromoethane
 Concen: 46.060 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

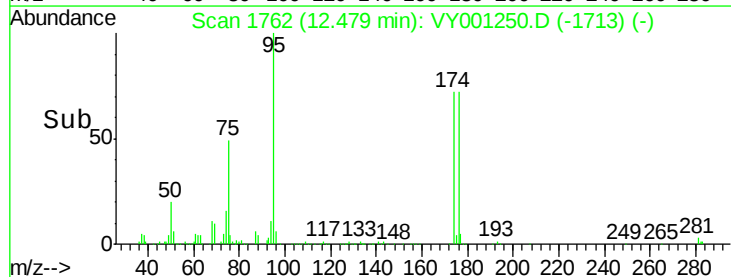
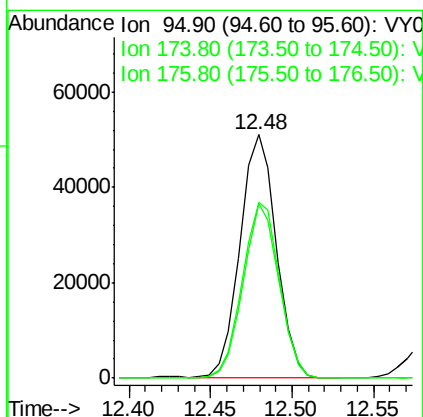
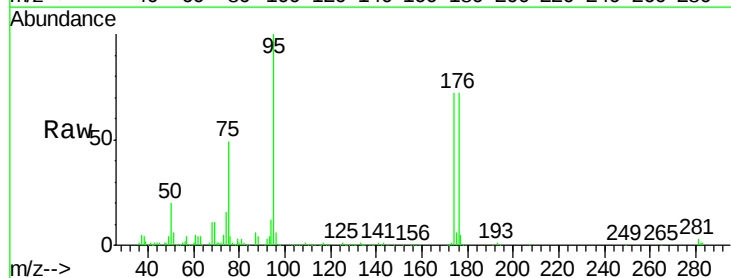
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

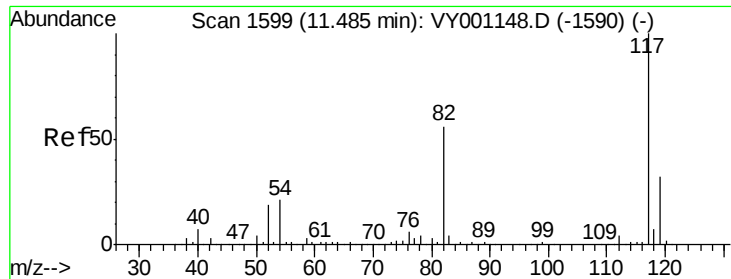
Tgt Ion: 107 Resp: 64240
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 32.021 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion: 95 Resp: 79290
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 143.2
 176 70.7 0.0 136.0

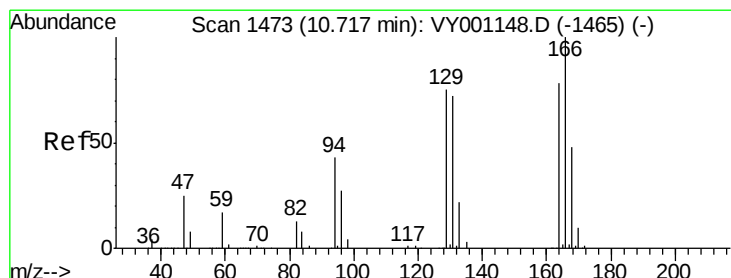
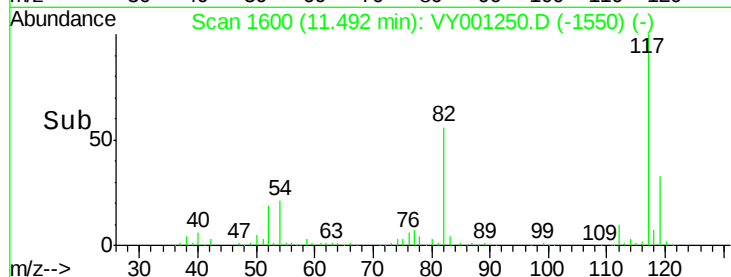
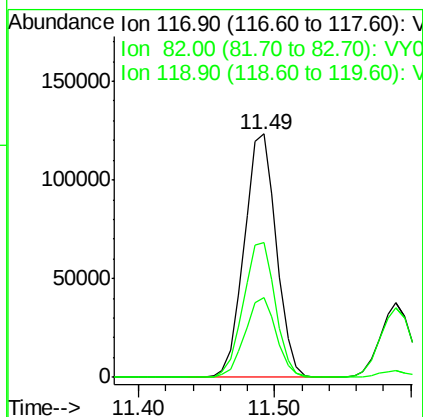
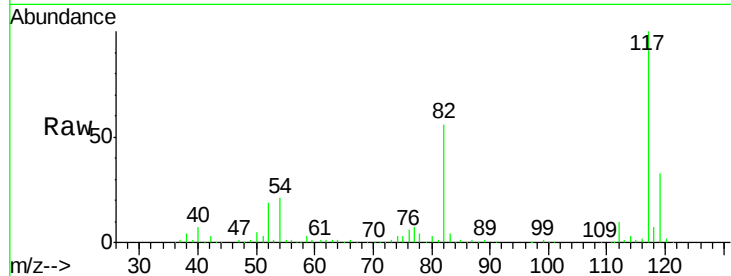




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

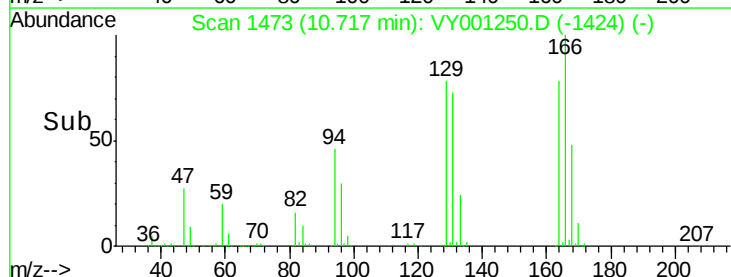
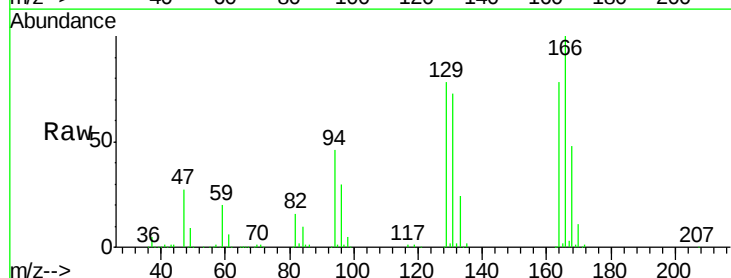
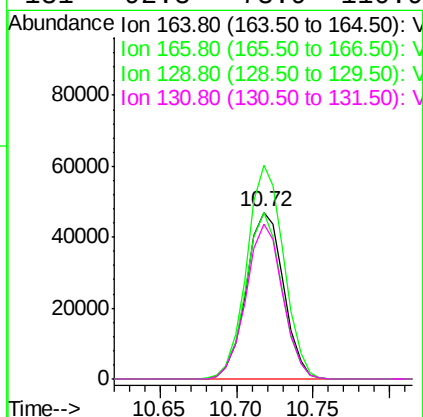
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

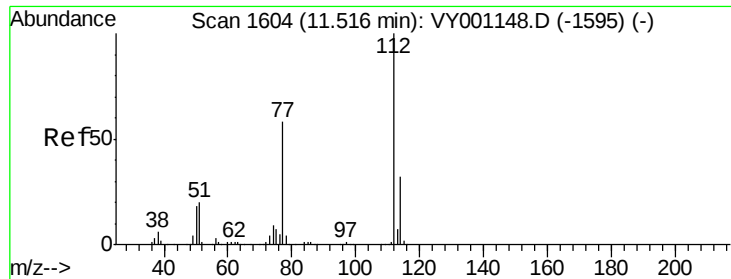
Tgt Ion:117 Resp: 202927
Ion Ratio Lower Upper
117 100
82 55.5 44.9 67.3
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 60.959 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion:164 Resp: 79742
Ion Ratio Lower Upper
164 100
166 128.0 102.3 153.5
129 99.9 76.2 114.4
131 92.8 73.9 110.9

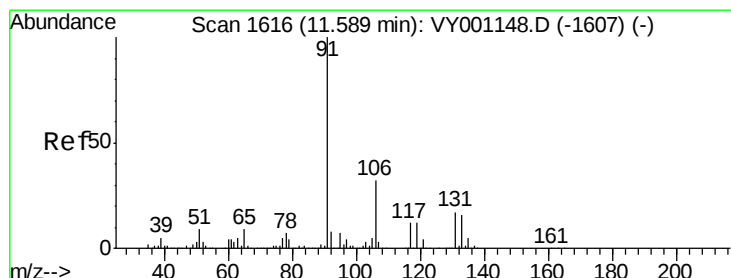
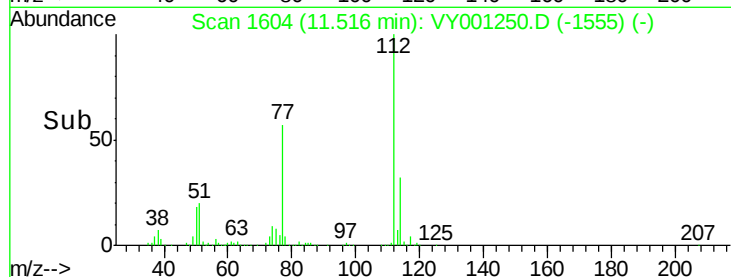
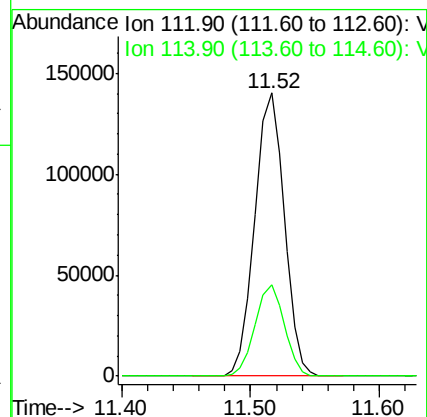
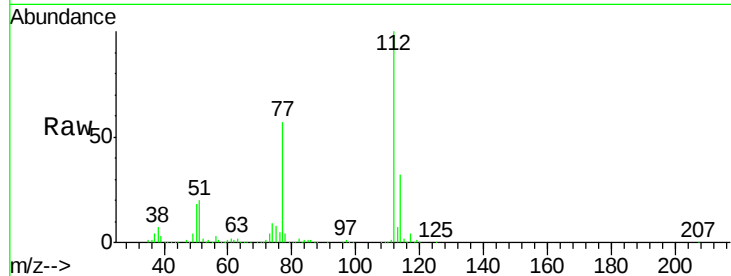




#65
Chlorobenzene
Concen: 54.656 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

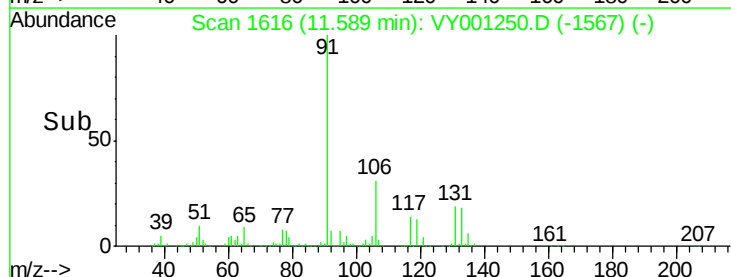
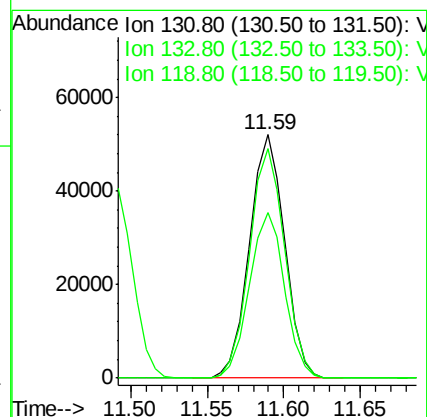
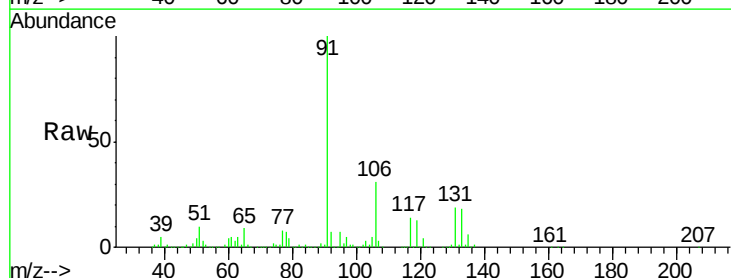
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

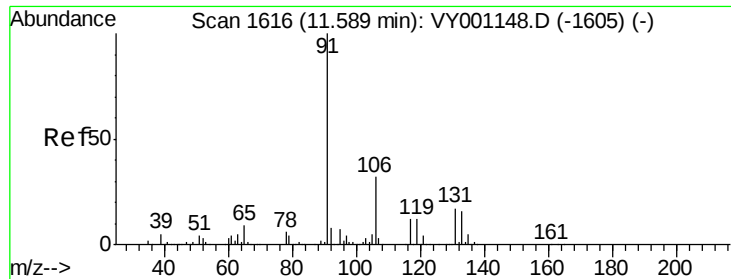
Tgt Ion:112 Resp: 221620
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 59.569 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion:131 Resp: 83249
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 68.2 33.6 100.8

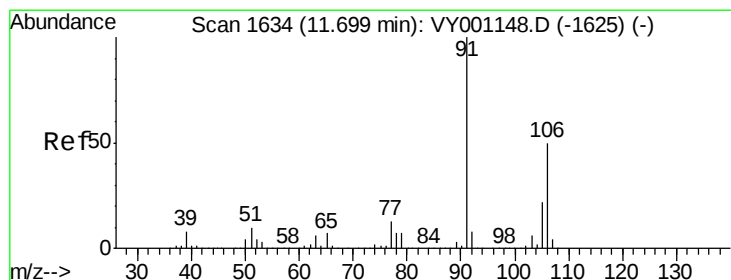
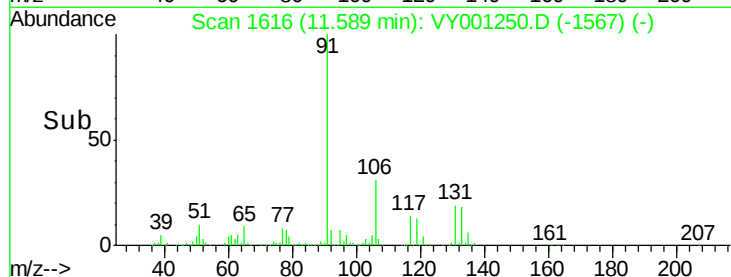
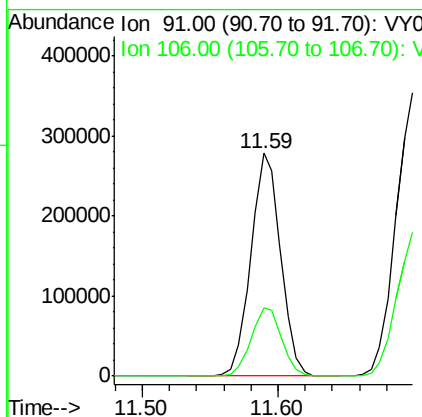
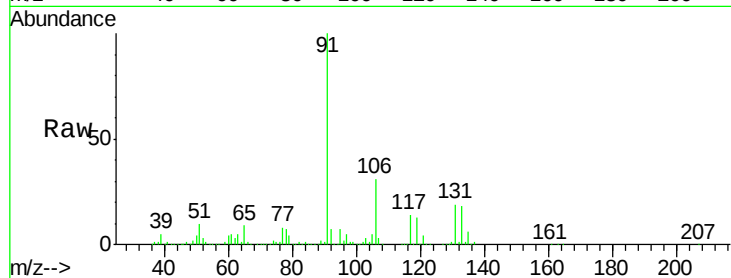




#67
Ethyl Benzene
Concen: 57.505 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

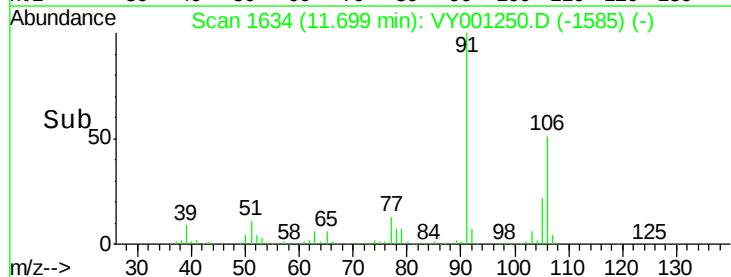
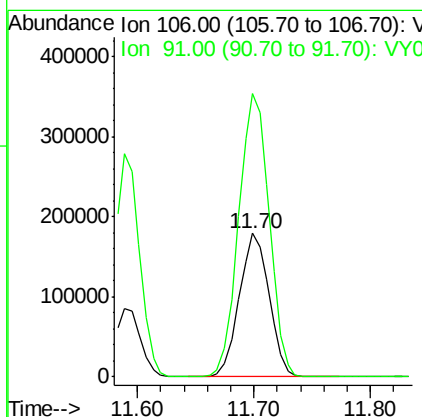
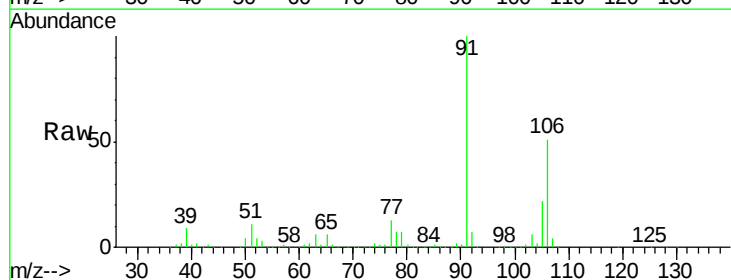
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

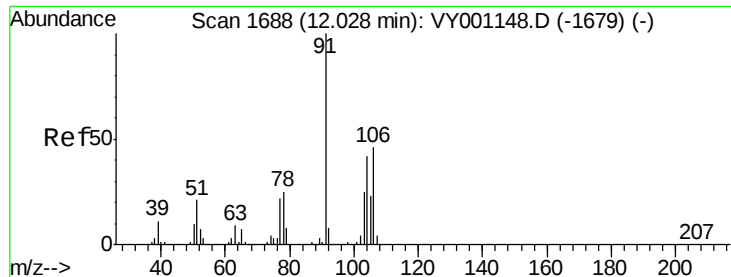
Tgt Ion: 91 Resp: 426547
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 114.364 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 106 Resp: 320003
Ion Ratio Lower Upper
106 100
91 202.0 161.4 242.2

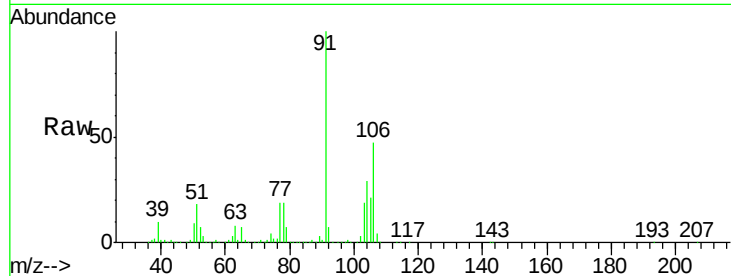




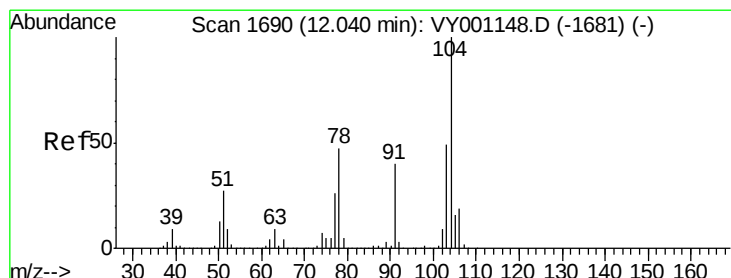
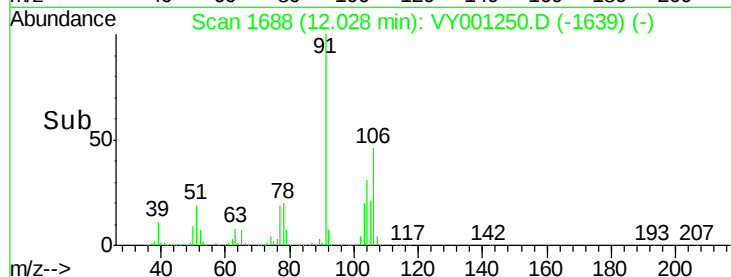
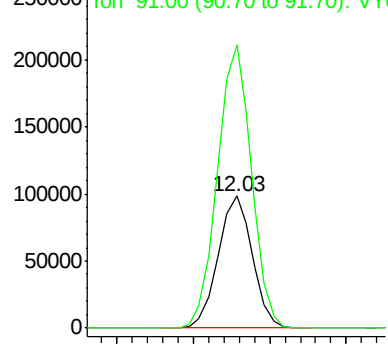
#69
o-Xylene
Concen: 56.909 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tgt Ion:106 Resp: 152674
Ion Ratio Lower Upper
106 100
91 213.1 106.3 318.8

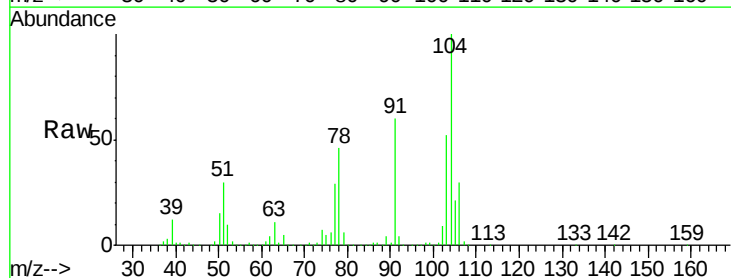


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

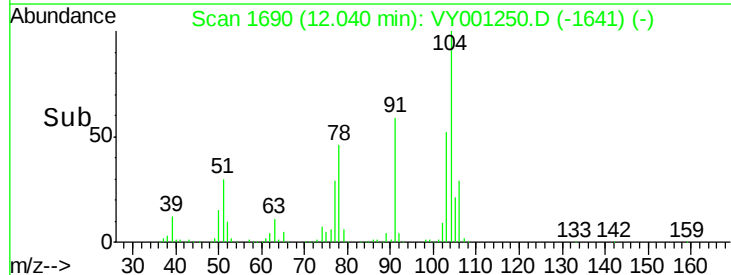
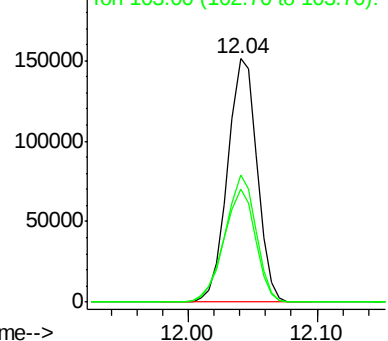


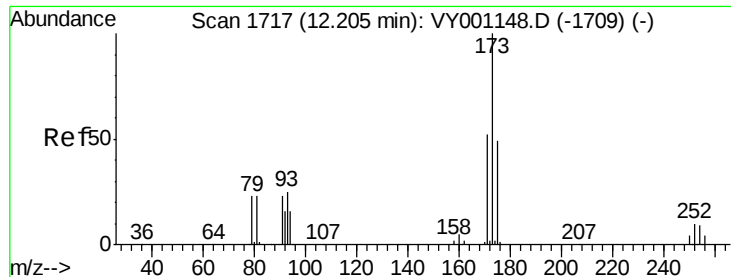
#70
Styrene
Concen: 50.719 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion:104 Resp: 238746
Ion Ratio Lower Upper
104 100
78 50.0 40.5 60.7
103 54.6 42.4 63.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 46.722 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

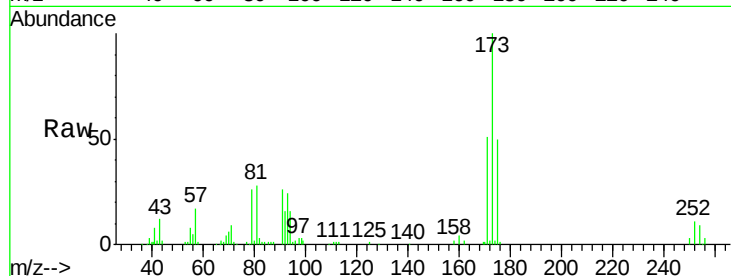
Tgt Ion:173 Resp: 40267

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.2

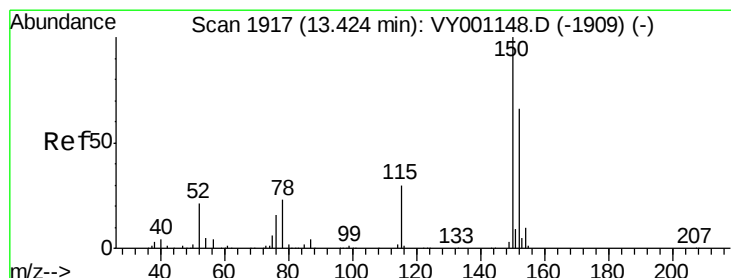
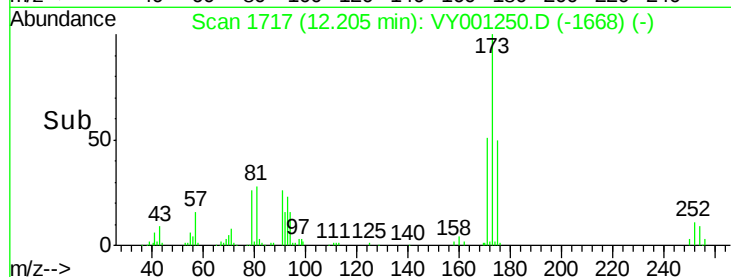
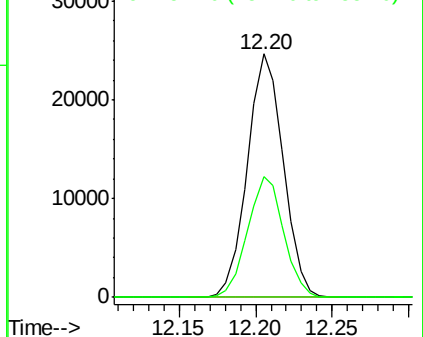
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

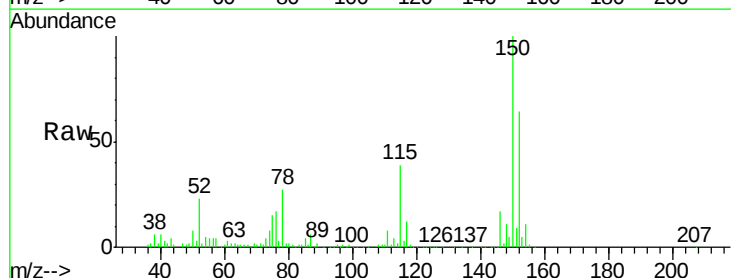
Tgt Ion:152 Resp: 71081

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.5

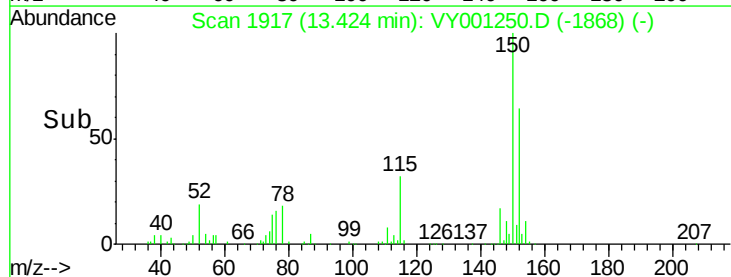
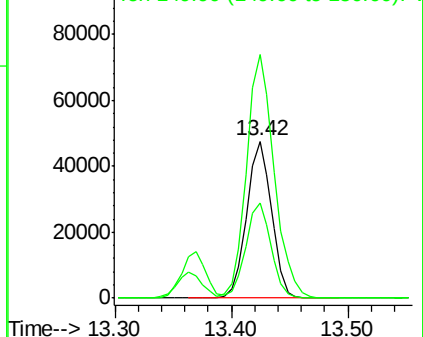
150 172.5 0.0 346.8



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: 73.473 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

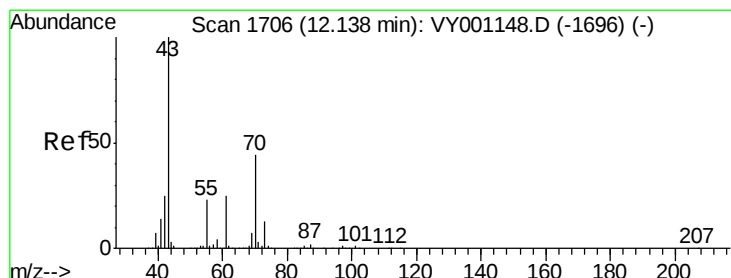
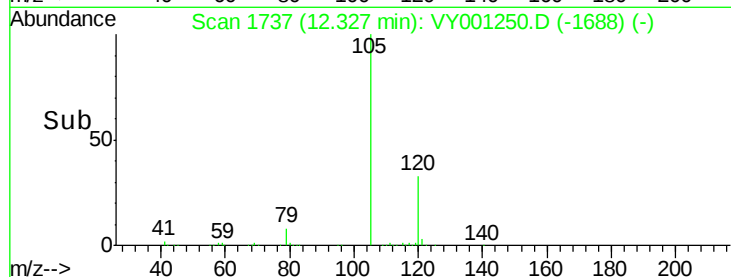
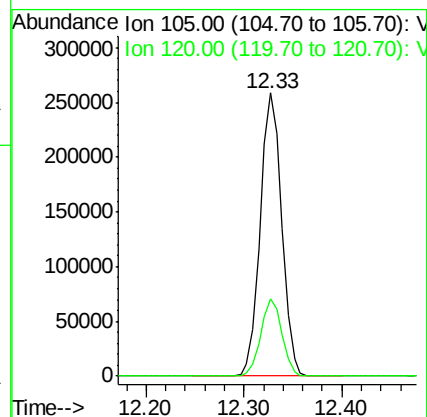
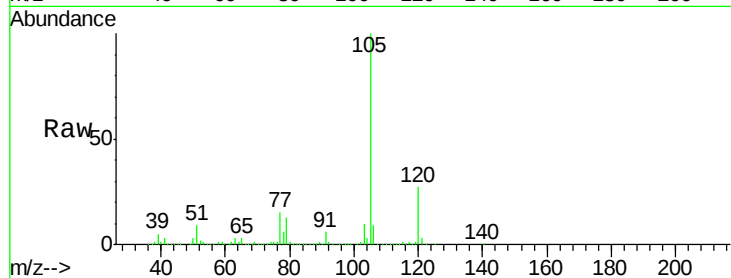
WP022SB457_200113_28-30MSD

Tgt Ion:105 Resp: 392614

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 64.144 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tgt Ion: 43 Resp: 106971

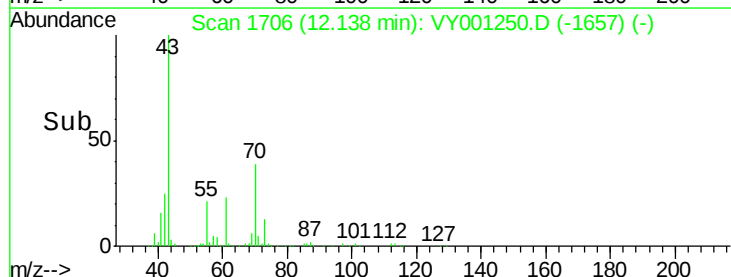
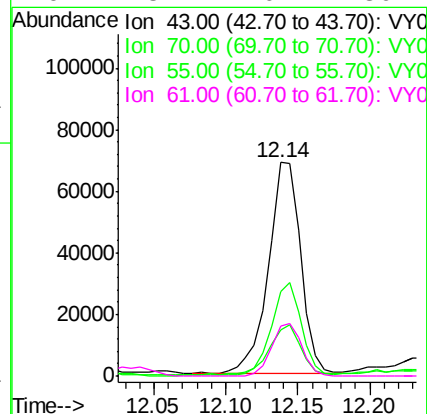
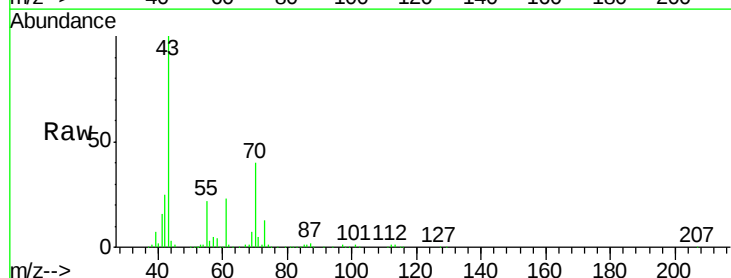
Ion Ratio Lower Upper

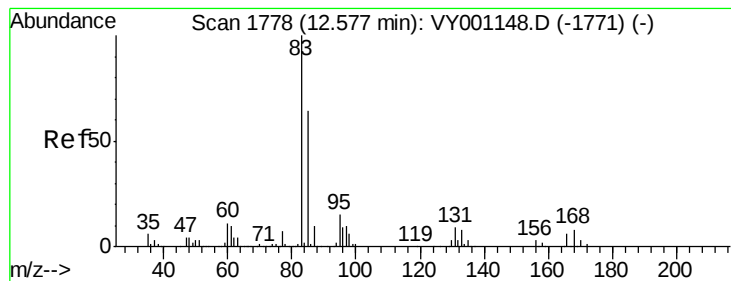
43 100

70 40.4 35.0 52.6

55 23.0 18.4 27.6

61 23.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 66.364 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

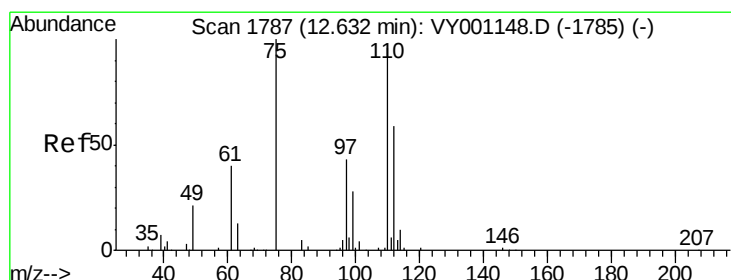
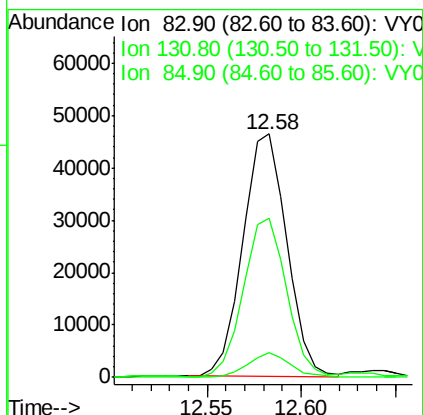
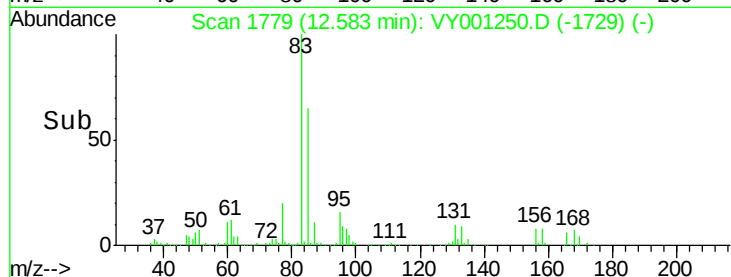
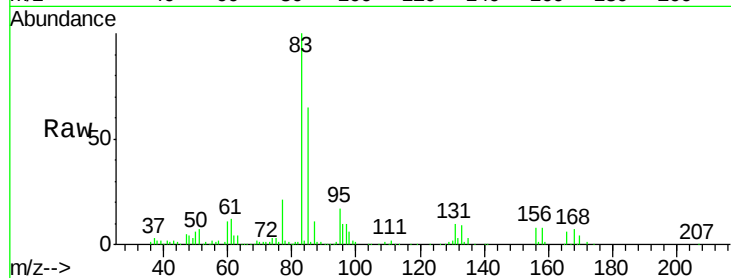
Tgt Ion: 83 Resp: 74611

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

85 64.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 118.700 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001250.D

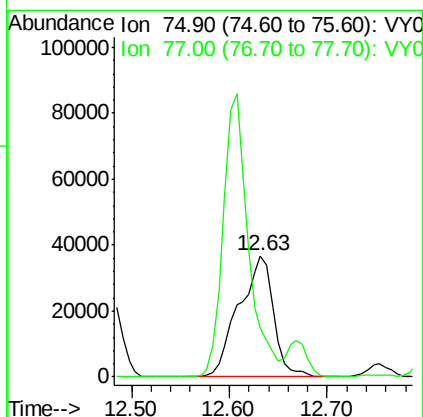
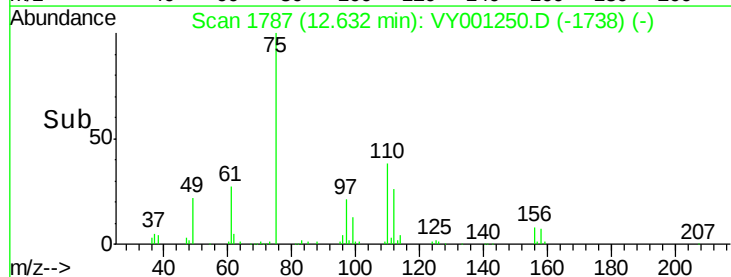
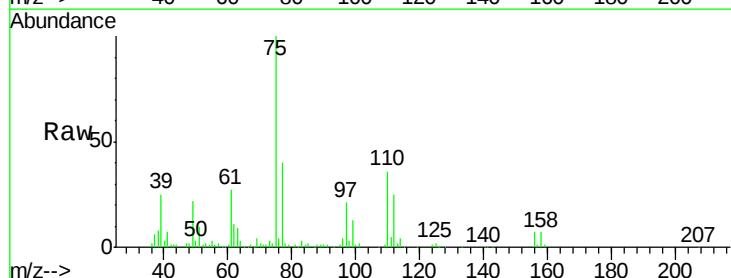
Acq: 16 Jan 2020 04:08

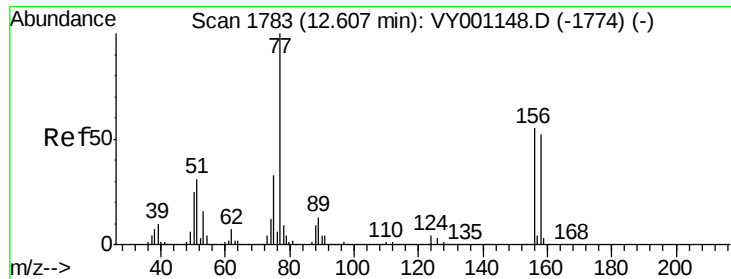
Tgt Ion: 75 Resp: 90322

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 64.394 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

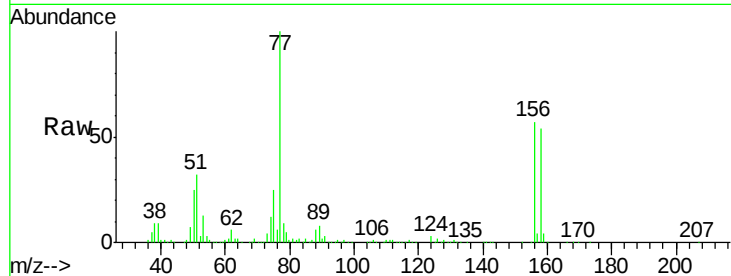
Tgt Ion:156 Resp: 76034

Ion Ratio Lower Upper

156 100

77 202.3 106.7 320.1

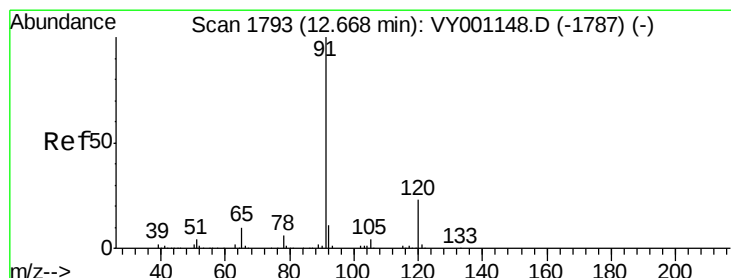
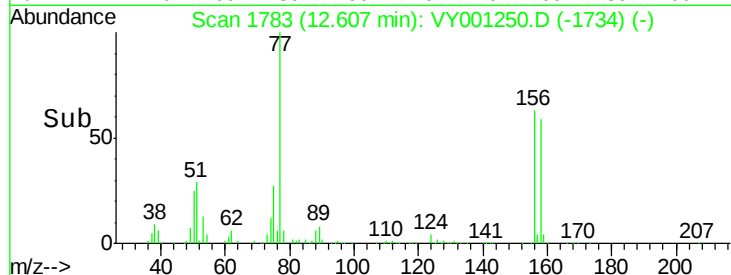
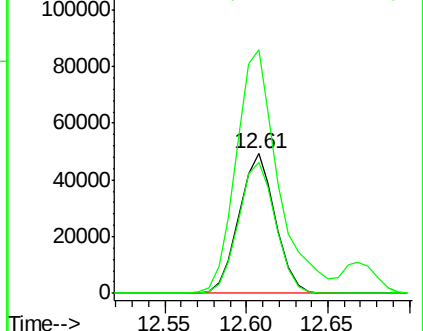
158 96.4 48.3 144.8



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: 66.653 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001250.D

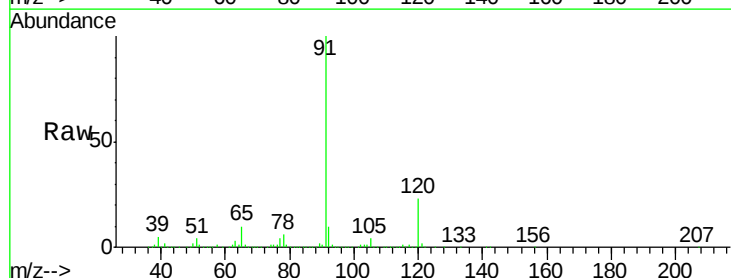
Acq: 16 Jan 2020 04:08

Tgt Ion: 91 Resp: 428419

Ion Ratio Lower Upper

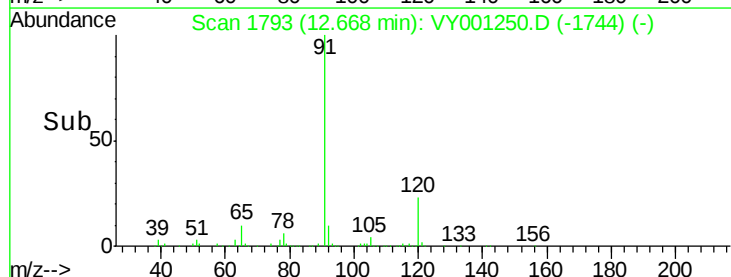
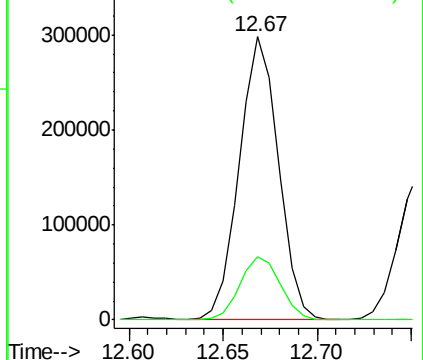
91 100

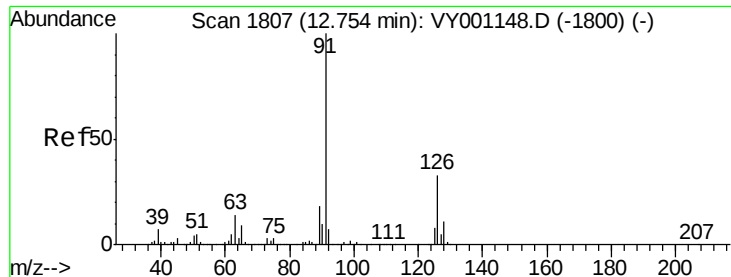
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 64.384 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

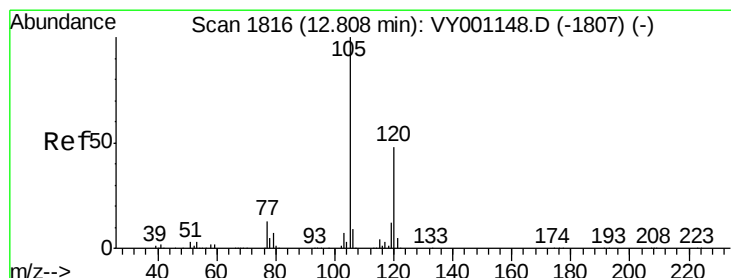
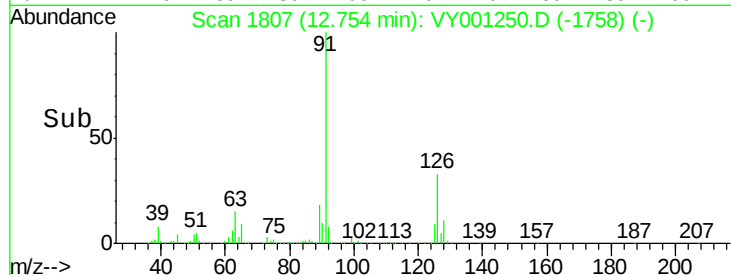
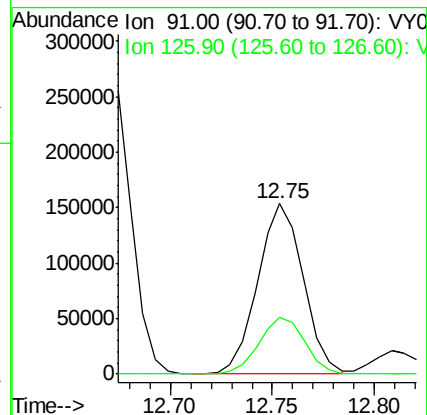
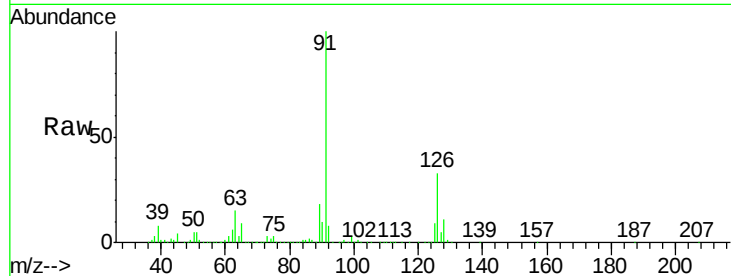
WP022SB457_200113_28-30MSD

Tgt Ion: 91 Resp: 237669

Ion Ratio Lower Upper

91 100

126 33.7 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 66.758 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001250.D

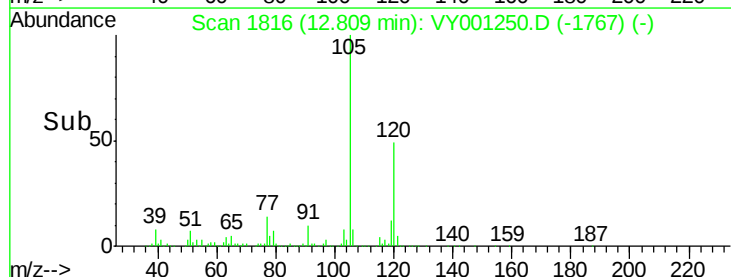
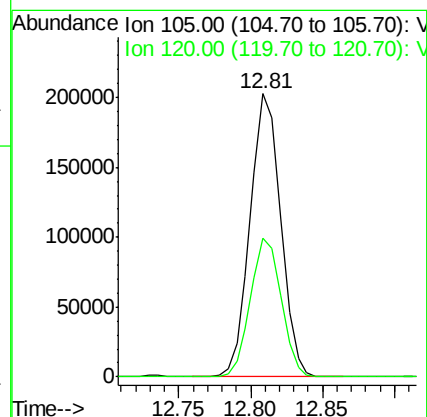
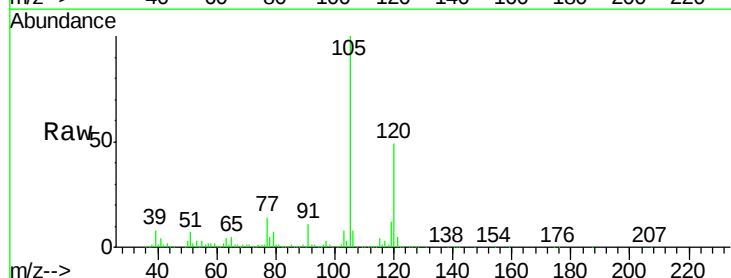
Acq: 16 Jan 2020 04:08

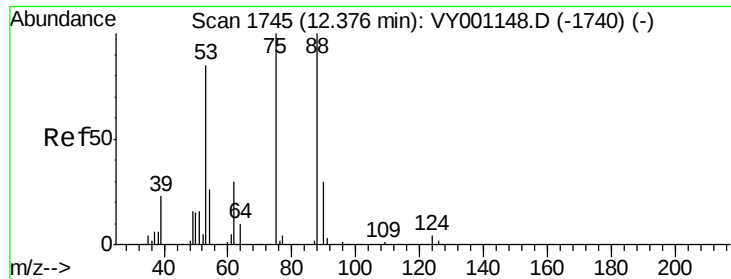
Tgt Ion: 105 Resp: 297651

Ion Ratio Lower Upper

105 100

120 49.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.896 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

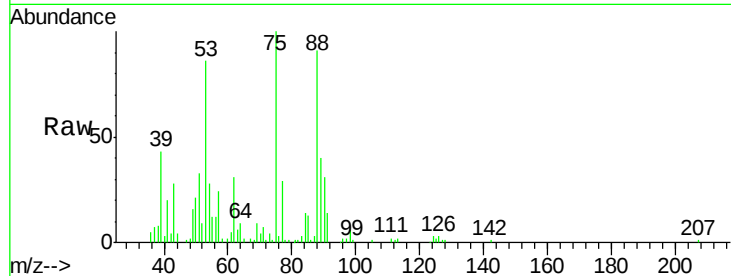
Tgt Ion: 75 Resp: 22838

Ion Ratio Lower Upper

75 100

53 81.9 69.4 104.2

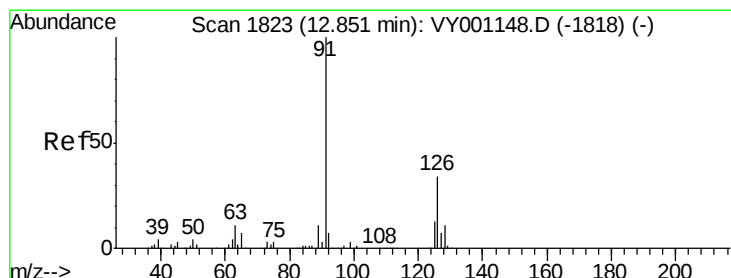
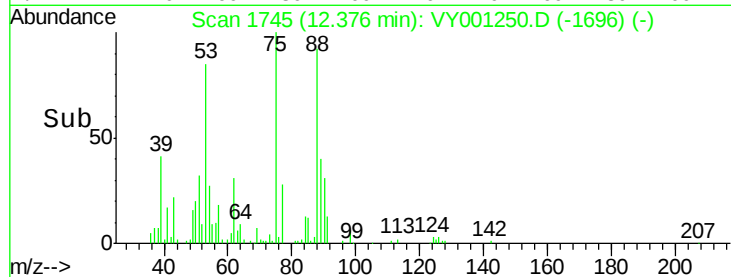
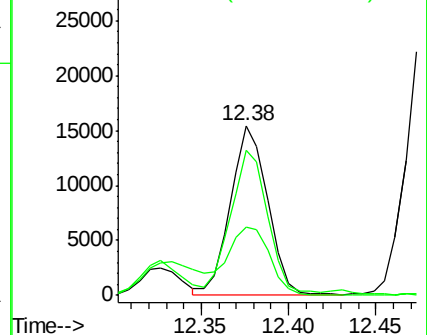
89 46.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 60.487 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001250.D

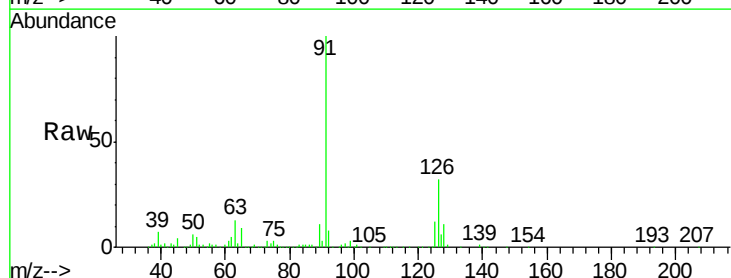
Acq: 16 Jan 2020 04:08

Tgt Ion: 91 Resp: 238368

Ion Ratio Lower Upper

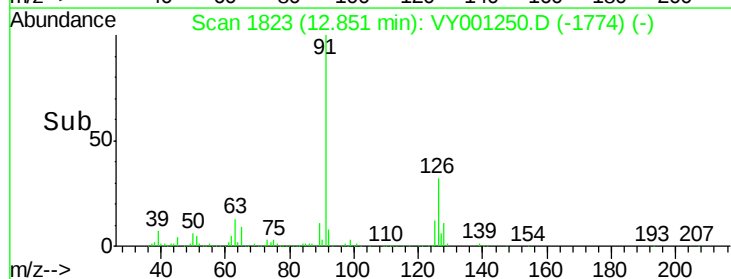
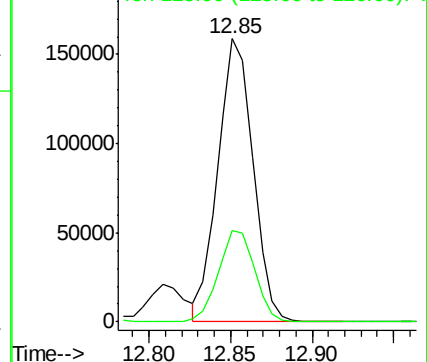
91 100

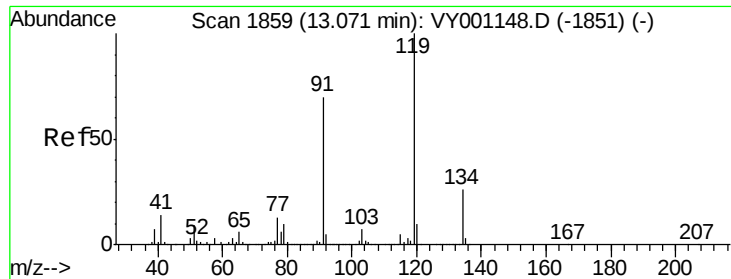
126 33.2 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

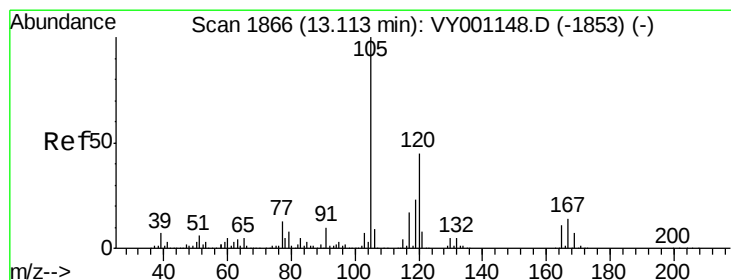
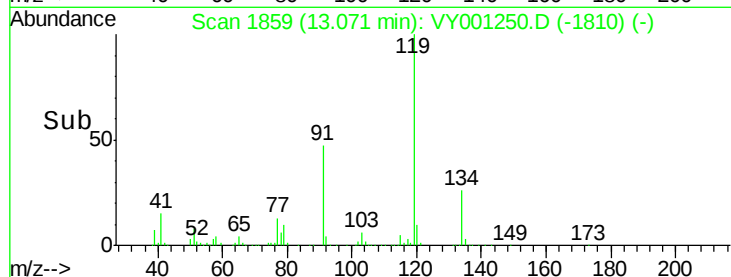
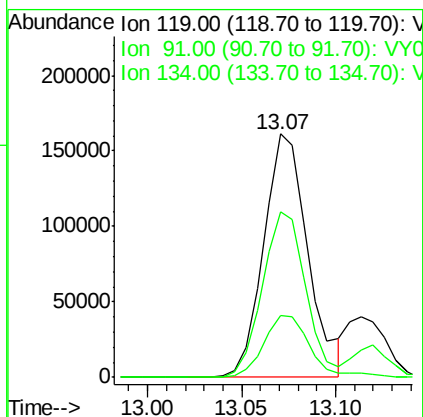
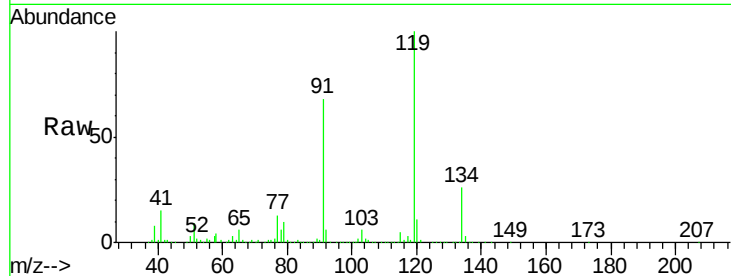




#83
tert-Butylbenzene
Concen: 70.124 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

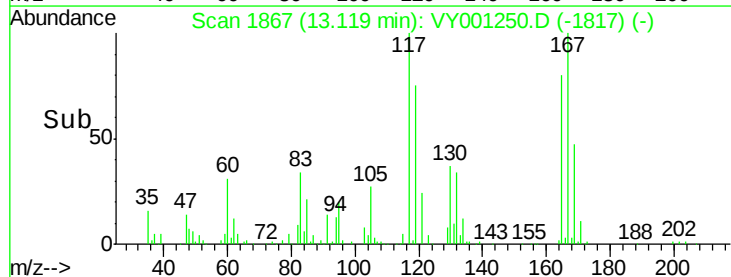
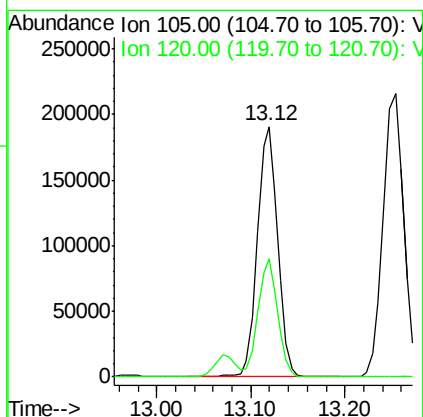
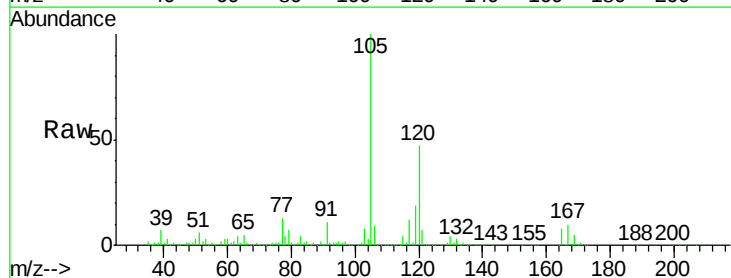
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

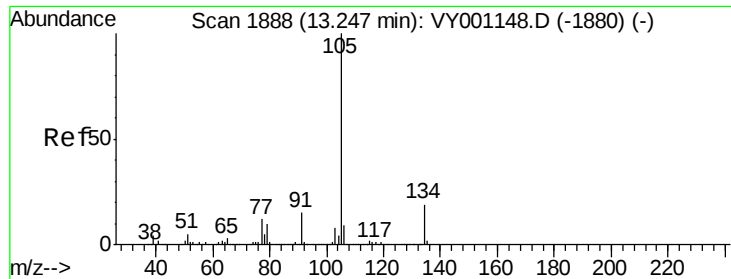
Tgt Ion:119 Resp: 262714
Ion Ratio Lower Upper
119 100
91 66.4 33.9 101.7
134 26.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 65.686 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion:105 Resp: 290840
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 61.203 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

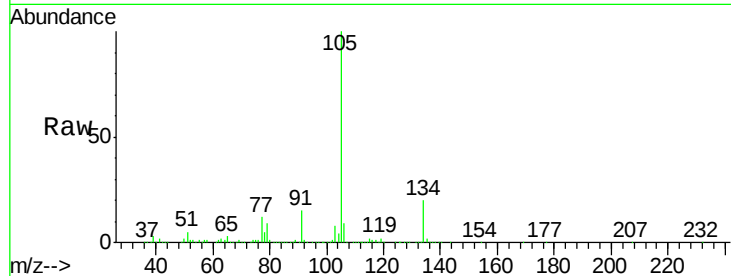
WP022SB457_200113_28-30MSD

Tgt Ion:105 Resp: 329865

Ion Ratio Lower Upper

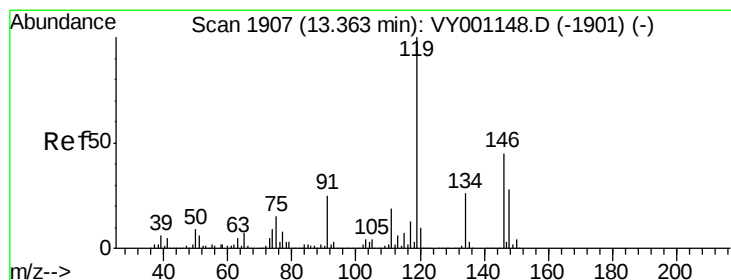
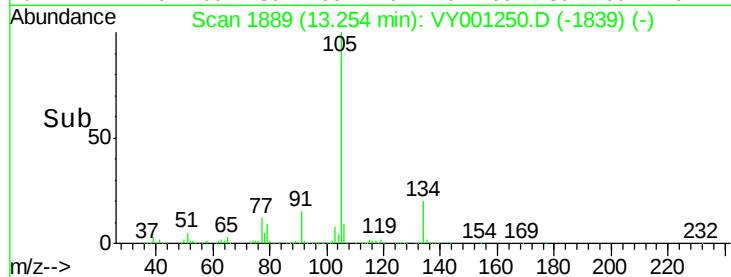
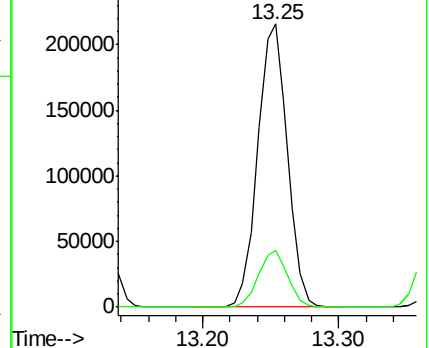
105 100

134 19.9 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: 60.106 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

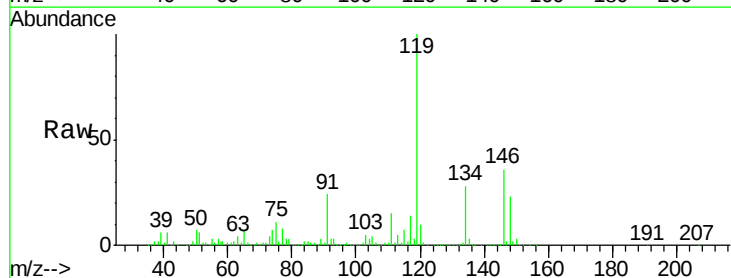
Tgt Ion:119 Resp: 281267

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

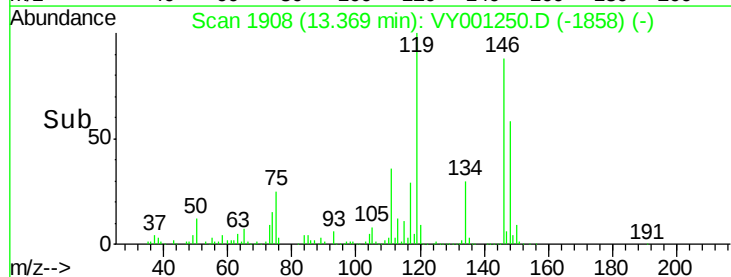
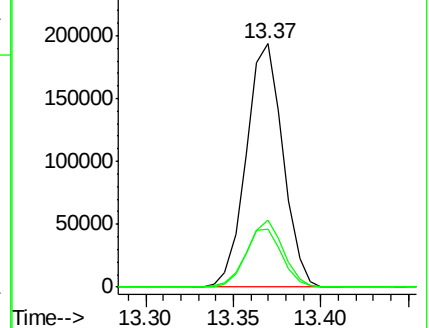
91 24.0 12.4 37.2

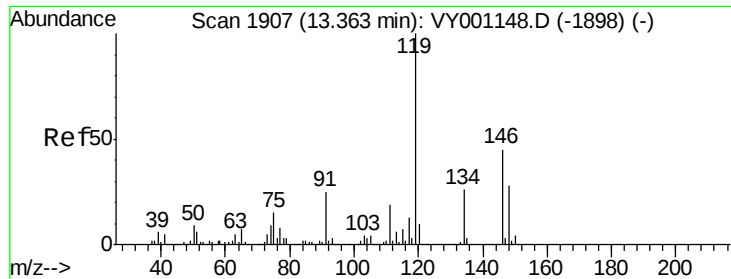


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

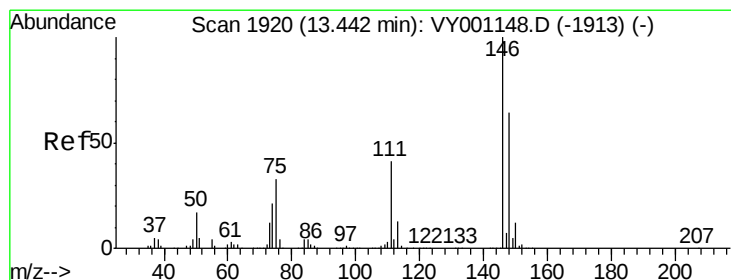
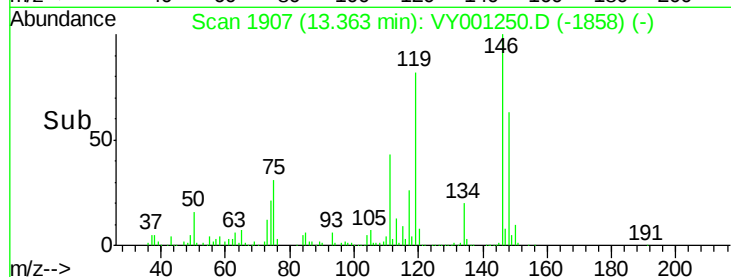
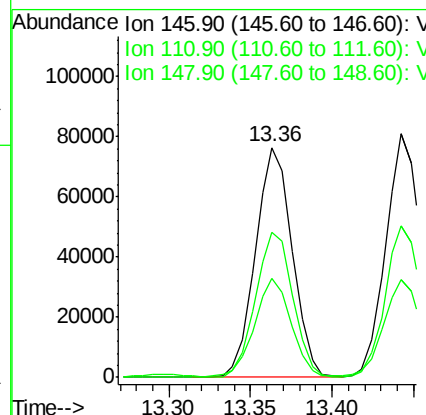
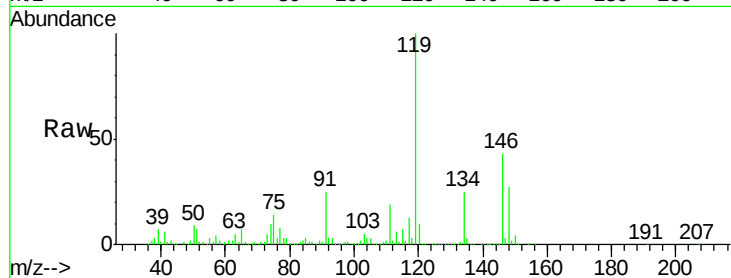




#87
 1,3-Dichlorobenzene
 Concen: 53.400 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

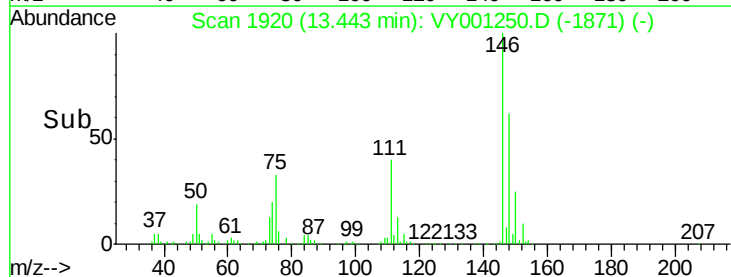
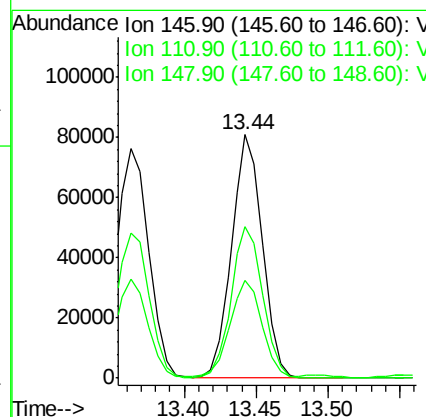
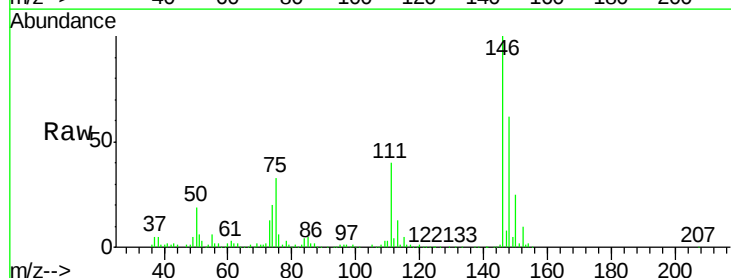
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

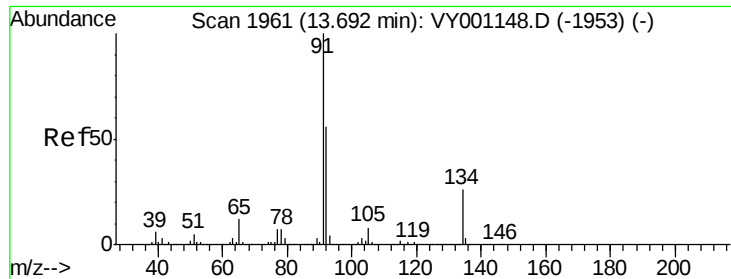
Tgt Ion:146 Resp: 119244
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 64.0
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.861 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion:146 Resp: 121487
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.5
 148 63.6 32.0 96.2

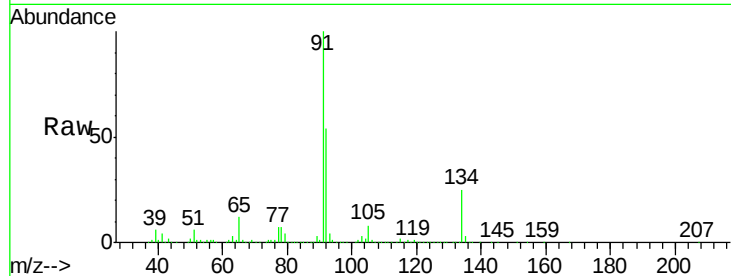




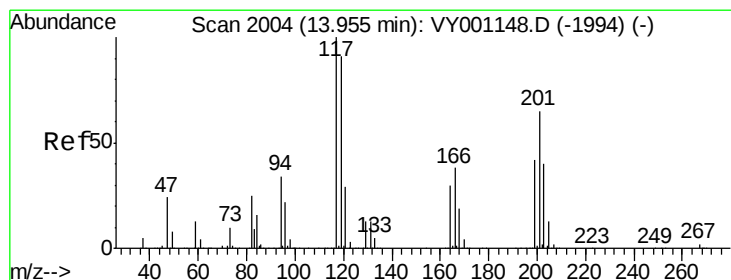
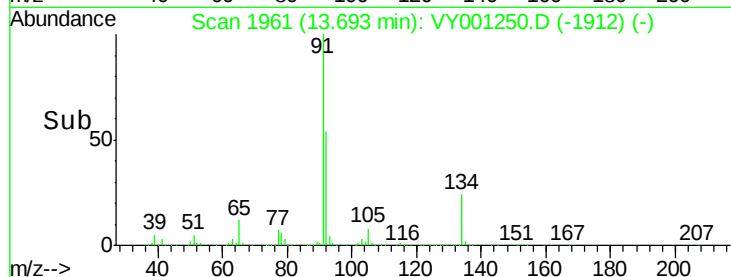
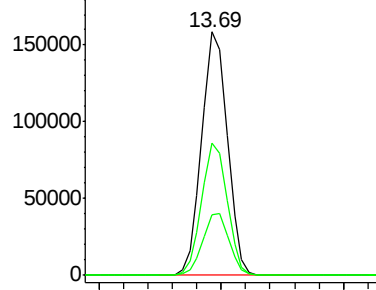
#89
n-Butylbenzene
Concen: 48.847 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tgt Ion: 91 Resp: 230222
Ion Ratio Lower Upper
91 100
92 54.0 27.7 83.1
134 26.0 12.9 38.6

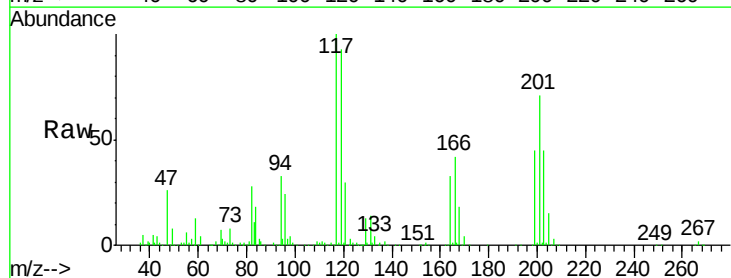


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

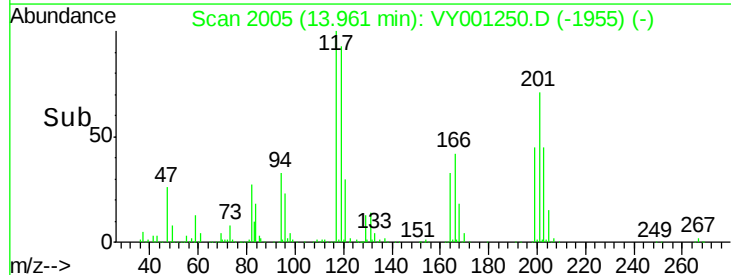
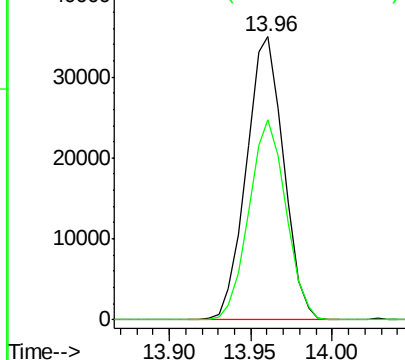


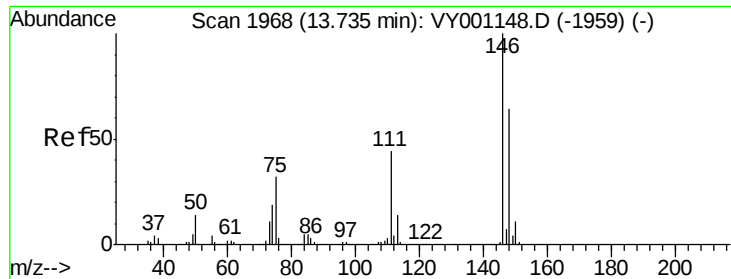
#90
Hexachloroethane
Concen: 60.870 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 117 Resp: 55657
Ion Ratio Lower Upper
117 100
201 70.1 35.4 106.2



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

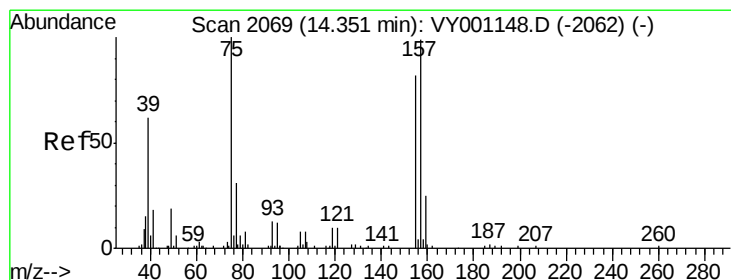
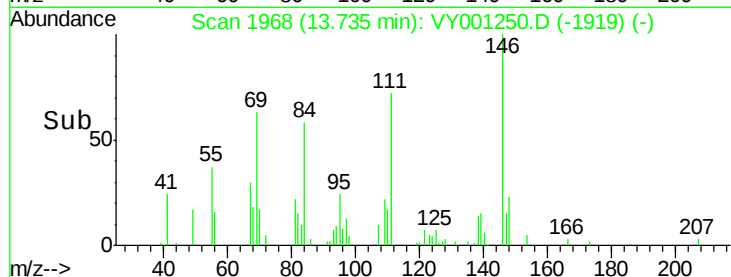
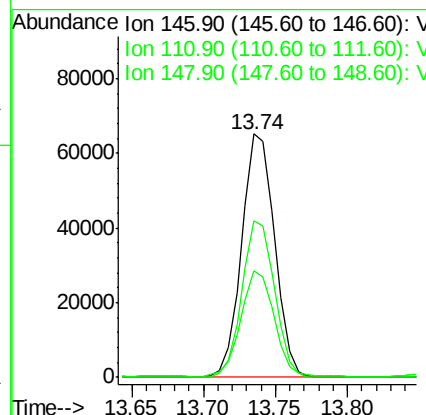
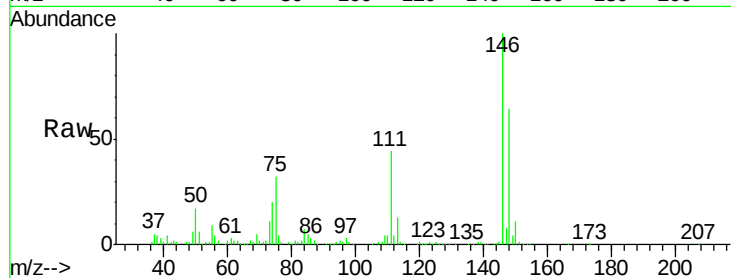




#91
 1,2-Dichlorobenzene
 Concen: 49.830 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

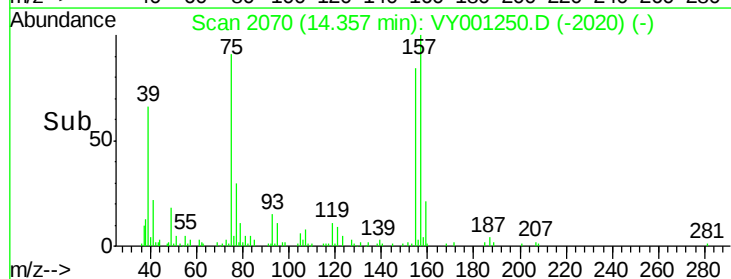
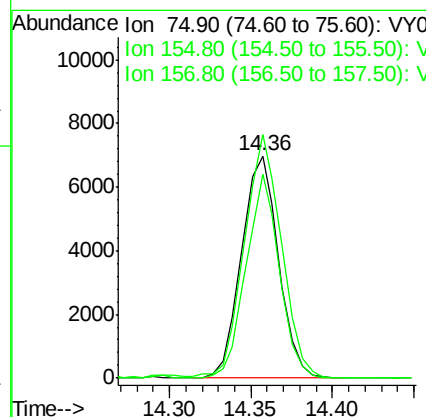
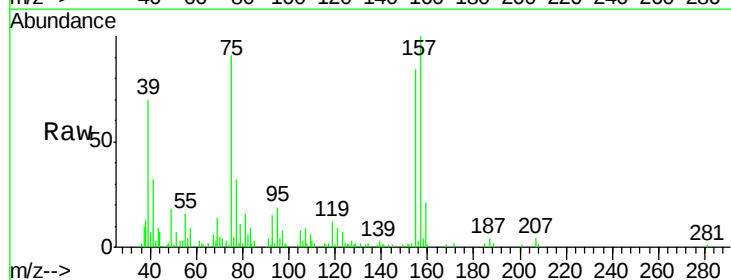
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

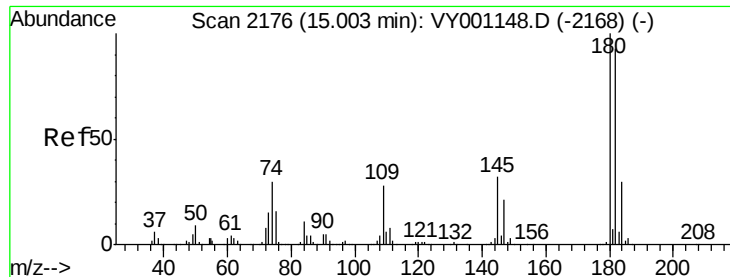
Tgt Ion: 146 Resp: 103414
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.0 66.0
 148 63.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.348 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion: 75 Resp: 11022
 Ion Ratio Lower Upper
 75 100
 155 82.4 41.2 123.6
 157 109.8 52.8 158.4

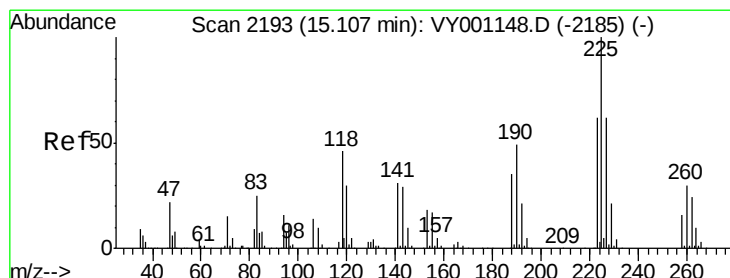
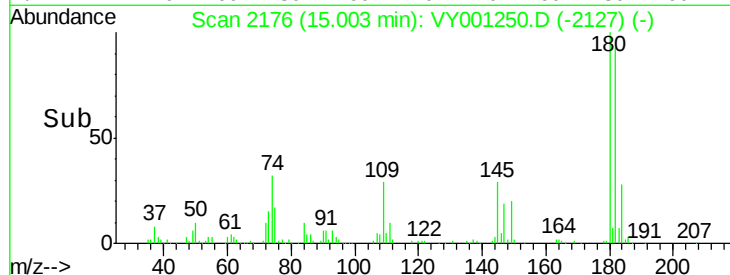
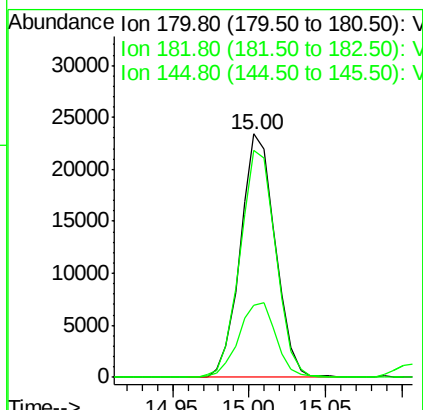
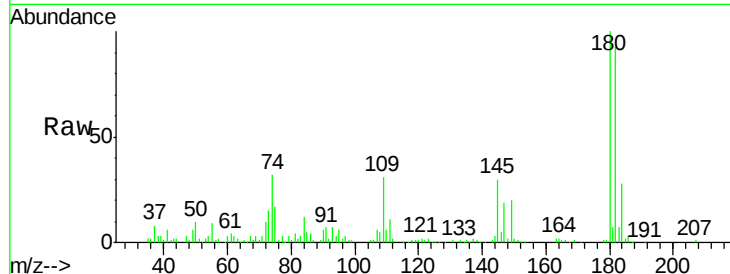




#93
 1,2,4-Trichlorobenzene
 Concen: 26.903 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

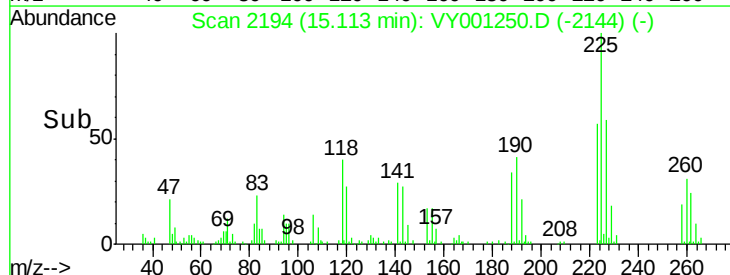
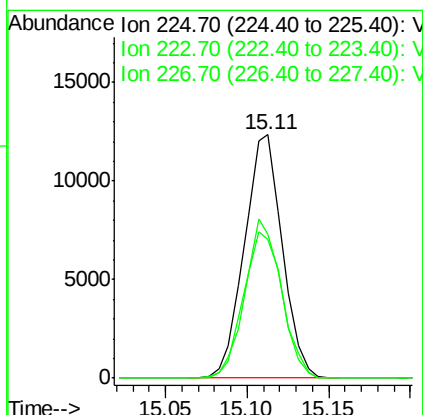
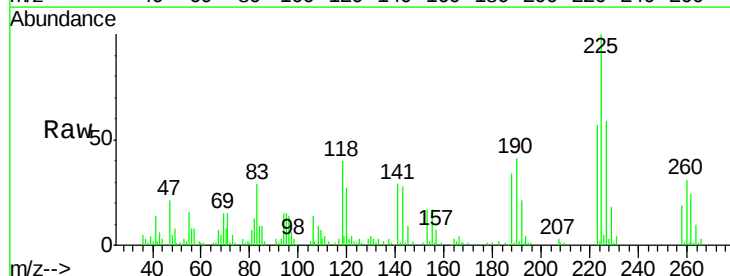
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

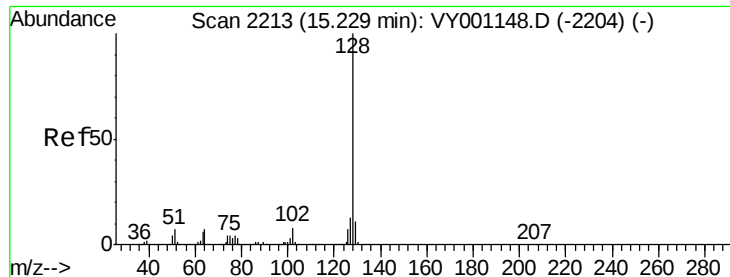
Tgt Ion:180 Resp: 36787
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.9 140.8
 145 32.8 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 28.926 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion:225 Resp: 19926
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.1 93.3
 227 63.4 31.3 93.9

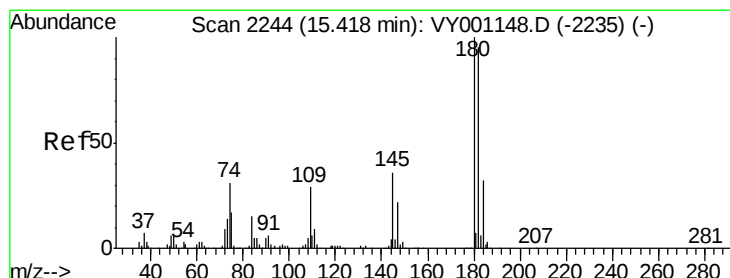
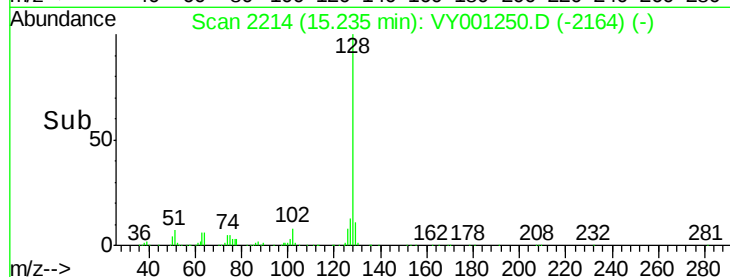
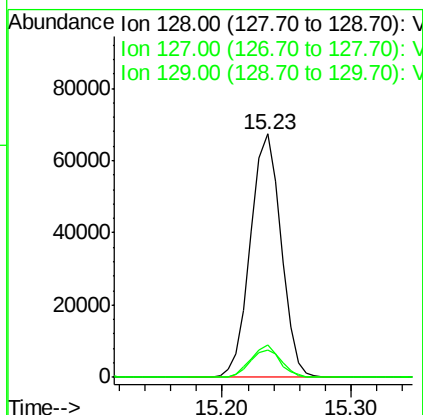
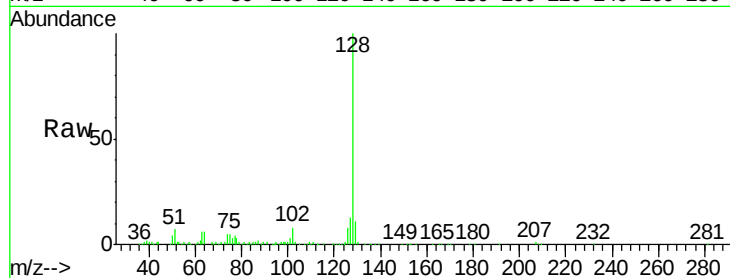




#95
Naphthalene
Concen: 34.698 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tgt Ion:128 Resp: 110455
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.4 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 24.073 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion:180 Resp: 29010
Ion Ratio Lower Upper
180 100
182 93.3 47.5 142.5
145 34.0 17.1 51.3

