

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002250.D
 Acq On : 08 Apr 2020 14:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY040820

Quant Time: Apr 09 01:53:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	306383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	273534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123890	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	93643	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	7.72	113	91660	50.28	ug/l	-0.01
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	10.18	98	374982	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.49	95	126513	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	85187	49.828	ug/l	97
3) Chloromethane	2.12	50	103996	48.333	ug/l	99
4) Vinyl Chloride	2.26	62	111428	48.654	ug/l	98
5) Bromomethane	2.65	94	68677	48.560	ug/l	98
6) Chloroethane	2.80	64	65338	49.469	ug/l	99
7) Trichlorofluoromethane	3.13	101	147795	49.970	ug/l	97
8) Diethyl Ether	3.53	74	63294	50.339	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	99745	49.647	ug/l	98
10) Methyl Iodide	4.10	142	120718	51.692	ug/l	99
11) Tert butyl alcohol	4.97	59	54517	275.459	ug/l	98
12) 1,1-Dichloroethene	3.88	96	100548	49.226	ug/l	97
13) Acrolein	3.73	56	60543	249.606	ug/l	99
14) Allyl chloride	4.49	41	167941	50.916	ug/l	99
15) Acrylonitrile	5.18	53	161858	251.727	ug/l	99
16) Acetone	3.95	43	147388	297.471	ug/l	100
17) Carbon Disulfide	4.20	76	337479	49.750	ug/l	99
18) Methyl Acetate	4.48	43	78168	50.863	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	271227	50.509	ug/l	99
20) Methylene Chloride	4.72	84	110928	45.550	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	111491	48.629	ug/l	99
22) Diisopropyl ether	6.13	45	330400	49.775	ug/l	99
23) Vinyl Acetate	6.07	43	1087778	257.156	ug/l	99
24) 1,1-Dichloroethane	6.03	63	187543	49.673	ug/l	97
25) 2-Butanone	7.00	43	210952	269.035	ug/l	100
26) 2,2-Dichloropropane	6.99	77	155624	49.275	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	120427	48.186	ug/l	100
28) Bromochloromethane	7.35	49	81668	50.109	ug/l	98
29) Tetrahydrofuran	7.36	42	133914	258.365	ug/l	98
30) Chloroform	7.52	83	176472	49.585	ug/l	97
31) Cyclohexane	7.79	56	190132	47.975	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	149862	50.590	ug/l	99
36) 1,1-Dichloropropene	7.93	75	149979	49.698	ug/l	100
37) Ethyl Acetate	7.08	43	88050	51.072	ug/l	100
38) Carbon Tetrachloride	7.91	117	128966	49.961	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	203818	49.649	ug/l	98
40) Benzene	8.17	78	446265	48.740	ug/l	99
41) Methacrylonitrile	7.35	41	117145	115.184	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	113404	50.000	ug/l	100
43) Isopropyl Acetate	8.28	43	162932	51.819	ug/l	99
44) Trichloroethene	8.94	130	131125	48.710	ug/l	99
45) 1,2-Dichloropropane	9.22	63	113806	50.095	ug/l	98
46) Dibromomethane	9.31	93	59228	49.863	ug/l	99
47) Bromodichloromethane	9.50	83	136713	50.161	ug/l	98
48) Methyl methacrylate	9.30	41	74138	52.586	ug/l	97
49) 1,4-Dioxane	9.30	88	16351	973.134	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	424979	259.386	ug/l	99
52) Toluene	10.25	92	271211	49.151	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	154076	51.885	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	180348	50.516	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	87218	50.153	ug/l	97
56) Ethyl methacrylate	10.52	69	128726	51.863	ug/l	99
57) 1,3-Dichloropropane	10.80	76	153385	50.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	327636	254.909	ug/l	99
59) 2-Hexanone	10.84	43	303119	266.572	ug/l	100
60) Dibromochloromethane	10.99	129	95585	51.547	ug/l	99
61) 1,2-Dibromoethane	11.09	107	83481	50.424	ug/l	99
64) Tetrachloroethene	10.72	164	131891	47.692	ug/l	96
65) Chlorobenzene	11.52	112	277320	48.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	93299	49.699	ug/l	99
67) Ethyl Benzene	11.60	91	517443	49.710	ug/l	98
68) m/p-Xylenes	11.71	106	383583	98.387	ug/l	100
69) o-Xylene	12.03	106	182698	49.914	ug/l	99
70) Styrene	12.05	104	313356	49.345	ug/l	100
71) Bromoform	12.21	173	53300	52.209	ug/l #	98
73) Isopropylbenzene	12.33	105	483804	49.708	ug/l	100
74) N-amyl acetate	12.15	43	143734	52.025	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	64284	54.591	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	137126	95.317	ug/l #	100
77) Bromobenzene	12.61	156	104859	48.969	ug/l	97
78) n-propylbenzene	12.67	91	596629	49.288	ug/l	100
79) 2-Chlorotoluene	12.76	91	326486	49.630	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	399827	49.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	38698	52.318	ug/l	97
82) 4-Chlorotoluene	12.86	91	339172	49.192	ug/l	100
83) tert-Butylbenzene	13.08	119	330401	49.004	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	399463	49.697	ug/l	97
85) sec-Butylbenzene	13.26	105	492869	49.071	ug/l	100
86) p-Isopropyltoluene	13.38	119	428066	49.519	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	202830	48.875	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	204379	48.517	ug/l	99
89) n-Butylbenzene	13.70	91	432292	48.787	ug/l	100
90) Hexachloroethane	13.97	117	80845	49.078	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	185329	49.147	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15236	53.497	ug/l	95

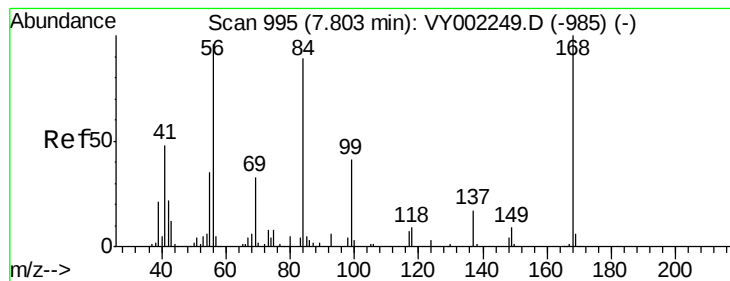
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	119379	48.434	ug/l	98
94) Hexachlorobutadiene	15.12	225	58112	46.811	ug/l	99
95) Naphthalene	15.24	128	273489	50.677	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	102357	47.826	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

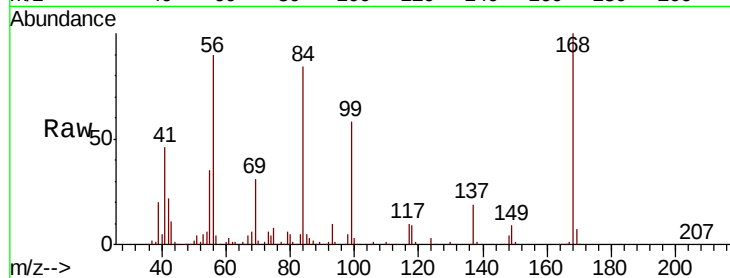
ICVY040820

Tot Ion:168 Resp: 169160

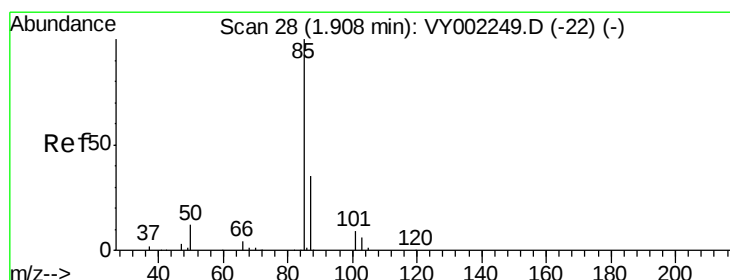
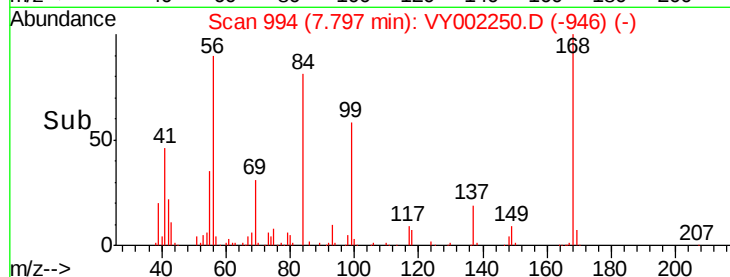
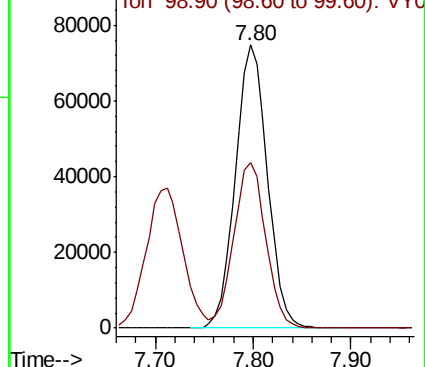
Ion Ratio Lower Upper

168 100

99 58.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 49.828 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002250.D

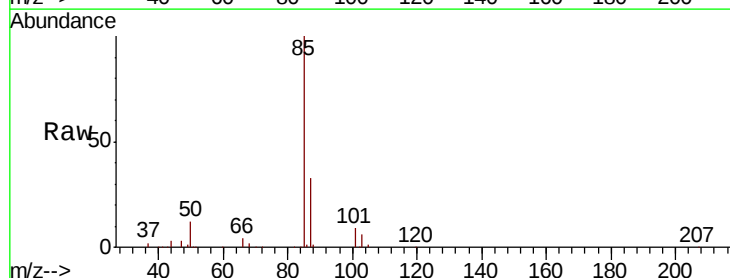
Acq: 08 Apr 2020 14:34

Tgt Ion: 85 Resp: 85187

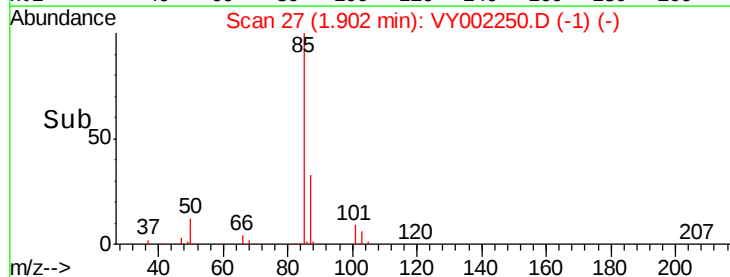
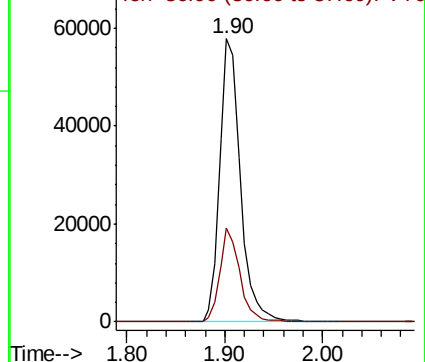
Ion Ratio Lower Upper

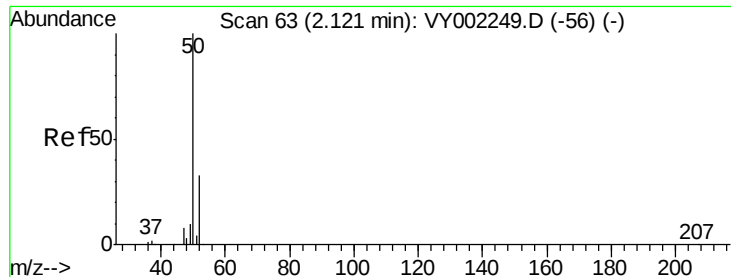
85 100

87 33.1 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 48.333 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

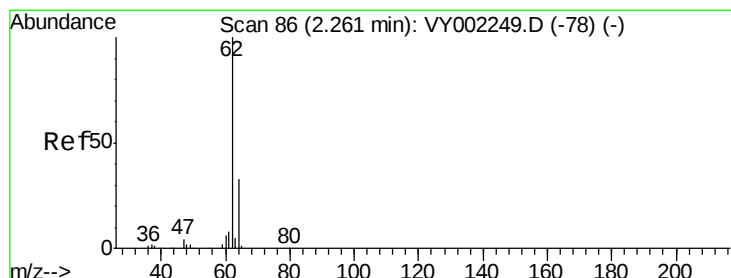
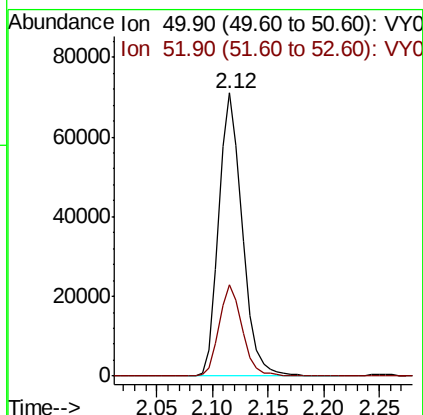
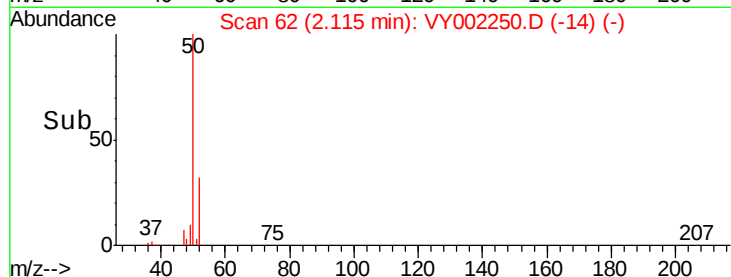
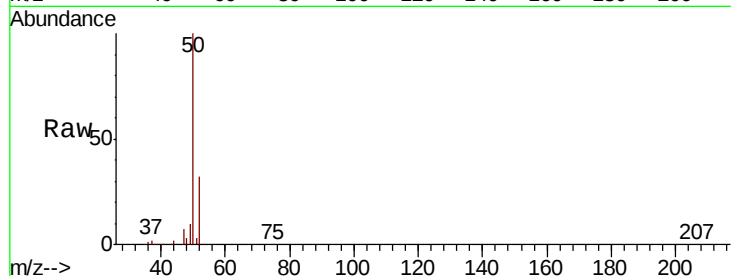
ICVVY040820

Tot Ion: 50 Resp: 103996

Ion Ratio Lower Upper

50 100

52 32.5 26.6 39.8



#4

Vinyl Chloride

Concen: 48.654 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002250.D

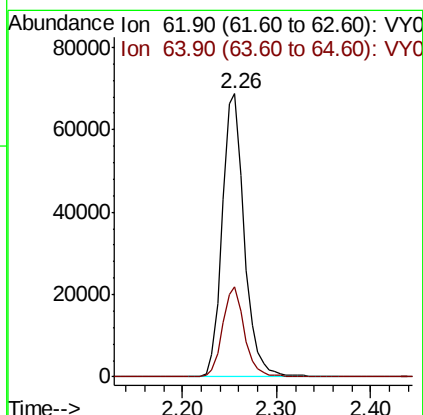
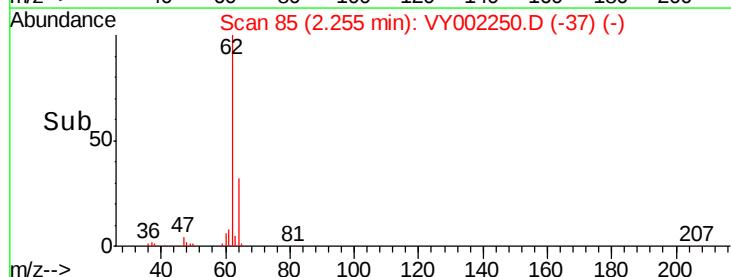
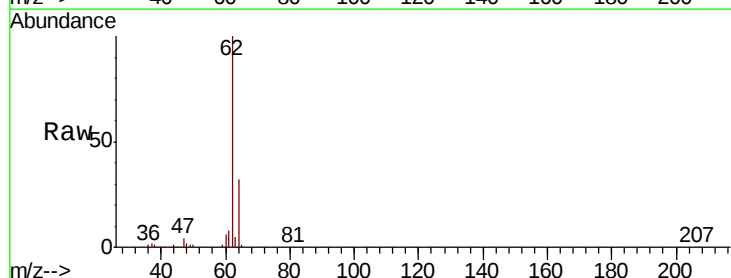
Acq: 08 Apr 2020 14:34

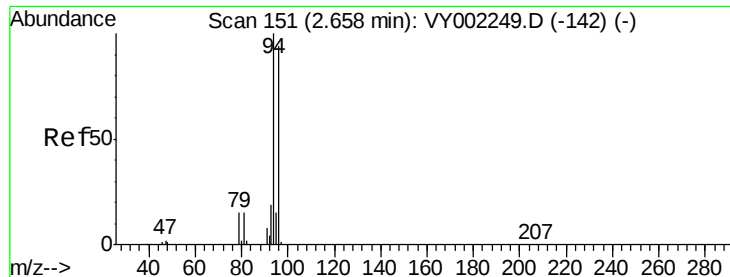
Tgt Ion: 62 Resp: 111428

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.2





#5

Bromomethane

Concen: 48.560 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

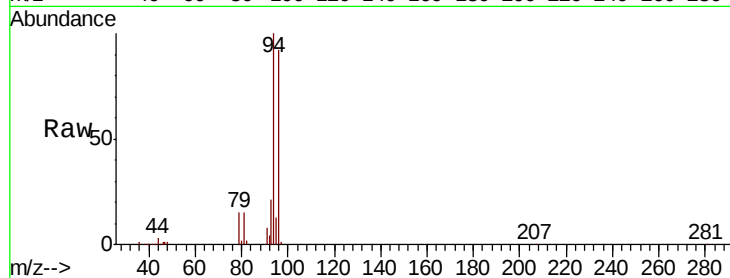
ICVY040820

Tot Ion: 94 Resp: 68677

Ion Ratio Lower Upper

94 100

96 92.3 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

20000

10000

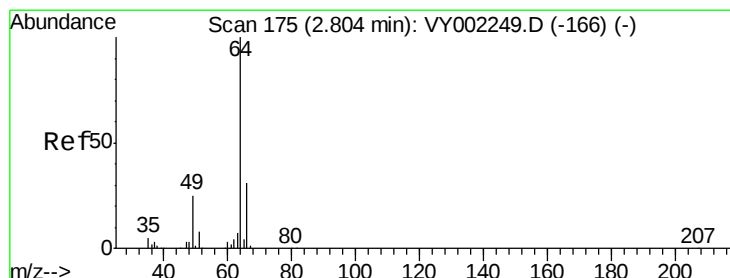
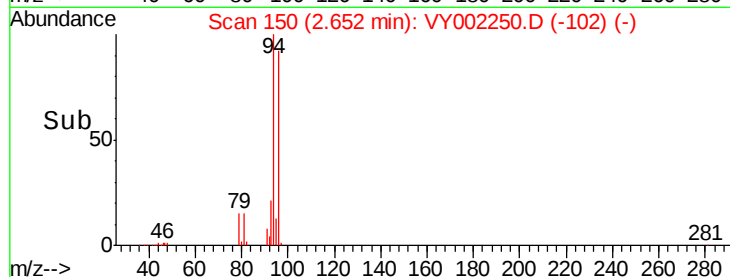
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 49.469 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002250.D

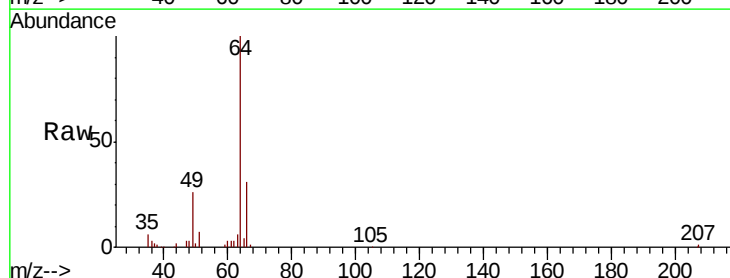
Acq: 08 Apr 2020 14:34

Tgt Ion: 64 Resp: 65338

Ion Ratio Lower Upper

64 100

66 31.4 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

30000

20000

10000

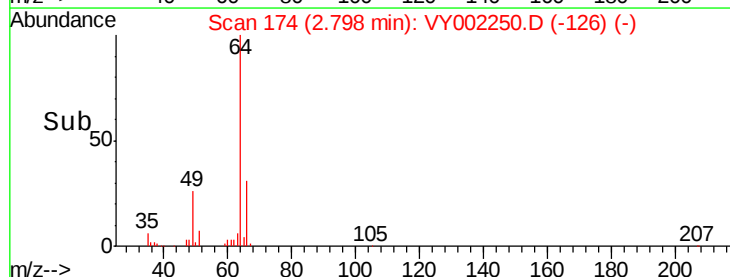
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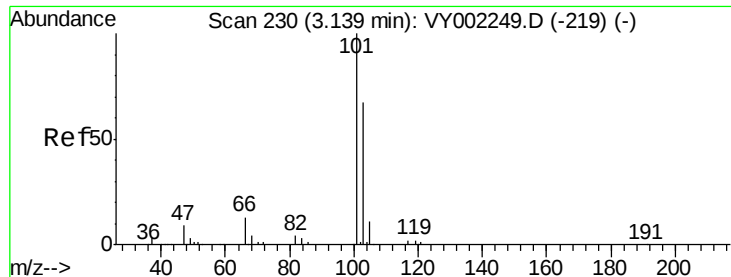
Time-->

2.70

2.80

2.90



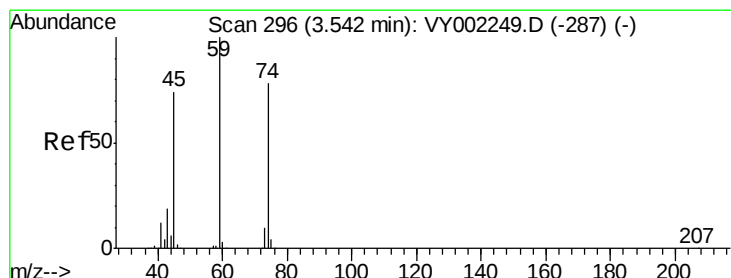
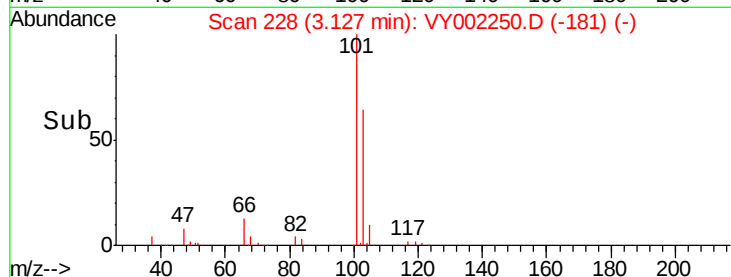
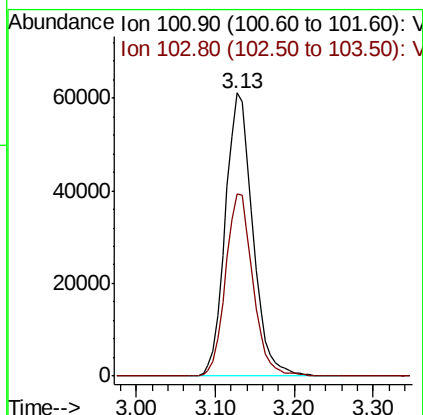
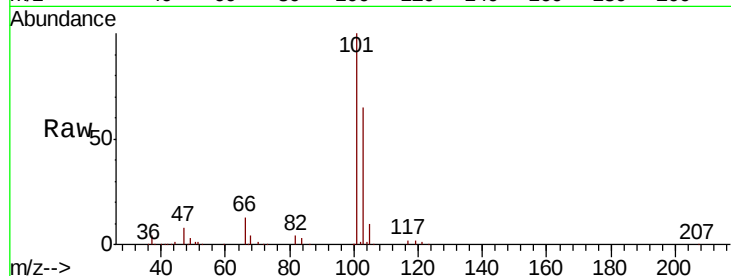


#7

Trichlorofluoromethane
 Concen: 49.970 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
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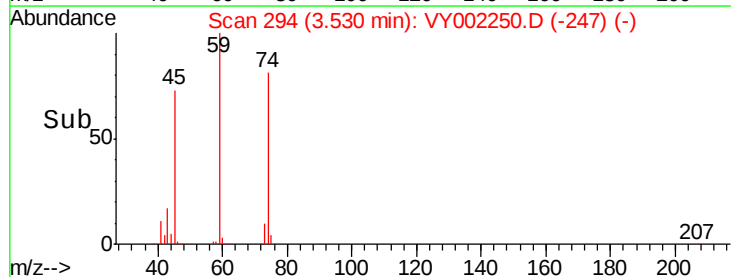
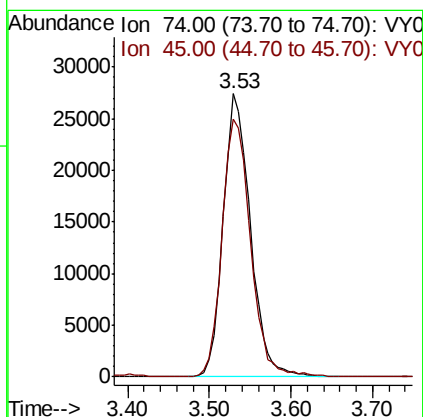
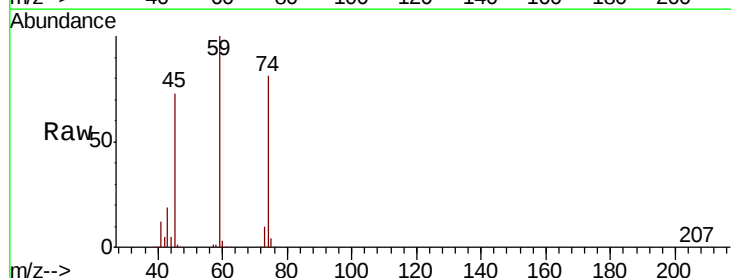
Tot Ion:101 Resp: 147795
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.3 79.9

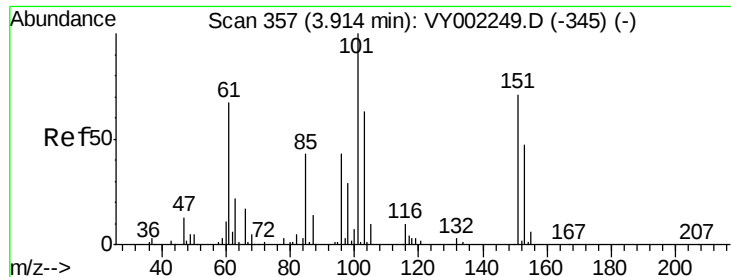


#8

Diethyl Ether
 Concen: 50.339 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion: 74 Resp: 63294
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.647 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

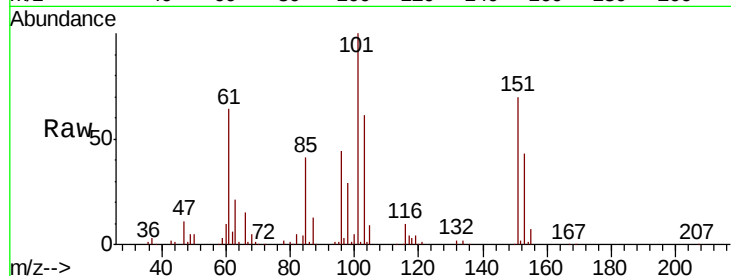
Tot Ion:101 Resp: 99745

Ion Ratio Lower Upper

101 100

85 42.7 34.6 52.0

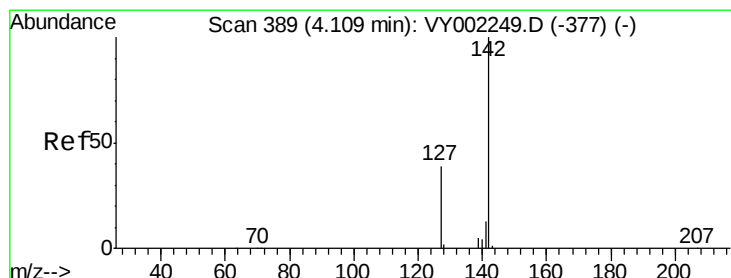
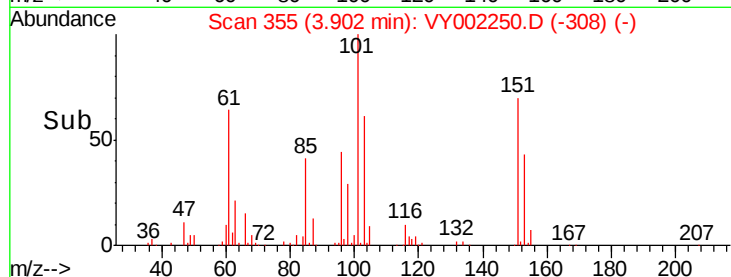
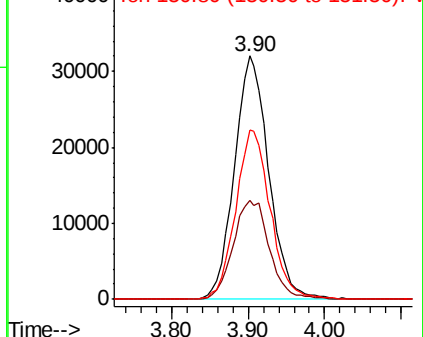
151 70.2 57.6 86.4



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: 51.692 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

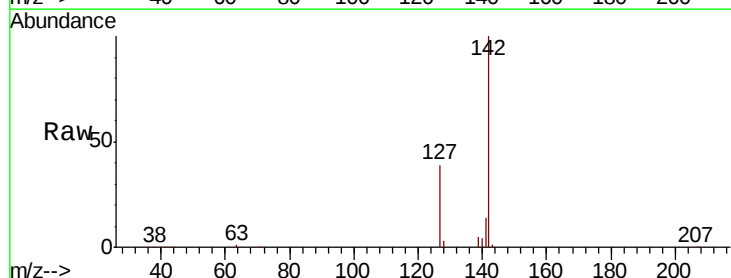
Tgt Ion:142 Resp: 120718

Ion Ratio Lower Upper

142 100

127 40.0 32.4 48.6

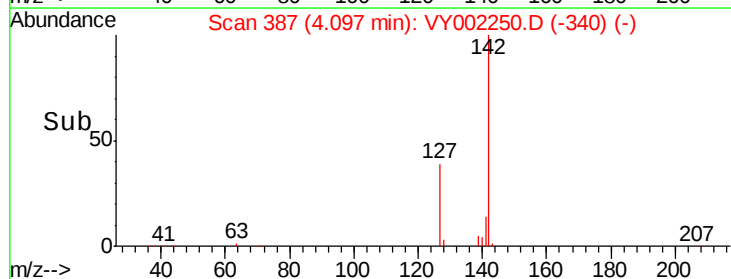
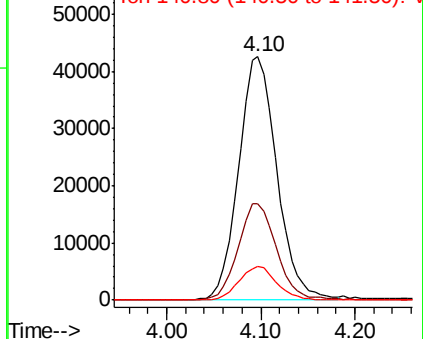
141 13.8 11.2 16.8

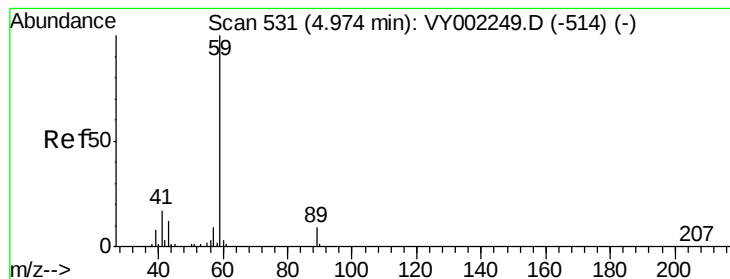


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



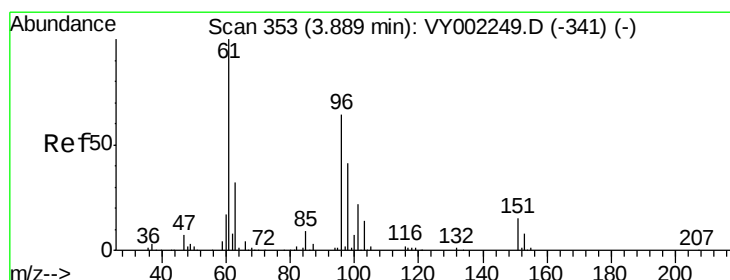
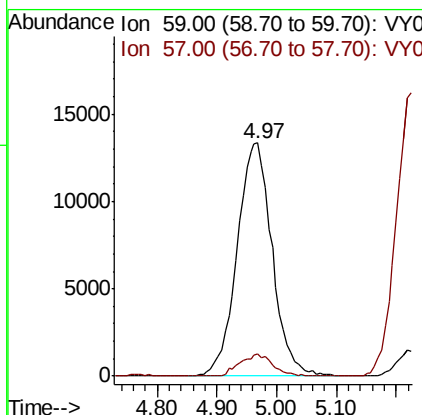
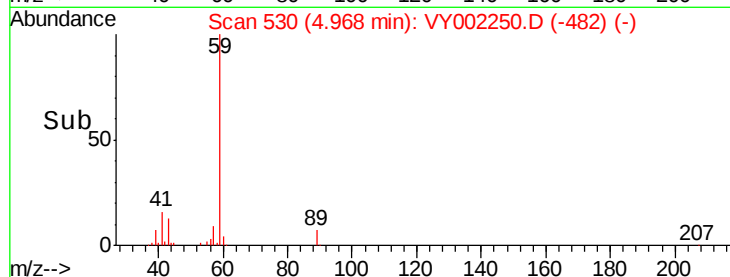
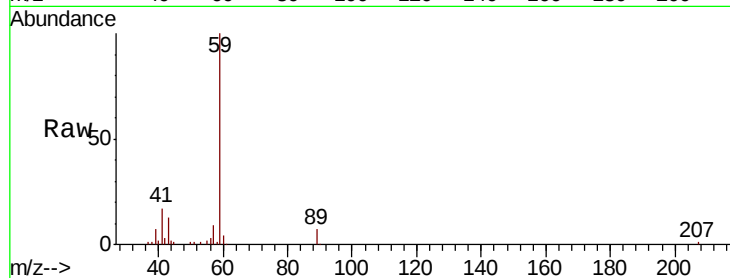


#11

Tert butyl alcohol
Concen: 275.459 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

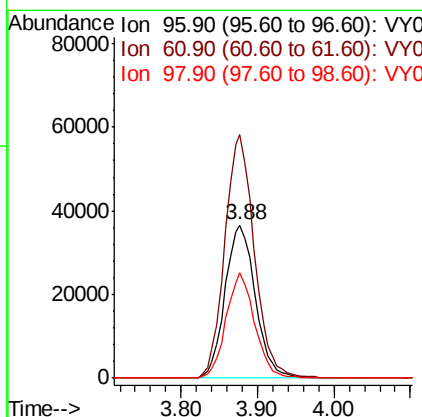
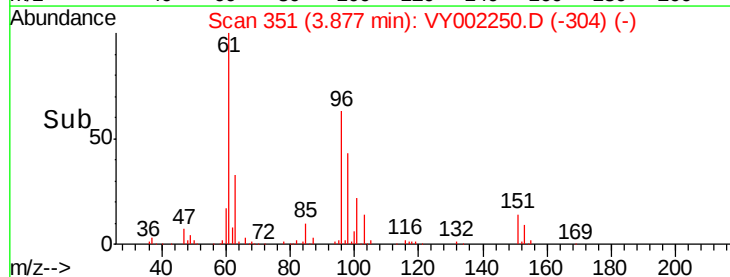
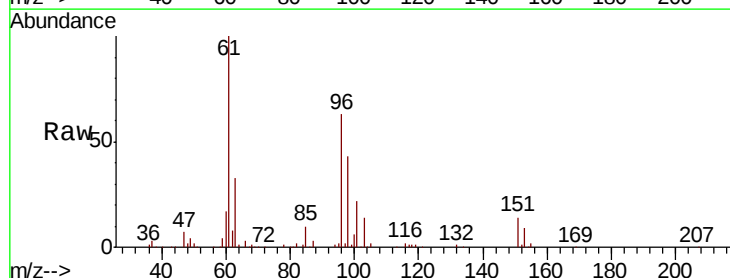
Tot Ion: 59 Resp: 54517
Ion Ratio Lower Upper
59 100
57 8.8 6.6 9.8

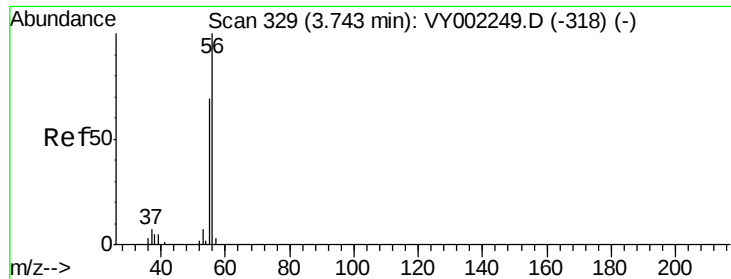


#12

1,1-Dichloroethene
Concen: 49.226 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 96 Resp: 100548
Ion Ratio Lower Upper
96 100
61 159.3 125.9 188.9
98 68.6 51.1 76.7





#13

Acrolein

Concen: 249.606 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

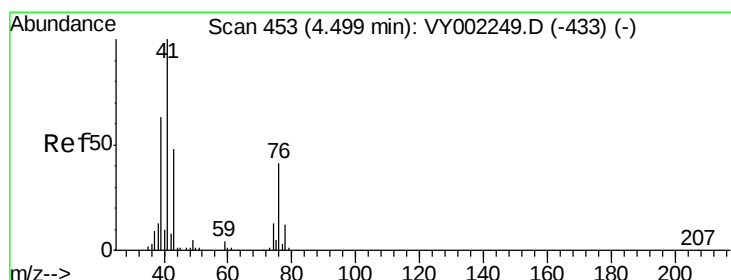
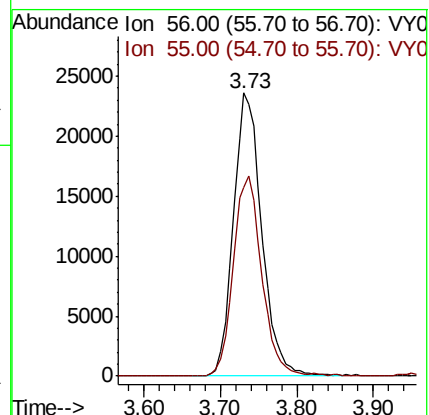
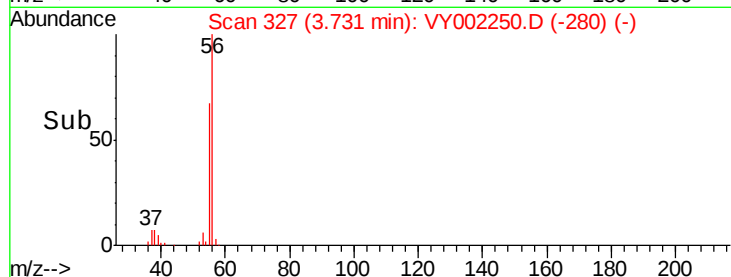
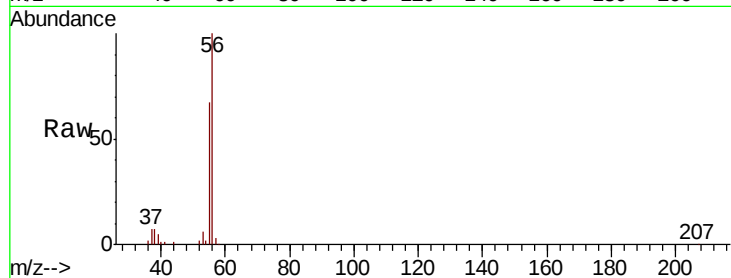
ICVY040820

Tot Ion: 56 Resp: 60543

Ion Ratio Lower Upper

56 100

55 70.7 55.8 83.8



#14

Allyl chloride

Concen: 50.916 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

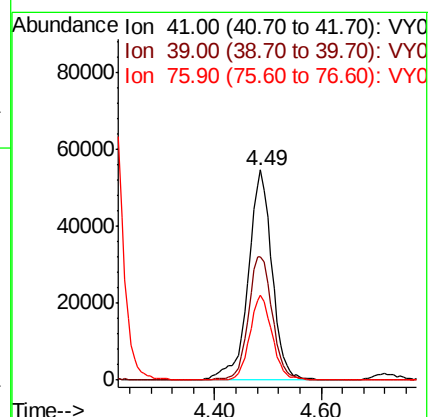
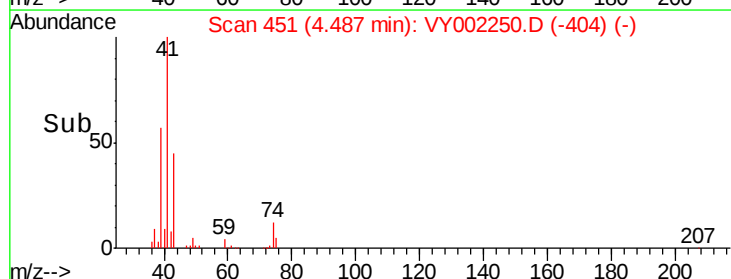
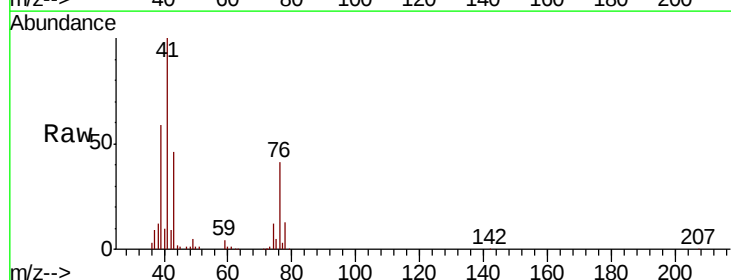
Tgt Ion: 41 Resp: 167941

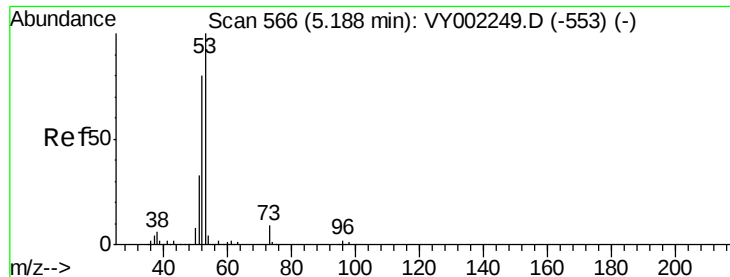
Ion Ratio Lower Upper

41 100

39 59.6 48.0 72.0

76 37.8 31.0 46.6





#15

Acrylonitrile

Concen: 251.727 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

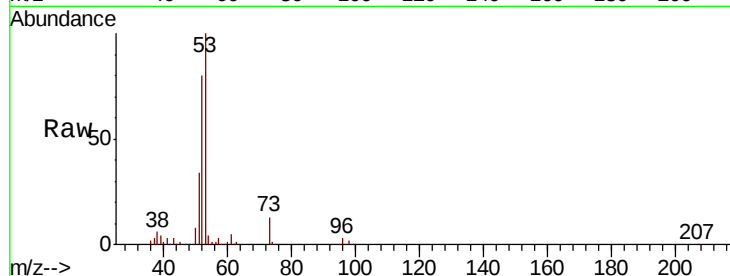
Tot Ion: 53 Resp: 161858

Ion Ratio Lower Upper

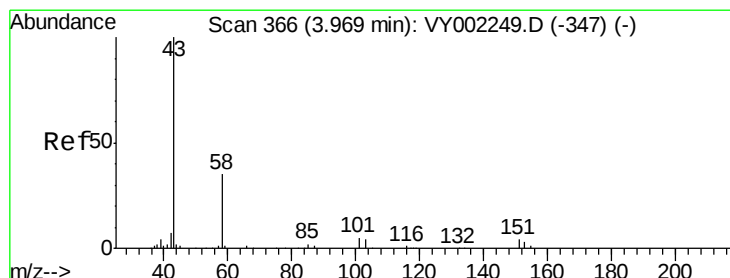
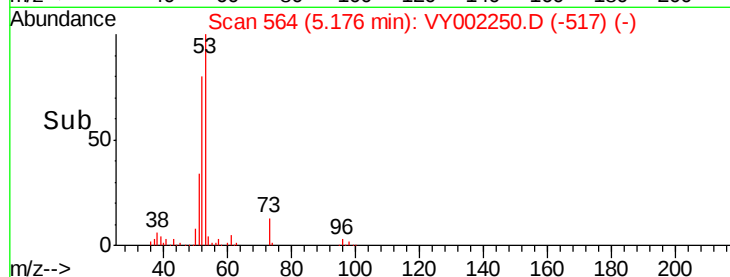
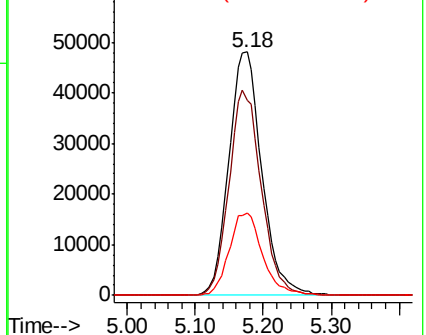
53 100

52 82.4 65.1 97.7

51 34.3 27.1 40.7



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



#16

Acetone

Concen: 297.471 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.02 min

Lab File: VY002250.D

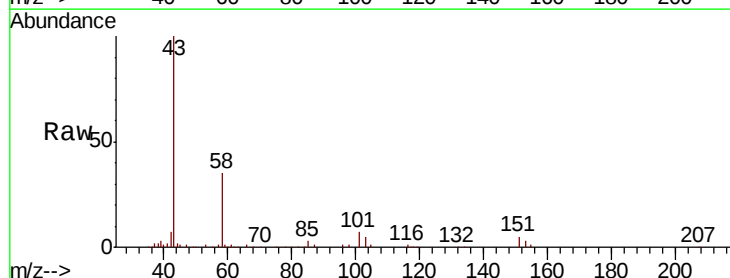
Acq: 08 Apr 2020 14:34

Tgt Ion: 43 Resp: 147388

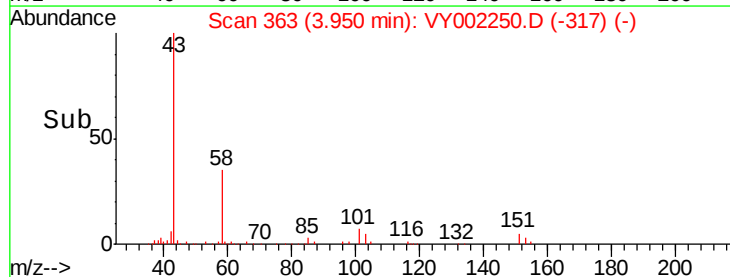
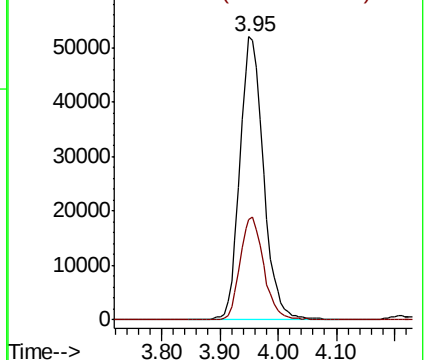
Ion Ratio Lower Upper

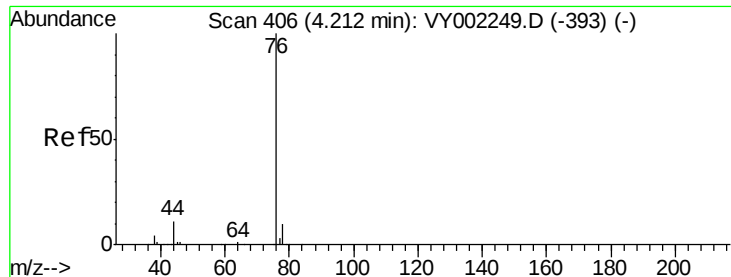
43 100

58 35.3 28.5 42.7



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

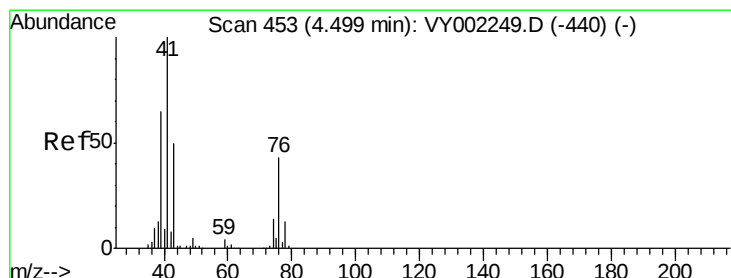
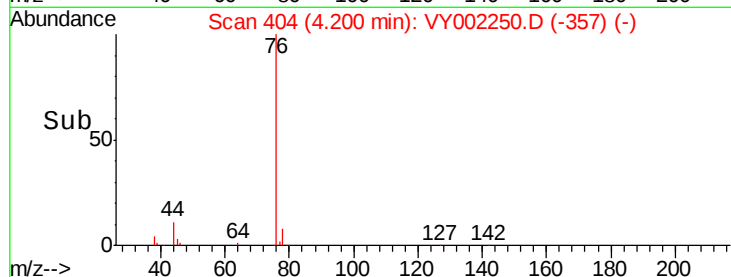
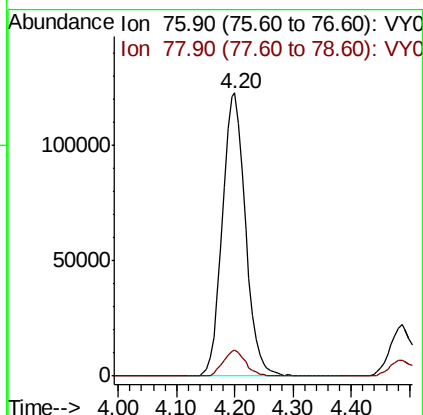
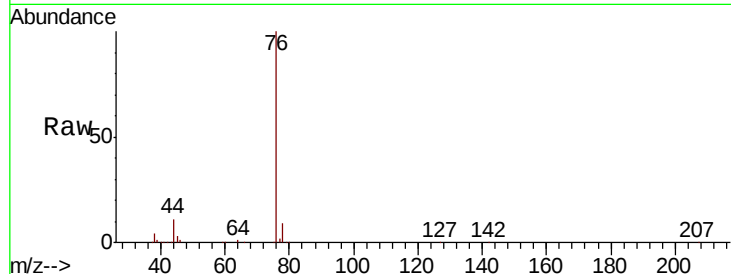




#17
Carbon Disulfide
Concen: 49.750 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

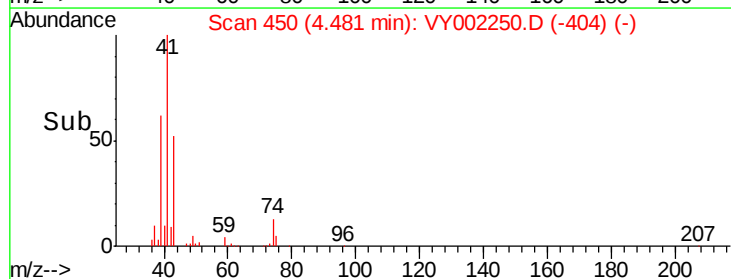
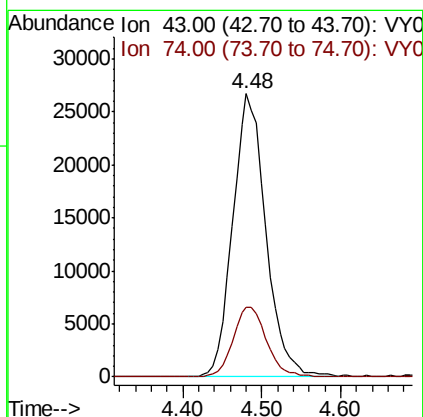
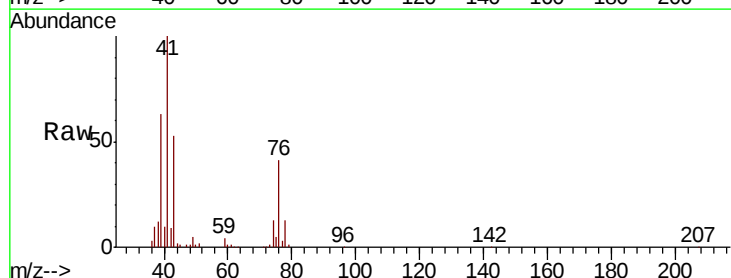
Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

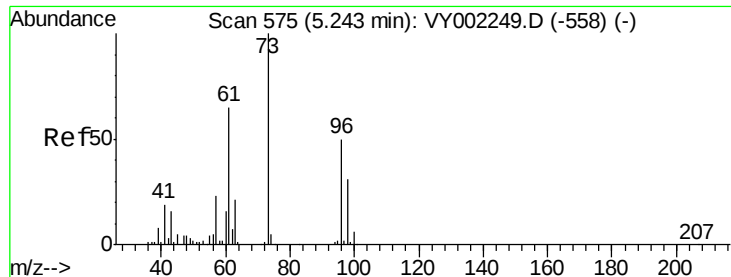
Tot Ion: 76 Resp: 337479
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#18
Methyl Acetate
Concen: 50.863 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.02 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 43 Resp: 78168
Ion Ratio Lower Upper
43 100
74 24.9 20.3 30.5

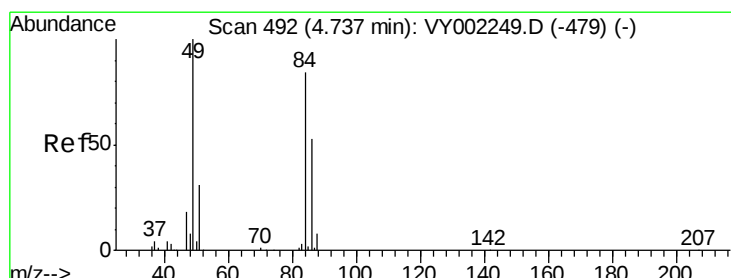
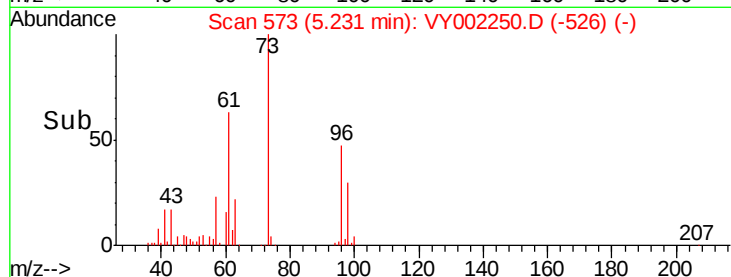
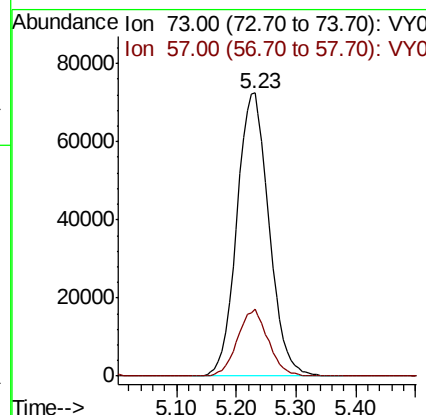
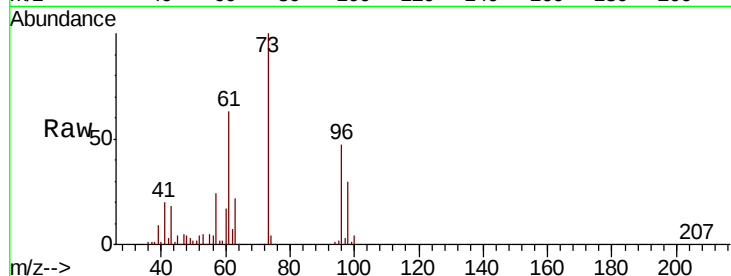




#19
Methvl tert-butvl Ether
Concen: 50.509 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

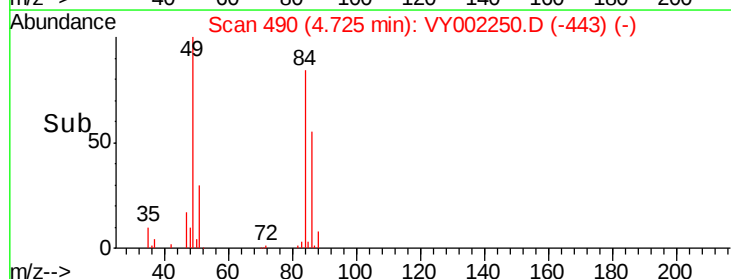
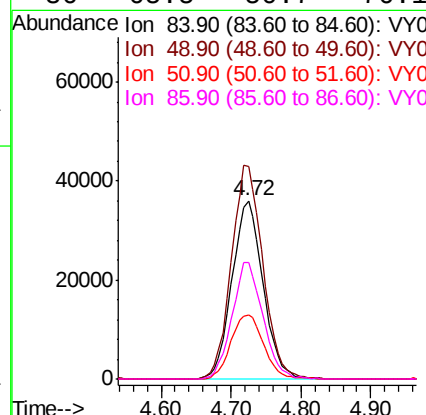
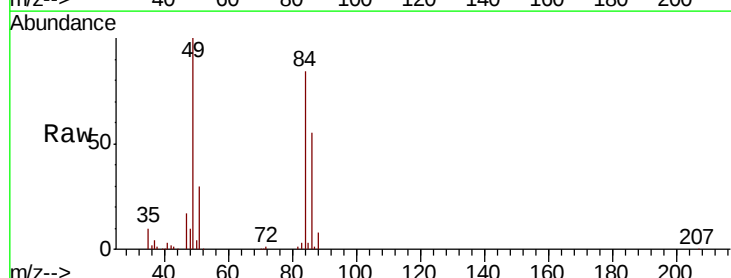
Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

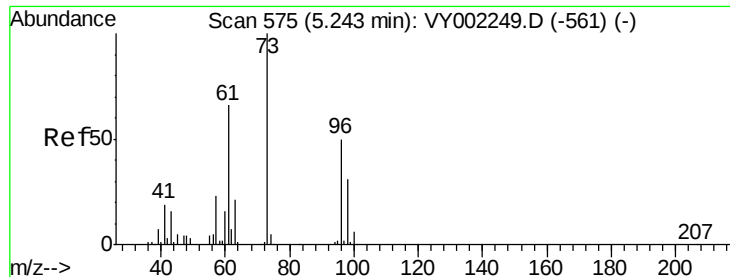
Tot Ion: 73 Resp: 271227
Ion Ratio Lower Upper
73 100
57 23.8 18.7 28.1



#20
Methylene Chloride
Concen: 45.550 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 84 Resp: 110928
Ion Ratio Lower Upper
84 100
49 119.5 95.5 143.3
51 35.6 29.5 44.3
86 65.5 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.629 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.02 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

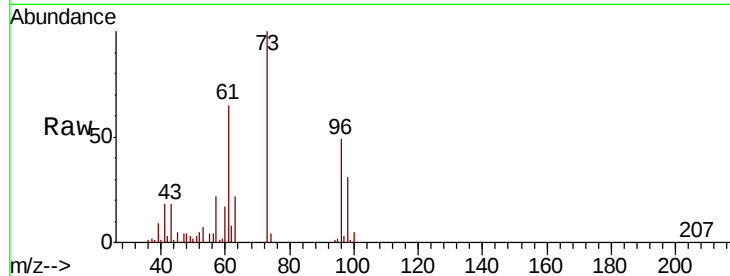
Tot Ion: 96 Resp: 111491

Ion Ratio Lower Upper

96 100

61 131.3 104.6 157.0

98 63.8 50.1 75.1

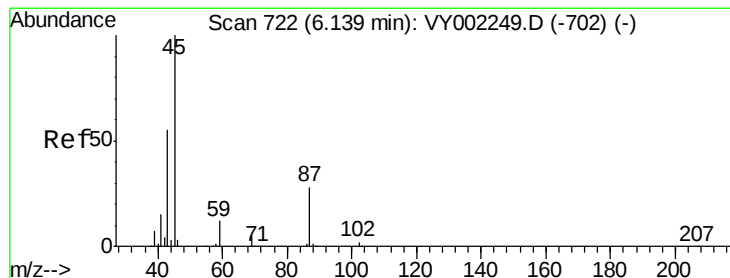
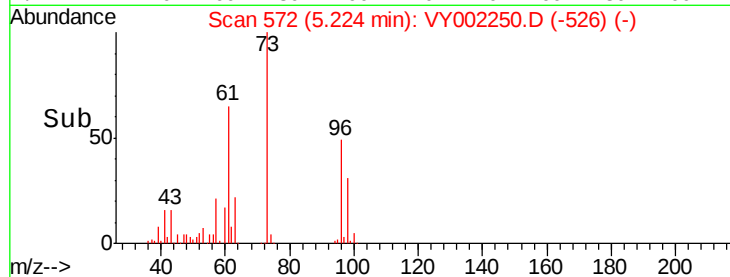
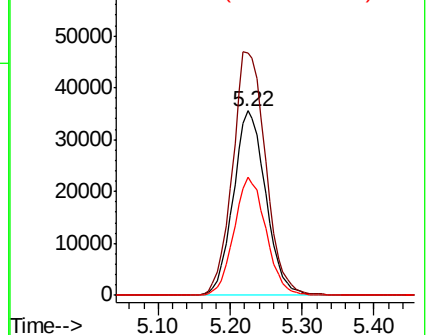


Abundance

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: 49.775 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Tgt Ion: 45 Resp: 330400

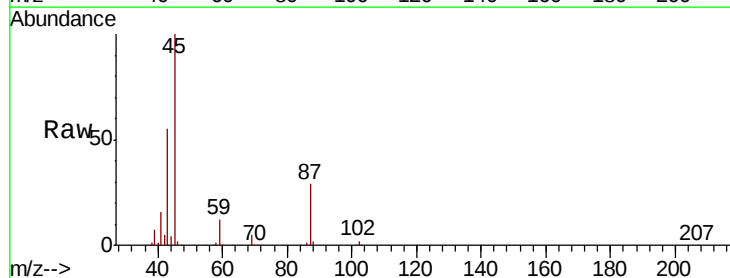
Ion Ratio Lower Upper

45 100

43 54.9 44.7 67.1

87 28.6 23.0 34.4

59 12.5 10.1 15.1



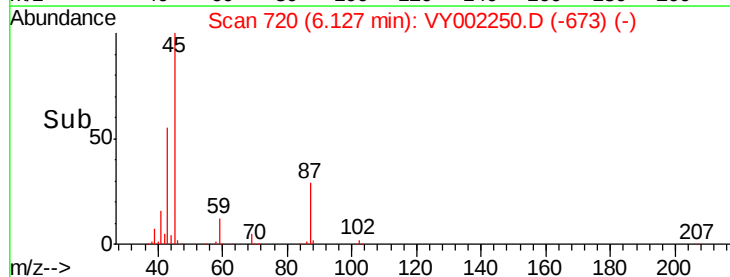
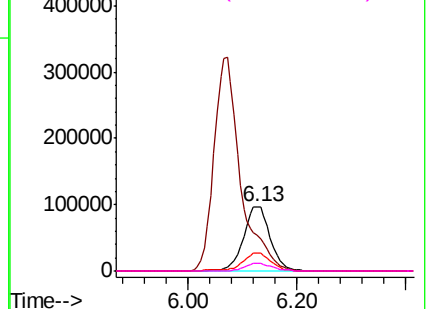
Abundance

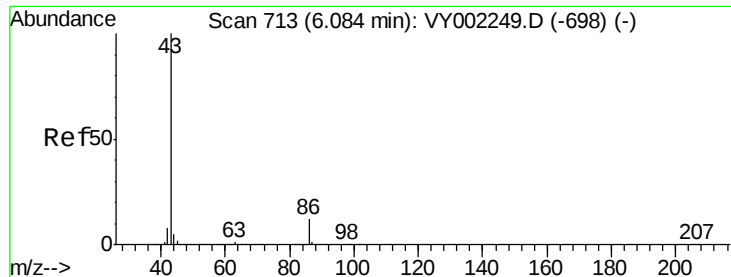
Ion 45.00 (44.70 to 45.70): VY0

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: 257.156 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

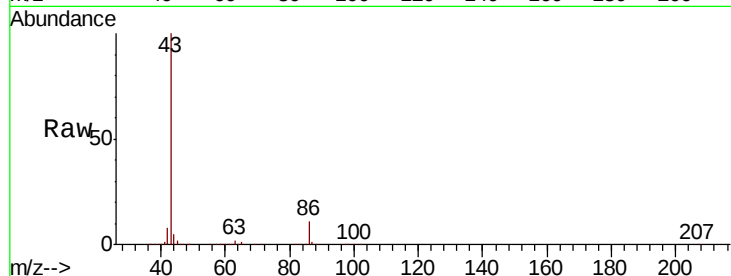
ICVY040820

Tot Ion: 43 Resp: 1087778

Ion Ratio Lower Upper

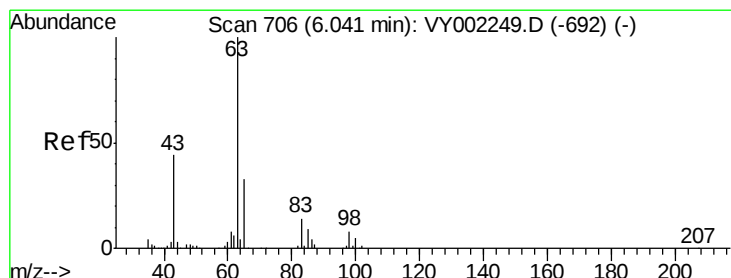
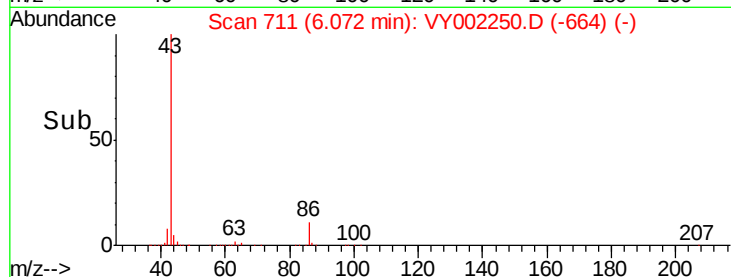
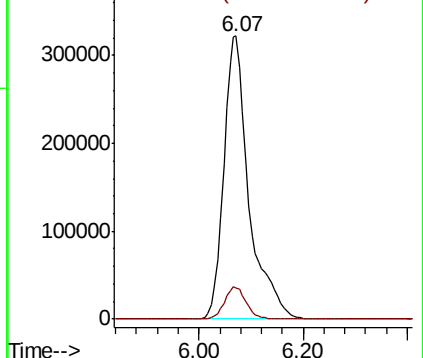
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.673 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

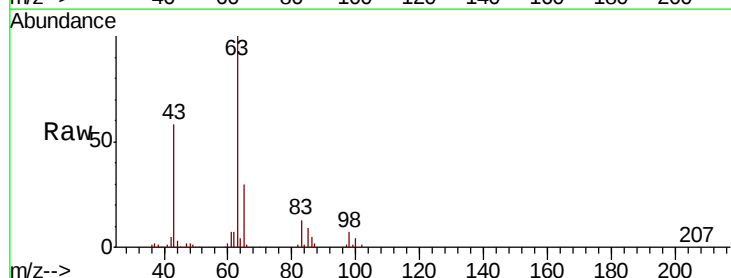
Tgt Ion: 63 Resp: 187543

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

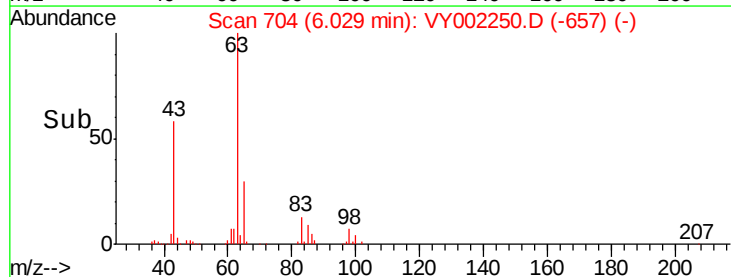
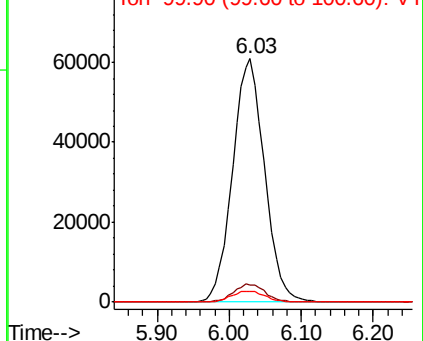
100 4.3 2.4 7.1

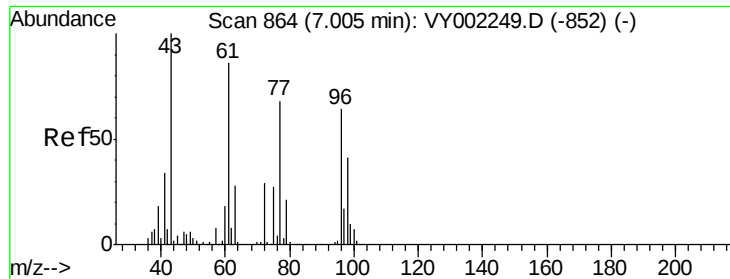


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

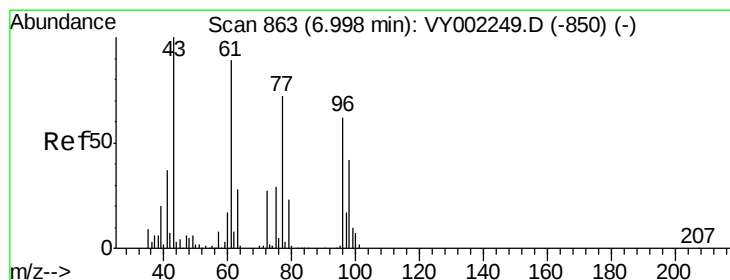
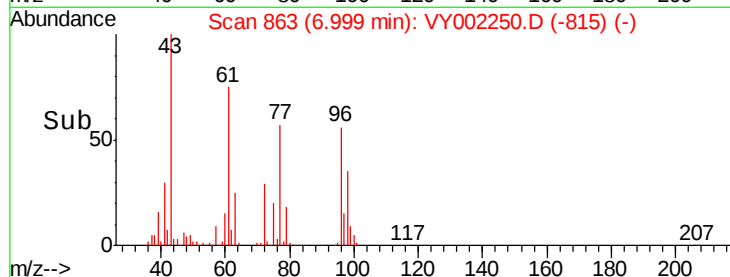
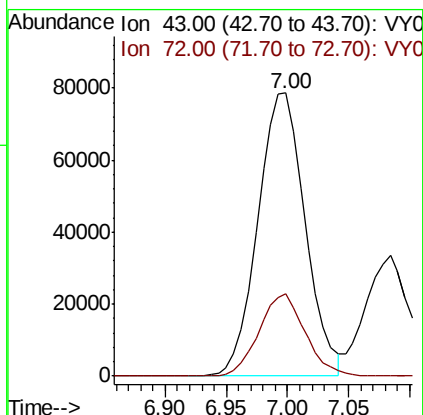
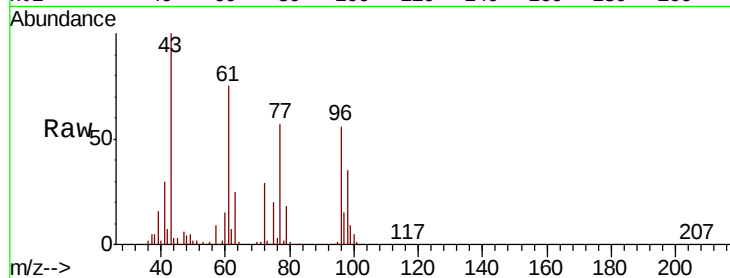




#25
2-Butanone
Concen: 269.035 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

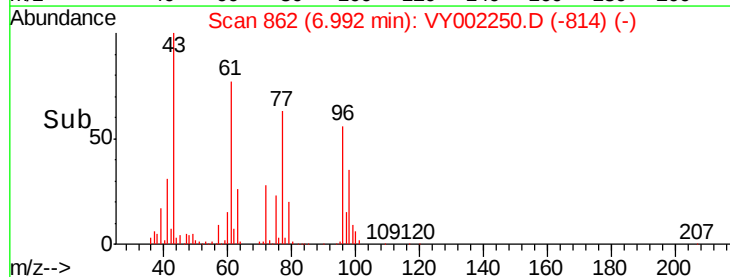
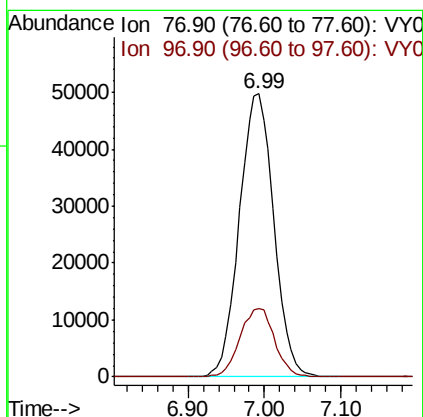
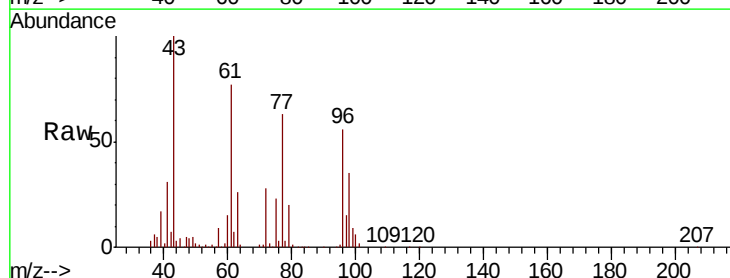
Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

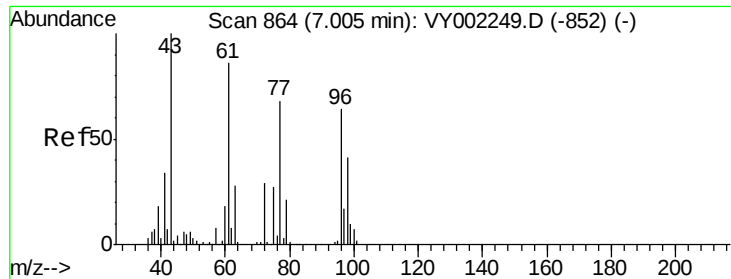
Tot Ion: 43 Resp: 210952
Ion Ratio Lower Upper
43 100
72 28.9 23.2 34.8



#26
2,2-Dichloropropane
Concen: 49.275 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 77 Resp: 155624
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6

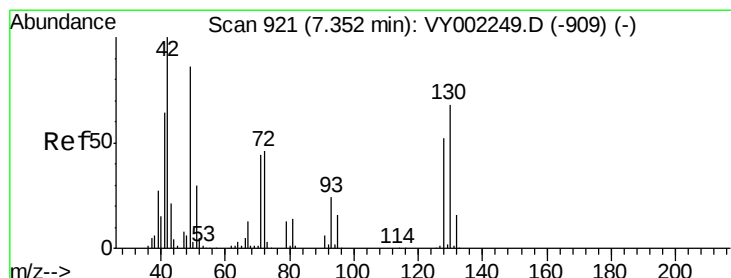
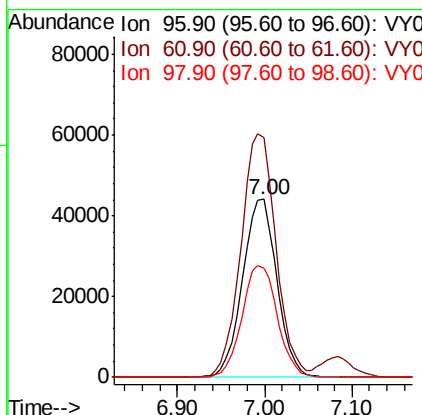
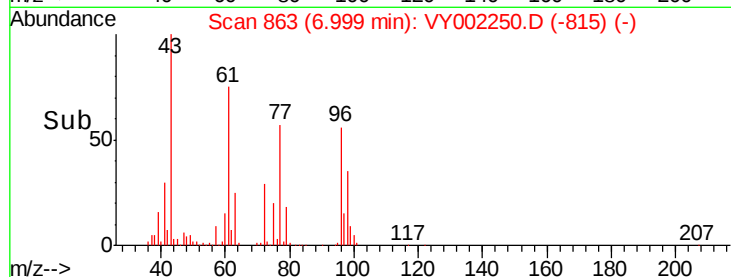
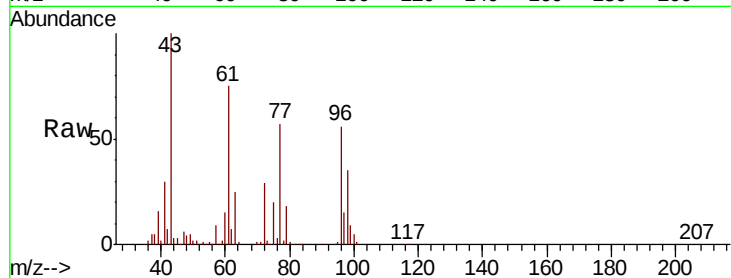




#27
 cis-1,2-Dichloroethene
 Concen: 48.186 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

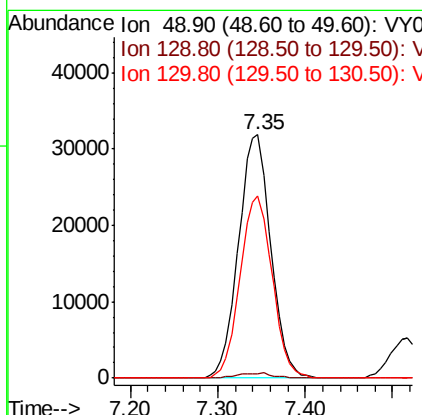
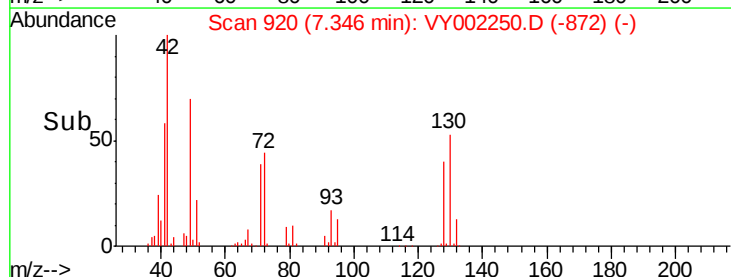
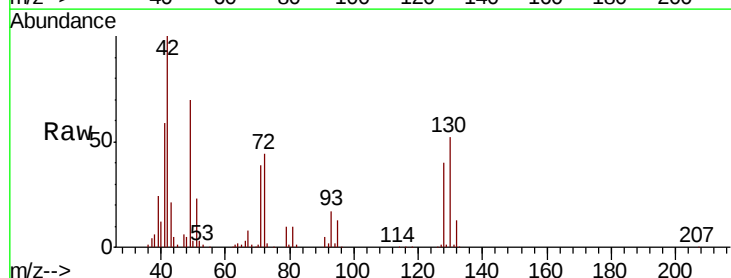
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

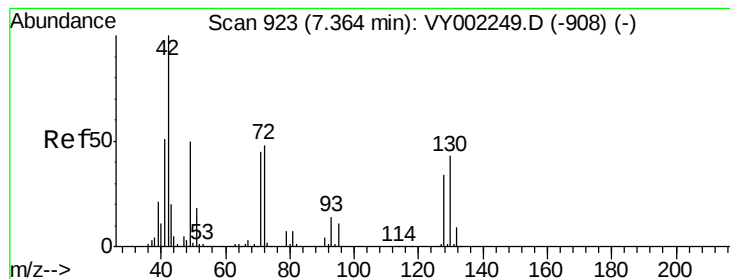
Tot Ion: 96 Resp: 120427
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 278.0
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.109 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion: 49 Resp: 81668
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 74.7 60.9 91.3





#29

Tetrahydrofuran

Concen: 258.365 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

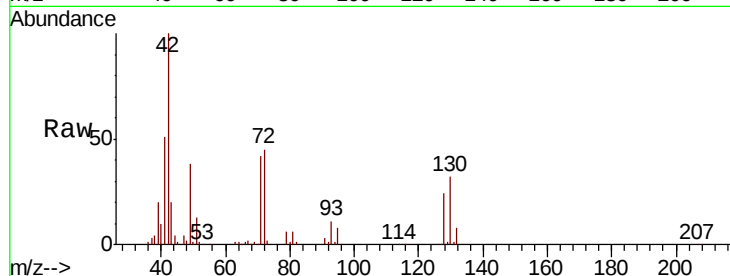
Tot Ion: 42 Resp: 133914

Ion Ratio Lower Upper

42 100

72 44.9 36.7 55.1

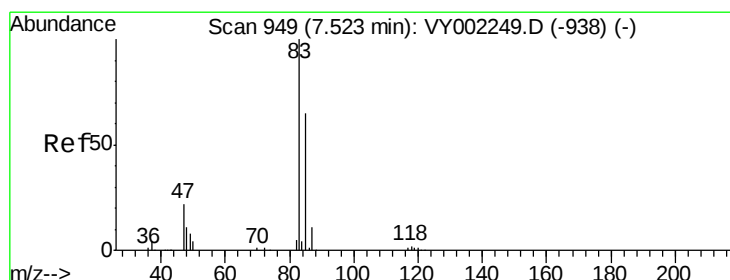
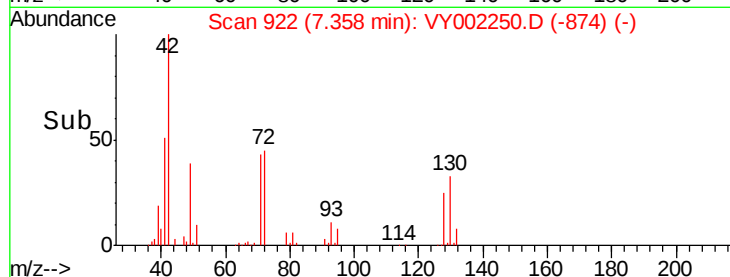
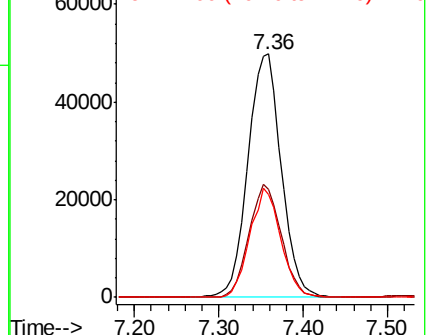
71 41.5 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 49.585 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002250.D

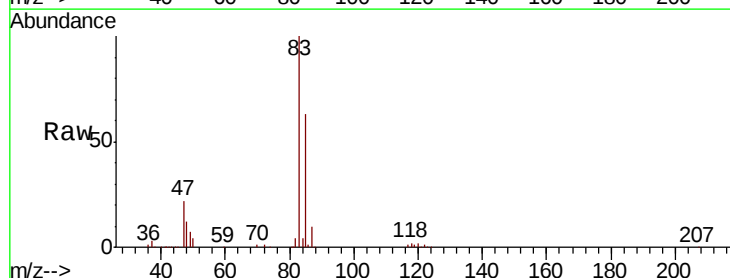
Acq: 08 Apr 2020 14:34

Tgt Ion: 83 Resp: 176472

Ion Ratio Lower Upper

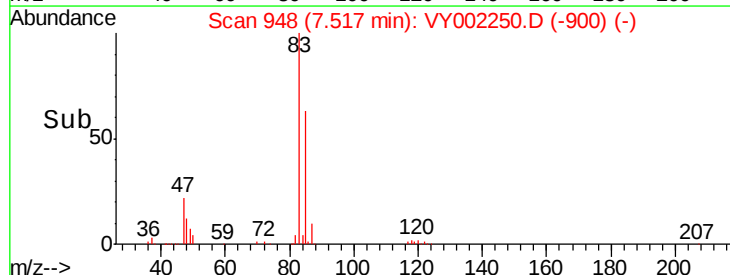
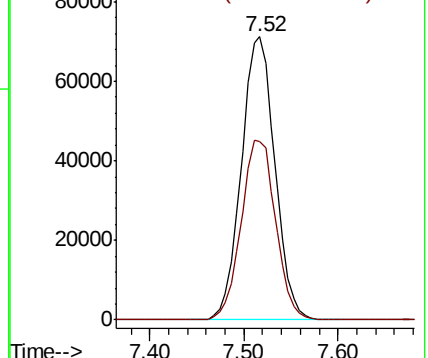
83 100

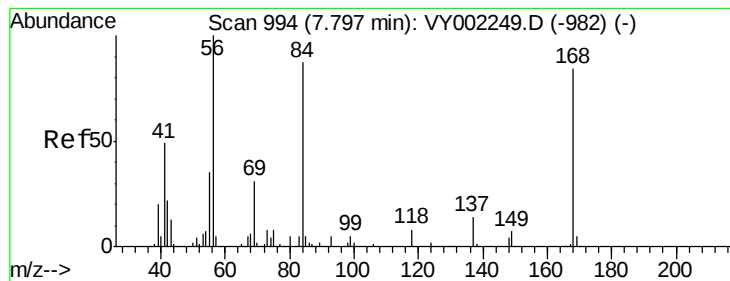
85 63.0 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 47.975 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

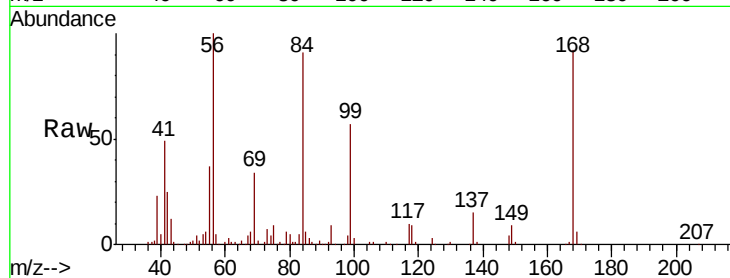
Tot Ion: 56 Resp: 190132

Ion Ratio Lower Upper

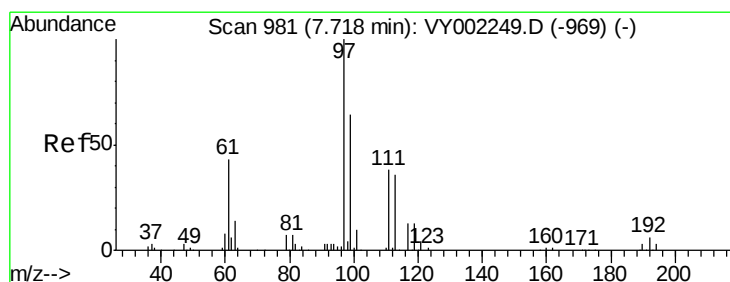
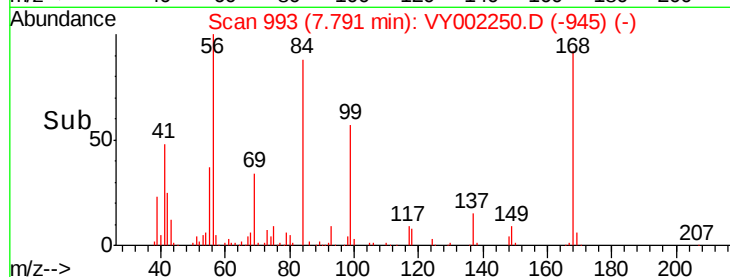
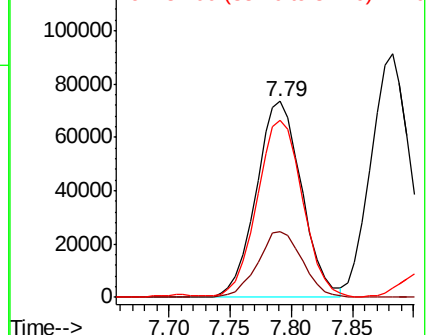
56 100

69 33.6 25.0 37.6

84 89.6 69.7 104.5



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: 50.590 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

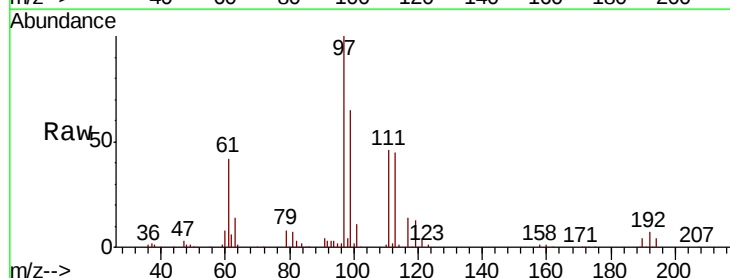
Tgt Ion: 97 Resp: 149862

Ion Ratio Lower Upper

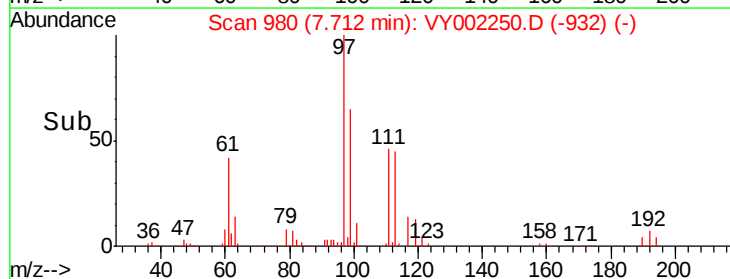
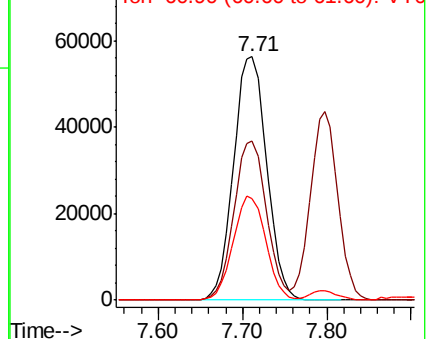
97 100

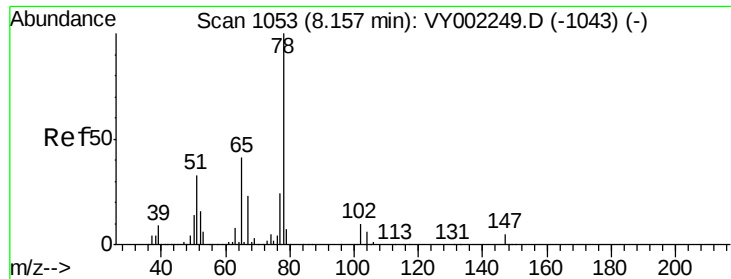
99 64.3 51.3 76.9

61 42.1 34.3 51.5



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

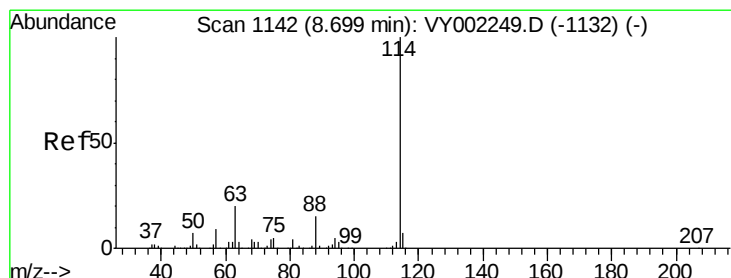
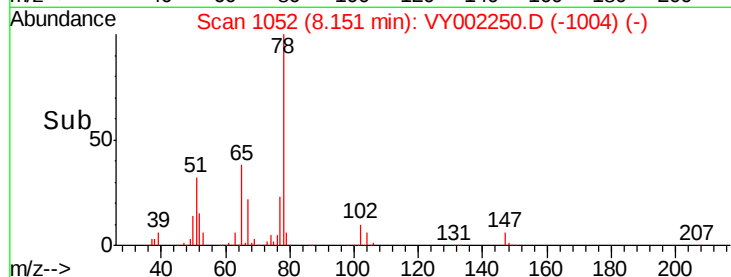
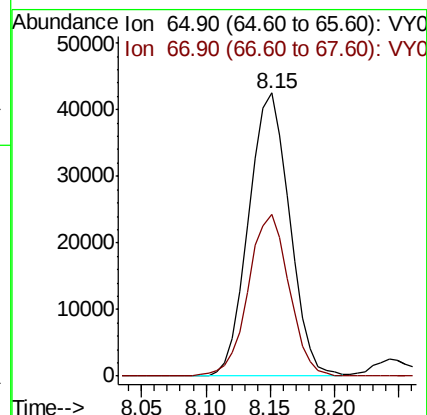
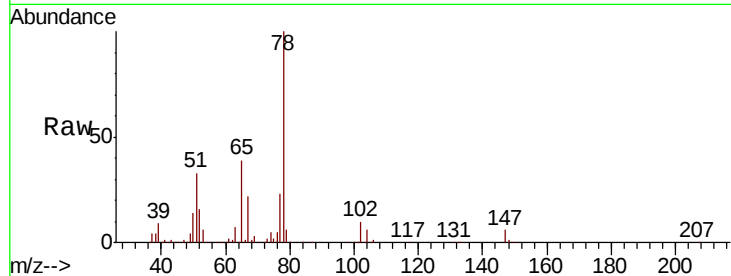




#33
 1,2-Dichloroethane-d4
 Concen: 49.779 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

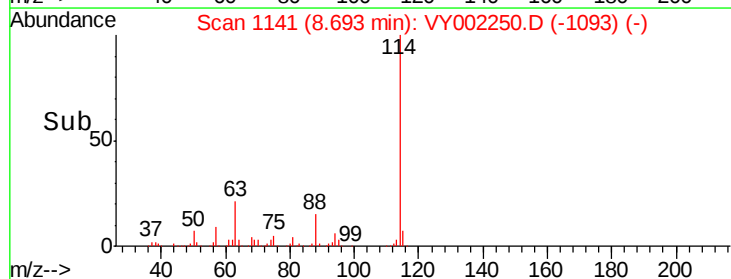
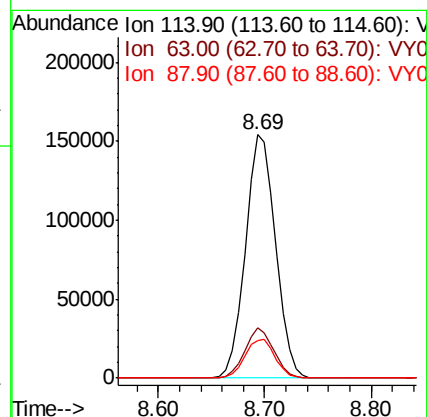
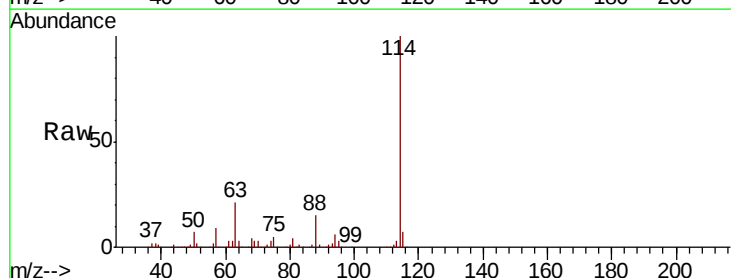
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

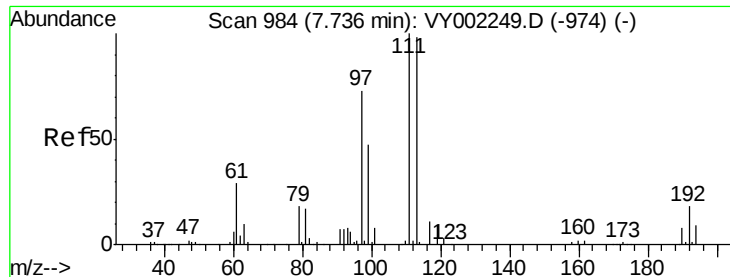
Tot Ion: 65 Resp: 93643
 Ion Ratio Lower Upper
 65 100
 67 56.8 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion: 114 Resp: 306383
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.278 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040820

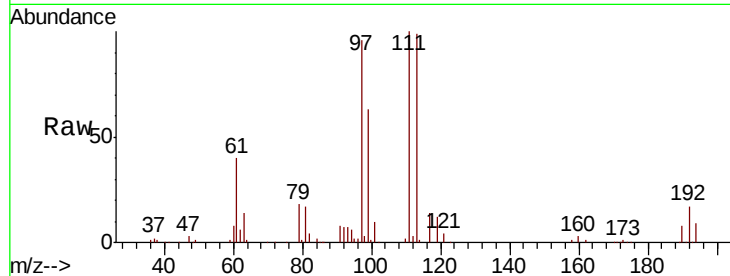
Tot Ion:113 Resp: 91660

Ion Ratio Lower Upper

113 100

111 103.6 83.5 125.3

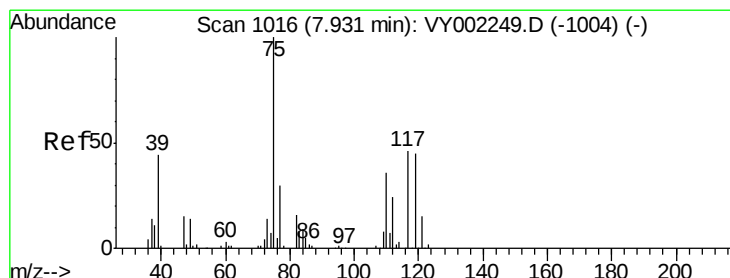
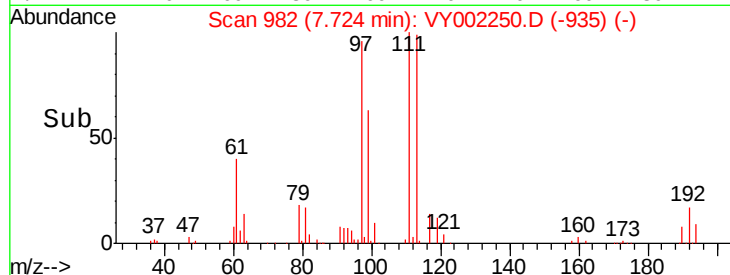
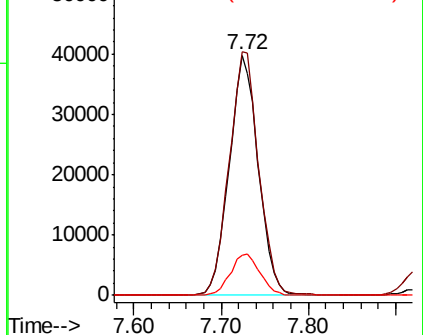
192 17.7 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.698 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

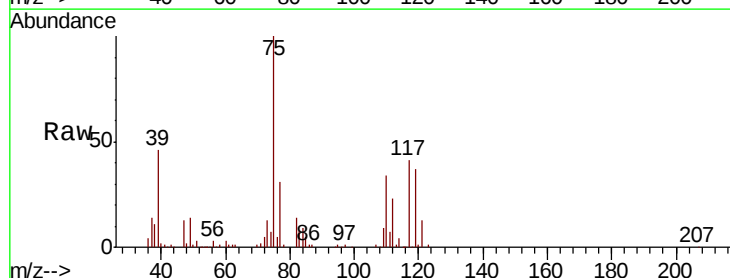
Tgt Ion: 75 Resp: 149979

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.3

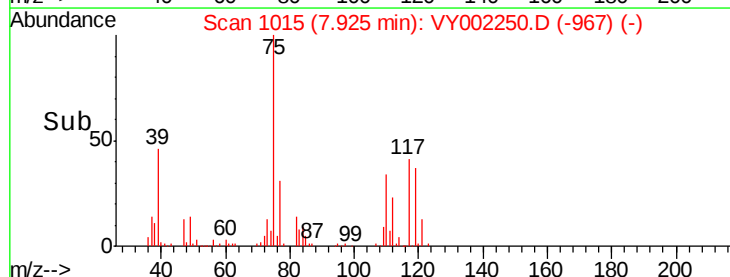
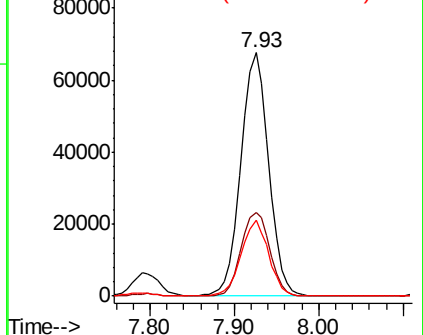
77 30.9 24.4 36.6

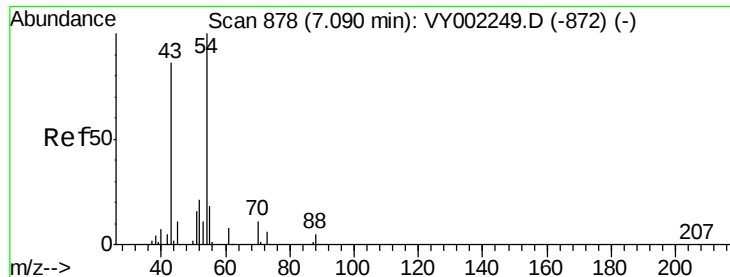


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

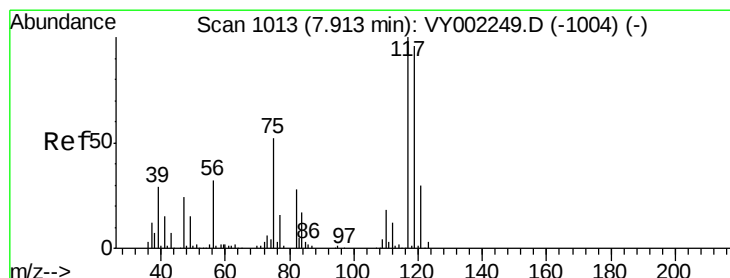
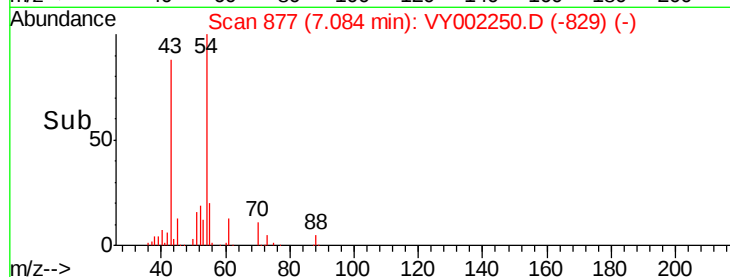
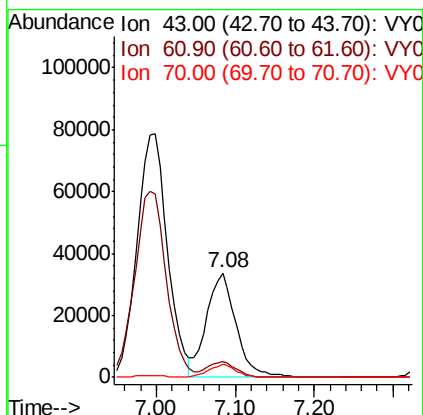
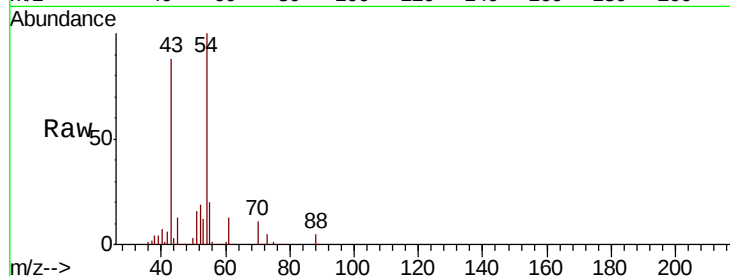




#37
Ethyl Acetate
Concen: 51.072 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

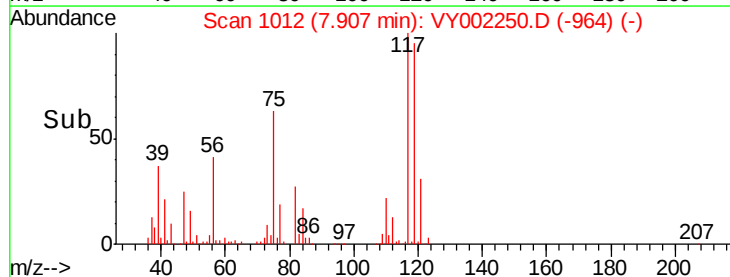
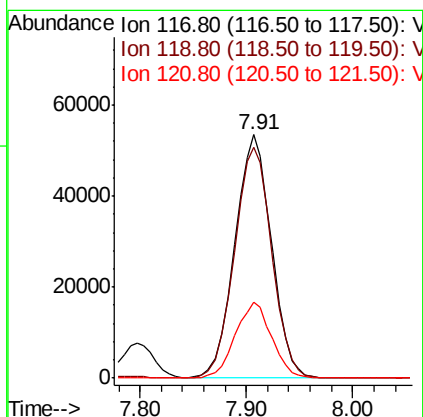
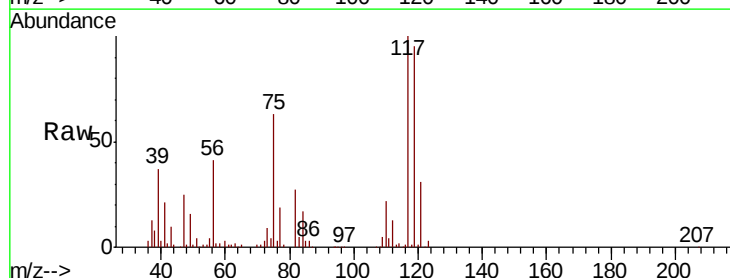
Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

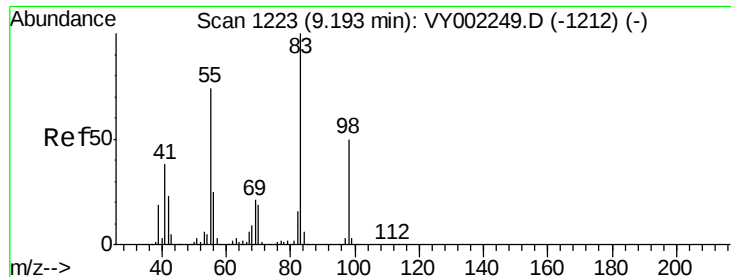
Tot Ion: 43 Resp: 88050
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.961 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 117 Resp: 128966
Ion Ratio Lower Upper
117 100
119 94.9 77.1 115.7
121 31.1 23.9 35.9

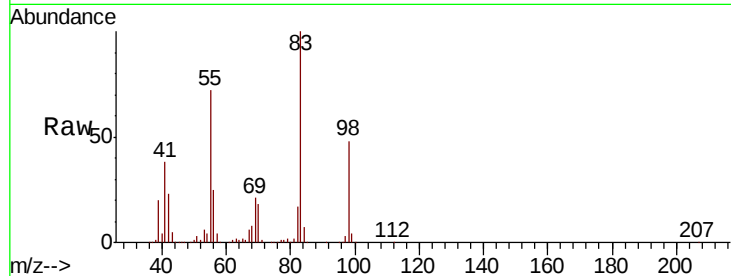




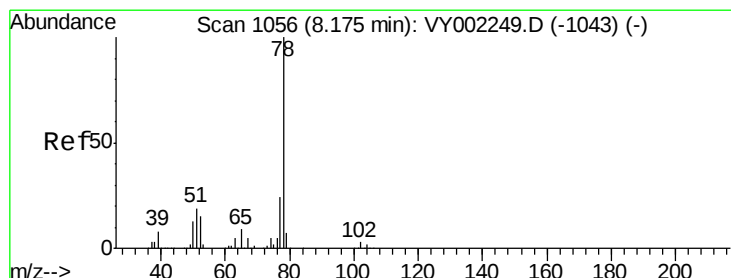
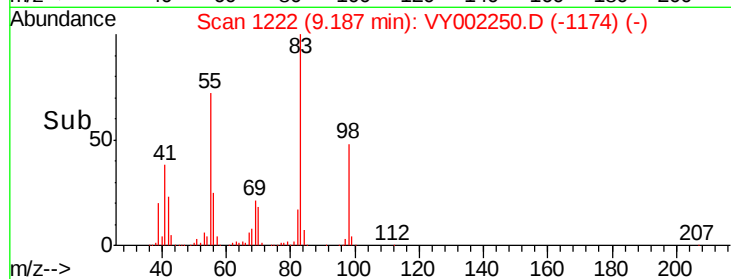
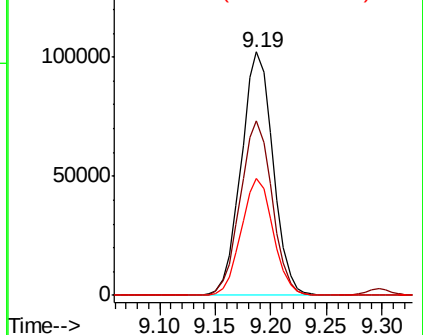
#39
Methvlcvclohexane
Concen: 49.649 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion: 83 Resp: 203818
Ion Ratio Lower Upper
83 100
55 71.9 59.3 88.9
98 48.3 39.6 59.4

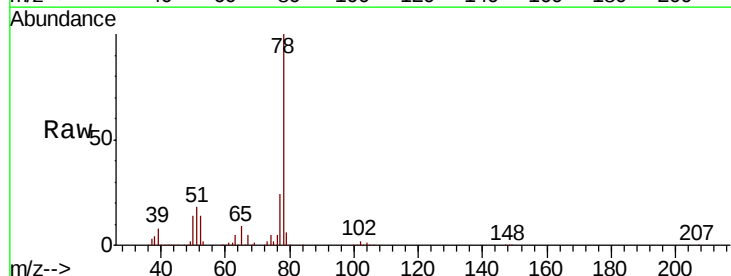


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

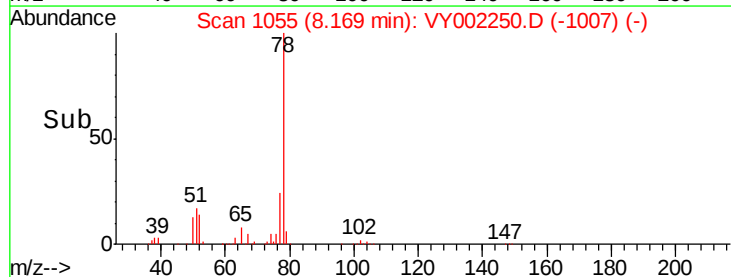
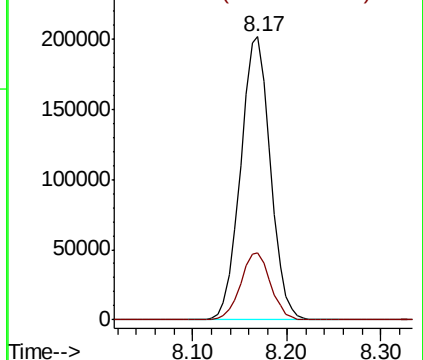


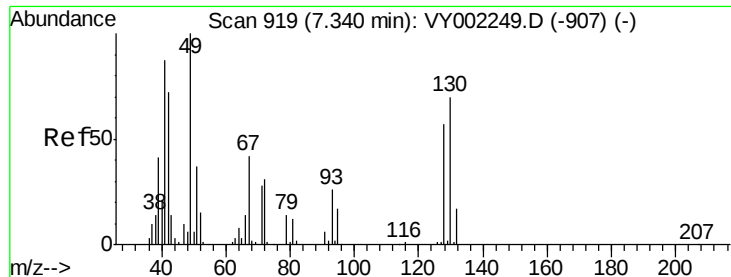
#40
Benzene
Concen: 48.740 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 78 Resp: 446265
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



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

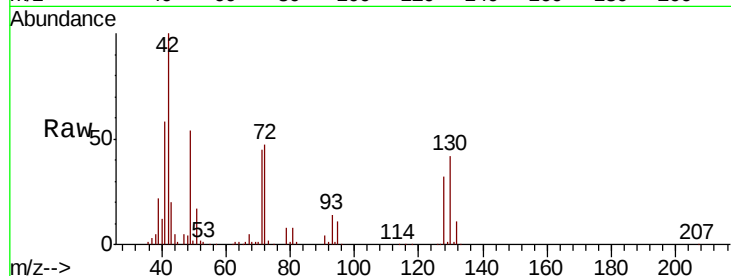




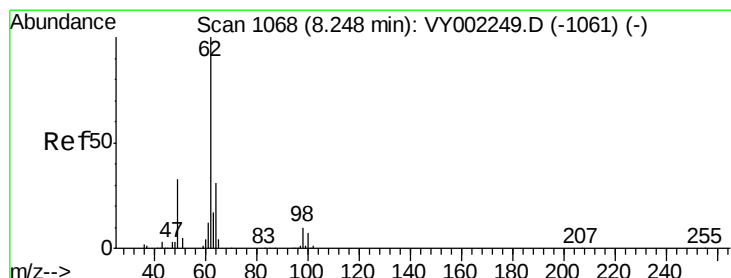
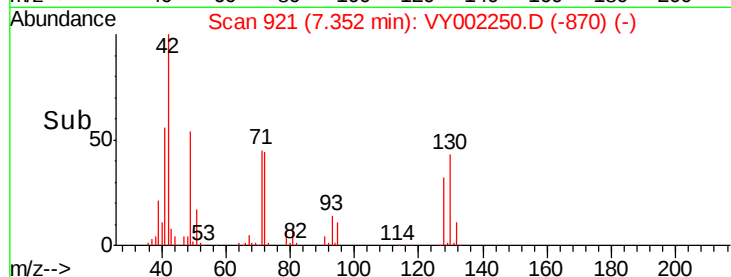
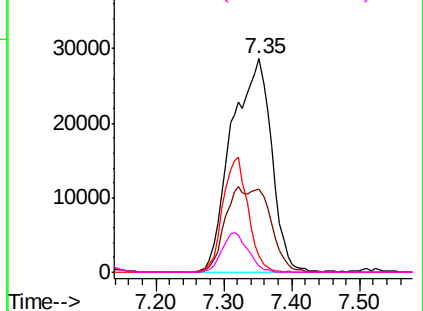
#41
Methacrylonitrile
Concen: 115.184 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040820

Tot Ion:	41	Resp:	117145
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

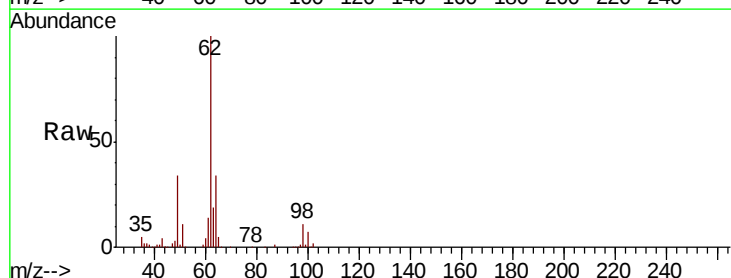


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

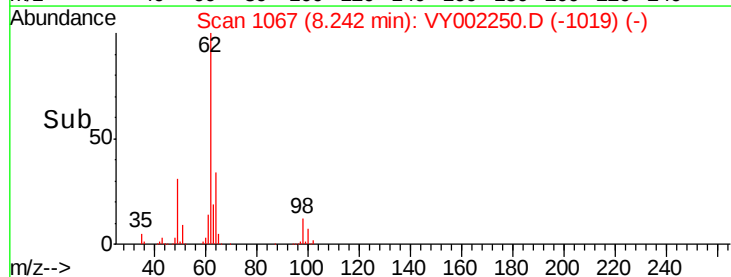
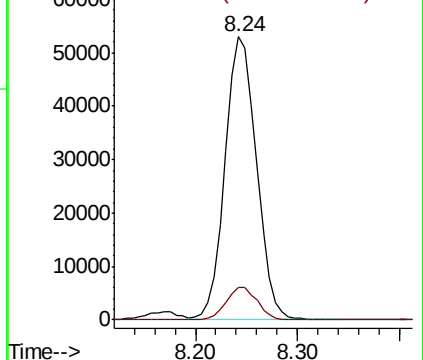


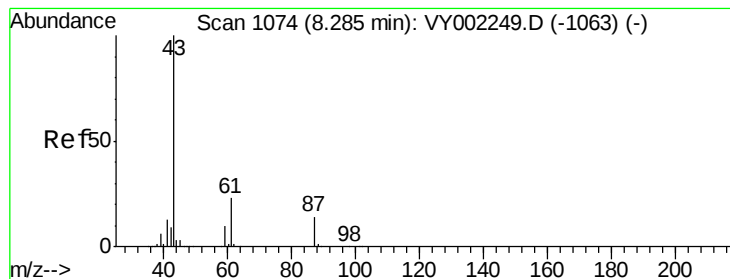
#42
1,2-Dichloroethane
Concen: 50.000 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion:	62	Resp:	113404
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 51.819 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

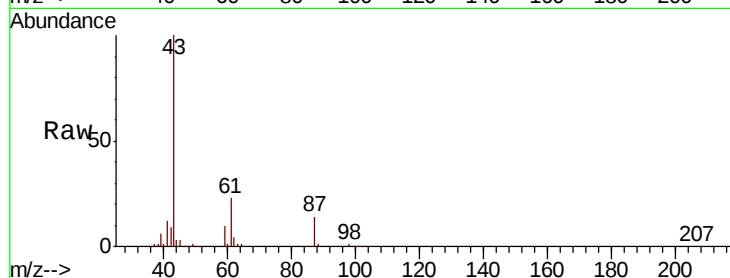
Tot Ion: 43 Resp: 162932

Ion Ratio Lower Upper

43 100

61 30.6 24.9 37.3

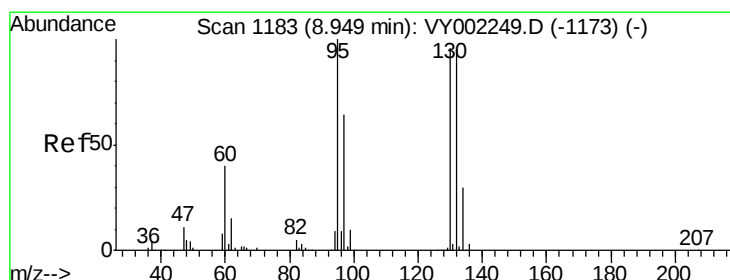
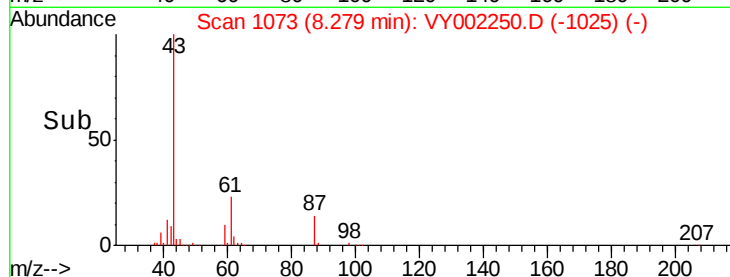
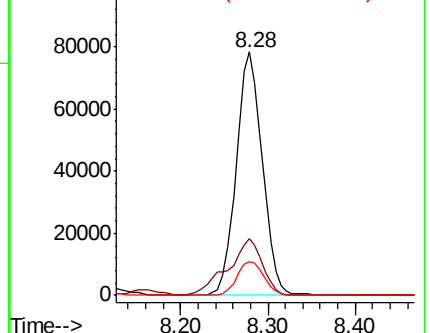
87 14.4 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002249.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002249.D (-1063) (-)



#44

Trichloroethene

Concen: 48.710 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002250.D

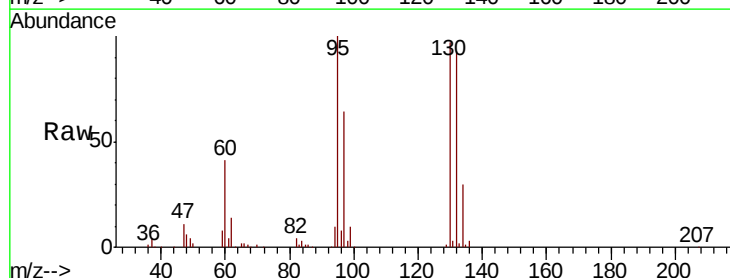
Acq: 08 Apr 2020 14:34

Tgt Ion:130 Resp: 131125

Ion Ratio Lower Upper

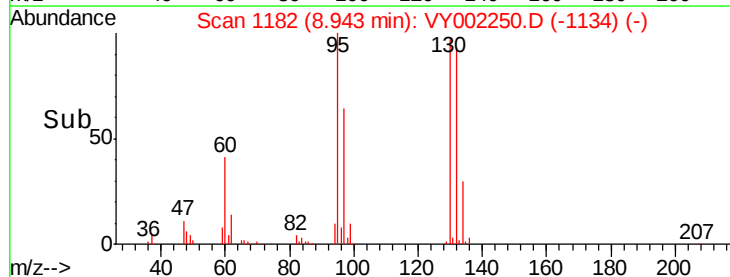
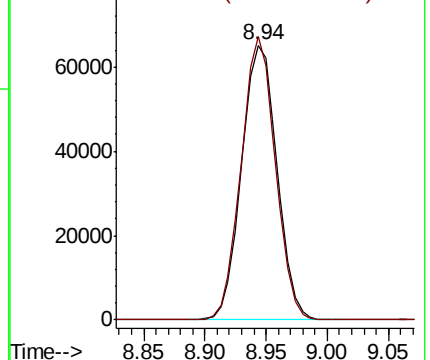
130 100

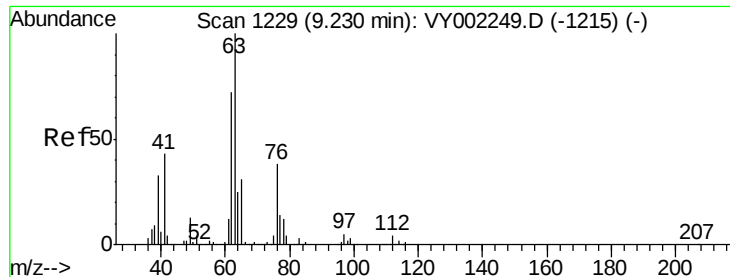
95 102.9 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 50.095 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

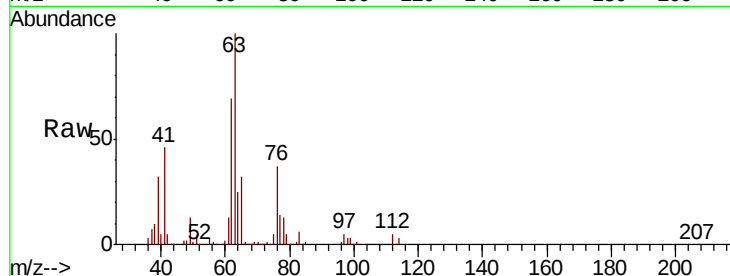
ICVY040820

Tot Ion: 63 Resp: 113806

Ion Ratio Lower Upper

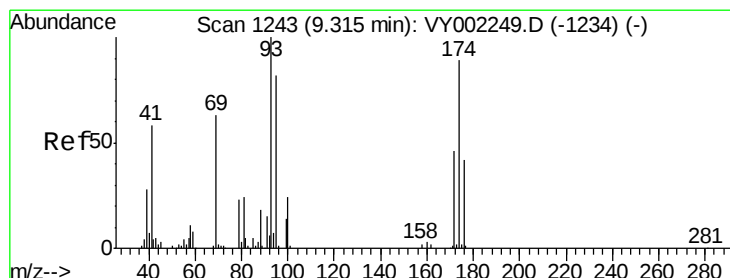
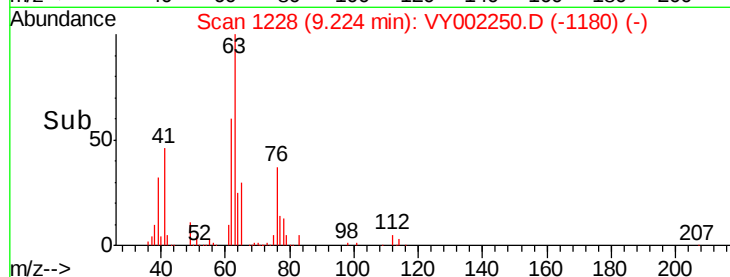
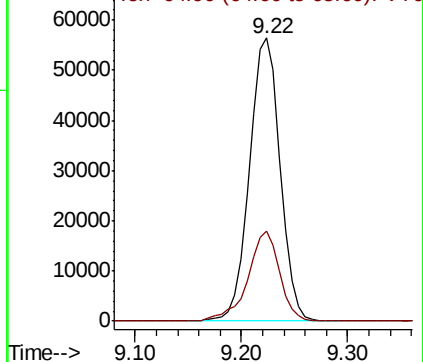
63 100

65 31.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 49.863 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

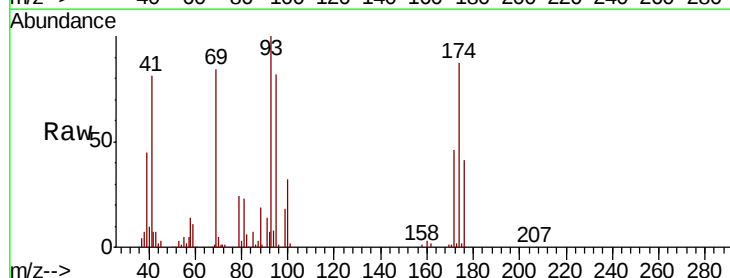
Tgt Ion: 93 Resp: 59228

Ion Ratio Lower Upper

93 100

95 83.4 67.3 100.9

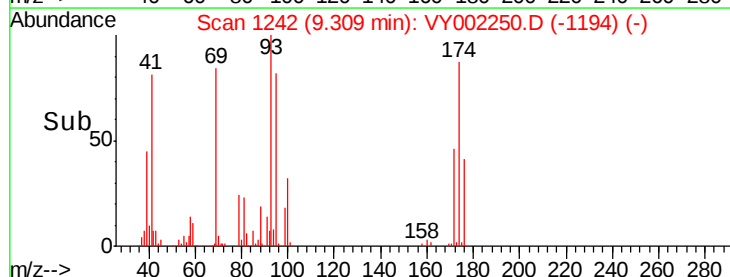
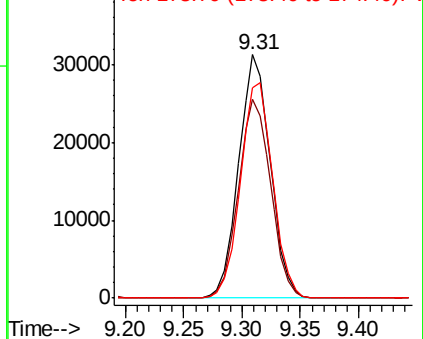
174 90.0 72.5 108.7

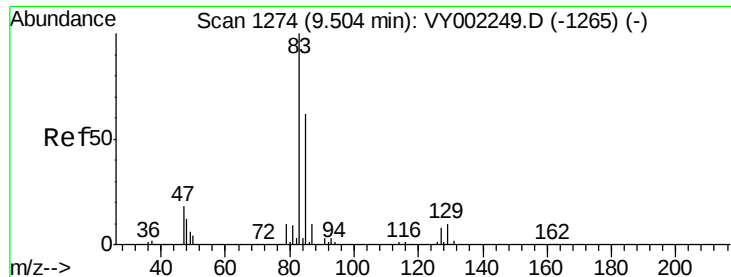


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

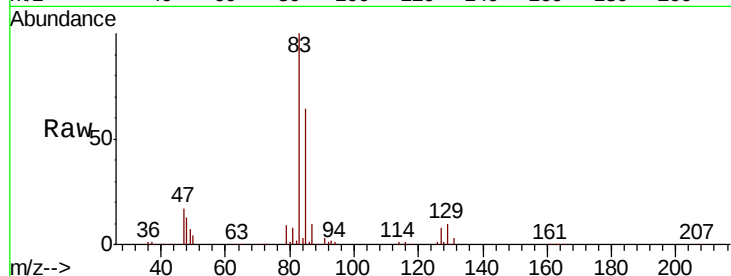




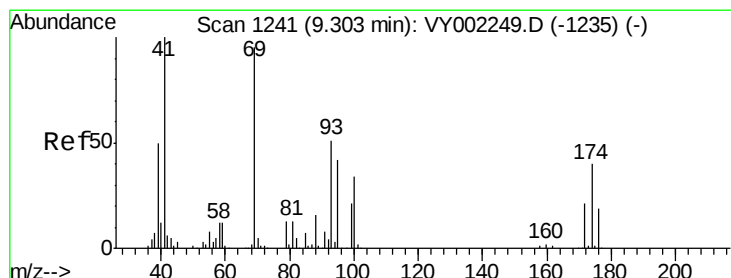
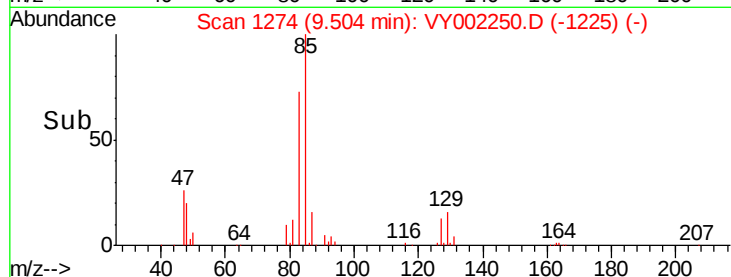
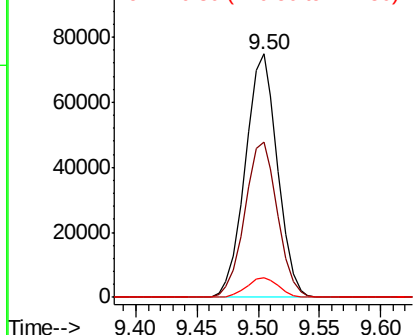
#47
Bromodichloromethane
Concen: 50.161 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion: 83 Resp: 136713
Ion Ratio Lower Upper
83 100
85 63.7 49.7 74.5
127 8.2 6.2 9.4

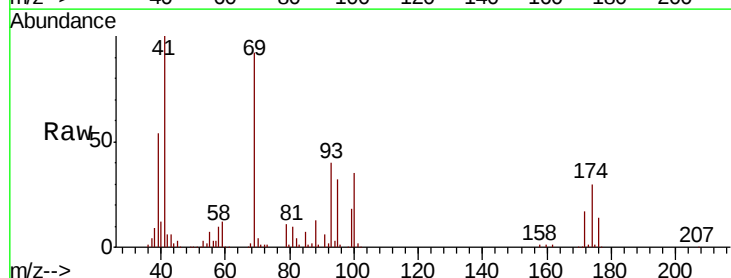


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

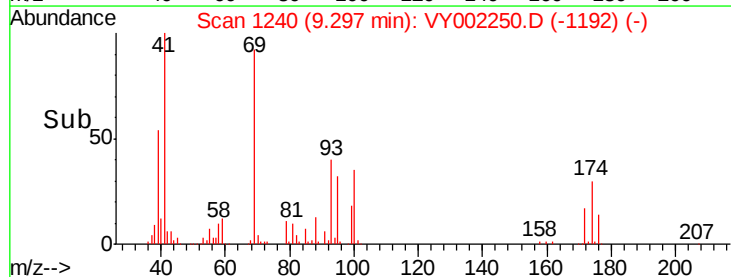
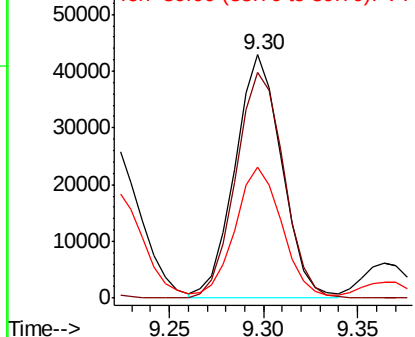


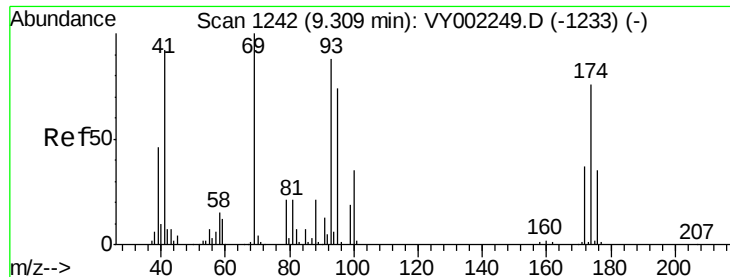
#48
Methyl methacrylate
Concen: 52.586 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 41 Resp: 74138
Ion Ratio Lower Upper
41 100
69 94.4 76.7 115.1
39 53.9 40.5 60.7



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

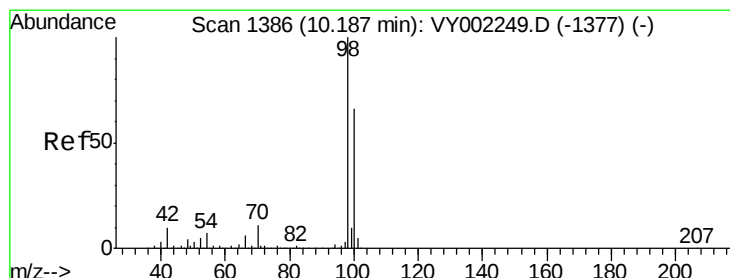
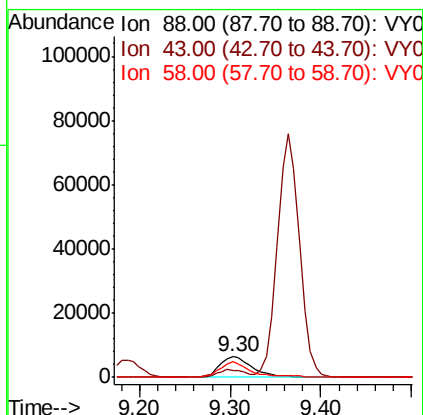
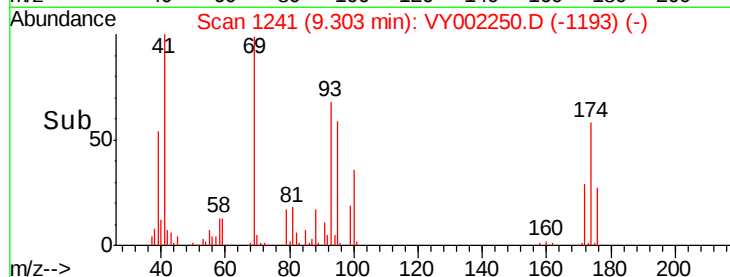
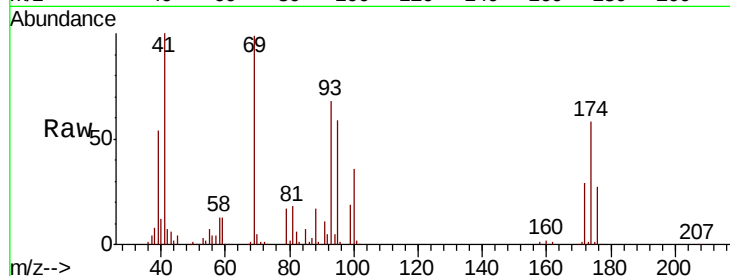




#49
1,4-Dioxane
Concen: 973.134 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

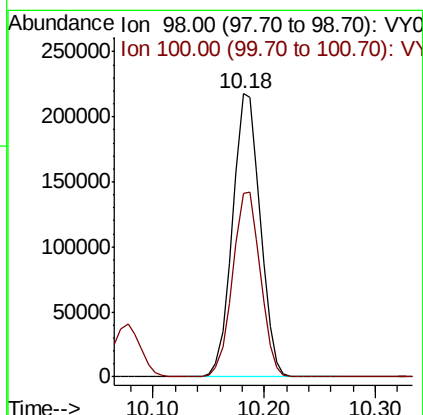
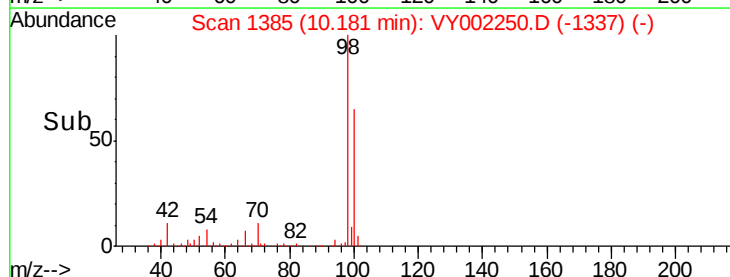
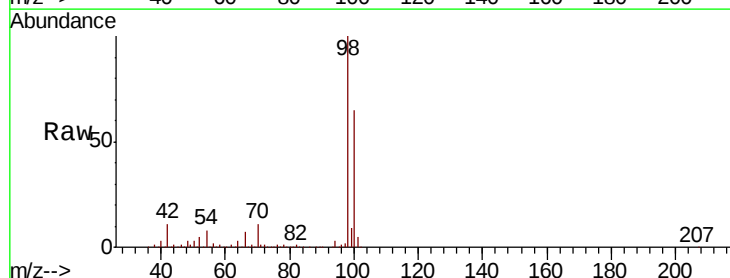
Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

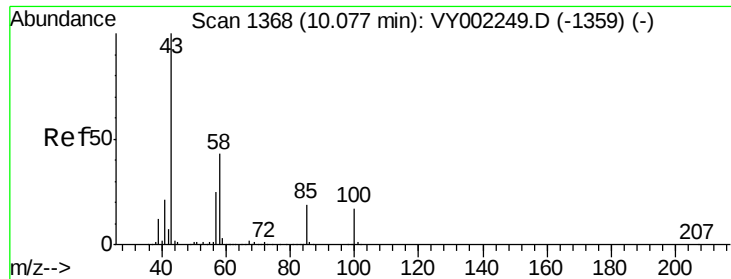
Tot Ion: 88 Resp: 16351
Ion Ratio Lower Upper
88 100
43 32.6 22.2 33.2
58 71.7 57.6 86.4



#50
Toluene-d8
Concen: 49.141 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 98 Resp: 374982
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

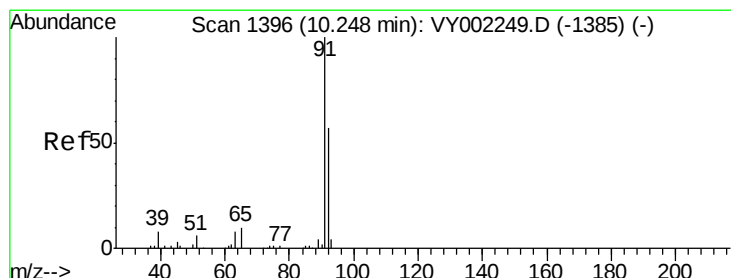
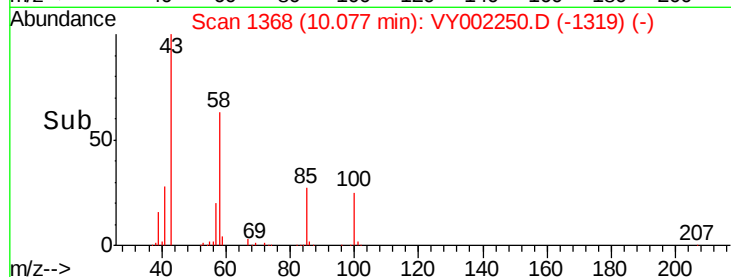
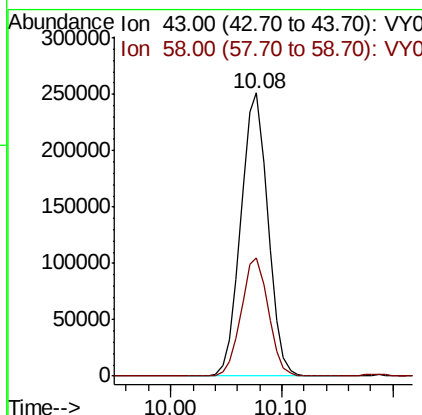
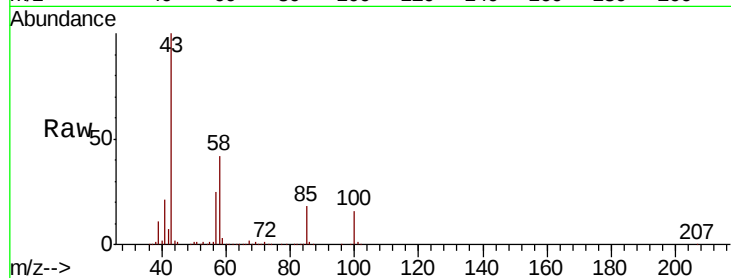




#51
 4-Methyl-2-Pentanone
 Concen: 259.386 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

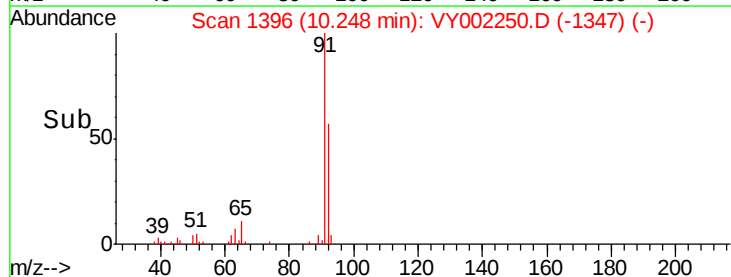
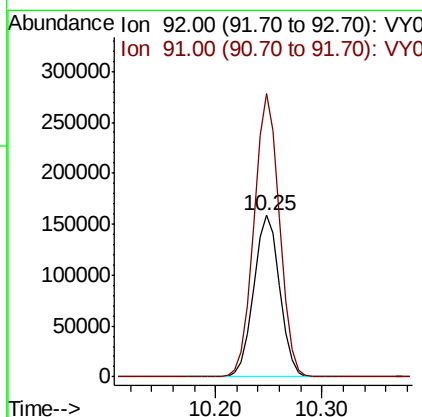
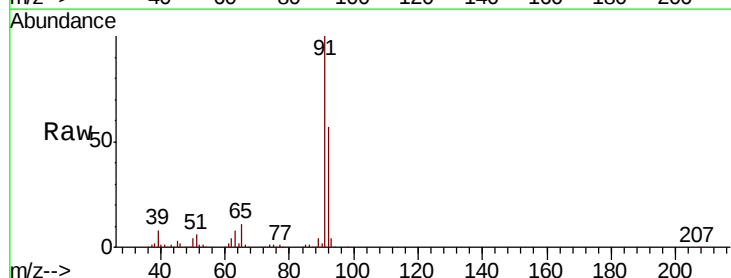
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

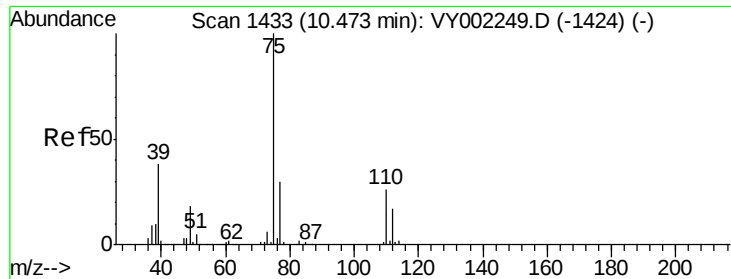
Tot Ion: 43 Resp: 424979
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.8 50.8



#52
 Toluene
 Concen: 49.151 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion: 92 Resp: 271211
 Ion Ratio Lower Upper
 92 100
 91 172.1 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 51.885 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampled :

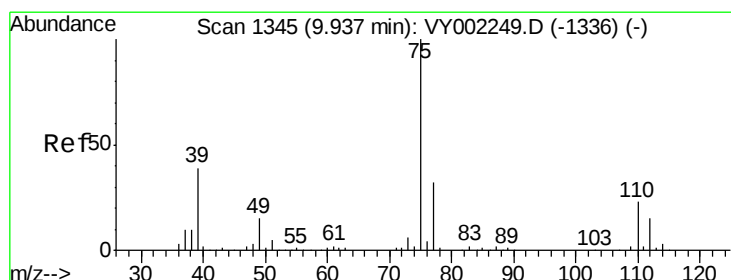
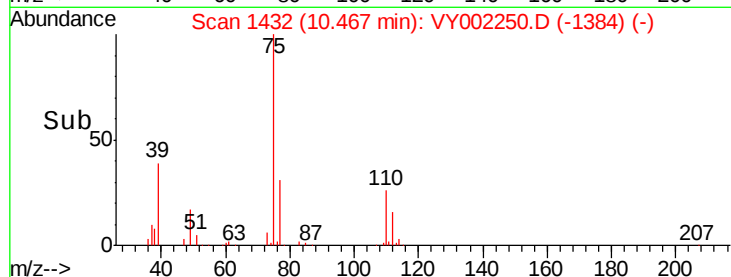
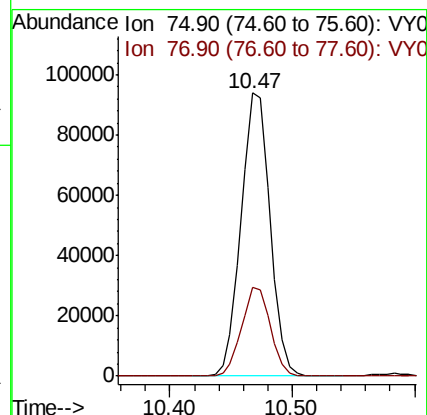
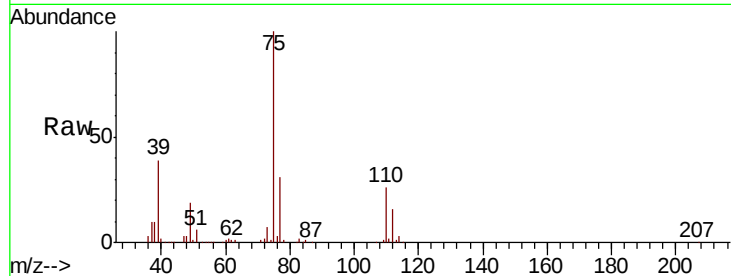
ICVY040820

Tot Ion: 75 Resp: 154076

Ion Ratio Lower Upper

75 100

77 31.3 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 50.516 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

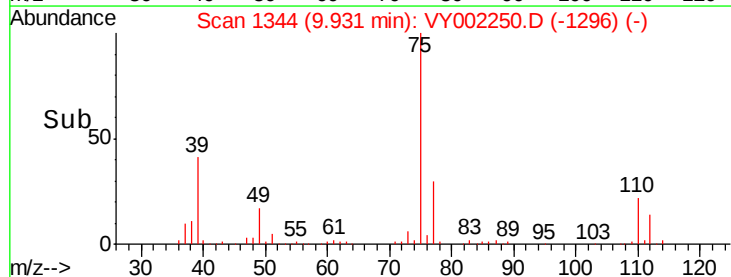
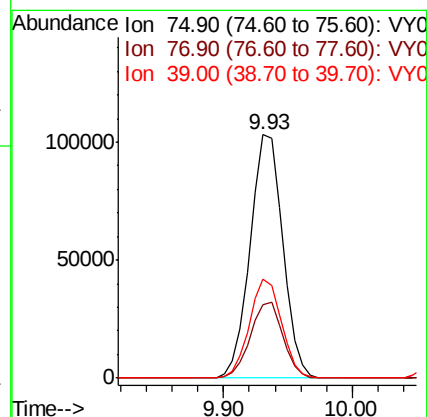
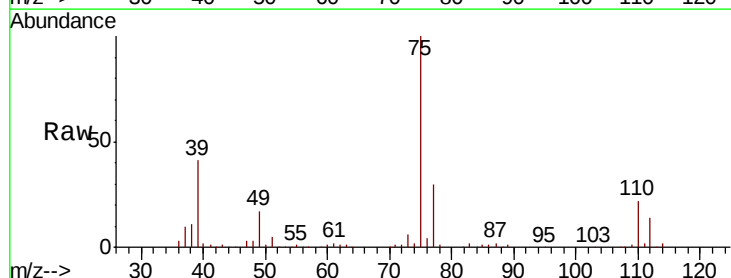
Tgt Ion: 75 Resp: 180348

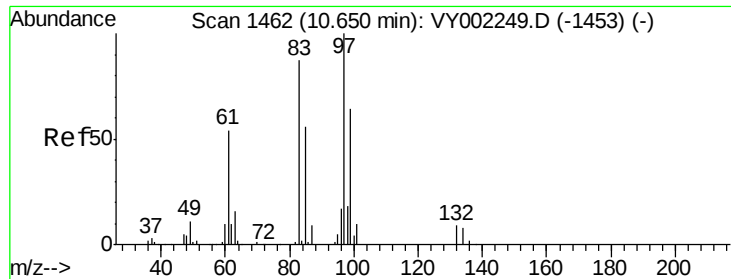
Ion Ratio Lower Upper

75 100

77 30.0 25.8 38.8

39 40.9 30.8 46.2

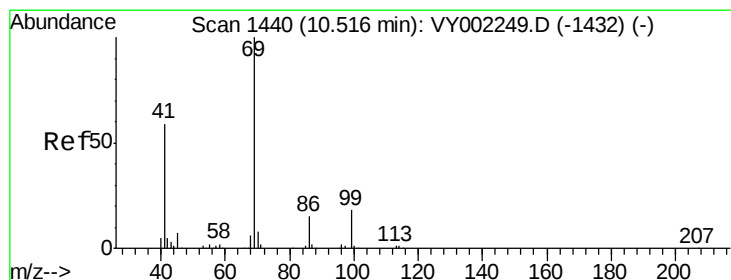
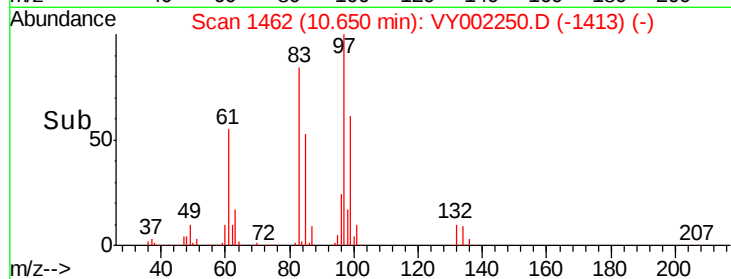
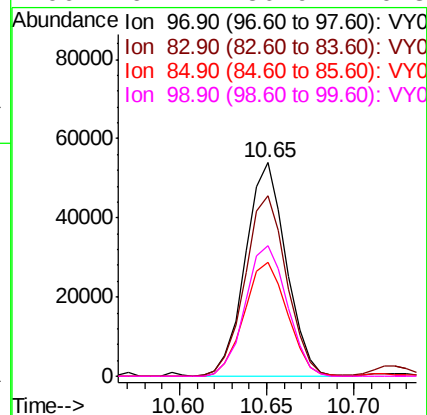
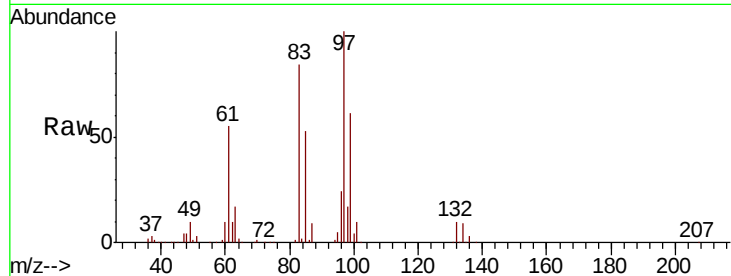




#55
 1,1,2-Trichloroethane
 Concen: 50.153 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

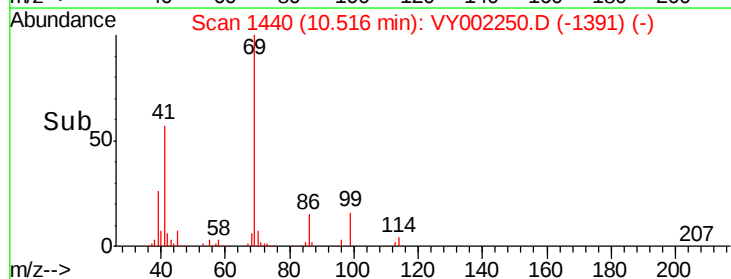
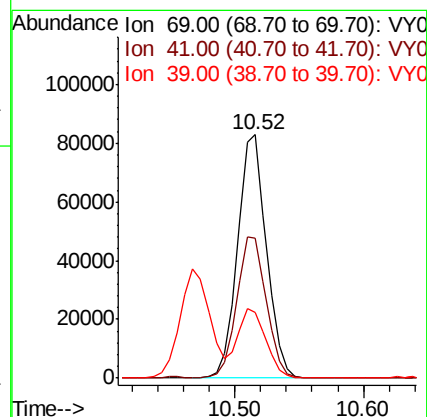
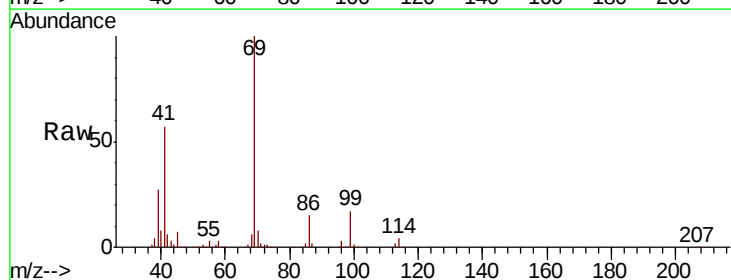
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

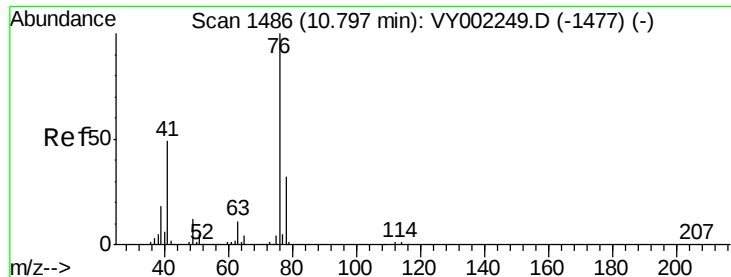
Tot Ion:	97	Resp:	87218
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.5	104.3
85	53.5	45.2	67.8
99	61.4	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 51.863 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion:	69	Resp:	128726
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.9	71.9
39	28.5	23.8	35.6





#57

1,3-Dichloropropane

Concen: 50.180 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

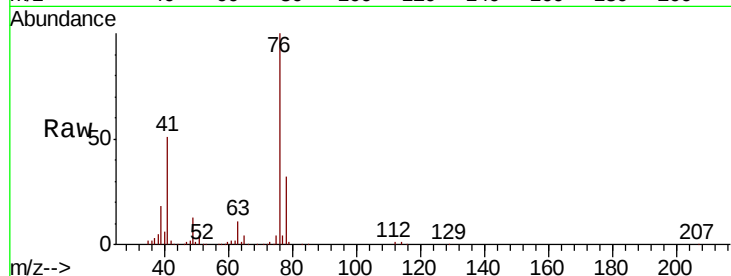
ICVVY040820

Tot Ion: 76 Resp: 153385

Ion Ratio Lower Upper

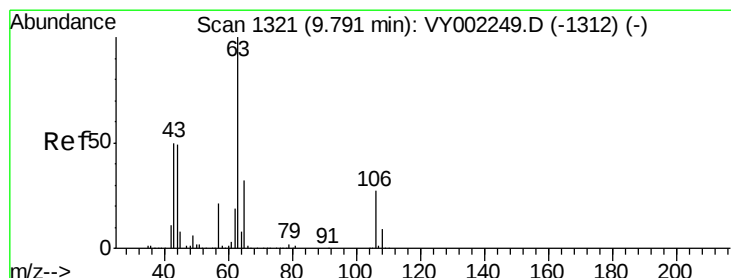
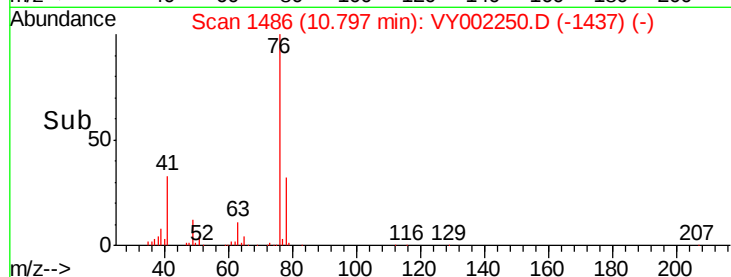
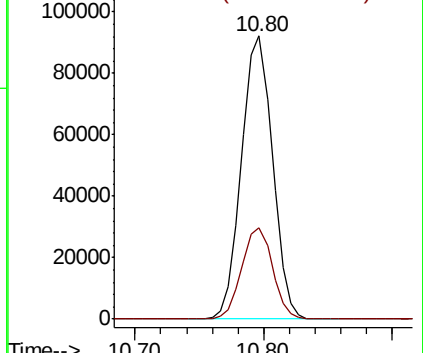
76 100

78 32.0 25.8 38.6



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: 254.909 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY002250.D

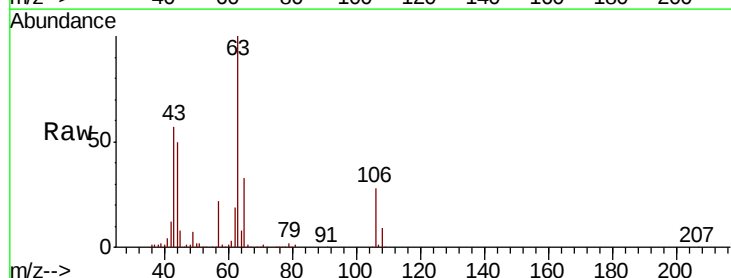
Acq: 08 Apr 2020 14:34

Tgt Ion: 63 Resp: 327636

Ion Ratio Lower Upper

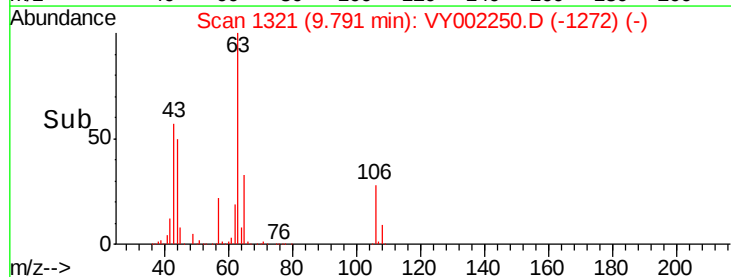
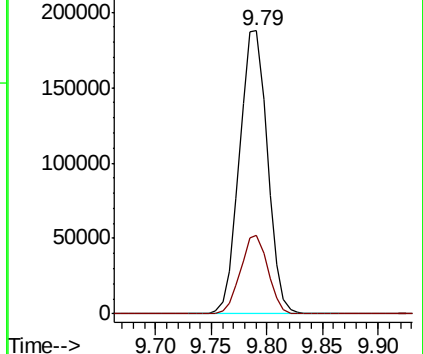
63 100

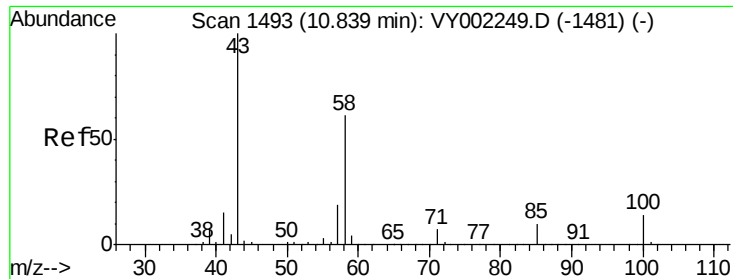
106 27.2 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

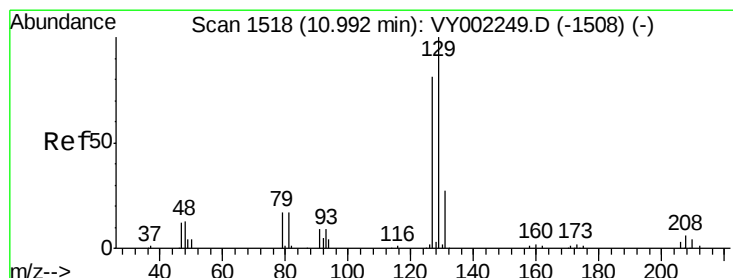
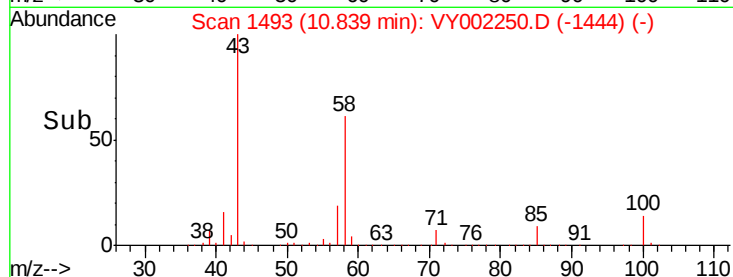
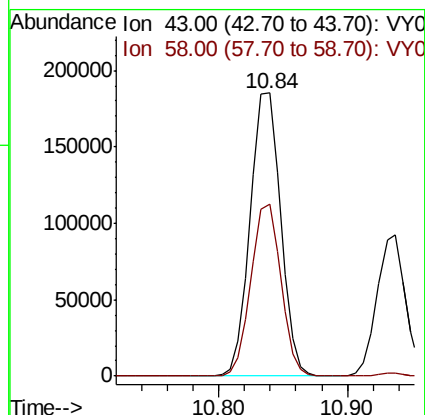
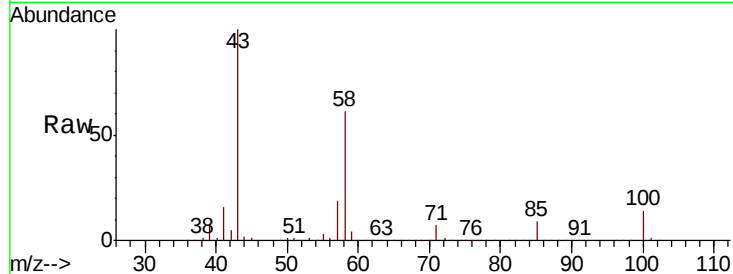




#59
2-Hexanone
Concen: 266.572 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

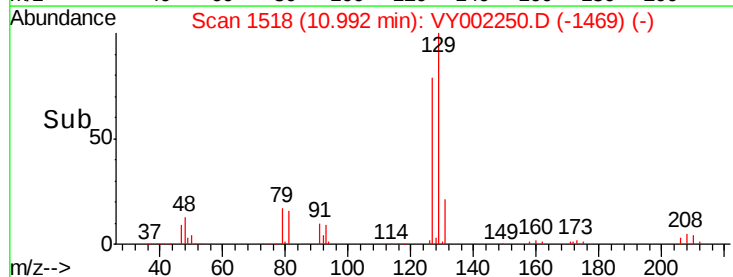
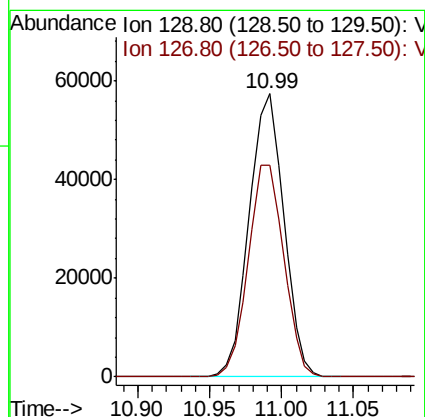
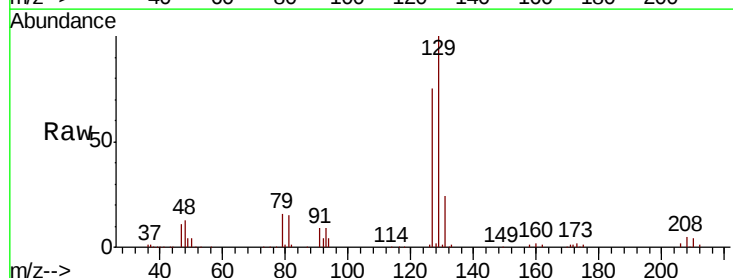
Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

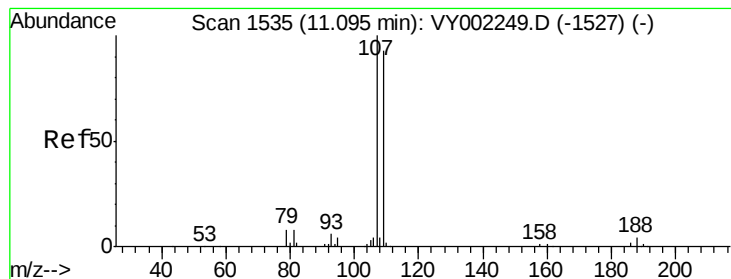
Tot Ion: 43 Resp: 303119
Ion Ratio Lower Upper
43 100
58 59.6 29.8 89.3



#60
Dibromochloromethane
Concen: 51.547 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 129 Resp: 95585
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.424 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

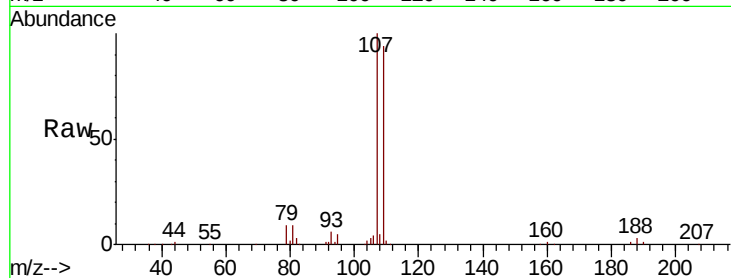
ICVY040820

Tot Ion:107 Resp: 83481

Ion Ratio Lower Upper

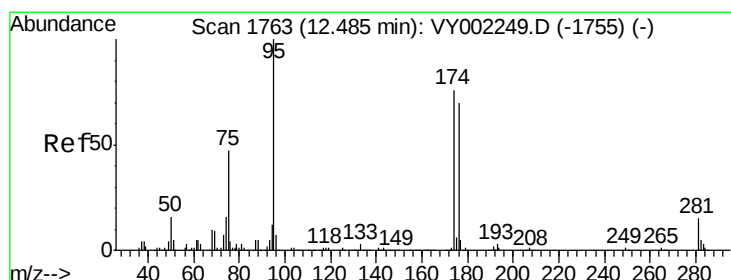
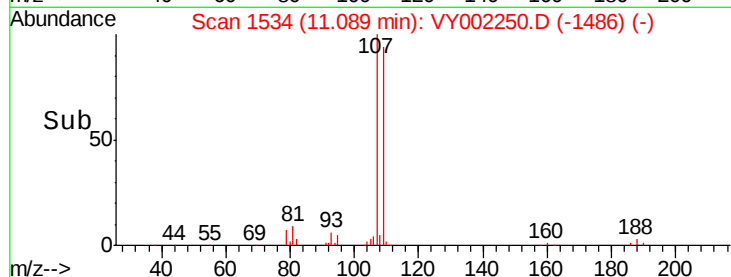
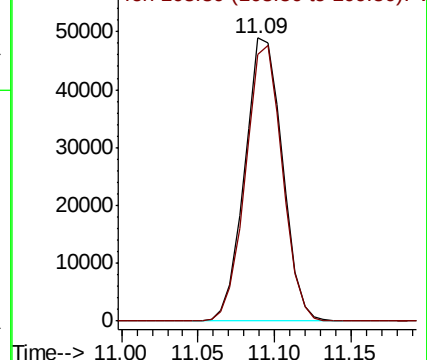
107 100

109 95.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.254 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

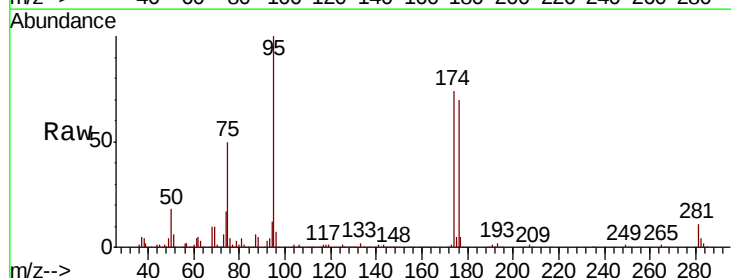
Tgt Ion: 95 Resp: 126513

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.6

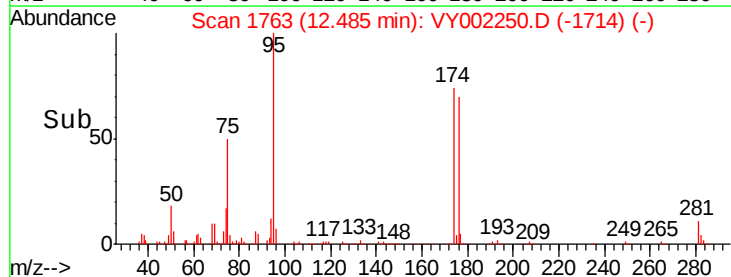
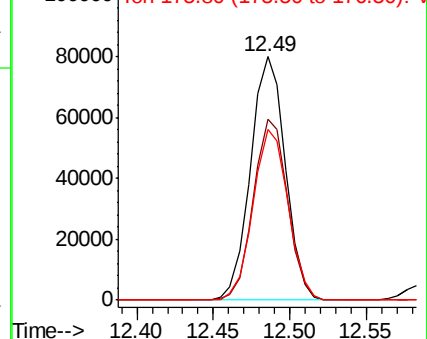
176 70.4 0.0 141.4

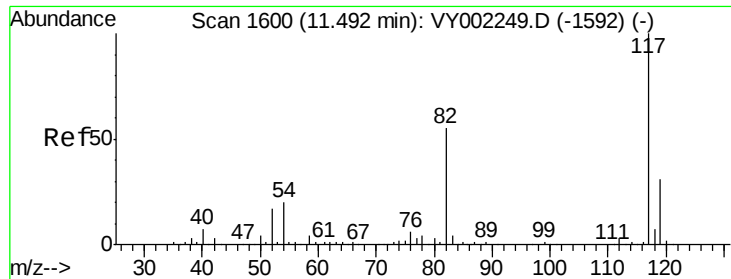


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

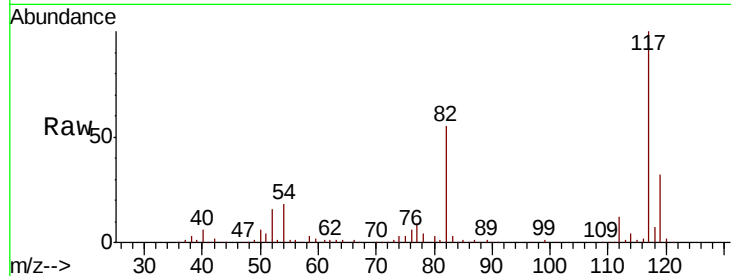




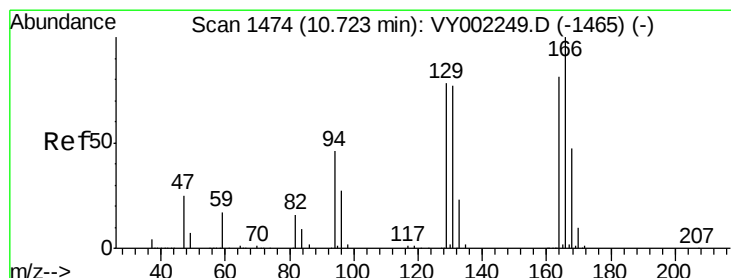
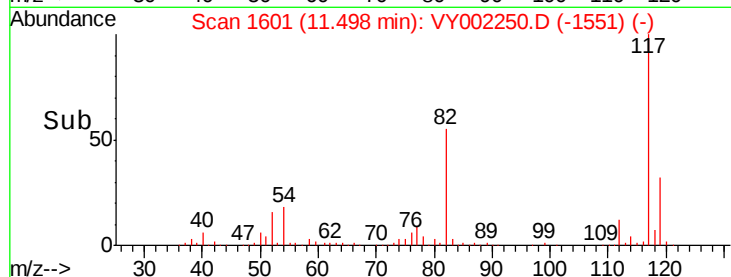
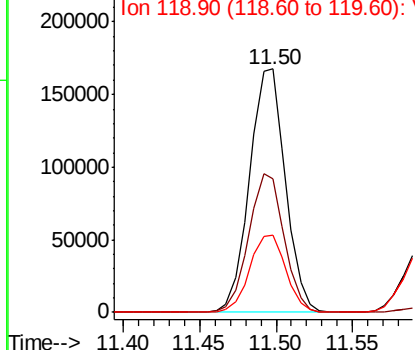
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040820

Tot Ion:117 Resp: 273534
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.4
119 31.6 25.1 37.7

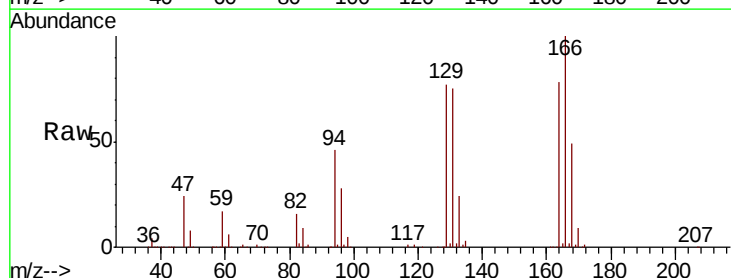


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

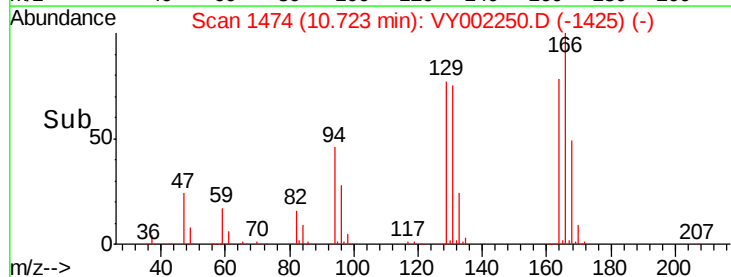
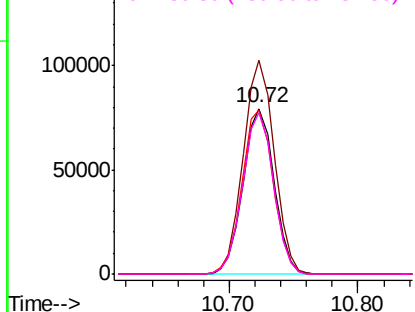


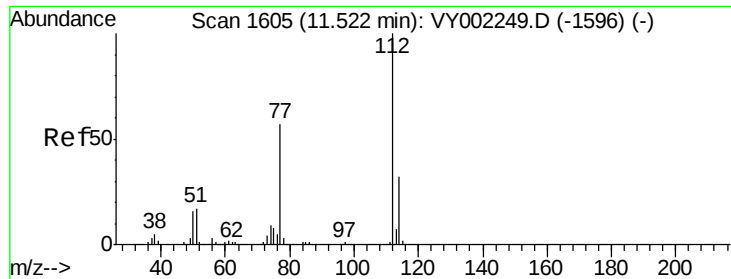
#64
Tetrachloroethene
Concen: 47.692 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion:164 Resp: 131891
Ion Ratio Lower Upper
164 100
166 129.0 98.4 147.6
129 99.2 76.6 115.0
131 97.1 75.4 113.2



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

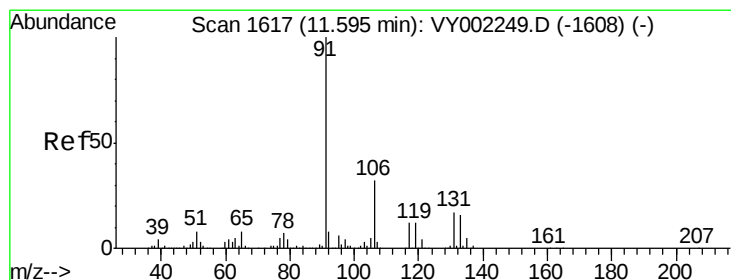
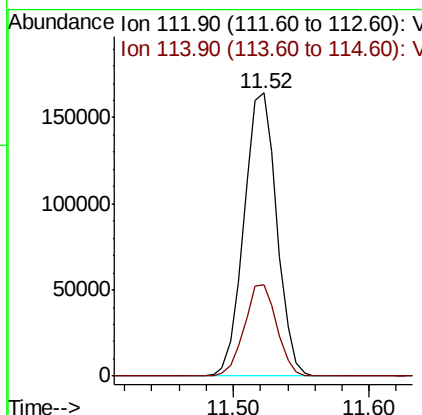
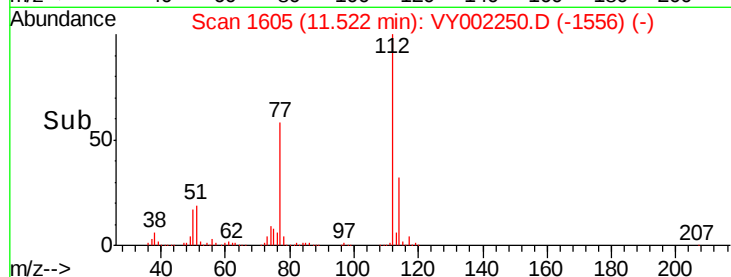
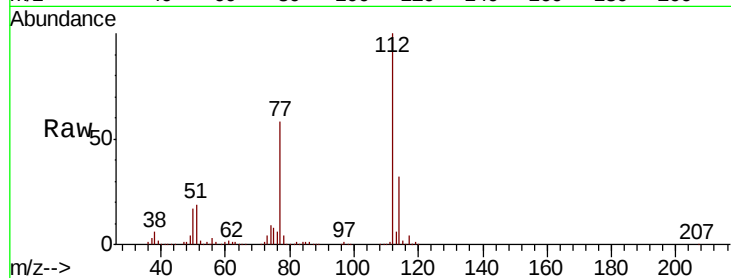




#65
Chlorobenzene
Concen: 48.773 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

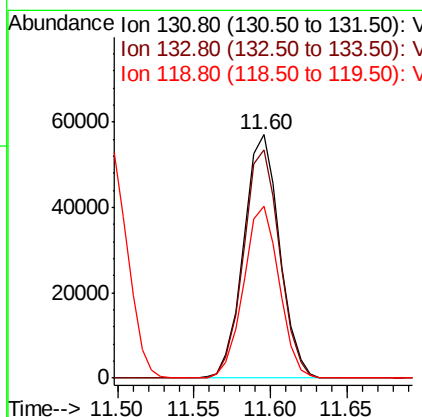
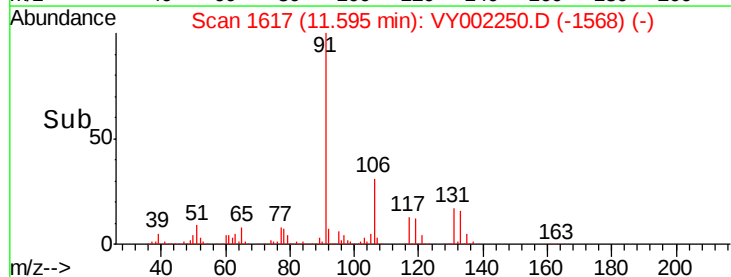
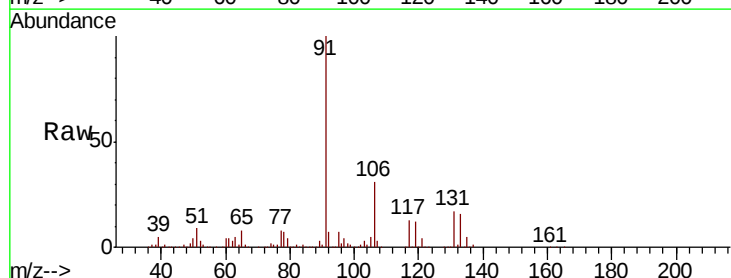
Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

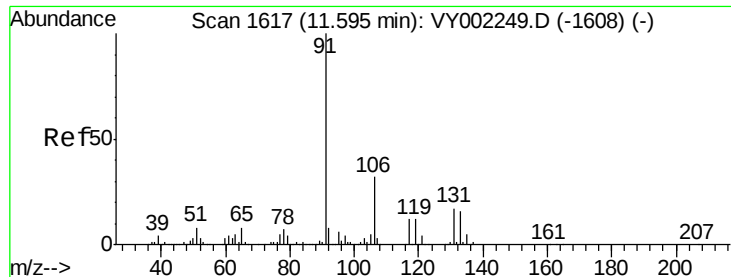
Tot Ion:112 Resp: 277320
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.699 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion:131 Resp: 93299
Ion Ratio Lower Upper
131 100
133 94.4 46.5 139.3
119 70.0 34.5 103.6

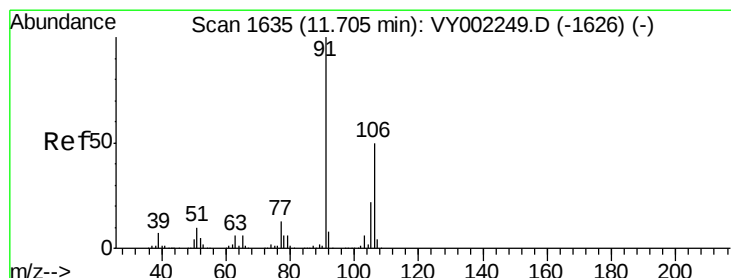
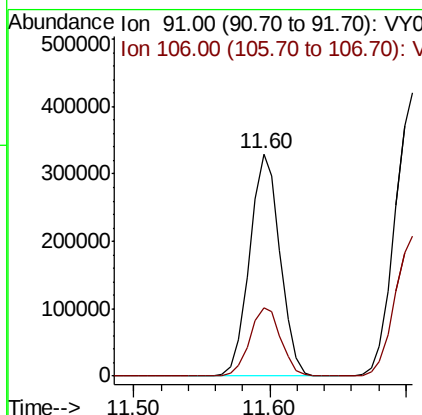
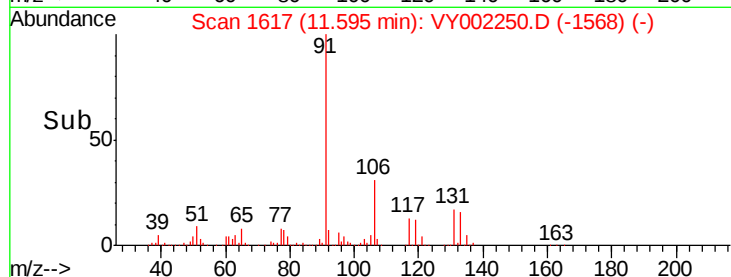
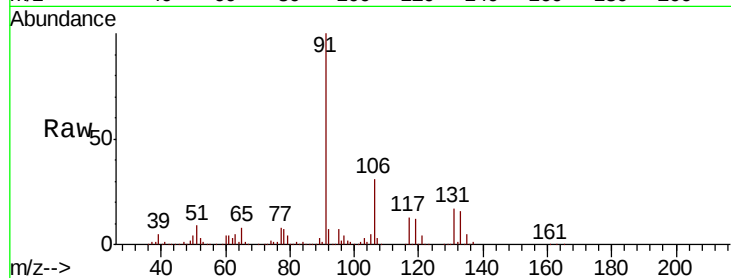




#67
Ethyl Benzene
Concen: 49.710 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

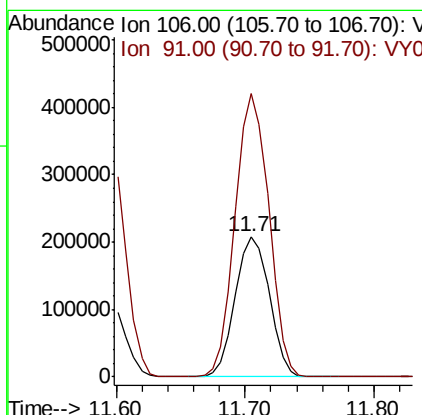
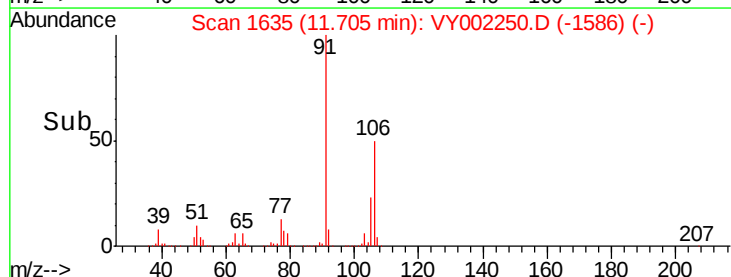
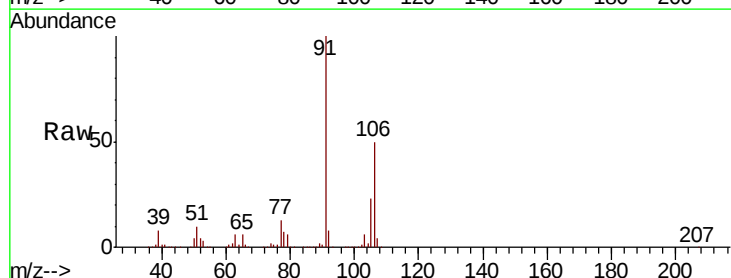
Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

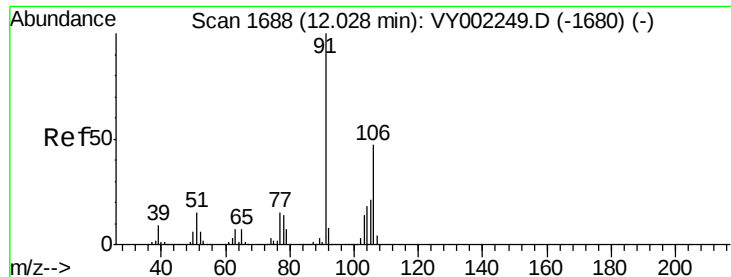
Tot Ion: 91 Resp: 517443
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0



#68
m/p-Xylenes
Concen: 98.387 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion: 106 Resp: 383583
Ion Ratio Lower Upper
106 100
91 199.8 159.8 239.6

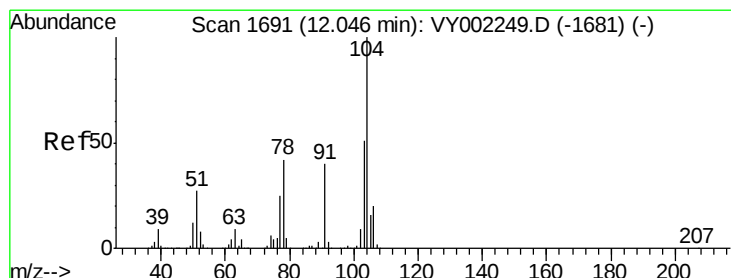
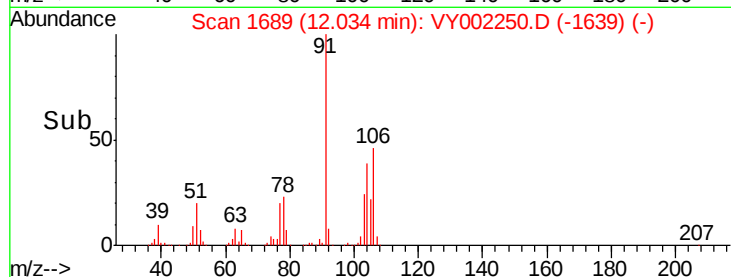
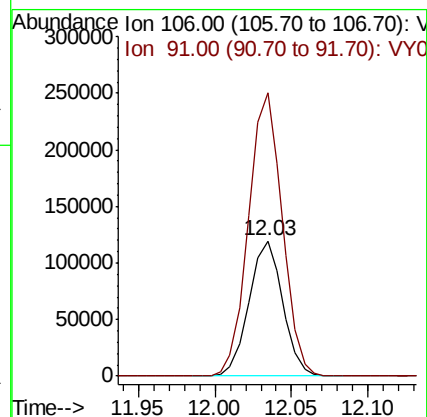
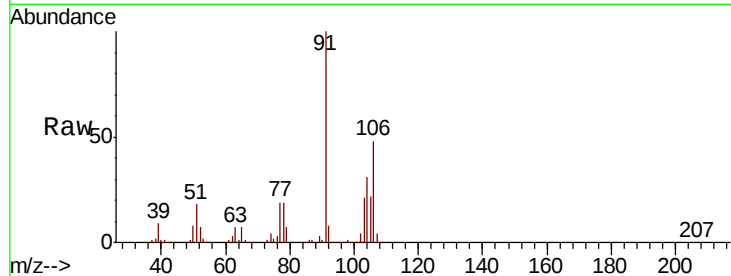




#69
o-Xylene
Concen: 49.914 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

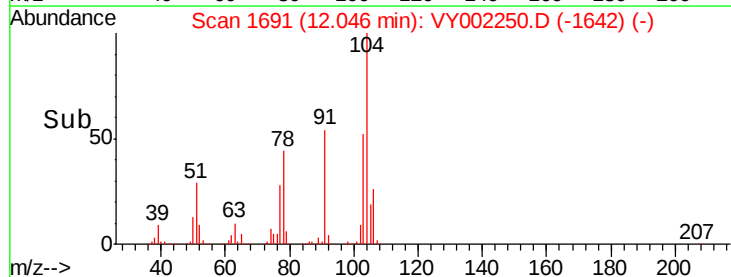
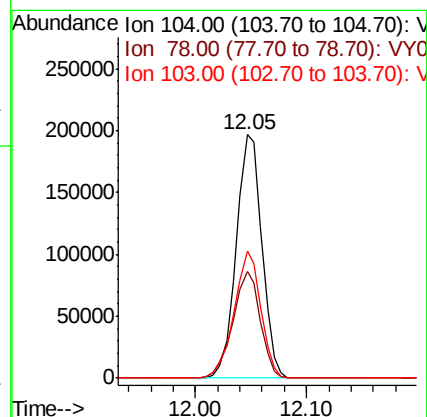
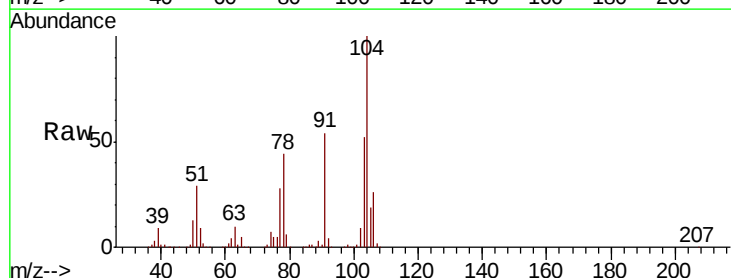
Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

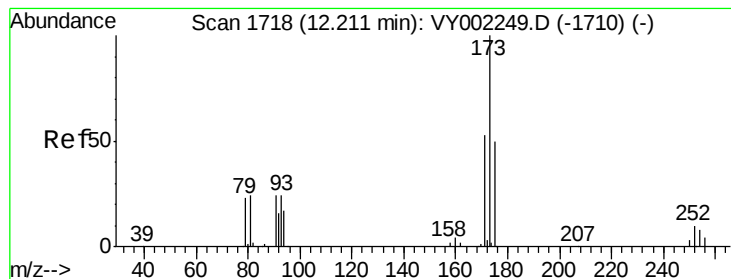
Tot Ion:106 Resp: 182698
Ion Ratio Lower Upper
106 100
91 210.4 105.8 317.3



#70
Styrene
Concen: 49.345 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion:104 Resp: 313356
Ion Ratio Lower Upper
104 100
78 46.8 37.2 55.8
103 54.2 43.4 65.0





#71

Bromoform

Concen: 52.209 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

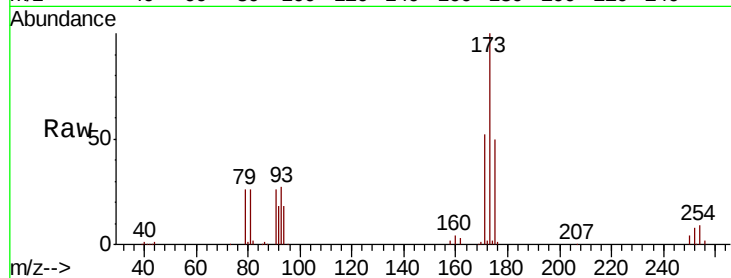
Tot Ion:173 Resp: 53300

Ion Ratio Lower Upper

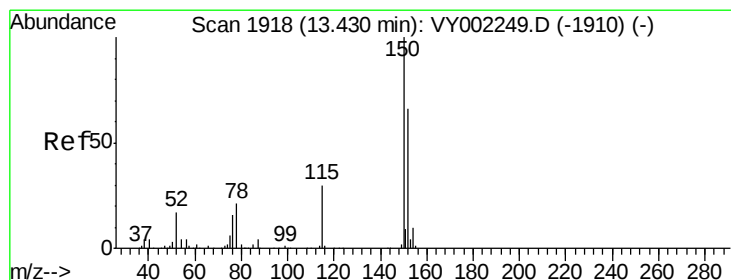
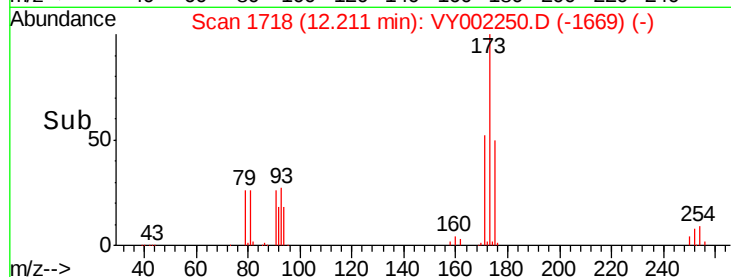
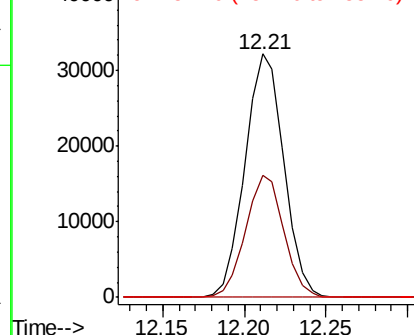
173 100

175 49.2 24.1 72.3

254 0.0 0.0 0.0



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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

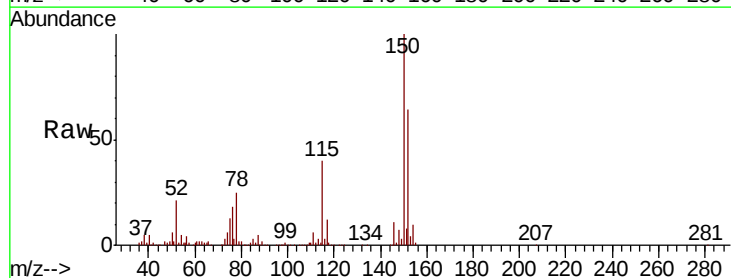
Tgt Ion:152 Resp: 123890

Ion Ratio Lower Upper

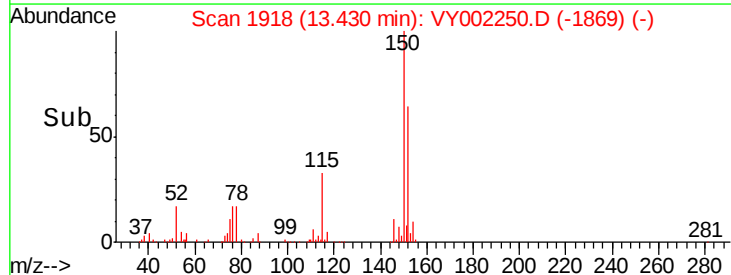
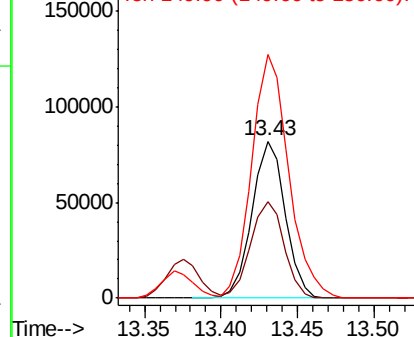
152 100

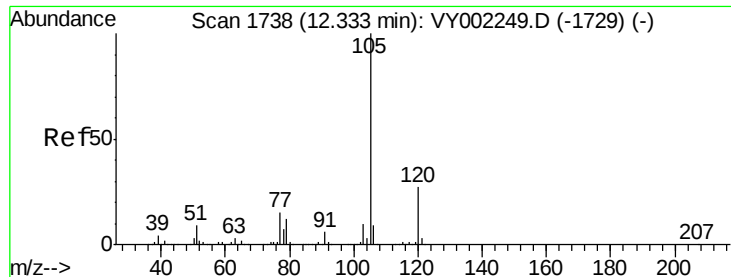
115 62.1 30.7 92.1

150 172.8 0.0 350.6



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: 49.708 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

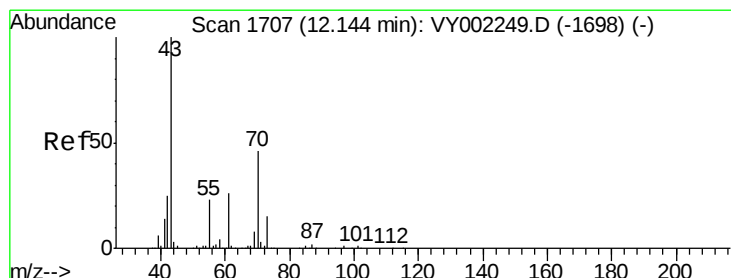
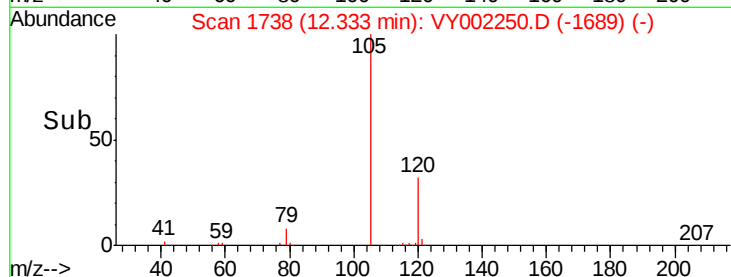
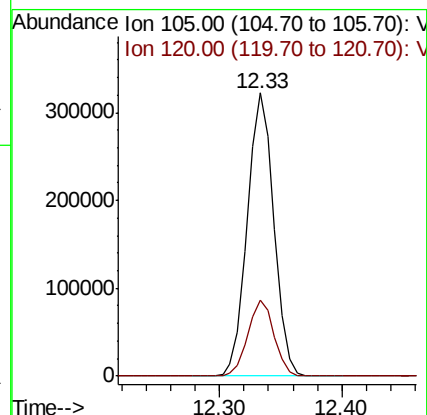
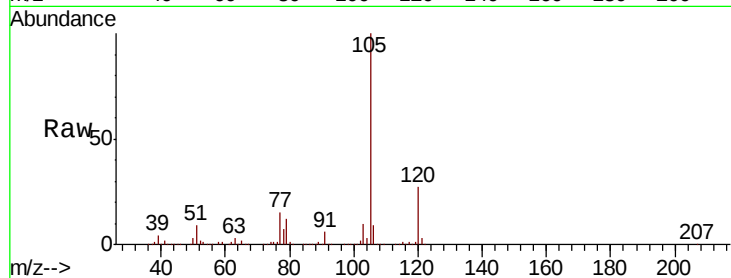
ICVY040820

Tot Ion:105 Resp: 483804

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 52.025 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Tgt Ion: 43 Resp: 143734

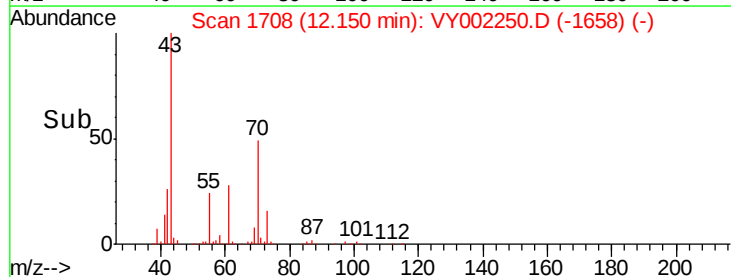
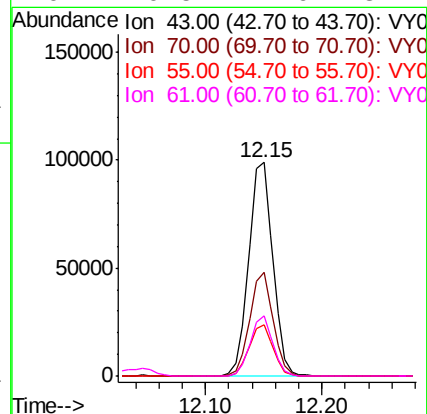
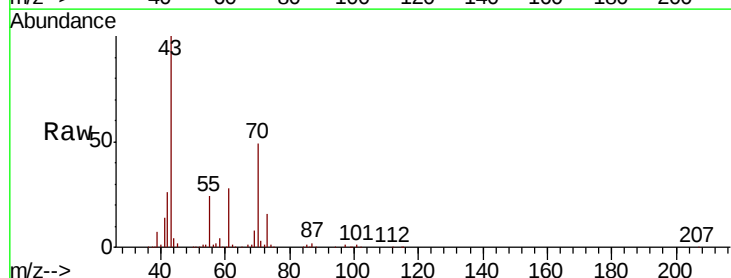
Ion Ratio Lower Upper

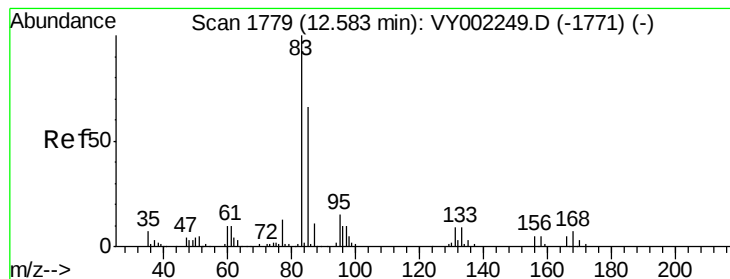
43 100

70 47.0 37.5 56.3

55 24.1 19.0 28.6

61 26.5 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.591 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

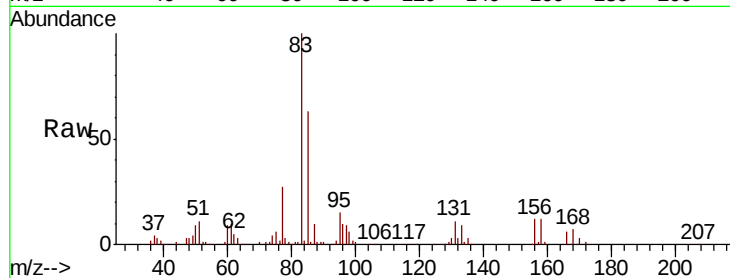
Tot Ion: 83 Resp: 64284

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

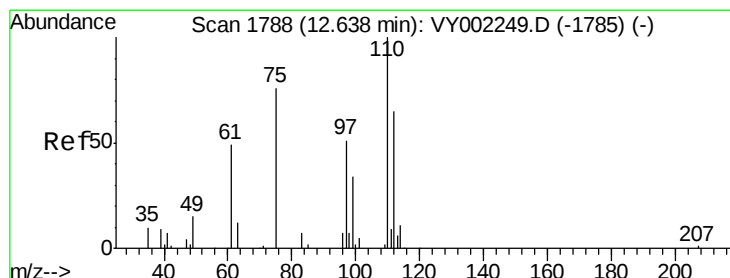
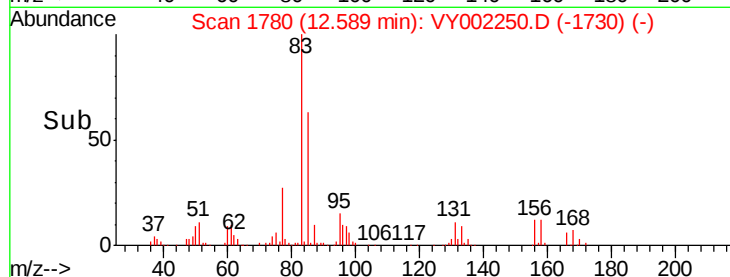
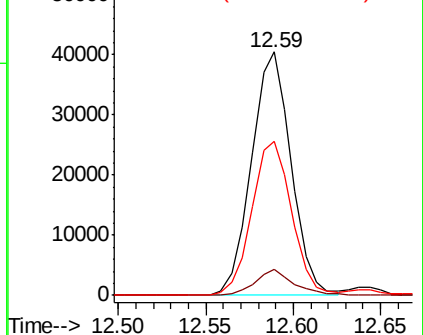
85 63.8 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 95.317 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002250.D

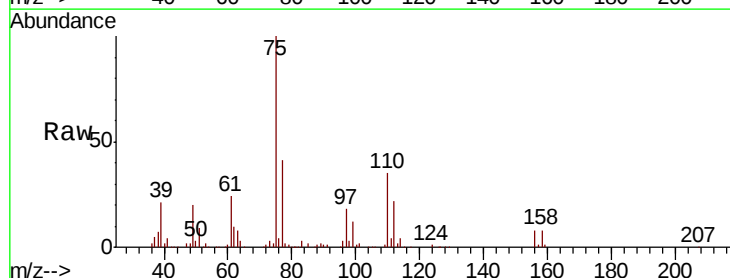
Acq: 08 Apr 2020 14:34

Tgt Ion: 75 Resp: 137126

Ion Ratio Lower Upper

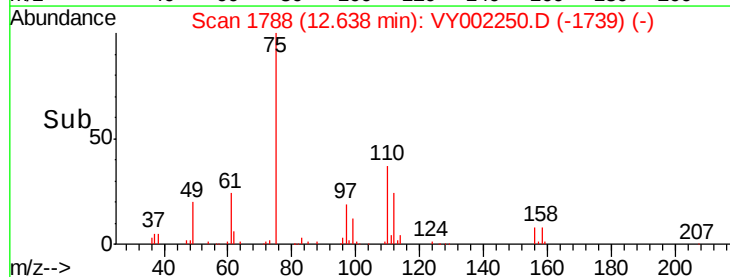
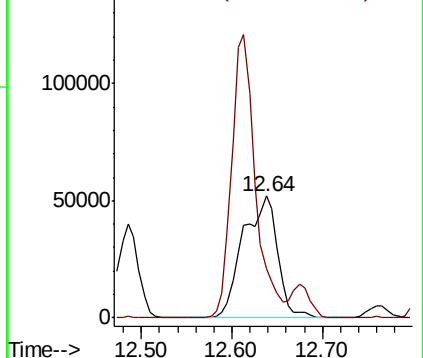
75 100

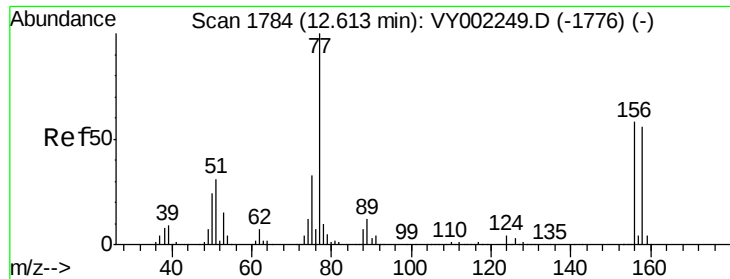
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 48.969 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

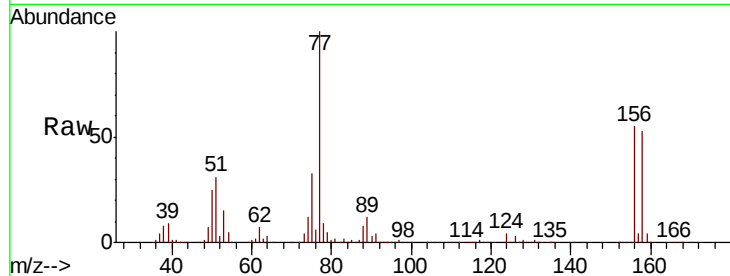
Tot Ion:156 Resp: 104859

Ion Ratio Lower Upper

156 100

77 209.1 101.3 303.9

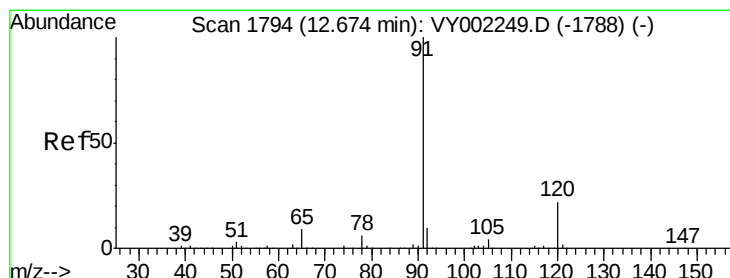
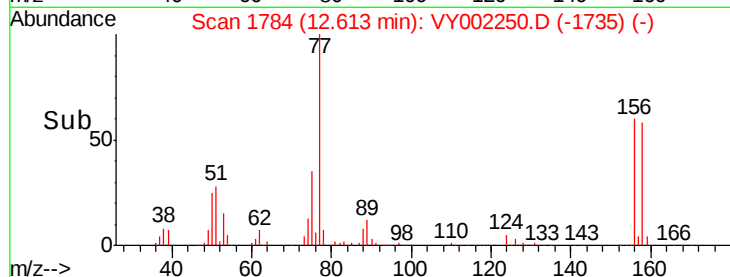
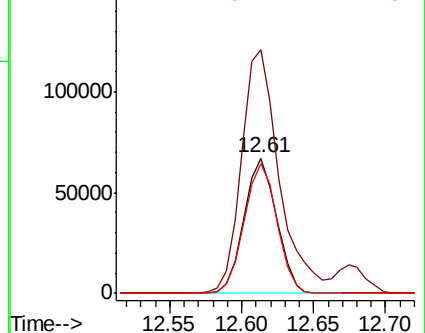
158 96.7 48.3 144.8



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: 49.288 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002250.D

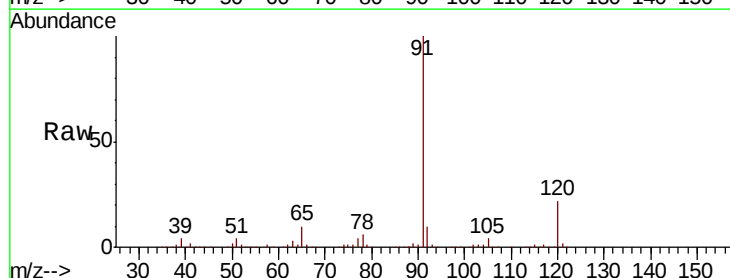
Acq: 08 Apr 2020 14:34

Tgt Ion: 91 Resp: 596629

Ion Ratio Lower Upper

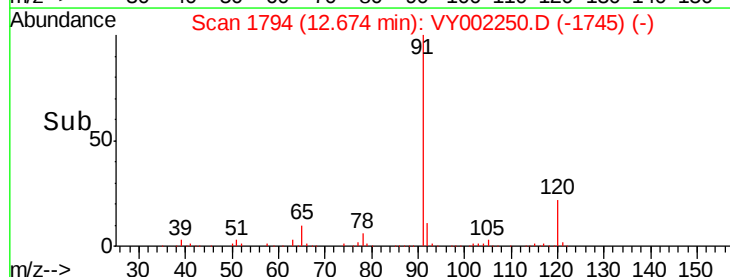
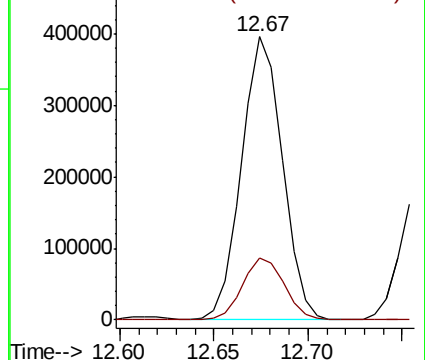
91 100

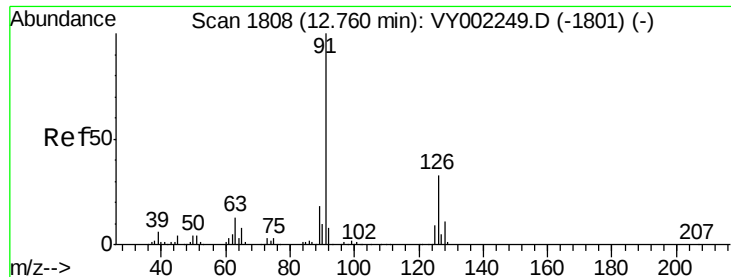
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.630 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

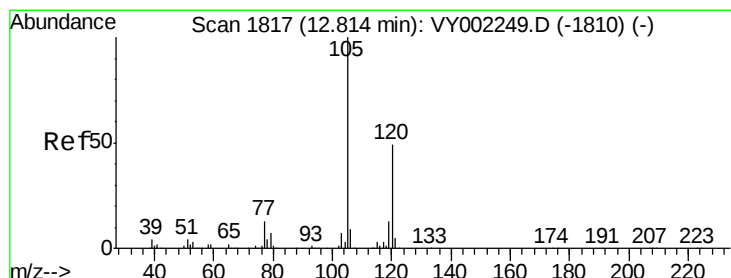
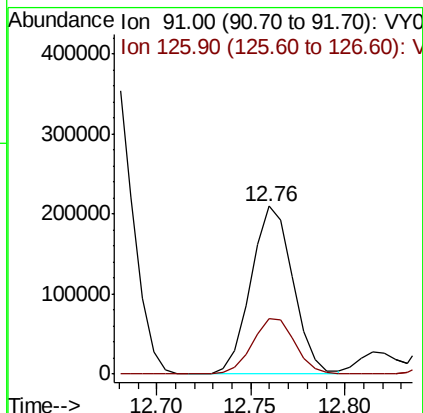
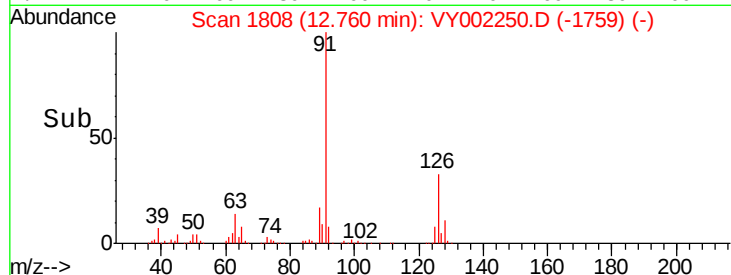
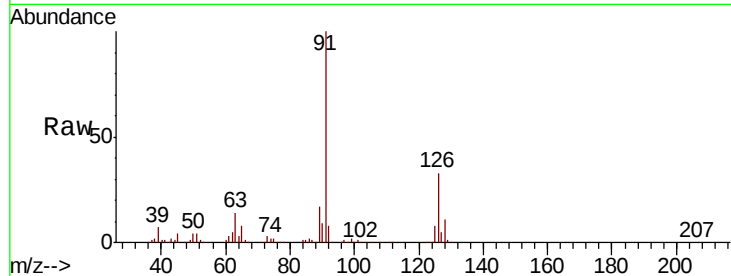
ICVY040820

Tot Ion: 91 Resp: 326486

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 49.672 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002250.D

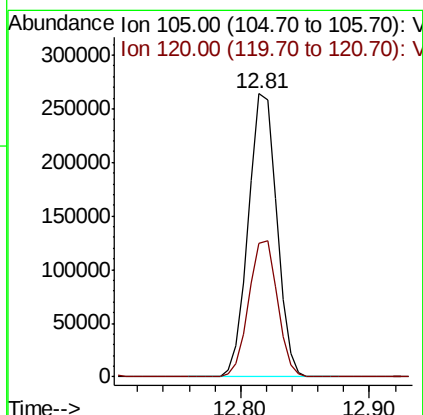
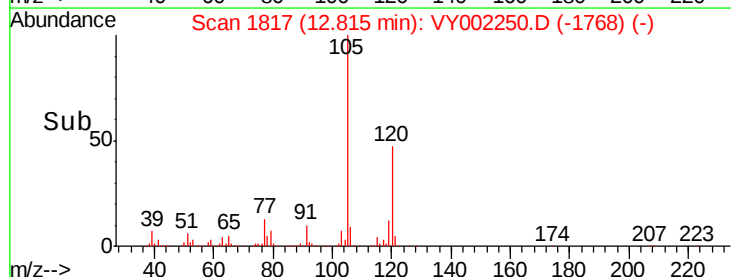
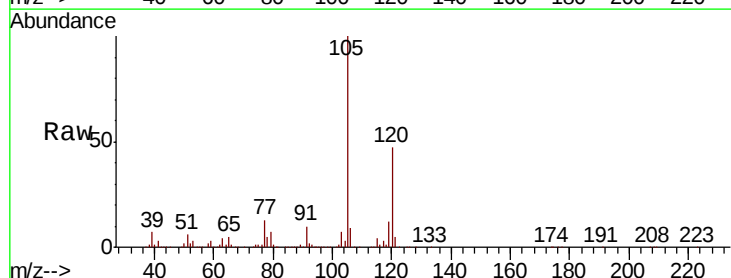
Acq: 08 Apr 2020 14:34

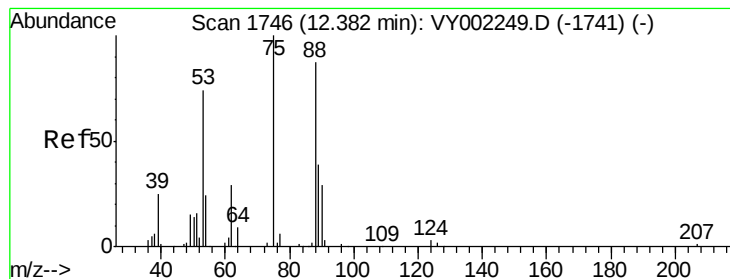
Tgt Ion: 105 Resp: 399827

Ion Ratio Lower Upper

105 100

120 48.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 52.318 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

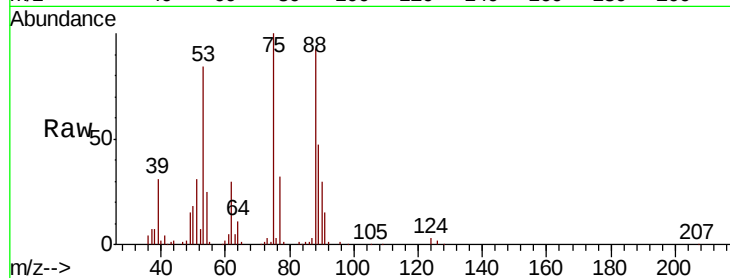
Tot Ion: 75 Resp: 38698

Ion Ratio Lower Upper

75 100

53 79.6 59.8 89.8

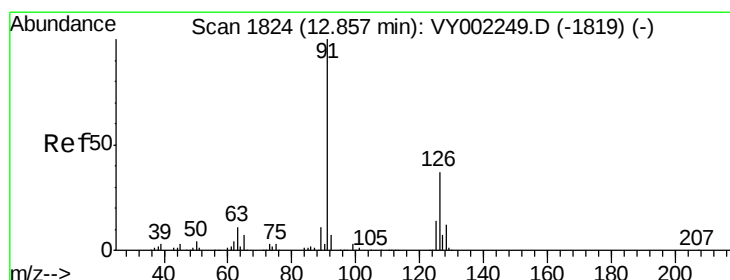
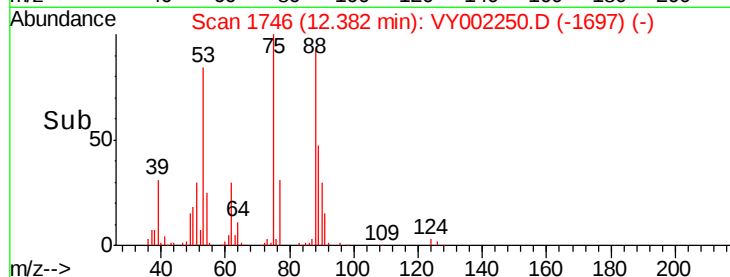
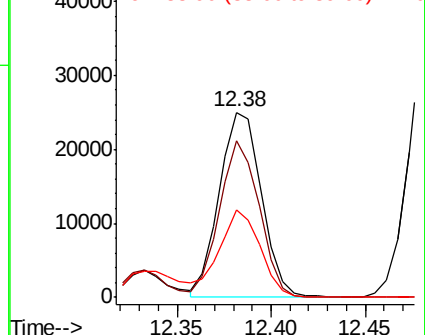
89 46.3 37.0 55.6



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: 49.192 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY002250.D

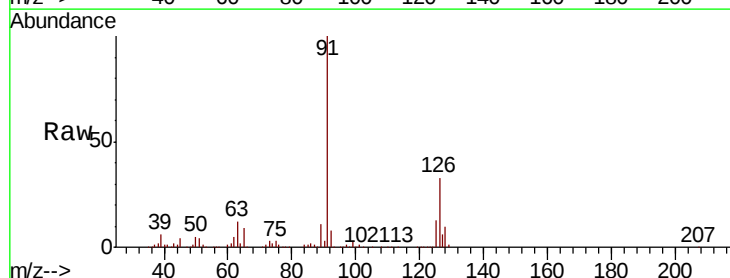
Acq: 08 Apr 2020 14:34

Tgt Ion: 91 Resp: 339172

Ion Ratio Lower Upper

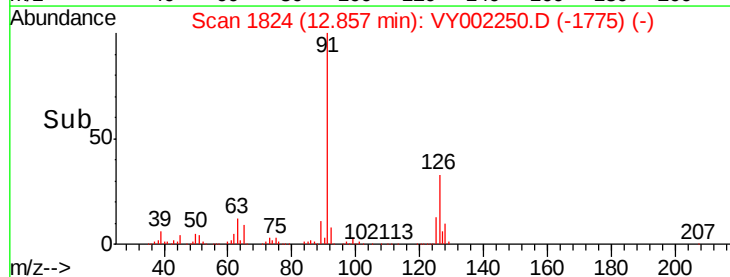
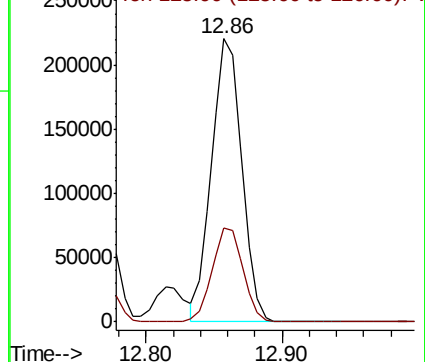
91 100

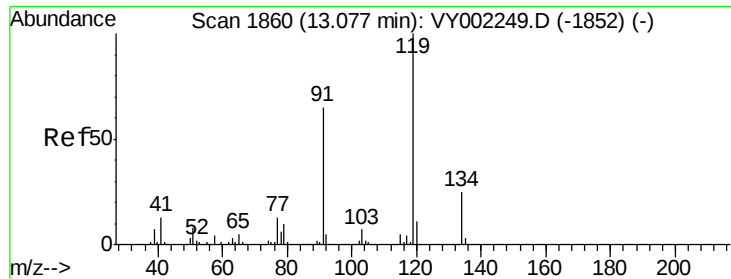
126 33.9 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

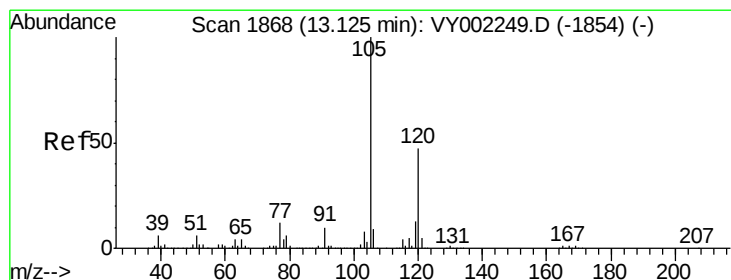
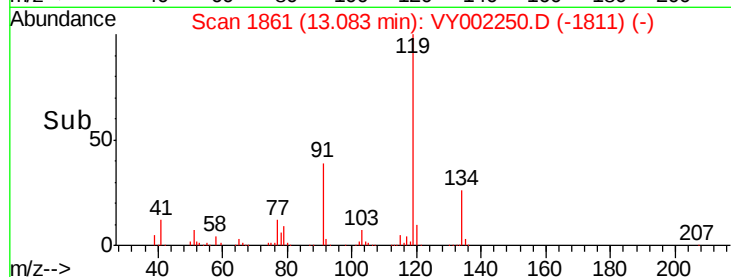
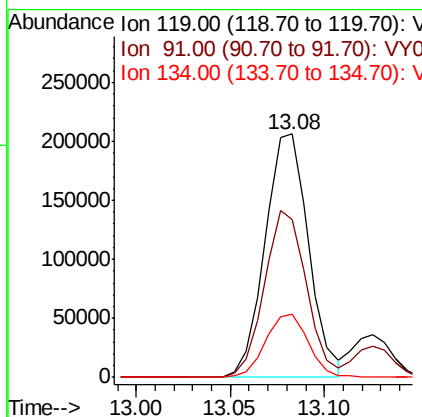
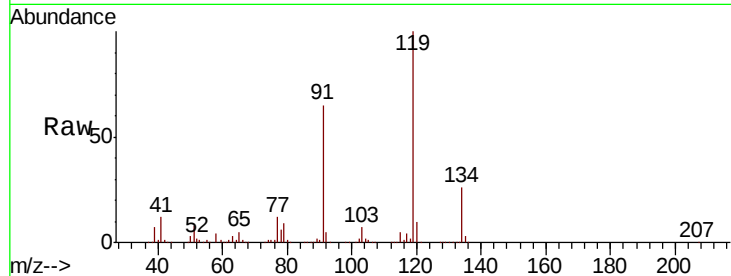




#83
 tert-Butylbenzene
 Concen: 49.004 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

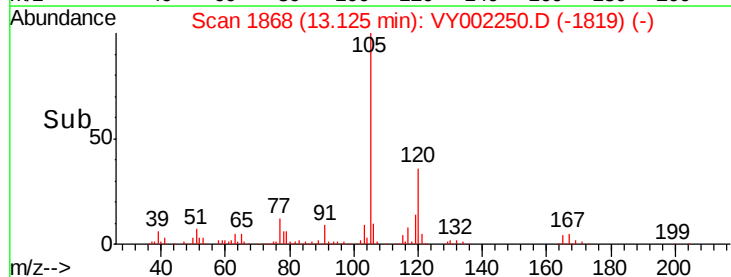
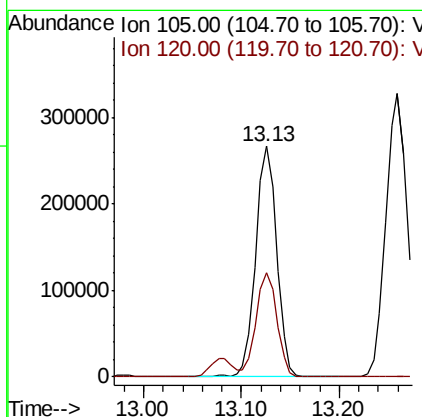
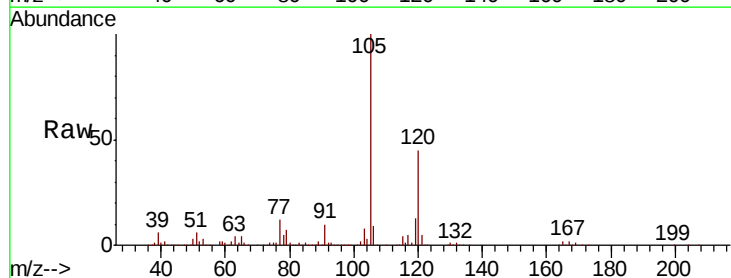
Instrument :
 MSVOA_Y
 ClientSampleID :
 ICVVY040820

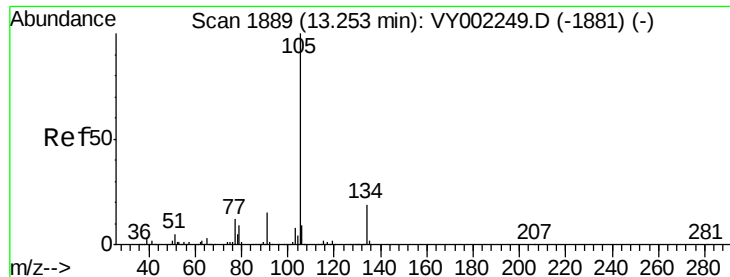
Tot Ion:119 Resp: 330401
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.4 97.0
 134 25.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.697 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion:105 Resp: 399463
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.071 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

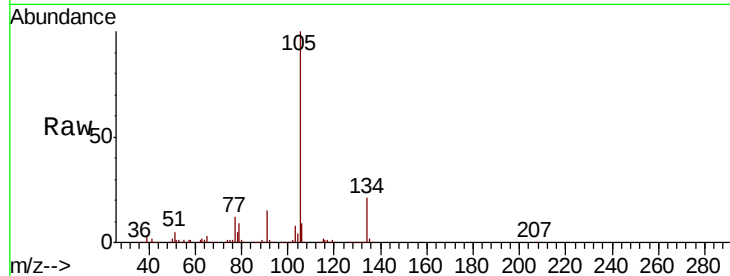
ICVY040820

Tot Ion:105 Resp: 492869

Ion Ratio Lower Upper

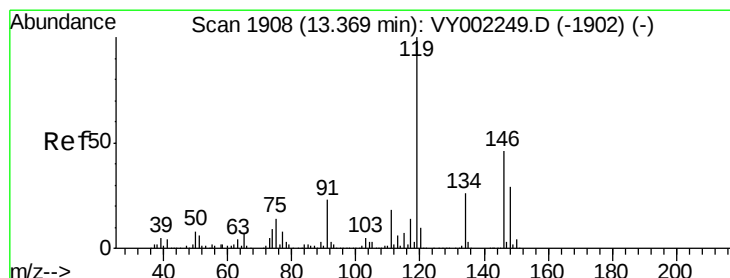
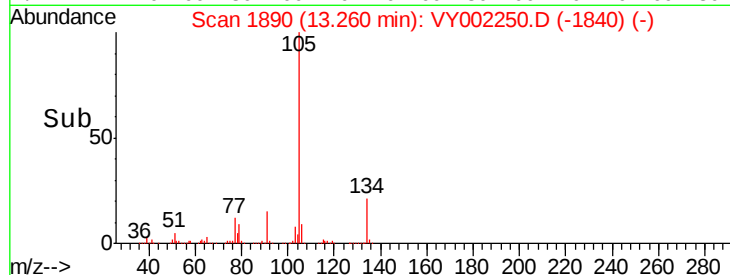
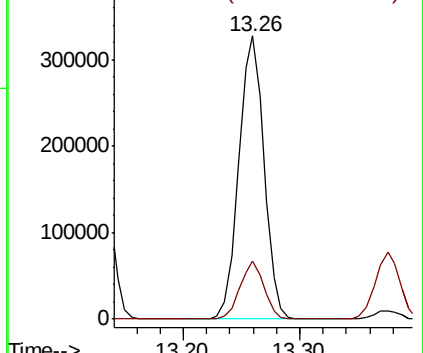
105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.519 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

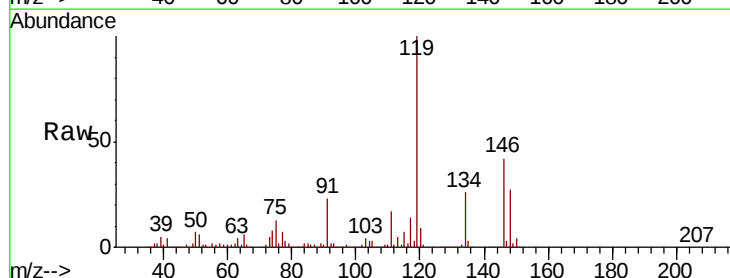
Tgt Ion:119 Resp: 428066

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

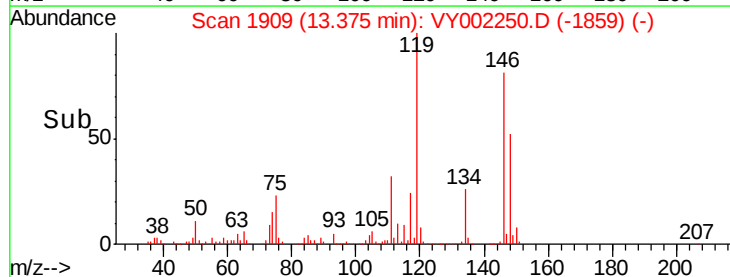
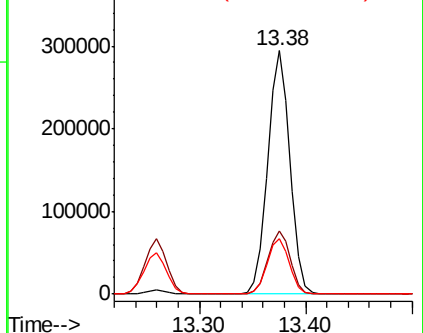
91 22.8 11.5 34.4

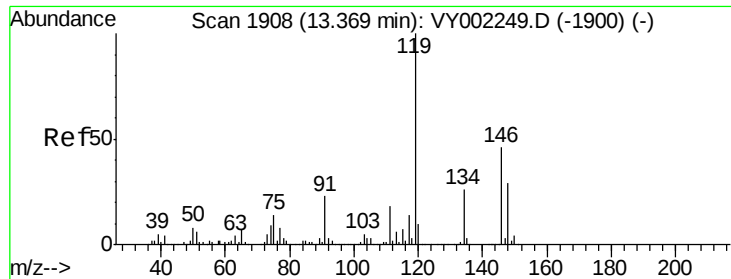


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.875 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

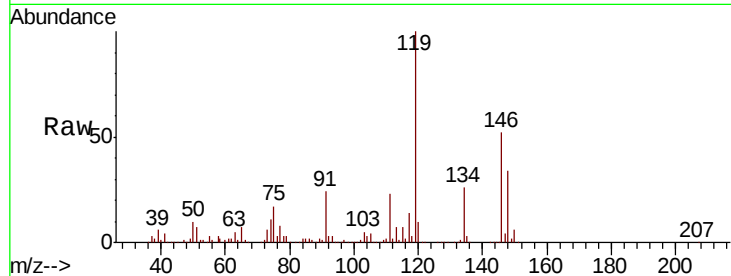
Tot Ion:146 Resp: 202830

Ion Ratio Lower Upper

146 100

111 40.9 20.3 60.8

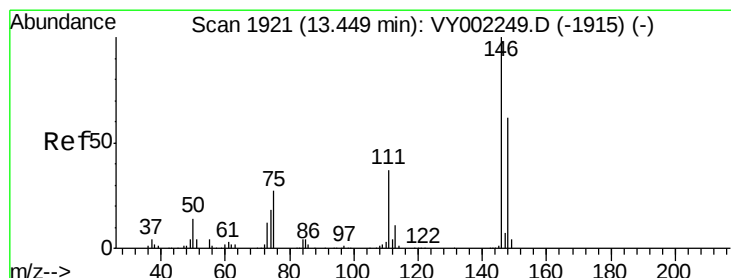
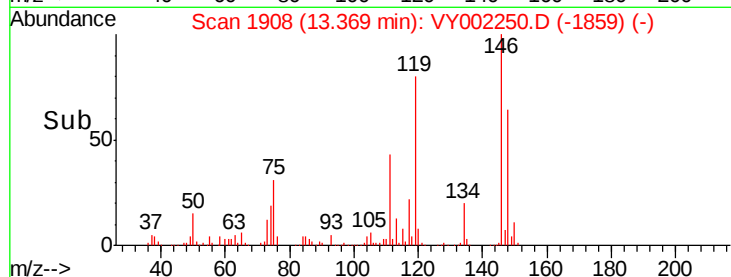
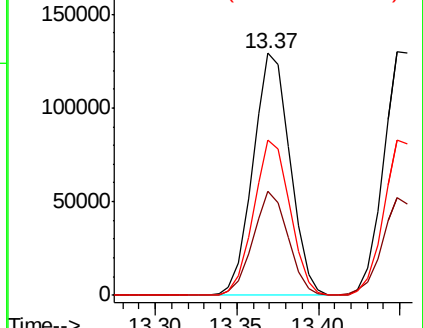
148 63.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.517 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

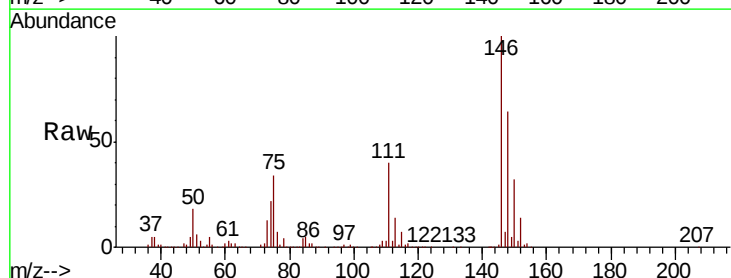
Tgt Ion:146 Resp: 204379

Ion Ratio Lower Upper

146 100

111 39.7 19.6 58.8

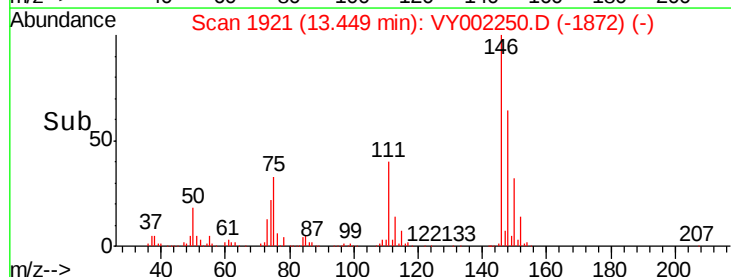
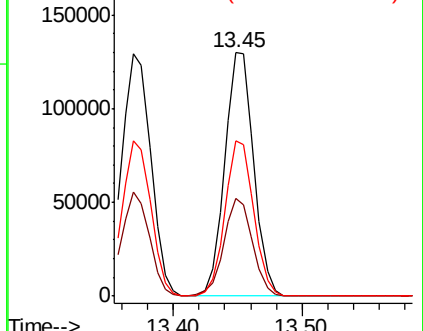
148 63.4 32.0 96.0

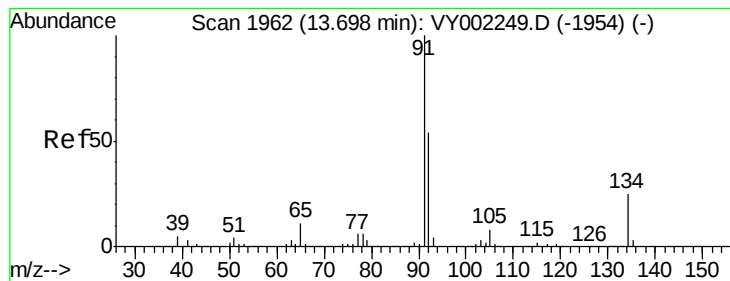


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.787 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

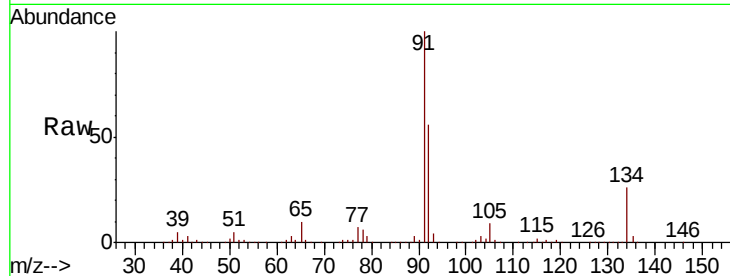
Tot Ion: 91 Resp: 432292

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

134 25.2 12.7 38.0

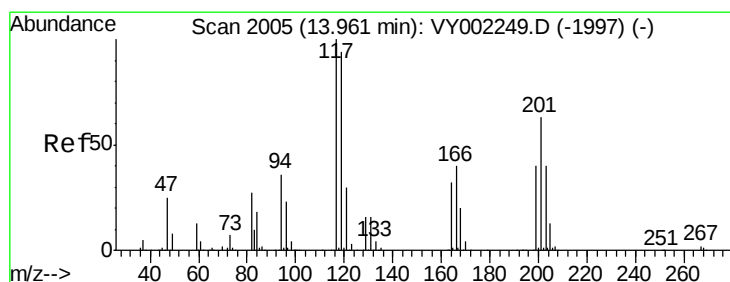
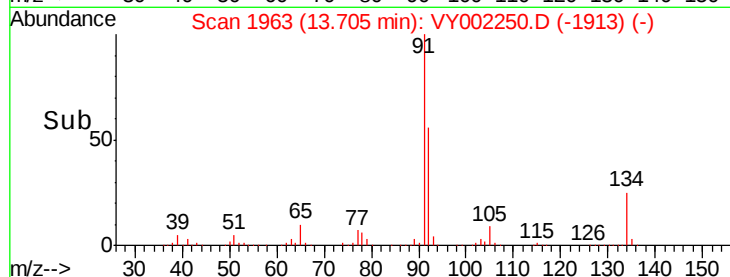
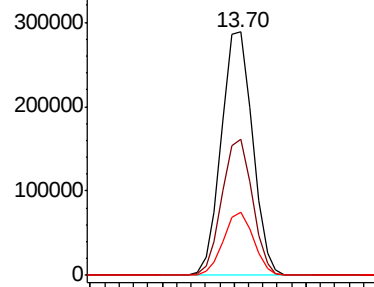


Abundance

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: 49.078 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY002250.D

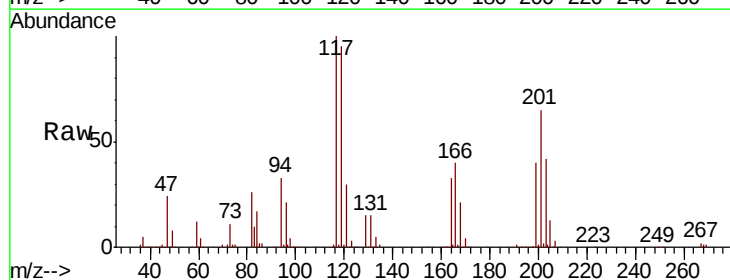
Acq: 08 Apr 2020 14:34

Tgt Ion: 117 Resp: 80845

Ion Ratio Lower Upper

117 100

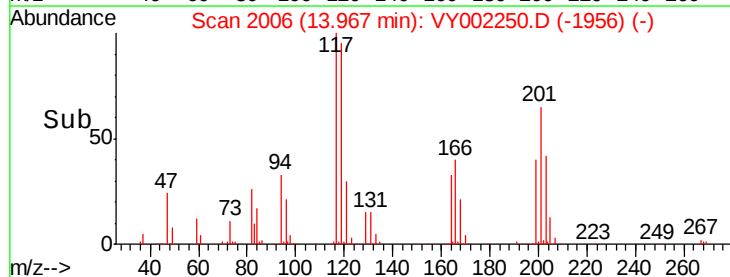
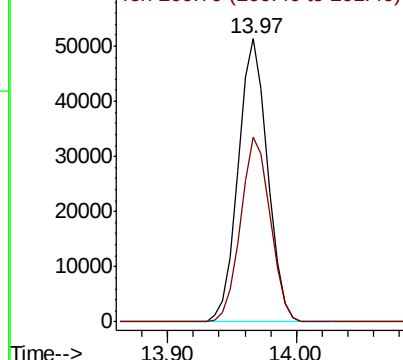
201 66.0 33.1 99.2

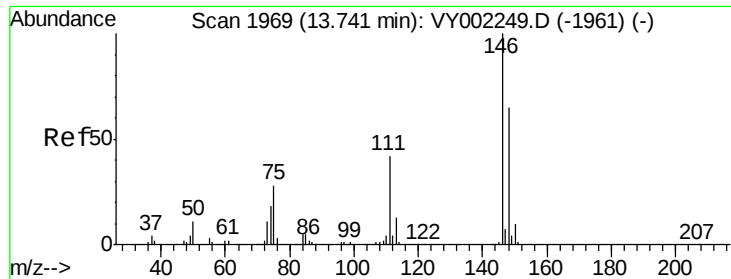


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

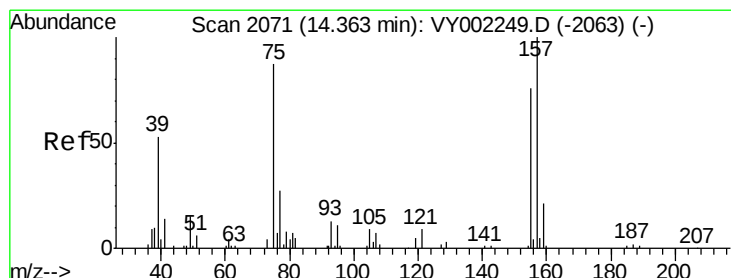
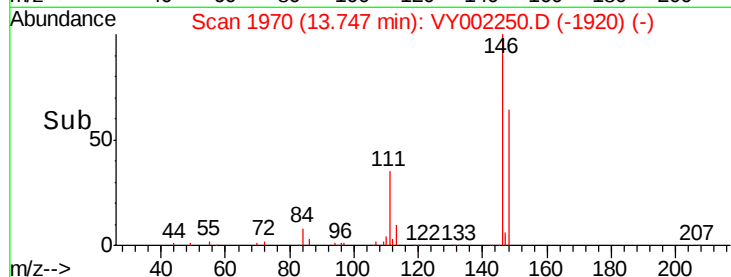
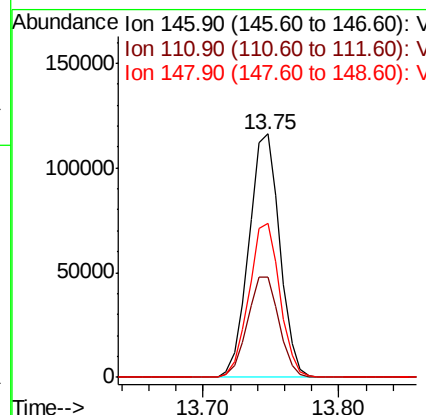
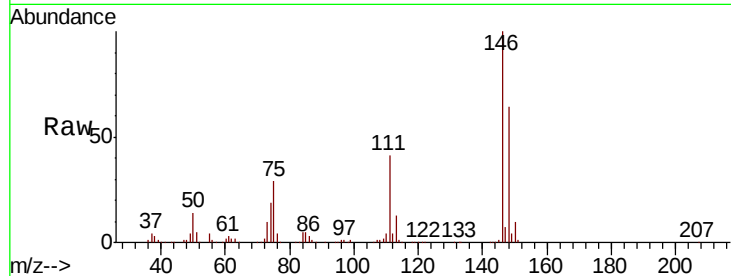




#91
 1,2-Dichlorobenzene
 Concen: 49.147 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

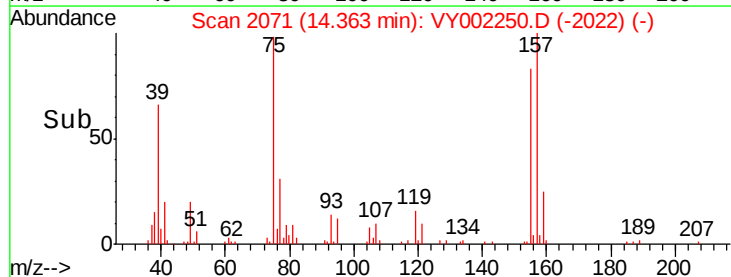
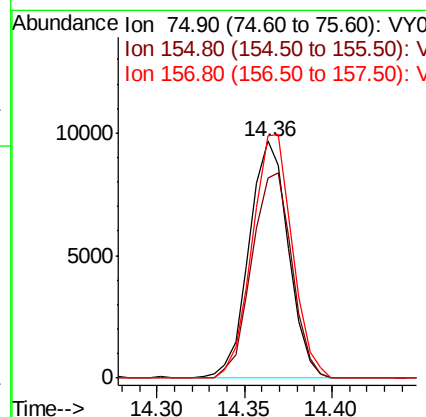
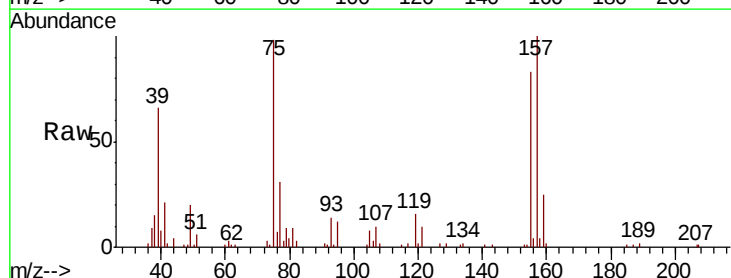
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

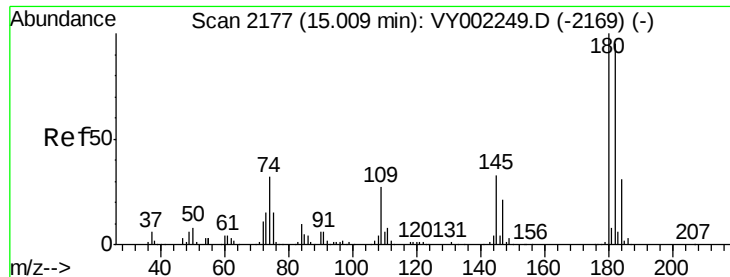
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	63.0	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.497 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	43.6	130.8
157	104.5	56.0	168.2

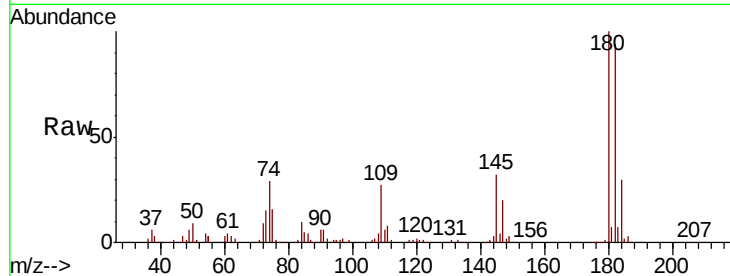




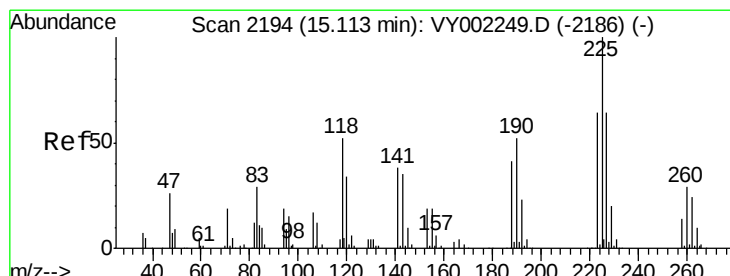
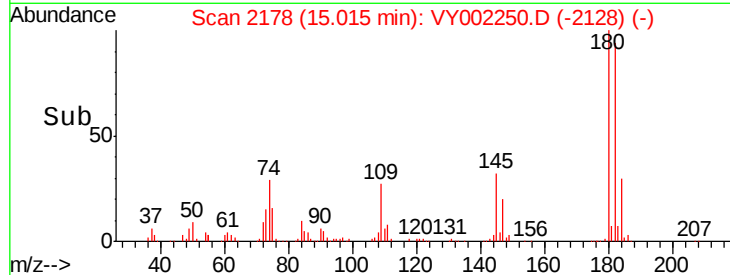
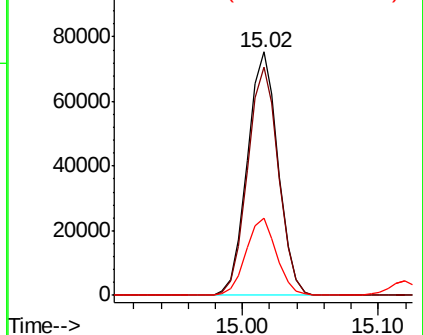
#93
 1,2,4-Trichlorobenzene
 Concen: 48.434 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion:180 Resp: 119379
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.9 143.7
 145 31.4 16.0 48.0

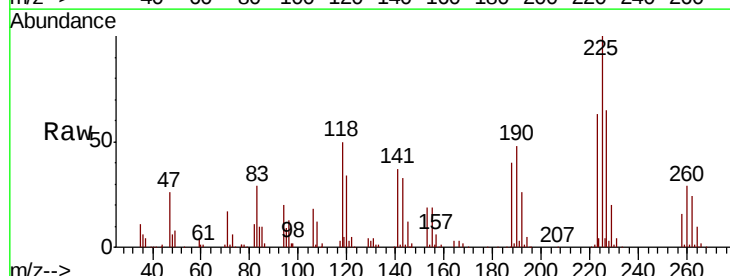


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

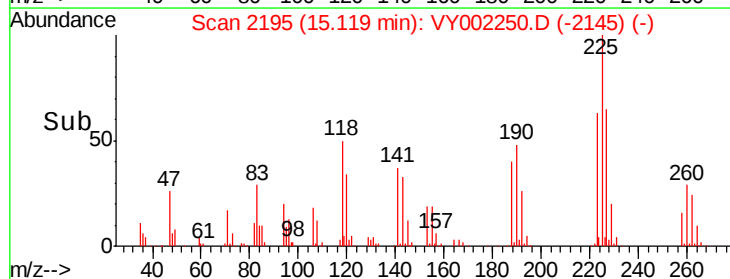
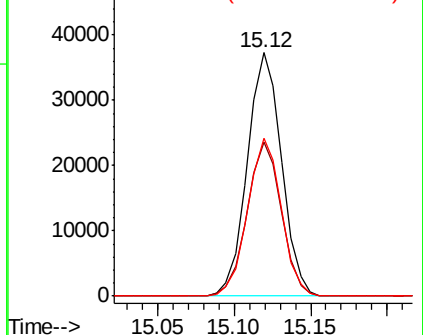


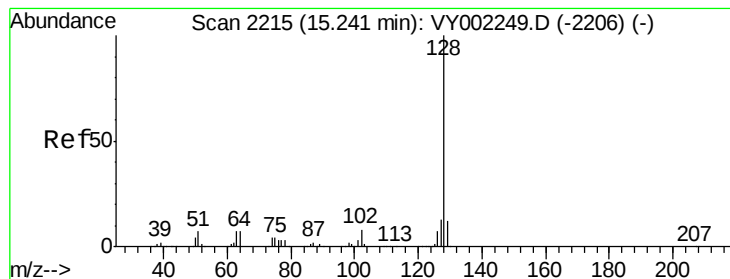
#94
 Hexachlorobutadiene
 Concen: 46.811 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion:225 Resp: 58112
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.0 93.0
 227 63.5 31.3 93.9



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





#95

Naphthalene

Concen: 50.677 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040820

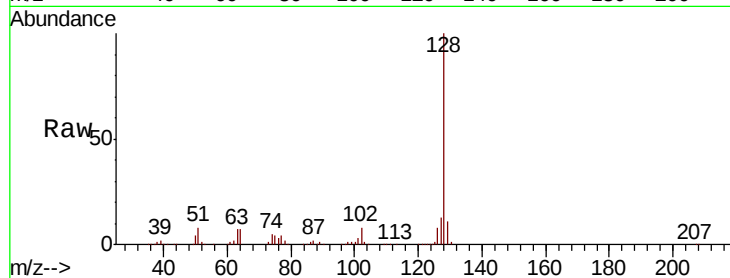
Tot Ion:128 Resp: 273489

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

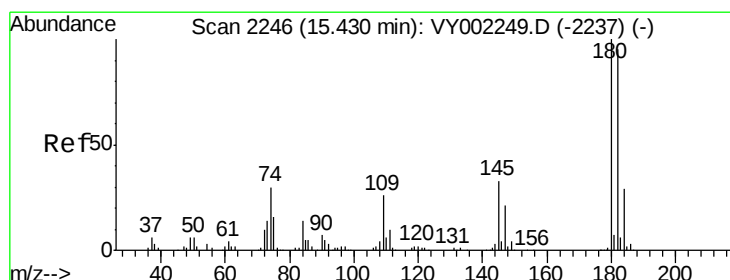
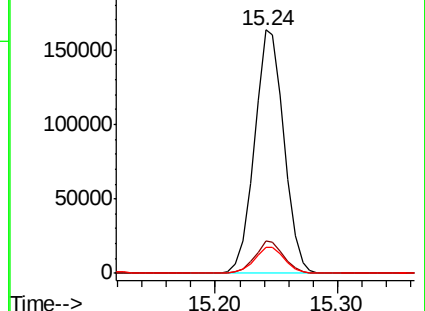
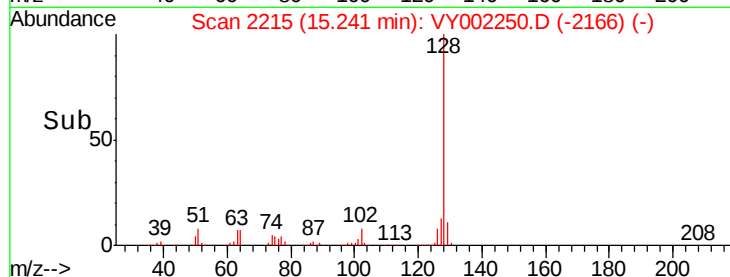
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.826 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

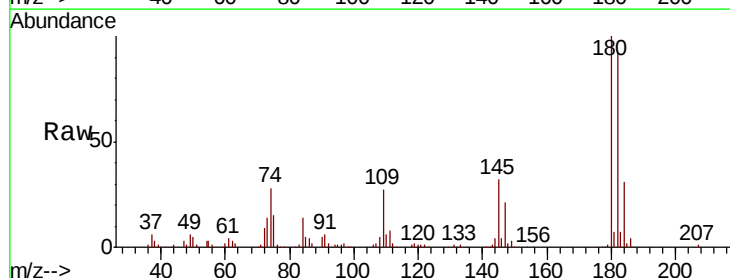
Tgt Ion:180 Resp: 102357

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 33.9 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

