

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001873.D
 Acq On : 05 Mar 2020 11:59
 Operator : SY/MD
 Sample : L1161-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 05:50:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 05:47:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169203	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	303506	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	270607	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	124248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	92873	51.41	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.74	113	86044	51.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.19	98	359783	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.49	95	121085	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	6529	4.180	ug/l 99
3) Chloromethane	2.12	50	9992	4.745	ug/l 97
4) Vinyl Chloride	2.26	62	9037	4.219	ug/l 100
5) Bromomethane	2.66	94	6660	4.687	ug/l 96
6) Chloroethane	2.80	64	5957	4.427	ug/l 94
7) Trichlorofluoromethane	3.14	101	12854	4.425	ug/l 100
8) Diethyl Ether	3.54	74	4550	3.974	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	3.92	101	7615	4.076	ug/l 98
10) Methyl Iodide	4.11	142	7204	3.334	ug/l 99
11) Tert butyl alcohol	4.97	59	3920	17.778	ug/l # 74
12) 1,1-Dichloroethene	3.89	96	7786	4.139	ug/l 97
13) Acrolein	3.75	56	4750	18.713	ug/l 89
14) Allyl chloride	4.49	41	13328	3.996	ug/l 99
15) Acrylonitrile	5.19	53	12365	20.211	ug/l 98
16) Acetone	3.97	43	10628	20.201	ug/l 99
17) Carbon Disulfide	4.21	76	25488	4.030	ug/l # 93
18) Methyl Acetate	4.49	43	5685	4.205	ug/l 97
19) Methyl tert-butyl Ether	5.24	73	20965	4.112	ug/l 98
20) Methylene Chloride	4.74	84	16415	7.280	ug/l 96
21) trans-1,2-Dichloroethene	5.24	96	9017	4.223	ug/l 94
22) Diisopropyl ether	6.14	45	27841	4.073	ug/l 96
23) Vinyl Acetate	6.08	43	86816	19.371	ug/l 98
24) 1,1-Dichloroethane	6.04	63	15077	4.073	ug/l 97
25) 2-Butanone	7.00	43	15620	19.523	ug/l 95
26) 2,2-Dichloropropane	6.99	77	12184	4.010	ug/l 100
27) cis-1,2-Dichloroethene	7.00	96	9553	4.113	ug/l 98
28) Bromochloromethane	7.35	49	6812	4.082	ug/l # 99
29) Tetrahydrofuran	7.36	42	10215	19.226	ug/l 99
30) Chloroform	7.52	83	14576	4.191	ug/l 87
31) Cyclohexane	7.80	56	19147	4.824	ug/l # 78
32) 1,1,1-Trichloroethane	7.71	97	11961	4.080	ug/l 98
36) 1,1-Dichloropropene	7.93	75	11959	4.095	ug/l 98
37) Ethyl Acetate	7.10	43	7140	4.206	ug/l 97
38) Carbon Tetrachloride	7.91	117	10273	4.117	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	15826	4.085	ug/l	94
40) Benzene	8.17	78	36288	4.192	ug/l	97
41) Methacrylonitrile	7.33	41	3878	5.076	ug/l #	18
42) 1,2-Dichloroethane	8.25	62	9243	4.144	ug/l	100
43) Isopropyl Acetate	8.28	43	12871	4.005	ug/l	98
44) Trichloroethene	8.94	130	8360	3.965	ug/l	92
45) 1,2-Dichloropropane	9.23	63	9181	4.219	ug/l	97
46) Dibromomethane	9.32	93	4660	4.155	ug/l	97
47) Bromodichloromethane	9.50	83	10615	4.069	ug/l	91
48) Methyl methacrylate	9.30	41	6047	4.240	ug/l	99
49) 1,4-Dioxane	9.31	88	1105	71.910	ug/l #	87
51) 4-Methyl-2-Pentanone	10.08	43	32330	19.531	ug/l	98
52) Toluene	10.25	92	21981	4.180	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	11156	3.925	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	13180	3.895	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	6577	4.007	ug/l	97
56) Ethyl methacrylate	10.52	69	9319	3.874	ug/l	91
57) 1,3-Dichloropropane	10.79	76	11762	4.021	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	15997	16.771	ug/l	100
59) 2-Hexanone	10.84	43	22909	19.390	ug/l	96
60) Dibromochloromethane	10.99	129	6381	3.690	ug/l	98
61) 1,2-Dibromoethane	11.10	107	6125	3.940	ug/l	100
64) Tetrachloroethene	10.72	164	7402	4.362	ug/l	94
65) Chlorobenzene	11.52	112	22240	4.125	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	6663	3.768	ug/l	94
67) Ethyl Benzene	11.60	91	40792	4.056	ug/l	100
68) m/p-Xylenes	11.71	106	29845	8.028	ug/l	98
69) o-Xylene	12.03	106	14277	4.074	ug/l	98
70) Styrene	12.05	104	24000	3.999	ug/l	99
71) Bromoform	12.21	173	3278	3.418	ug/l #	93
73) Isopropylbenzene	12.33	105	37647	3.969	ug/l	98
74) N-amyl acetate	12.14	43	11186	3.837	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	7927	3.876	ug/l	94
76) 1,2,3-Trichloropropane	12.64	75	10150	6.885	ug/l #	100
77) Bromobenzene	12.61	156	8455	4.207	ug/l	93
78) n-propylbenzene	12.67	91	47741	4.080	ug/l	99
79) 2-Chlorotoluene	12.75	91	25970	4.017	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	31886	4.084	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	2554	3.499	ug/l #	87
82) 4-Chlorotoluene	12.86	91	26766	3.976	ug/l	99
83) tert-Butylbenzene	13.08	119	25955	4.002	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	31267	4.035	ug/l	100
85) sec-Butylbenzene	13.25	105	38960	4.076	ug/l	98
86) p-Isopropyltoluene	13.37	119	33878	4.108	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	16384	4.161	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	17119	4.285	ug/l	91
89) n-Butylbenzene	13.70	91	34475	4.030	ug/l	98
90) Hexachloroethane	13.96	117	6052	3.890	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	14644	4.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1243	3.894	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	9562	4.121	ug/l	94
94) Hexachlorobutadiene	15.11	225	4727	4.179	ug/l	98
95) Naphthalene	15.24	128	21858	3.972	ug/l	98
96) 1,2,3-Trichlorobenzene	15.43	180	8376	4.098	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

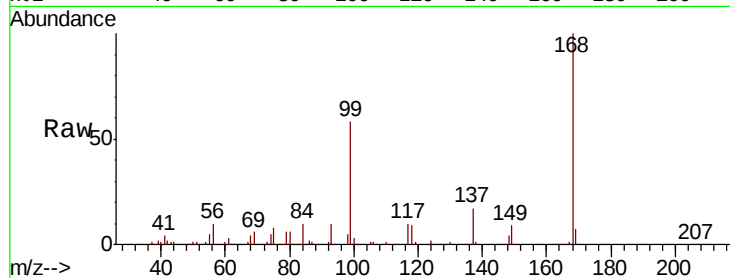
ClientSampleId :

Tot Ion:168 Resp: 169203

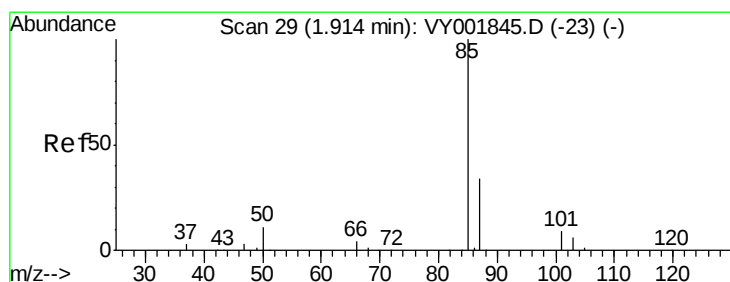
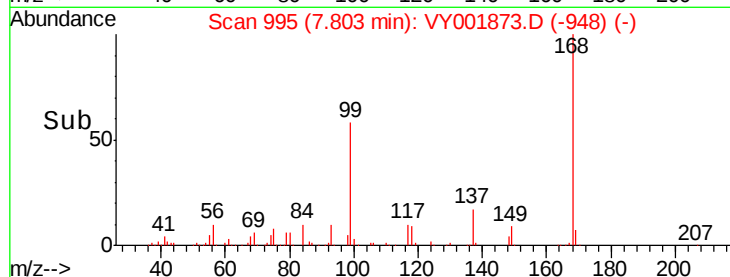
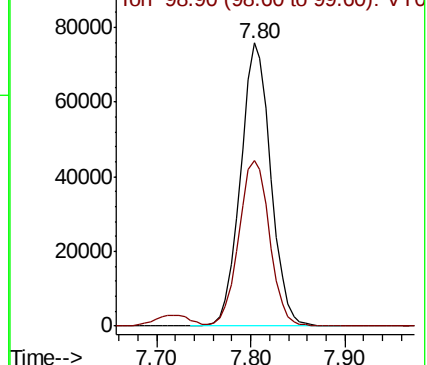
Ion Ratio Lower Upper

168 100

99 58.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 4.180 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001873.D

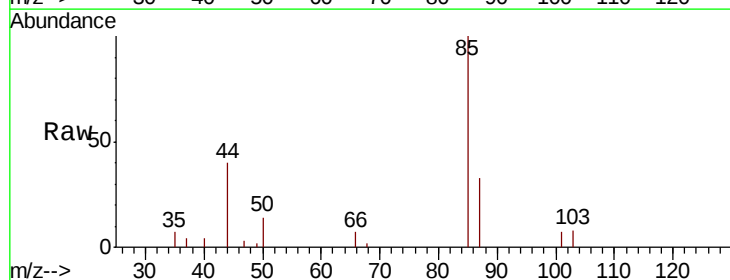
Acq: 05 Mar 2020 11:59

Tgt Ion: 85 Resp: 6529

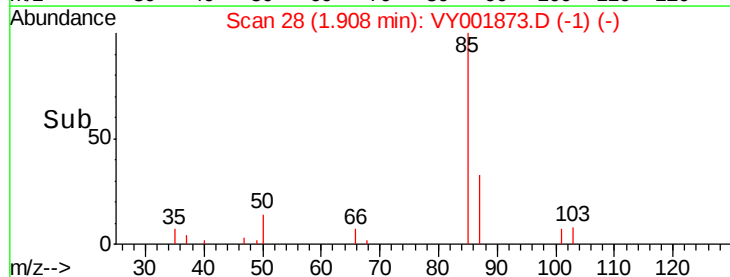
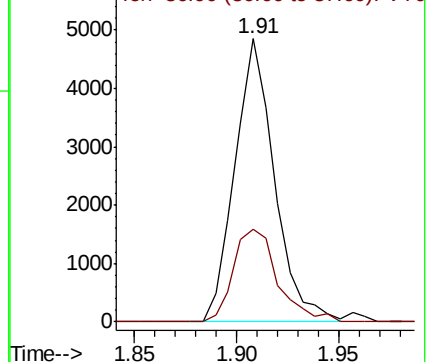
Ion Ratio Lower Upper

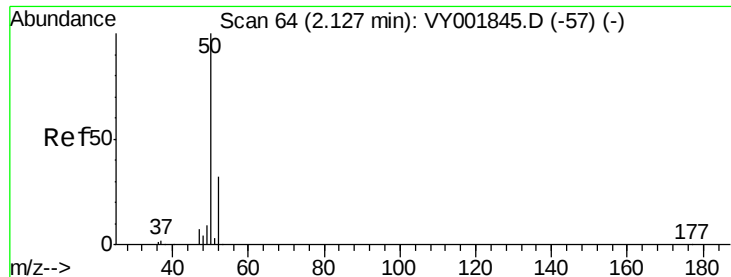
85 100

87 32.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 4.745 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

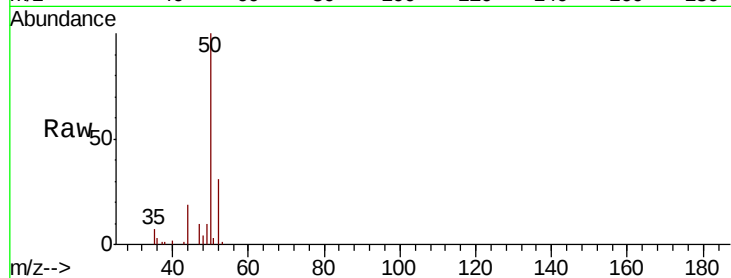
ClientSampleId :

Tot Ion: 50 Resp: 9992

Ion Ratio Lower Upper

50 100

52 30.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

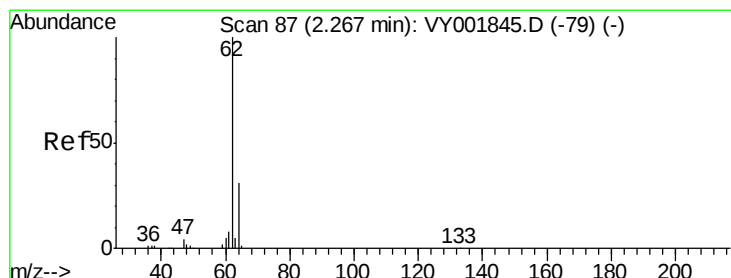
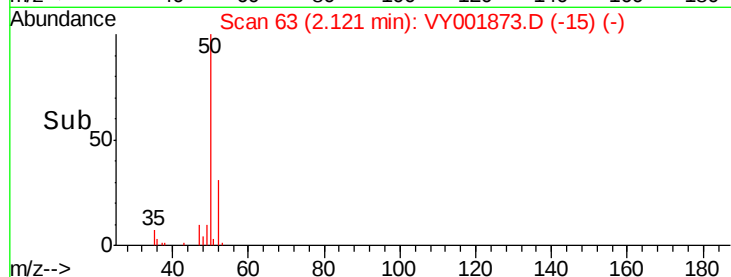
6000

4000

2000

0

Time--> 2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 4.219 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001873.D

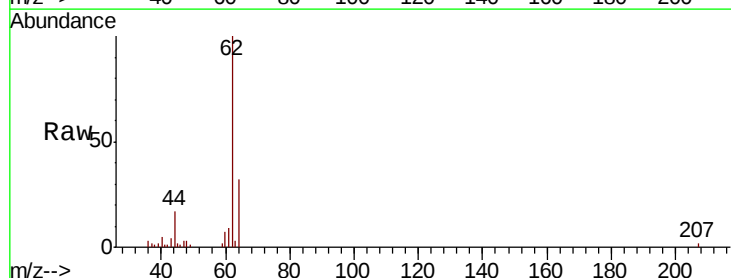
Acq: 05 Mar 2020 11:59

Tgt Ion: 62 Resp: 9037

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

6000

5000

4000

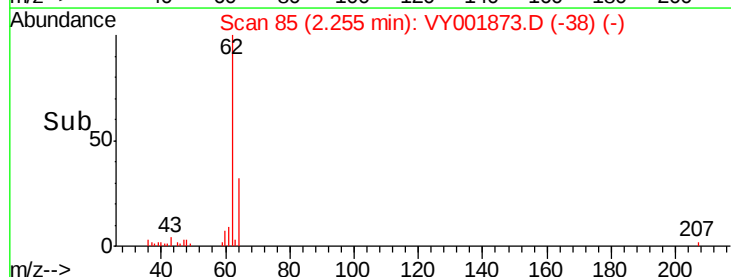
3000

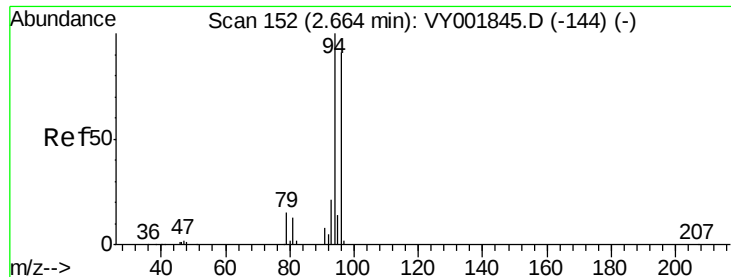
2000

1000

0

Time--> 2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 4.687 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

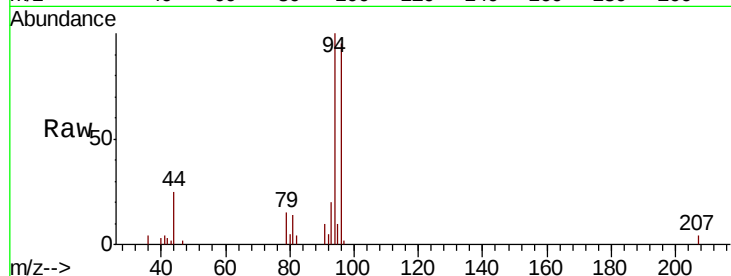
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 6660

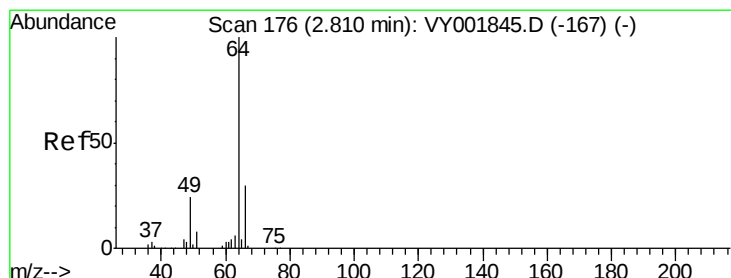
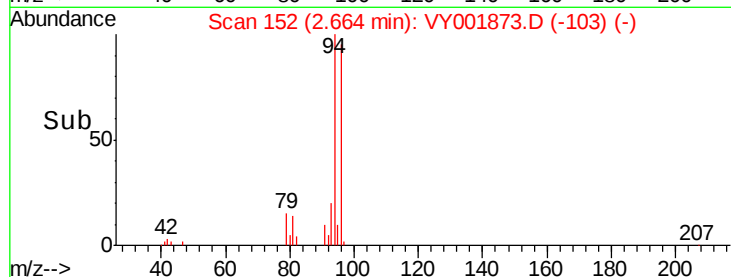
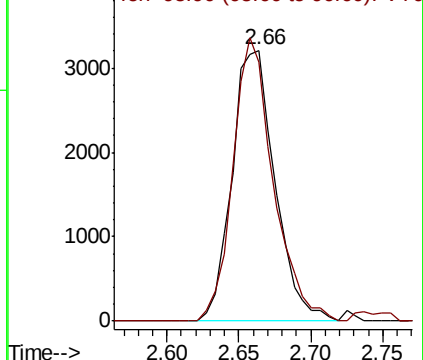
Ion Ratio Lower Upper

94 100

96 95.5 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 4.427 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001873.D

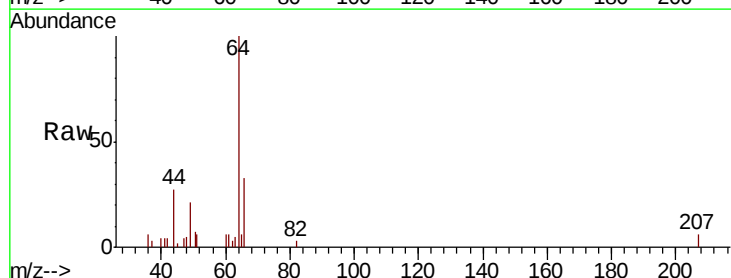
Acq: 05 Mar 2020 11:59

Tgt Ion: 64 Resp: 5957

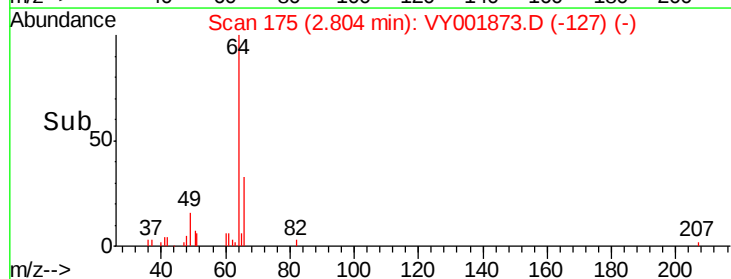
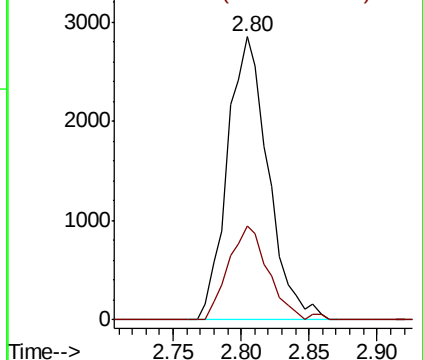
Ion Ratio Lower Upper

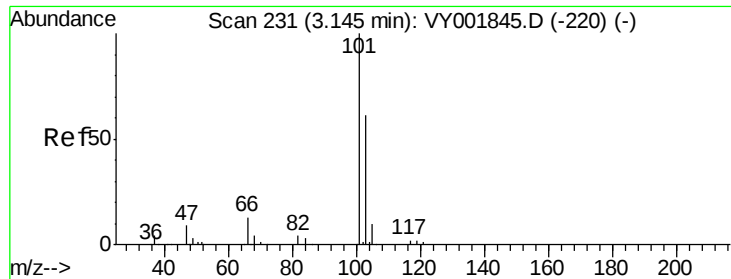
64 100

66 33.2 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



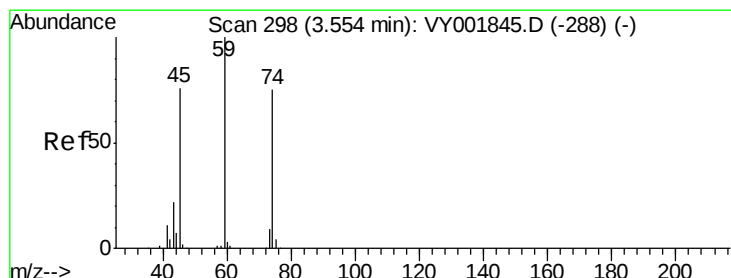
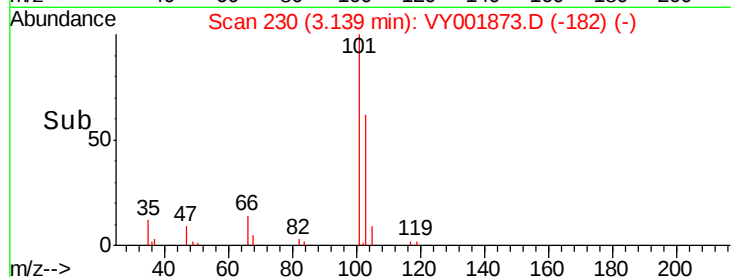
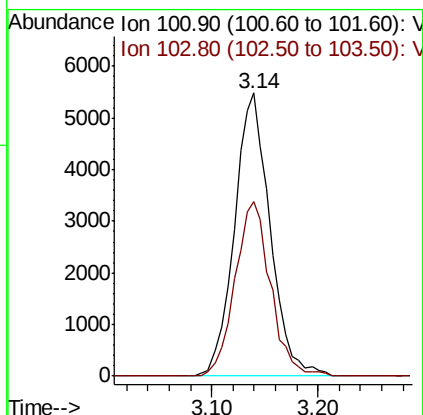
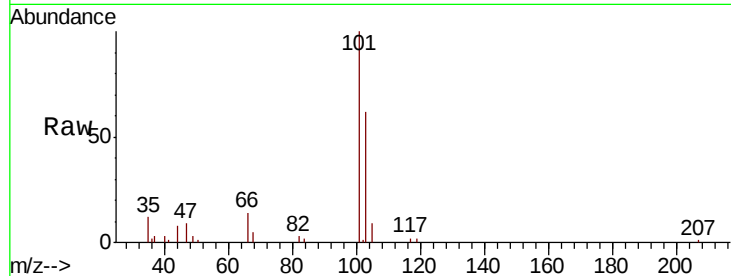


#7

Trichlorofluoromethane
 Concen: 4.425 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampled :

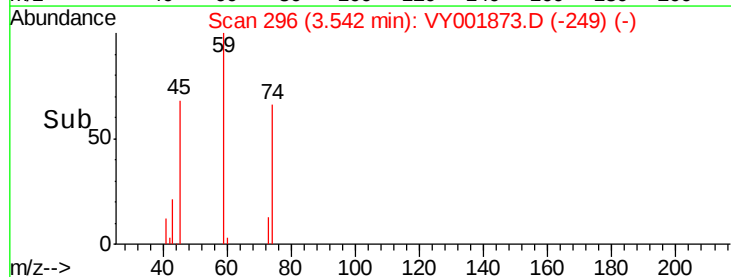
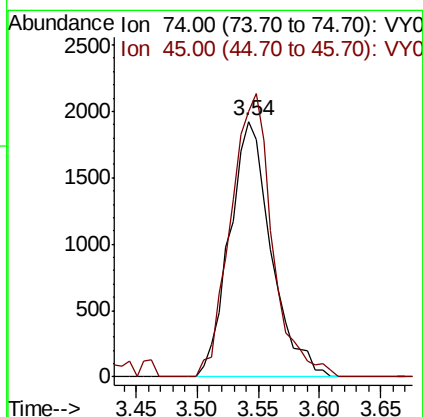
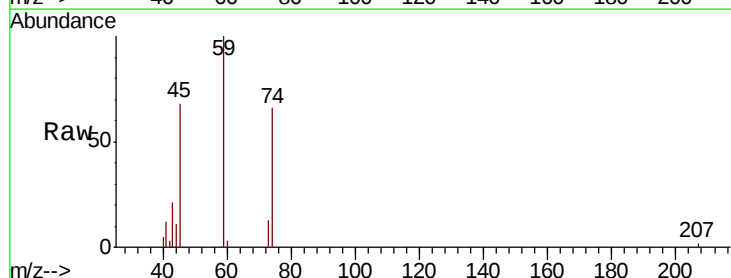
Tot Ion:101 Resp: 12854
 Ion Ratio Lower Upper
 101 100
 103 61.7 49.1 73.7



#8

Diethyl Ether
 Concen: 3.974 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Tgt Ion: 74 Resp: 4550
 Ion Ratio Lower Upper
 74 100
 45 111.0 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.076 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

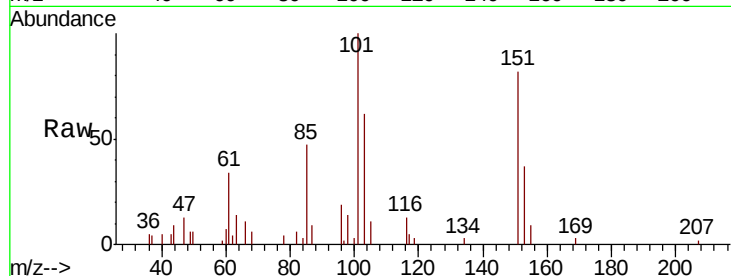
Tot Ion:101 Resp: 7615

Ion Ratio Lower Upper

101 100

85 43.6 35.3 52.9

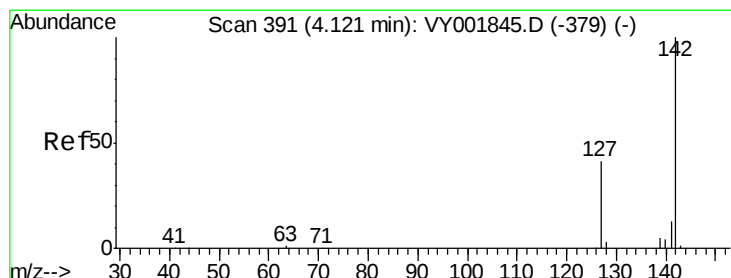
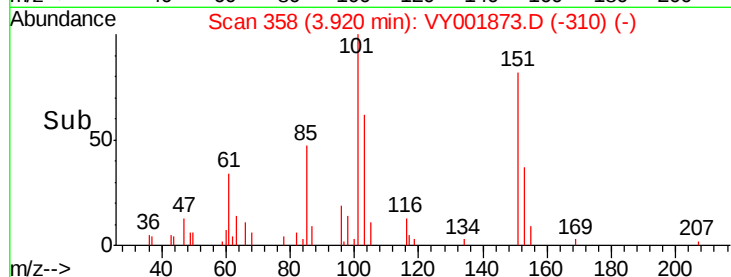
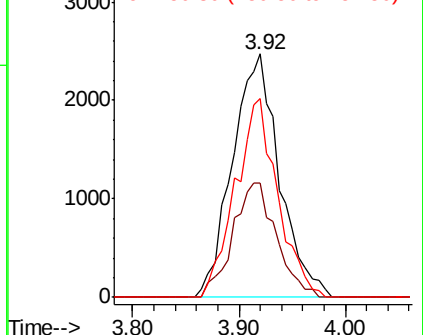
151 73.7 57.0 85.4



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: 3.334 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

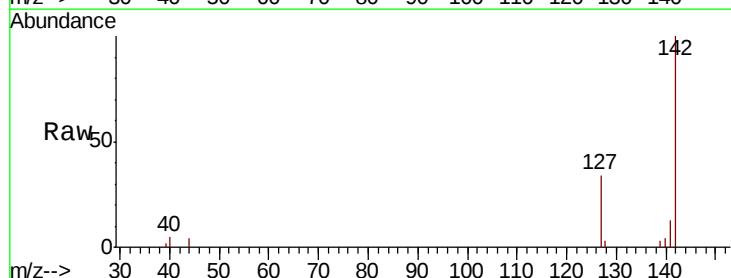
Tgt Ion:142 Resp: 7204

Ion Ratio Lower Upper

142 100

127 40.4 32.7 49.1

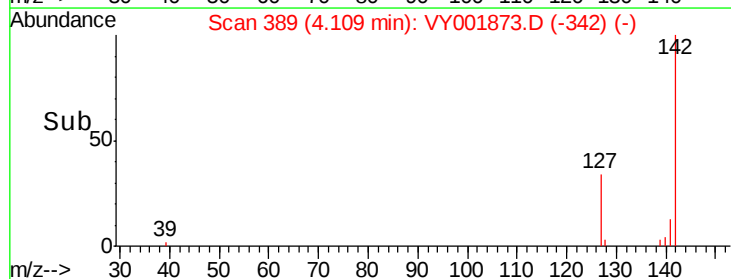
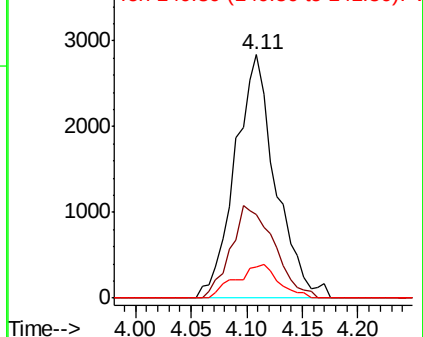
141 14.6 11.0 16.6

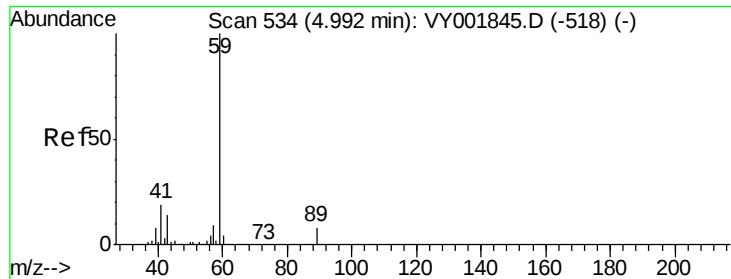


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



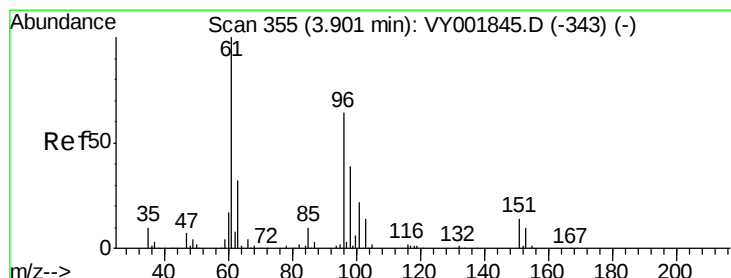
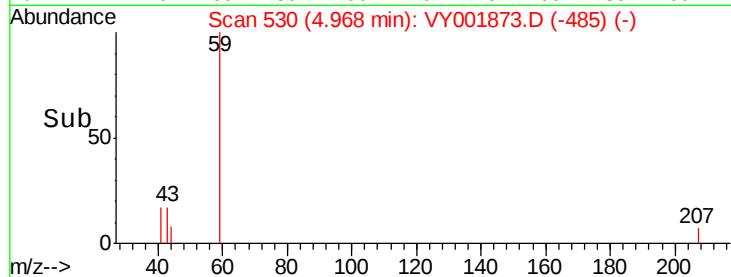
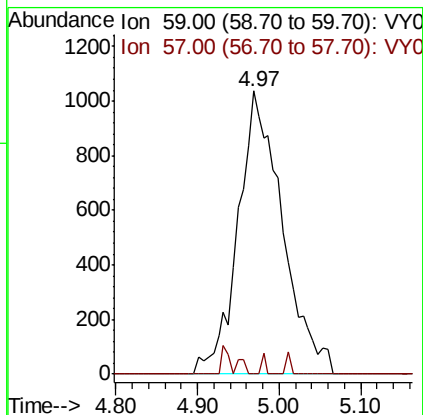
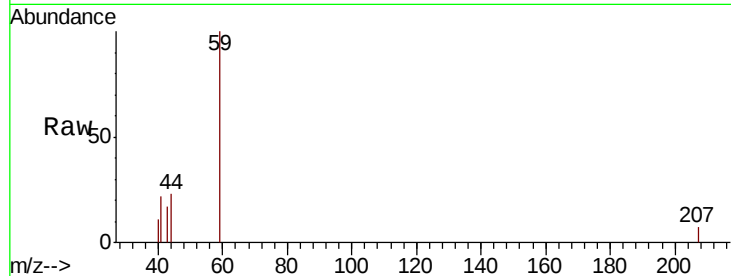


#11

Tert butyl alcohol
 Concen: 17.778 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :

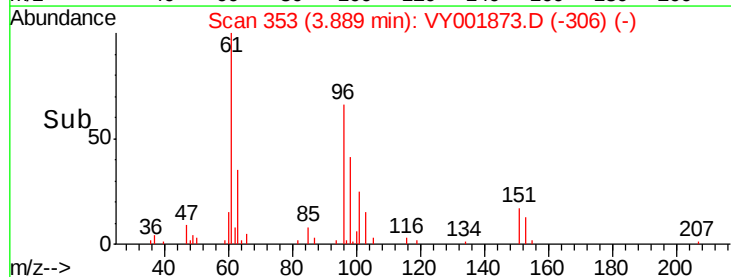
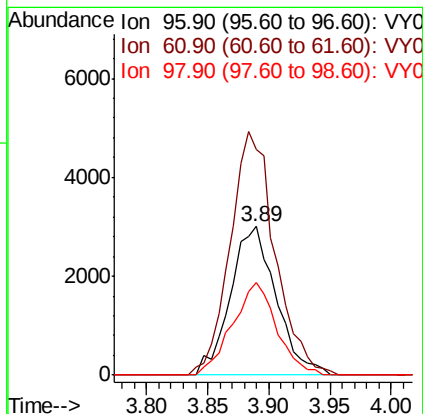
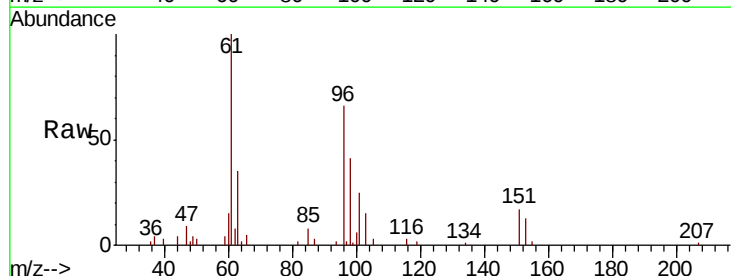
Tot Ion: 59 Resp: 3920
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

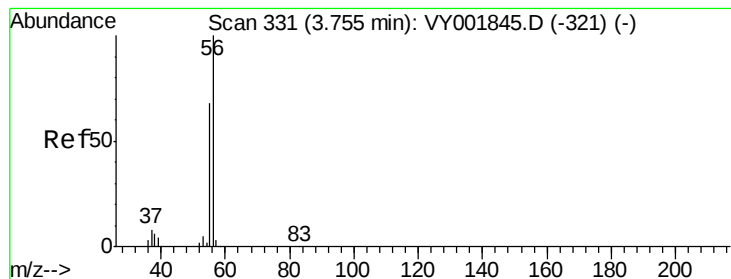


#12

1,1-Dichloroethene
 Concen: 4.139 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Tgt Ion: 96 Resp: 7786
 Ion Ratio Lower Upper
 96 100
 61 152.0 124.8 187.2
 98 62.6 49.2 73.8





#13

Acrolein

Concen: 18.713 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

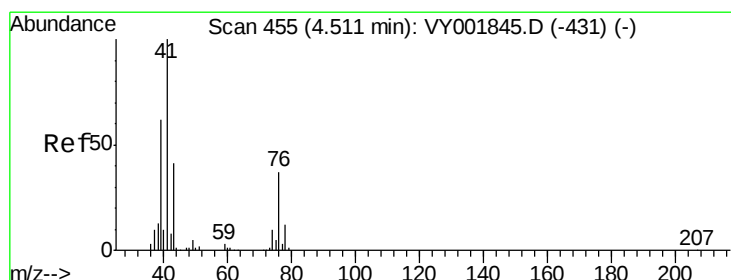
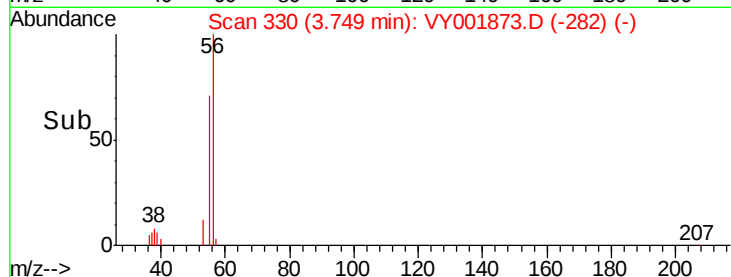
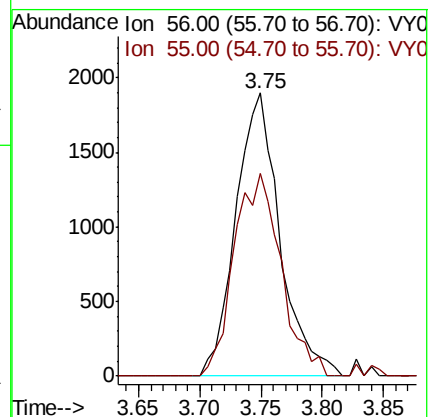
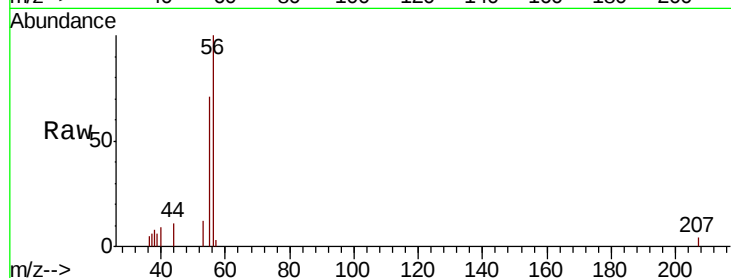
ClientSampled :

Tot Ion: 56 Resp: 4750

Ion Ratio Lower Upper

56 100

55 76.0 54.0 81.0



#14

Allyl chloride

Concen: 3.996 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

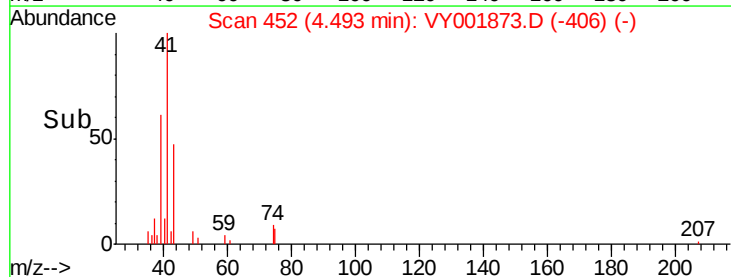
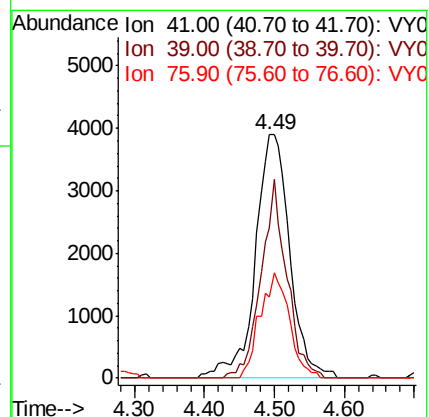
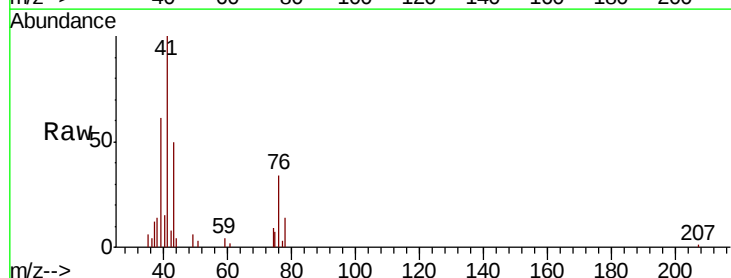
Tgt Ion: 41 Resp: 13328

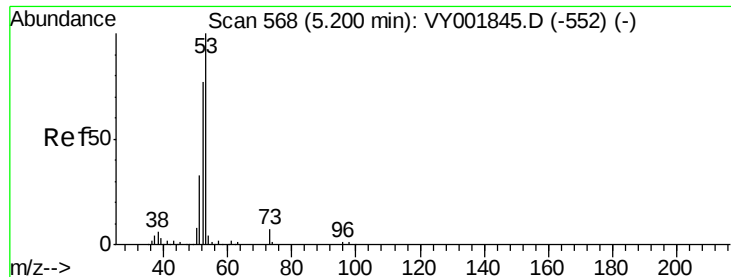
Ion Ratio Lower Upper

41 100

39 61.3 49.0 73.6

76 36.9 28.9 43.3





#15

Acrylonitrile

Concen: 20.211 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

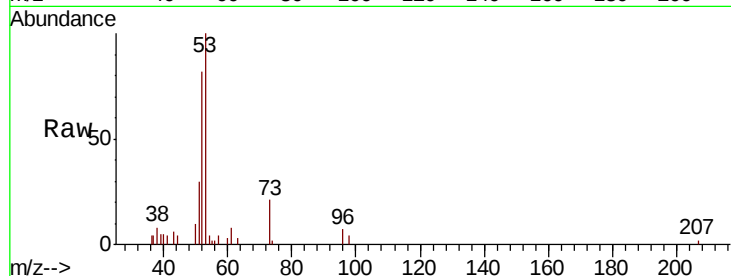
Tot Ion: 53 Resp: 12365

Ion Ratio Lower Upper

53 100

52 81.0 65.1 97.7

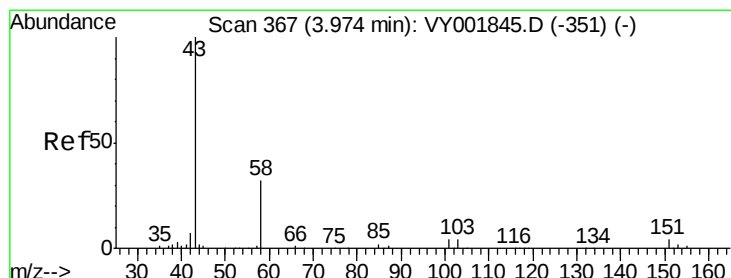
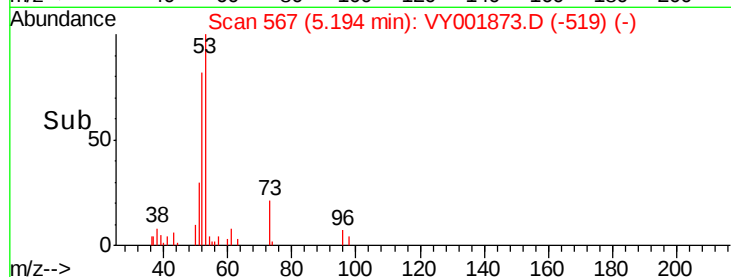
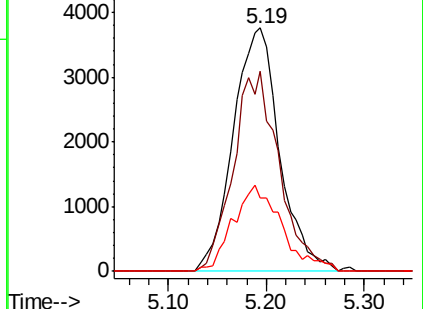
51 37.1 27.5 41.3



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: 20.201 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001873.D

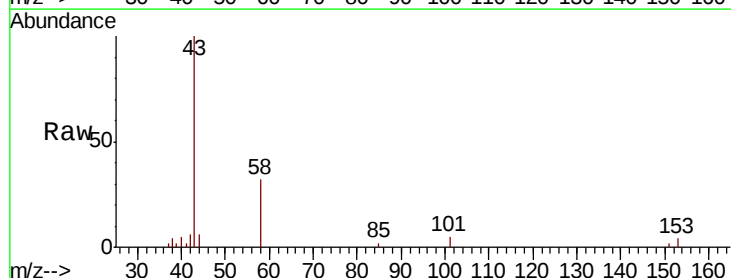
Acq: 05 Mar 2020 11:59

Tgt Ion: 43 Resp: 10628

Ion Ratio Lower Upper

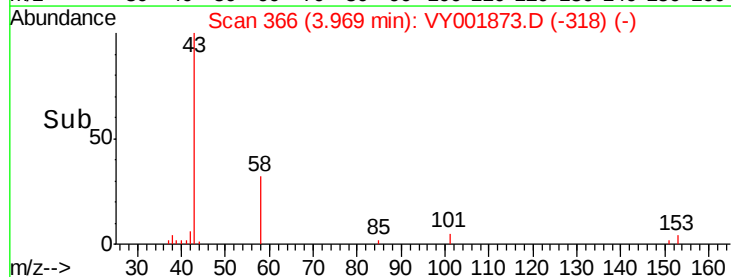
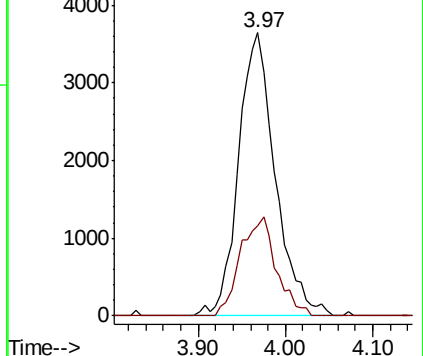
43 100

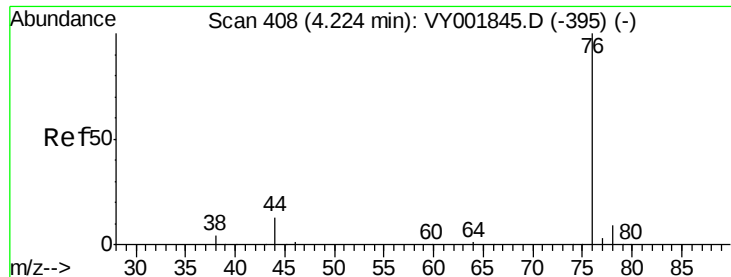
58 32.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

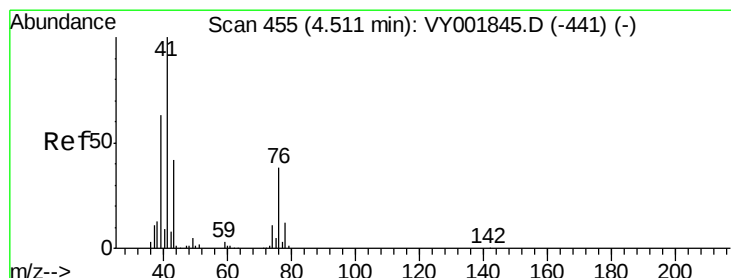
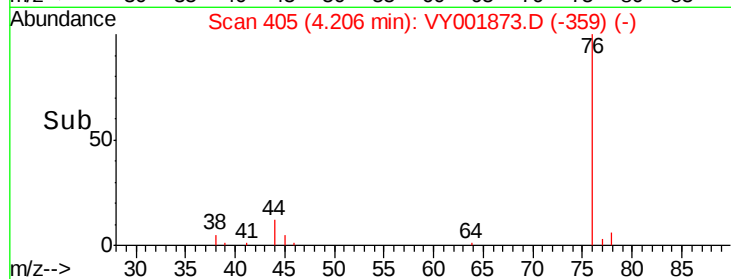
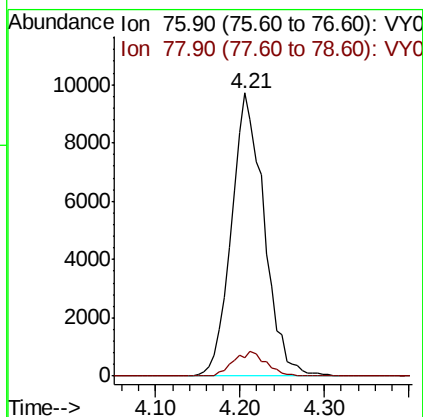
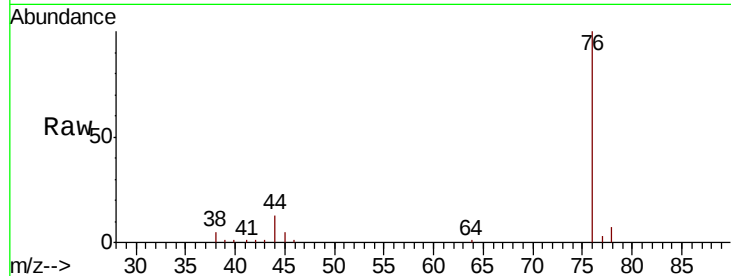




#17
Carbon Disulfide
Concen: 4.030 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.02 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

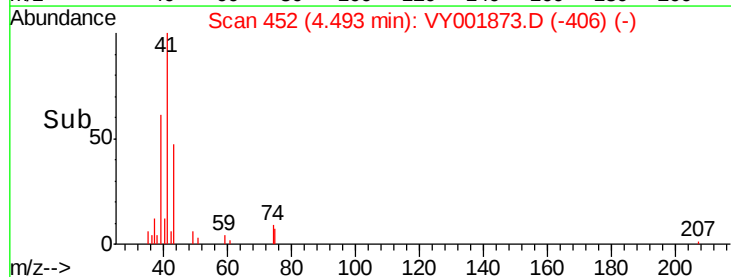
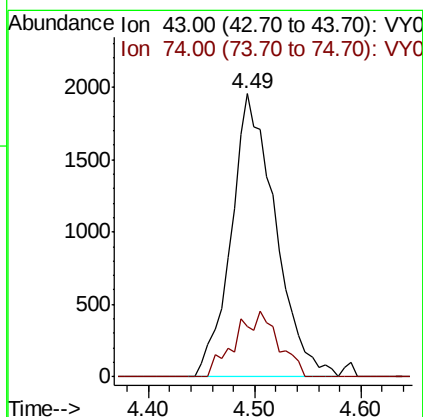
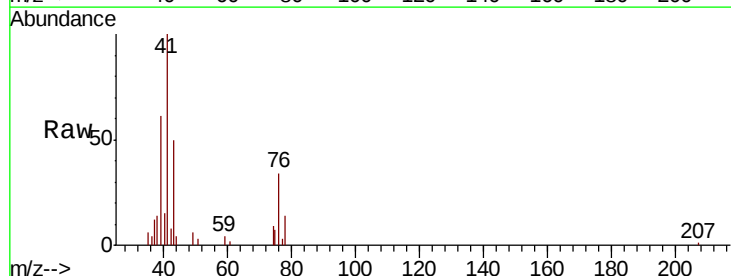
Instrument :
MSVOA_Y
ClientSampled :

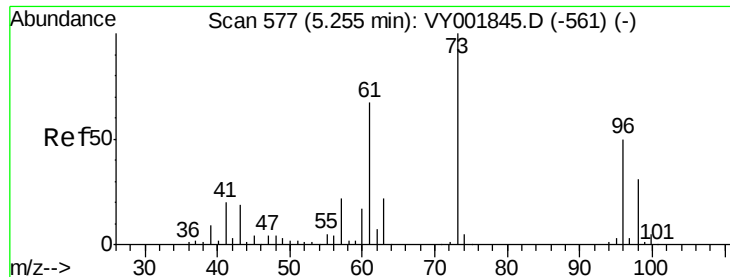
Tot Ion: 76 Resp: 25488
Ion Ratio Lower Upper
76 100
78 6.7 7.4 11.2#



#18
Methyl Acetate
Concen: 4.205 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.02 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 43 Resp: 5685
Ion Ratio Lower Upper
43 100
74 22.6 19.0 28.6

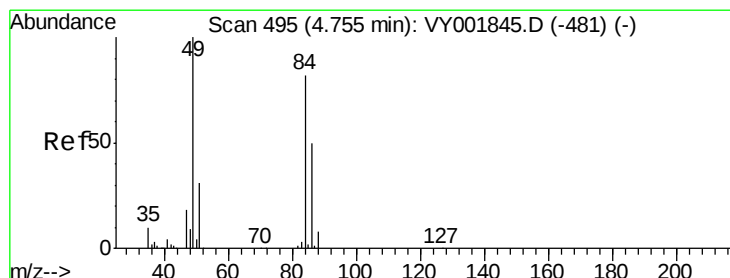
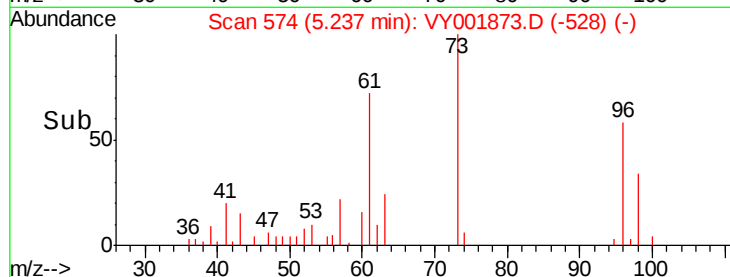
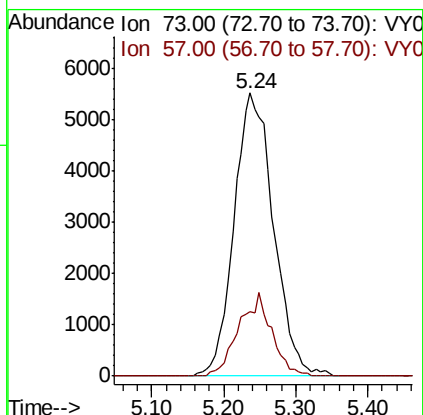
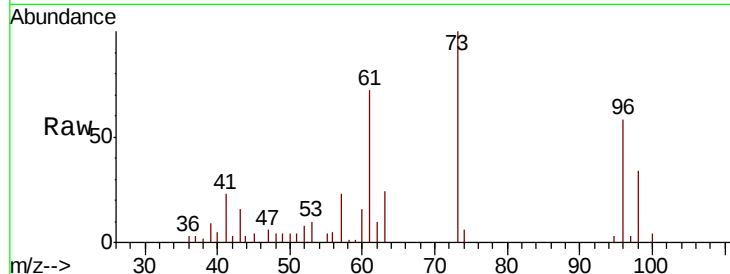




#19
Methyl tert-butyl Ether
Concen: 4.112 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

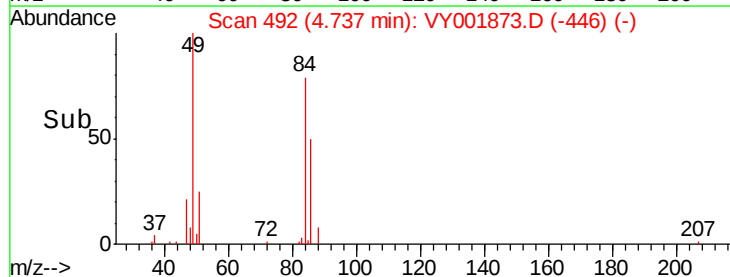
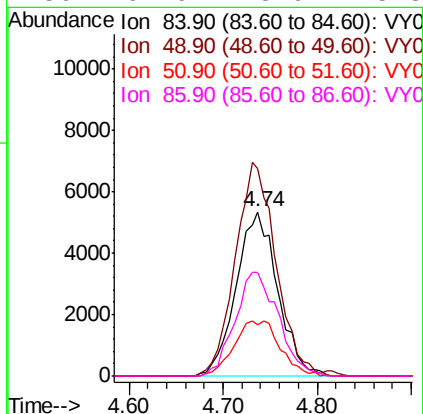
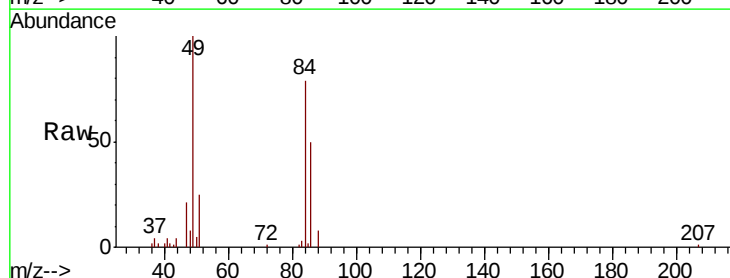
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 73 Resp: 20965
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2



#20
Methylene Chloride
Concen: 7.280 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 84 Resp: 16415
Ion Ratio Lower Upper
84 100
49 126.5 98.2 147.2
51 31.4 30.2 45.2
86 62.9 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 4.223 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampled :

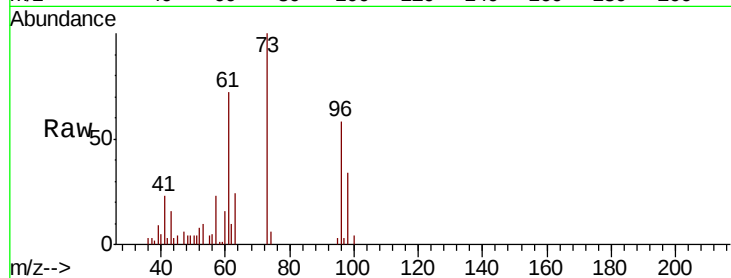
Tot Ion: 96 Resp: 9017

Ion Ratio Lower Upper

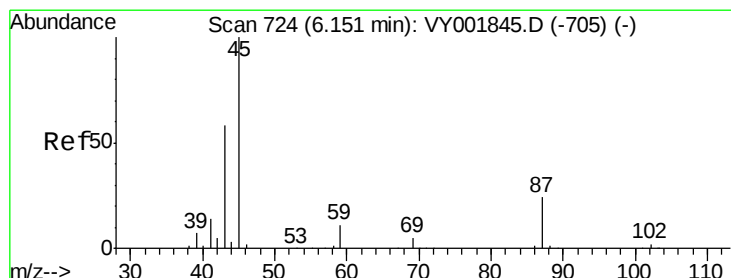
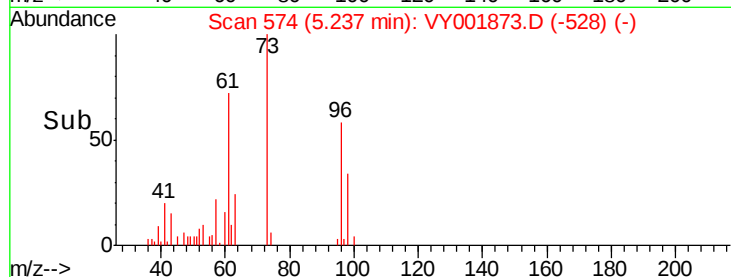
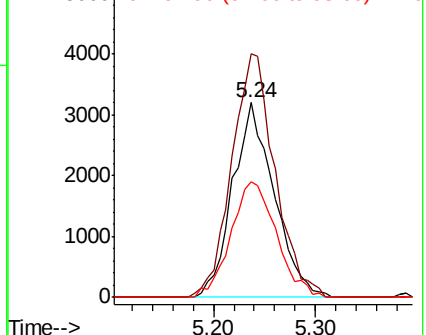
96 100

61 125.0 107.7 161.5

98 59.5 49.3 73.9



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: 4.073 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Tgt Ion: 45 Resp: 27841

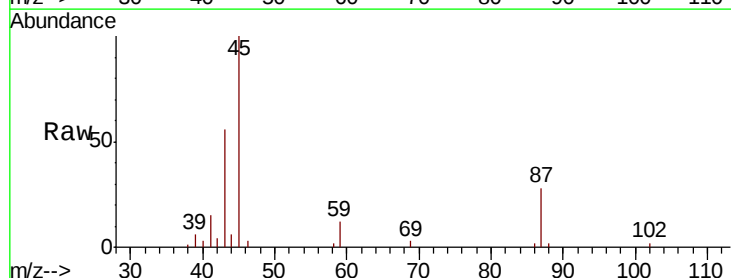
Ion Ratio Lower Upper

45 100

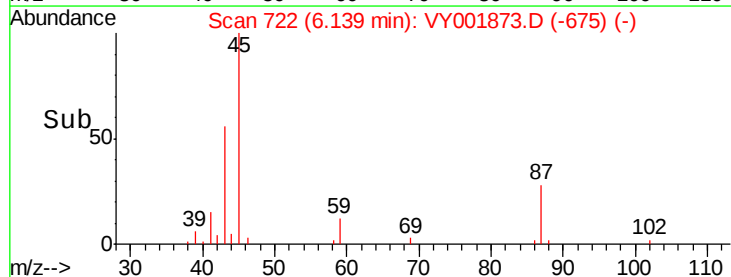
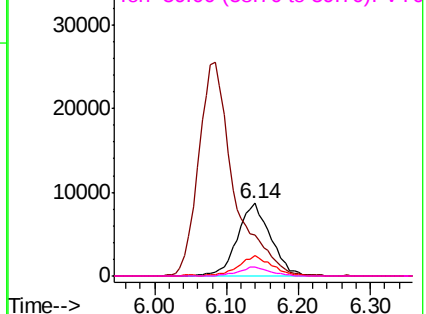
43 56.4 47.2 70.8

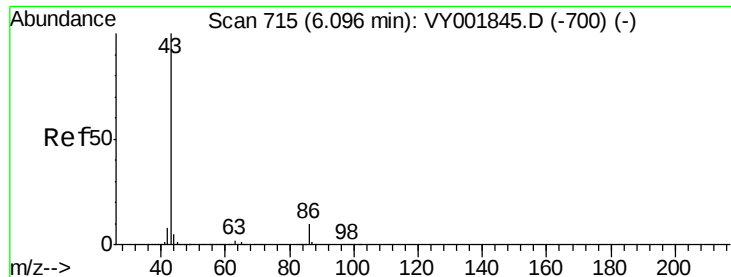
87 28.3 19.8 29.8

59 12.3 8.8 13.2



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: 19.371 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

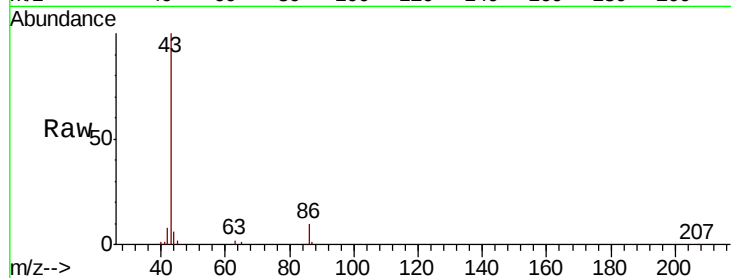
ClientSampled :

Tot Ion: 43 Resp: 86816

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

25000

20000

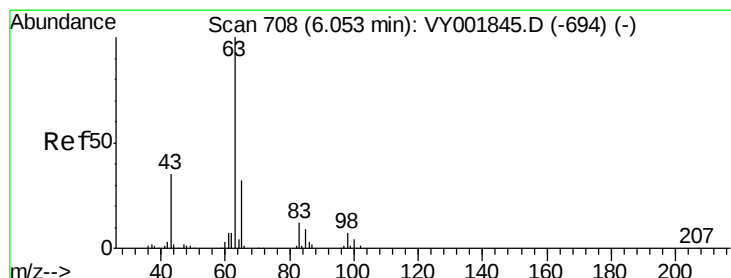
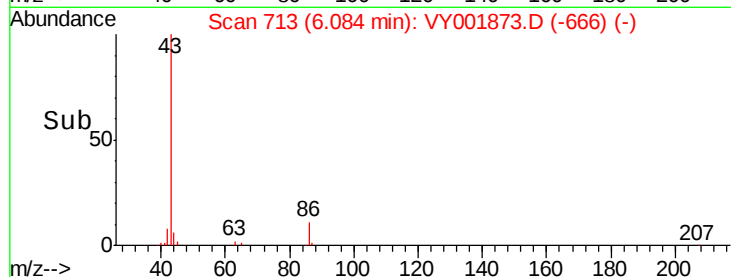
15000

10000

5000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 4.073 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

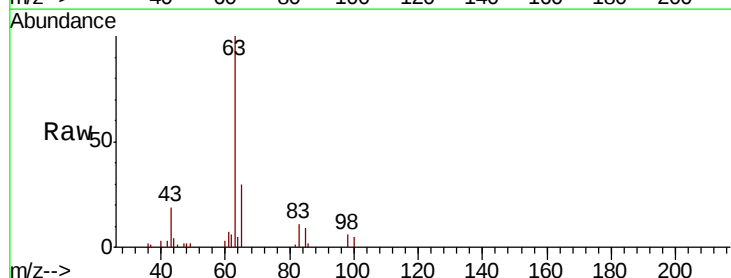
Tgt Ion: 63 Resp: 15077

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 5.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

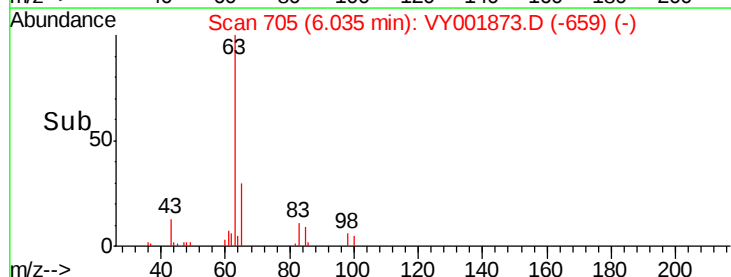
6000

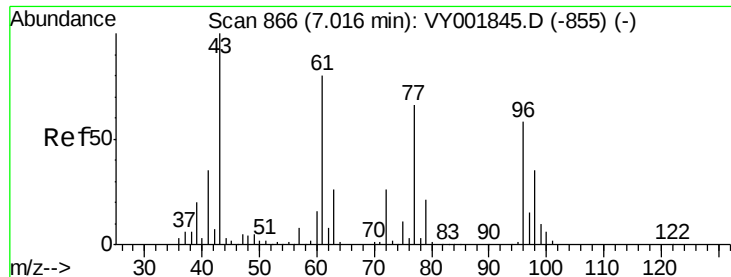
4000

2000

0

Time--> 5.90 6.00 6.10

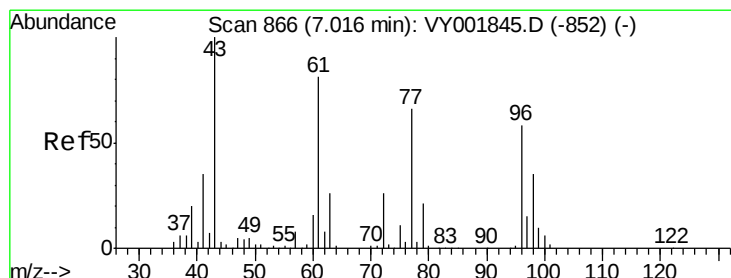
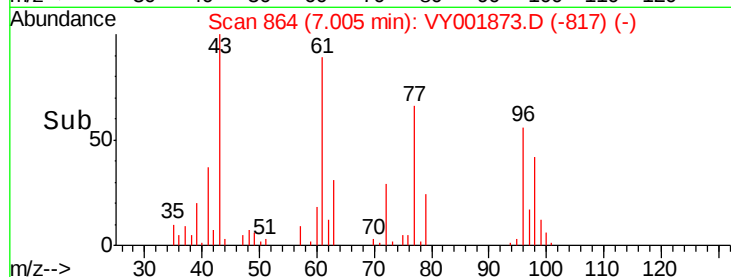
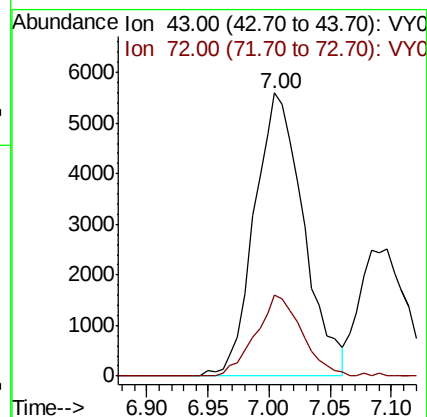
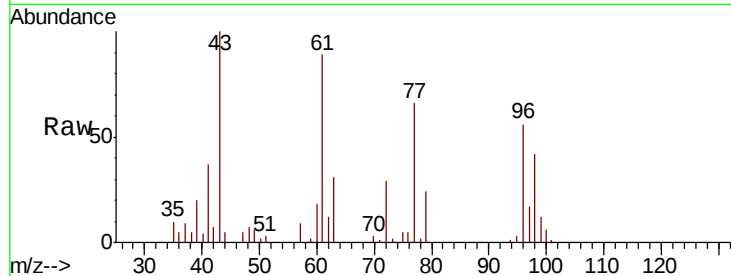




#25
2-Butanone
Concen: 19.523 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

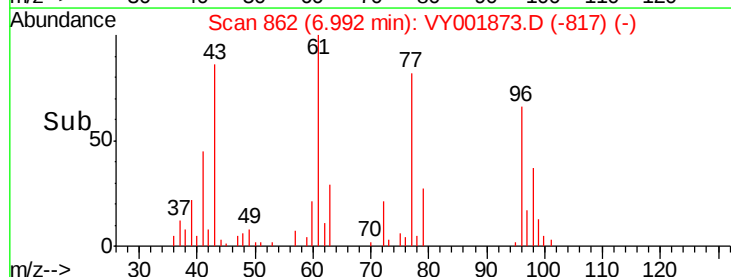
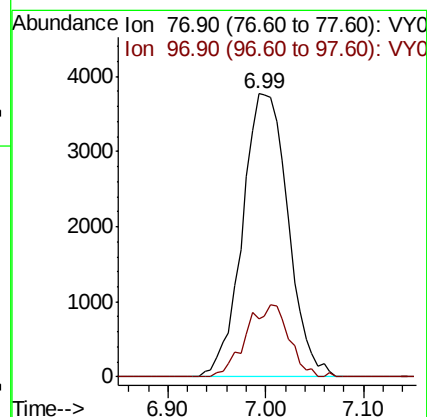
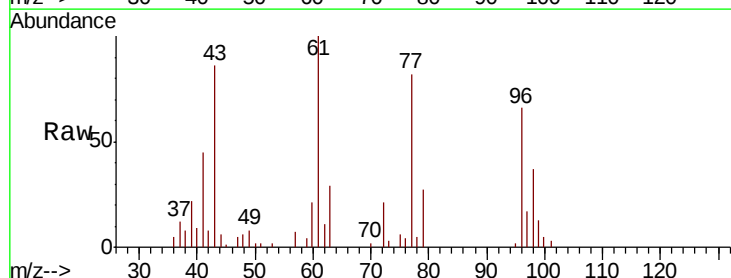
Instrument :
MSVOA_Y
ClientSampled :

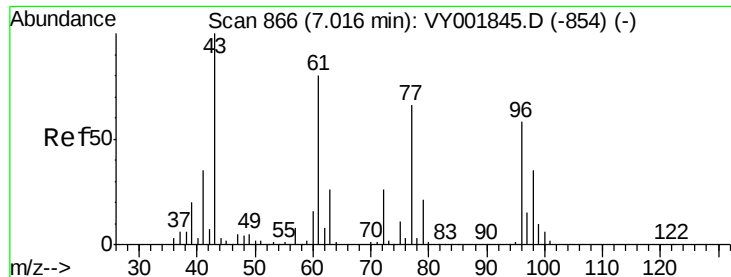
Tot Ion: 43 Resp: 15620
Ion Ratio Lower Upper
43 100
72 28.6 20.9 31.3



#26
2,2-Dichloropropane
Concen: 4.010 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 77 Resp: 12184
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7



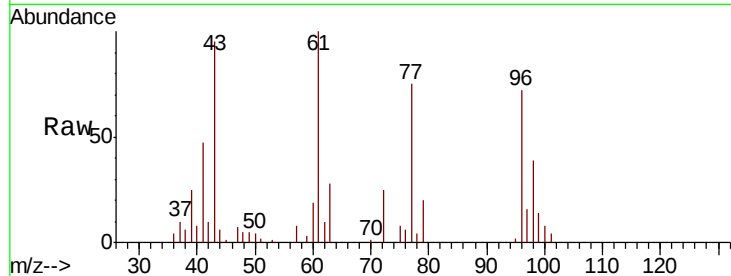


#27

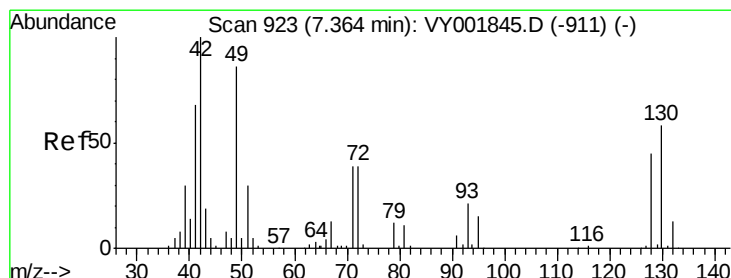
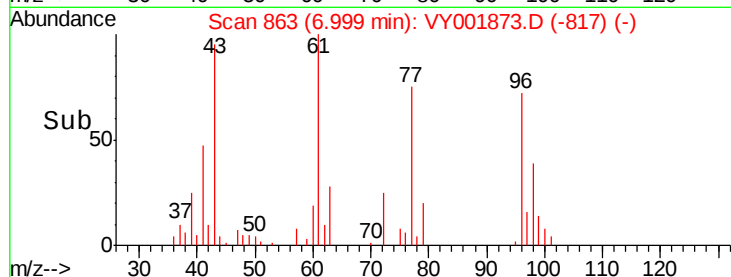
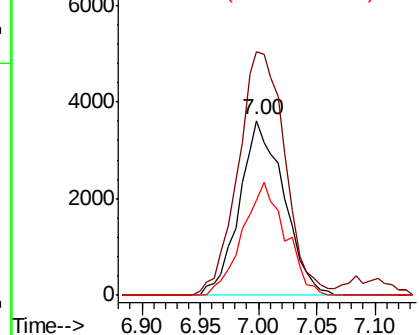
cis-1,2-Dichloroethene
Concen: 4.113 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 9553
Ion Ratio Lower Upper
96 100
61 147.3 0.0 288.2
98 62.7 0.0 129.0



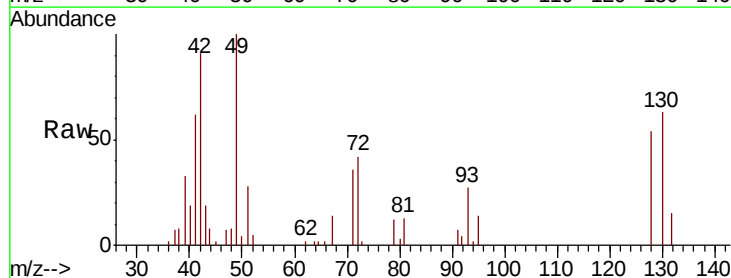
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



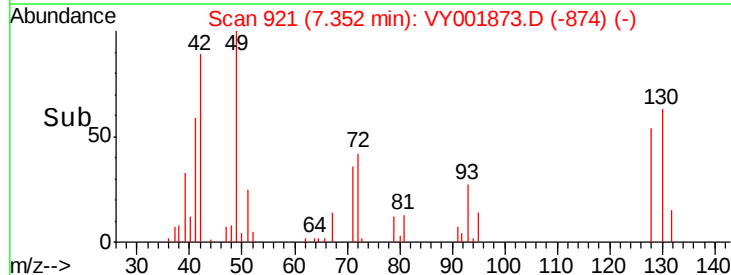
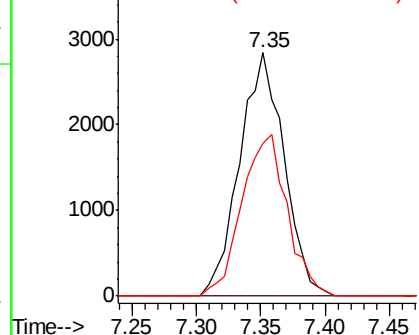
#28

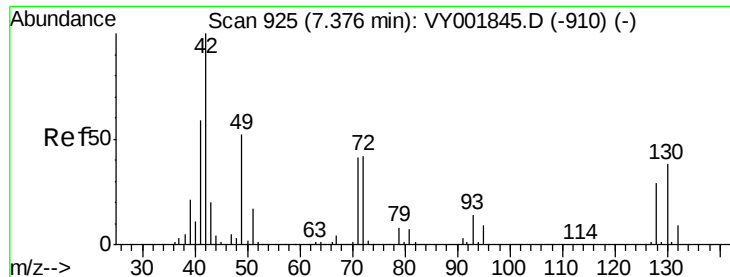
Bromochloromethane
Concen: 4.082 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 49 Resp: 6812
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 67.6 54.4 81.6



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





#29

Tetrahydrofuran

Concen: 19.226 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

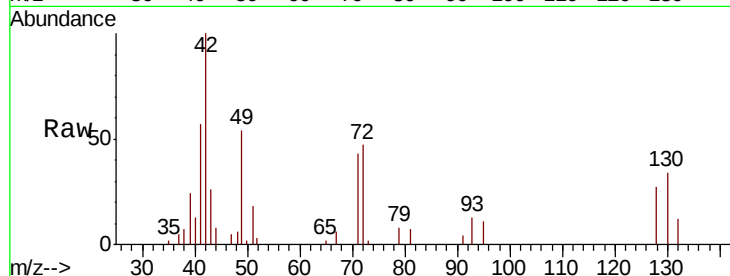
Tot Ion: 42 Resp: 10215

Ion Ratio Lower Upper

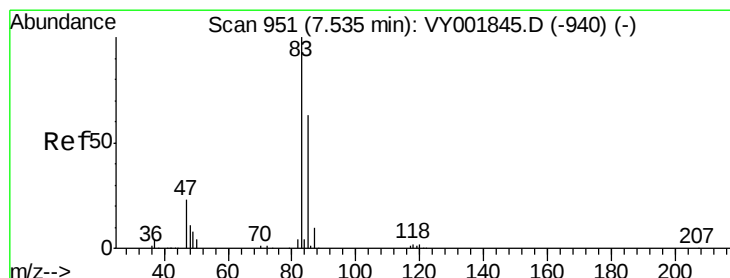
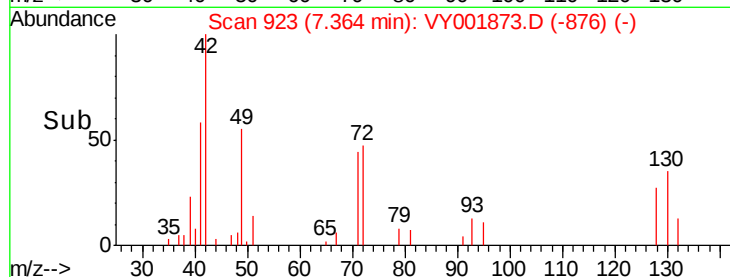
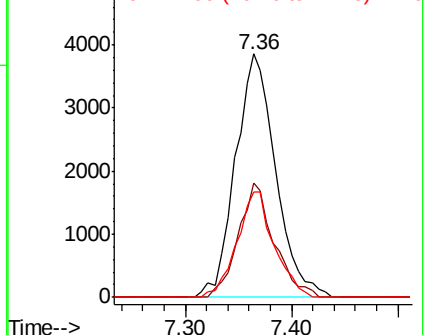
42 100

72 41.9 33.5 50.3

71 40.0 31.3 46.9



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: 4.191 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

Lab File: VY001873.D

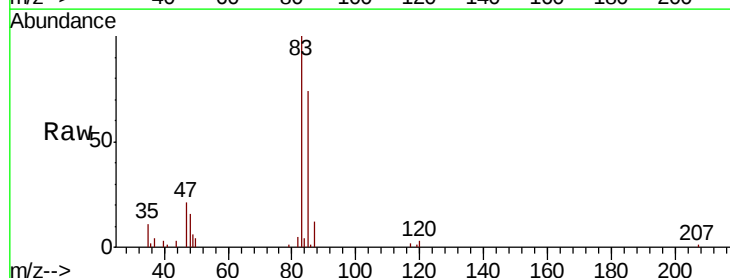
Acq: 05 Mar 2020 11:59

Tgt Ion: 83 Resp: 14576

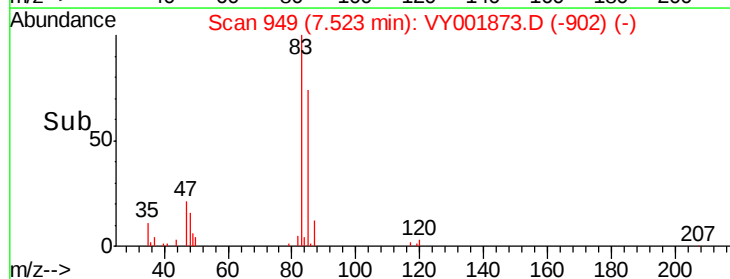
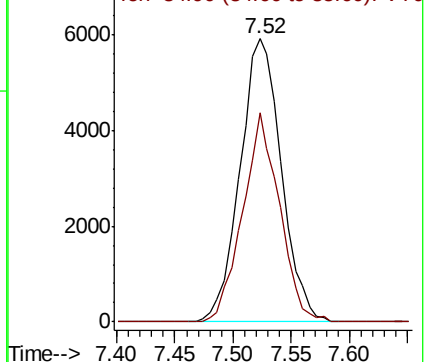
Ion Ratio Lower Upper

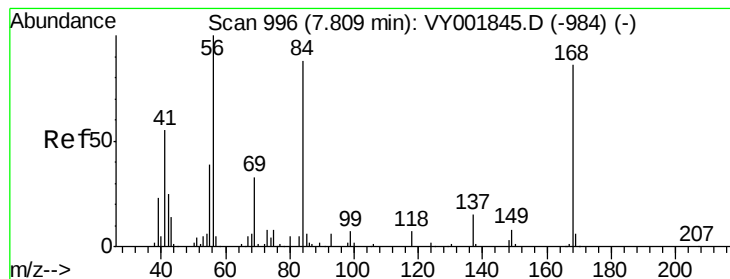
83 100

85 73.8 50.7 76.1



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





#31

Cyclohexane

Concen: 4.824 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

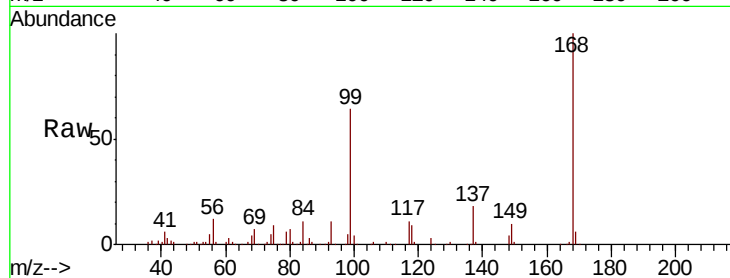
Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

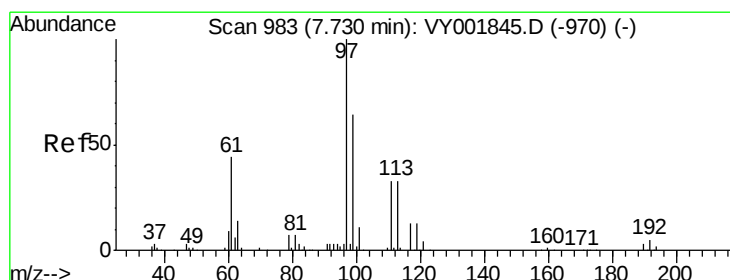
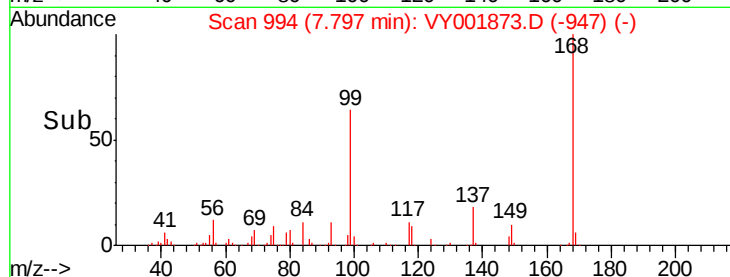
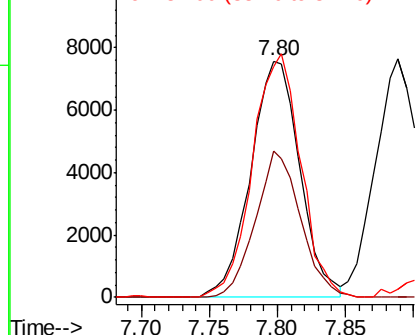
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 19147

Ion	Ratio	Lower	Upper
56	100		
69	62.1	26.7	40.1#
84	97.8	70.4	105.6



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: 4.080 ug/l

RT: 7.71 min Scan# 980

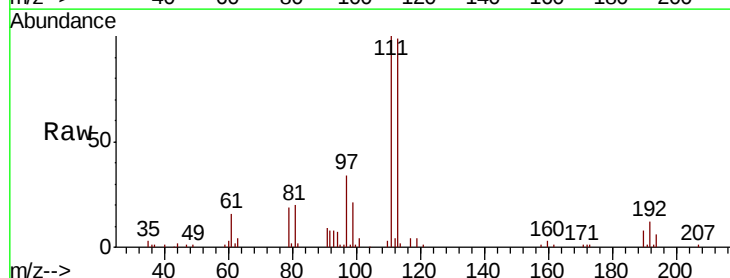
Delta R.T. -0.02 min

Lab File: VY001873.D

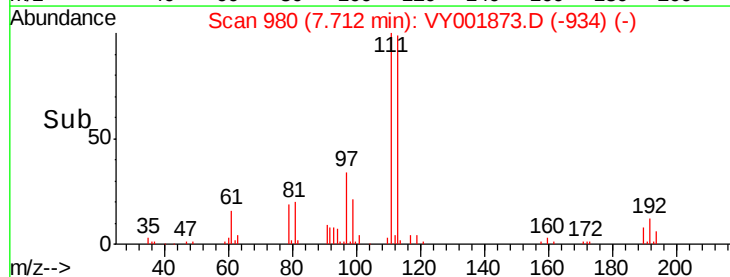
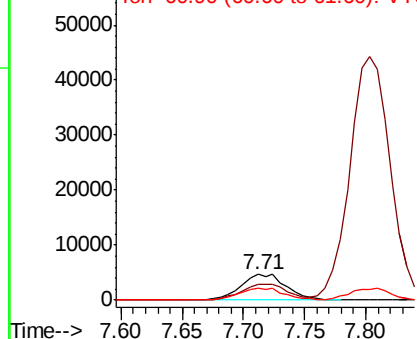
Acq: 05 Mar 2020 11:59

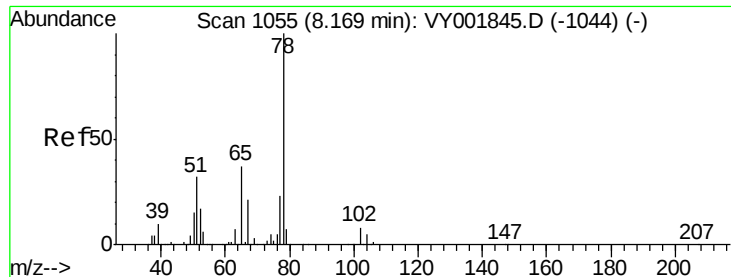
Tgt Ion: 97 Resp: 11961

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	46.1	35.0	52.4



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: 51.415 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

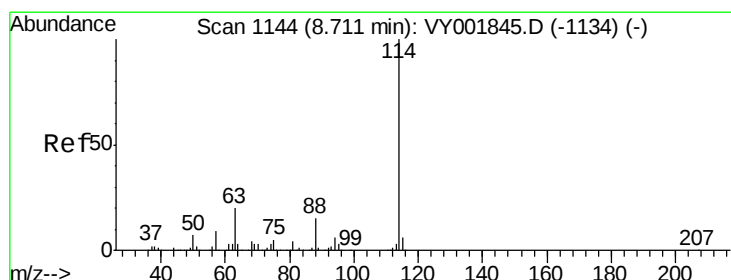
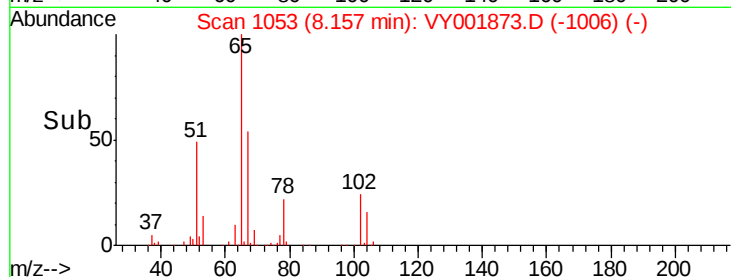
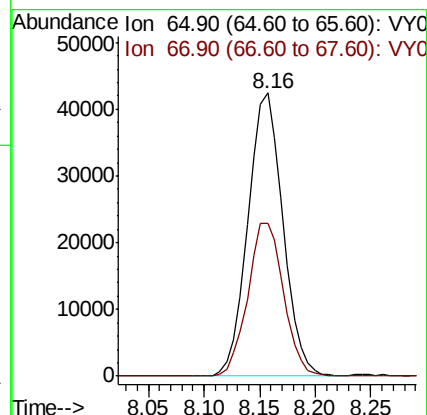
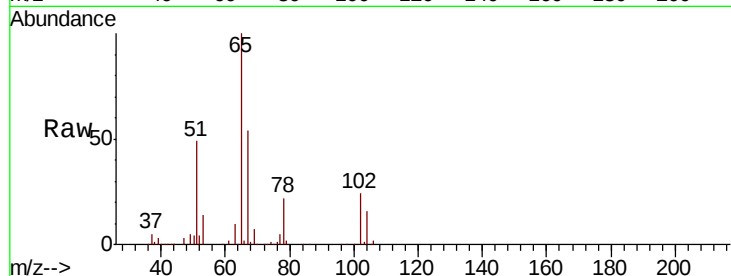
ClientSampleId :

Tot Ion: 65 Resp: 92873

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

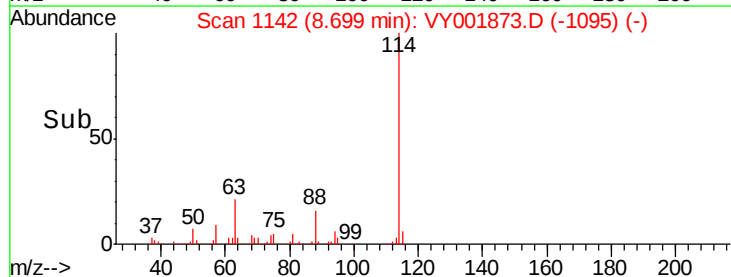
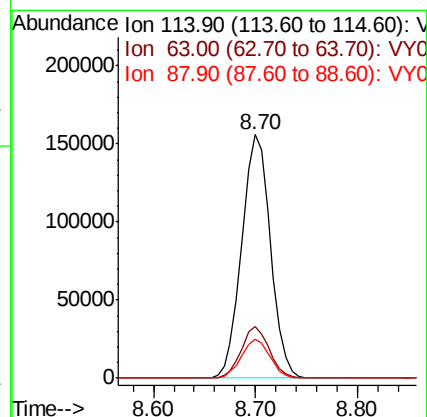
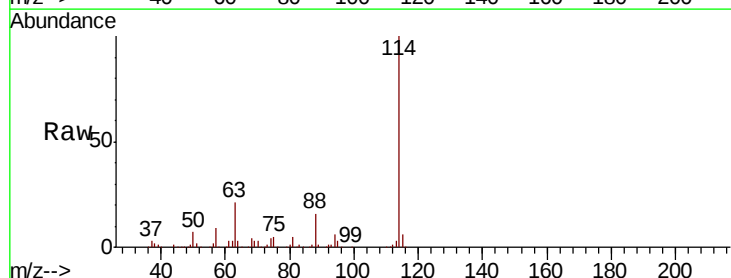
Tgt Ion: 114 Resp: 303506

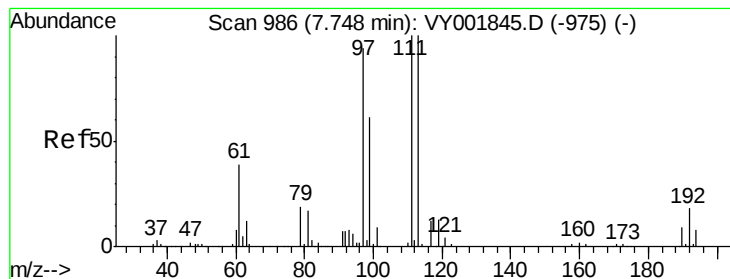
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.919 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

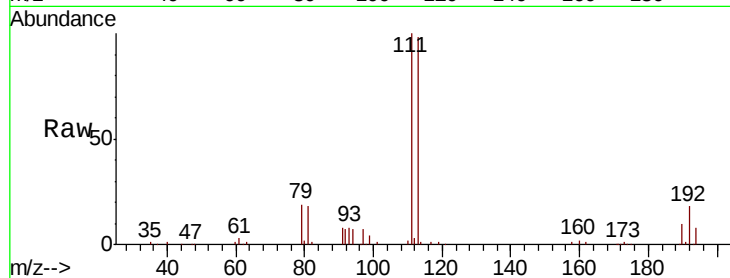
Tot Ion:113 Resp: 86044

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

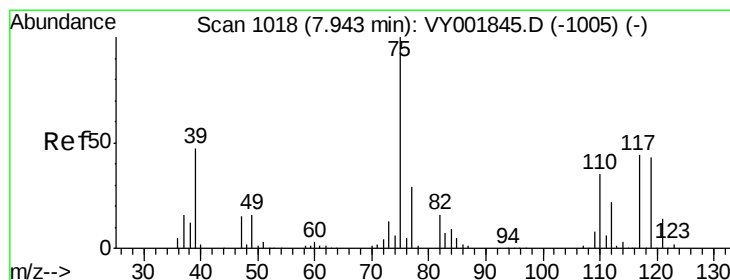
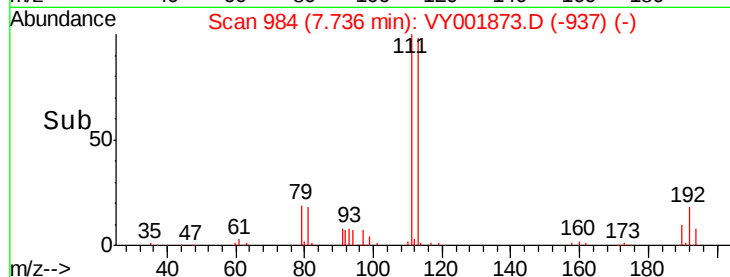
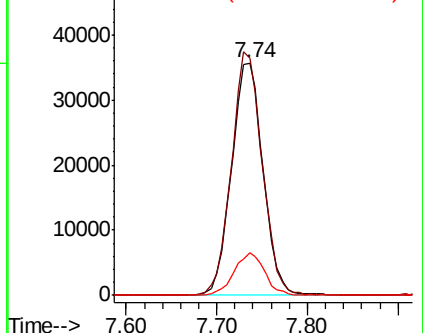
192 17.7 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.095 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.02 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

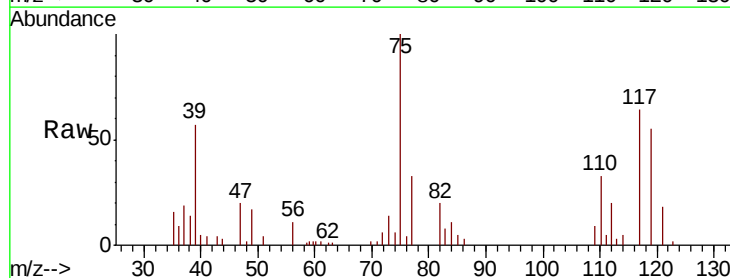
Tgt Ion: 75 Resp: 11959

Ion Ratio Lower Upper

75 100

110 33.9 17.4 52.2

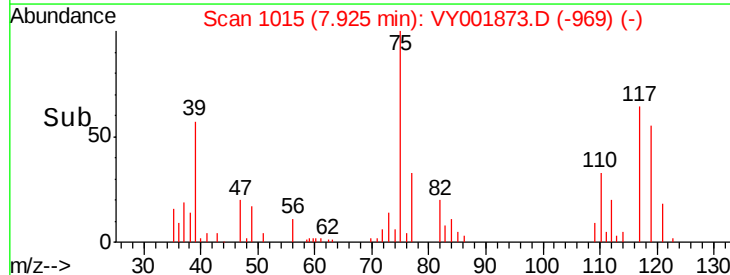
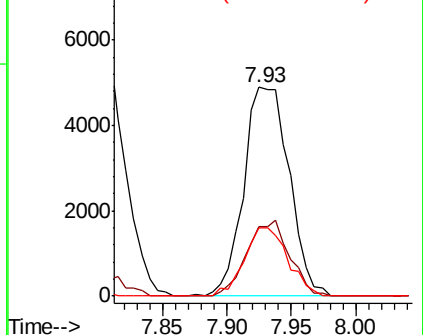
77 31.3 24.2 36.2

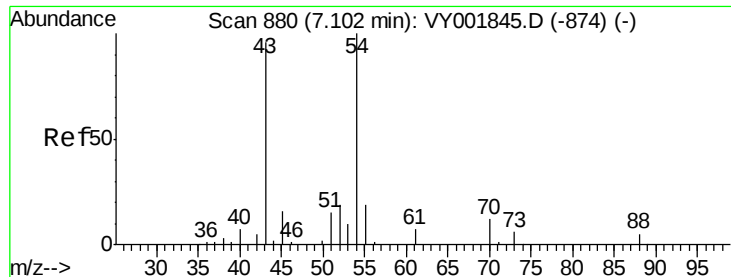


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

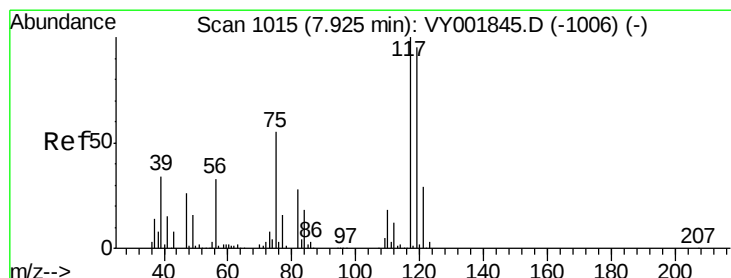
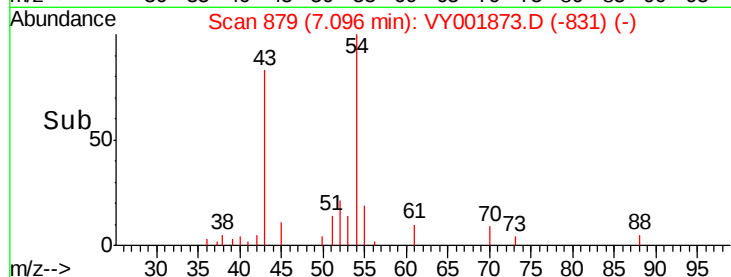
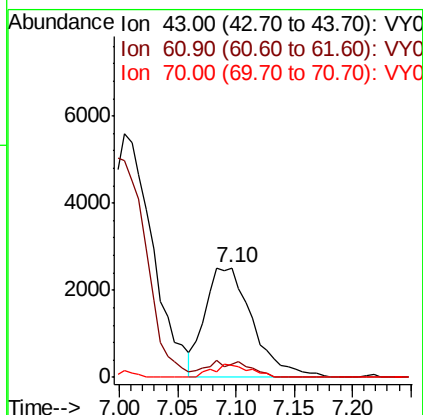
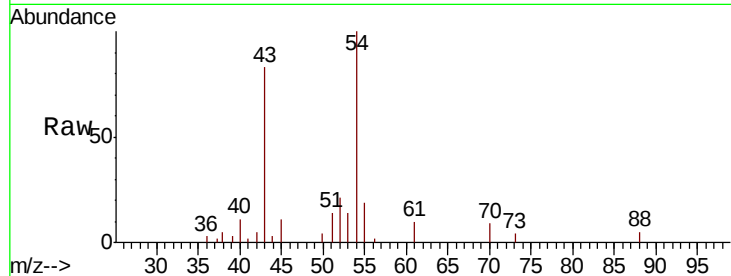




#37
Ethyl Acetate
Concen: 4.206 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

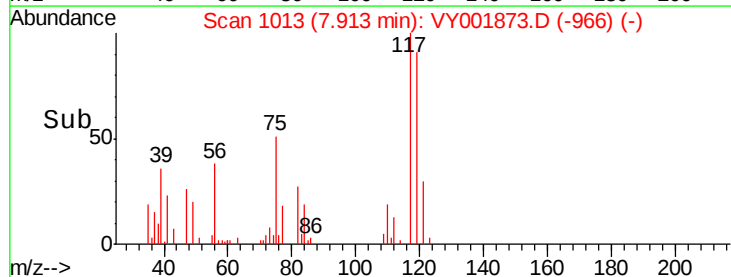
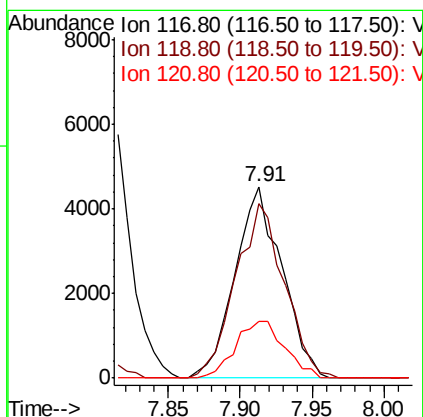
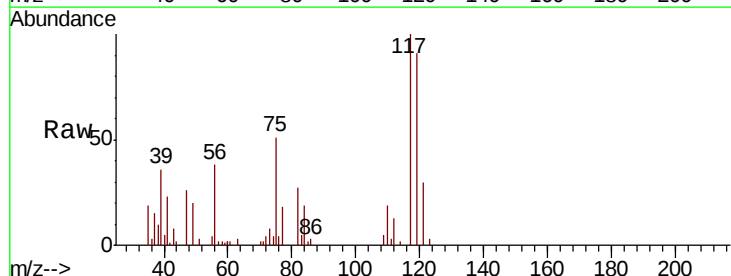
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 7140
Ion Ratio Lower Upper
43 100
61 12.6 11.1 16.7
70 9.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 4.117 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 117 Resp: 10273
Ion Ratio Lower Upper
117 100
119 91.0 76.3 114.5
121 29.8 23.5 35.3

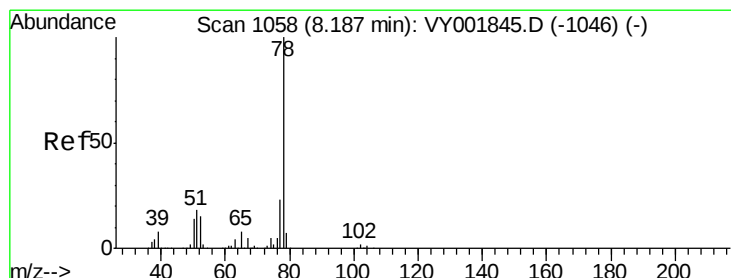
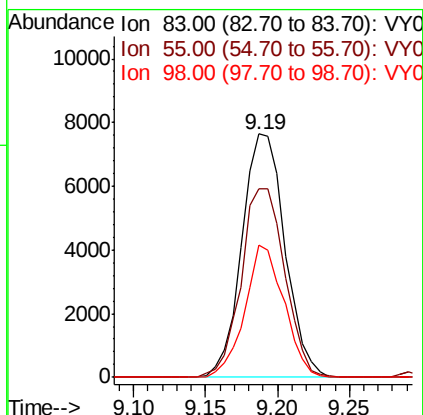
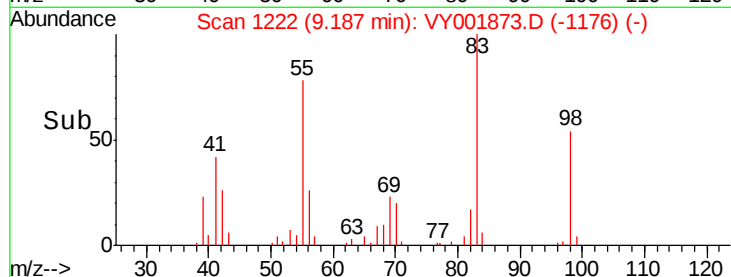
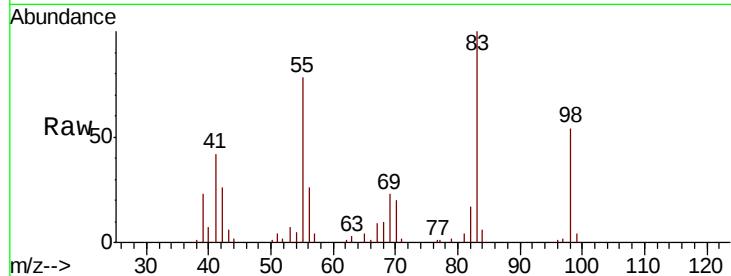




#39
Methvlcvclohexane
Concen: 4.085 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

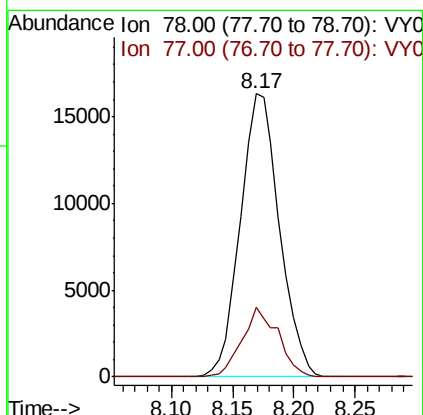
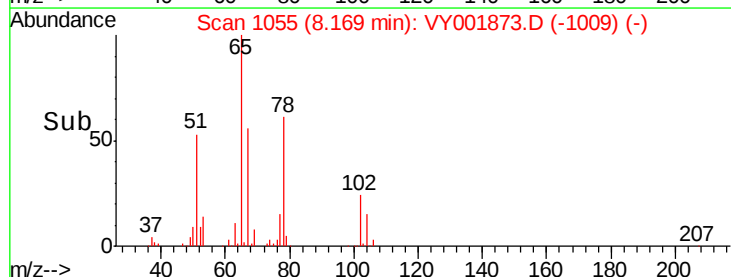
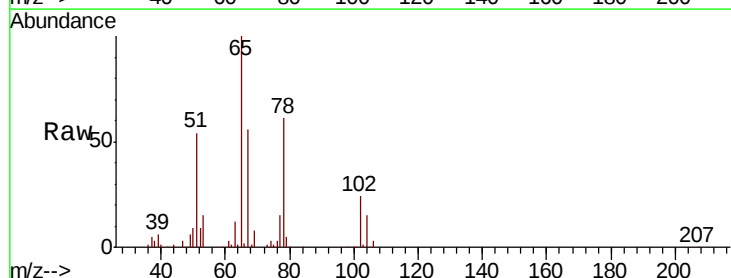
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 15826
Ion Ratio Lower Upper
83 100
55 77.5 59.4 89.0
98 54.4 38.9 58.3



#40
Benzene
Concen: 4.192 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 78 Resp: 36288
Ion Ratio Lower Upper
78 100
77 24.7 18.7 28.1

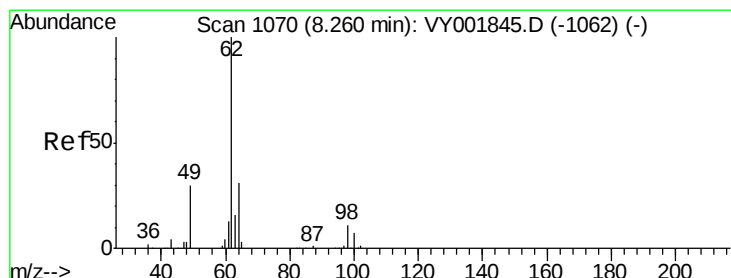
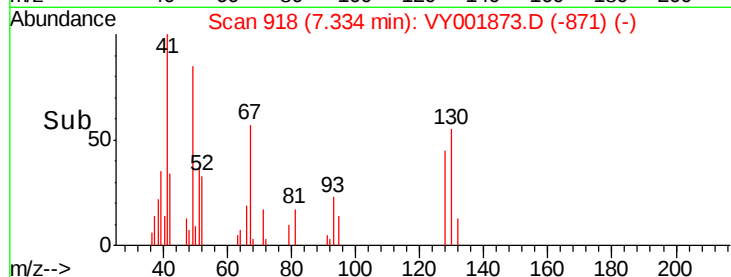
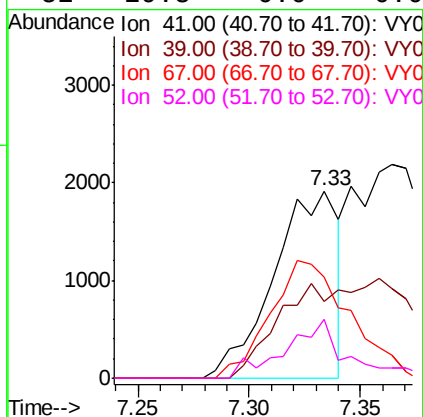
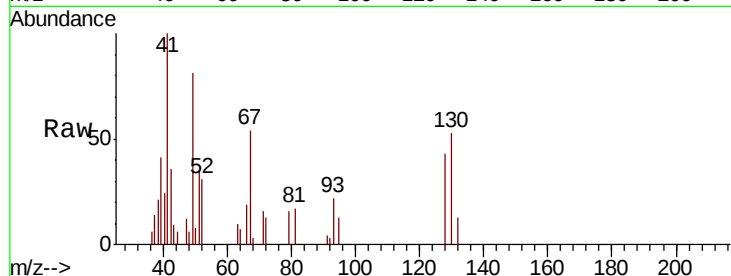




#41
Methacrylonitrile
Concen: 5.076 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

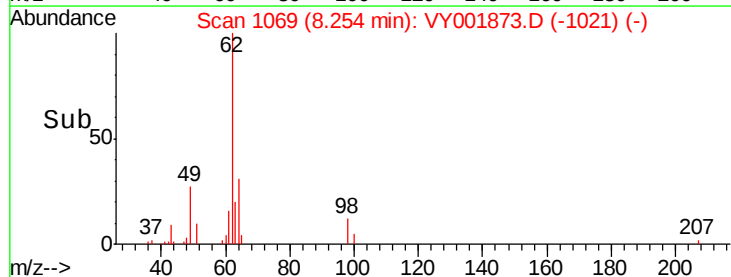
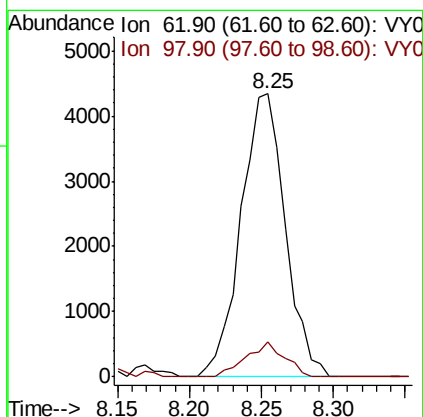
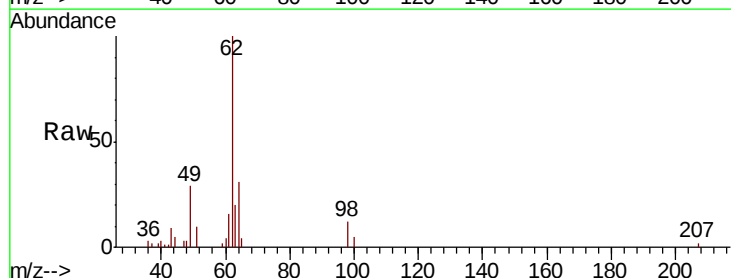
Instrument :
MSVOA_Y
ClientSampled :

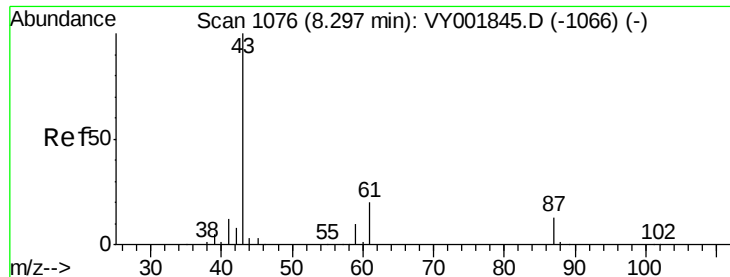
Tot Ion: 41 Resp: 3878
Ion Ratio Lower Upper
41 100
39 39.4 111.7 167.5#
67 76.7 0.0 0.0#
52 29.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 4.144 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 62 Resp: 9243
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4





#43

Isopropyl Acetate

Concen: 4.005 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

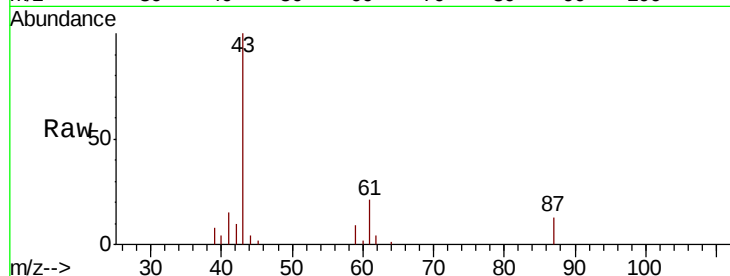
Tot Ion: 43 Resp: 12871

Ion Ratio Lower Upper

43 100

61 30.9 23.8 35.6

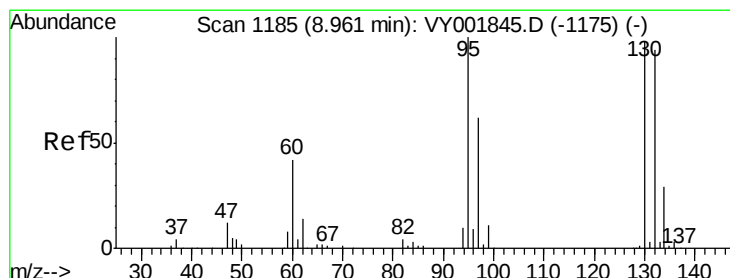
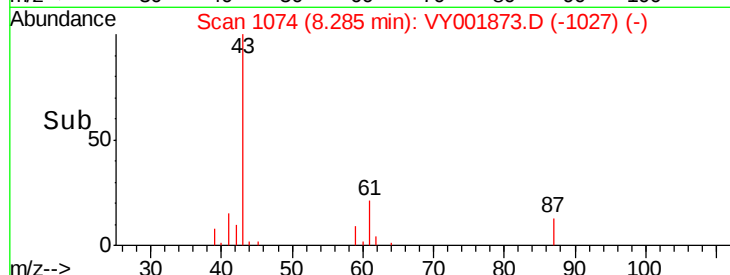
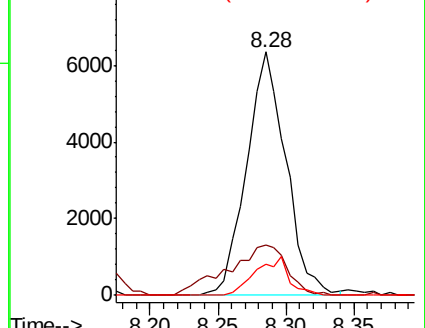
87 13.5 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001845.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001845.D (-1066) (-)



#44

Trichloroethene

Concen: 3.965 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VY001873.D

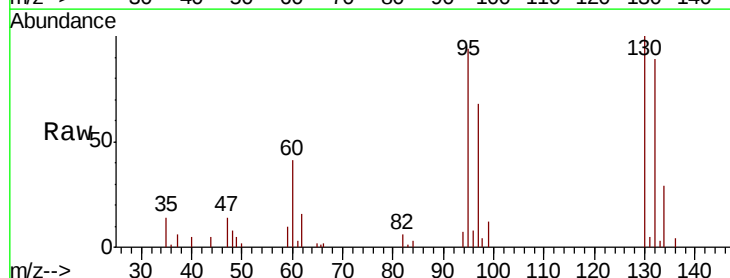
Acq: 05 Mar 2020 11:59

Tgt Ion: 130 Resp: 8360

Ion Ratio Lower Upper

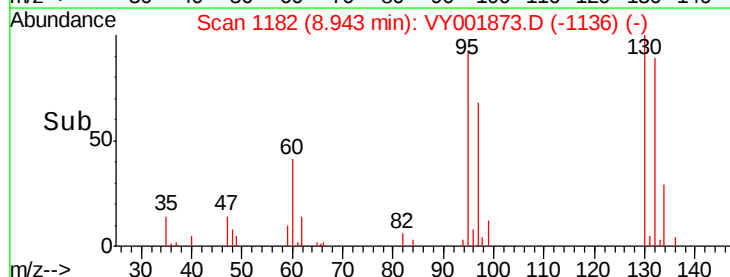
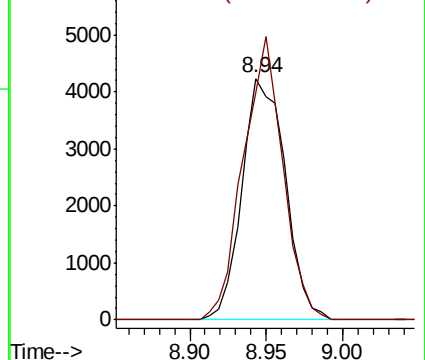
130 100

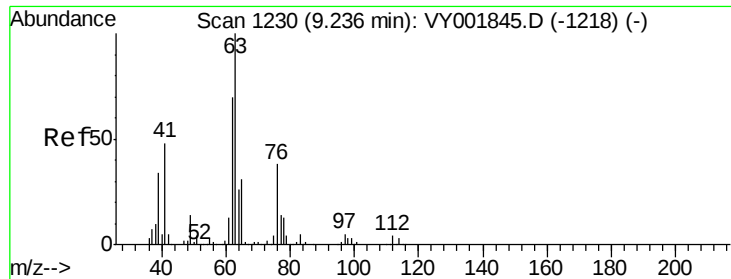
95 94.0 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001845.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001845.D (-1175) (-)

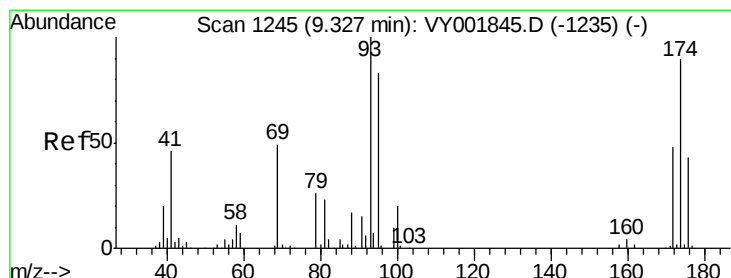
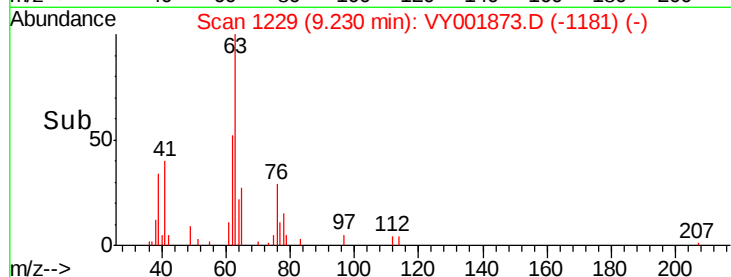
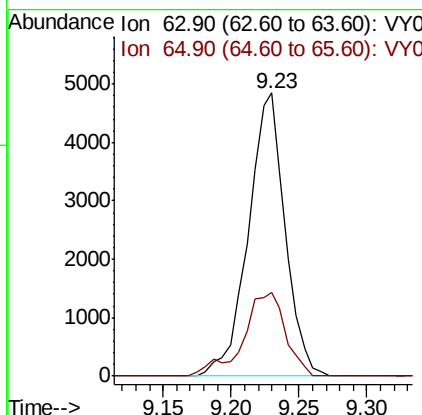
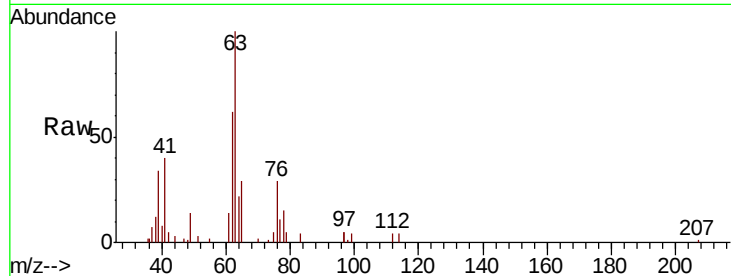




#45
 1,2-Dichloropropane
 Concen: 4.219 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

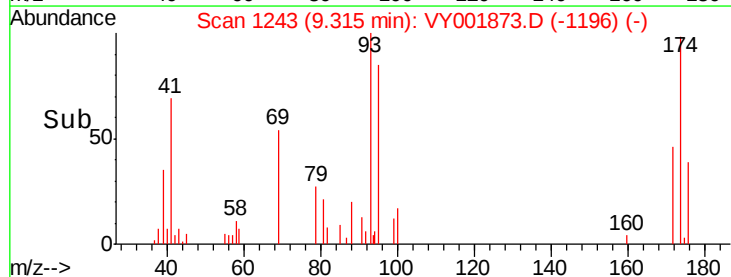
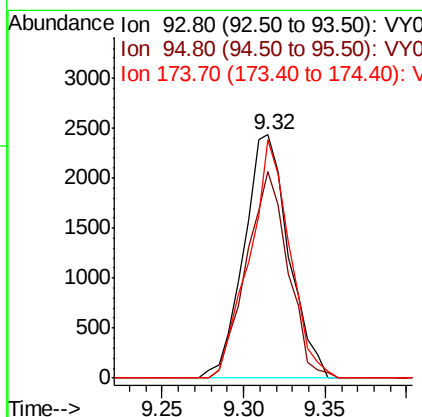
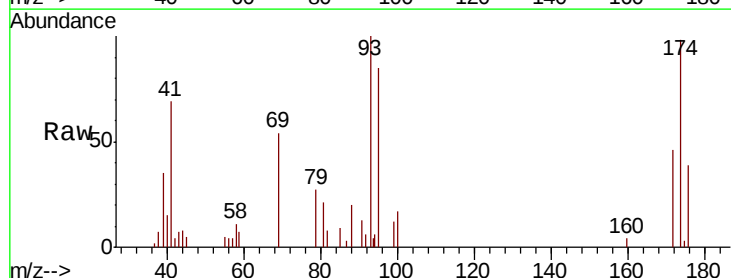
Instrument :
 MSVOA_Y
 ClientSampleId :

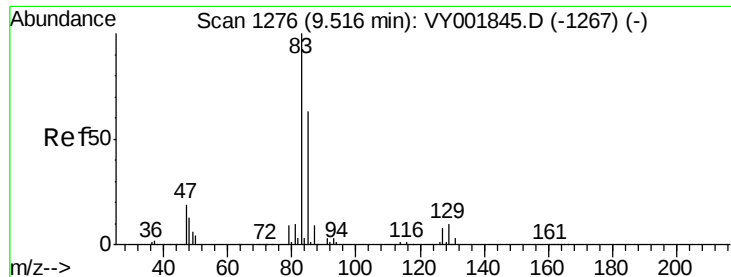
Tot Ion: 63 Resp: 9181
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.9 37.3



#46
 Dibromomethane
 Concen: 4.155 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Tgt Ion: 93 Resp: 4660
 Ion Ratio Lower Upper
 93 100
 95 78.9 67.0 100.4
 174 88.1 71.8 107.8





#47

Bromodichloromethane

Concen: 4.069 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

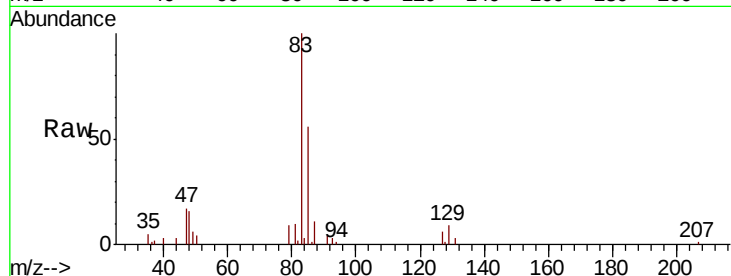
Tot Ion: 83 Resp: 10615

Ion Ratio Lower Upper

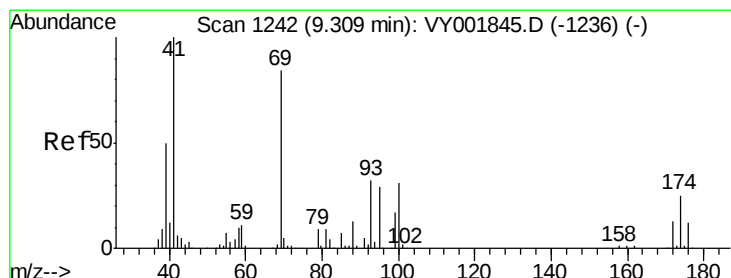
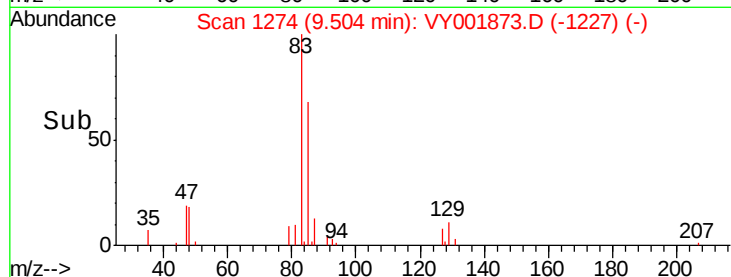
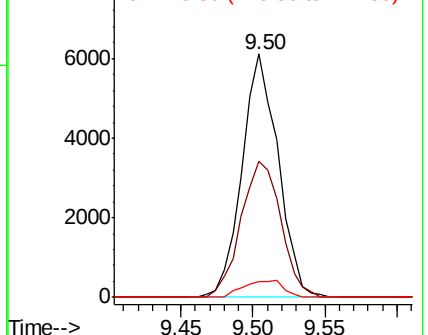
83 100

85 56.0 50.6 76.0

127 6.4 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): V



#48

Methyl methacrylate

Concen: 4.240 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

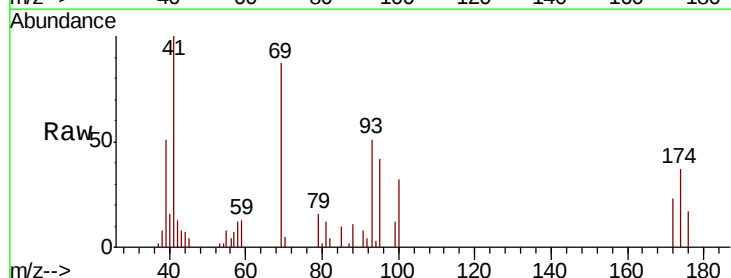
Tgt Ion: 41 Resp: 6047

Ion Ratio Lower Upper

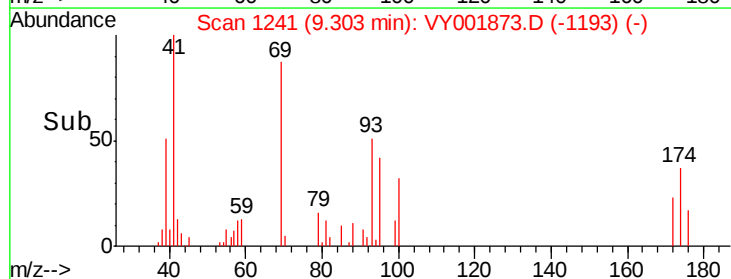
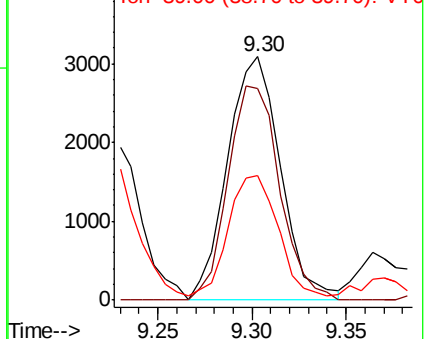
41 100

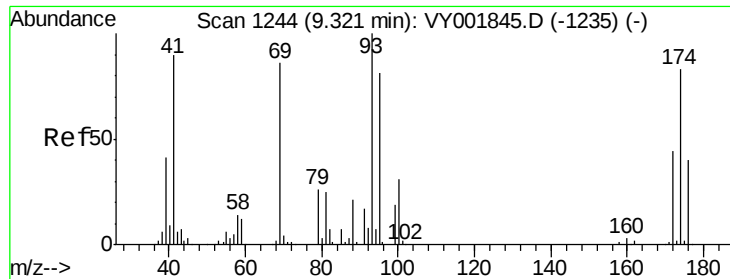
69 85.6 69.0 103.6

39 49.2 39.1 58.7



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: 71.910 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

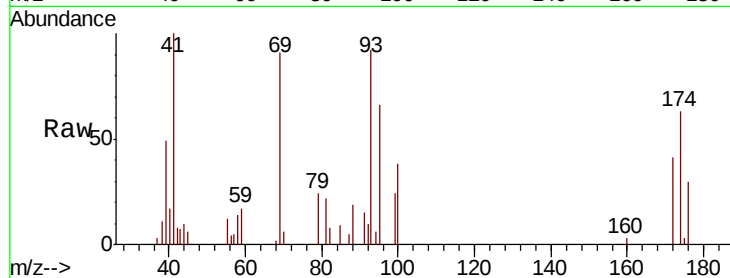
Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

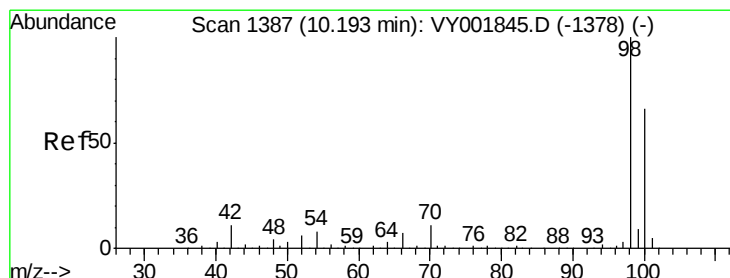
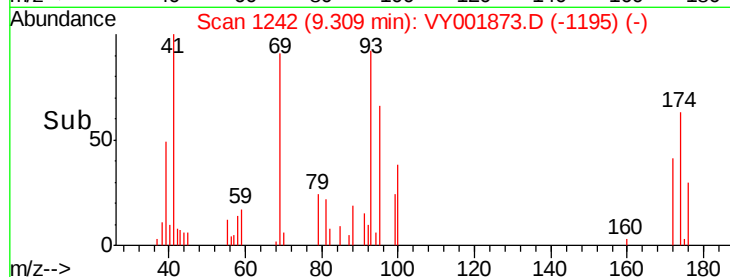
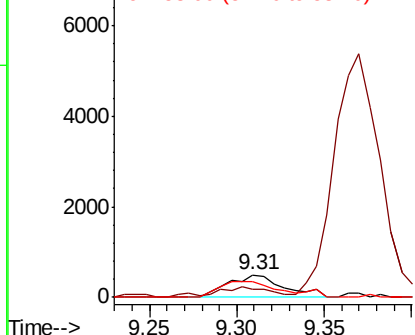
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 1105

Ion	Ratio	Lower	Upper
88	100		
43	49.0	25.0	37.6#
58	68.9	58.9	88.3



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



#50

Toluene-d8

Concen: 51.482 ug/l

RT: 10.19 min Scan# 1386

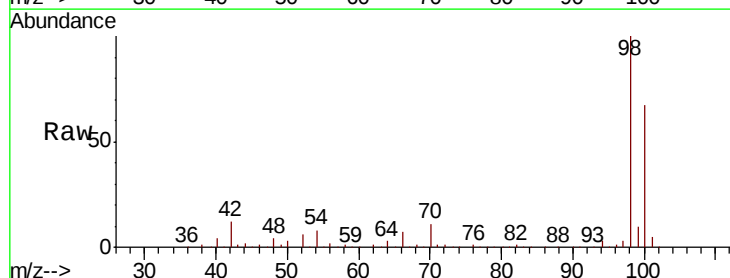
Delta R.T. -0.01 min

Lab File: VY001873.D

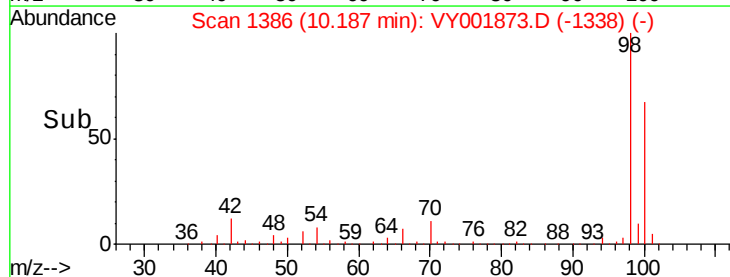
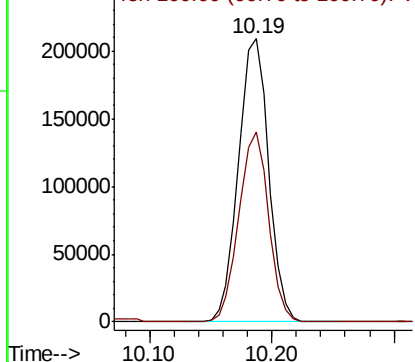
Acq: 05 Mar 2020 11:59

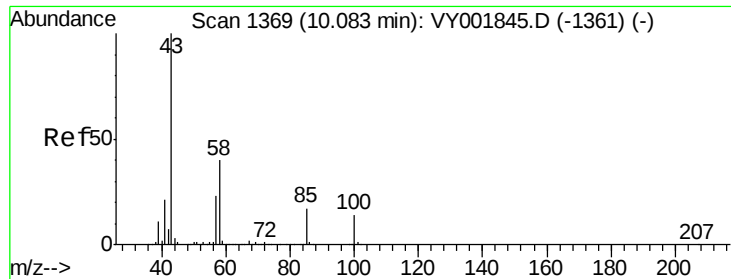
Tgt Ion: 98 Resp: 359783

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4



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





#51

4-Methyl-2-Pentanone

Concen: 19.531 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

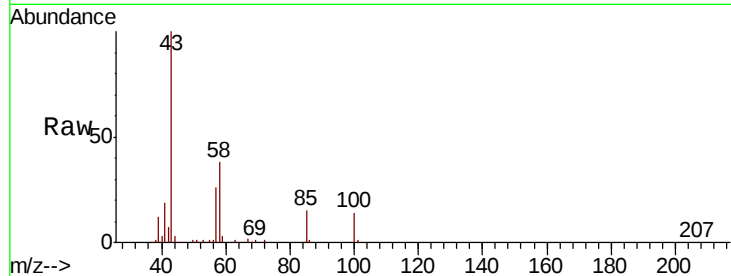
ClientSampleId :

Tot Ion: 43 Resp: 32330

Ion Ratio Lower Upper

43 100

58 38.8 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.08

20000

15000

10000

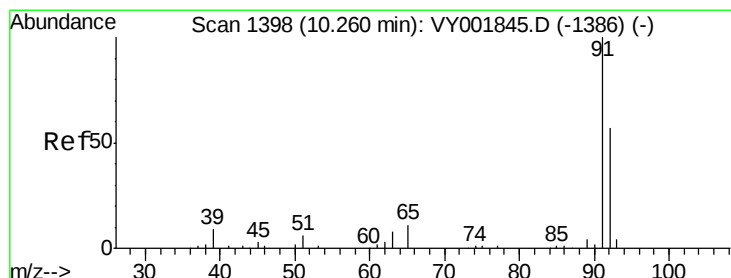
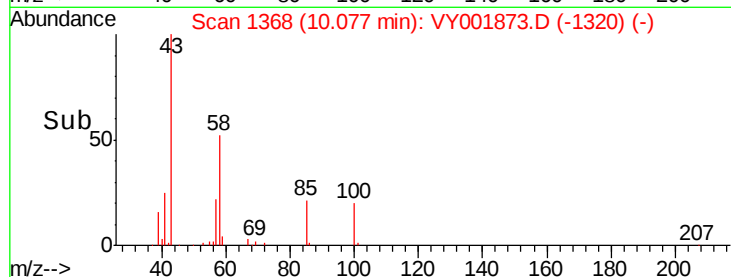
5000

0

Time-->

10.00

10.10



#52

Toluene

Concen: 4.180 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001873.D

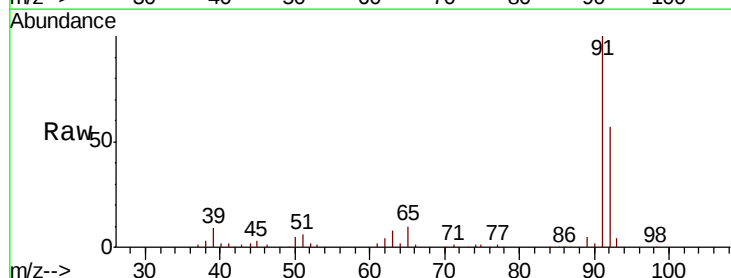
Acq: 05 Mar 2020 11:59

Tgt Ion: 92 Resp: 21981

Ion Ratio Lower Upper

92 100

91 173.9 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

10.25

25000

20000

15000

10000

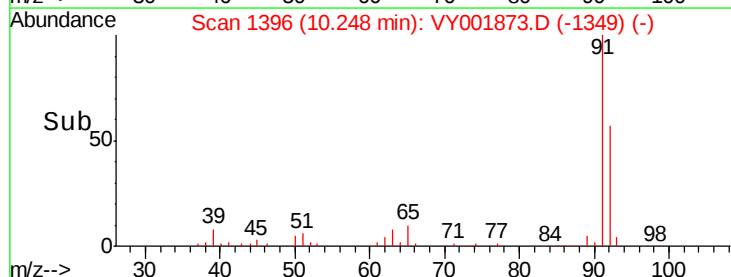
5000

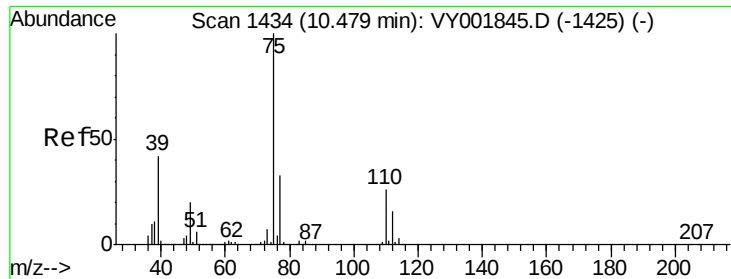
0

Time-->

10.20

10.30





#53

t-1,3-Dichloropropene

Concen: 3.925 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

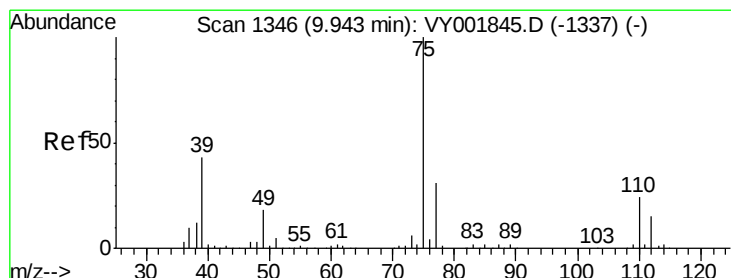
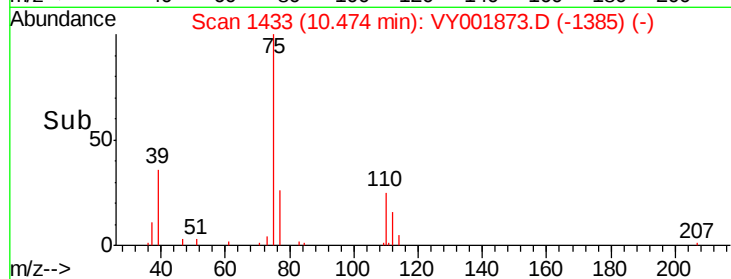
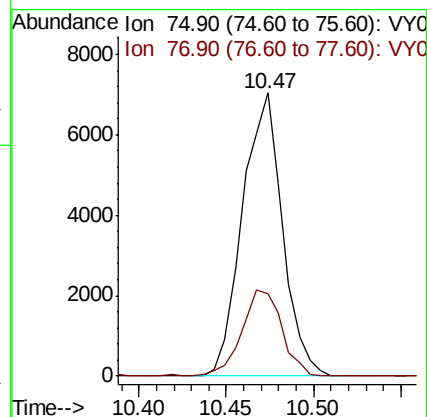
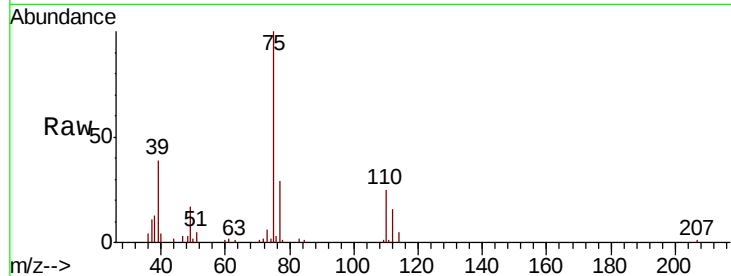
ClientSampleId :

Tot Ion: 75 Resp: 11156

Ion Ratio Lower Upper

75 100

77 29.2 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 3.895 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

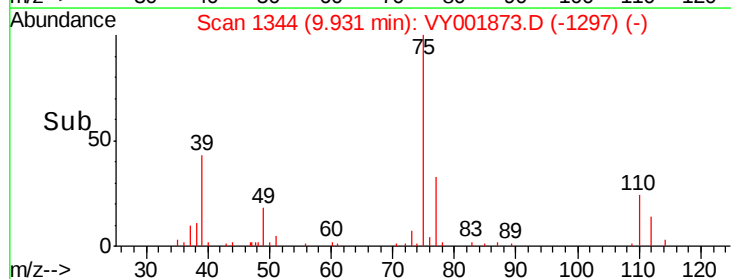
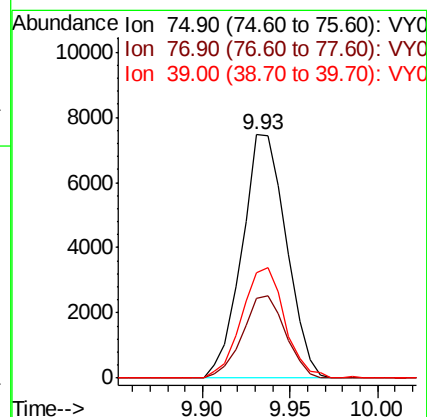
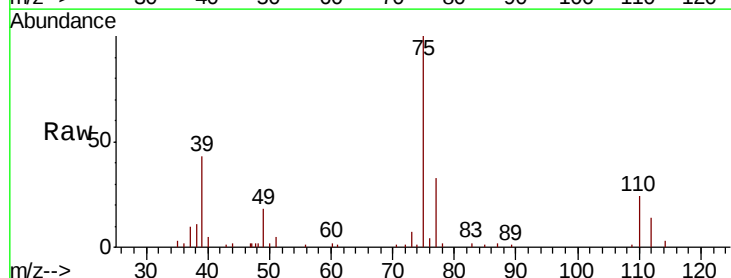
Tgt Ion: 75 Resp: 13180

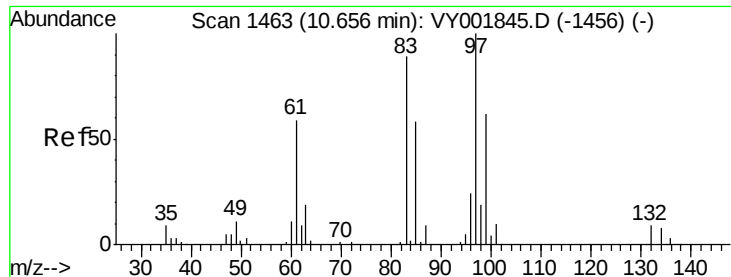
Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7

39 43.0 34.7 52.1



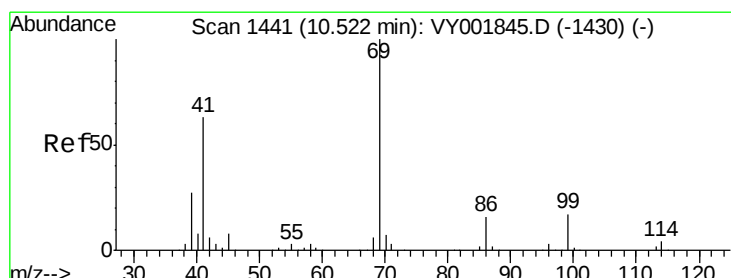
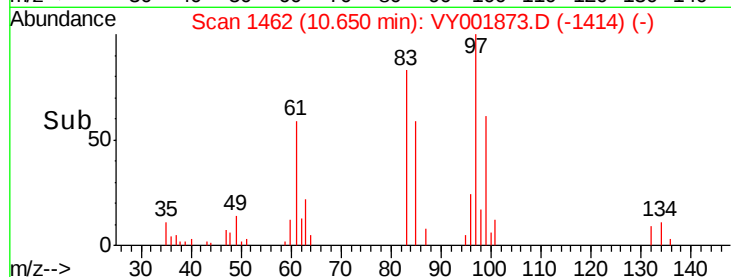
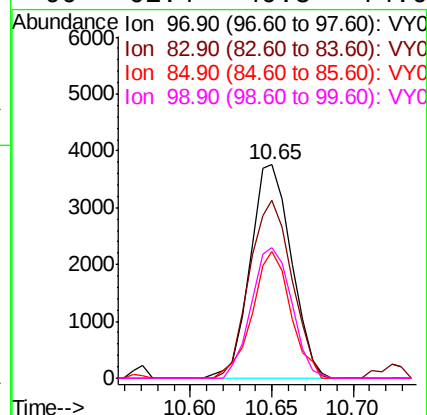
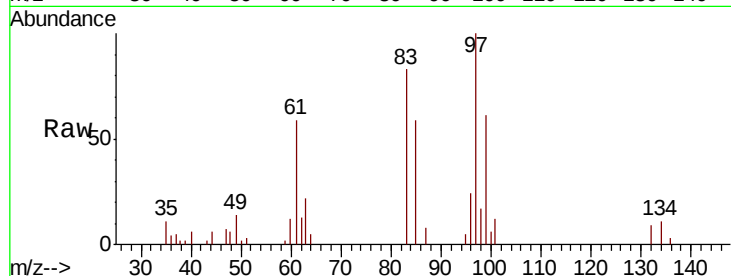


#55
 1,1,2-Trichloroethane
 Concen: 4.007 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 6577

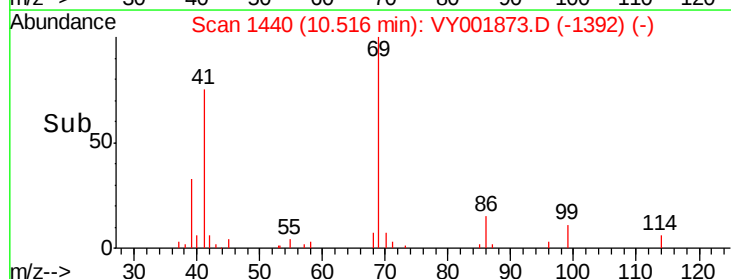
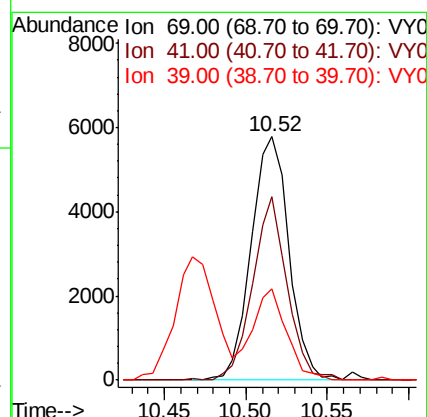
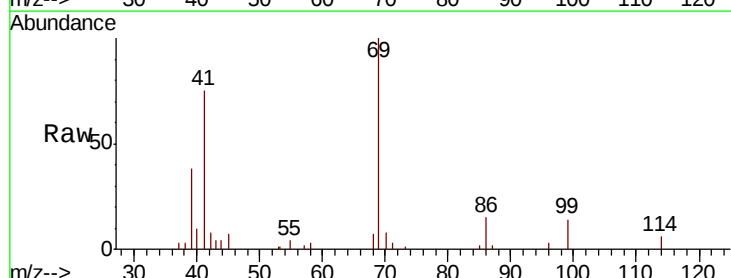
Ion	Ratio	Lower	Upper
97	100		
83	83.4	71.6	107.4
85	59.2	46.6	69.8
99	61.4	49.8	74.6

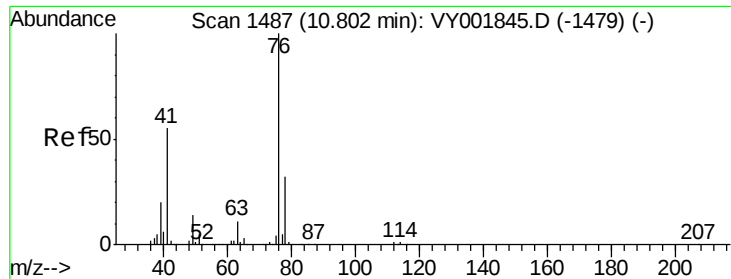


#56
 Ethyl methacrylate
 Concen: 3.874 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Tgt Ion: 69 Resp: 9319

Ion	Ratio	Lower	Upper
69	100		
41	68.8	49.9	74.9
39	34.4	23.0	34.6





#57

1,3-Dichloropropane

Concen: 4.021 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

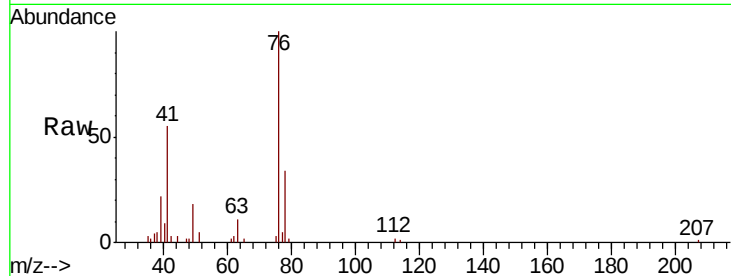
ClientSampleId :

Tot Ion: 76 Resp: 11762

Ion Ratio Lower Upper

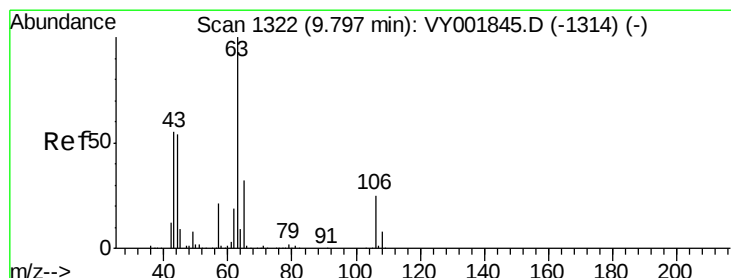
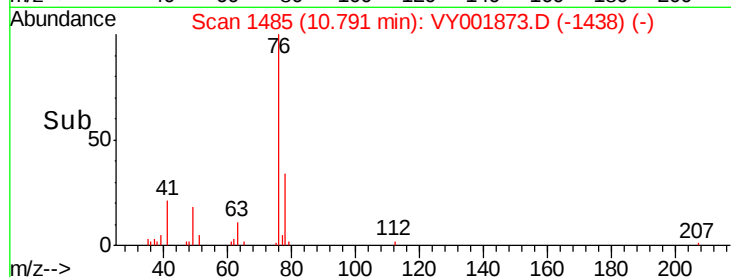
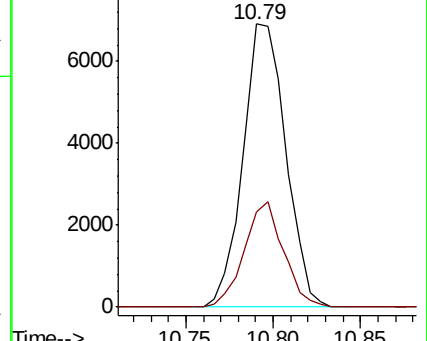
76 100

78 33.9 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: 16.771 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY001873.D

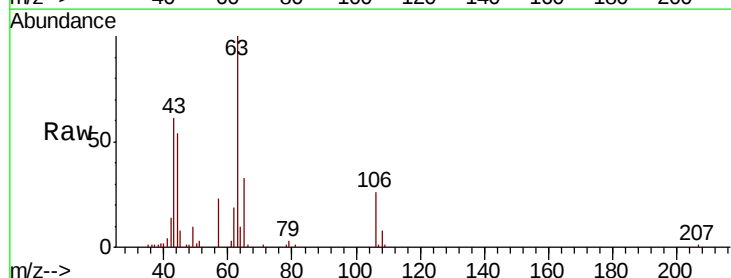
Acq: 05 Mar 2020 11:59

Tgt Ion: 63 Resp: 15997

Ion Ratio Lower Upper

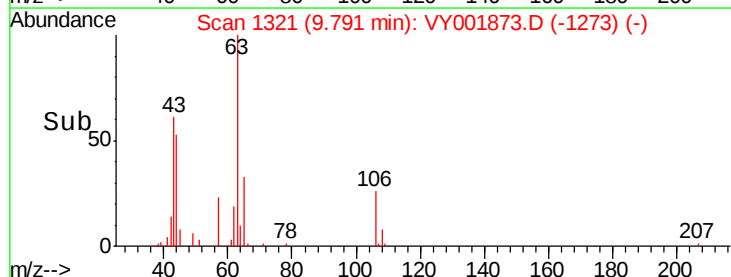
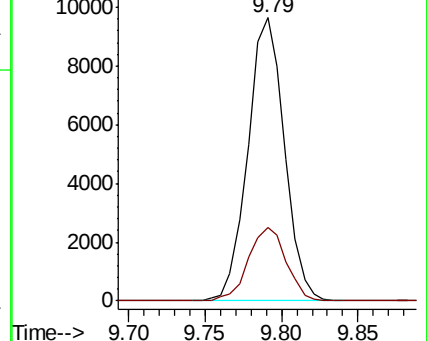
63 100

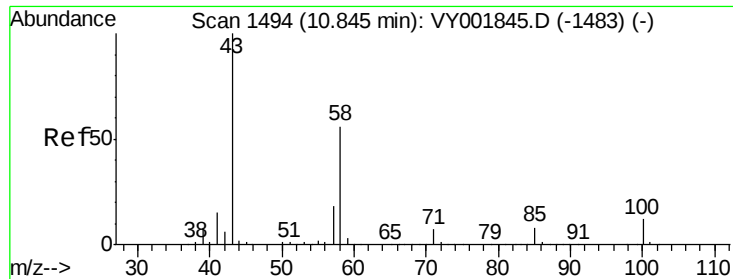
106 26.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

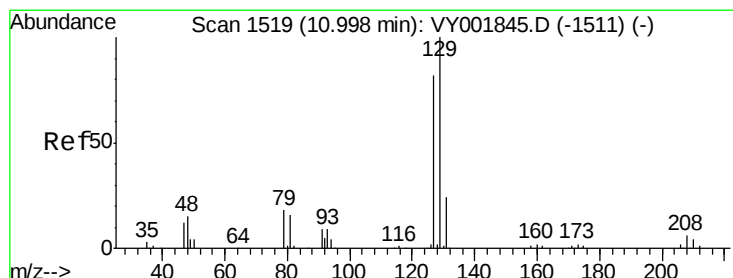
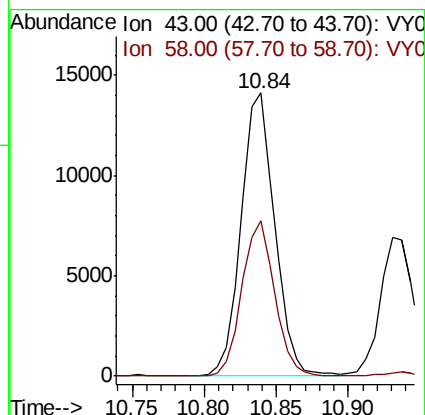
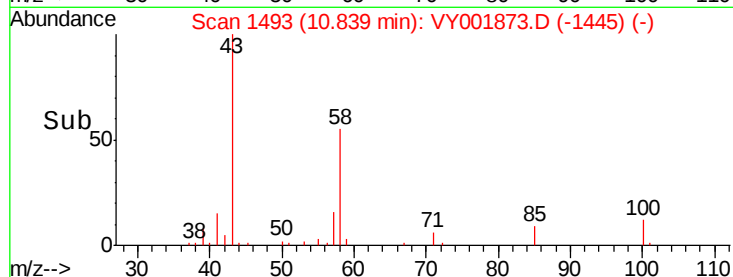
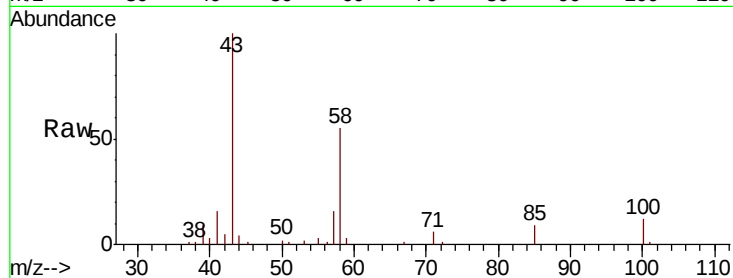




#59
2-Hexanone
Concen: 19.390 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

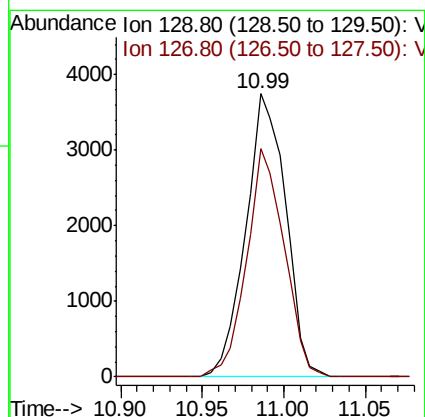
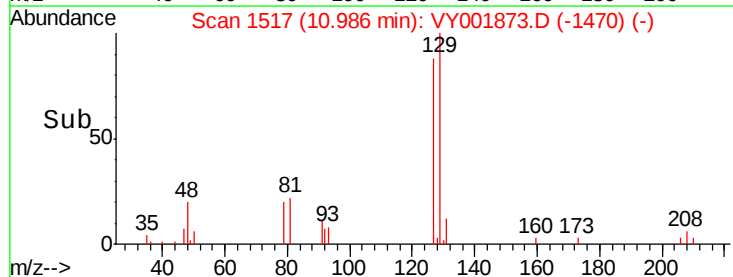
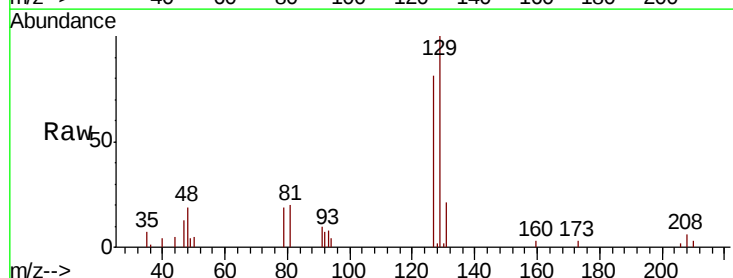
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 22909
Ion Ratio Lower Upper
43 100
58 53.1 28.1 84.3



#60
Dibromochloromethane
Concen: 3.690 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion:129 Resp: 6381
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

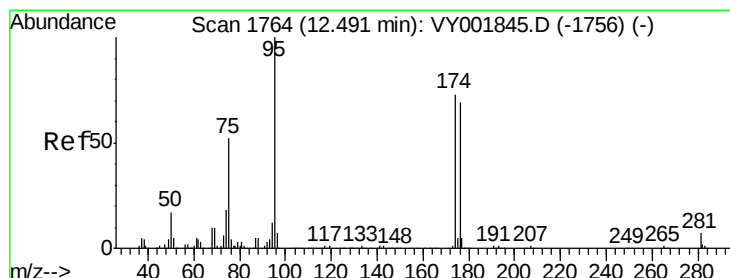
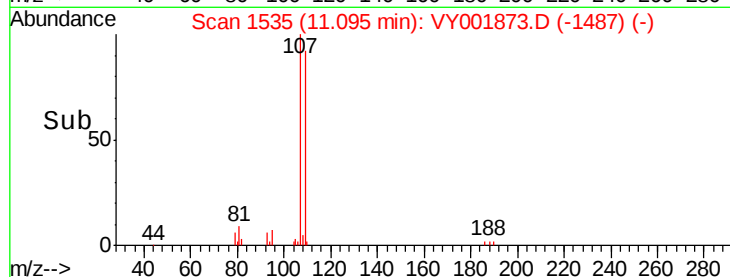
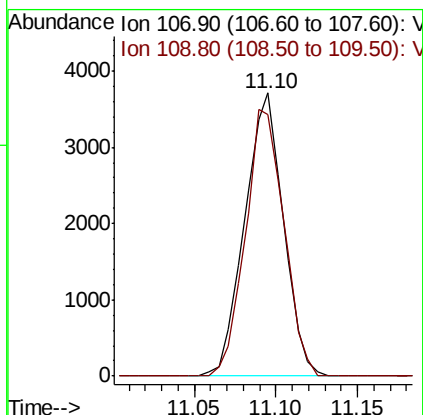
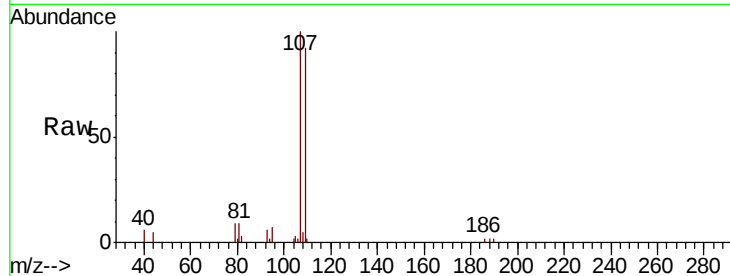




#61
 1,2-Dibromoethane
 Concen: 3.940 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

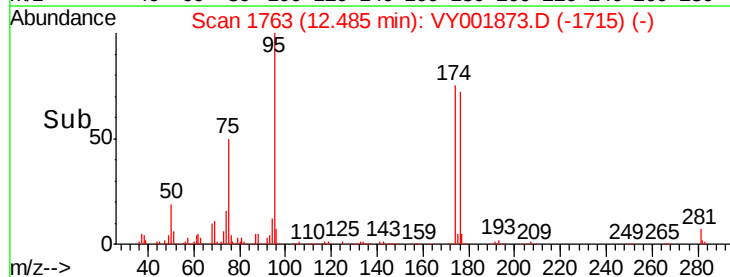
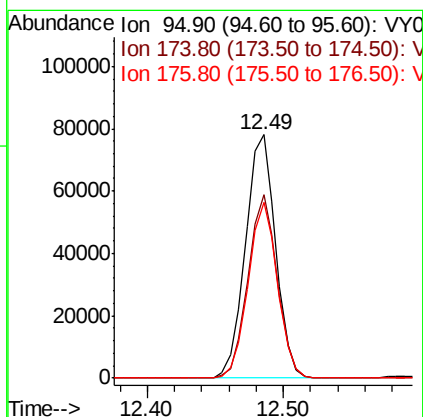
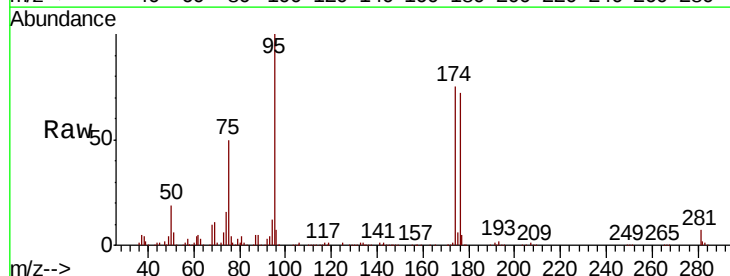
Instrument :
 MSVOA_Y
 ClientSampleId :

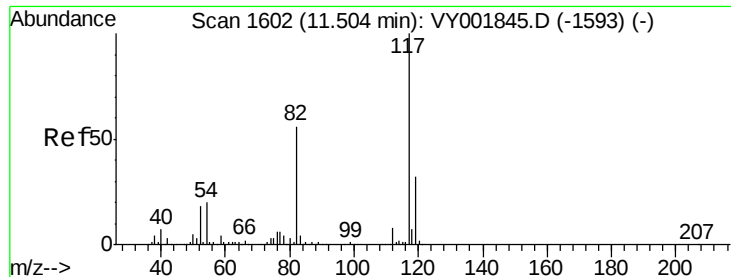
Tot Ion: 107 Resp: 6125
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.830 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Tgt Ion: 95 Resp: 121085
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 145.0
 176 70.3 0.0 137.4

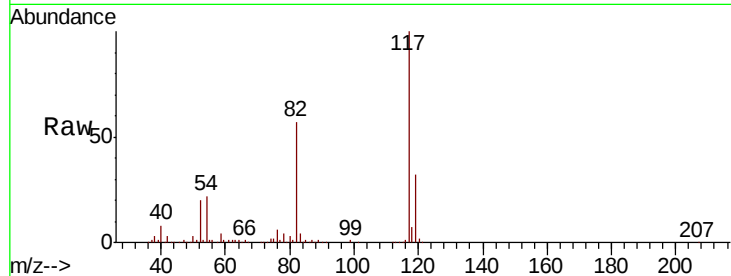




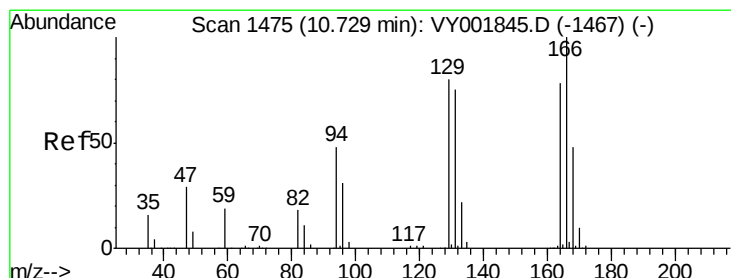
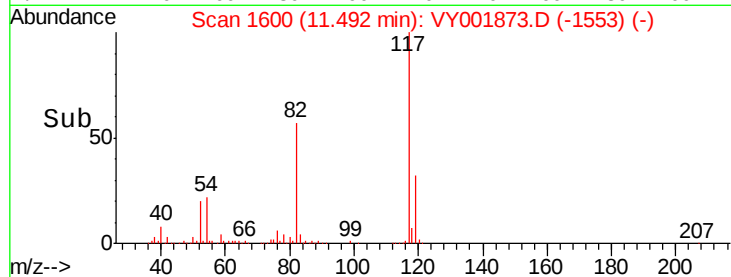
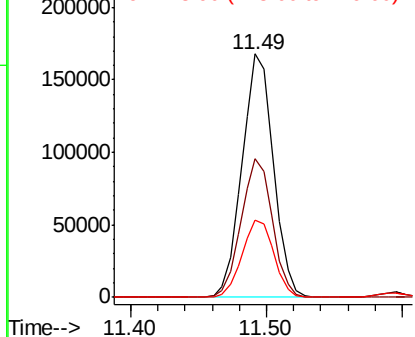
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 270607
Ion Ratio Lower Upper
117 100
82 56.8 44.5 66.7
119 31.9 25.7 38.5

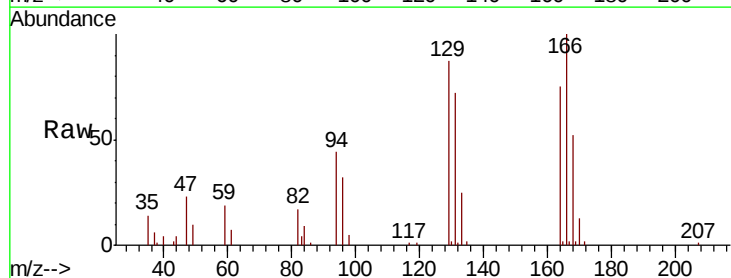


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

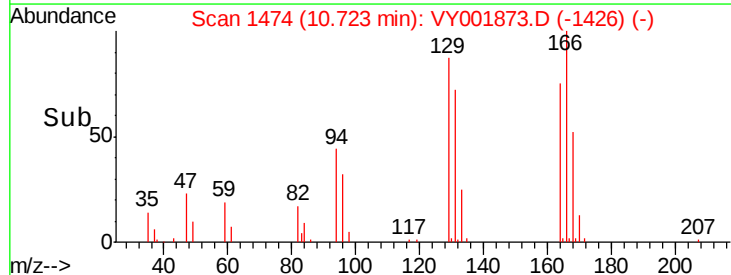
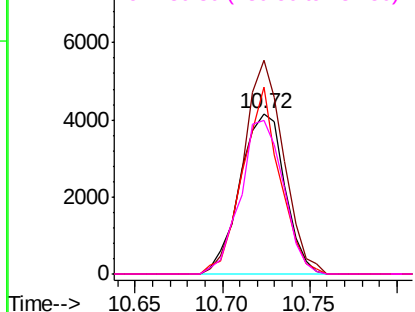


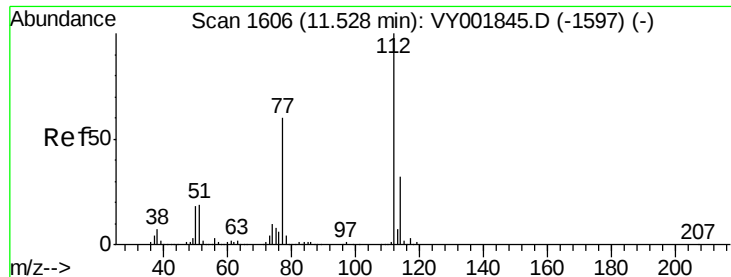
#64
Tetrachloroethene
Concen: 4.362 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion:164 Resp: 7402
Ion Ratio Lower Upper
164 100
166 133.4 102.6 154.0
129 116.5 82.3 123.5
131 96.1 77.4 116.0



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

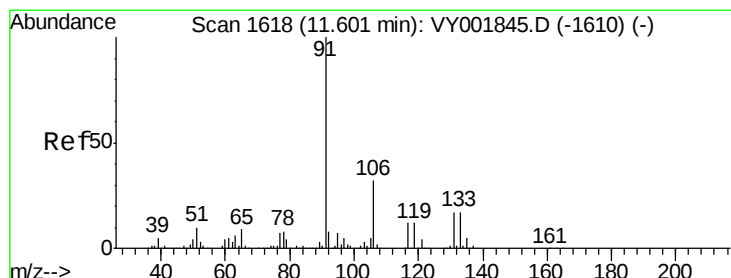
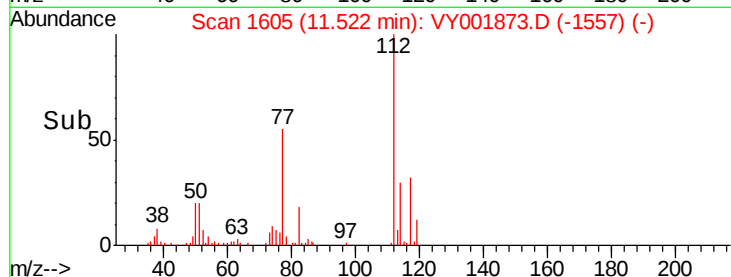
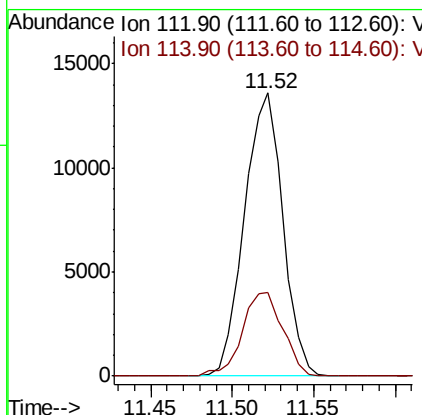
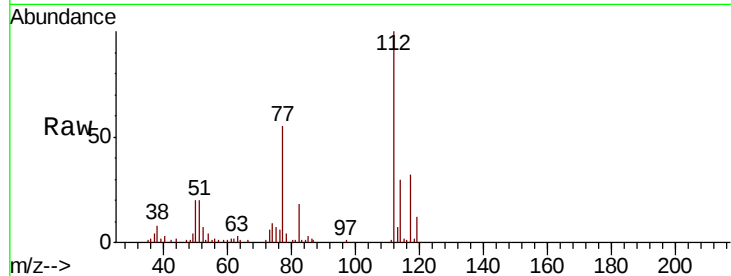




#65
Chlorobenzene
Concen: 4.125 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

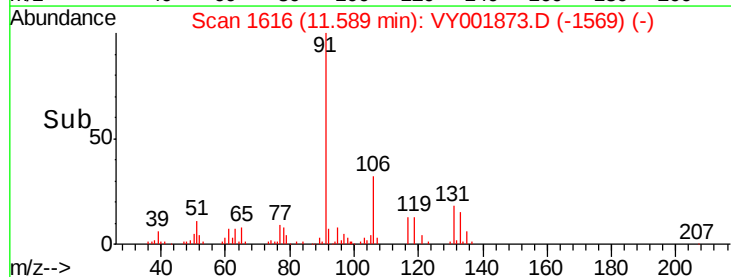
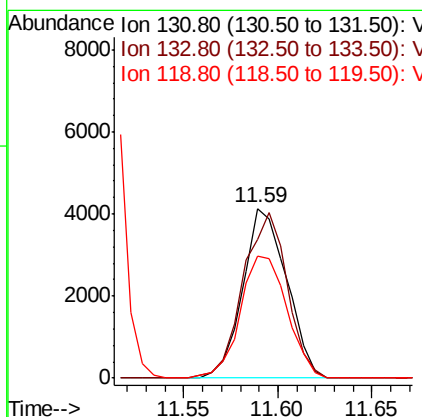
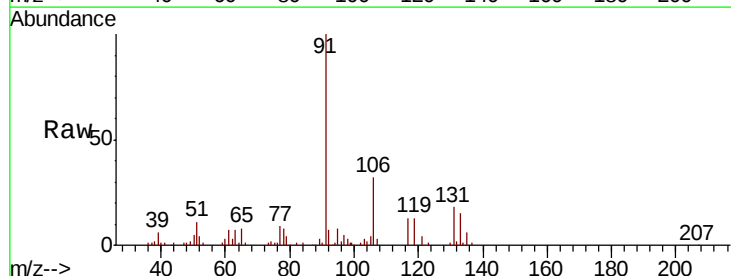
Instrument :
MSVOA_Y
ClientSampleId :

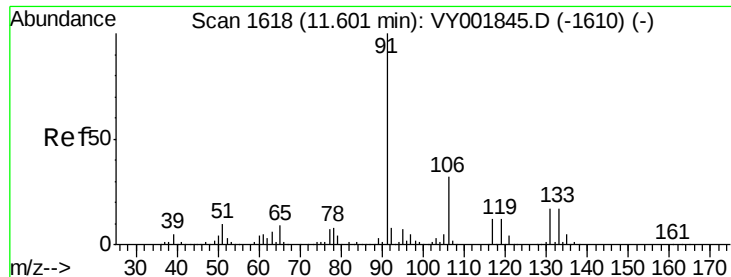
Tot Ion:112 Resp: 22240
Ion Ratio Lower Upper
112 100
114 29.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 3.768 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion:131 Resp: 6663
Ion Ratio Lower Upper
131 100
133 98.2 47.1 141.3
119 76.8 34.5 103.6

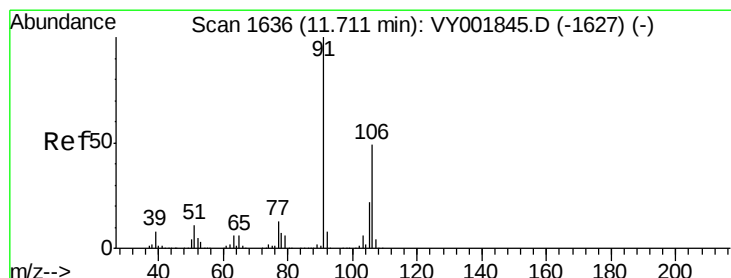
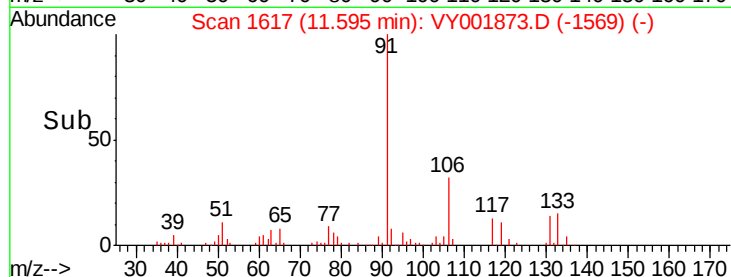
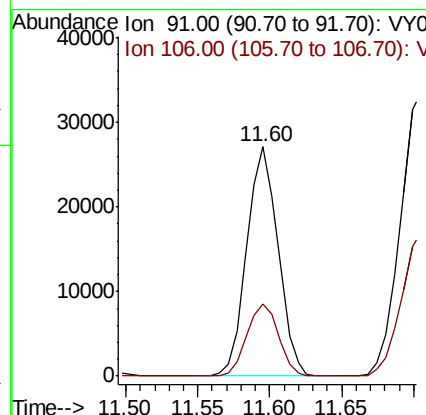
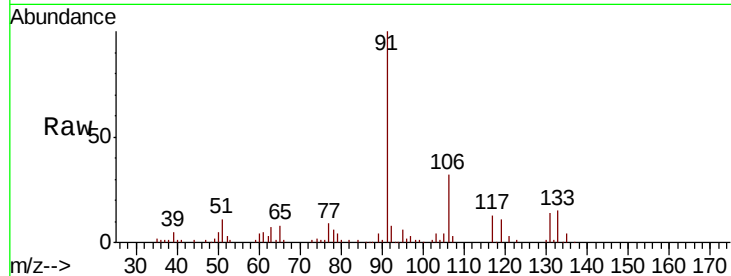




#67
Ethyl Benzene
Concen: 4.056 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

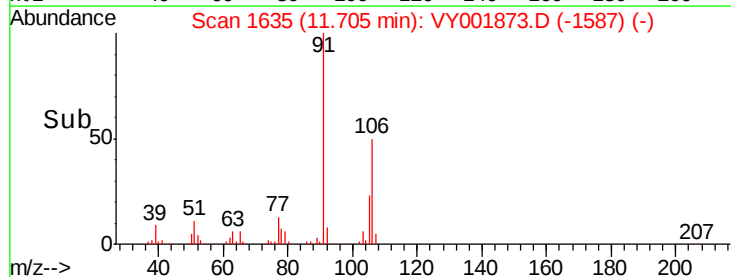
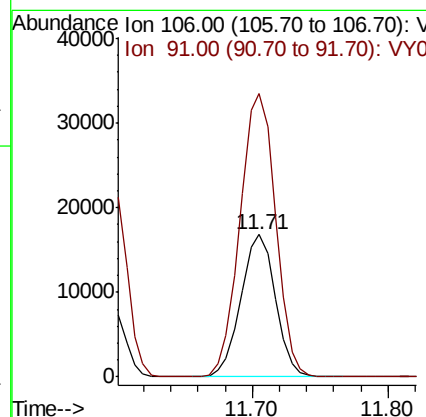
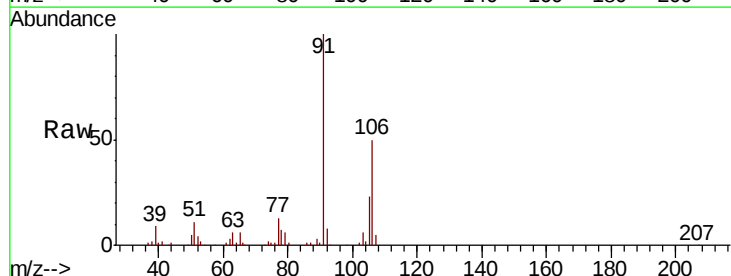
Instrument :
MSVOA_Y
ClientSampled :

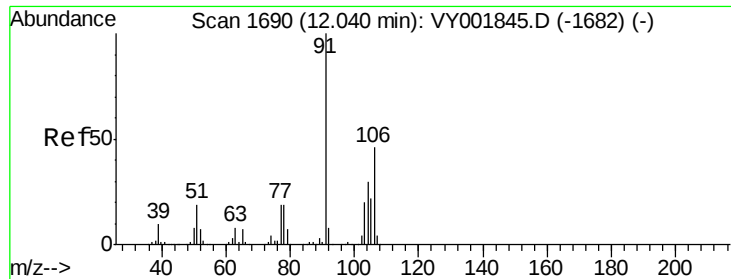
Tot Ion: 91 Resp: 40792
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 8.028 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 106 Resp: 29845
Ion Ratio Lower Upper
106 100
91 205.2 161.3 241.9

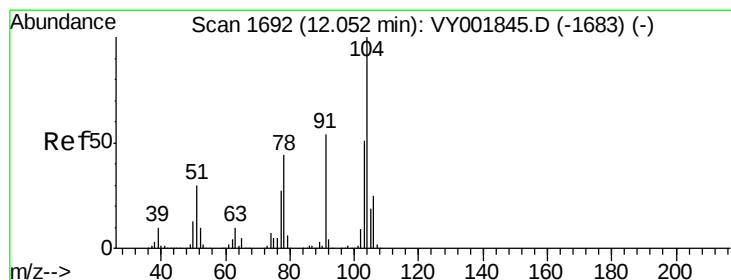
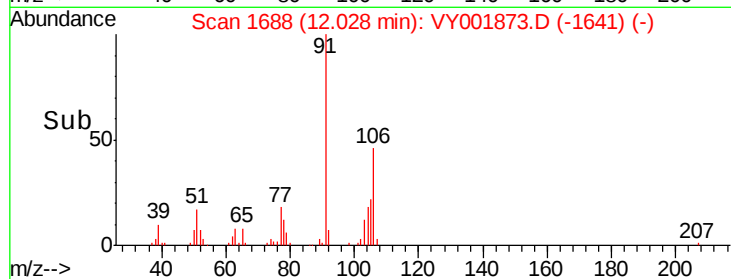
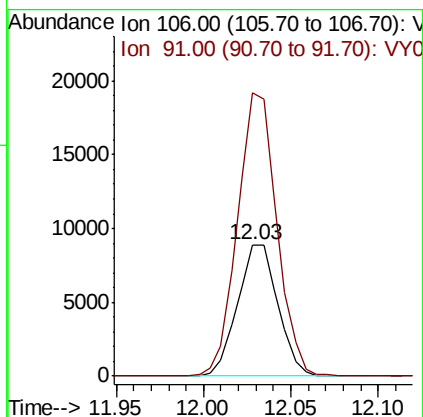
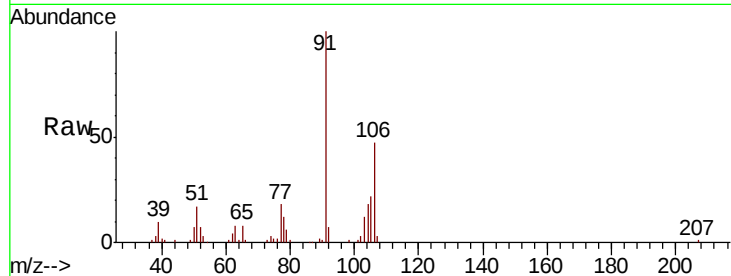




#69
o-Xylene
Concen: 4.074 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

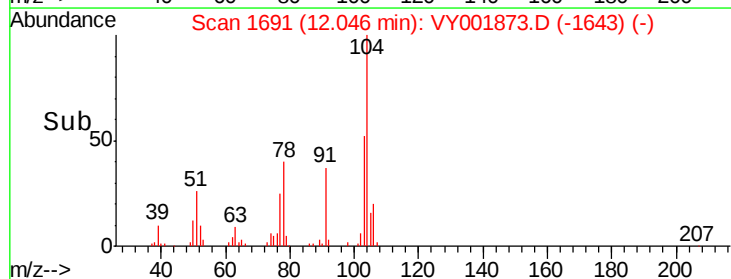
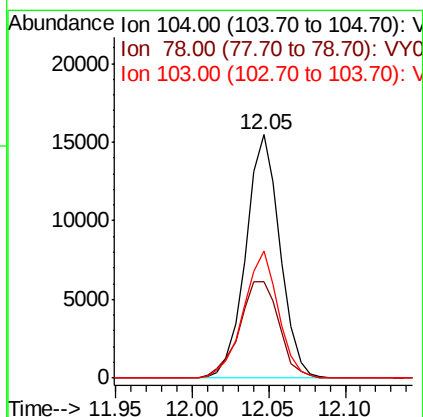
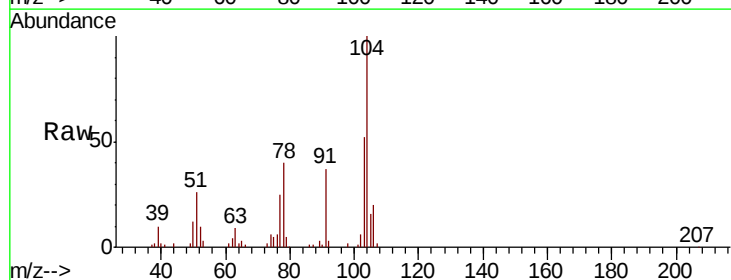
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 14277
Ion Ratio Lower Upper
106 100
91 210.0 106.8 320.4



#70
Styrene
Concen: 3.999 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion:104 Resp: 24000
Ion Ratio Lower Upper
104 100
78 46.3 38.5 57.7
103 53.3 42.9 64.3





#71

Bromoform

Concen: 3.418 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

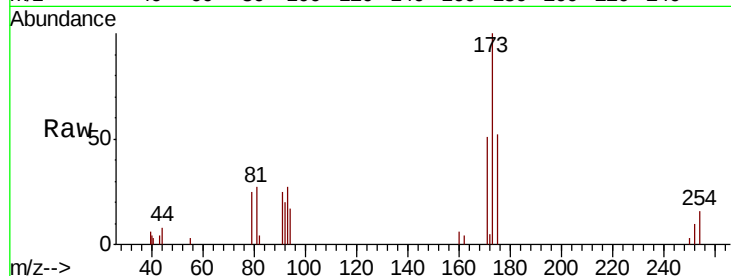
Tot Ion:173 Resp: 3278

Ion Ratio Lower Upper

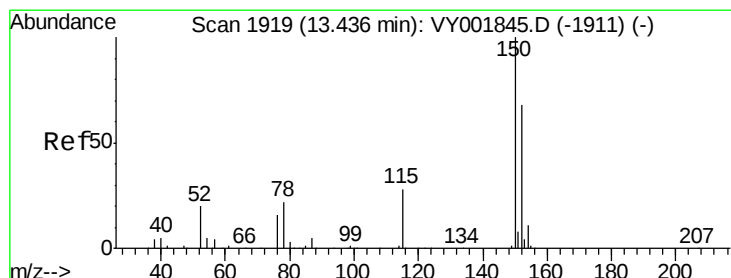
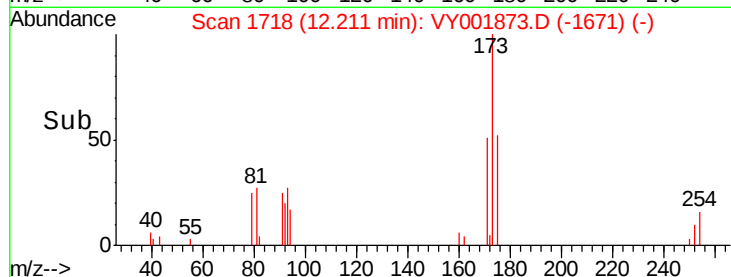
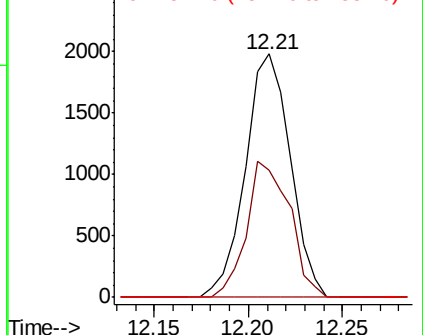
173 100

175 53.6 24.3 72.8

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. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

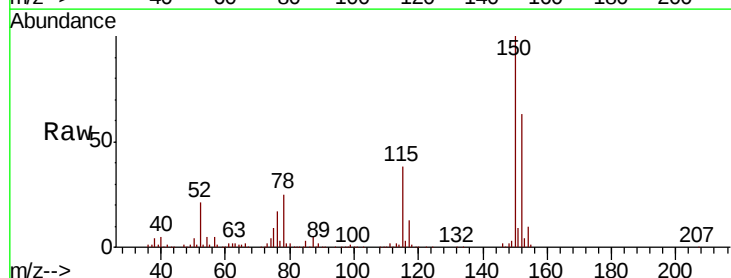
Tgt Ion:152 Resp: 124248

Ion Ratio Lower Upper

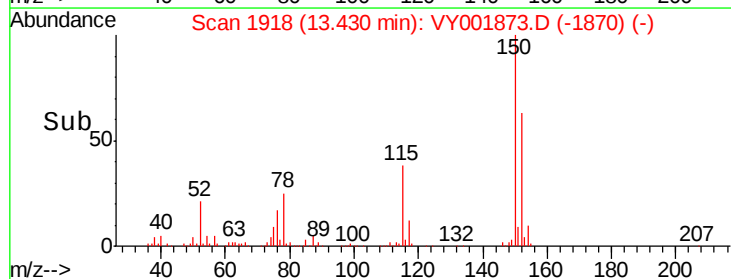
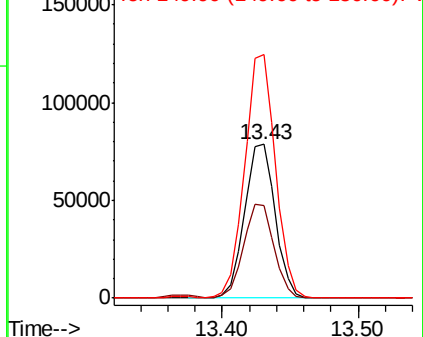
152 100

115 60.7 29.9 89.7

150 158.2 0.0 340.6



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: 3.969 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

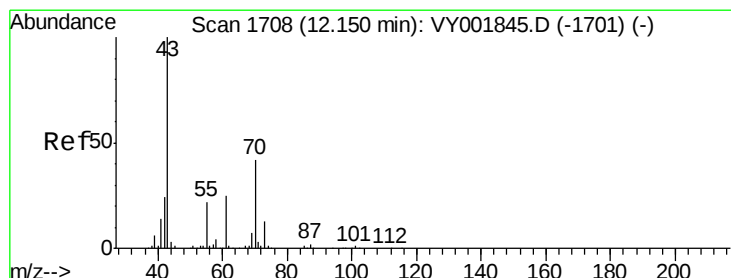
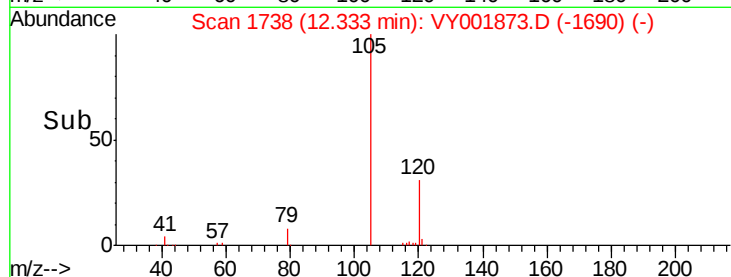
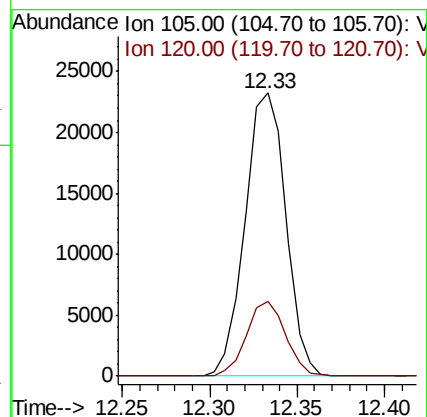
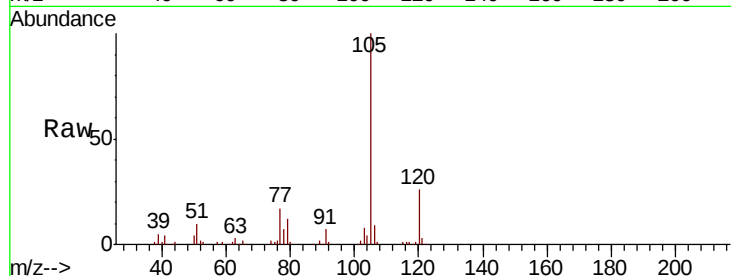
ClientSampleId :

Tot Ion:105 Resp: 37647

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.3



#74

N-ethyl acetate

Concen: 3.837 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Tgt Ion: 43 Resp: 11186

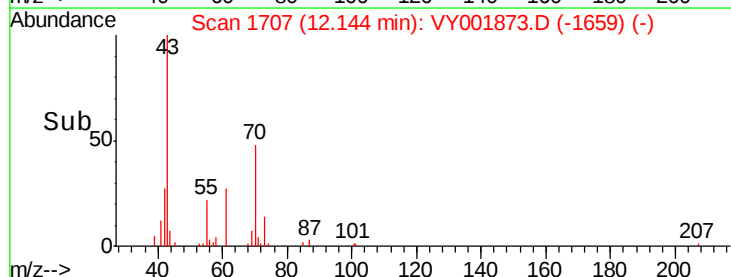
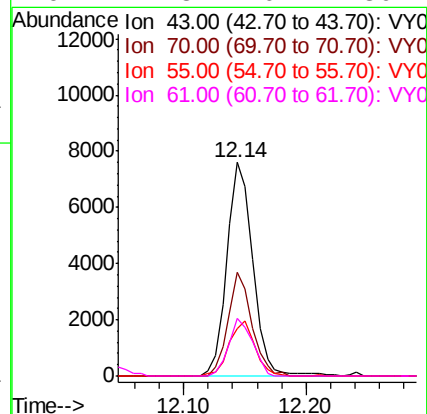
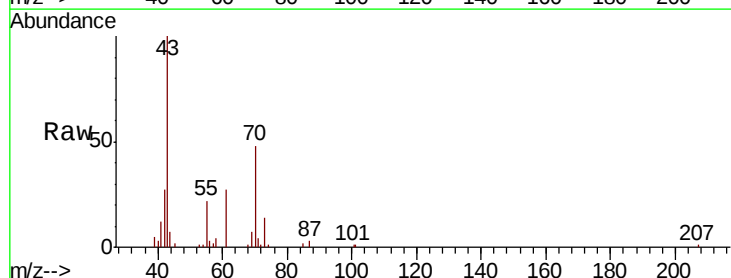
Ion Ratio Lower Upper

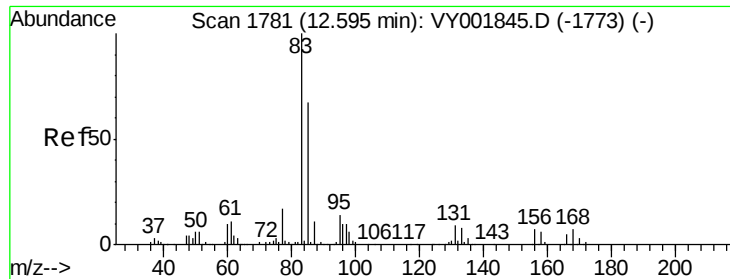
43 100

70 44.1 34.7 52.1

55 25.6 18.2 27.4

61 24.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 3.876 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

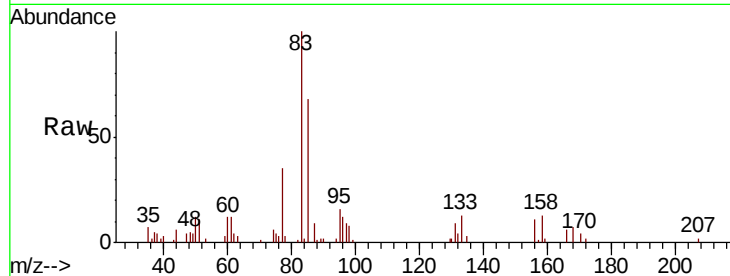
Tot Ion: 83 Resp: 7927

Ion Ratio Lower Upper

83 100

131 8.2 4.6 13.8

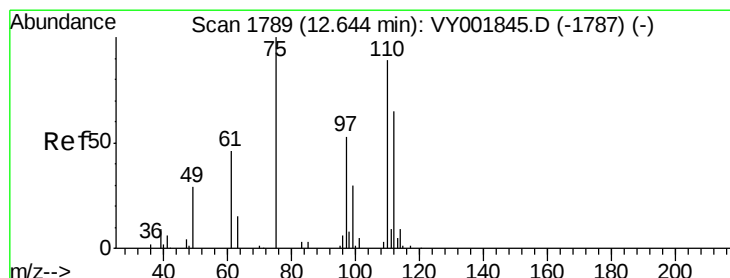
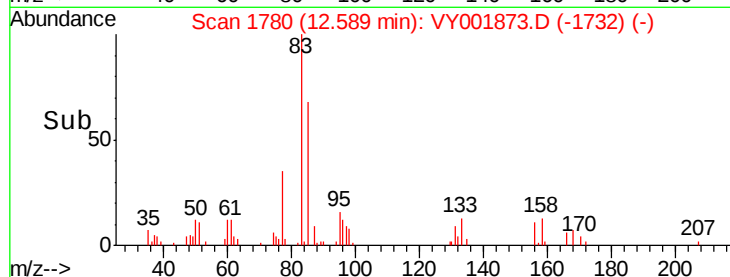
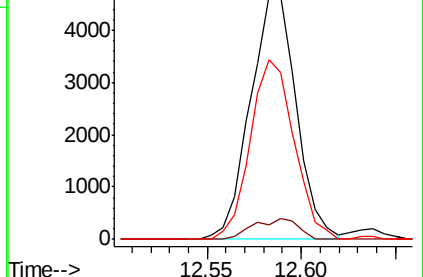
85 69.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY001845.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY001845.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY001845.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 6.885 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001873.D

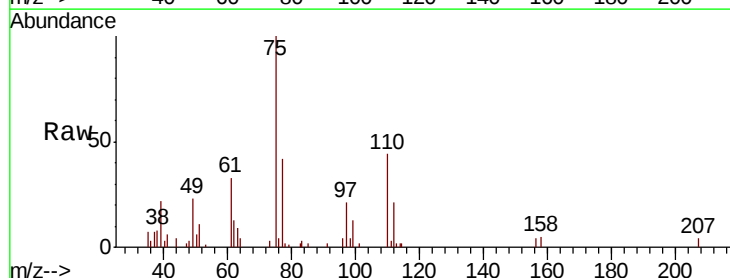
Acq: 05 Mar 2020 11:59

Tgt Ion: 75 Resp: 10150

Ion Ratio Lower Upper

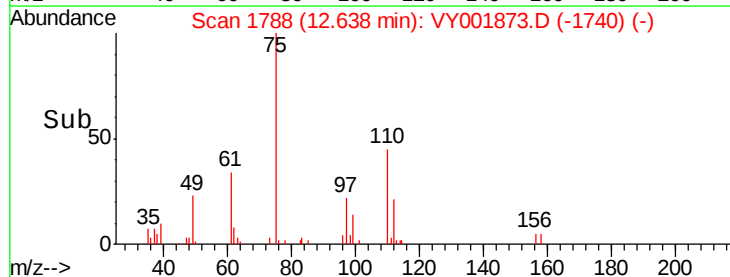
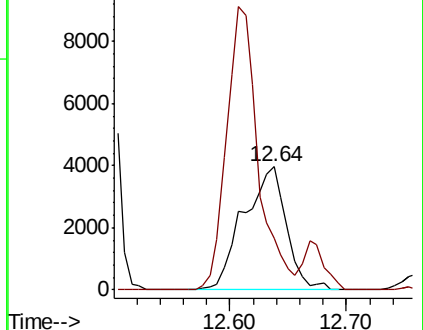
75 100

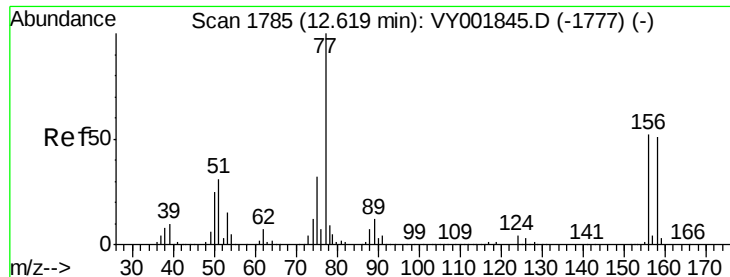
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY001845.D (-1787) (-)

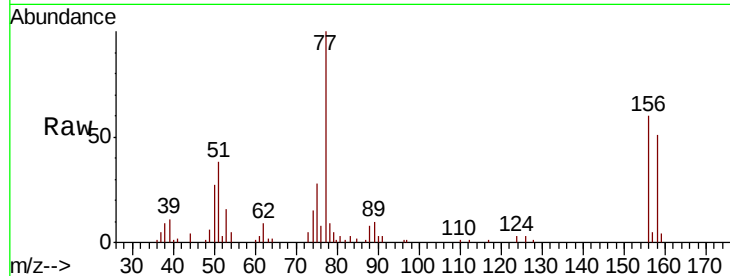




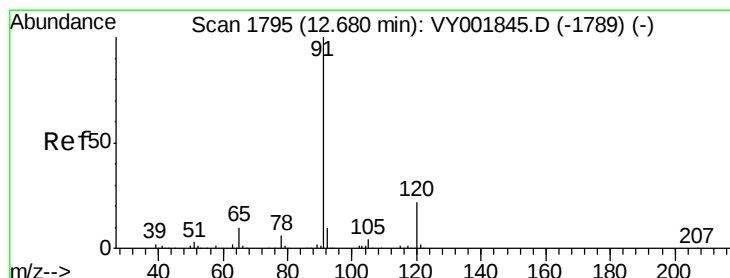
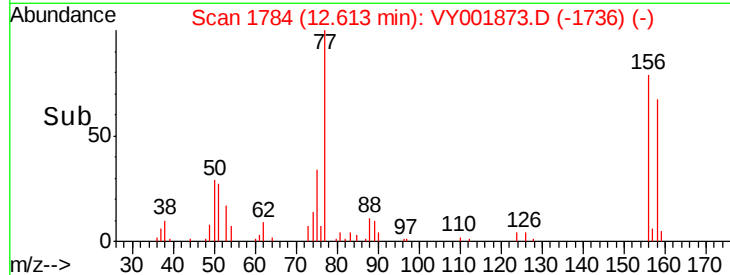
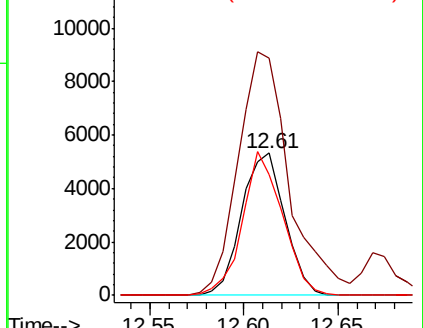
#77
Bromobenzene
Concen: 4.207 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:156 Resp: 8455
Ion Ratio Lower Upper
156 100
77 203.8 109.0 327.0
158 93.7 48.9 146.8

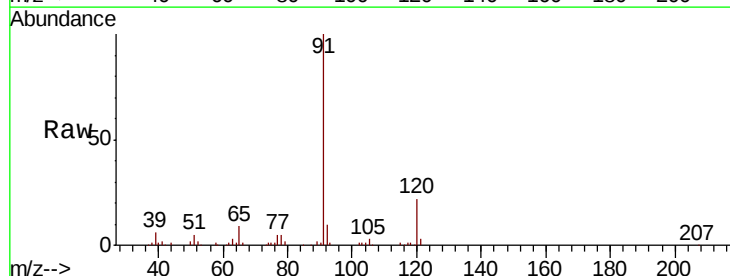


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

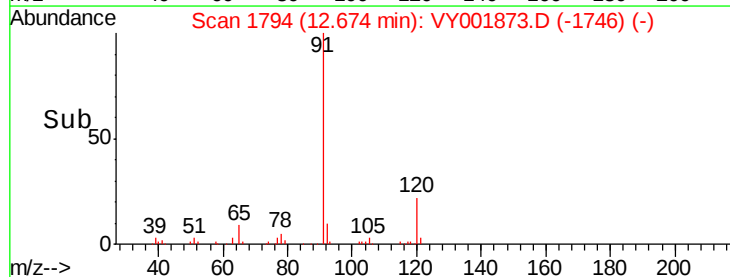
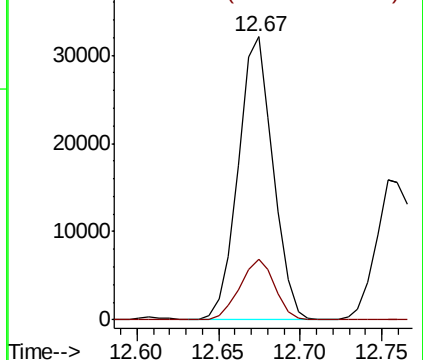


#78
n-propylbenzene
Concen: 4.080 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 91 Resp: 47741
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

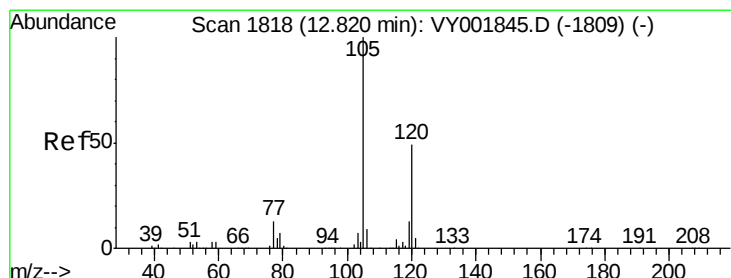
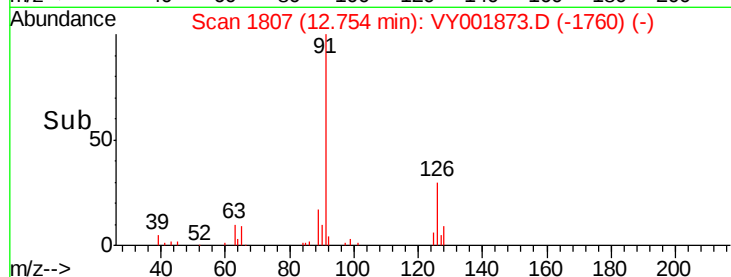
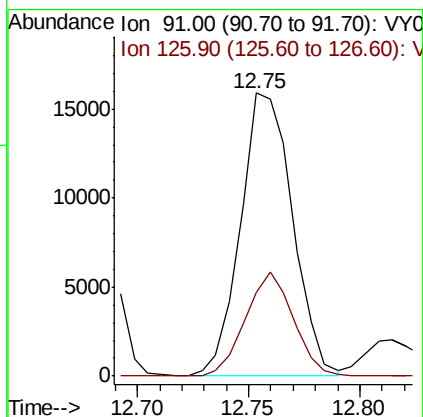
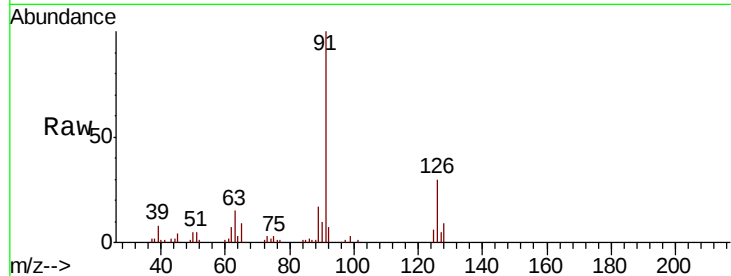




#79
2-Chlorotoluene
Concen: 4.017 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

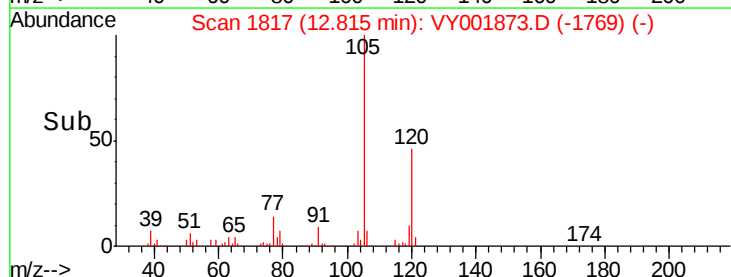
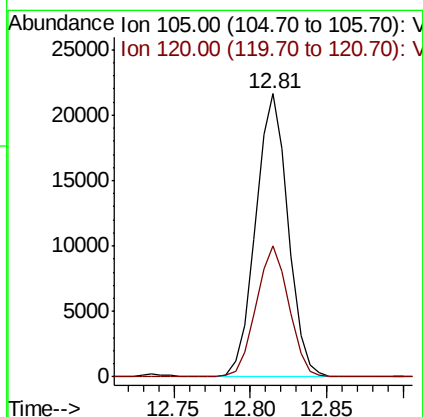
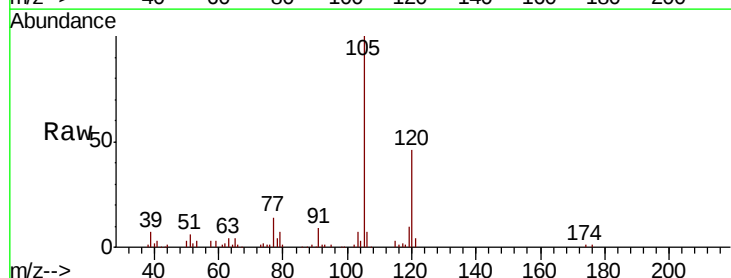
Instrument :
MSVOA_Y
ClientSampleId :

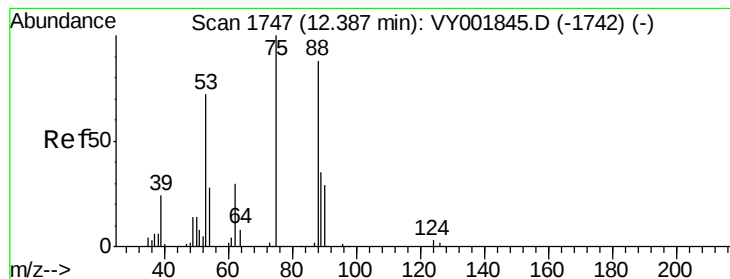
Tot Ion: 91 Resp: 25970
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 4.084 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 105 Resp: 31886
Ion Ratio Lower Upper
105 100
120 46.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 3.499 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampled :

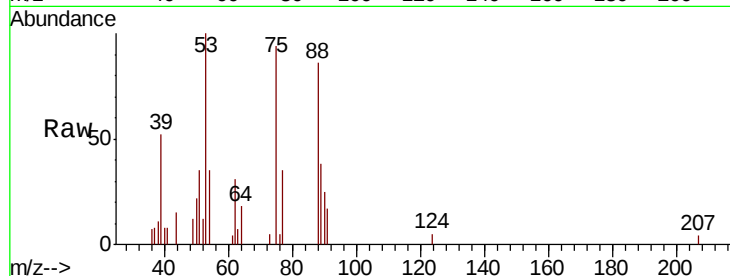
Tot Ion: 75 Resp: 2554

Ion Ratio Lower Upper

75 100

53 98.1 65.4 98.0#

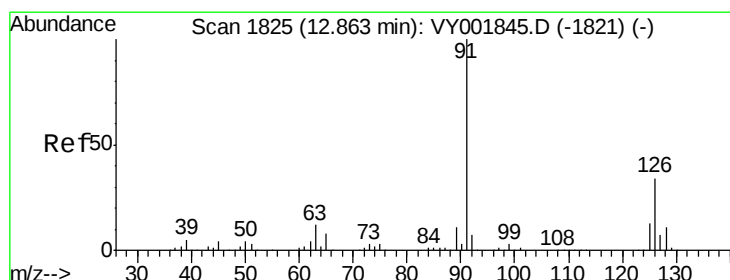
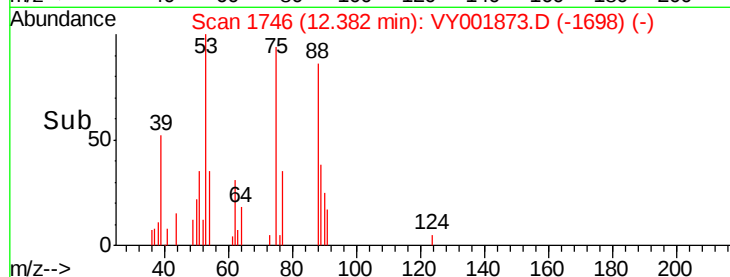
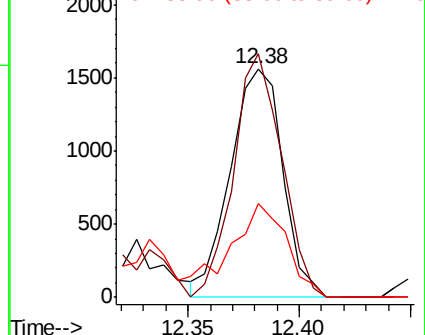
89 43.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 3.976 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001873.D

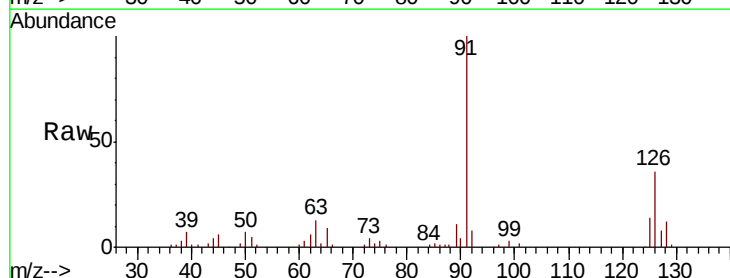
Acq: 05 Mar 2020 11:59

Tgt Ion: 91 Resp: 26766

Ion Ratio Lower Upper

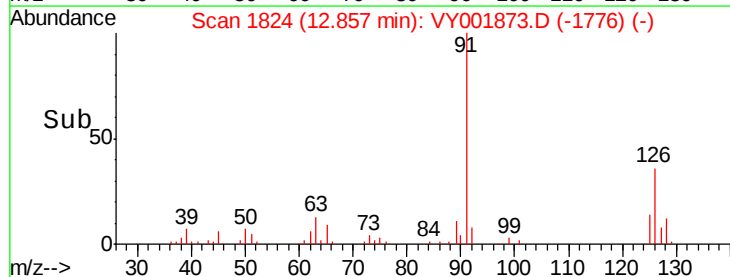
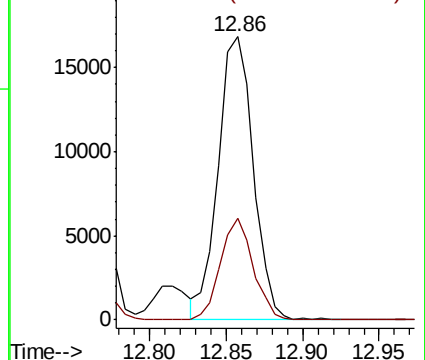
91 100

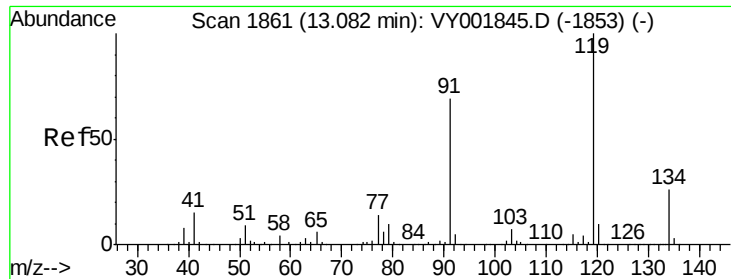
126 33.4 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

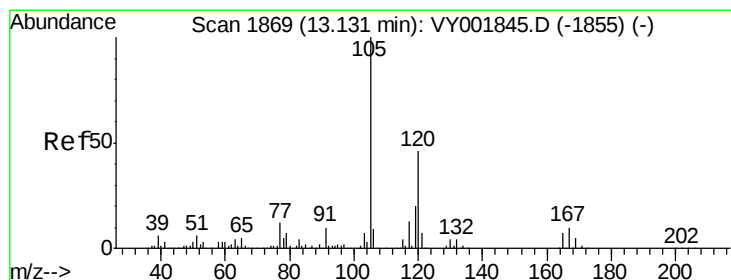
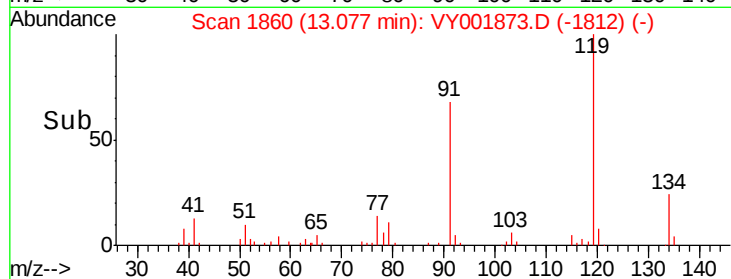
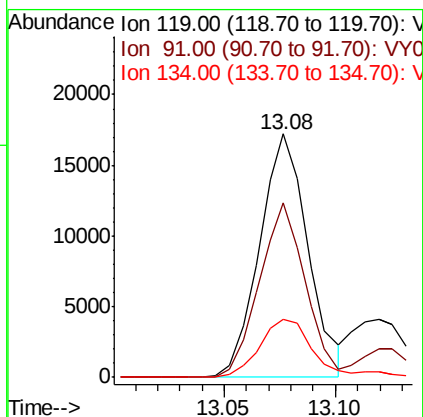
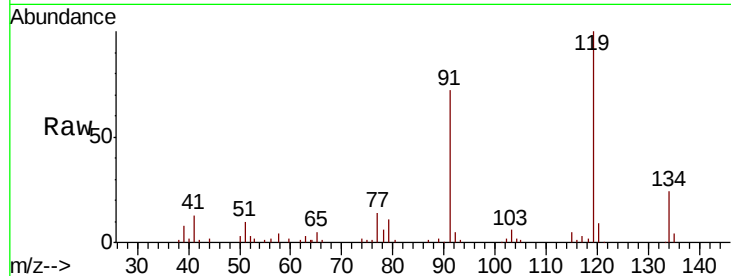




#83
tert-Butylbenzene
Concen: 4.002 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

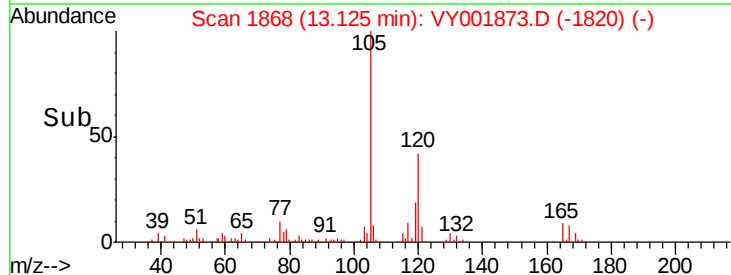
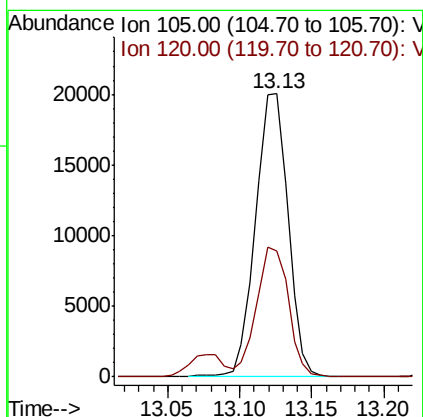
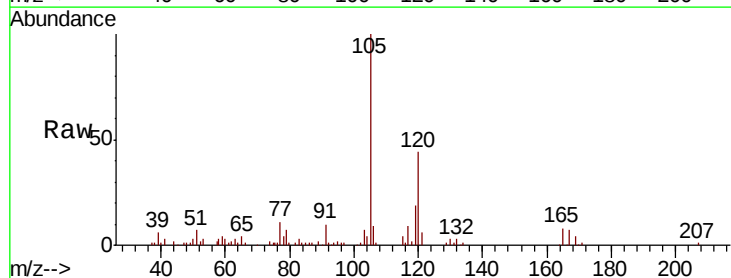
Instrument :
MSVOA_Y
ClientSampleId :

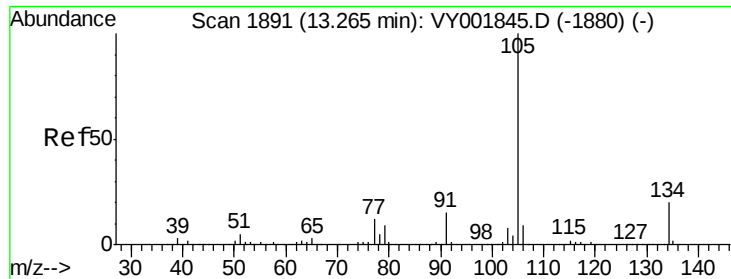
Tot Ion:119 Resp: 25955
Ion Ratio Lower Upper
119 100
91 67.7 34.0 101.8
134 26.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 4.035 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion:105 Resp: 31267
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 4.076 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

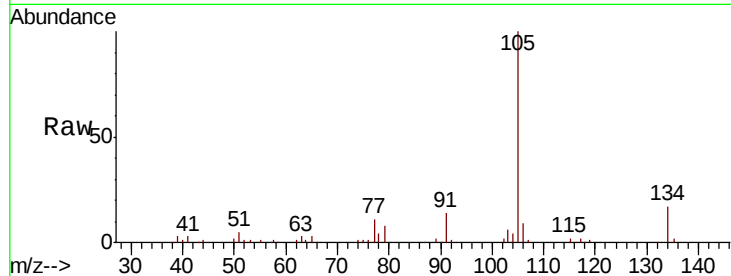
ClientSampleId :

Tot Ion:105 Resp: 38960

Ion Ratio Lower Upper

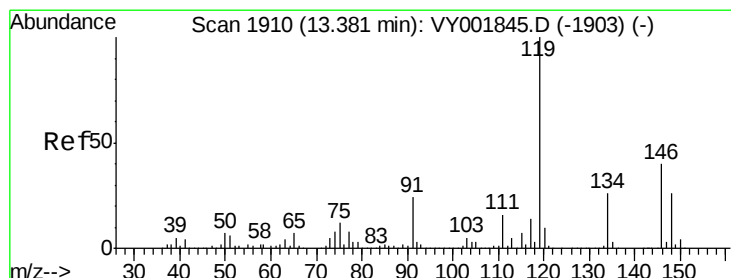
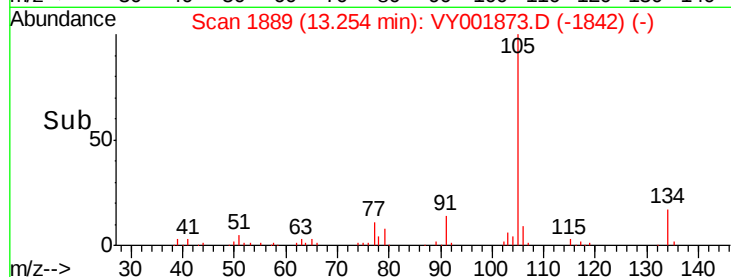
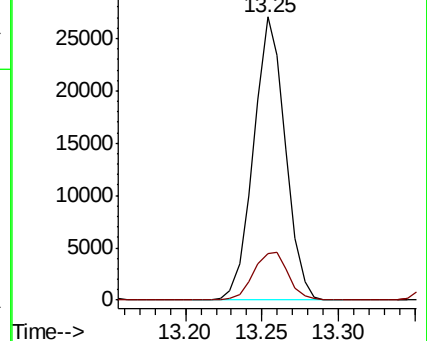
105 100

134 18.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.108 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

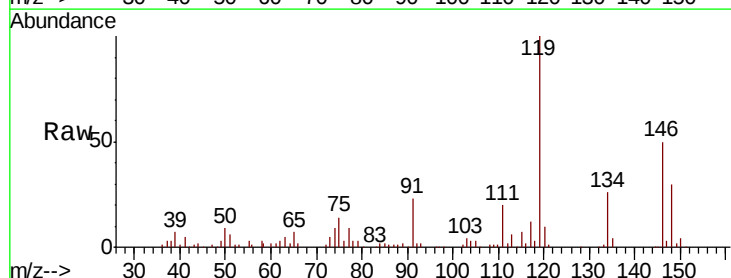
Tgt Ion:119 Resp: 33878

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

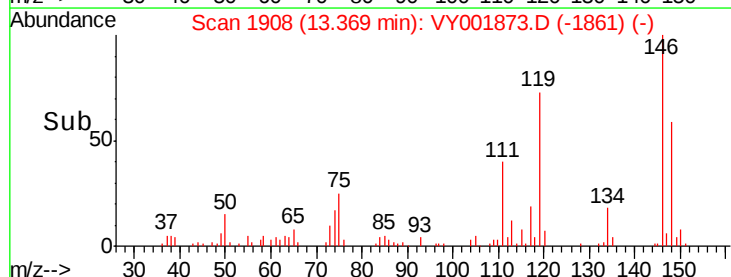
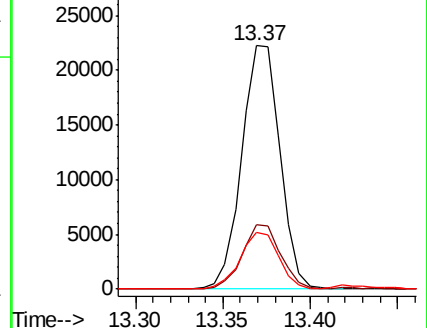
91 23.7 11.9 35.7

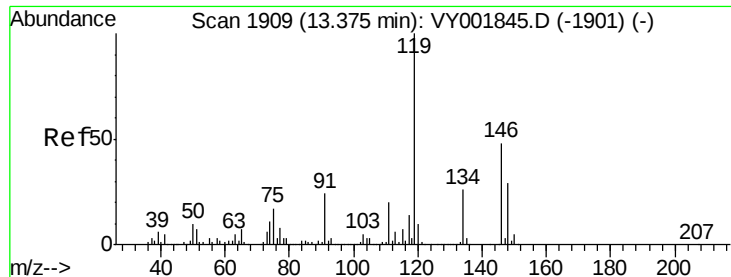


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 4.161 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampled :

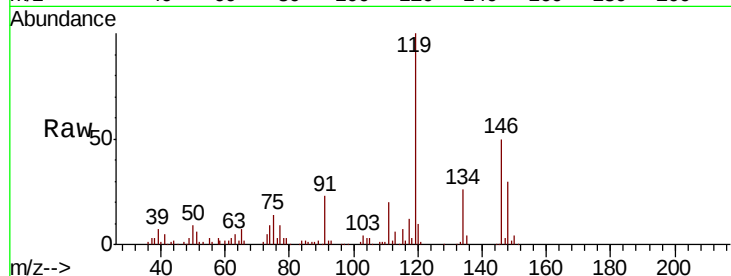
Tot Ion:146 Resp: 16384

Ion Ratio Lower Upper

146 100

111 40.7 20.8 62.5

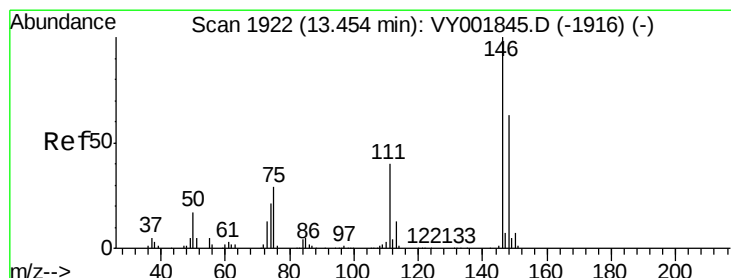
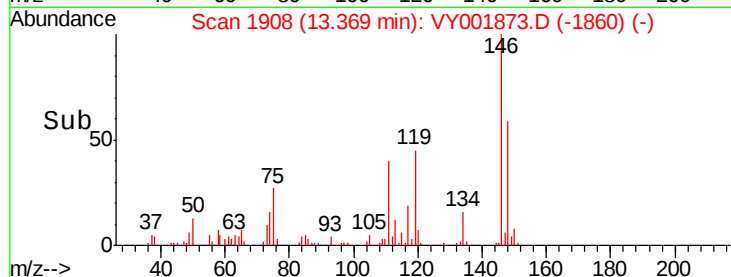
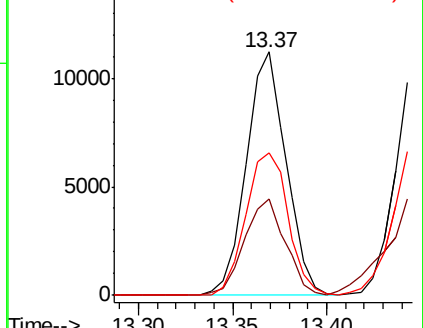
148 62.6 31.4 94.0



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



#88

1,4-Dichlorobenzene

Concen: 4.285 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

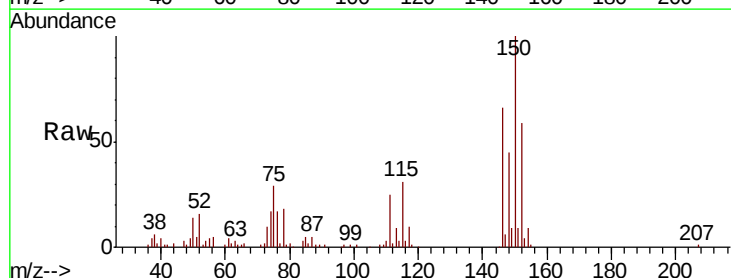
Tgt Ion:146 Resp: 17119

Ion Ratio Lower Upper

146 100

111 48.6 20.0 60.0

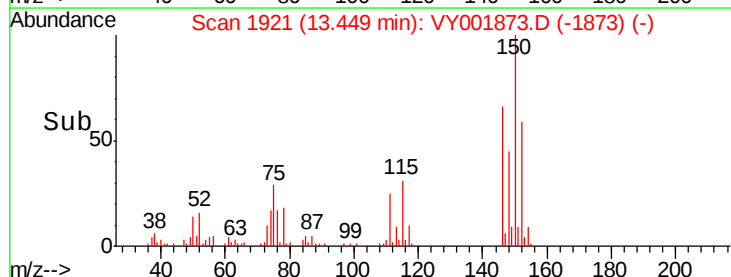
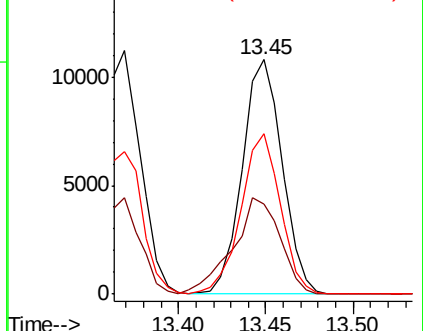
148 67.7 31.5 94.5

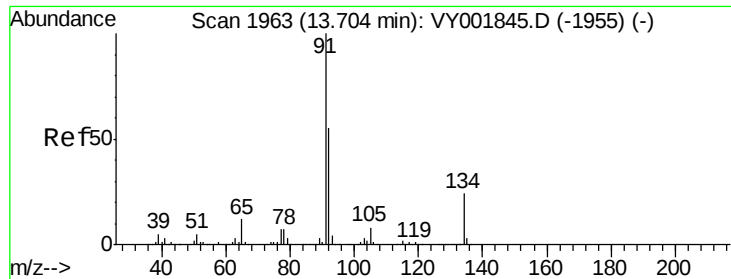


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

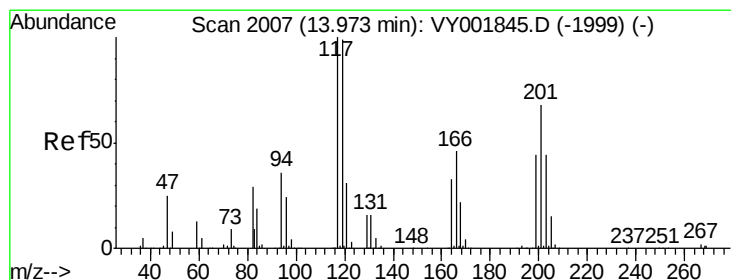
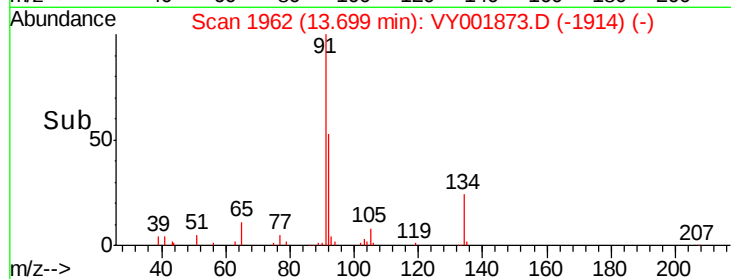
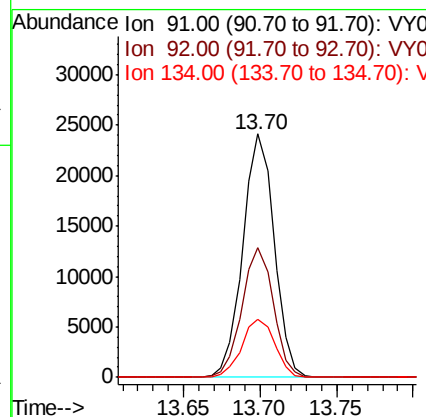
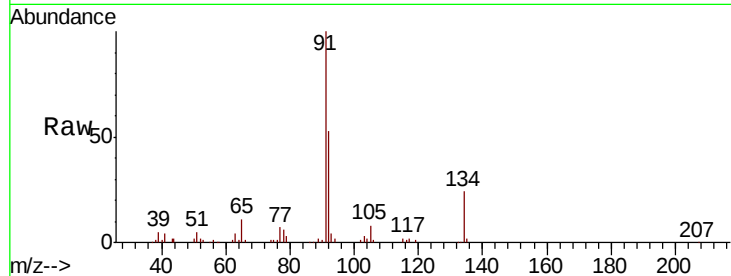




#89
n-Butylbenzene
Concen: 4.030 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

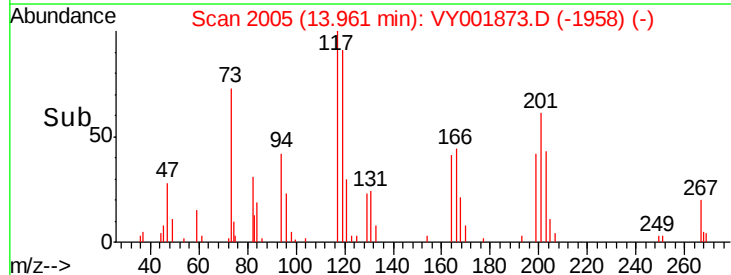
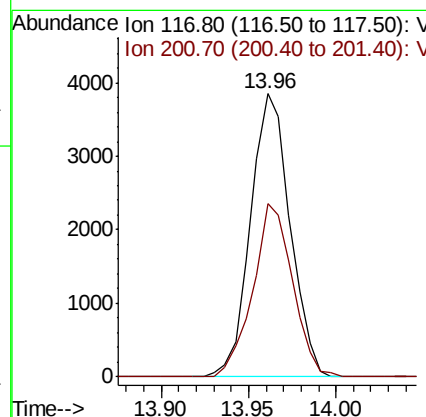
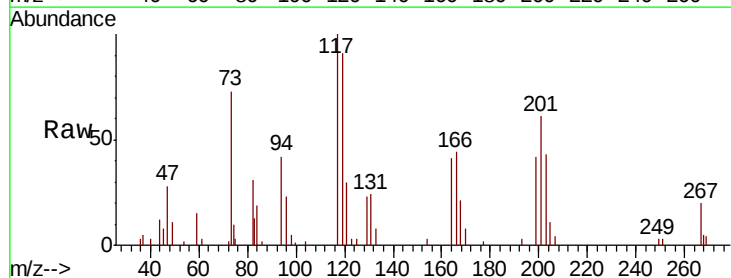
Instrument :
MSVOA_Y
ClientSampled :

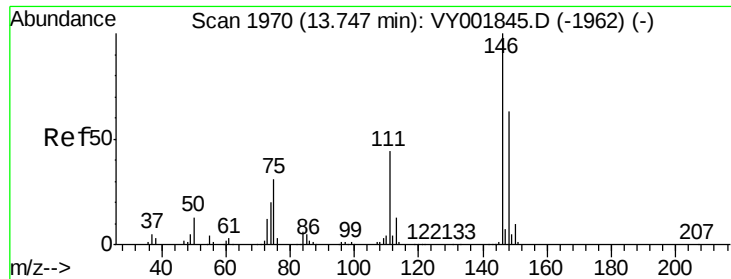
Tot Ion: 91 Resp: 34475
Ion Ratio Lower Upper
91 100
92 53.3 27.5 82.4
134 25.1 12.5 37.5



#90
Hexachloroethane
Concen: 3.890 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001873.D
Acq: 05 Mar 2020 11:59

Tgt Ion: 117 Resp: 6052
Ion Ratio Lower Upper
117 100
201 61.4 32.5 97.5

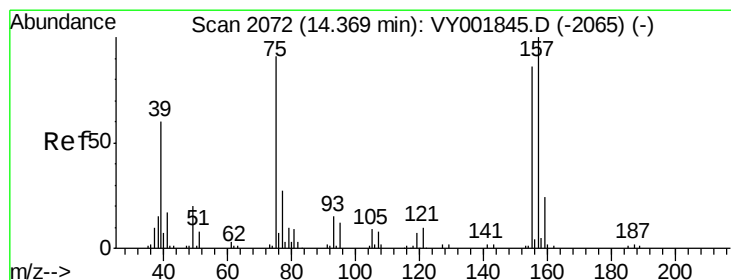
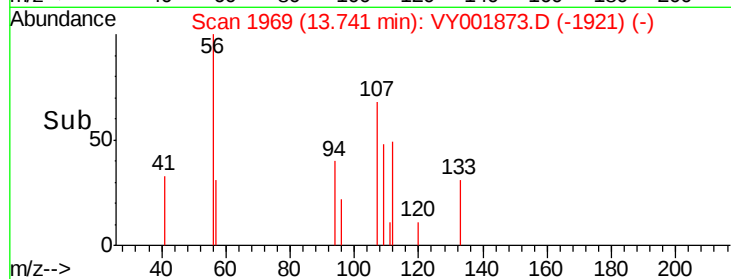
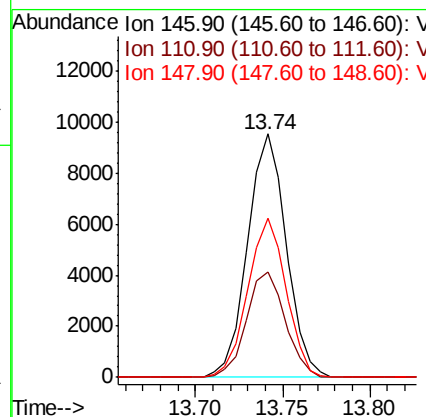
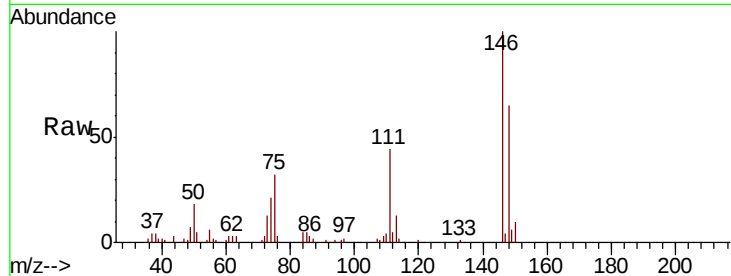




#91
 1,2-Dichlorobenzene
 Concen: 4.093 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

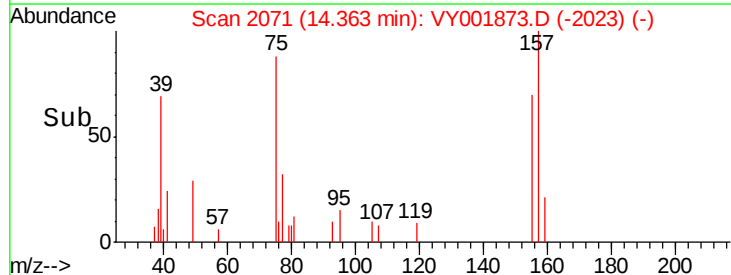
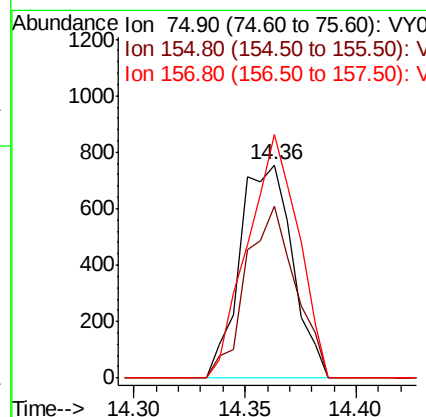
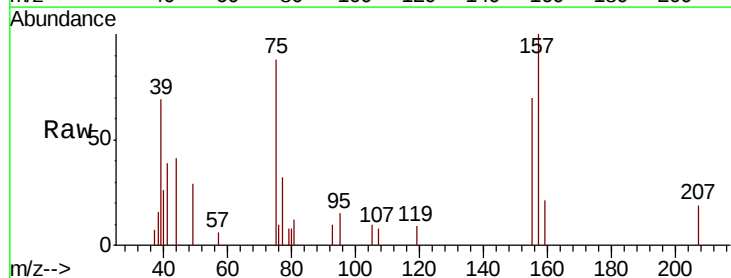
Instrument :
 MSVOA_Y
 ClientSampleId :

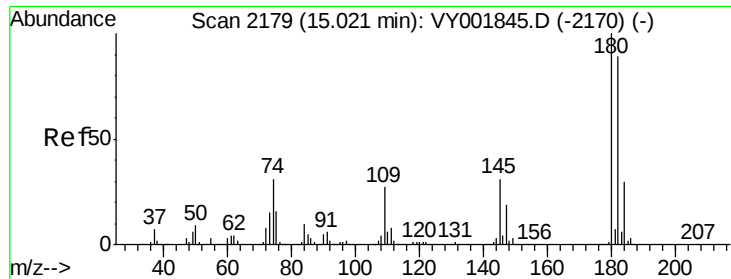
Tot Ion:146 Resp: 14644
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.5 64.5
 148 64.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.894 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Tgt Ion: 75 Resp: 1243
 Ion Ratio Lower Upper
 75 100
 155 75.7 42.9 128.7
 157 109.3 53.1 159.4

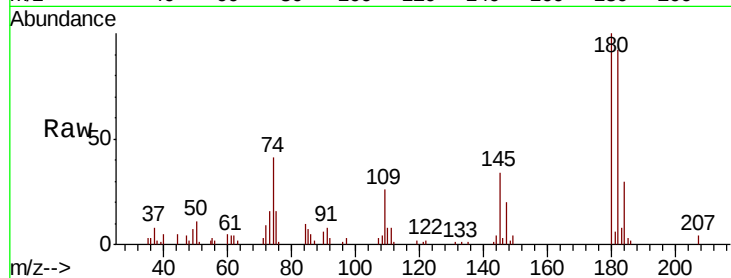




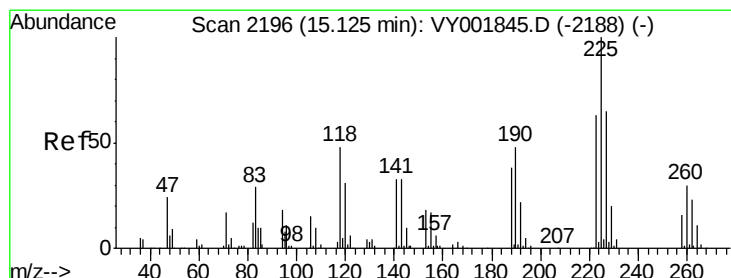
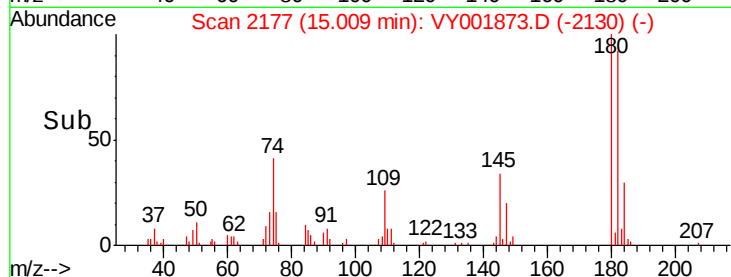
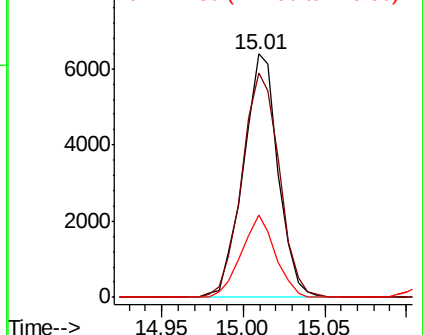
#93
 1,2,4-Trichlorobenzene
 Concen: 4.121 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	46.1	138.3
145	32.7	15.6	46.8

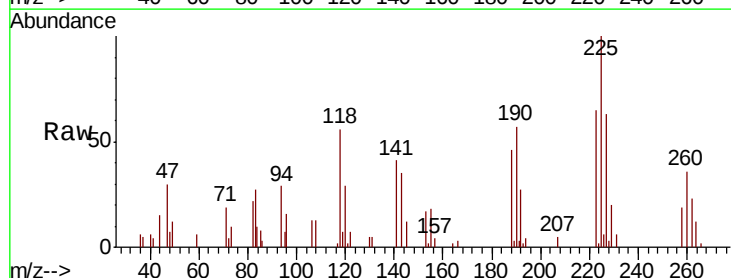


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

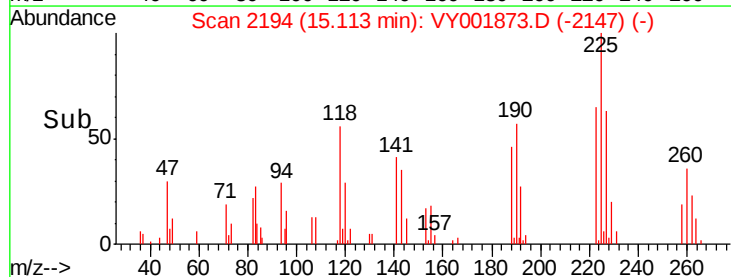
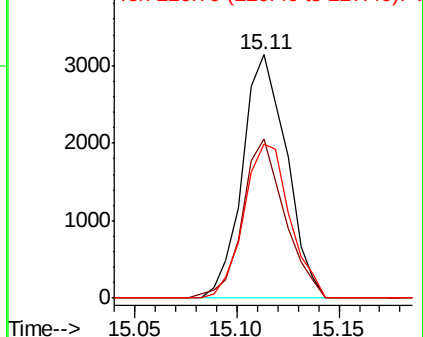


#94
 Hexachlorobutadiene
 Concen: 4.179 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001873.D
 Acq: 05 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.5	94.5
227	65.8	31.9	95.5



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: 3.972 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

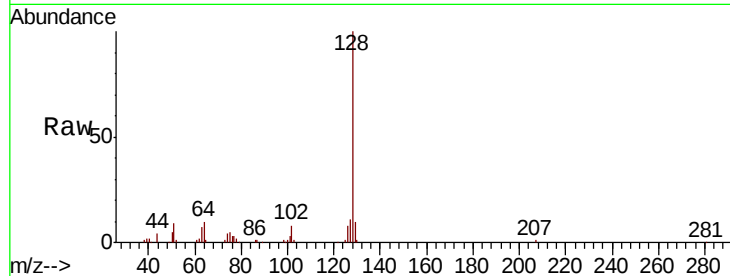
Tot Ion:128 Resp: 21858

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

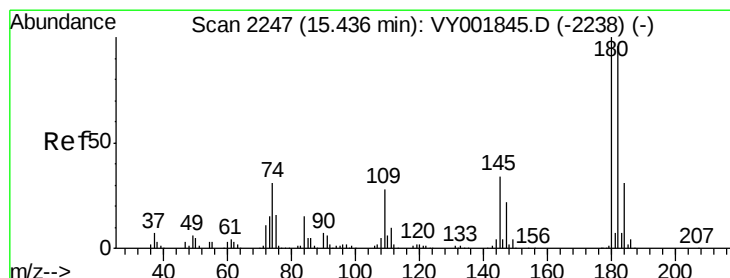
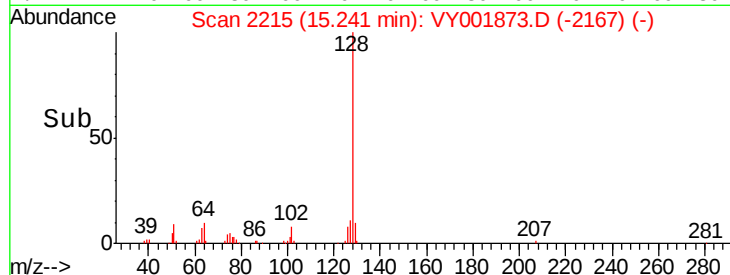
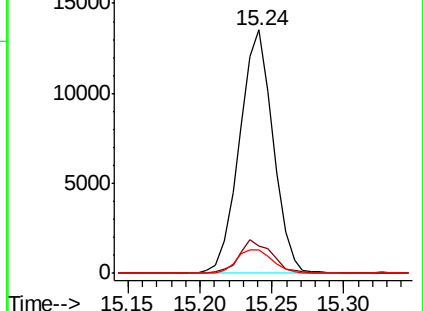
129 10.3 8.6 13.0



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: 4.098 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY001873.D

Acq: 05 Mar 2020 11:59

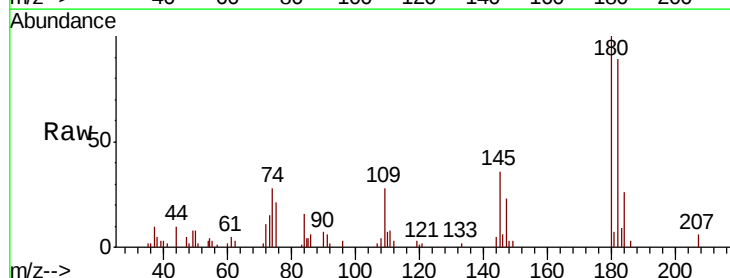
Tgt Ion:180 Resp: 8376

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.9

145 35.6 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

