

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001790.D
 Acq On : 26 Feb 2020 18:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 27 02:26:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	170703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	314153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	287895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135209	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	92512	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	7.74	113	86292	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
50) Toluene-d8	10.19	98	352065	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.49	95	128985	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	83037	49.903	ug/l	99
3) Chloromethane	2.13	50	105507	47.141	ug/l	98
4) Vinyl Chloride	2.26	62	106839	47.328	ug/l	98
5) Bromomethane	2.66	94	70402	49.900	ug/l	100
6) Chloroethane	2.81	64	68041	48.913	ug/l	100
7) Trichlorofluoromethane	3.15	101	144402	49.980	ug/l	100
8) Diethyl Ether	3.55	74	59488	52.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	92494	50.934	ug/l	99
10) Methyl Iodide	4.12	142	105133	47.304	ug/l	99
11) Tert butyl alcohol	4.99	59	55380	261.514	ug/l	100
12) 1,1-Dichloroethene	3.90	96	91735	49.529	ug/l	99
13) Acrolein	3.76	56	49823	268.670	ug/l	98
14) Allyl chloride	4.51	41	170780	51.809	ug/l	99
15) Acrylonitrile	5.21	53	164239	281.324	ug/l	99
16) Acetone	3.97	43	135276	212.922	ug/l	99
17) Carbon Disulfide	4.22	76	288194	46.607	ug/l	98
18) Methyl Acetate	4.50	43	75883	54.845	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	270901	52.533	ug/l	97
20) Methylene Chloride	4.75	84	111108	49.235	ug/l	99
21) trans-1,2-Dichloroethene	5.26	96	104952	49.665	ug/l	98
22) Diisopropyl ether	6.15	45	360870	53.309	ug/l	98
23) Vinyl Acetate	6.10	43	1193042	270.188	ug/l	99
24) 1,1-Dichloroethane	6.05	63	186589	51.572	ug/l	99
25) 2-Butanone	7.02	43	216164	250.459	ug/l	99
26) 2,2-Dichloropropane	7.01	77	148903	47.304	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	120226	51.543	ug/l	99
28) Bromochloromethane	7.36	49	88623	58.801	ug/l	96
29) Tetrahydrofuran	7.38	42	143514	275.111	ug/l	98
30) Chloroform	7.53	83	179046	50.646	ug/l	99
31) Cyclohexane	7.81	56	183838	47.656	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	150270	50.575	ug/l	99
36) 1,1-Dichloropropene	7.94	75	146509	48.824	ug/l	99
37) Ethyl Acetate	7.11	43	94116	52.549	ug/l	99
38) Carbon Tetrachloride	7.93	117	127164	48.246	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001790.D
 Acq On : 26 Feb 2020 18:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 27 02:26:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	189976	47.720	ug/l	98
40) Benzene	8.19	78	444963	50.418	ug/l	99
41) Methacrylonitrile	7.37	41	127136	141.375	ug/l #	31
42) 1,2-Dichloroethane	8.26	62	120453	50.099	ug/l	99
43) Isopropyl Acetate	8.30	43	178745	52.600	ug/l	100
44) Trichloroethene	8.96	130	107732	48.900	ug/l	98
45) 1,2-Dichloropropane	9.24	63	115801	52.393	ug/l	100
46) Dibromomethane	9.33	93	59696	51.638	ug/l	99
47) Bromodichloromethane	9.52	83	142115	50.936	ug/l	100
48) Methyl methacrylate	9.31	41	80024	52.069	ug/l	98
49) 1,4-Dioxane	9.32	88	17019	1042.329	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	466524	267.202	ug/l	99
52) Toluene	10.26	92	271098	49.245	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	156540	50.752	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	180081	50.727	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	88749	52.064	ug/l	98
56) Ethyl methacrylate	10.52	69	133601	52.244	ug/l	98
57) 1,3-Dichloropropane	10.80	76	156408	51.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	243830	253.828	ug/l	99
59) 2-Hexanone	10.85	43	331234	252.846	ug/l	99
60) Dibromochloromethane	11.00	129	94081	50.060	ug/l	98
61) 1,2-Dibromoethane	11.10	107	84109	52.184	ug/l	99
64) Tetrachloroethene	10.73	164	85290	47.192	ug/l	99
65) Chlorobenzene	11.53	112	282745	49.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	95892	49.457	ug/l	99
67) Ethyl Benzene	11.60	91	524191	49.144	ug/l	100
68) m/p-Xylenes	11.71	106	392916	98.613	ug/l	99
69) o-Xylene	12.04	106	186723	49.294	ug/l	97
70) Styrene	12.05	104	326075	49.531	ug/l	99
71) Bromoform	12.22	173	54074	48.801	ug/l #	99
73) Isopropylbenzene	12.34	105	500080	48.549	ug/l	99
74) N-amyl acetate	12.15	43	167352	50.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	114678	52.141	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	147259	94.943	ug/l #	100
77) Bromobenzene	12.62	156	109808	49.176	ug/l	98
78) n-propylbenzene	12.68	91	616925	49.177	ug/l	99
79) 2-Chlorotoluene	12.77	91	344552	48.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	413474	48.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	41120	50.297	ug/l	99
82) 4-Chlorotoluene	12.86	91	362200	48.808	ug/l	99
83) tert-Butylbenzene	13.08	119	346687	48.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	420319	49.446	ug/l	100
85) sec-Butylbenzene	13.26	105	514791	49.082	ug/l	100
86) p-Isopropyltoluene	13.38	119	444157	48.747	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	213302	49.255	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	215483	49.225	ug/l	99
89) n-Butylbenzene	13.70	91	458173	49.212	ug/l	99
90) Hexachloroethane	13.97	117	84683	49.329	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	195549	48.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18183	50.095	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
Data File : VY001790.D
Acq On : 26 Feb 2020 18:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 27 02:26:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

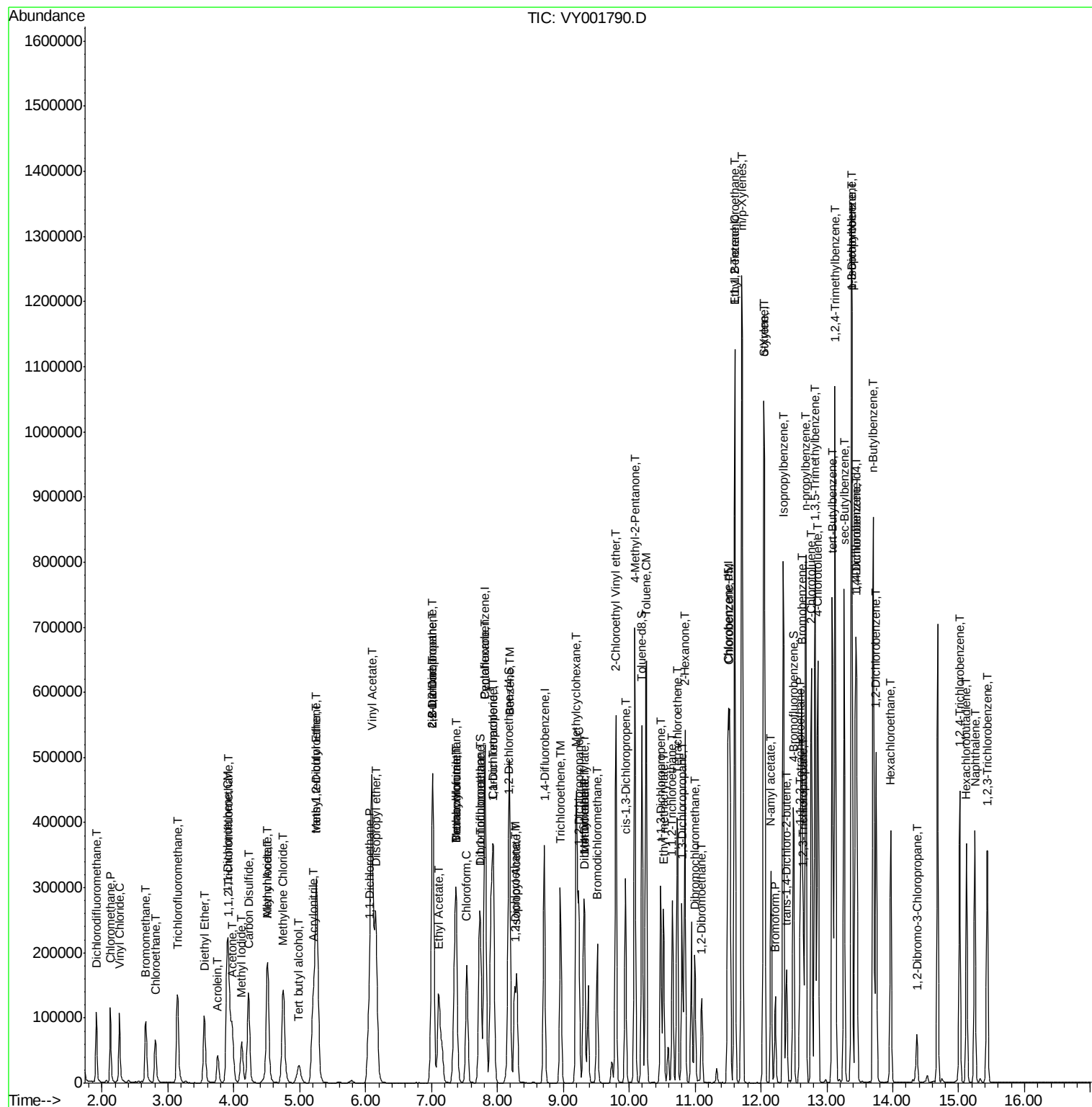
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	127773	48.245	ug/l	99
94) Hexachlorobutadiene	15.12	225	60711	46.094	ug/l	100
95) Naphthalene	15.25	128	310812	50.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	114073	48.959	ug/l	99

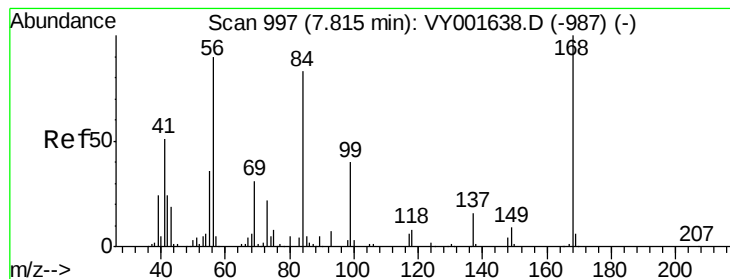
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
Data File : VY001790.D
Acq On : 26 Feb 2020 18:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 27 02:26:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

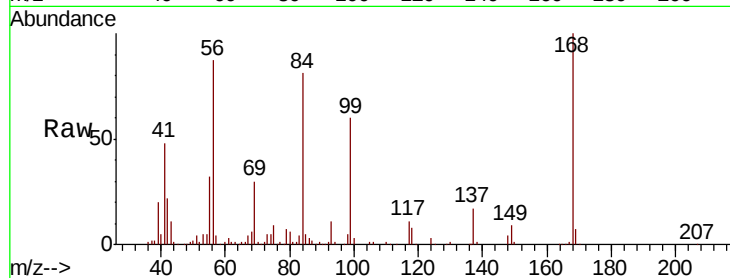
ClientSampled :

Tot Ion:168 Resp: 170703

Ion Ratio Lower Upper

168 100

99 59.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

80000

60000

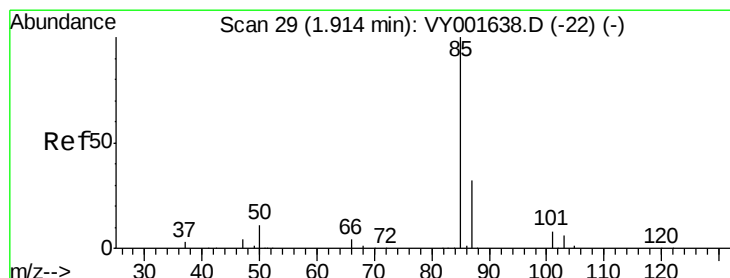
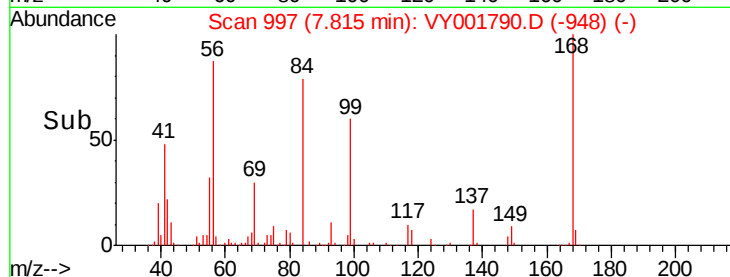
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.903 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001790.D

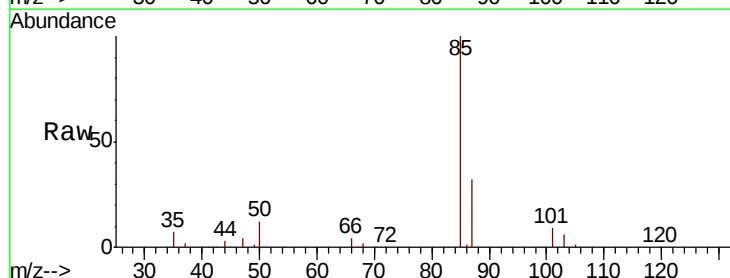
Acq: 26 Feb 2020 18:20

Tgt Ion: 85 Resp: 83037

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)

1.91

60000

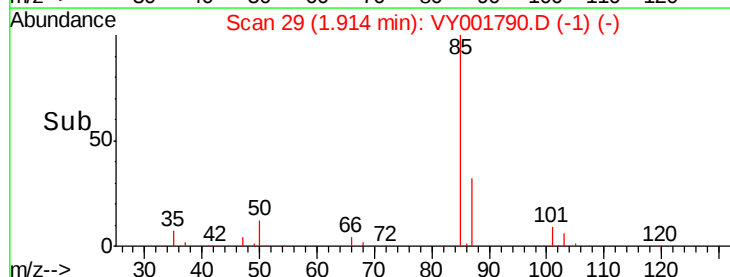
40000

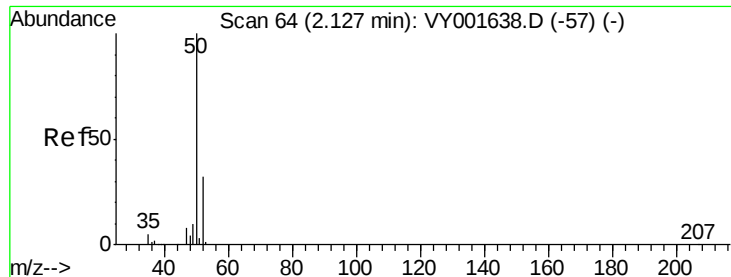
20000

0

1.80 1.90 2.00

Time-->

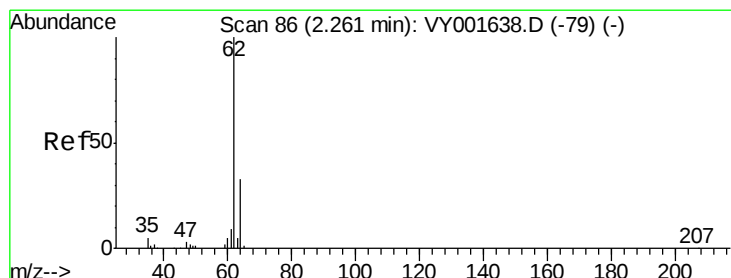
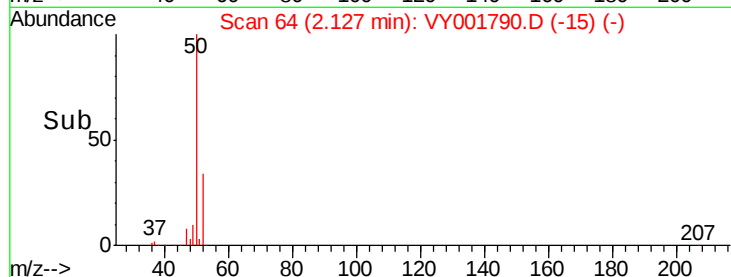
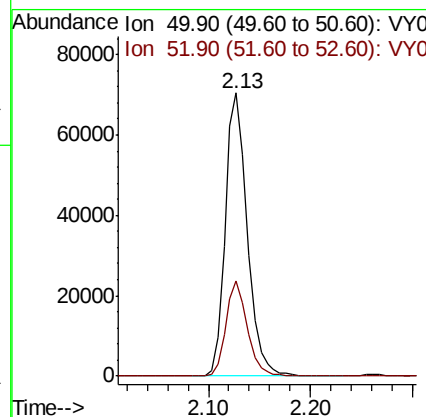
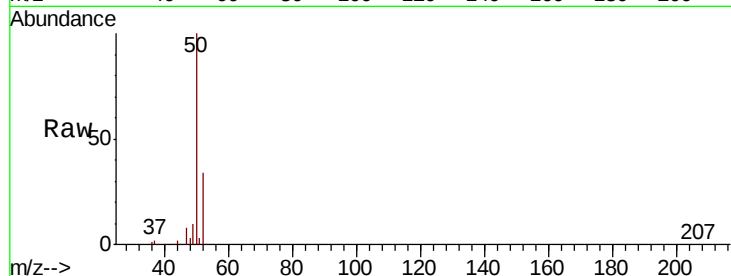




#3
Chloromethane
Concen: 47.141 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

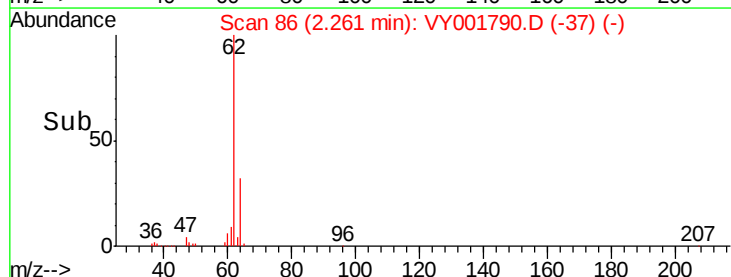
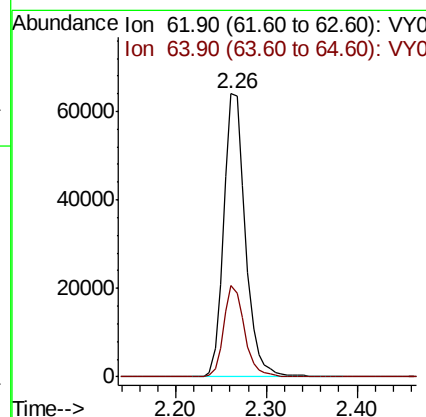
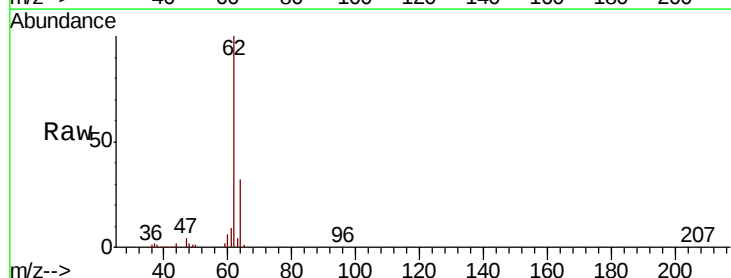
Instrument :
MSVOA_Y
ClientSampleId :

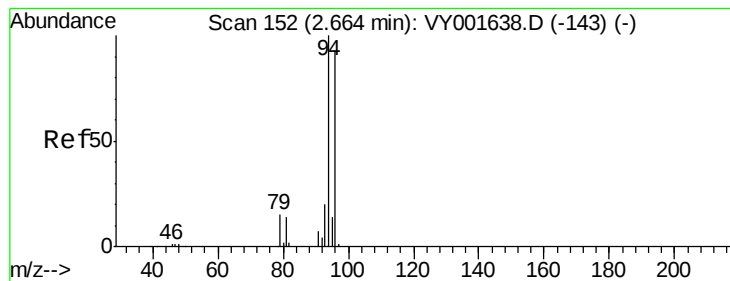
Tot Ion: 50 Resp: 105507
Ion Ratio Lower Upper
50 100
52 33.6 25.8 38.6



#4
Vinyl Chloride
Concen: 47.328 ug/l
RT: 2.26 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 62 Resp: 106839
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3





#5

Bromomethane

Concen: 49.900 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

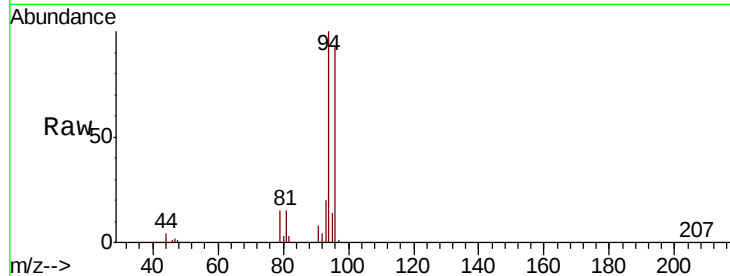
ClientSampled :

Tot Ion: 94 Resp: 70402

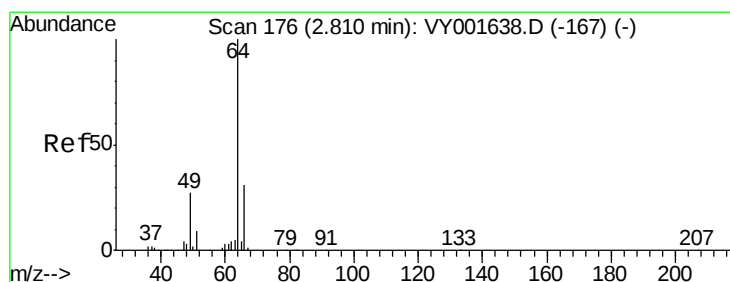
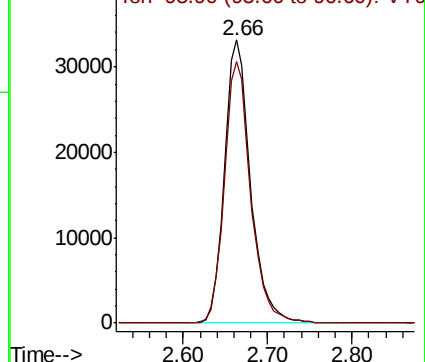
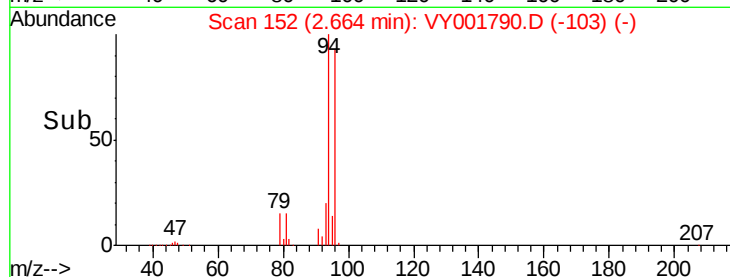
Ion Ratio Lower Upper

94 100

96 92.4 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY001790.D (-103) (-)



#6

Chloroethane

Concen: 48.913 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001790.D

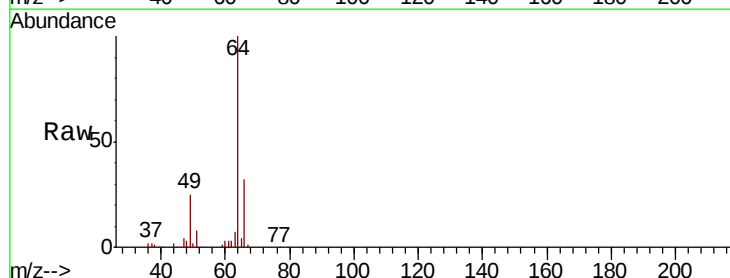
Acq: 26 Feb 2020 18:20

Tgt Ion: 64 Resp: 68041

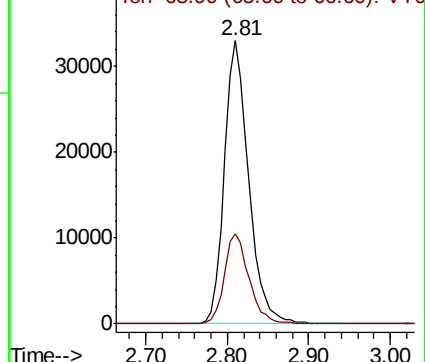
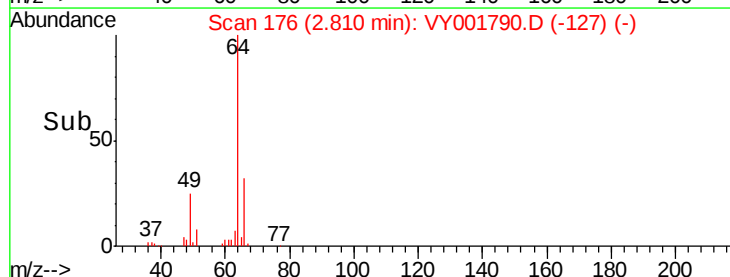
Ion Ratio Lower Upper

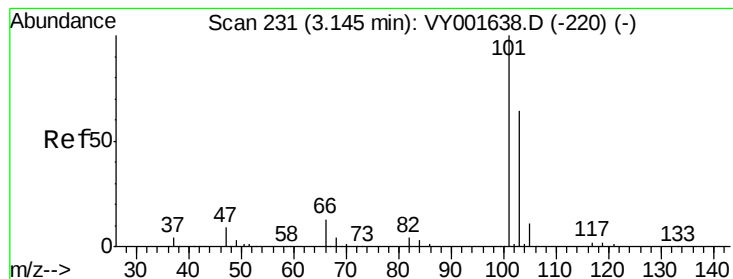
64 100

66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY001790.D (-127) (-)



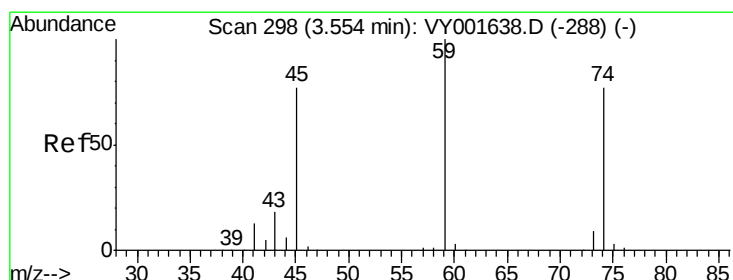
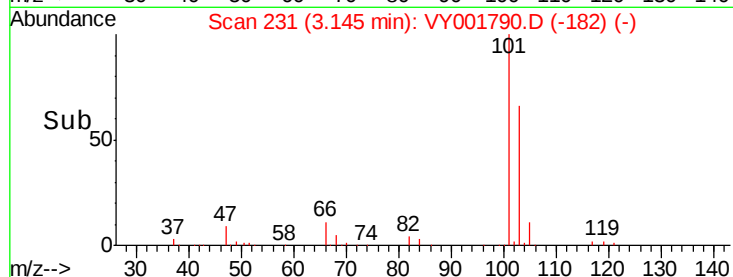
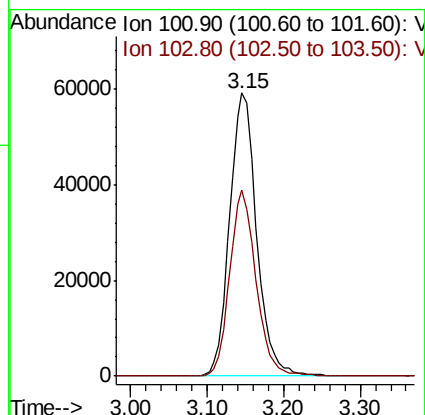
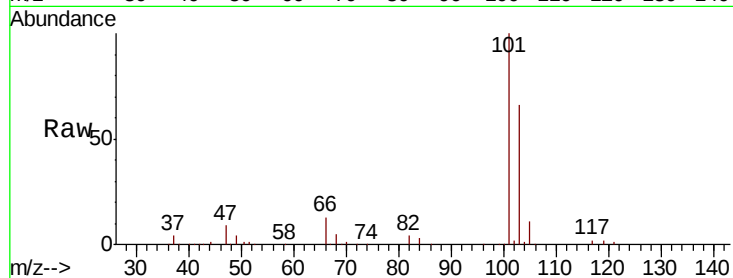


#7

Trichlorofluoromethane
Concen: 49.980 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :

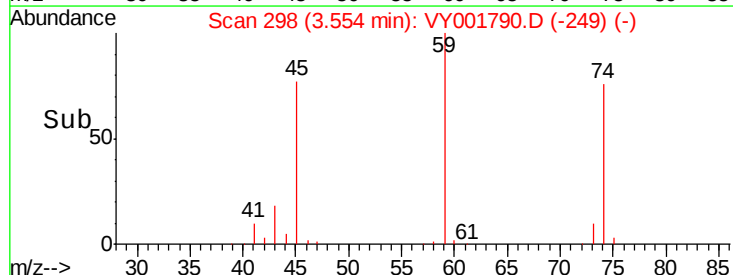
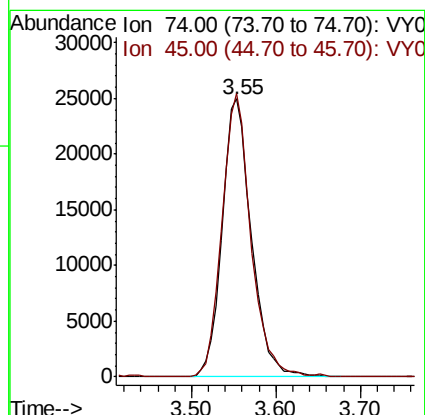
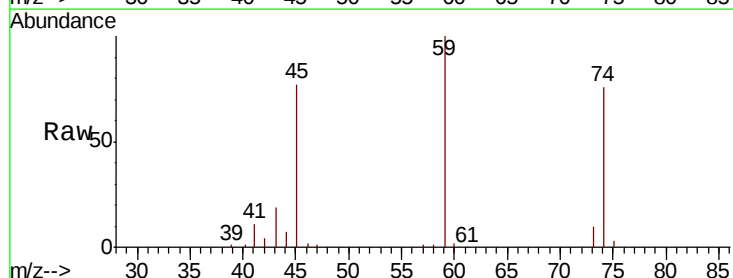
Tot Ion:101 Resp: 144402
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.2

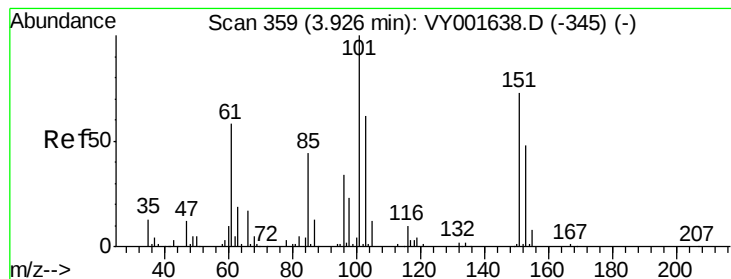


#8

Diethyl Ether
Concen: 52.230 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 74 Resp: 59488
Ion Ratio Lower Upper
74 100
45 101.1 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.934 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

ClientSampleId :

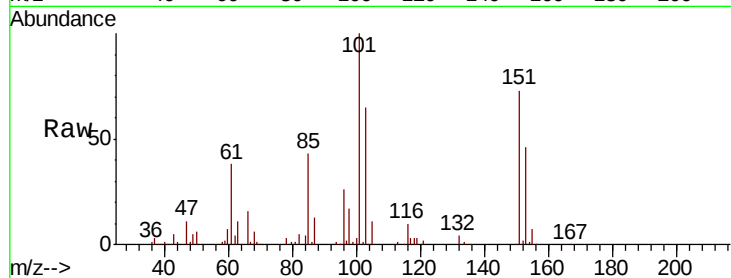
Tot Ion:101 Resp: 92494

Ion Ratio Lower Upper

101 100

85 44.3 35.1 52.7

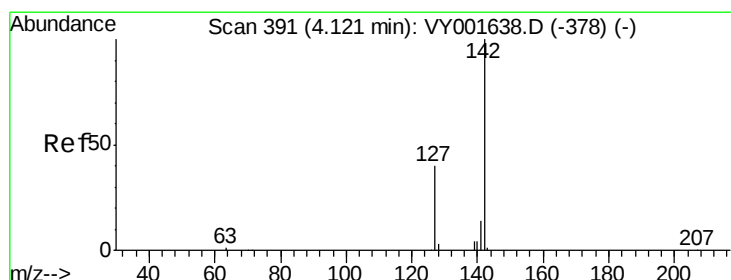
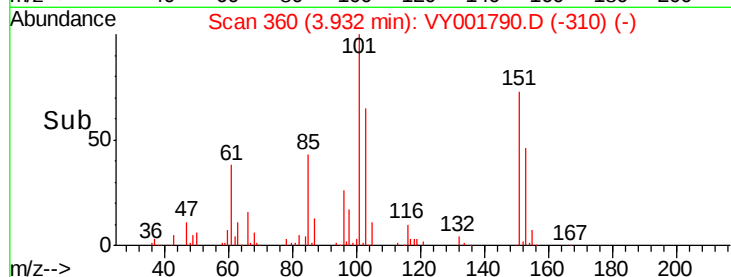
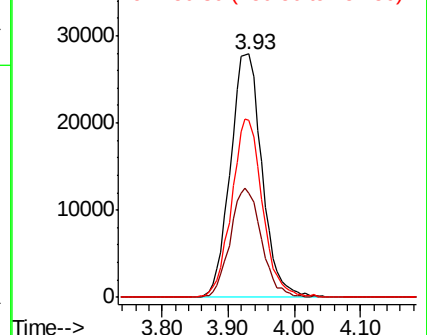
151 71.4 58.4 87.6



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: 47.304 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

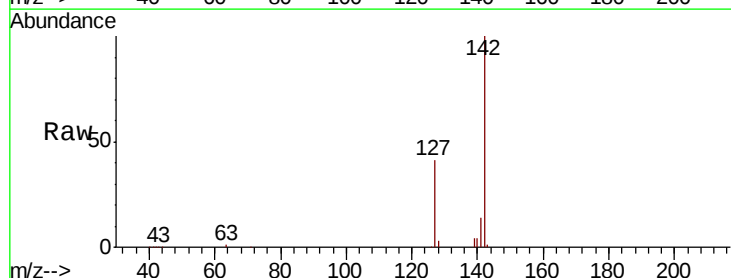
Tgt Ion:142 Resp: 105133

Ion Ratio Lower Upper

142 100

127 41.1 32.1 48.1

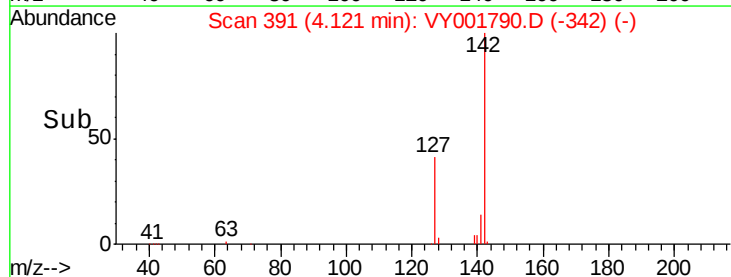
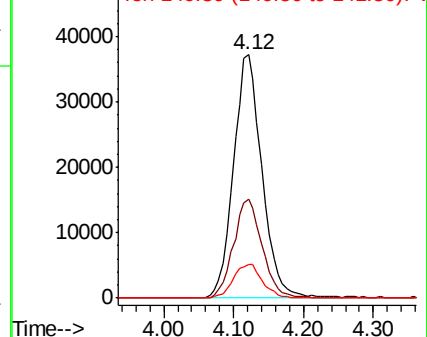
141 14.2 11.3 16.9

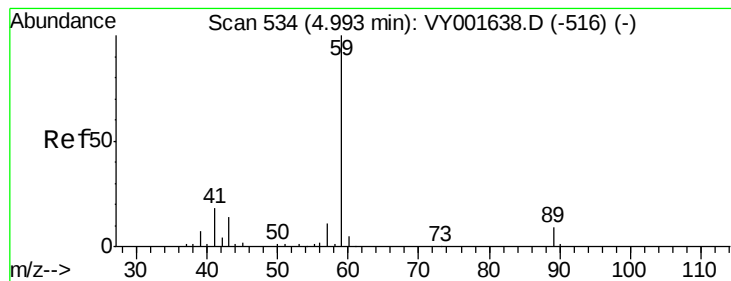


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



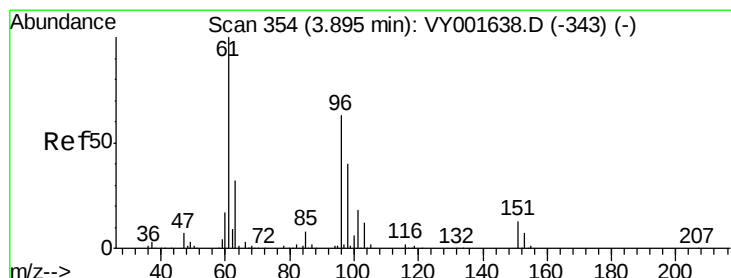
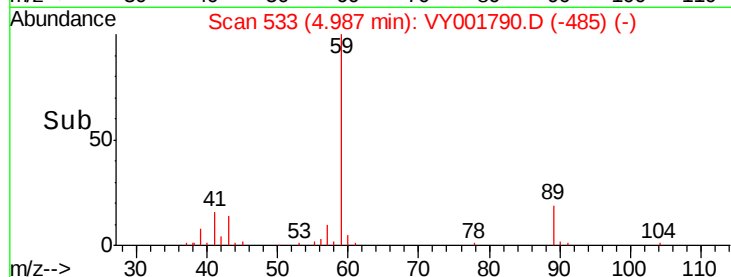
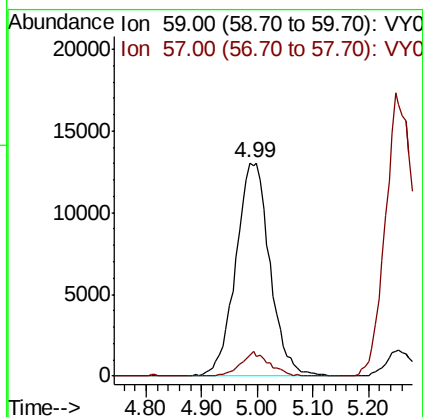
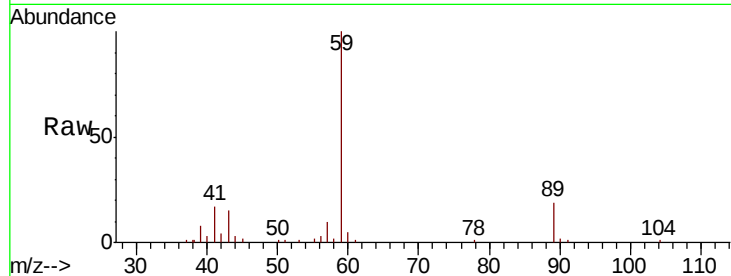


#11

Tert butyl alcohol
 Concen: 261.514 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Instrument :
 MSVOA_Y
 ClientSampleId :

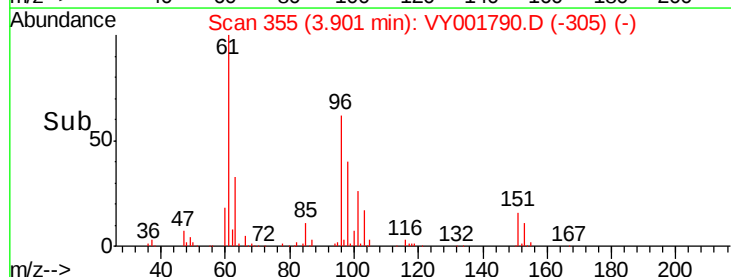
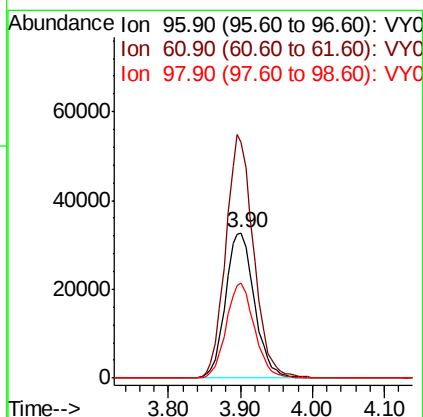
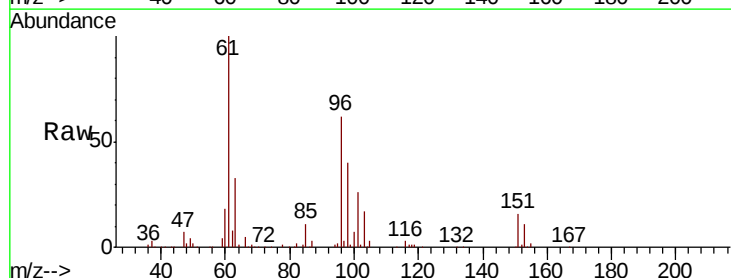
Tot Ion: 59 Resp: 55380
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.4 11.2

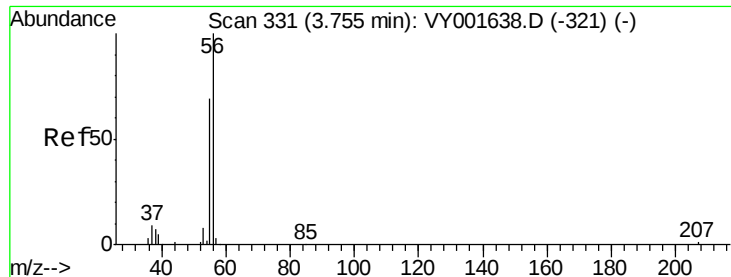


#12

1,1-Dichloroethene
 Concen: 49.529 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion: 96 Resp: 91735
 Ion Ratio Lower Upper
 96 100
 61 162.0 128.7 193.1
 98 65.2 50.7 76.1





#13

Acrolein

Concen: 268.670 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

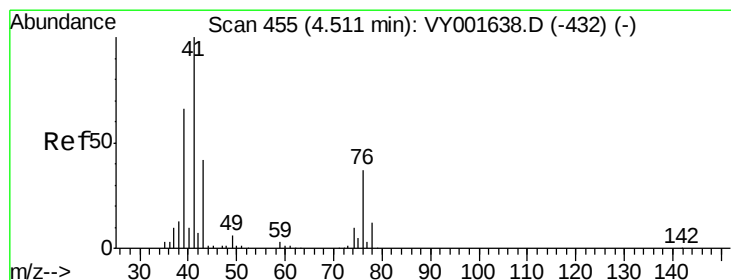
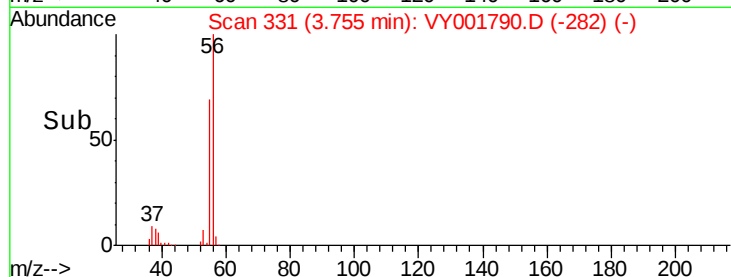
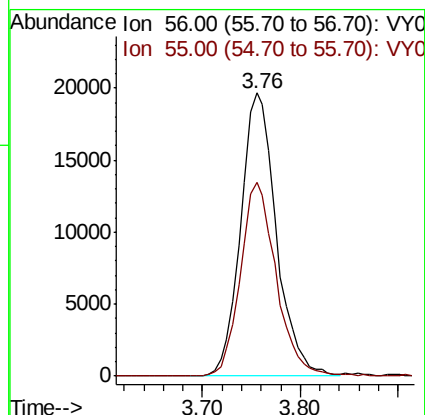
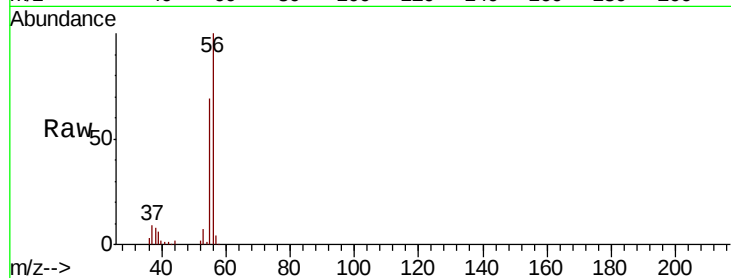
ClientSampleId :

Tot Ion: 56 Resp: 49823

Ion Ratio Lower Upper

56 100

55 68.7 56.1 84.1



#14

Allyl chloride

Concen: 51.809 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

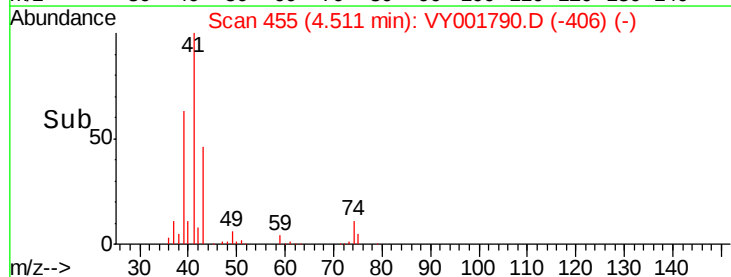
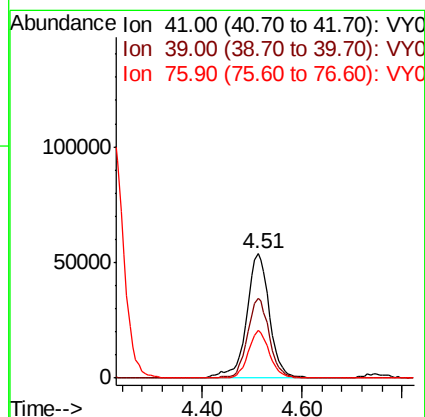
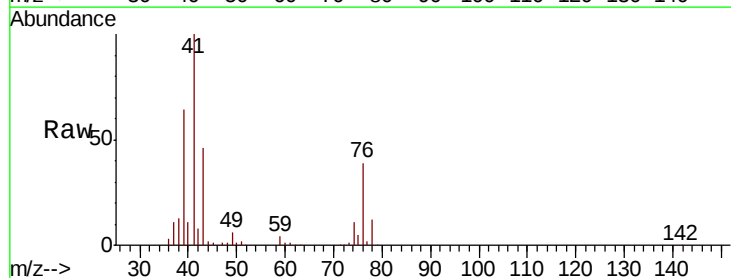
Tgt Ion: 41 Resp: 170780

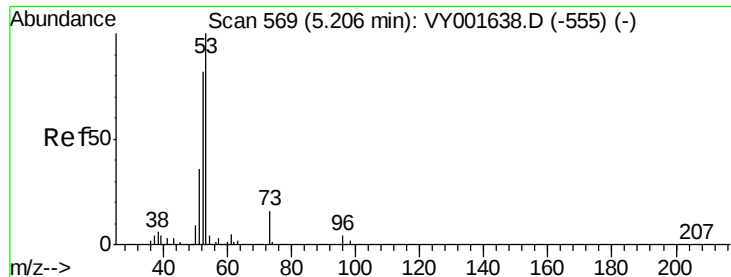
Ion Ratio Lower Upper

41 100

39 61.6 49.4 74.0

76 35.3 29.0 43.6





#15

Acrylonitrile

Concen: 281.324 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

ClientSampleId :

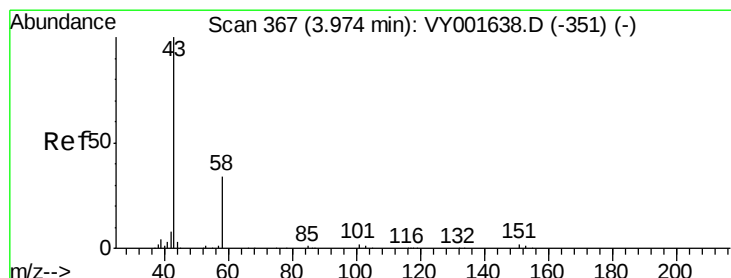
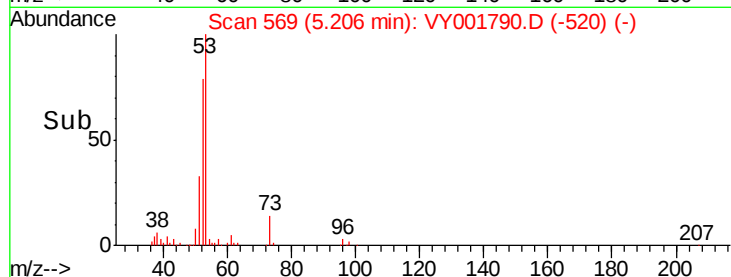
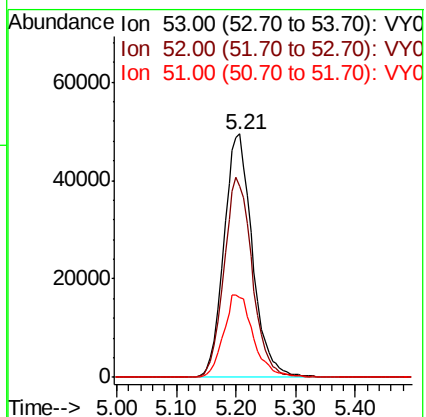
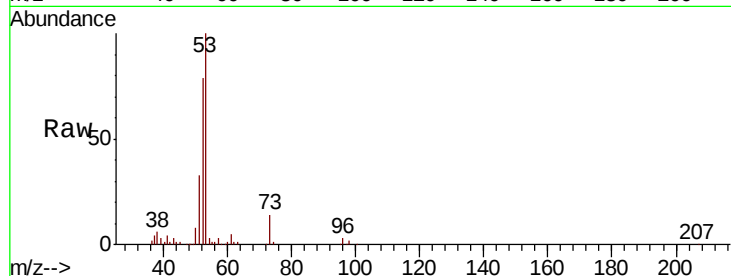
Tot Ion: 53 Resp: 164239

Ion Ratio Lower Upper

53 100

52 81.2 65.4 98.0

51 35.4 28.0 42.0



#16

Acetone

Concen: 212.922 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001790.D

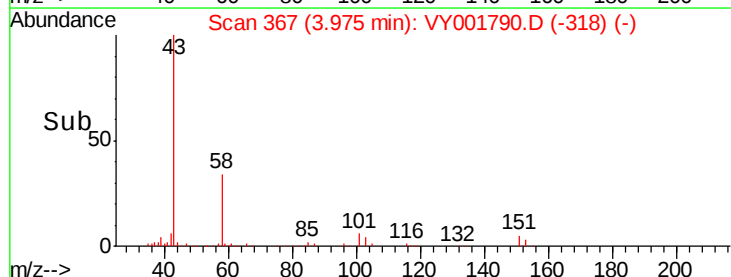
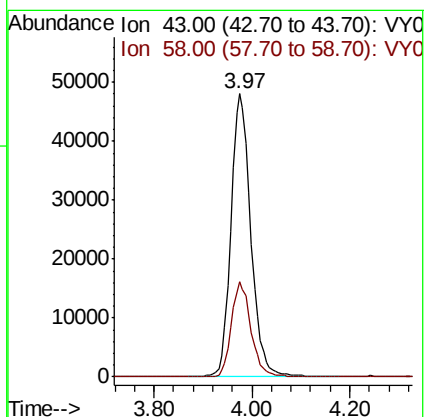
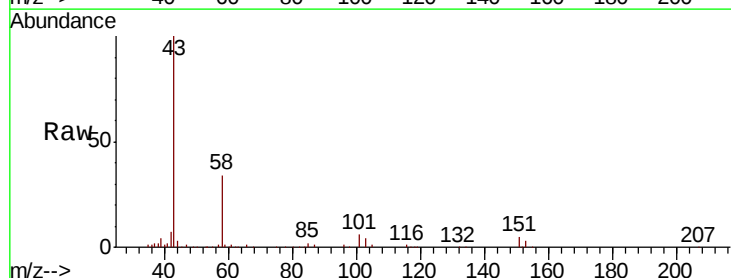
Acq: 26 Feb 2020 18:20

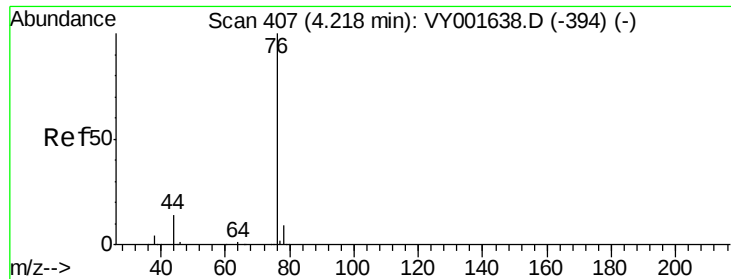
Tgt Ion: 43 Resp: 135276

Ion Ratio Lower Upper

43 100

58 33.6 27.3 40.9





#17

Carbon Disulfide

Concen: 46.607 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

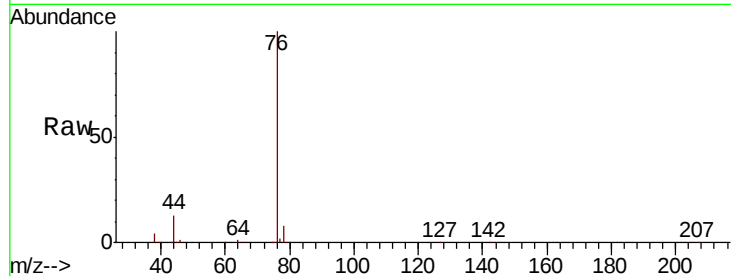
ClientSampleId :

Tot Ion: 76 Resp: 288194

Ion Ratio Lower Upper

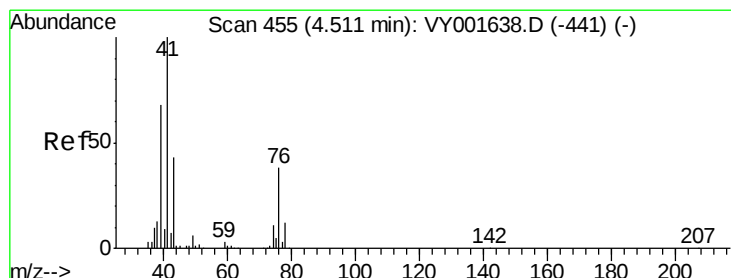
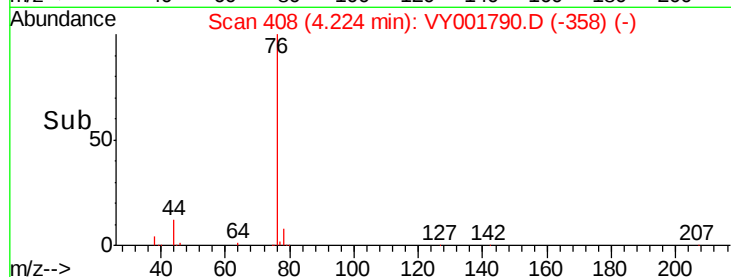
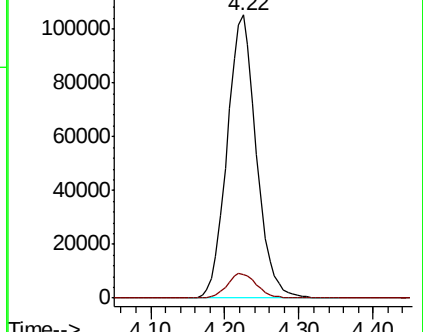
76 100

78 8.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY001790.D (-394) (-)

Ion 77.90 (77.60 to 78.60): VY001790.D (-394) (-)



#18

Methyl Acetate

Concen: 54.845 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001790.D

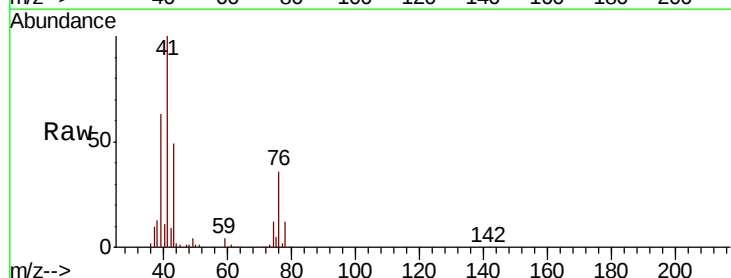
Acq: 26 Feb 2020 18:20

Tgt Ion: 43 Resp: 75883

Ion Ratio Lower Upper

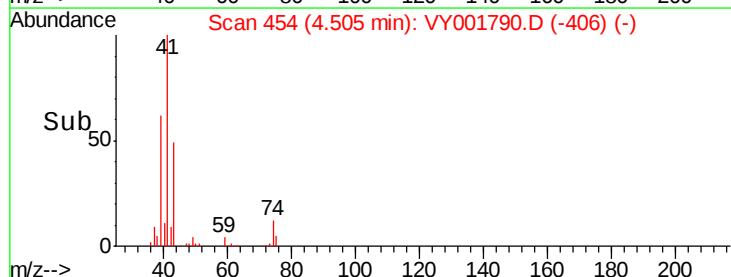
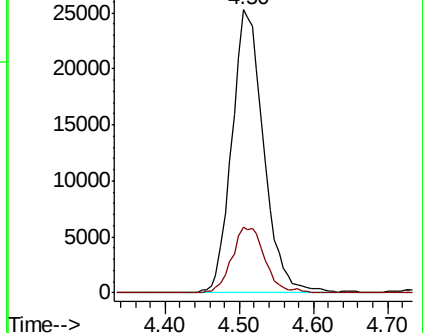
43 100

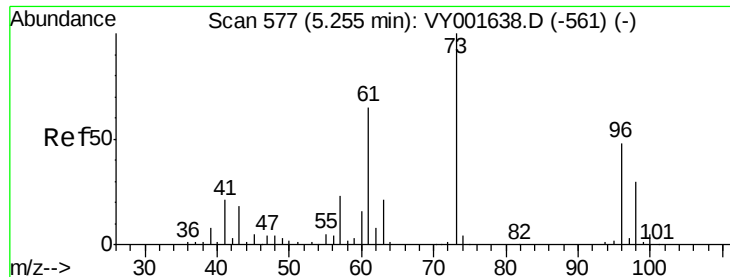
74 23.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY001790.D (-406) (-)

Ion 74.00 (73.70 to 74.70): VY001790.D (-406) (-)

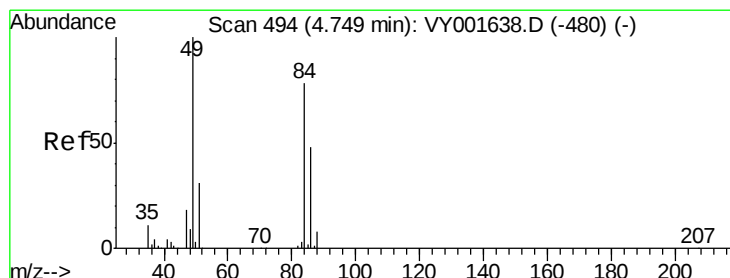
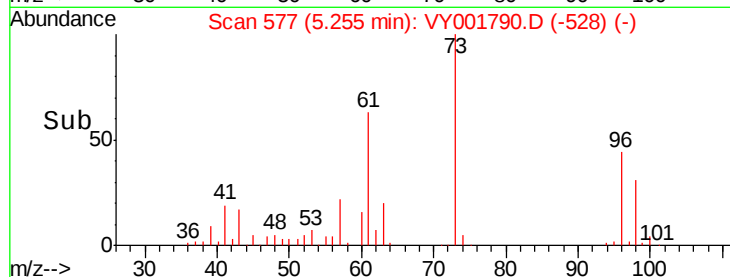
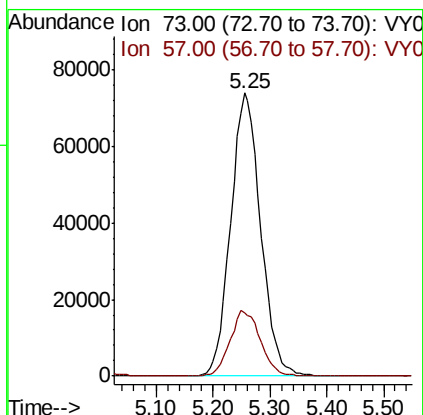
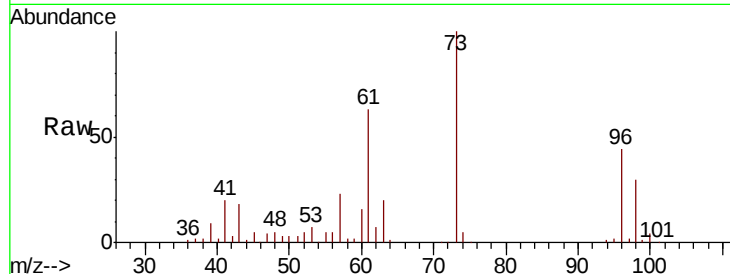




#19
Methvl tert-butvl Ether
Concen: 52.533 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

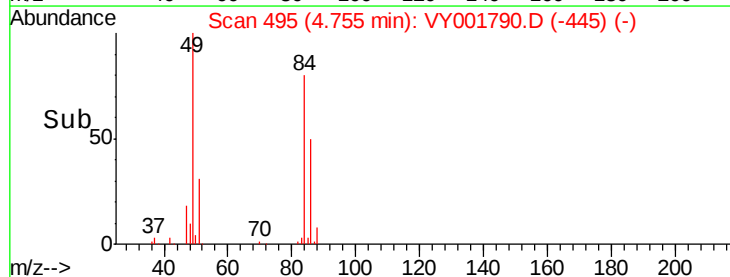
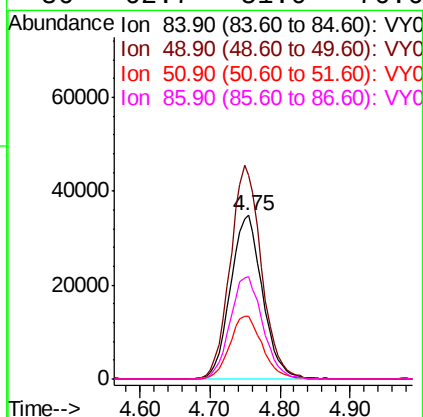
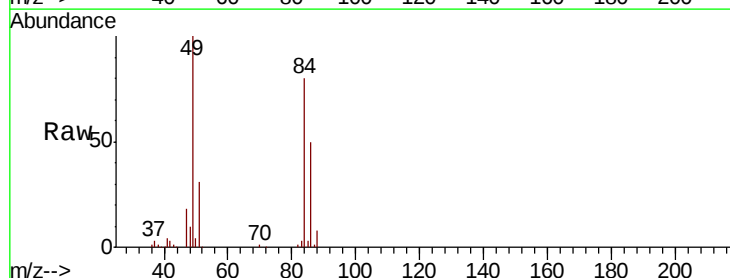
Instrument :
MSVOA_Y
ClientSampled :

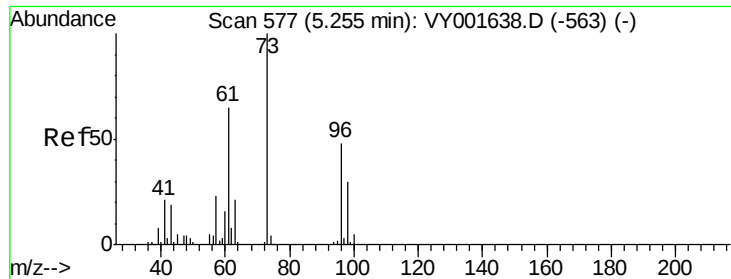
Tot Ion: 73 Resp: 270901
Ion Ratio Lower Upper
73 100
57 22.6 19.0 28.6



#20
Methylene Chloride
Concen: 49.235 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 84 Resp: 111108
Ion Ratio Lower Upper
84 100
49 124.8 99.2 148.8
51 38.2 31.5 47.3
86 62.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.665 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

ClientSampleId :

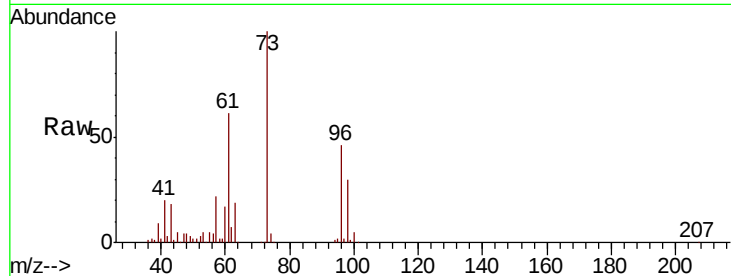
Tot Ion: 96 Resp: 104952

Ion Ratio Lower Upper

96 100

61 133.1 107.9 161.9

98 65.1 49.8 74.8

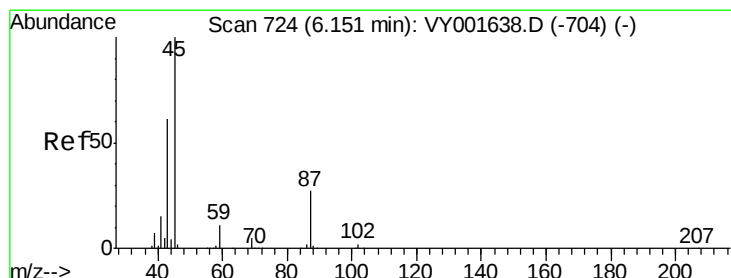
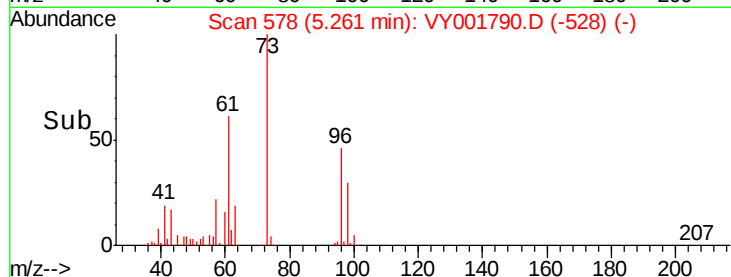
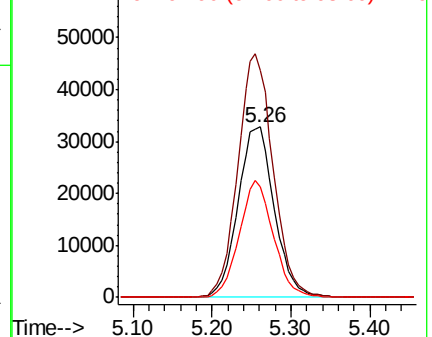


Abundance

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: 53.309 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Tgt Ion: 45 Resp: 360870

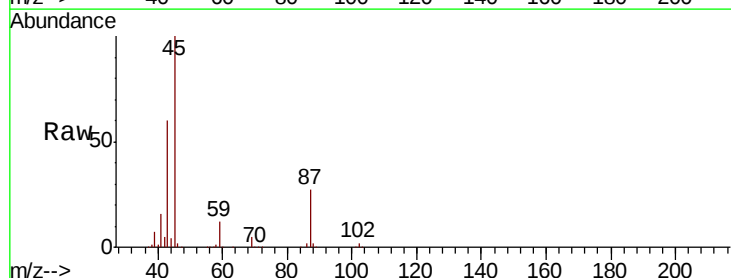
Ion Ratio Lower Upper

45 100

43 59.9 46.4 69.6

87 26.5 22.1 33.1

59 11.5 9.4 14.0



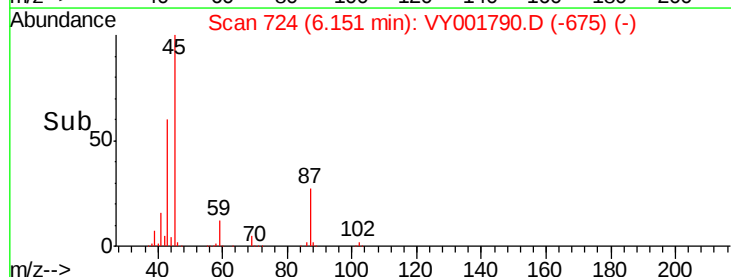
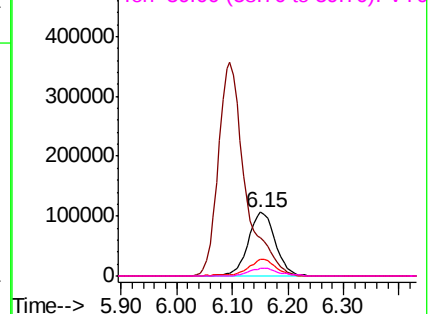
Abundance

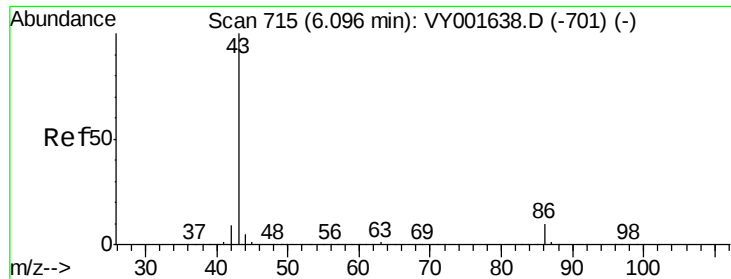
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

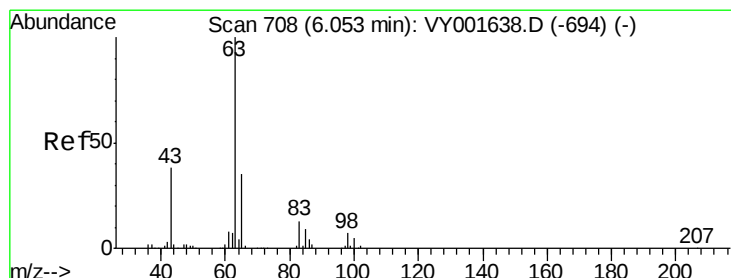
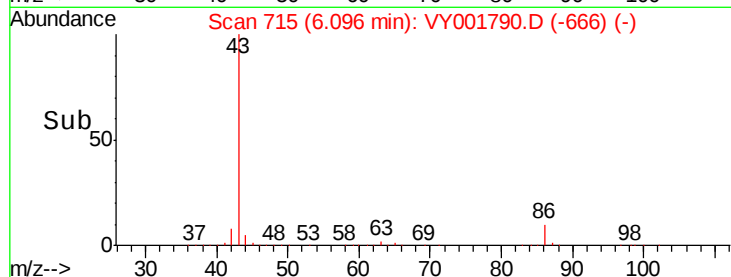
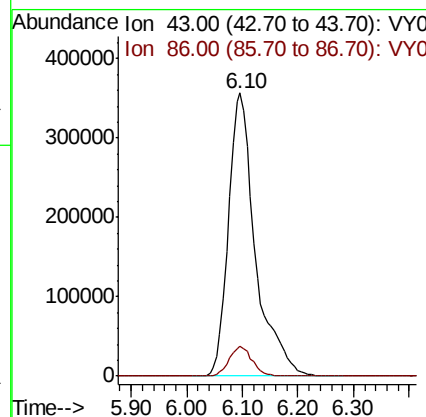
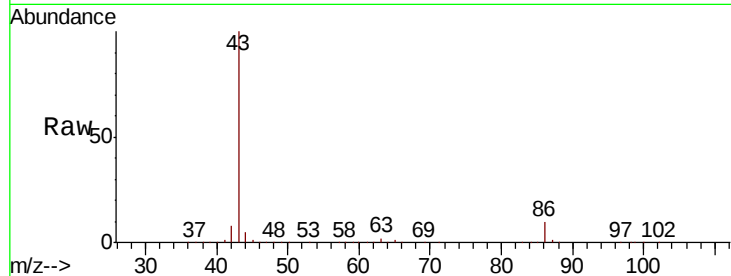




#23
 Vinyl Acetate
 Concen: 270.188 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

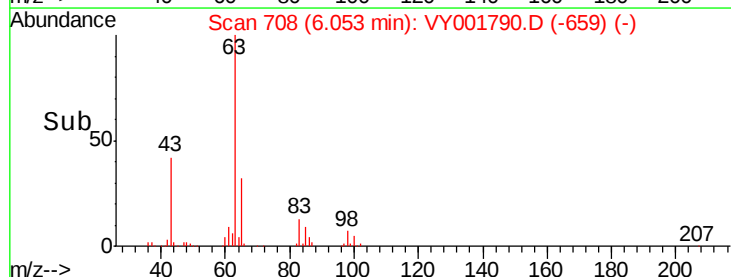
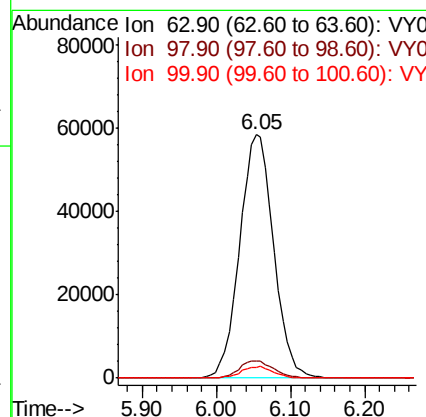
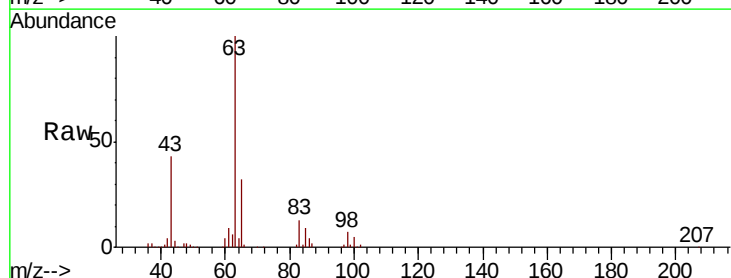
Instrument :
 MSVOA_Y
 ClientSampleId :

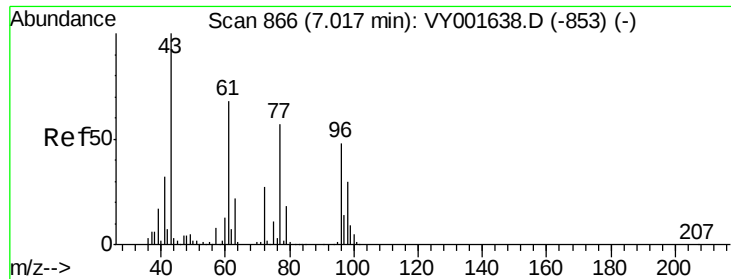
Tot Ion: 43 Resp: 1193042
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 51.572 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion: 63 Resp: 186589
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 250.459 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

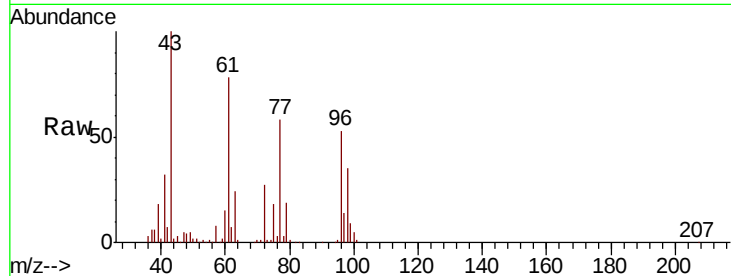
ClientSampled :

Tot Ion: 43 Resp: 216164

Ion Ratio Lower Upper

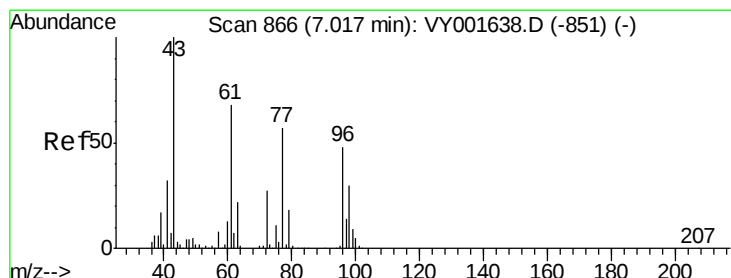
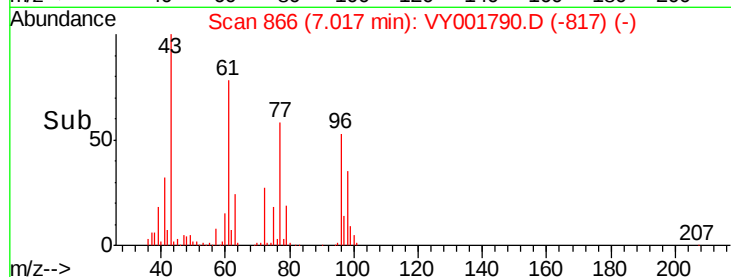
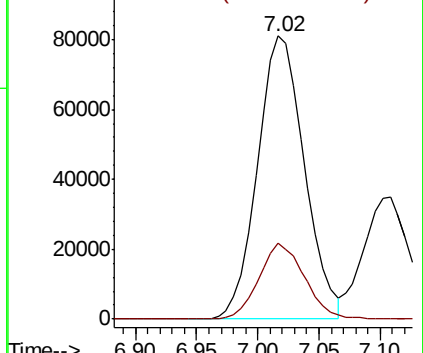
43 100

72 27.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 47.304 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001790.D

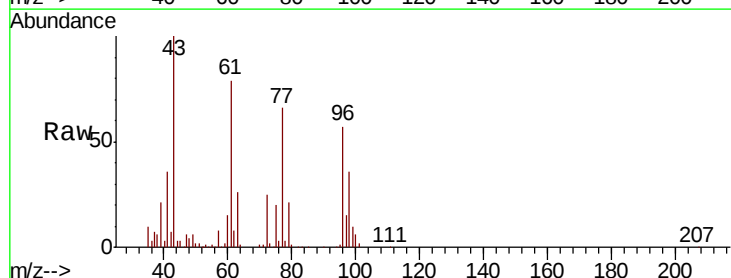
Acq: 26 Feb 2020 18:20

Tgt Ion: 77 Resp: 148903

Ion Ratio Lower Upper

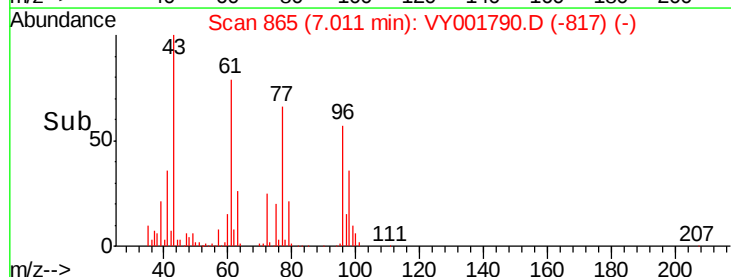
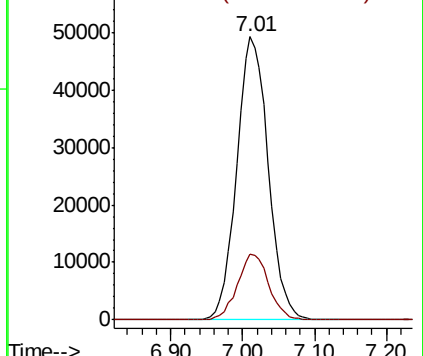
77 100

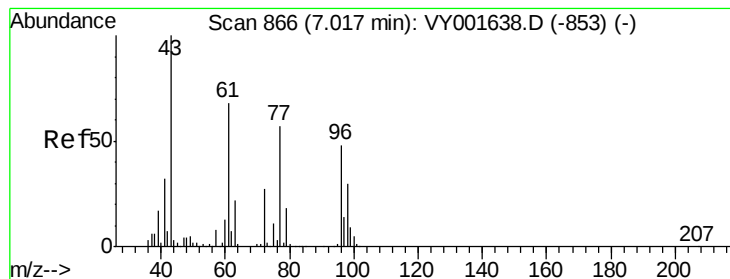
97 23.2 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



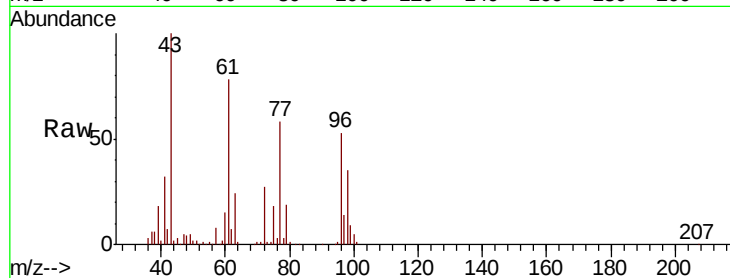


#27

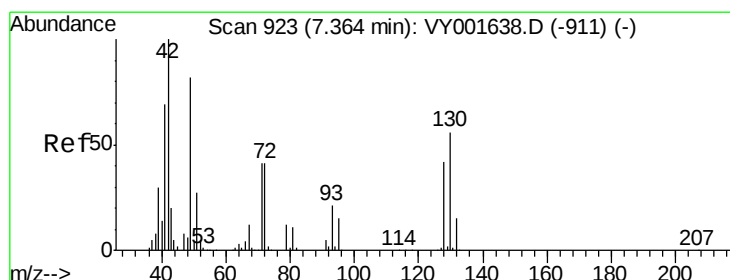
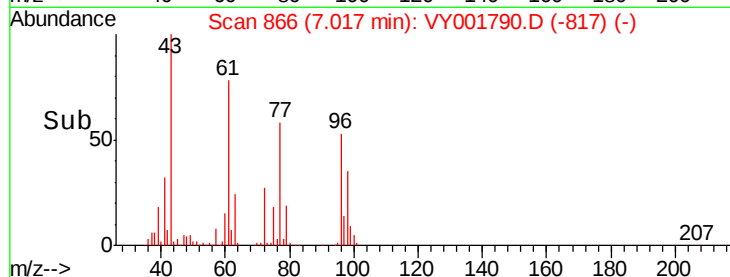
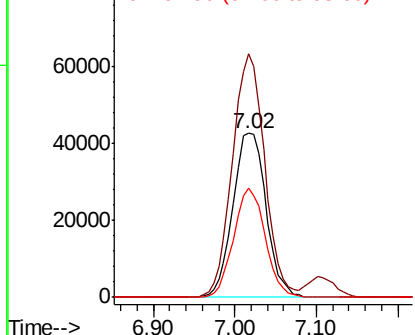
cis-1,2-Dichloroethene
Concen: 51.543 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	290.8
98	63.3	0.0	128.6



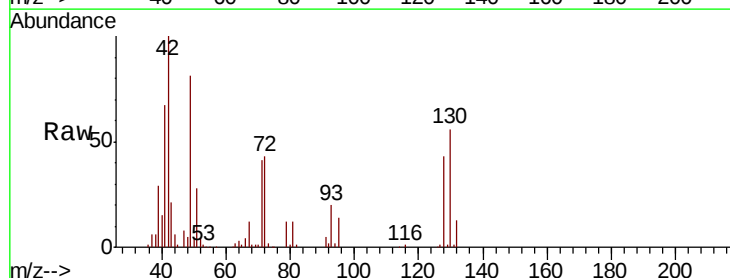
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



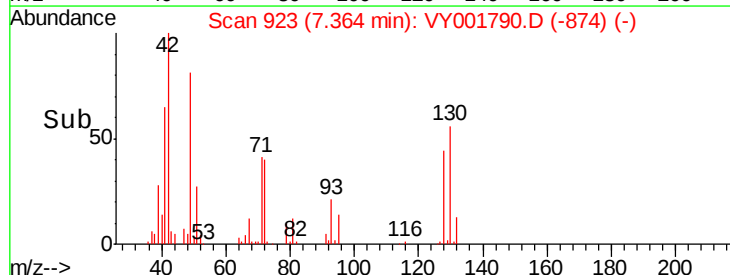
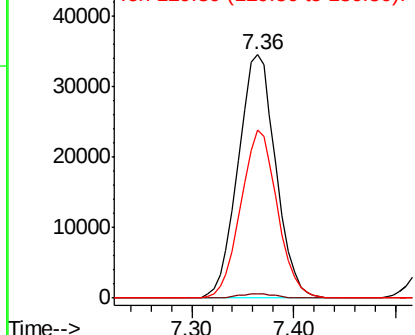
#28

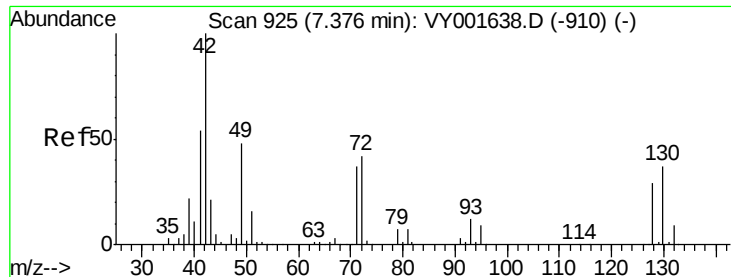
Bromochloromethane
Concen: 58.801 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	67.0	56.2	84.4



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

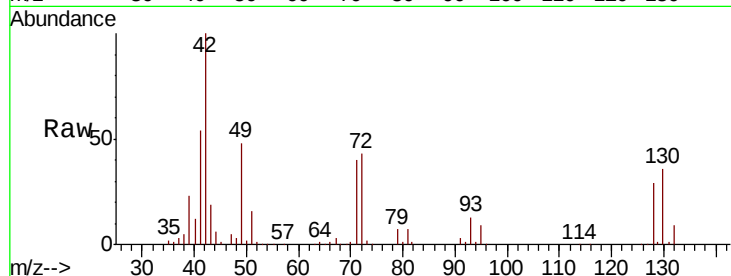




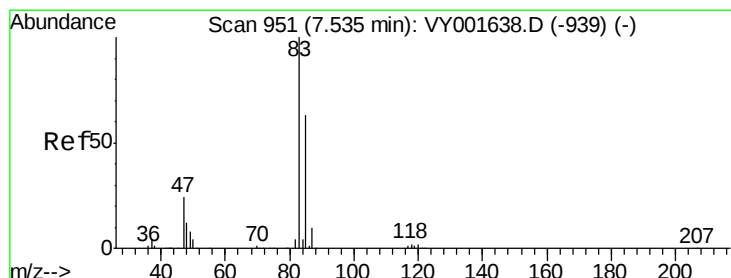
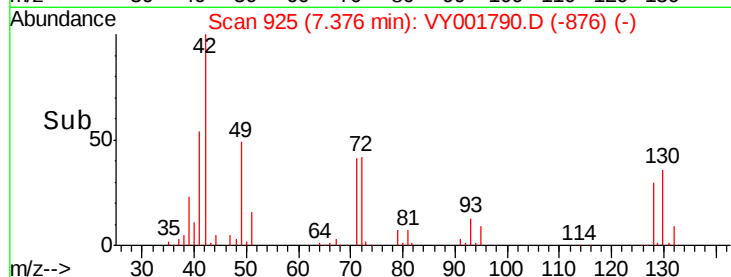
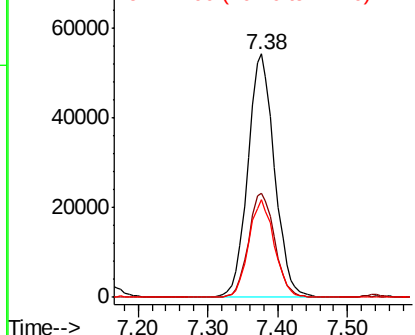
#29
Tetrahydrofuran
Concen: 275.111 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.4	51.6
71	38.5	31.8	47.8

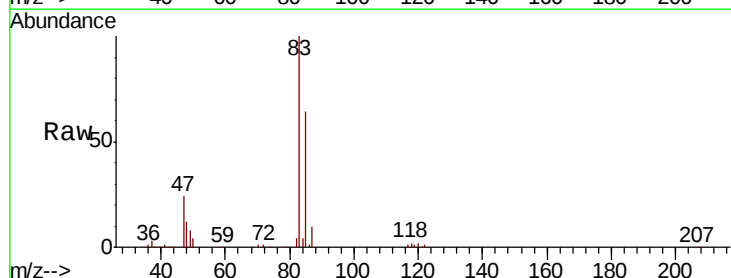


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

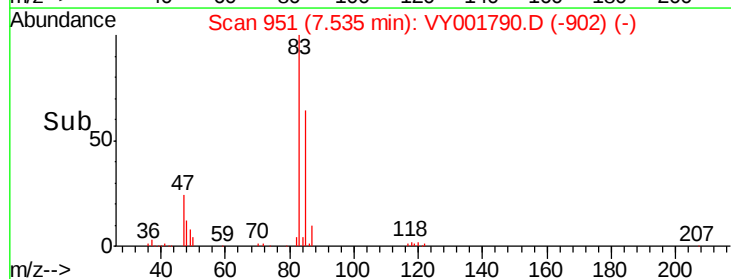
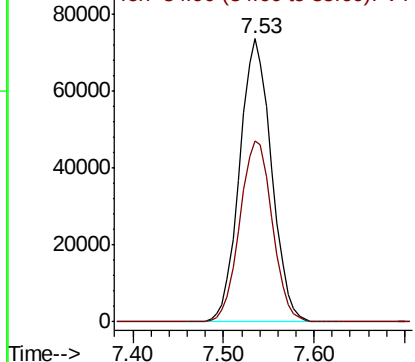


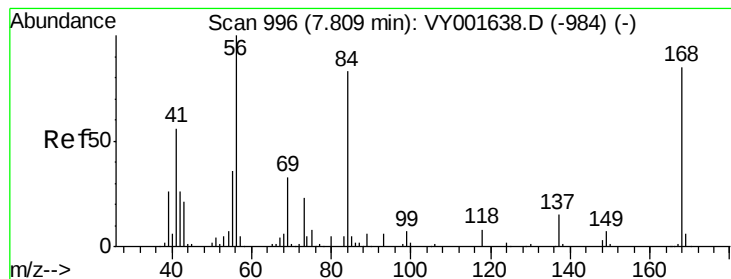
#30
Chloroform
Concen: 50.646 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4



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





#31

Cyclohexane

Concen: 47.656 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

ClientSampled :

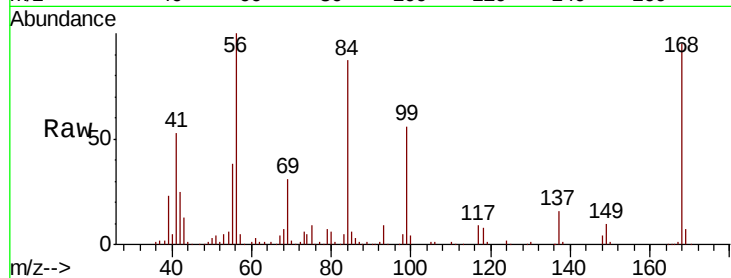
Tot Ion: 56 Resp: 183838

Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

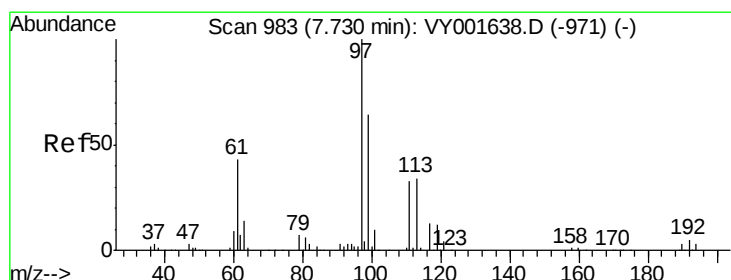
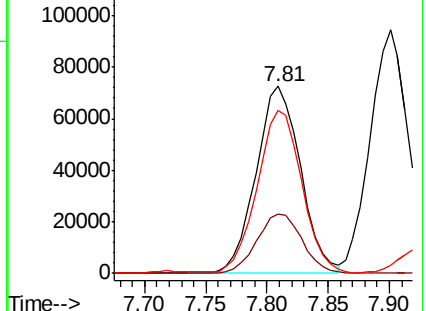
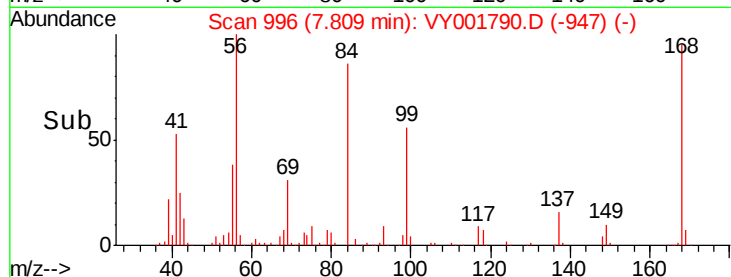
84 85.7 66.9 100.3



Abundance Ion 56.00 (55.70 to 56.70): VY001790.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY001790.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY001790.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 50.575 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

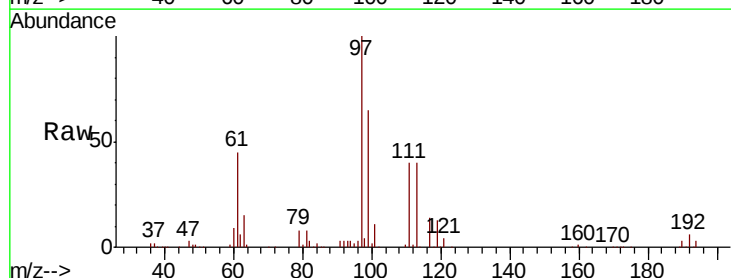
Tgt Ion: 97 Resp: 150270

Ion Ratio Lower Upper

97 100

99 63.5 51.2 76.8

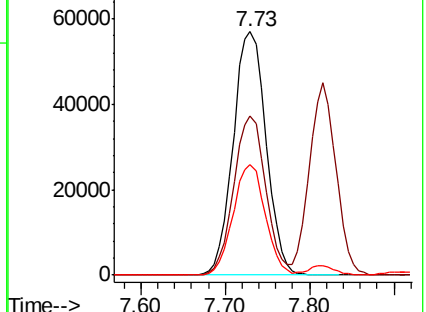
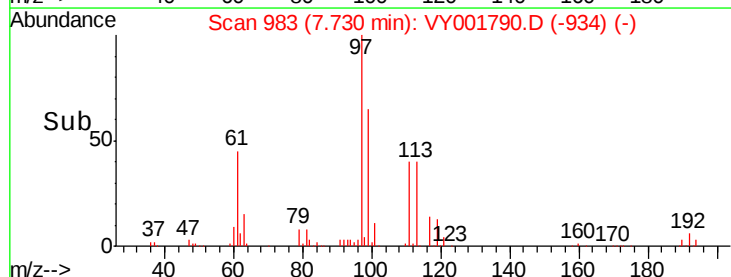
61 44.4 35.0 52.6

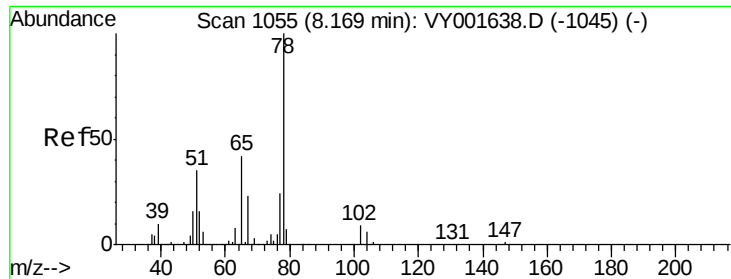


Abundance Ion 96.90 (96.60 to 97.60): VY001790.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY001790.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY001790.D (-934) (-)

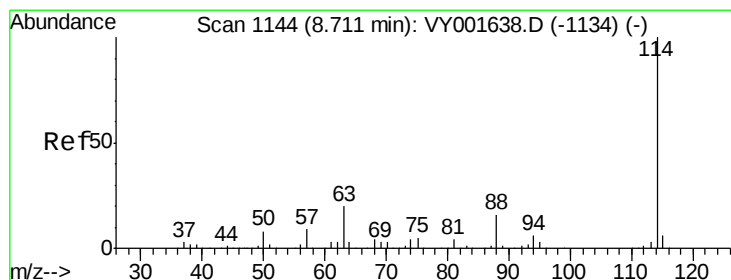
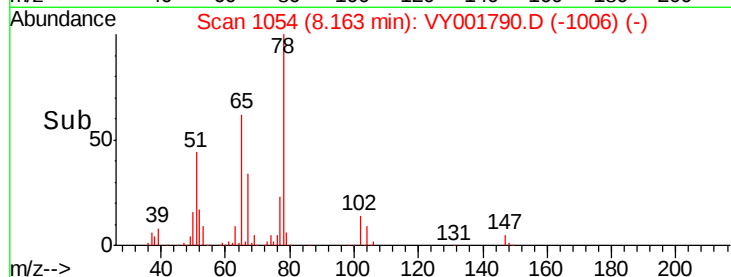
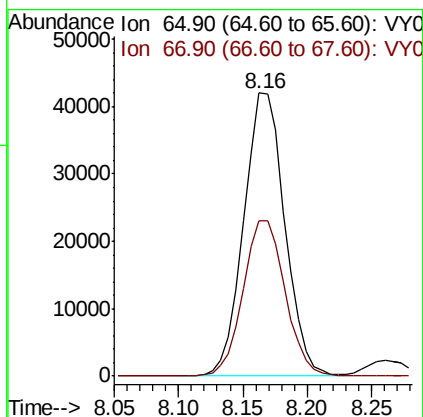
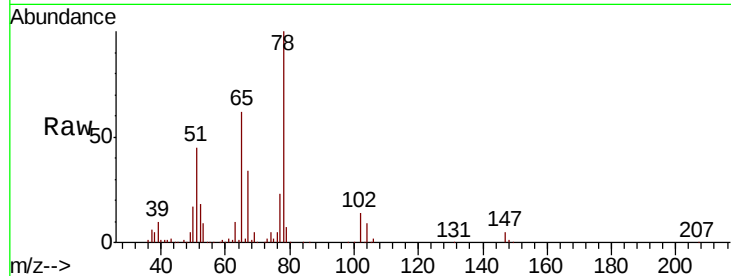




#33
 1,2-Dichloroethane-d4
 Concen: 50.383 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

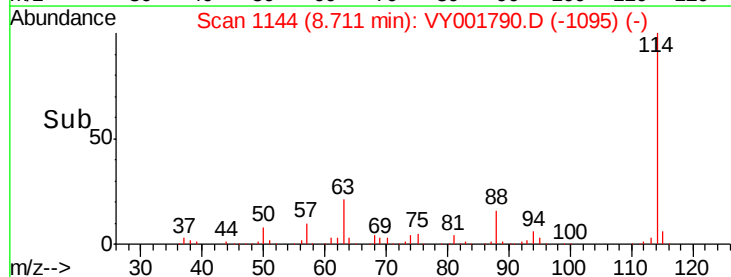
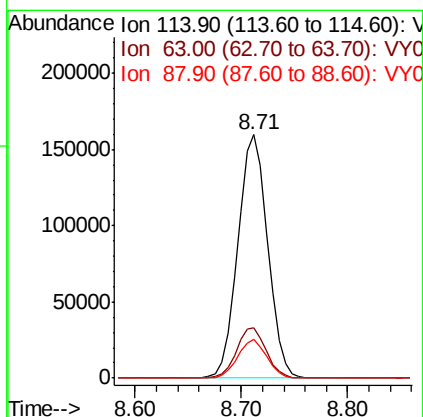
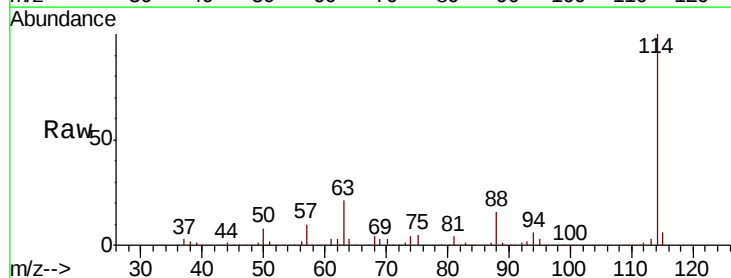
Instrument :
 MSVOA_Y
 ClientSampleId :

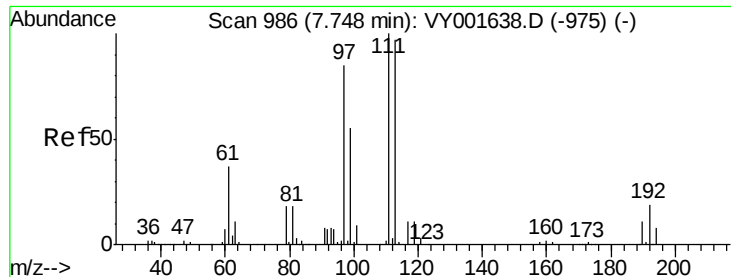
Tot Ion: 65 Resp: 92512
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion: 114 Resp: 314153
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 16.2 0.0 32.8

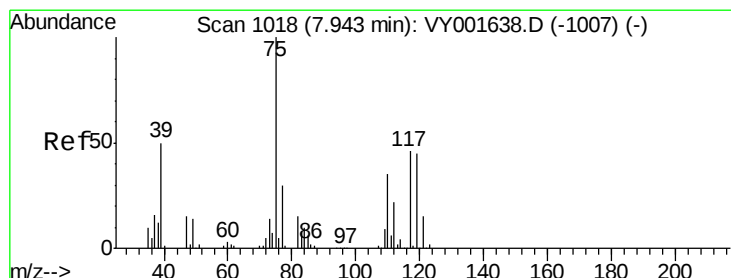
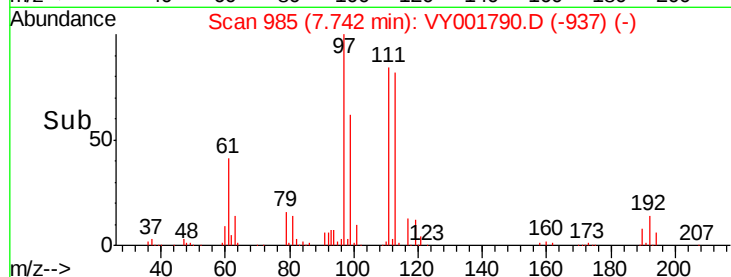
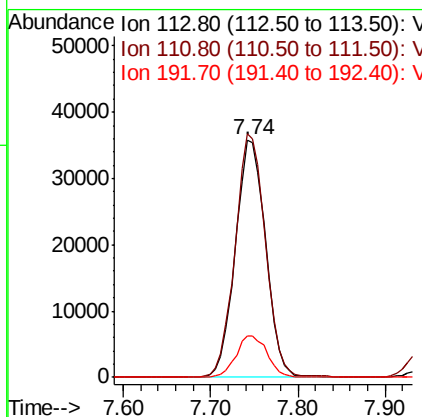
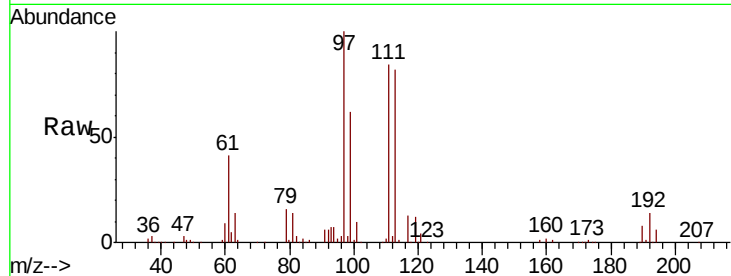




#35
 Dibromofluoromethane
 Concen: 47.958 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

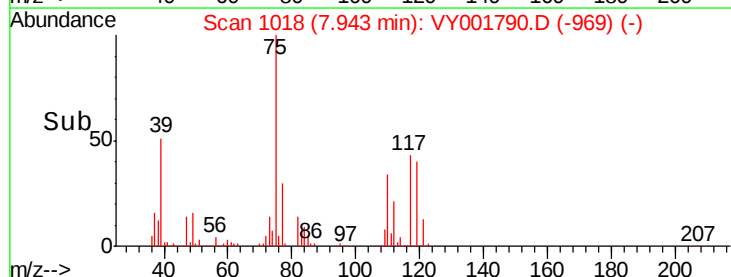
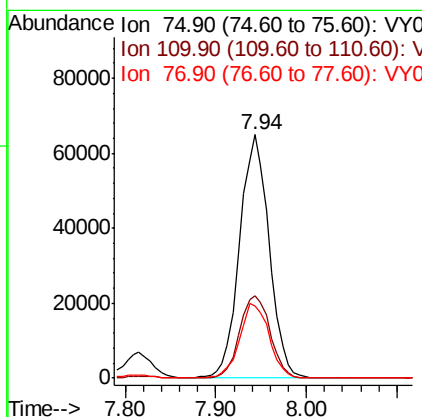
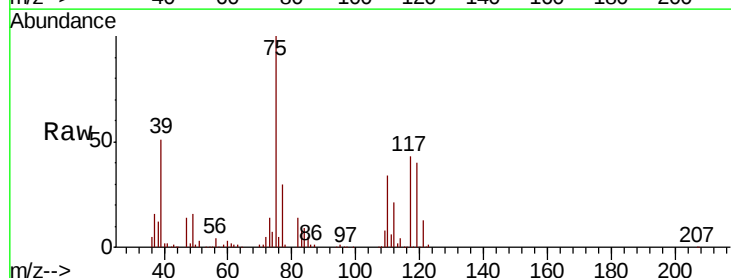
Instrument :
 MSVOA_Y
 ClientSampleId :

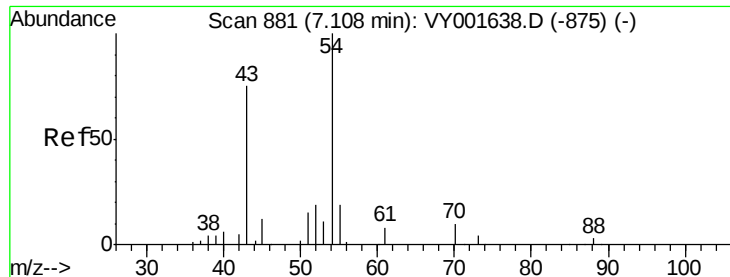
Tot Ion:113 Resp: 86292
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 17.9 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 48.824 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion: 75 Resp: 146509
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.2 51.6
 77 30.8 24.8 37.2

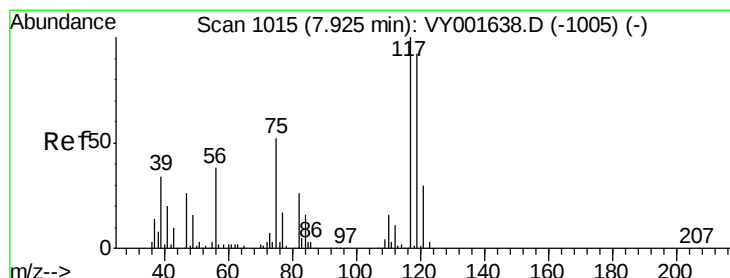
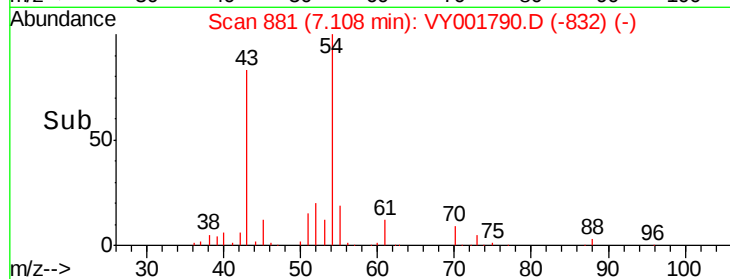
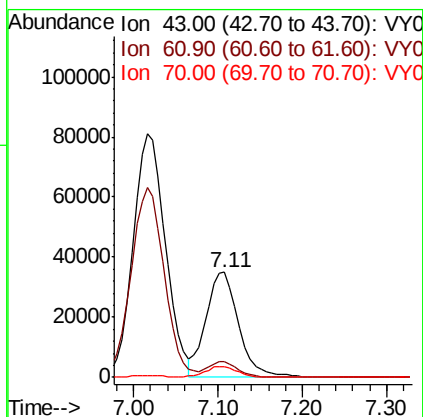
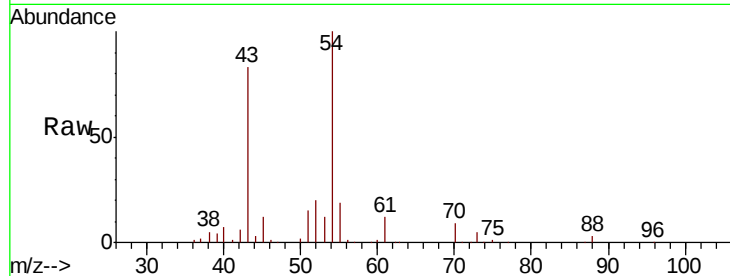




#37
Ethyl Acetate
Concen: 52.549 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

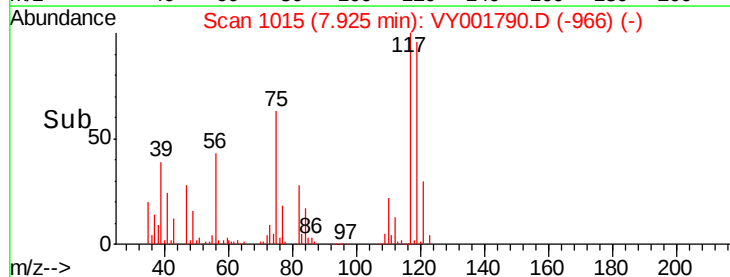
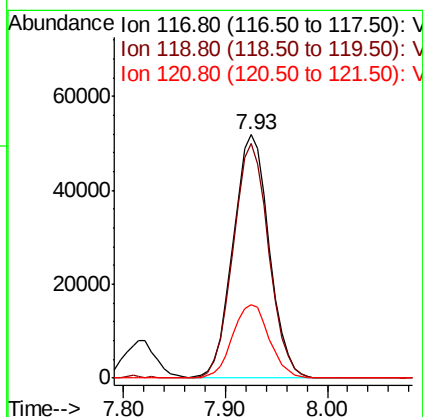
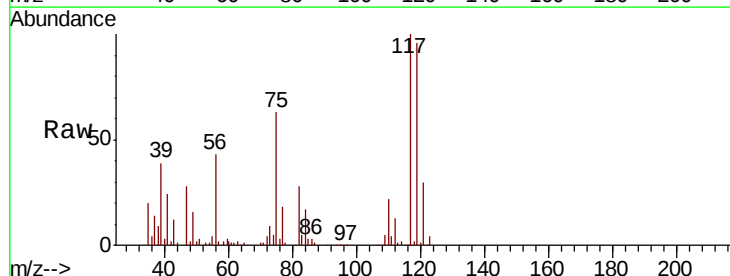
Instrument :
MSVOA_Y
ClientSampled :

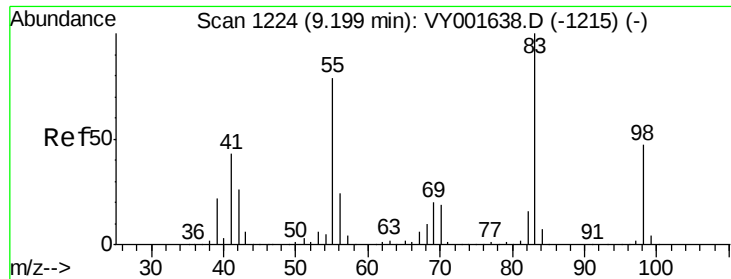
Tot Ion: 43 Resp: 94116
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.6
70 10.3 8.8 13.2



#38
Carbon Tetrachloride
Concen: 48.246 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 117 Resp: 127164
Ion Ratio Lower Upper
117 100
119 96.5 74.8 112.2
121 30.2 23.8 35.6

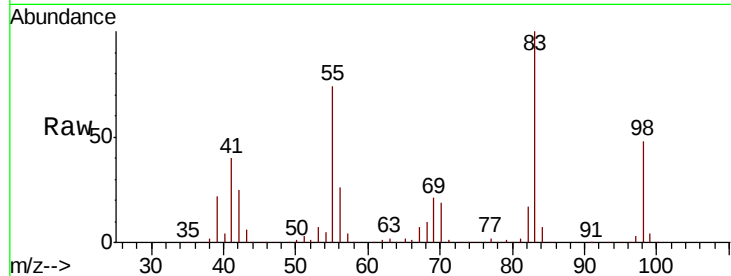




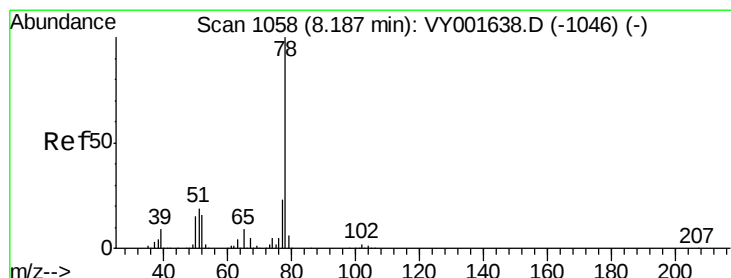
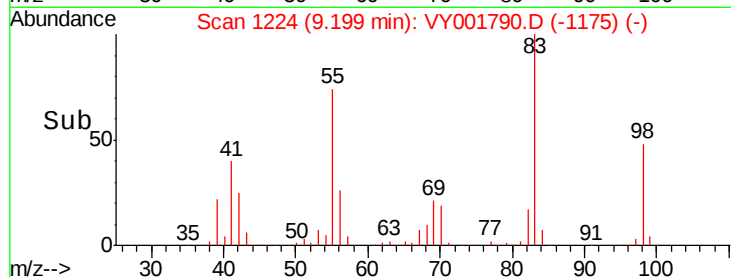
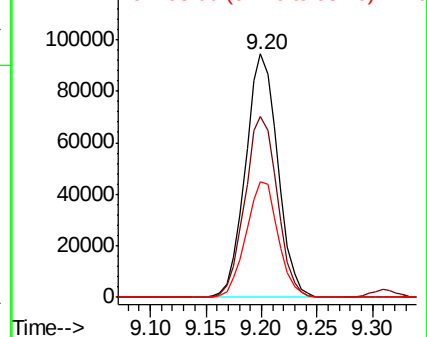
#39
Methvlcvclohexane
Concen: 47.720 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 189976
Ion Ratio Lower Upper
83 100
55 74.3 61.3 91.9
98 47.6 38.0 57.0

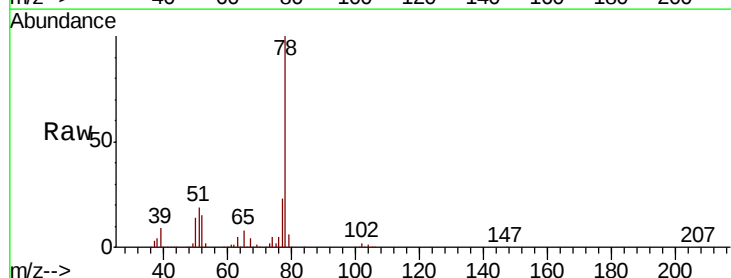


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

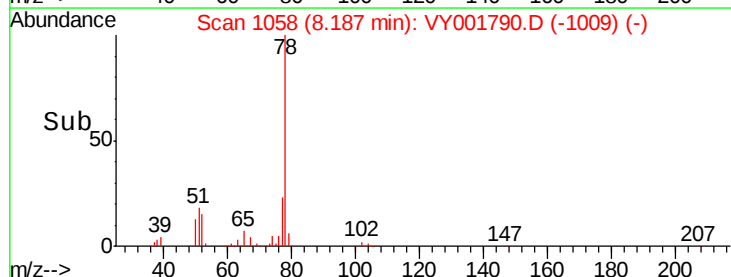
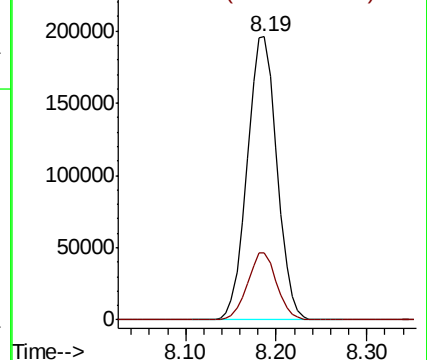


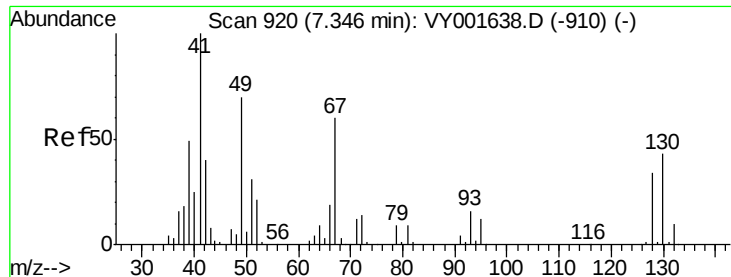
#40
Benzene
Concen: 50.418 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 78 Resp: 444963
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.4



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

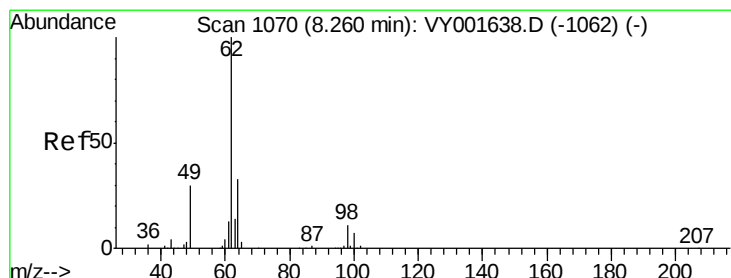
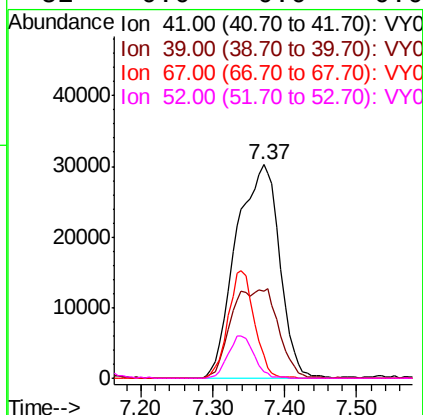
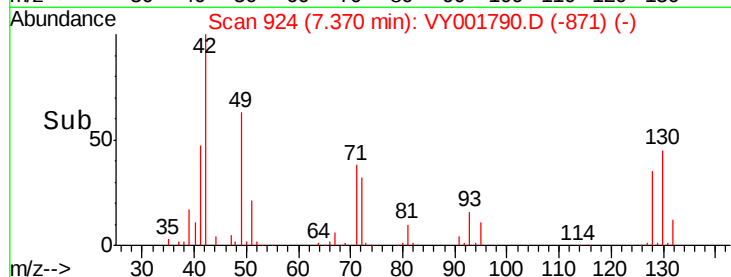
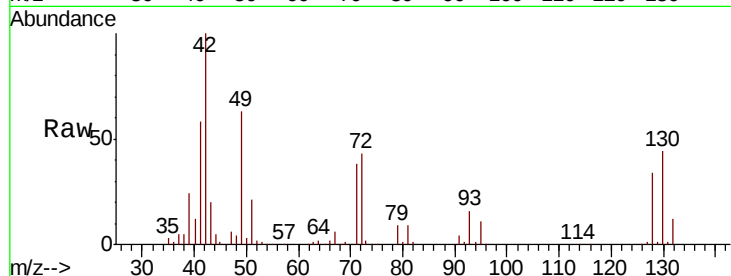




#41
Methacrylonitrile
Concen: 141.375 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

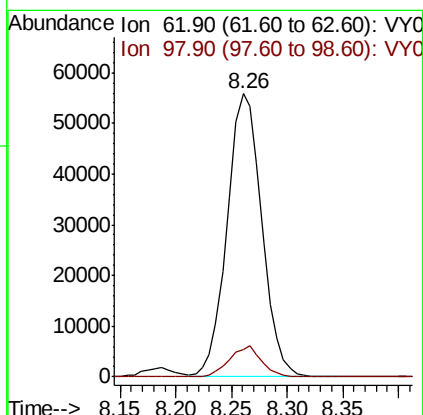
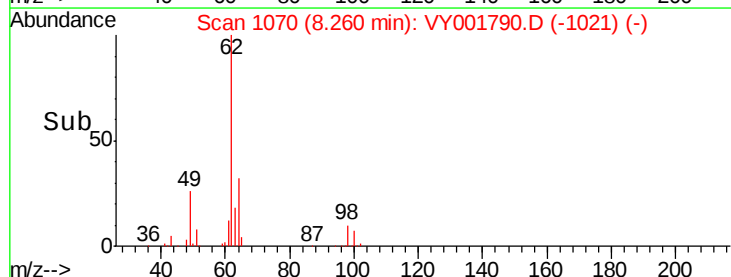
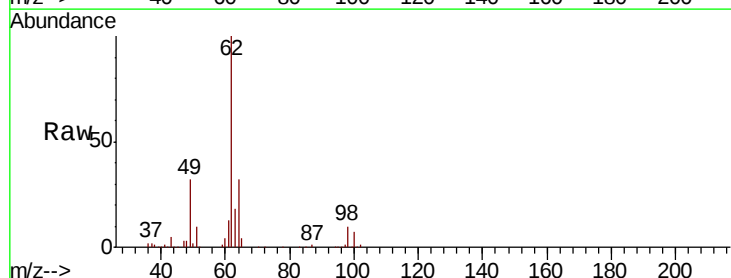
Instrument :
MSVOA_Y
ClientSampleId :

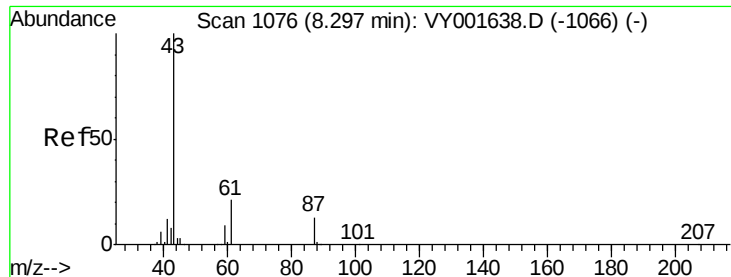
Tot Ion: 41 Resp: 127136
Ion Ratio Lower Upper
41 100
39 0.0 36.0 54.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.099 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 62 Resp: 120453
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.8

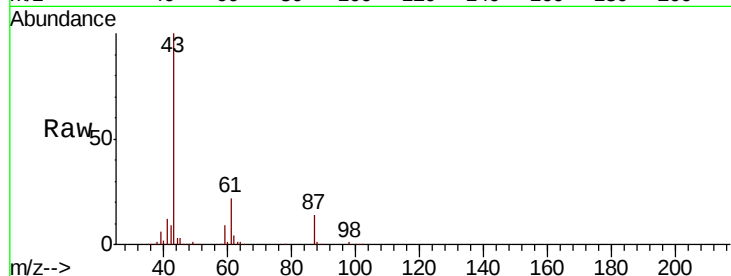




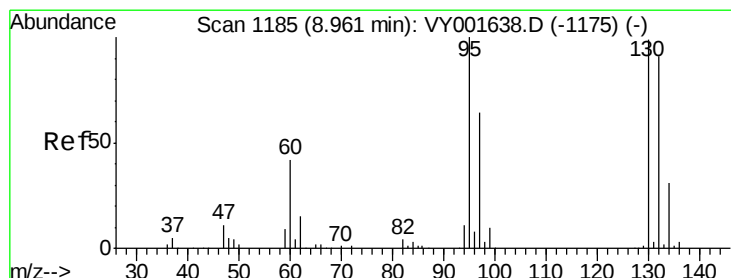
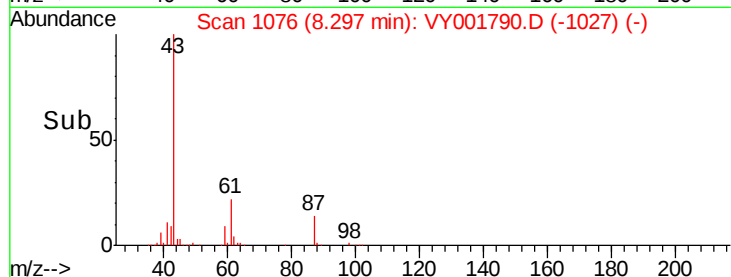
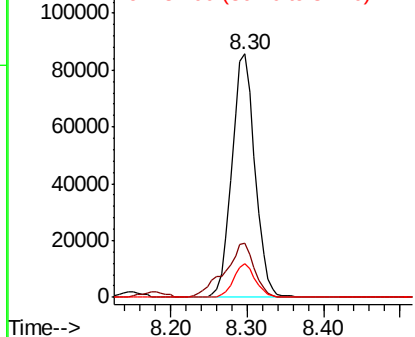
#43
Isopropyl Acetate
Concen: 52.600 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 178745
Ion Ratio Lower Upper
43 100
61 28.5 23.0 34.4
87 13.1 10.7 16.1

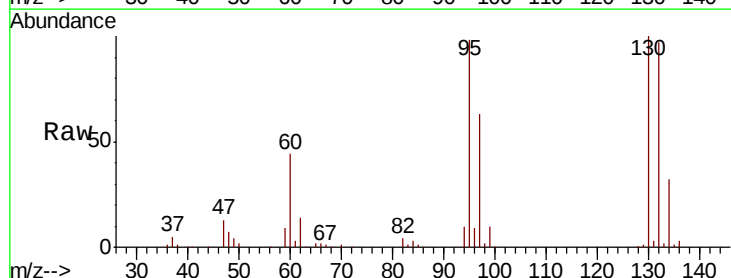


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

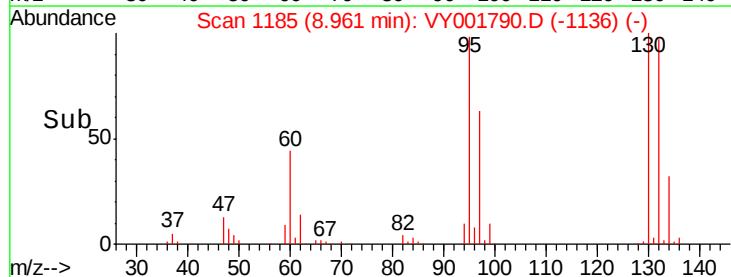
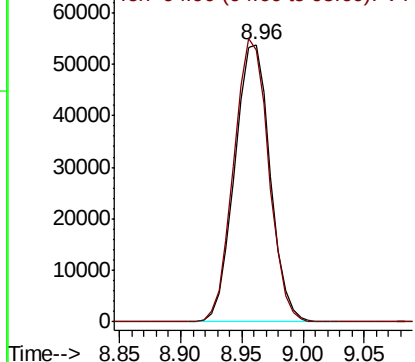


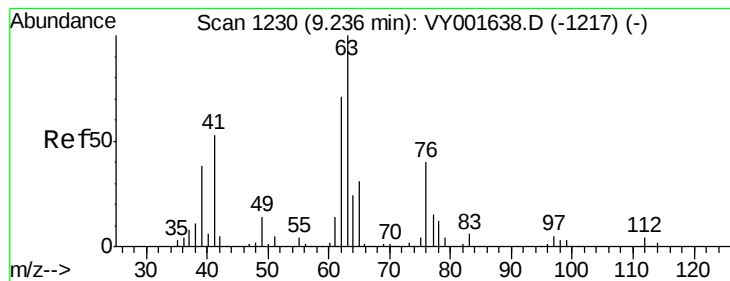
#44
Trichloroethene
Concen: 48.900 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:130 Resp: 107732
Ion Ratio Lower Upper
130 100
95 98.2 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 52.393 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

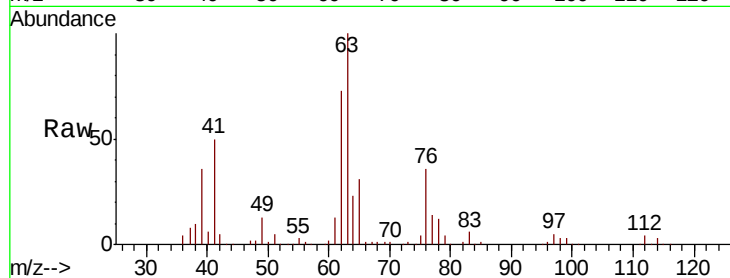
ClientSampleId :

Tot Ion: 63 Resp: 115801

Ion Ratio Lower Upper

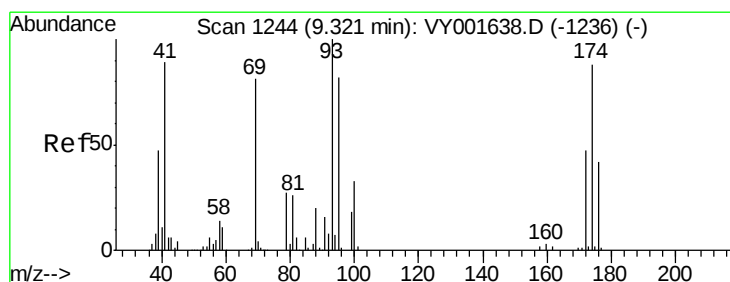
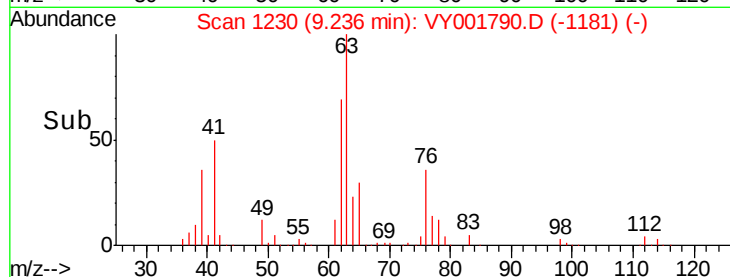
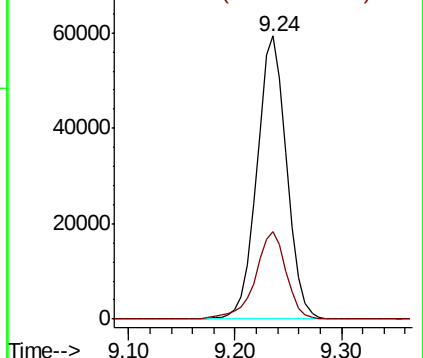
63 100

65 30.7 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 51.638 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

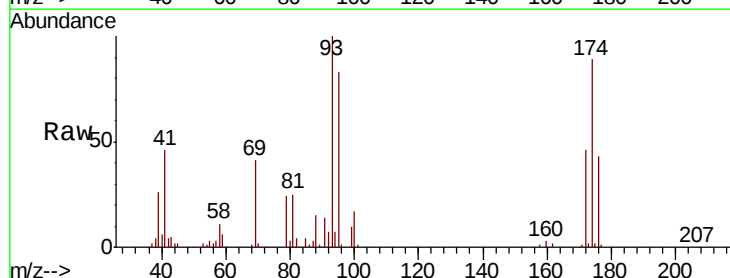
Tgt Ion: 93 Resp: 59696

Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

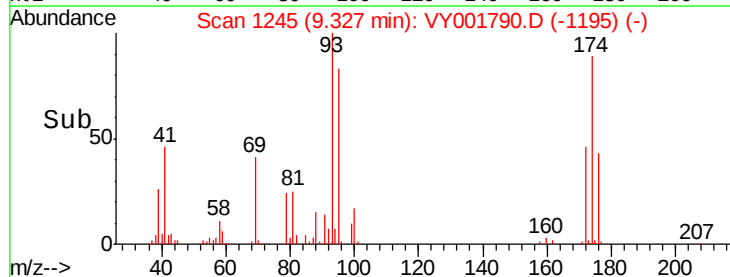
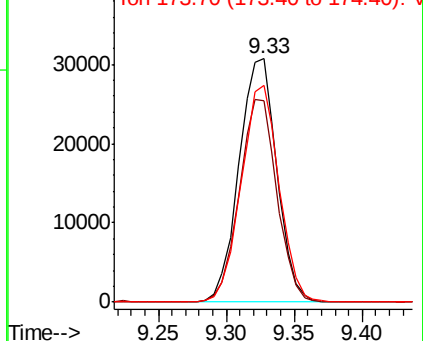
174 89.0 72.5 108.7

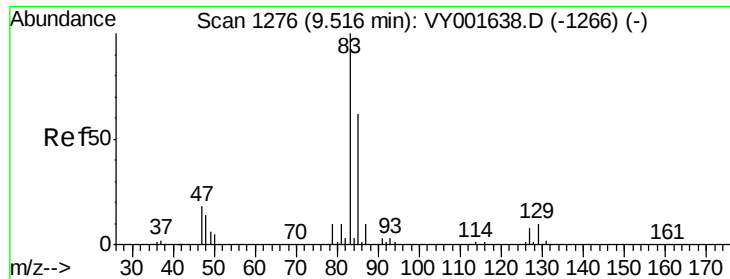


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

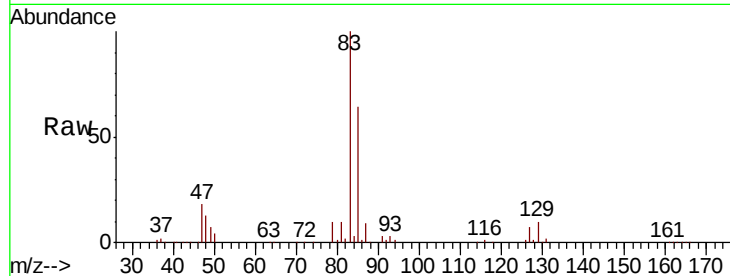




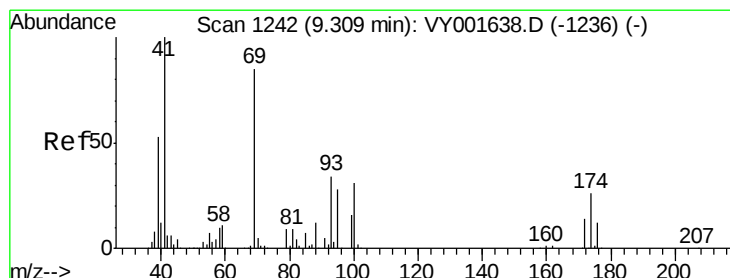
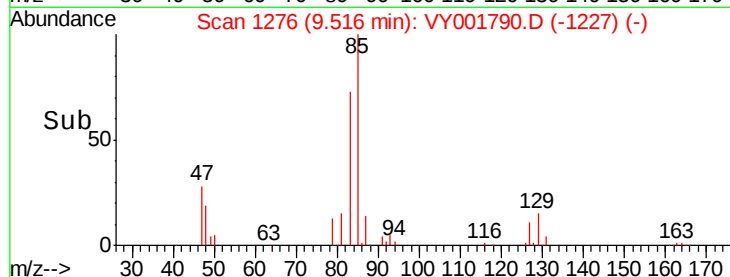
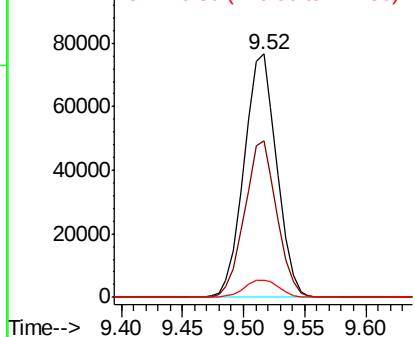
#47
Bromodichloromethane
Concen: 50.936 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 142115
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.0
127 7.1 6.4 9.6

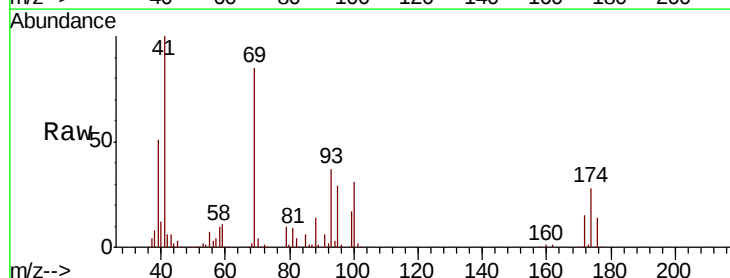


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

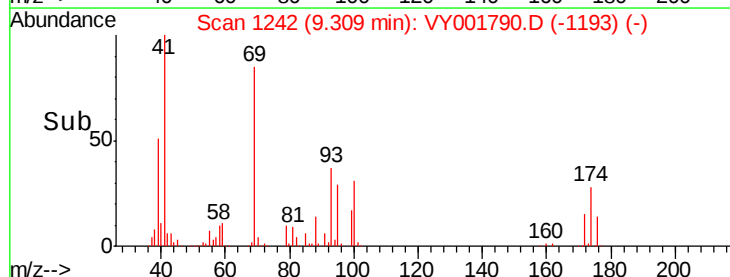
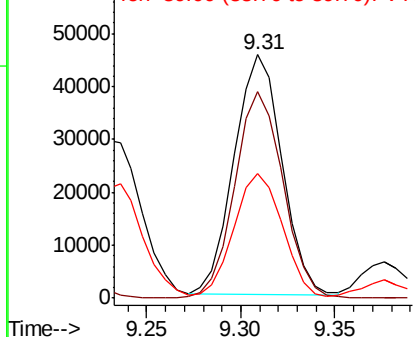


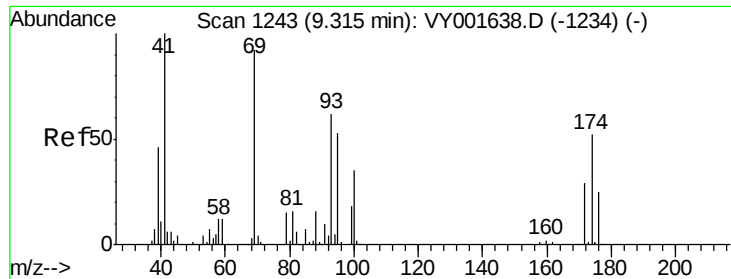
#48
Methyl methacrylate
Concen: 52.069 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 41 Resp: 80024
Ion Ratio Lower Upper
41 100
69 86.9 70.7 106.1
39 50.9 42.2 63.2



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

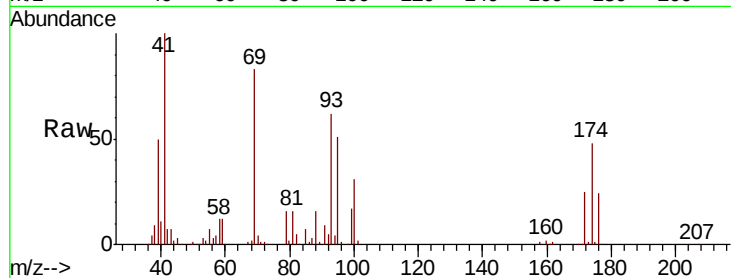




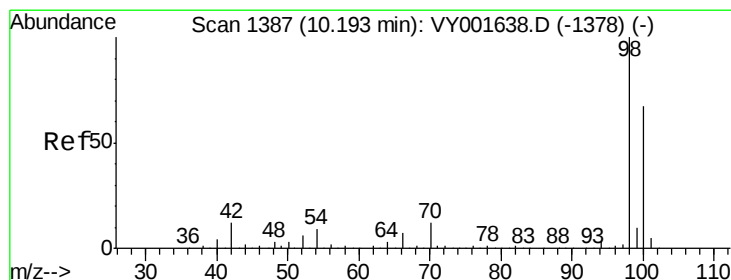
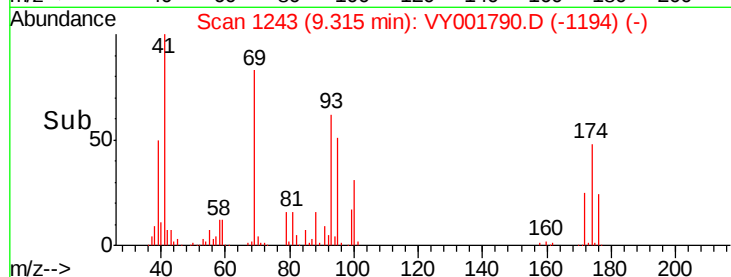
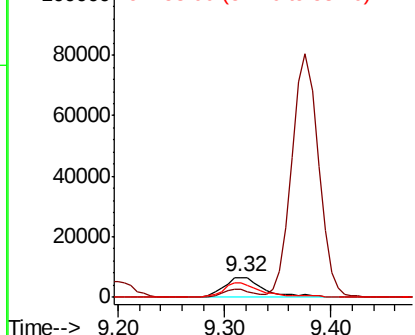
#49
1,4-Dioxane
Concen: 1042.329 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 17019
Ion Ratio Lower Upper
88 100
43 30.6 23.1 34.7
58 74.0 58.1 87.1

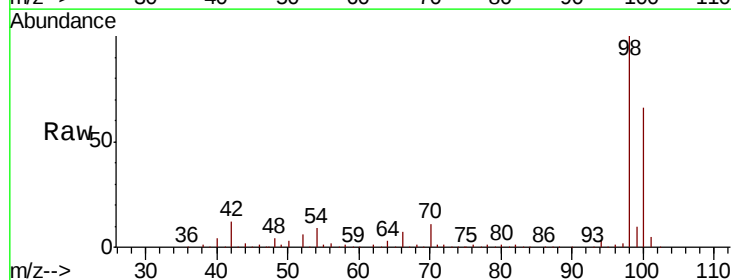


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

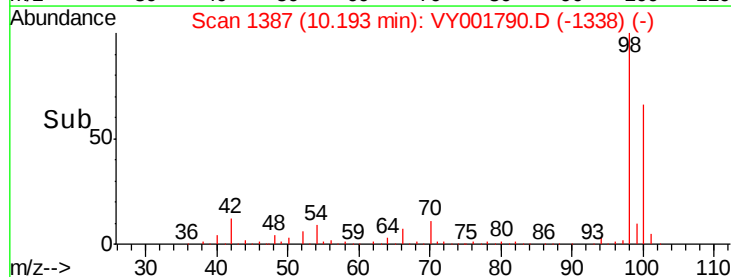
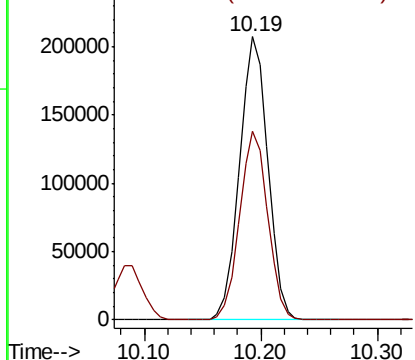


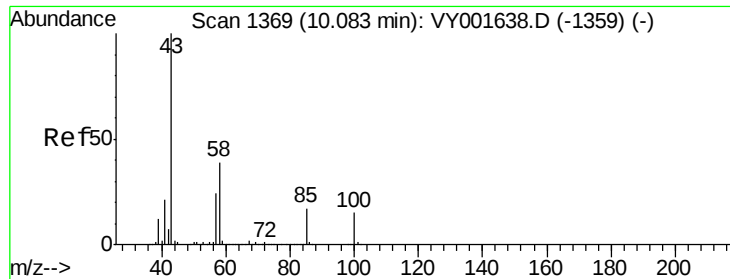
#50
Toluene-d8
Concen: 49.944 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 98 Resp: 352065
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



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

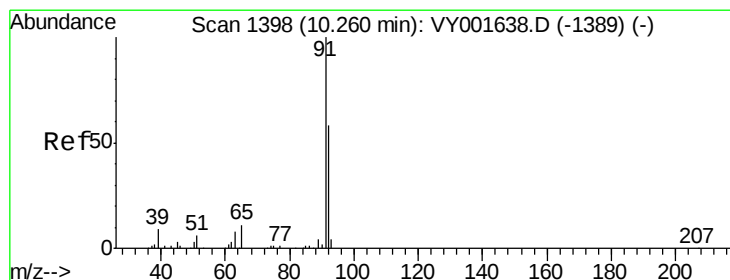
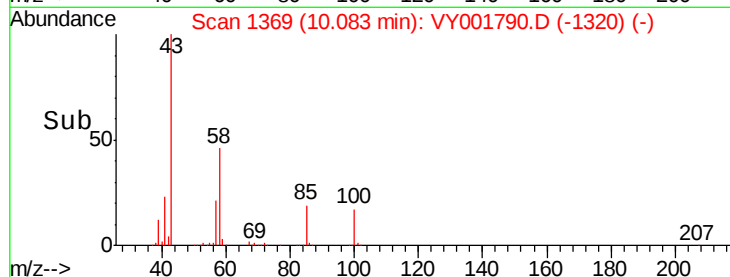
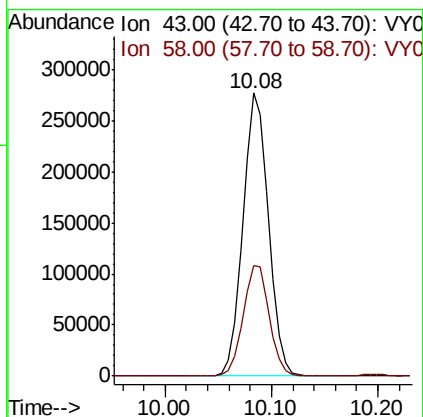
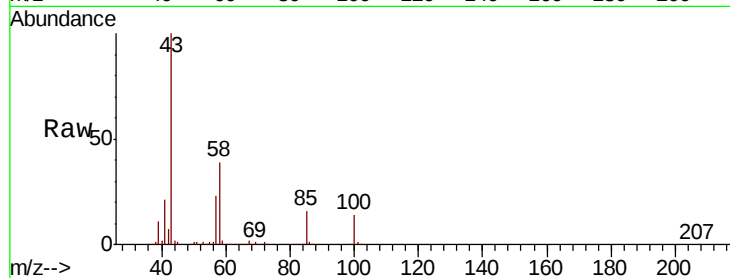




#51
4-Methyl-2-Pentanone
Concen: 267.202 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

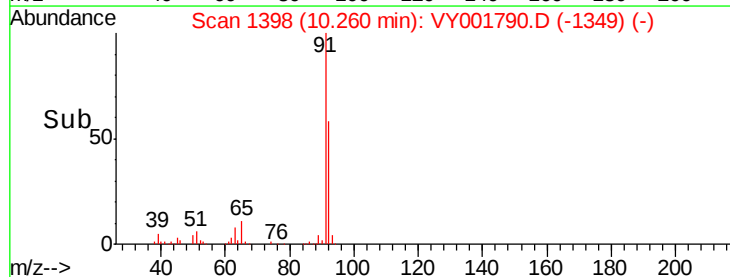
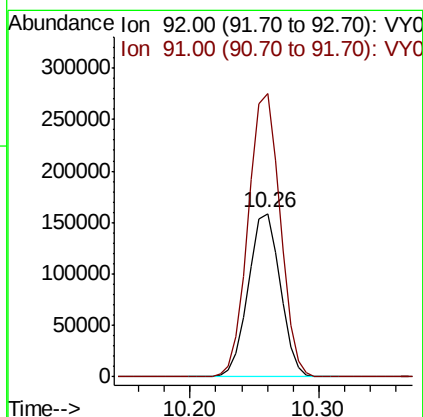
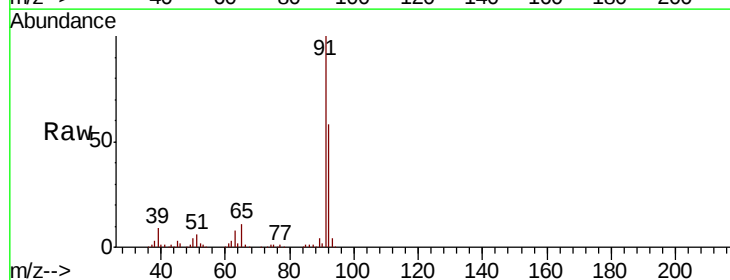
Instrument :
MSVOA_Y
ClientSampled :

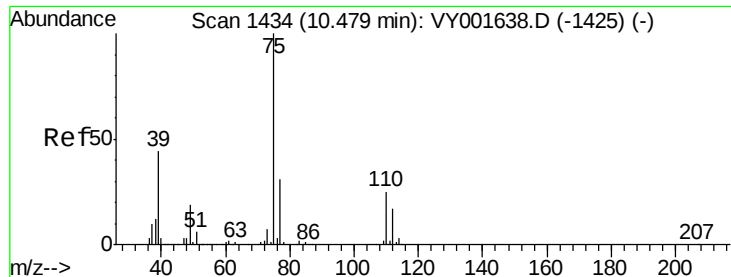
Tot Ion: 43 Resp: 466524
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.4



#52
Toluene
Concen: 49.245 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 92 Resp: 271098
Ion Ratio Lower Upper
92 100
91 173.8 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 50.752 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

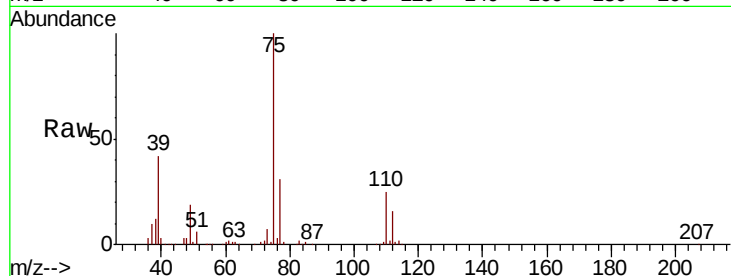
ClientSampled :

Tot Ion: 75 Resp: 156540

Ion Ratio Lower Upper

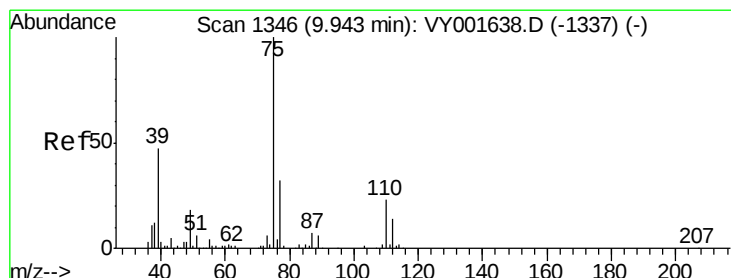
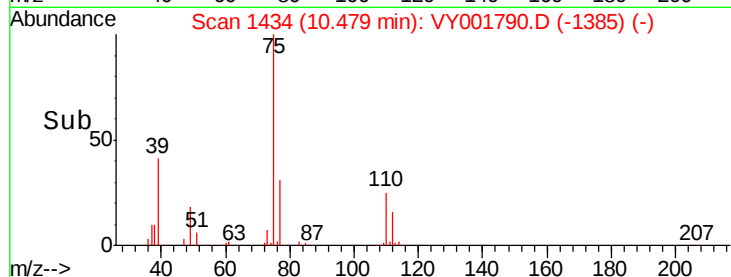
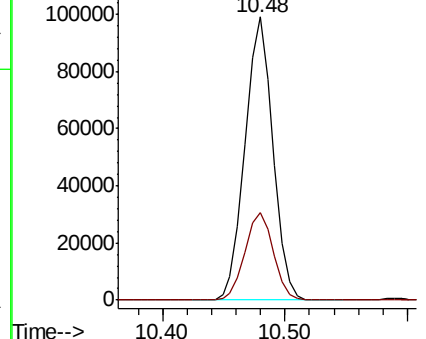
75 100

77 31.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 50.727 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

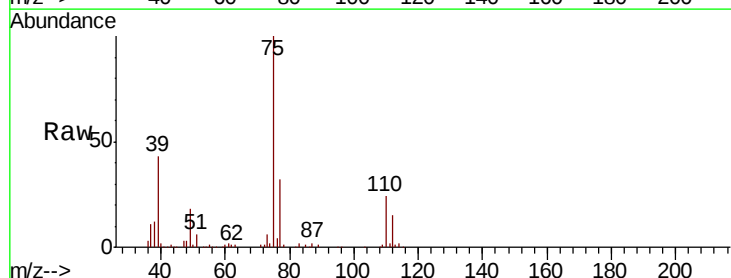
Tgt Ion: 75 Resp: 180081

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

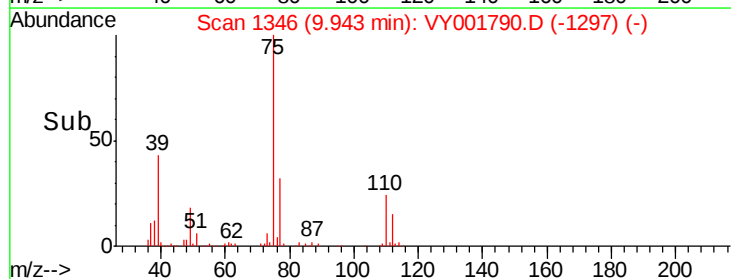
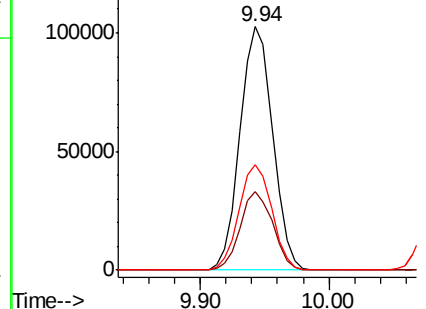
39 43.2 35.7 53.5

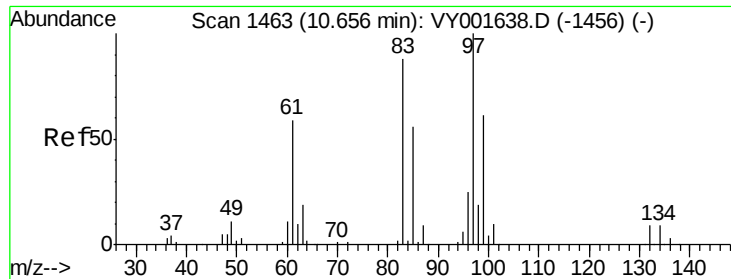


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

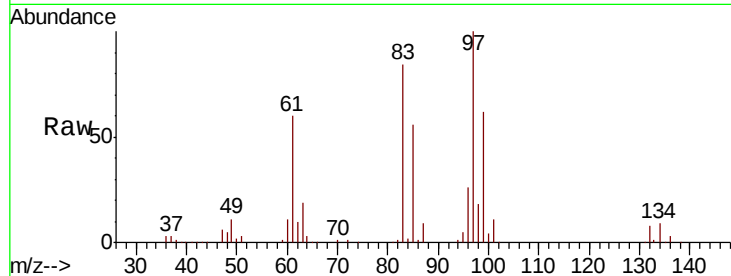




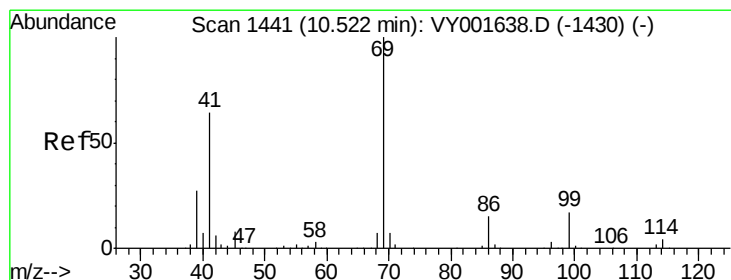
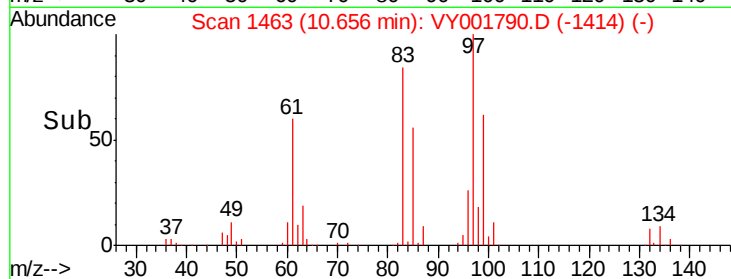
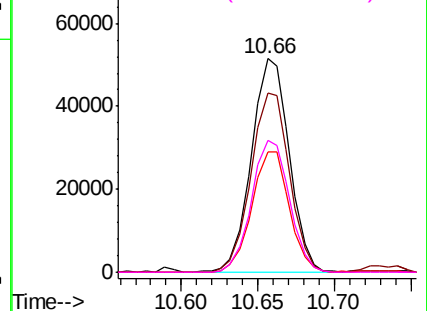
#55
 1,1,2-Trichloroethane
 Concen: 52.064 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 88749
 Ion Ratio Lower Upper
 97 100
 83 84.2 69.7 104.5
 85 56.4 44.5 66.7
 99 61.9 49.6 74.4

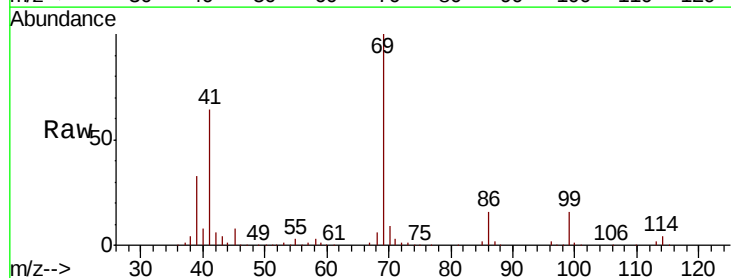


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

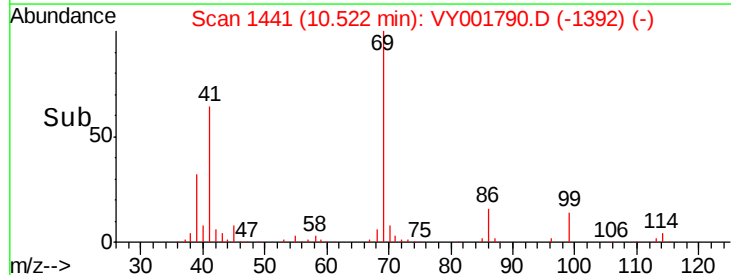
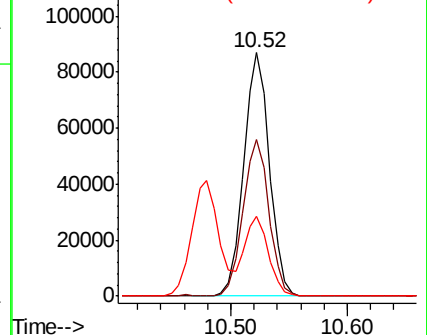


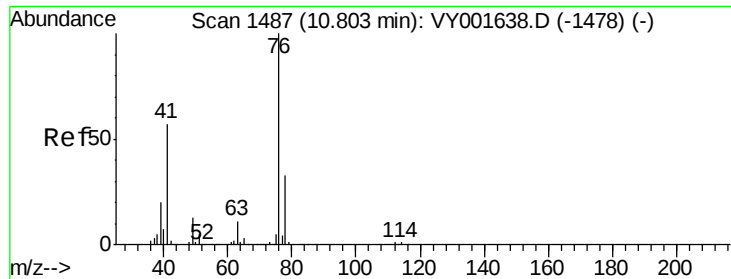
#56
 Ethyl methacrylate
 Concen: 52.244 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion: 69 Resp: 133601
 Ion Ratio Lower Upper
 69 100
 41 65.1 51.0 76.4
 39 29.9 24.7 37.1



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

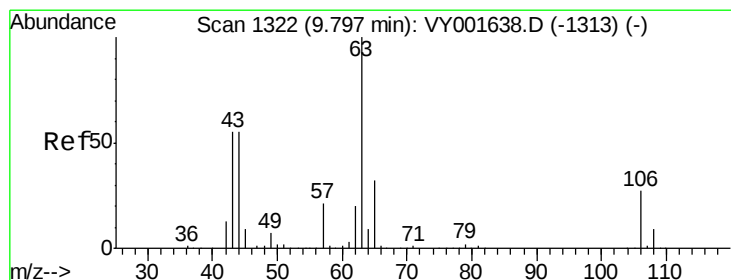
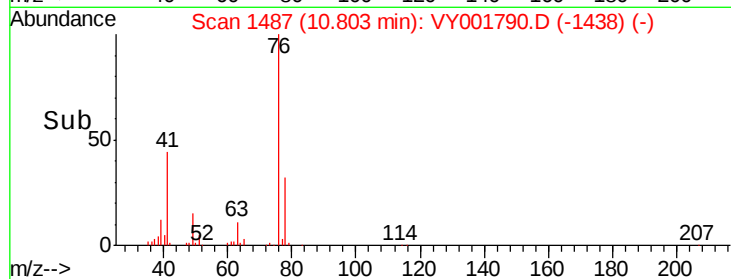
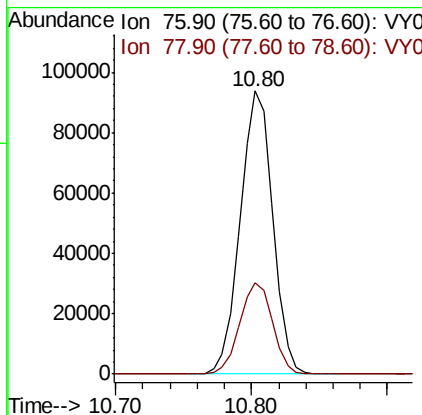
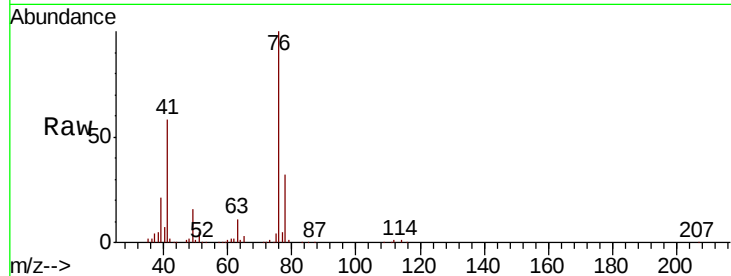




#57
 1,3-Dichloropropane
 Concen: 51.640 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

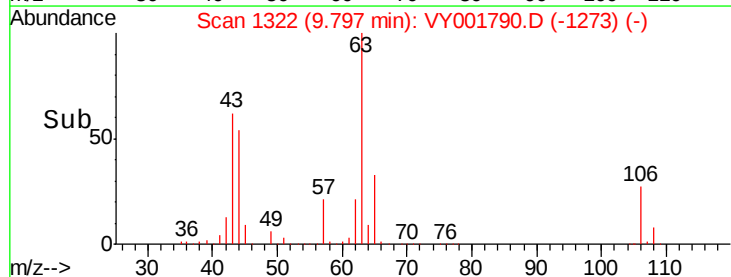
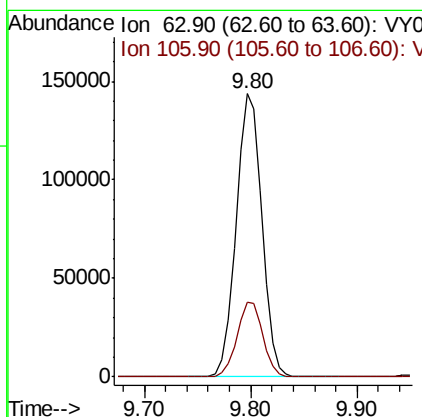
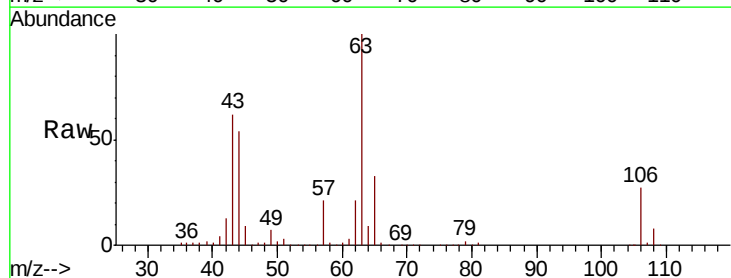
Instrument :
 MSVOA_Y
 ClientSampled :

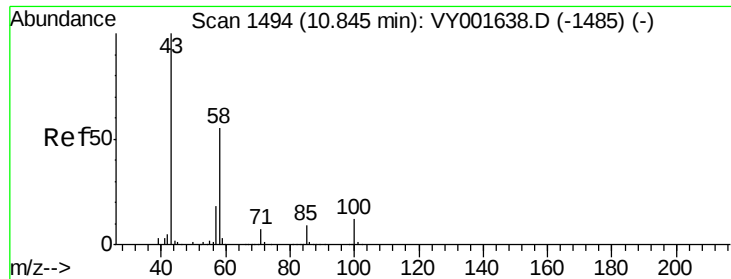
Tot Ion: 76 Resp: 156408
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.828 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion: 63 Resp: 243830
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.6 32.4

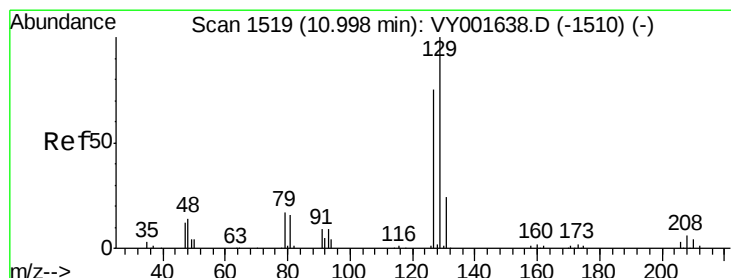
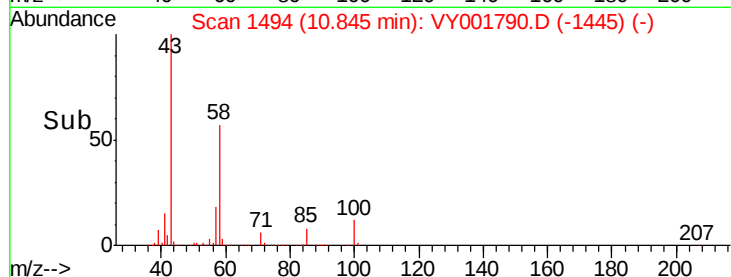
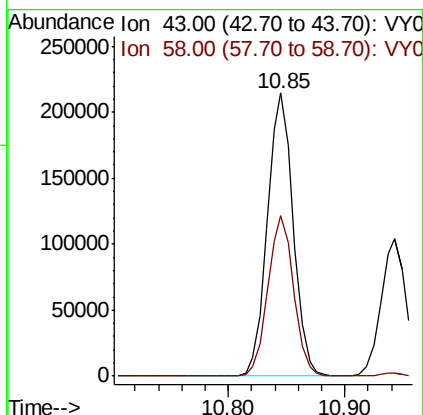
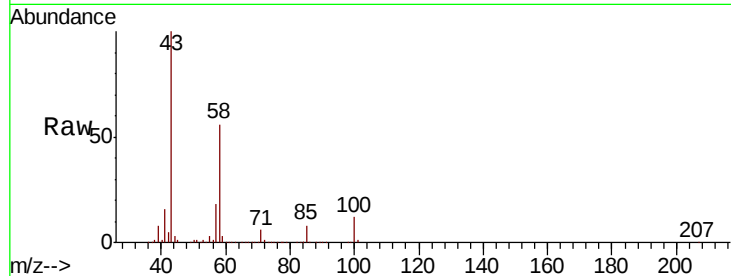




#59
2-Hexanone
Concen: 252.846 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

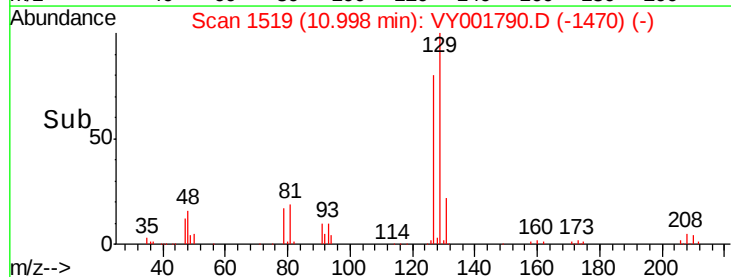
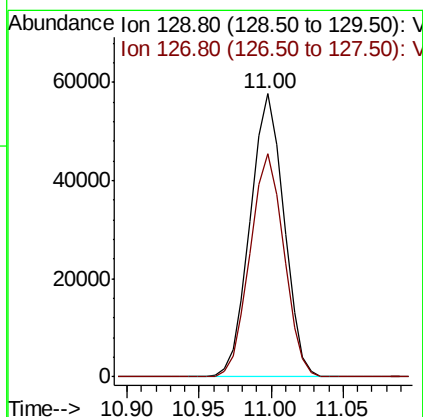
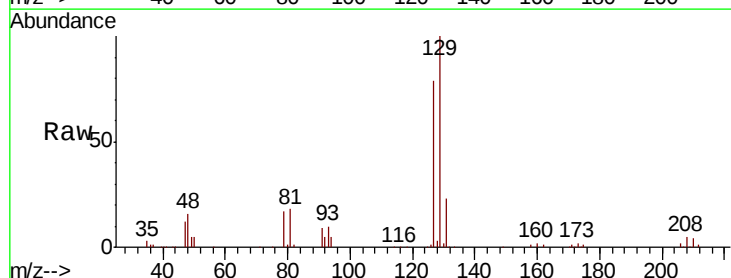
Instrument :
MSVOA_Y
ClientSampled :

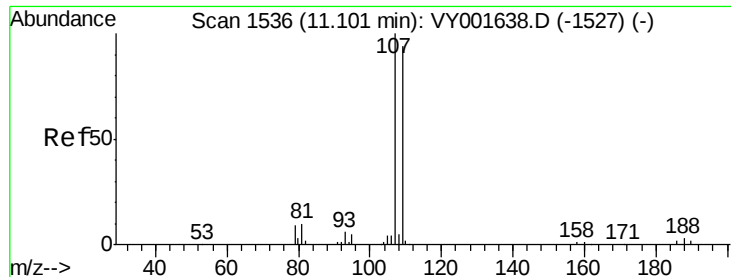
Tot Ion: 43 Resp: 331234
Ion Ratio Lower Upper
43 100
58 56.4 28.4 85.2



#60
Dibromochloromethane
Concen: 50.060 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 129 Resp: 94081
Ion Ratio Lower Upper
129 100
127 79.0 38.9 116.6

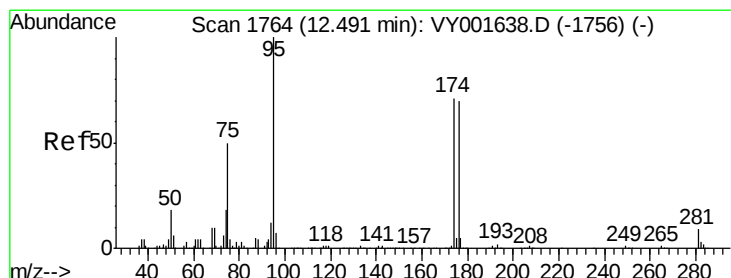
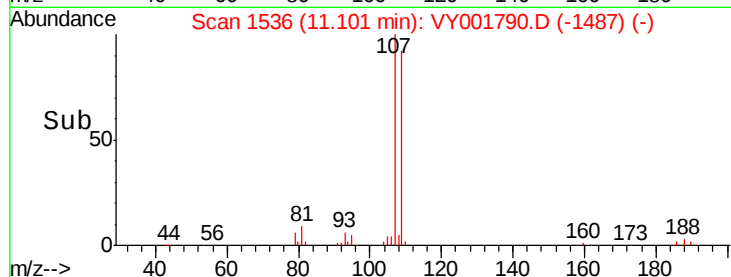
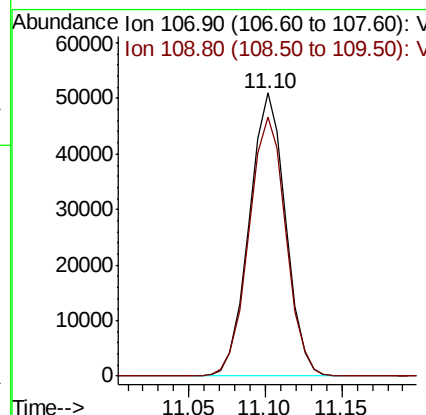
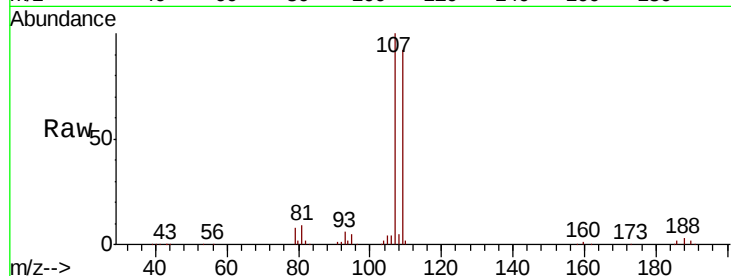




#61
 1,2-Dibromoethane
 Concen: 52.184 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

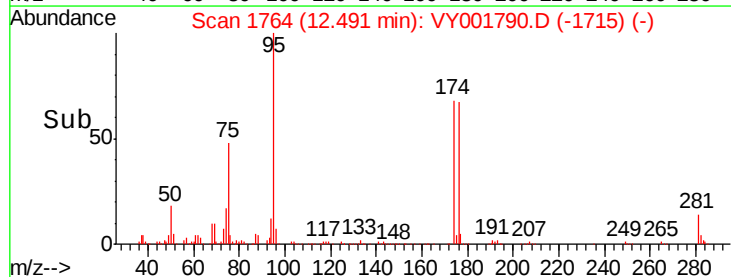
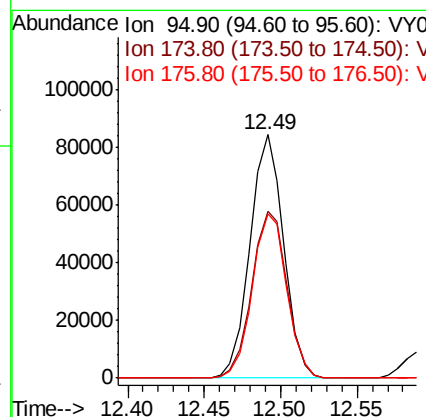
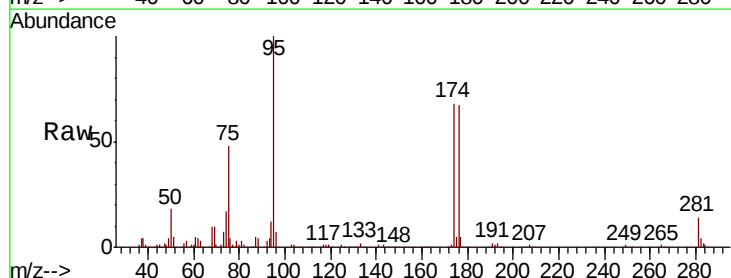
Instrument :
 MSVOA_Y
 ClientSampleId :

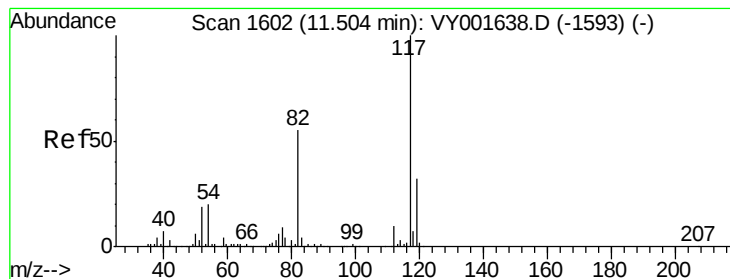
Tot Ion: 107 Resp: 84109
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 47.100 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion: 95 Resp: 128985
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 138.4
 176 69.2 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

ClientSampled :

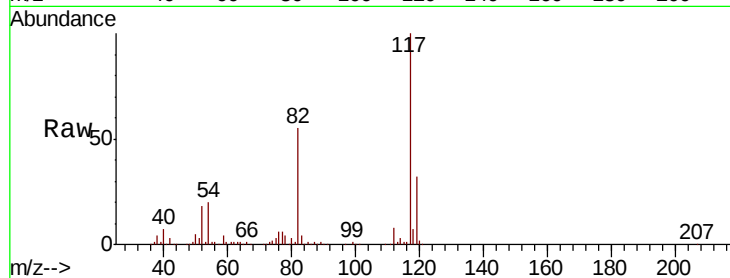
Tot Ion:117 Resp: 287895

Ion Ratio Lower Upper

117 100

82 55.2 45.5 68.3

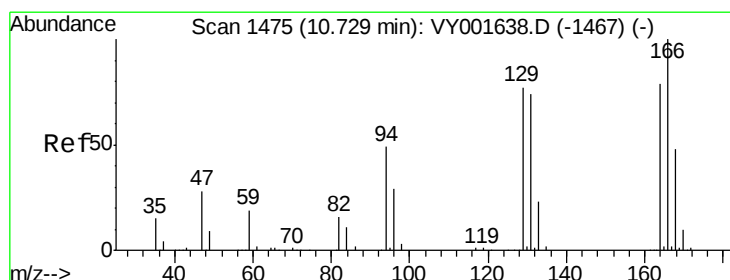
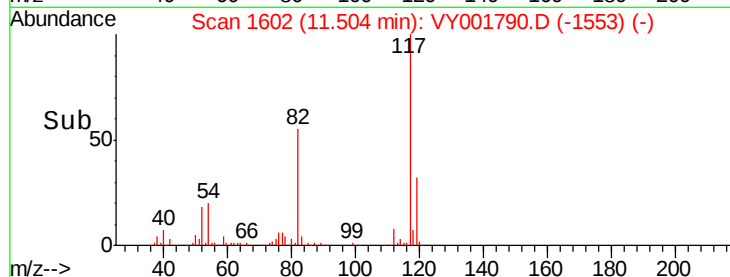
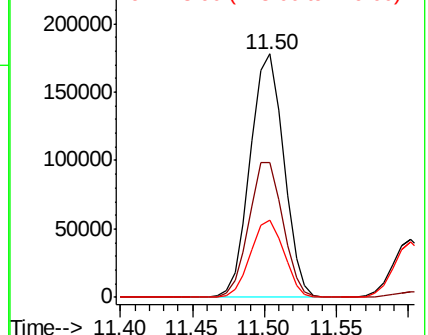
119 31.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.192 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Tgt Ion:164 Resp: 85290

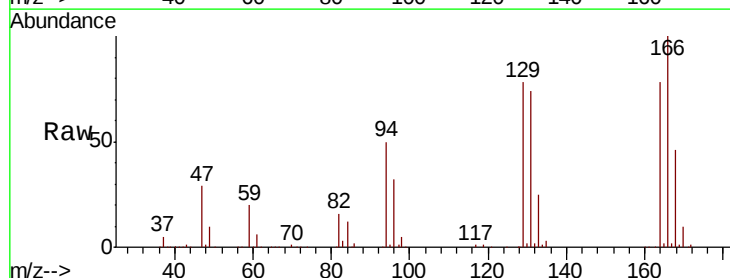
Ion Ratio Lower Upper

164 100

166 128.1 101.4 152.0

129 99.8 78.7 118.1

131 94.4 76.0 114.0

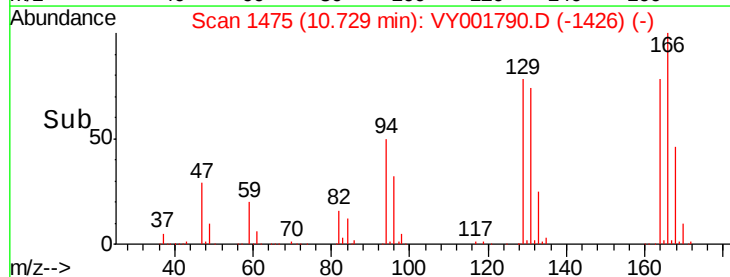
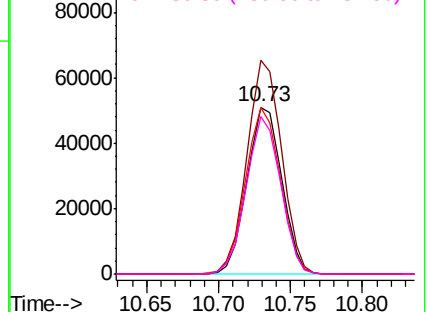


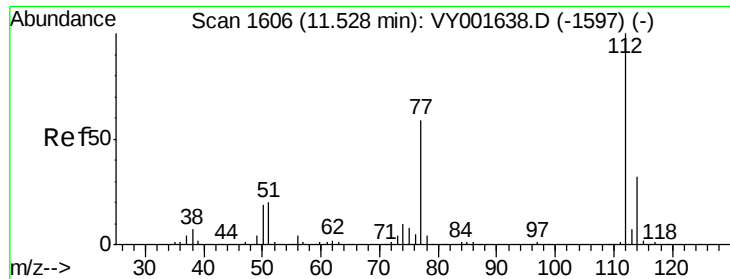
Abundance Ion 163.80 (163.50 to 164.50): V

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

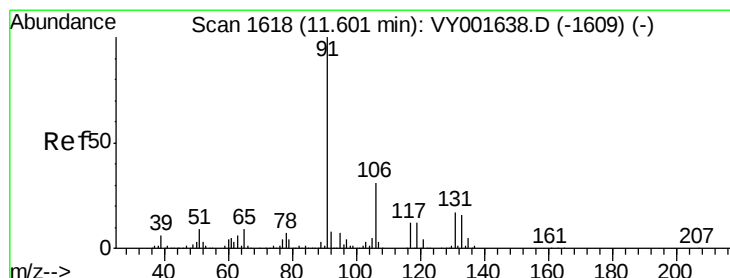
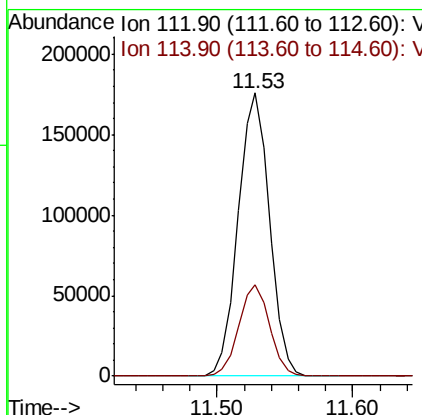
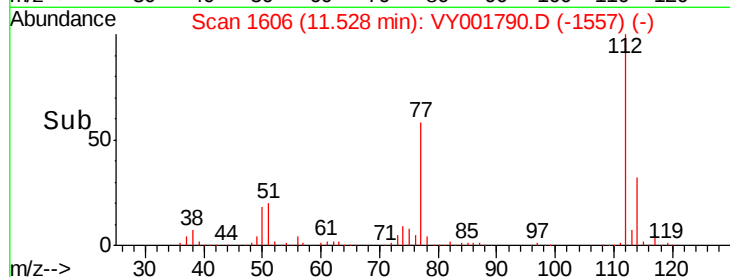
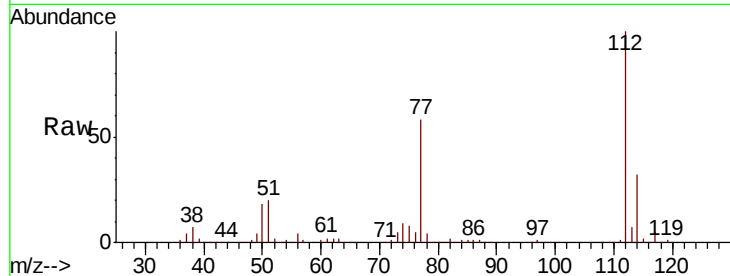




#65
Chlorobenzene
Concen: 49.192 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

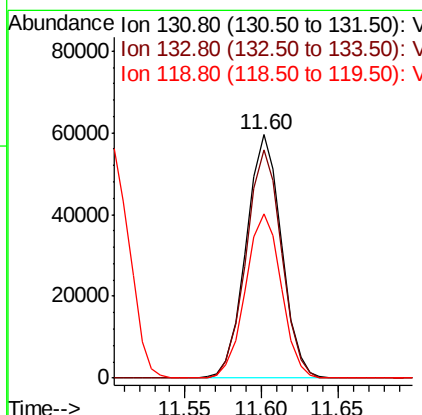
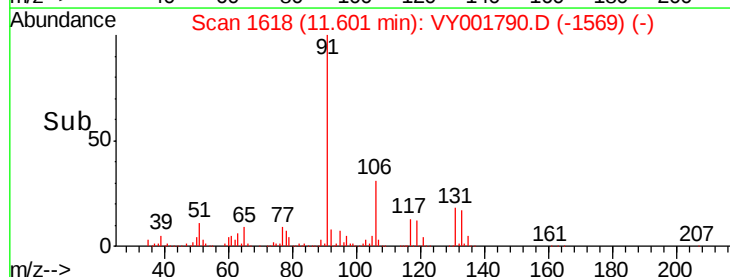
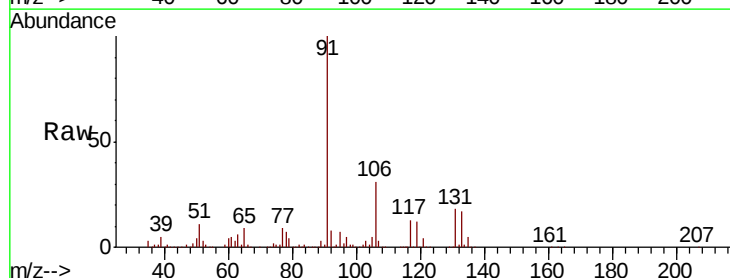
Instrument :
MSVOA_Y
ClientSampleId :

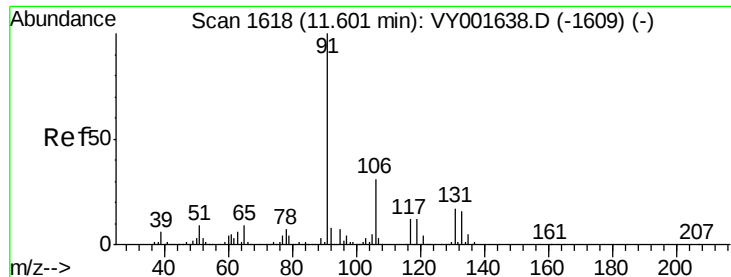
Tot Ion:112 Resp: 282745
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.457 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:131 Resp: 95892
Ion Ratio Lower Upper
131 100
133 93.9 47.4 142.2
119 68.3 34.4 103.1

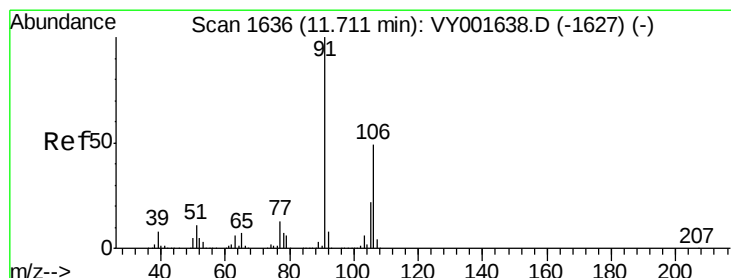
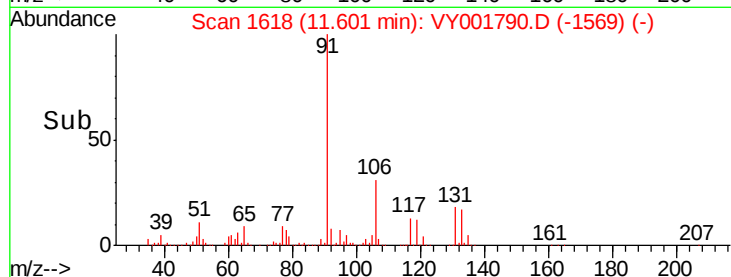
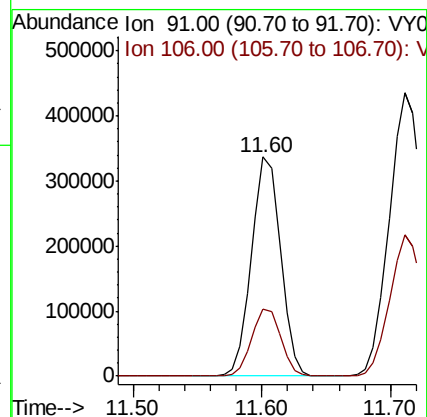
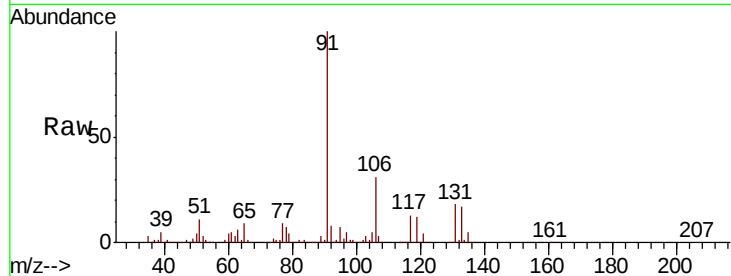




#67
Ethyl Benzene
Concen: 49.144 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

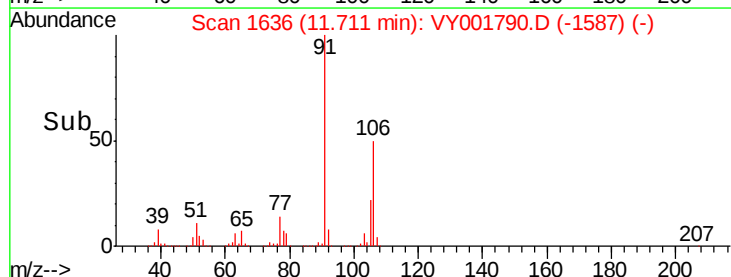
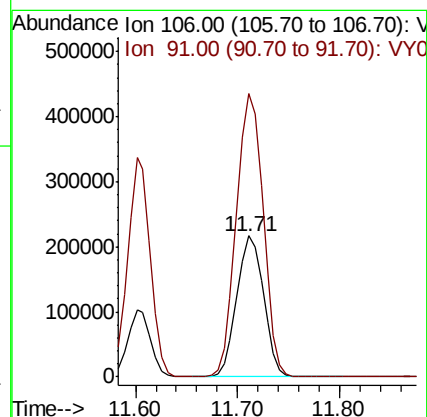
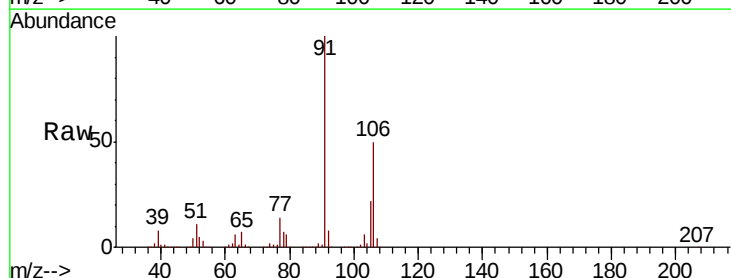
Instrument :
MSVOA_Y
ClientSampled :

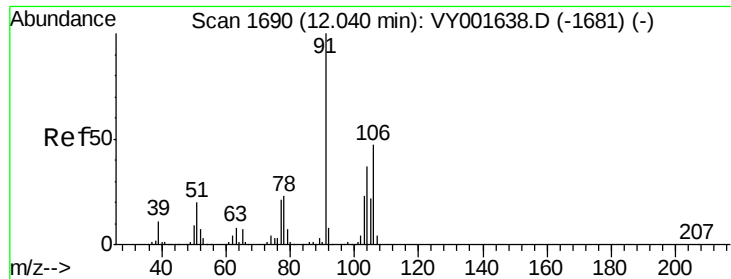
Tot Ion: 91 Resp: 524191
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 98.613 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 106 Resp: 392916
Ion Ratio Lower Upper
106 100
91 201.9 163.3 244.9

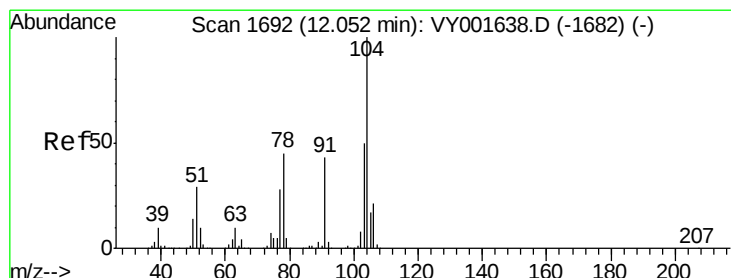
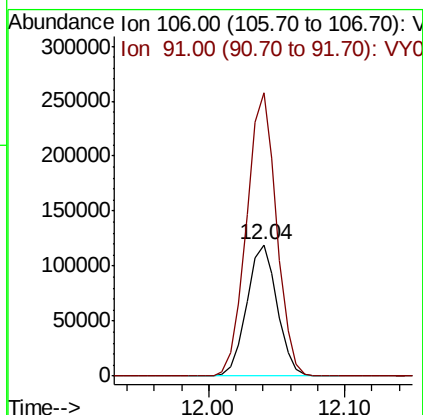
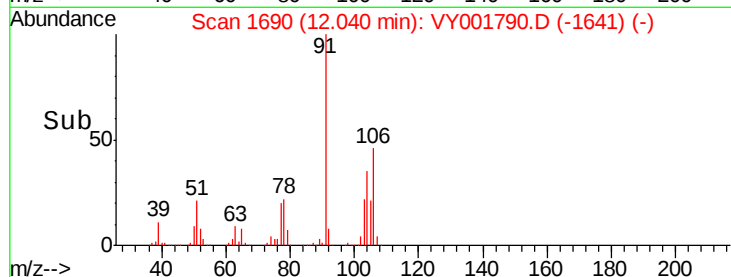
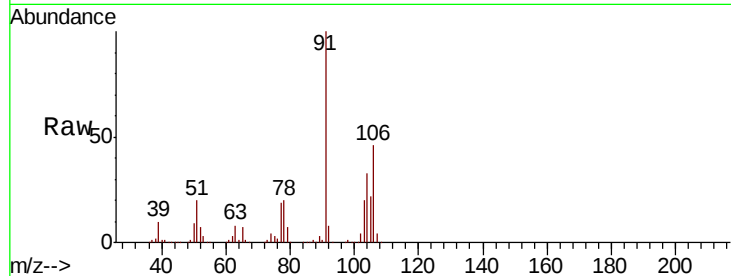




#69
o-Xylene
Concen: 49.294 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

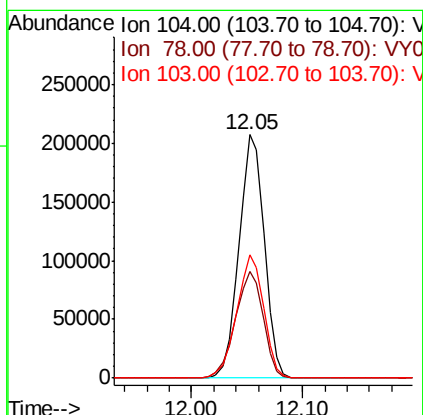
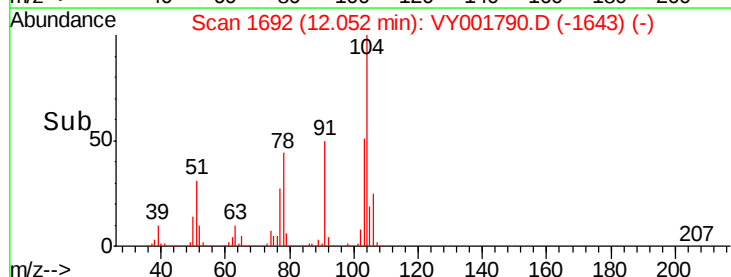
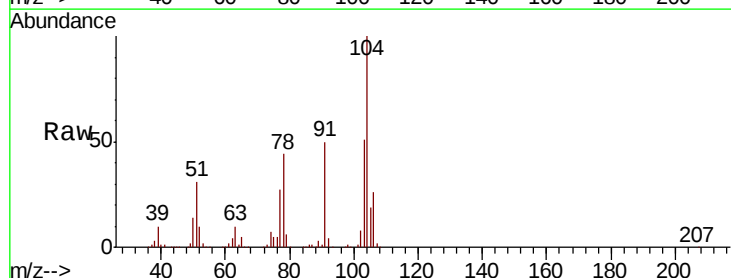
Instrument :
MSVOA_Y
ClientSampled :

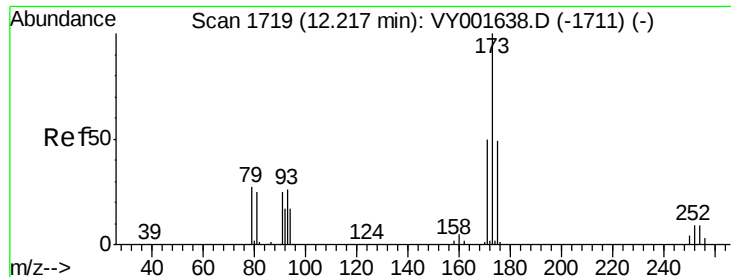
Tot Ion:106 Resp: 186723
Ion Ratio Lower Upper
106 100
91 212.4 108.3 324.9



#70
Styrene
Concen: 49.531 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:104 Resp: 326075
Ion Ratio Lower Upper
104 100
78 48.1 39.2 58.8
103 53.8 43.0 64.6





#71

Bromoform

Concen: 48.801 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

ClientSampled :

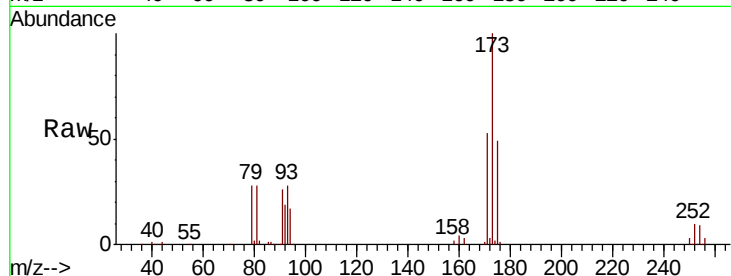
Tot Ion:173 Resp: 54074

Ion Ratio Lower Upper

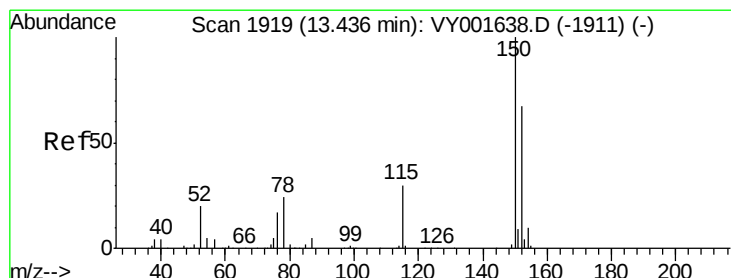
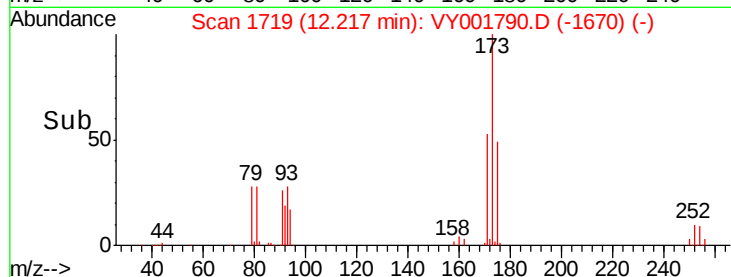
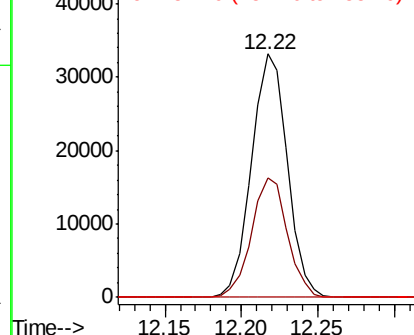
173 100

175 49.1 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

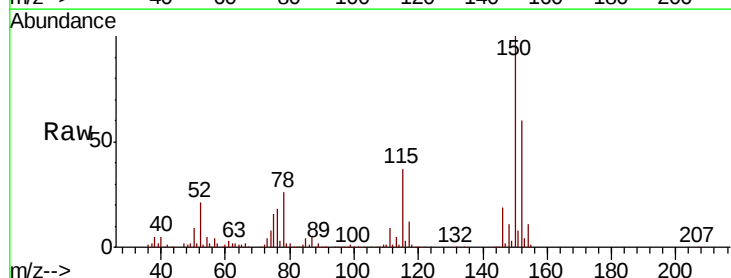
Tgt Ion:152 Resp: 135209

Ion Ratio Lower Upper

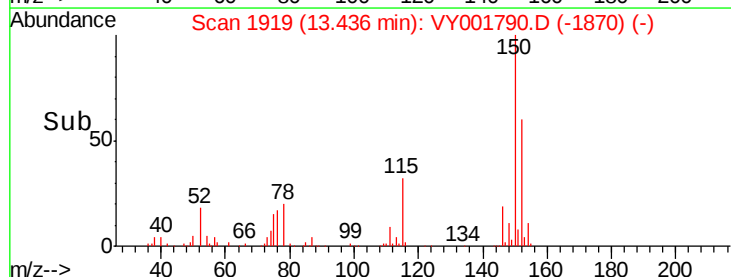
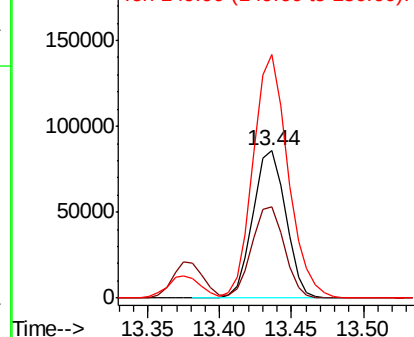
152 100

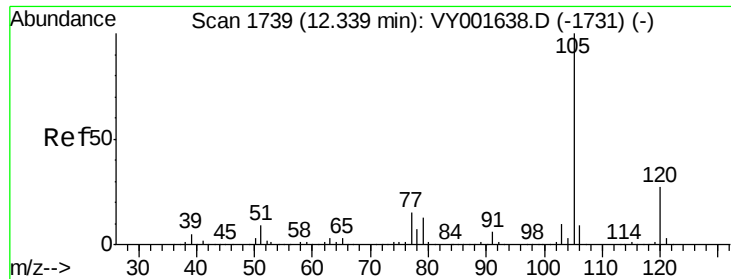
115 61.0 31.4 94.2

150 175.3 0.0 407.2



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: 48.549 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

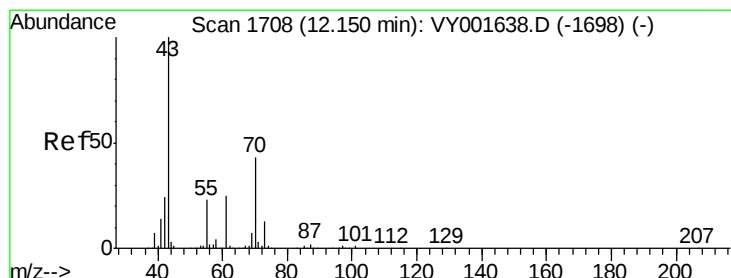
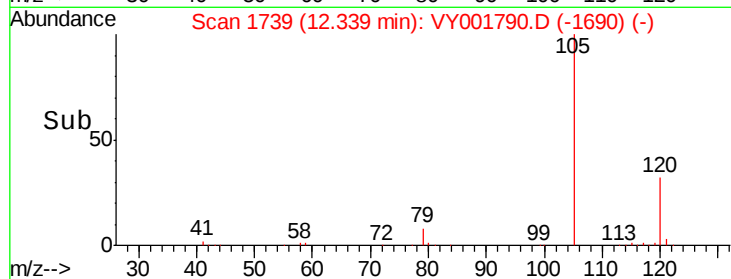
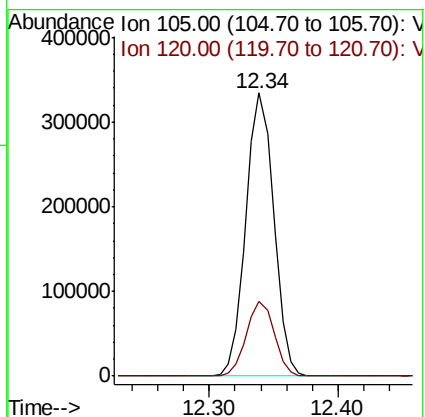
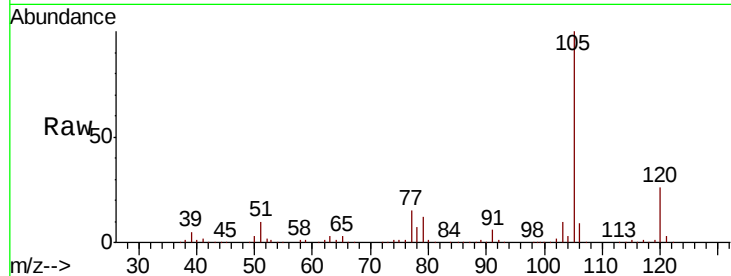
ClientSampleId :

Tot Ion:105 Resp: 500080

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 50.908 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Tgt Ion: 43 Resp: 167352

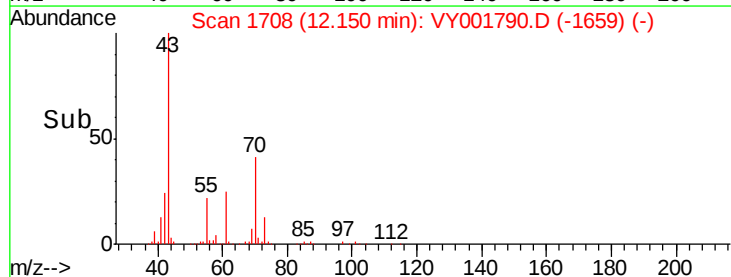
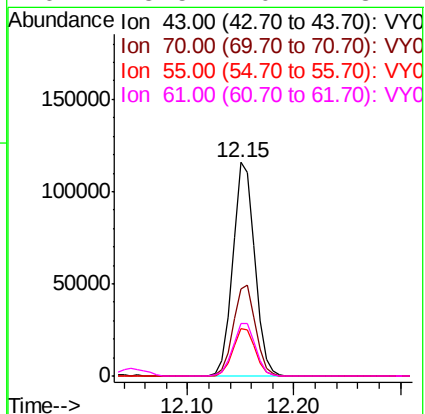
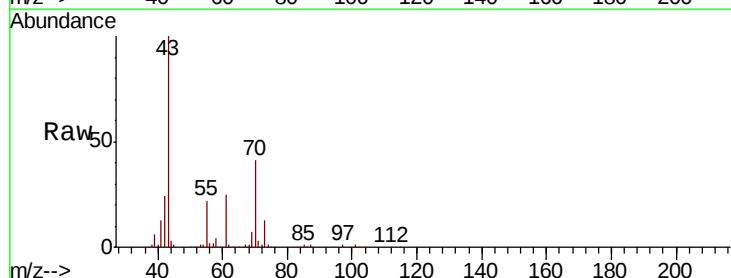
Ion Ratio Lower Upper

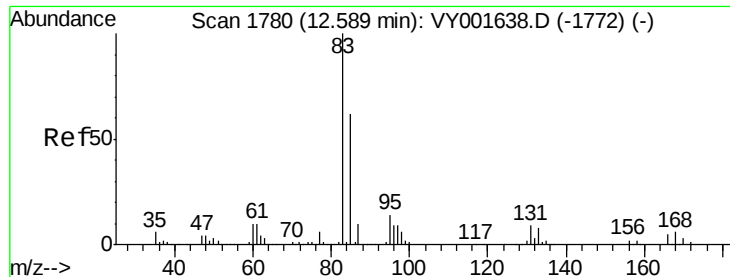
43 100

70 43.1 35.9 53.9

55 22.7 18.3 27.5

61 25.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.141 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

ClientSampleId :

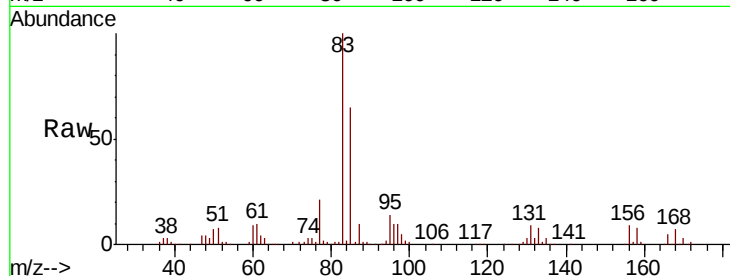
Tot Ion: 83 Resp: 114678

Ion Ratio Lower Upper

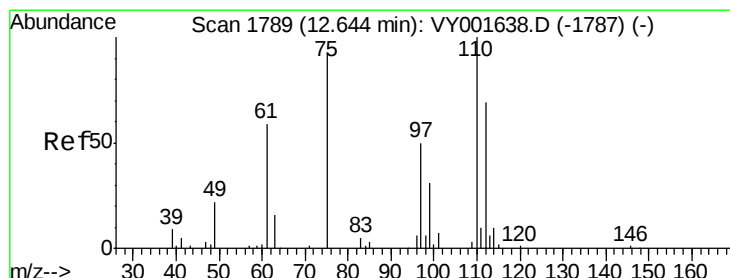
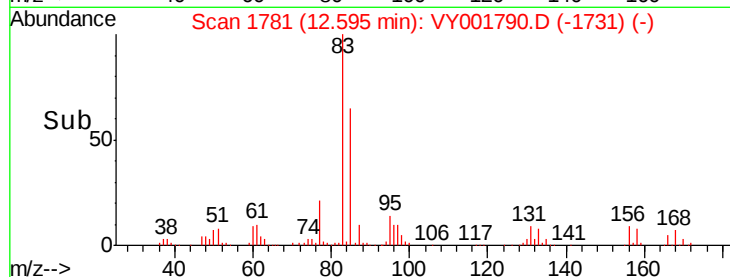
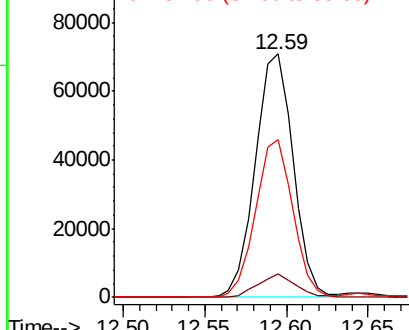
83 100

131 9.3 4.7 14.1

85 63.9 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 94.943 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001790.D

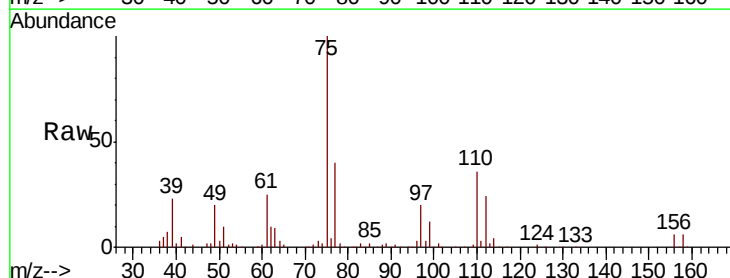
Acq: 26 Feb 2020 18:20

Tgt Ion: 75 Resp: 147259

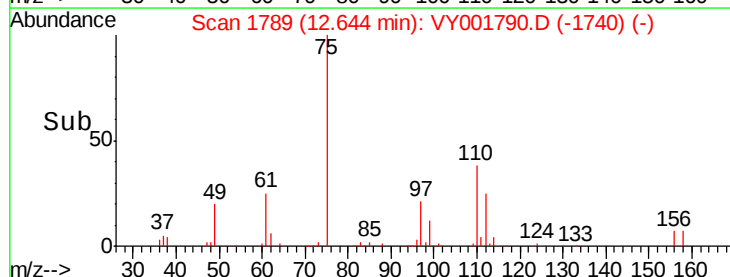
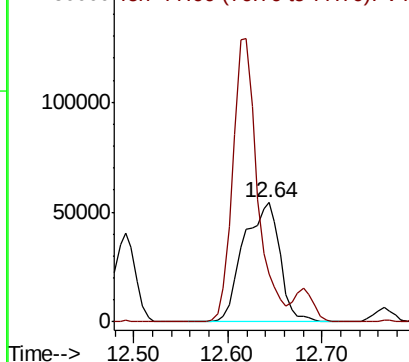
Ion Ratio Lower Upper

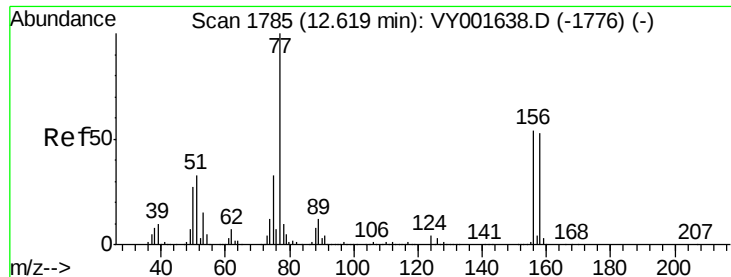
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0

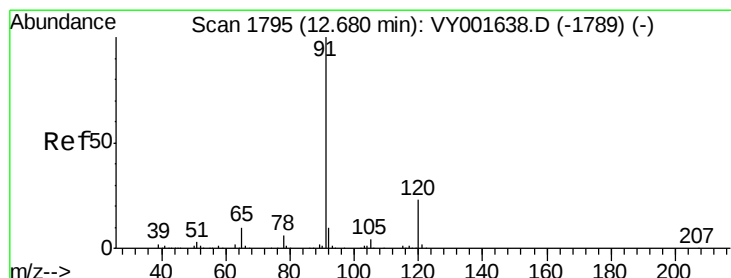
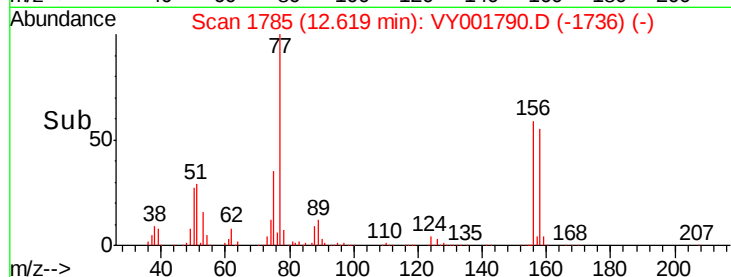
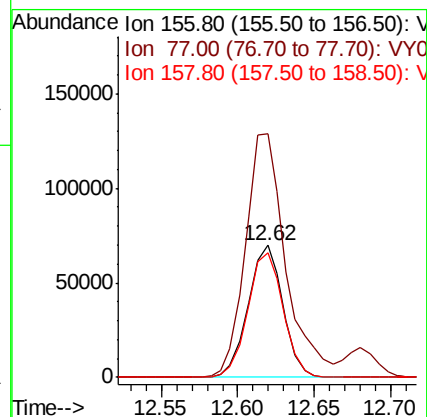
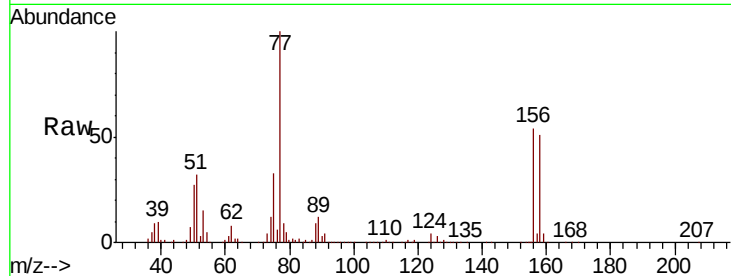




#77
Bromobenzene
Concen: 49.176 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

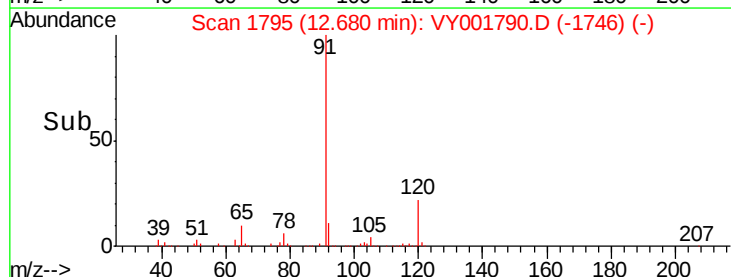
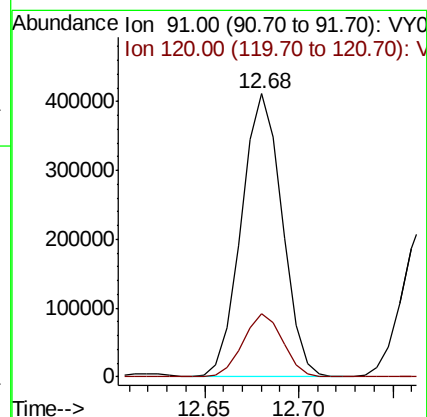
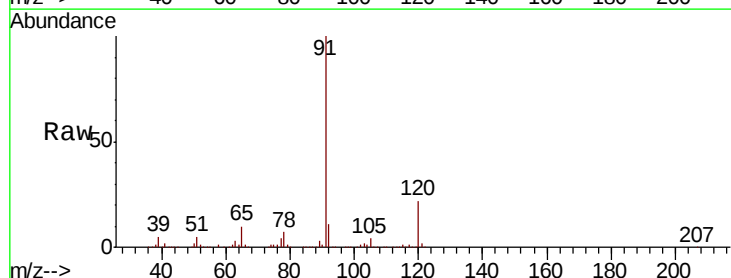
Instrument :
MSVOA_Y
ClientSampled :

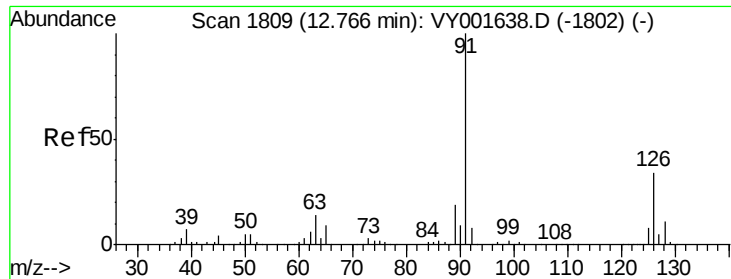
Tot Ion:156 Resp: 109808
Ion Ratio Lower Upper
156 100
77 215.0 110.1 330.1
158 96.1 47.9 143.7



#78
n-propylbenzene
Concen: 49.177 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 91 Resp: 616925
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.1

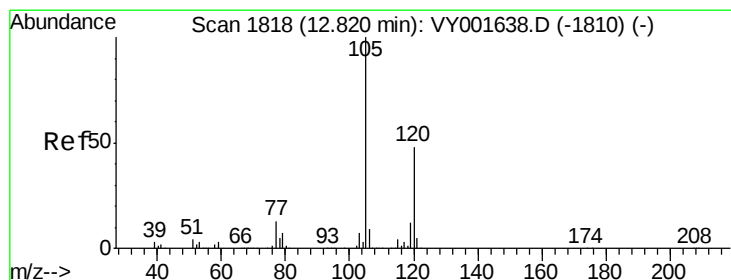
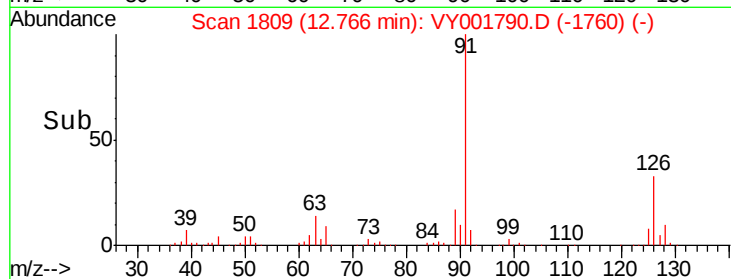
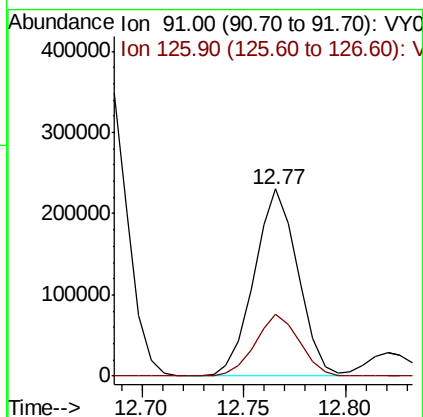
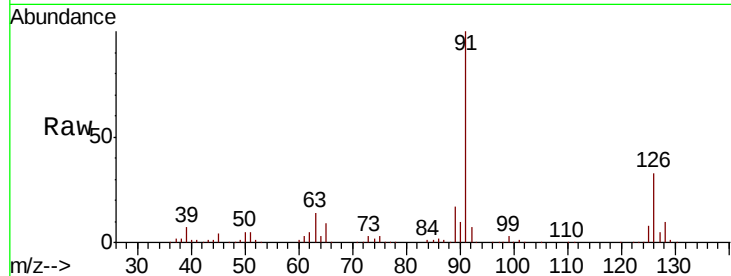




#79
 2-Chlorotoluene
 Concen: 48.969 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

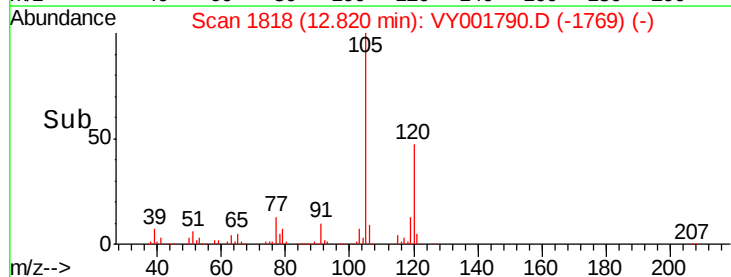
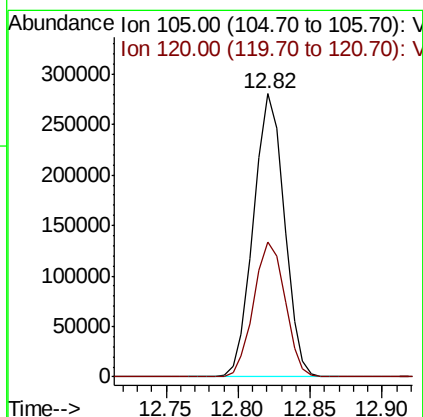
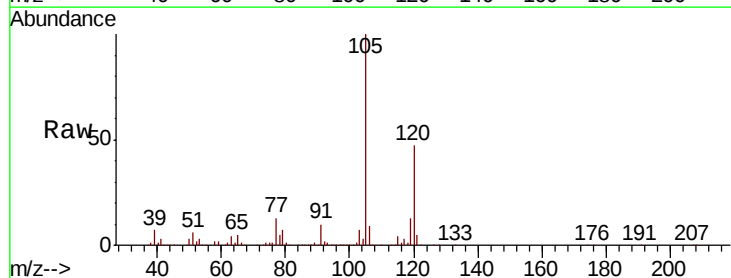
Instrument :
 MSVOA_Y
 ClientSampled :

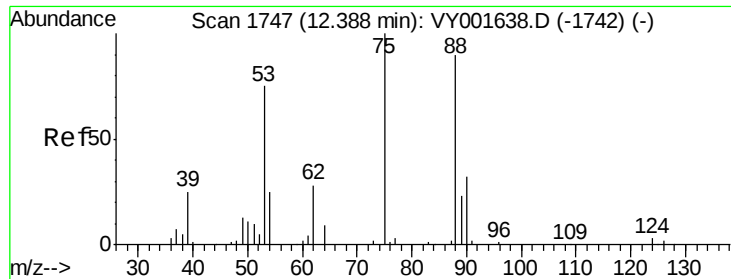
Tot Ion: 91 Resp: 344552
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 48.492 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion: 105 Resp: 413474
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.297 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

ClientSampleId :

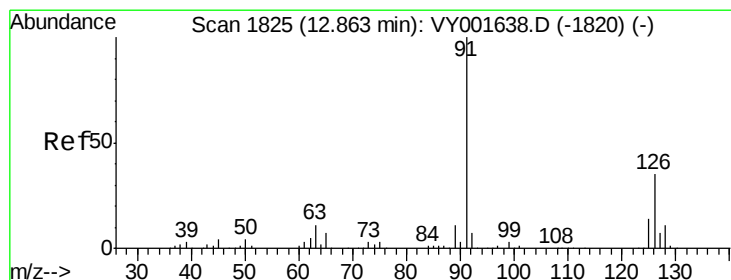
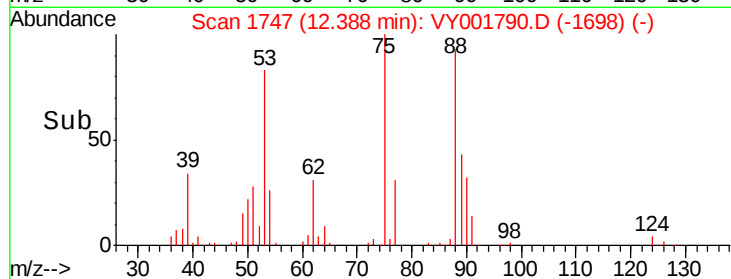
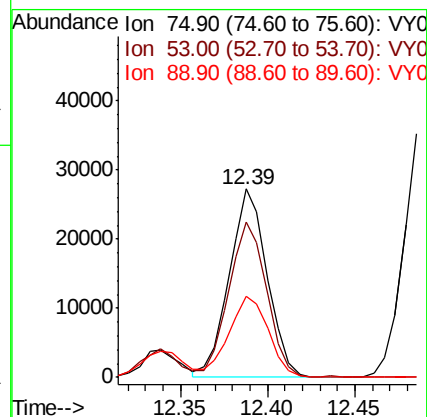
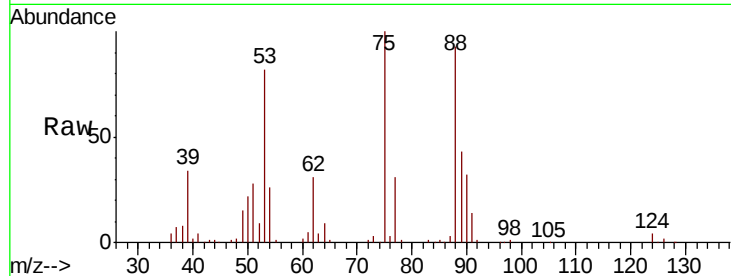
Tot Ion: 75 Resp: 41120

Ion Ratio Lower Upper

75 100

53 81.5 64.5 96.7

89 44.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 48.808 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001790.D

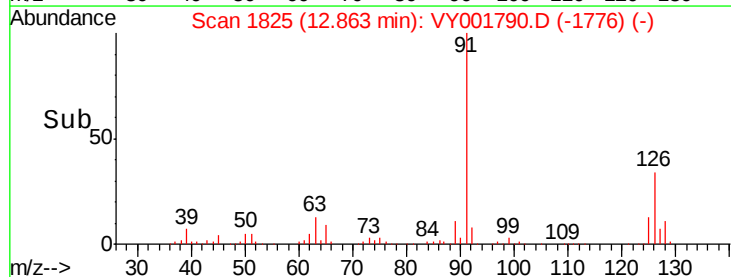
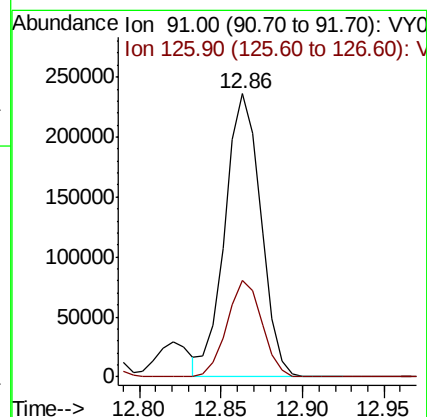
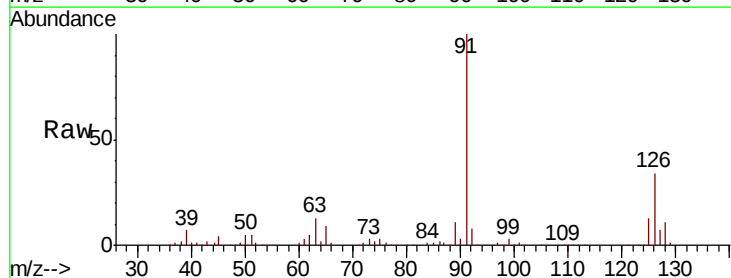
Acq: 26 Feb 2020 18:20

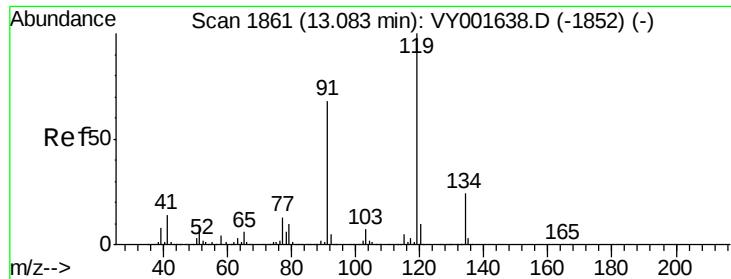
Tgt Ion: 91 Resp: 362200

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6

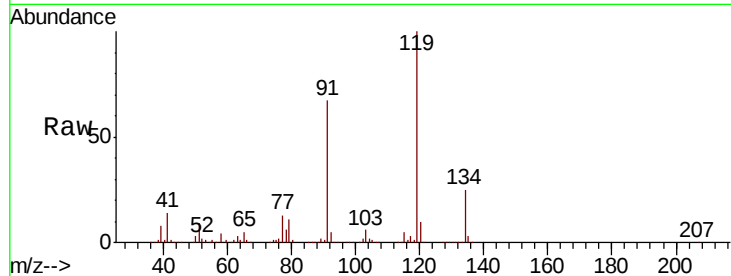




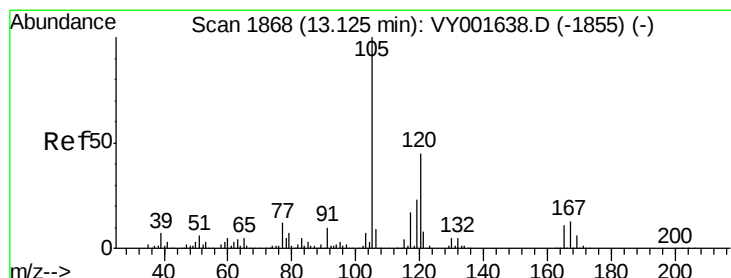
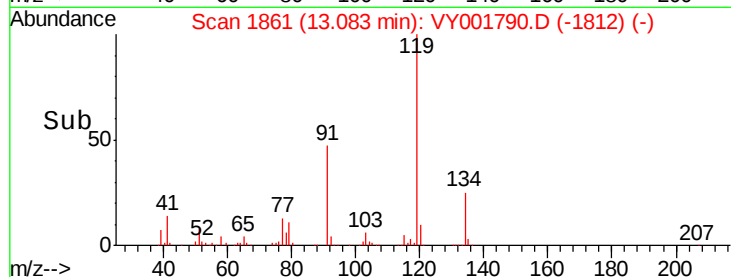
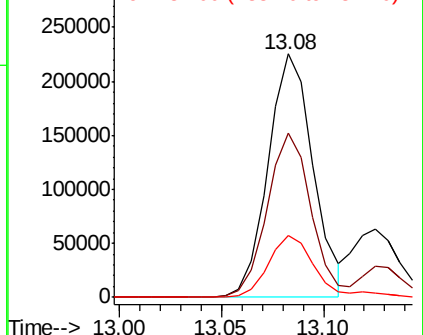
#83
tert-Butylbenzene
Concen: 48.615 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 346687
Ion Ratio Lower Upper
119 100
91 66.4 33.5 100.5
134 26.8 13.3 39.8

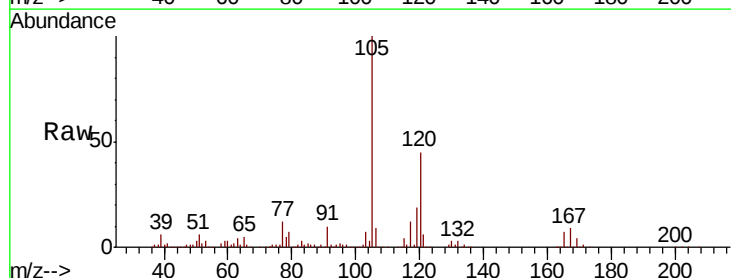


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

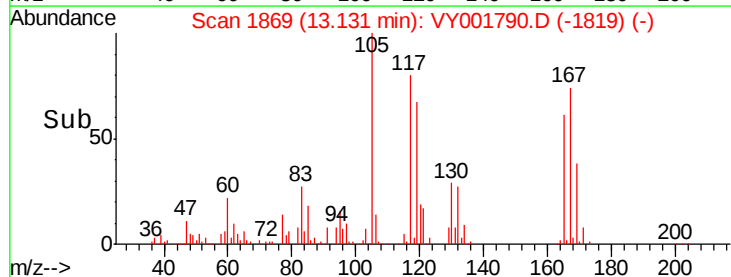
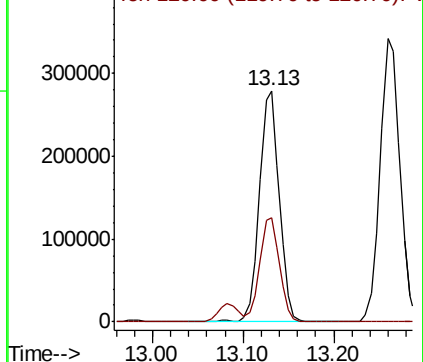


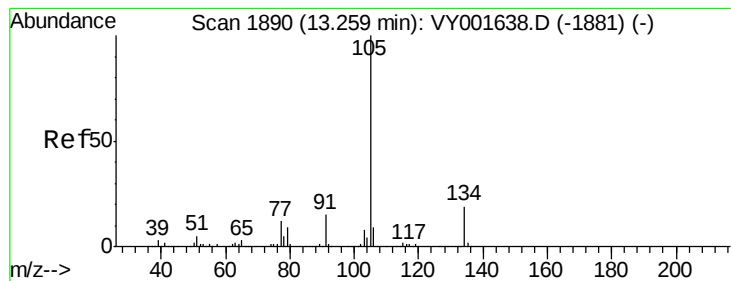
#84
1,2,4-Trimethylbenzene
Concen: 49.446 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:105 Resp: 420319
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.082 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

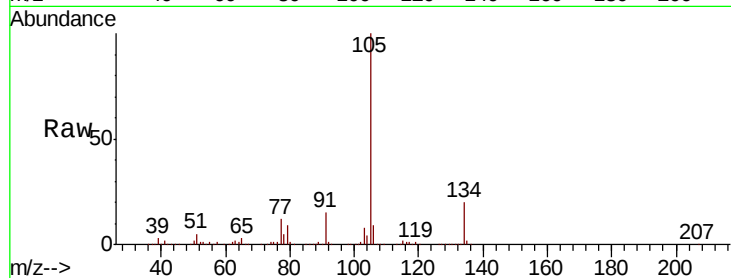
ClientSampleId :

Tot Ion:105 Resp: 514791

Ion Ratio Lower Upper

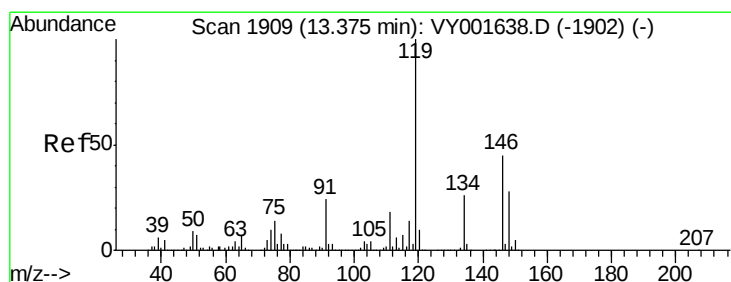
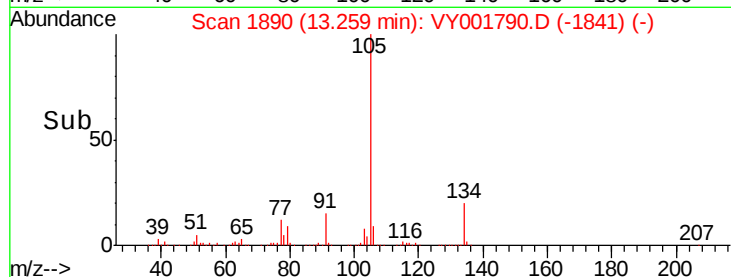
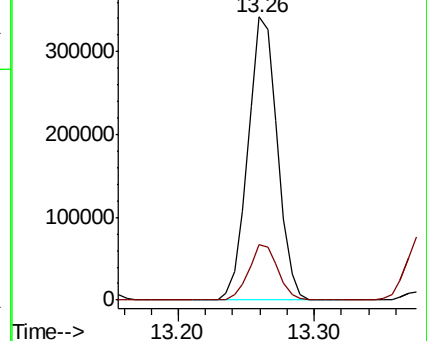
105 100

134 19.5 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.747 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

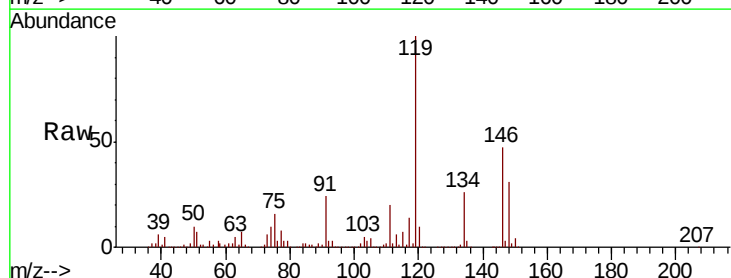
Tgt Ion:119 Resp: 444157

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

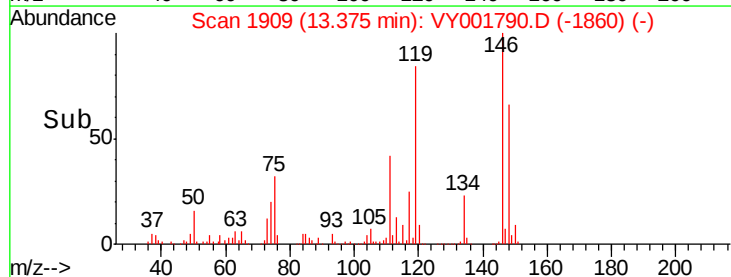
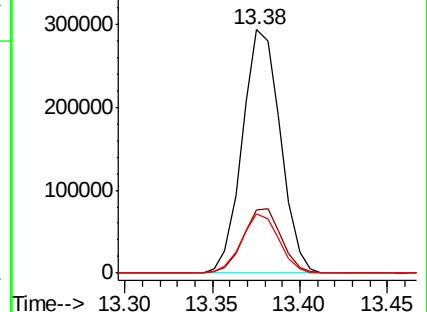
91 23.6 12.2 36.6

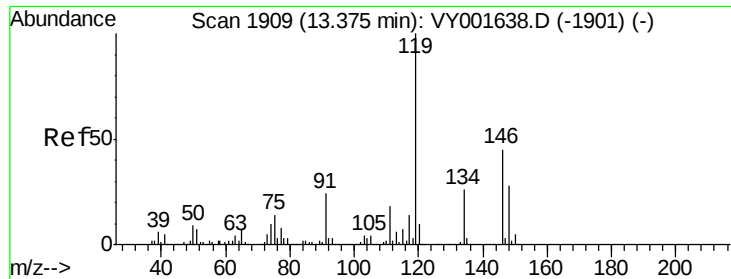


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

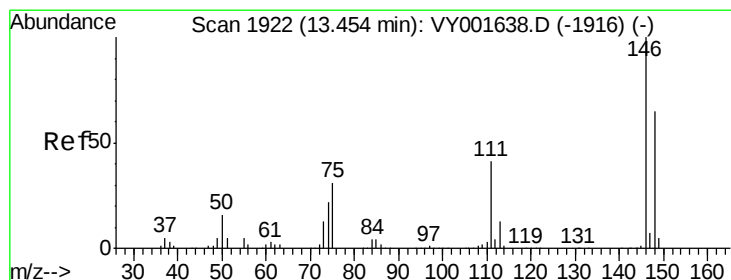
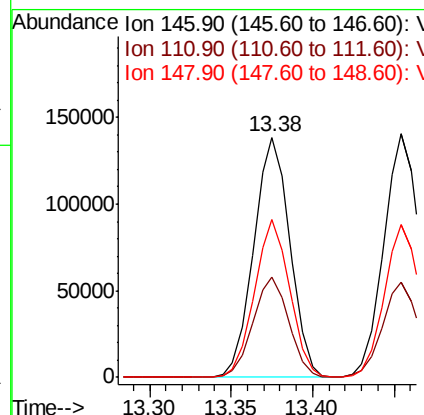
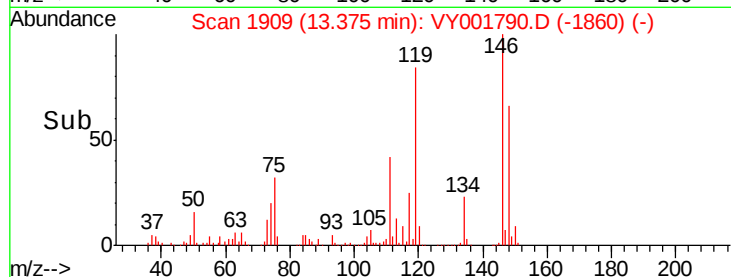
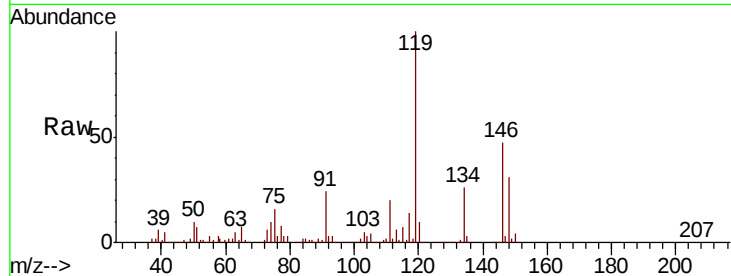




#87
 1,3-Dichlorobenzene
 Concen: 49.255 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

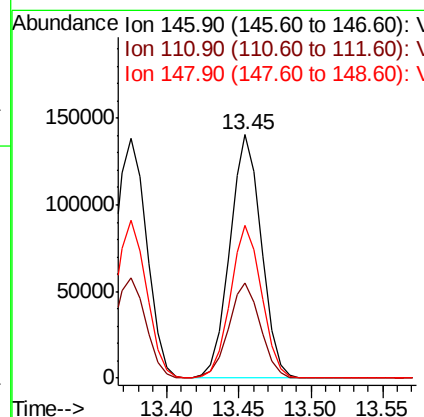
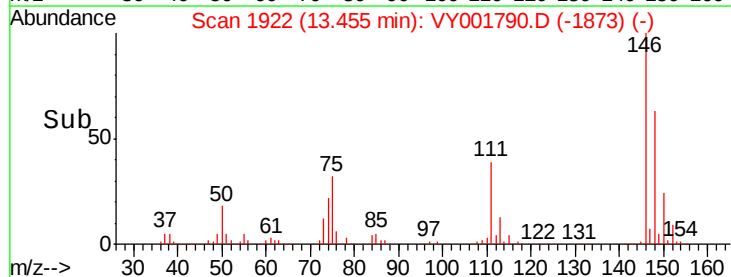
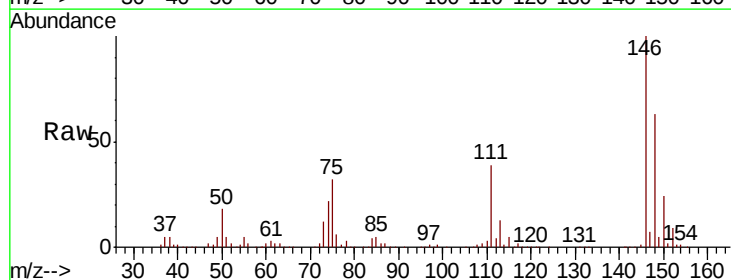
Instrument :
 MSVOA_Y
 ClientSampleId :

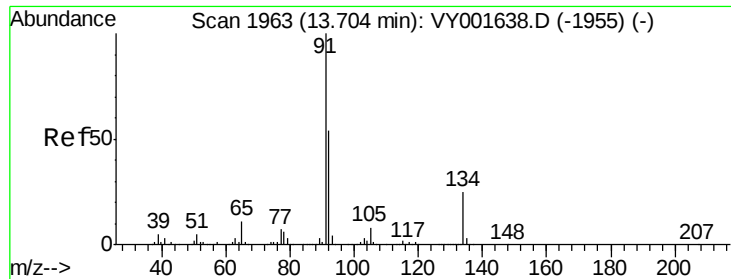
Tot Ion:146 Resp: 213302
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.4 64.3
 148 63.8 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 49.225 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion:146 Resp: 215483
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.4 61.3
 148 62.4 31.6 94.7

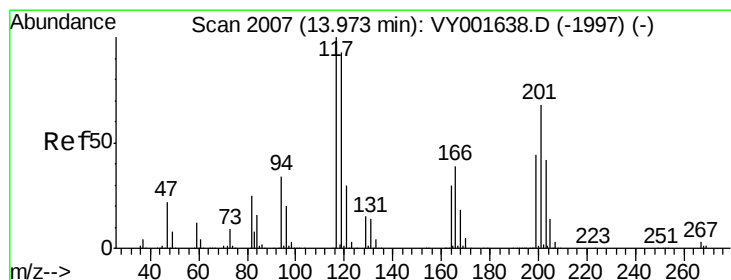
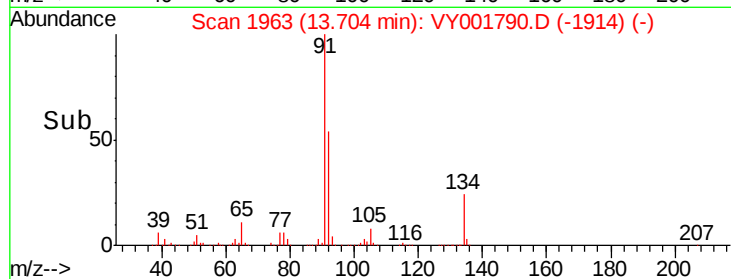
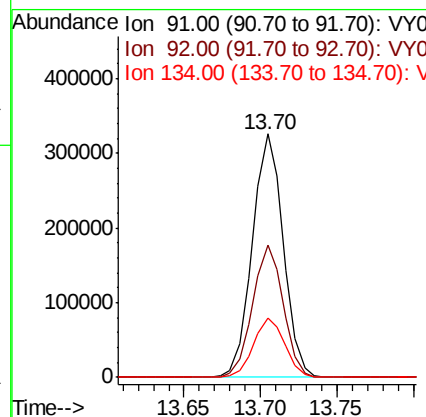
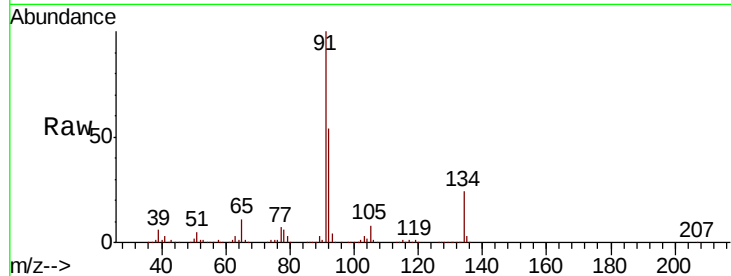




#89
n-Butylbenzene
Concen: 49.212 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

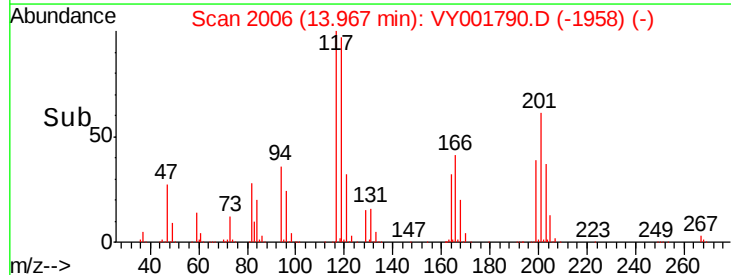
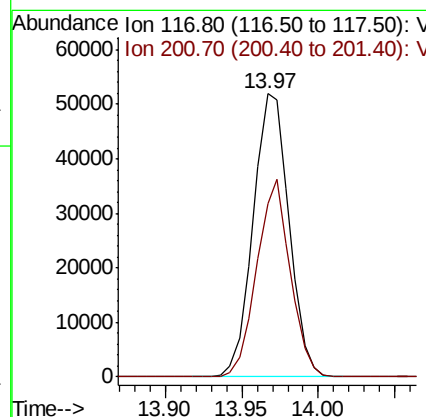
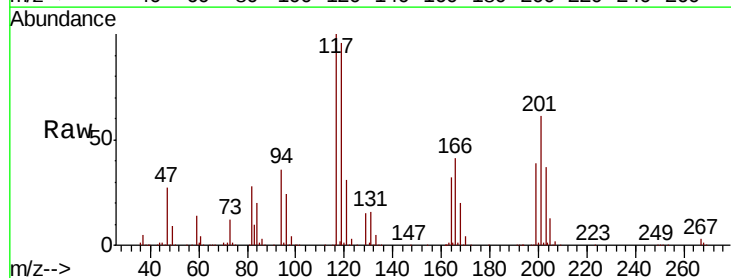
Instrument :
MSVOA_Y
ClientSampleId :

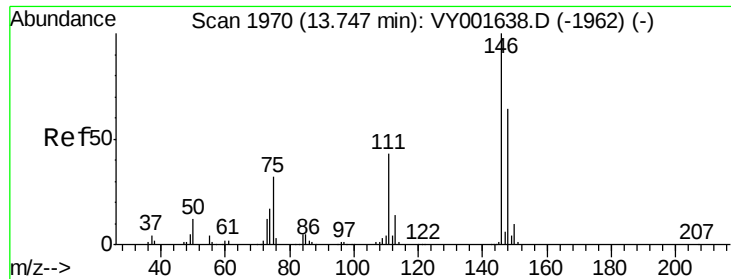
Tot Ion: 91 Resp: 458173
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.4
134 24.5 12.4 37.4



#90
Hexachloroethane
Concen: 49.329 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 117 Resp: 84683
Ion Ratio Lower Upper
117 100
201 65.3 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 48.930 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

Instrument :

MSVOA_Y

ClientSampleId :

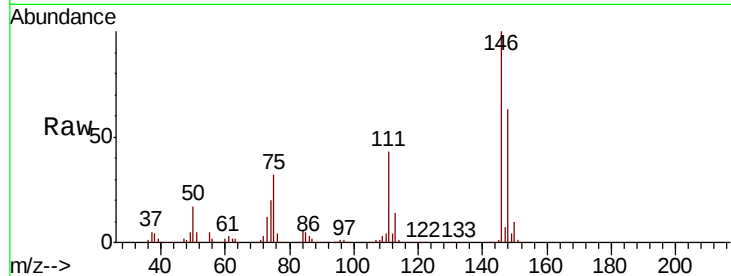
Tot Ion:146 Resp: 195549

Ion Ratio Lower Upper

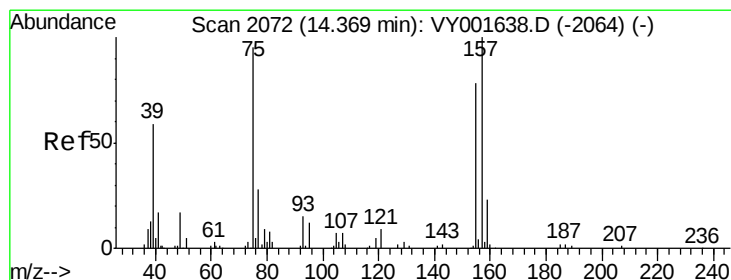
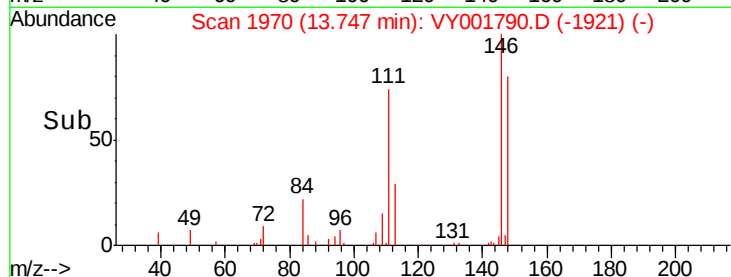
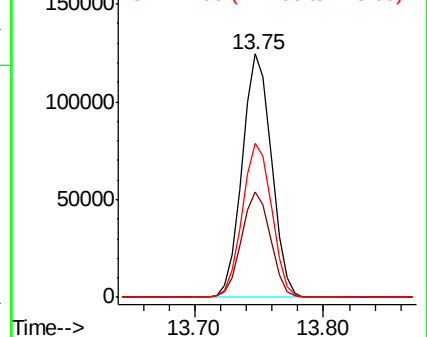
146 100

111 42.7 21.9 65.7

148 63.7 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.095 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY001790.D

Acq: 26 Feb 2020 18:20

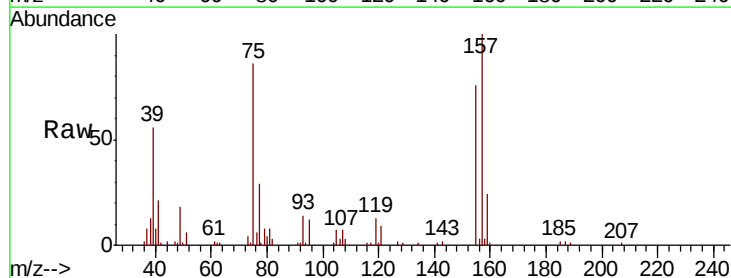
Tgt Ion: 75 Resp: 18183

Ion Ratio Lower Upper

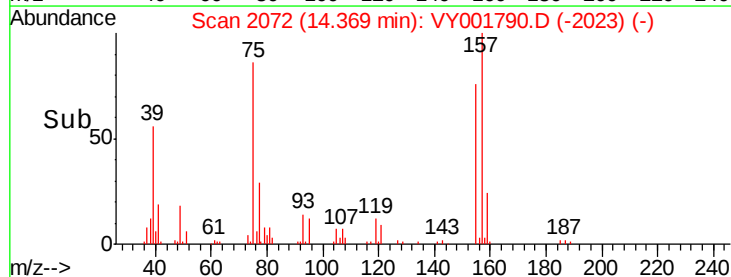
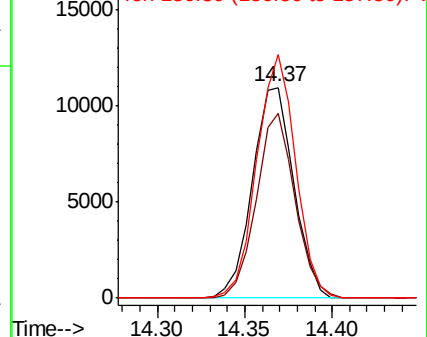
75 100

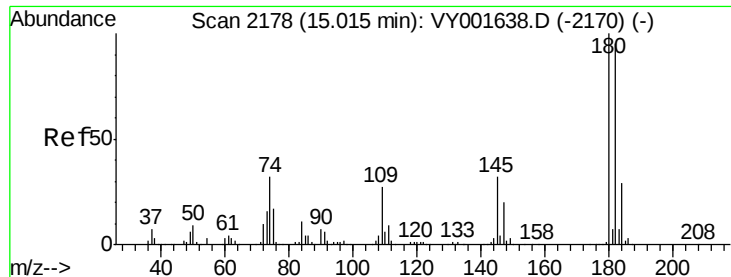
155 81.9 40.8 122.4

157 108.4 52.1 156.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

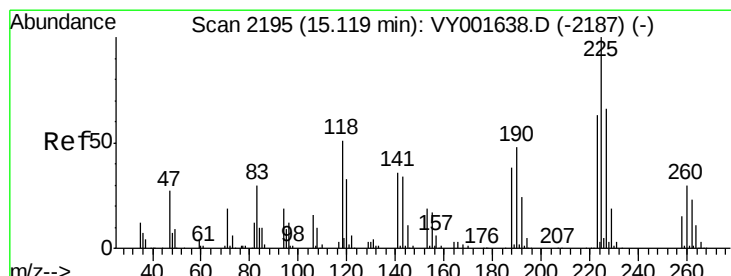
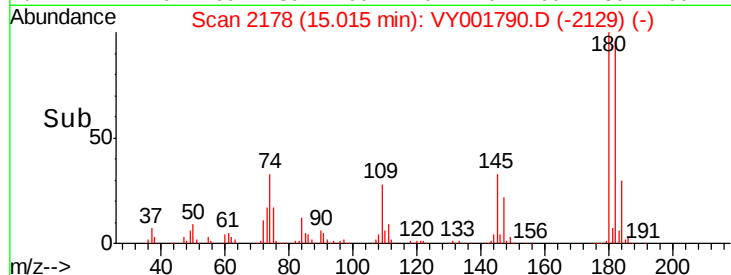
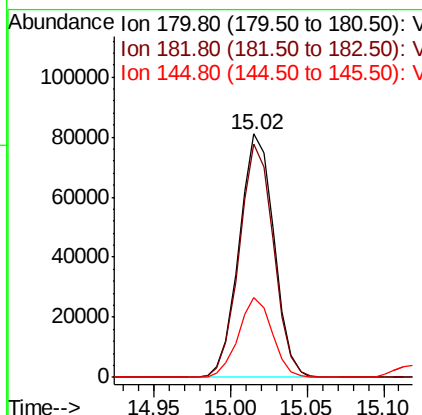
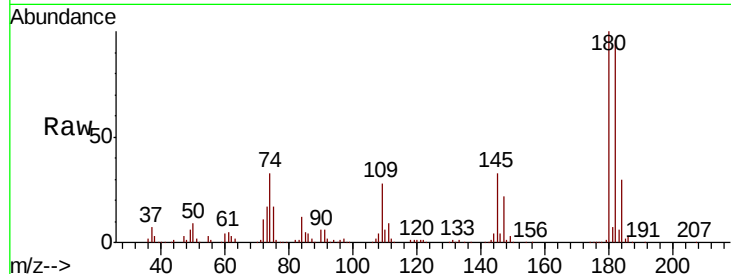




#93
 1,2,4-Trichlorobenzene
 Concen: 48.245 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

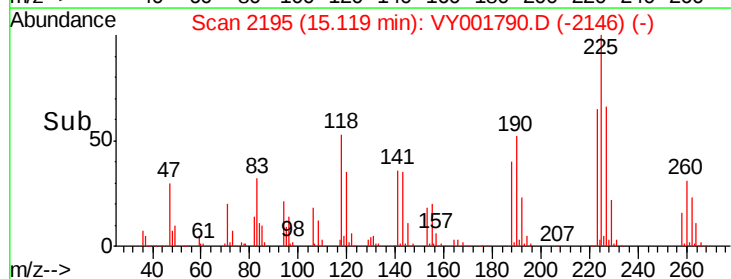
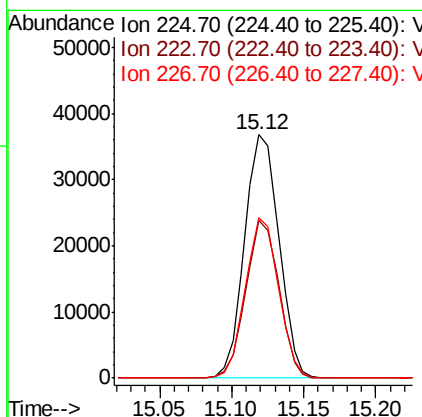
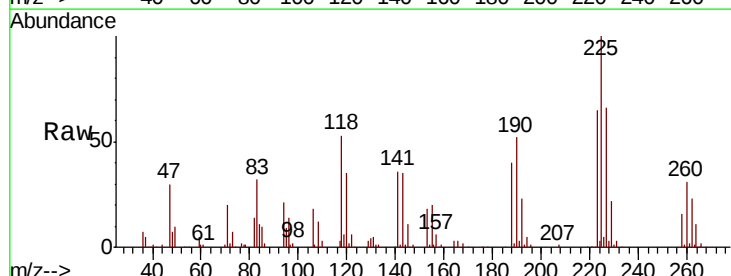
Instrument :
 MSVOA_Y
 ClientSampleId :

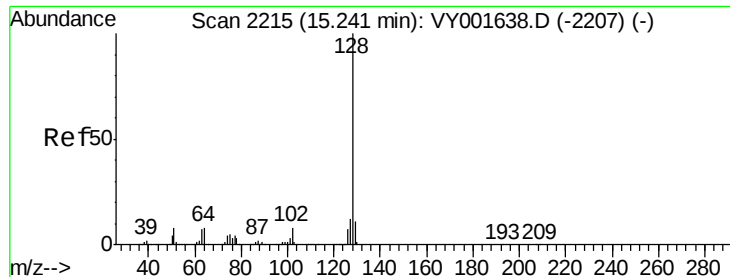
Tot Ion:180 Resp: 127773
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.8 140.3
 145 31.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 46.094 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001790.D
 Acq: 26 Feb 2020 18:20

Tgt Ion:225 Resp: 60711
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.0
 227 63.7 31.6 94.8

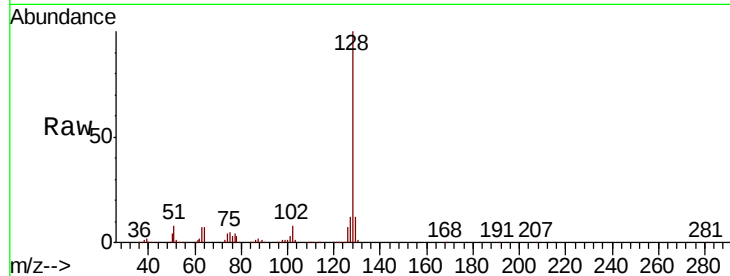




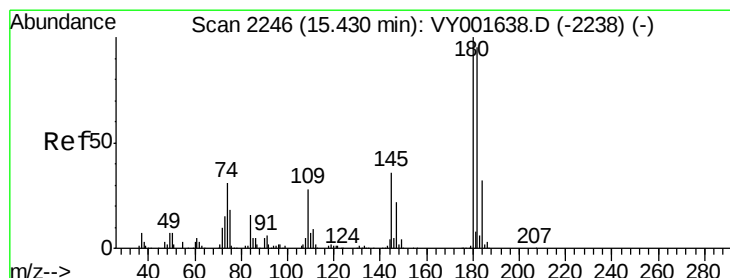
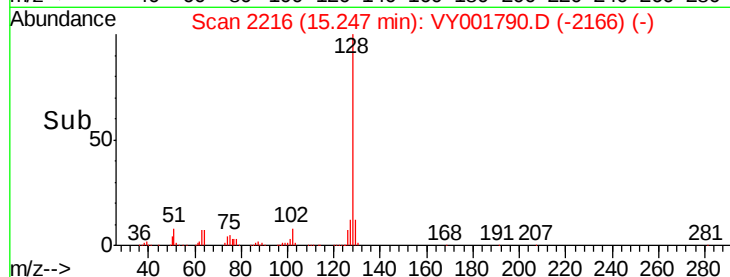
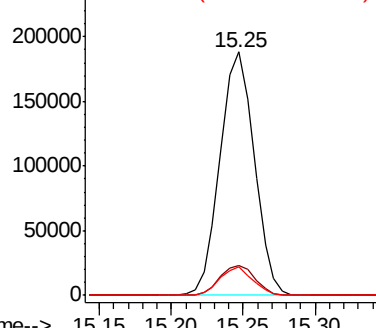
#95
Naphthalene
Concen: 50.899 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 310812
Ion Ratio Lower Upper
128 100
127 12.5 9.9 14.9
129 11.2 8.6 13.0

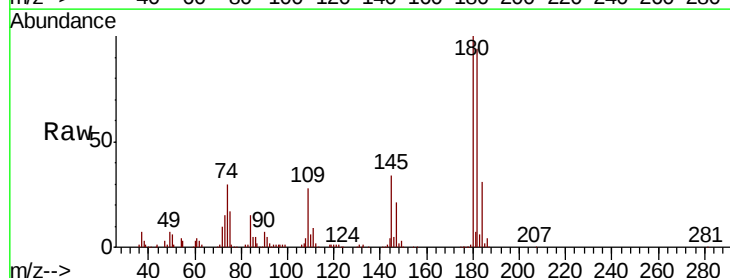


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.959 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:180 Resp: 114073
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 33.5 17.3 52.0



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

