

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000925.D
 Acq On : 09 Dec 2019 20:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:27:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	519099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	481262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	224717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	162597	52.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.98%	
35) Dibromofluoromethane	7.73	113	156702	51.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.60%	
50) Toluene-d8	10.18	98	633987	52.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.48	95	226869	49.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	130562	41.999	ug/l	96
3) Chloromethane	2.12	50	173800	45.355	ug/l	99
4) Vinyl Chloride	2.25	62	175824	46.556	ug/l	100
5) Bromomethane	2.65	94	115567	50.968	ug/l	97
6) Chloroethane	2.79	64	113462	49.001	ug/l	97
7) Trichlorofluoromethane	3.13	101	254130	49.101	ug/l	98
8) Diethyl Ether	3.54	74	106889	54.871	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	159696	49.964	ug/l	99
10) Methyl Iodide	4.10	142	207954	51.676	ug/l	98
11) Tert butyl alcohol	4.97	59	85864	278.124	ug/l	99
12) 1,1-Dichloroethene	3.88	96	156626	49.465	ug/l	94
13) Acrolein	3.74	56	78578	258.383	ug/l	99
14) Allyl chloride	4.49	41	281605	51.868	ug/l	99
15) Acrylonitrile	5.18	53	281829	280.176	ug/l	98
16) Acetone	3.96	43	196508	279.157	ug/l	99
17) Carbon Disulfide	4.19	76	487095	47.564	ug/l	97
18) Methyl Acetate	4.49	43	162008	55.042	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	471679	55.778	ug/l	99
20) Methylene Chloride	4.72	84	200758	54.104	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	183983	51.121	ug/l	96
22) Diisopropyl ether	6.13	45	615095	55.122	ug/l	96
23) Vinyl Acetate	6.07	43	1889880	278.585	ug/l	99
24) 1,1-Dichloroethane	6.03	63	325425	52.912	ug/l	99
25) 2-Butanone	7.00	43	355660	273.510	ug/l	99
26) 2,2-Dichloropropane	6.99	77	248333	47.974	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	211293	54.313	ug/l	98
28) Bromochloromethane	7.35	49	133879	58.992	ug/l	93
29) Tetrahydrofuran	7.36	42	252408	292.924	ug/l	100
30) Chloroform	7.52	83	318126	51.562	ug/l	95
31) Cyclohexane	7.79	56	311575	47.822	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	265740	52.160	ug/l	98
36) 1,1-Dichloropropene	7.93	75	253555	49.125	ug/l	98
37) Ethyl Acetate	7.08	43	158659	53.237	ug/l	99
38) Carbon Tetrachloride	7.91	117	225716	49.105	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	326974	47.815	ug/l	99
40) Benzene	8.17	78	772007	51.350	ug/l	98
41) Methacrylonitrile	7.36	41	212838	135.500	ug/l #	33
42) 1,2-Dichloroethane	8.25	62	207340	52.440	ug/l	99
43) Isopropyl Acetate	8.28	43	298395	53.131	ug/l	100
44) Trichloroethene	8.94	130	198955	51.492	ug/l	99
45) 1,2-Dichloropropane	9.22	63	202381	53.592	ug/l	95
46) Dibromomethane	9.31	93	105059	53.245	ug/l	99
47) Bromodichloromethane	9.50	83	249423	53.811	ug/l	99
48) Methyl methacrylate	9.30	41	129688	52.513	ug/l	94
49) 1,4-Dioxane	9.30	88	30518	1091.586	ug/l	87
51) 4-Methyl-2-Pentanone	10.07	43	794629	273.842	ug/l	100
52) Toluene	10.24	92	476291	51.167	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	269870	54.192	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	312453	53.082	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	157502	54.029	ug/l	96
56) Ethyl methacrylate	10.51	69	233056	55.886	ug/l	98
57) 1,3-Dichloropropane	10.79	76	278113	54.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	460992	274.158	ug/l	99
59) 2-Hexanone	10.83	43	551003	260.588	ug/l	100
60) Dibromochloromethane	10.99	129	172752	55.048	ug/l	98
61) 1,2-Dibromoethane	11.08	107	152112	55.367	ug/l	99
64) Tetrachloroethene	10.72	164	207226	49.560	ug/l	99
65) Chlorobenzene	11.51	112	500631	50.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	180273	53.473	ug/l	98
67) Ethyl Benzene	11.59	91	930557	49.947	ug/l	99
68) m/p-Xylenes	11.70	106	691059	98.822	ug/l	100
69) o-Xylene	12.02	106	329773	50.577	ug/l	99
70) Styrene	12.04	104	583908	52.300	ug/l	99
71) Bromoform	12.20	173	101168	53.207	ug/l #	100
73) Isopropylbenzene	12.33	105	888165	49.639	ug/l	99
74) N-amyl acetate	12.14	43	263500	52.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	183781	52.129	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	254807	100.080	ug/l #	100
77) Bromobenzene	12.60	156	197598	50.948	ug/l	99
78) n-propylbenzene	12.67	91	1074661	49.190	ug/l	99
79) 2-Chlorotoluene	12.75	91	599232	49.649	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	735556	49.651	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66790	51.529	ug/l	98
82) 4-Chlorotoluene	12.85	91	634043	50.990	ug/l	99
83) tert-Butylbenzene	13.07	119	613034	49.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	750363	50.626	ug/l	99
85) sec-Butylbenzene	13.25	105	896173	49.473	ug/l	100
86) p-Isopropyltoluene	13.36	119	780093	49.513	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	386730	50.829	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	388495	51.569	ug/l	99
89) n-Butylbenzene	13.69	91	799003	50.158	ug/l	99
90) Hexachloroethane	13.95	117	149226	51.416	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	354964	51.867	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	31961	54.151	ug/l	97

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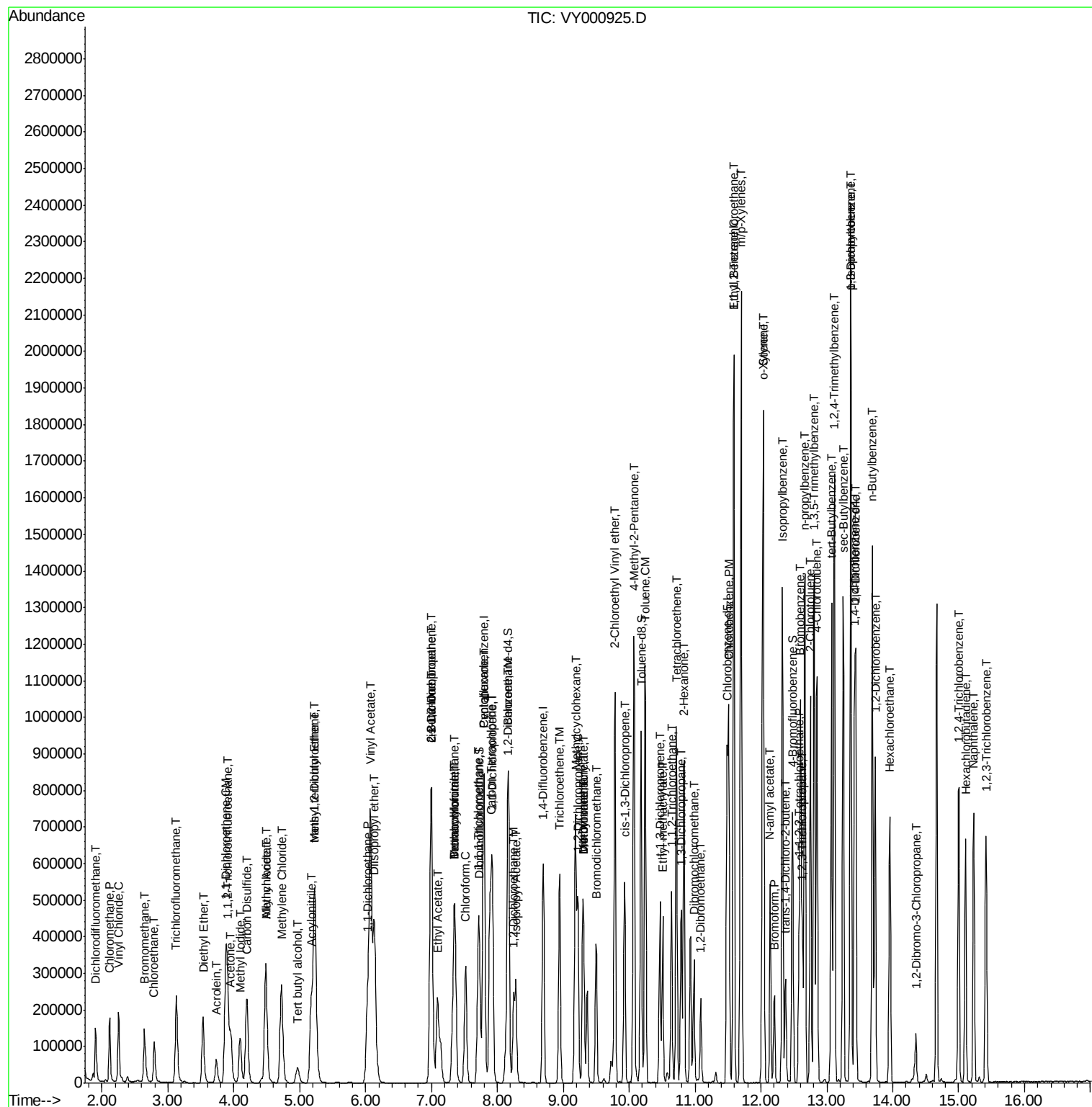
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	240031	51.832	ug/l	99
94) Hexachlorobutadiene	15.11	225	115248	50.195	ug/l	97
95) Naphthalene	15.23	128	579133	53.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	219074	52.962	ug/l	98

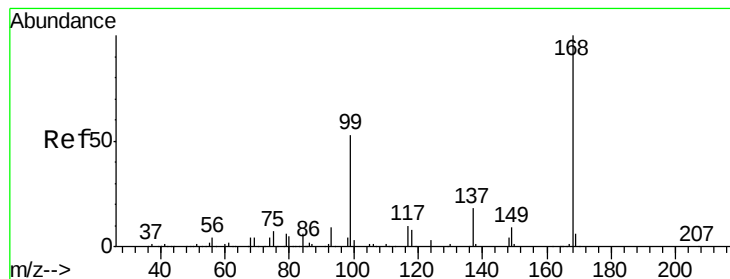
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
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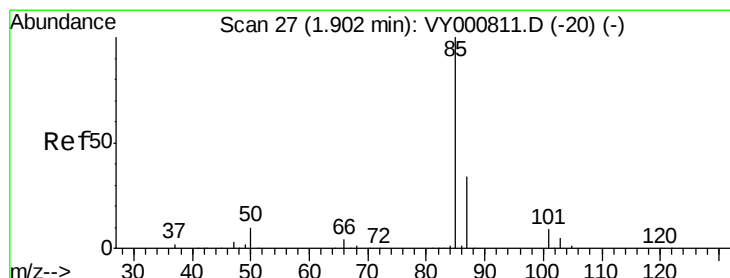
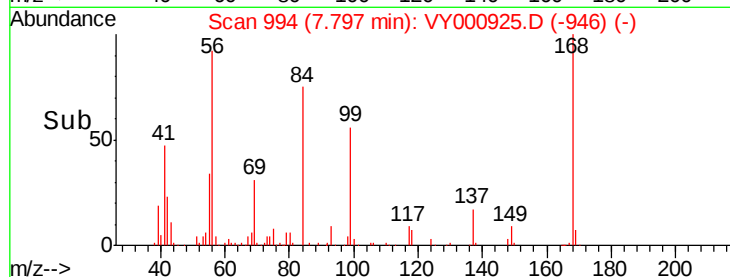
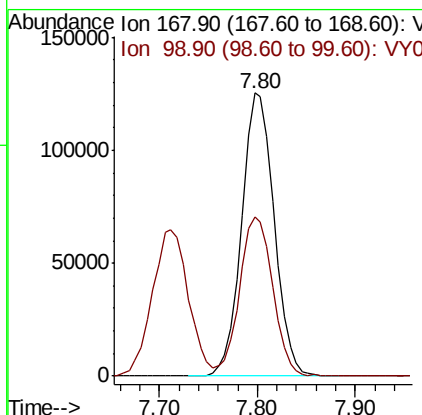
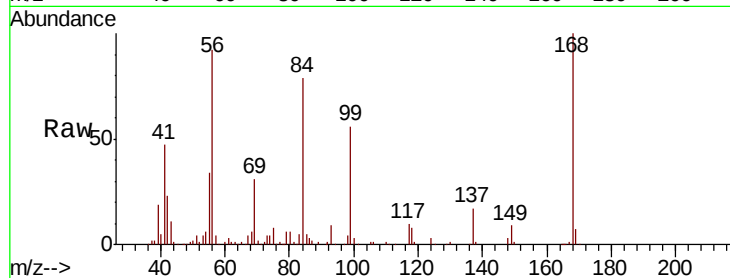




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

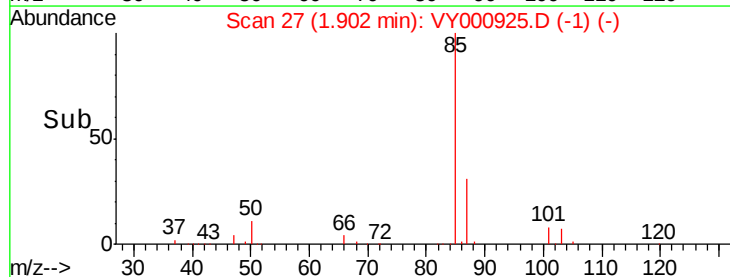
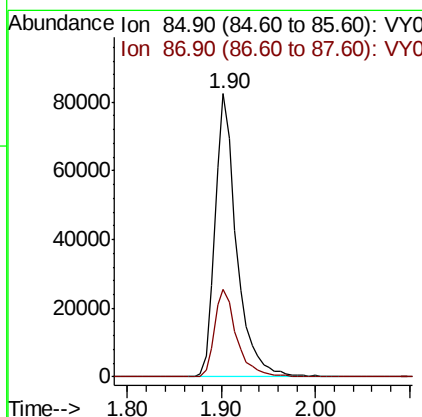
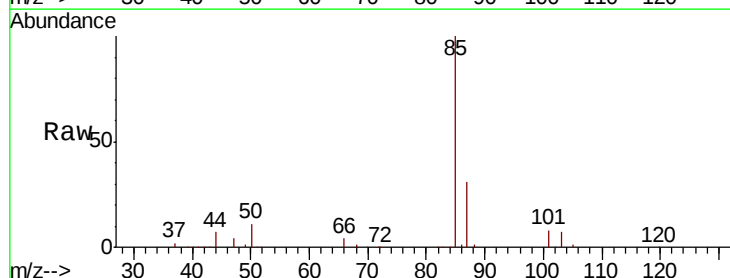
Instrument :
MSVOA_Y
ClientSampled :

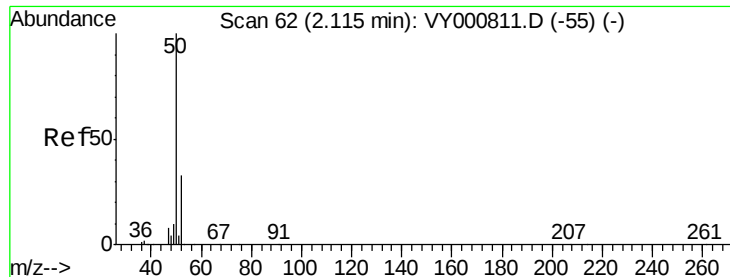
Tot Ion:168 Resp: 288787
Ion Ratio Lower Upper
168 100
99 56.2 45.0 67.6



#2
Dichlorodifluoromethane
Concen: 41.999 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 85 Resp: 130562
Ion Ratio Lower Upper
85 100
87 31.1 16.8 50.3





#3

Chloromethane

Concen: 45.355 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

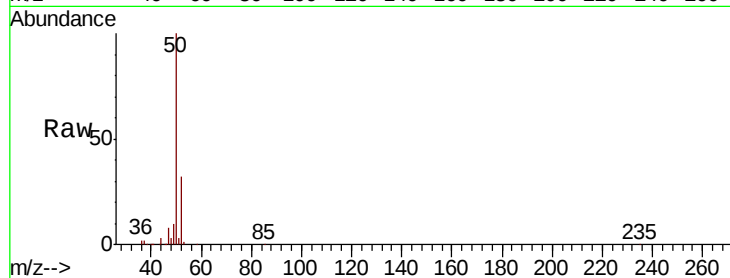
ClientSampleId :

Tot Ion: 50 Resp: 173800

Ion Ratio Lower Upper

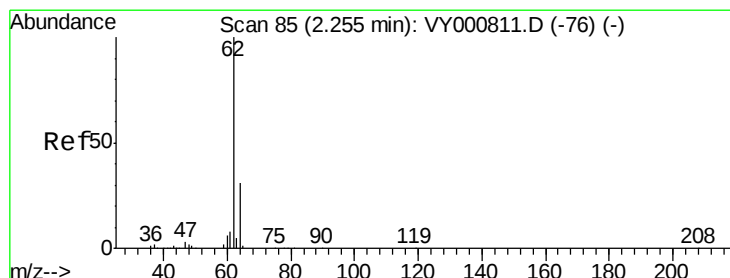
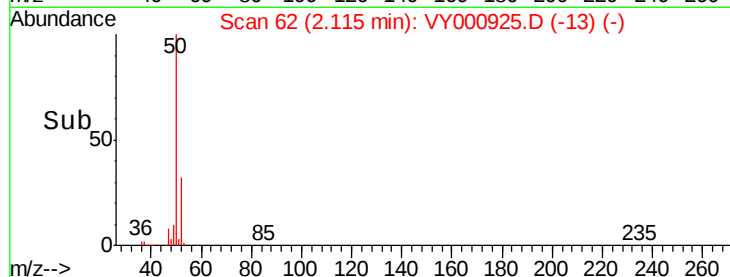
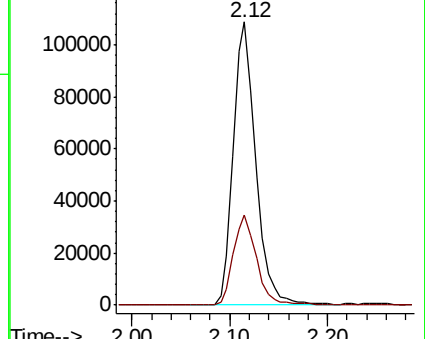
50 100

52 31.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY000925.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY000925.D (-13) (-)



#4

Vinyl Chloride

Concen: 46.556 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000925.D

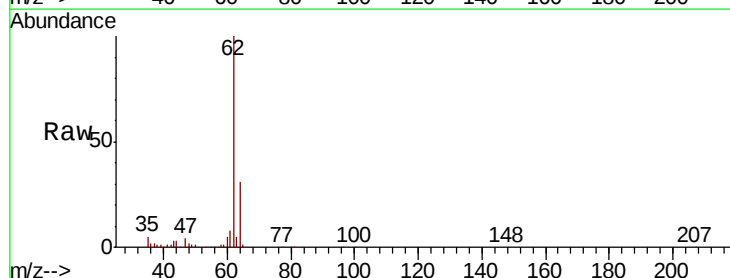
Acq: 09 Dec 2019 20:08

Tgt Ion: 62 Resp: 175824

Ion Ratio Lower Upper

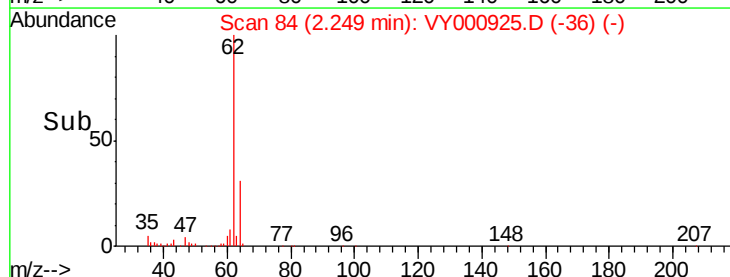
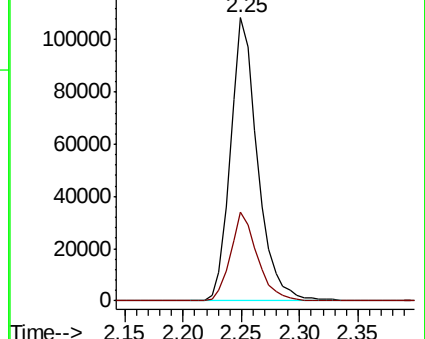
62 100

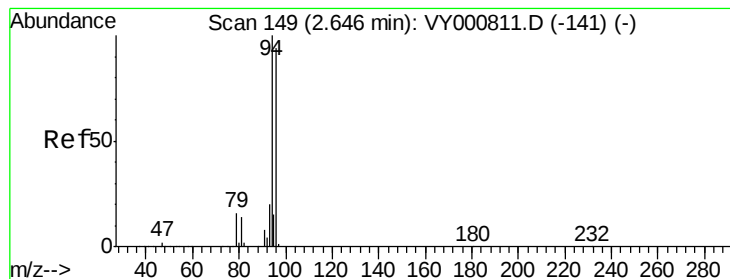
64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY000925.D (-36) (-)

Ion 63.90 (63.60 to 64.60): VY000925.D (-36) (-)





#5

Bromomethane

Concen: 50.968 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

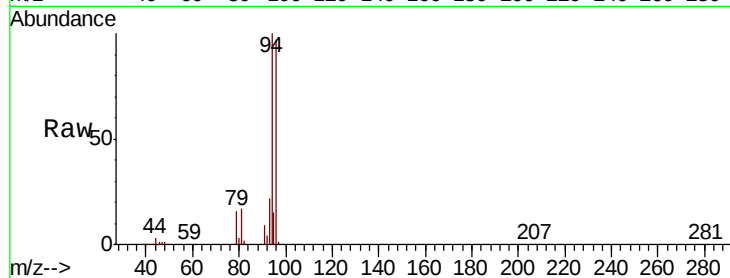
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 115567

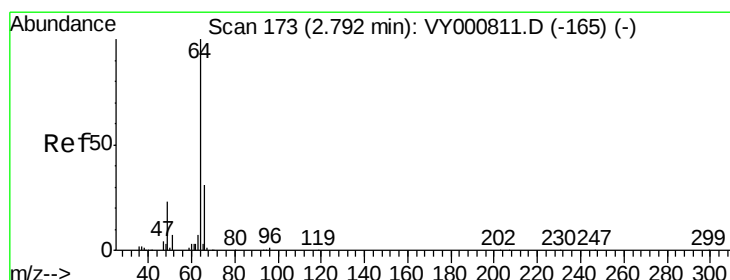
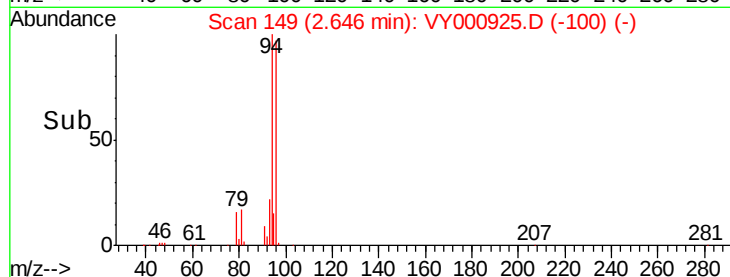
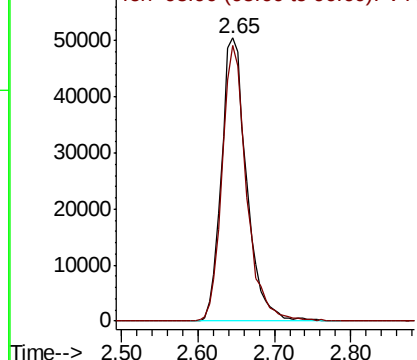
Ion Ratio Lower Upper

94 100

96 97.3 75.2 112.8



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



#6

Chloroethane

Concen: 49.001 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000925.D

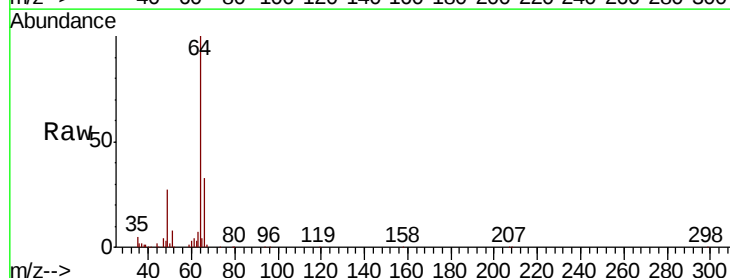
Acq: 09 Dec 2019 20:08

Tgt Ion: 64 Resp: 113462

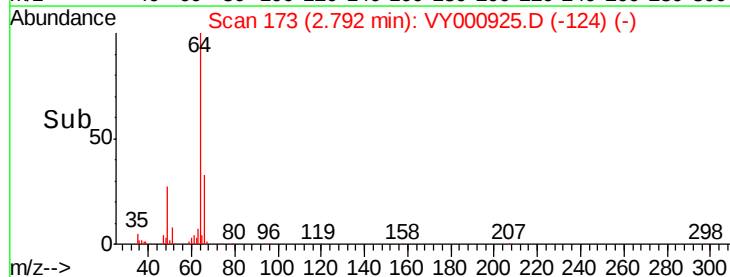
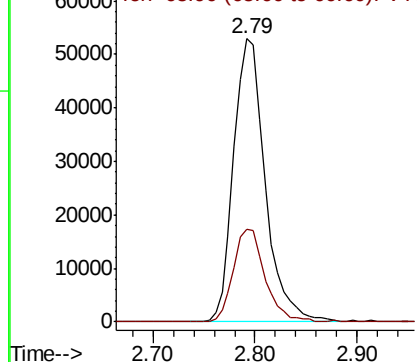
Ion Ratio Lower Upper

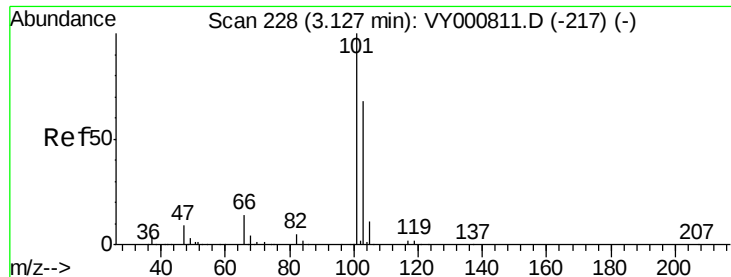
64 100

66 32.7 25.0 37.4



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



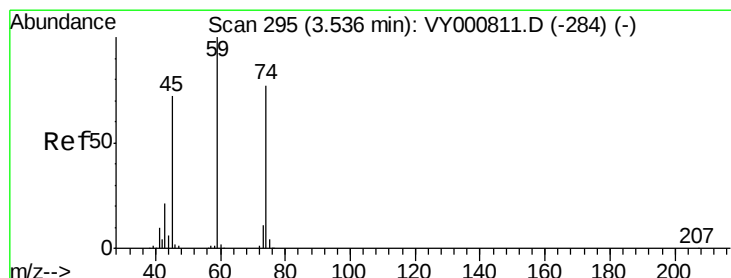
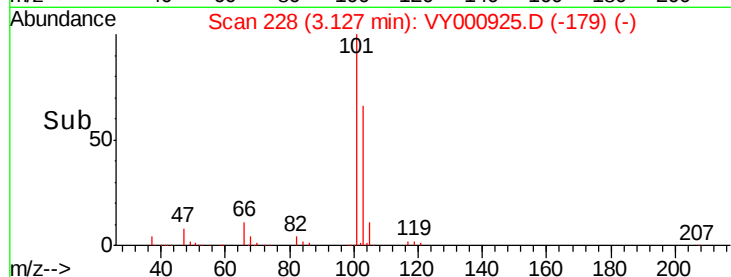
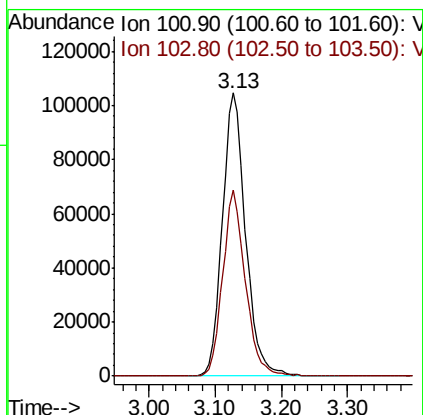
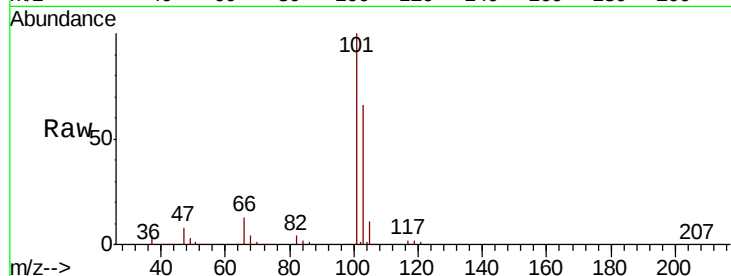


#7

Trichlorofluoromethane
 Concen: 49.101 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampled :

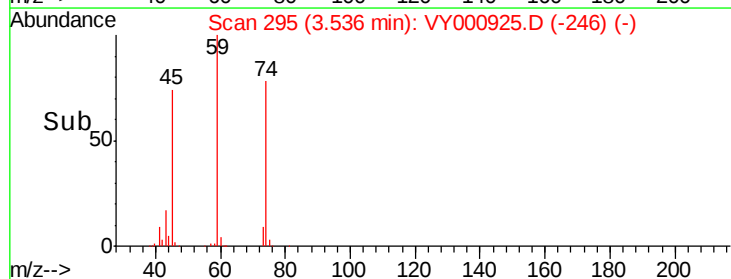
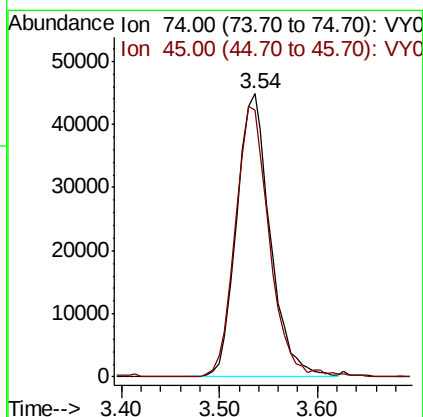
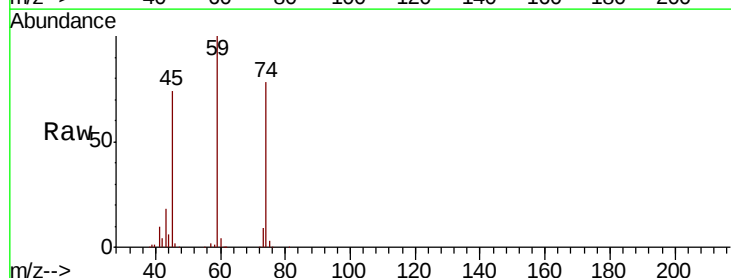
Tot Ion:101 Resp: 254130
 Ion Ratio Lower Upper
 101 100
 103 65.9 54.2 81.2

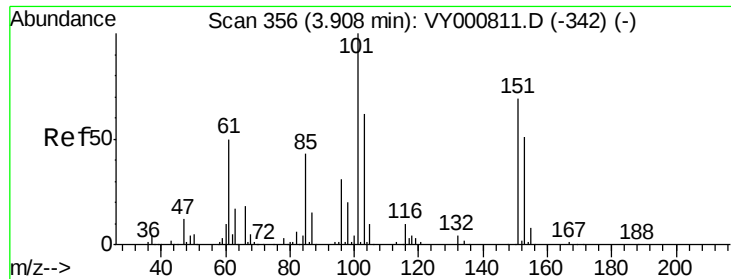


#8

Diethyl Ether
 Concen: 54.871 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 74 Resp: 106889
 Ion Ratio Lower Upper
 74 100
 45 97.5 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.964 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

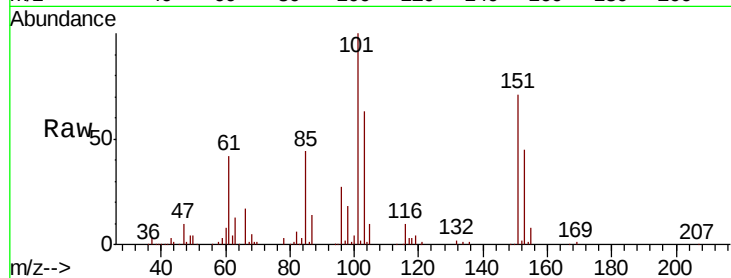
Tot Ion:101 Resp: 159696

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

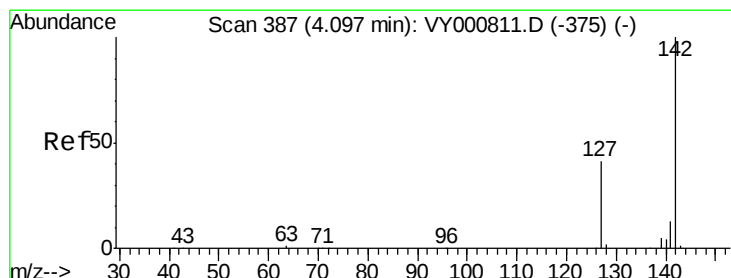
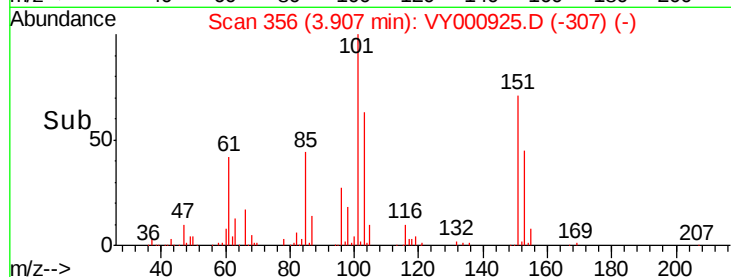
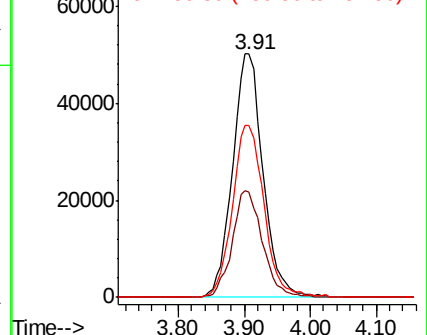
151 73.3 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.676 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

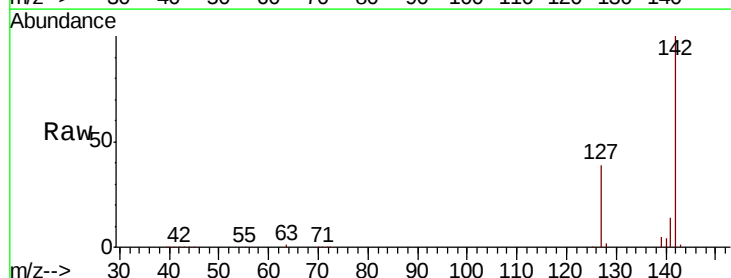
Tgt Ion:142 Resp: 207954

Ion Ratio Lower Upper

142 100

127 40.8 33.8 50.8

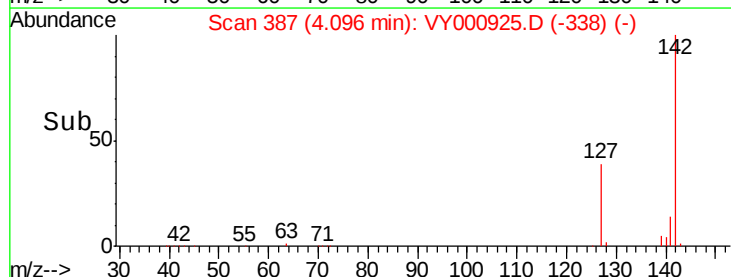
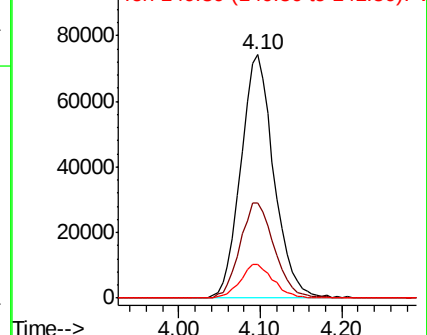
141 13.7 10.9 16.3

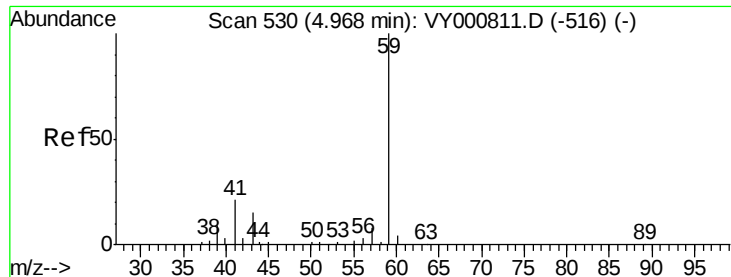


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



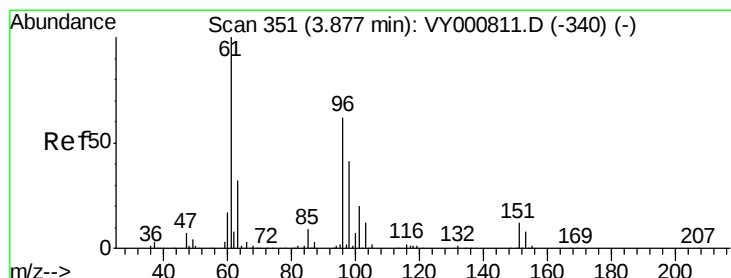
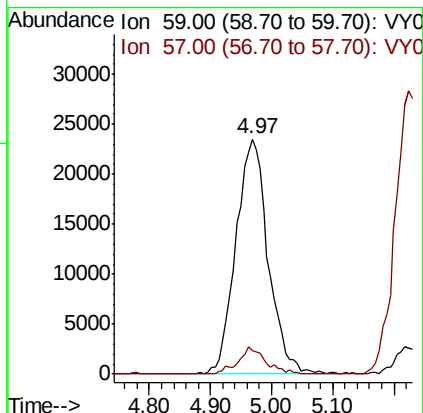
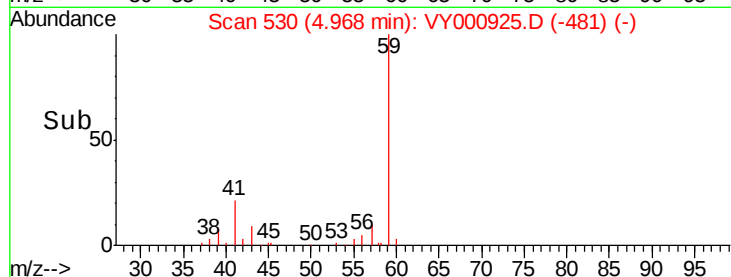
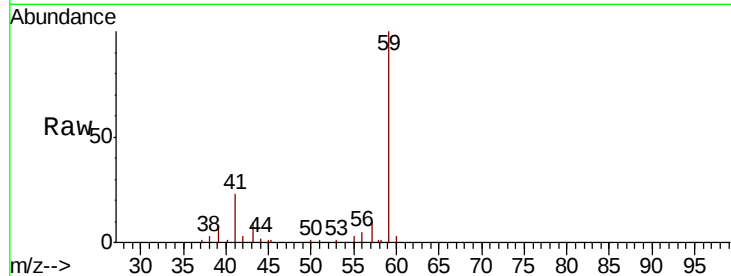


#11

Tert butyl alcohol
 Concen: 278.124 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :

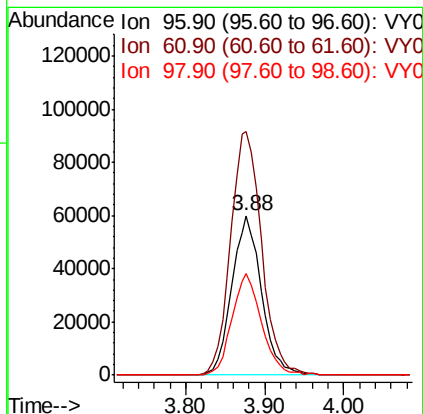
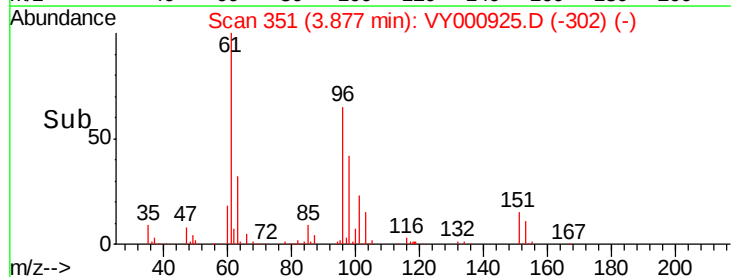
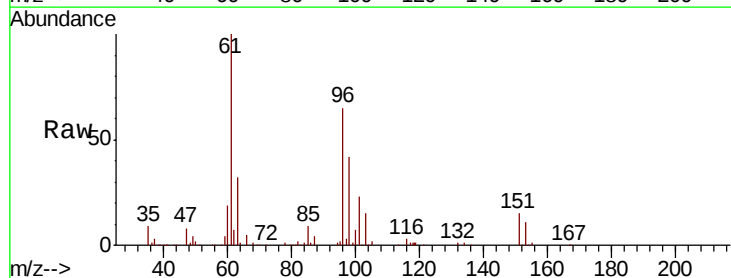
Tot Ion: 59 Resp: 85864
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

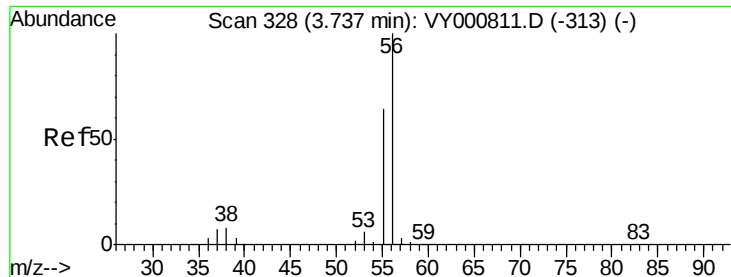


#12

1,1-Dichloroethene
 Concen: 49.465 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 96 Resp: 156626
 Ion Ratio Lower Upper
 96 100
 61 152.8 129.4 194.2
 98 64.0 53.4 80.0

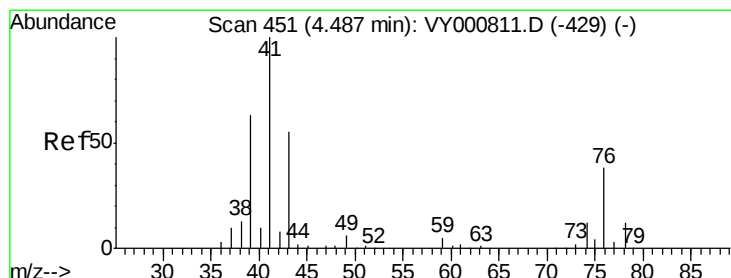
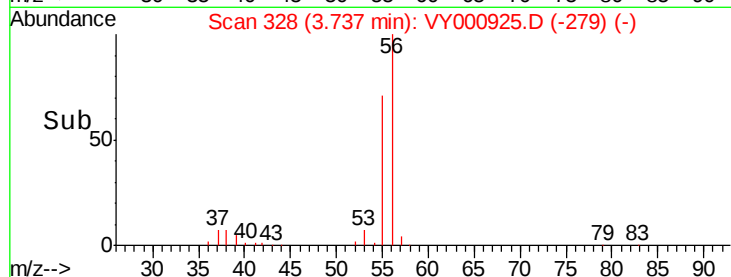
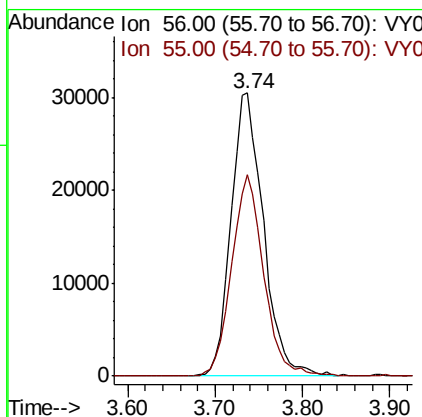
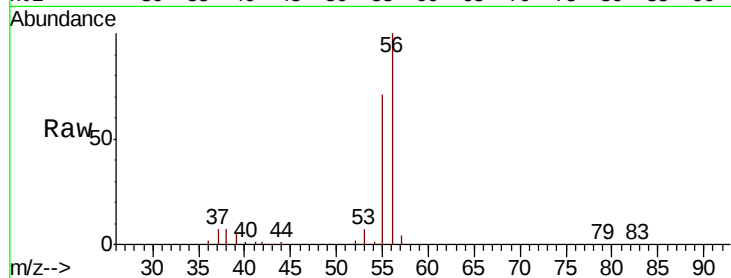




#13
Acrolein
Concen: 258.383 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

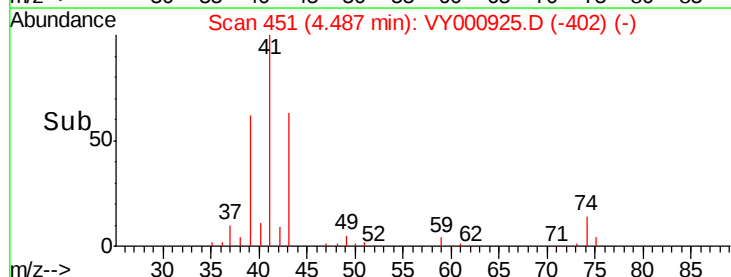
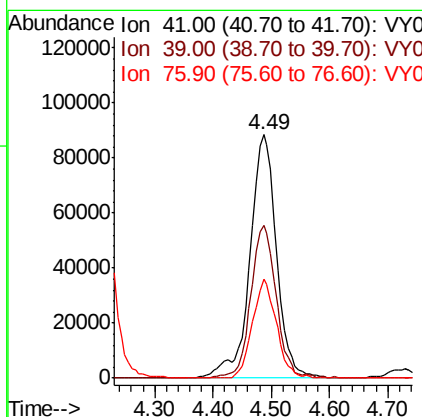
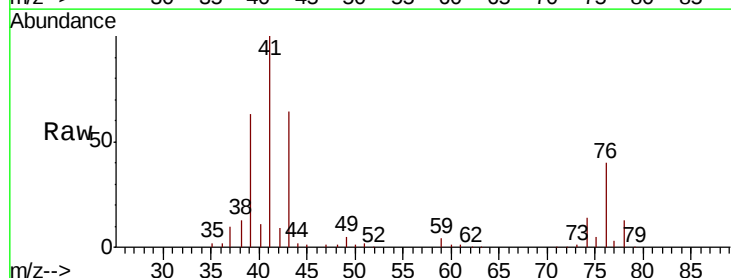
Instrument :
MSVOA_Y
ClientSampleId :

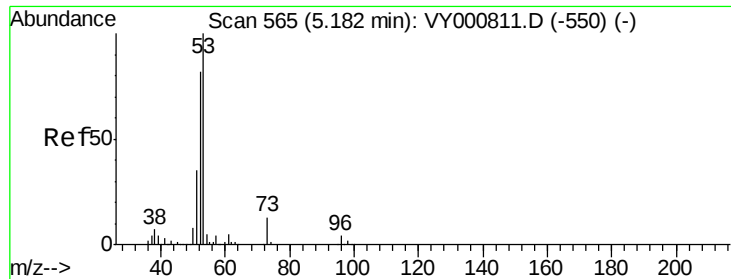
Tot Ion: 56 Resp: 78578
Ion Ratio Lower Upper
56 100
55 70.5 55.7 83.5



#14
Allyl chloride
Concen: 51.868 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 41 Resp: 281605
Ion Ratio Lower Upper
41 100
39 59.9 49.2 73.8
76 36.7 29.2 43.8





#15

Acrylonitrile

Concen: 280.176 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

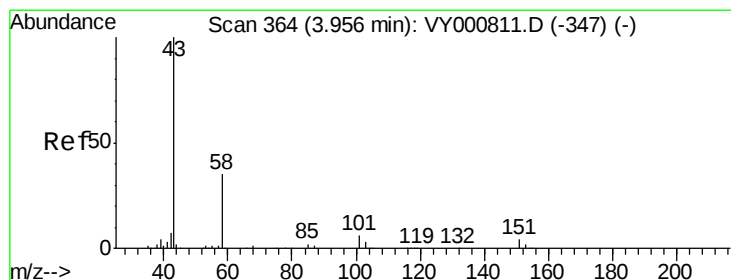
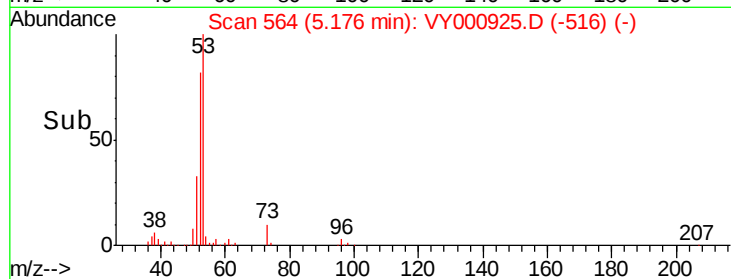
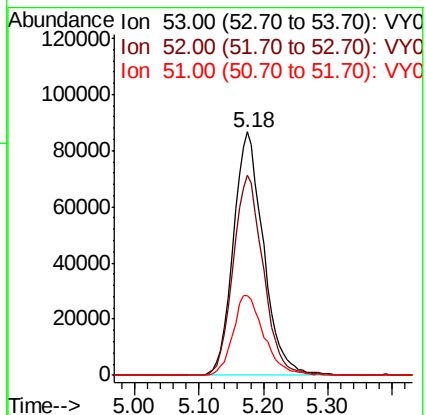
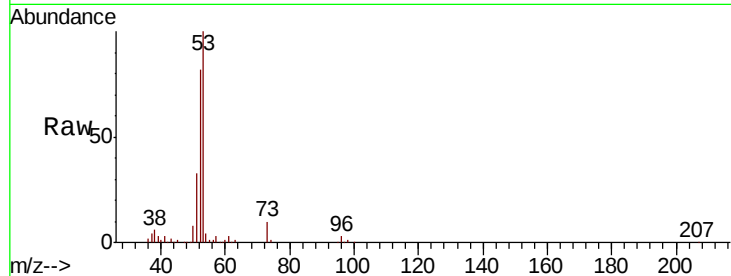
Tot Ion: 53 Resp: 281829

Ion Ratio Lower Upper

53 100

52 82.1 65.1 97.7

51 34.0 29.0 43.4



#16

Acetone

Concen: 279.157 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000925.D

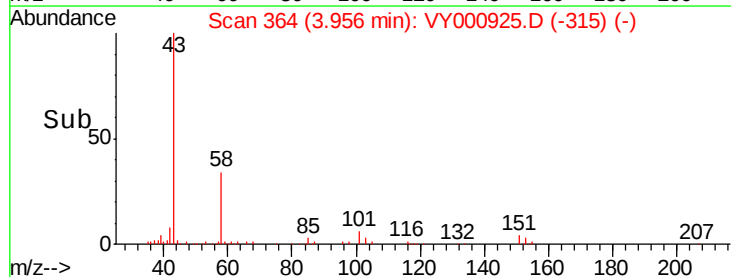
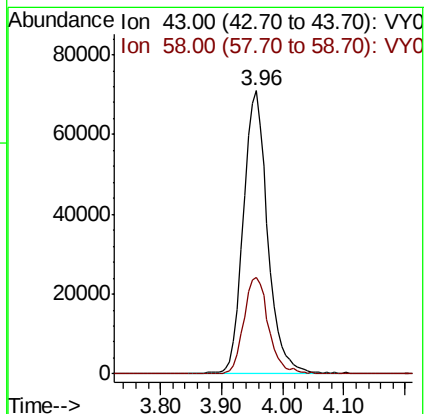
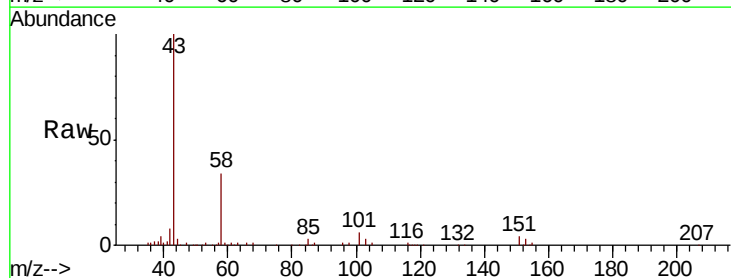
Acq: 09 Dec 2019 20:08

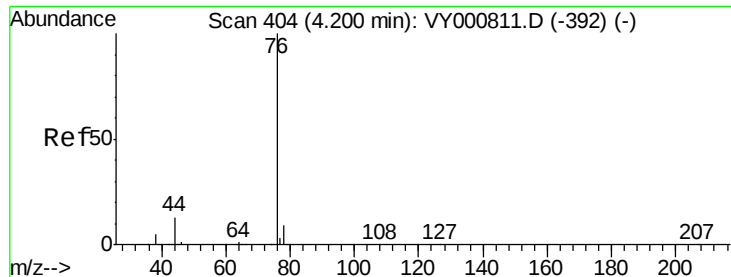
Tgt Ion: 43 Resp: 196508

Ion Ratio Lower Upper

43 100

58 34.2 28.0 42.0

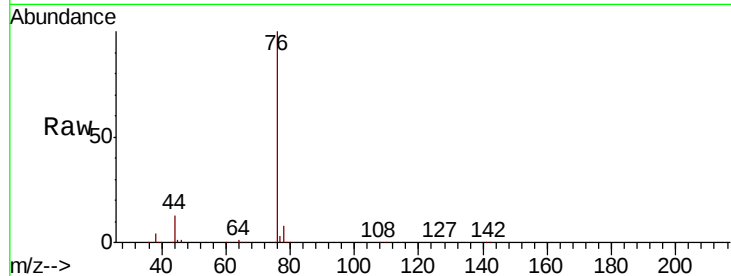




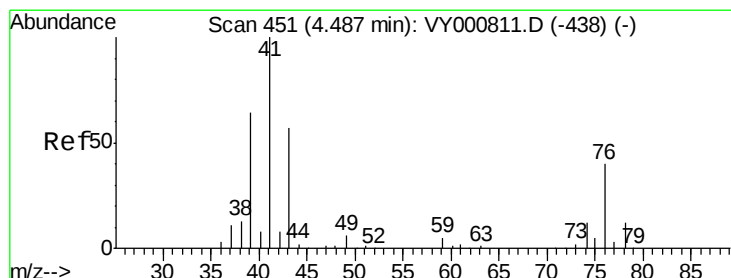
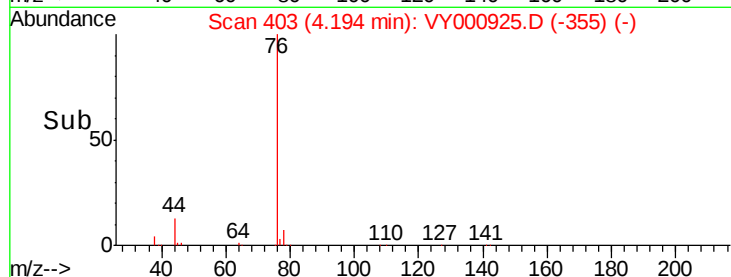
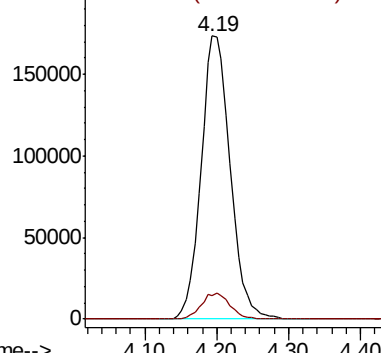
#17
Carbon Disulfide
Concen: 47.564 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 487095
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9

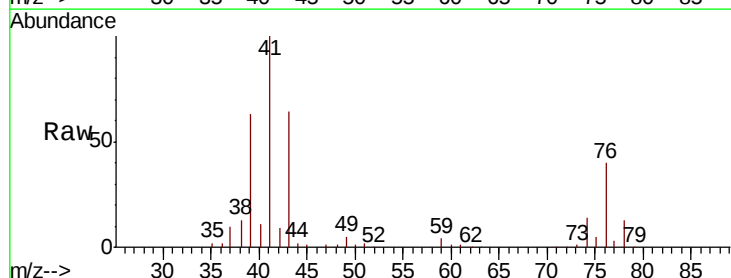


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

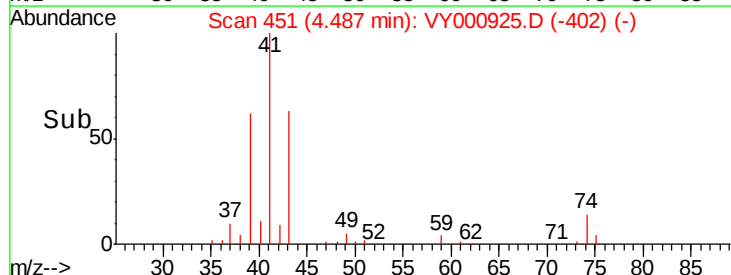
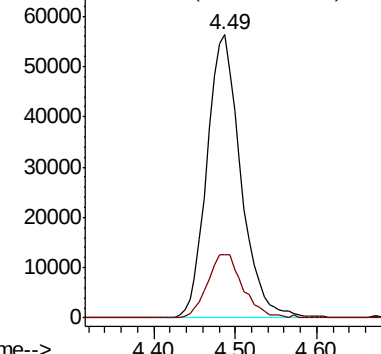


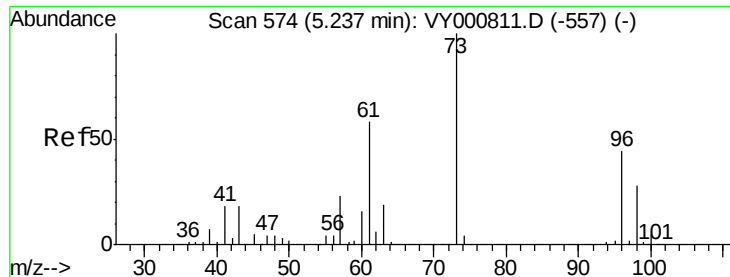
#18
Methyl Acetate
Concen: 55.042 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 43 Resp: 162008
Ion Ratio Lower Upper
43 100
74 23.5 18.5 27.7



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

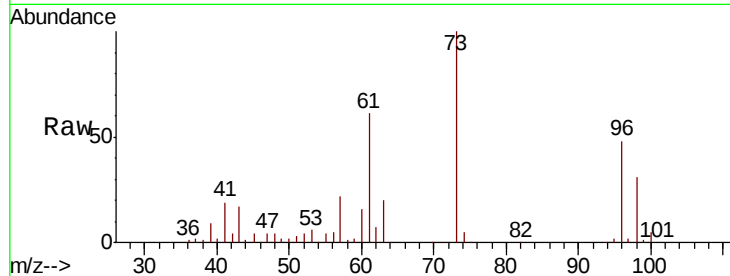




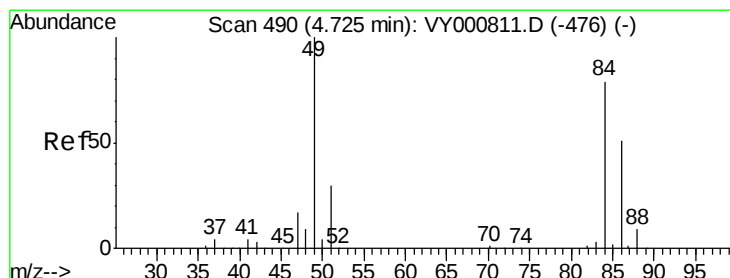
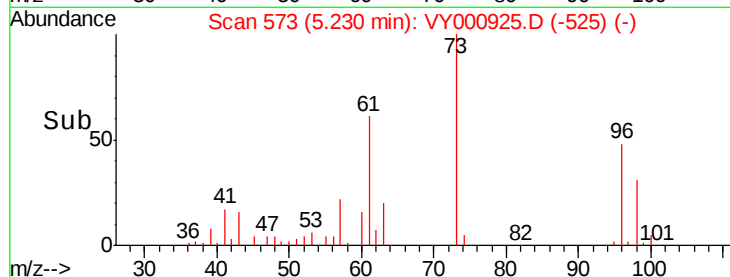
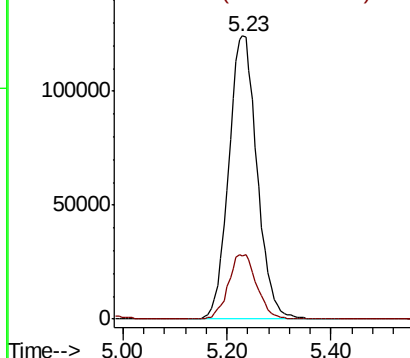
#19
Methvl tert-butvl Ether
Concen: 55.778 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 471679
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4

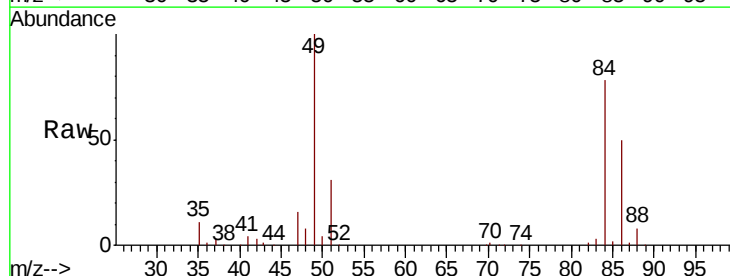


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

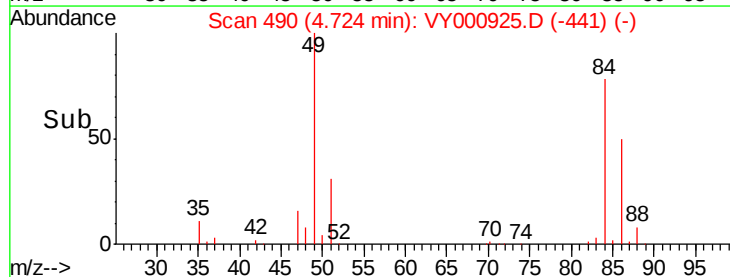
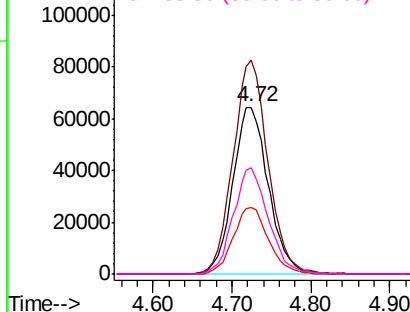


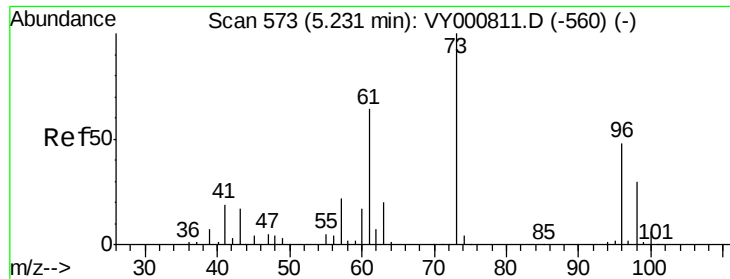
#20
Methylene Chloride
Concen: 54.104 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 84 Resp: 200758
Ion Ratio Lower Upper
84 100
49 128.3 101.3 151.9
51 39.9 30.6 45.8
86 64.0 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 51.121 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampled :

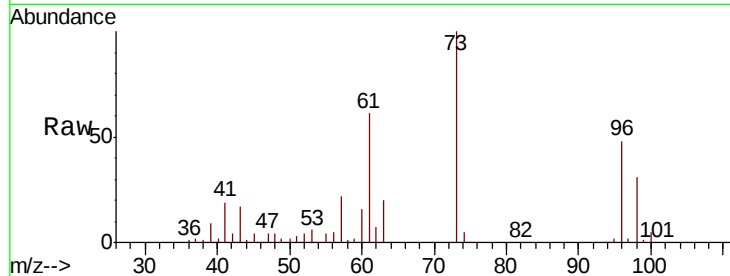
Tot Ion: 96 Resp: 183983

Ion Ratio Lower Upper

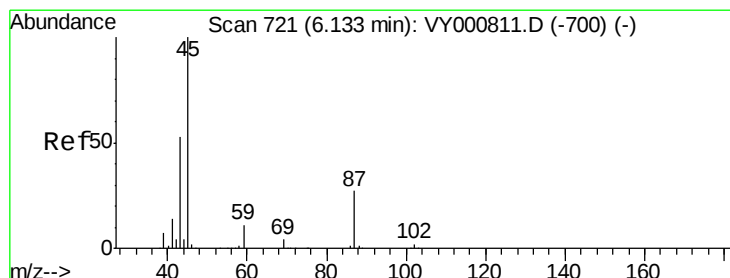
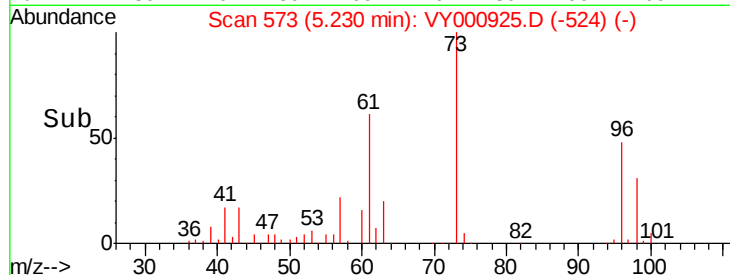
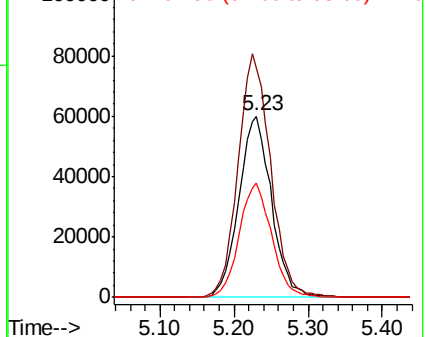
96 100

61 126.4 105.9 158.9

98 63.2 49.4 74.2



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



#22

Diisopropyl ether

Concen: 55.122 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion: 45 Resp: 615095

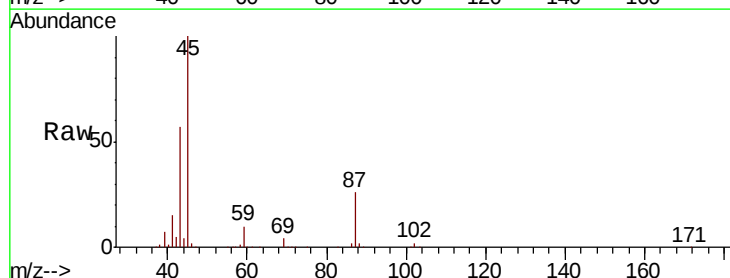
Ion Ratio Lower Upper

45 100

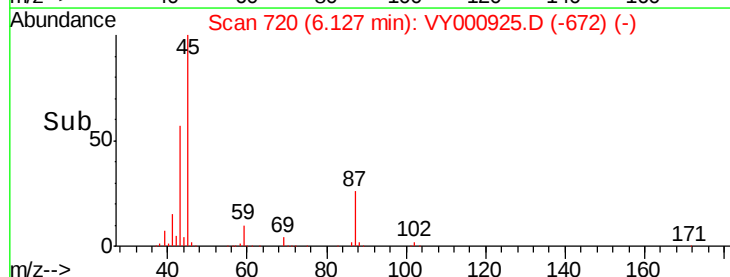
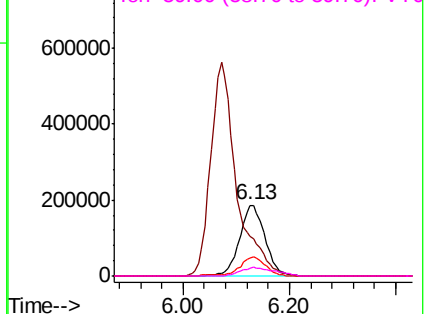
43 56.7 42.7 64.1

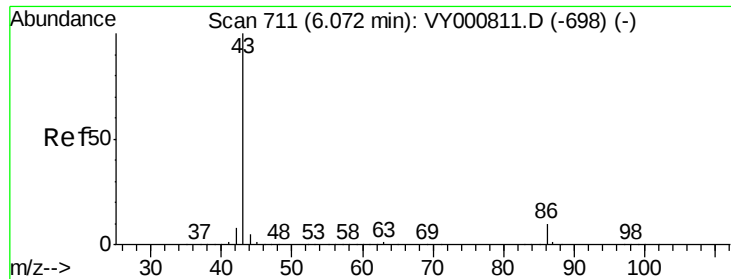
87 26.0 22.0 33.0

59 10.0 8.9 13.3



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

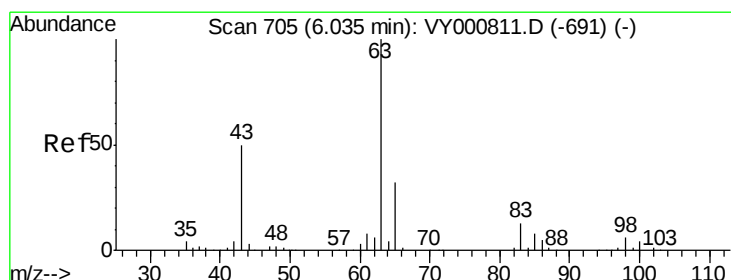
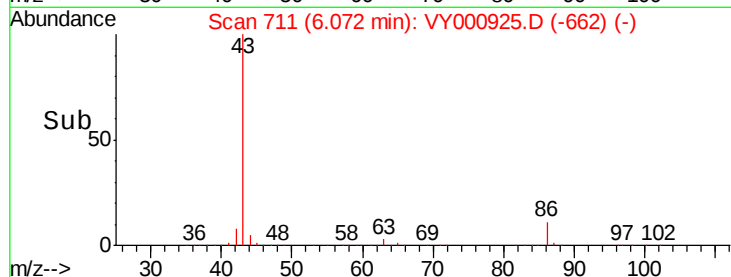
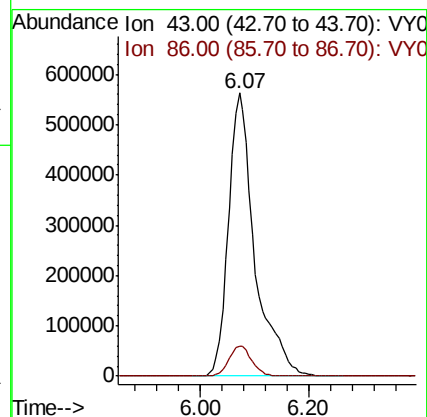
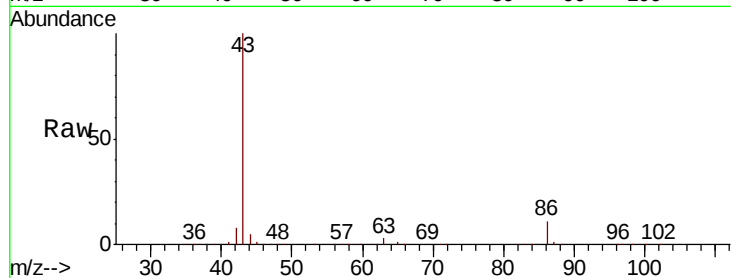




#23
 Vinyl Acetate
 Concen: 278.585 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

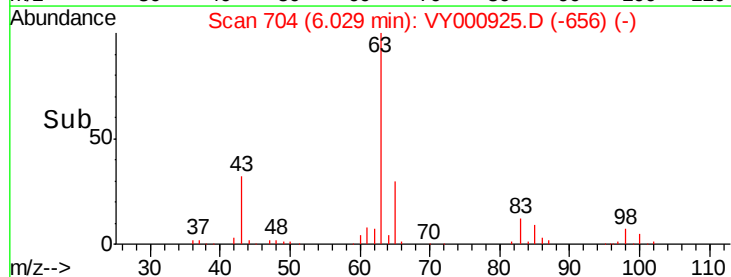
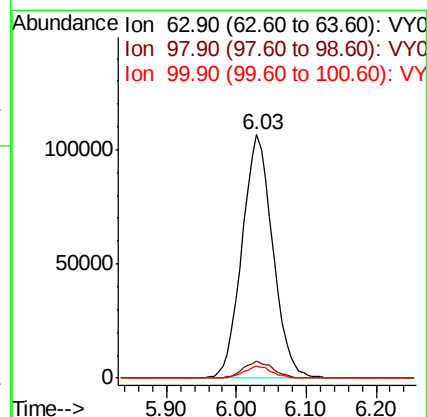
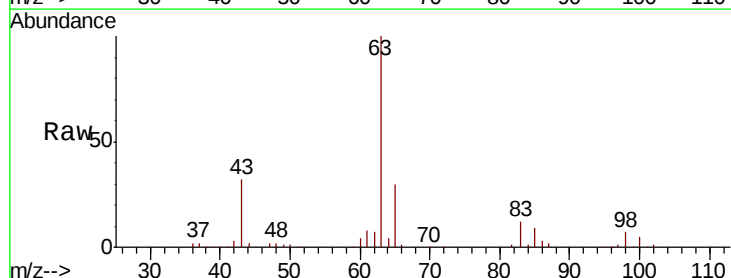
Instrument :
 MSVOA_Y
 ClientSampled :

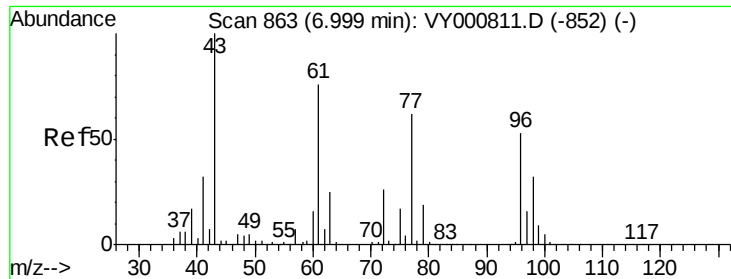
Tot Ion: 43 Resp: 1889880
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 52.912 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 63 Resp: 325425
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 5.1 2.2 6.6





#25

2-Butanone

Concen: 273.510 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

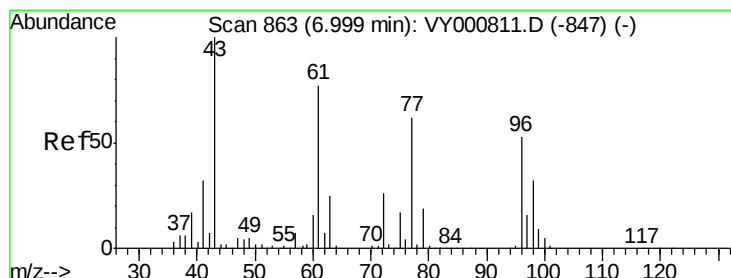
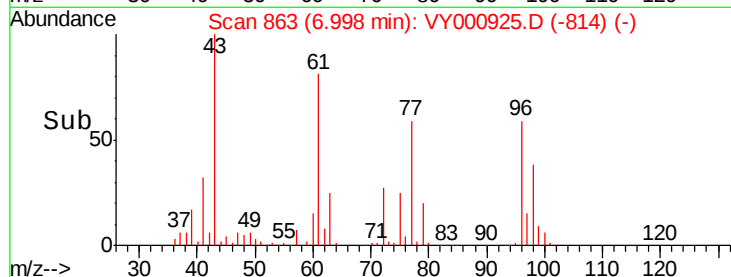
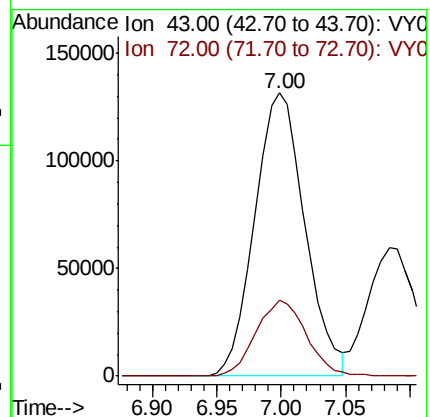
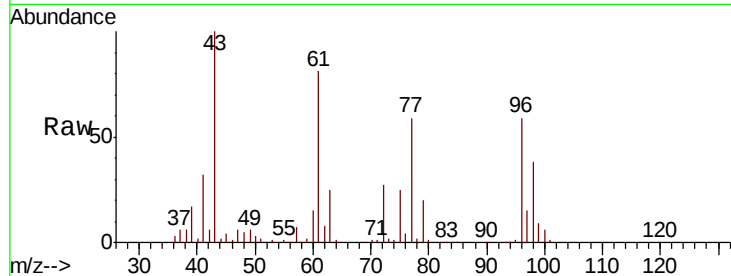
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 355660

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 47.974 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000925.D

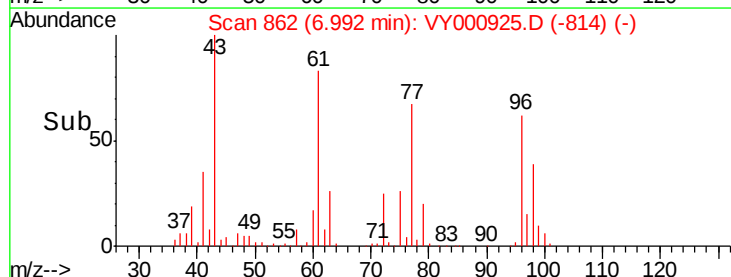
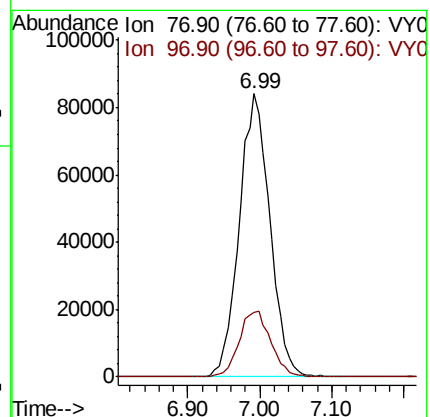
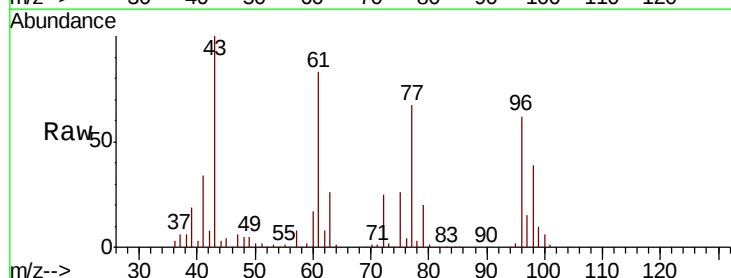
Acq: 09 Dec 2019 20:08

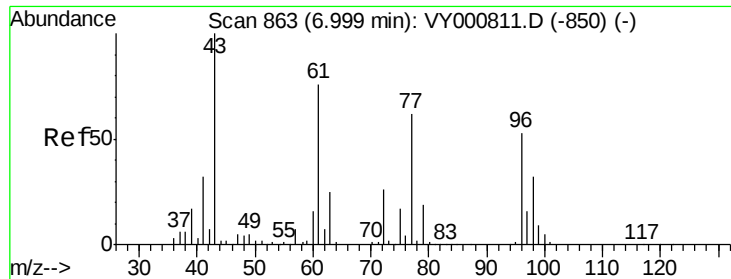
Tgt Ion: 77 Resp: 248333

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9

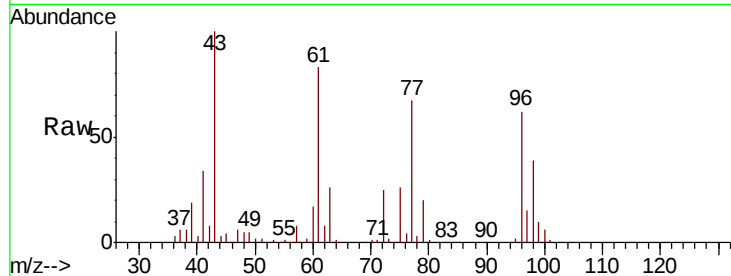




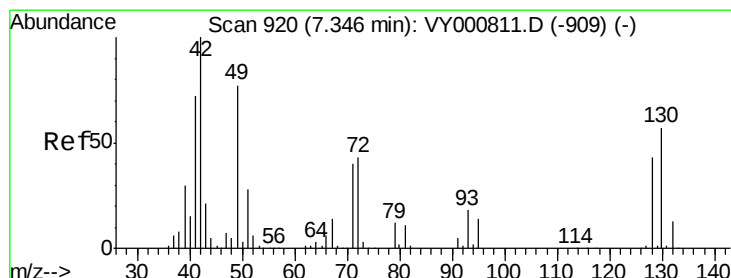
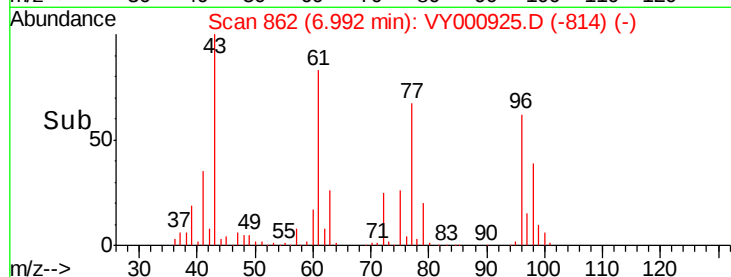
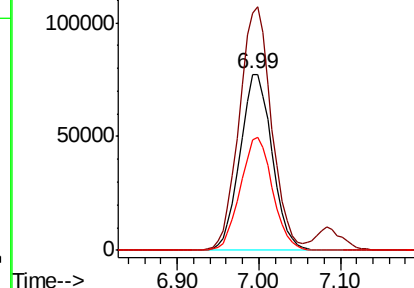
#27
 cis-1,2-Dichloroethene
 Concen: 54.313 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 211293
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 285.0
 98 64.3 0.0 128.0

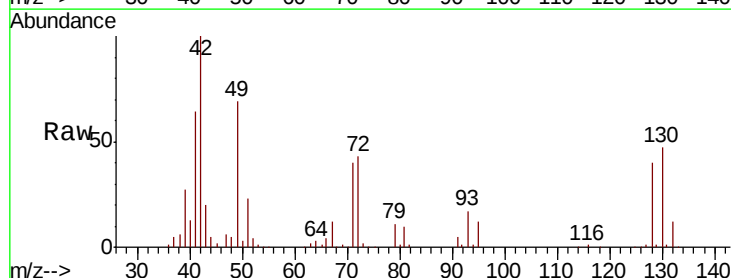


Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0

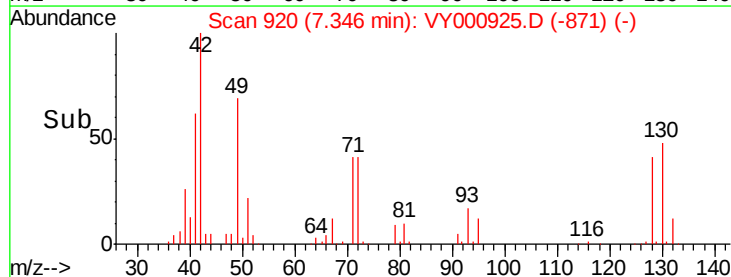
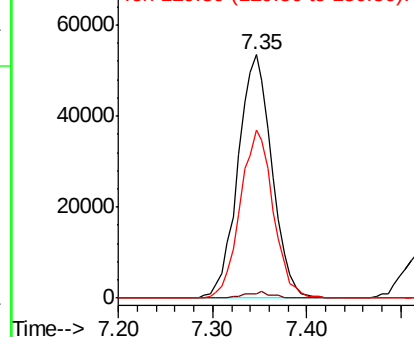


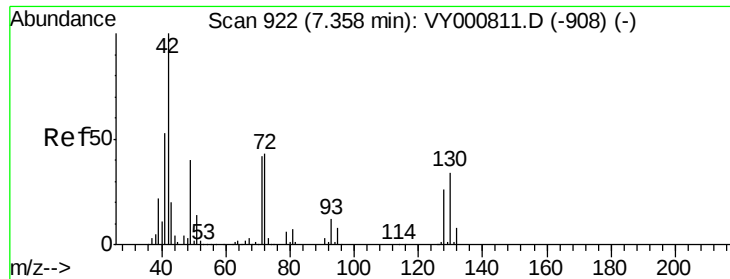
#28
 Bromochloromethane
 Concen: 58.992 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 49 Resp: 133879
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 67.4 58.7 88.1



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

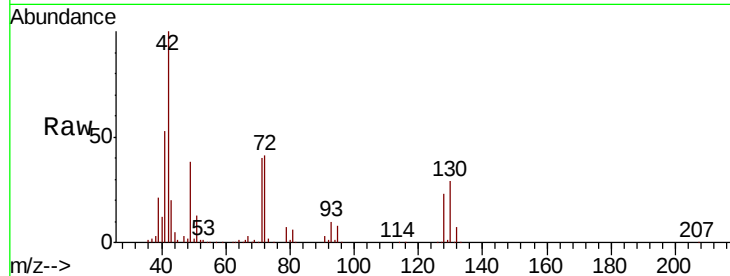




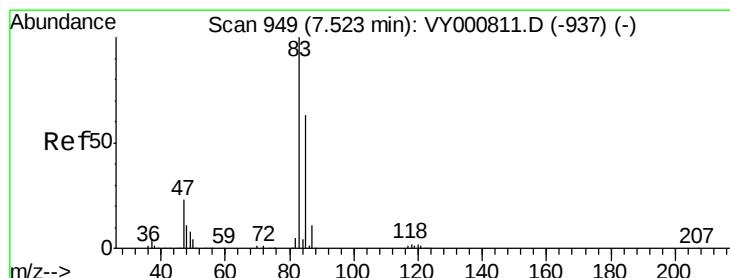
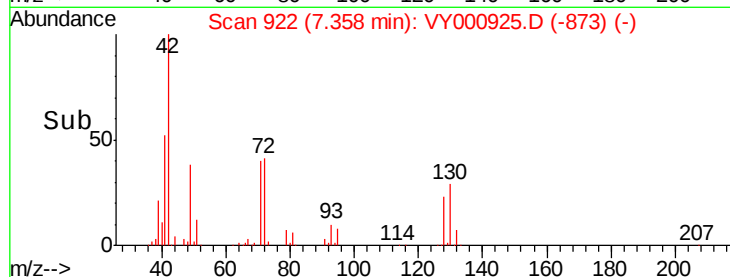
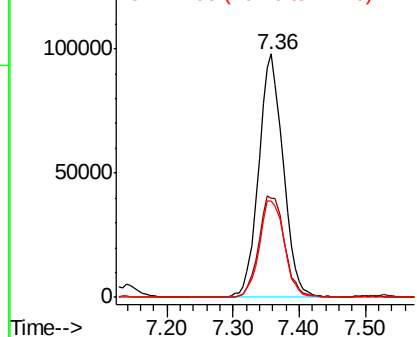
#29
Tetrahydrofuran
Concen: 292.924 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 252408
Ion Ratio Lower Upper
42 100
72 43.7 35.1 52.7
71 40.8 32.8 49.2

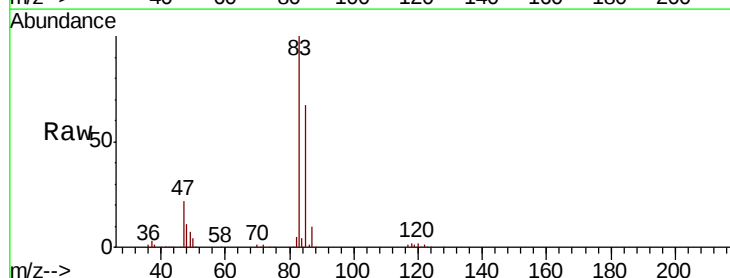


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

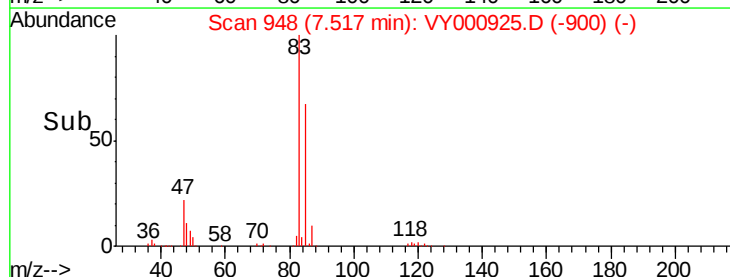
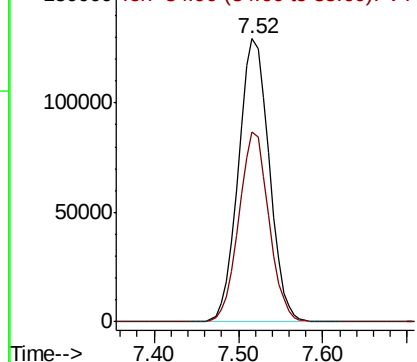


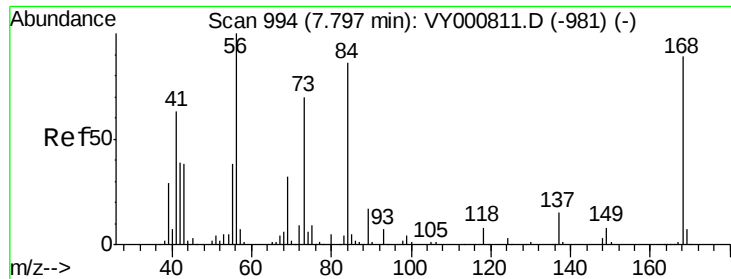
#30
Chloroform
Concen: 51.562 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 83 Resp: 318126
Ion Ratio Lower Upper
83 100
85 66.9 50.4 75.6



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

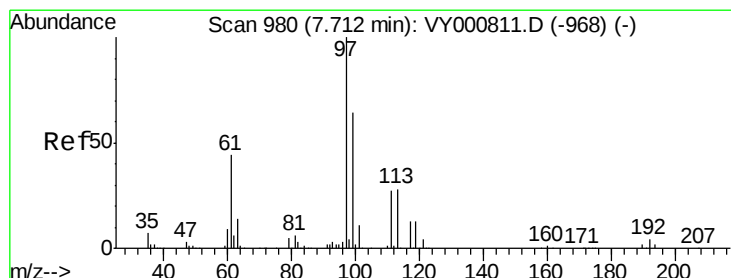
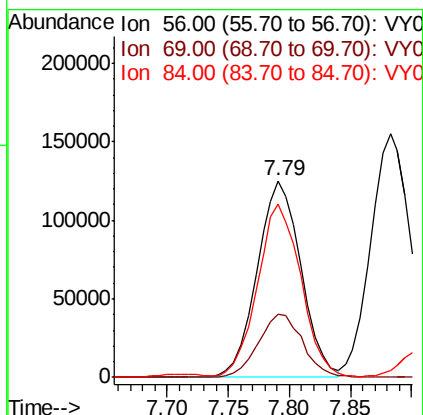
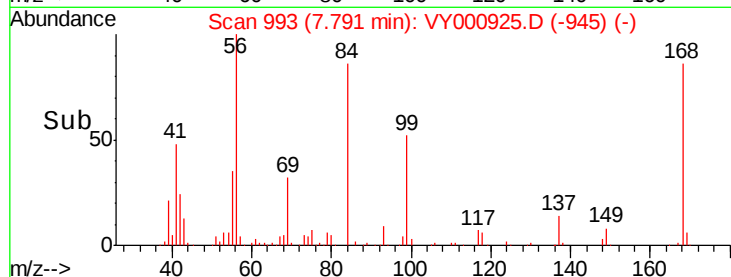
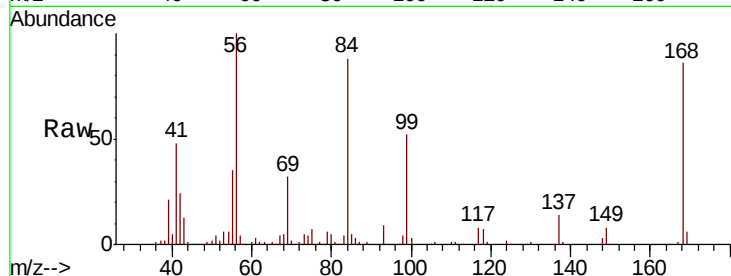




#31
Cyclohexane
Concen: 47.822 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

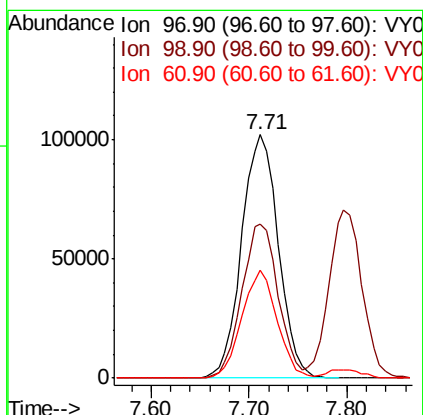
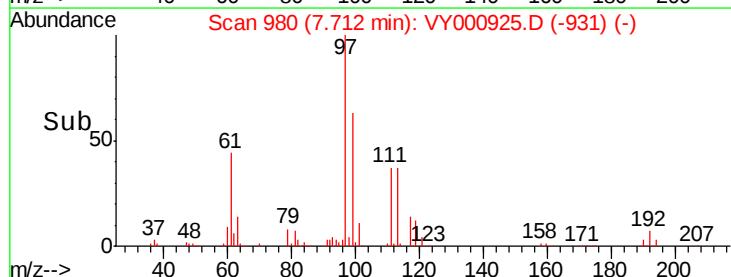
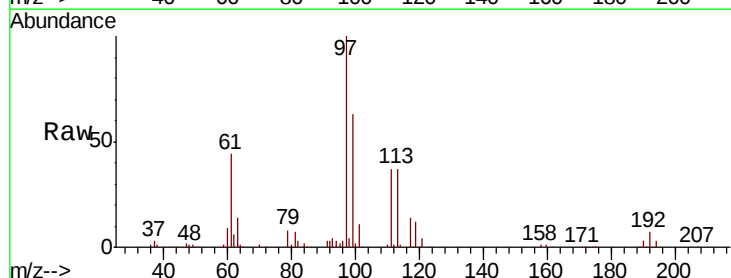
Instrument :
MSVOA_Y
ClientSampleId :

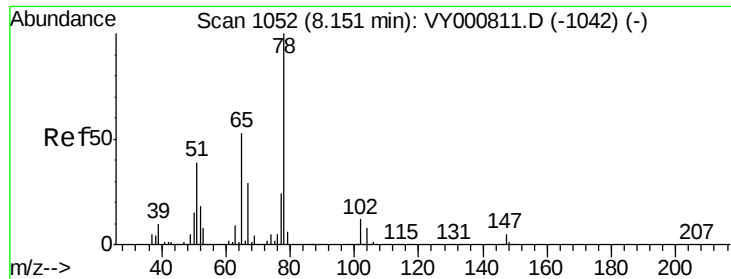
Tot Ion: 56 Resp: 311575
Ion Ratio Lower Upper
56 100
69 32.0 25.9 38.9
84 86.5 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 52.160 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 97 Resp: 265740
Ion Ratio Lower Upper
97 100
99 62.6 51.7 77.5
61 42.5 35.0 52.6

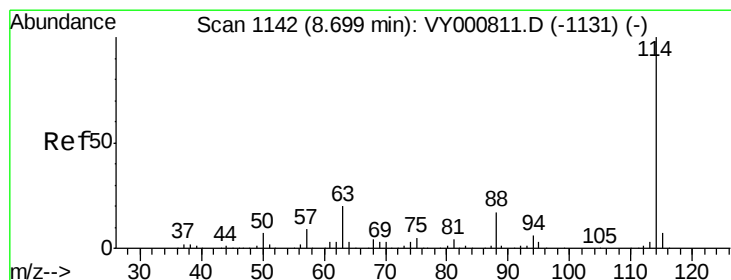
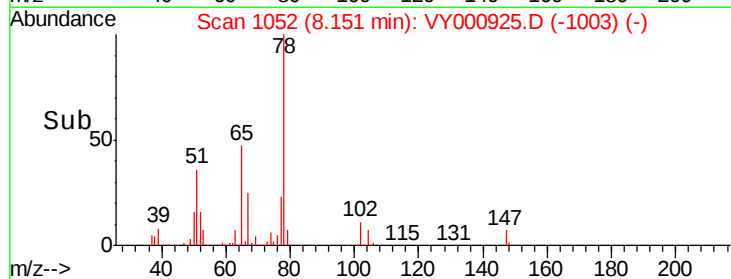
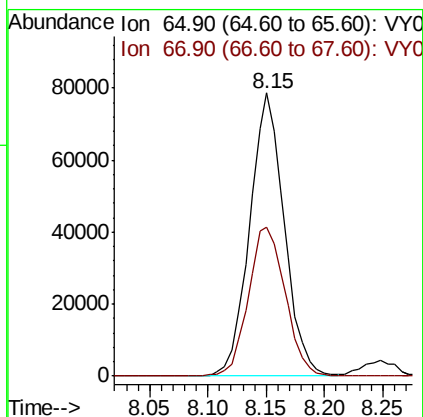
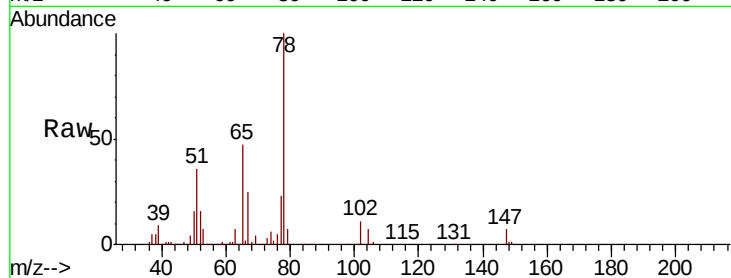




#33
 1,2-Dichloroethane-d4
 Concen: 52.987 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

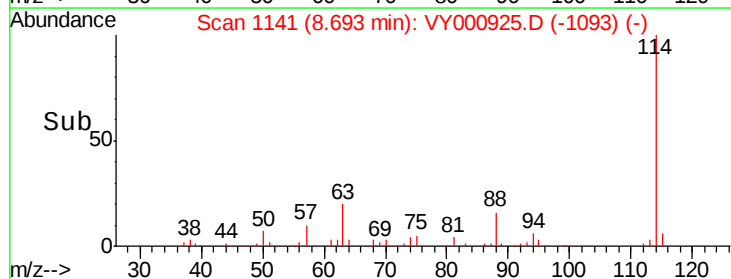
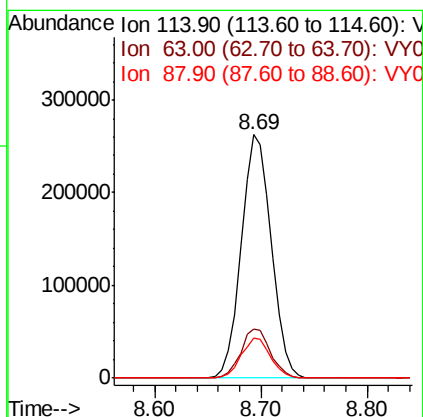
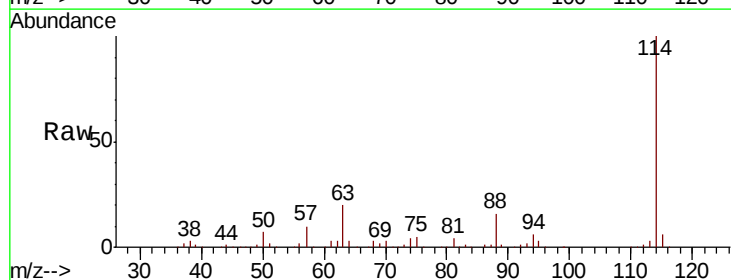
Instrument :
 MSVOA_Y
 ClientSampleId :

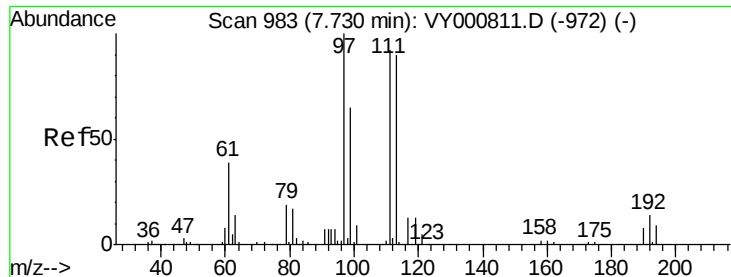
Tot Ion: 65 Resp: 162597
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 114 Resp: 519099
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 16.4 0.0 33.2

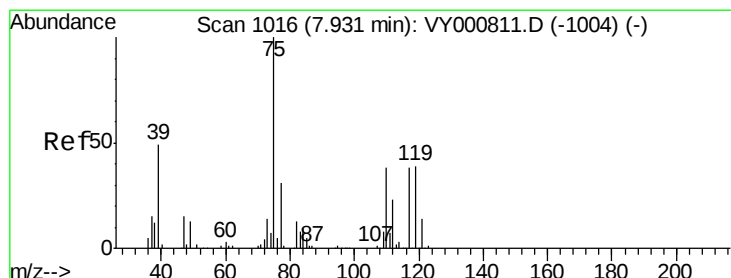
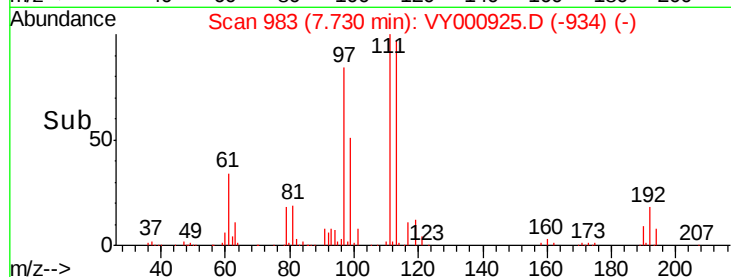
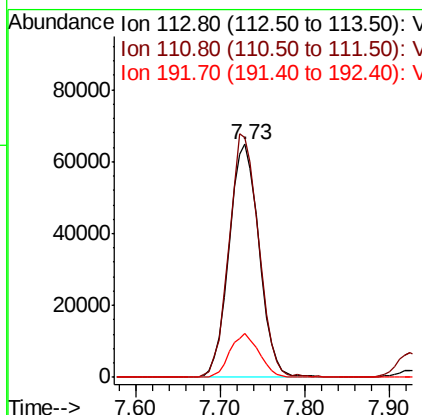
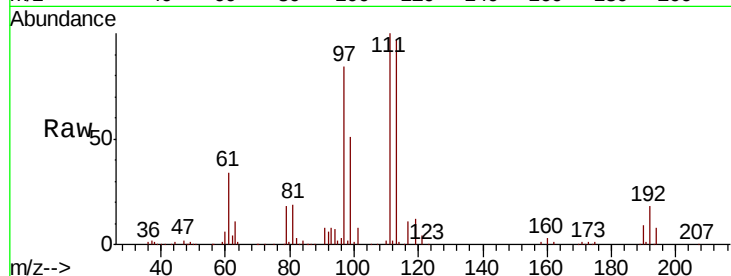




#35
 Dibromofluoromethane
 Concen: 51.797 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

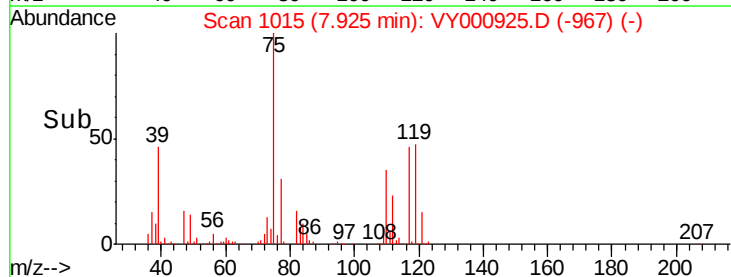
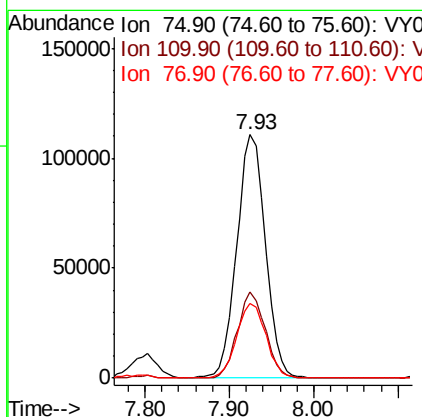
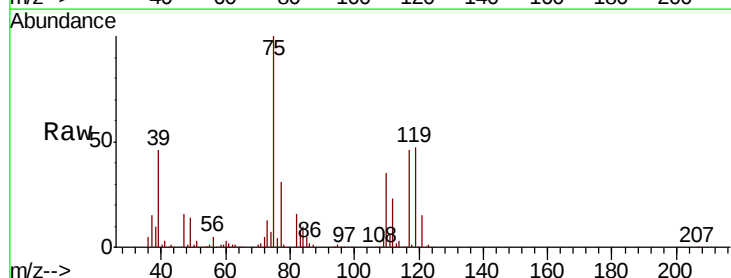
Instrument :
 MSVOA_Y
 ClientSampleId :

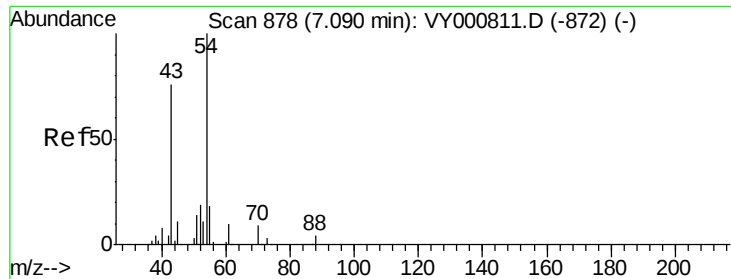
Tot Ion:113 Resp: 156702
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 18.2 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 49.125 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 75 Resp: 253555
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.9 53.7
 77 31.3 24.7 37.1

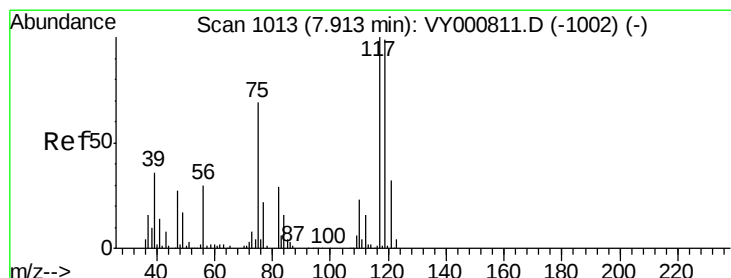
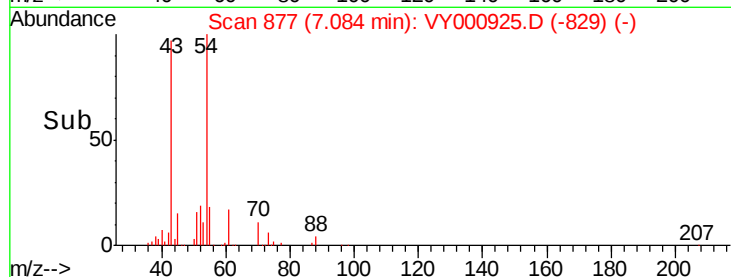
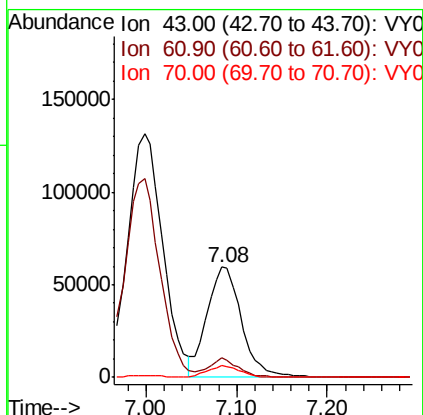
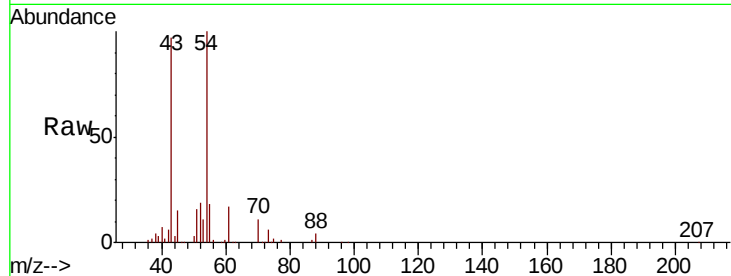




#37
Ethyl Acetate
Concen: 53.237 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

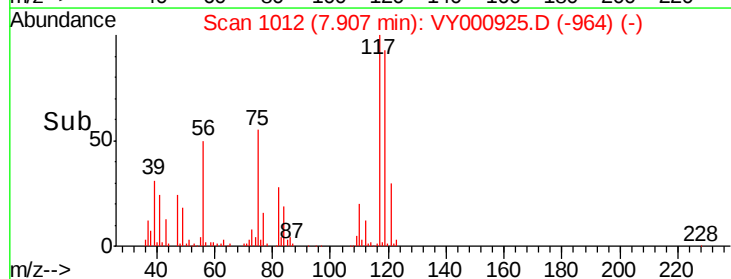
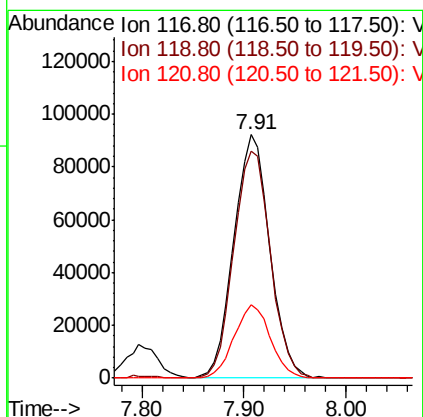
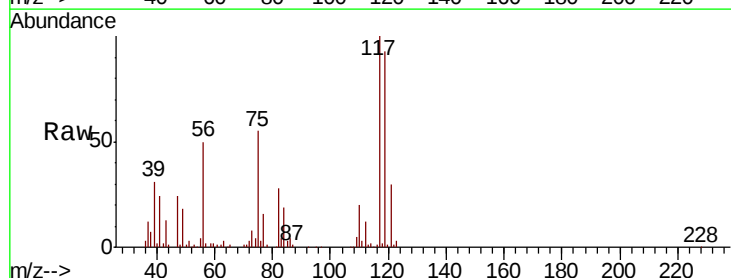
Instrument :
MSVOA_Y
ClientSampled :

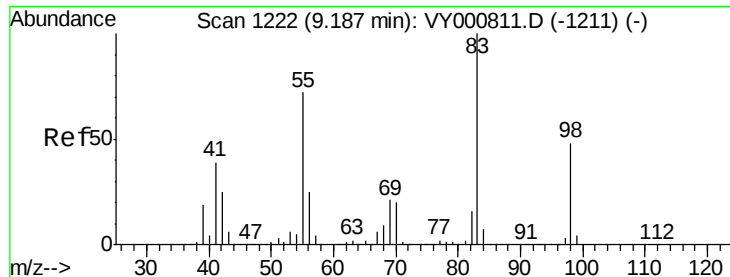
Tot Ion: 43 Resp: 158659
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.8
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.105 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 117 Resp: 225716
Ion Ratio Lower Upper
117 100
119 93.2 79.3 118.9
121 29.9 25.5 38.3

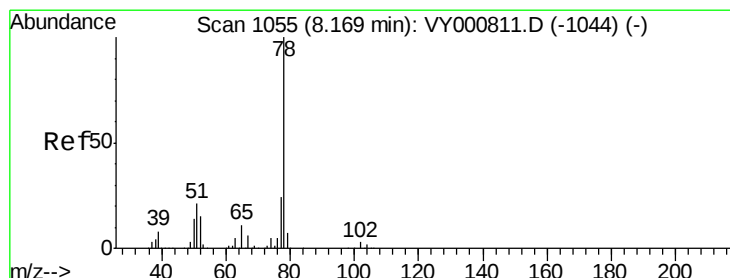
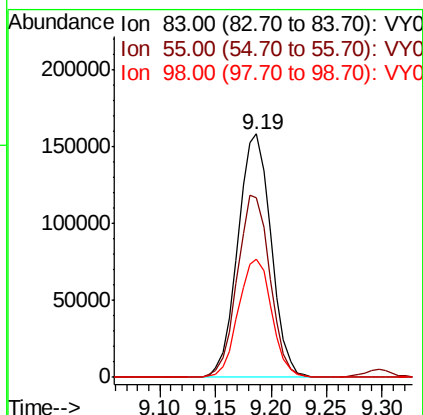
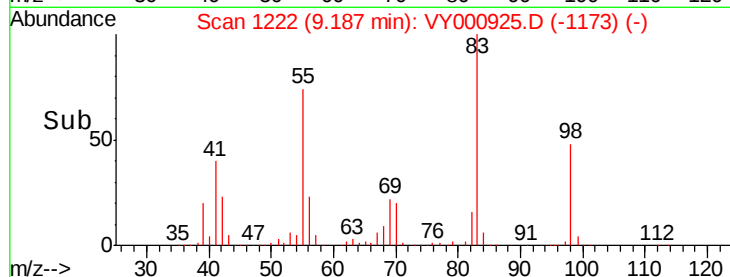
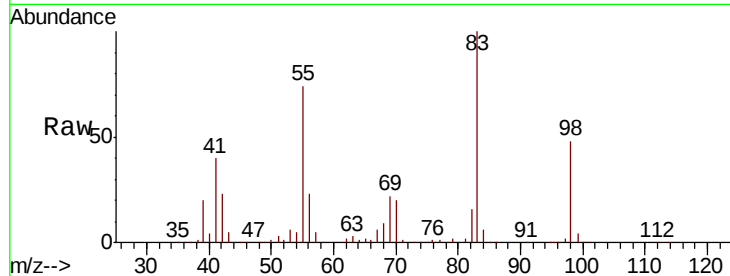




#39
Methvlcvclohexane
Concen: 47.815 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

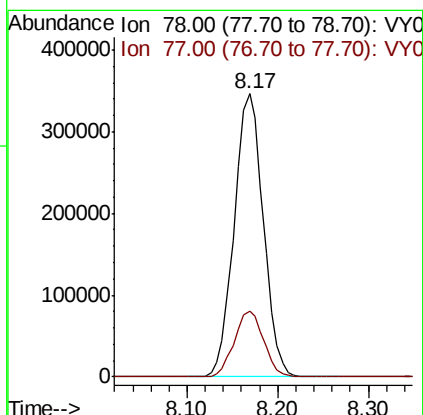
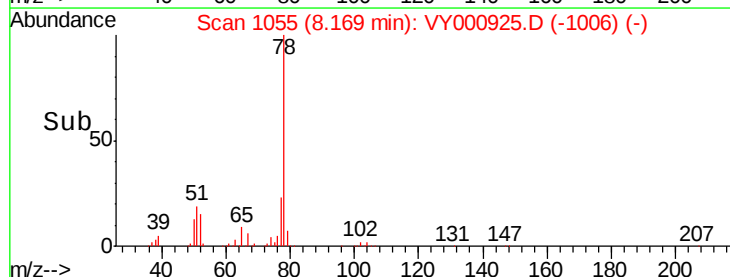
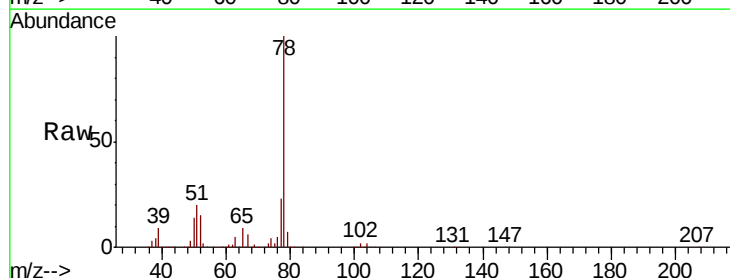
Instrument :
MSVOA_Y
ClientSampleId :

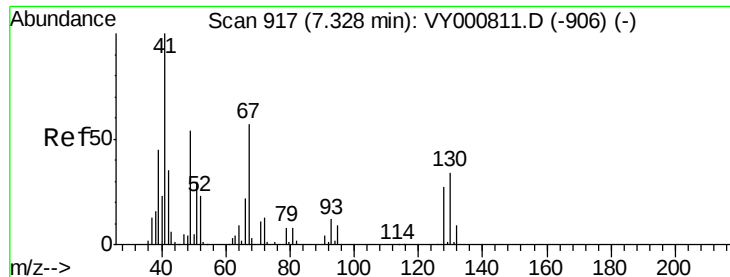
Tot Ion: 83 Resp: 326974
Ion Ratio Lower Upper
83 100
55 74.0 57.8 86.6
98 48.5 38.6 58.0



#40
Benzene
Concen: 51.350 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 78 Resp: 772007
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8

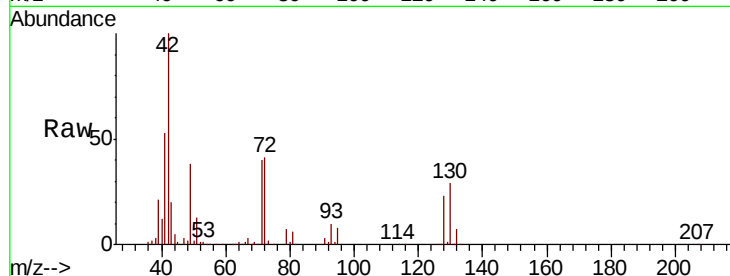




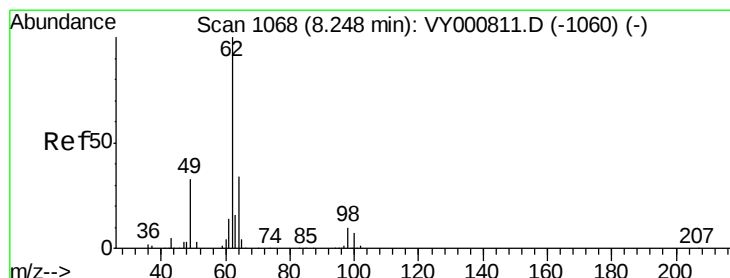
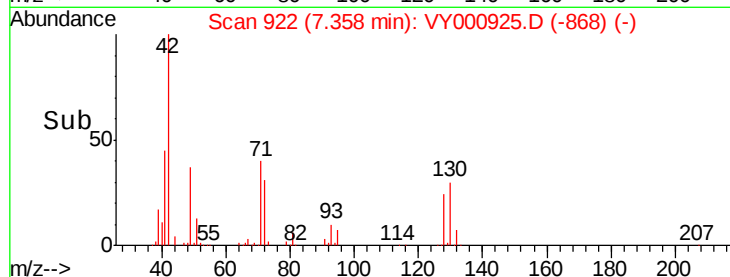
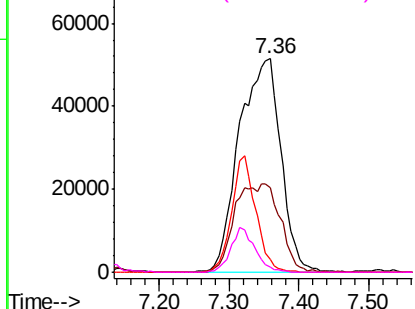
#41
Methacrylonitrile
Concen: 135.500 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 212838
Ion Ratio Lower Upper
41 100
39 45.1 95.7 143.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

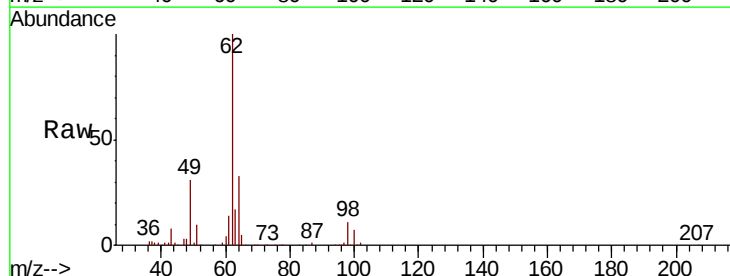


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

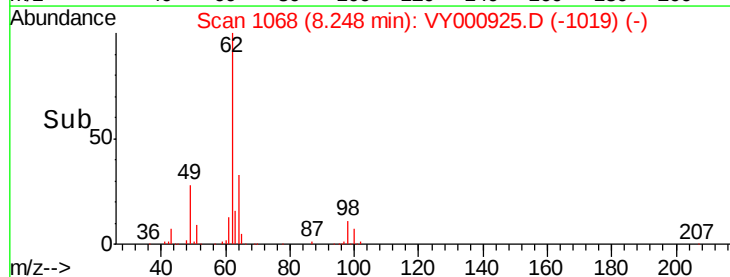
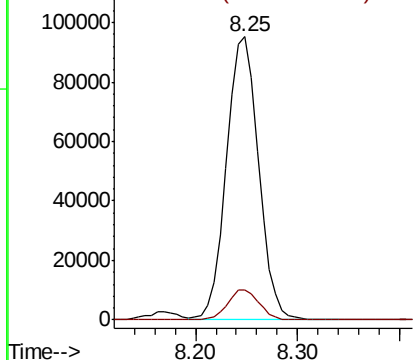


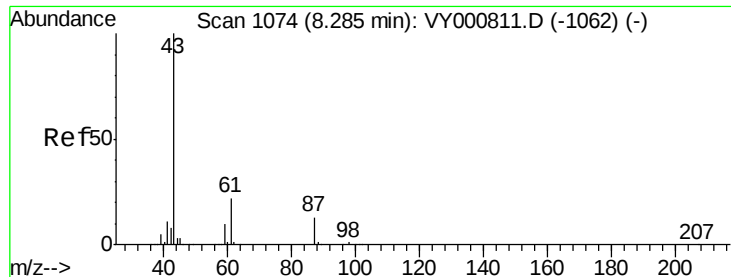
#42
1,2-Dichloroethane
Concen: 52.440 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 62 Resp: 207340
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.4



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



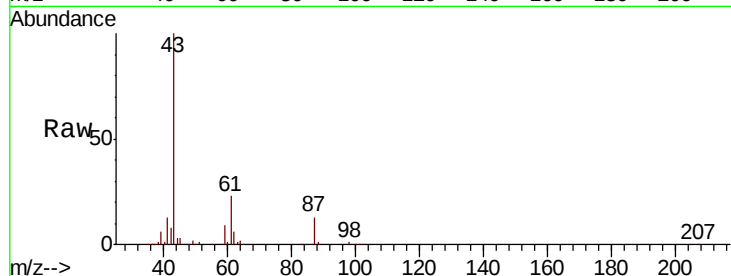


#43

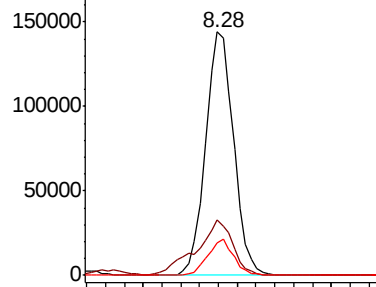
Isopropyl Acetate
 Concen: 53.131 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :

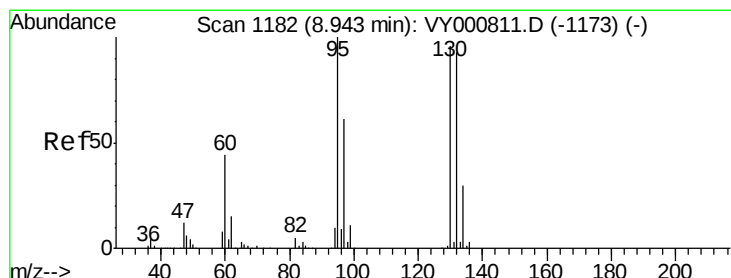
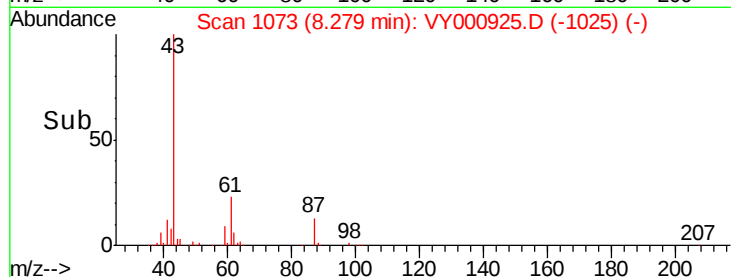
Tot Ion	43	Resp	298395
Ion Ratio	Lower	Upper	
43	100		
61	29.6	23.7	35.5
87	13.8	10.6	15.8



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



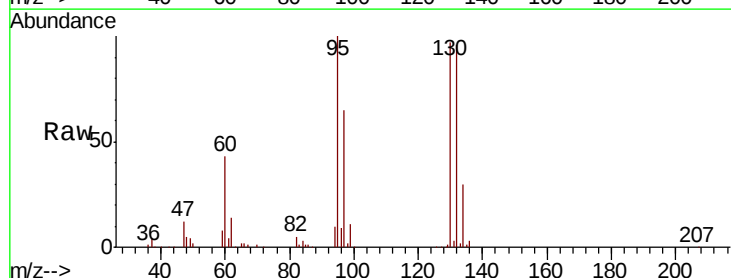
Time-->



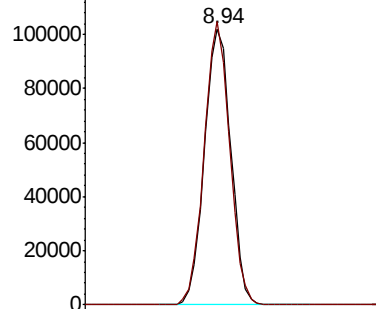
#44

Trichloroethene
 Concen: 51.492 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

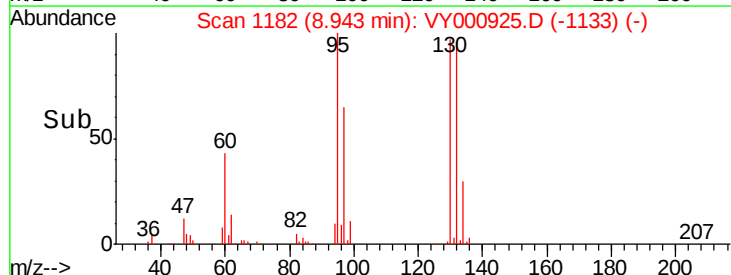
Tgt Ion	130	Resp	198955
Ion Ratio	Lower	Upper	
130	100		
95	102.6	0.0	207.8

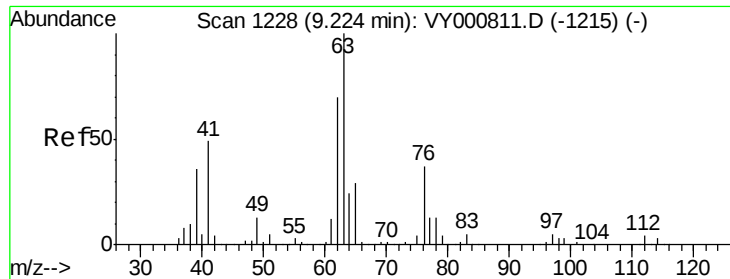


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0



Time-->

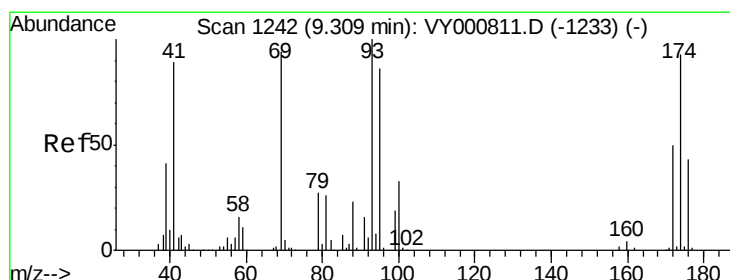
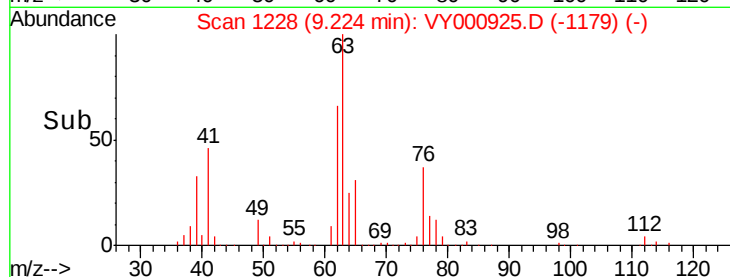
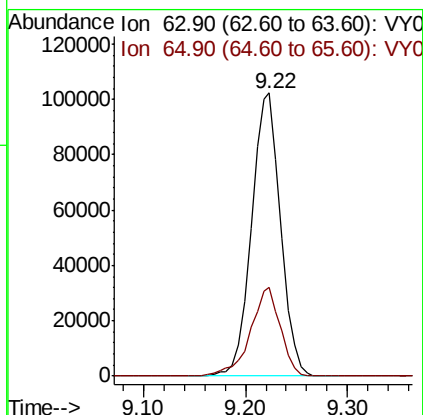
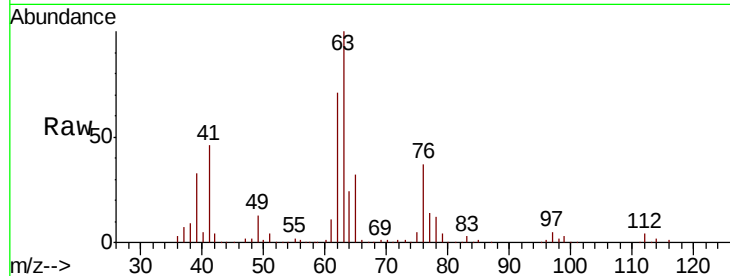




#45
 1,2-Dichloropropane
 Concen: 53.592 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

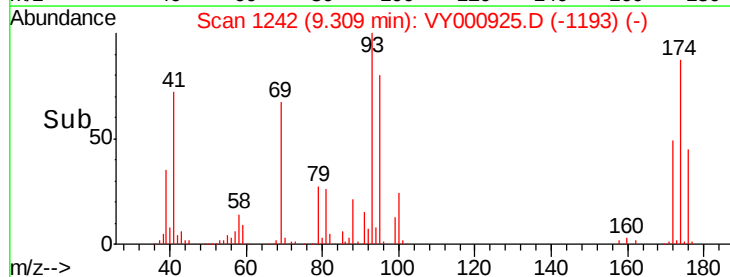
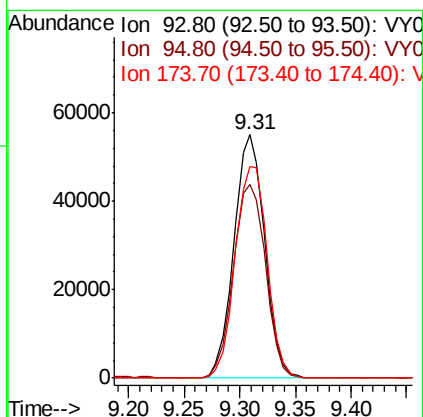
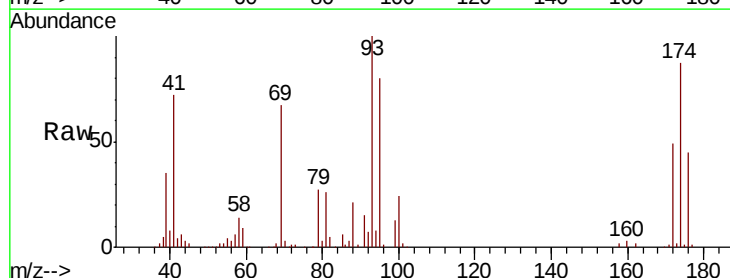
Instrument :
 MSVOA_Y
 ClientSampled :

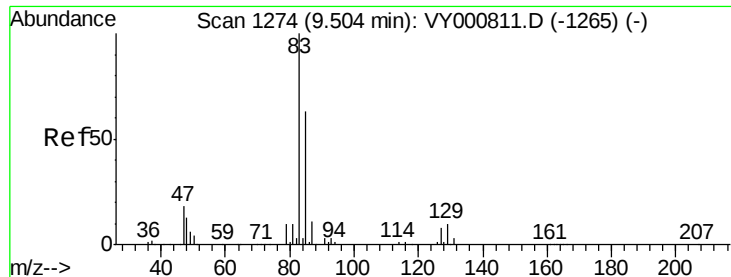
Tot Ion: 63 Resp: 202381
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.2 34.8



#46
 Dibromomethane
 Concen: 53.245 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 93 Resp: 105059
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 90.5 73.0 109.6





#47

Bromodichloromethane

Concen: 53.811 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :

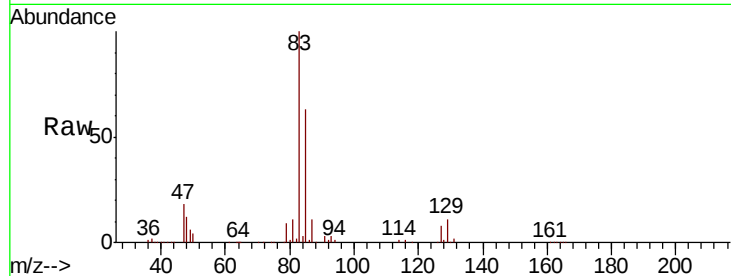
Tot Ion: 83 Resp: 249423

Ion Ratio Lower Upper

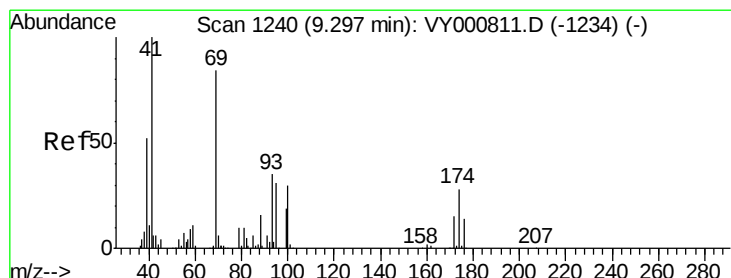
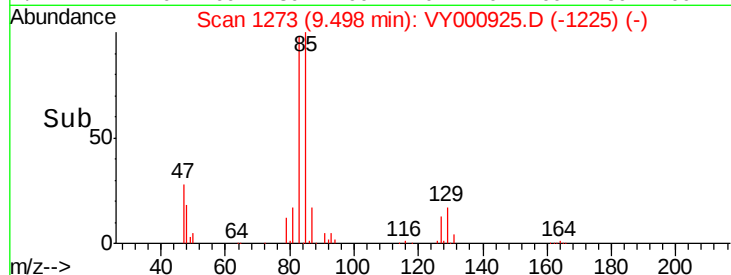
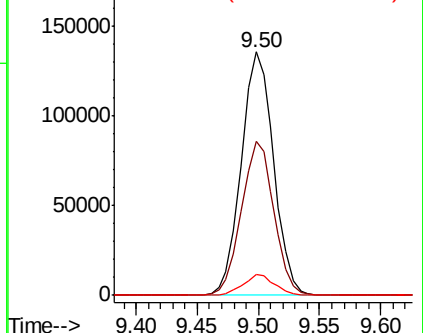
83 100

85 63.0 50.8 76.2

127 8.4 6.6 10.0



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: 52.513 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

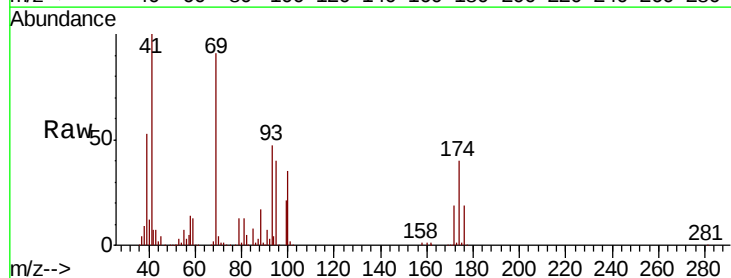
Tgt Ion: 41 Resp: 129688

Ion Ratio Lower Upper

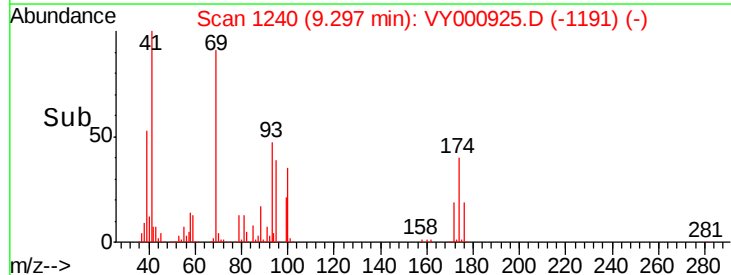
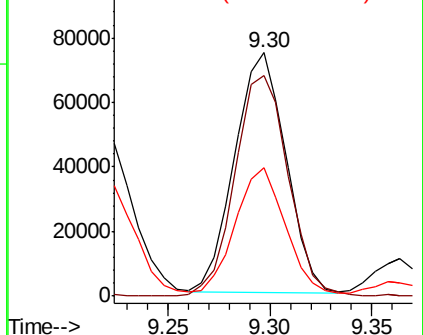
41 100

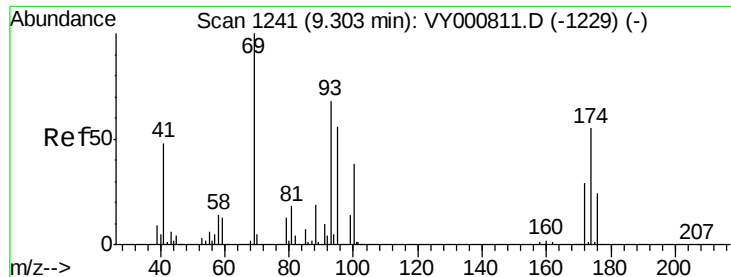
69 95.6 70.4 105.6

39 53.3 40.9 61.3



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

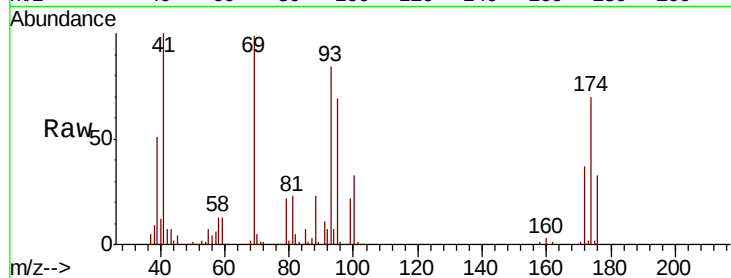




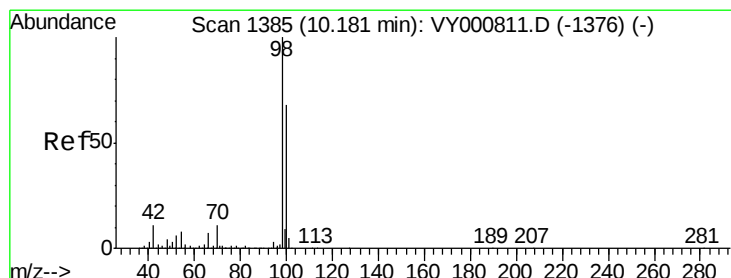
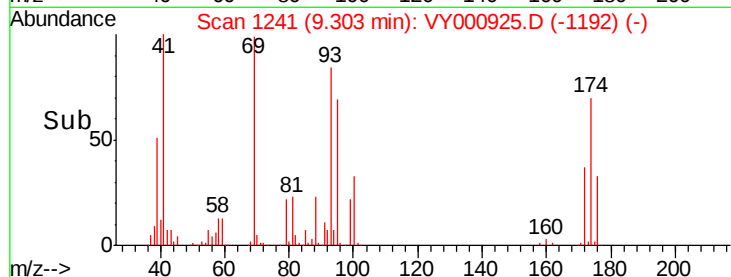
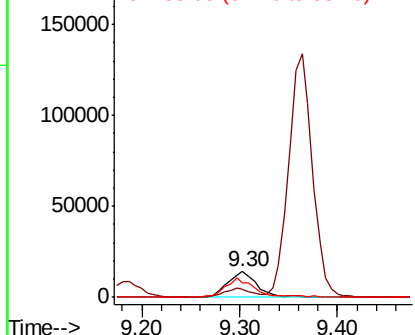
#49
1,4-Dioxane
Concen: 1091.586 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 30518
Ion Ratio Lower Upper
88 100
43 30.9 21.1 31.7
58 74.5 50.7 76.1

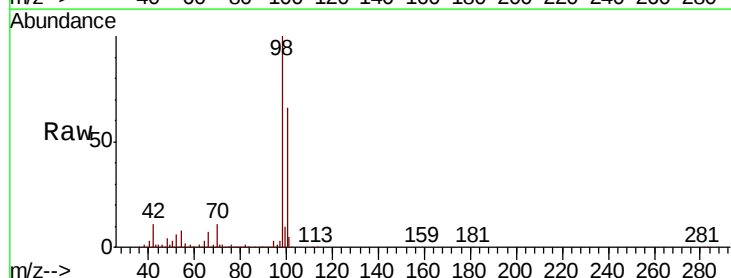


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

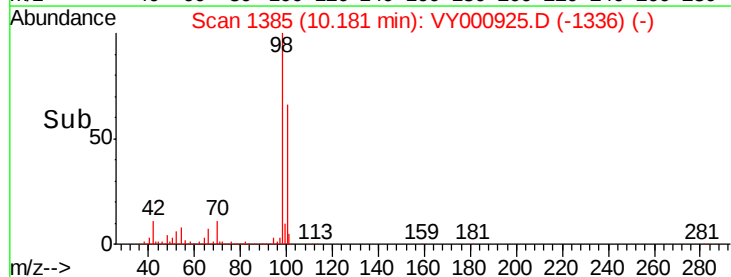
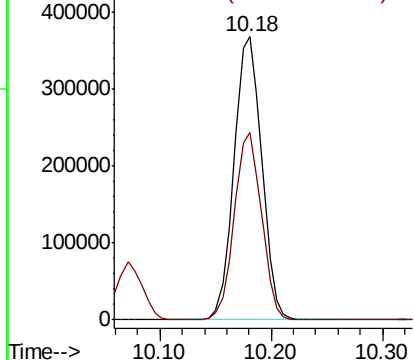


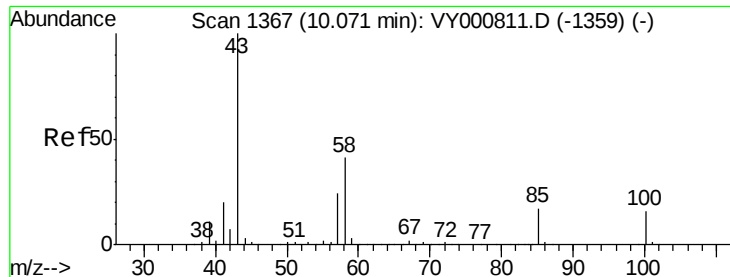
#50
Toluene-d8
Concen: 52.417 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 98 Resp: 633987
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



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





#51

4-Methyl-2-Pentanone

Concen: 273.842 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

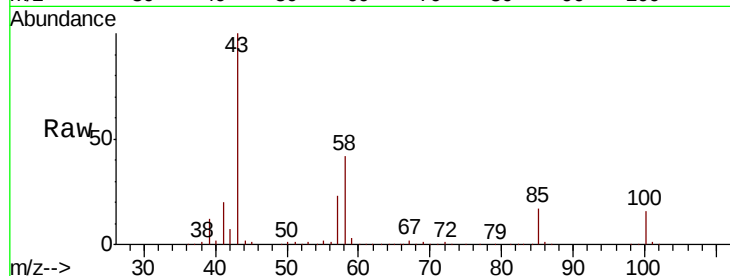
ClientSampleId :

Tot Ion: 43 Resp: 794629

Ion Ratio Lower Upper

43 100

58 41.6 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-1359) (-)

10.07

500000

400000

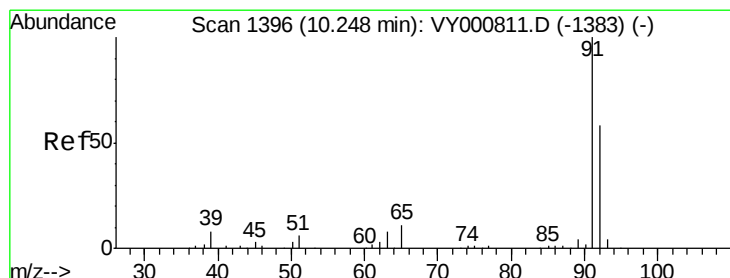
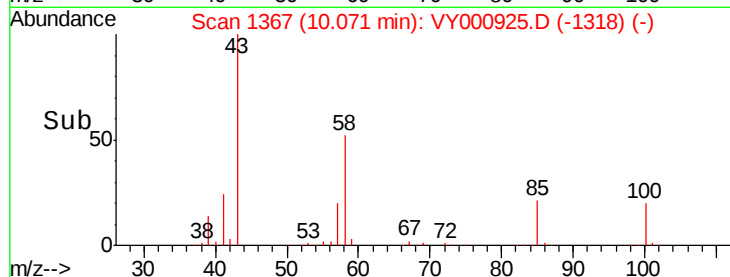
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.167 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000925.D

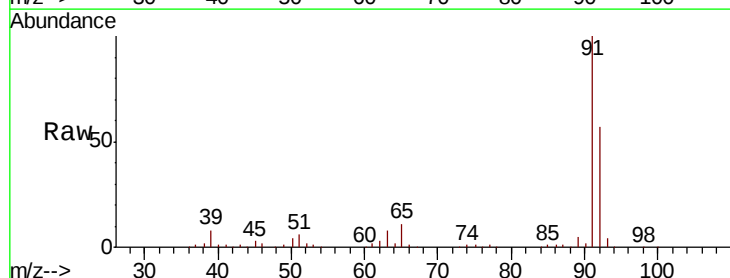
Acq: 09 Dec 2019 20:08

Tgt Ion: 92 Resp: 476291

Ion Ratio Lower Upper

92 100

91 173.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY000811.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY000811.D (-1383) (-)

10.24

500000

400000

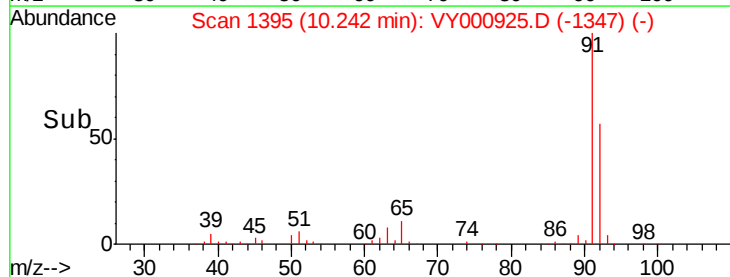
300000

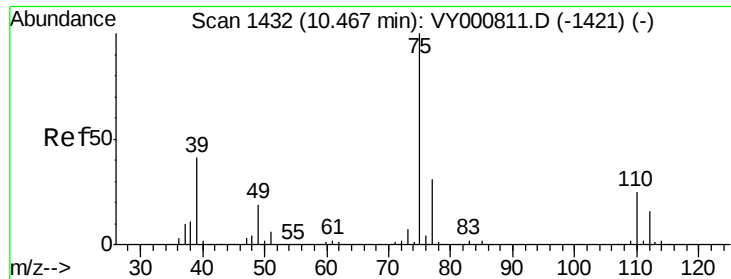
200000

100000

0

Time-->

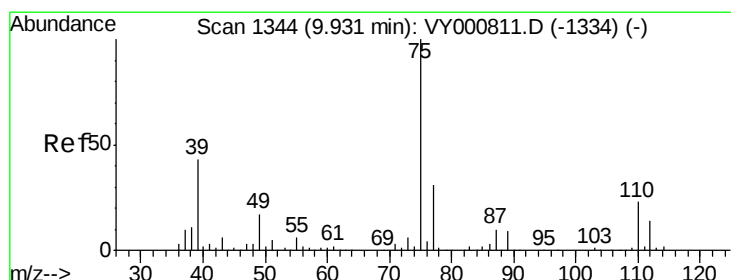
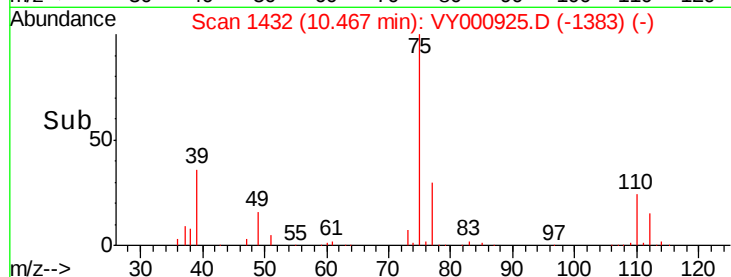
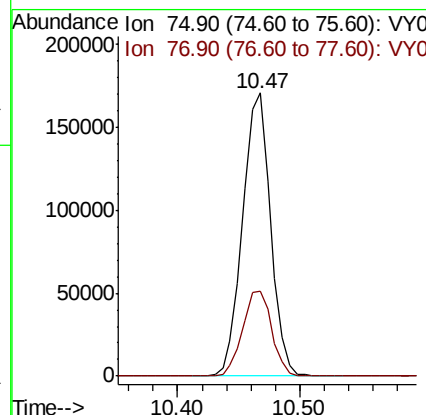
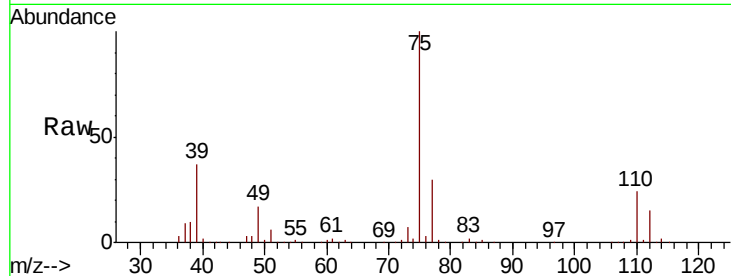




#53
t-1,3-Dichloropropene
Concen: 54.192 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

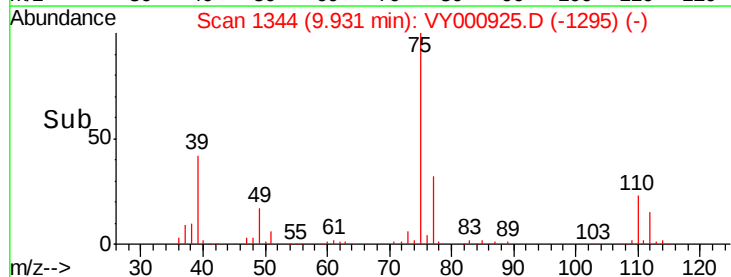
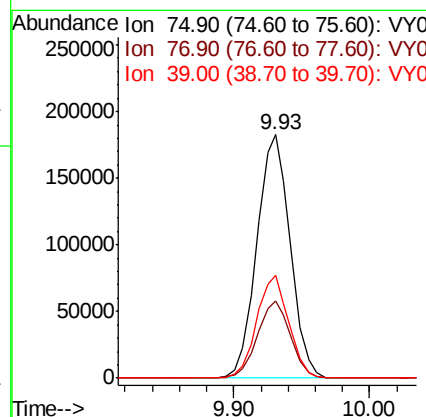
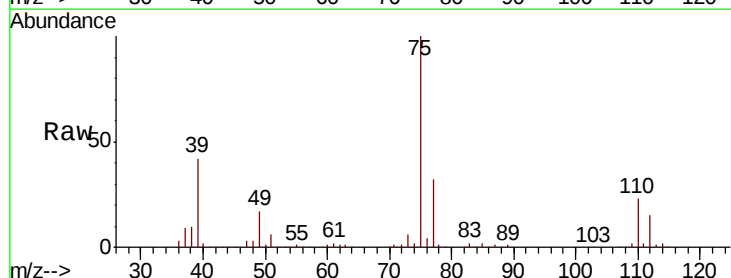
Instrument :
MSVOA_Y
ClientSampleId :

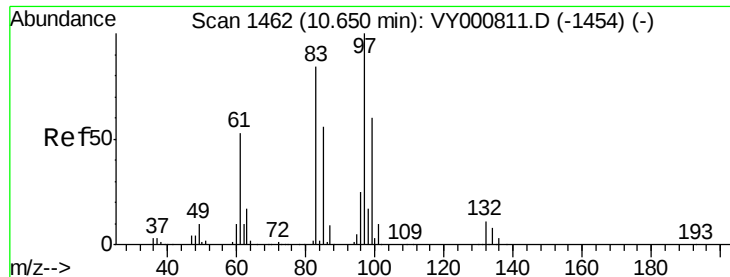
Tot Ion: 75 Resp: 269870
Ion Ratio Lower Upper
75 100
77 30.0 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 53.082 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 75 Resp: 312453
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1
39 42.1 34.5 51.7

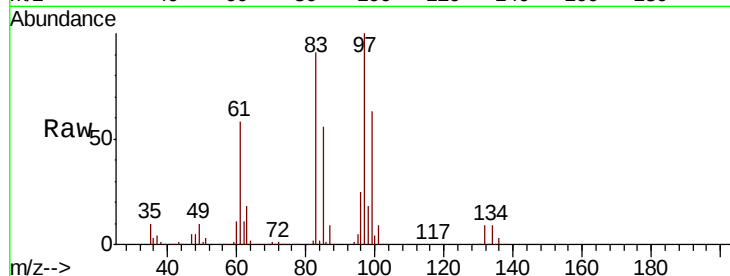




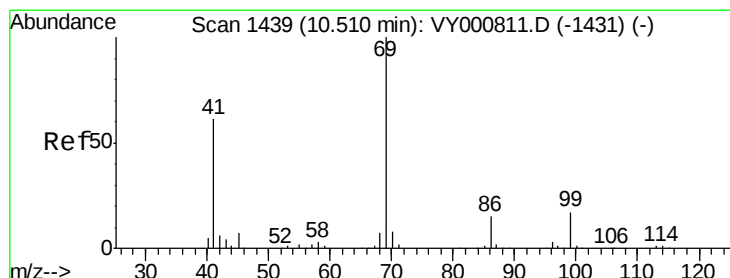
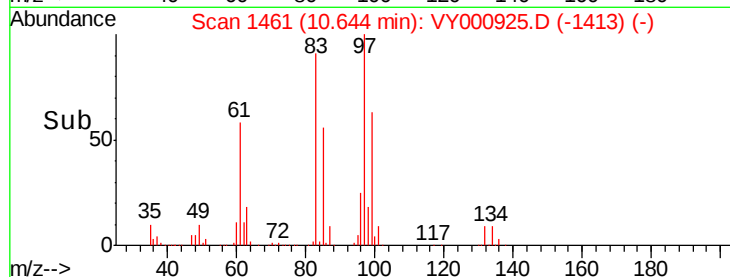
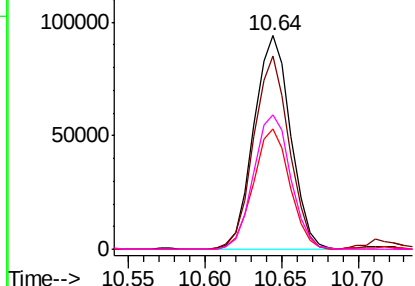
#55
 1,1,2-Trichloroethane
 Concen: 54.029 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 157502
 Ion Ratio Lower Upper
 97 100
 83 90.6 67.5 101.3
 85 56.3 44.5 66.7
 99 62.7 47.7 71.5

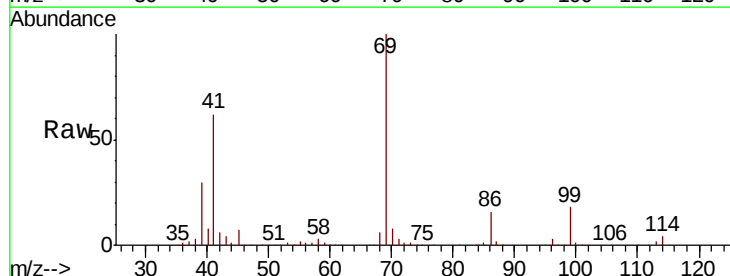


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

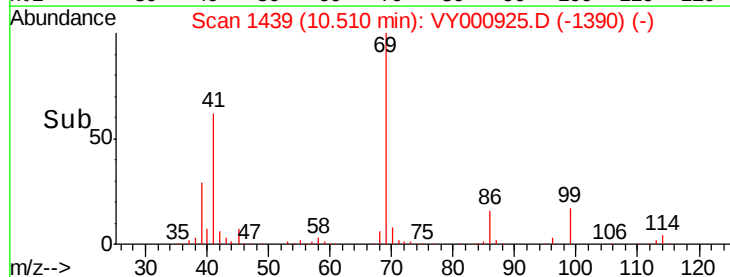
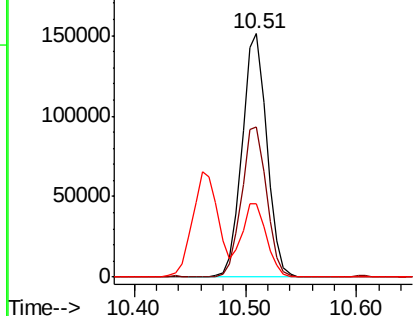


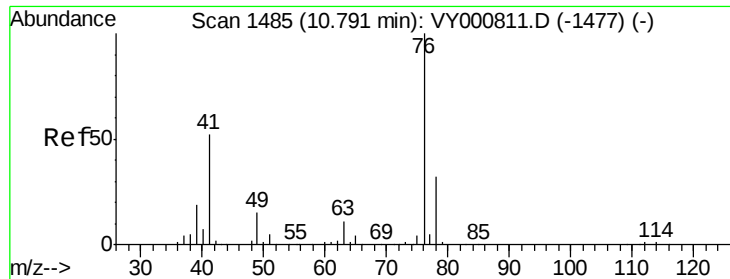
#56
 Ethyl methacrylate
 Concen: 55.886 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 69 Resp: 233056
 Ion Ratio Lower Upper
 69 100
 41 62.1 49.0 73.6
 39 30.3 23.1 34.7



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

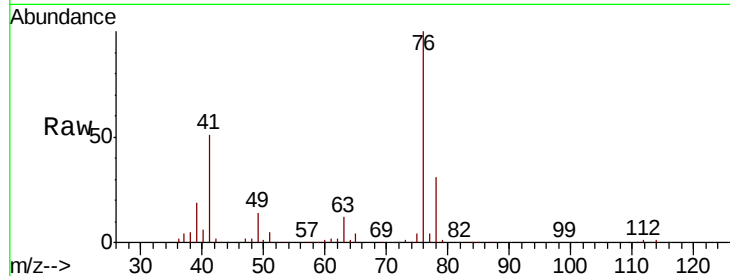




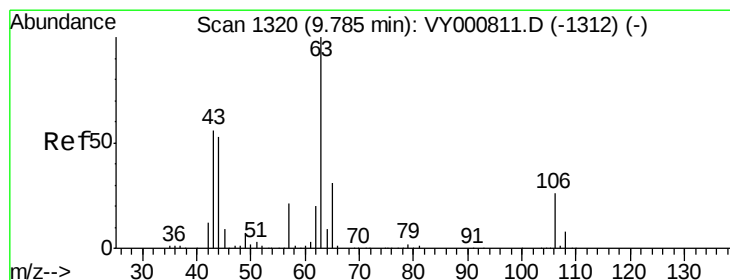
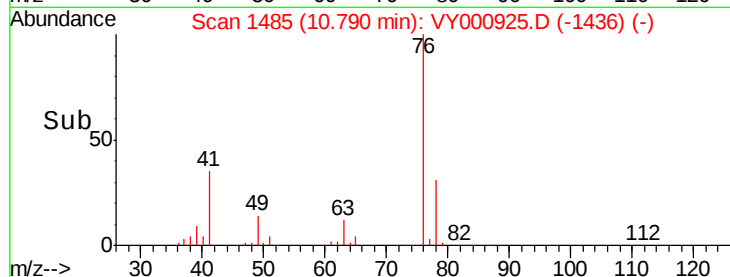
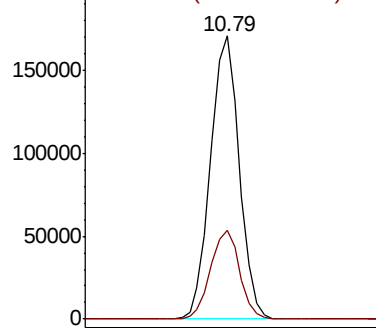
#57
 1,3-Dichloropropane
 Concen: 54.738 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 76 Resp: 278113
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.4 39.6

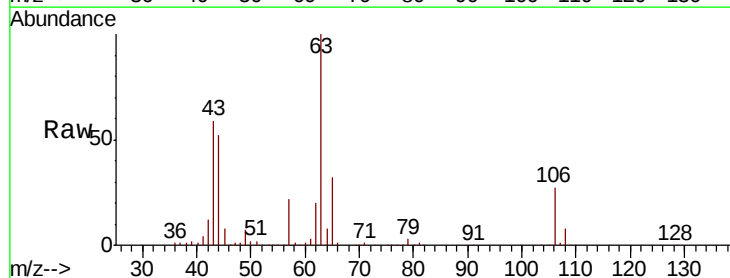


Abundance Ion 75.90 (75.60 to 76.60): VY0
 Ion 77.90 (77.60 to 78.60): VY0

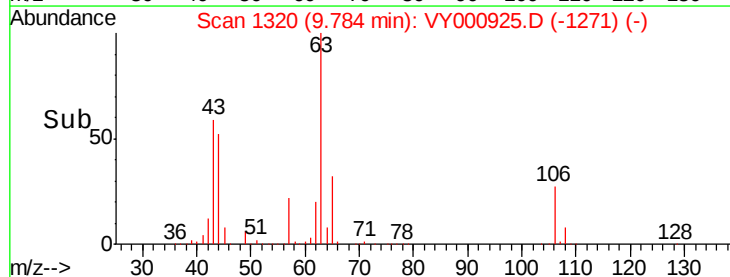
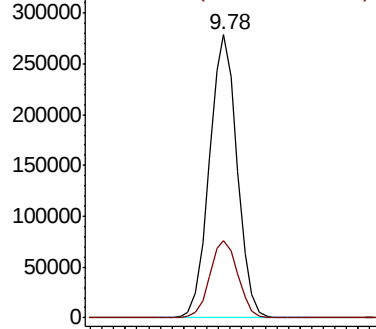


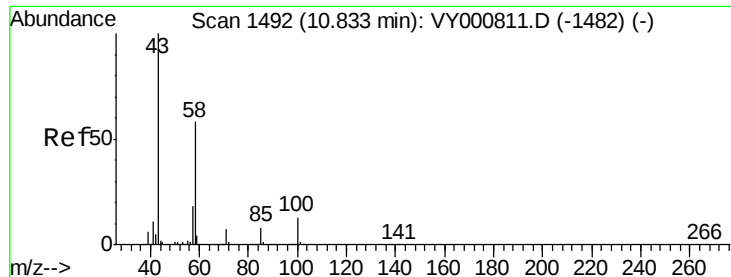
#58
 2-Chloroethyl Vinyl ether
 Concen: 274.158 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 63 Resp: 460992
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 105.90 (105.60 to 106.60): V

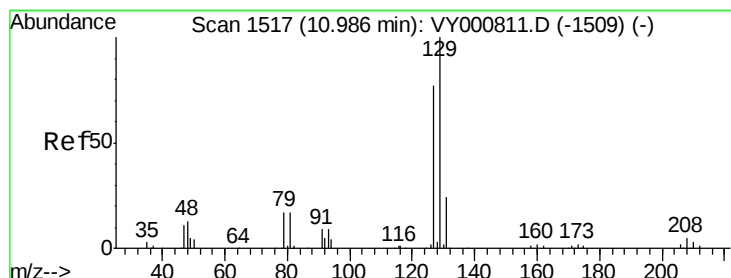
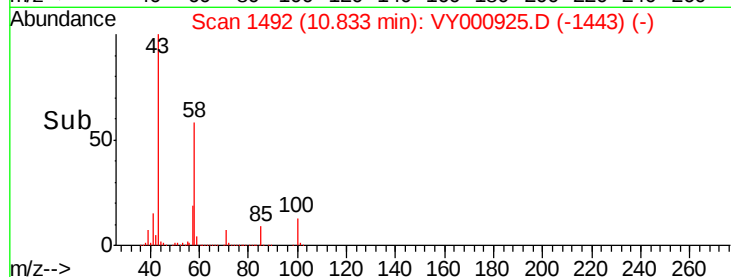
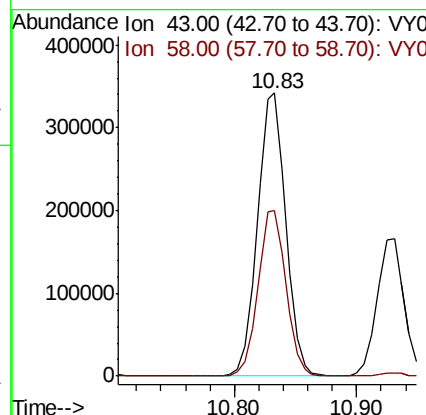
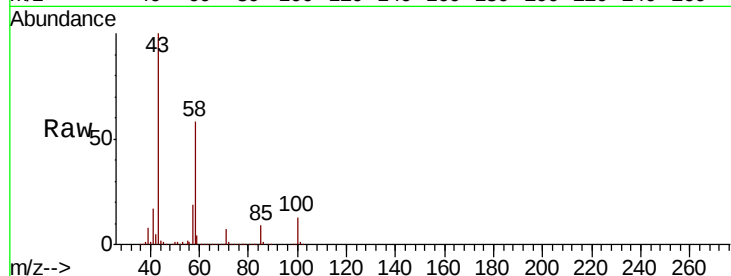




#59
2-Hexanone
Concen: 260.588 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

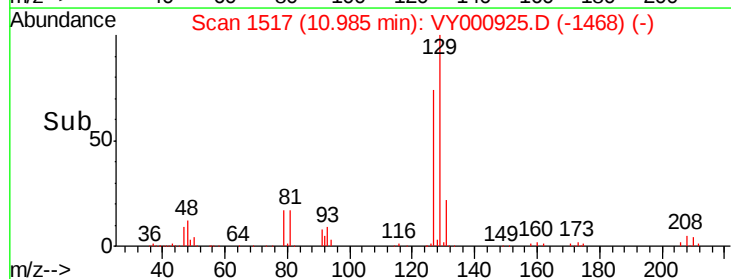
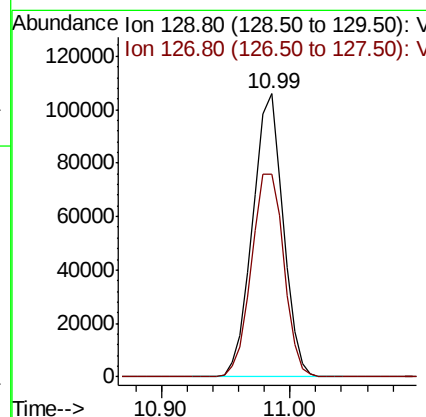
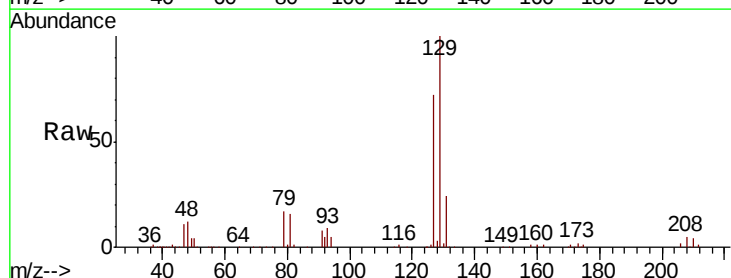
Instrument :
MSVOA_Y
ClientSampleId :

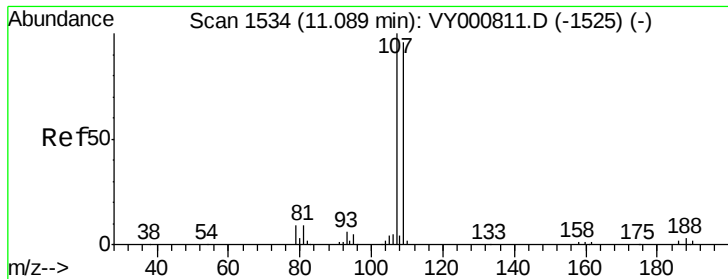
Tot Ion: 43 Resp: 551003
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1



#60
Dibromochloromethane
Concen: 55.048 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 129 Resp: 172752
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2

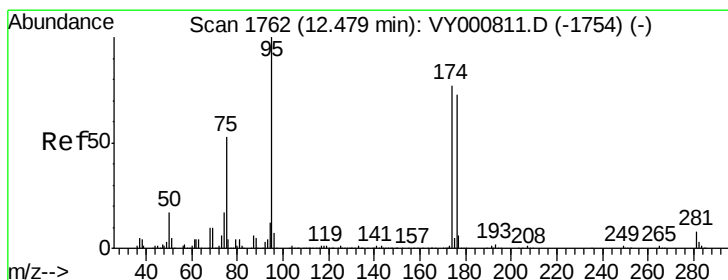
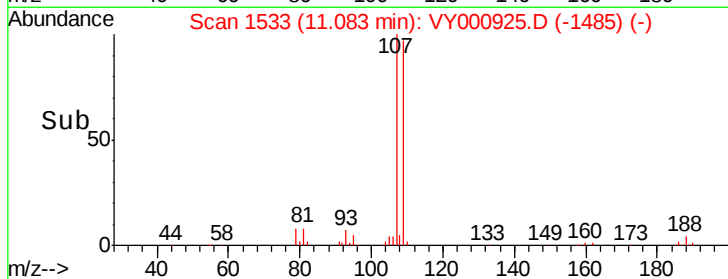
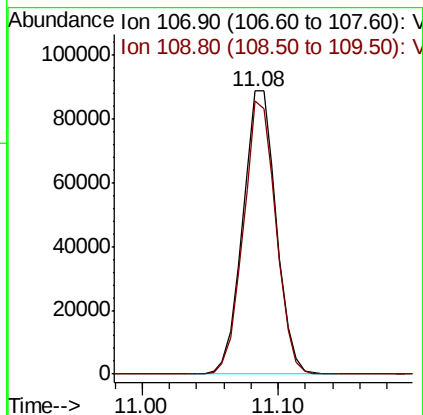
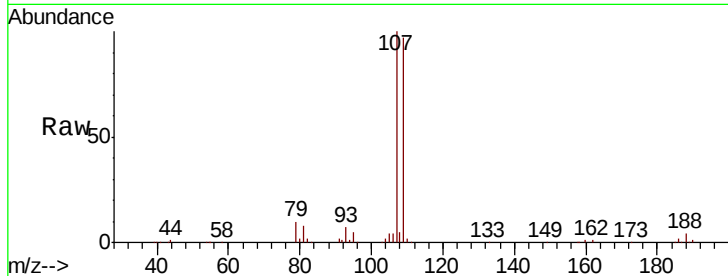




#61
 1,2-Dibromoethane
 Concen: 55.367 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

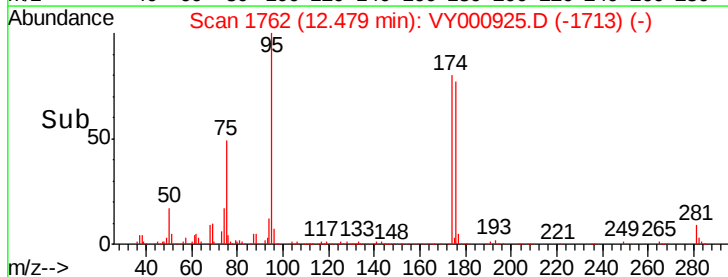
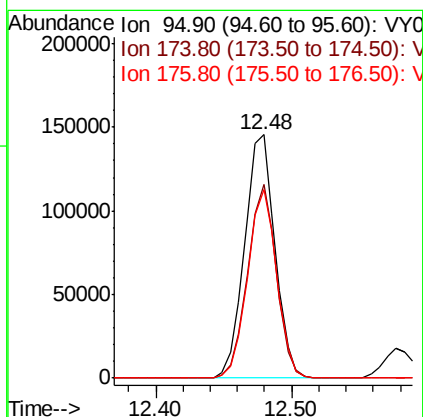
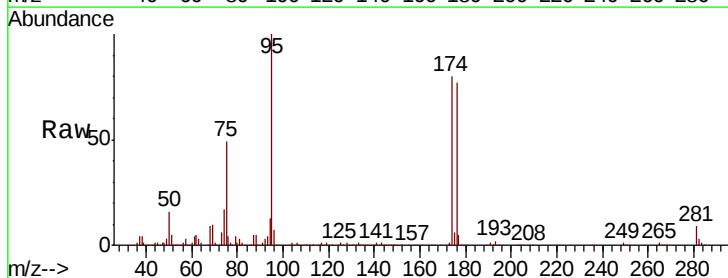
Instrument :
 MSVOA_Y
 ClientSampleId :

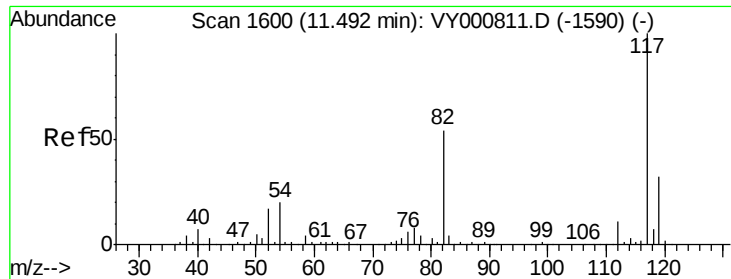
Tot Ion: 107 Resp: 152112
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.946 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 95 Resp: 226869
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 150.6
 176 74.5 0.0 145.2

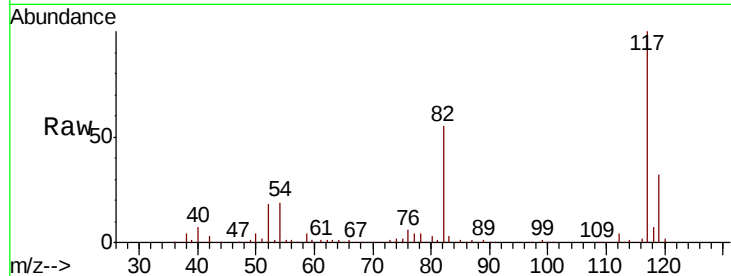




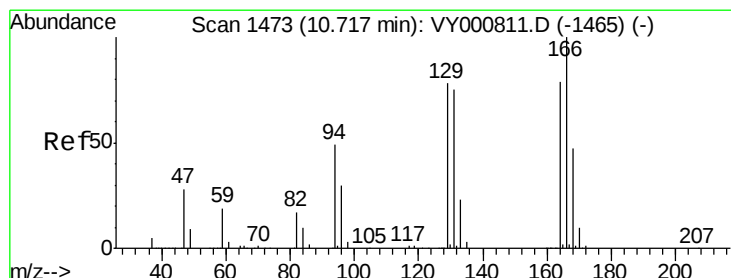
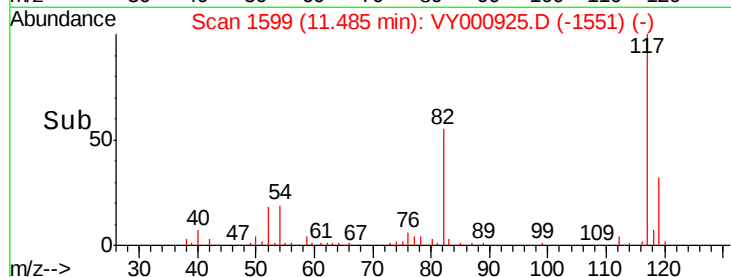
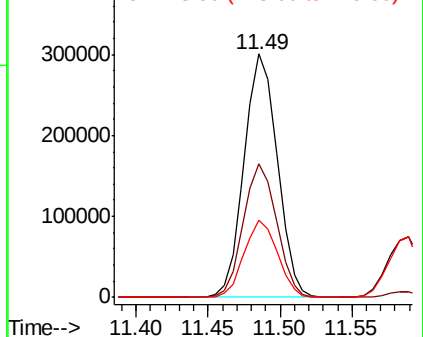
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 481262
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 31.8 25.3 37.9

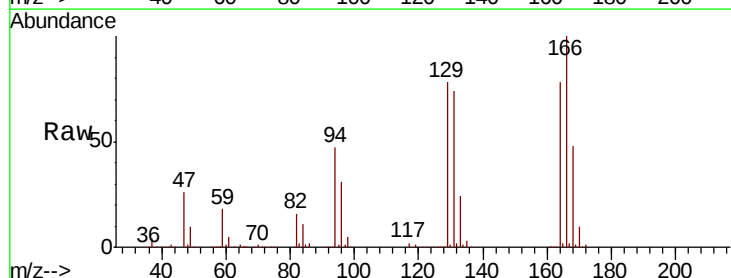


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

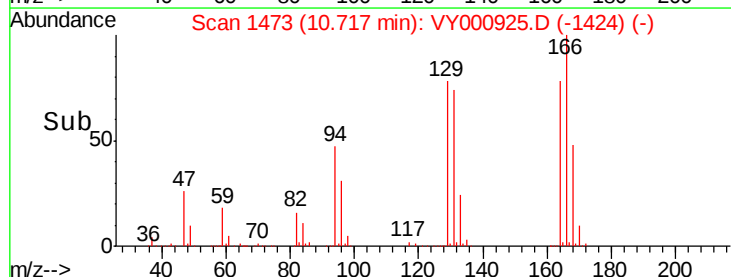
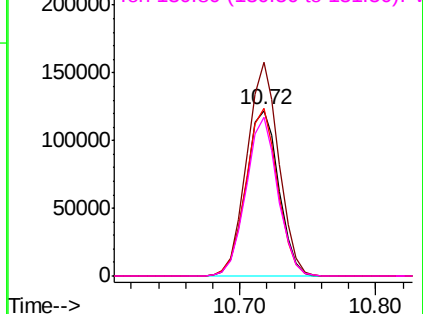


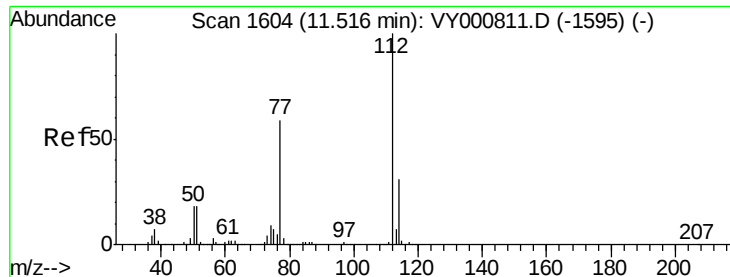
#64
Tetrachloroethene
Concen: 49.560 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion:164 Resp: 207226
Ion Ratio Lower Upper
164 100
166 128.9 101.8 152.8
129 101.1 79.3 118.9
131 95.6 76.4 114.6



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

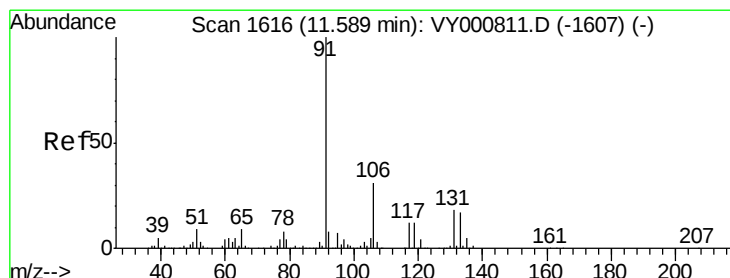
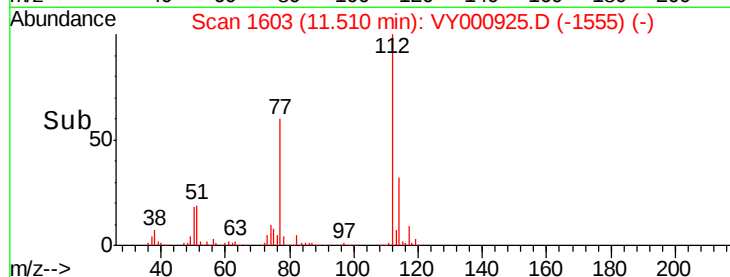
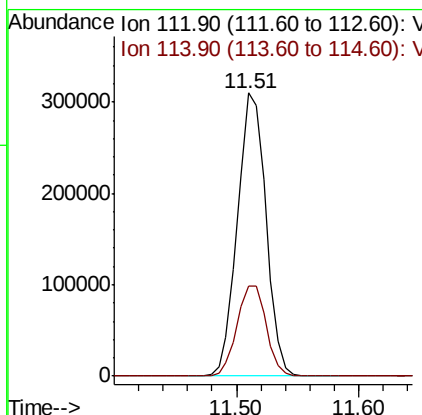
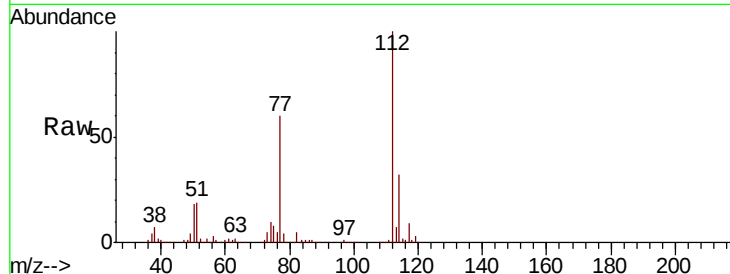




#65
Chlorobenzene
Concen: 50.044 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

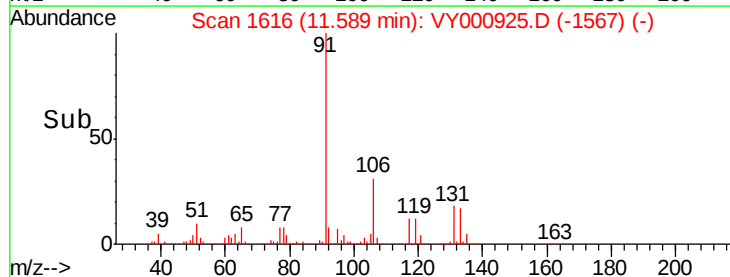
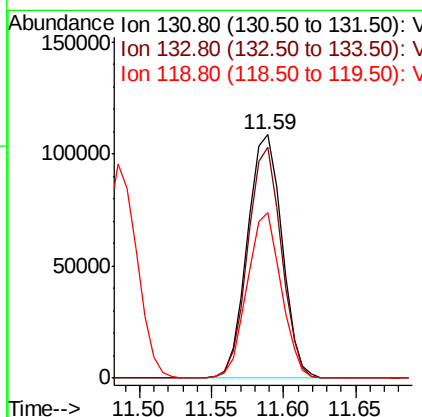
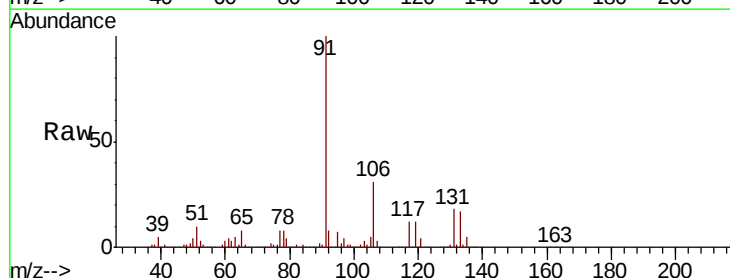
Instrument :
MSVOA_Y
ClientSampleId :

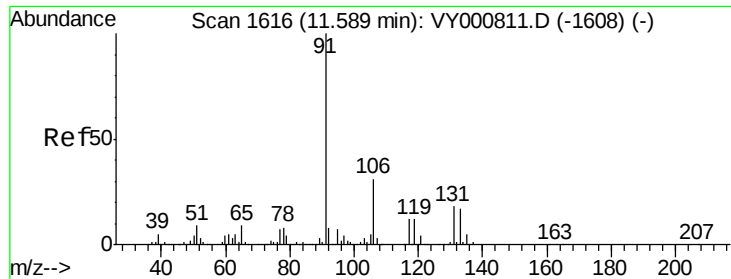
Tot Ion:112 Resp: 500631
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.473 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion:131 Resp: 180273
Ion Ratio Lower Upper
131 100
133 92.2 47.4 142.2
119 66.9 33.8 101.3

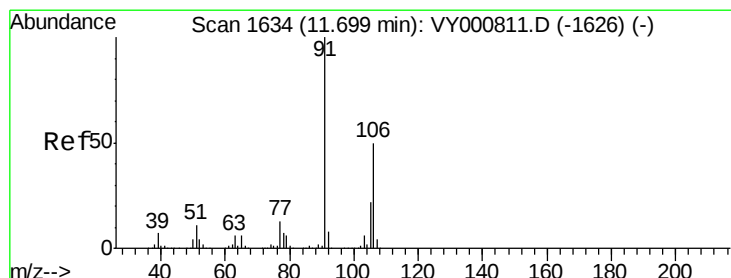
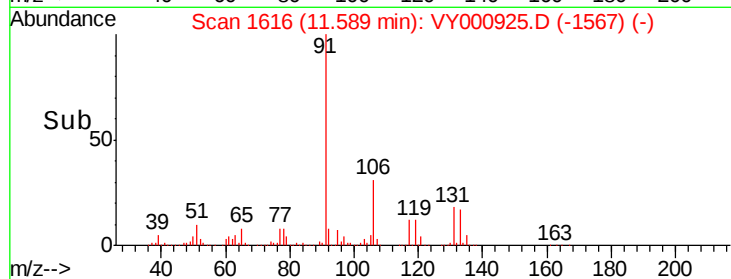
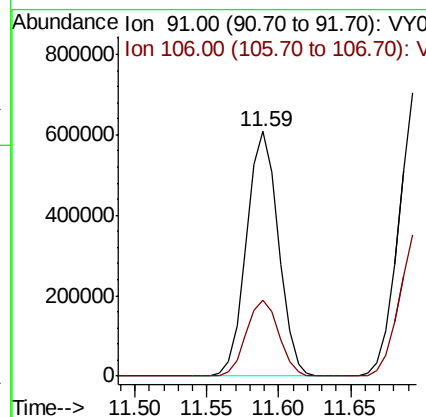
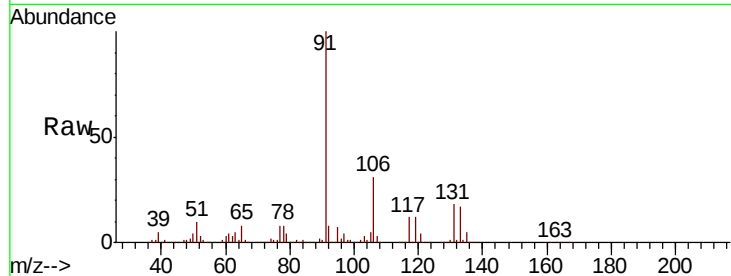




#67
Ethyl Benzene
Concen: 49.947 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

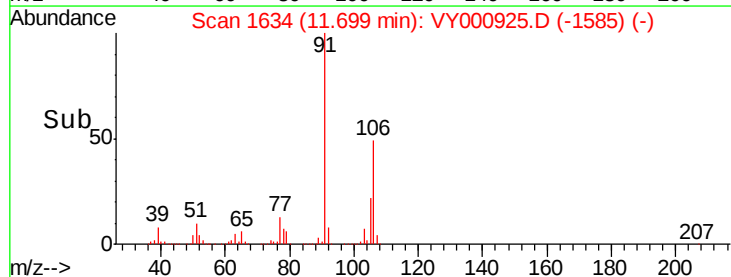
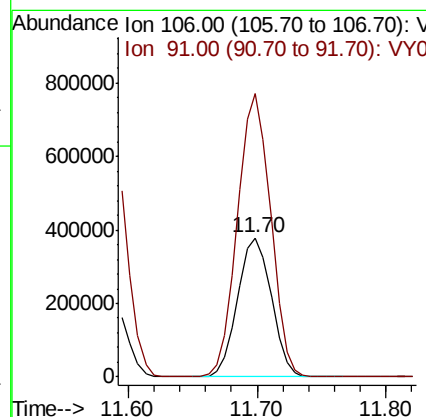
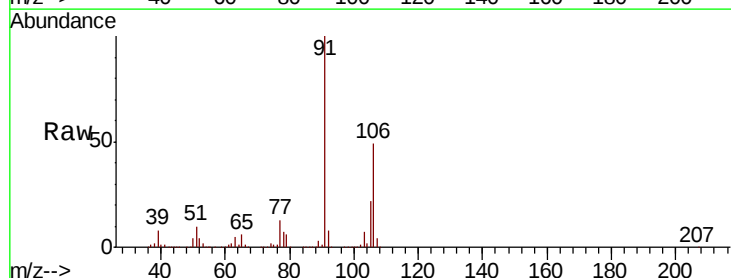
Instrument :
MSVOA_Y
ClientSampled :

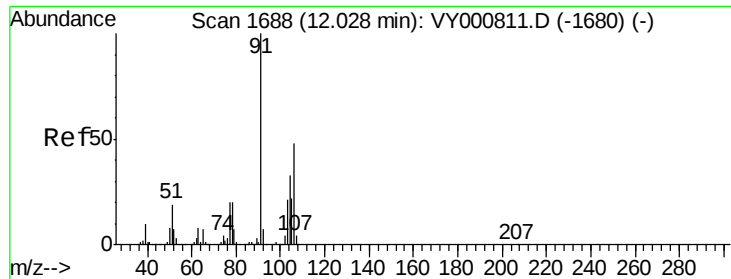
Tot Ion: 91 Resp: 930557
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6



#68
m/p-Xylenes
Concen: 98.822 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 106 Resp: 691059
Ion Ratio Lower Upper
106 100
91 200.1 159.6 239.4

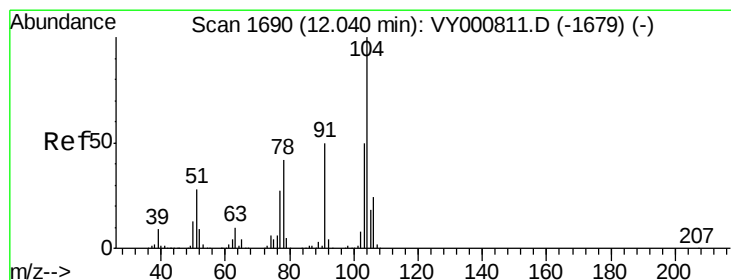
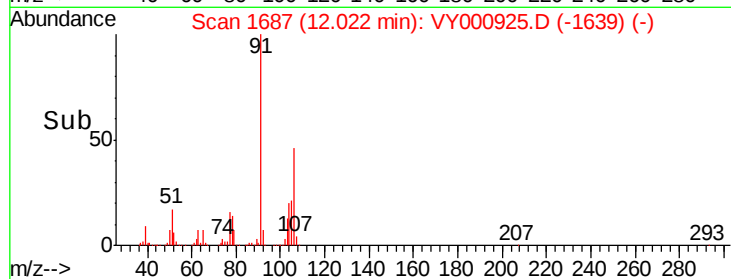
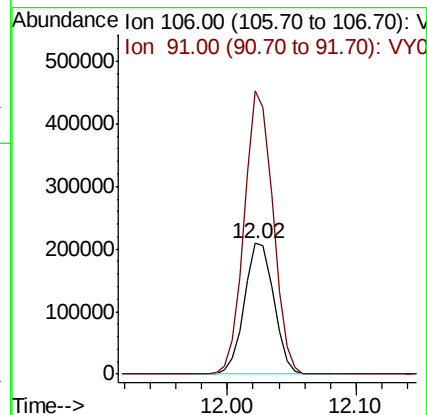
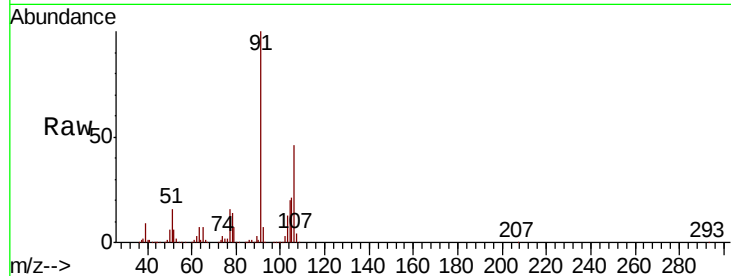




#69
o-Xylene
Concen: 50.577 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

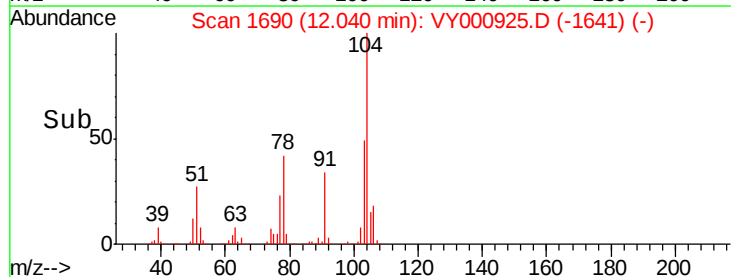
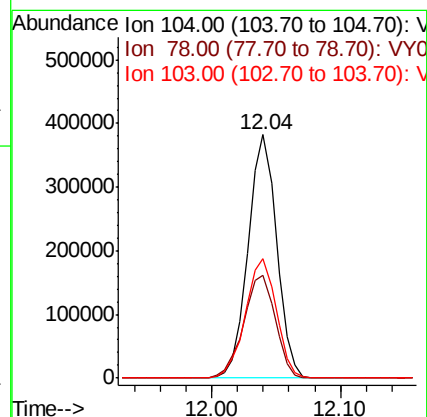
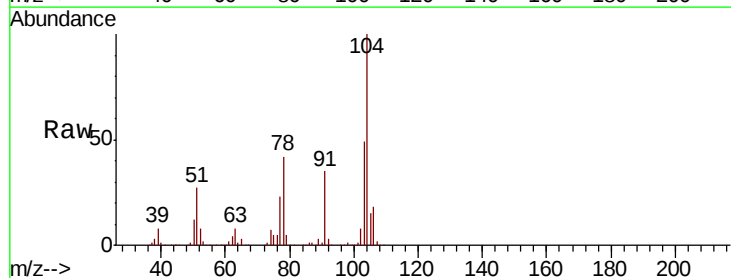
Instrument :
MSVOA_Y
ClientSampled :

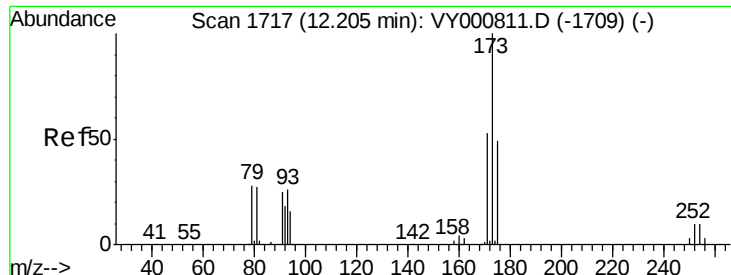
Tot Ion:106 Resp: 329773
Ion Ratio Lower Upper
106 100
91 211.1 106.1 318.1



#70
Styrene
Concen: 52.300 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion:104 Resp: 583908
Ion Ratio Lower Upper
104 100
78 47.3 38.2 57.4
103 53.2 43.4 65.0





#71

Bromoform

Concen: 53.207 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

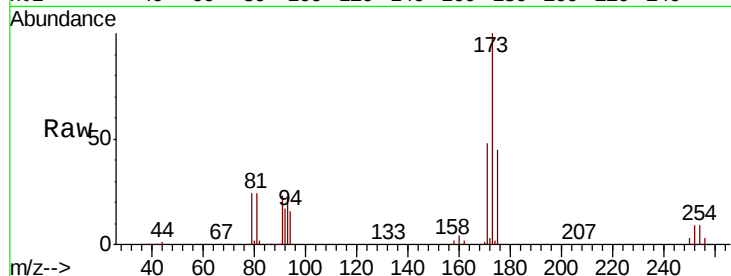
Tot Ion:173 Resp: 101168

Ion Ratio Lower Upper

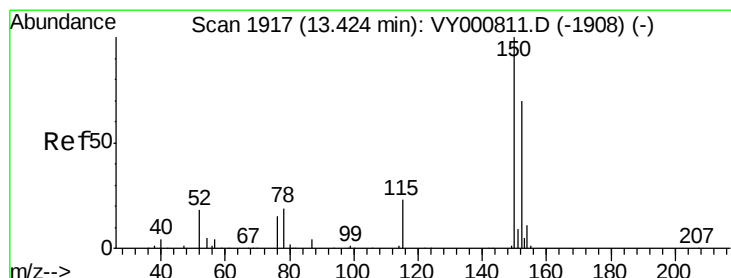
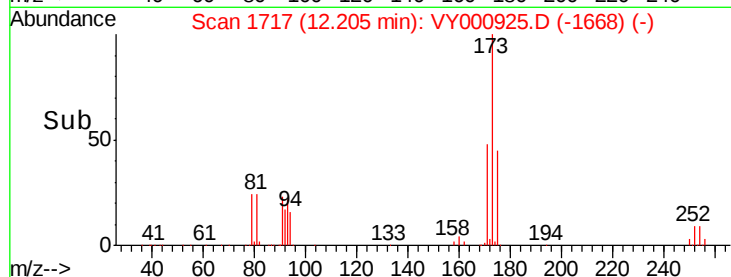
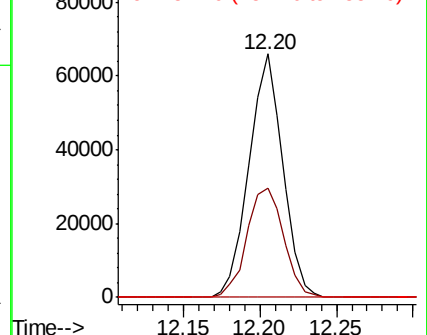
173 100

175 48.9 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

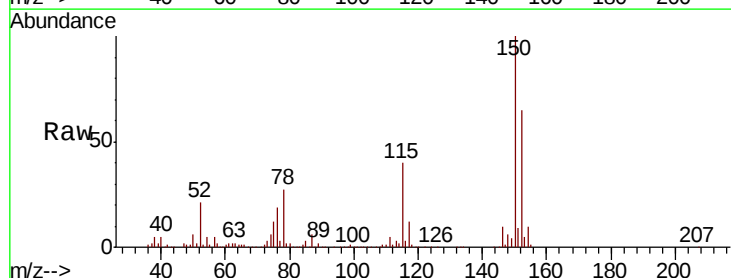
Tgt Ion:152 Resp: 224717

Ion Ratio Lower Upper

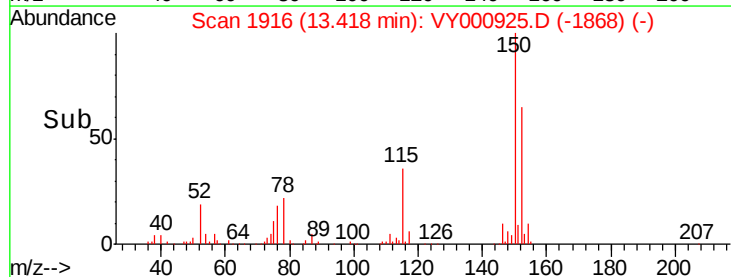
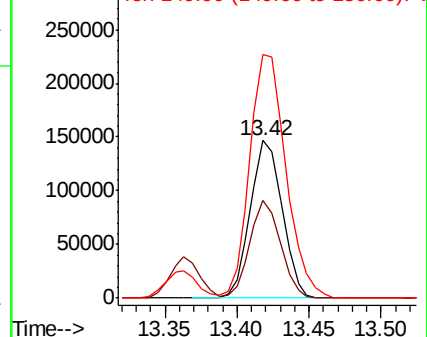
152 100

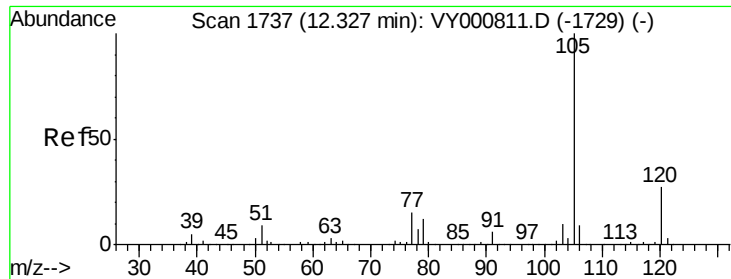
115 59.8 29.3 87.8

150 175.0 0.0 351.2



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: 49.639 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

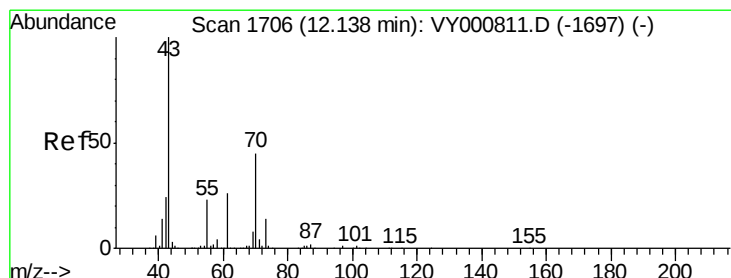
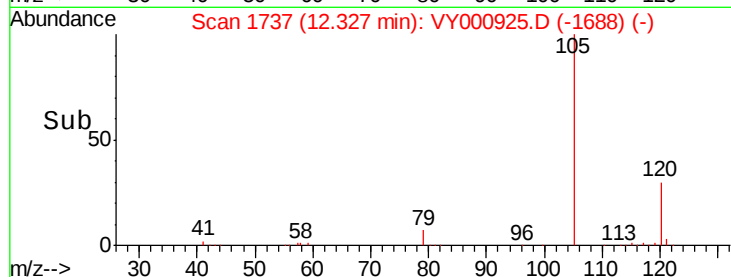
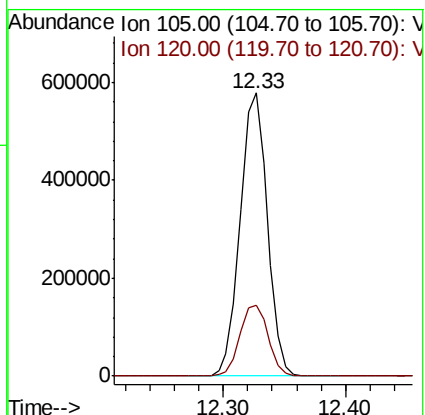
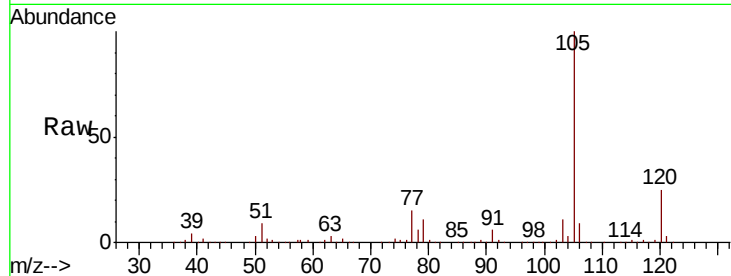
ClientSampleId :

Tot Ion:105 Resp: 888165

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.2



#74

N-ethyl acetate

Concen: 52.910 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion: 43 Resp: 263500

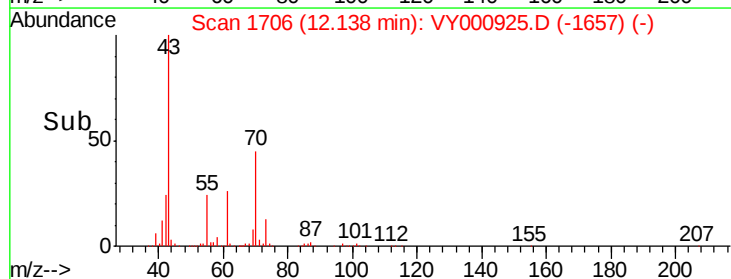
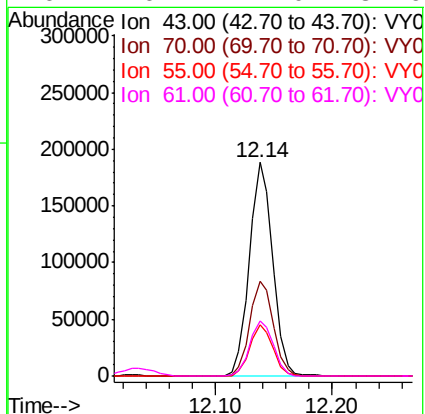
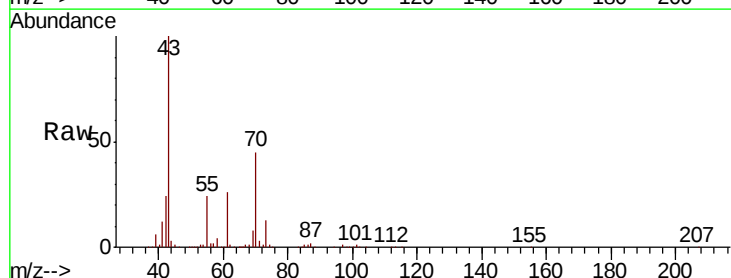
Ion Ratio Lower Upper

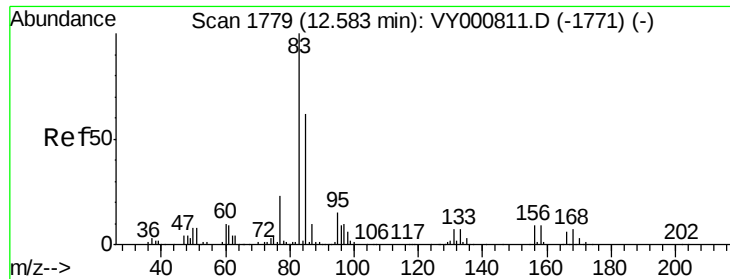
43 100

70 45.1 36.6 54.8

55 24.0 18.8 28.2

61 26.2 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.129 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

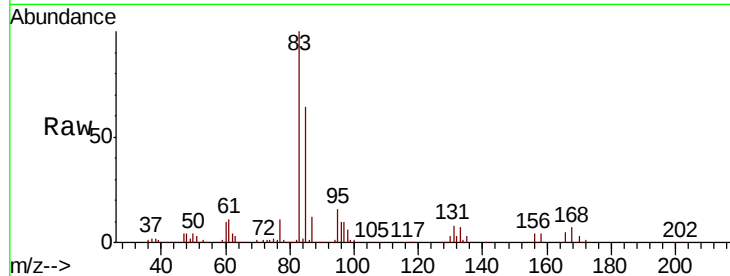
Tot Ion: 83 Resp: 183781

Ion Ratio Lower Upper

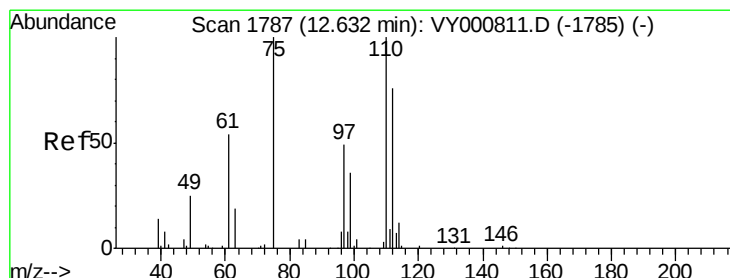
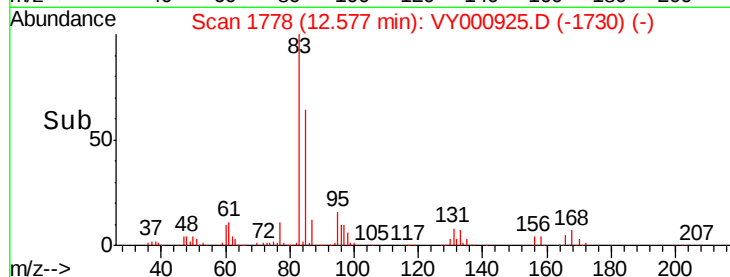
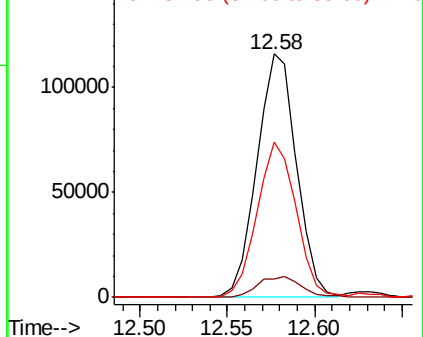
83 100

131 9.6 4.3 13.1

85 63.2 32.4 97.0



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: 100.080 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000925.D

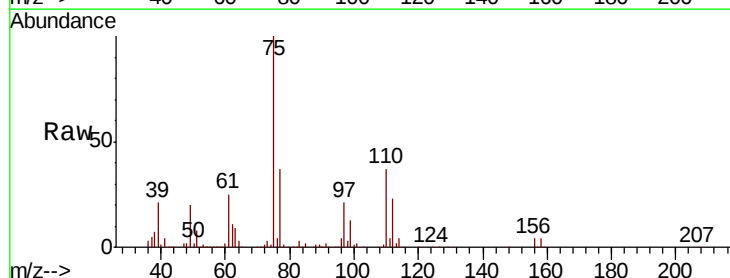
Acq: 09 Dec 2019 20:08

Tgt Ion: 75 Resp: 254807

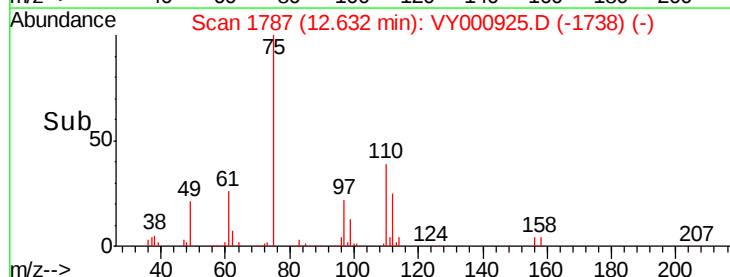
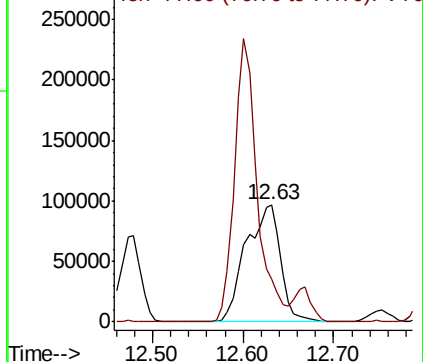
Ion Ratio Lower Upper

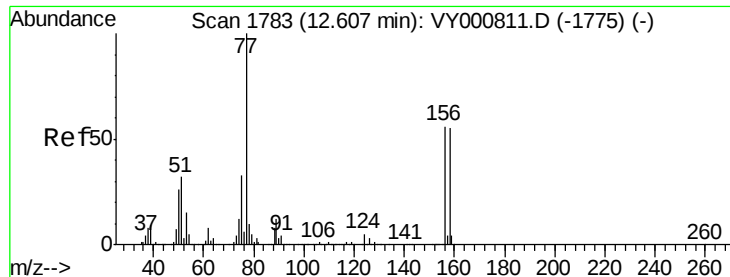
75 100

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: 50.948 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

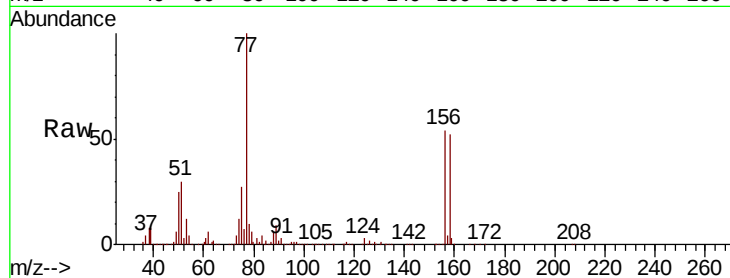
Tot Ion:156 Resp: 197598

Ion Ratio Lower Upper

156 100

77 206.8 102.6 307.7

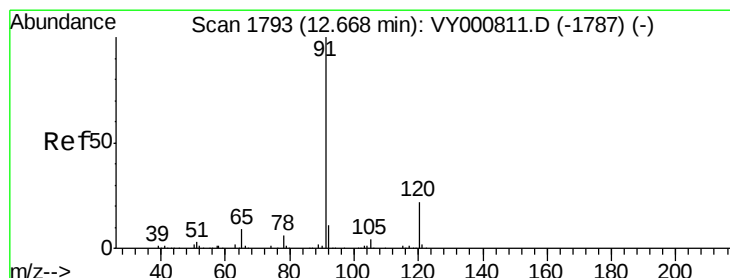
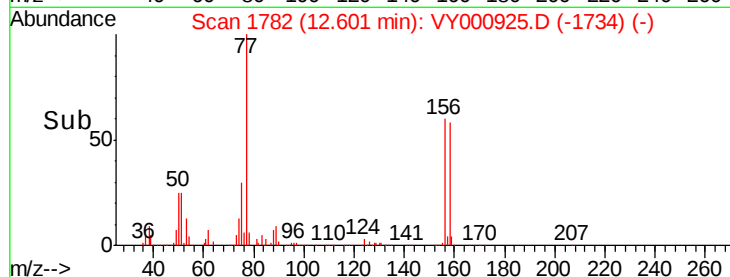
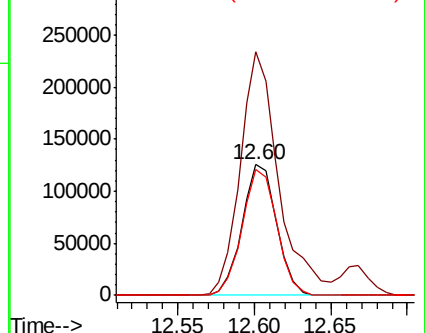
158 96.5 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.190 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000925.D

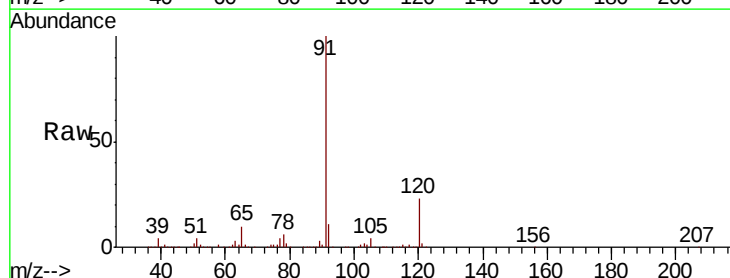
Acq: 09 Dec 2019 20:08

Tgt Ion: 91 Resp: 1074661

Ion Ratio Lower Upper

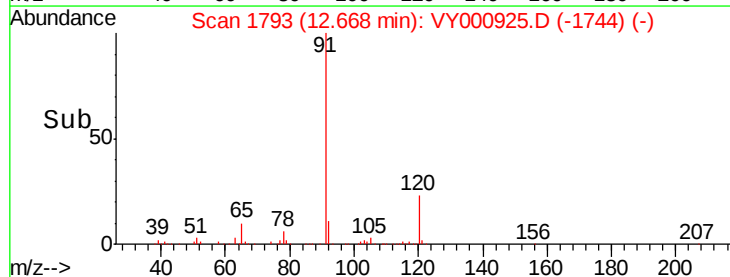
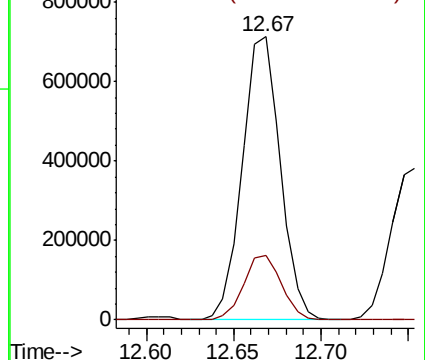
91 100

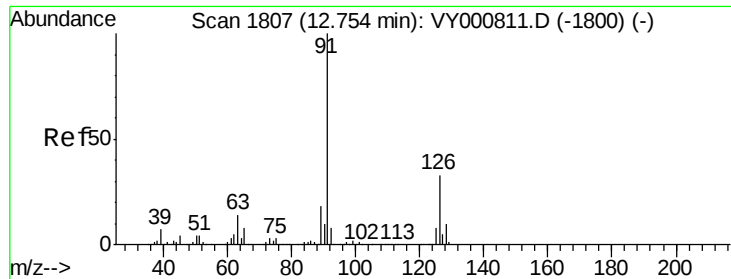
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.649 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

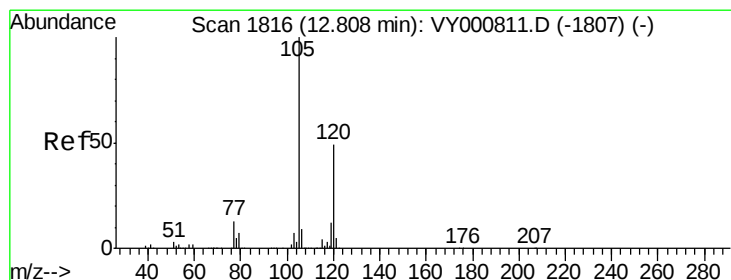
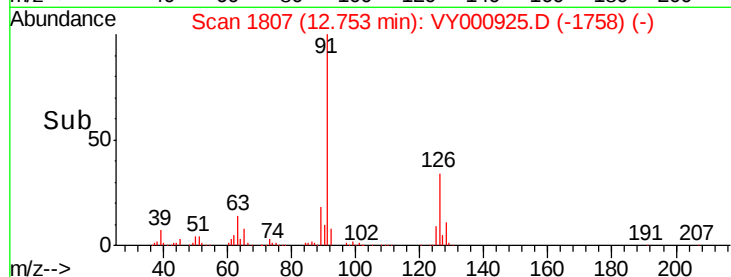
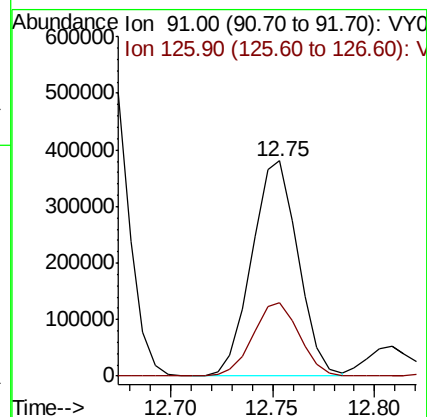
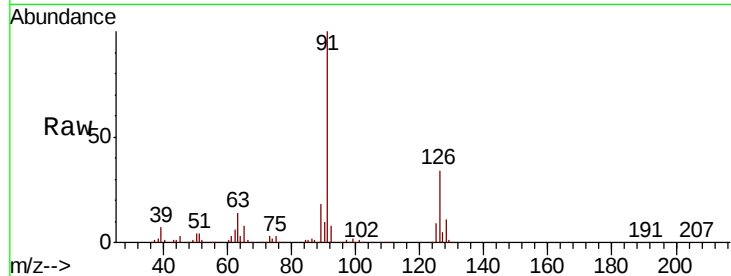
ClientSampleId :

Tot Ion: 91 Resp: 599232

Ion Ratio Lower Upper

91 100

126 34.3 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 49.651 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000925.D

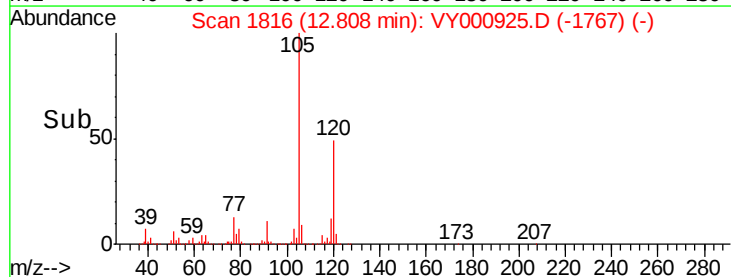
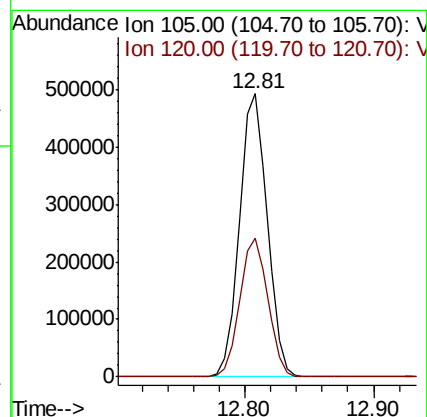
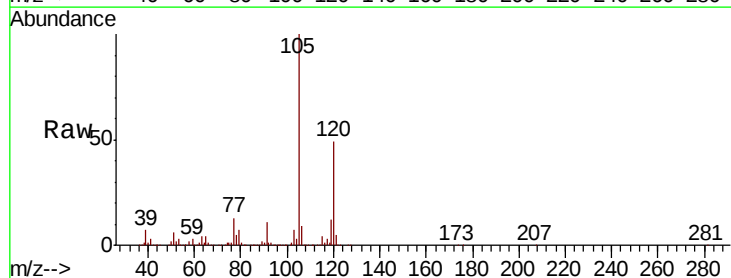
Acq: 09 Dec 2019 20:08

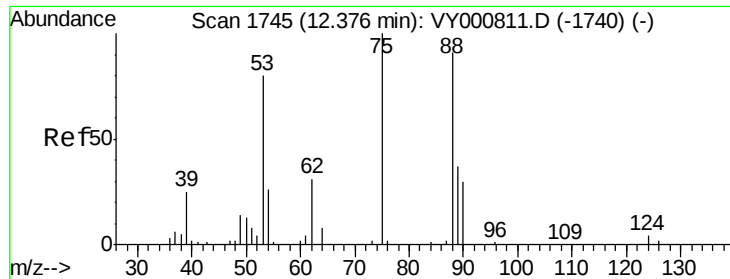
Tgt Ion: 105 Resp: 735556

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.529 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampled :

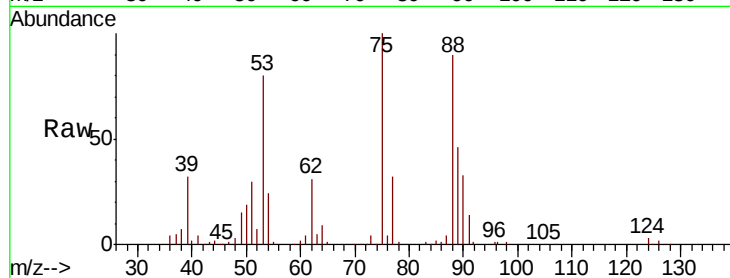
Tot Ion: 75 Resp: 66790

Ion Ratio Lower Upper

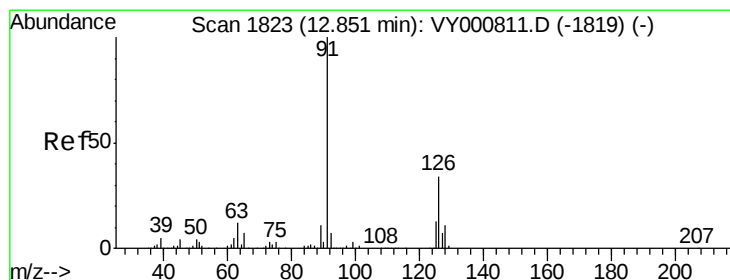
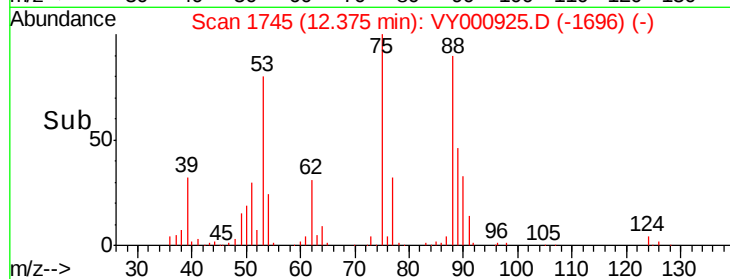
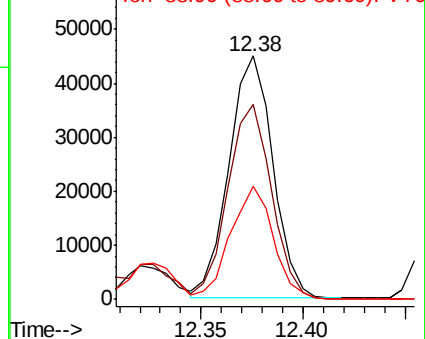
75 100

53 80.9 64.6 96.8

89 45.8 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.990 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000925.D

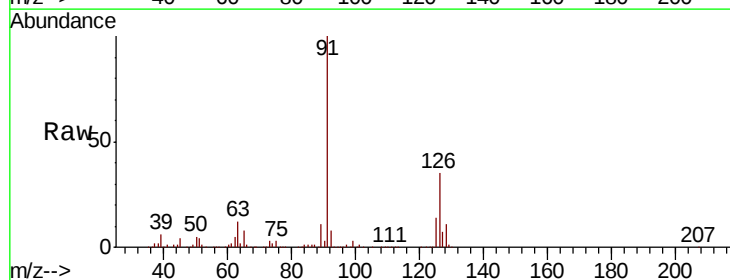
Acq: 09 Dec 2019 20:08

Tgt Ion: 91 Resp: 634043

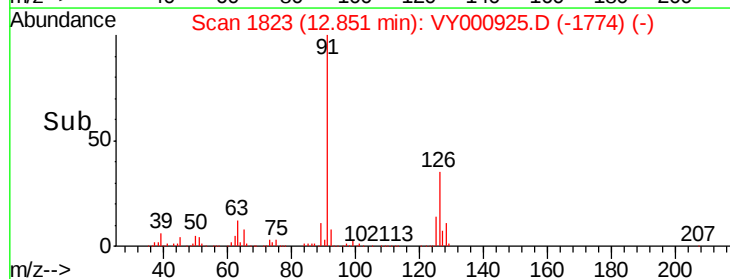
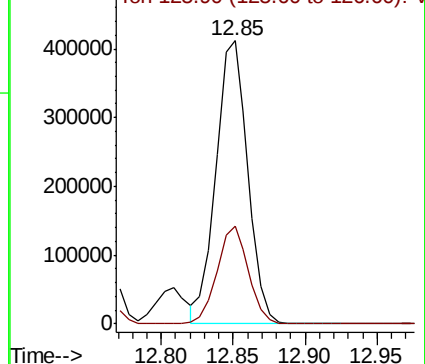
Ion Ratio Lower Upper

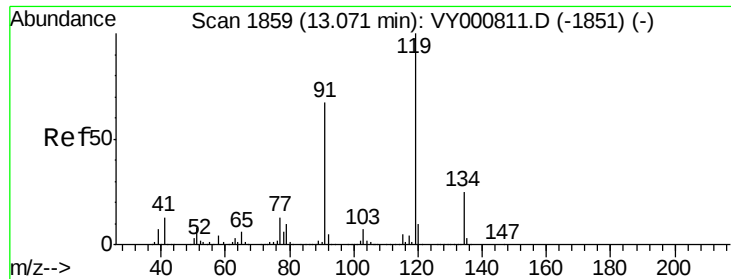
91 100

126 34.0 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

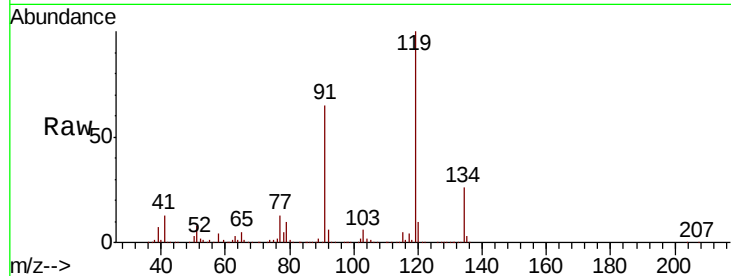




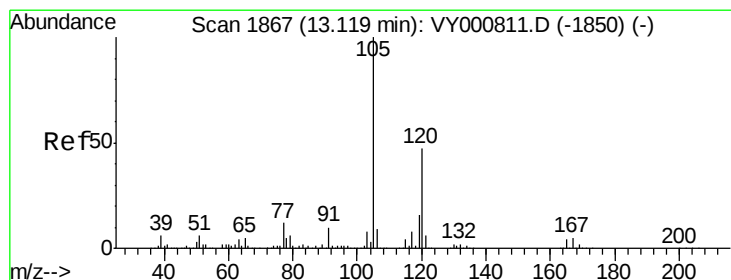
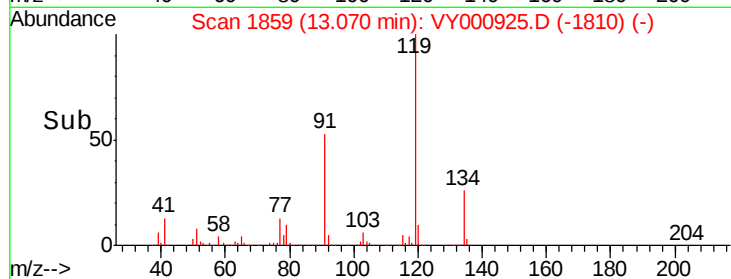
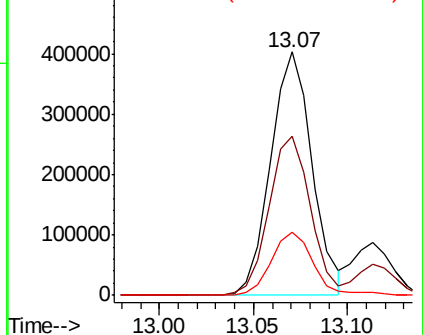
#83
tert-Butylbenzene
Concen: 49.219 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 613034
Ion Ratio Lower Upper
119 100
91 65.6 32.3 96.8
134 26.5 12.9 38.7

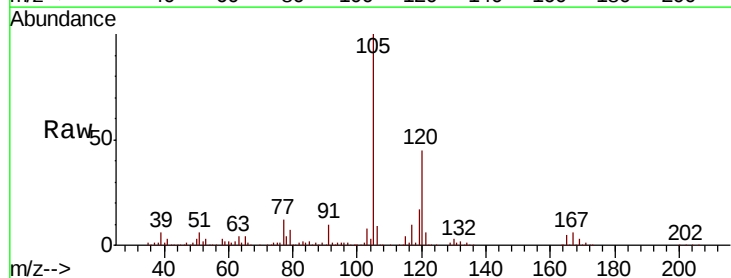


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

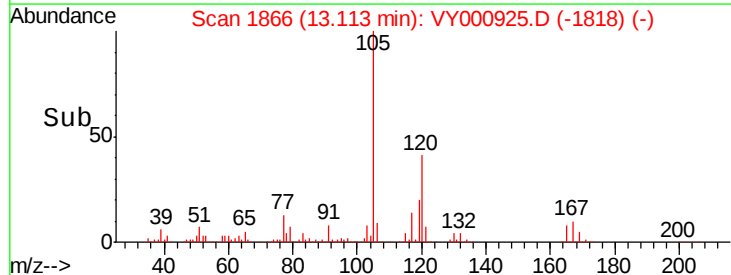
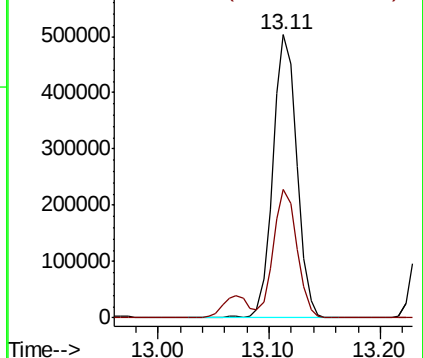


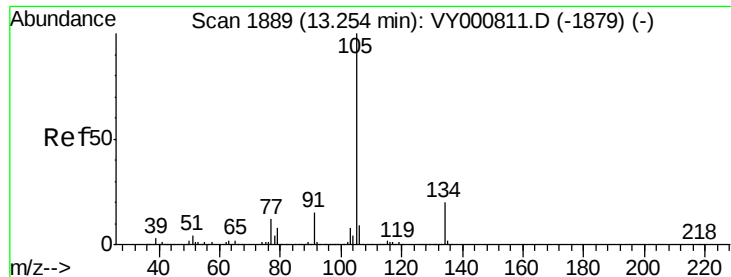
#84
1,2,4-Trimethylbenzene
Concen: 50.626 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion:105 Resp: 750363
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8



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





#85

sec-Butylbenzene

Concen: 49.473 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

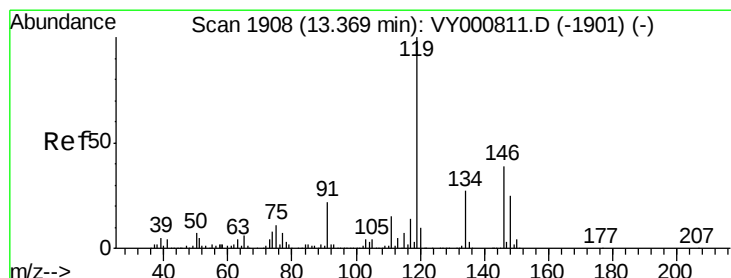
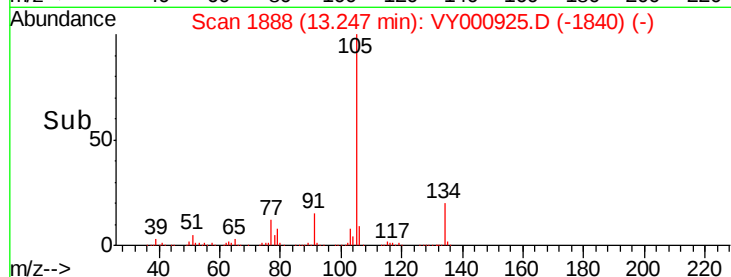
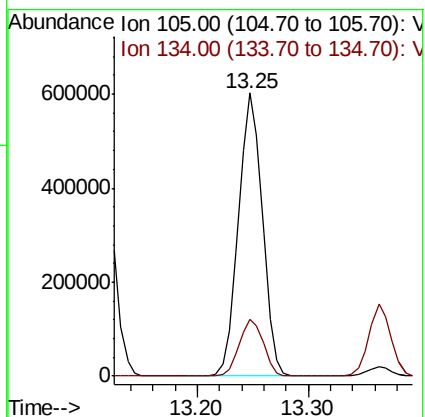
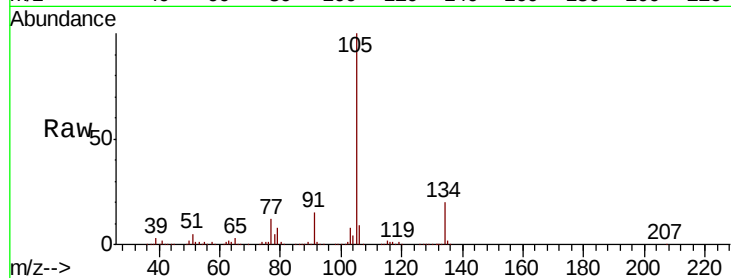
ClientSampled :

Tot Ion:105 Resp: 896173

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.513 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

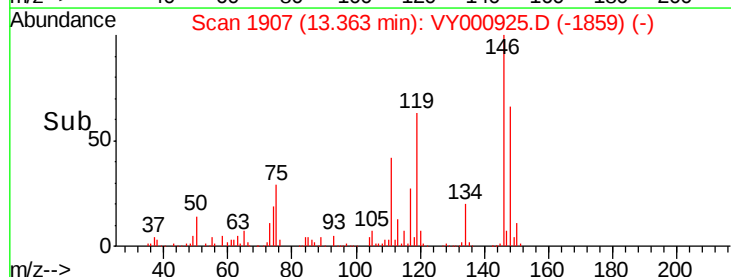
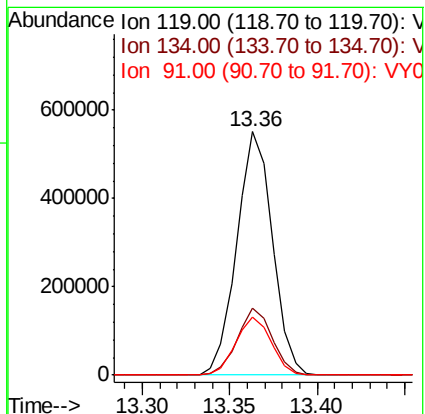
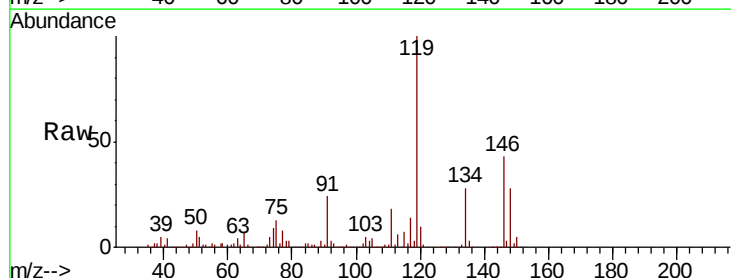
Tgt Ion:119 Resp: 780093

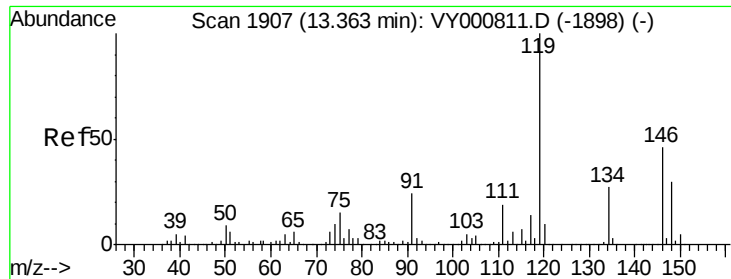
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 23.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 50.829 ug/l

RT: 13.36 min Scan# 1906

Delta R.T. -0.01 min

Lab File: VY000925.D

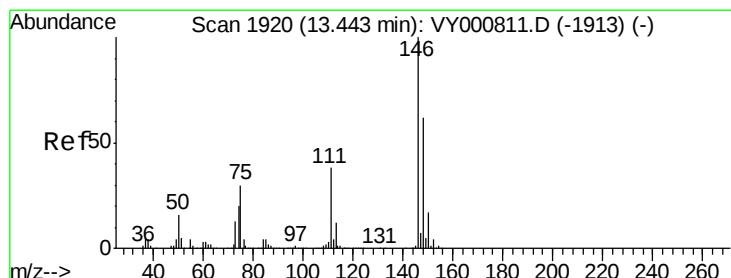
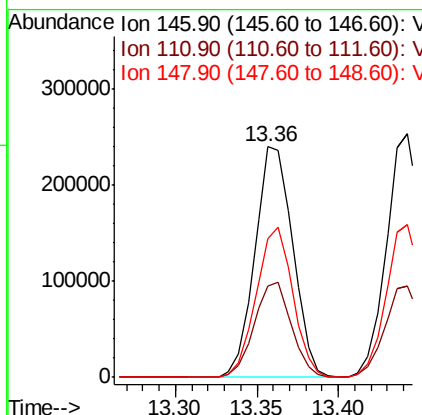
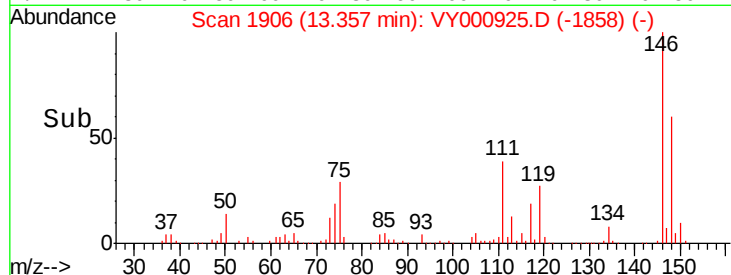
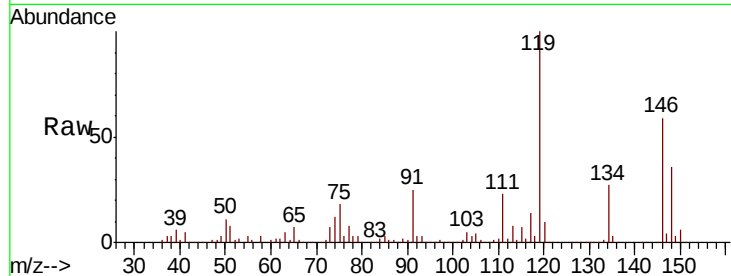
Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	146	Resp:	386730
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	62.8	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 51.569 ug/l

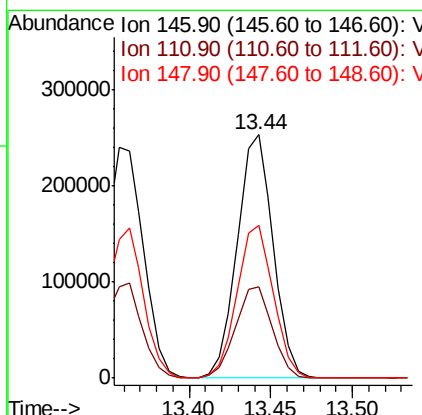
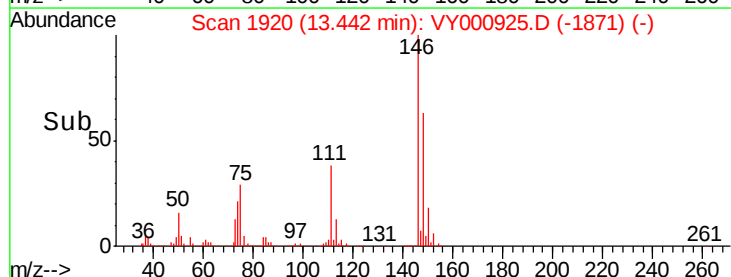
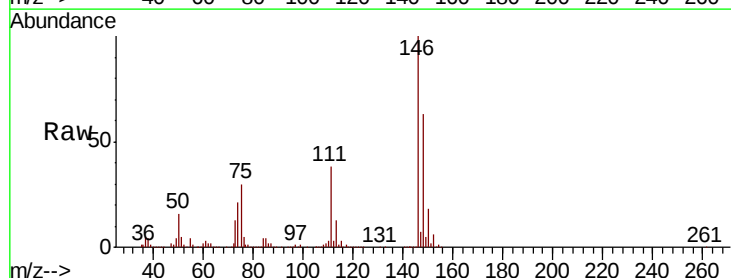
RT: 13.44 min Scan# 1920

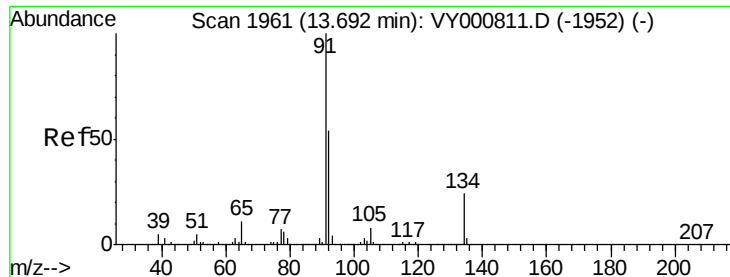
Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion:	146	Resp:	388495
Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.0	59.9
148	63.4	31.7	95.1

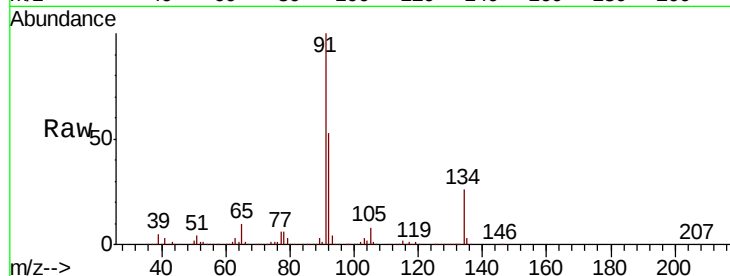




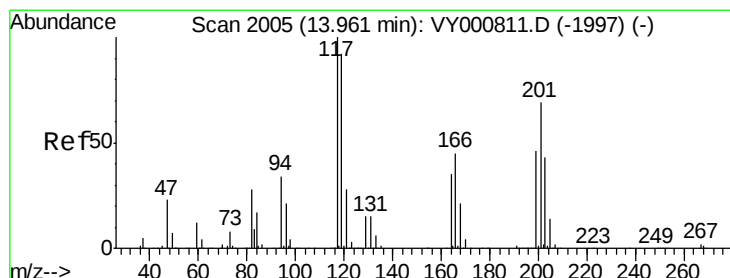
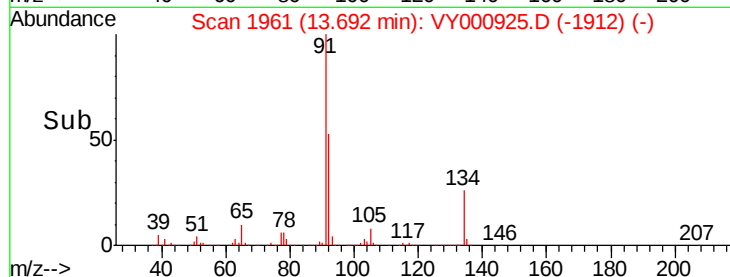
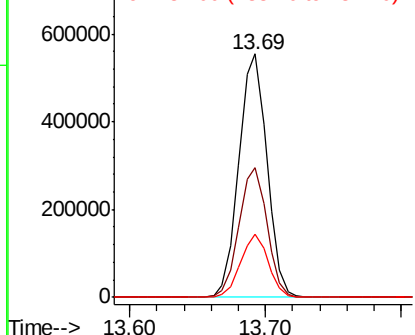
#89
n-Butylbenzene
Concen: 50.158 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 799003
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 25.3 12.6 37.6

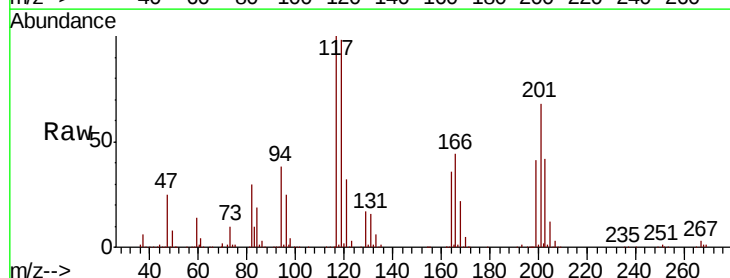


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

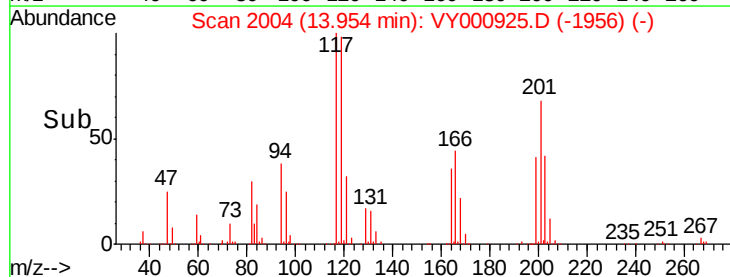
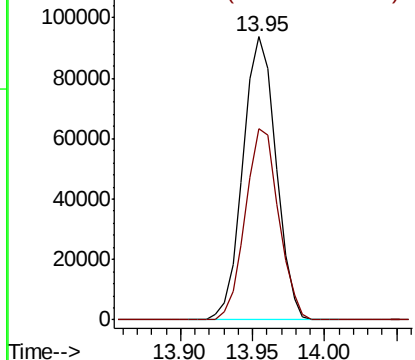


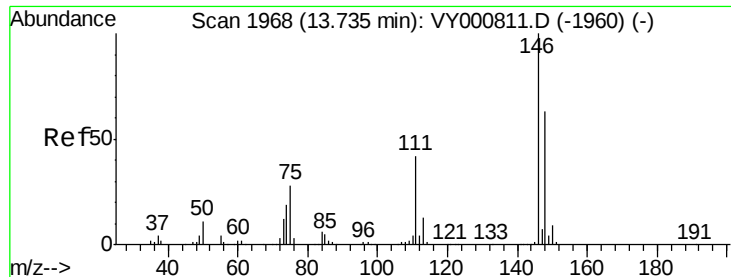
#90
Hexachloroethane
Concen: 51.416 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 117 Resp: 149226
Ion Ratio Lower Upper
117 100
201 68.0 34.0 102.0



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

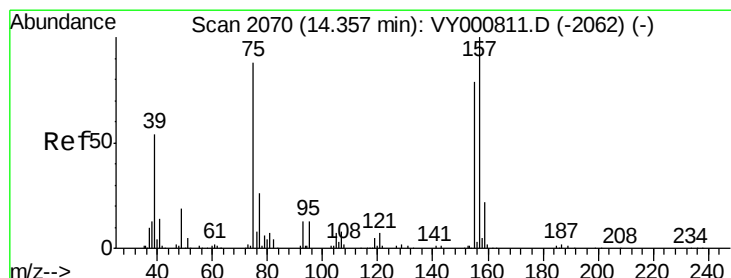
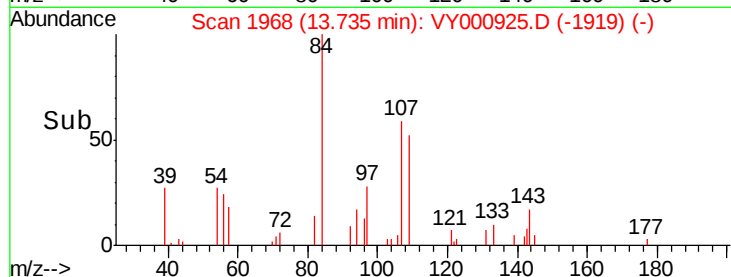
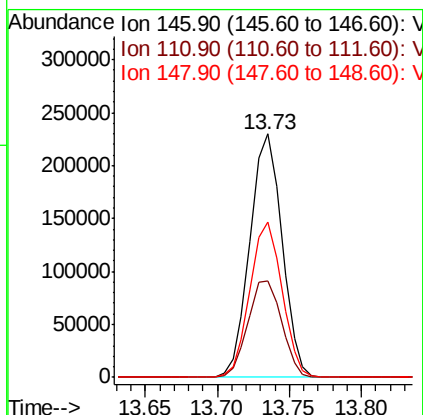
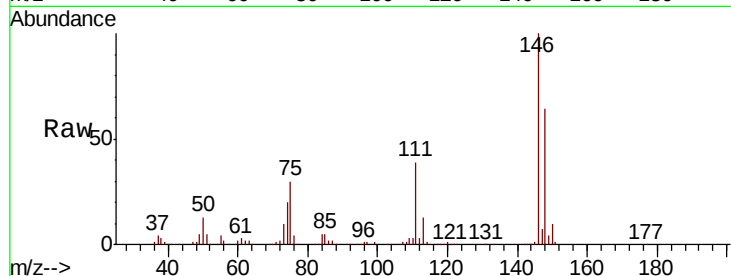




#91
 1,2-Dichlorobenzene
 Concen: 51.867 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

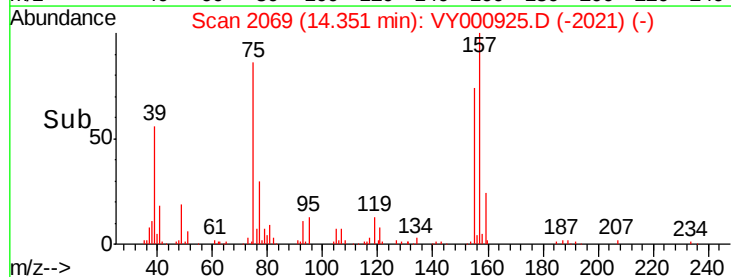
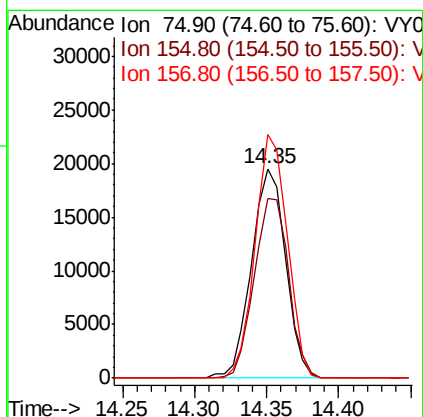
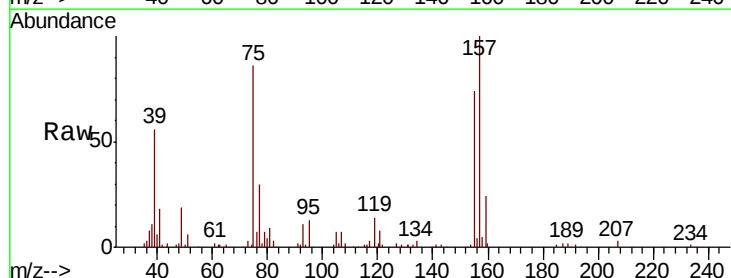
Instrument :
 MSVOA_Y
 ClientSampleId :

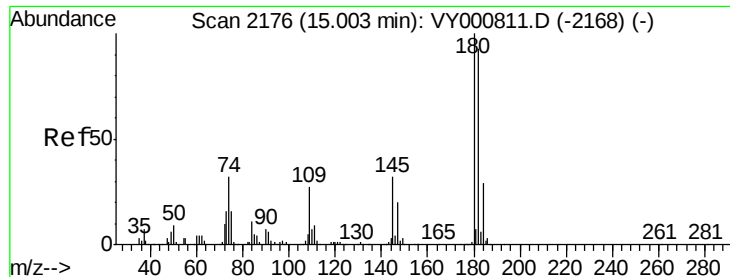
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.9	62.7
148	64.0	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.151 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	44.3	132.9
157	109.4	56.3	168.9

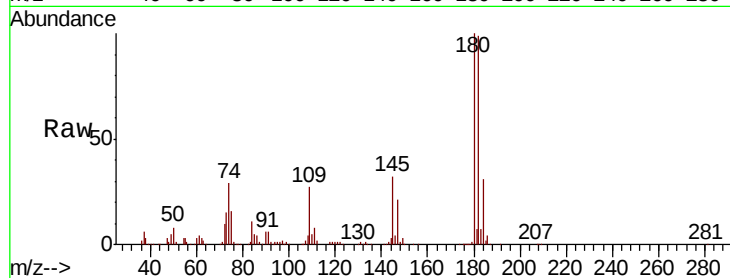




#93
 1,2,4-Trichlorobenzene
 Concen: 51.832 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.9
145	31.4	16.0	47.9

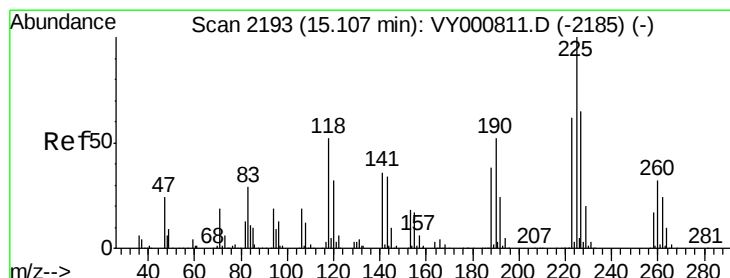
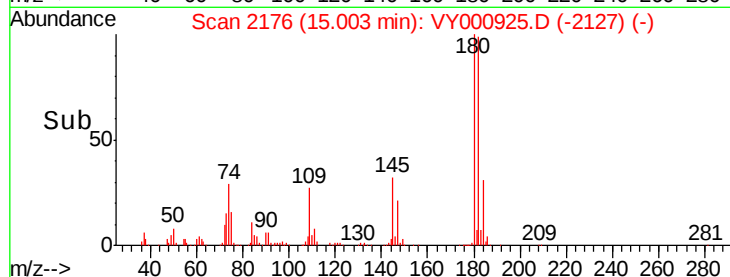
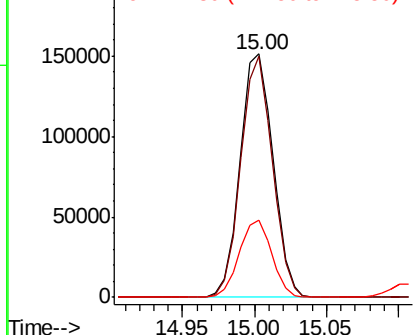


Abundance

Ion 179.80 (179.50 to 180.50): V

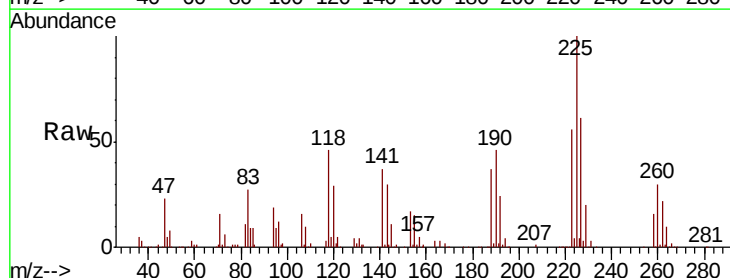
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.195 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.4	94.3
227	62.3	31.8	95.3

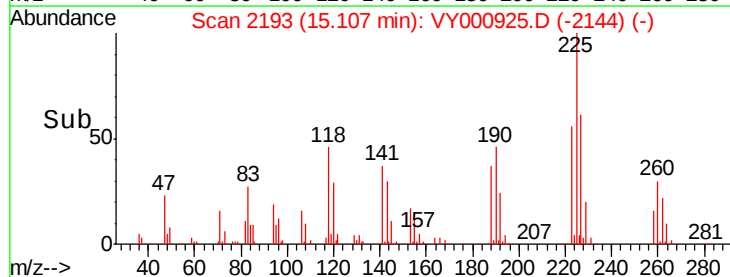
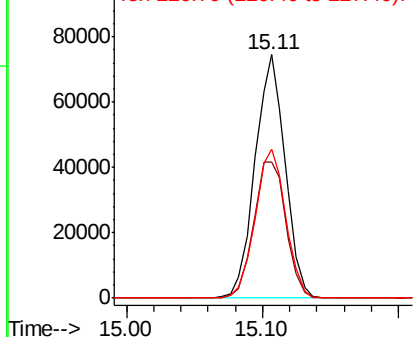


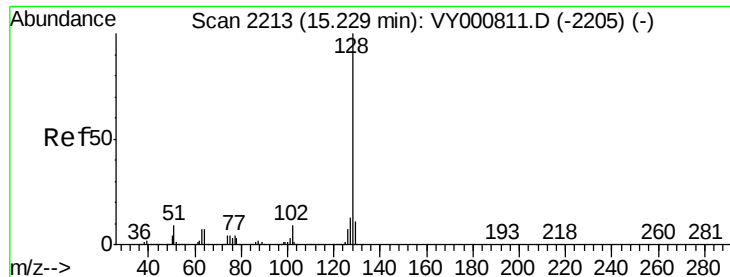
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.858 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

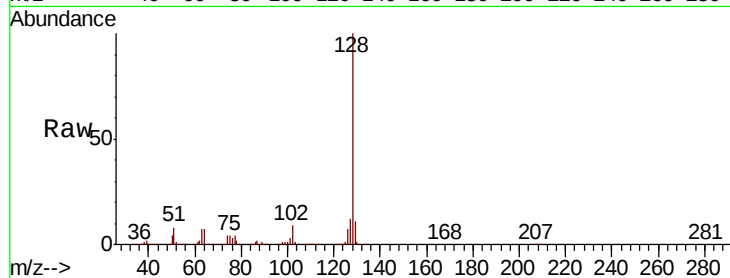
Tot Ion:128 Resp: 579133

Ion Ratio Lower Upper

128 100

127 12.1 10.1 15.1

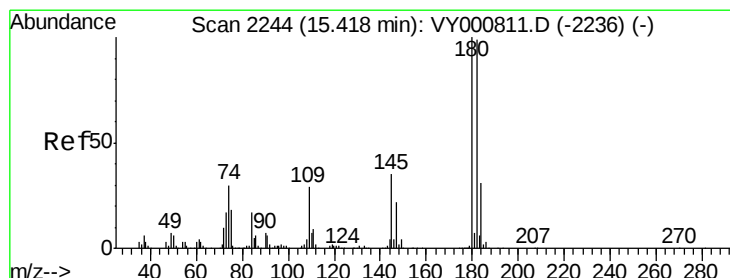
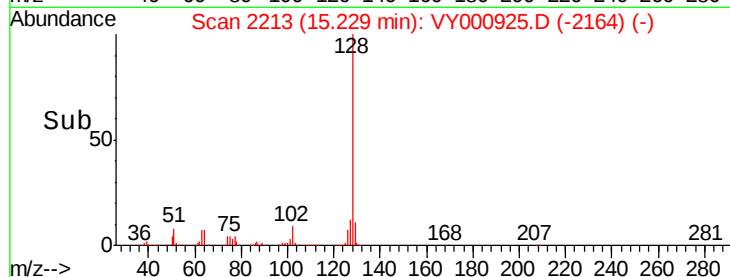
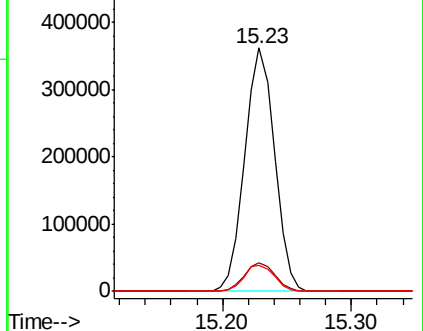
129 11.0 8.8 13.2



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: 52.962 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

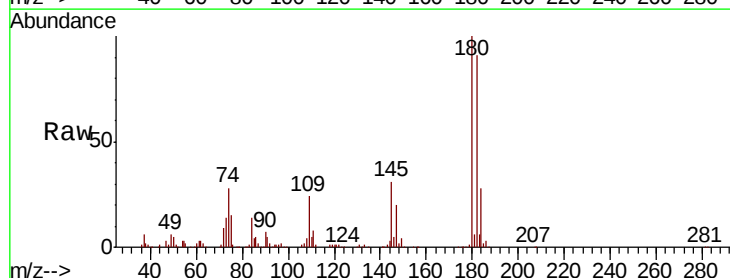
Tgt Ion:180 Resp: 219074

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.0

145 32.8 16.9 50.6



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

