

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000850.D
 Acq On : 03 Dec 2019 19:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 04 00:59:44 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	281868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	515196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	217461	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	160777	53.68	ug/l	0.00
Spiked Amount			Recovery	=	107.36%	
35) Dibromofluoromethane	7.73	113	146572	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	10.18	98	622012	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.48	95	219107	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	142433	46.942	ug/l	98
3) Chloromethane	2.11	50	191369	51.165	ug/l	98
4) Vinyl Chloride	2.25	62	189033	51.282	ug/l	98
5) Bromomethane	2.65	94	121504	55.504	ug/l	97
6) Chloroethane	2.79	64	120004	53.098	ug/l	97
7) Trichlorofluoromethane	3.13	101	266040	52.663	ug/l	97
8) Diethyl Ether	3.54	74	104341	54.878	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	161675	51.825	ug/l	98
10) Methyl Iodide	4.10	142	212351	54.064	ug/l	98
11) Tert butyl alcohol	4.97	59	80860	268.345	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	162245	52.497	ug/l	98
13) Acrolein	3.74	56	65624	221.084	ug/l	98
14) Allyl chloride	4.49	41	298099	56.254	ug/l	98
15) Acrylonitrile	5.18	53	278808	283.976	ug/l	98
16) Acetone	3.96	43	195198	284.102	ug/l	98
17) Carbon Disulfide	4.20	76	517386	51.762	ug/l	99
18) Methyl Acetate	4.49	43	163023	56.746	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	472187	57.209	ug/l	98
20) Methylene Chloride	4.72	84	195470	53.972	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	188718	53.724	ug/l	99
22) Diisopropyl ether	6.13	45	638599	58.633	ug/l	98
23) Vinyl Acetate	6.07	43	1954166	295.132	ug/l	99
24) 1,1-Dichloroethane	6.03	63	337573	56.234	ug/l	98
25) 2-Butanone	7.00	43	356734	281.070	ug/l	97
26) 2,2-Dichloropropane	6.99	77	262289	51.914	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	216274	56.958	ug/l	98
28) Bromochloromethane	7.35	49	135075	60.912	ug/l	94
29) Tetrahydrofuran	7.36	42	249473	296.625	ug/l	98
30) Chloroform	7.52	83	325950	54.127	ug/l	98
31) Cyclohexane	7.79	56	325498	51.185	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	276880	55.681	ug/l	99
36) 1,1-Dichloropropene	7.93	75	261217	50.993	ug/l	98
37) Ethyl Acetate	7.09	43	160482	54.256	ug/l	99
38) Carbon Tetrachloride	7.91	117	236179	51.771	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	339837	50.073	ug/l	96
40) Benzene	8.17	78	794996	53.280	ug/l	98
41) Methacrylonitrile	7.35	41	220878	141.684	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	217820	55.508	ug/l	98
43) Isopropyl Acetate	8.28	43	301085	54.016	ug/l	98
44) Trichloroethene	8.95	130	204118	53.229	ug/l	90
45) 1,2-Dichloropropane	9.22	63	206804	55.178	ug/l	96
46) Dibromomethane	9.31	93	106707	54.490	ug/l	99
47) Bromodichloromethane	9.50	83	253212	55.042	ug/l	99
48) Methyl methacrylate	9.30	41	135250	55.180	ug/l	95
49) 1,4-Dioxane	9.30	88	30468	1098.053	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	814702	282.886	ug/l	98
52) Toluene	10.25	92	492422	53.301	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	279938	56.640	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	320853	54.922	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	157621	54.479	ug/l	94
56) Ethyl methacrylate	10.51	69	241771	58.415	ug/l	99
57) 1,3-Dichloropropane	10.79	76	280258	55.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	410257	245.834	ug/l	100
59) 2-Hexanone	10.83	43	564140	268.822	ug/l	100
60) Dibromochloromethane	10.99	129	175281	56.277	ug/l	99
61) 1,2-Dibromoethane	11.09	107	151255	55.472	ug/l	100
64) Tetrachloroethene	10.72	164	214251	52.169	ug/l	98
65) Chlorobenzene	11.52	112	518264	52.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	183059	55.284	ug/l	99
67) Ethyl Benzene	11.59	91	951088	51.975	ug/l	99
68) m/p-Xylenes	11.70	106	711360	103.570	ug/l	100
69) o-Xylene	12.03	106	344222	53.750	ug/l	99
70) Styrene	12.04	104	597681	54.505	ug/l	99
71) Bromoform	12.20	173	100856	54.005	ug/l #	99
73) Isopropylbenzene	12.33	105	903351	52.172	ug/l	100
74) N-amyl acetate	12.14	43	266680	55.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	182453	53.480	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	259093	105.159	ug/l #	100
77) Bromobenzene	12.61	156	204070	54.372	ug/l	99
78) n-propylbenzene	12.67	91	1100083	52.034	ug/l	99
79) 2-Chlorotoluene	12.75	91	614202	52.587	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	747598	52.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	69302	55.251	ug/l	97
82) 4-Chlorotoluene	12.85	91	640658	53.241	ug/l	99
83) tert-Butylbenzene	13.07	119	634446	52.638	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	758443	52.879	ug/l	99
85) sec-Butylbenzene	13.25	105	916620	52.290	ug/l	100
86) p-Isopropyltoluene	13.37	119	798722	52.386	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	387986	52.696	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	396489	54.387	ug/l	99
89) n-Butylbenzene	13.69	91	804123	52.164	ug/l	100
90) Hexachloroethane	13.96	117	152806	54.406	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	359602	54.298	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31582	55.294	ug/l	96

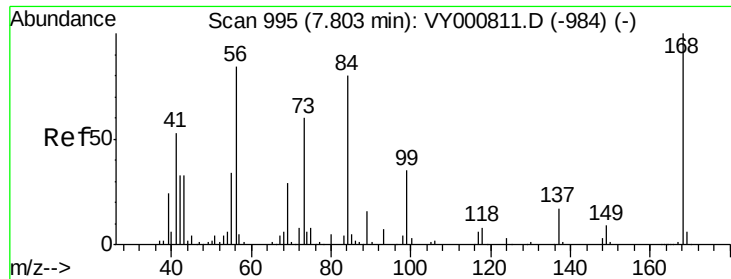
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	237866	53.078	ug/l	99
94) Hexachlorobutadiene	15.11	225	114147	51.374	ug/l	99
95) Naphthalene	15.23	128	572382	55.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	218080	54.481	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

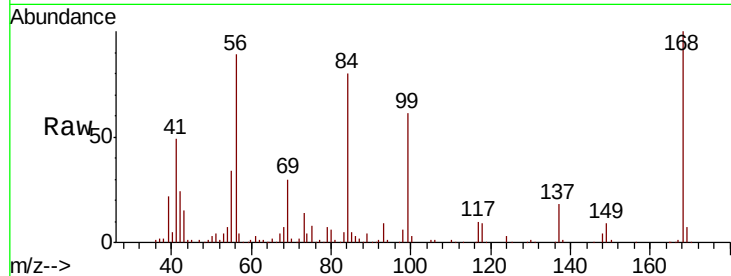
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 281868

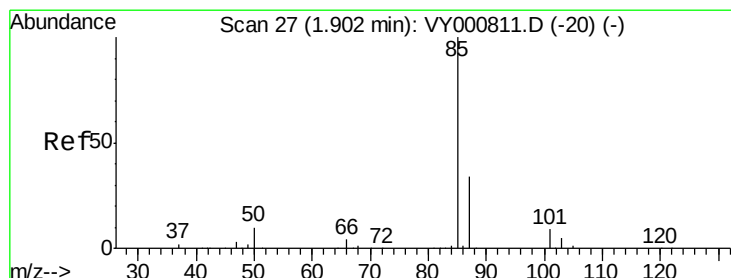
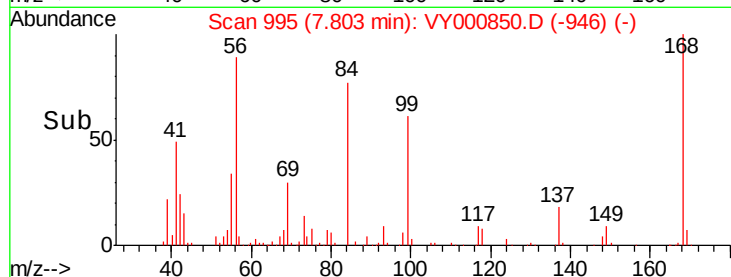
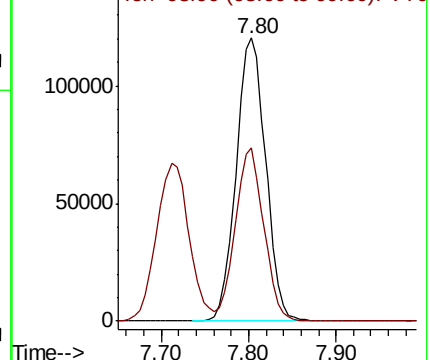
Ion Ratio Lower Upper

168 100

99 61.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000850.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 46.942 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000850.D

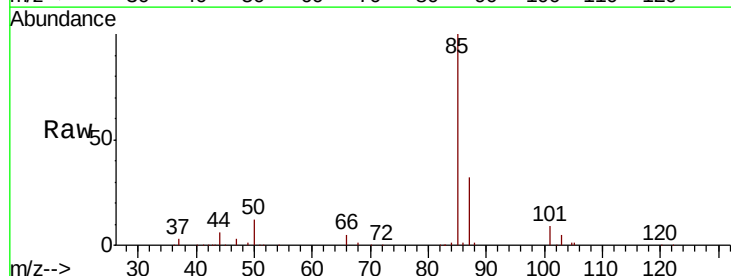
Acq: 03 Dec 2019 19:38

Tgt Ion: 85 Resp: 142433

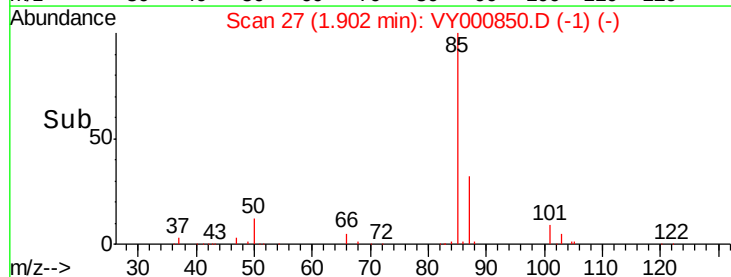
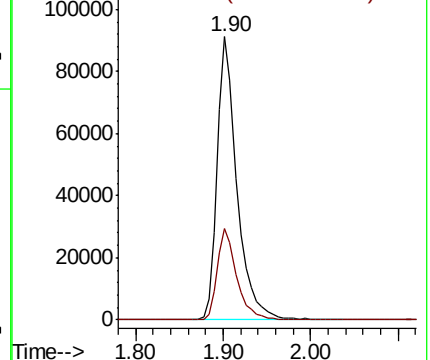
Ion Ratio Lower Upper

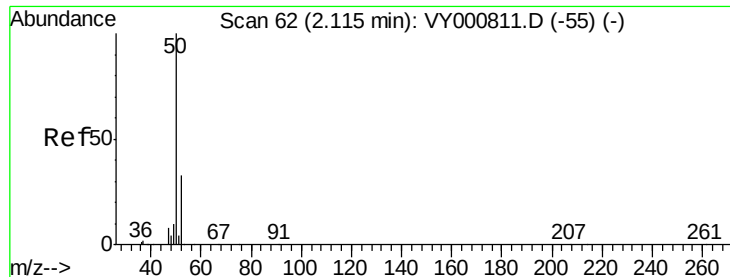
85 100

87 32.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000850.D (-1) (-)





#3

Chloromethane

Concen: 51.165 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

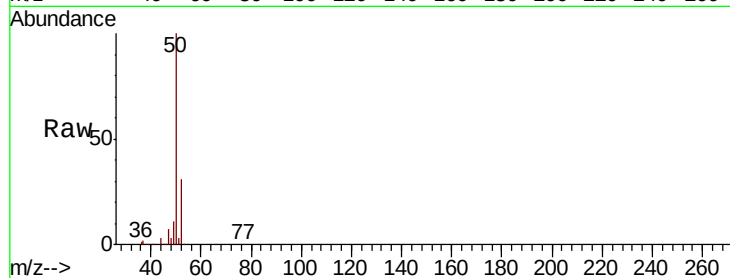
ClientSampleId :

Tot Ion: 50 Resp: 191369

Ion Ratio Lower Upper

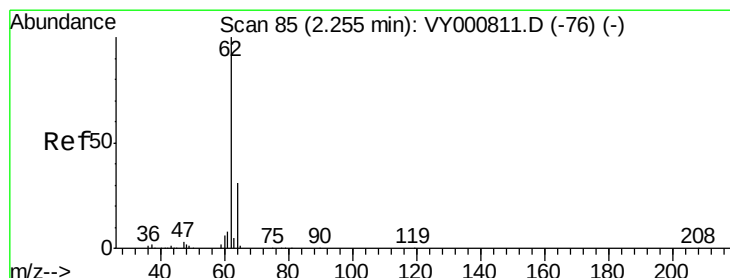
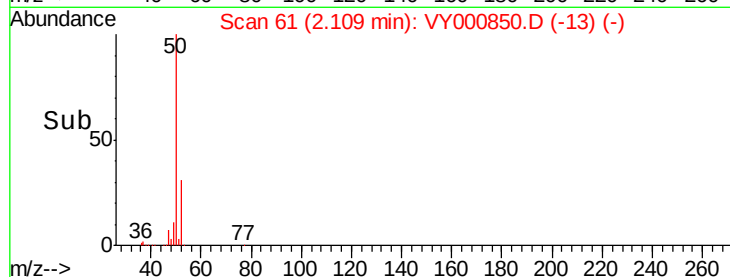
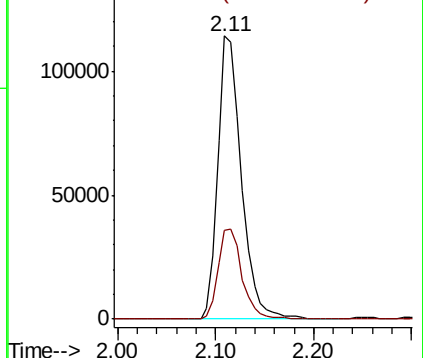
50 100

52 31.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.282 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000850.D

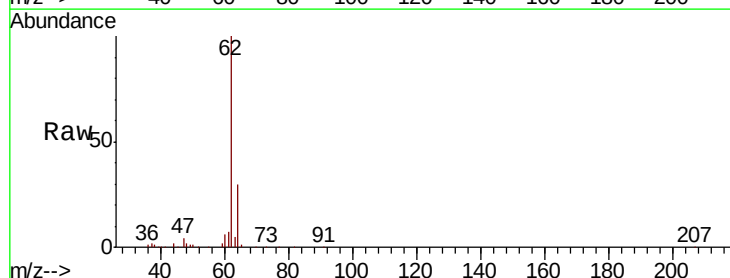
Acq: 03 Dec 2019 19:38

Tgt Ion: 62 Resp: 189033

Ion Ratio Lower Upper

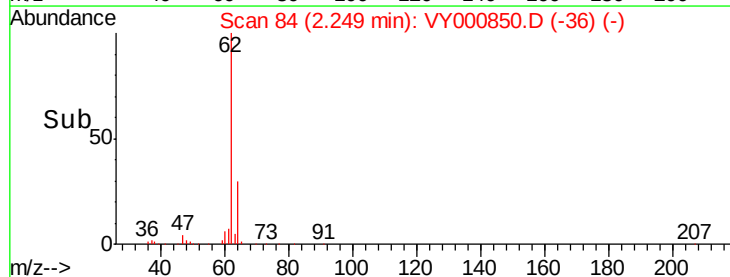
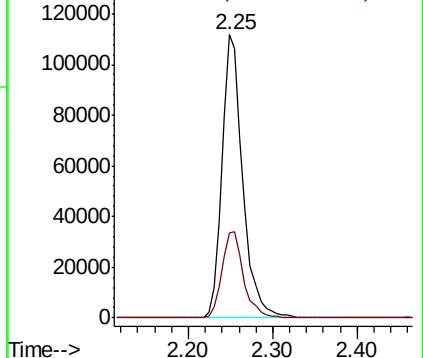
62 100

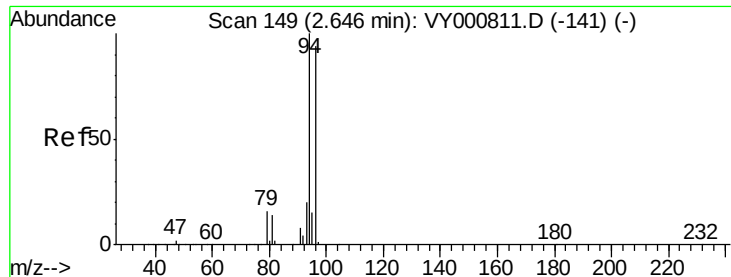
64 30.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 55.504 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

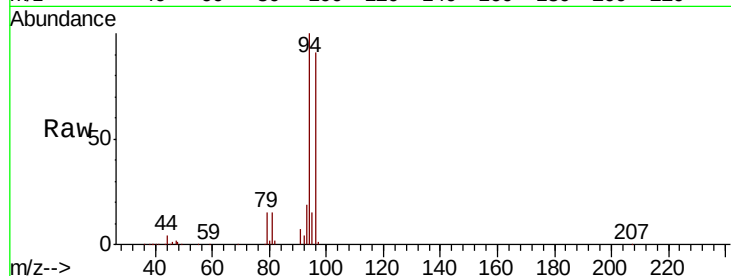
ClientSampleId :

Tot Ion: 94 Resp: 121504

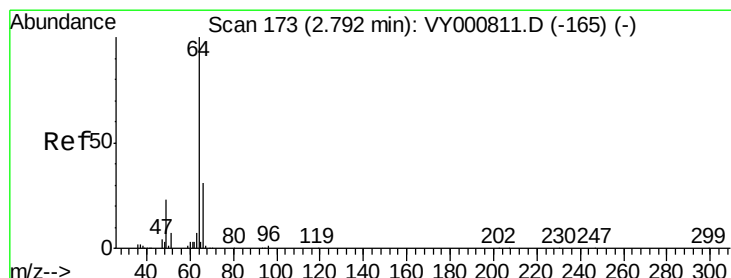
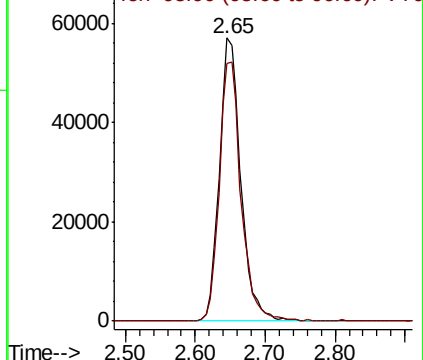
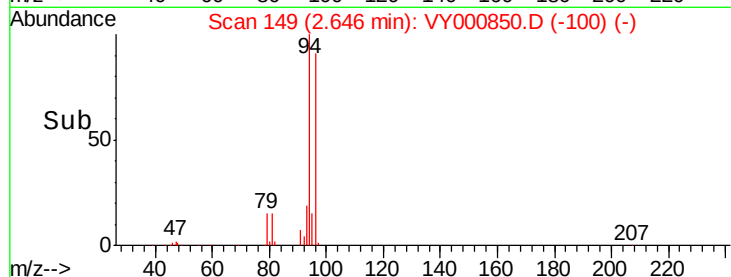
Ion Ratio Lower Upper

94 100

96 91.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY000850.D (-100) (-)



#6

Chloroethane

Concen: 53.098 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000850.D

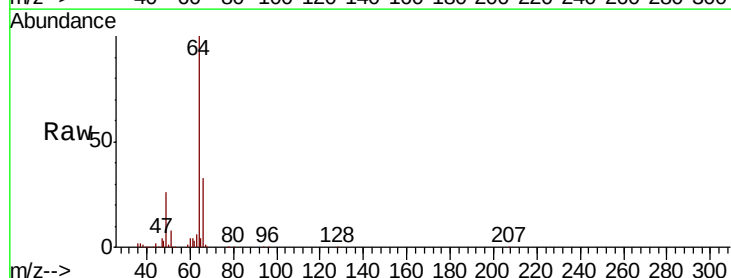
Acq: 03 Dec 2019 19:38

Tgt Ion: 64 Resp: 120004

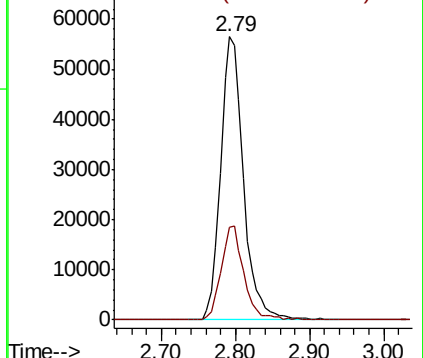
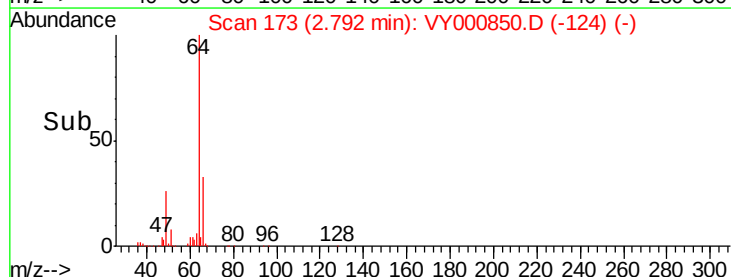
Ion Ratio Lower Upper

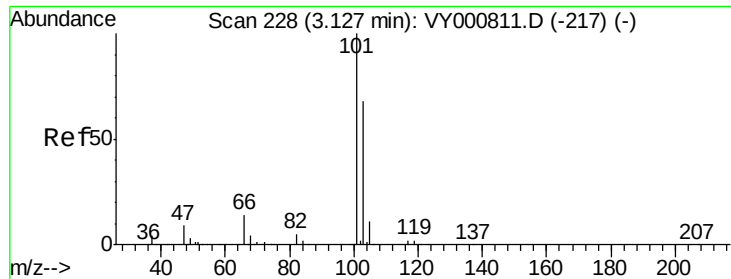
64 100

66 33.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY000850.D (-124) (-)



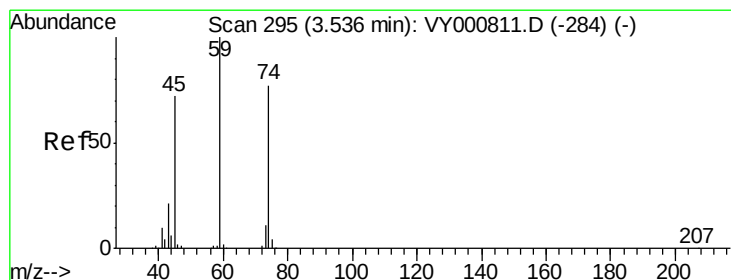
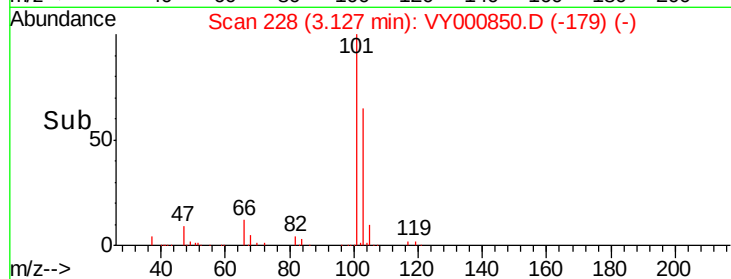
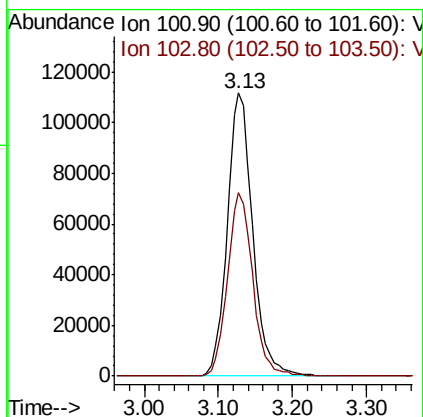
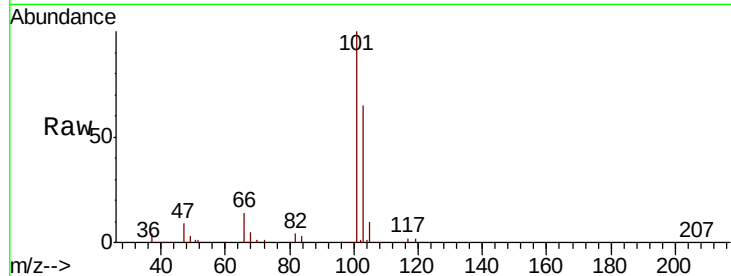


#7

Trichlorofluoromethane
 Concen: 52.663 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampled :

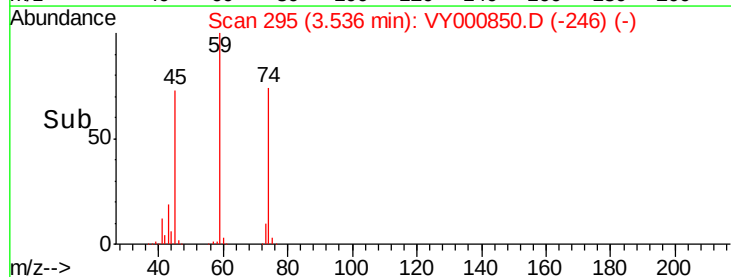
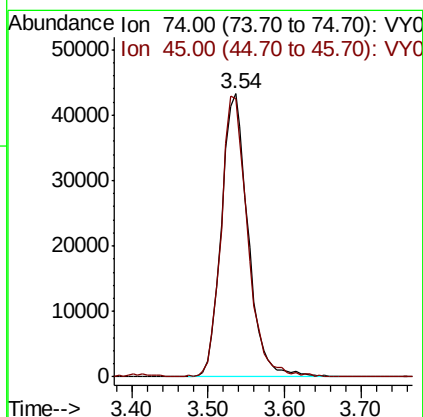
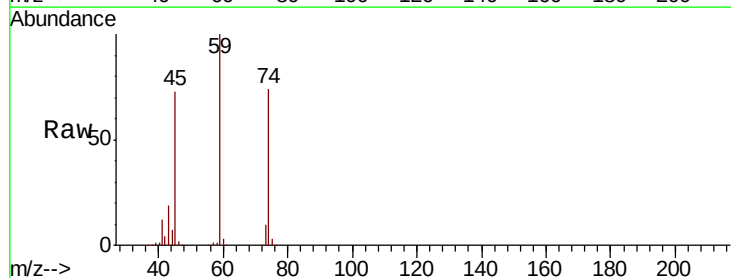
Tot Ion:101 Resp: 266040
 Ion Ratio Lower Upper
 101 100
 103 64.9 54.2 81.2

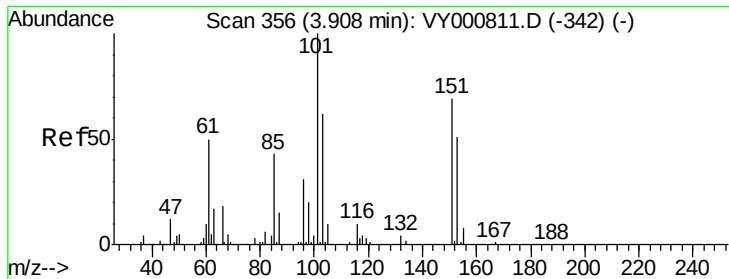


#8

Diethyl Ether
 Concen: 54.878 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion: 74 Resp: 104341
 Ion Ratio Lower Upper
 74 100
 45 98.9 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.825 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

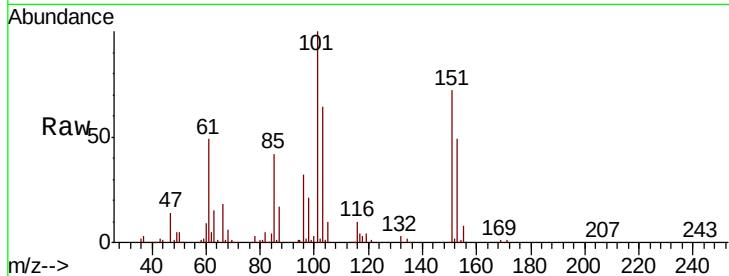
Tot Ion:101 Resp: 161675

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

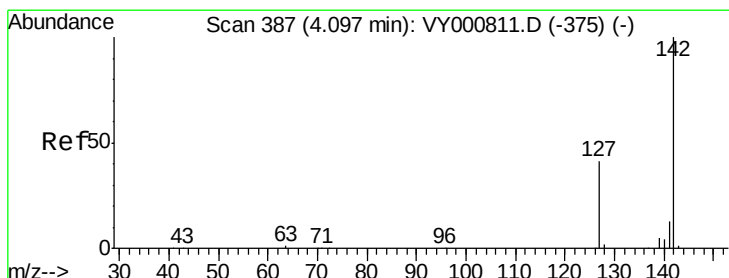
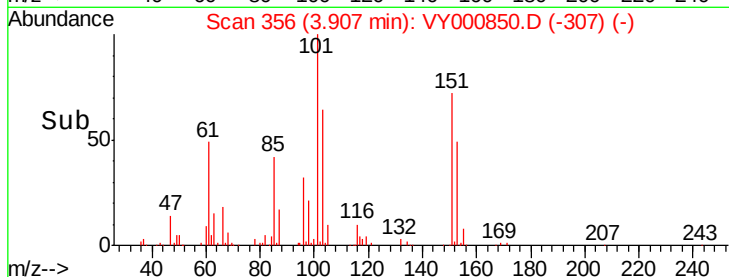
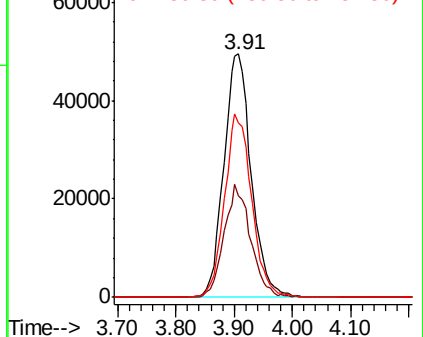
151 74.6 58.2 87.2



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: 54.064 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

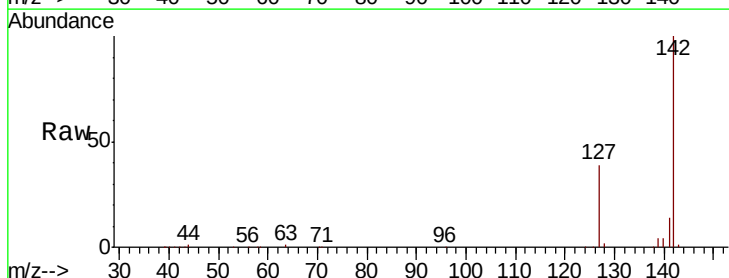
Tgt Ion:142 Resp: 212351

Ion Ratio Lower Upper

142 100

127 41.0 33.8 50.8

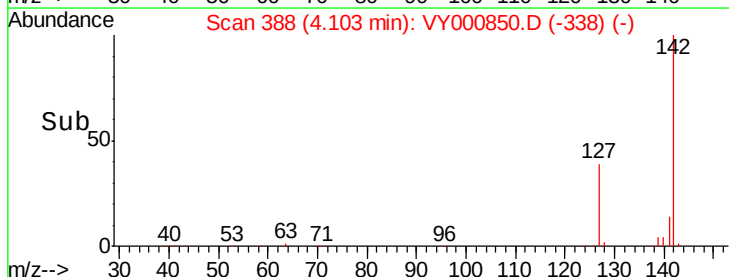
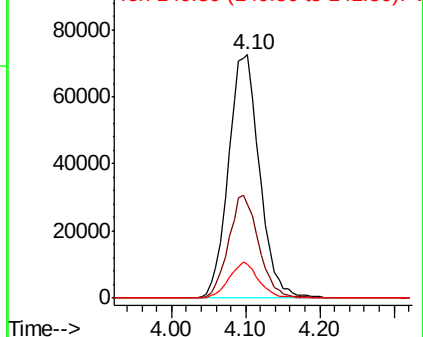
141 14.0 10.9 16.3

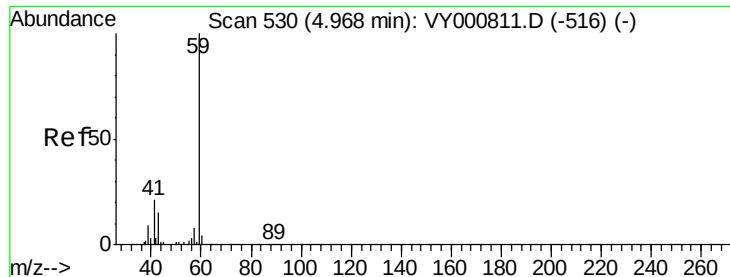


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



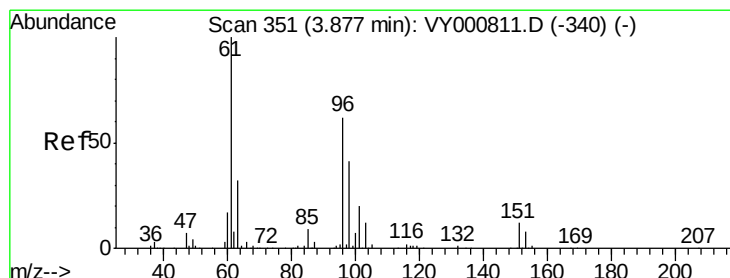
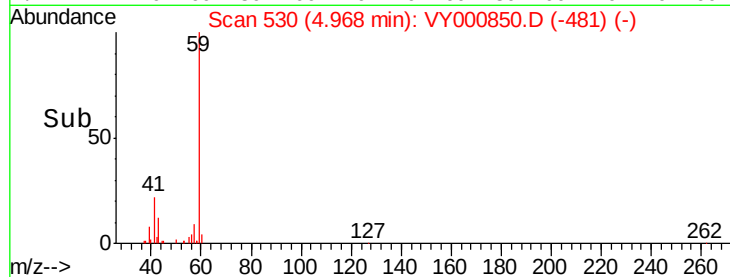
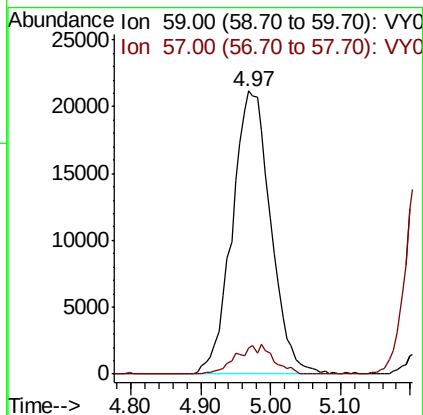
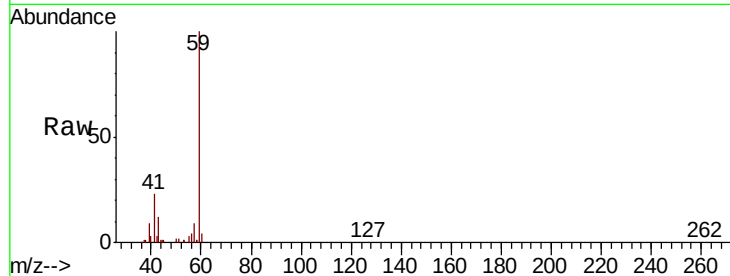


#11

Tert butyl alcohol
 Concen: 268.345 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :

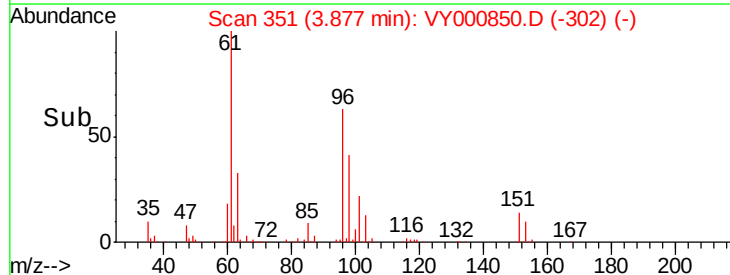
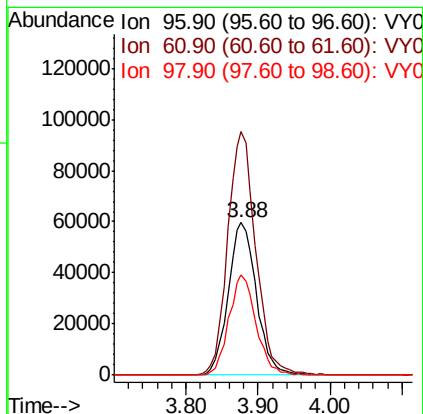
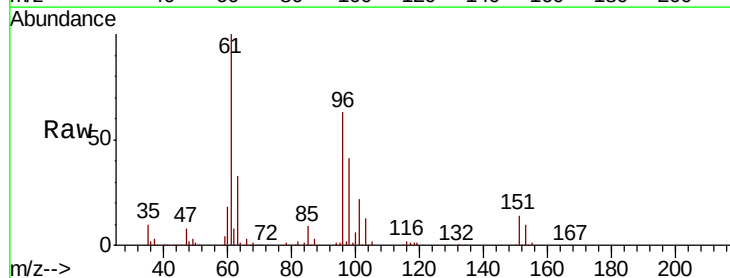
Tot Ion: 59 Resp: 80860
 Ion Ratio Lower Upper
 59 100
 57 5.9 7.8 11.6#

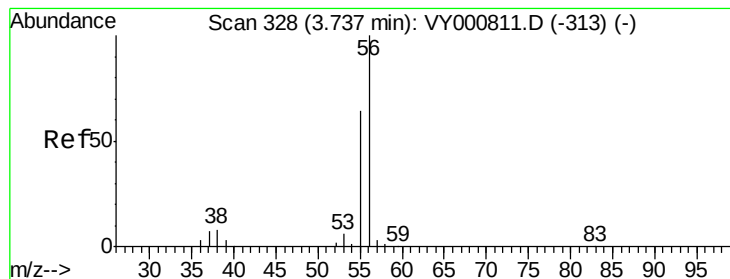


#12

1,1-Dichloroethene
 Concen: 52.497 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion: 96 Resp: 162245
 Ion Ratio Lower Upper
 96 100
 61 159.5 129.4 194.2
 98 65.4 53.4 80.0





#13

Acrolein

Concen: 221.084 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

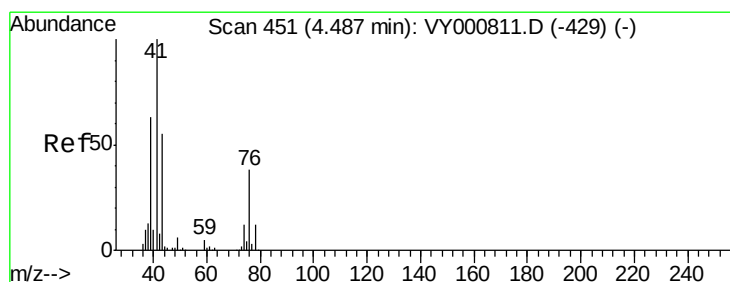
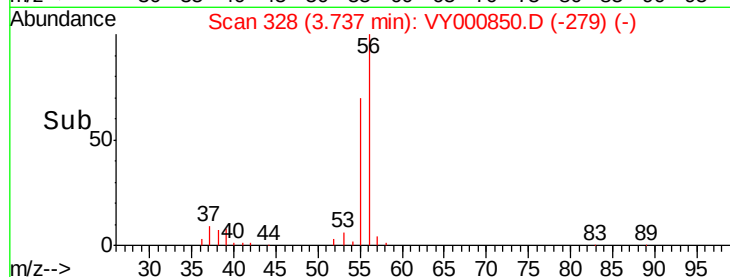
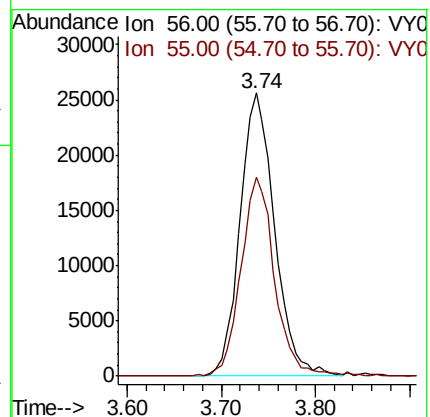
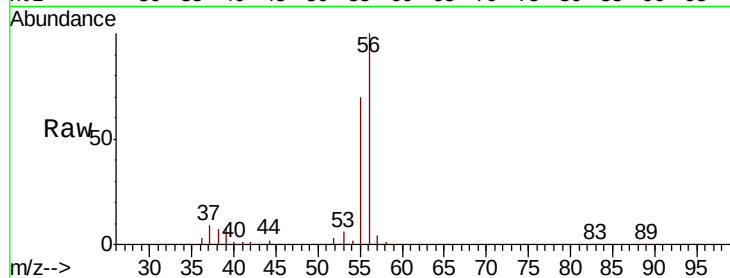
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 65624

Ion Ratio Lower Upper

56 100

55 68.2 55.7 83.5



#14

Allyl chloride

Concen: 56.254 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

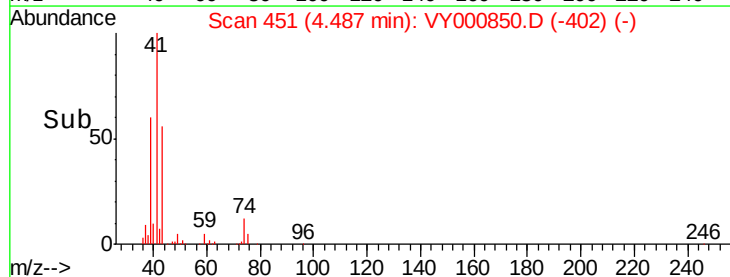
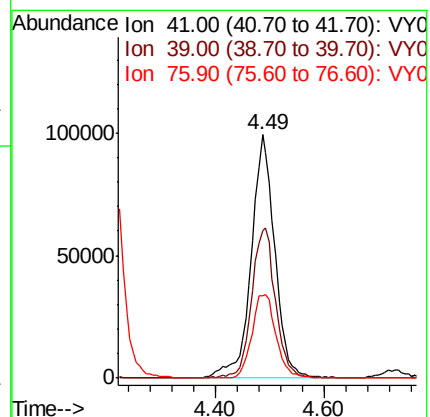
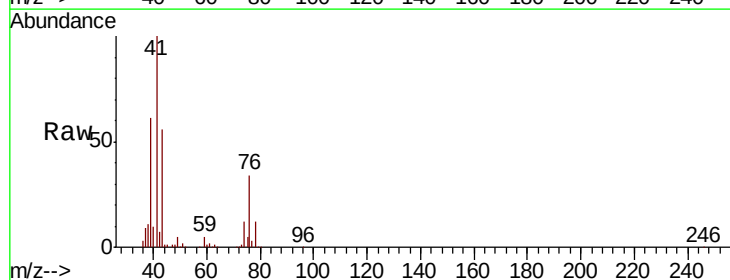
Tgt Ion: 41 Resp: 298099

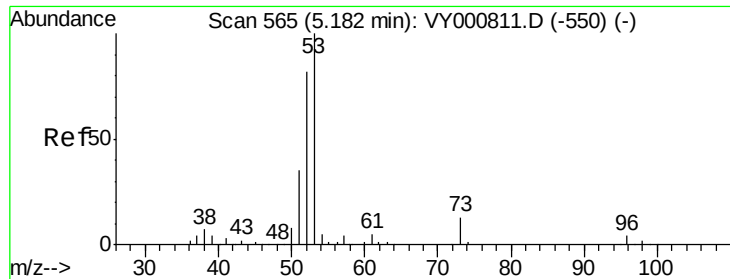
Ion Ratio Lower Upper

41 100

39 62.5 49.2 73.8

76 35.2 29.2 43.8





#15

Acrylonitrile

Concen: 283.976 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampled :

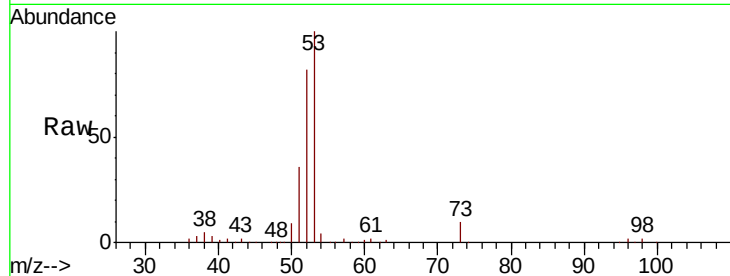
Tot Ion: 53 Resp: 278808

Ion Ratio Lower Upper

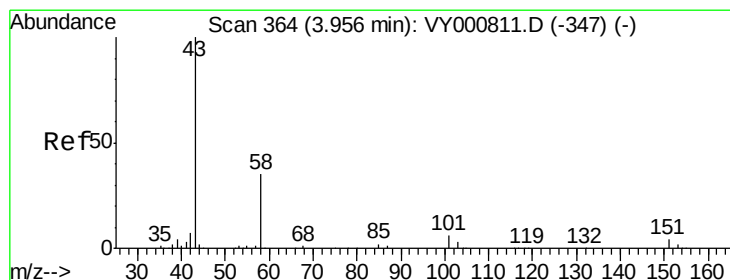
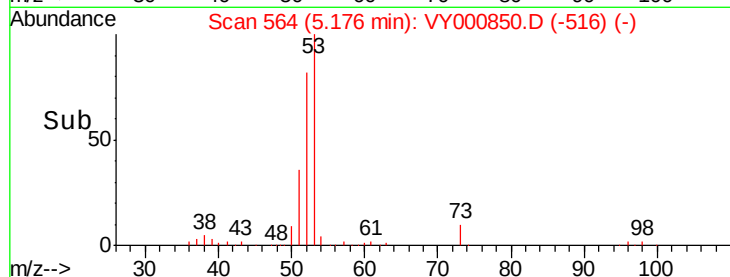
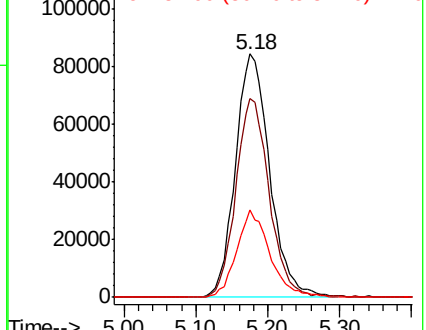
53 100

52 79.5 65.1 97.7

51 34.8 29.0 43.4



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



#16

Acetone

Concen: 284.102 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000850.D

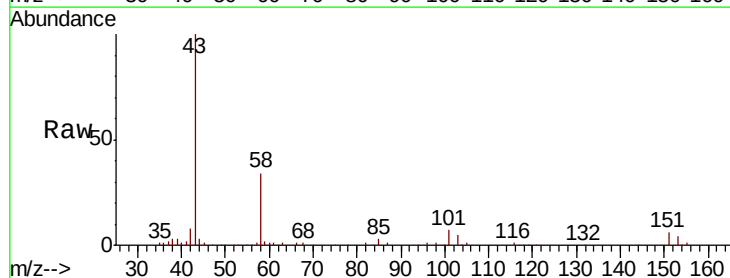
Acq: 03 Dec 2019 19:38

Tgt Ion: 43 Resp: 195198

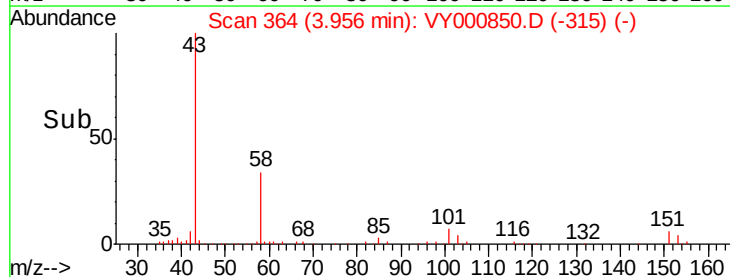
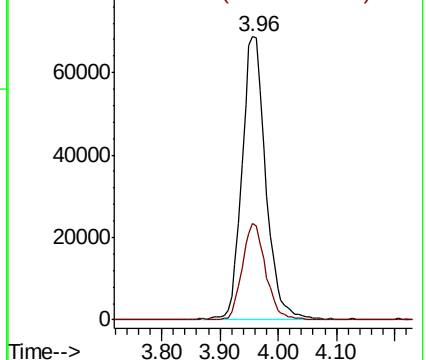
Ion Ratio Lower Upper

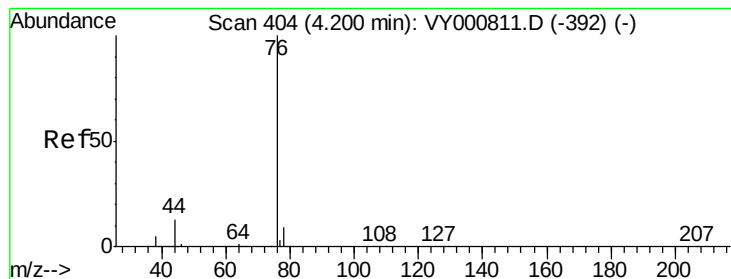
43 100

58 34.1 28.0 42.0



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





#17

Carbon Disulfide

Concen: 51.762 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

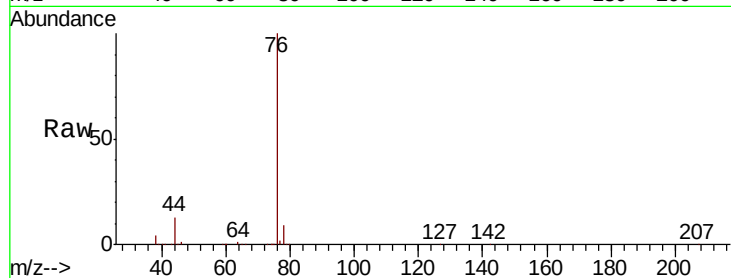
ClientSampleId :

Tot Ion: 76 Resp: 517386

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

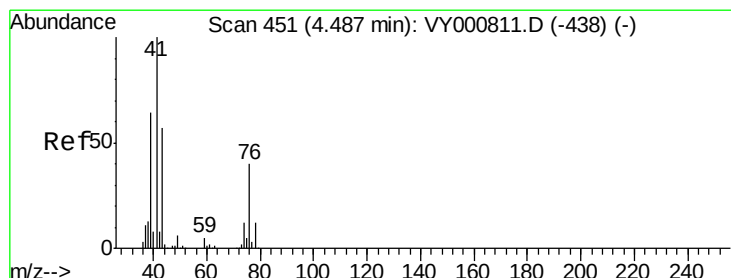
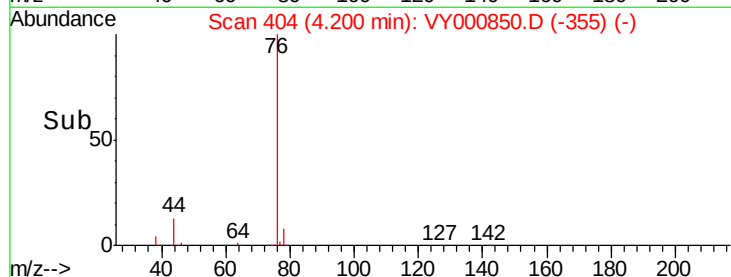
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 56.746 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000850.D

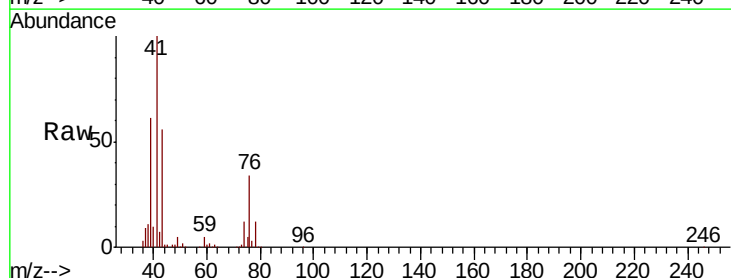
Acq: 03 Dec 2019 19:38

Tgt Ion: 43 Resp: 163023

Ion Ratio Lower Upper

43 100

74 22.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

60000

50000

40000

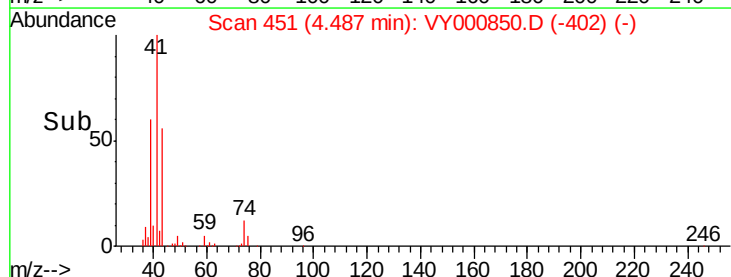
30000

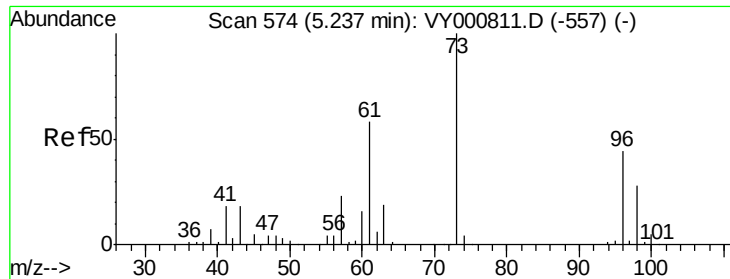
20000

10000

0

Time--> 4.40 4.50 4.60

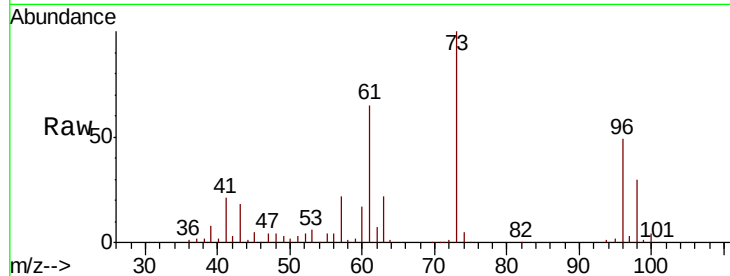




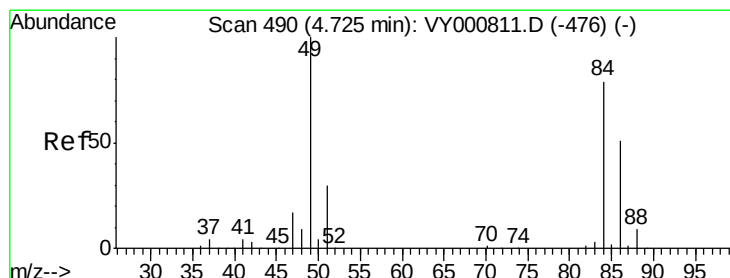
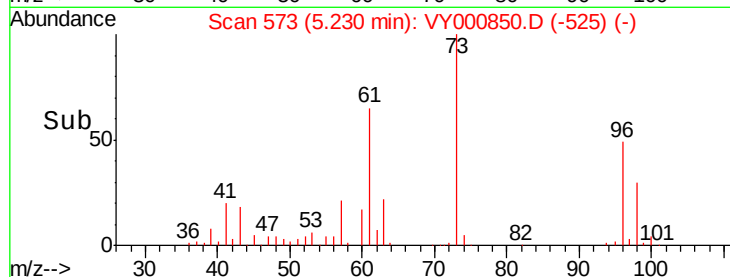
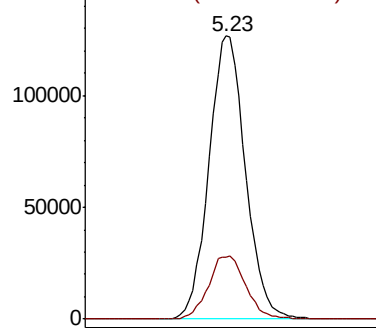
#19
Methyl tert-butyl Ether
Concen: 57.209 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 472187
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4

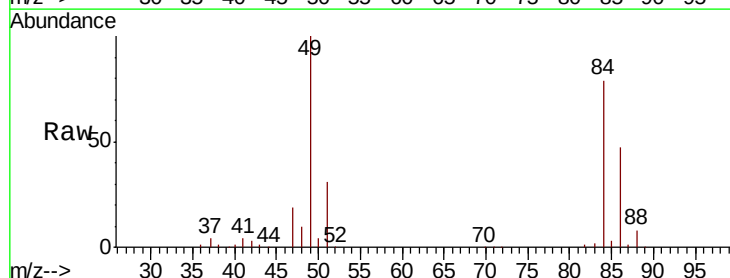


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

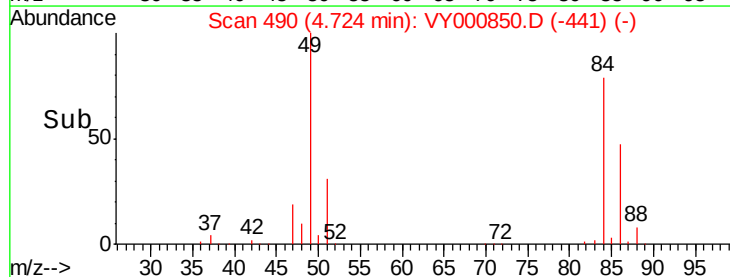
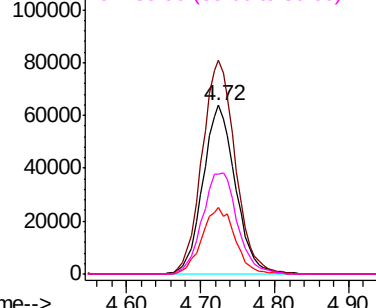


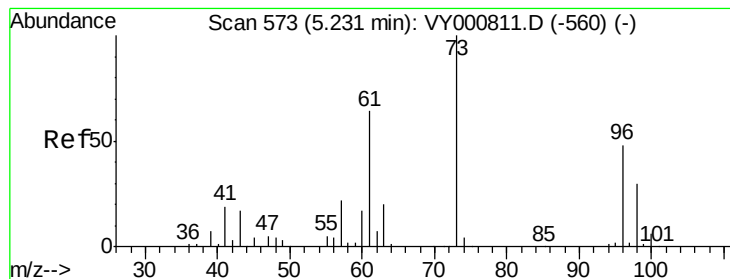
#20
Methylene Chloride
Concen: 53.972 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 84 Resp: 195470
Ion Ratio Lower Upper
84 100
49 126.4 101.3 151.9
51 39.5 30.6 45.8
86 59.2 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: 53.724 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampled :

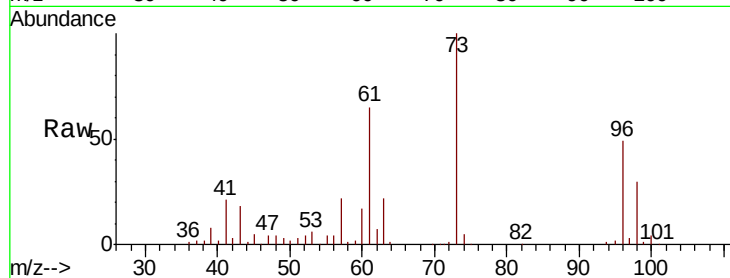
Tot Ion: 96 Resp: 188718

Ion Ratio Lower Upper

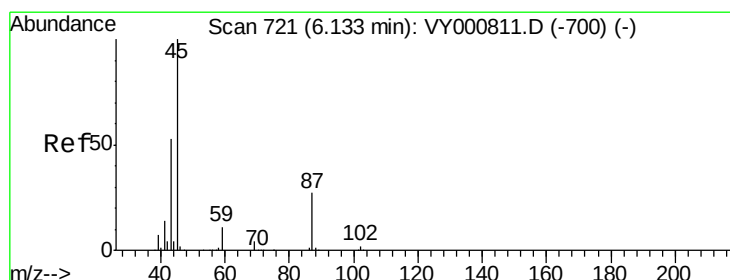
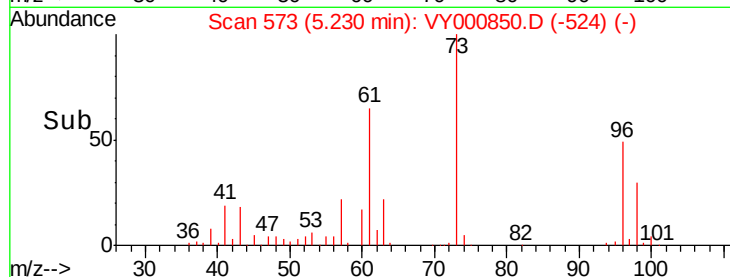
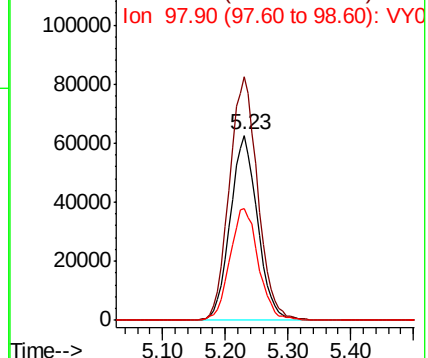
96 100

61 131.8 105.9 158.9

98 60.3 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: 58.633 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Tgt Ion: 45 Resp: 638599

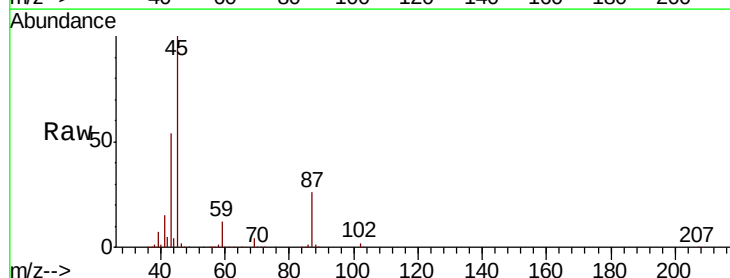
Ion Ratio Lower Upper

45 100

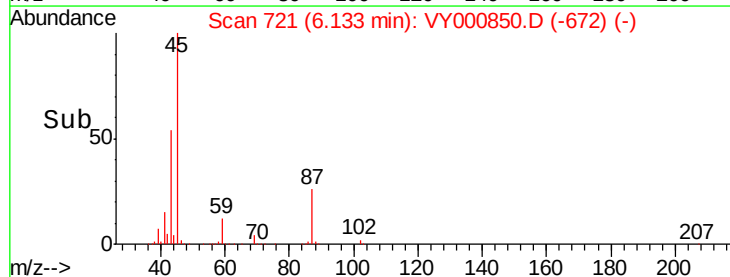
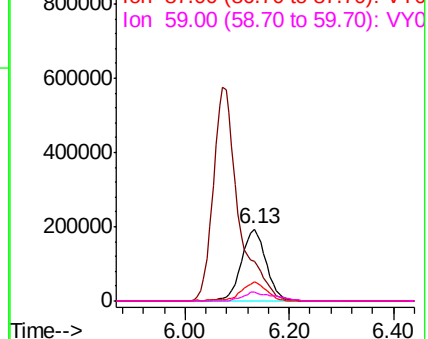
43 54.2 42.7 64.1

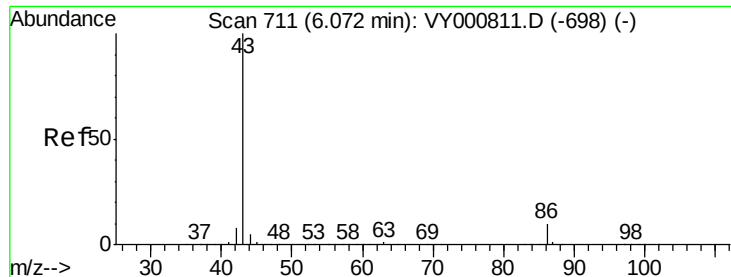
87 26.2 22.0 33.0

59 11.6 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

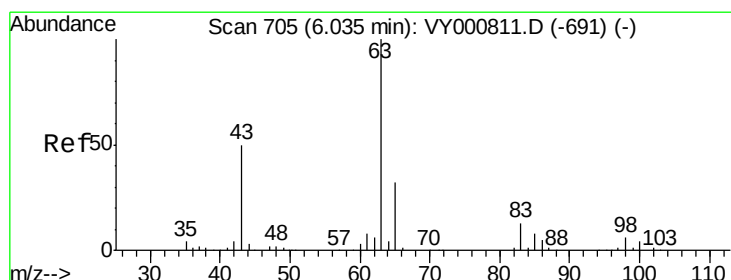
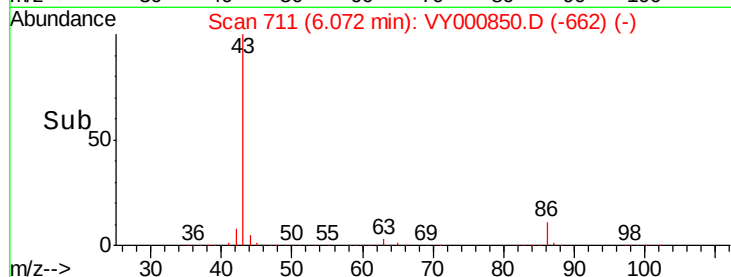
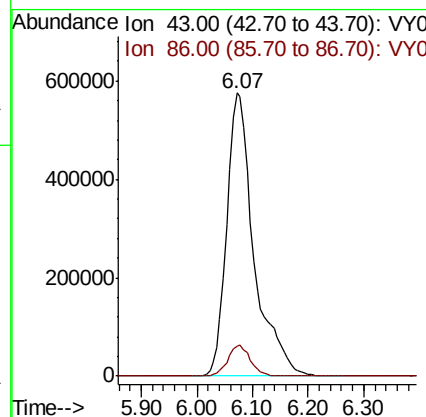
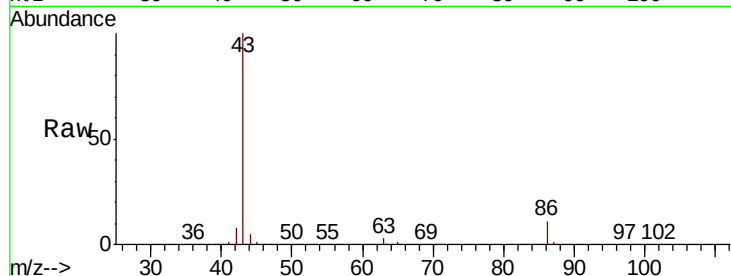




#23
 Vinyl Acetate
 Concen: 295.132 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

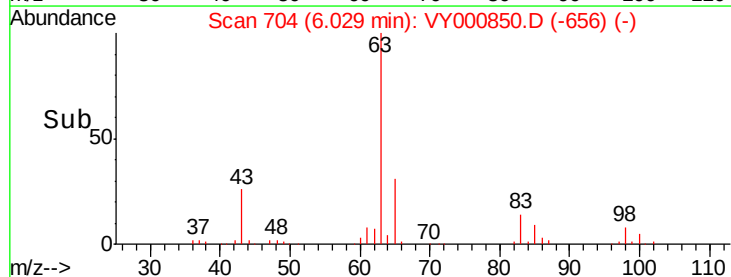
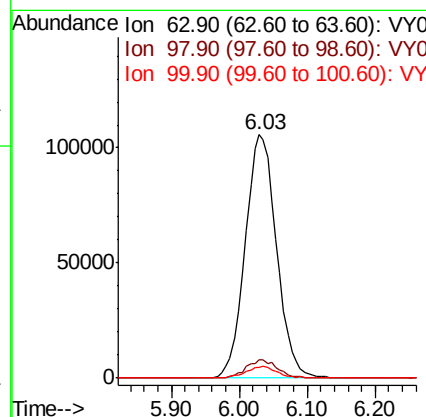
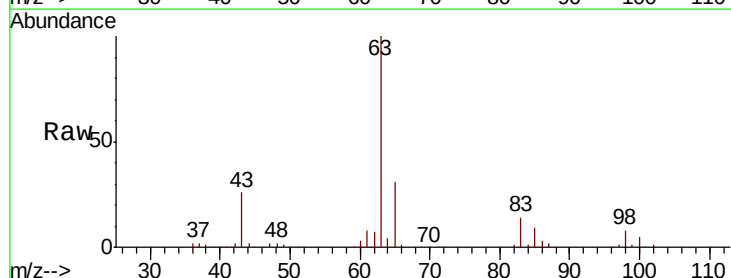
Instrument :
 MSVOA_Y
 ClientSampleId :

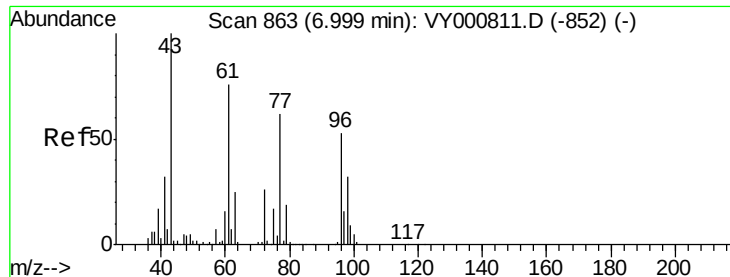
Tot Ion: 43 Resp: 1954166
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 56.234 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion: 63 Resp: 337573
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 281.070 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

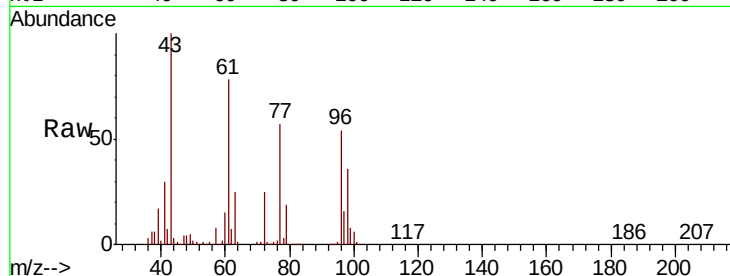
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 356734

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

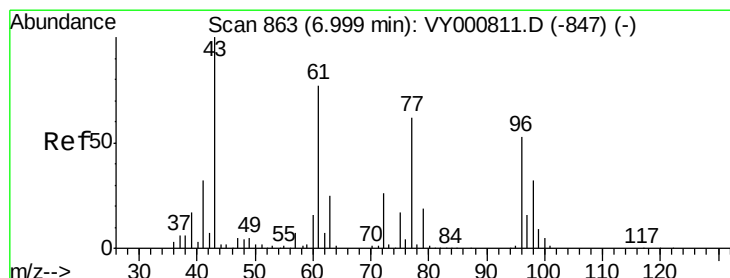
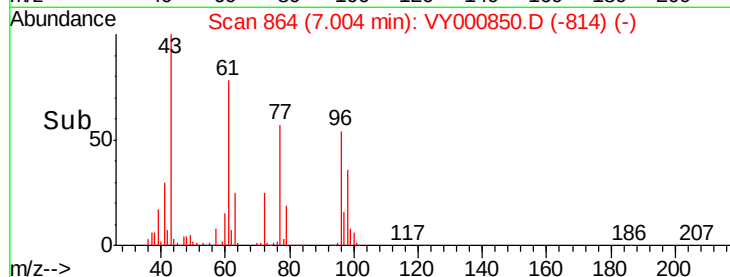
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 51.914 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000850.D

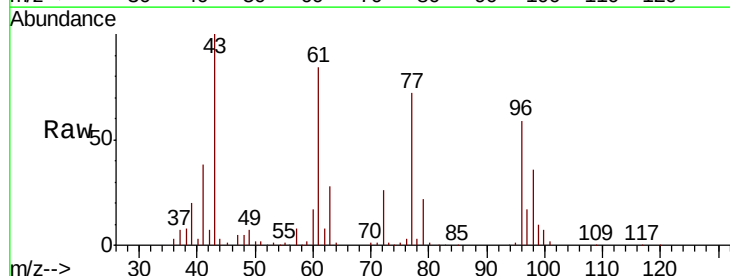
Acq: 03 Dec 2019 19:38

Tgt Ion: 77 Resp: 262289

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

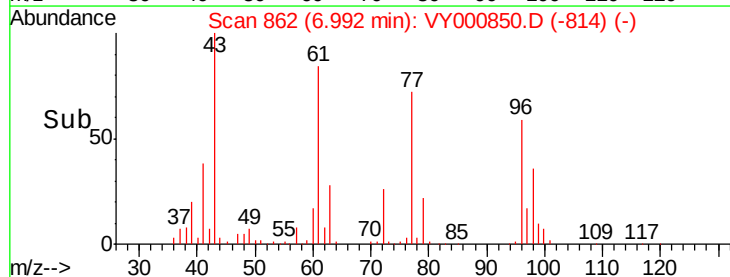
40000

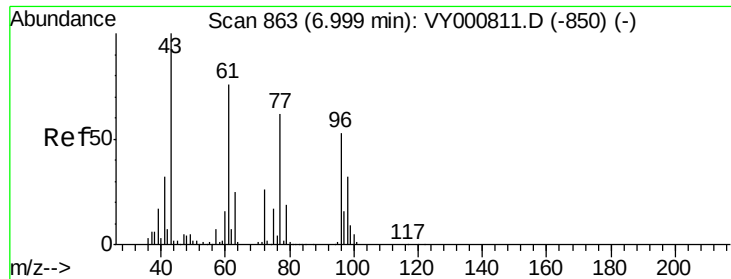
20000

0

6.90 7.00 7.10

Time-->



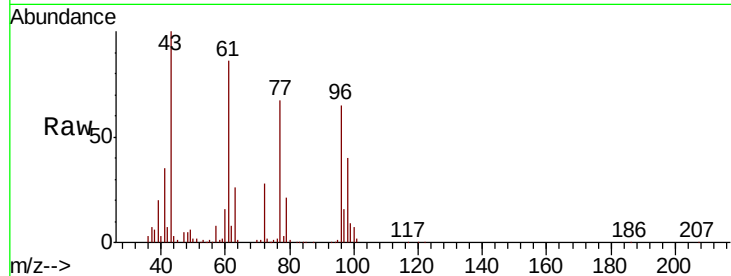


#27

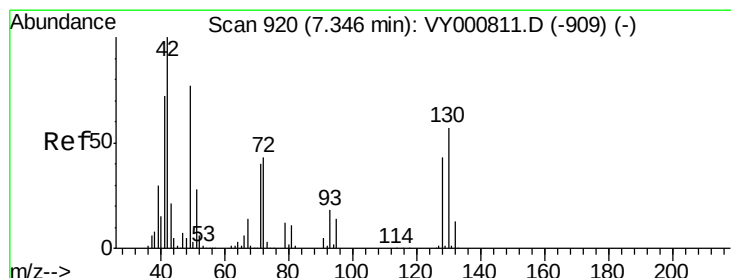
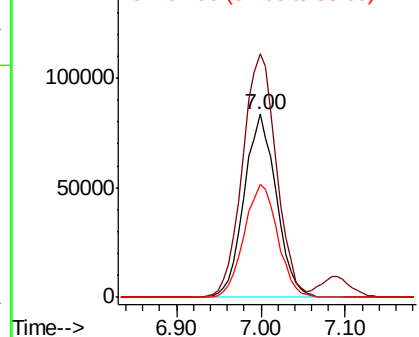
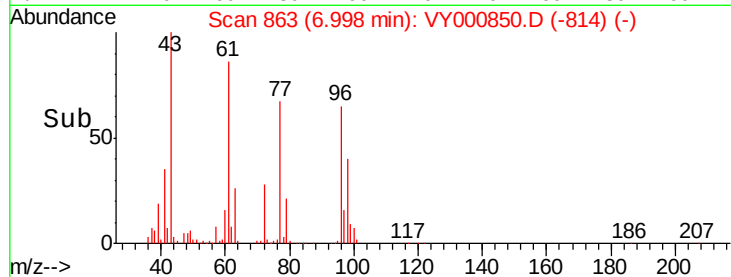
cis-1,2-Dichloroethene
 Concen: 56.958 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 216274
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 285.0
 98 64.0 0.0 128.0



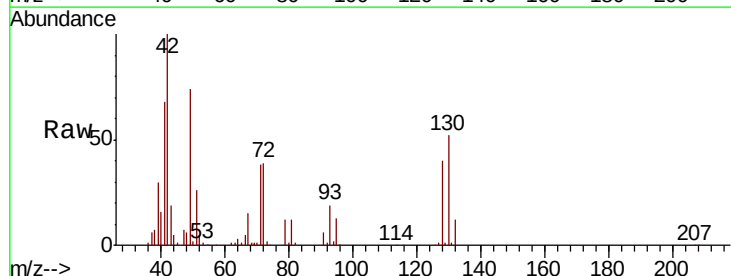
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



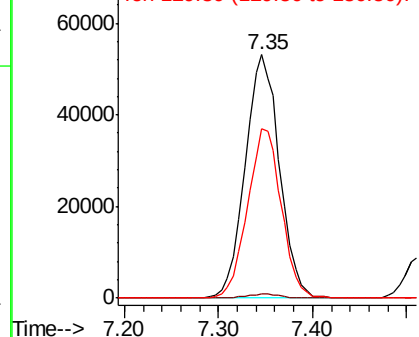
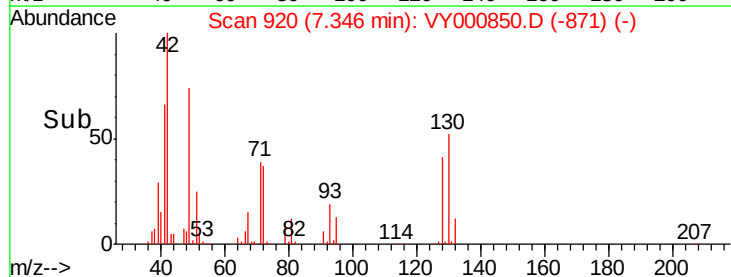
#28

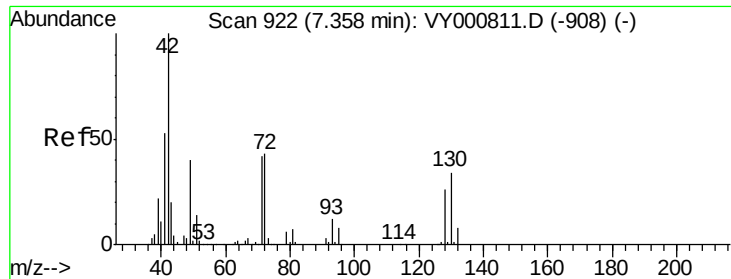
Bromochloromethane
 Concen: 60.912 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion: 49 Resp: 135075
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 68.5 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

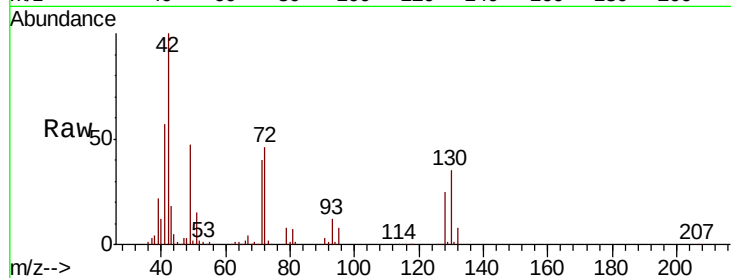




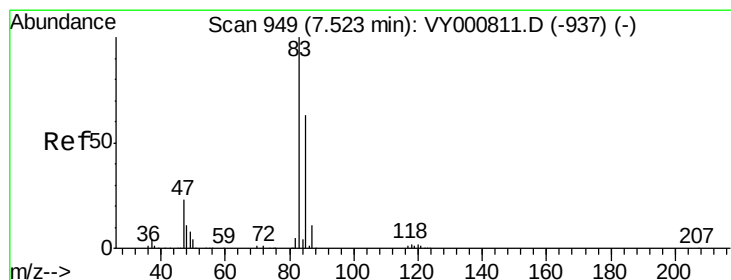
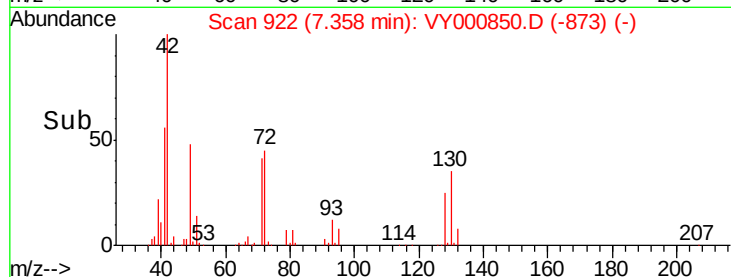
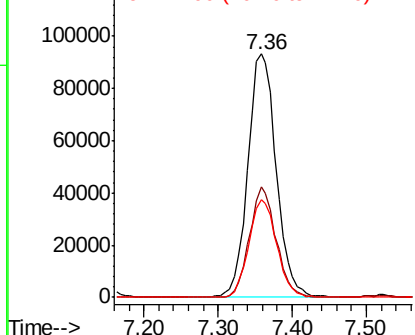
#29
Tetrahydrofuran
Concen: 296.625 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 249473
Ion Ratio Lower Upper
42 100
72 42.6 35.1 52.7
71 39.5 32.8 49.2

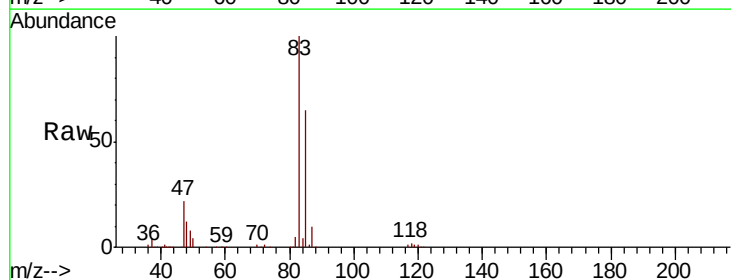


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

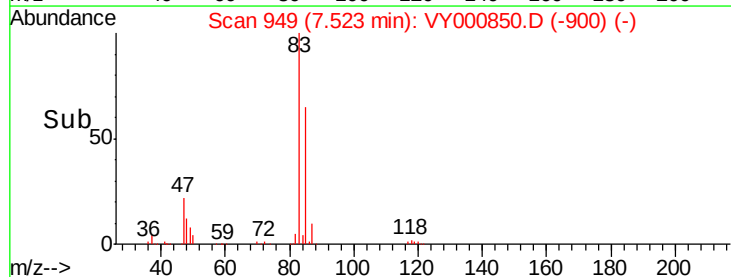
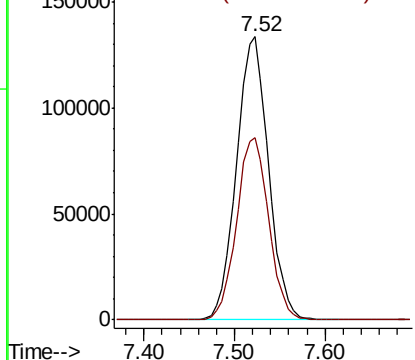


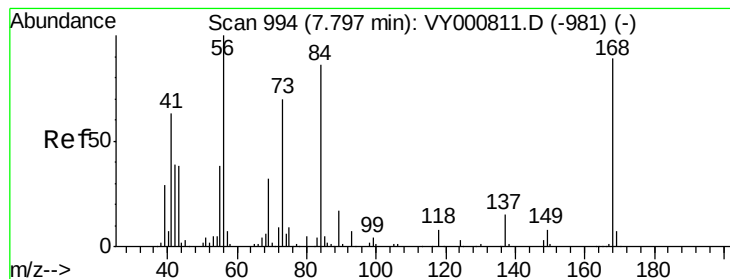
#30
Chloroform
Concen: 54.127 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 83 Resp: 325950
Ion Ratio Lower Upper
83 100
85 64.5 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: 51.185 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

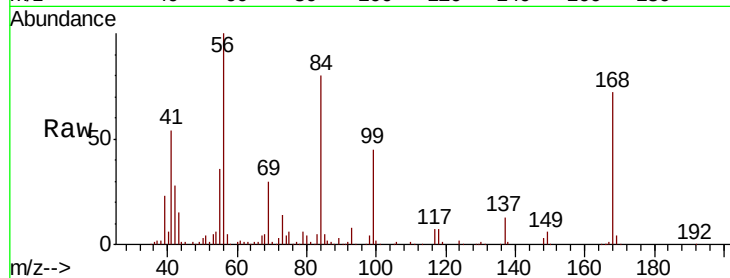
Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 325498

Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.9	38.9
84	78.8	68.6	102.8

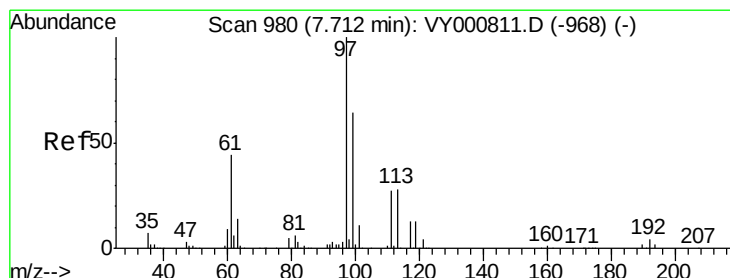
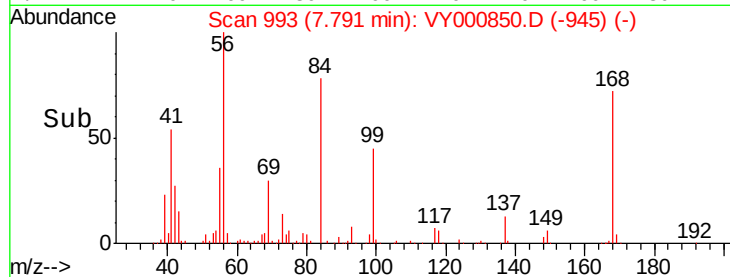


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 55.681 ug/l

RT: 7.71 min Scan# 980

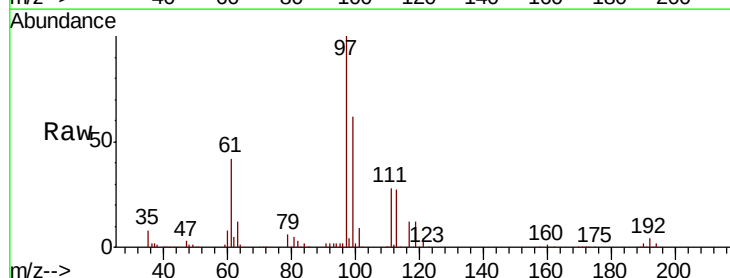
Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Tgt Ion: 97 Resp: 276880

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	43.4	35.0	52.6

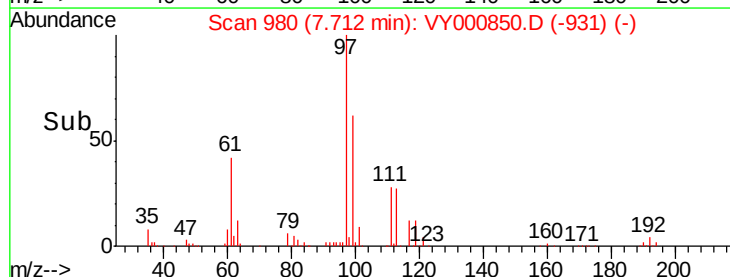


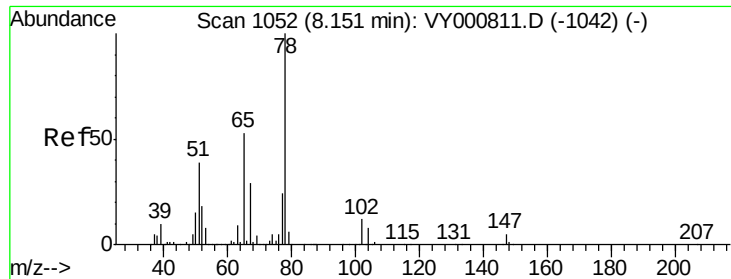
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

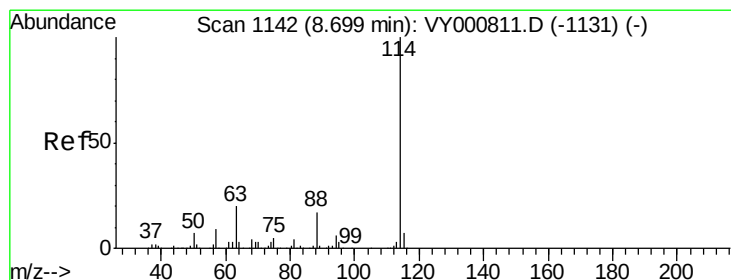
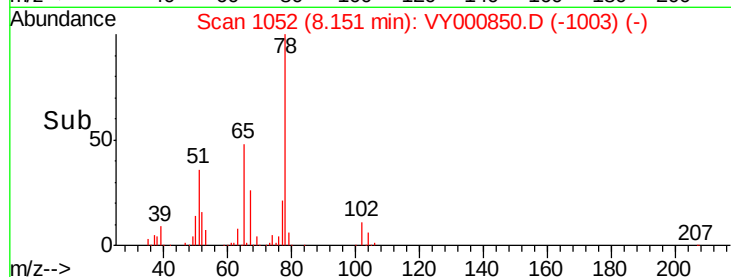
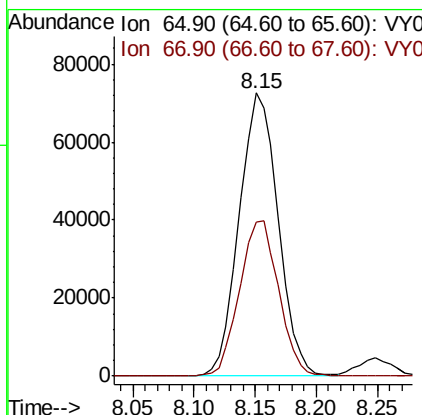
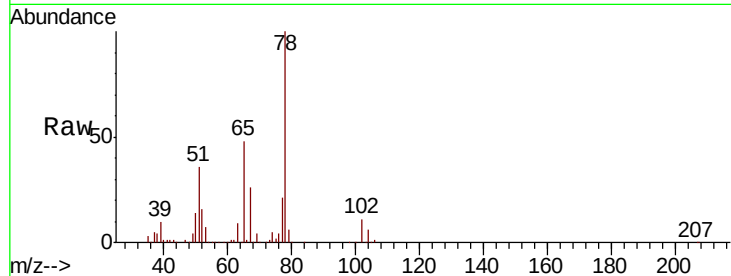




#33
 1,2-Dichloroethane-d4
 Concen: 53.680 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

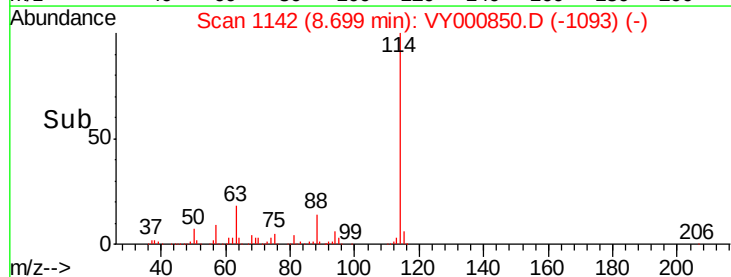
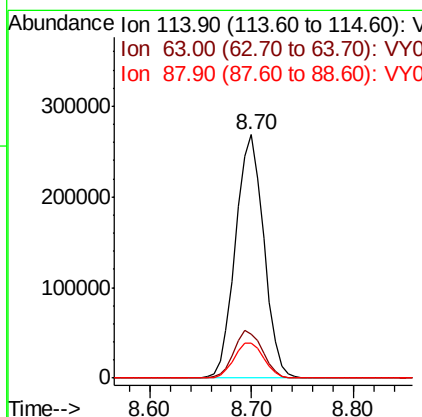
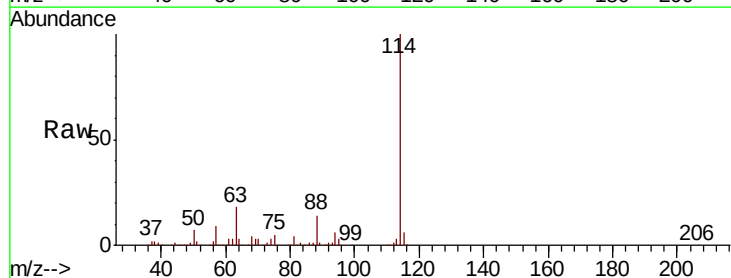
Instrument :
 MSVOA_Y
 ClientSampled :

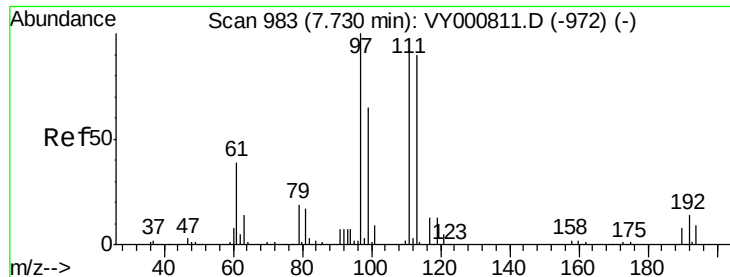
Tot Ion: 65 Resp: 160777
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion: 114 Resp: 515196
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.8
 88 14.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.816 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampled :

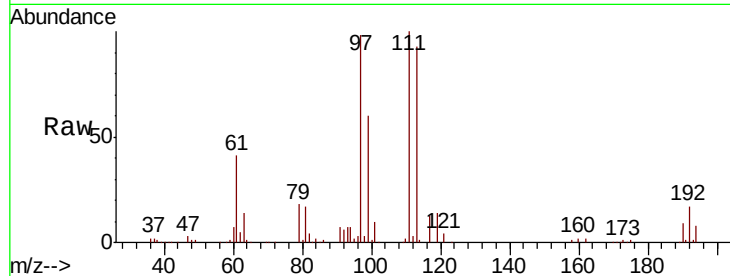
Tot Ion:113 Resp: 146572

Ion Ratio Lower Upper

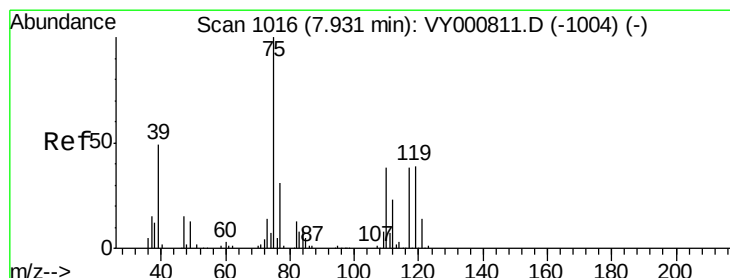
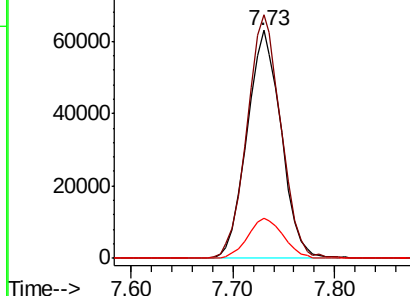
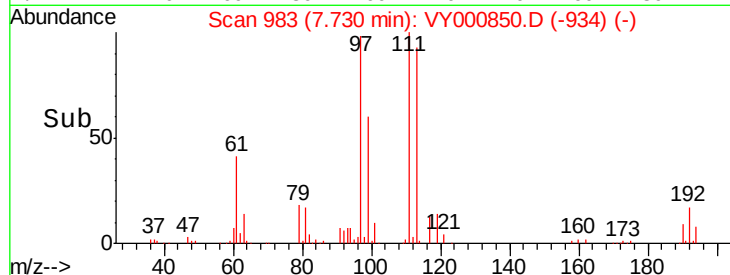
113 100

111 106.3 82.4 123.6

192 18.4 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.993 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

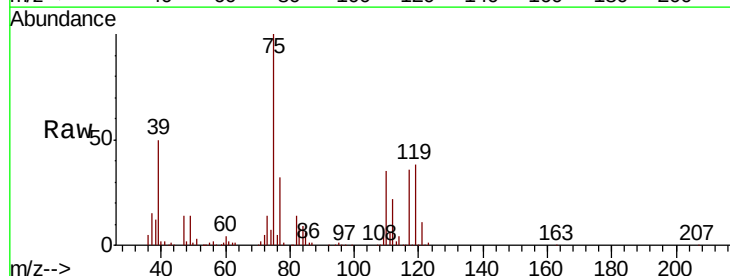
Tgt Ion: 75 Resp: 261217

Ion Ratio Lower Upper

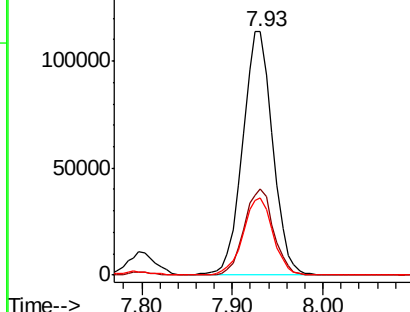
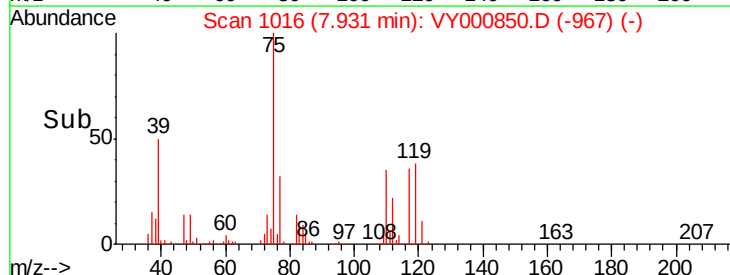
75 100

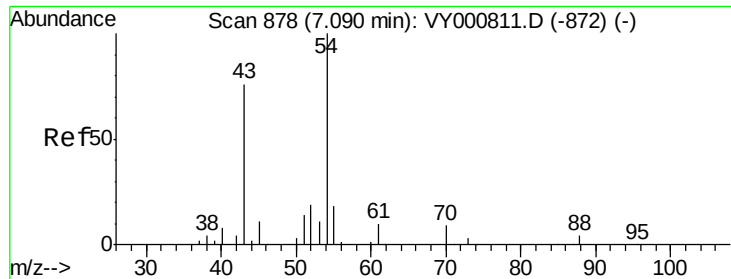
110 34.5 17.9 53.7

77 31.5 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

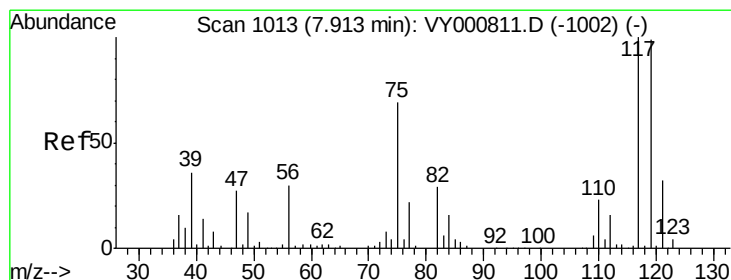
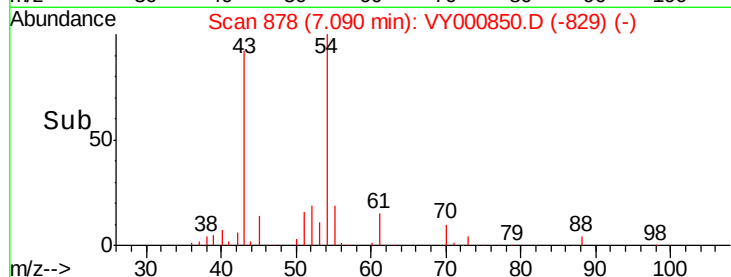
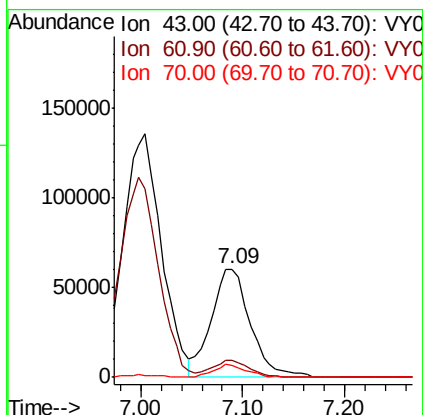
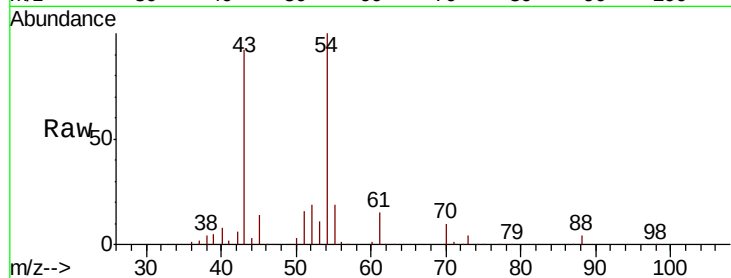




#37
Ethyl Acetate
Concen: 54.256 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

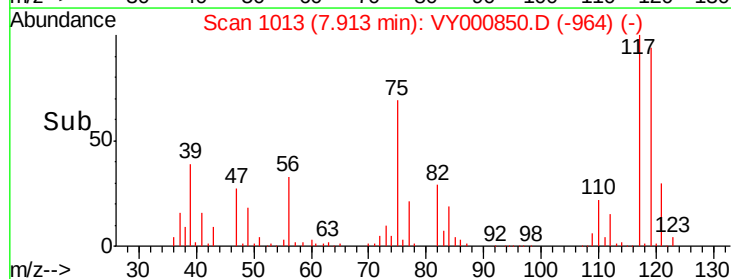
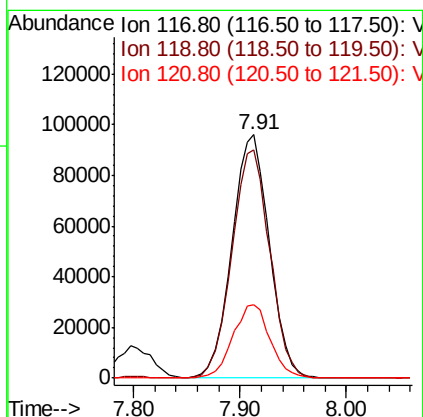
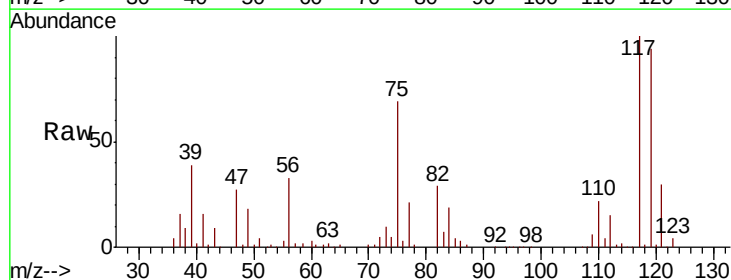
Instrument :
MSVOA_Y
ClientSampled :

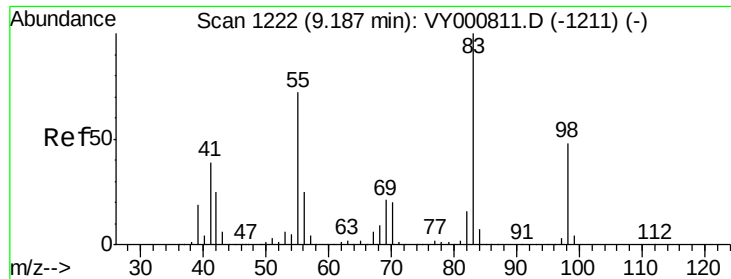
Tot Ion: 43 Resp: 160482
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 10.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 51.771 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 117 Resp: 236179
Ion Ratio Lower Upper
117 100
119 93.6 79.3 118.9
121 30.1 25.5 38.3

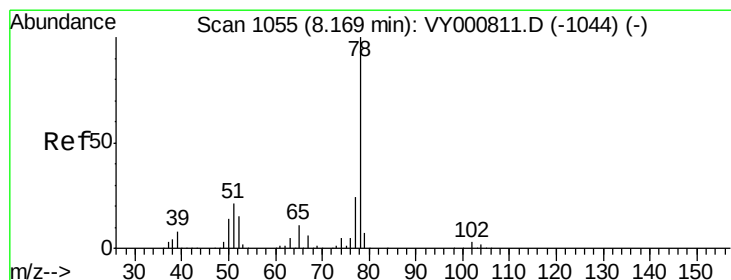
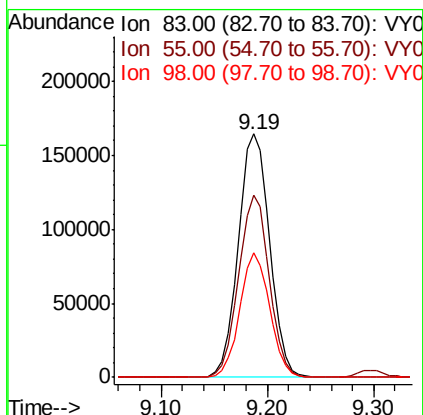
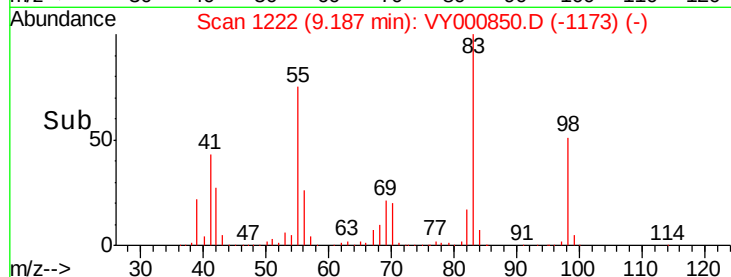
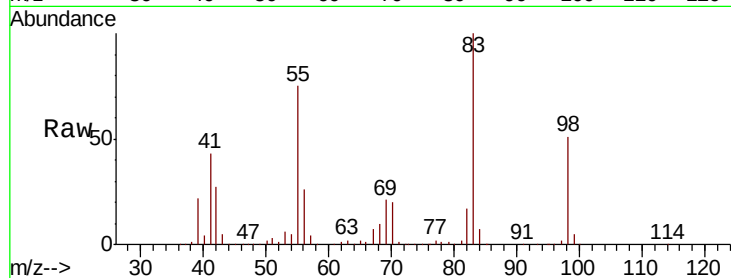




#39
Methylvlcyclohexane
Concen: 50.073 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

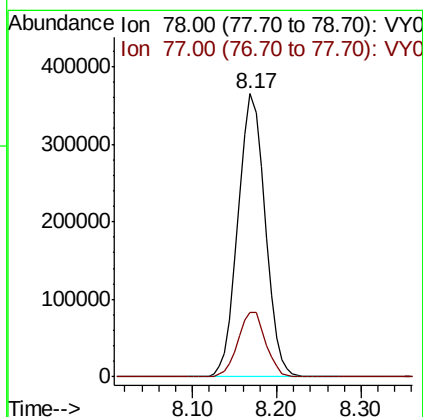
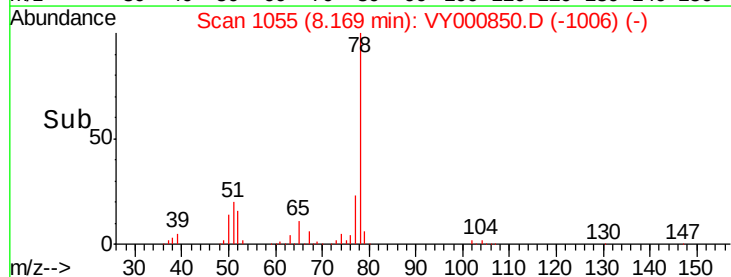
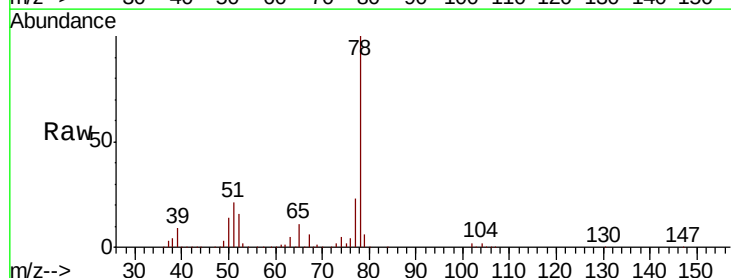
Instrument :
MSVOA_Y
ClientSampleId :

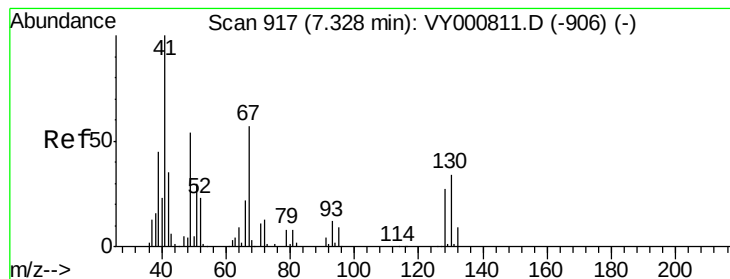
Tot Ion: 83 Resp: 339837
Ion Ratio Lower Upper
83 100
55 74.9 57.8 86.6
98 51.2 38.6 58.0



#40
Benzene
Concen: 53.280 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 78 Resp: 794996
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8





#41

Methacrylonitrile

Concen: 141.684 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

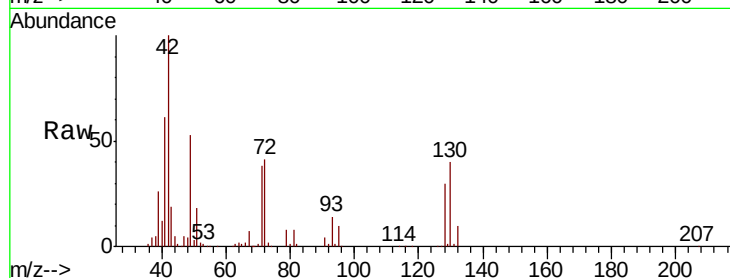
Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

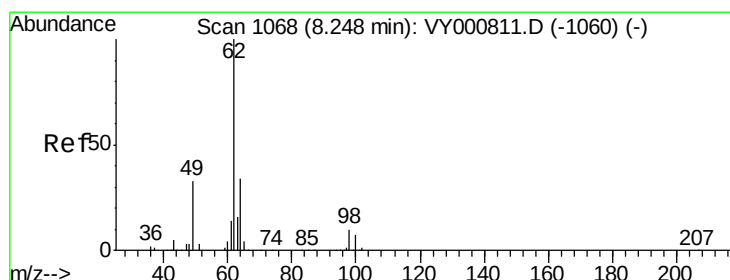
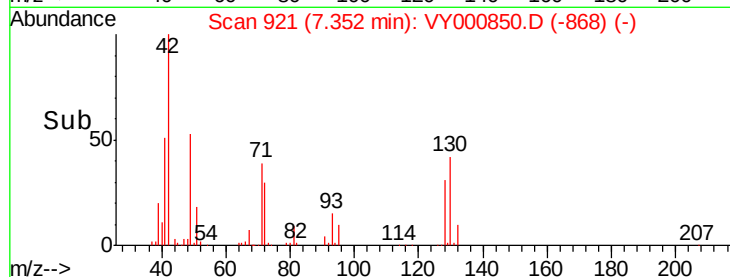
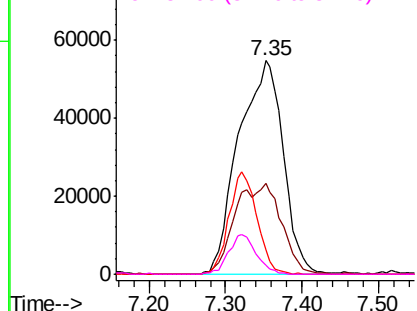
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 220878

Ion	Ratio	Lower	Upper
41	100		
39	0.0	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: 55.508 ug/l

RT: 8.25 min Scan# 1068

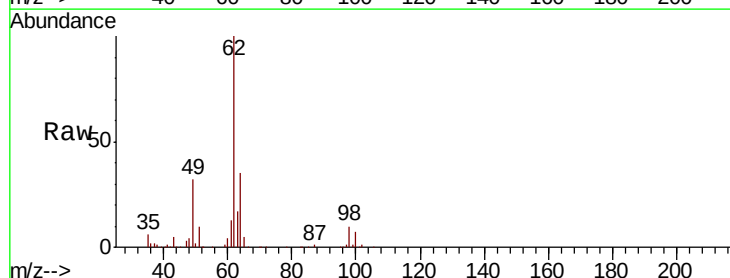
Delta R.T. -0.00 min

Lab File: VY000850.D

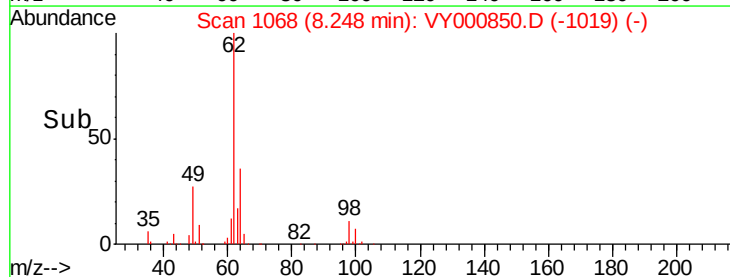
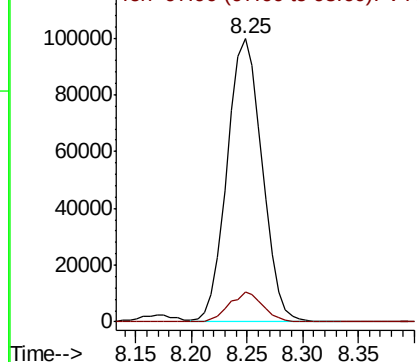
Acq: 03 Dec 2019 19:38

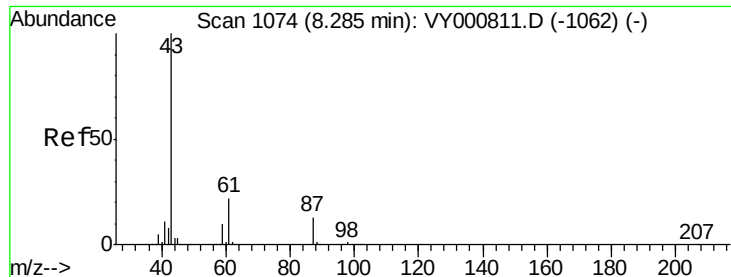
Tgt Ion: 62 Resp: 217820

Ion	Ratio	Lower	Upper
62	100		
98	10.1	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: 54.016 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

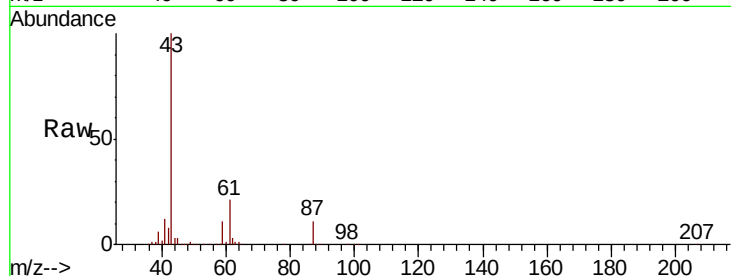
Tot Ion: 43 Resp: 301085

Ion Ratio Lower Upper

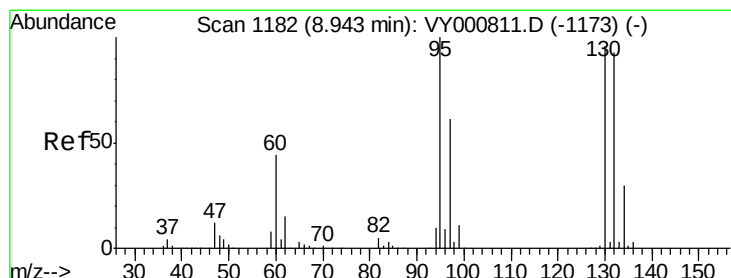
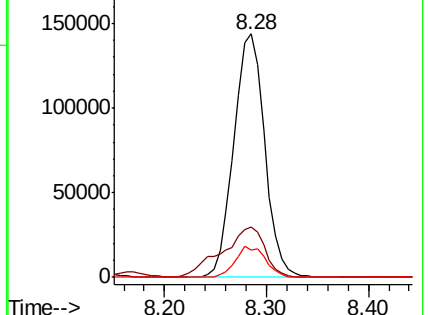
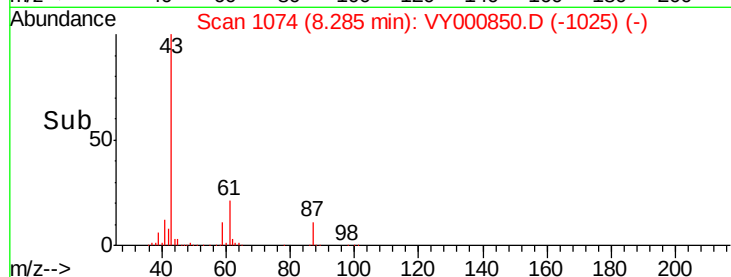
43 100

61 28.7 23.7 35.5

87 12.7 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



#44

Trichloroethene

Concen: 53.229 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000850.D

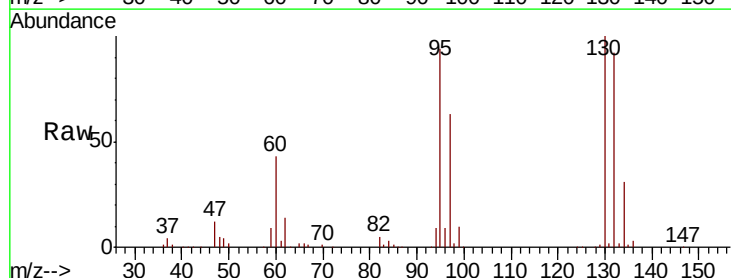
Acq: 03 Dec 2019 19:38

Tgt Ion:130 Resp: 204118

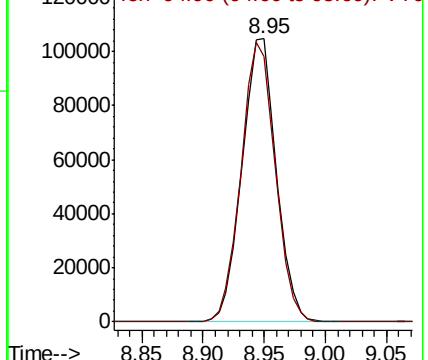
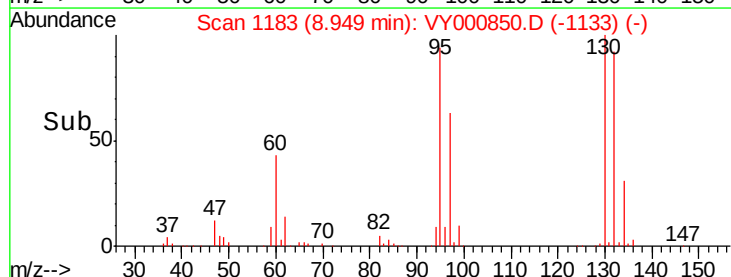
Ion Ratio Lower Upper

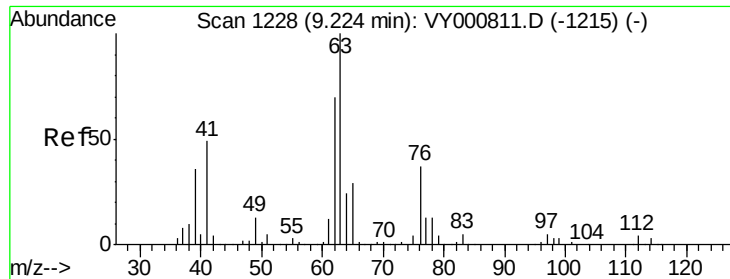
130 100

95 94.0 0.0 207.8



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

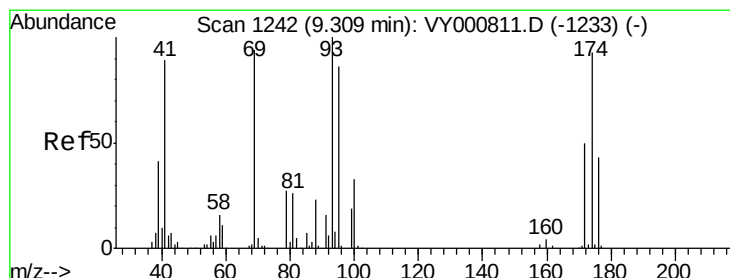
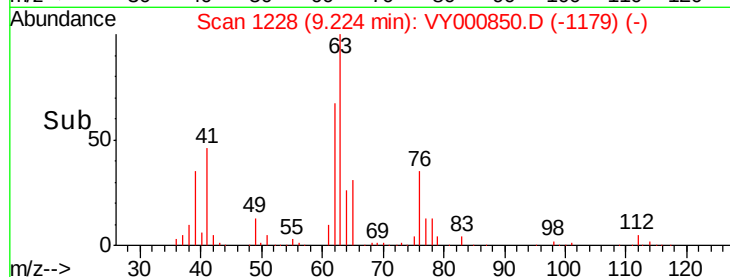
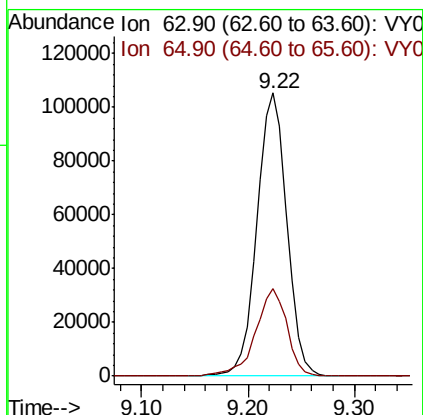
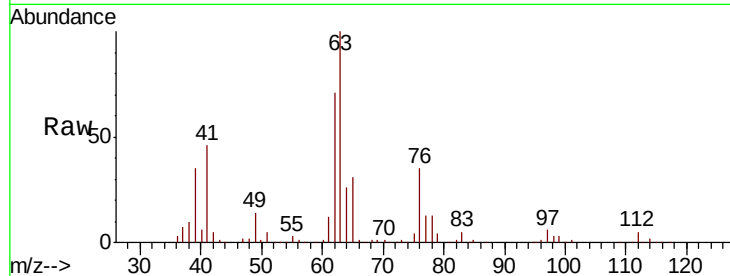




#45
 1,2-Dichloropropane
 Concen: 55.178 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

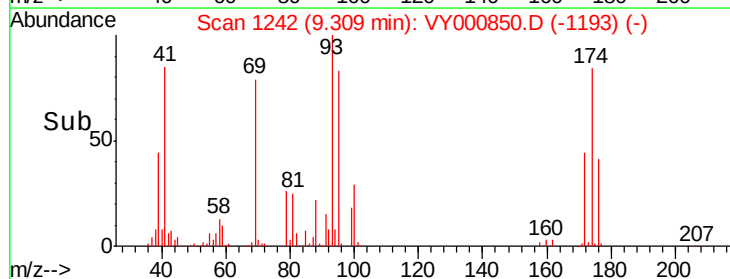
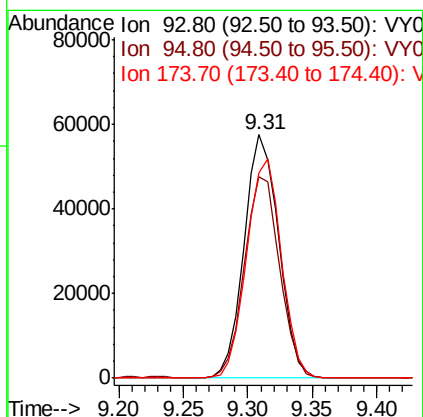
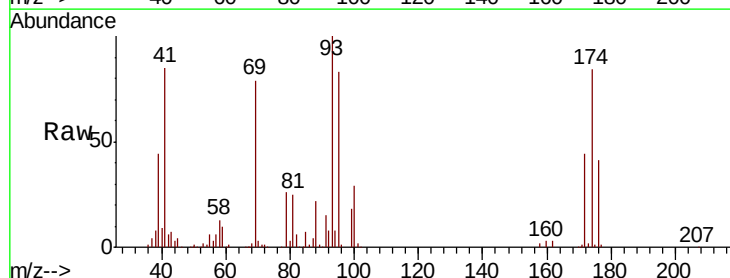
Instrument :
 MSVOA_Y
 ClientSampled :

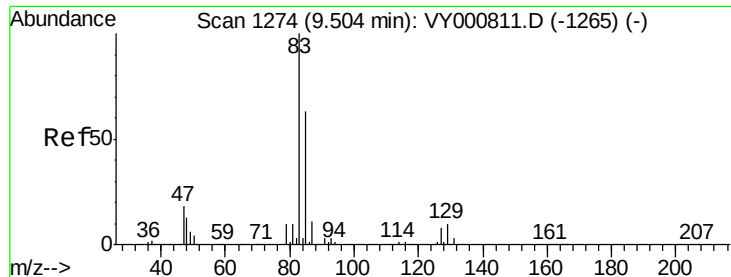
Tot Ion: 63 Resp: 206804
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.2 34.8



#46
 Dibromomethane
 Concen: 54.490 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion: 93 Resp: 106707
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.4 99.6
 174 90.3 73.0 109.6





#47

Bromodichloromethane

Concen: 55.042 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :

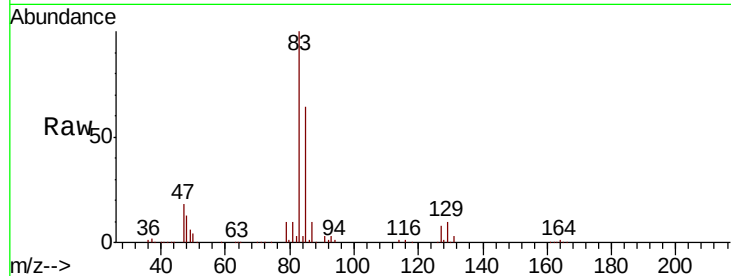
Tot Ion: 83 Resp: 253212

Ion Ratio Lower Upper

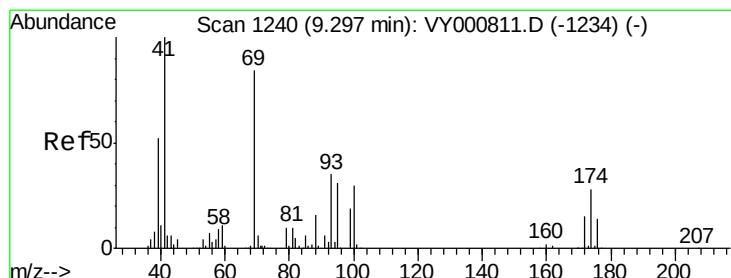
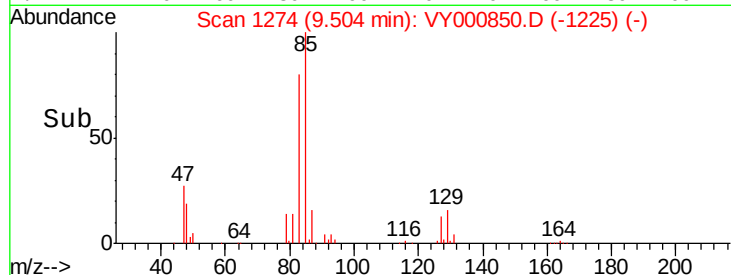
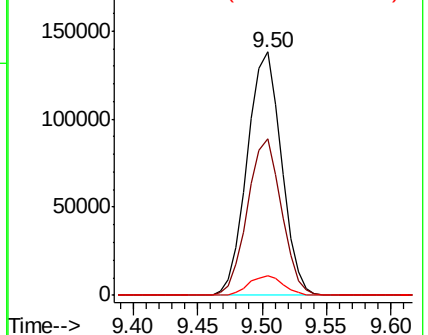
83 100

85 64.2 50.8 76.2

127 8.3 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: 55.180 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

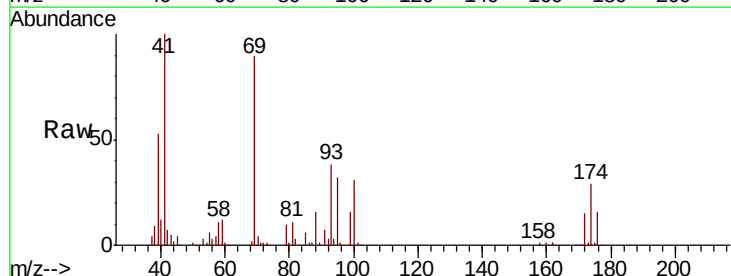
Tgt Ion: 41 Resp: 135250

Ion Ratio Lower Upper

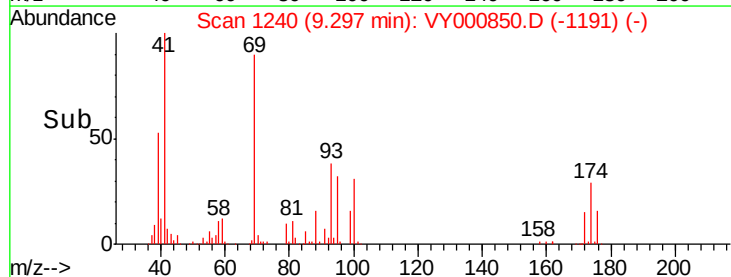
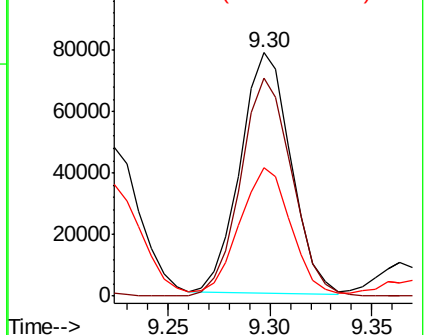
41 100

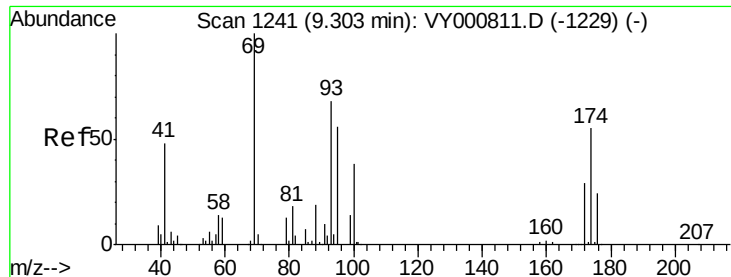
69 92.1 70.4 105.6

39 54.3 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

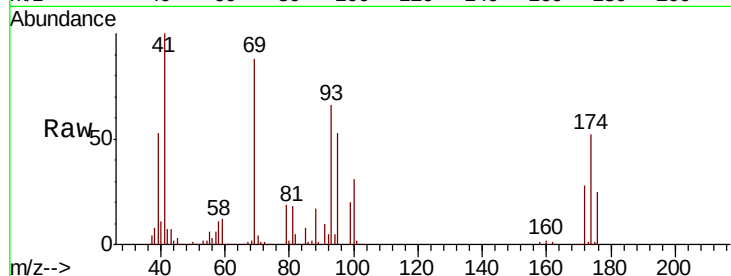




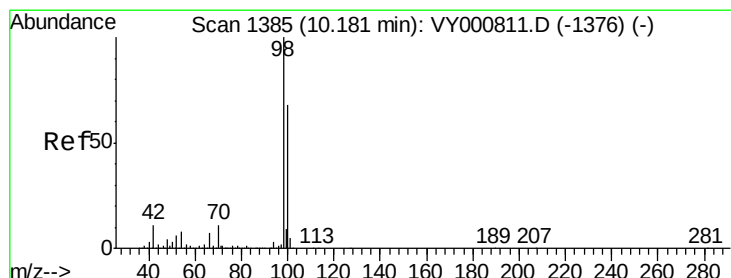
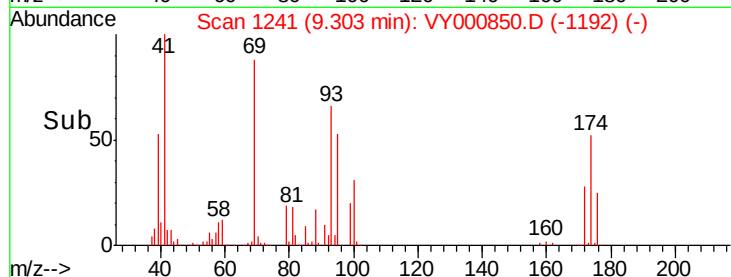
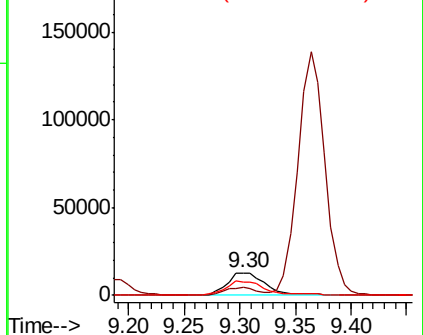
#49
1,4-Dioxane
Concen: 1098.053 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 30468
Ion Ratio Lower Upper
88 100
43 31.3 21.1 31.7
58 64.0 50.7 76.1

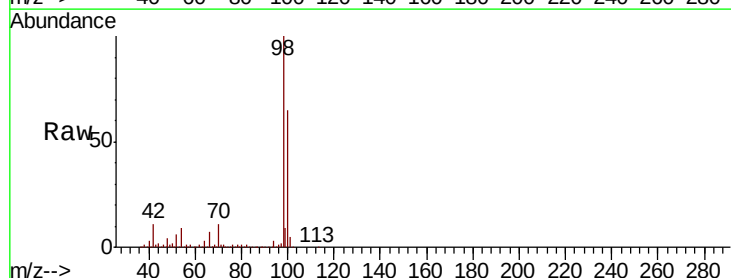


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

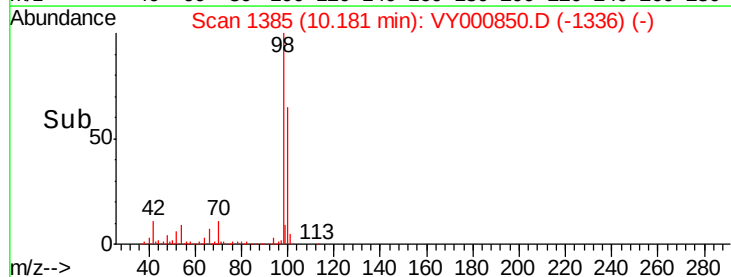
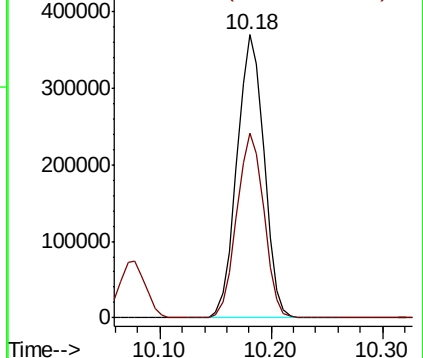


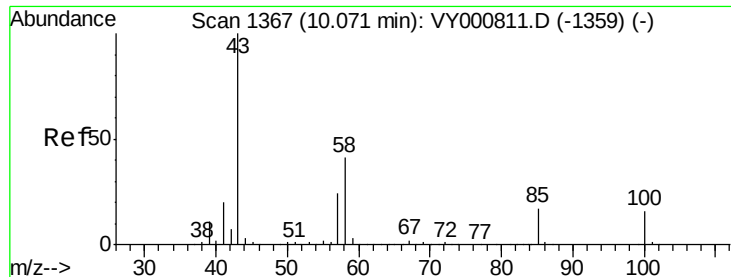
#50
Toluene-d8
Concen: 51.817 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 98 Resp: 622012
Ion Ratio Lower Upper
98 100
100 65.5 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: 282.886 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

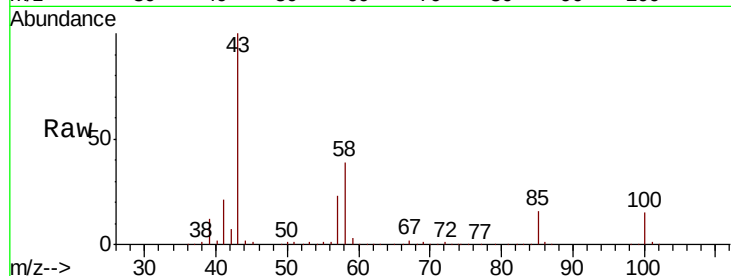
ClientSampleId :

Tot Ion: 43 Resp: 814702

Ion Ratio Lower Upper

43 100

58 40.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY000850.D (-1367) (-)

Ion 58.00 (57.70 to 58.70): VY000850.D (-1367) (-)

10.07

500000

400000

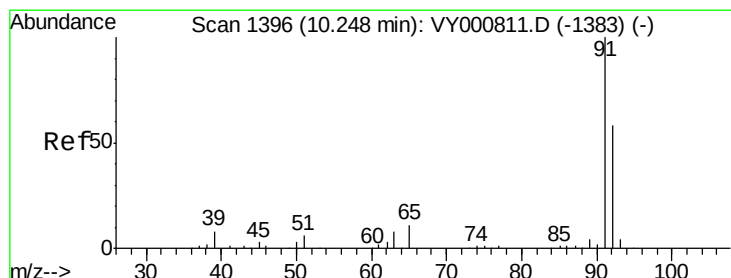
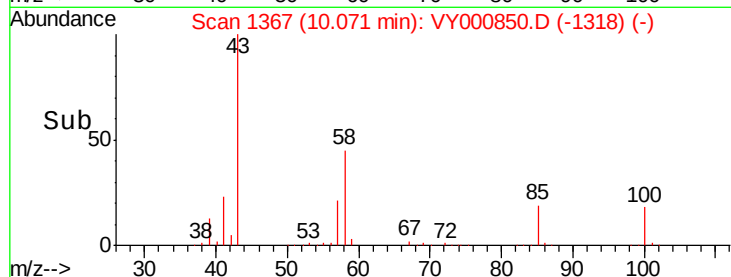
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.301 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000850.D

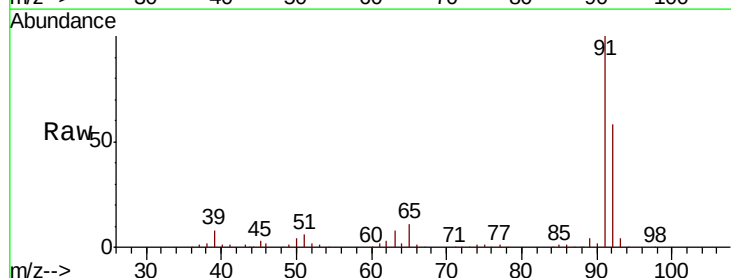
Acq: 03 Dec 2019 19:38

Tgt Ion: 92 Resp: 492422

Ion Ratio Lower Upper

92 100

91 173.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY000850.D (-1347) (-)

Ion 91.00 (90.70 to 91.70): VY000850.D (-1347) (-)

10.25

500000

400000

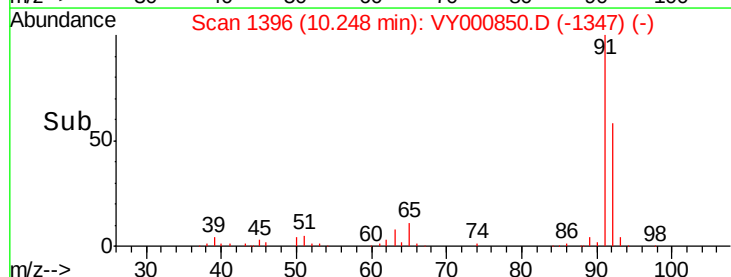
300000

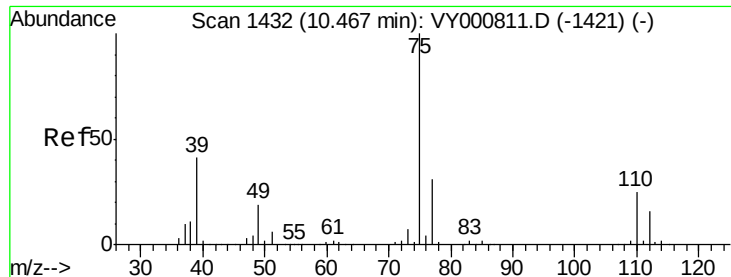
200000

100000

0

Time-->

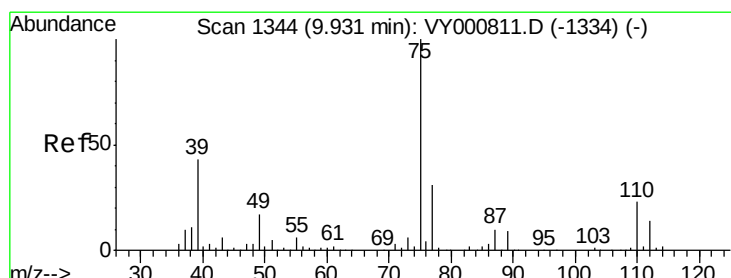
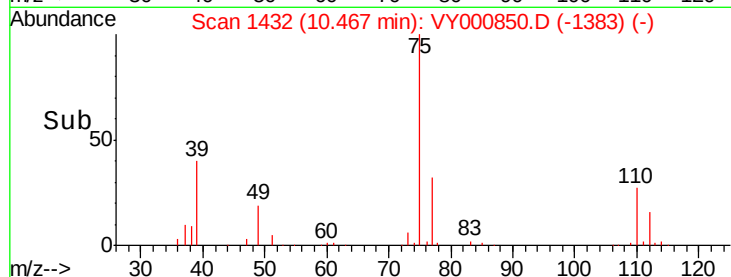
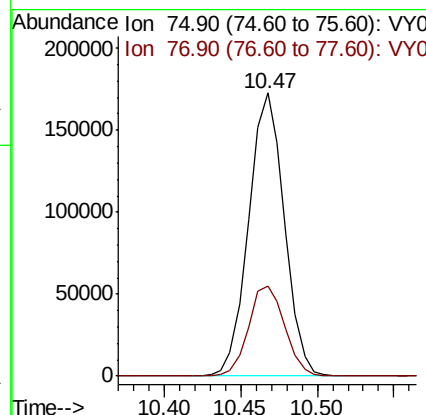
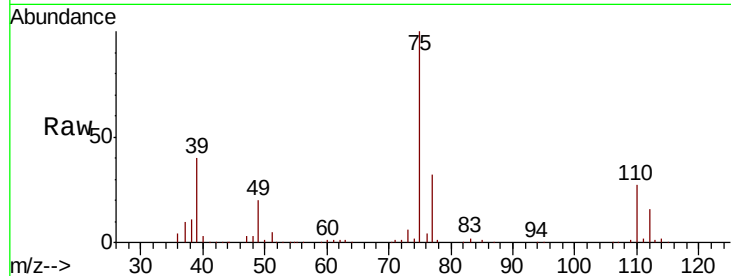




#53
t-1,3-Dichloropropene
Concen: 56.640 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

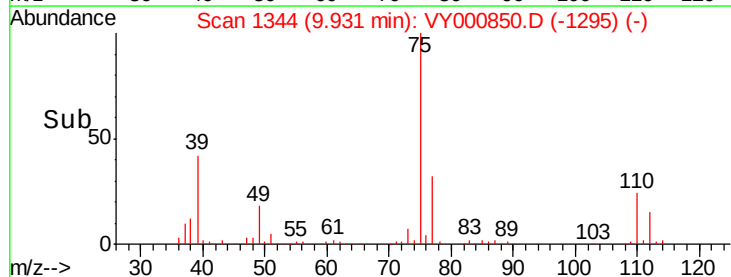
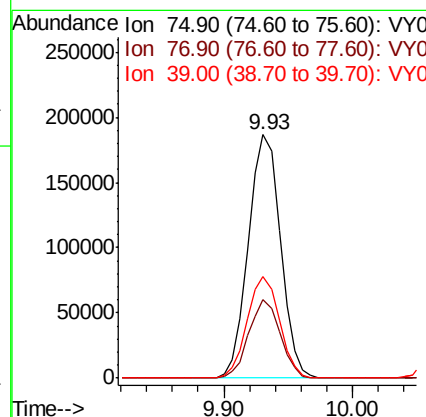
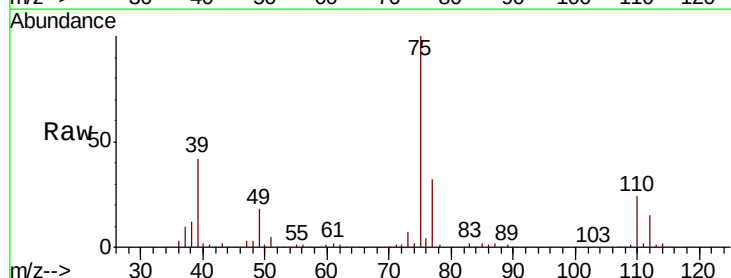
Instrument :
MSVOA_Y
ClientSampleId :

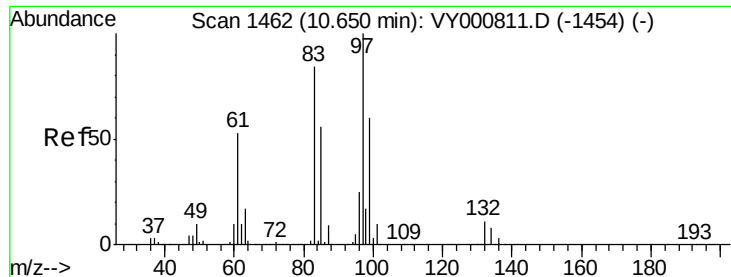
Tot Ion: 75 Resp: 279938
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 54.922 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 75 Resp: 320853
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1
39 41.8 34.5 51.7

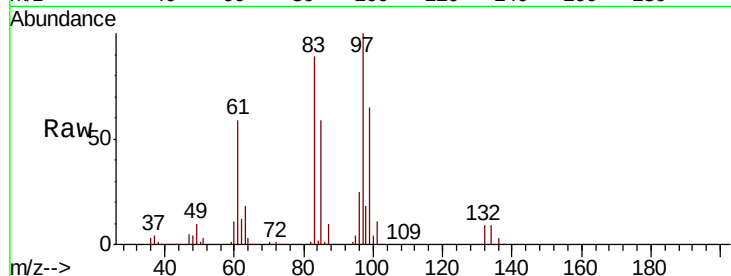




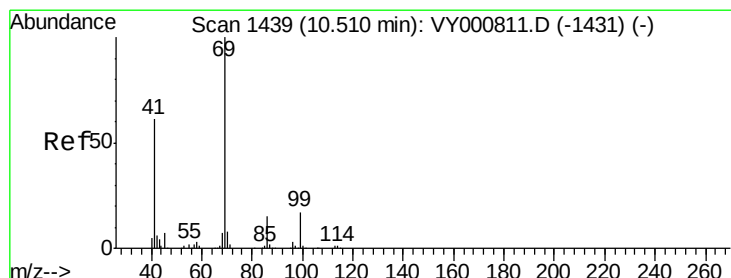
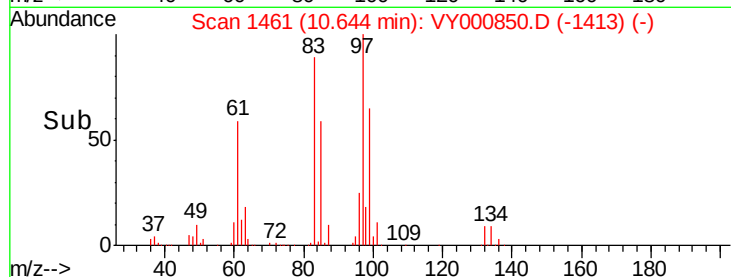
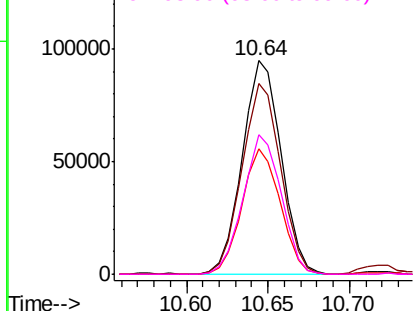
#55
1,1,2-Trichloroethane
Concen: 54.479 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 97 Resp: 157621
Ion Ratio Lower Upper
97 100
83 89.1 67.5 101.3
85 58.6 44.5 66.7
99 65.3 47.7 71.5

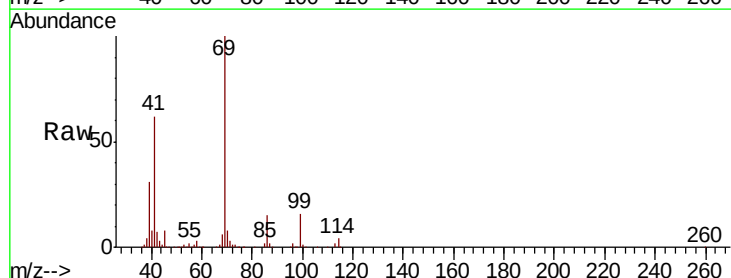


Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 98.90 (98.60 to 99.60): VY0

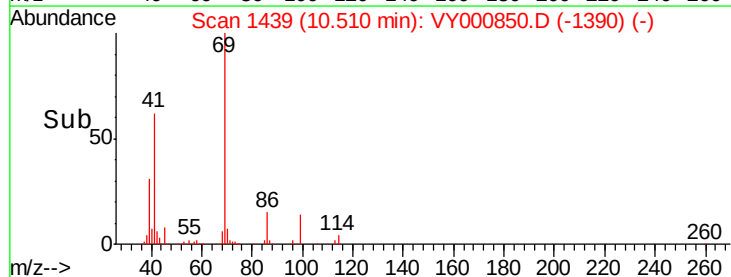
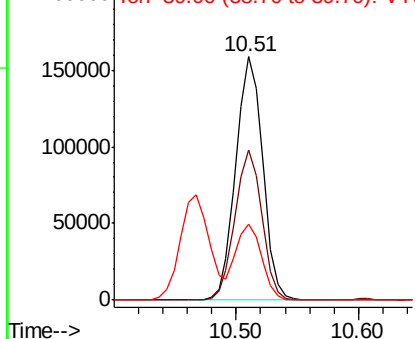


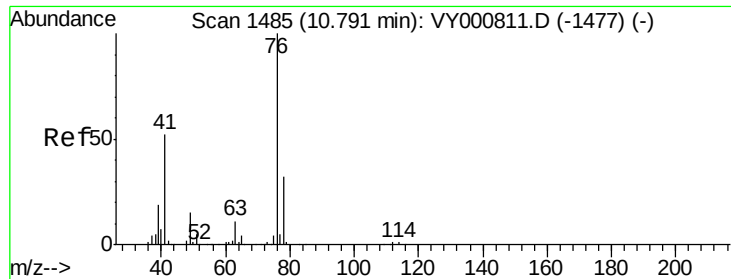
#56
Ethyl methacrylate
Concen: 58.415 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 69 Resp: 241771
Ion Ratio Lower Upper
69 100
41 61.1 49.0 73.6
39 29.9 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: 55.578 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

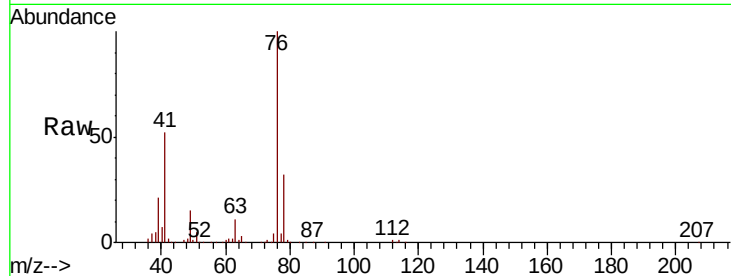
ClientSampled :

Tot Ion: 76 Resp: 280258

Ion Ratio Lower Upper

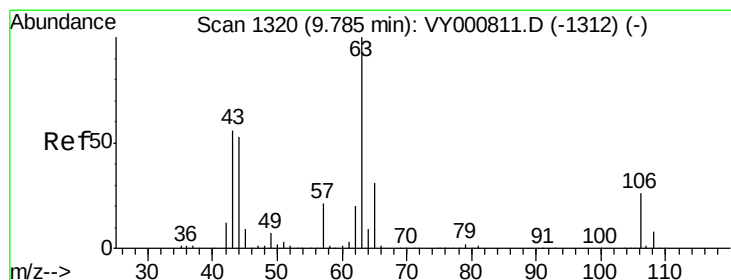
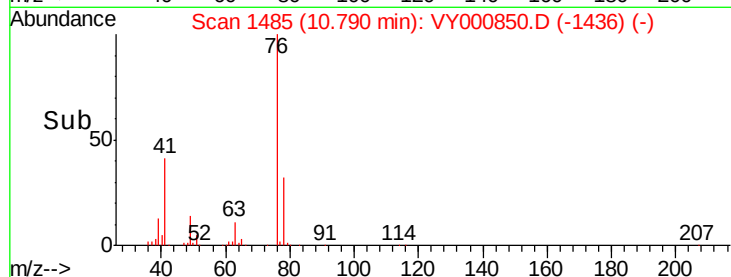
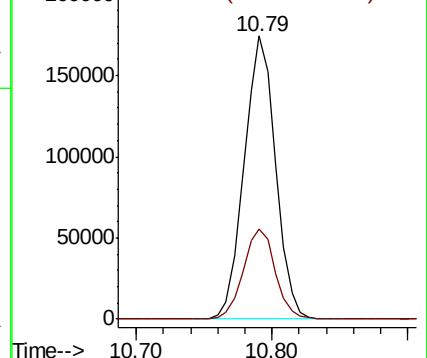
76 100

78 32.2 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: 245.834 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000850.D

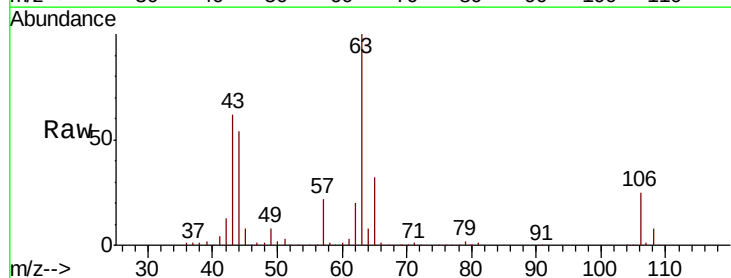
Acq: 03 Dec 2019 19:38

Tgt Ion: 63 Resp: 410257

Ion Ratio Lower Upper

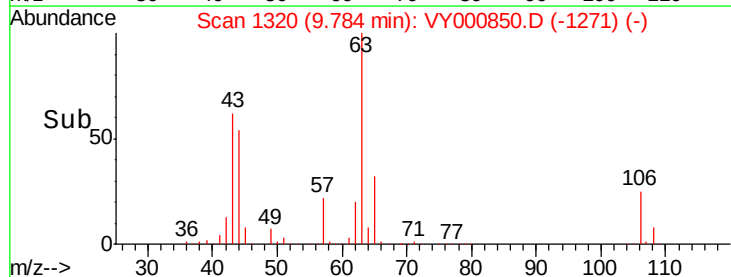
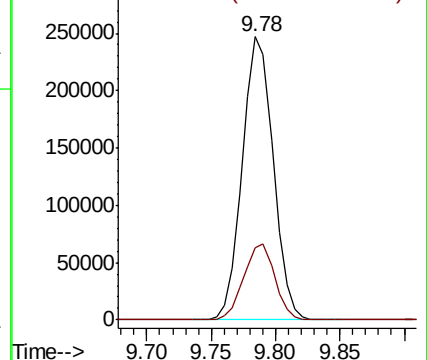
63 100

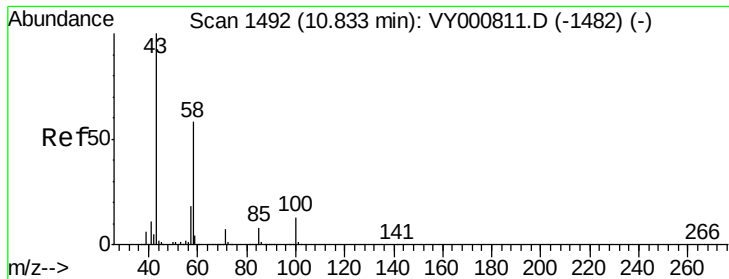
106 27.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

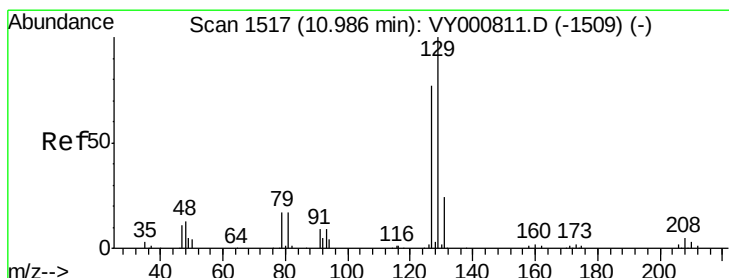
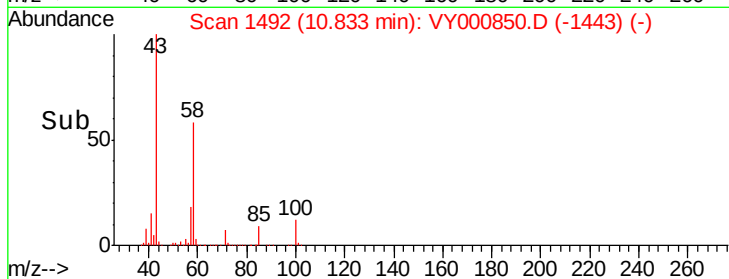
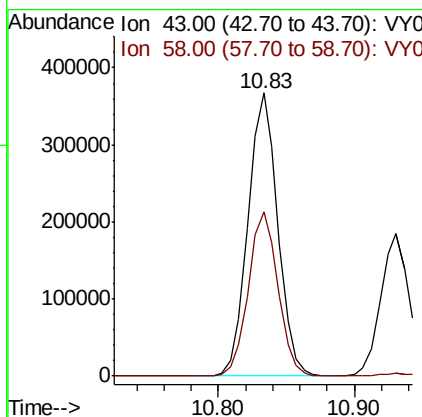
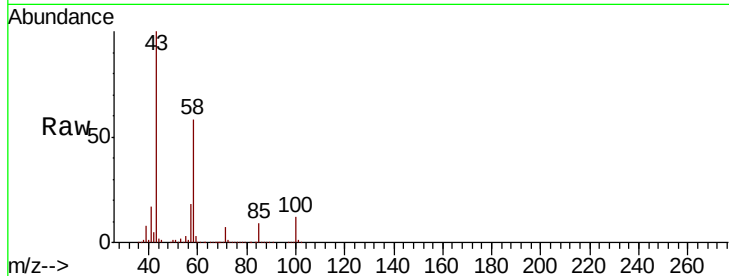




#59
2-Hexanone
Concen: 268.822 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

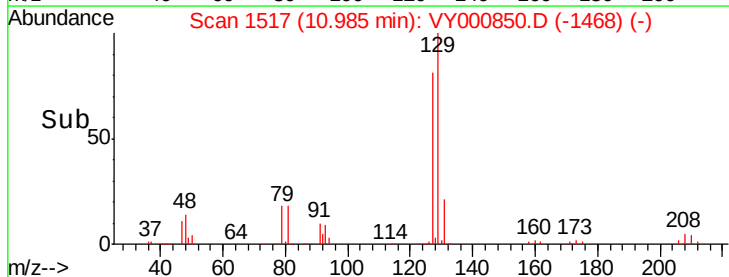
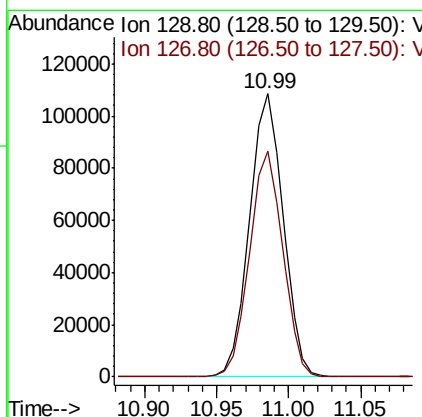
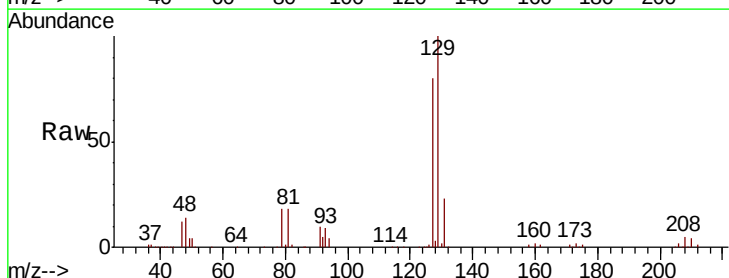
Instrument :
MSVOA_Y
ClientSampled :

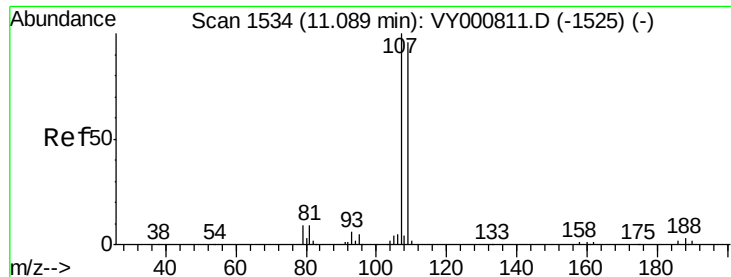
Tot Ion: 43 Resp: 564140
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.1



#60
Dibromochloromethane
Concen: 56.277 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 129 Resp: 175281
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2

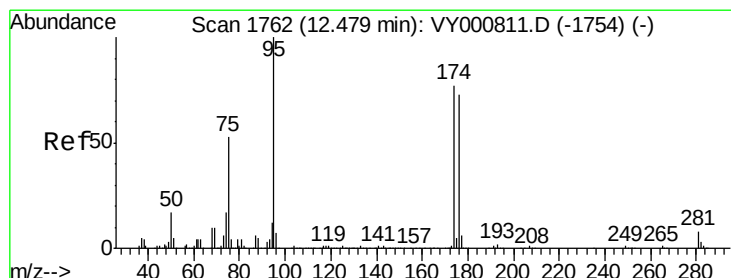
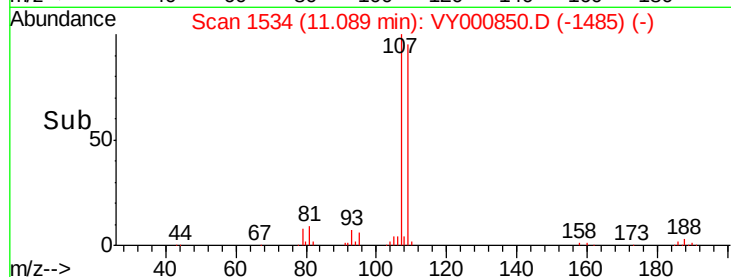
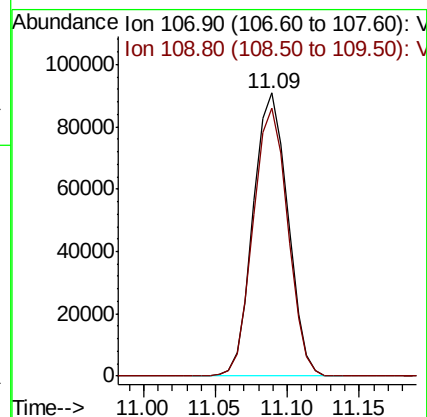
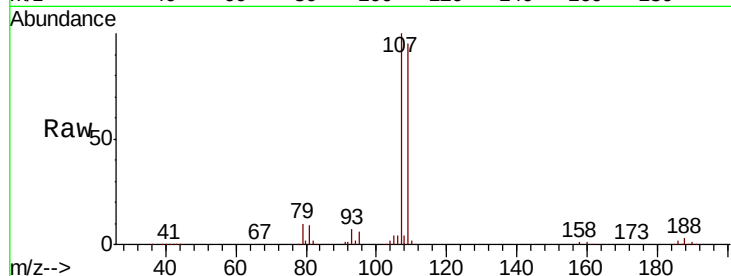




#61
 1,2-Dibromoethane
 Concen: 55.472 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

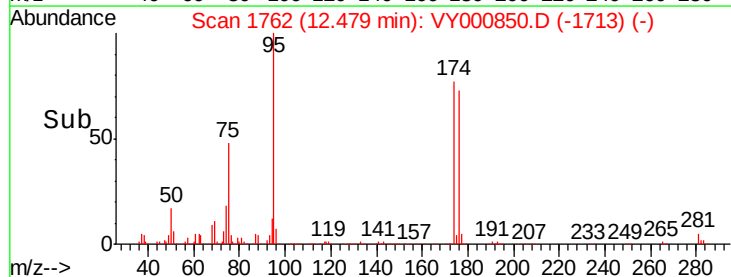
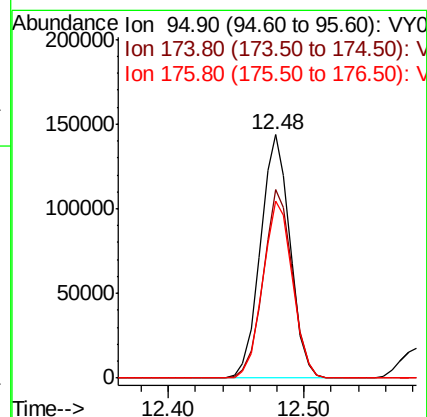
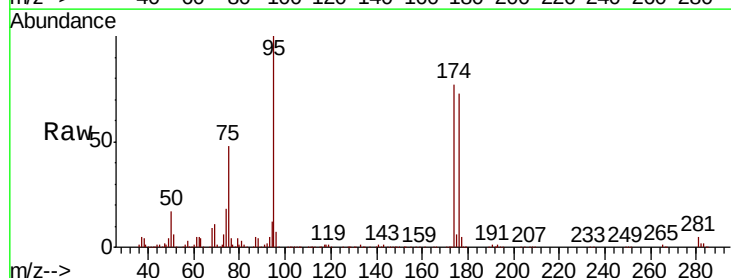
Instrument :
 MSVOA_Y
 ClientSampled :

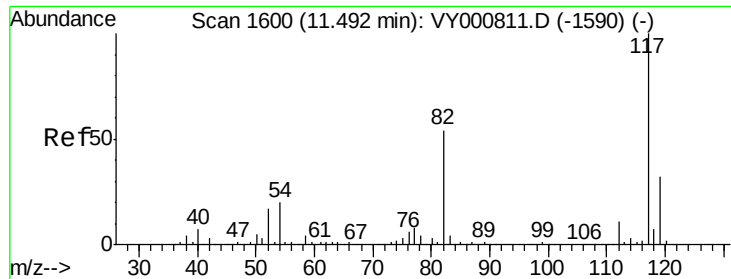
Tot Ion:107 Resp: 151255
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.602 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion: 95 Resp: 219107
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 150.6
 176 73.3 0.0 145.2

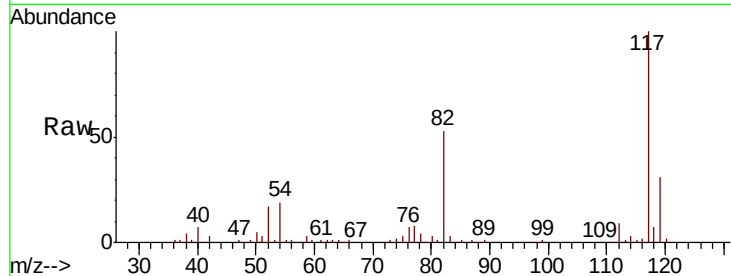




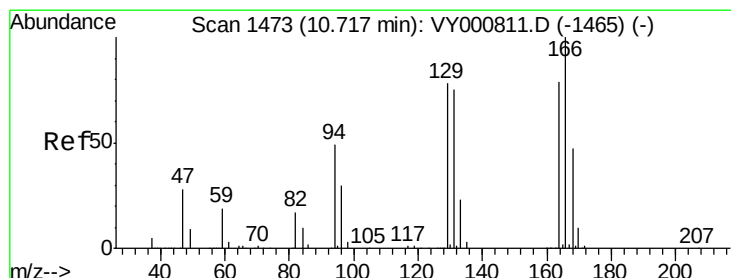
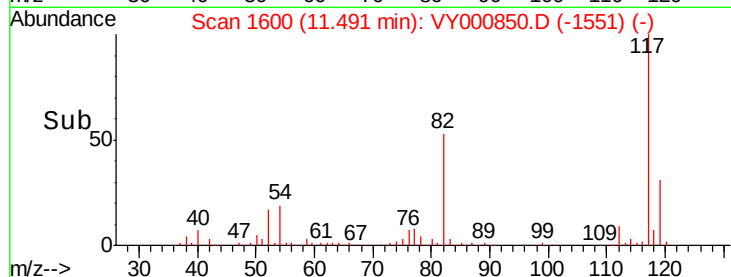
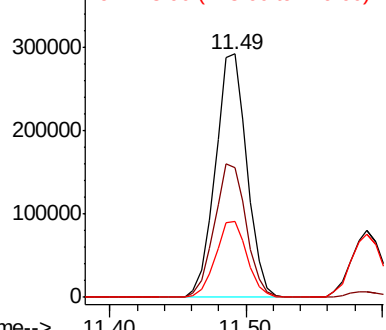
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 472689
Ion Ratio Lower Upper
117 100
82 53.3 43.1 64.7
119 31.2 25.3 37.9

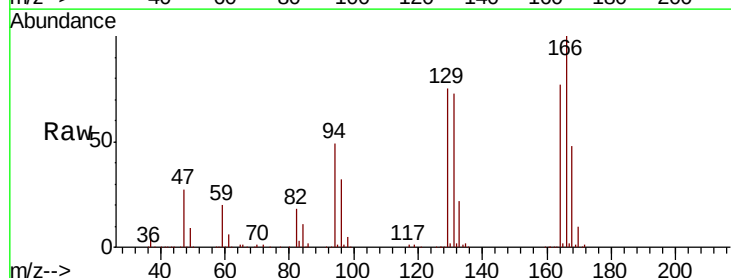


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

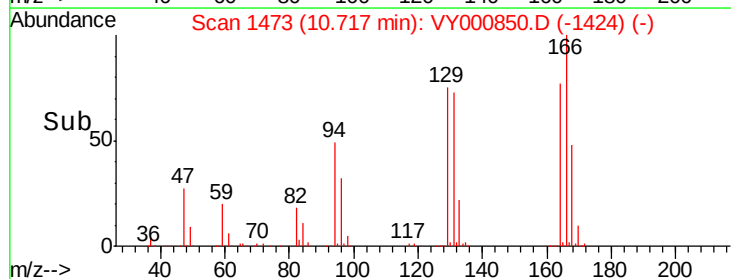
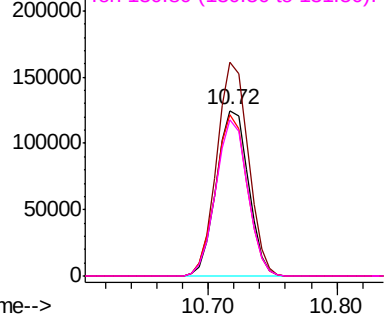


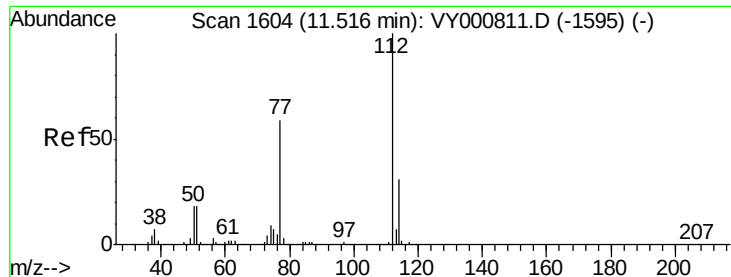
#64
Tetrachloroethene
Concen: 52.169 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion:164 Resp: 214251
Ion Ratio Lower Upper
164 100
166 129.1 101.8 152.8
129 97.4 79.3 118.9
131 94.3 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

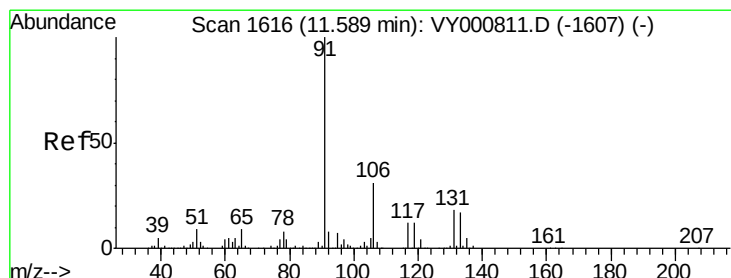
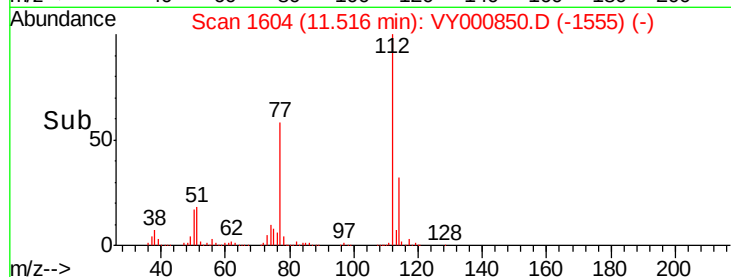
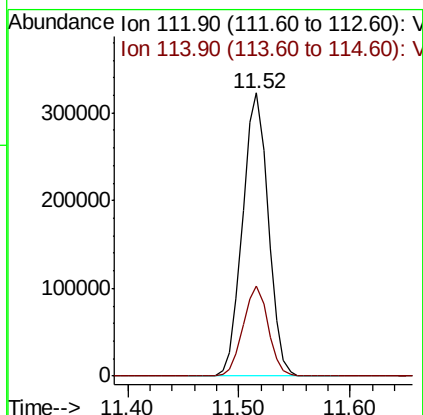
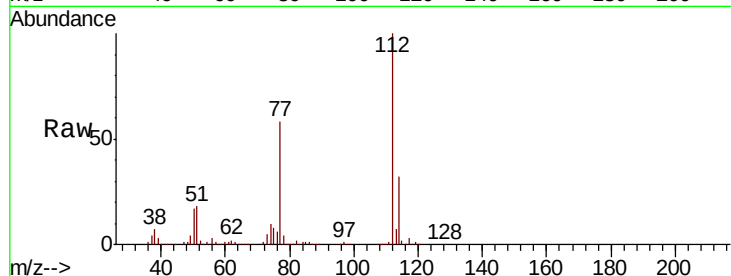




#65
Chlorobenzene
Concen: 52.747 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

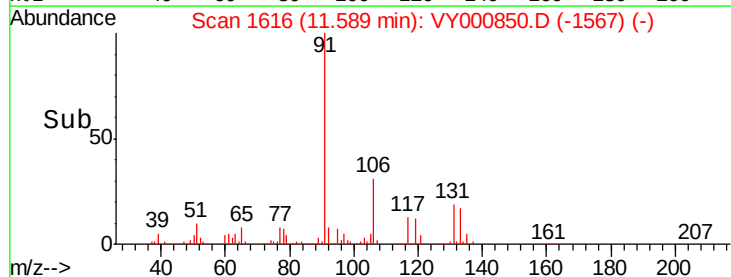
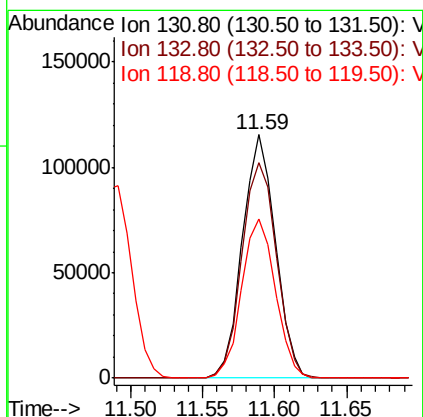
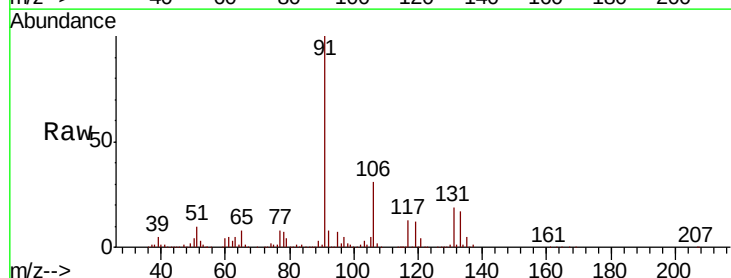
Instrument :
MSVOA_Y
ClientSampleId :

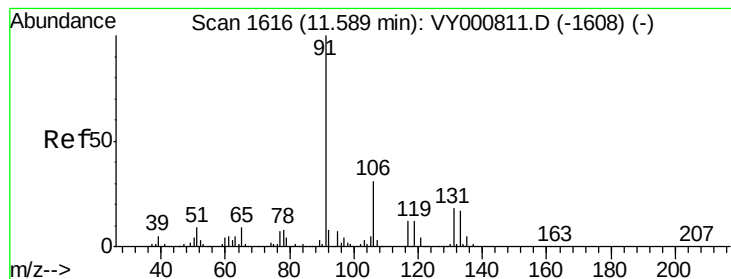
Tot Ion:112 Resp: 518264
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.284 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion:131 Resp: 183059
Ion Ratio Lower Upper
131 100
133 92.9 47.4 142.2
119 67.0 33.8 101.3





#67

Ethyl Benzene

Concen: 51.975 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

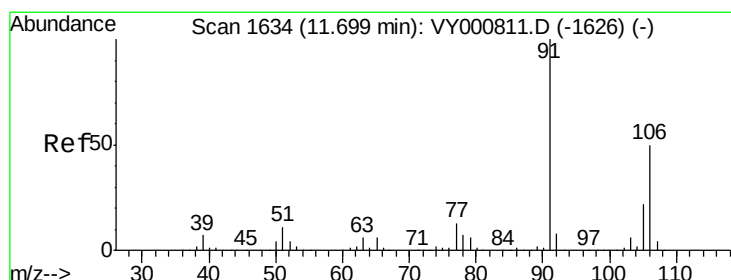
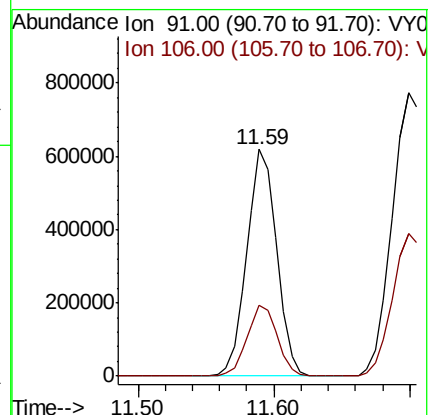
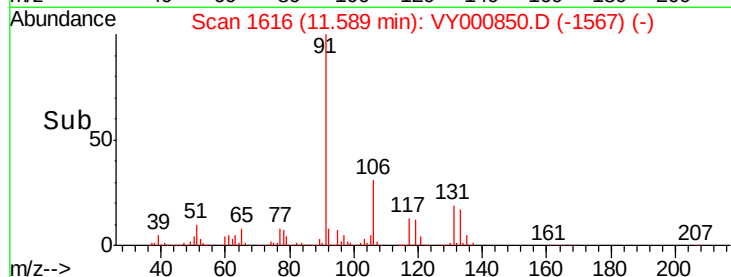
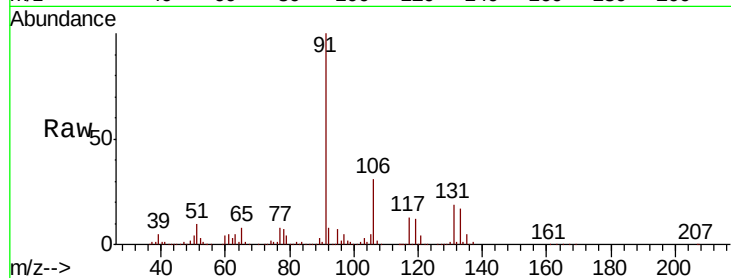
ClientSampled :

Tot Ion: 91 Resp: 951088

Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6



#68

m/p-Xylenes

Concen: 103.570 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000850.D

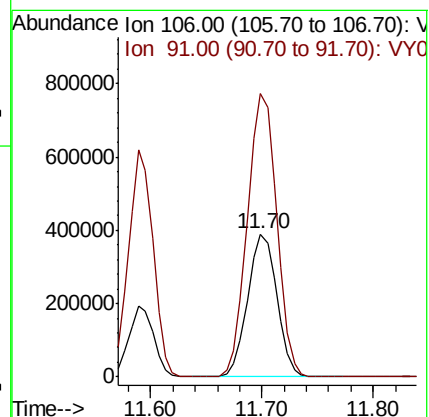
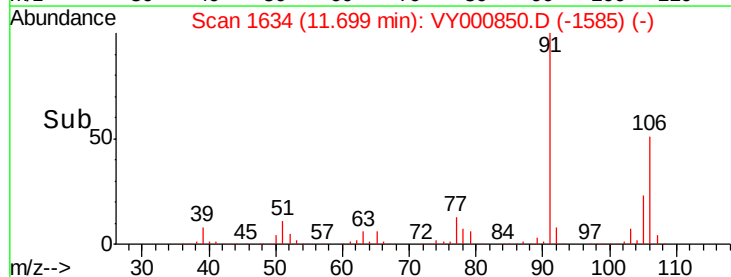
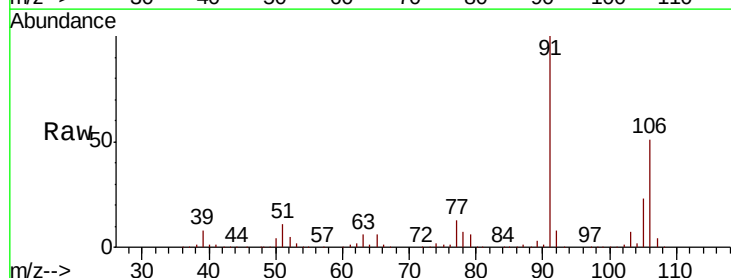
Acq: 03 Dec 2019 19:38

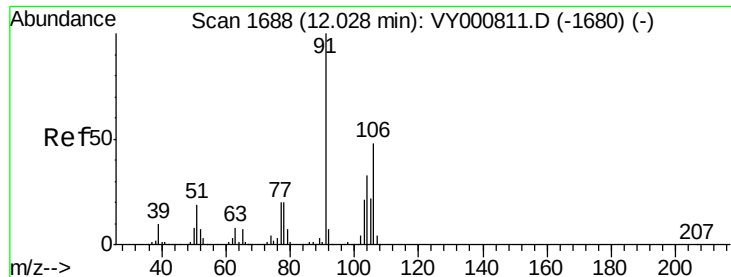
Tgt Ion: 106 Resp: 711360

Ion Ratio Lower Upper

106 100

91 199.7 159.6 239.4

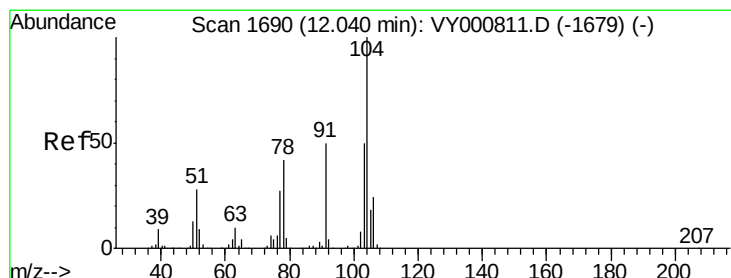
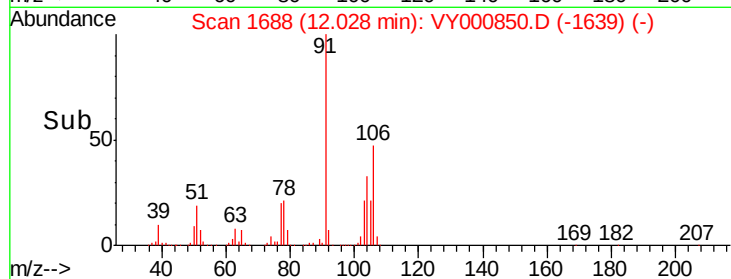
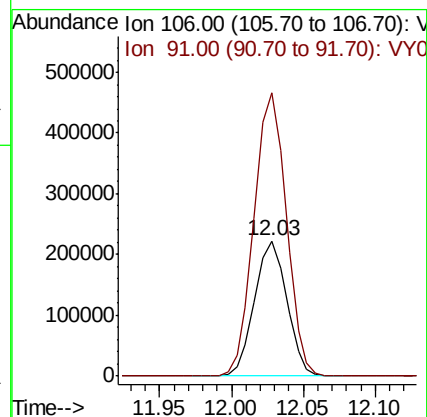
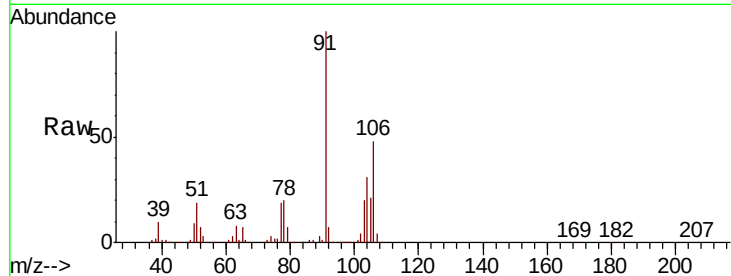




#69
o-Xylene
Concen: 53.750 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

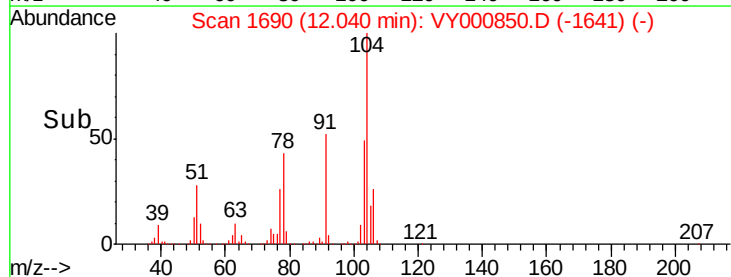
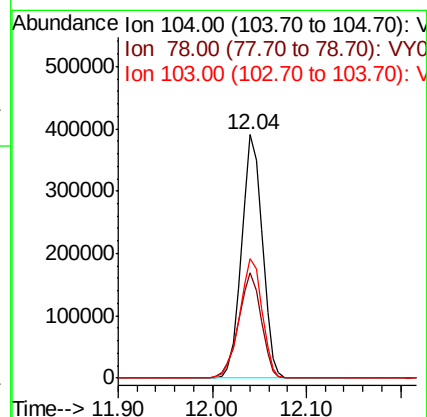
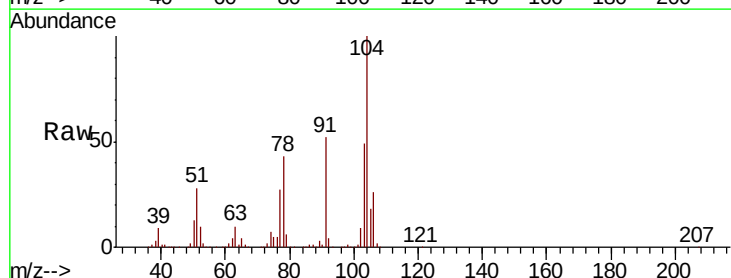
Instrument :
MSVOA_Y
ClientSampled :

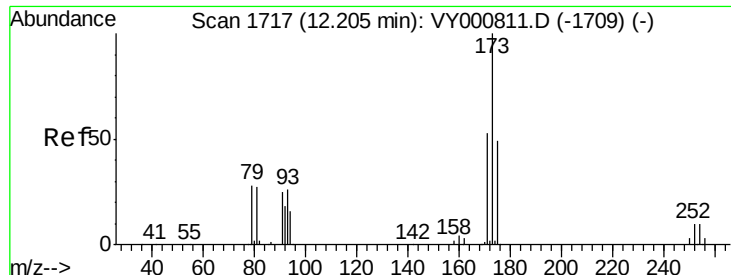
Tot Ion:106 Resp: 344222
Ion Ratio Lower Upper
106 100
91 210.1 106.1 318.1



#70
Styrene
Concen: 54.505 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion:104 Resp: 597681
Ion Ratio Lower Upper
104 100
78 47.2 38.2 57.4
103 53.2 43.4 65.0





#71

Bromoform

Concen: 54.005 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

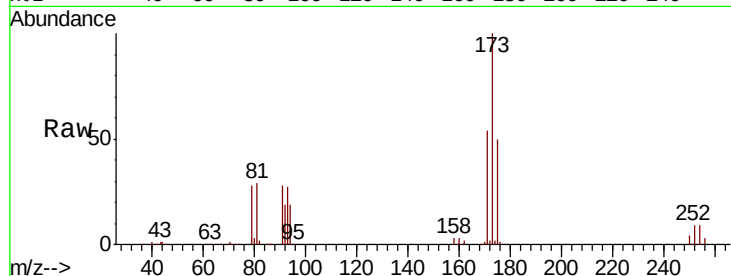
Tot Ion:173 Resp: 100856

Ion Ratio Lower Upper

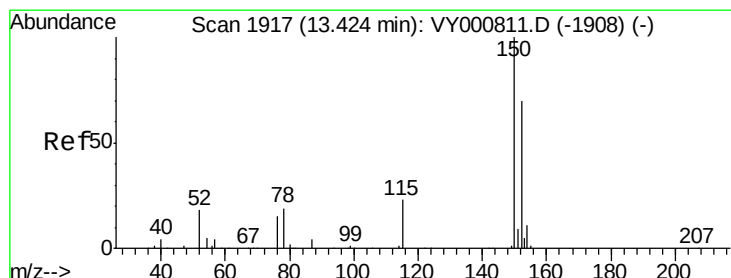
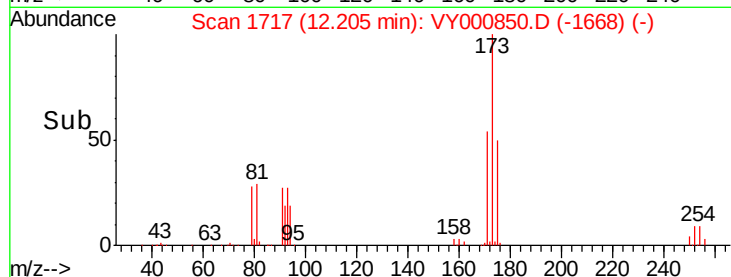
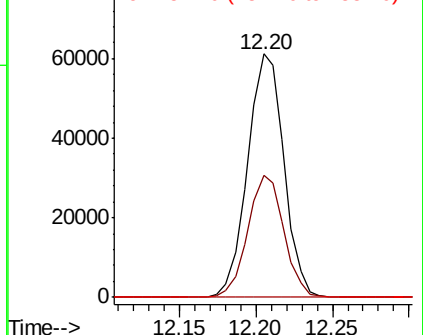
173 100

175 49.7 24.5 73.5

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

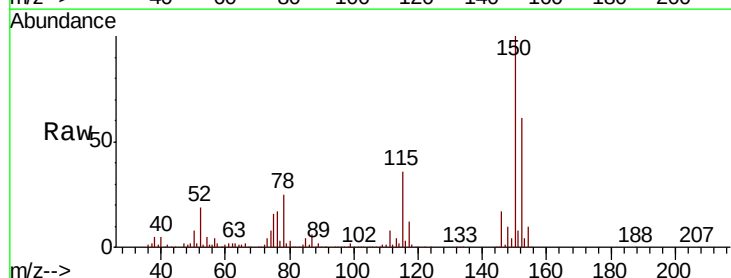
Tgt Ion:152 Resp: 217461

Ion Ratio Lower Upper

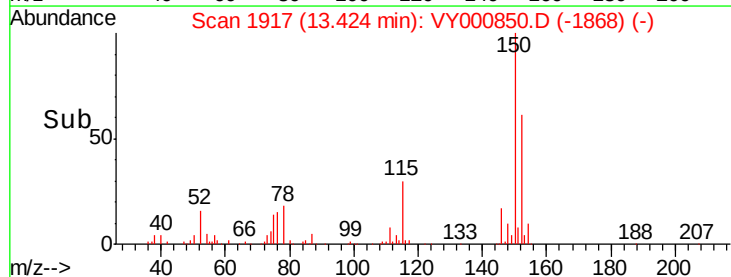
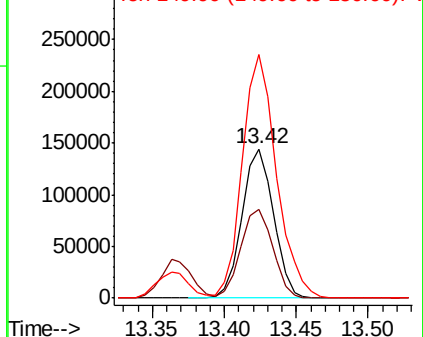
152 100

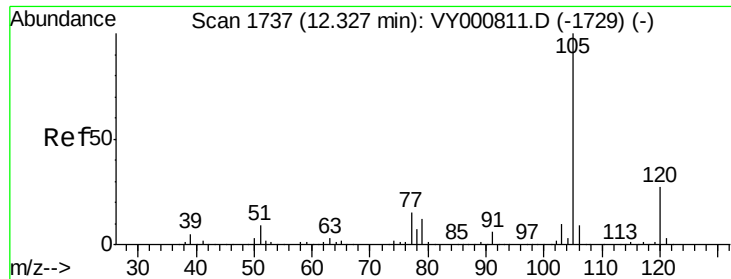
115 60.7 29.3 87.8

150 177.9 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: 52.172 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

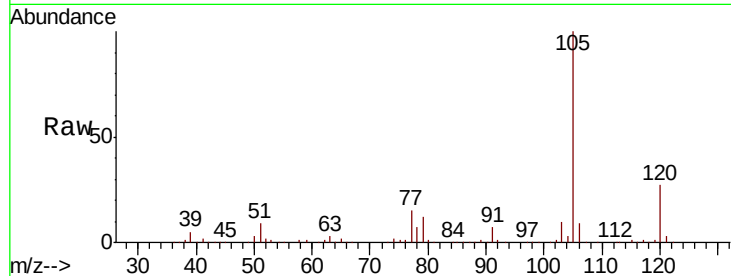
ClientSampleId :

Tot Ion:105 Resp: 903351

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

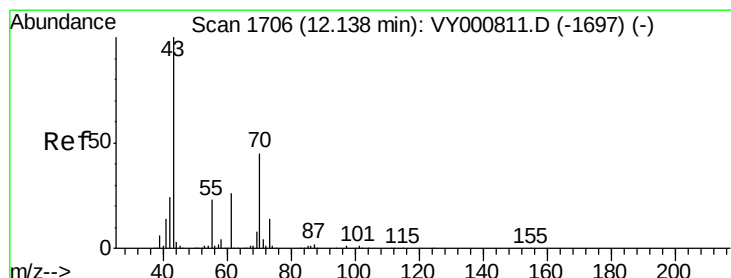
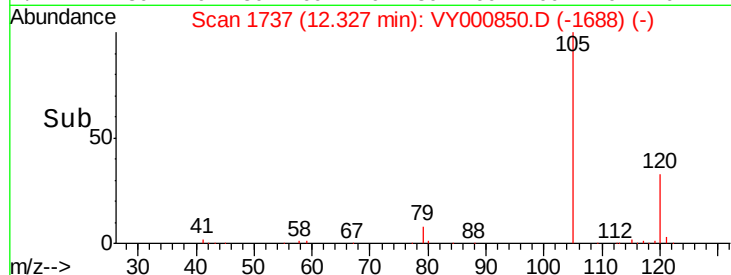
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 55.336 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Tgt Ion: 43 Resp: 266680

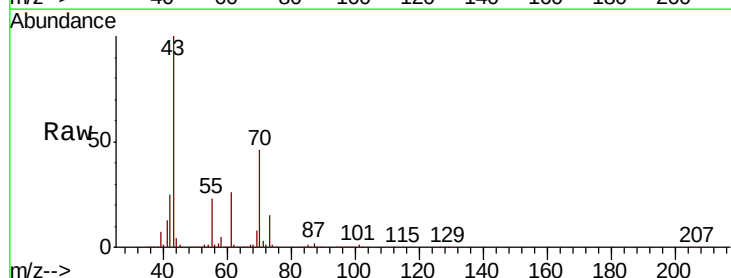
Ion Ratio Lower Upper

43 100

70 45.2 36.6 54.8

55 23.6 18.8 28.2

61 26.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

250000

200000

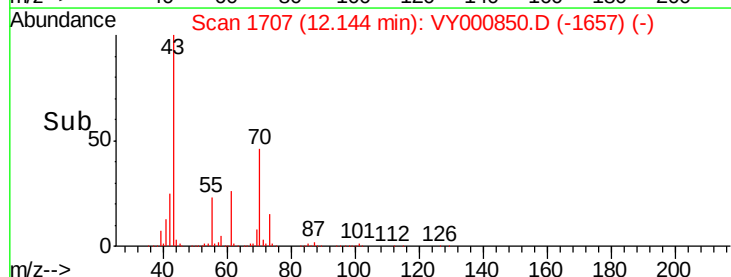
150000

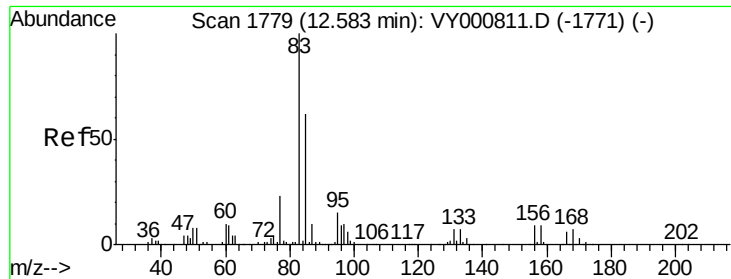
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.480 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

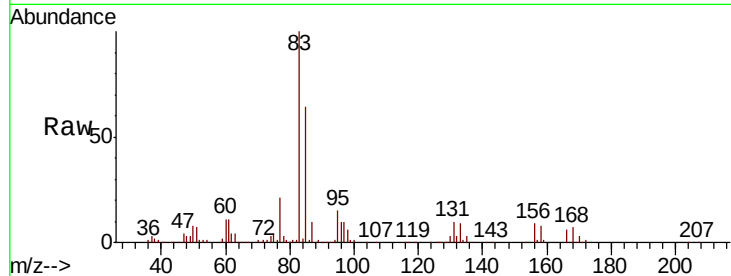
Tot Ion: 83 Resp: 182453

Ion Ratio Lower Upper

83 100

131 9.4 4.3 13.1

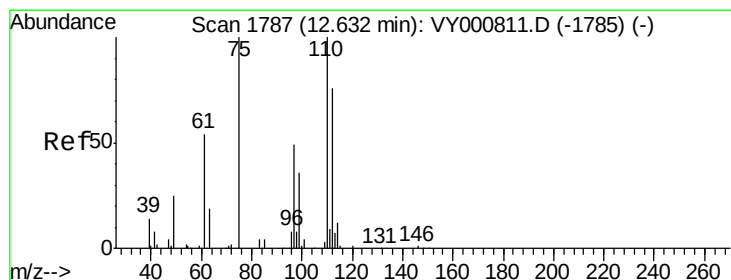
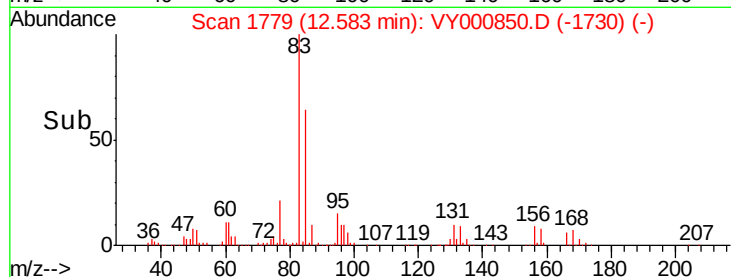
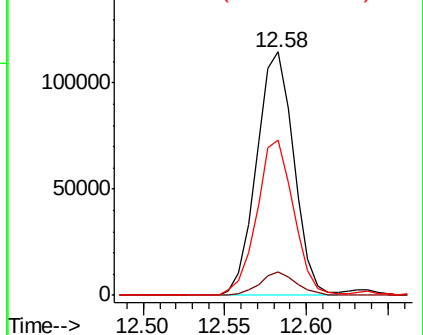
85 63.3 32.4 97.0



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: 105.159 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000850.D

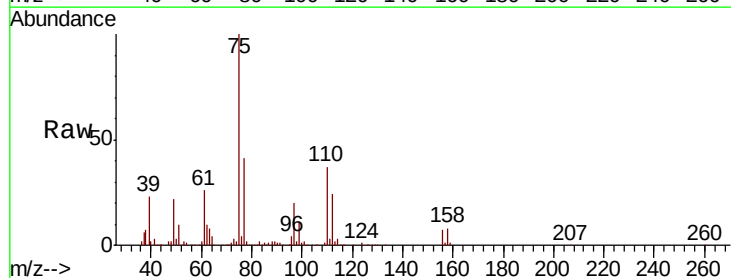
Acq: 03 Dec 2019 19:38

Tgt Ion: 75 Resp: 259093

Ion Ratio Lower Upper

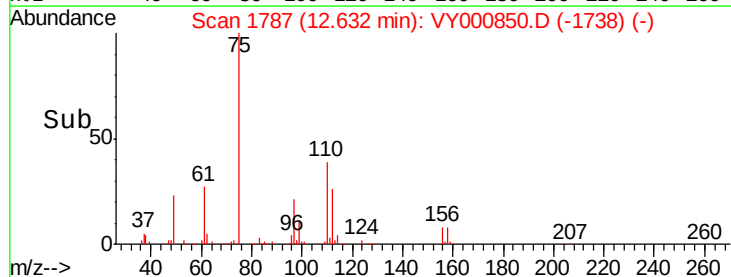
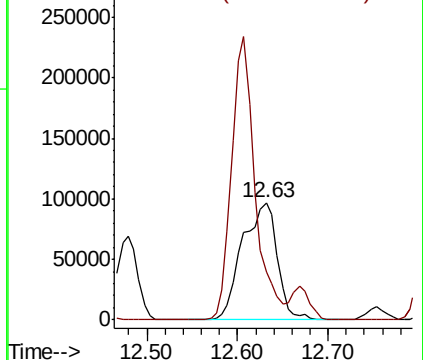
75 100

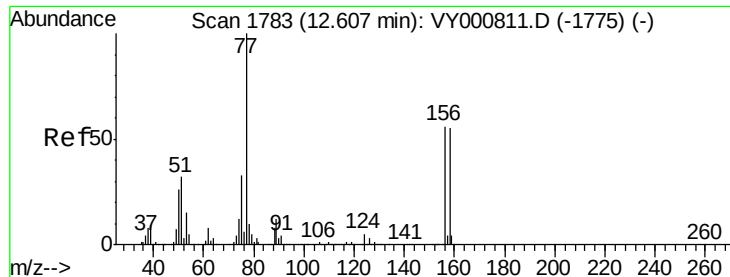
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 54.372 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

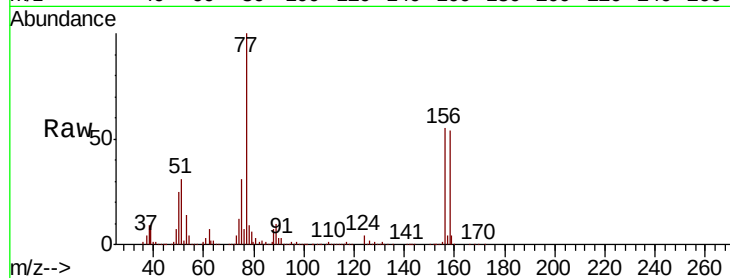
Tot Ion:156 Resp: 204070

Ion Ratio Lower Upper

156 100

77 204.9 102.6 307.7

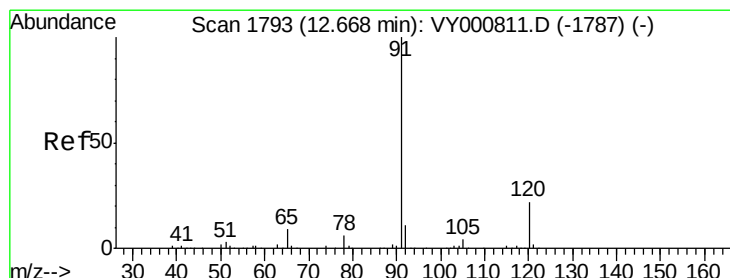
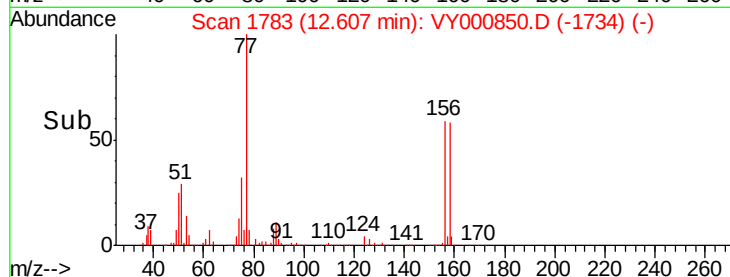
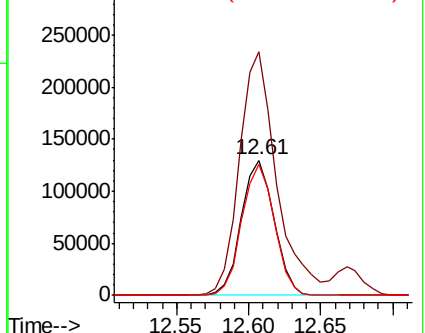
158 96.6 47.6 142.8



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: 52.034 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000850.D

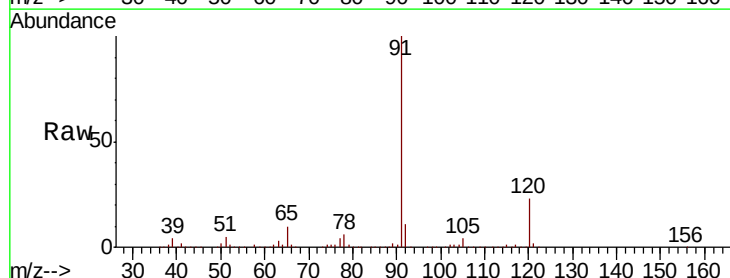
Acq: 03 Dec 2019 19:38

Tgt Ion: 91 Resp: 1100083

Ion Ratio Lower Upper

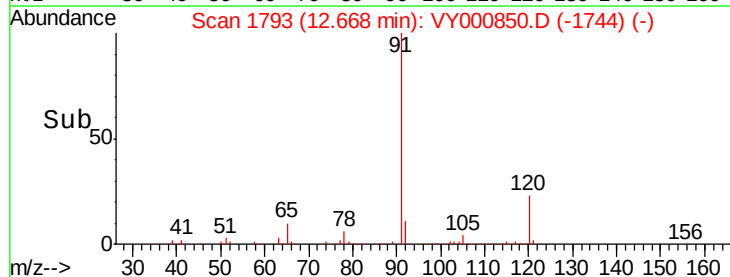
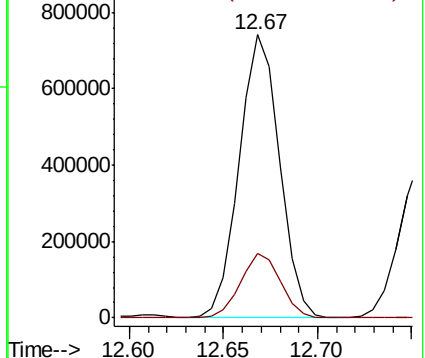
91 100

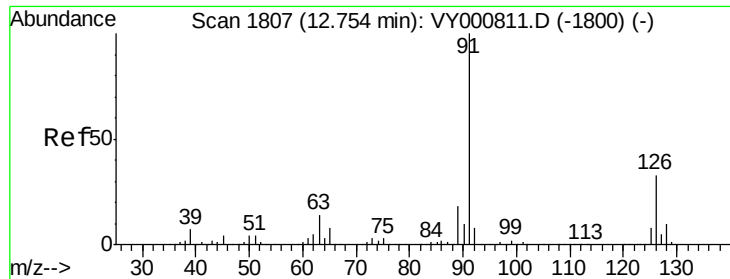
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

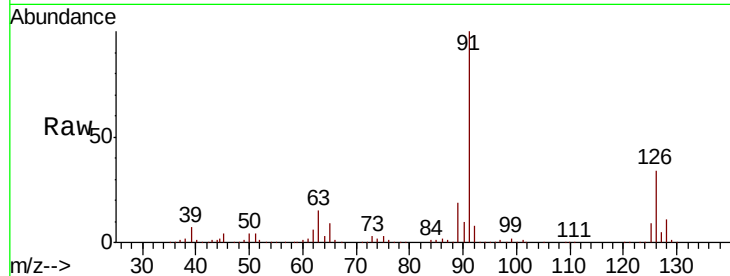




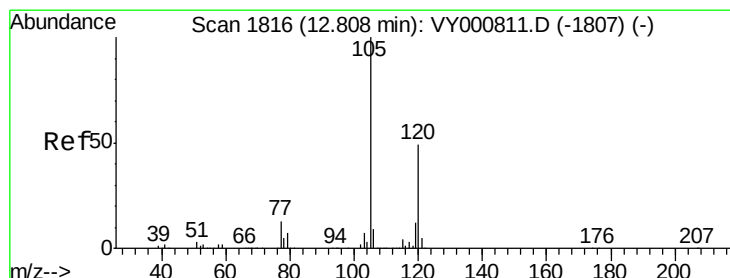
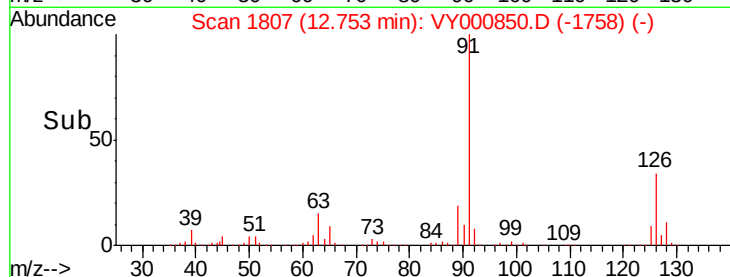
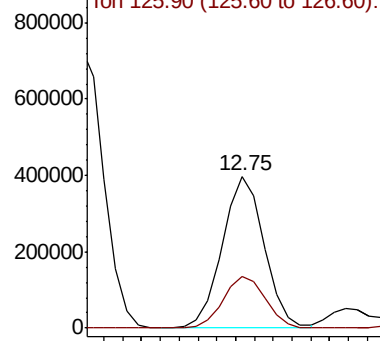
#79
 2-Chlorotoluene
 Concen: 52.587 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 91 Resp: 614202
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.0 51.0

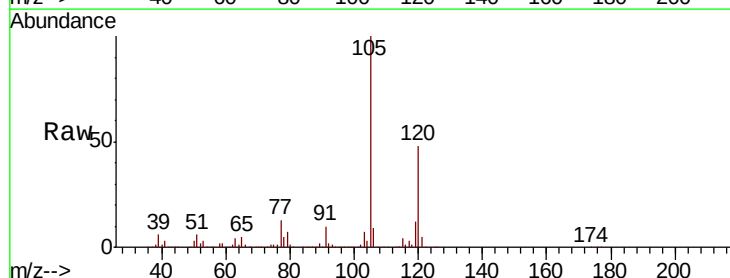


Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V

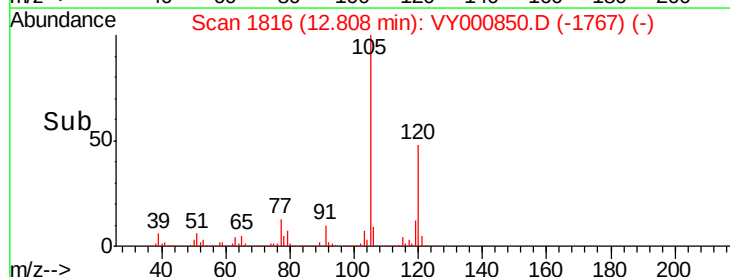
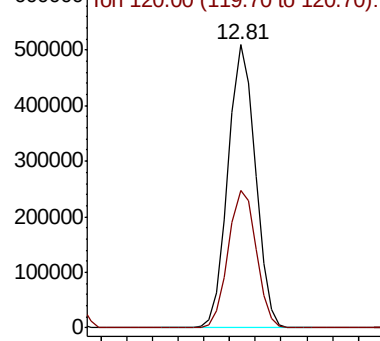


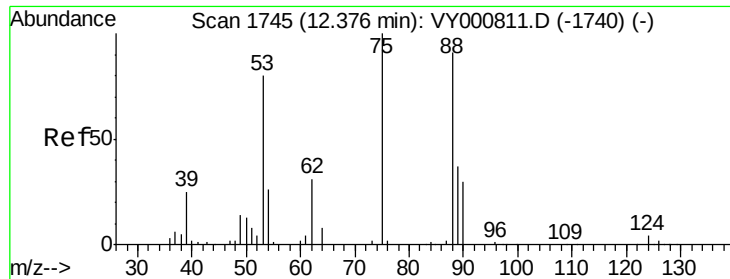
#80
 1,3,5-Trimethylbenzene
 Concen: 52.148 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion: 105 Resp: 747598
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0



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

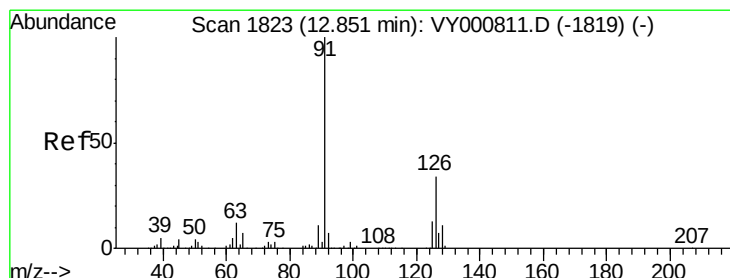
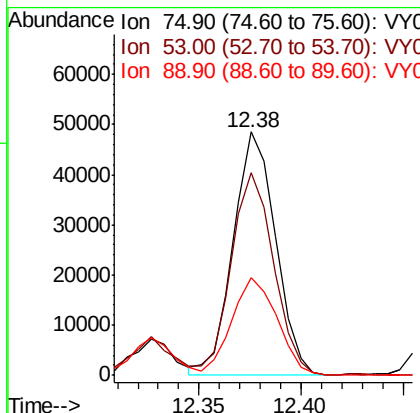
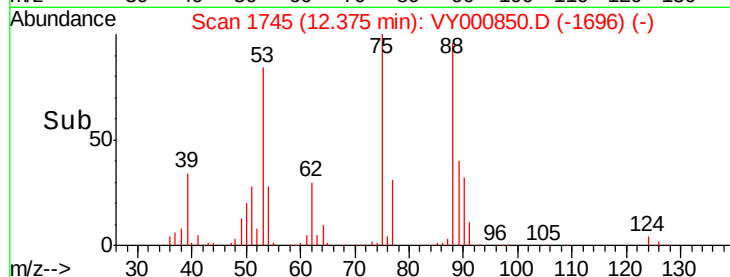
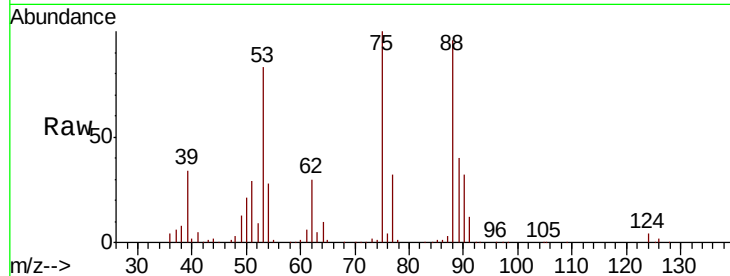




#81
trans-1,4-Dichloro-2-butene
Concen: 55.251 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

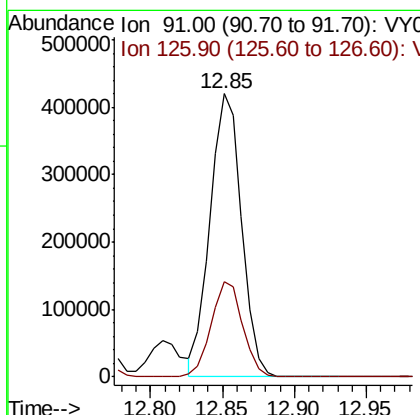
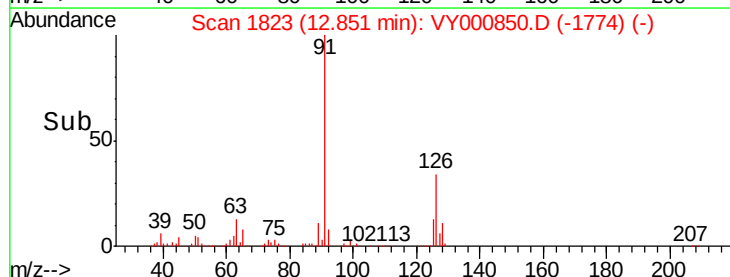
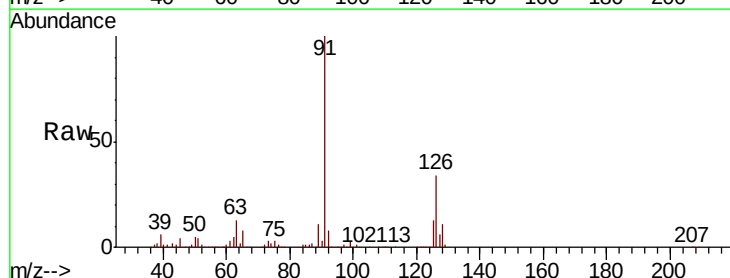
Instrument :
MSVOA_Y
ClientSampled :

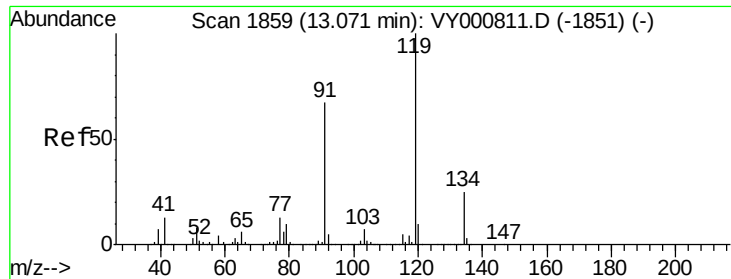
Tot Ion: 75 Resp: 69302
Ion Ratio Lower Upper
75 100
53 83.9 64.6 96.8
89 43.0 33.6 50.4



#82
4-Chlorotoluene
Concen: 53.241 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 91 Resp: 640658
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.9

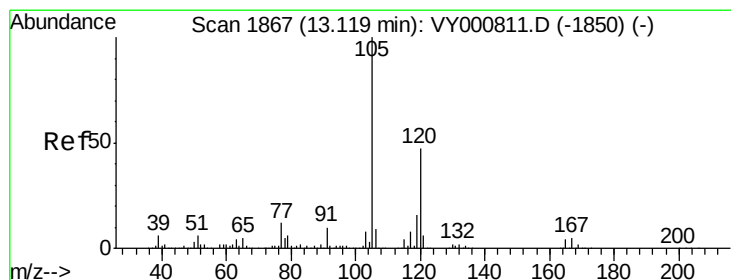
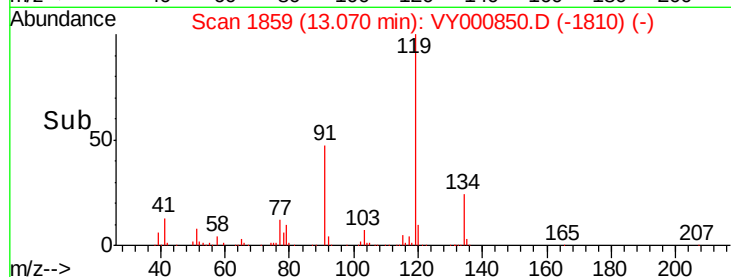
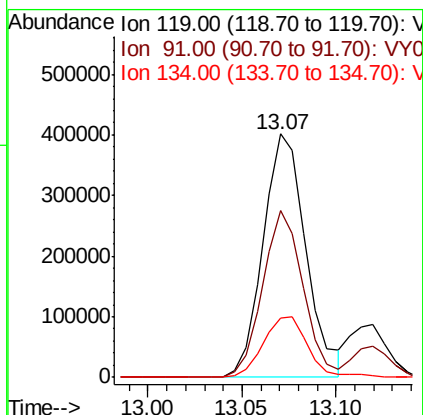
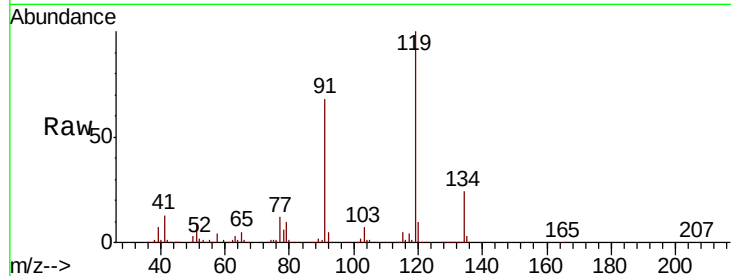




#83
tert-Butylbenzene
Concen: 52.638 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

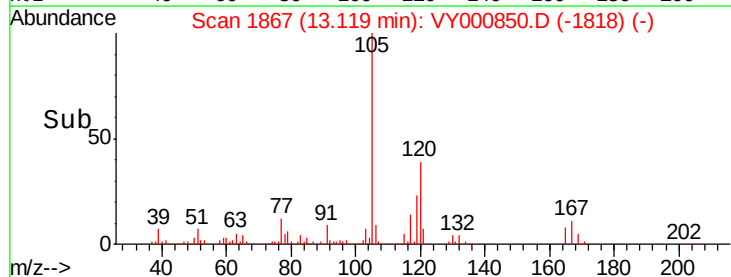
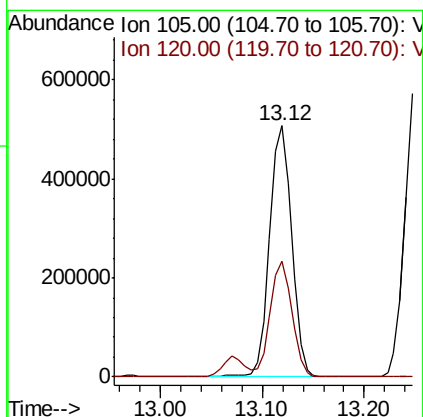
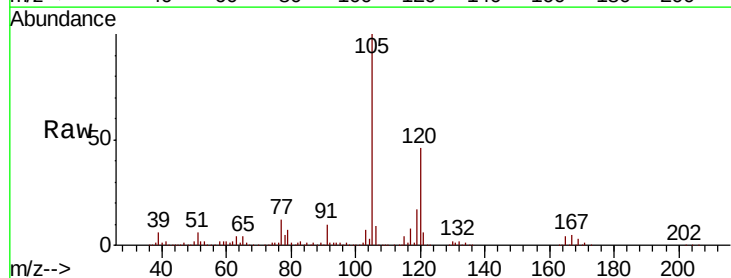
Instrument :
MSVOA_Y
ClientSampleId :

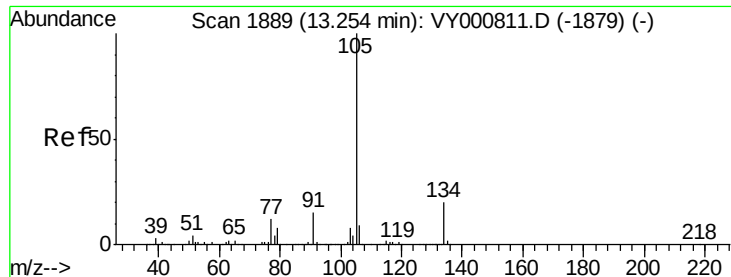
Tot Ion:119 Resp: 634446
Ion Ratio Lower Upper
119 100
91 64.6 32.3 96.8
134 26.1 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 52.879 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion:105 Resp: 758443
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.8





#85

sec-Butylbenzene

Concen: 52.290 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

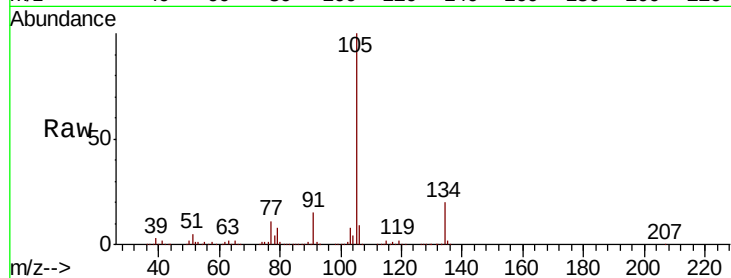
ClientSampleId :

Tot Ion:105 Resp: 916620

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

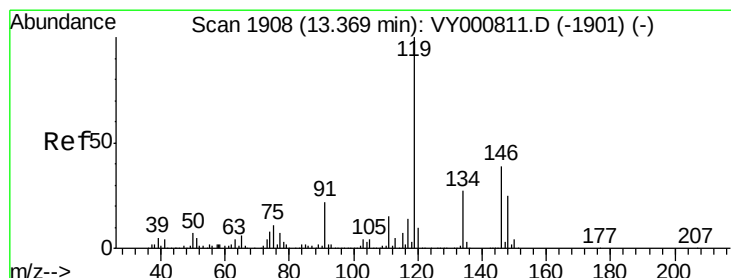
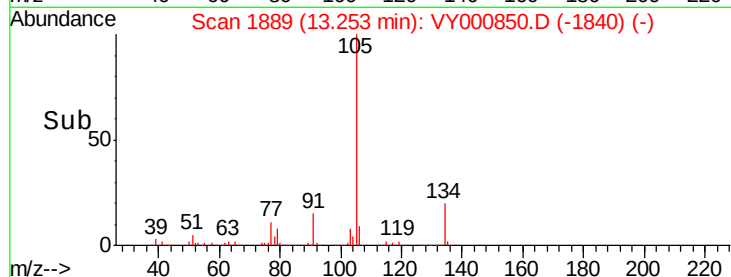
600000

400000

200000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 52.386 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

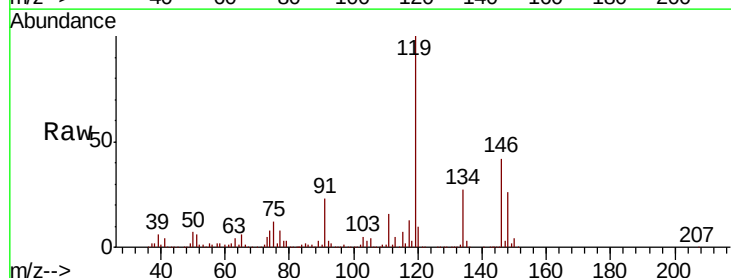
Tgt Ion:119 Resp: 798722

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 23.2 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

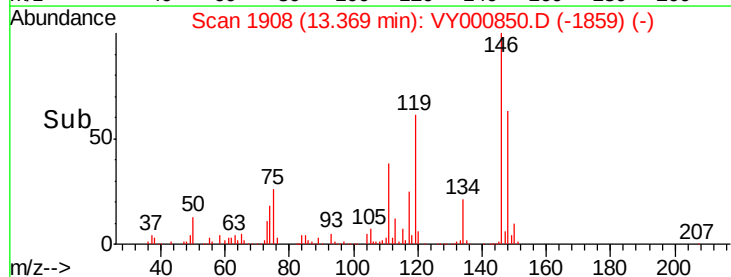
600000

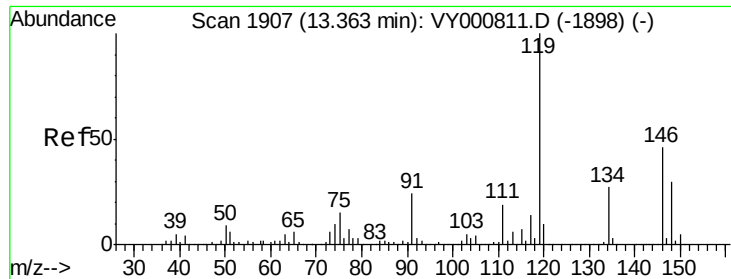
400000

200000

0

Time--> 13.30 13.35 13.40

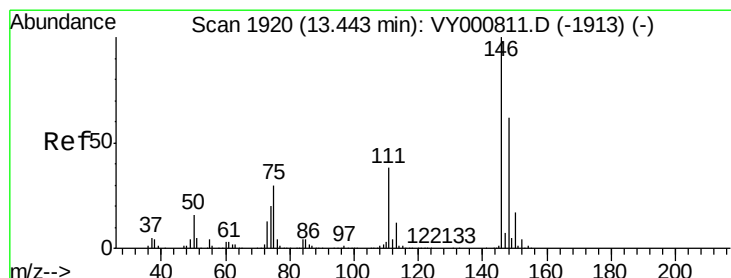
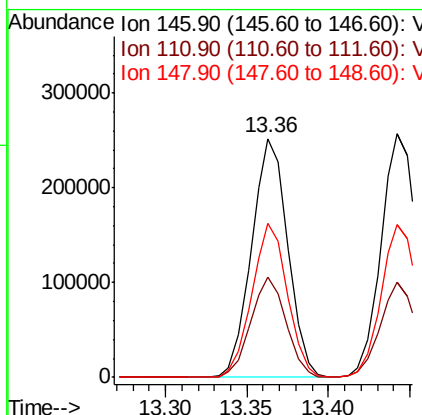
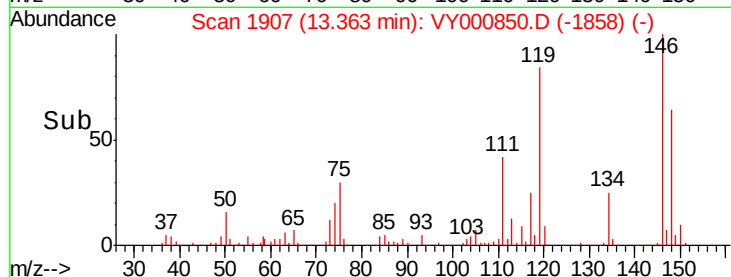
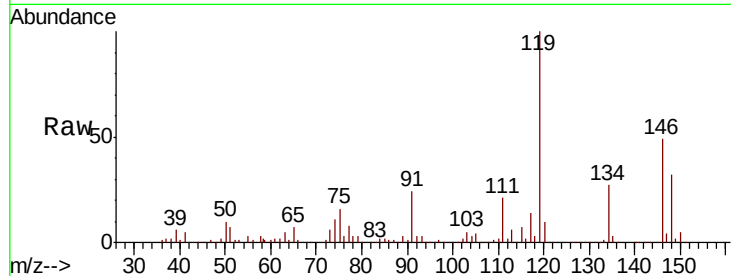




#87
 1,3-Dichlorobenzene
 Concen: 52.696 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

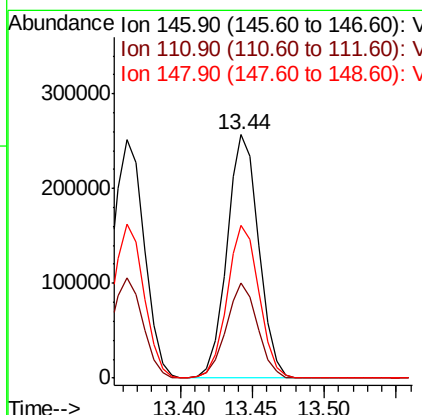
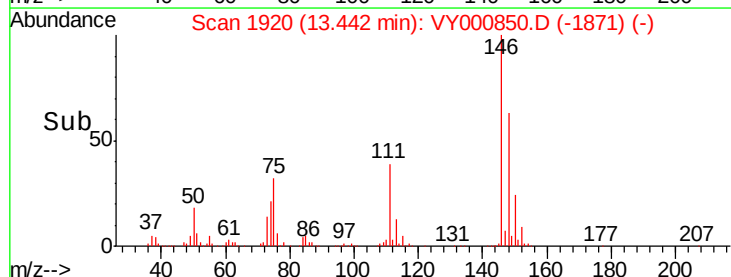
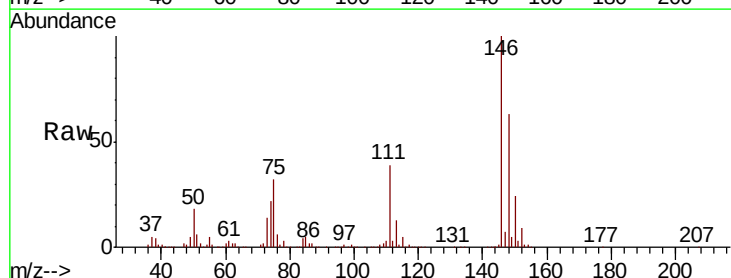
Instrument :
 MSVOA_Y
 ClientSampleId :

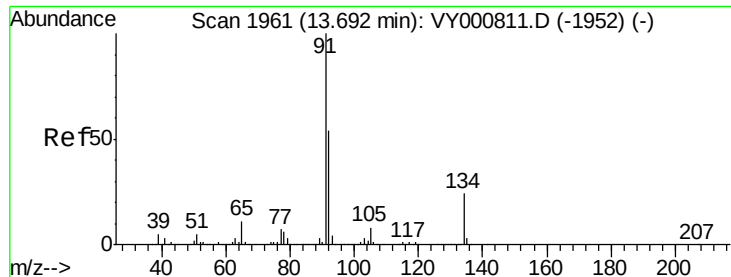
Tot Ion:146 Resp: 387986
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 60.0
 148 63.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 54.387 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion:146 Resp: 396489
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.0 59.9
 148 62.9 31.7 95.1

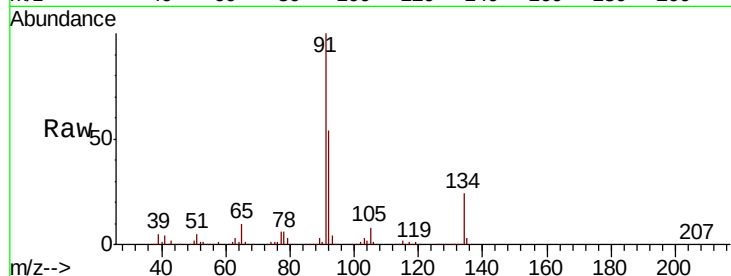




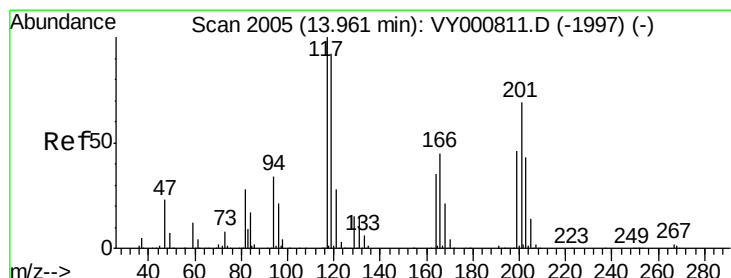
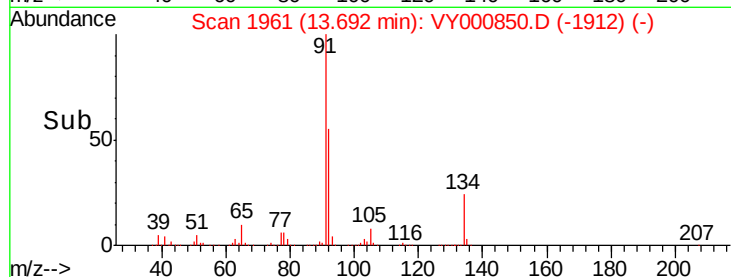
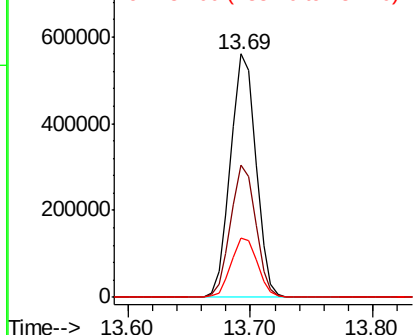
#89
n-Butylbenzene
Concen: 52.164 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 804123
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 25.1 12.6 37.6

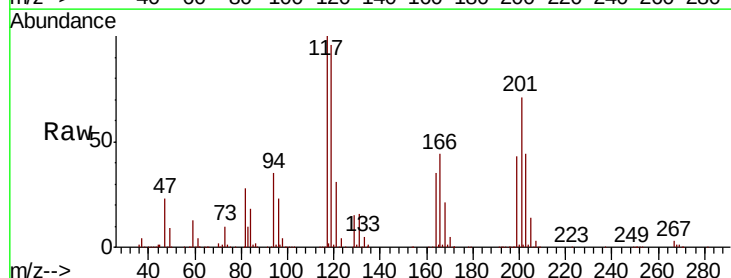


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

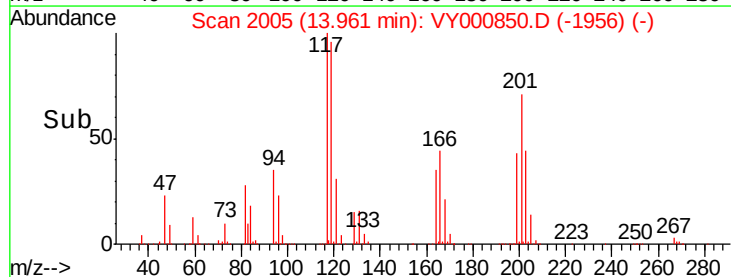
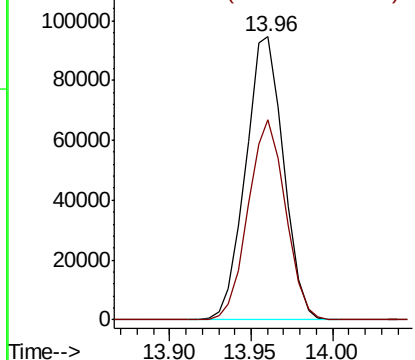


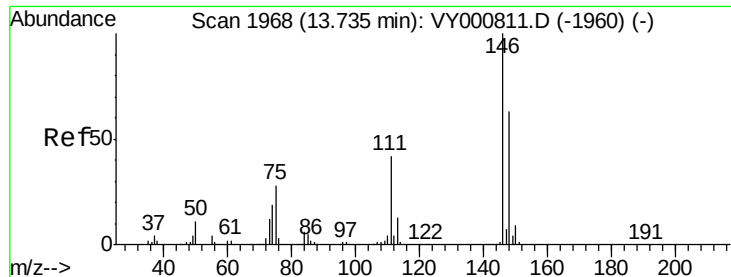
#90
Hexachloroethane
Concen: 54.406 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 117 Resp: 152806
Ion Ratio Lower Upper
117 100
201 69.9 34.0 102.0



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

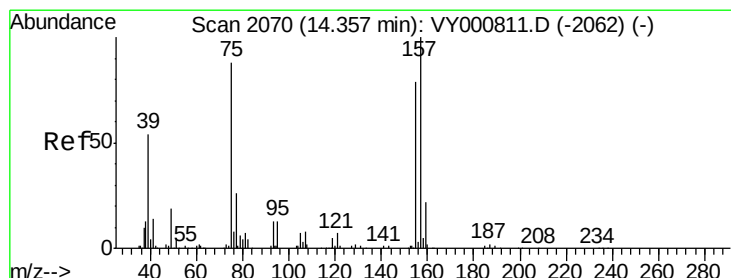
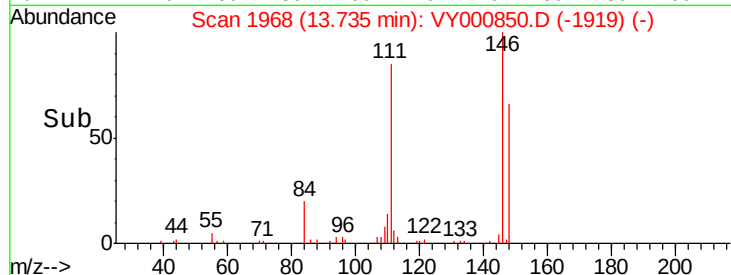
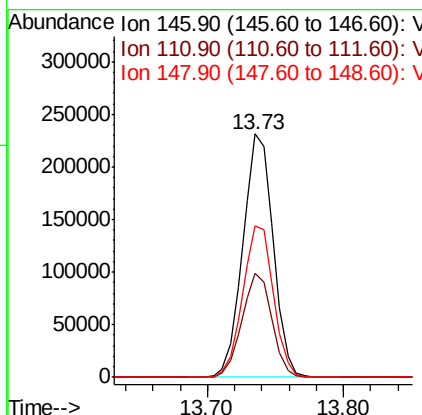
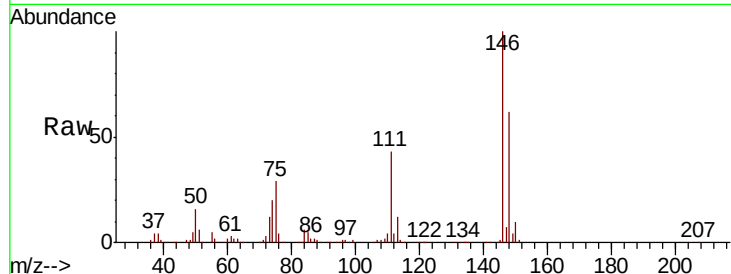




#91
 1,2-Dichlorobenzene
 Concen: 54.298 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

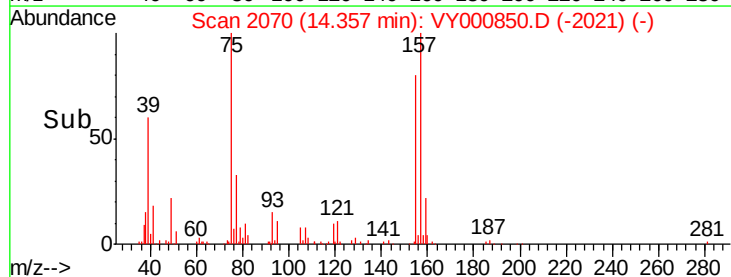
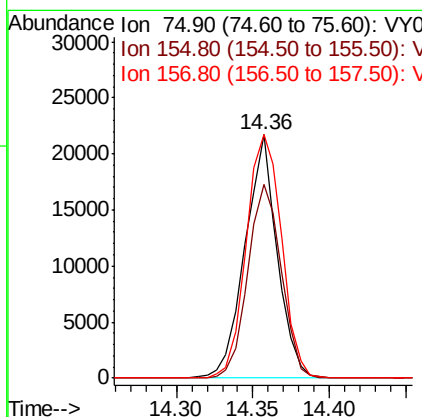
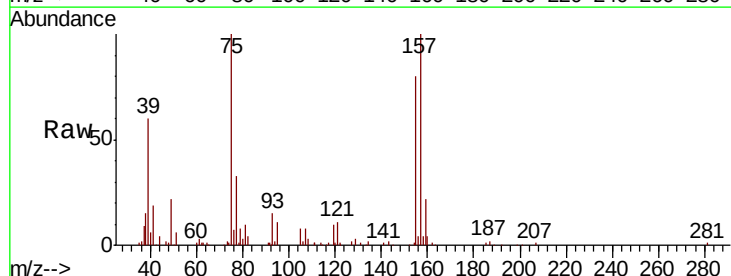
Instrument :
 MSVOA_Y
 ClientSampleId :

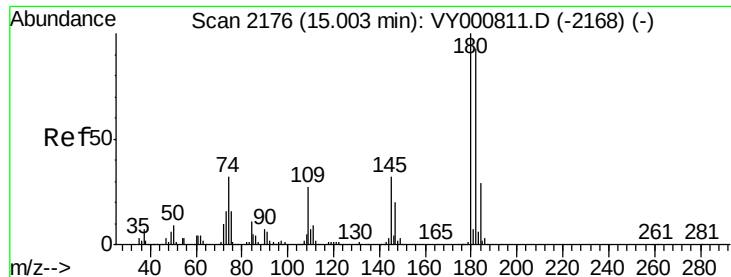
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.9	62.7
148	63.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.294 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	44.3	132.9
157	110.1	56.3	168.9

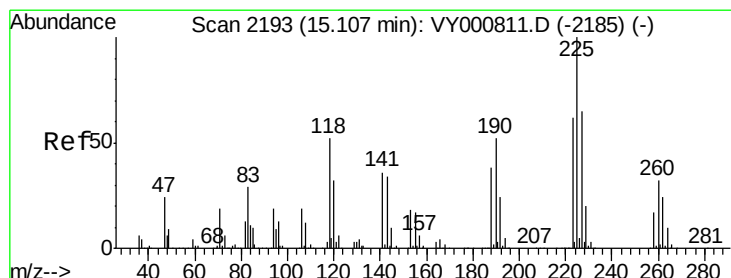
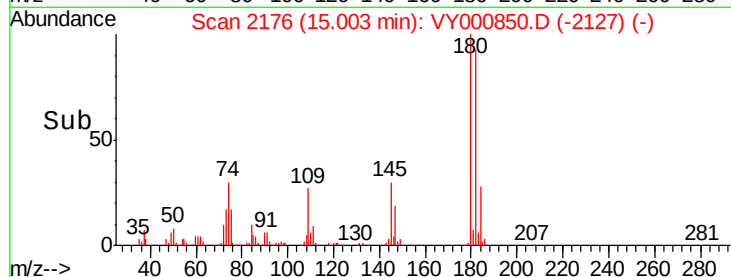
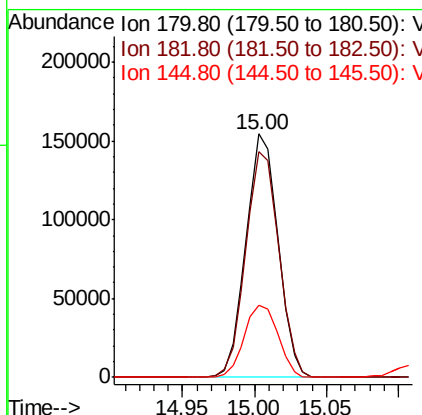
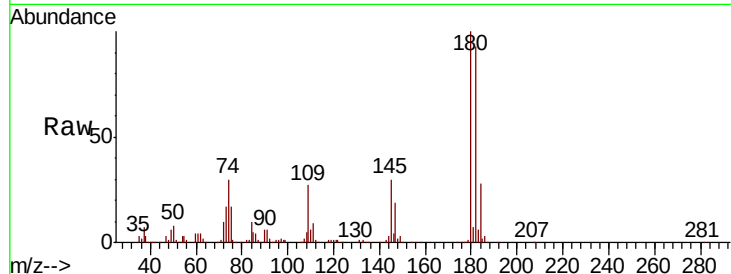




#93
 1,2,4-Trichlorobenzene
 Concen: 53.078 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

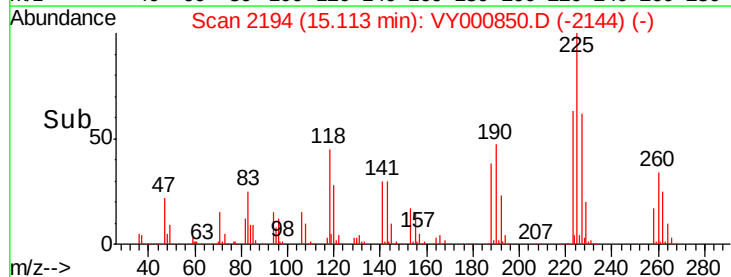
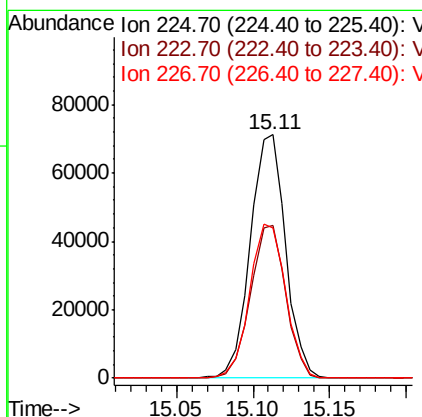
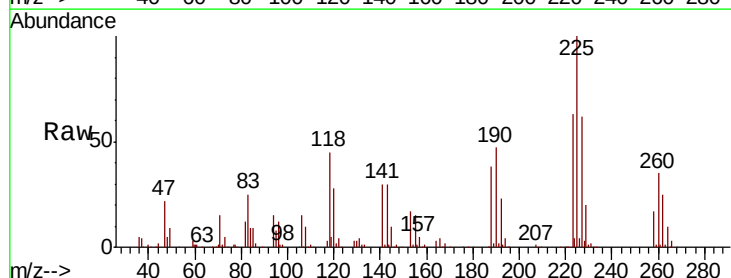
Instrument :
 MSVOA_Y
 ClientSampleId :

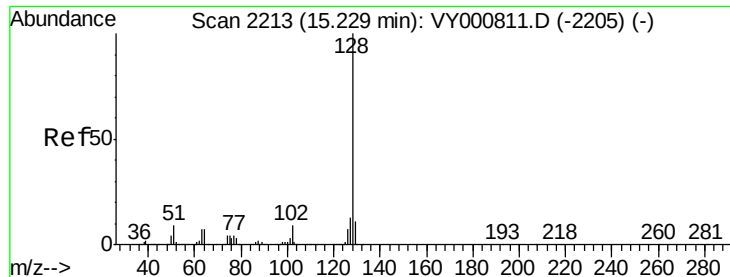
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.9
145	31.4	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 51.374 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.4	94.3
227	64.7	31.8	95.3





#95

Naphthalene

Concen: 55.006 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampled :

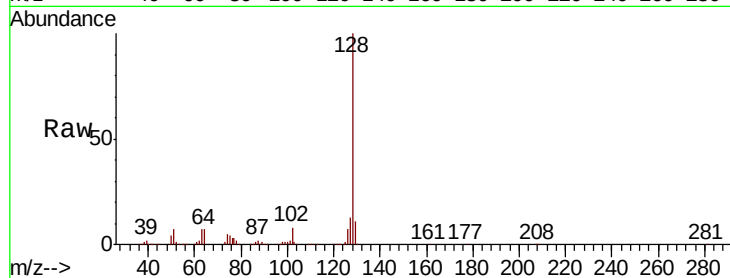
Tot Ion:128 Resp: 572382

Ion Ratio Lower Upper

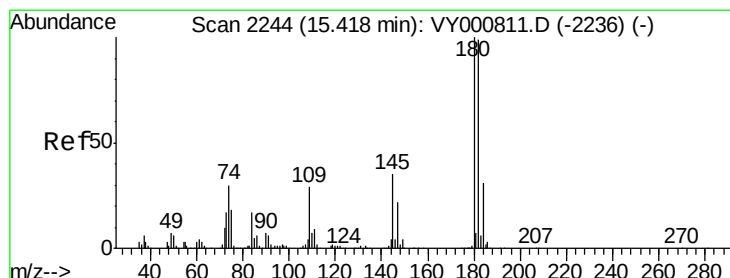
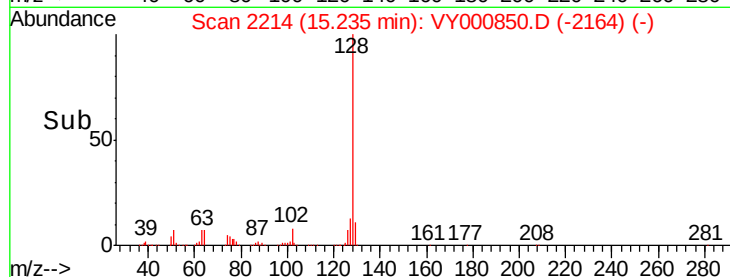
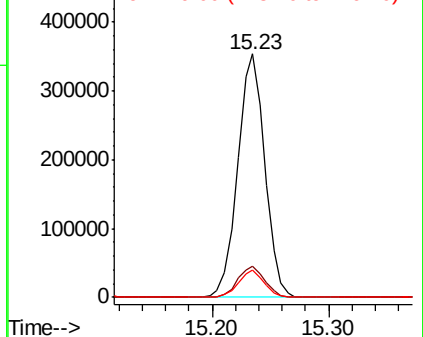
128 100

127 12.7 10.1 15.1

129 10.6 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: 54.481 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

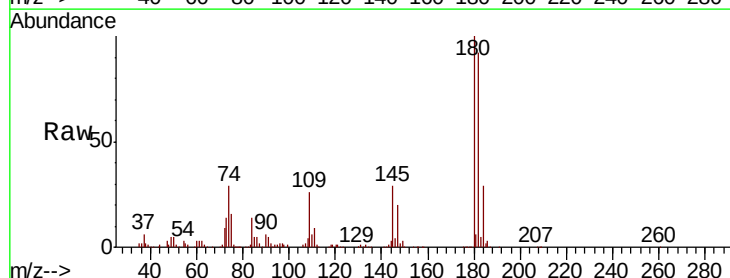
Tgt Ion:180 Resp: 218080

Ion Ratio Lower Upper

180 100

182 94.2 48.0 144.0

145 32.0 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

