

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000830.D
 Acq On : 27 Nov 2019 19:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 22:10:56 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	307842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	551343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	498195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	236516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	180579	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
35) Dibromofluoromethane	7.73	113	167649	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.18	98	693884	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.48	95	243576	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	163553	49.355	ug/l	95
3) Chloromethane	2.12	50	210984	51.650	ug/l	97
4) Vinyl Chloride	2.25	62	208140	51.701	ug/l	98
5) Bromomethane	2.65	94	129220	53.831	ug/l	100
6) Chloroethane	2.79	64	130010	52.672	ug/l	97
7) Trichlorofluoromethane	3.13	101	278166	50.418	ug/l	95
8) Diethyl Ether	3.54	74	112266	54.064	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	173368	50.884	ug/l	99
10) Methyl Iodide	4.09	142	222936	51.970	ug/l	100
11) Tert butyl alcohol	4.97	59	91848	279.092	ug/l	99
12) 1,1-Dichloroethene	3.88	96	178473	52.876	ug/l	96
13) Acrolein	3.74	56	68677	211.847	ug/l	99
14) Allyl chloride	4.49	41	313737	54.209	ug/l	99
15) Acrylonitrile	5.18	53	298359	278.249	ug/l	99
16) Acetone	3.96	43	207828	276.963	ug/l	95
17) Carbon Disulfide	4.20	76	558995	51.206	ug/l	99
18) Methyl Acetate	4.48	43	169773	54.109	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	505959	56.129	ug/l	98
20) Methylene Chloride	4.72	84	200240	50.624	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	197939	51.594	ug/l	95
22) Diisopropyl ether	6.13	45	667719	56.134	ug/l	97
23) Vinyl Acetate	6.07	43	2074285	286.841	ug/l	100
24) 1,1-Dichloroethane	6.03	63	351638	53.635	ug/l	97
25) 2-Butanone	7.00	43	394168	284.361	ug/l	100
26) 2,2-Dichloropropane	6.99	77	281913	51.090	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	221580	53.431	ug/l	98
28) Bromochloromethane	7.35	49	143367	59.253	ug/l	95
29) Tetrahydrofuran	7.36	42	266321	289.939	ug/l	98
30) Chloroform	7.52	83	344574	52.391	ug/l	97
31) Cyclohexane	7.79	56	348450	50.171	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	286950	52.837	ug/l	100
36) 1,1-Dichloropropene	7.92	75	274751	50.119	ug/l	99
37) Ethyl Acetate	7.08	43	173898	54.938	ug/l	98
38) Carbon Tetrachloride	7.91	117	250139	51.236	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	360975	49.700	ug/l	99
40) Benzene	8.17	78	827192	51.803	ug/l	99
41) Methacrylonitrile	7.35	41	232285	139.232	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	224775	53.525	ug/l	100
43) Isopropyl Acetate	8.28	43	325070	54.495	ug/l	99
44) Trichloroethene	8.94	130	212747	51.842	ug/l	98
45) 1,2-Dichloropropane	9.22	63	210859	52.571	ug/l	96
46) Dibromomethane	9.31	93	110860	52.899	ug/l	96
47) Bromodichloromethane	9.50	83	261052	53.026	ug/l #	98
48) Methyl methacrylate	9.30	41	143490	54.703	ug/l	97
49) 1,4-Dioxane	9.30	88	31196	1050.580	ug/l #	90
51) 4-Methyl-2-Pentanone	10.07	43	868584	281.822	ug/l	98
52) Toluene	10.24	92	508891	51.472	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	288797	54.601	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	333942	53.415	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	165961	53.601	ug/l	94
56) Ethyl methacrylate	10.51	69	251340	56.745	ug/l	96
57) 1,3-Dichloropropane	10.79	76	294858	54.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	456614	255.673	ug/l	98
59) 2-Hexanone	10.83	43	621196	276.603	ug/l	98
60) Dibromochloromethane	10.99	129	182170	54.655	ug/l	99
61) 1,2-Dibromoethane	11.09	107	159391	54.623	ug/l	100
64) Tetrachloroethene	10.72	164	220656	50.978	ug/l	98
65) Chlorobenzene	11.52	112	538848	52.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	185559	53.170	ug/l	99
67) Ethyl Benzene	11.59	91	999793	51.839	ug/l	99
68) m/p-Xylenes	11.70	106	756859	104.553	ug/l	99
69) o-Xylene	12.03	106	352900	52.284	ug/l	100
70) Styrene	12.04	104	621147	53.745	ug/l	100
71) Bromoform	12.20	173	107656	54.695	ug/l #	100
73) Isopropylbenzene	12.33	105	955508	50.739	ug/l	99
74) N-amyl acetate	12.14	43	286276	54.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	197493	53.224	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	274488	102.432	ug/l #	100
77) Bromobenzene	12.61	156	209795	51.394	ug/l	99
78) n-propylbenzene	12.67	91	1172421	50.988	ug/l	100
79) 2-Chlorotoluene	12.75	91	639223	50.320	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	798423	51.206	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	73348	53.766	ug/l	98
82) 4-Chlorotoluene	12.85	91	668684	51.093	ug/l	100
83) tert-Butylbenzene	13.07	119	674879	51.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	803546	51.510	ug/l	100
85) sec-Butylbenzene	13.25	105	978910	51.345	ug/l	99
86) p-Isopropyltoluene	13.37	119	850353	51.280	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	407408	50.876	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	411914	51.950	ug/l	100
89) n-Butylbenzene	13.69	91	857374	51.138	ug/l	99
90) Hexachloroethane	13.96	117	162025	53.041	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	380390	52.810	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33686	54.226	ug/l	99

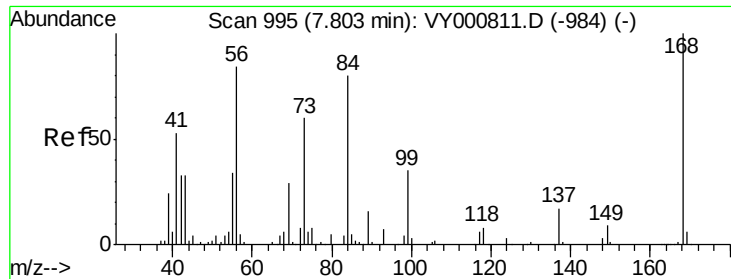
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	255462	52.412	ug/l	99
94) Hexachlorobutadiene	15.11	225	123822	51.239	ug/l	99
95) Naphthalene	15.23	128	614923	54.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	231607	53.198	ug/l	99

(#) = 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: VY000830.D

Acq: 27 Nov 2019 19:21

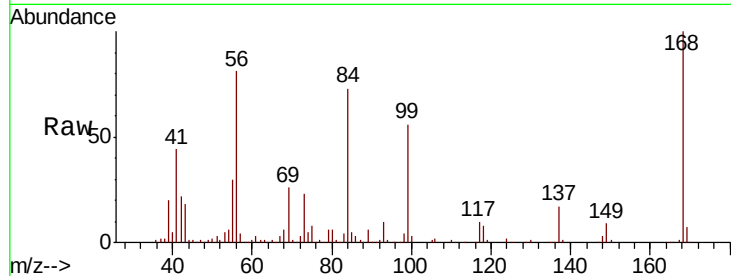
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 307842

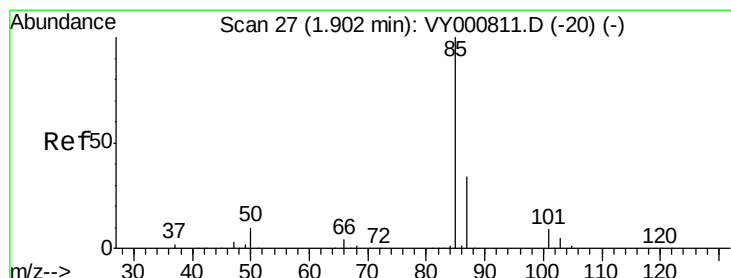
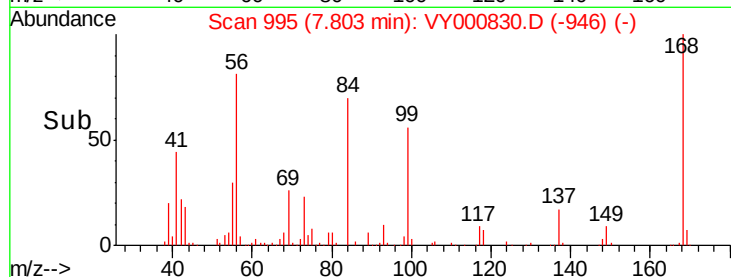
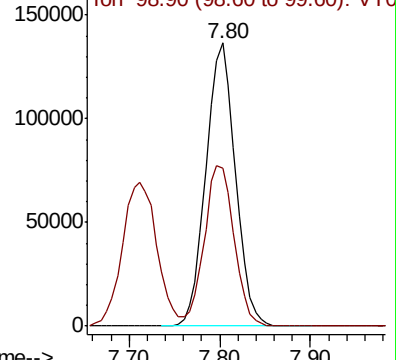
Ion Ratio Lower Upper

168 100

99 55.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: 49.355 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000830.D

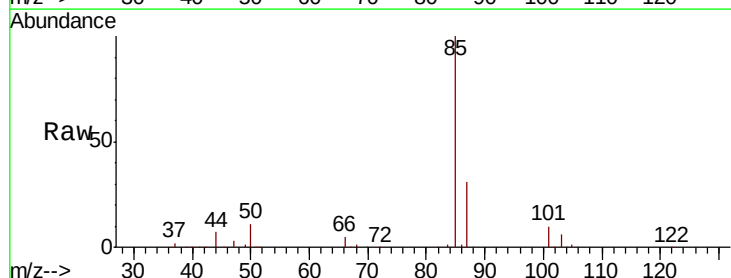
Acq: 27 Nov 2019 19:21

Tgt Ion: 85 Resp: 163553

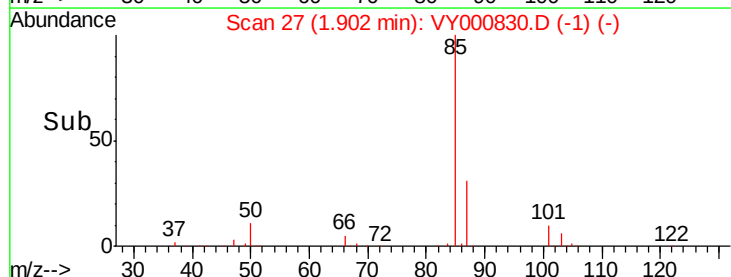
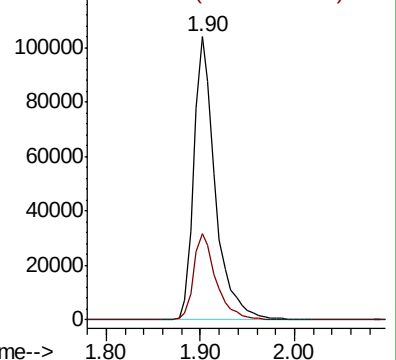
Ion Ratio Lower Upper

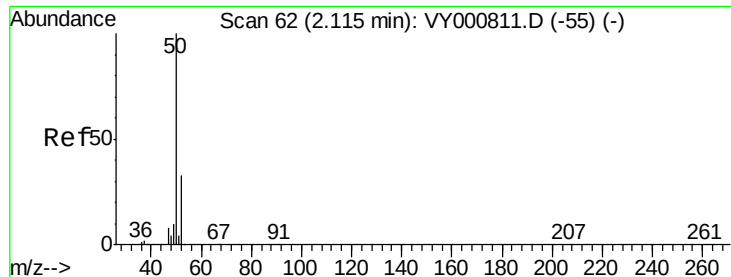
85 100

87 30.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)





#3

Chloromethane

Concen: 51.650 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

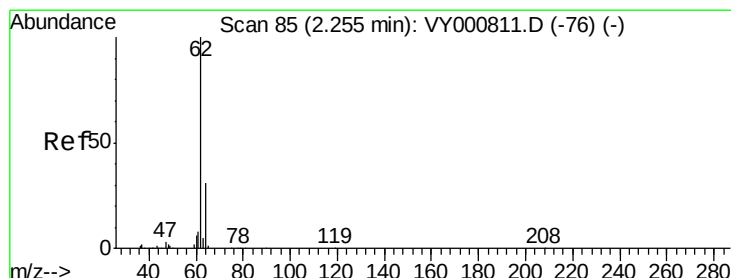
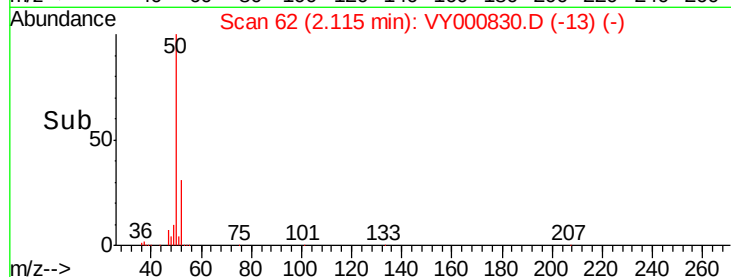
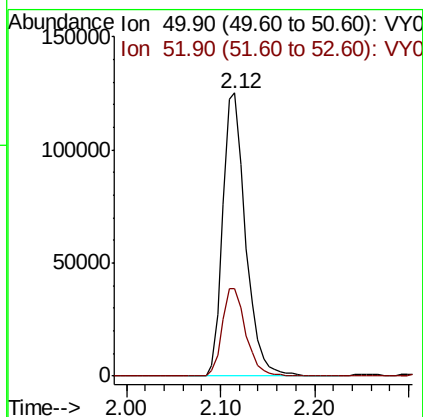
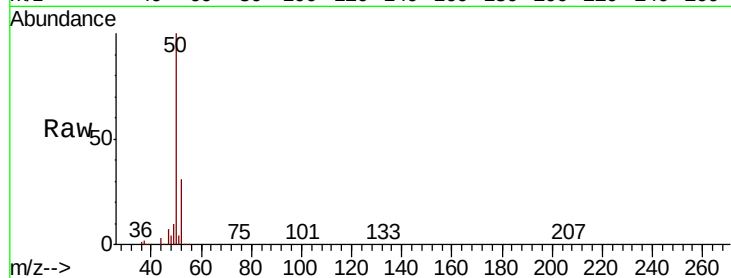
ClientSampleId :

Tot Ion: 50 Resp: 210984

Ion Ratio Lower Upper

50 100

52 30.7 26.0 39.0



#4

Vinyl Chloride

Concen: 51.701 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000830.D

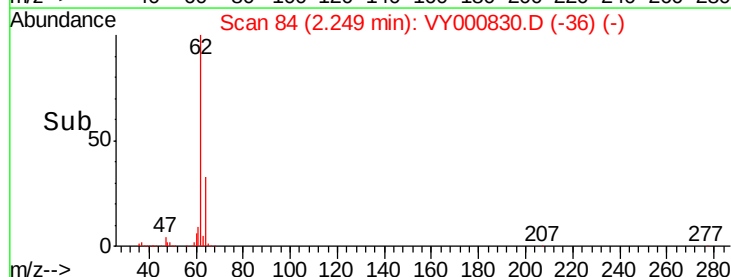
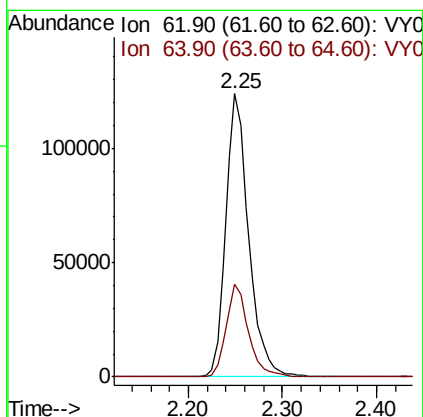
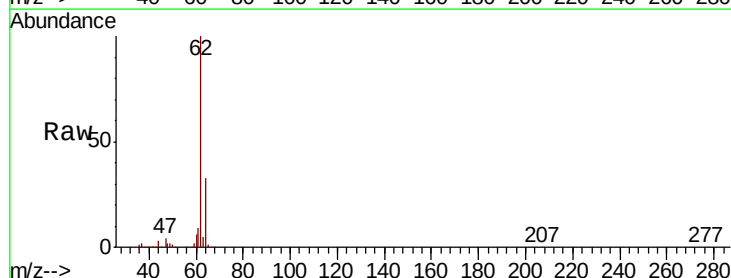
Acq: 27 Nov 2019 19:21

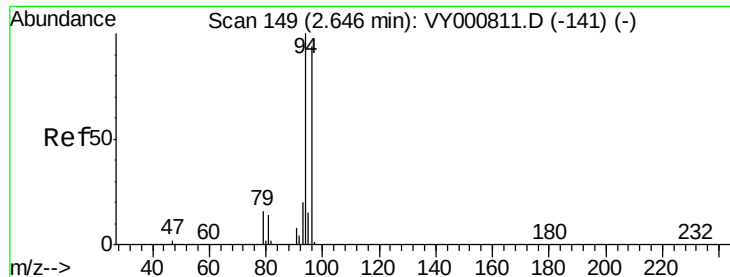
Tgt Ion: 62 Resp: 208140

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 53.831 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

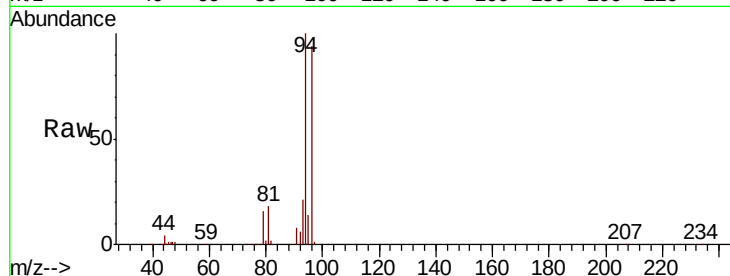
ClientSampleId :

Tot Ion: 94 Resp: 129220

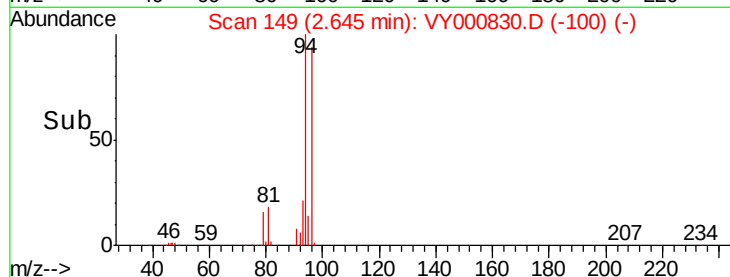
Ion Ratio Lower Upper

94 100

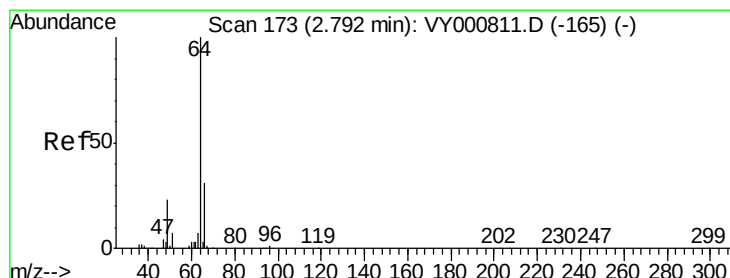
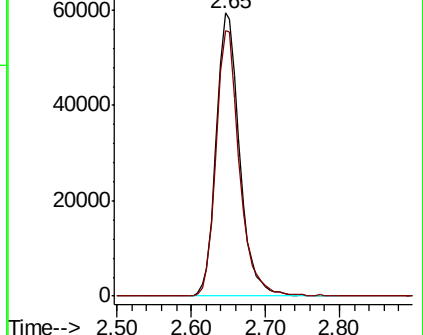
96 93.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY000830.D (-100) (-)



Ion 95.90 (95.60 to 96.60): VY000830.D (-100) (-)



#6

Chloroethane

Concen: 52.672 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000830.D

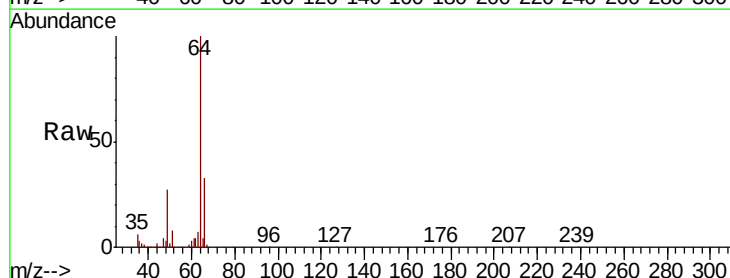
Acq: 27 Nov 2019 19:21

Tgt Ion: 64 Resp: 130010

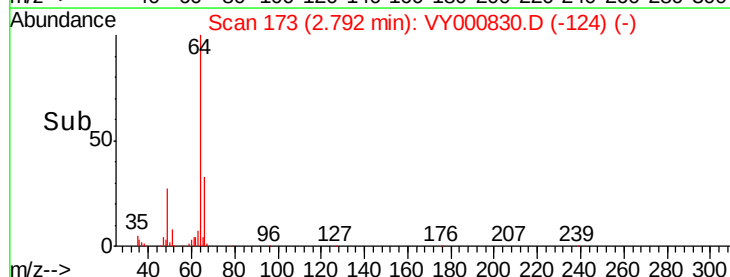
Ion Ratio Lower Upper

64 100

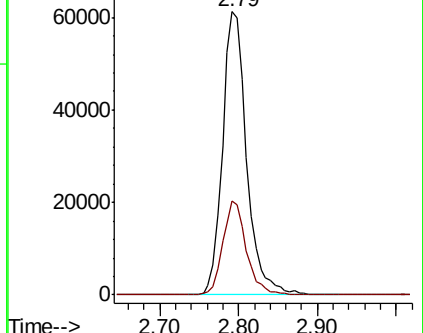
66 33.1 25.0 37.4

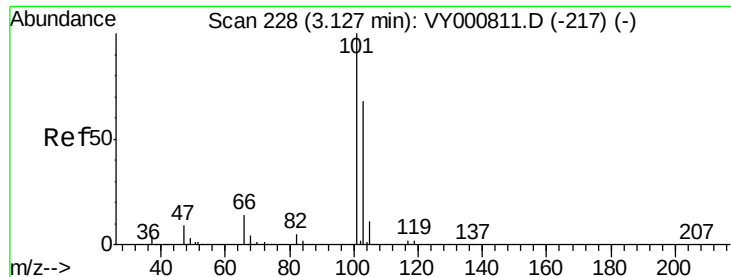


Abundance Ion 63.90 (63.60 to 64.60): VY000830.D (-124) (-)



Ion 65.90 (65.60 to 66.60): VY000830.D (-124) (-)



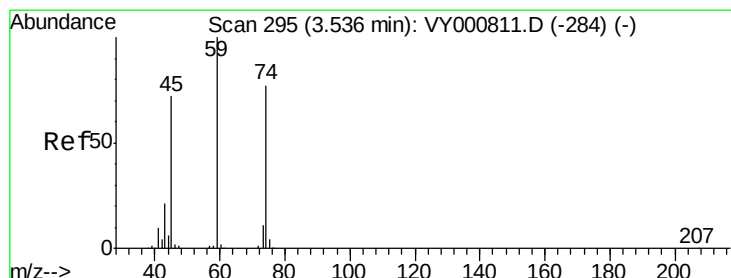
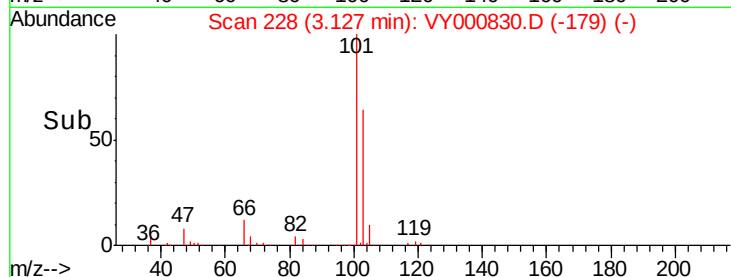
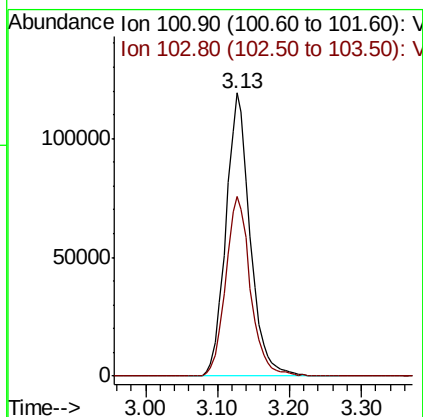
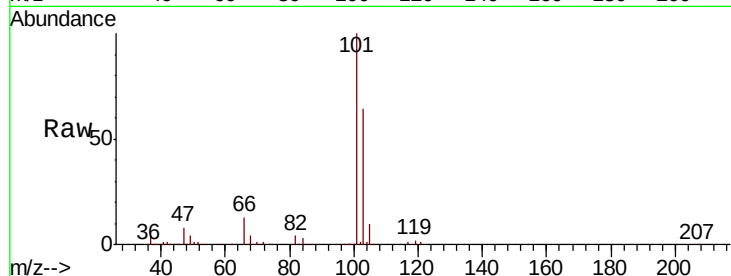


#7

Trichlorofluoromethane
 Concen: 50.418 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Instrument :
 MSVOA_Y
 ClientSampleId :

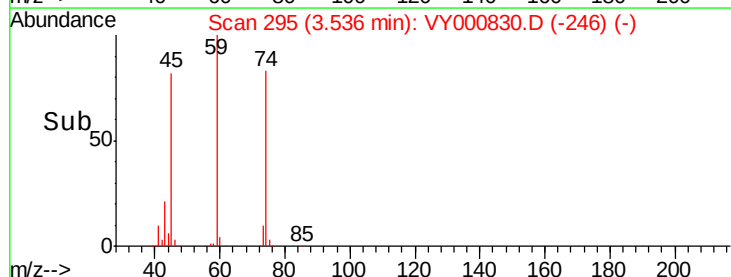
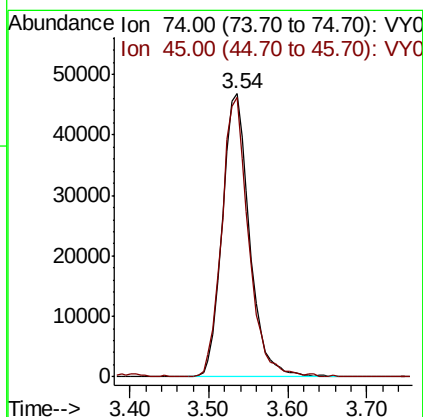
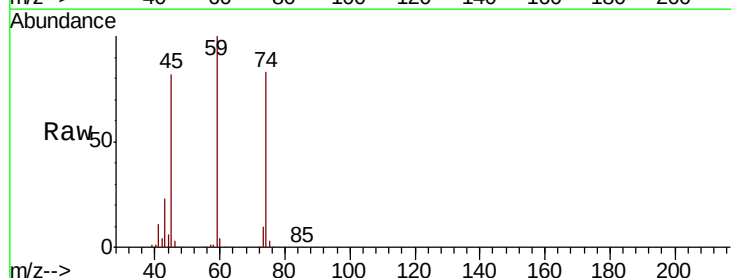
Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	54.2	81.2

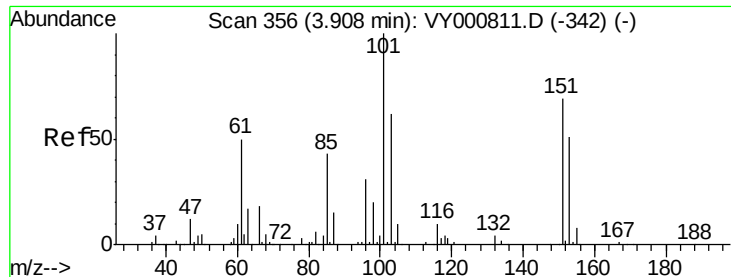


#8

Diethyl Ether
 Concen: 54.064 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.884 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

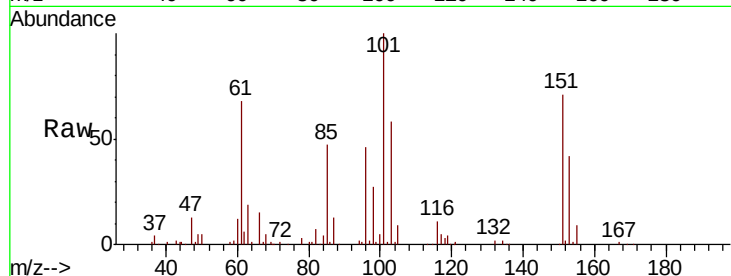
Tot Ion:101 Resp: 173368

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

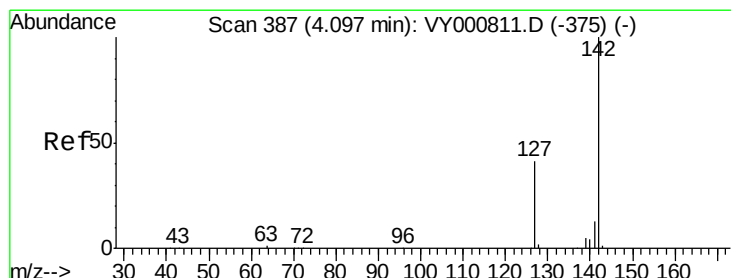
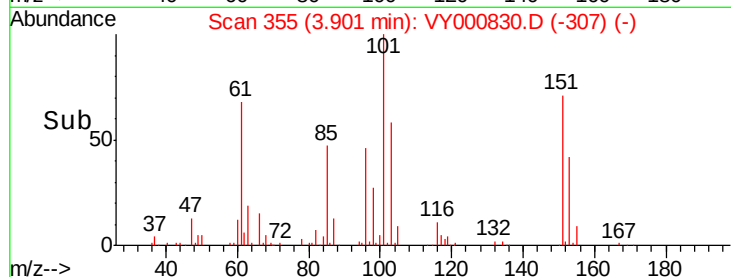
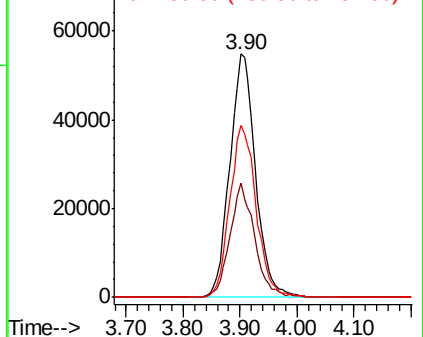
151 72.1 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.970 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

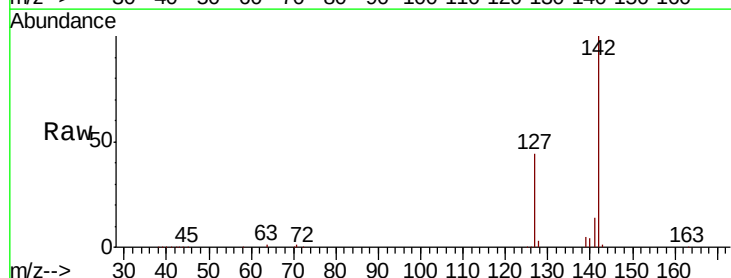
Tgt Ion:142 Resp: 222936

Ion Ratio Lower Upper

142 100

127 42.6 33.8 50.8

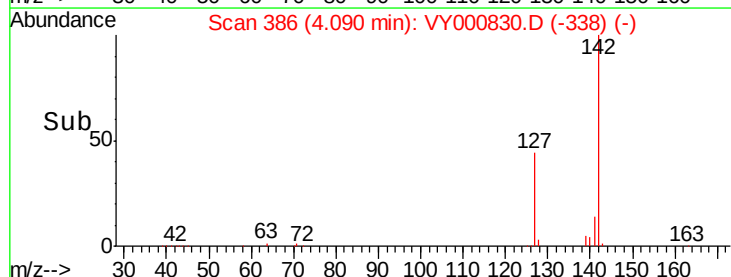
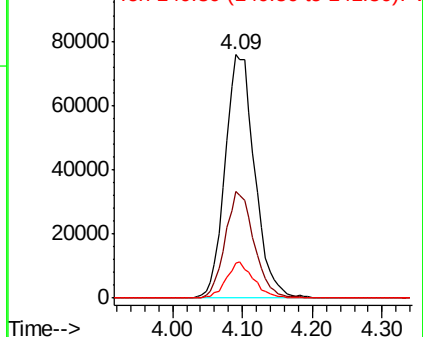
141 13.6 10.9 16.3

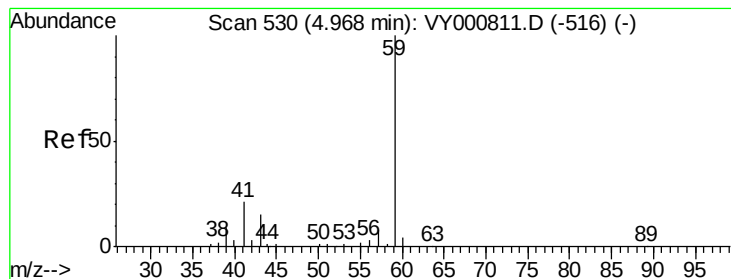


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



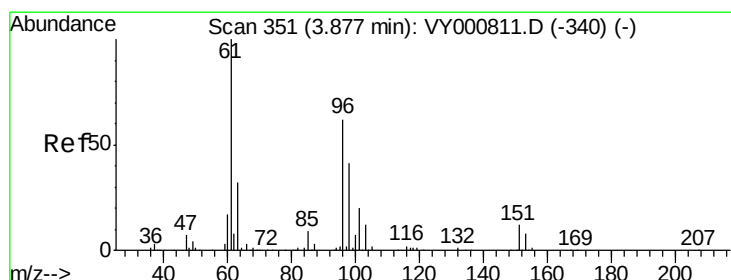
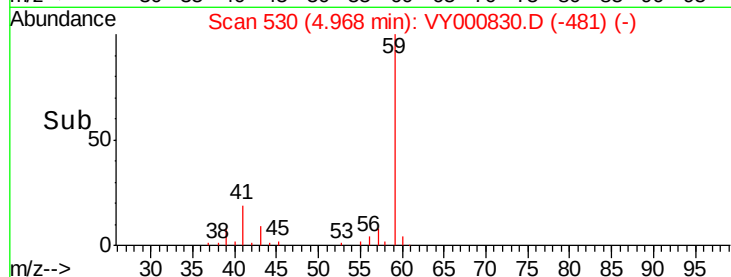
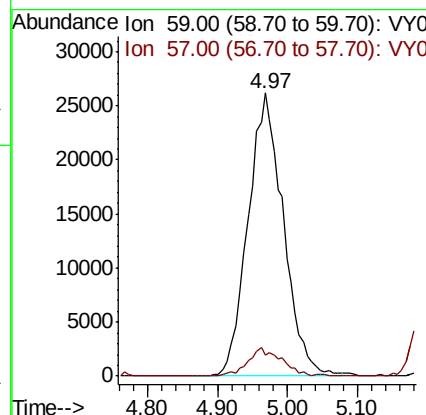
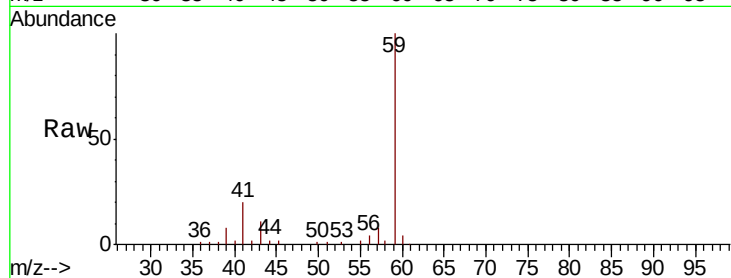


#11

Tert butyl alcohol
 Concen: 279.092 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Instrument :
 MSVOA_Y
 ClientSampled :

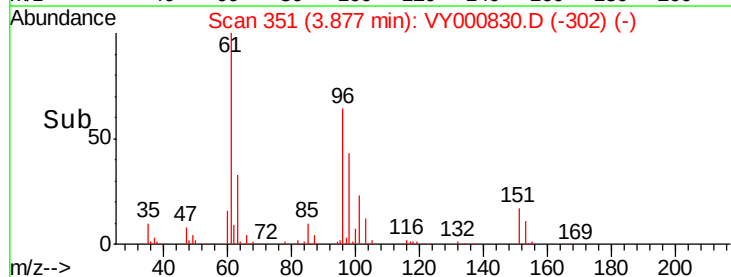
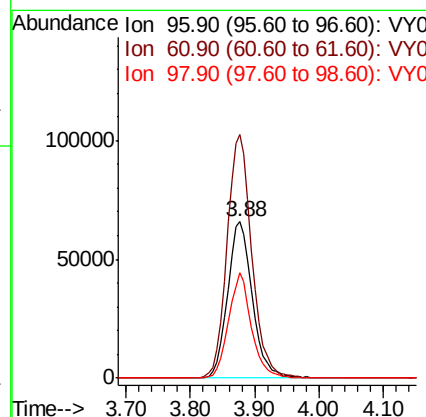
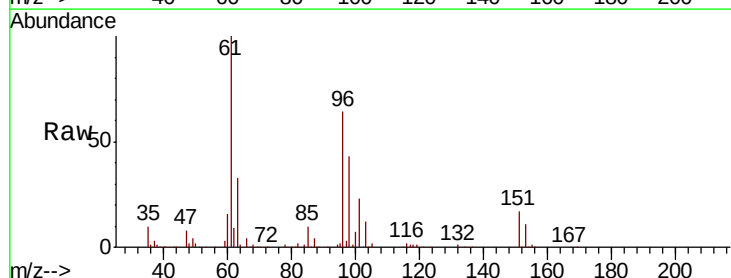
Tot Ion: 59 Resp: 91848
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.8 11.6

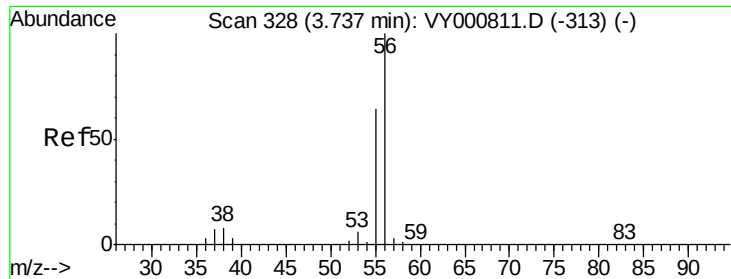


#12

1,1-Dichloroethene
 Concen: 52.876 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion: 96 Resp: 178473
 Ion Ratio Lower Upper
 96 100
 61 155.6 129.4 194.2
 98 67.3 53.4 80.0

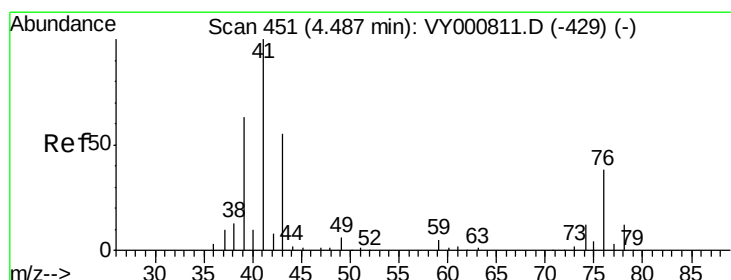
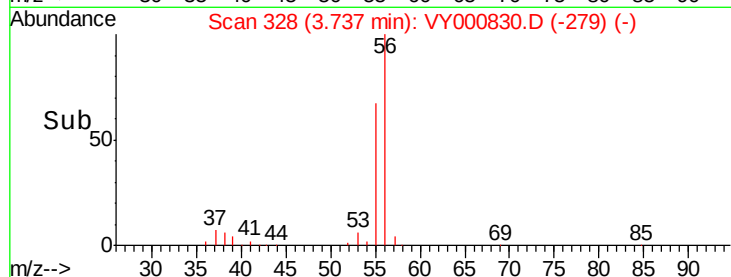
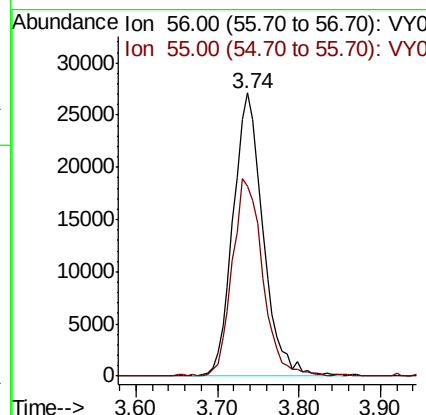
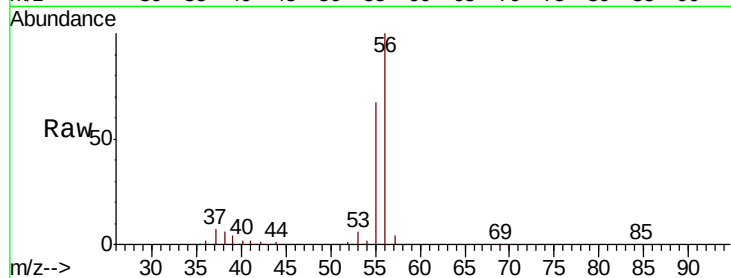




#13
Acrolein
Concen: 211.847 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

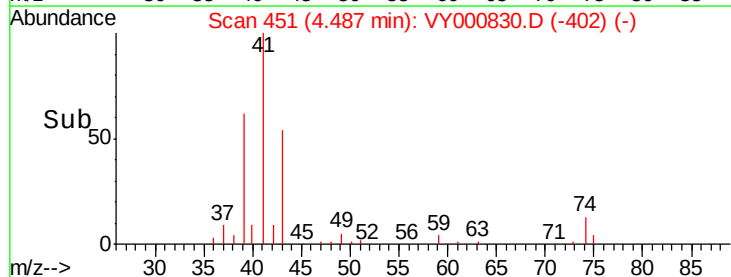
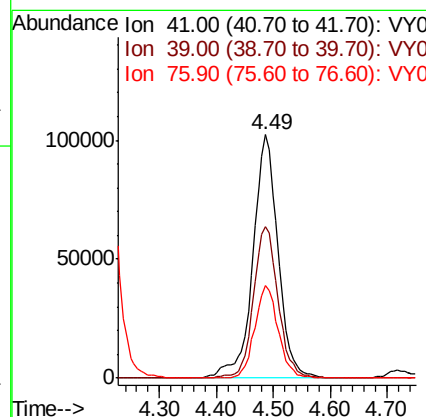
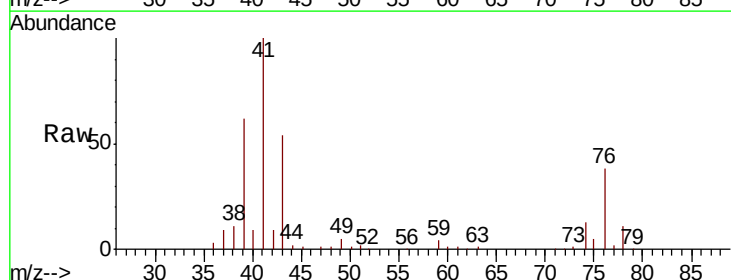
Instrument :
MSVOA_Y
ClientSampleId :

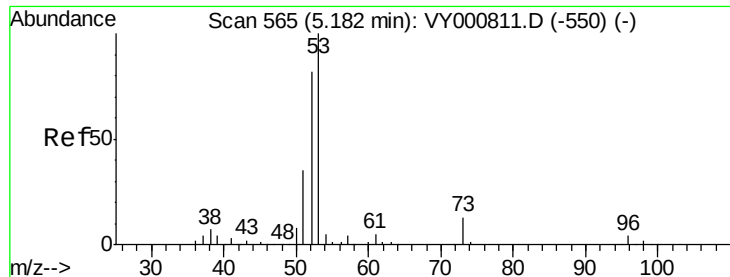
Tot Ion: 56 Resp: 68677
Ion Ratio Lower Upper
56 100
55 70.5 55.7 83.5



#14
Allyl chloride
Concen: 54.209 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 41 Resp: 313737
Ion Ratio Lower Upper
41 100
39 61.1 49.2 73.8
76 35.6 29.2 43.8





#15

Acrylonitrile

Concen: 278.249 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampleId :

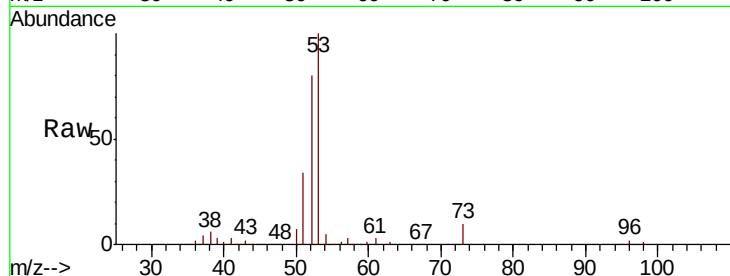
Tot Ion: 53 Resp: 298359

Ion Ratio Lower Upper

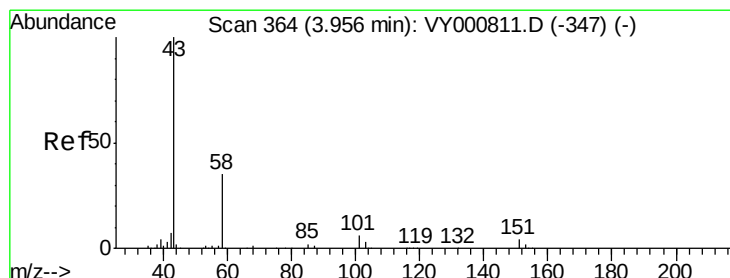
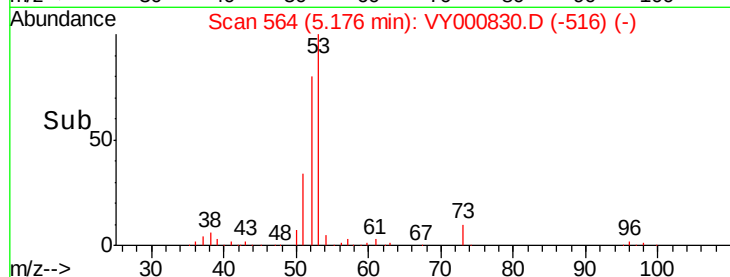
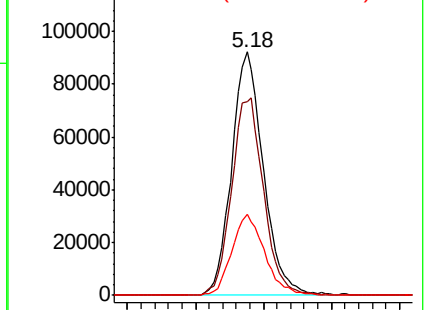
53 100

52 81.9 65.1 97.7

51 34.5 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: 276.963 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000830.D

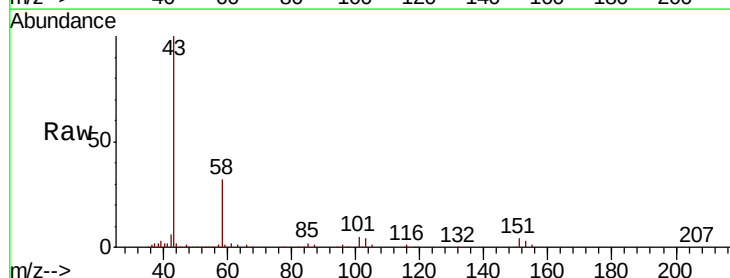
Acq: 27 Nov 2019 19:21

Tgt Ion: 43 Resp: 207828

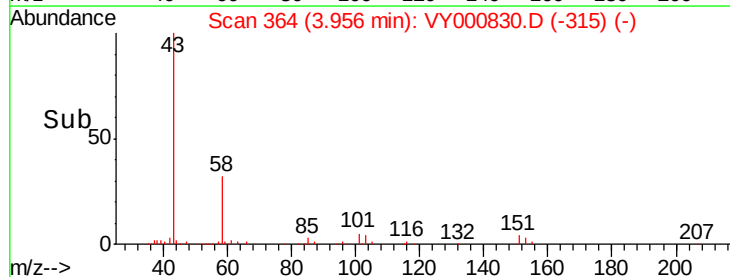
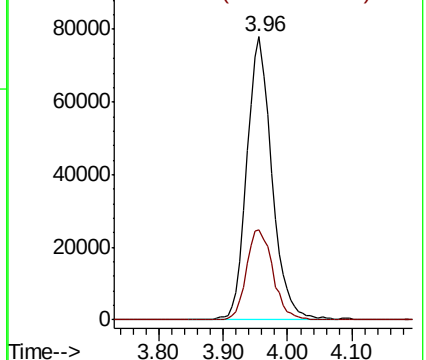
Ion Ratio Lower Upper

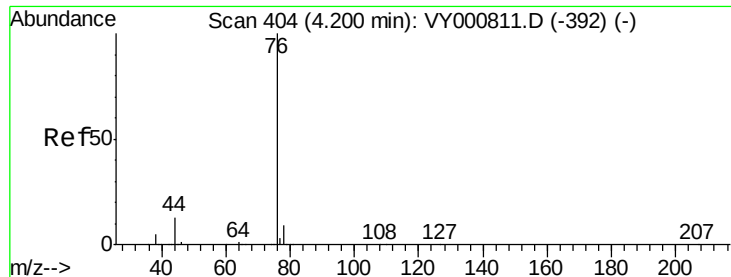
43 100

58 32.0 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: 51.206 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

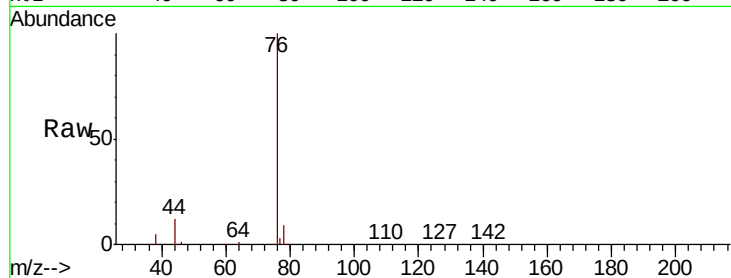
ClientSampleId :

Tot Ion: 76 Resp: 558995

Ion Ratio Lower Upper

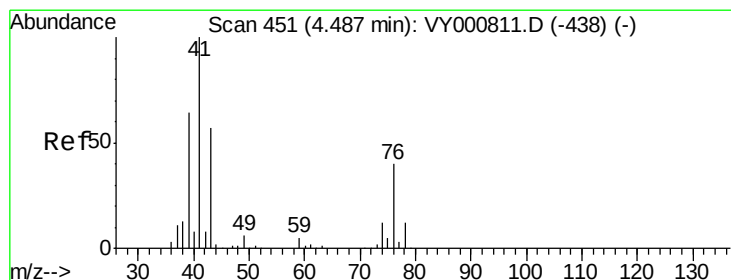
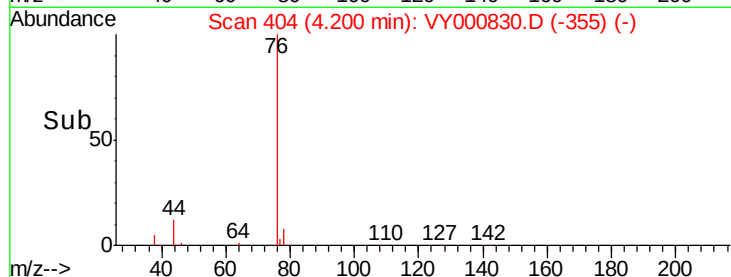
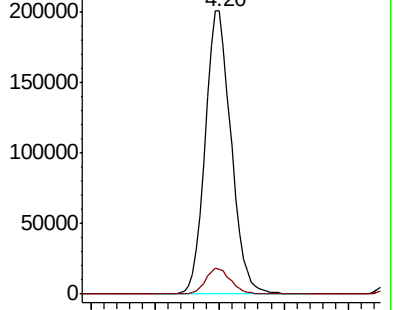
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 54.109 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000830.D

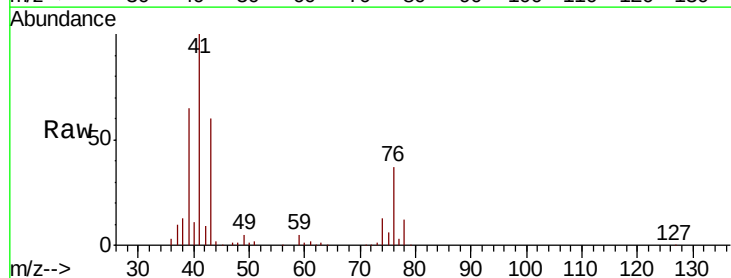
Acq: 27 Nov 2019 19:21

Tgt Ion: 43 Resp: 169773

Ion Ratio Lower Upper

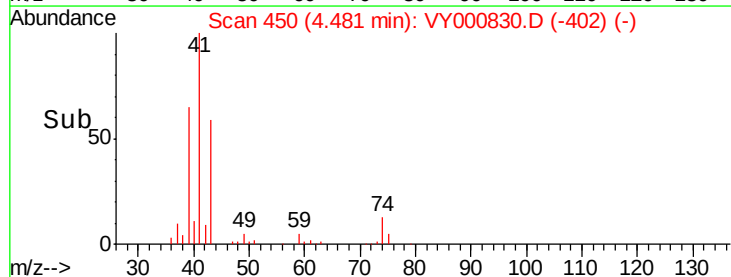
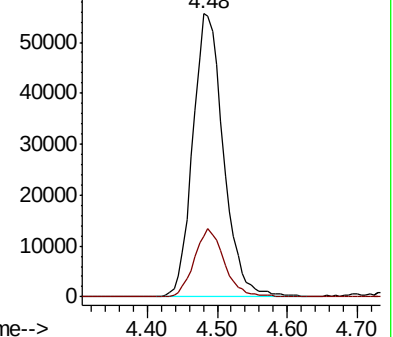
43 100

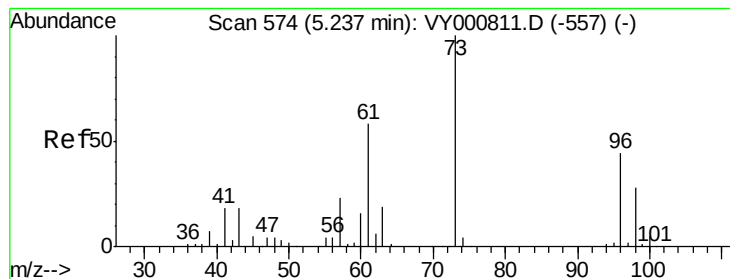
74 23.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



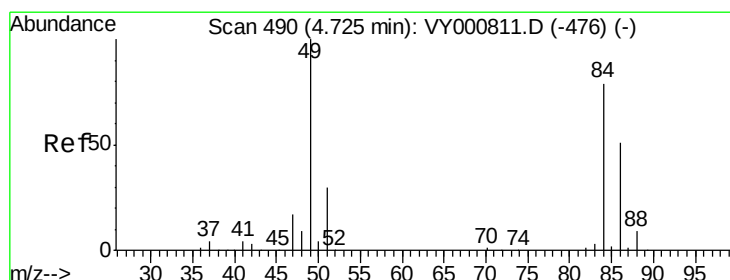
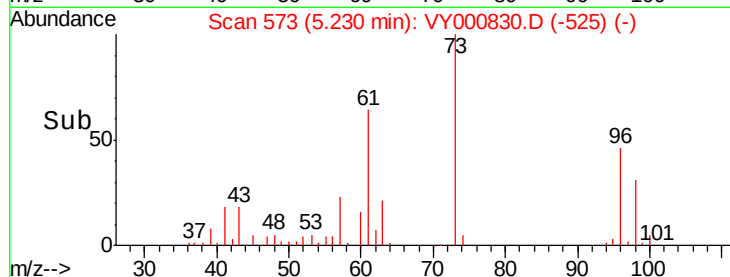
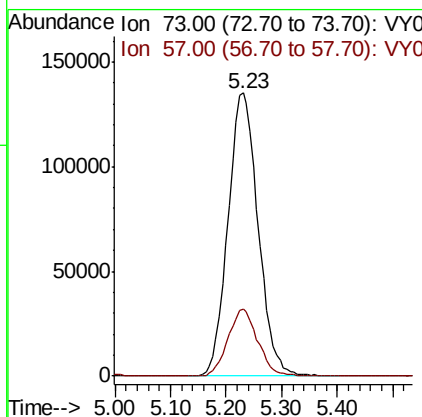
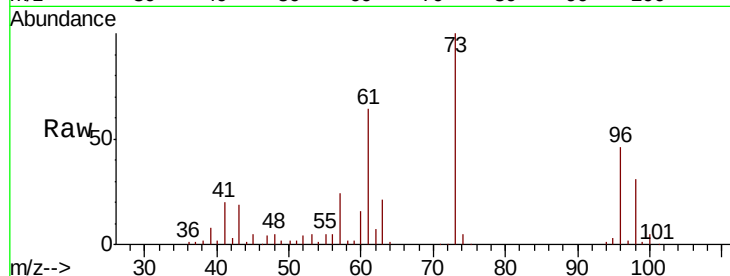


#19

Methyl tert-butyl Ether
 Concen: 56.129 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Instrument :
 MSVOA_Y
 ClientSampled :

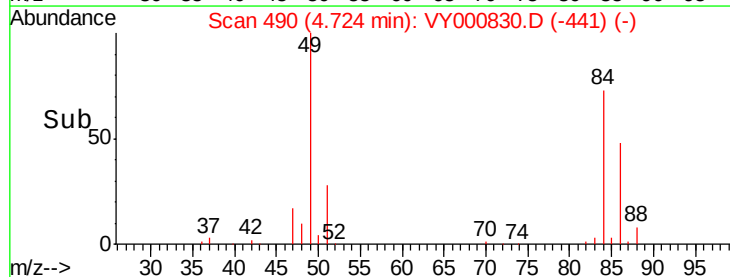
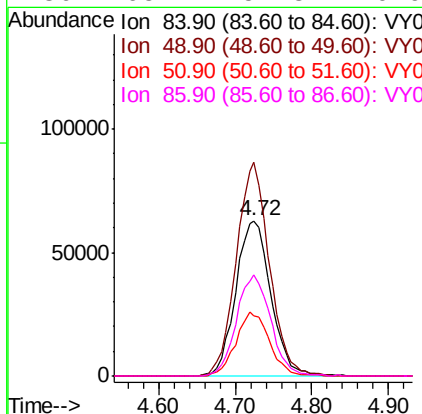
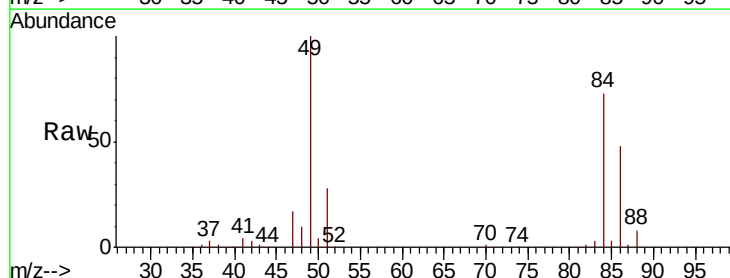
Tot Ion: 73 Resp: 505959
 Ion Ratio Lower Upper
 73 100
 57 23.8 18.2 27.4

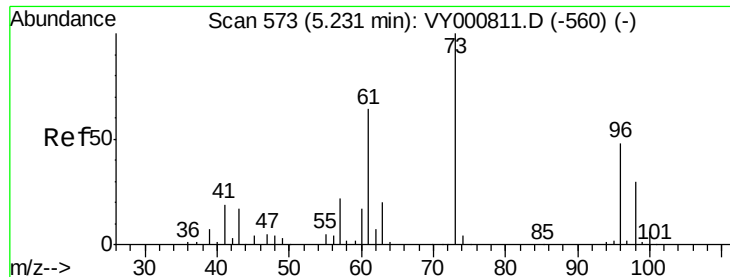


#20

Methylene Chloride
 Concen: 50.624 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion: 84 Resp: 200240
 Ion Ratio Lower Upper
 84 100
 49 137.5 101.3 151.9
 51 39.1 30.6 45.8
 86 65.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.594 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampled :

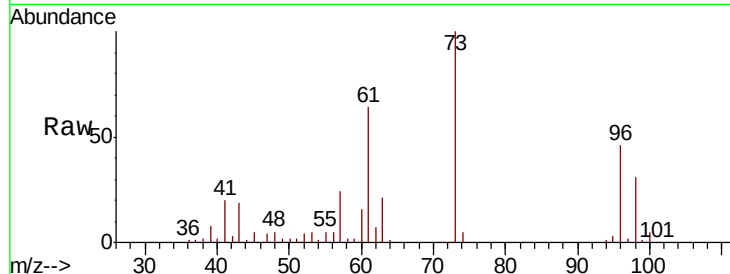
Tot Ion: 96 Resp: 197939

Ion Ratio Lower Upper

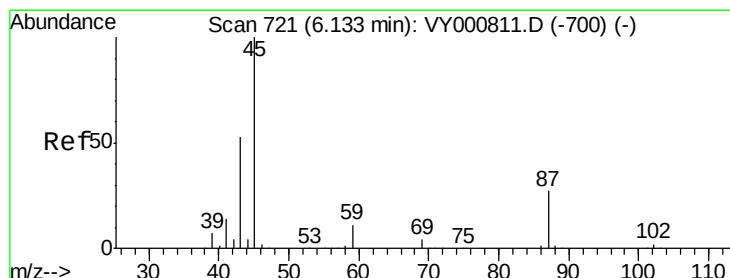
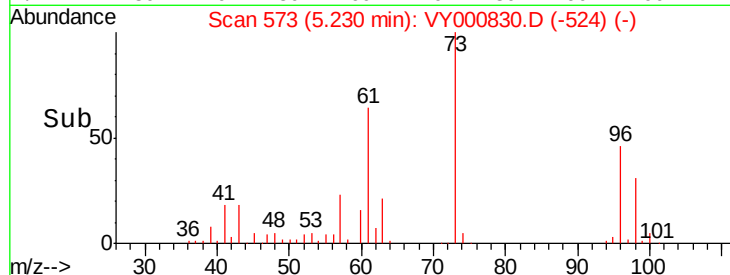
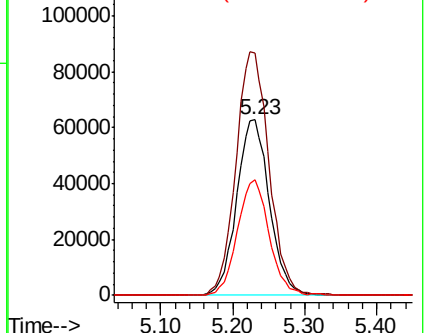
96 100

61 138.5 105.9 158.9

98 66.1 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: 56.134 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Tgt Ion: 45 Resp: 667719

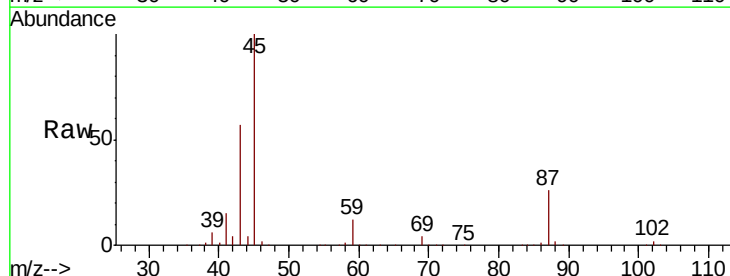
Ion Ratio Lower Upper

45 100

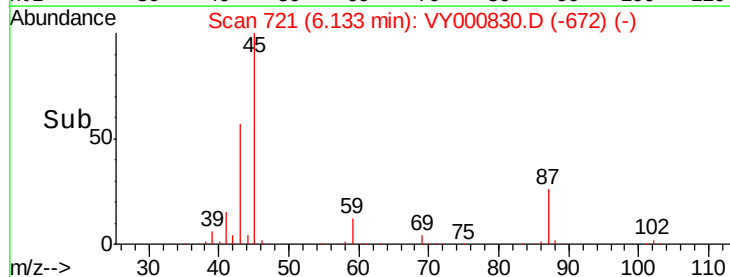
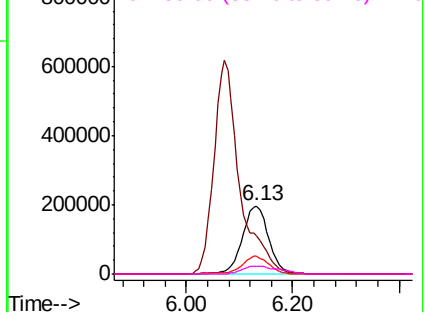
43 56.5 42.7 64.1

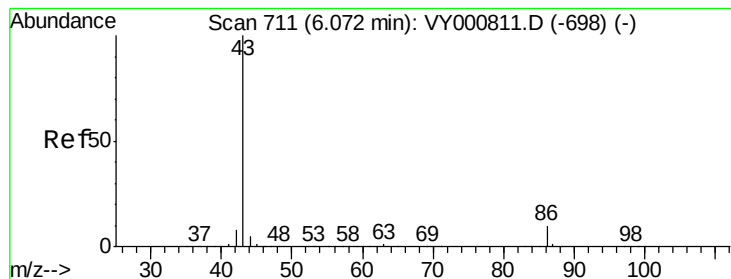
87 26.3 22.0 33.0

59 11.7 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: 286.841 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

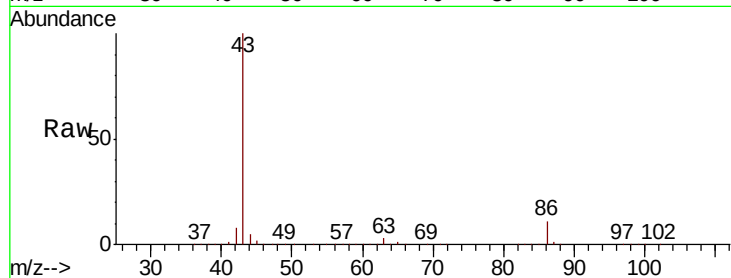
ClientSampleId :

Tot Ion: 43 Resp: 2074285

Ion Ratio Lower Upper

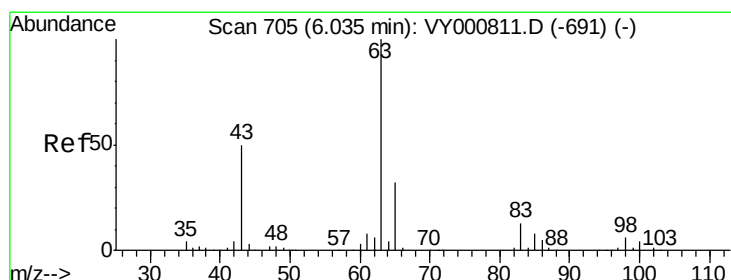
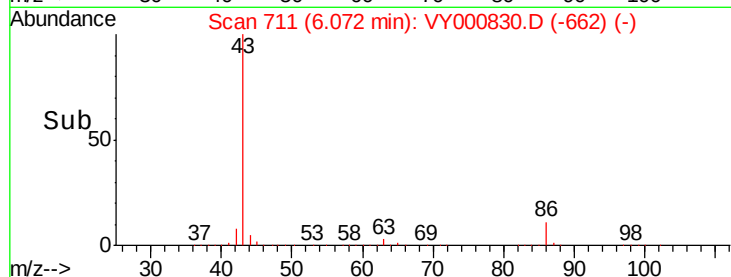
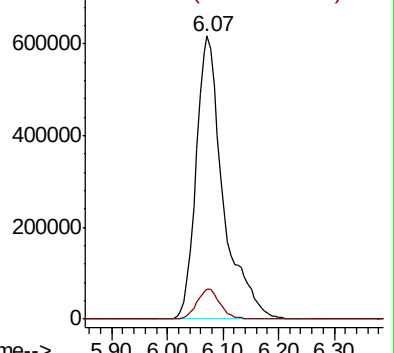
43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 53.635 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

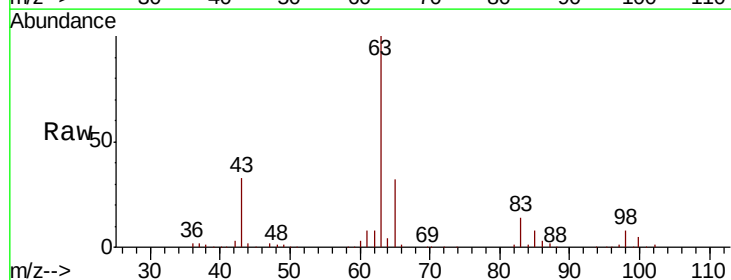
Tgt Ion: 63 Resp: 351638

Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

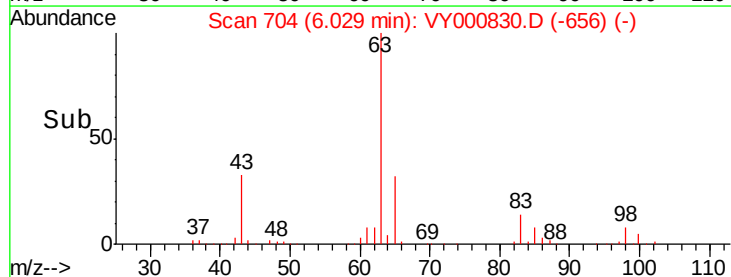
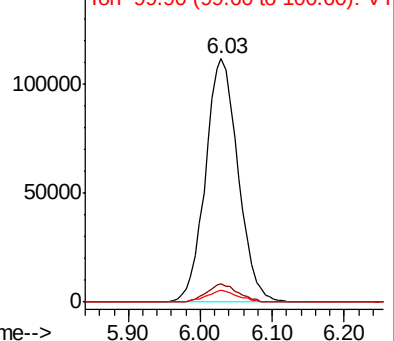
100 4.9 2.2 6.6

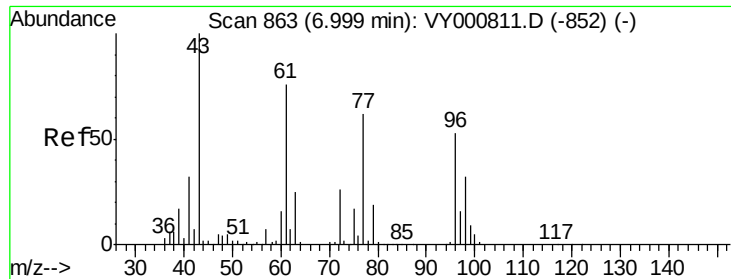


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

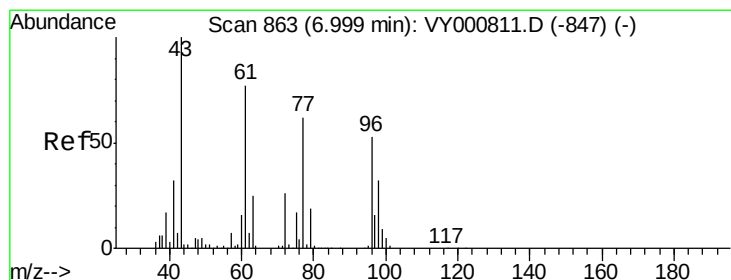
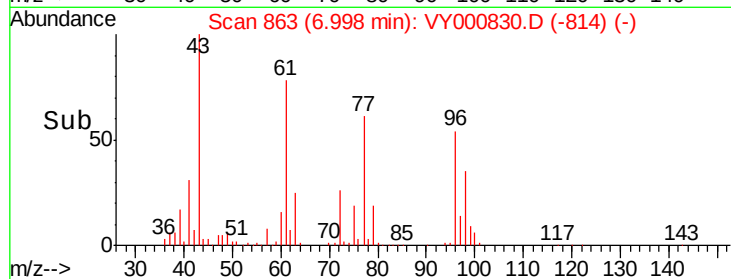
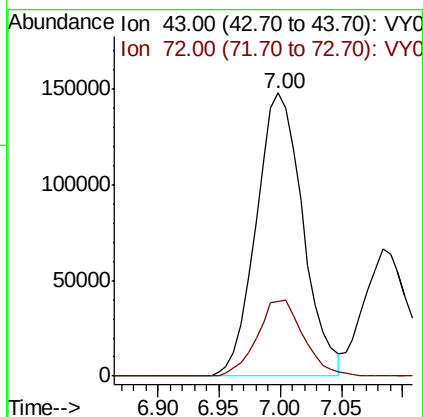
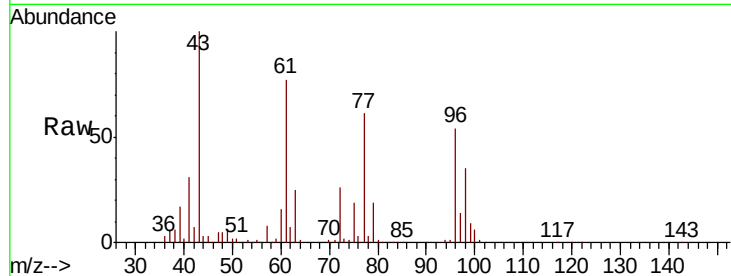




#25
 2-Butanone
 Concen: 284.361 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

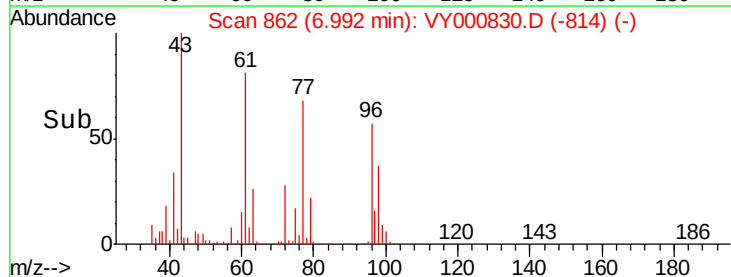
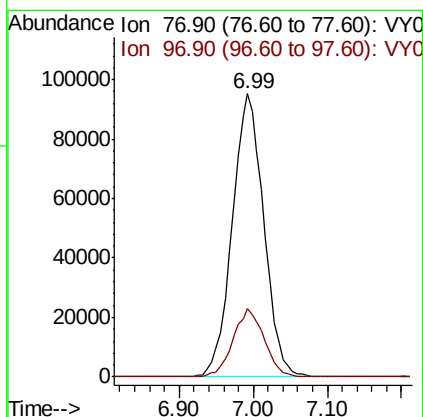
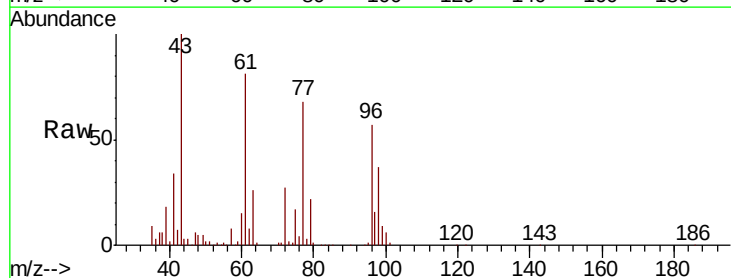
Instrument :
 MSVOA_Y
 ClientSampled :

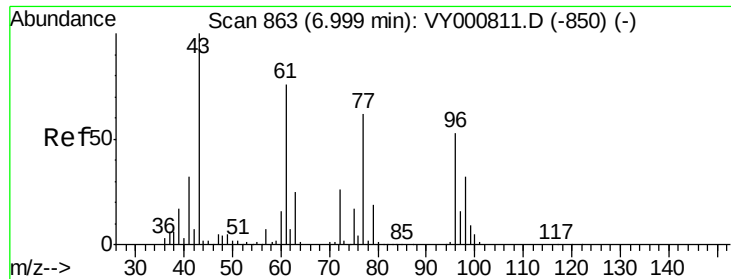
Tot Ion: 43 Resp: 394168
 Ion Ratio Lower Upper
 43 100
 72 26.3 21.0 31.4



#26
 2,2-Dichloropropane
 Concen: 51.090 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion: 77 Resp: 281913
 Ion Ratio Lower Upper
 77 100
 97 23.7 11.9 35.9



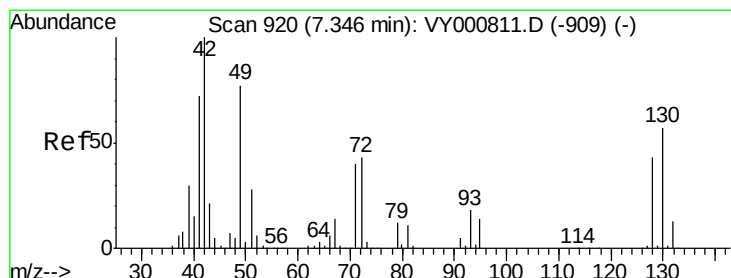
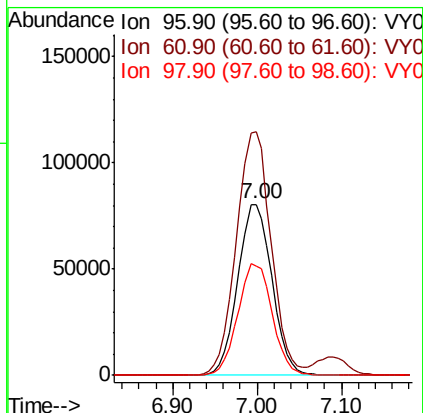
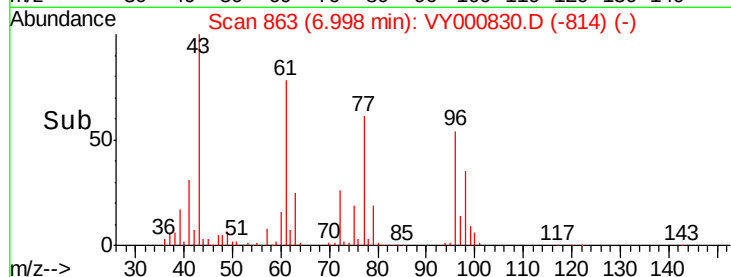
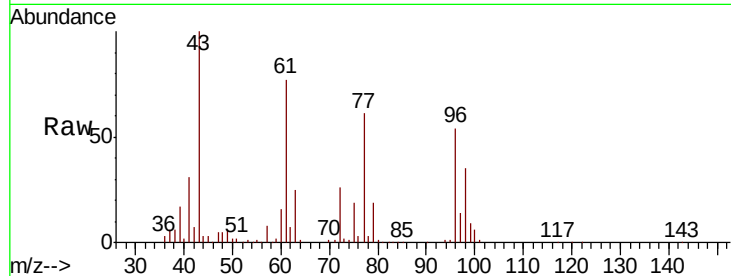


#27

cis-1,2-Dichloroethene
Concen: 53.431 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampled :

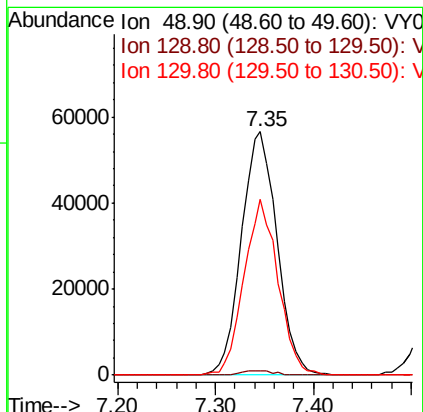
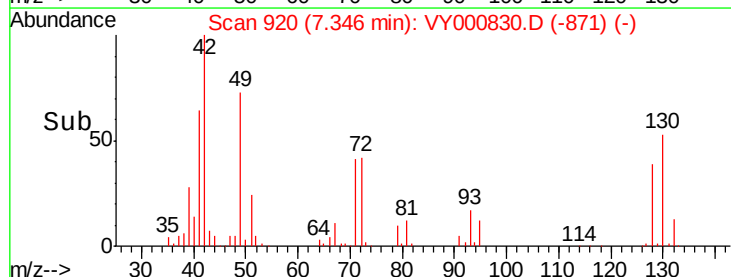
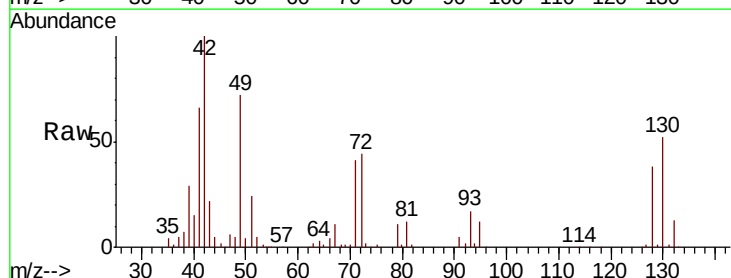
Tot Ion: 96 Resp: 221580
Ion Ratio Lower Upper
96 100
61 144.5 0.0 285.0
98 65.2 0.0 128.0

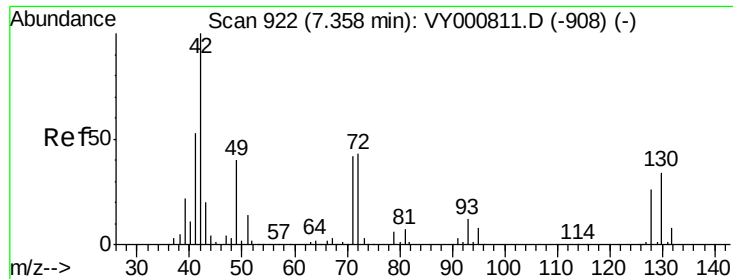


#28

Bromochloromethane
Concen: 59.253 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 49 Resp: 143367
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 69.0 58.7 88.1

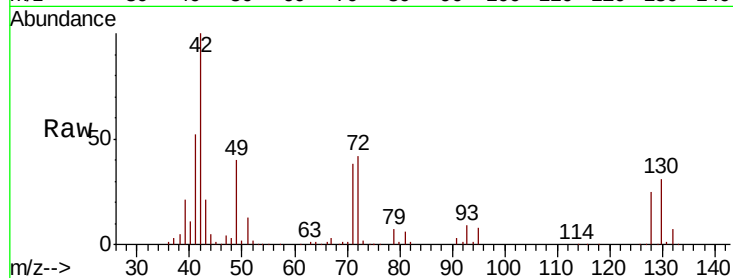




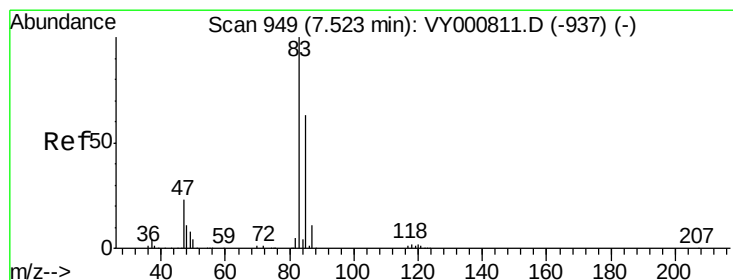
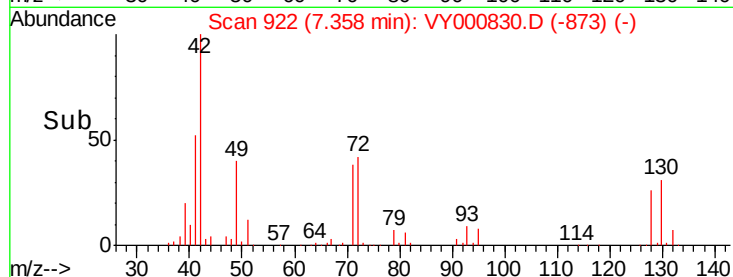
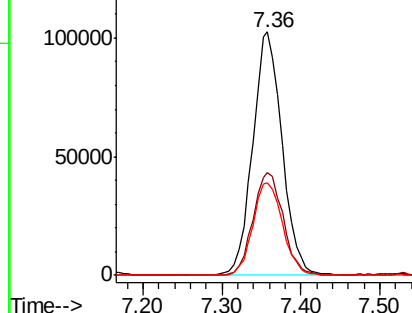
#29
Tetrahydrofuran
Concen: 289.939 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 266321
Ion Ratio Lower Upper
42 100
72 43.2 35.1 52.7
71 38.6 32.8 49.2

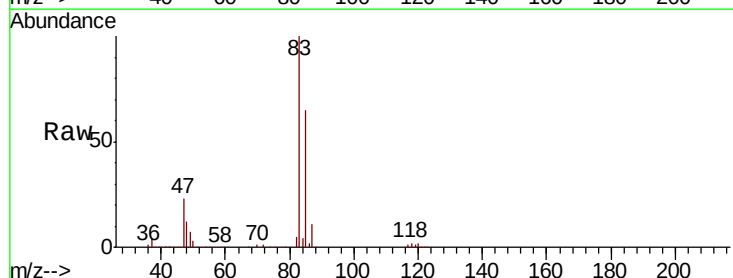


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

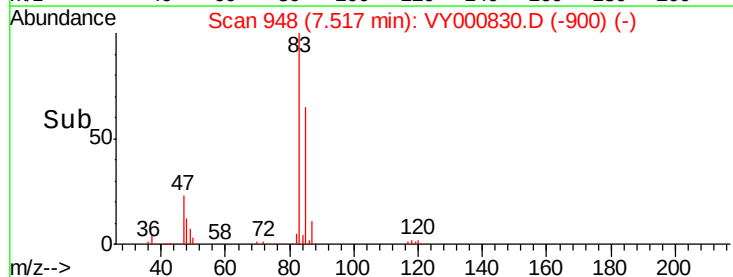
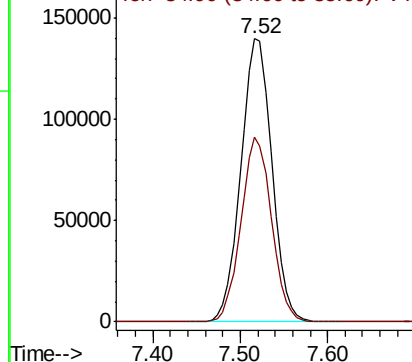


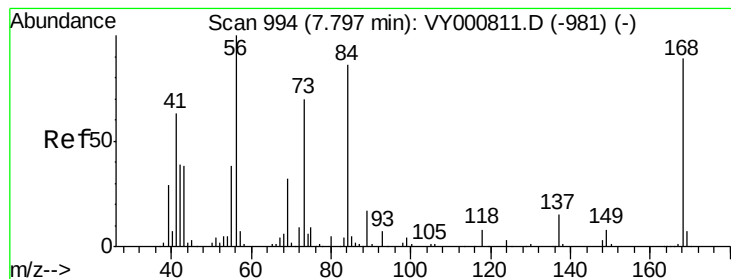
#30
Chloroform
Concen: 52.391 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 83 Resp: 344574
Ion Ratio Lower Upper
83 100
85 65.1 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: 50.171 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampleId :

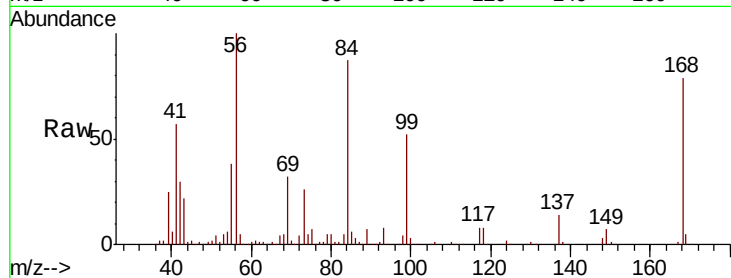
Tot Ion: 56 Resp: 348450

Ion Ratio Lower Upper

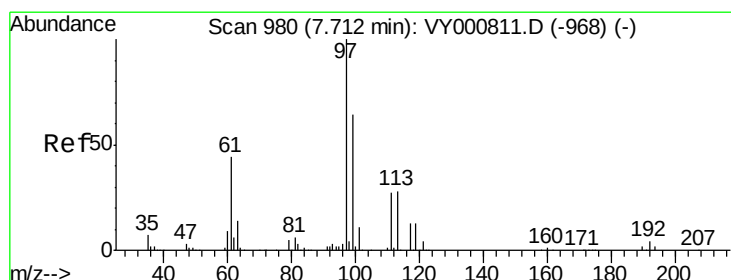
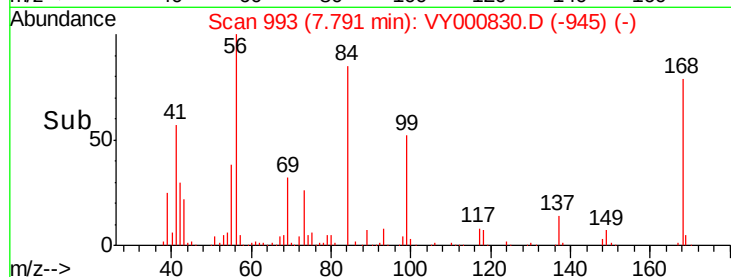
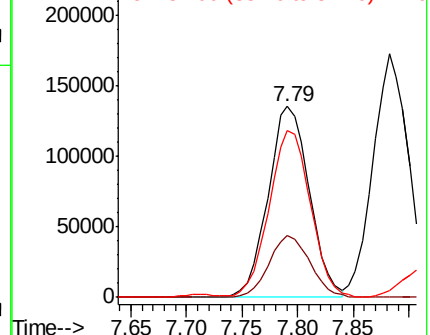
56 100

69 32.2 25.9 38.9

84 85.8 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: 52.837 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

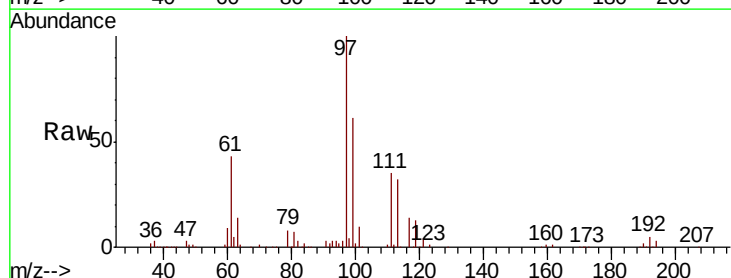
Tgt Ion: 97 Resp: 286950

Ion Ratio Lower Upper

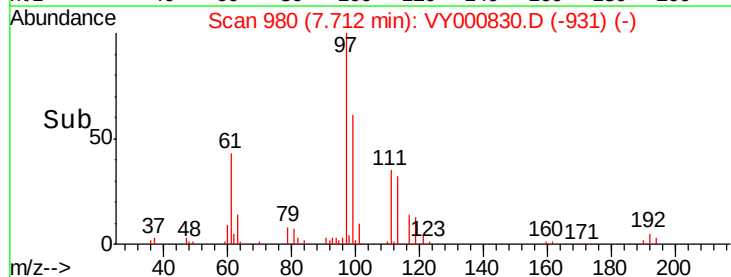
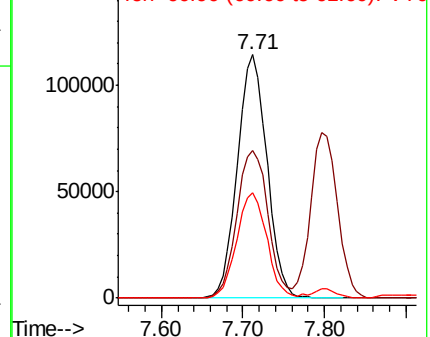
97 100

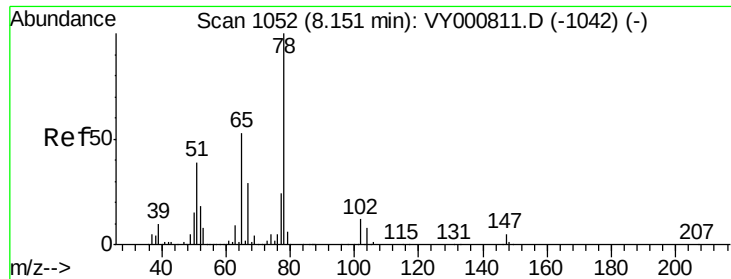
99 64.2 51.7 77.5

61 44.1 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

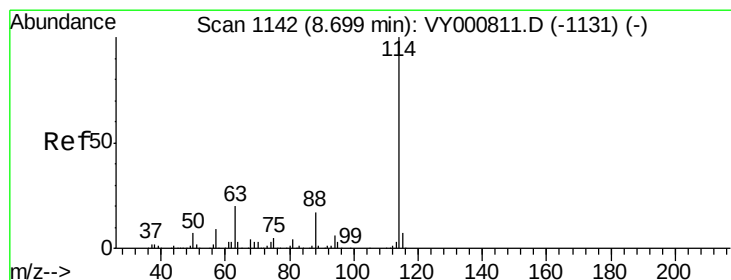
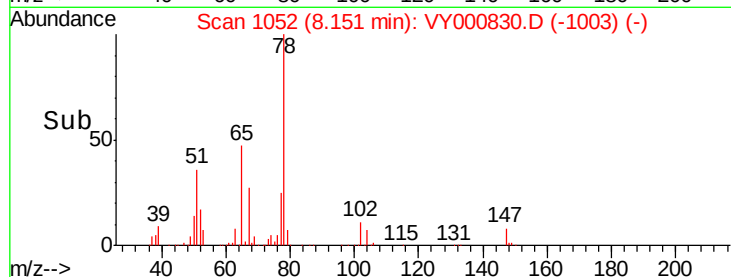
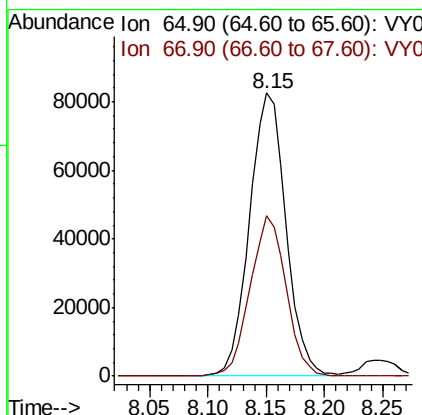
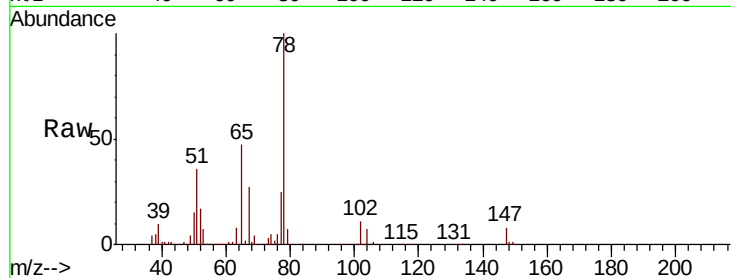




#33
 1,2-Dichloroethane-d4
 Concen: 55.205 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

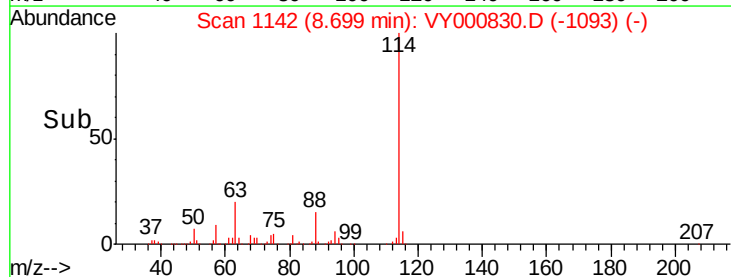
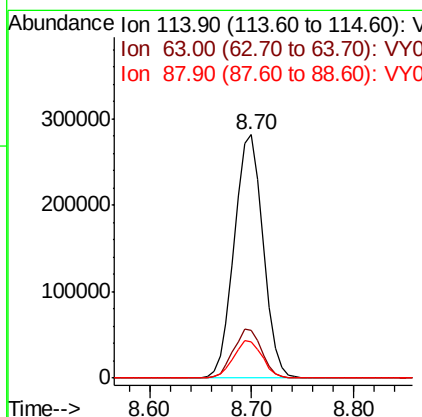
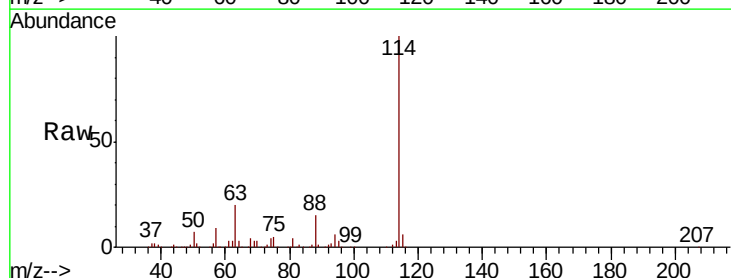
Instrument :
 MSVOA_Y
 ClientSampleId :

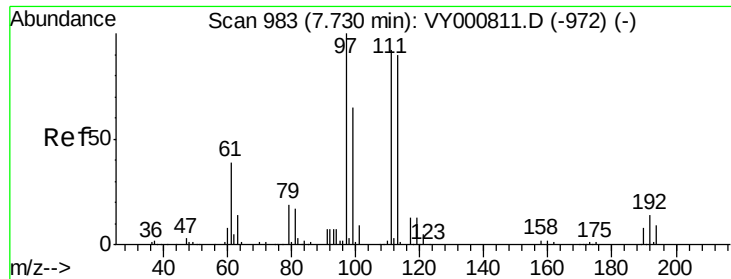
Tot Ion: 65 Resp: 180579
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion: 114 Resp: 551343
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 14.9 0.0 33.2

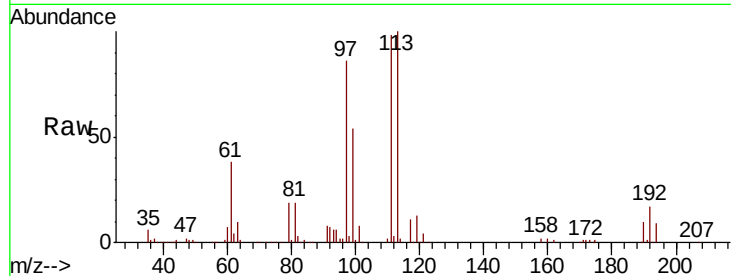




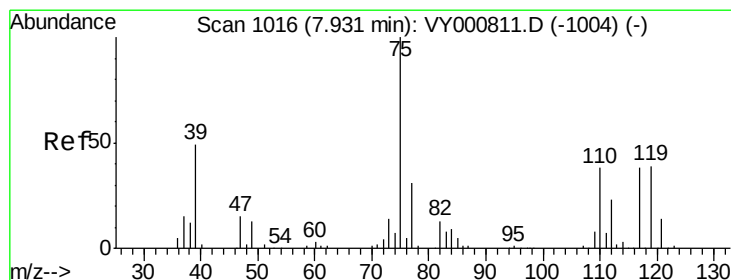
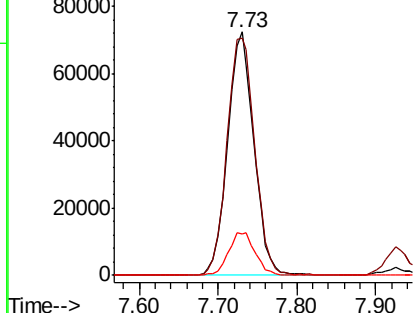
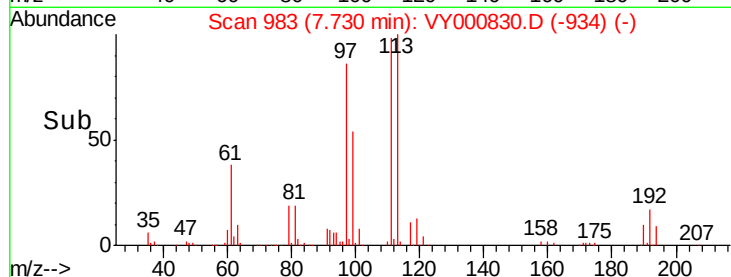
#35
 Dibromofluoromethane
 Concen: 52.175 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 167649
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 18.0 14.2 21.2

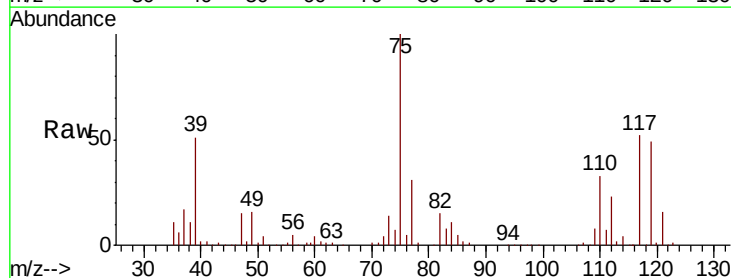


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

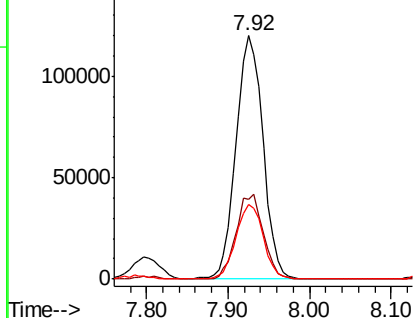
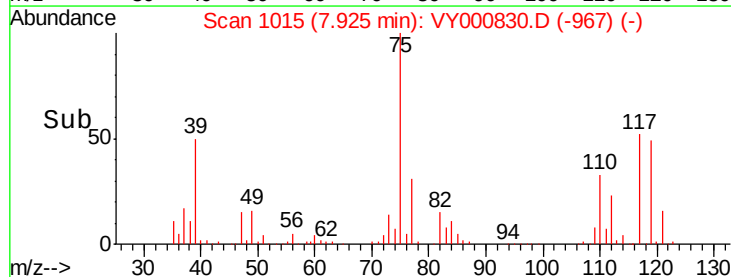


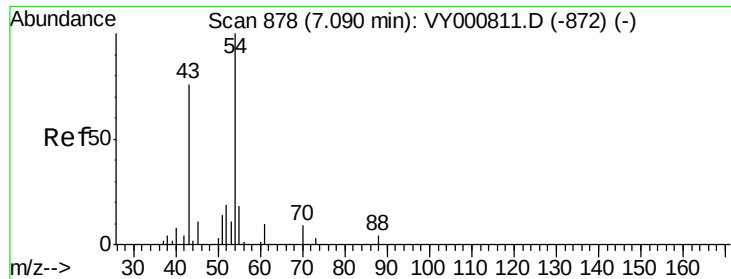
#36
 1,1-Dichloropropene
 Concen: 50.119 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion: 75 Resp: 274751
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.9 53.7
 77 31.2 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

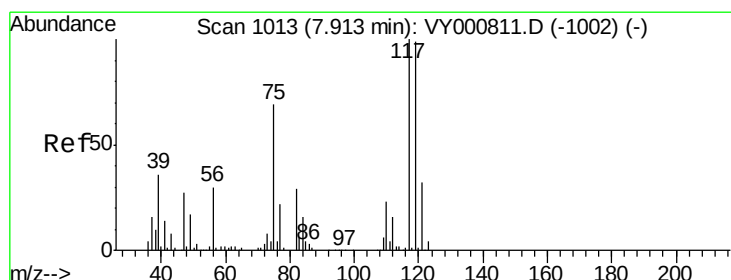
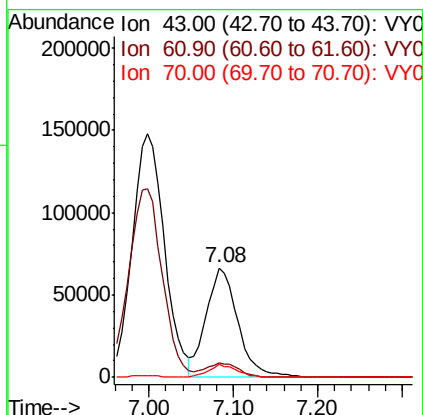
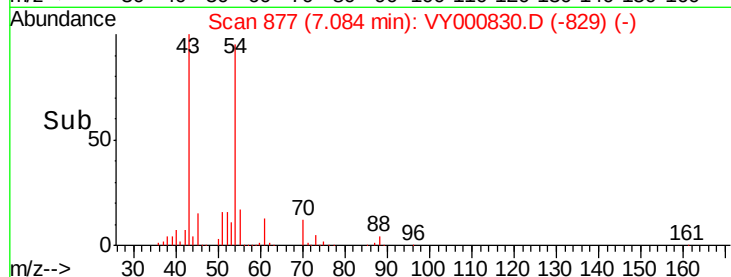
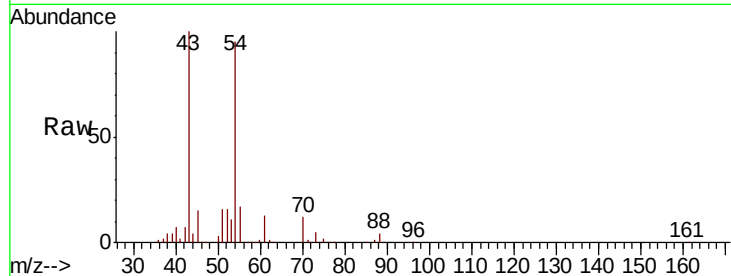




#37
Ethyl Acetate
Concen: 54.938 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

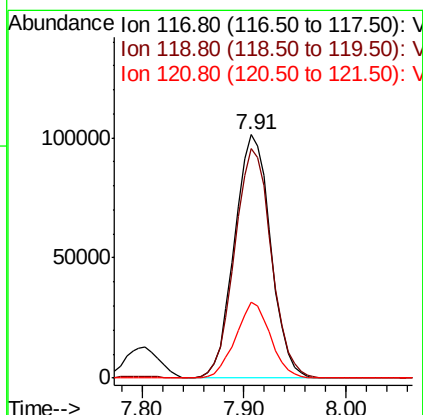
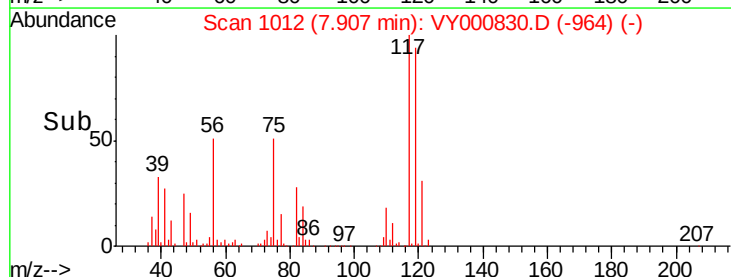
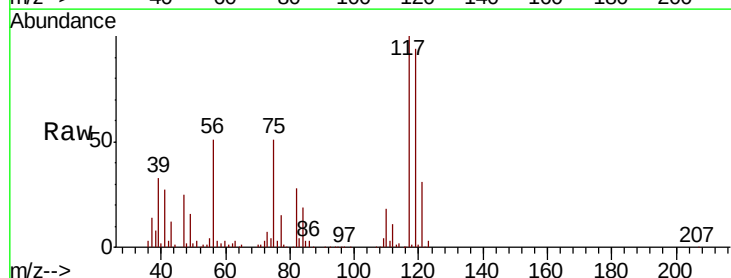
Instrument :
MSVOA_Y
ClientSampleId :

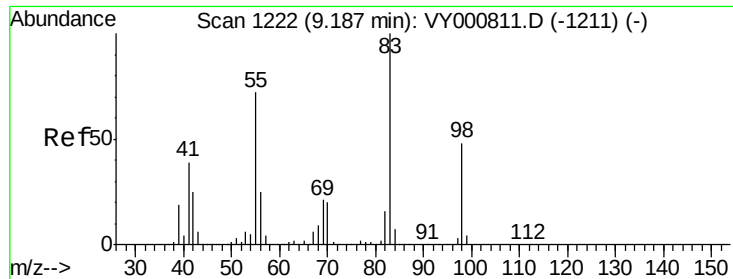
Tot Ion: 43 Resp: 173898
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.8
70 10.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 51.236 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 117 Resp: 250139
Ion Ratio Lower Upper
117 100
119 94.2 79.3 118.9
121 31.1 25.5 38.3

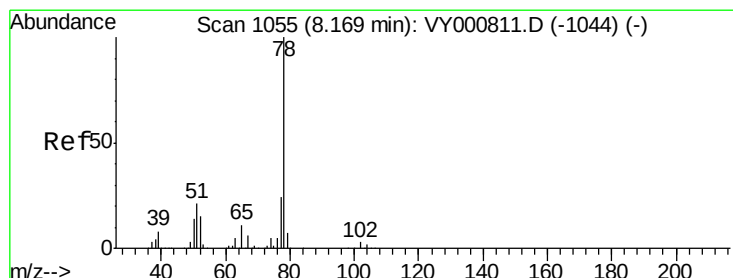
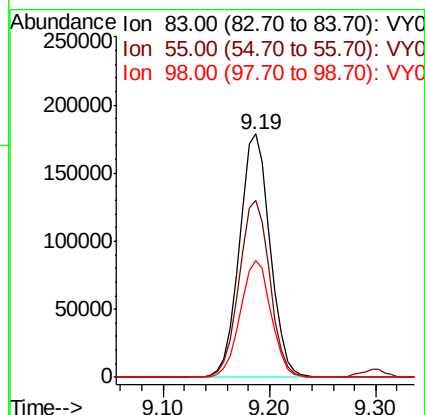
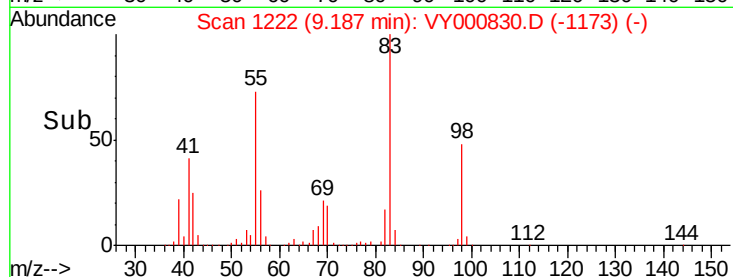
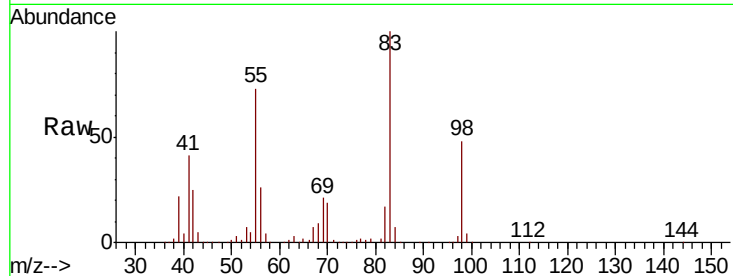




#39
Methylvlcyclohexane
Concen: 49.700 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

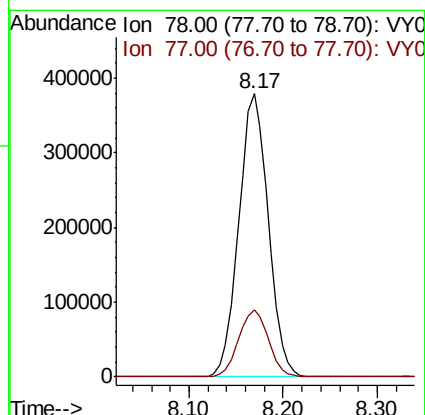
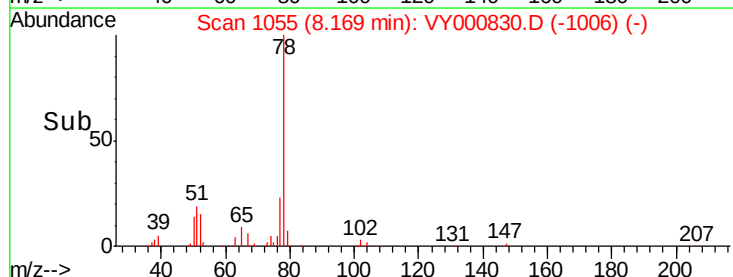
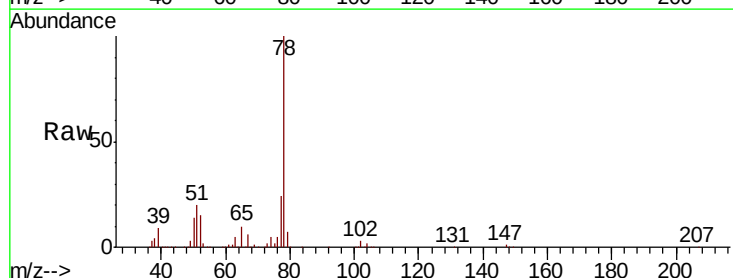
Instrument :
MSVOA_Y
ClientSampled :

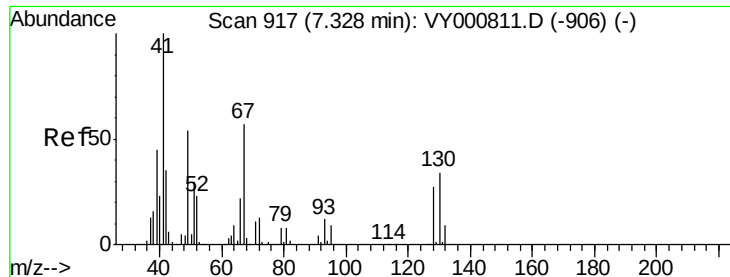
Tot Ion: 83 Resp: 360975
Ion Ratio Lower Upper
83 100
55 72.8 57.8 86.6
98 47.8 38.6 58.0



#40
Benzene
Concen: 51.803 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 78 Resp: 827192
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#41

Methacrylonitrile

Concen: 139.232 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

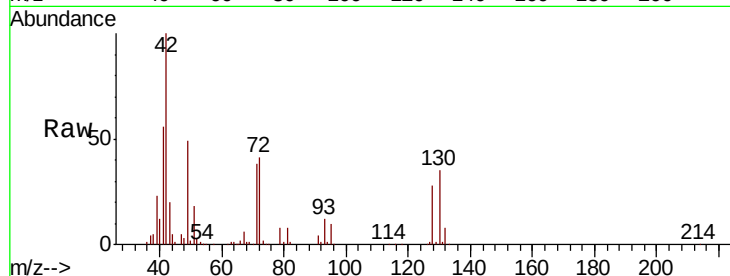
Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

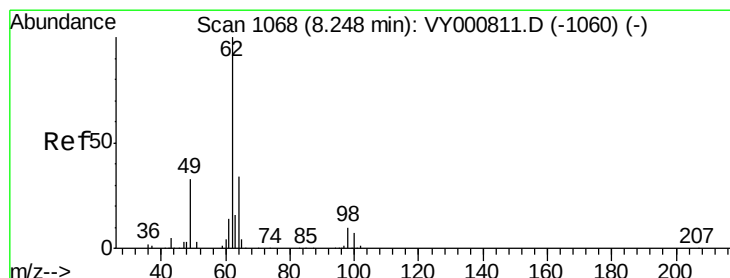
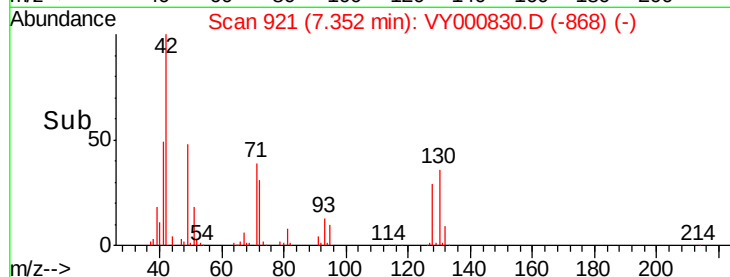
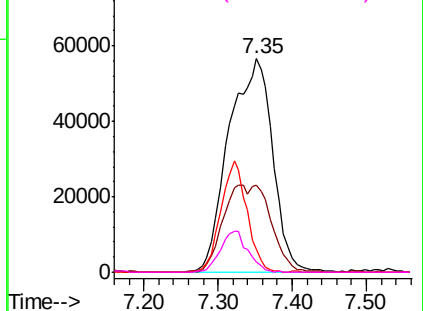
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 232285

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: 53.525 ug/l

RT: 8.25 min Scan# 1068

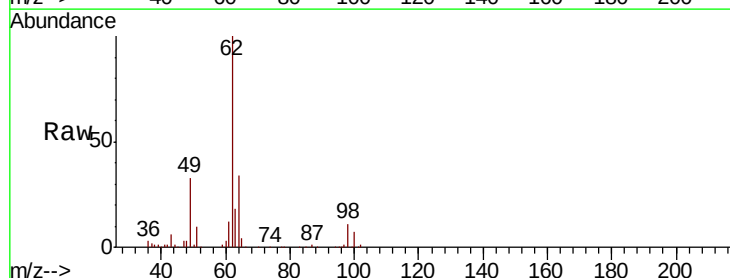
Delta R.T. -0.00 min

Lab File: VY000830.D

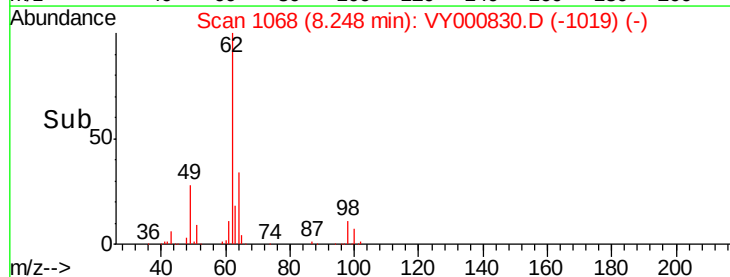
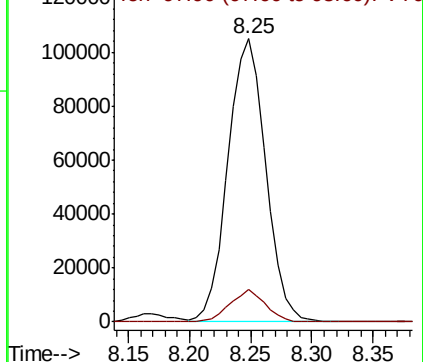
Acq: 27 Nov 2019 19:21

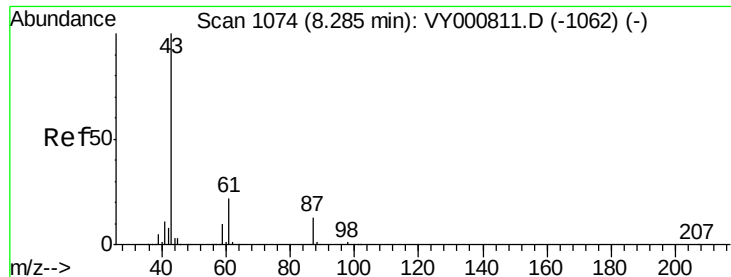
Tgt Ion: 62 Resp: 224775

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4



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

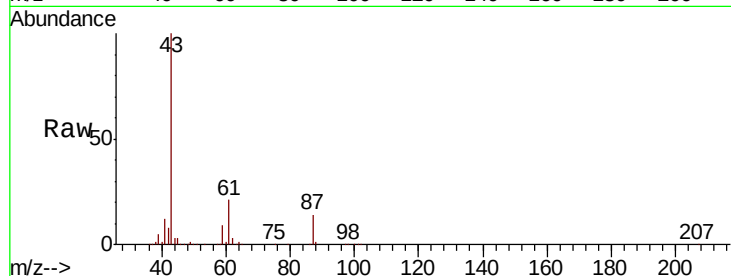




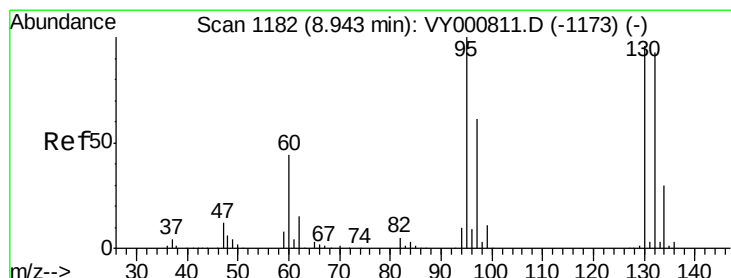
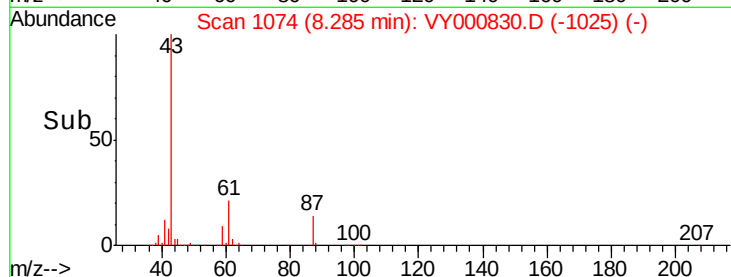
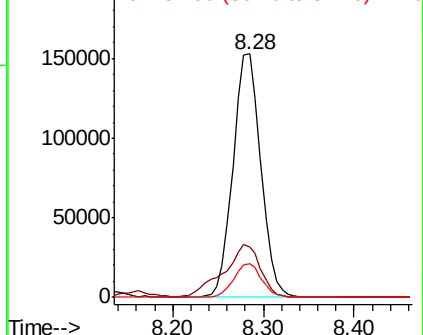
#43
Isopropyl Acetate
Concen: 54.495 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 325070
Ion Ratio Lower Upper
43 100
61 28.9 23.7 35.5
87 13.8 10.6 15.8

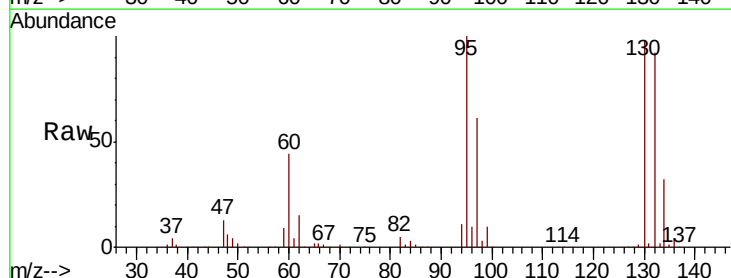


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

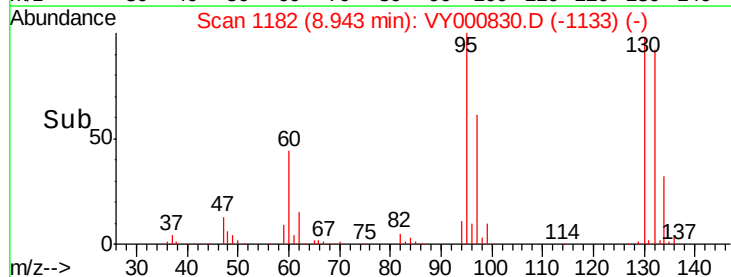
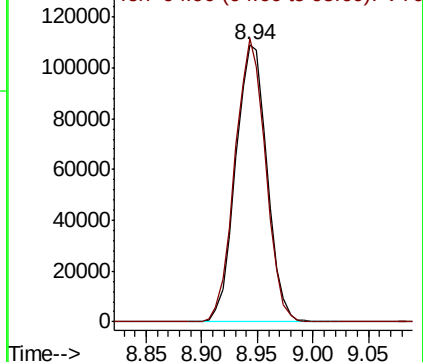


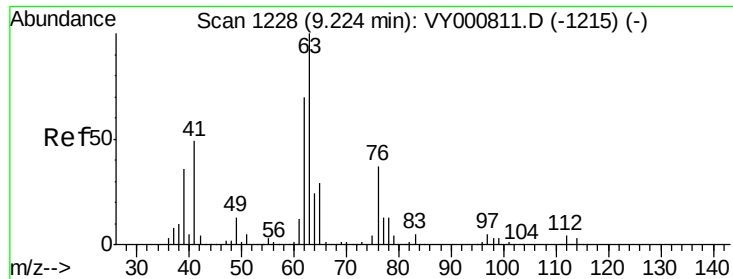
#44
Trichloroethene
Concen: 51.842 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion:130 Resp: 212747
Ion Ratio Lower Upper
130 100
95 102.2 0.0 207.8



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

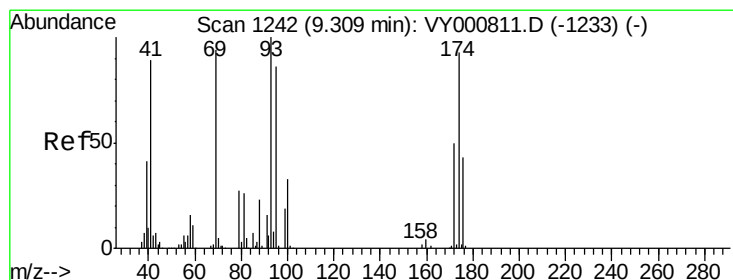
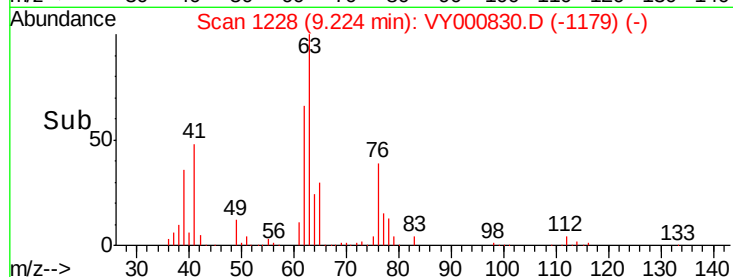
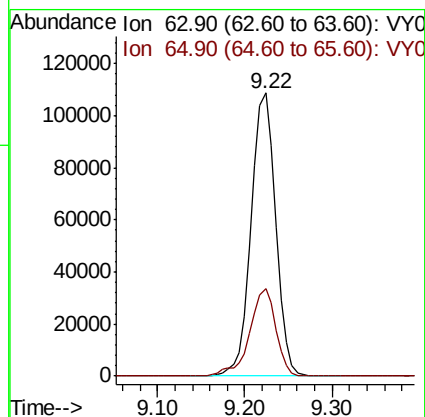
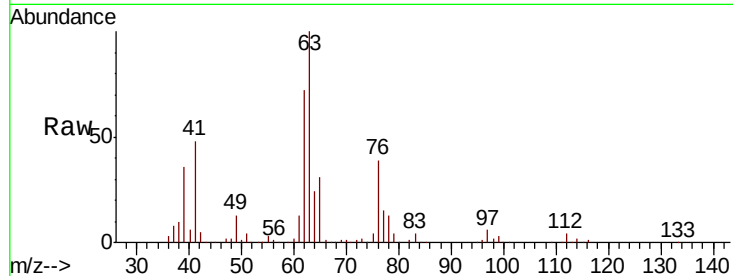




#45
 1,2-Dichloropropane
 Concen: 52.571 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

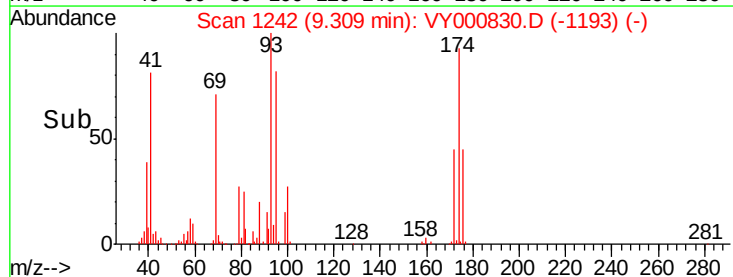
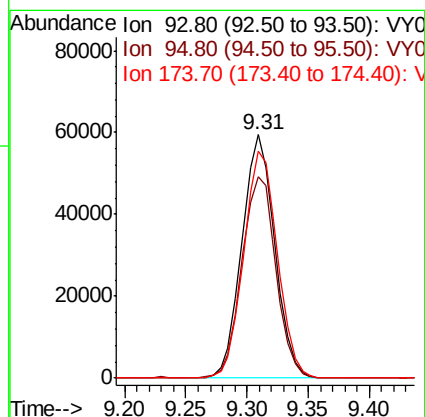
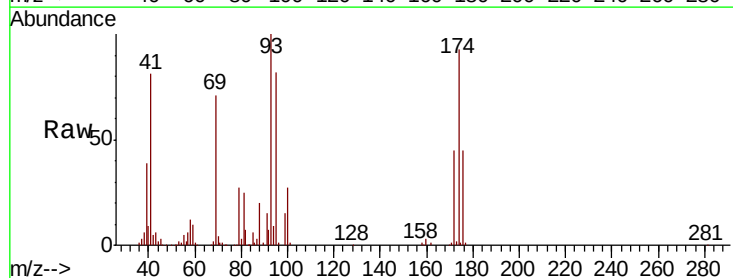
Instrument :
 MSVOA_Y
 ClientSampleId :

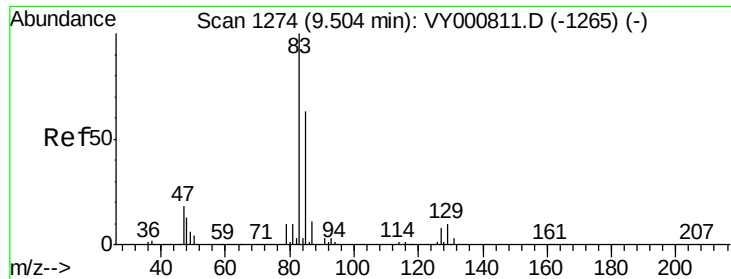
Tot Ion: 63 Resp: 210859
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.2 34.8



#46
 Dibromomethane
 Concen: 52.899 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion: 93 Resp: 110860
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.4 99.6
 174 95.6 73.0 109.6





#47

Bromodichloromethane

Concen: 53.026 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

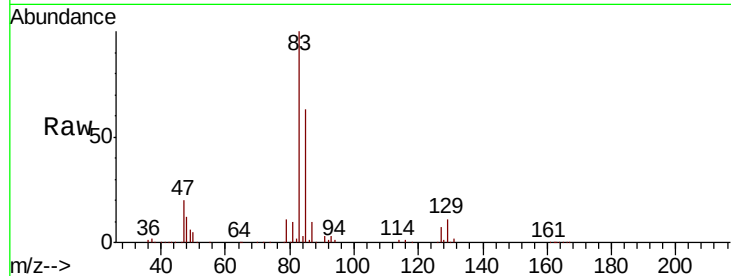
Tot Ion: 83 Resp: 261052

Ion Ratio Lower Upper

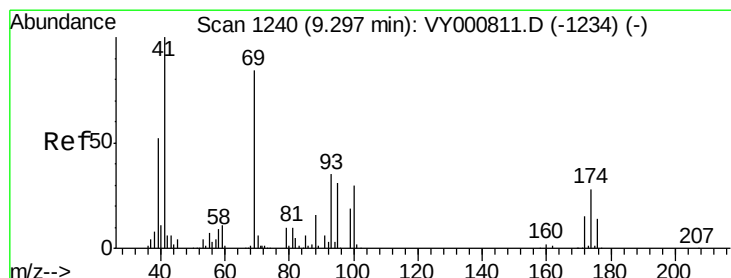
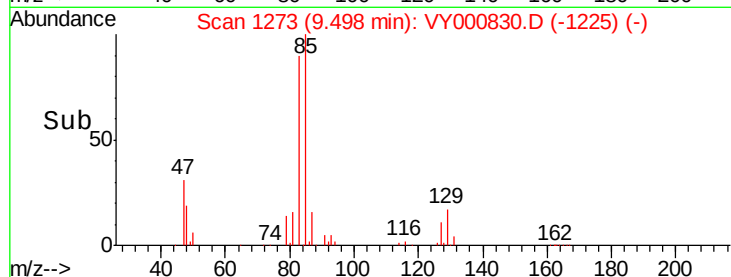
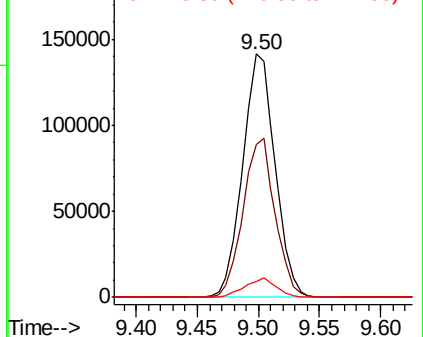
83 100

85 62.5 50.8 76.2

127 6.6 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: 54.703 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

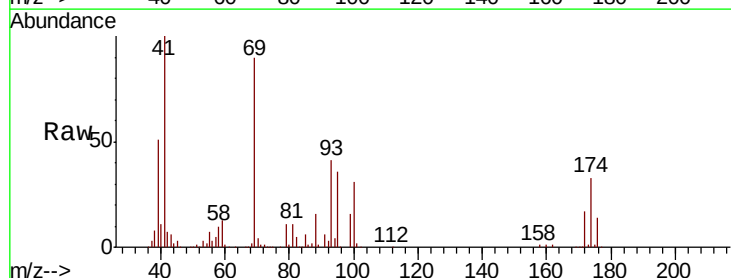
Tgt Ion: 41 Resp: 143490

Ion Ratio Lower Upper

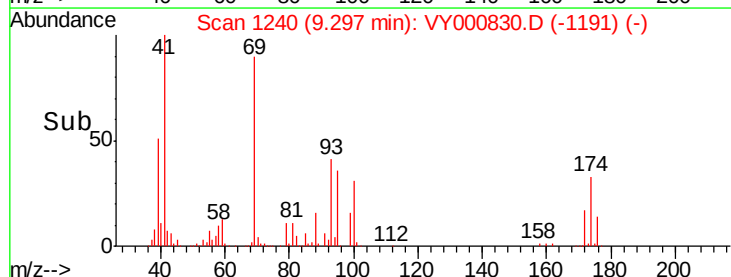
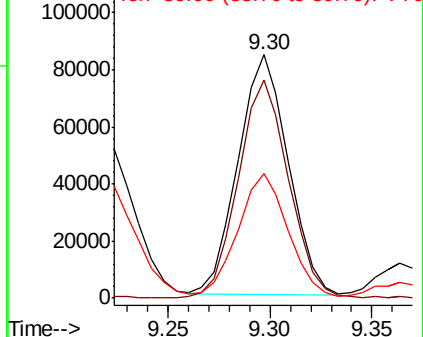
41 100

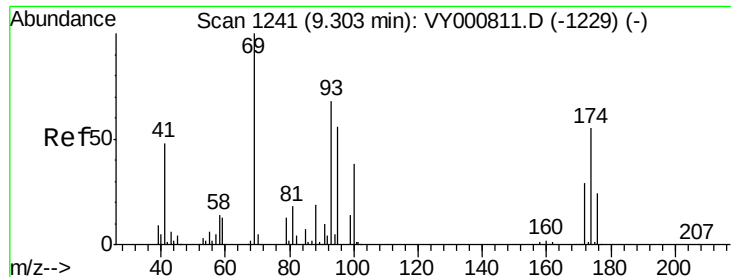
69 91.4 70.4 105.6

39 52.3 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: 1050.580 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampleId :

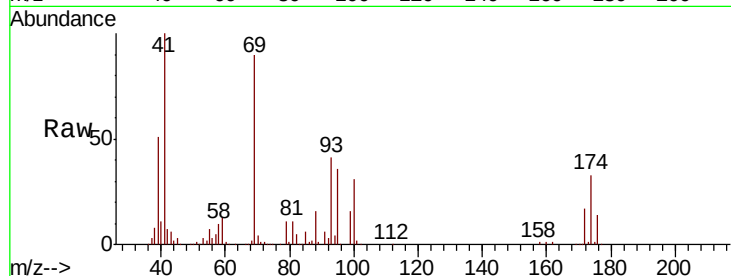
Tot Ion: 88 Resp: 31196

Ion Ratio Lower Upper

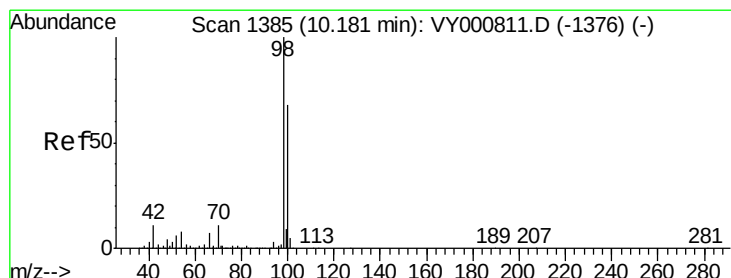
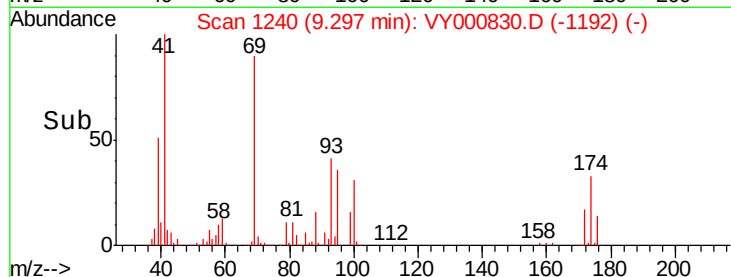
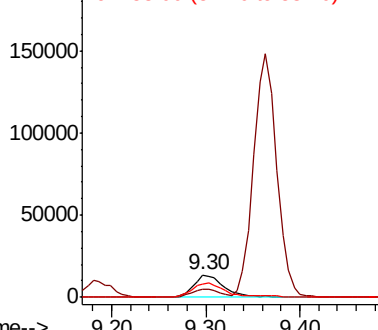
88 100

43 32.1 21.1 31.7#

58 70.4 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: 54.014 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000830.D

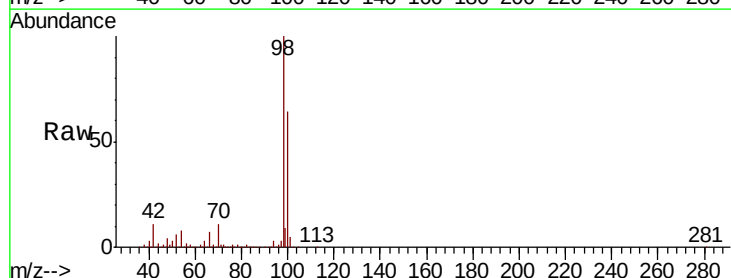
Acq: 27 Nov 2019 19:21

Tgt Ion: 98 Resp: 693884

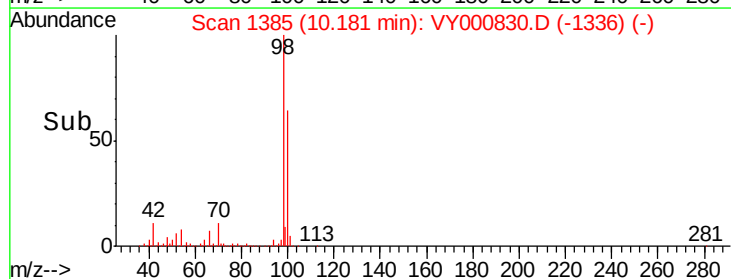
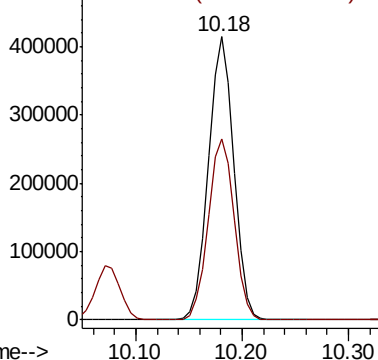
Ion Ratio Lower Upper

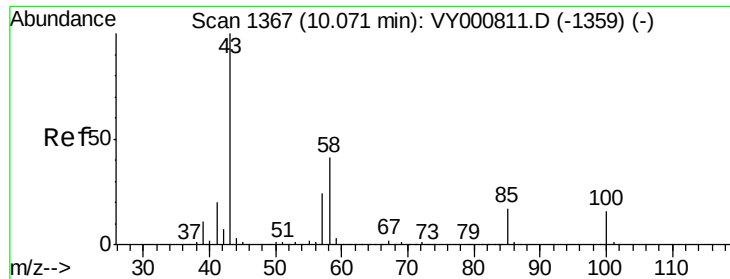
98 100

100 65.6 53.1 79.7



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

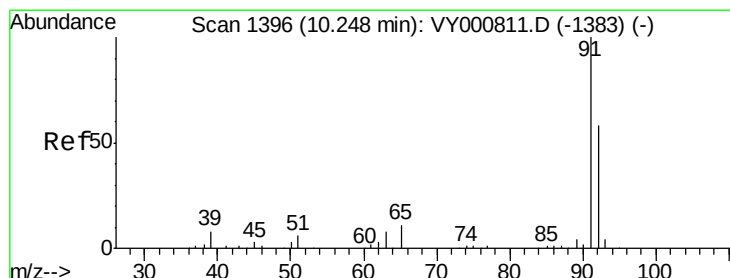
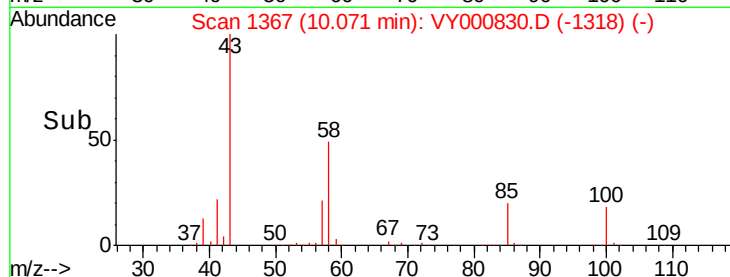
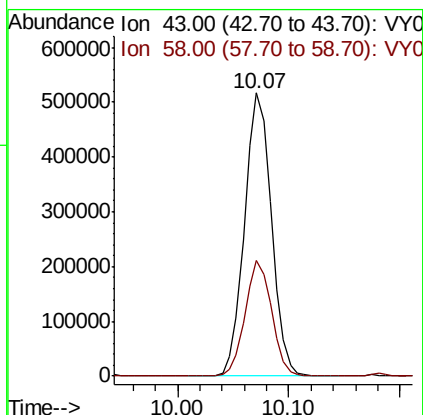
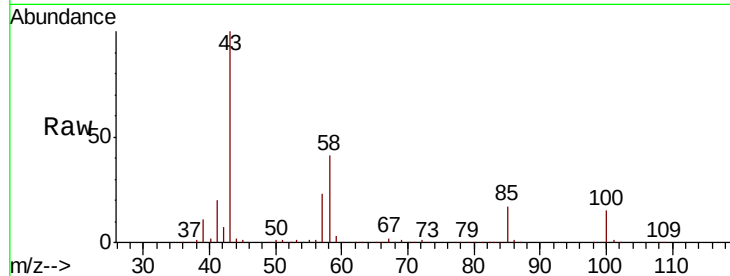




#51
4-Methyl-2-Pentanone
Concen: 281.822 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

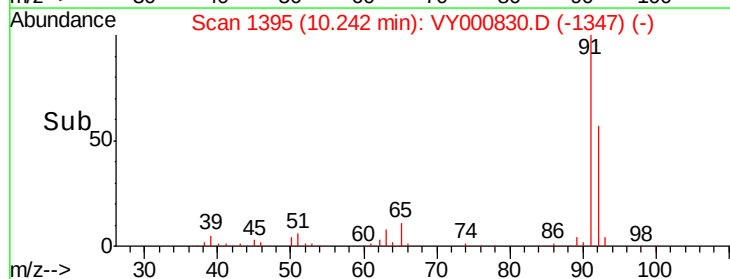
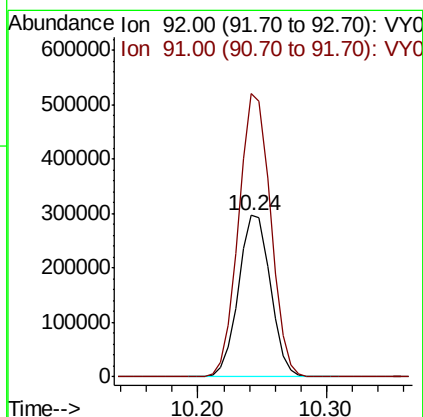
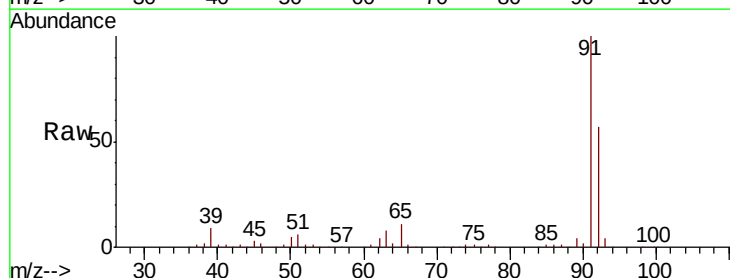
Instrument :
MSVOA_Y
ClientSampled :

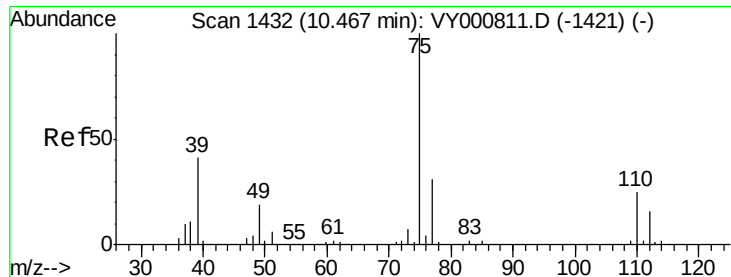
Tot Ion: 43 Resp: 868584
Ion Ratio Lower Upper
43 100
58 40.2 33.1 49.7



#52
Toluene
Concen: 51.472 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 92 Resp: 508891
Ion Ratio Lower Upper
92 100
91 175.6 136.6 204.8

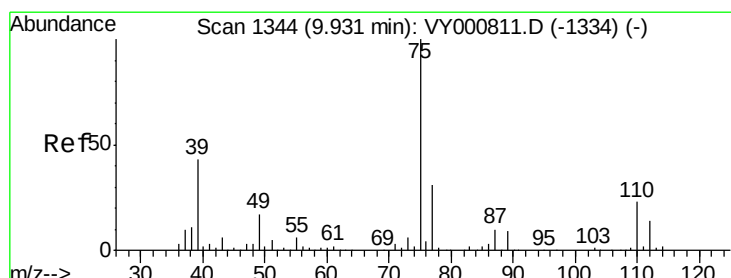
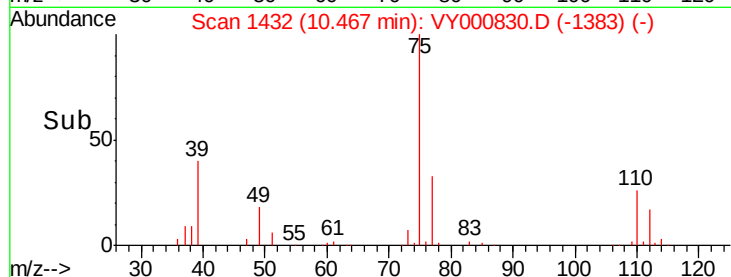
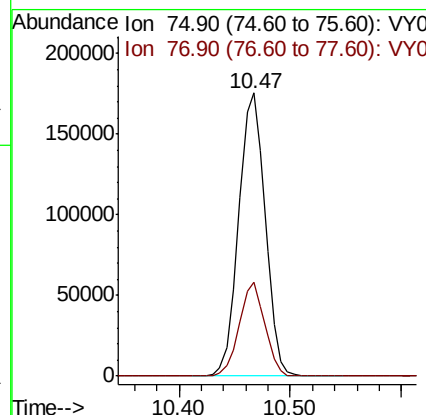
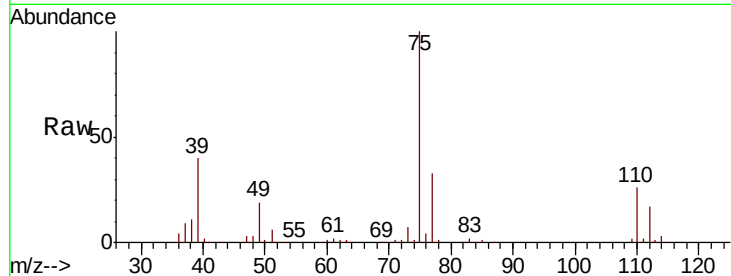




#53
t-1,3-Dichloropropene
Concen: 54.601 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

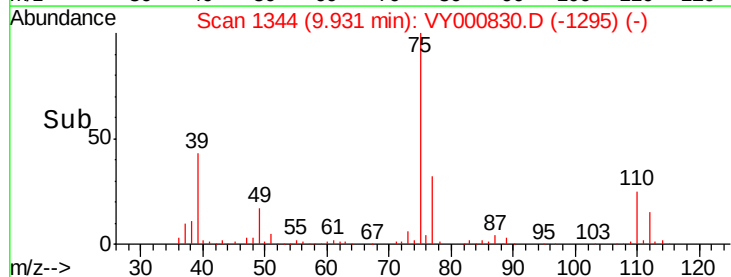
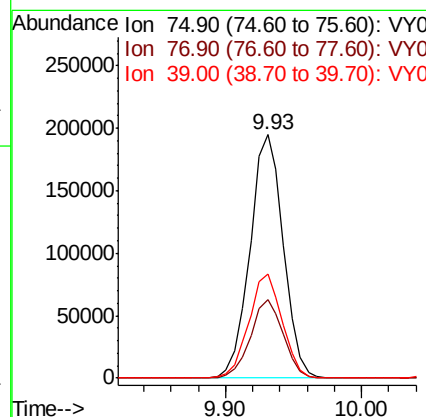
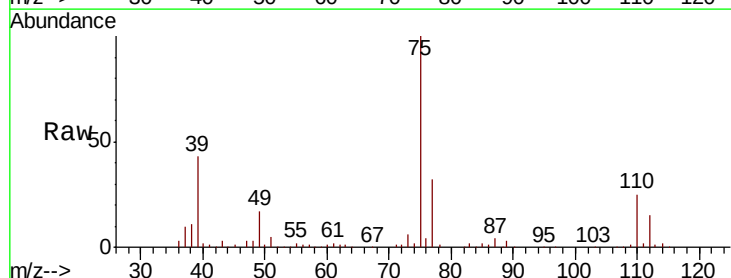
Instrument :
MSVOA_Y
ClientSampleId :

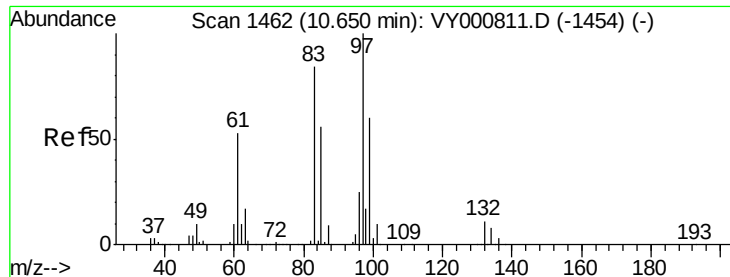
Tot Ion: 75 Resp: 288797
Ion Ratio Lower Upper
75 100
77 33.0 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 53.415 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 75 Resp: 333942
Ion Ratio Lower Upper
75 100
77 32.4 24.7 37.1
39 43.0 34.5 51.7

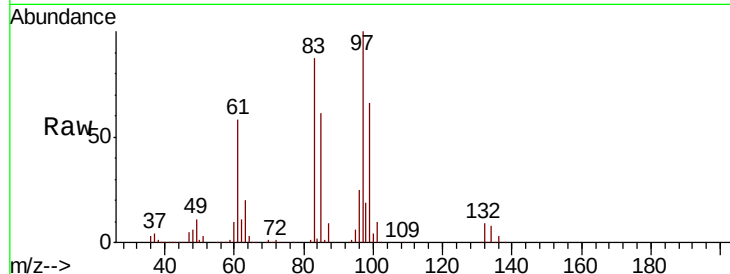




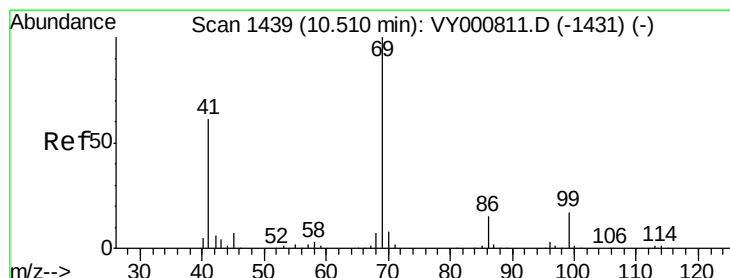
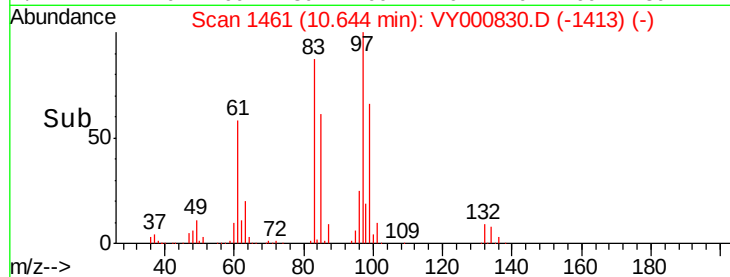
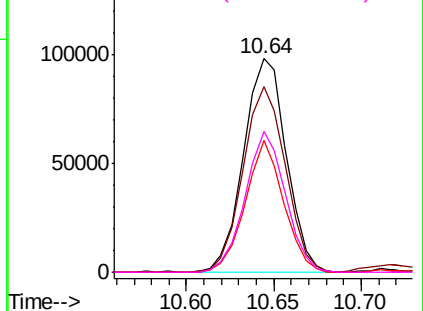
#55
 1,1,2-Trichloroethane
 Concen: 53.601 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 165961
 Ion Ratio Lower Upper
 97 100
 83 86.8 67.5 101.3
 85 61.6 44.5 66.7
 99 66.2 47.7 71.5

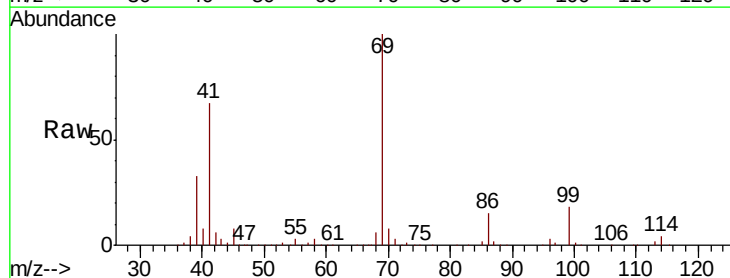


Abundance Ion 96.90 (96.60 to 97.60): VY0
 150000 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

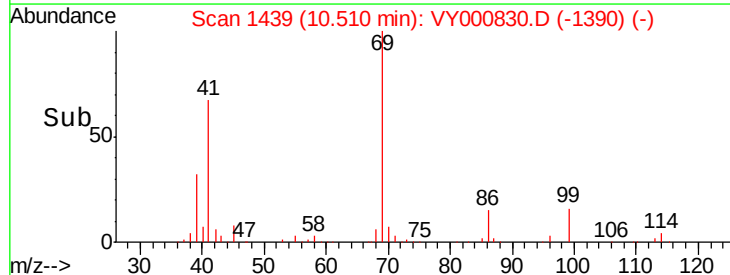
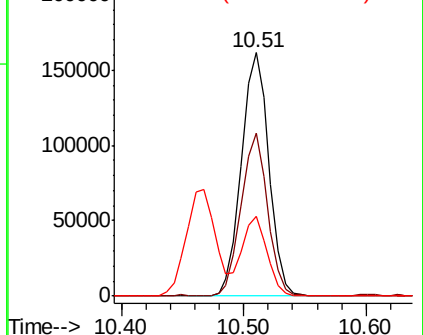


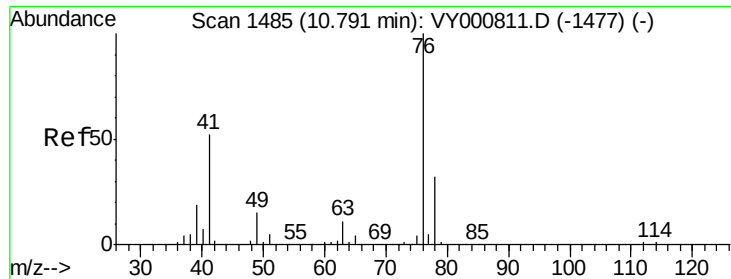
#56
 Ethyl methacrylate
 Concen: 56.745 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion: 69 Resp: 251340
 Ion Ratio Lower Upper
 69 100
 41 63.8 49.0 73.6
 39 31.2 23.1 34.7



Abundance Ion 69.00 (68.70 to 69.70): VY0
 200000 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 54.640 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

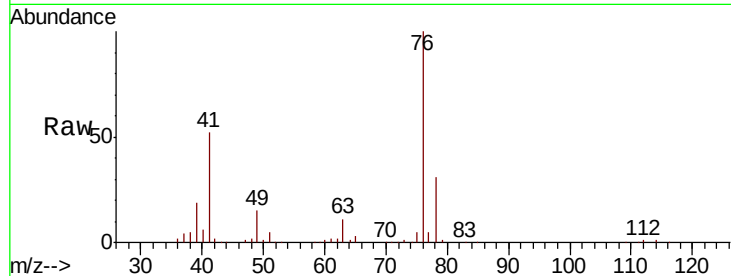
ClientSampleId :

Tot Ion: 76 Resp: 294858

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

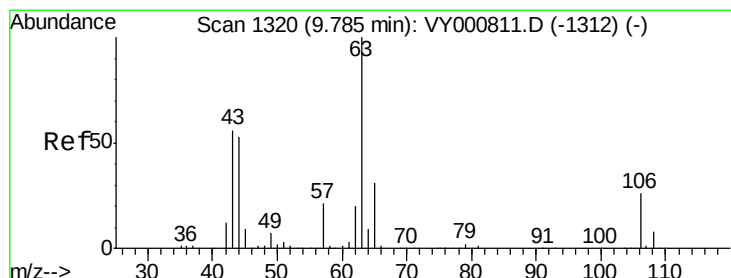
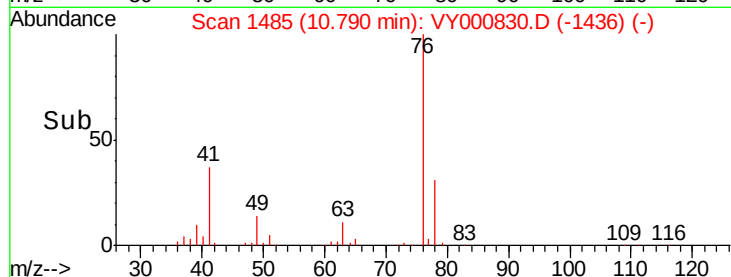
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.673 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000830.D

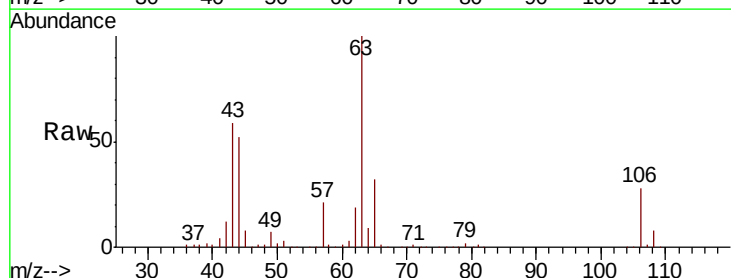
Acq: 27 Nov 2019 19:21

Tgt Ion: 63 Resp: 456614

Ion Ratio Lower Upper

63 100

106 28.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

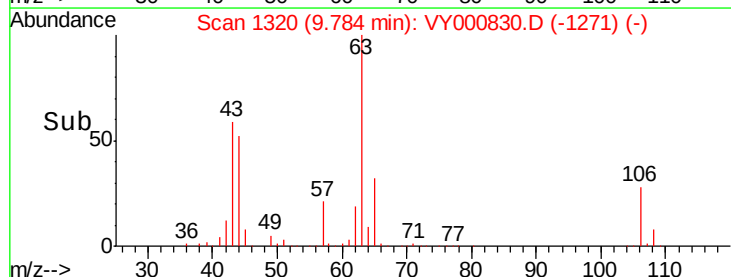
150000

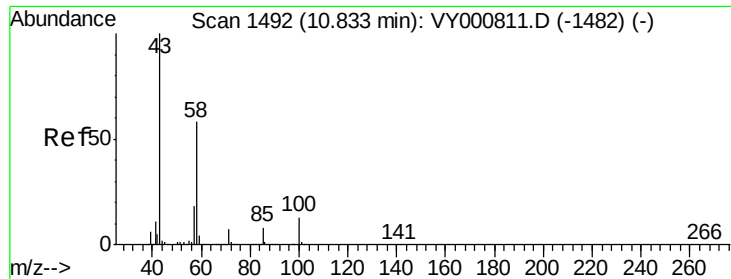
100000

50000

0

Time-->

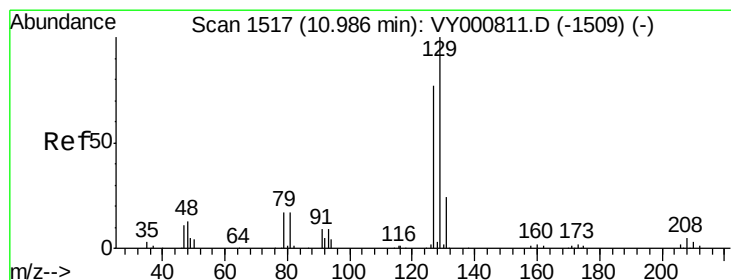
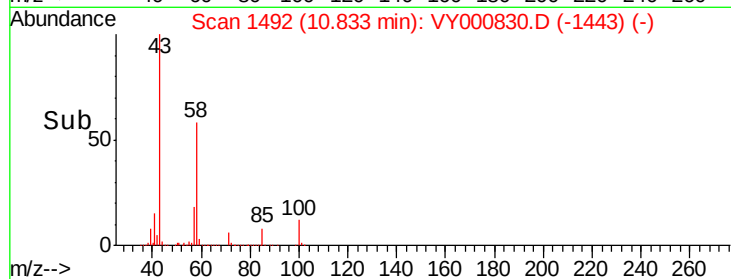
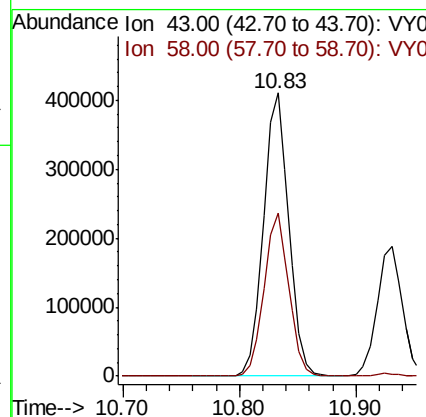
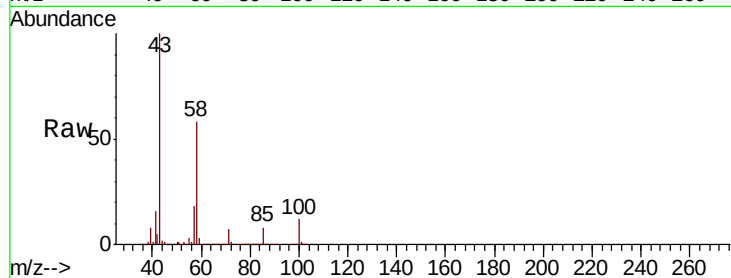




#59
2-Hexanone
Concen: 276.603 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

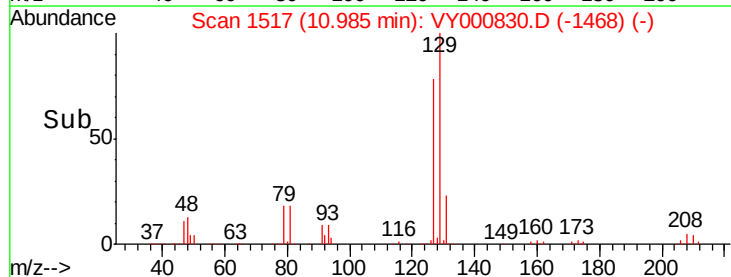
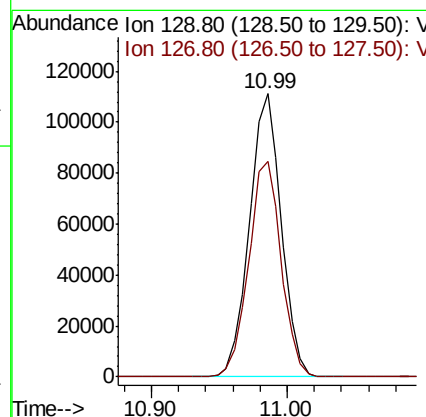
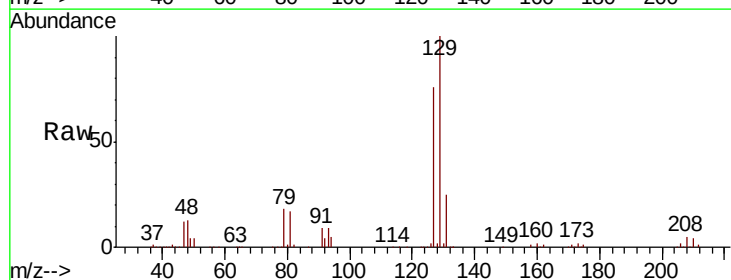
Instrument :
MSVOA_Y
ClientSampleId :

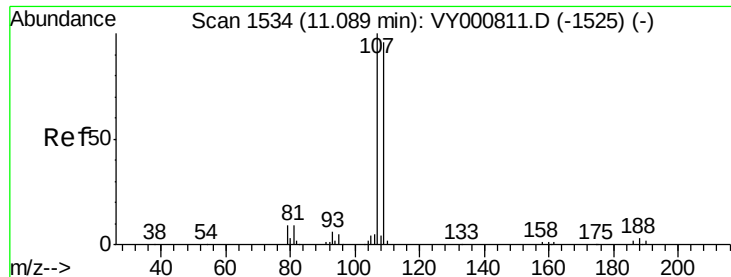
Tot Ion: 43 Resp: 621196
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.1



#60
Dibromochloromethane
Concen: 54.655 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 129 Resp: 182170
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 54.623 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

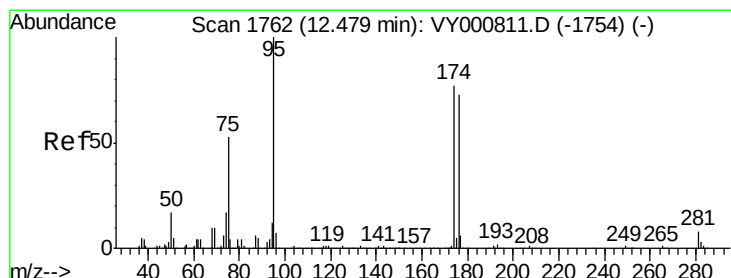
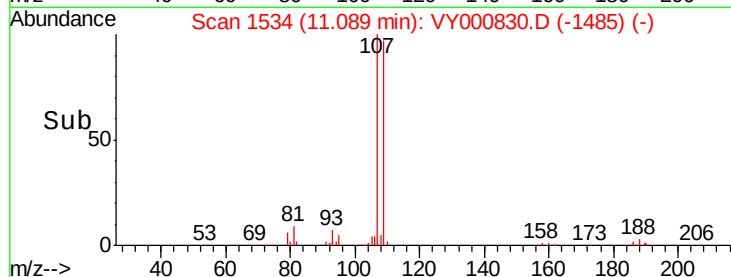
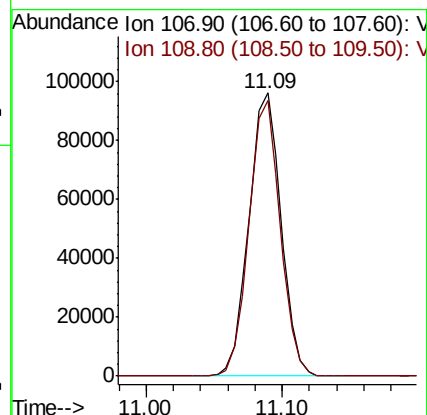
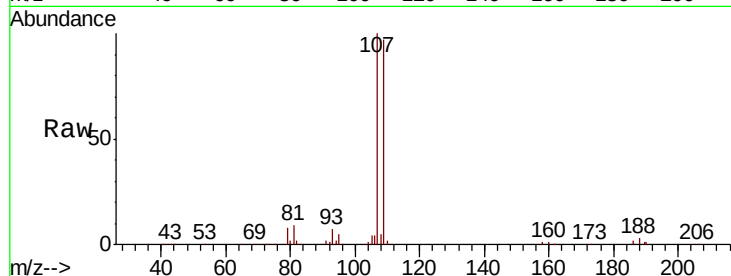
ClientSampleId :

Tot Ion:107 Resp: 159391

Ion Ratio Lower Upper

107 100

109 94.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.488 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

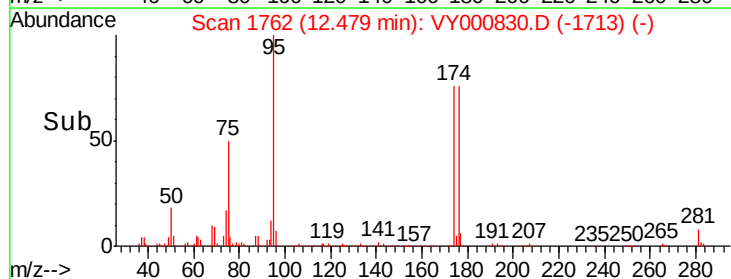
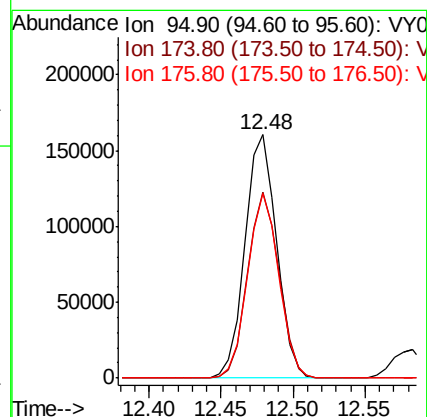
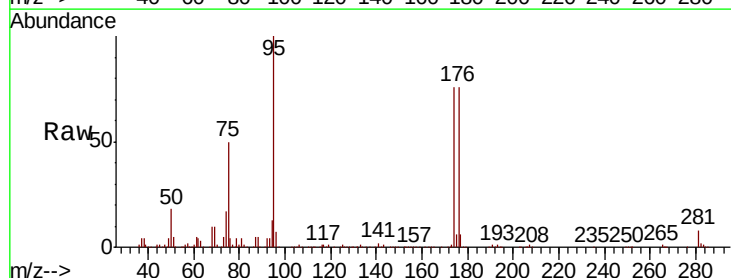
Tgt Ion: 95 Resp: 243576

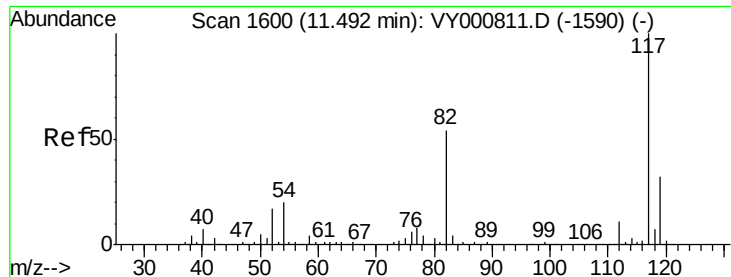
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.6

176 74.8 0.0 145.2

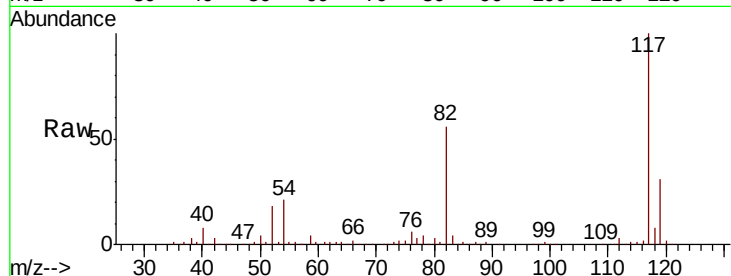




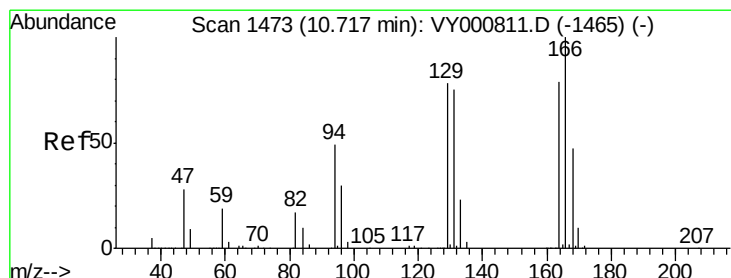
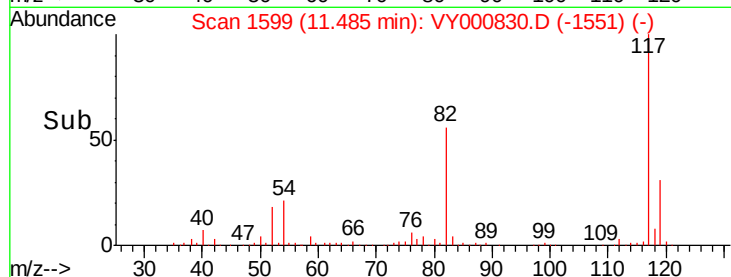
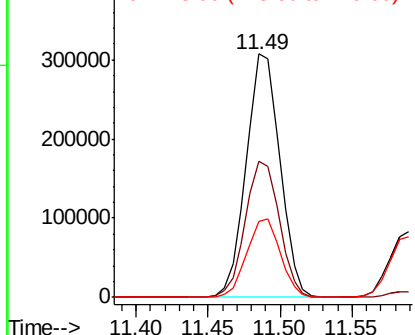
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 498195
Ion Ratio Lower Upper
117 100
82 55.7 43.1 64.7
119 31.2 25.3 37.9

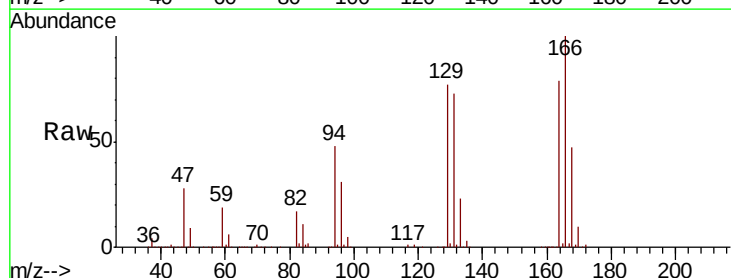


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

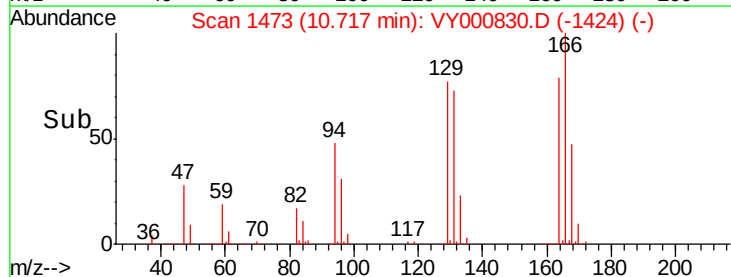
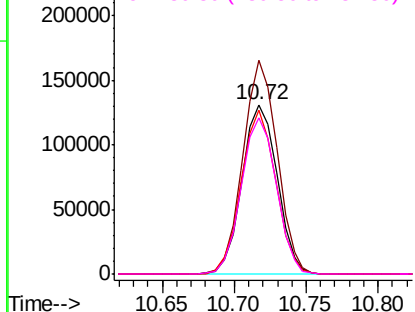


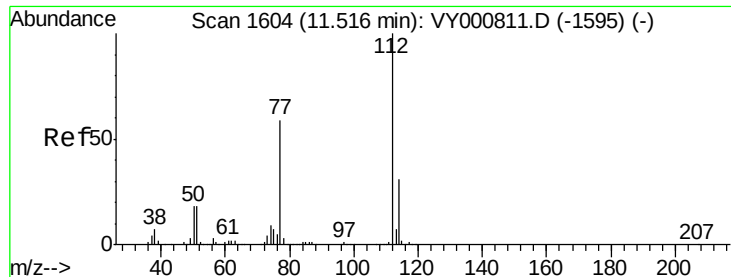
#64
Tetrachloroethene
Concen: 50.978 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion:164 Resp: 220656
Ion Ratio Lower Upper
164 100
166 126.2 101.8 152.8
129 97.1 79.3 118.9
131 92.0 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

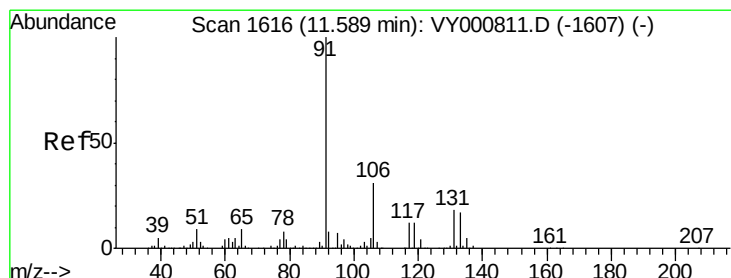
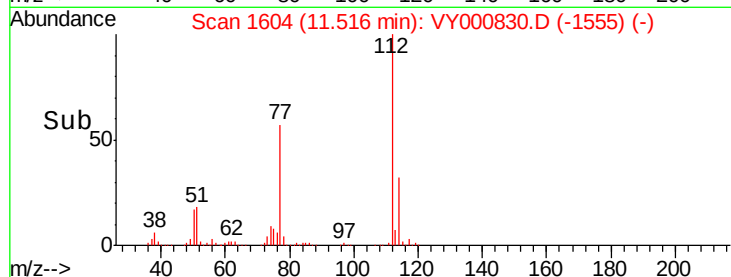
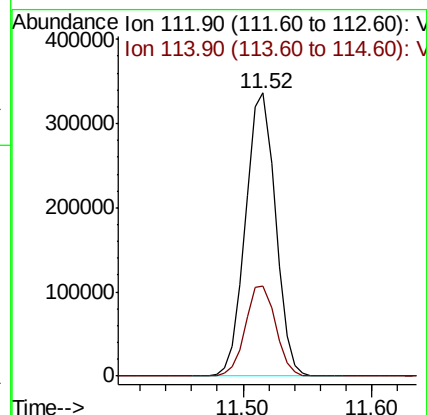
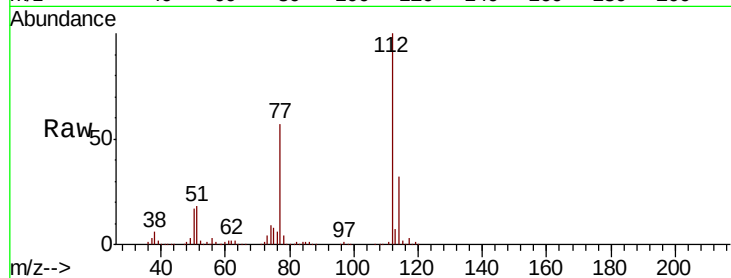




#65
Chlorobenzene
Concen: 52.034 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

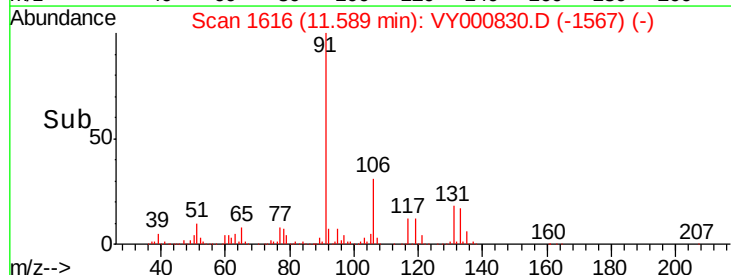
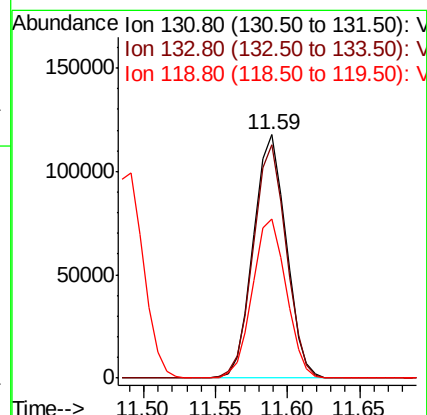
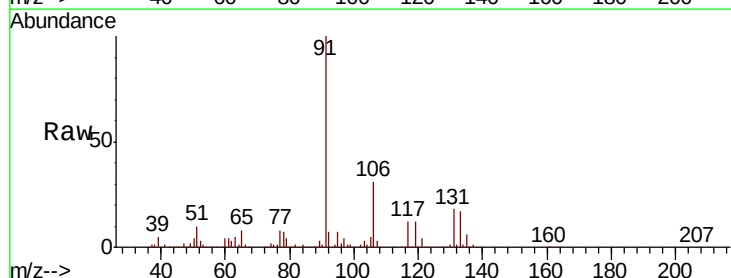
Instrument :
MSVOA_Y
ClientSampleId :

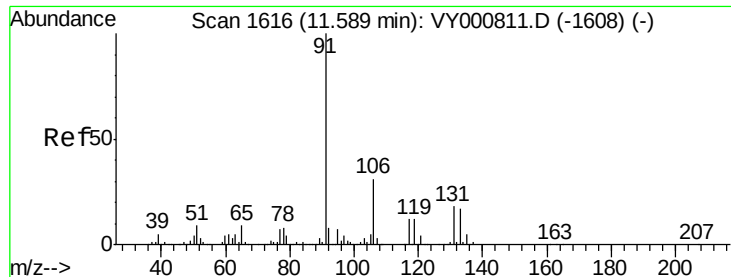
Tot Ion:112 Resp: 538848
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.170 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion:131 Resp: 185559
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.2
119 67.2 33.8 101.3





#67

Ethyl Benzene

Concen: 51.839 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

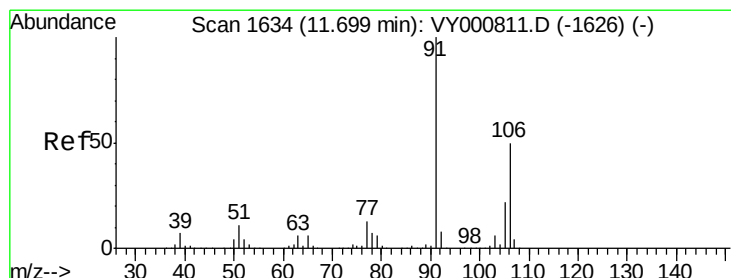
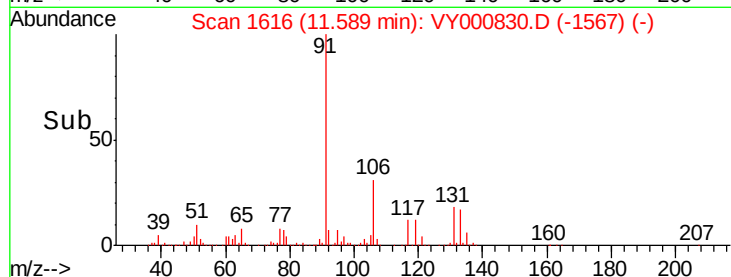
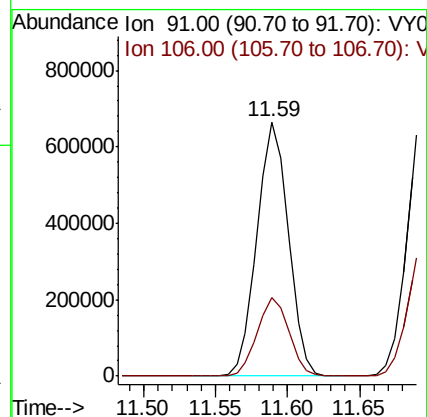
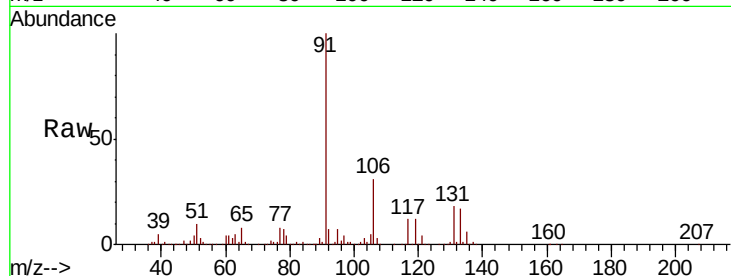
ClientSampled :

Tot Ion: 91 Resp: 999793

Ion Ratio Lower Upper

91 100

106 31.0 24.4 36.6



#68

m/p-Xylenes

Concen: 104.553 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000830.D

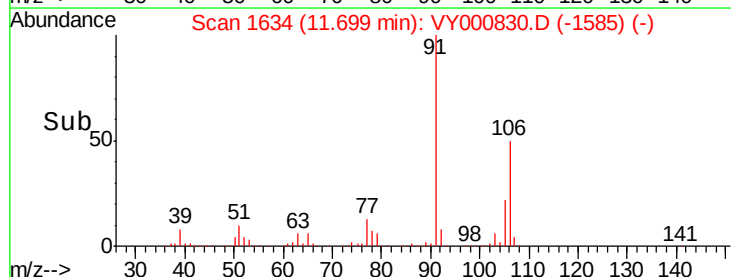
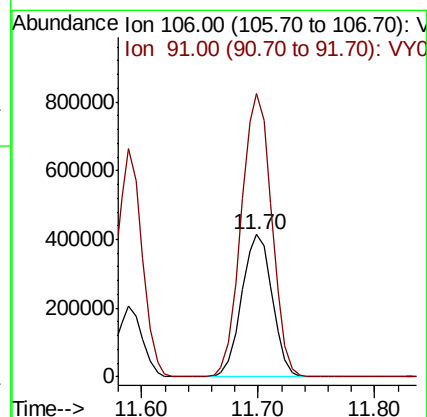
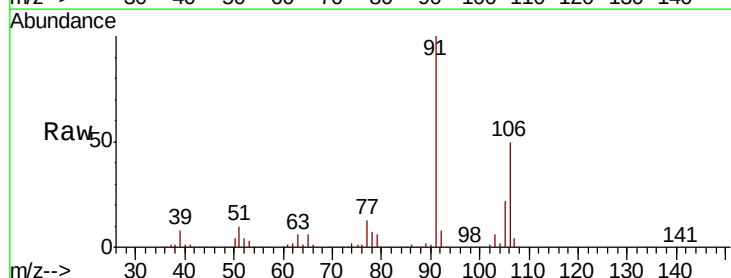
Acq: 27 Nov 2019 19:21

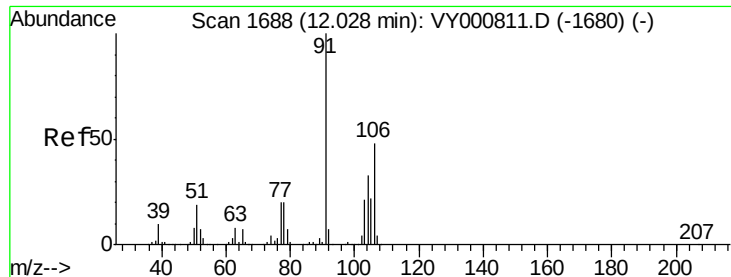
Tgt Ion: 106 Resp: 756859

Ion Ratio Lower Upper

106 100

91 198.6 159.6 239.4

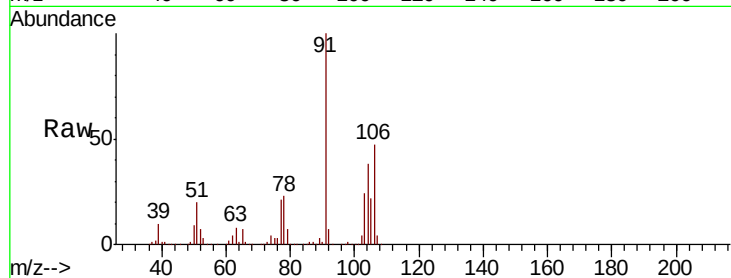




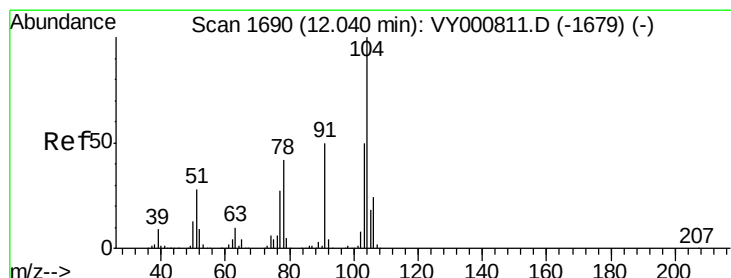
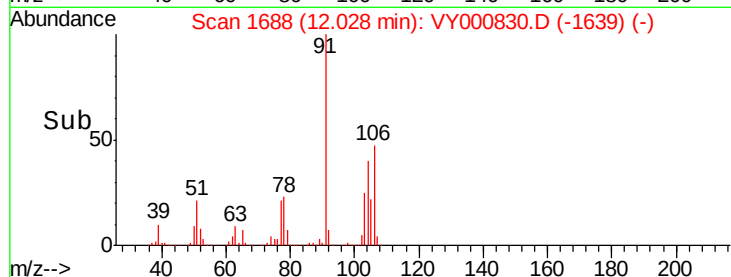
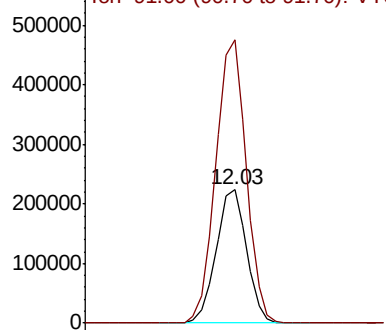
#69
o-Xylene
Concen: 52.284 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 352900
Ion Ratio Lower Upper
106 100
91 211.4 106.1 318.1

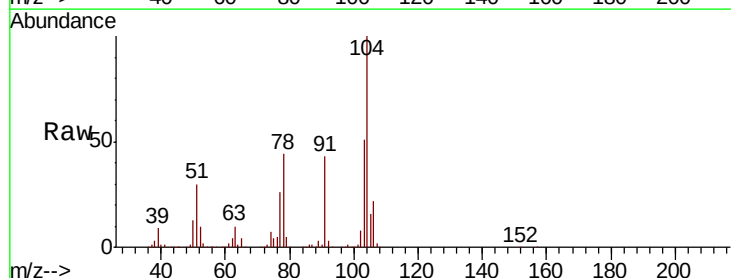


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

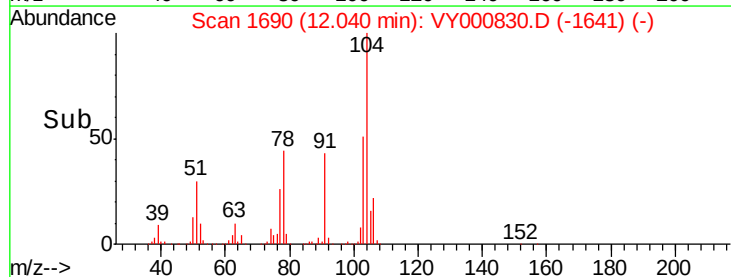
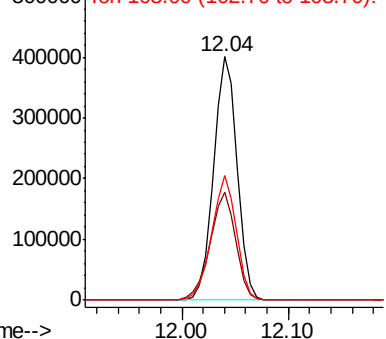


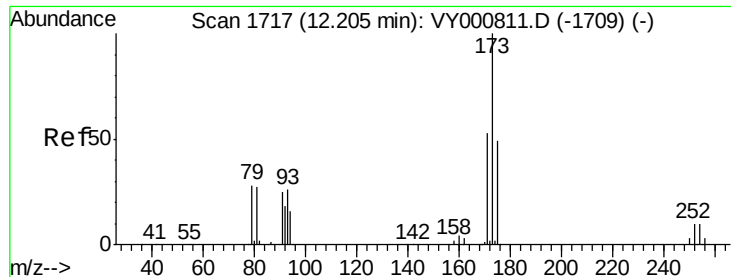
#70
Styrene
Concen: 53.745 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion:104 Resp: 621147
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 53.7 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.695 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

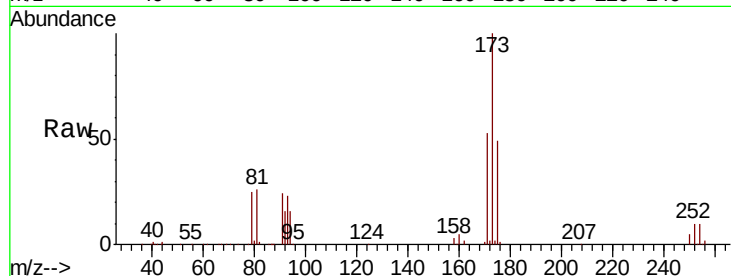
Tot Ion:173 Resp: 107656

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

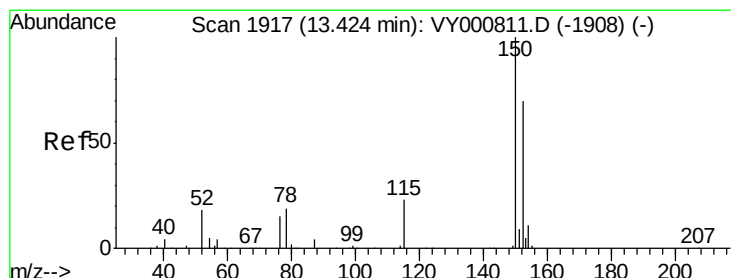
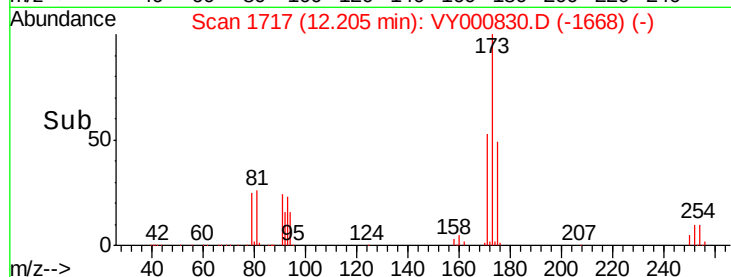
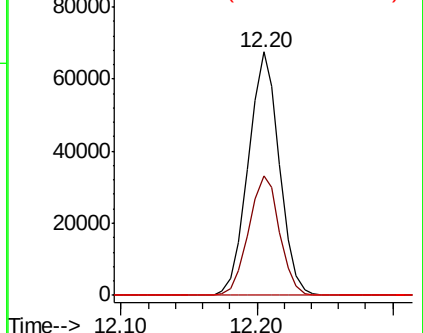
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

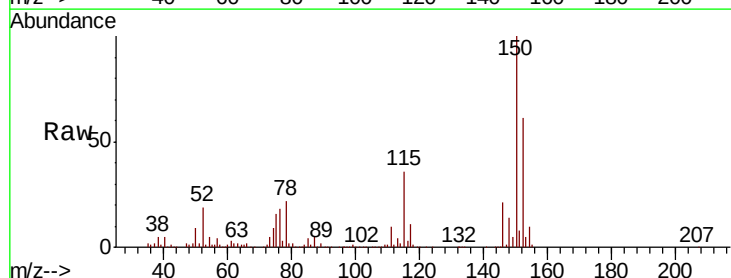
Tgt Ion:152 Resp: 236516

Ion Ratio Lower Upper

152 100

115 59.7 29.3 87.8

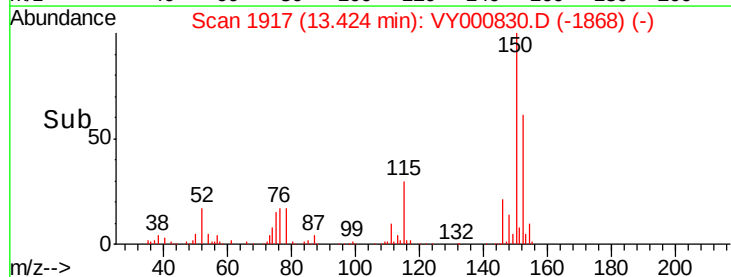
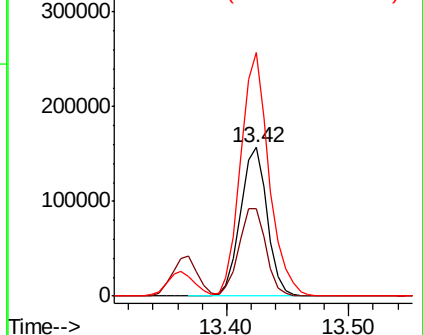
150 174.5 0.0 351.2

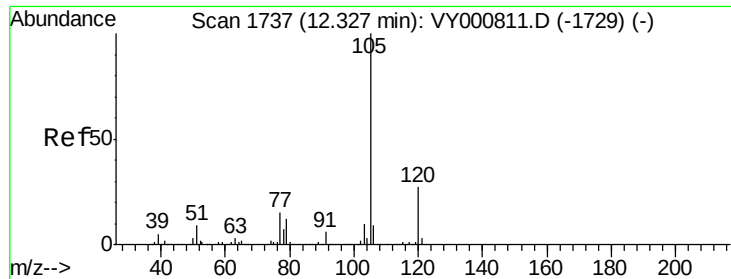


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.739 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

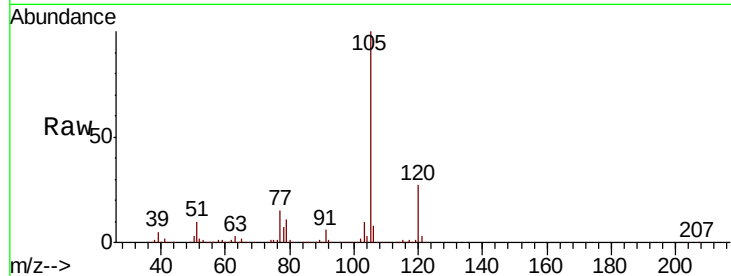
ClientSampleId :

Tot Ion:105 Resp: 955508

Ion Ratio Lower Upper

105 100

120 26.5 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

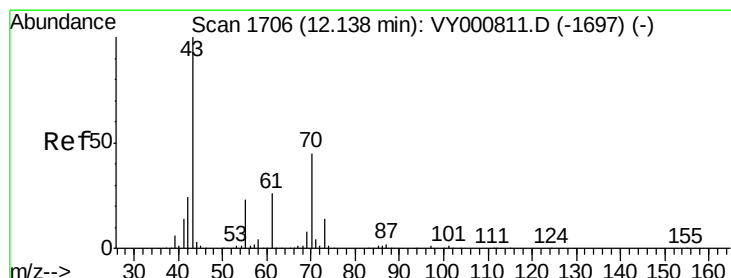
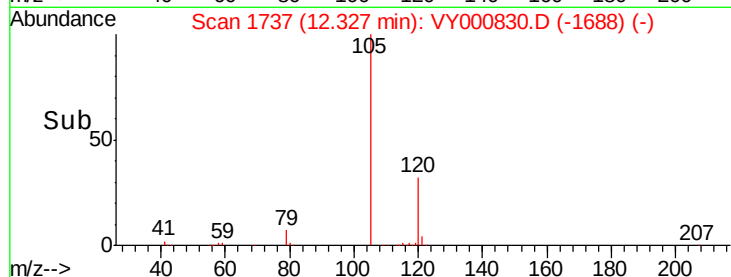
400000

200000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 54.616 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Tgt Ion: 43 Resp: 286276

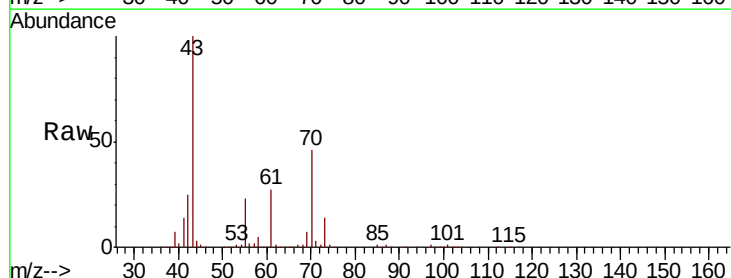
Ion Ratio Lower Upper

43 100

70 45.0 36.6 54.8

55 23.7 18.8 28.2

61 26.4 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

300000

250000

200000

150000

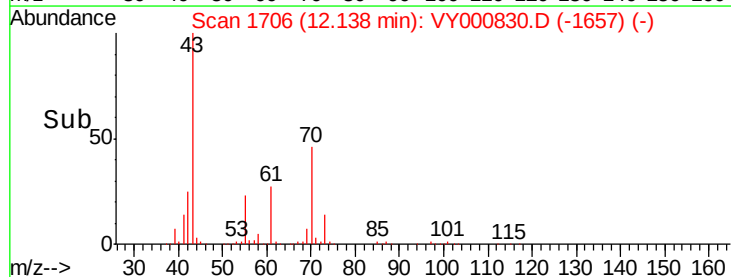
100000

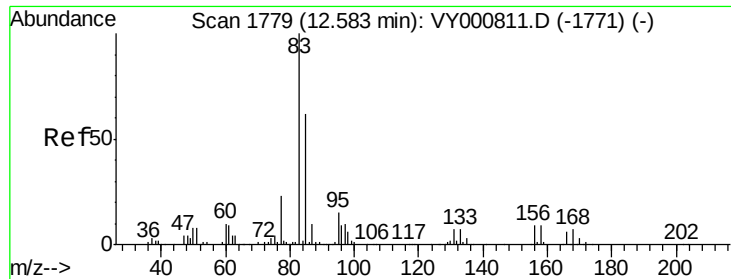
50000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.224 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

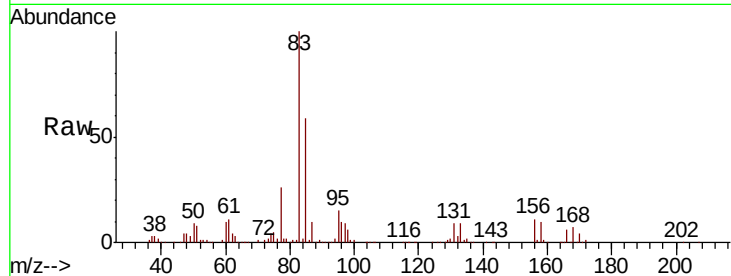
Tot Ion: 83 Resp: 197493

Ion Ratio Lower Upper

83 100

131 9.3 4.3 13.1

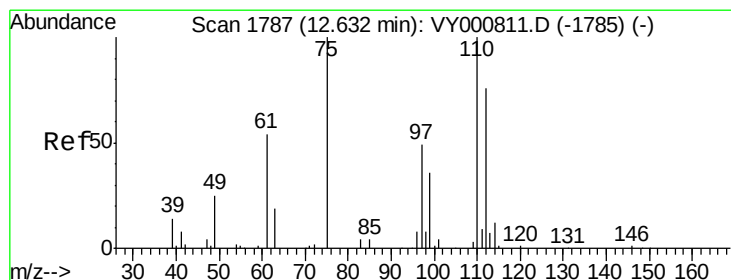
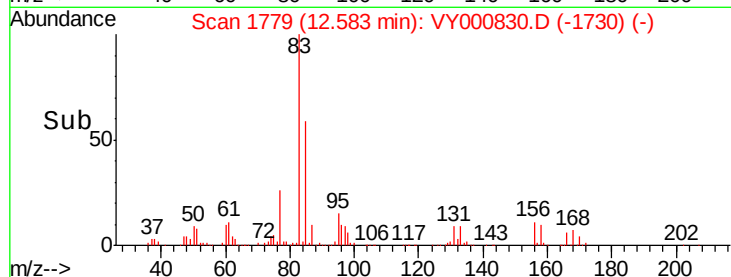
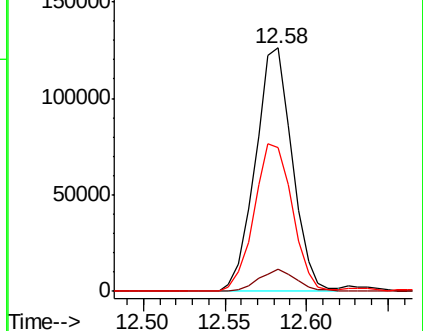
85 62.9 32.4 97.0



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: 102.432 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000830.D

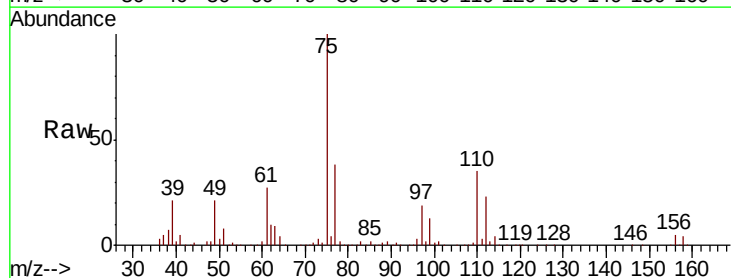
Acq: 27 Nov 2019 19:21

Tgt Ion: 75 Resp: 274488

Ion Ratio Lower Upper

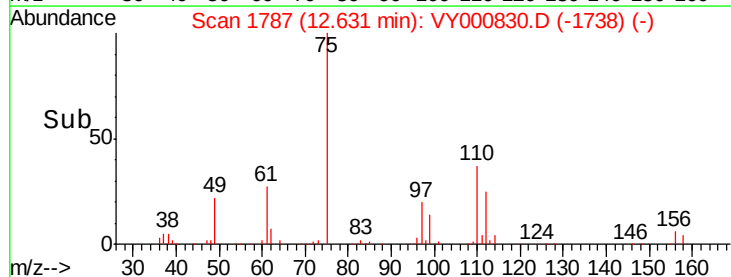
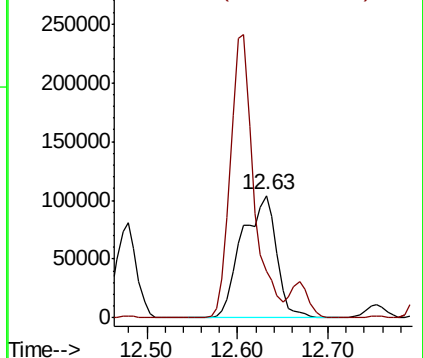
75 100

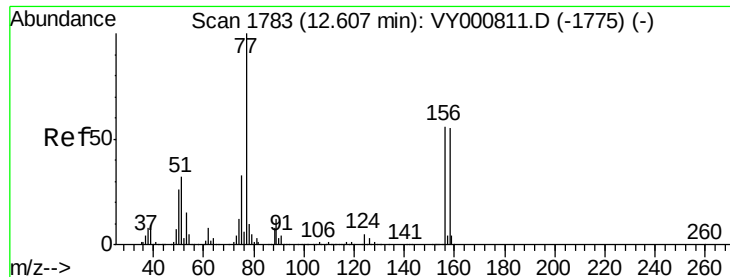
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

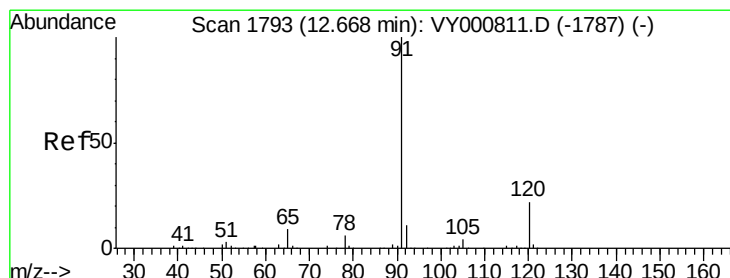
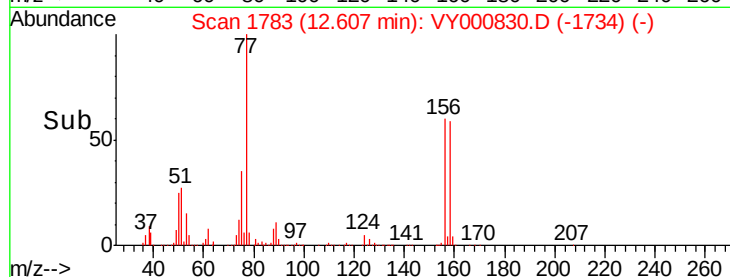
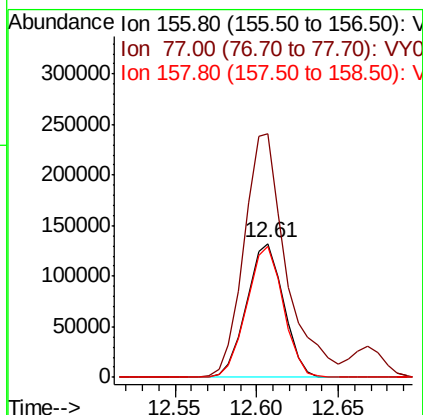
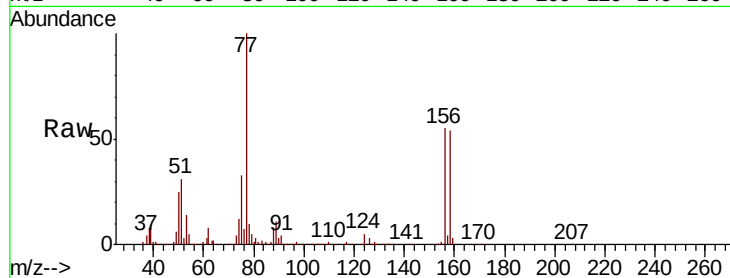




#77
Bromobenzene
Concen: 51.394 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

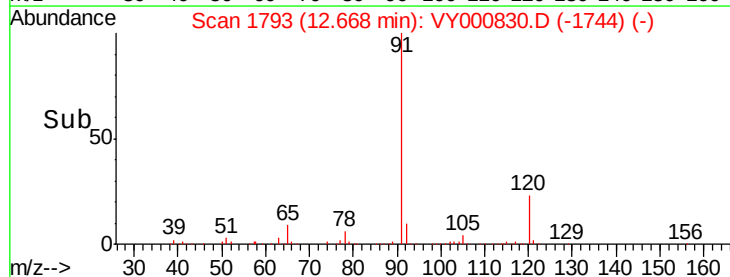
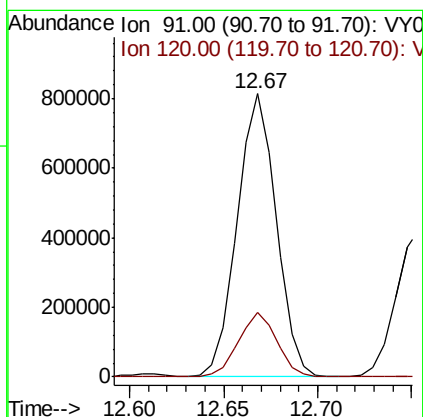
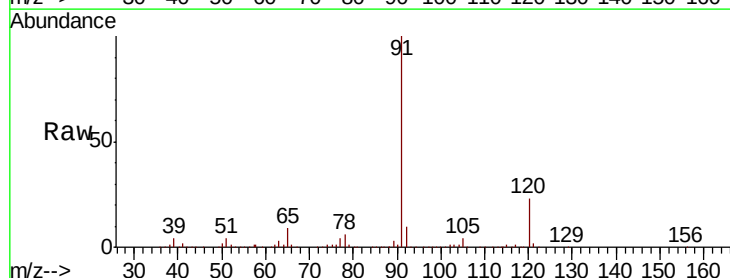
Instrument :
MSVOA_Y
ClientSampled :

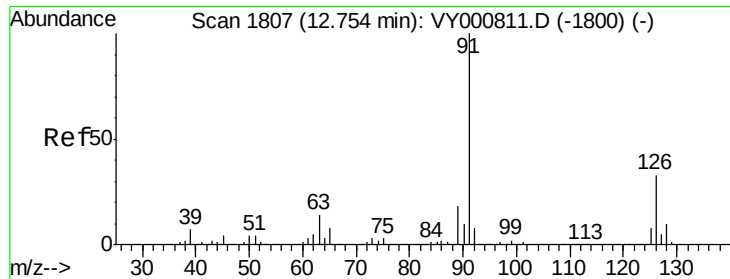
Tot Ion:156 Resp: 209795
Ion Ratio Lower Upper
156 100
77 207.0 102.6 307.7
158 96.6 47.6 142.8



#78
n-propylbenzene
Concen: 50.988 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 91 Resp: 1172421
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5

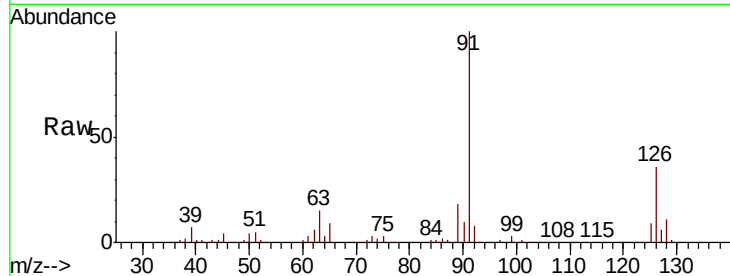




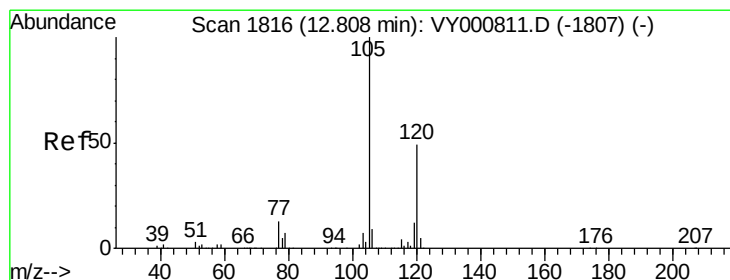
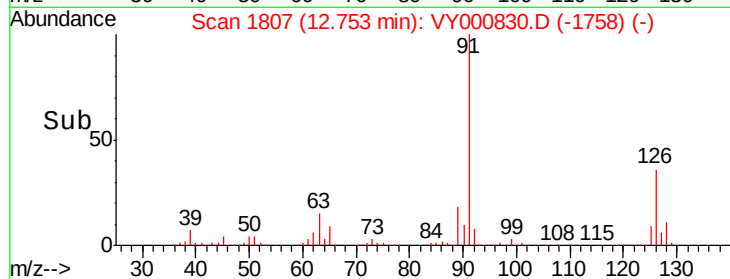
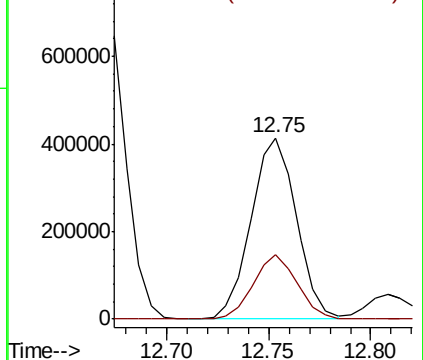
#79
 2-Chlorotoluene
 Concen: 50.320 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 91 Resp: 639223
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.0 51.0

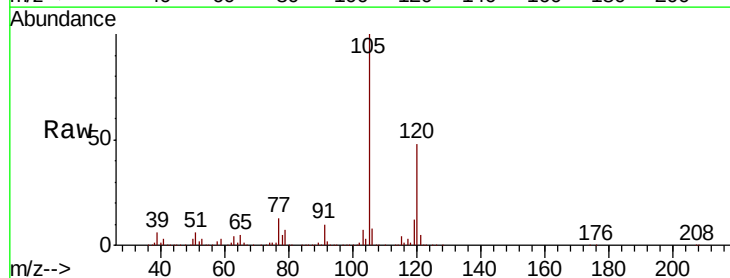


Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V

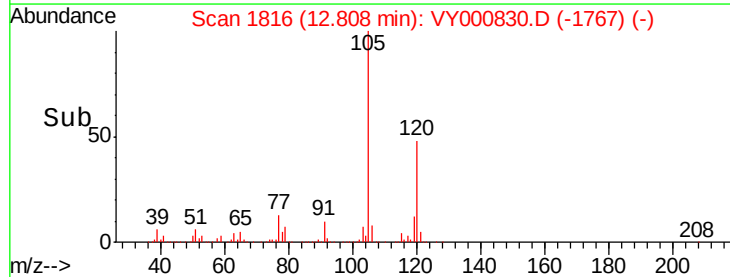
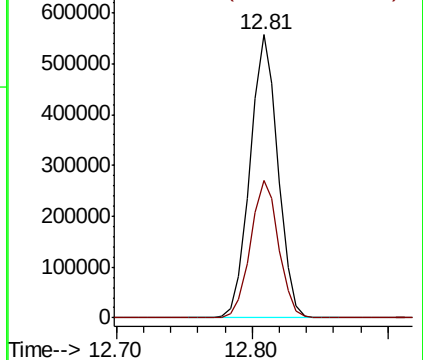


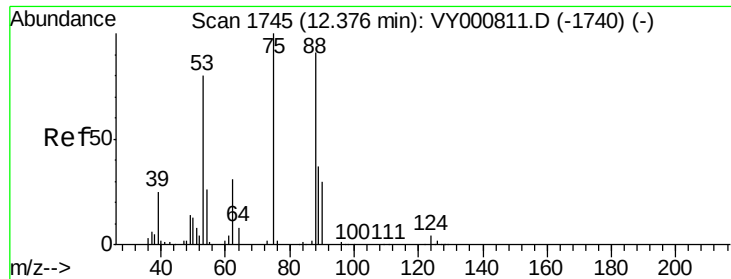
#80
 1,3,5-Trimethylbenzene
 Concen: 51.206 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion:105 Resp: 798423
 Ion Ratio Lower Upper
 105 100
 120 49.1 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: 53.766 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

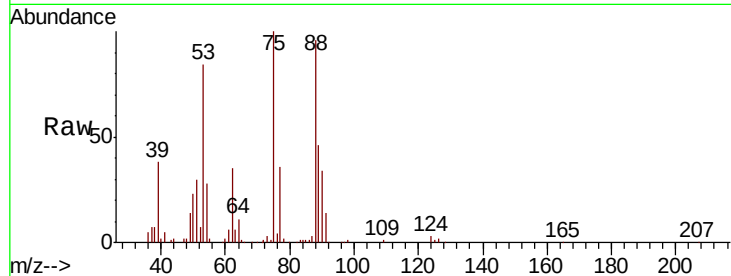
Tot Ion: 75 Resp: 73348

Ion Ratio Lower Upper

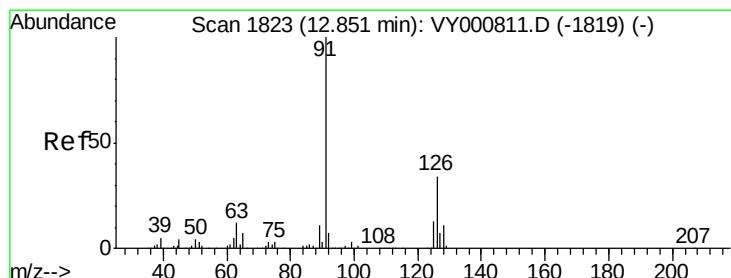
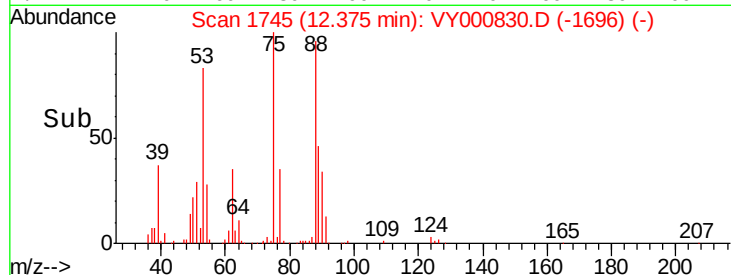
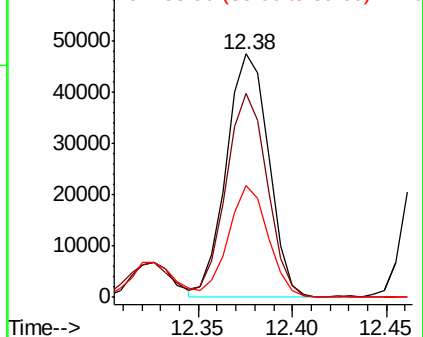
75 100

53 82.9 64.6 96.8

89 43.6 33.6 50.4



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



#82

4-Chlorotoluene

Concen: 51.093 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000830.D

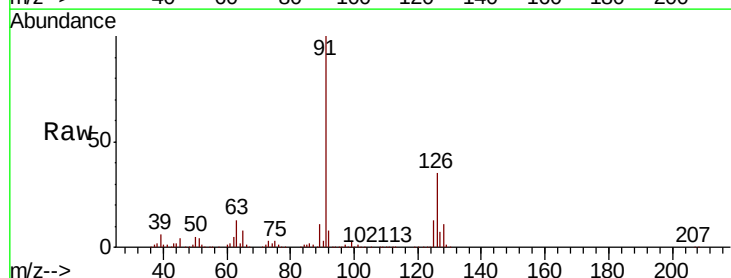
Acq: 27 Nov 2019 19:21

Tgt Ion: 91 Resp: 668684

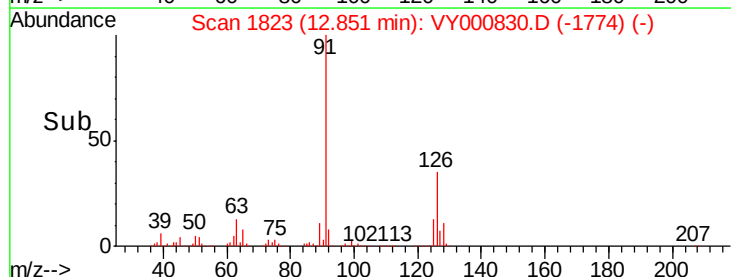
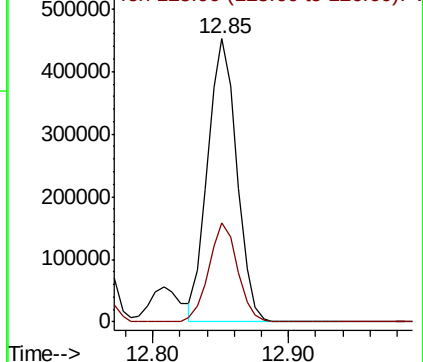
Ion Ratio Lower Upper

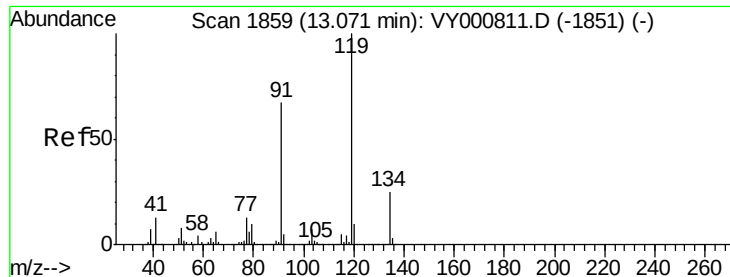
91 100

126 34.7 17.3 51.9



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

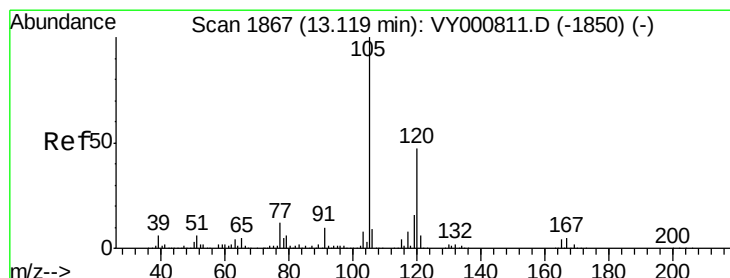
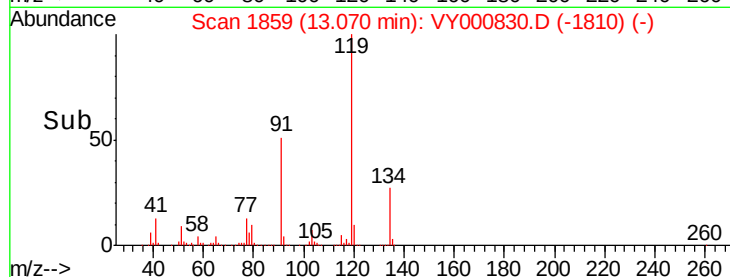
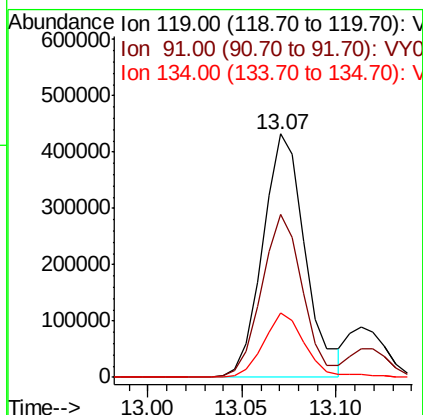
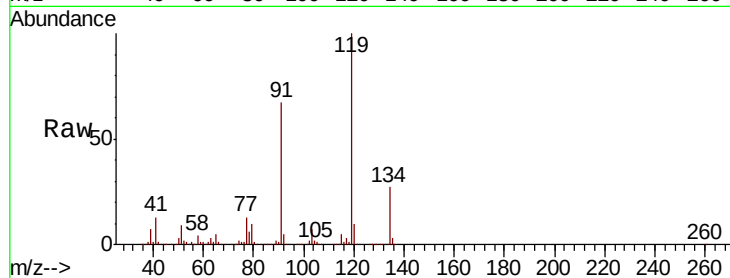




#83
 tert-Butylbenzene
 Concen: 51.481 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

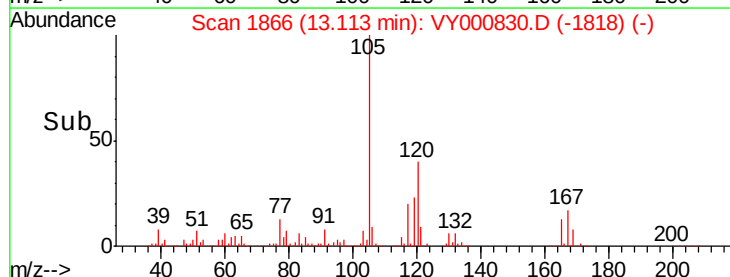
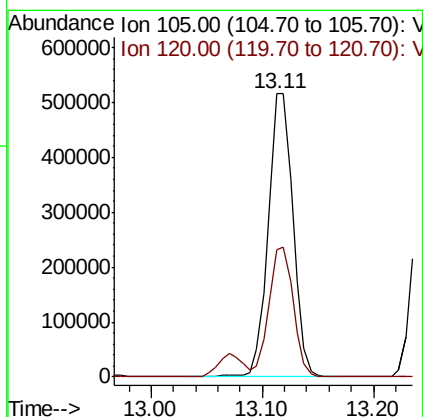
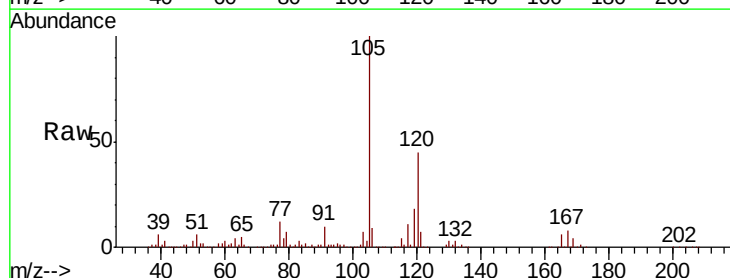
Instrument :
 MSVOA_Y
 ClientSampleId :

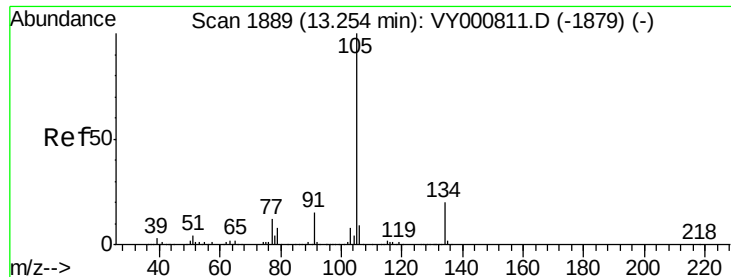
Tot Ion:119 Resp: 674879
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.3 96.8
 134 26.0 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.510 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion:105 Resp: 803546
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 51.345 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_Y

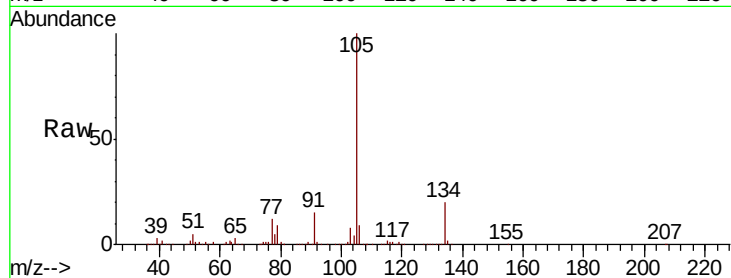
ClientSampleId :

Tot Ion:105 Resp: 978910

Ion Ratio Lower Upper

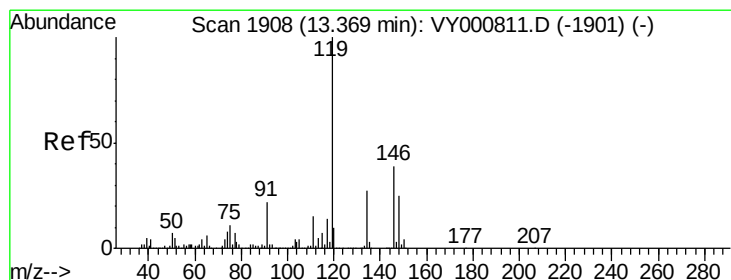
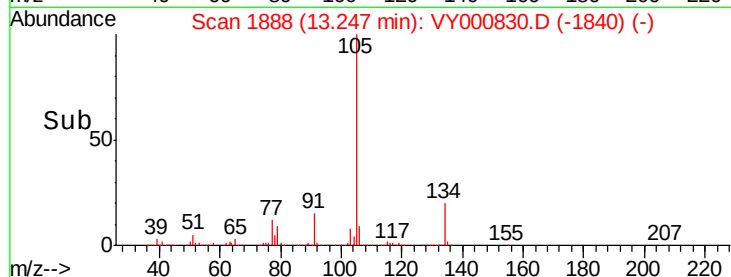
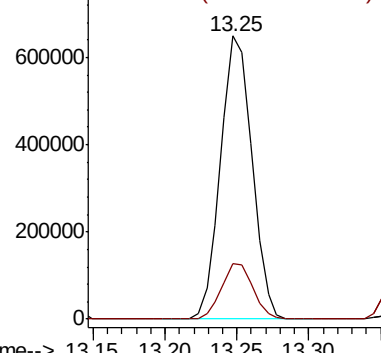
105 100

134 19.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.280 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

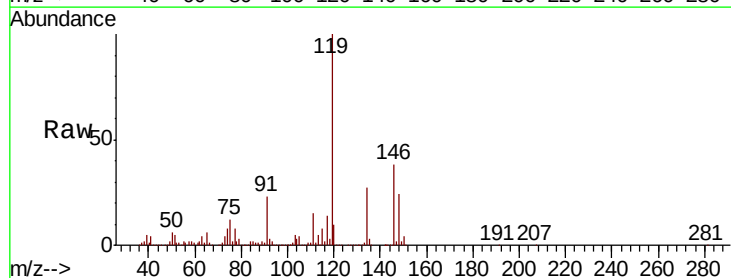
Tgt Ion:119 Resp: 850353

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

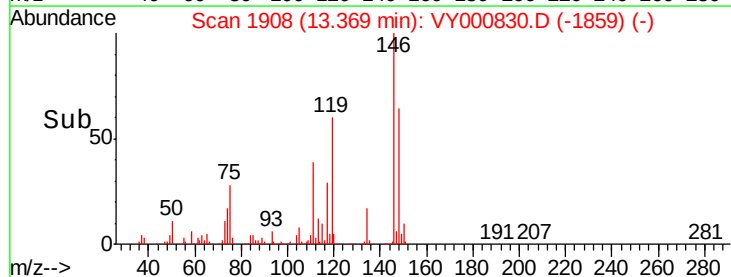
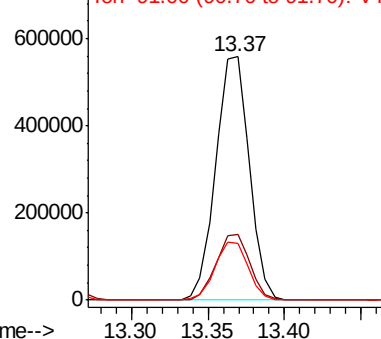
91 23.7 11.5 34.5

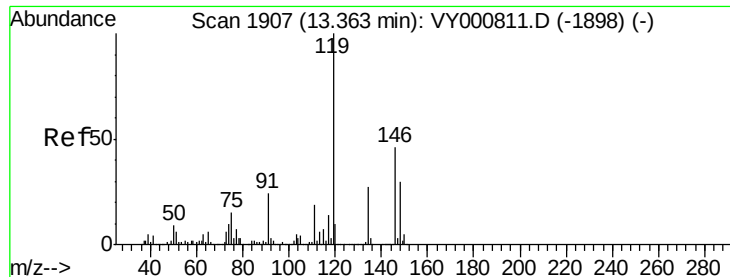


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

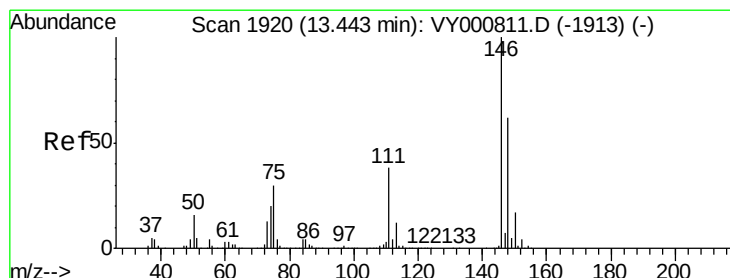
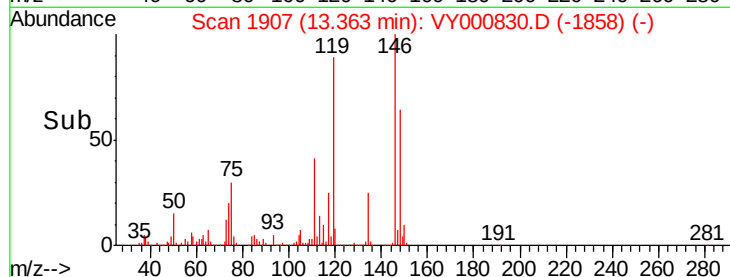
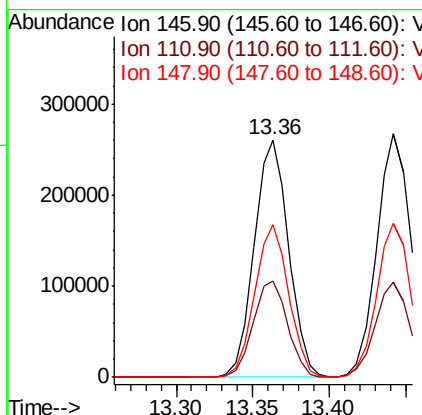
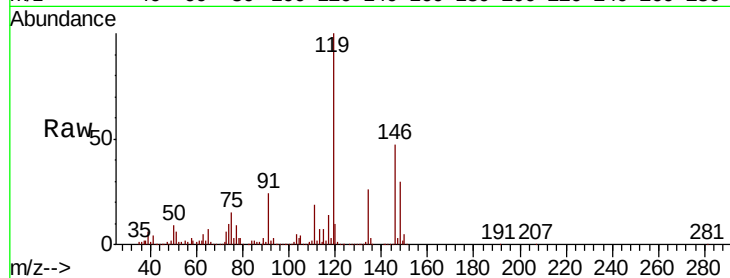




#87
 1,3-Dichlorobenzene
 Concen: 50.876 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

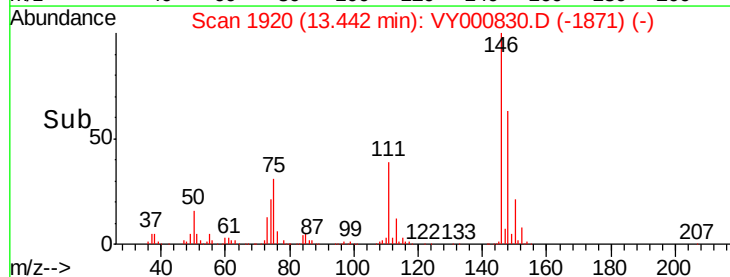
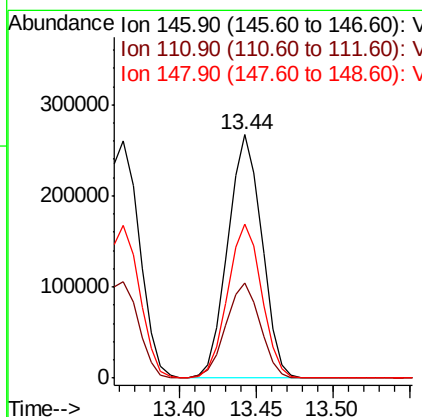
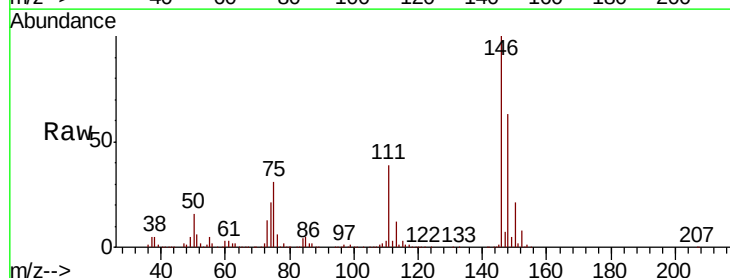
Instrument :
 MSVOA_Y
 ClientSampleId :

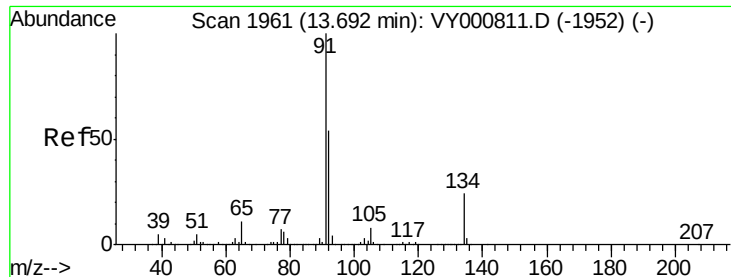
Tot Ion:146 Resp: 407408
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 60.0
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.950 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion:146 Resp: 411914
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 63.1 31.7 95.1

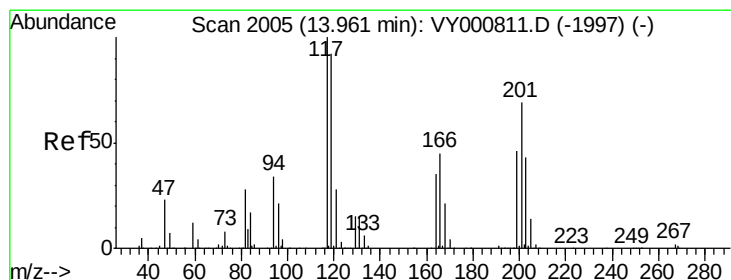
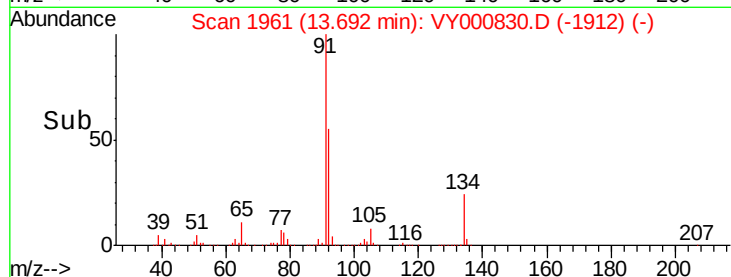
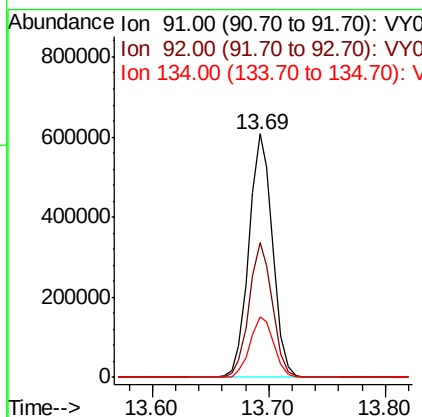
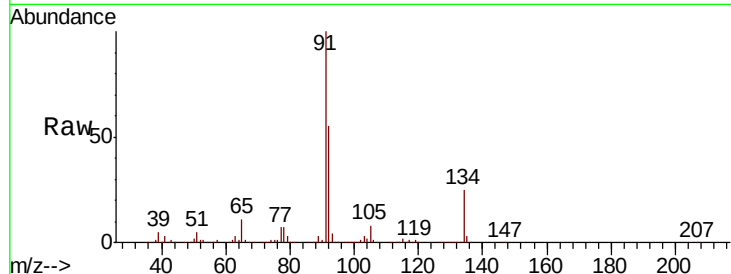




#89
n-Butylbenzene
Concen: 51.138 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

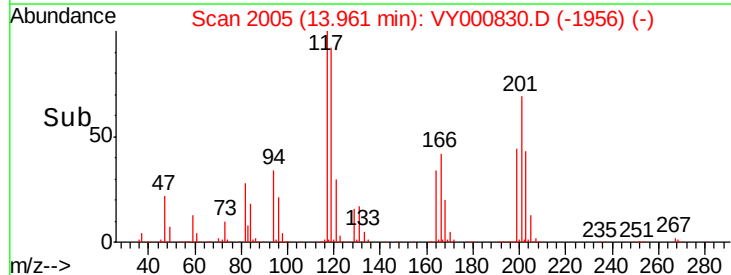
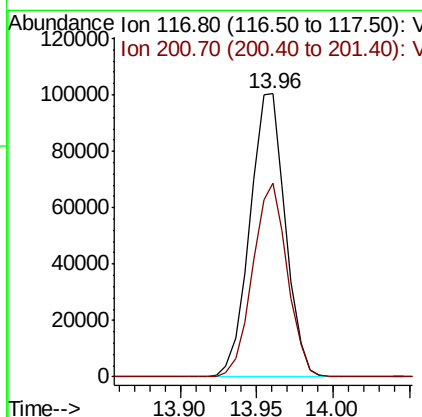
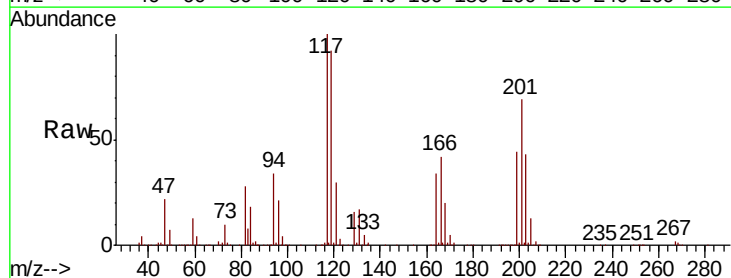
Instrument :
MSVOA_Y
ClientSampled :

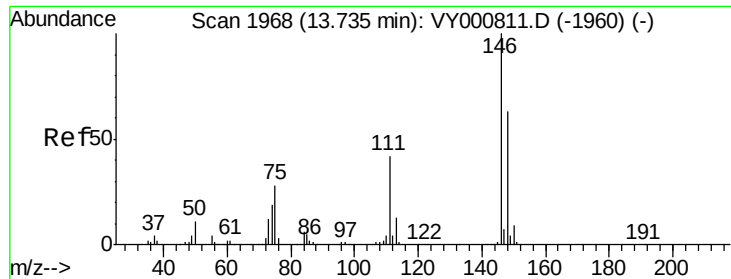
Tot Ion: 91 Resp: 857374
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 53.041 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion: 117 Resp: 162025
Ion Ratio Lower Upper
117 100
201 66.7 34.0 102.0

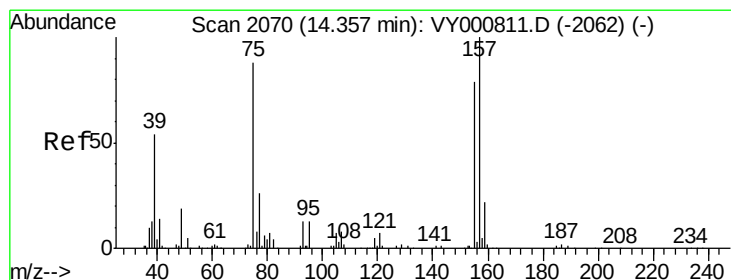
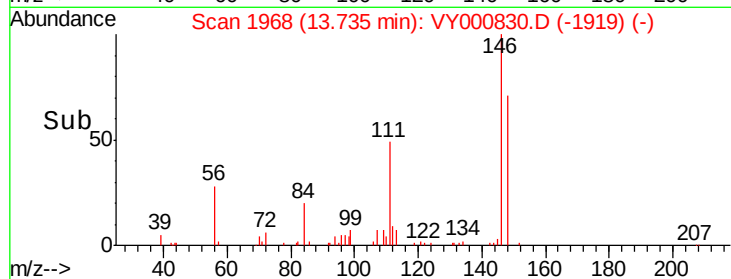
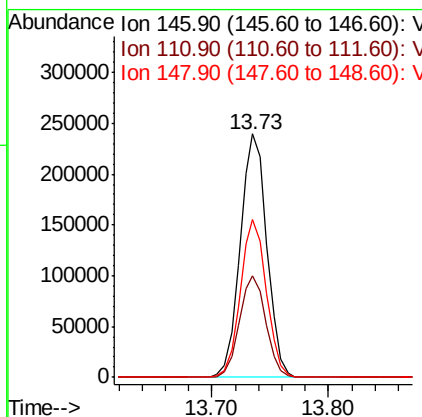
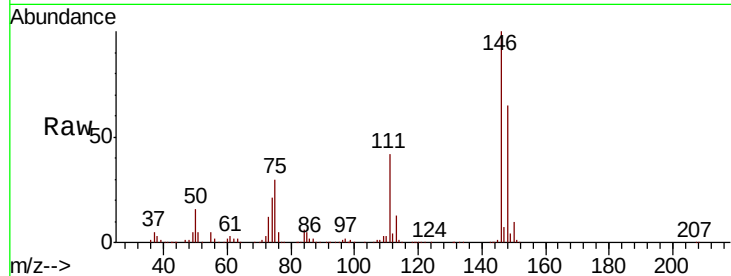




#91
 1,2-Dichlorobenzene
 Concen: 52.810 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

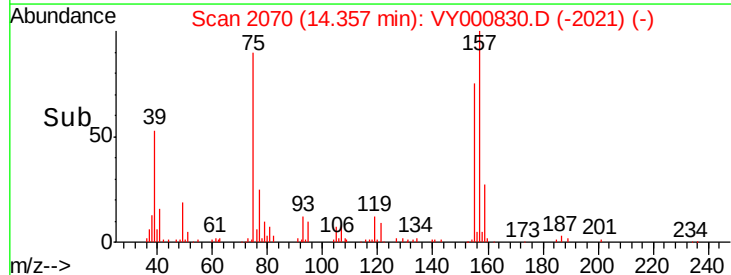
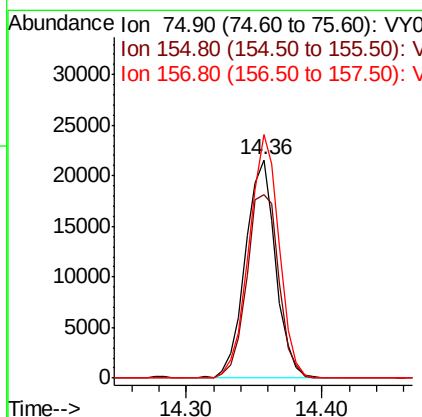
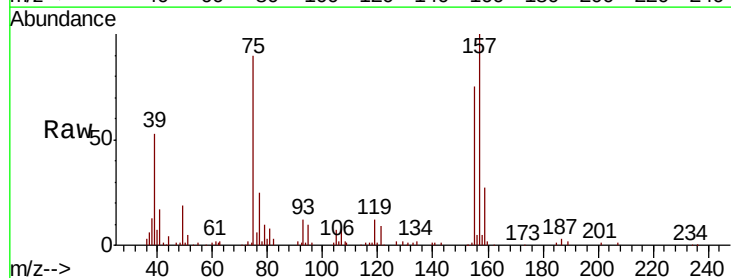
Instrument :
 MSVOA_Y
 ClientSampleId :

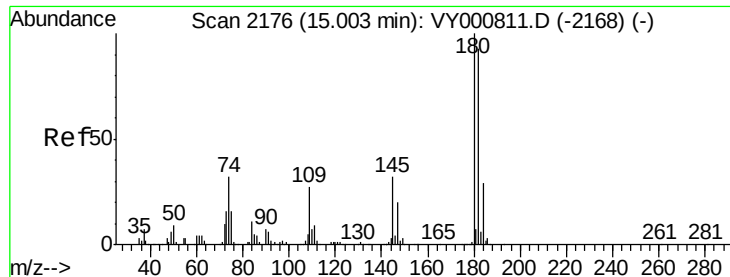
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.7
148	63.4	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.226 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000830.D
 Acq: 27 Nov 2019 19:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	44.3	132.9
157	111.0	56.3	168.9



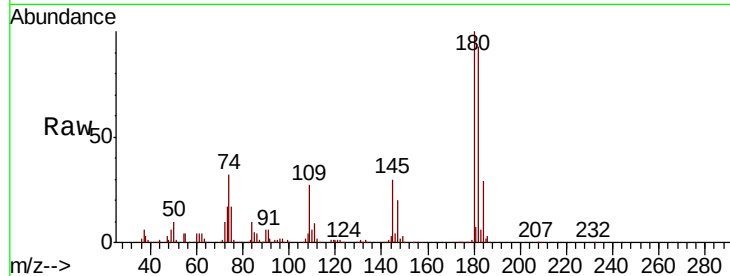


#93

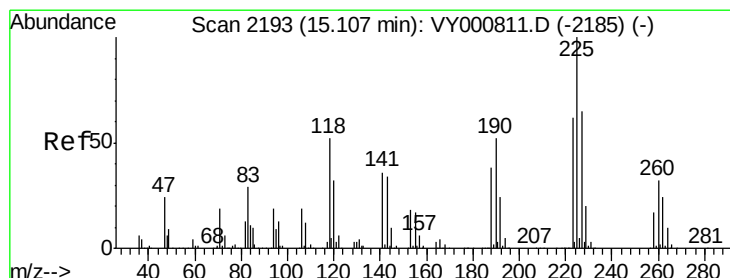
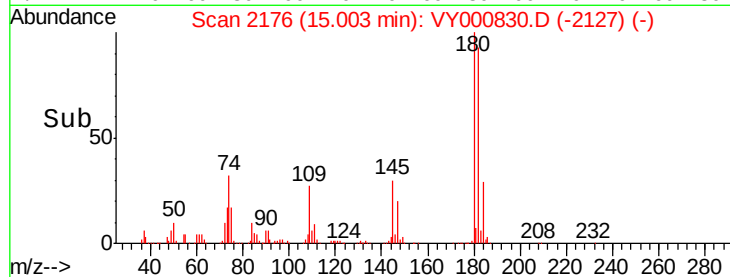
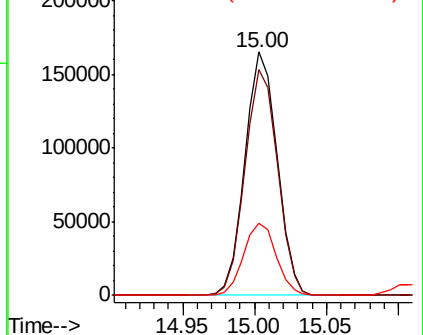
1,2,4-Trichlorobenzene
Concen: 52.412 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	141.9
145	30.0	16.0	47.9



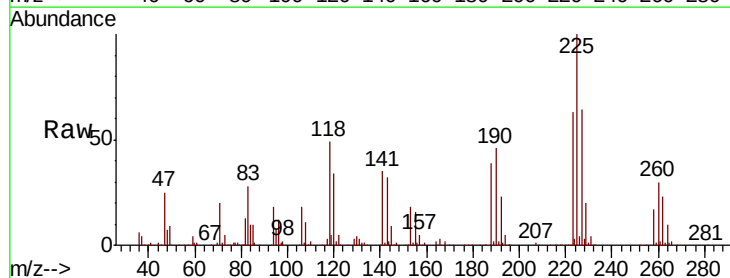
Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



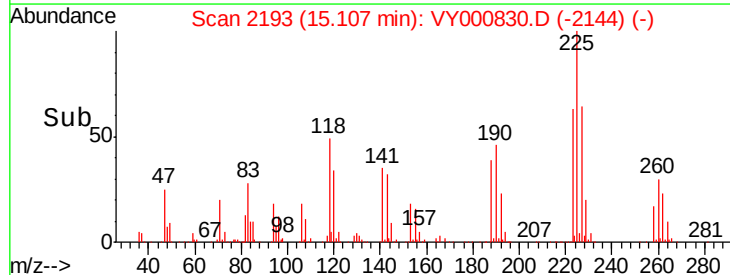
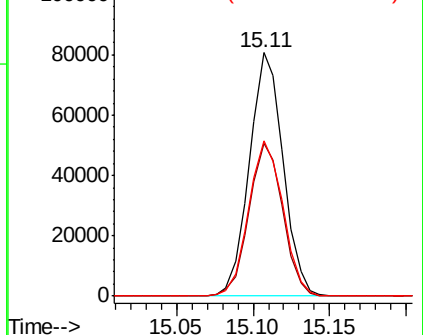
#94

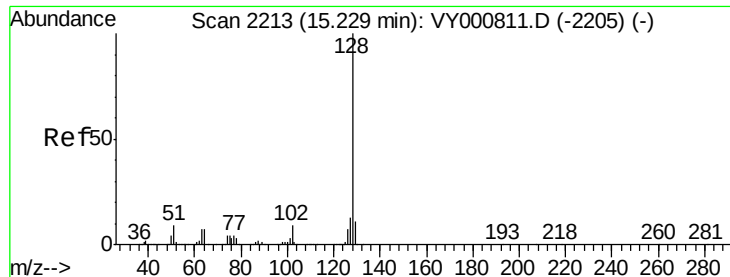
Hexachlorobutadiene
Concen: 51.239 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VY000830.D
Acq: 27 Nov 2019 19:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.4	94.3
227	64.8	31.8	95.3



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





#95

Naphthalene

Concen: 54.334 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

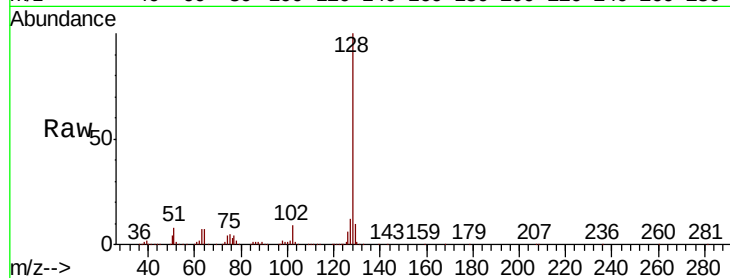
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:128 Resp: 614923

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.8	8.8	13.2

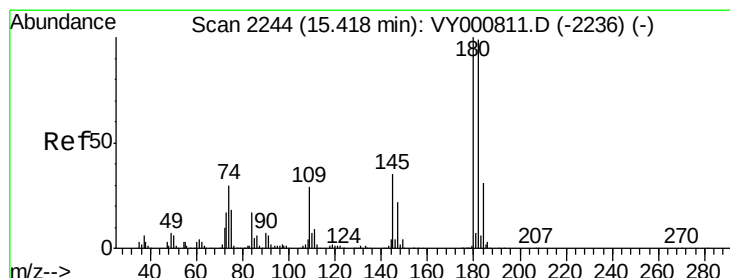
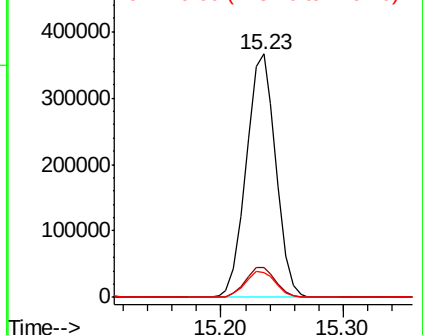
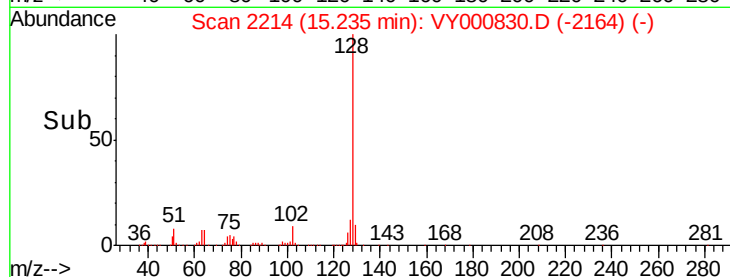


Abundance

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: 53.198 ug/l

RT: 15.42 min Scan# 2244

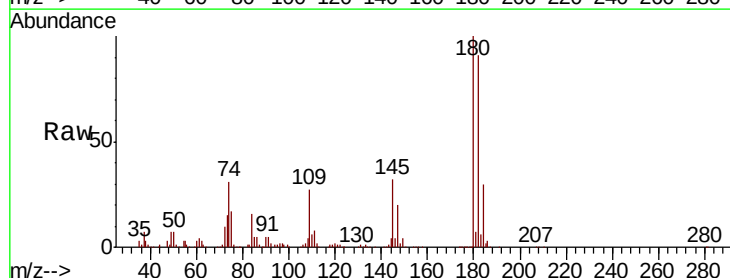
Delta R.T. -0.00 min

Lab File: VY000830.D

Acq: 27 Nov 2019 19:21

Tgt Ion:180 Resp: 231607

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	32.5	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

