

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000906.D
 Acq On : 09 Dec 2019 11:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:22:38 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	340946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	600237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	528044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245081	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	176545	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
35) Dibromofluoromethane	7.72	113	176096	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.17	98	711926	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	248174	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	156950	42.764	ug/l	100
3) Chloromethane	2.12	50	192250	42.494	ug/l	99
4) Vinyl Chloride	2.25	62	196672	44.110	ug/l	99
5) Bromomethane	2.65	94	121229	44.597	ug/l	95
6) Chloroethane	2.79	64	124885	45.683	ug/l	99
7) Trichlorofluoromethane	3.13	101	297880	48.749	ug/l	96
8) Diethyl Ether	3.53	74	116548	50.676	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	188513	49.957	ug/l	98
10) Methyl Iodide	4.09	142	251707	52.980	ug/l	98
11) Tert butyl alcohol	4.96	59	85416	234.347	ug/l	100
12) 1,1-Dichloroethene	3.87	96	189932	50.807	ug/l	92
13) Acrolein	3.73	56	82682	230.285	ug/l	99
14) Allyl chloride	4.48	41	312387	48.735	ug/l	95
15) Acrylonitrile	5.17	53	289369	243.662	ug/l	98
16) Acetone	3.95	43	166971	200.910	ug/l	98
17) Carbon Disulfide	4.19	76	589546	48.761	ug/l	99
18) Methyl Acetate	4.48	43	162871	46.870	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	508351	50.918	ug/l	98
20) Methylene Chloride	4.72	84	218273	49.825	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	211754	49.836	ug/l	98
22) Diisopropyl ether	6.13	45	624042	47.368	ug/l #	97
23) Vinyl Acetate	6.07	43	1908366	238.274	ug/l	98
24) 1,1-Dichloroethane	6.02	63	362233	49.886	ug/l	99
25) 2-Butanone	6.99	43	342218	222.912	ug/l	99
26) 2,2-Dichloropropane	6.99	77	304121	49.763	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	234549	51.067	ug/l	98
28) Bromochloromethane	7.34	49	146058	54.665	ug/l	97
29) Tetrahydrofuran	7.35	42	238076	234.024	ug/l	98
30) Chloroform	7.51	83	342707	47.048	ug/l	96
31) Cyclohexane	7.79	56	354880	46.136	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	299213	49.745	ug/l	99
36) 1,1-Dichloropropene	7.93	75	289313	48.476	ug/l	100
37) Ethyl Acetate	7.08	43	156793	45.499	ug/l	99
38) Carbon Tetrachloride	7.91	117	264725	49.807	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	379963	48.053	ug/l	98
40) Benzene	8.16	78	850299	48.912	ug/l	100
41) Methacrylonitrile	7.35	41	206411	113.645	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	214622	46.944	ug/l	100
43) Isopropyl Acetate	8.28	43	296292	45.625	ug/l	98
44) Trichloroethene	8.94	130	223393	50.002	ug/l	97
45) 1,2-Dichloropropane	9.22	63	218600	50.062	ug/l	91
46) Dibromomethane	9.30	93	113716	49.842	ug/l	100
47) Bromodichloromethane	9.50	83	268060	50.014	ug/l	97
48) Methyl methacrylate	9.29	41	129544	45.364	ug/l	93
49) 1,4-Dioxane	9.30	88	30340	938.523	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	778879	232.131	ug/l	99
52) Toluene	10.24	92	534785	49.685	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	291687	50.656	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	340064	49.964	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	168496	49.987	ug/l	97
56) Ethyl methacrylate	10.50	69	247237	51.272	ug/l	96
57) 1,3-Dichloropropane	10.79	76	293137	49.896	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	471714	242.613	ug/l	100
59) 2-Hexanone	10.83	43	574457	234.955	ug/l	98
60) Dibromochloromethane	10.98	129	186935	51.516	ug/l	99
61) 1,2-Dibromoethane	11.08	107	161370	50.797	ug/l	99
64) Tetrachloroethene	10.72	164	229122	49.942	ug/l	94
65) Chlorobenzene	11.51	112	554065	50.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.58	131	191575	51.791	ug/l	99
67) Ethyl Benzene	11.59	91	1022284	50.009	ug/l	99
68) m/p-Xylenes	11.70	106	764519	99.641	ug/l	99
69) o-Xylene	12.02	106	362521	50.674	ug/l	98
70) Styrene	12.04	104	620207	50.630	ug/l	99
71) Bromoform	12.20	173	108804	52.153	ug/l #	100
73) Isopropylbenzene	12.33	105	976963	50.065	ug/l	100
74) N-amyl acetate	12.14	43	266660	49.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	186941	48.620	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	260825	93.932	ug/l #	100
77) Bromobenzene	12.60	156	213565	50.489	ug/l	98
78) n-propylbenzene	12.67	91	1187593	49.843	ug/l	99
79) 2-Chlorotoluene	12.75	91	646510	49.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	804141	49.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	73050	51.676	ug/l	96
82) 4-Chlorotoluene	12.85	91	684209	50.452	ug/l	100
83) tert-Butylbenzene	13.07	119	681711	50.185	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	804137	49.746	ug/l	99
85) sec-Butylbenzene	13.25	105	1004281	50.835	ug/l	99
86) p-Isopropyltoluene	13.36	119	869567	50.606	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	415512	50.075	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	419126	51.013	ug/l	100
89) n-Butylbenzene	13.69	91	885887	50.992	ug/l	100
90) Hexachloroethane	13.95	117	167875	53.035	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	379028	50.782	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31723	49.282	ug/l	99

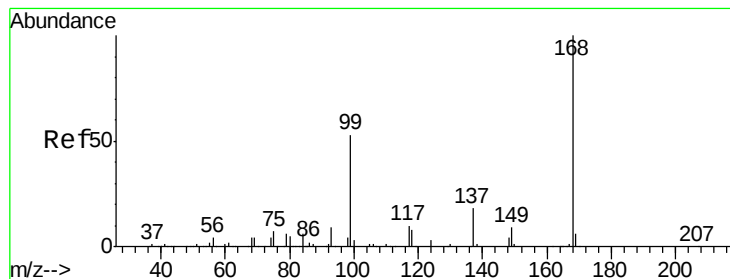
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	263306	52.134	ug/l	99
94) Hexachlorobutadiene	15.11	225	126996	50.716	ug/l	99
95) Naphthalene	15.23	128	602760	51.398	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	238007	52.758	ug/l	98

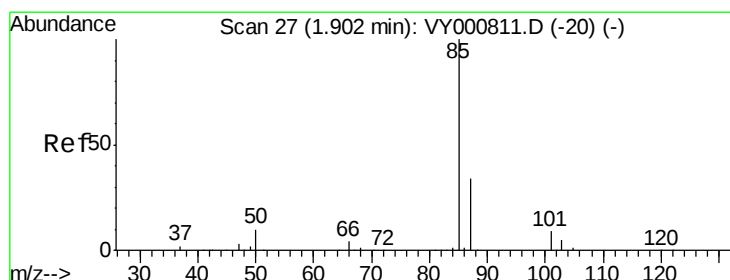
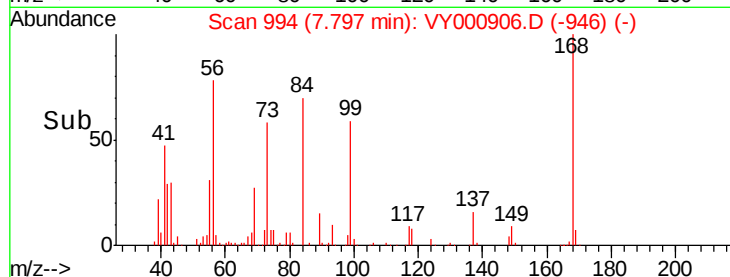
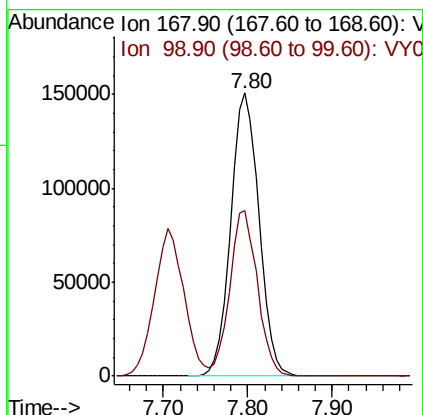
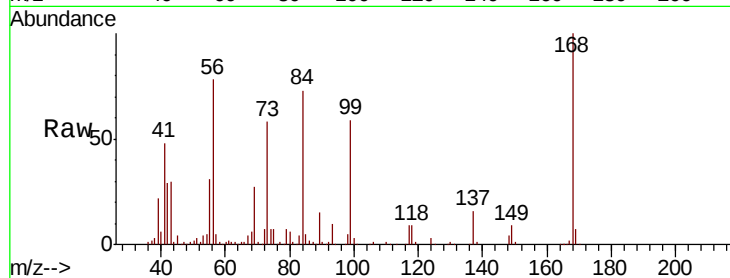
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

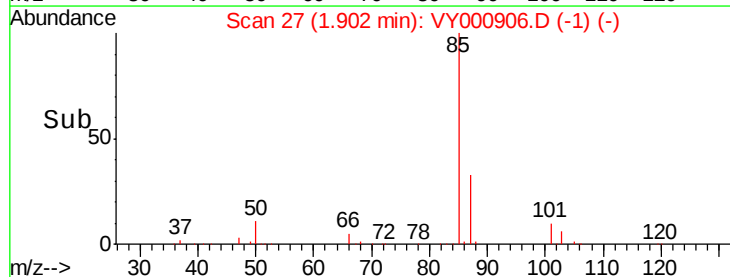
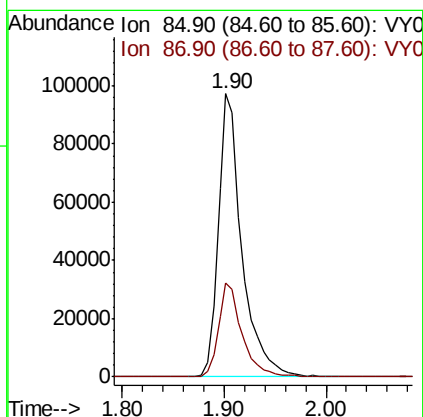
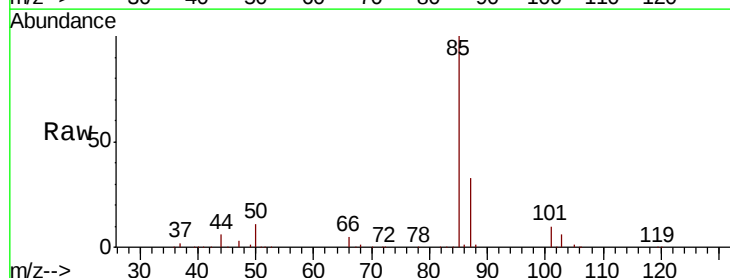
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 340946
Ion Ratio Lower Upper
168 100
99 58.5 45.0 67.6



#2
Dichlorodifluoromethane
Concen: 42.764 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 85 Resp: 156950
Ion Ratio Lower Upper
85 100
87 33.2 16.8 50.3





#3

Chloromethane

Concen: 42.494 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

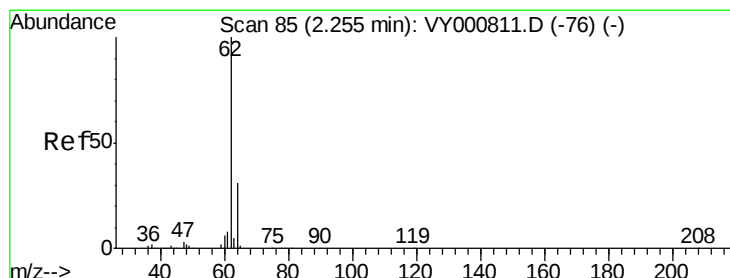
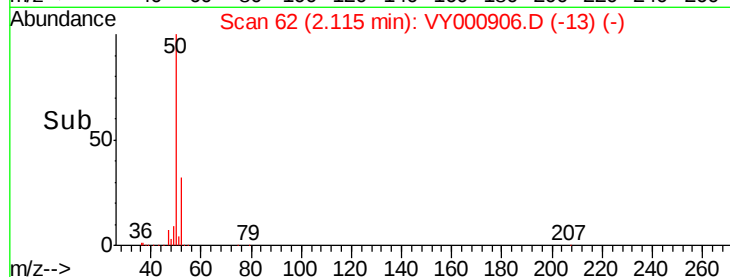
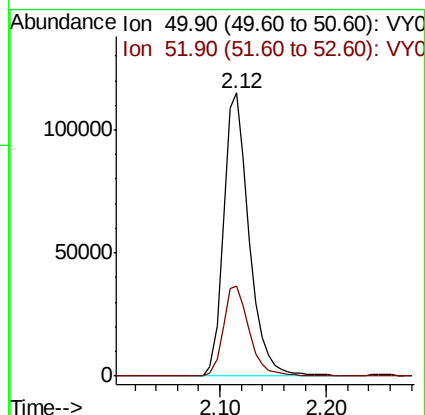
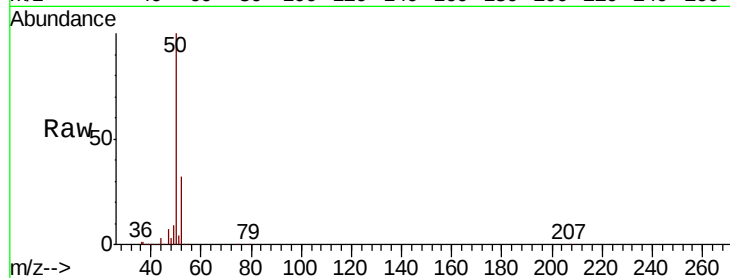
ClientSampleId :

Tot Ion: 50 Resp: 192250

Ion Ratio Lower Upper

50 100

52 31.9 26.0 39.0



#4

Vinyl Chloride

Concen: 44.110 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000906.D

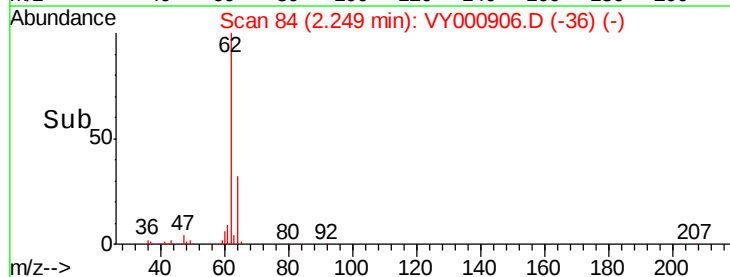
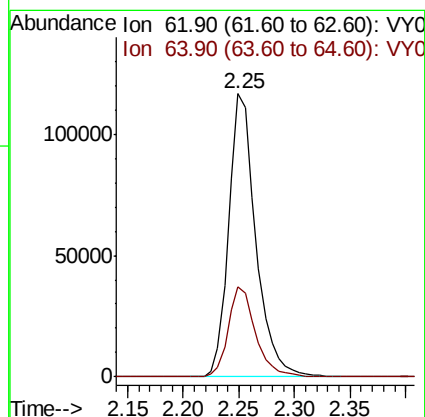
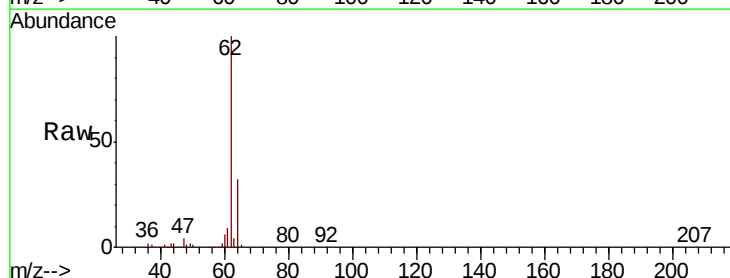
Acq: 09 Dec 2019 11:00

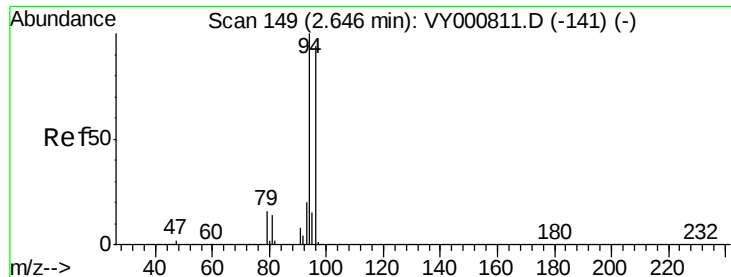
Tgt Ion: 62 Resp: 196672

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 44.597 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

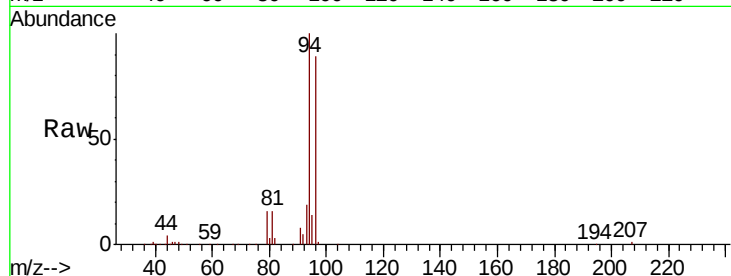
ClientSampleId :

Tot Ion: 94 Resp: 121229

Ion Ratio Lower Upper

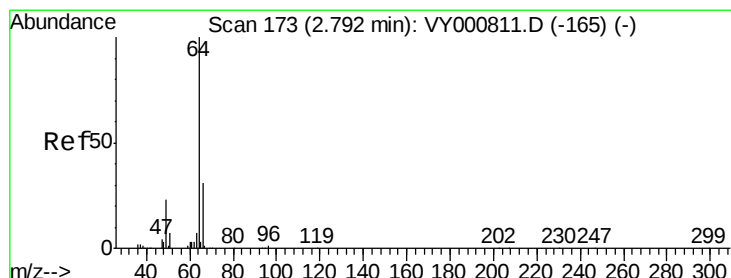
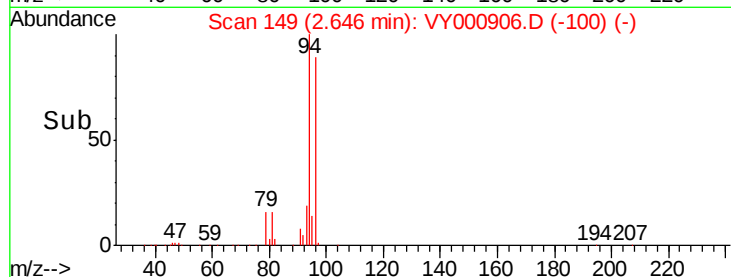
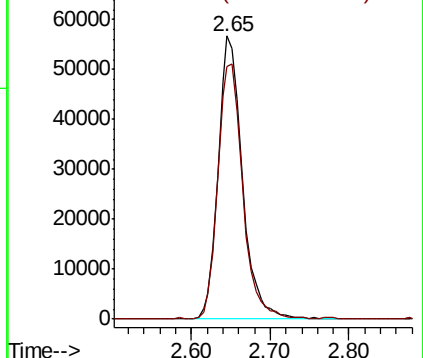
94 100

96 89.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.683 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000906.D

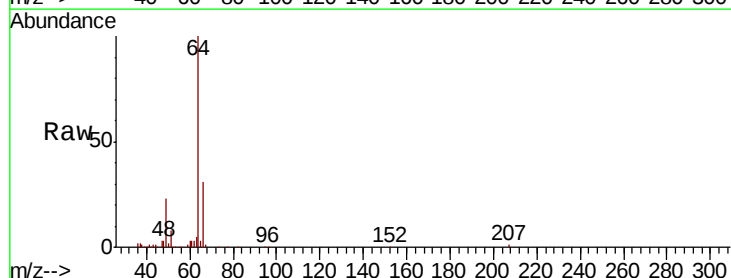
Acq: 09 Dec 2019 11:00

Tgt Ion: 64 Resp: 124885

Ion Ratio Lower Upper

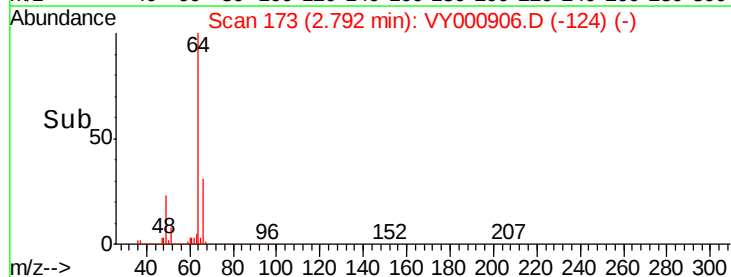
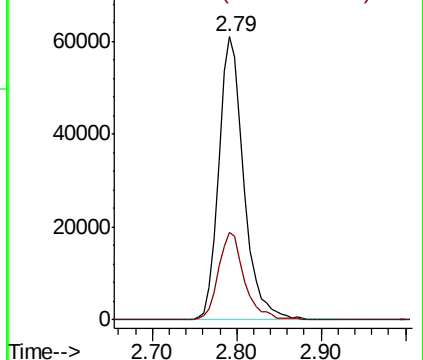
64 100

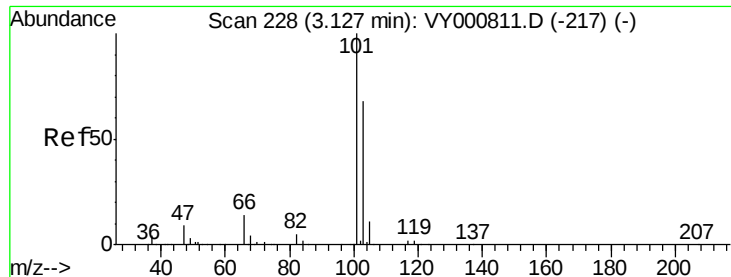
66 30.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



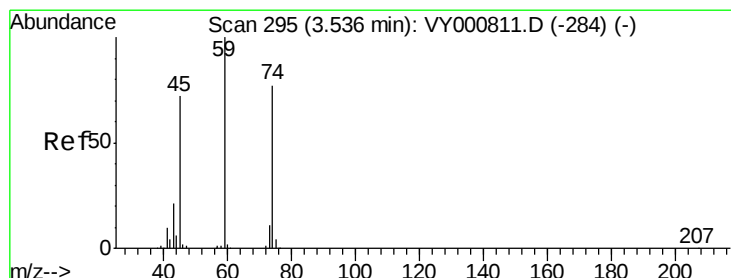
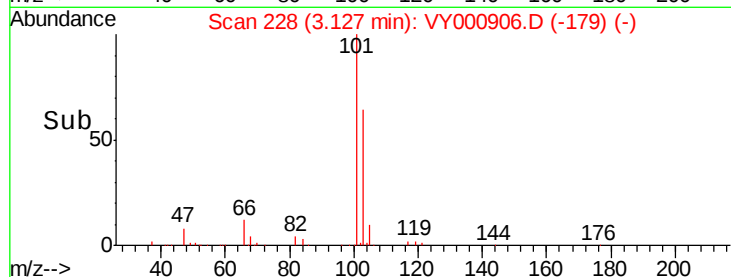
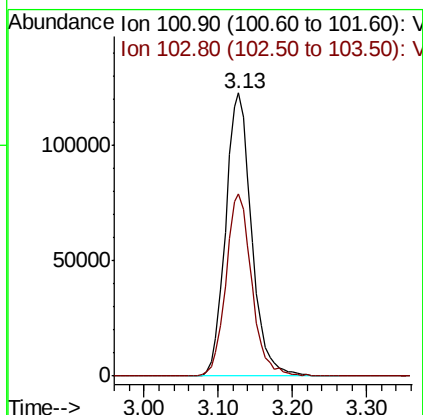
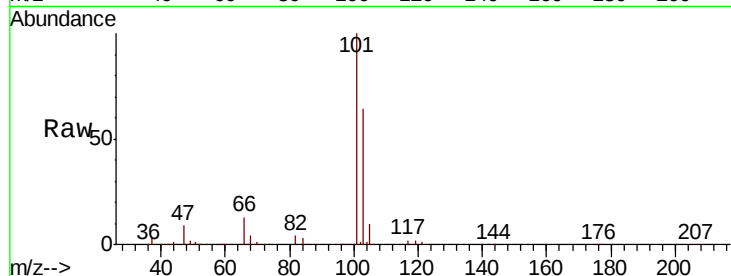


#7

Trichlorofluoromethane
 Concen: 48.749 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Instrument :
 MSVOA_Y
 ClientSampled :

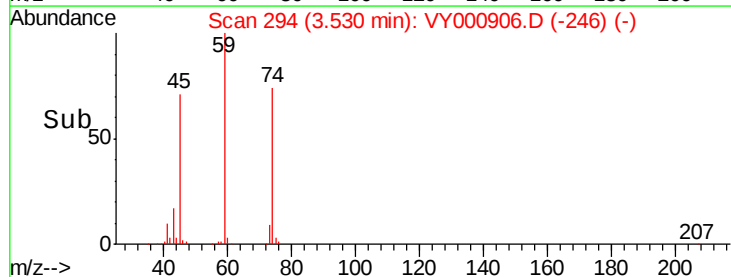
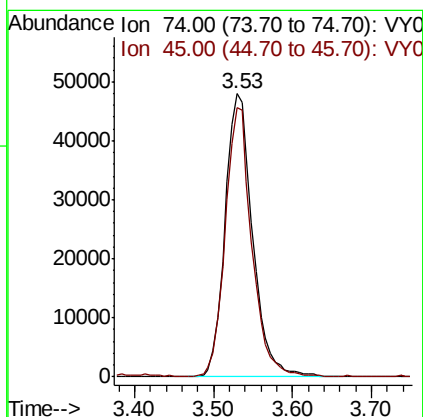
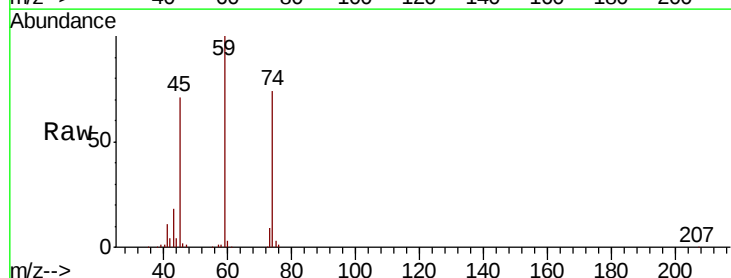
Tot Ion:101 Resp: 297880
 Ion Ratio Lower Upper
 101 100
 103 64.4 54.2 81.2

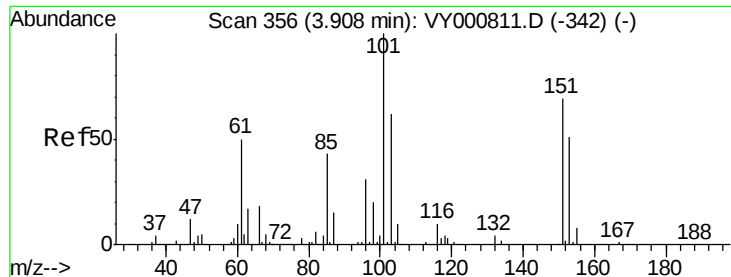


#8

Diethyl Ether
 Concen: 50.676 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion: 74 Resp: 116548
 Ion Ratio Lower Upper
 74 100
 45 92.4 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.957 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampleId :

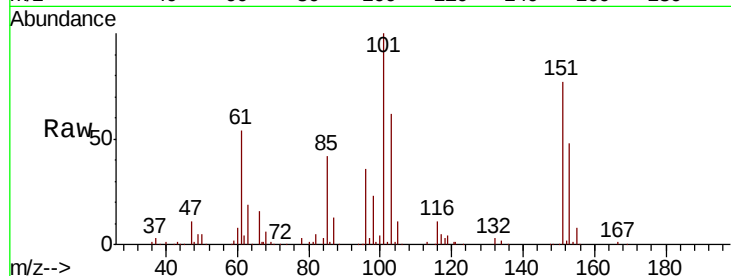
Tot Ion:101 Resp: 188513

Ion Ratio Lower Upper

101 100

85 43.4 36.0 54.0

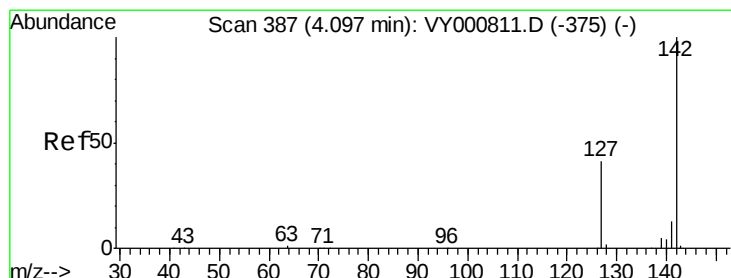
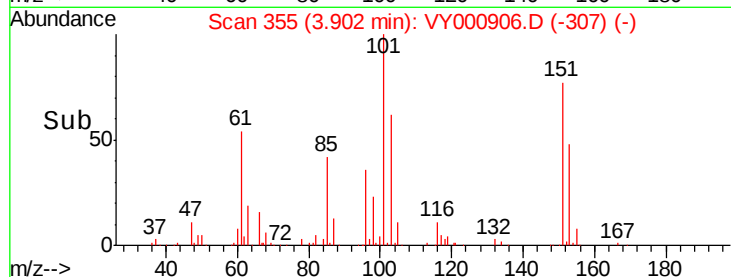
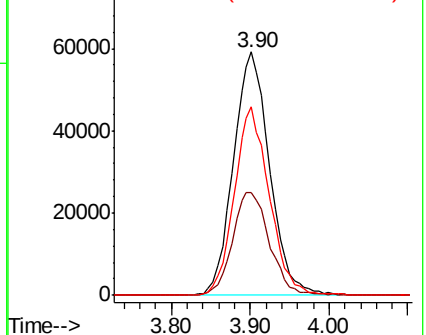
151 74.5 58.2 87.2



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: 52.980 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

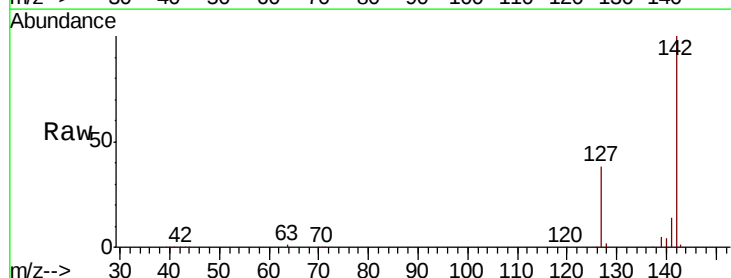
Tgt Ion:142 Resp: 251707

Ion Ratio Lower Upper

142 100

127 41.1 33.8 50.8

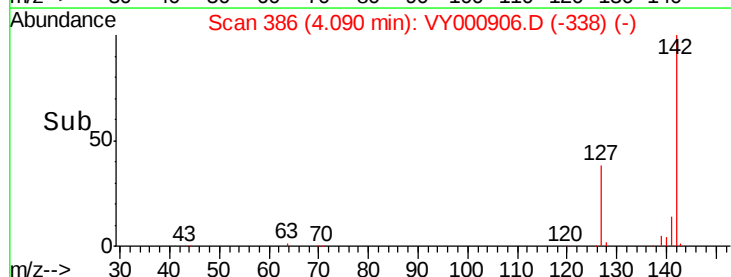
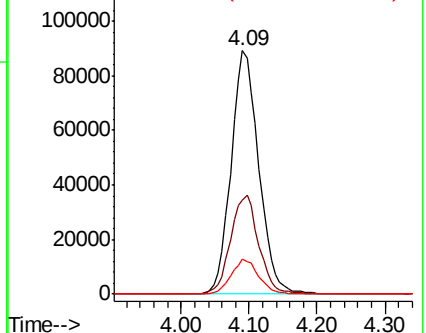
141 14.3 10.9 16.3

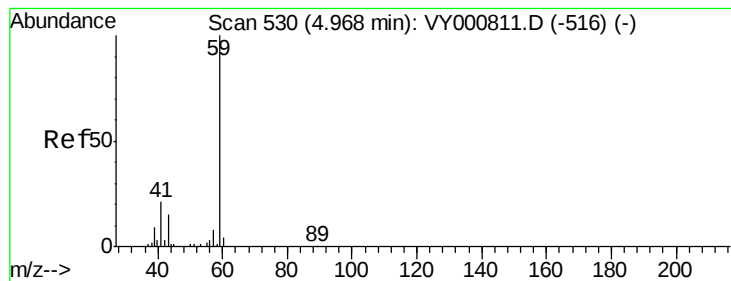


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



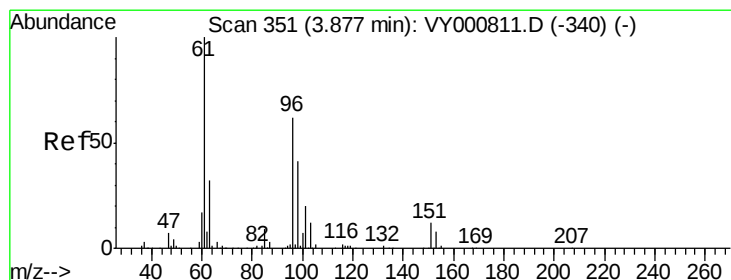
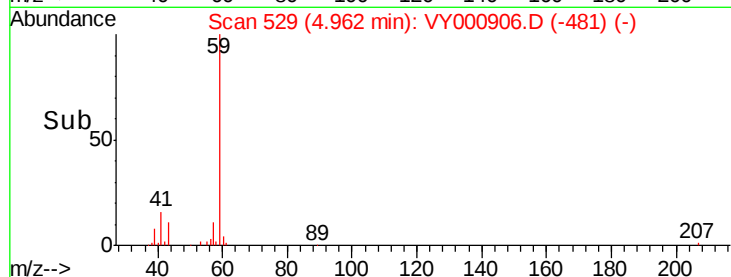
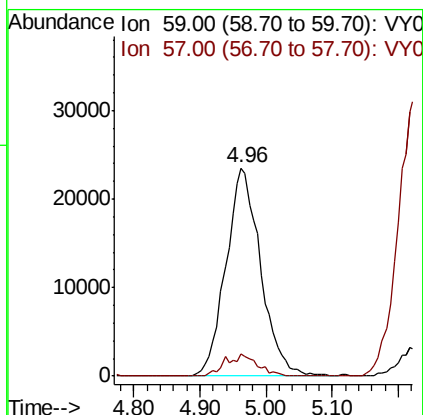
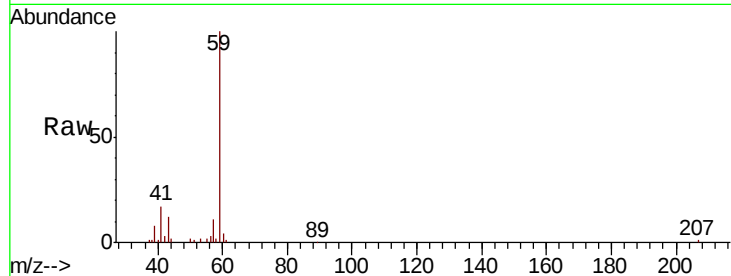


#11

Tert butyl alcohol
 Concen: 234.347 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :

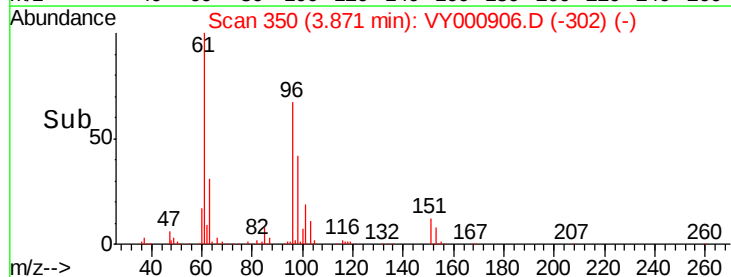
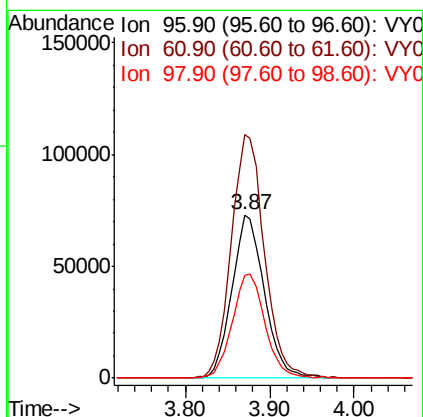
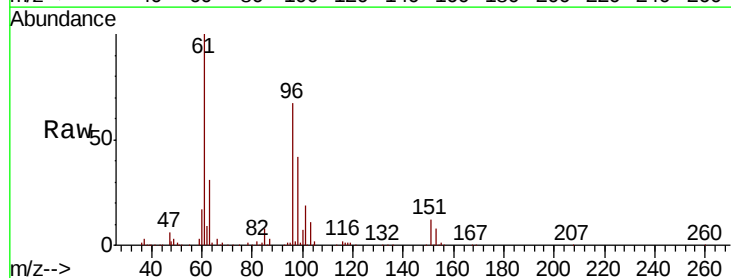
Tot Ion: 59 Resp: 85416
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

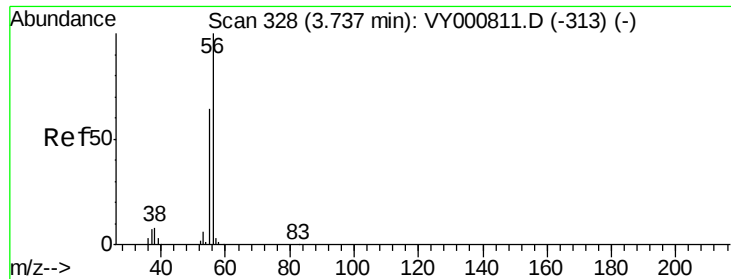


#12

1,1-Dichloroethene
 Concen: 50.807 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion: 96 Resp: 189932
 Ion Ratio Lower Upper
 96 100
 61 148.9 129.4 194.2
 98 63.0 53.4 80.0





#13

Acrolein

Concen: 230.285 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

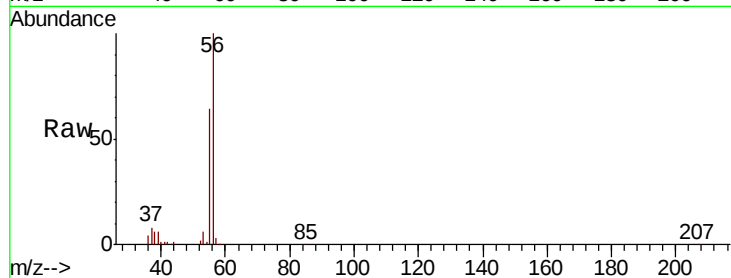
ClientSampleId :

Tot Ion: 56 Resp: 82682

Ion Ratio Lower Upper

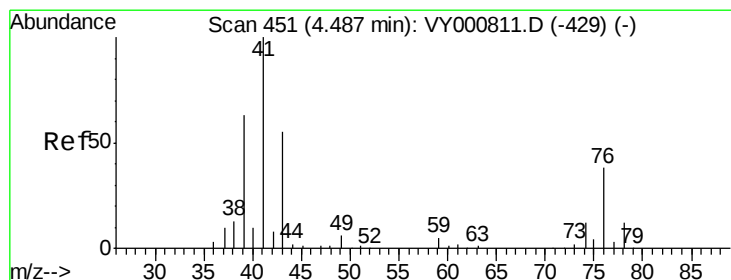
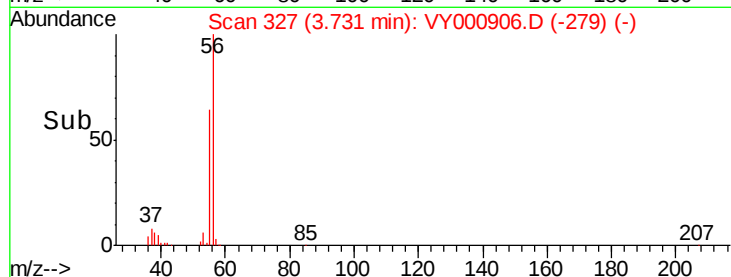
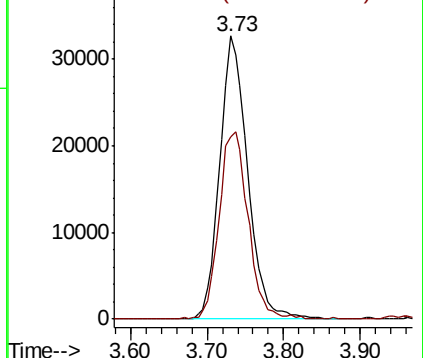
56 100

55 68.9 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 48.735 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

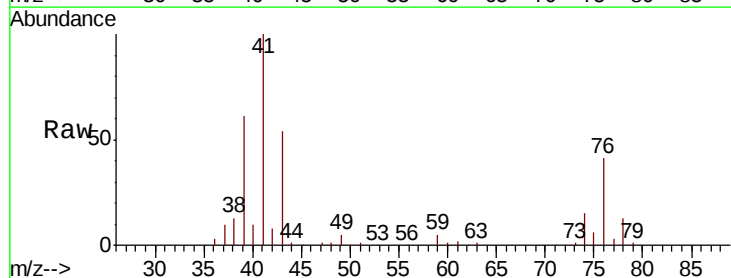
Tgt Ion: 41 Resp: 312387

Ion Ratio Lower Upper

41 100

39 57.6 49.2 73.8

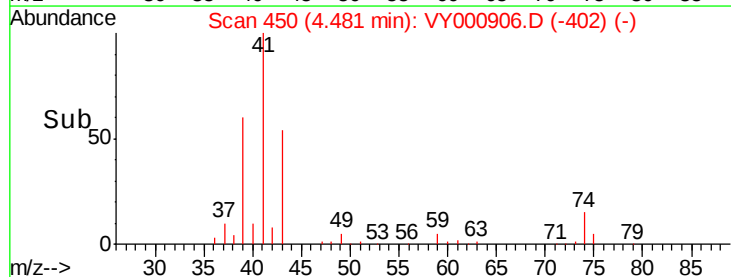
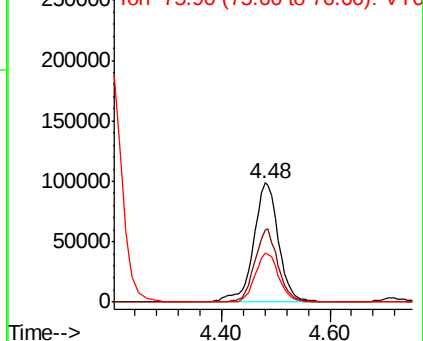
76 38.8 29.2 43.8

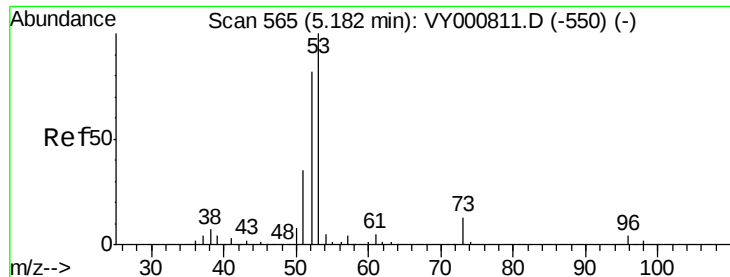


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 243.662 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampled :

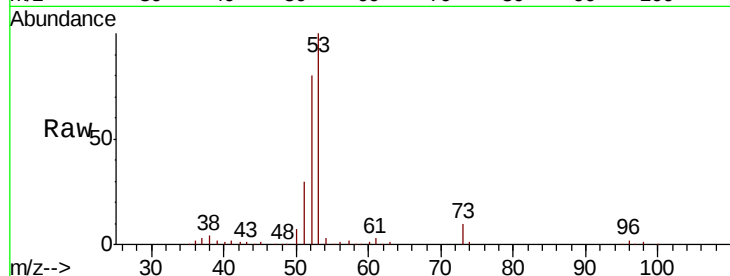
Tot Ion: 53 Resp: 289369

Ion Ratio Lower Upper

53 100

52 80.4 65.1 97.7

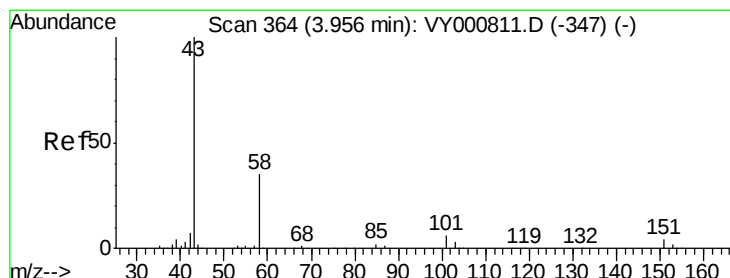
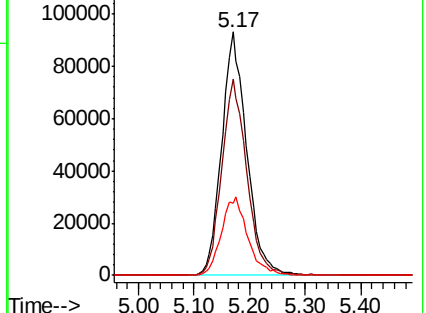
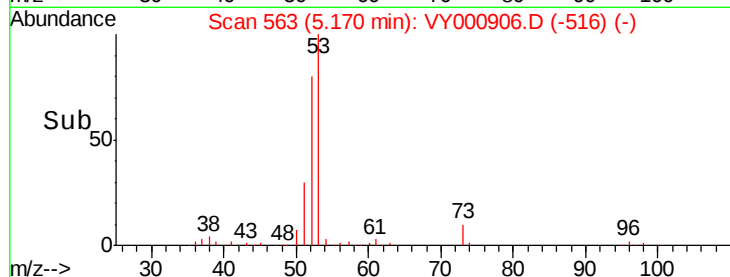
51 34.1 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY000906.D (-516) (-)

Ion 52.00 (51.70 to 52.70): VY000906.D (-516) (-)

Ion 51.00 (50.70 to 51.70): VY000906.D (-516) (-)



#16

Acetone

Concen: 200.910 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000906.D

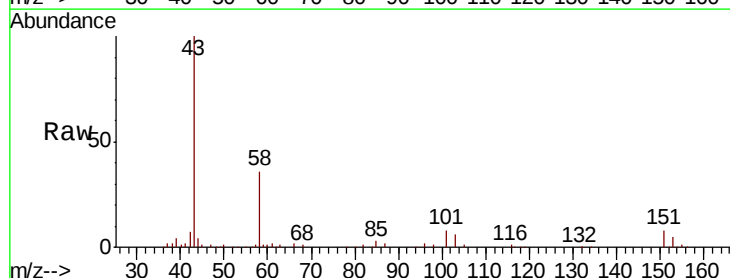
Acq: 09 Dec 2019 11:00

Tgt Ion: 43 Resp: 166971

Ion Ratio Lower Upper

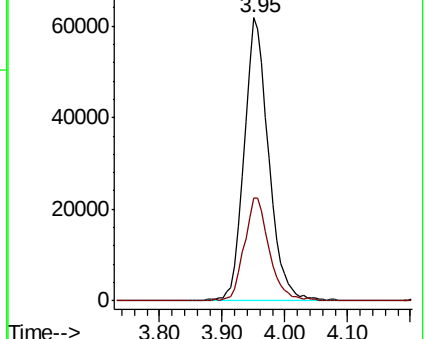
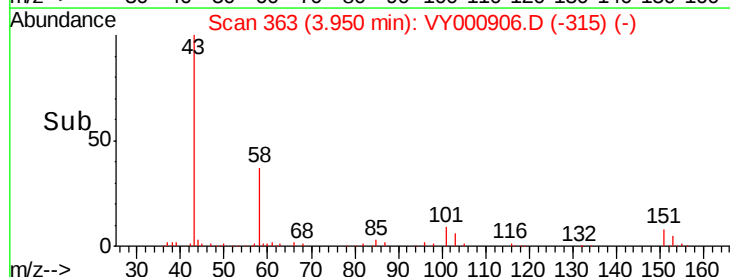
43 100

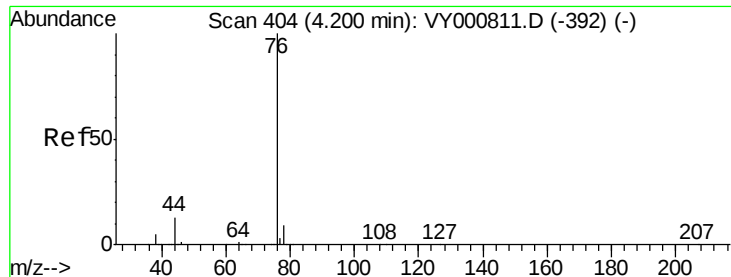
58 36.3 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000906.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000906.D (-315) (-)

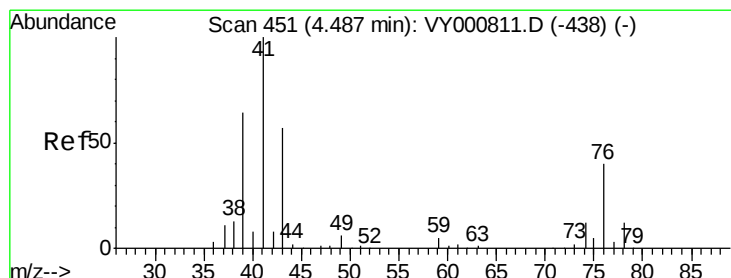
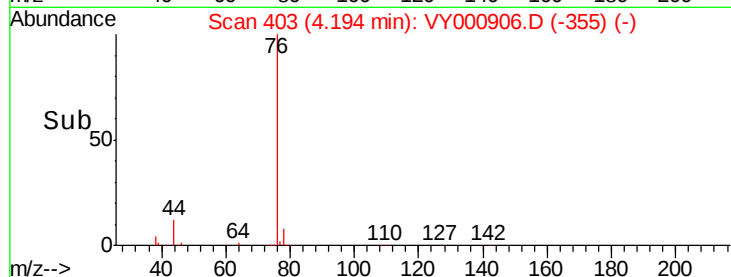
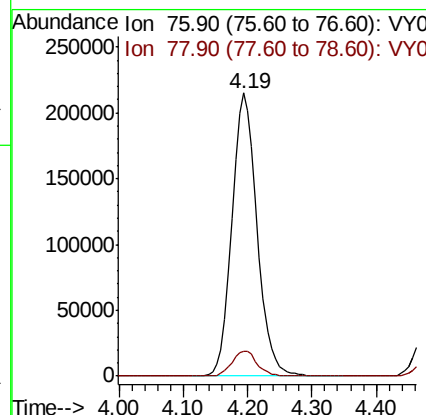
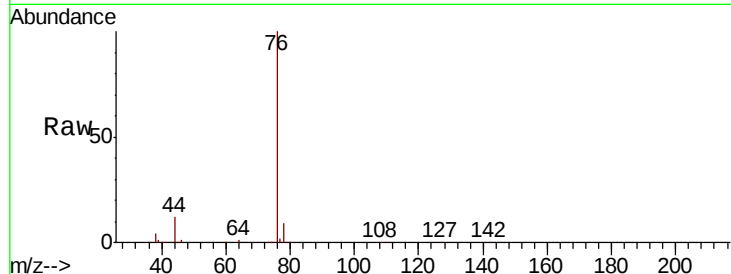




#17
Carbon Disulfide
Concen: 48.761 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

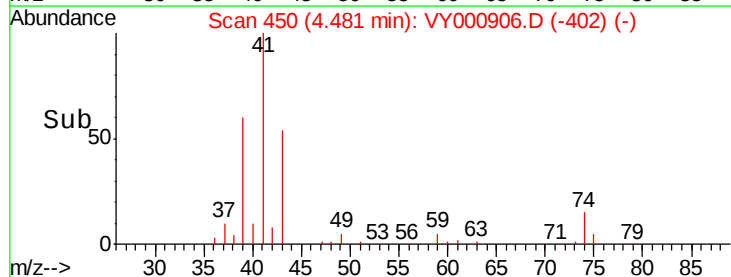
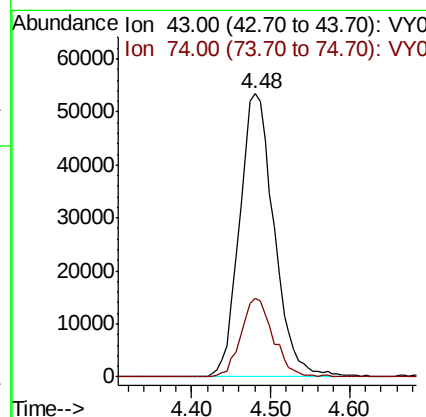
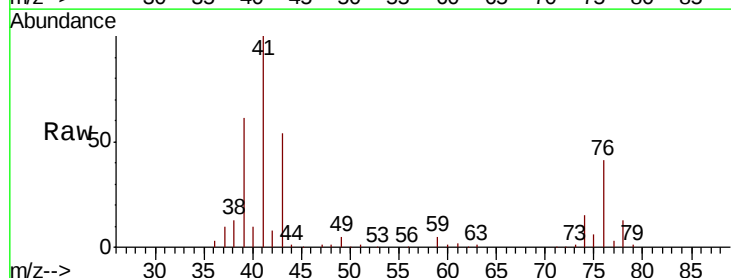
Instrument :
MSVOA_Y
ClientSampleId :

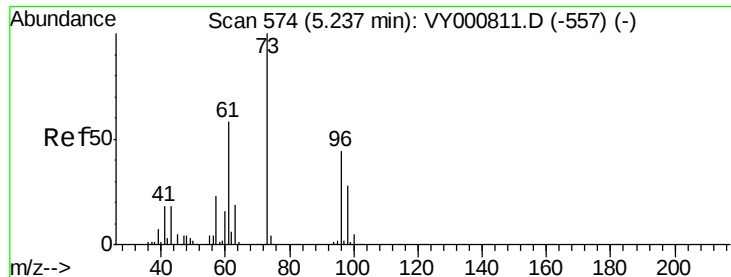
Tot Ion: 76 Resp: 589546
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 46.870 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 43 Resp: 162871
Ion Ratio Lower Upper
43 100
74 26.1 18.5 27.7

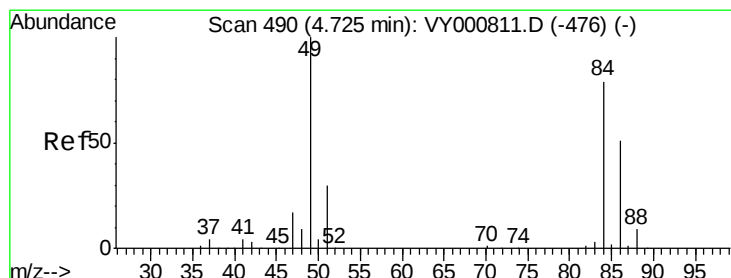
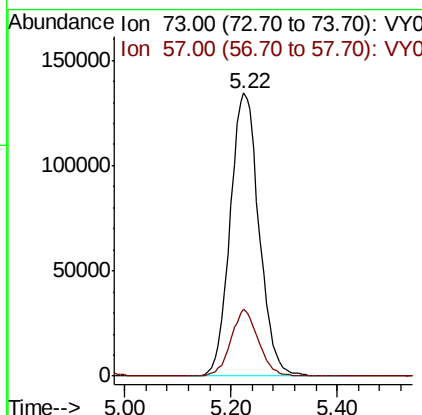
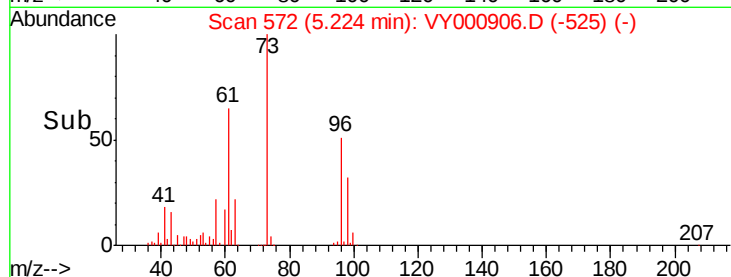
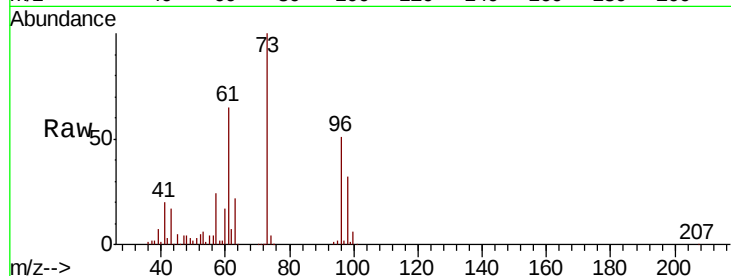




#19
Methyl tert-butyl Ether
Concen: 50.918 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

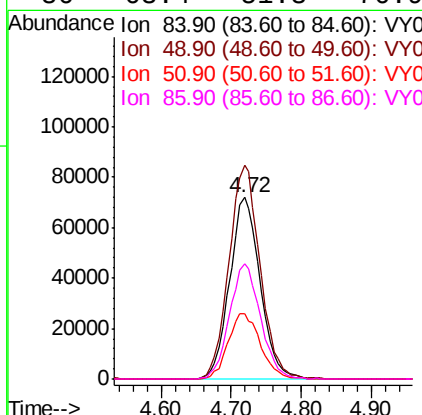
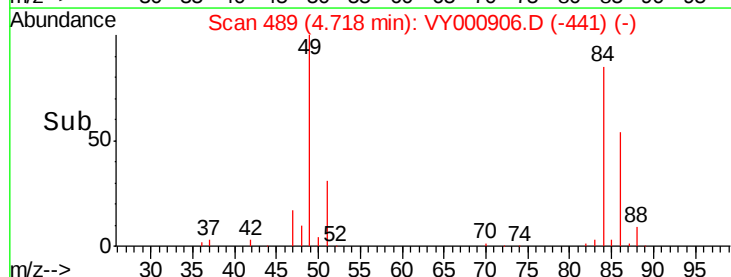
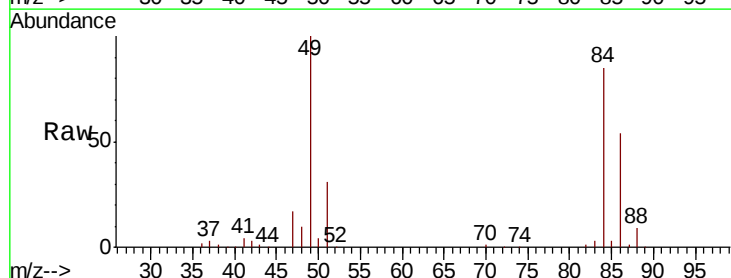
Instrument :
MSVOA_Y
ClientSampleId :

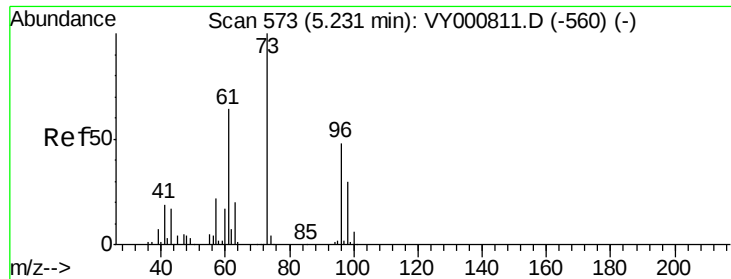
Tot Ion: 73 Resp: 508351
Ion Ratio Lower Upper
73 100
57 23.8 18.2 27.4



#20
Methylene Chloride
Concen: 49.825 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 84 Resp: 218273
Ion Ratio Lower Upper
84 100
49 117.8 101.3 151.9
51 36.3 30.6 45.8
86 63.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.836 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampled :

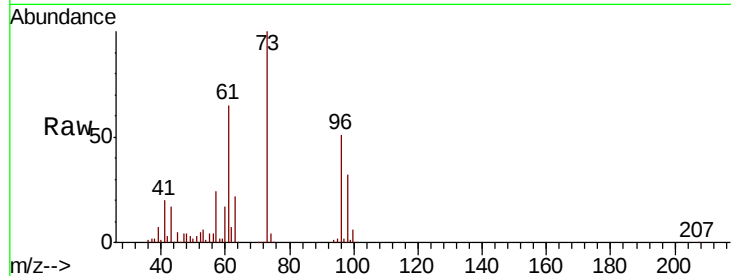
Tot Ion: 96 Resp: 211754

Ion Ratio Lower Upper

96 100

61 128.7 105.9 158.9

98 62.6 49.4 74.2

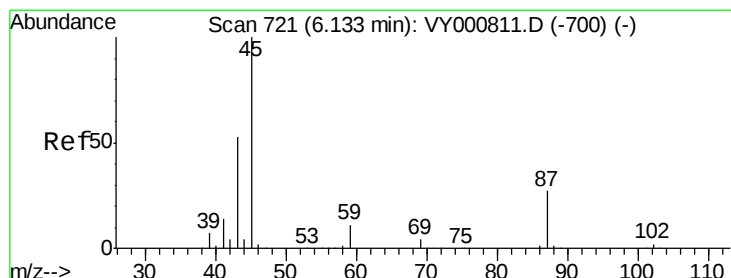
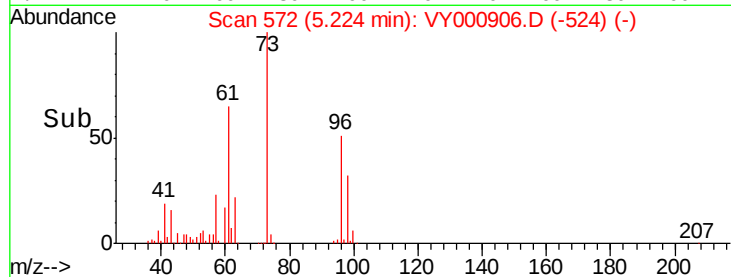
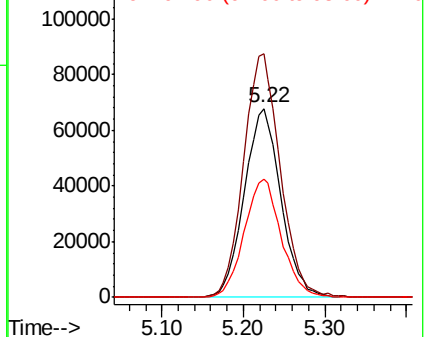


Abundance

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: 47.368 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Tgt Ion: 45 Resp: 624042

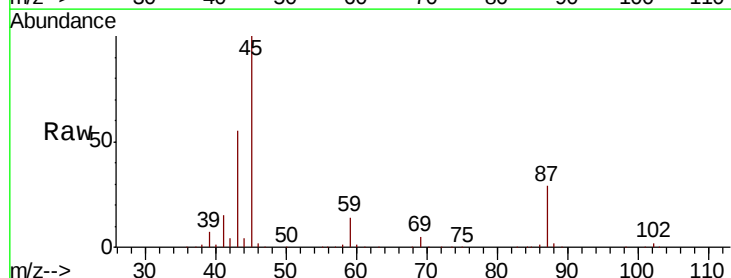
Ion Ratio Lower Upper

45 100

43 54.6 42.7 64.1

87 29.1 22.0 33.0

59 13.6 8.9 13.3#



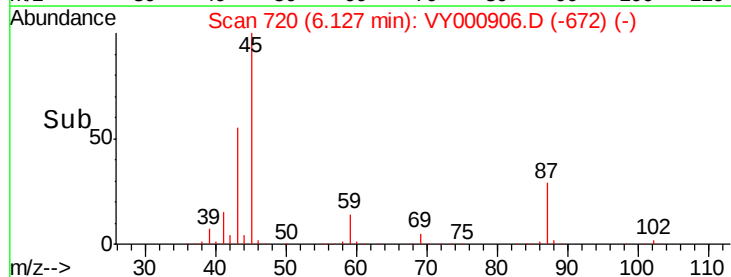
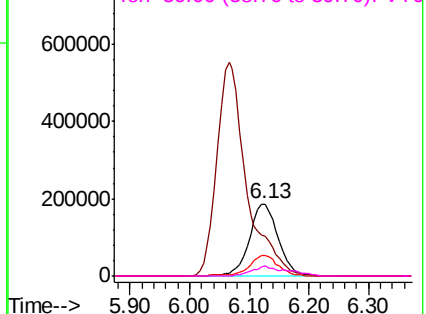
Abundance

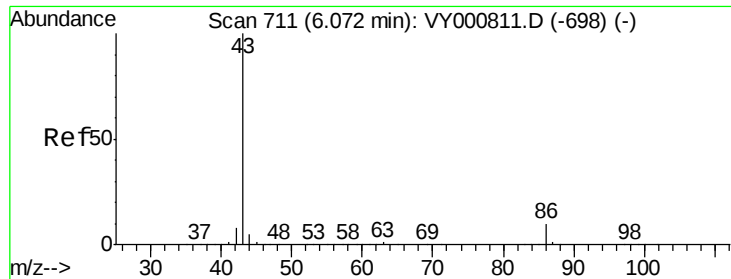
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 238.274 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

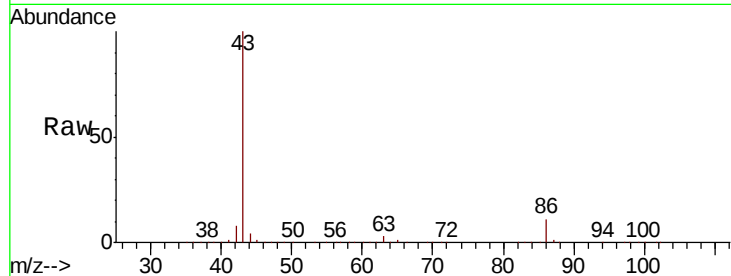
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1908366

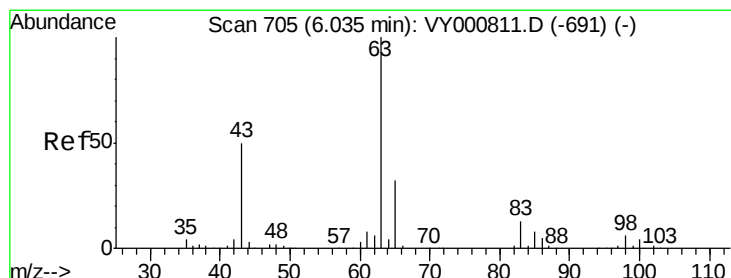
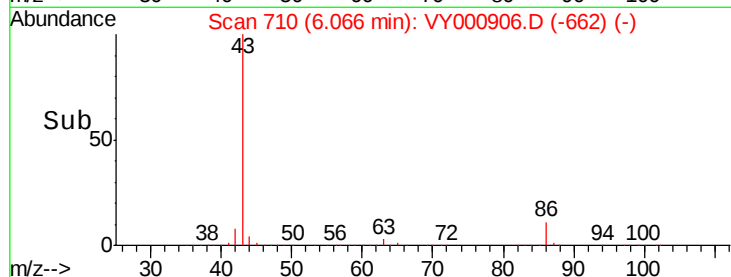
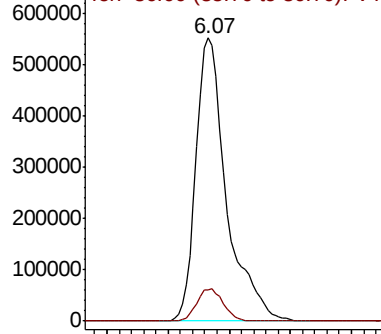
Ion Ratio Lower Upper

43 100

86 11.3 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: 49.886 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

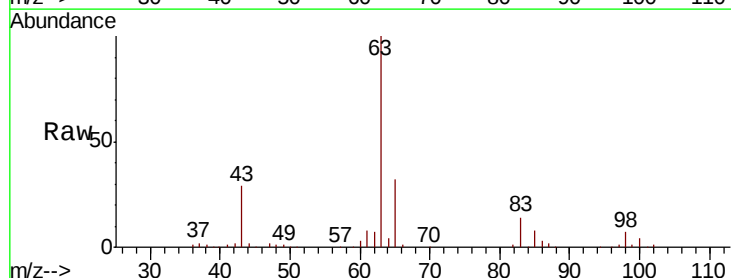
Tgt Ion: 63 Resp: 362233

Ion Ratio Lower Upper

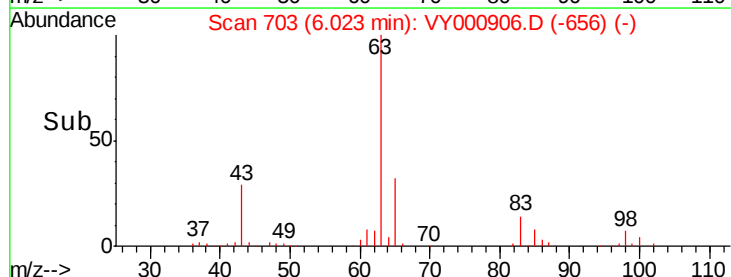
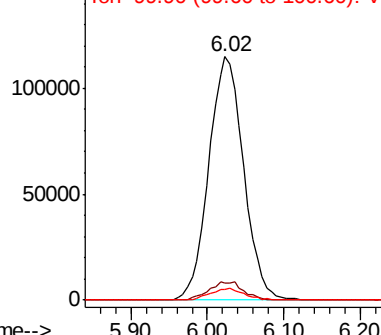
63 100

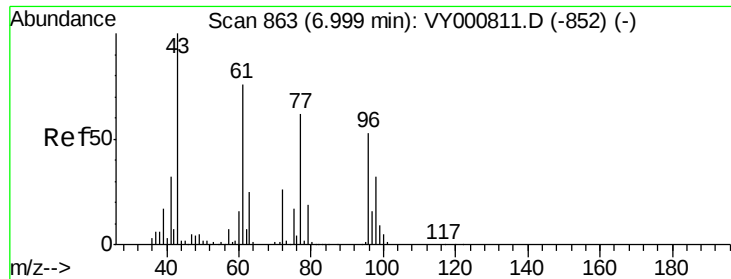
98 6.9 3.3 9.8

100 4.2 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: 222.912 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

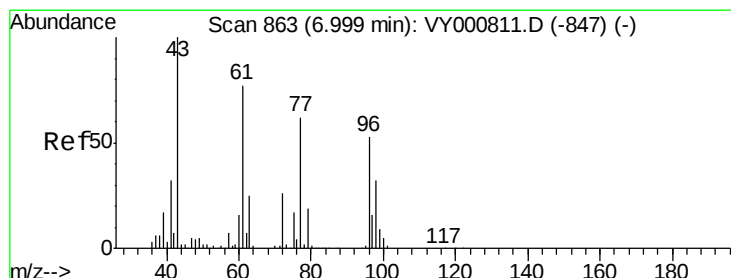
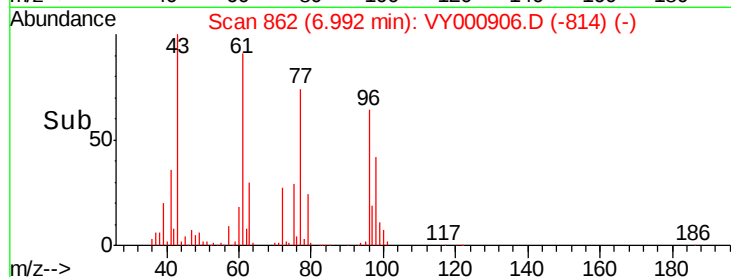
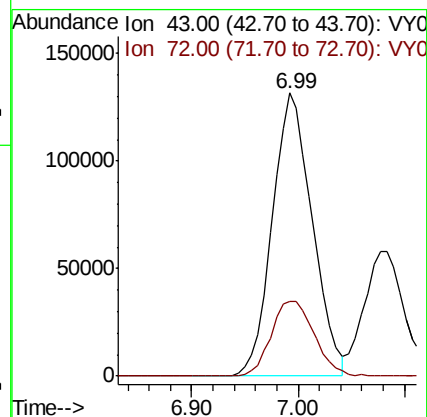
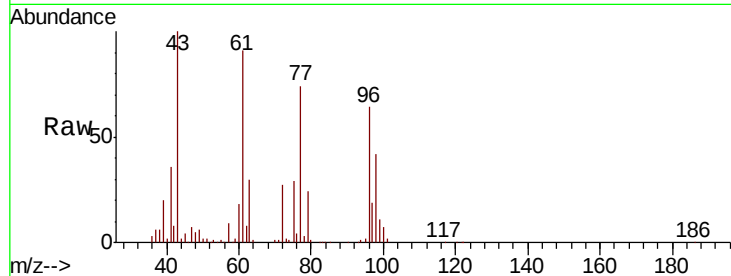
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 342218

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.763 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000906.D

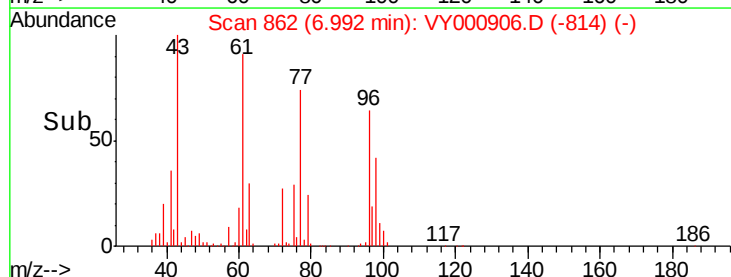
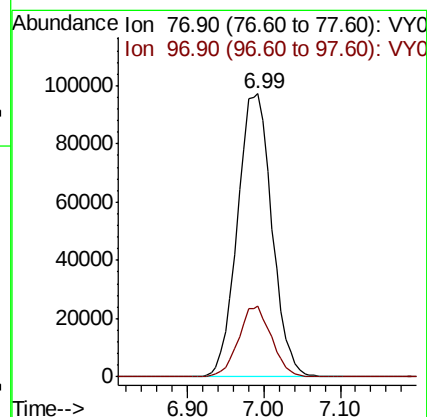
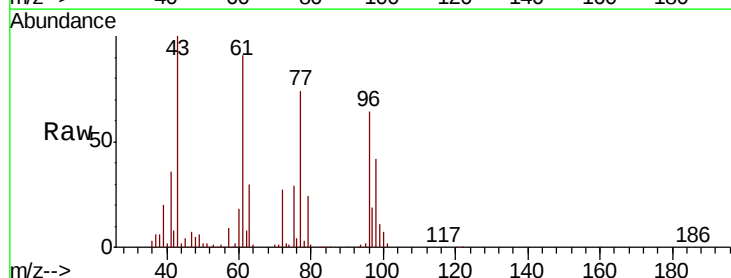
Acq: 09 Dec 2019 11:00

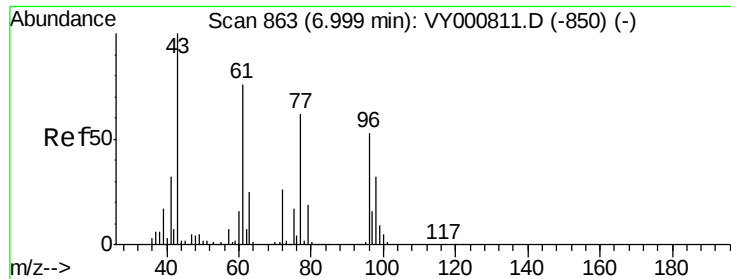
Tgt Ion: 77 Resp: 304121

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9



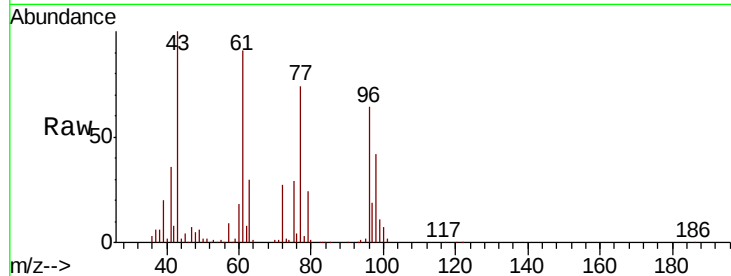


#27

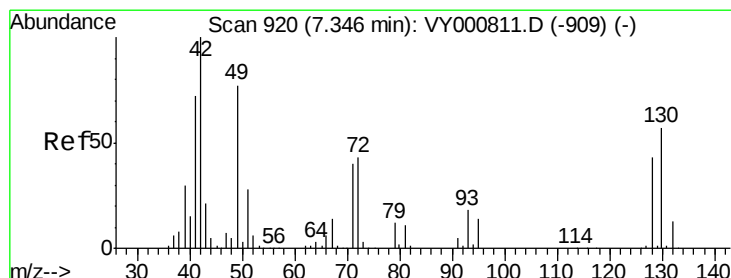
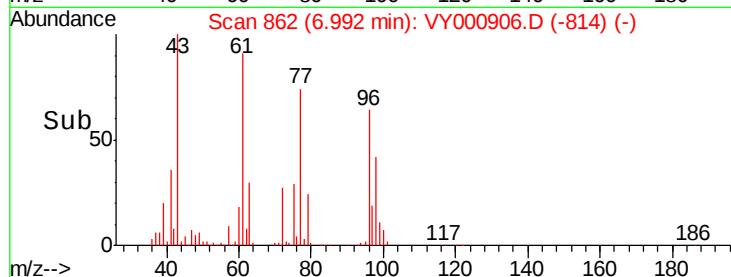
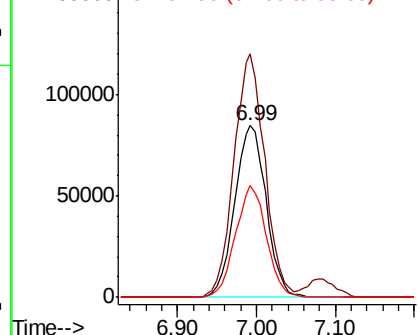
cis-1,2-Dichloroethene
Concen: 51.067 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 234549
Ion Ratio Lower Upper
96 100
61 138.6 0.0 285.0
98 63.9 0.0 128.0



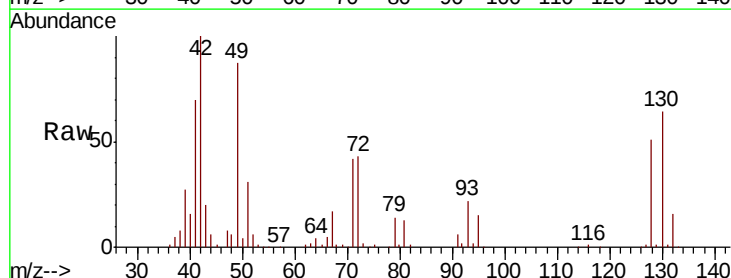
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



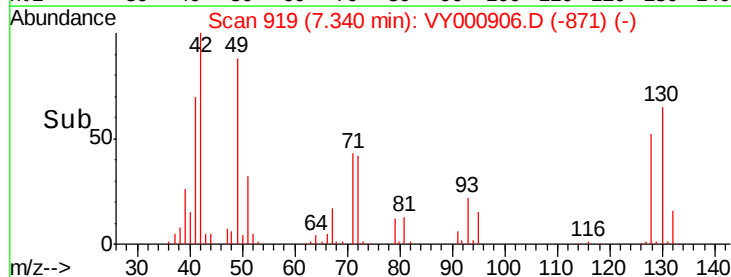
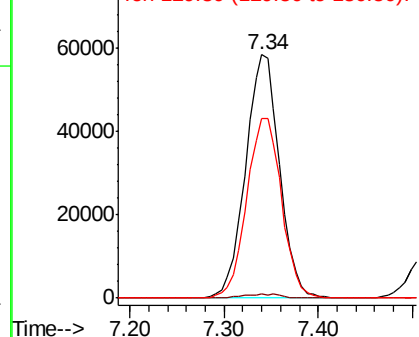
#28

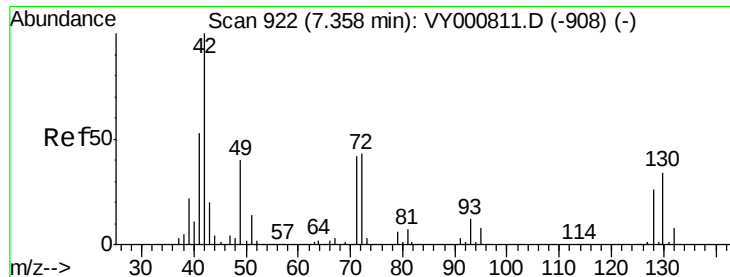
Bromochloromethane
Concen: 54.665 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 49 Resp: 146058
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 76.0 58.7 88.1



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

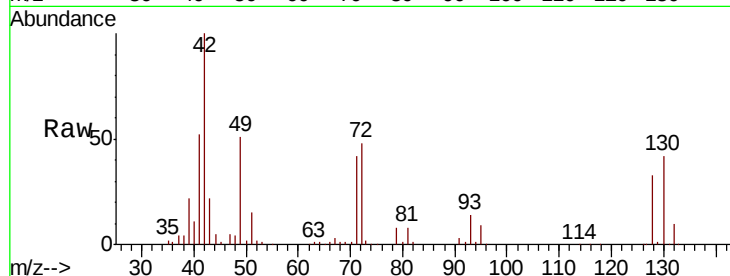




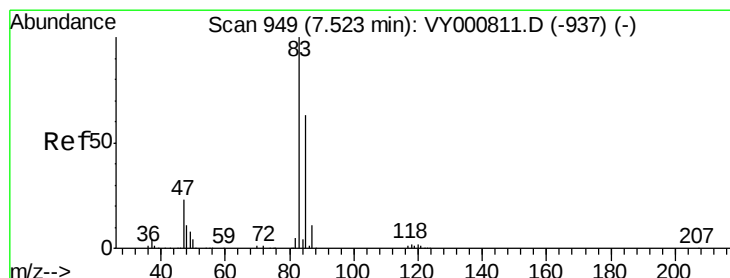
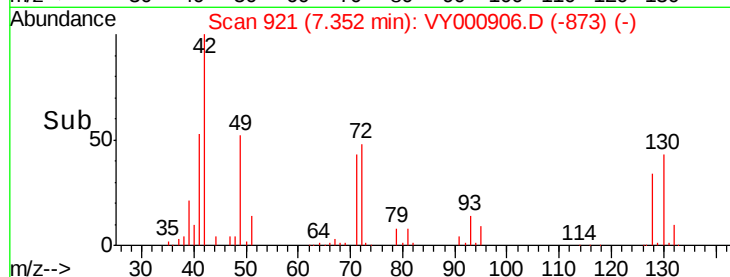
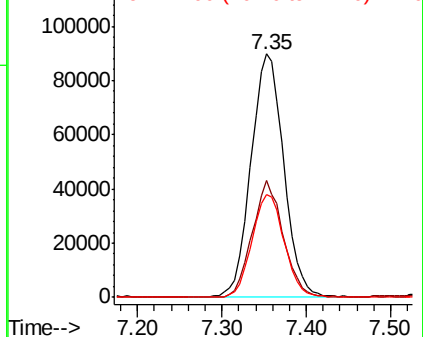
#29
Tetrahydrofuran
Concen: 234.024 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 238076
Ion Ratio Lower Upper
42 100
72 45.4 35.1 52.7
71 41.7 32.8 49.2

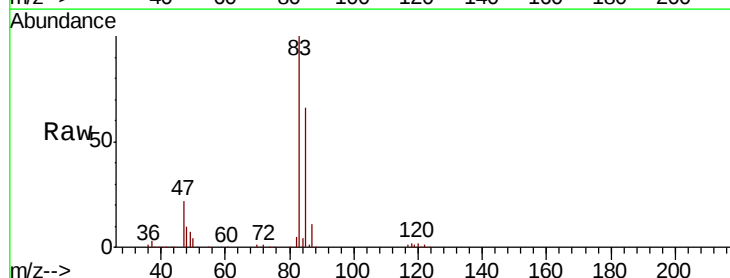


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

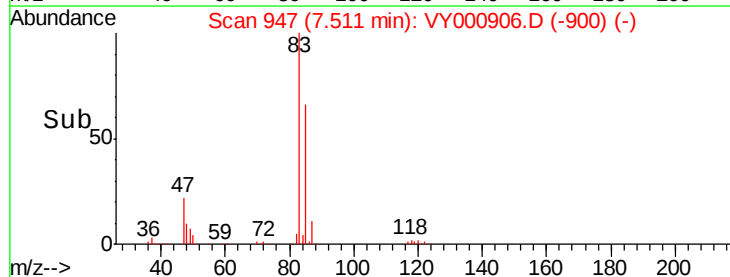
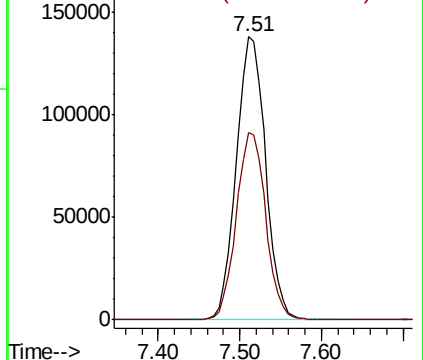


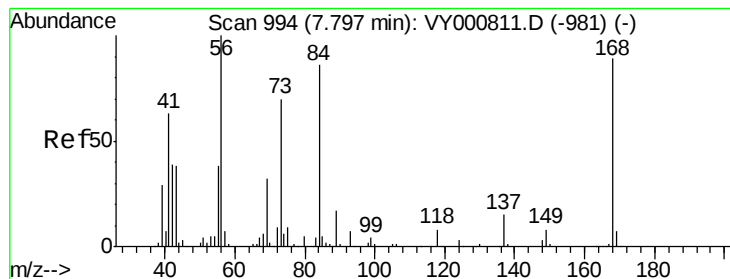
#30
Chloroform
Concen: 47.048 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 83 Resp: 342707
Ion Ratio Lower Upper
83 100
85 66.2 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: 46.136 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :
MSVOA_Y
ClientSampleId :

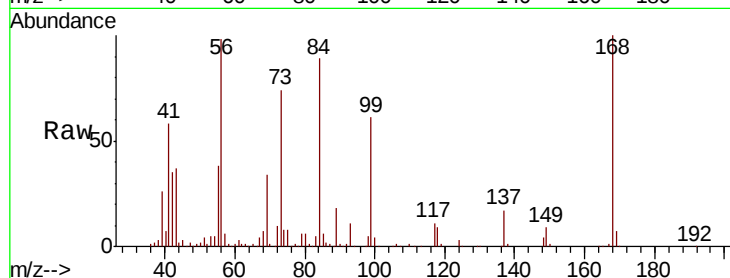
Tot Ion: 56 Resp: 354880

Ion Ratio Lower Upper

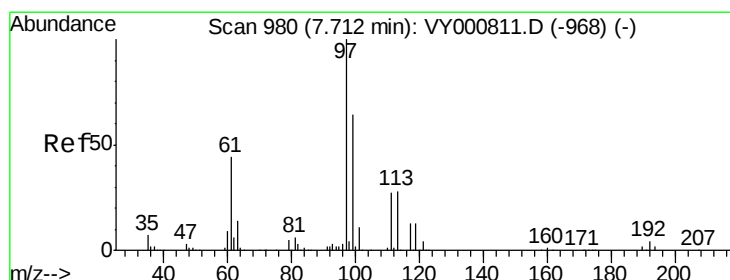
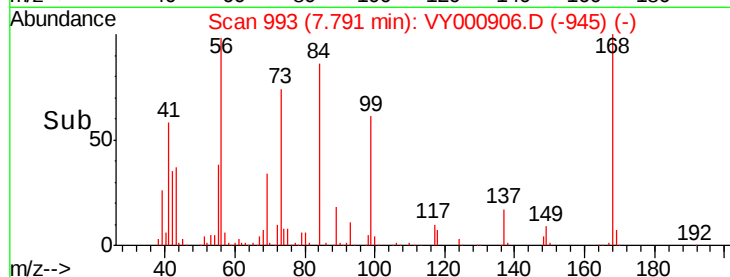
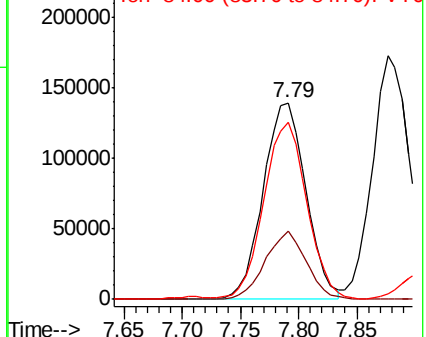
56 100

69 34.8 25.9 38.9

84 88.7 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: 49.745 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

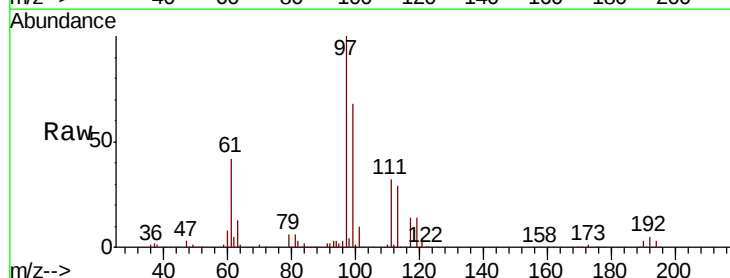
Tgt Ion: 97 Resp: 299213

Ion Ratio Lower Upper

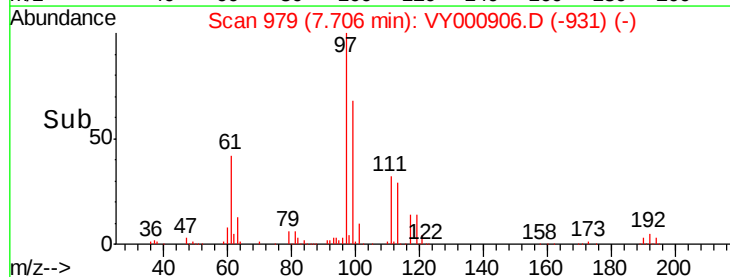
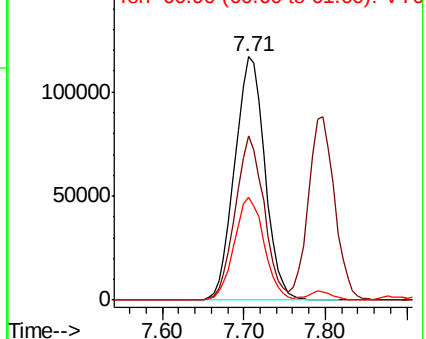
97 100

99 64.6 51.7 77.5

61 41.8 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

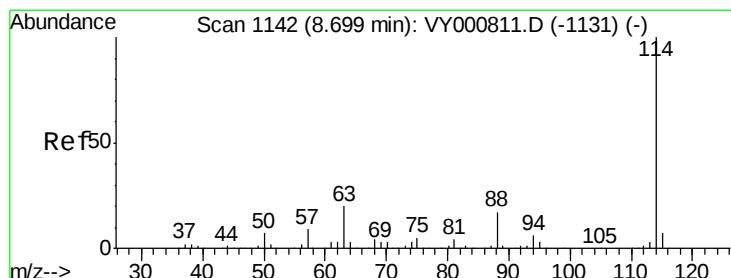
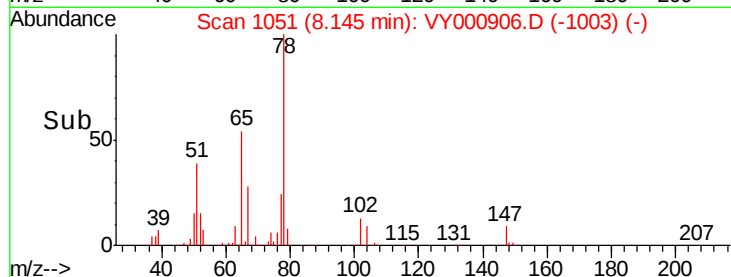
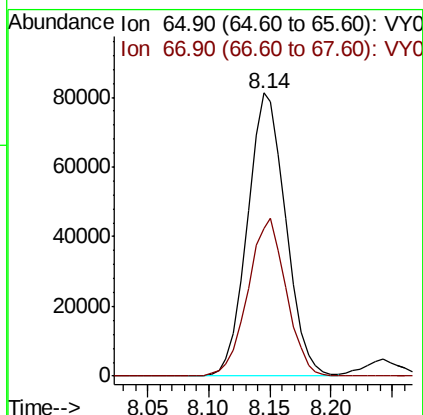
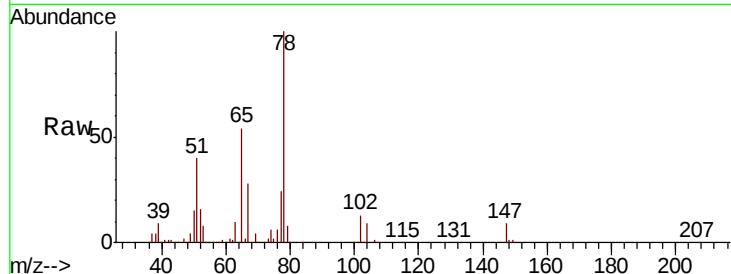




#33
 1,2-Dichloroethane-d4
 Concen: 48.731 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

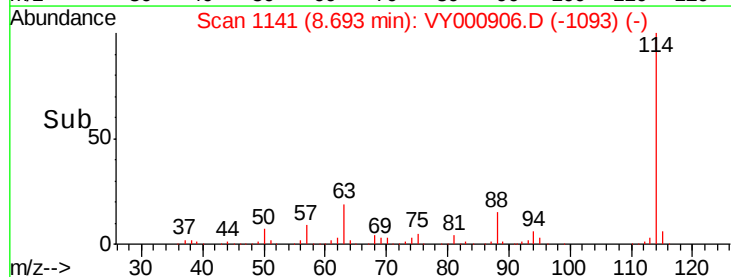
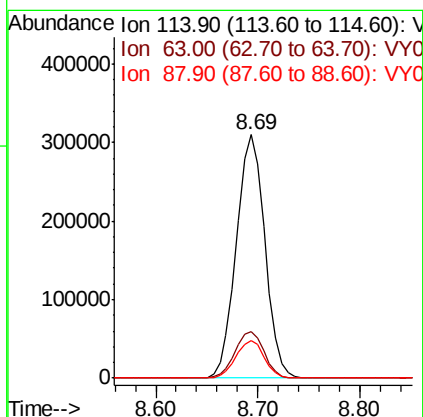
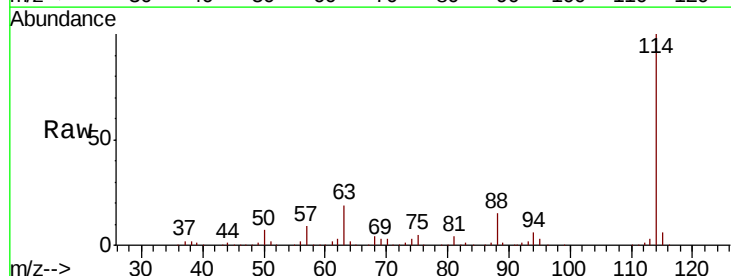
Instrument :
 MSVOA_Y
 ClientSampleId :

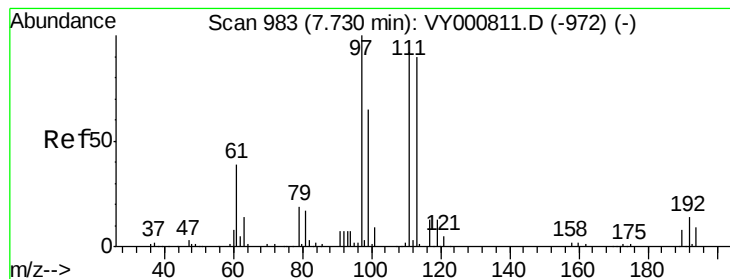
Tot Ion: 65 Resp: 176545
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion: 114 Resp: 600237
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.339 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampleId :

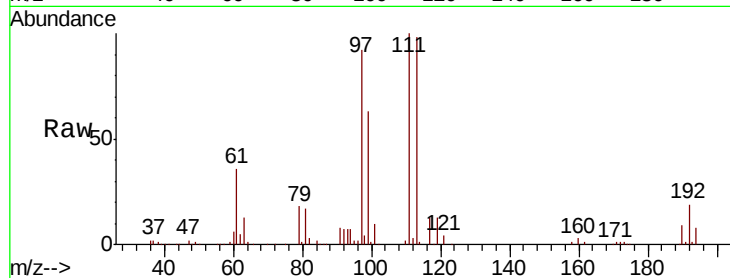
Tot Ion:113 Resp: 176096

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

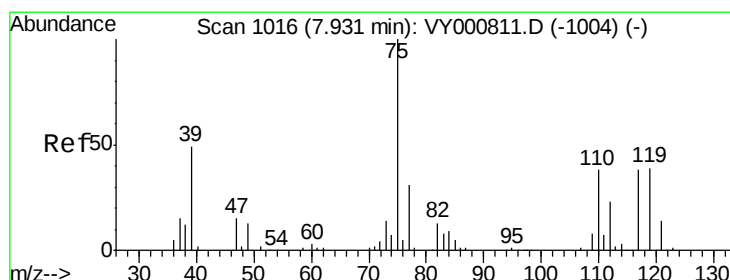
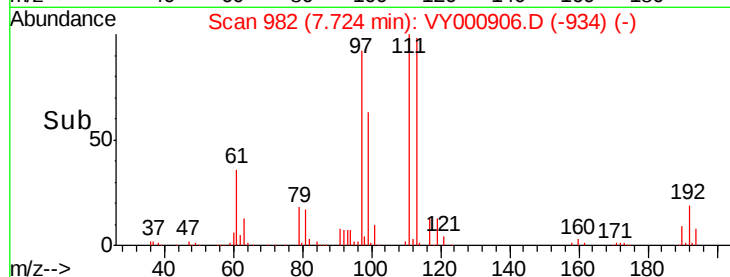
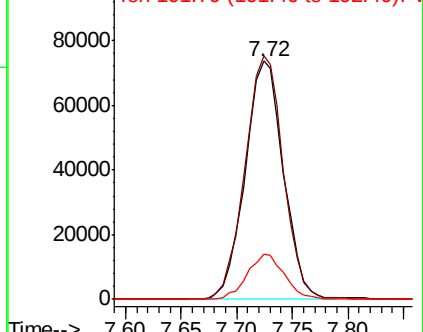
192 18.4 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.476 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

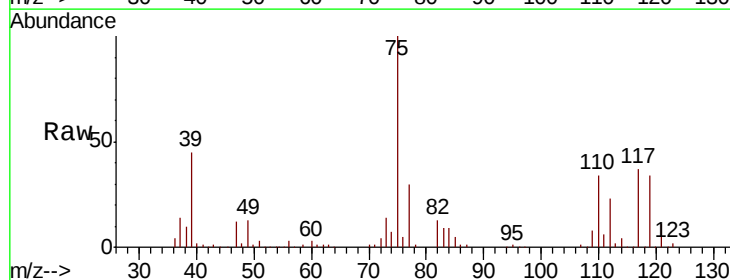
Tgt Ion: 75 Resp: 289313

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

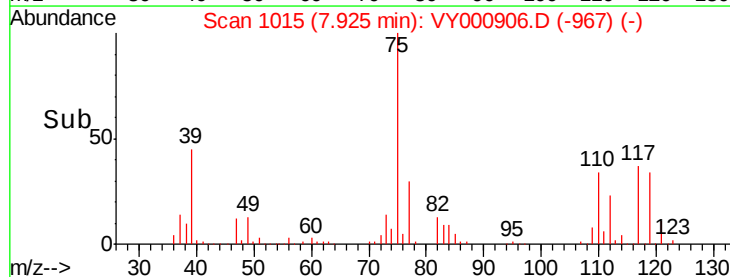
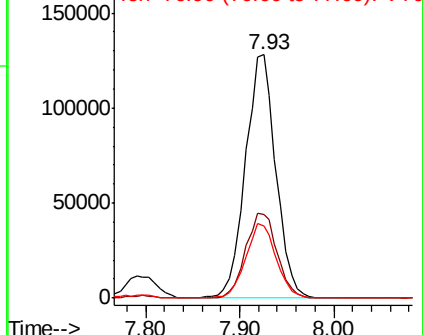
77 30.8 24.7 37.1

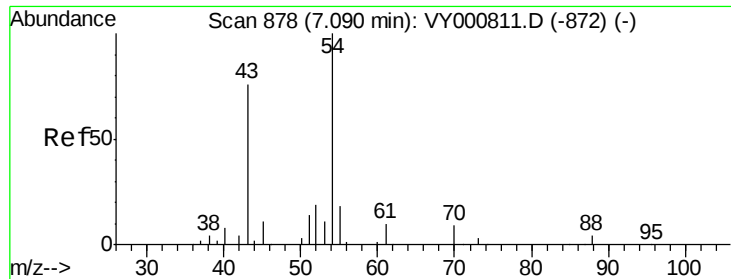


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

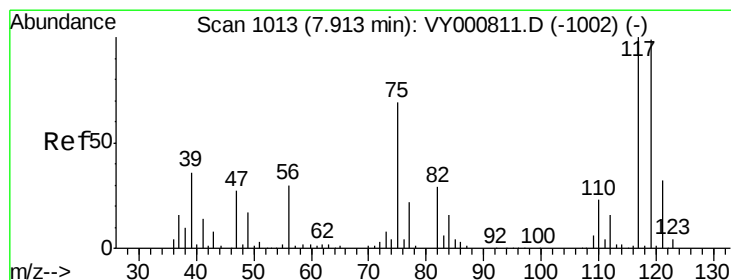
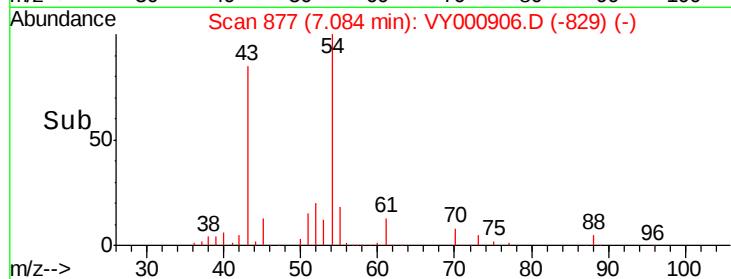
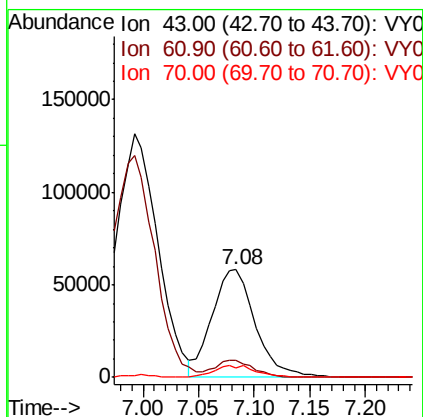
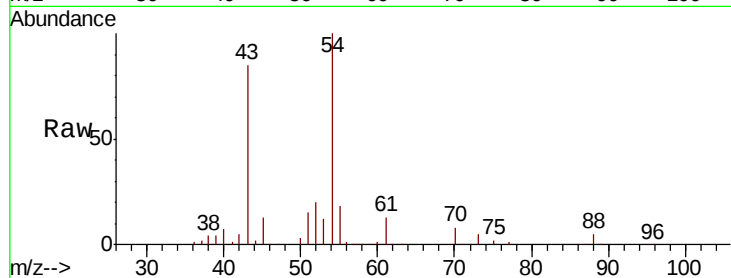




#37
Ethyl Acetate
Concen: 45.499 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

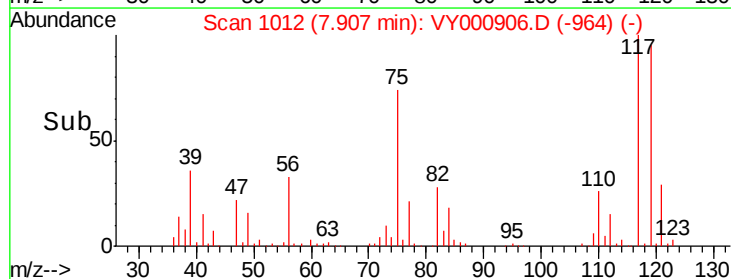
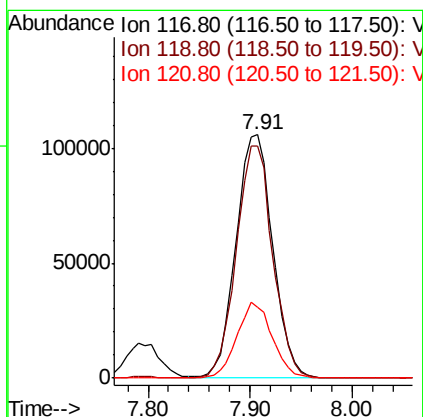
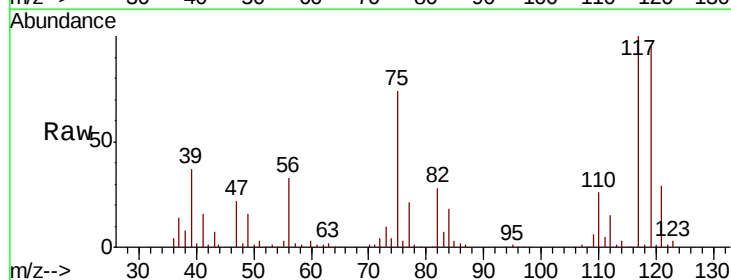
Instrument :
MSVOA_Y
ClientSampled :

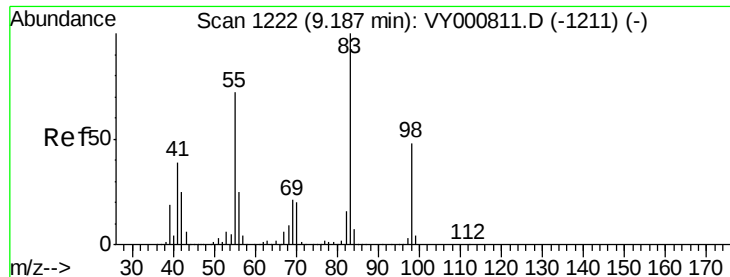
Tot Ion: 43 Resp: 156793
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.8
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.807 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 117 Resp: 264725
Ion Ratio Lower Upper
117 100
119 95.4 79.3 118.9
121 29.3 25.5 38.3

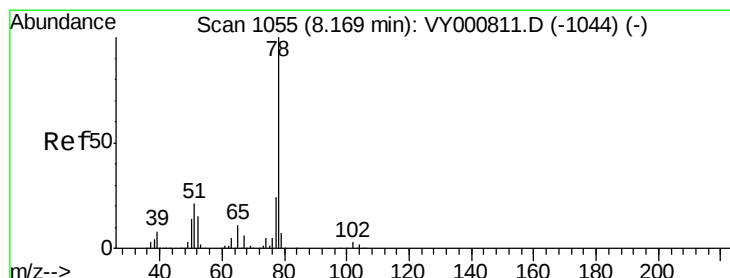
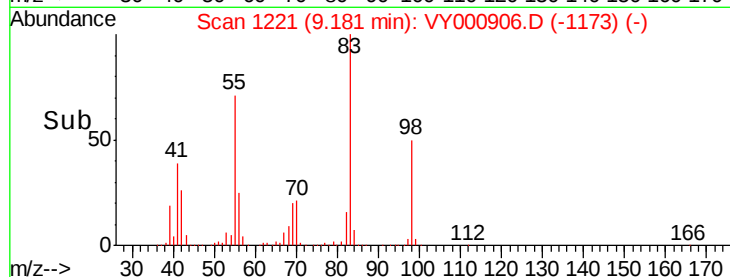
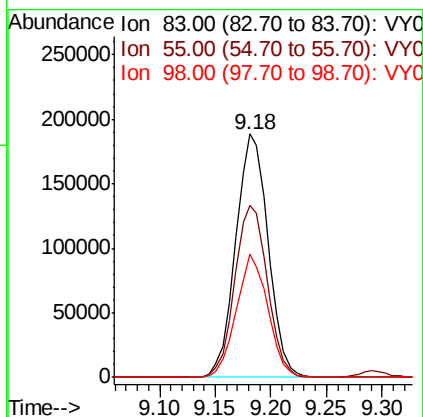
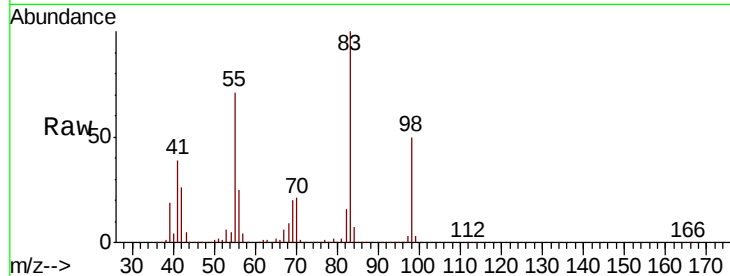




#39
Methvlcvclohexane
Concen: 48.053 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

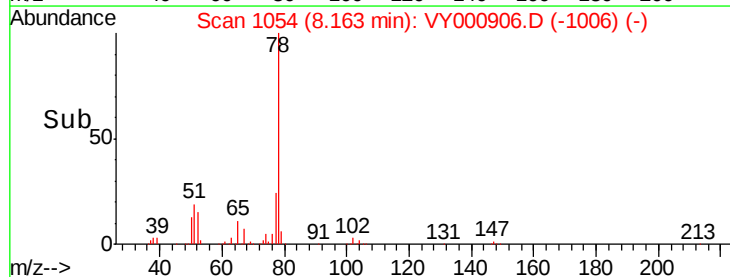
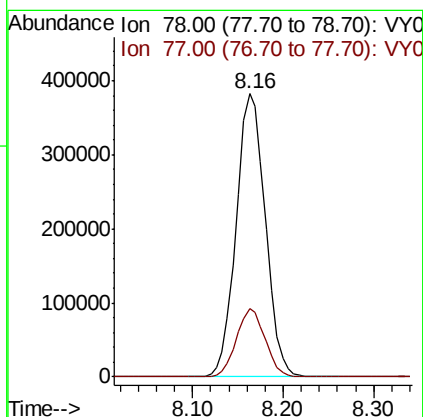
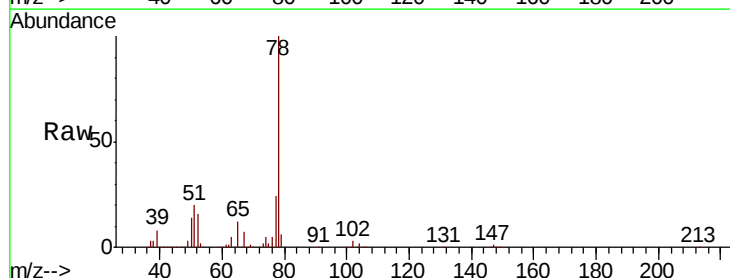
Instrument :
MSVOA_Y
ClientSampled :

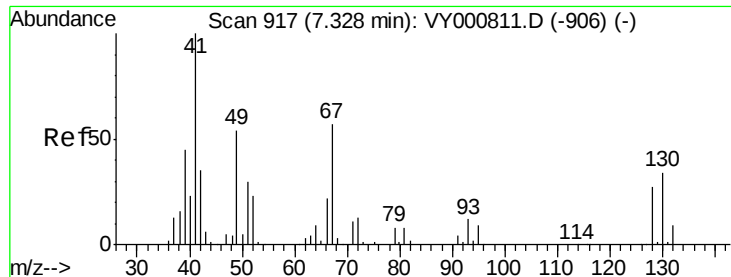
Tot Ion: 83 Resp: 379963
Ion Ratio Lower Upper
83 100
55 70.8 57.8 86.6
98 50.5 38.6 58.0



#40
Benzene
Concen: 48.912 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 78 Resp: 850299
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8





#41

Methacrylonitrile

Concen: 113.645 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.02 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 206411

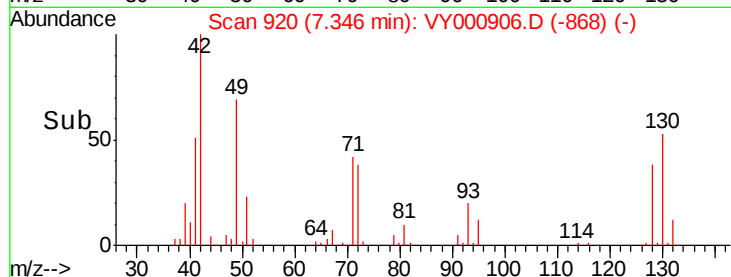
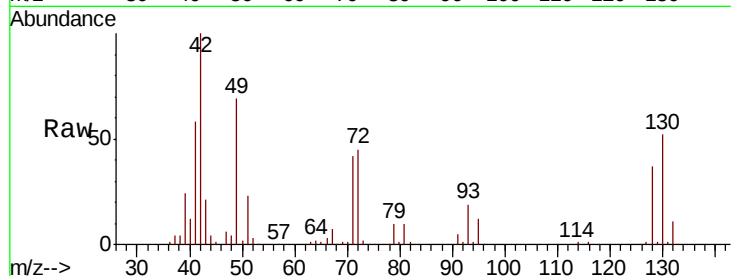
Ion Ratio Lower Upper

41 100

39 0.0 95.7 143.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

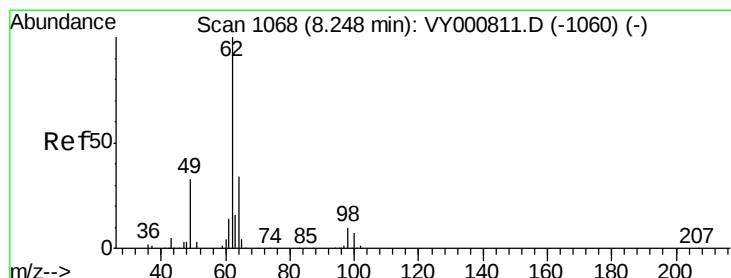
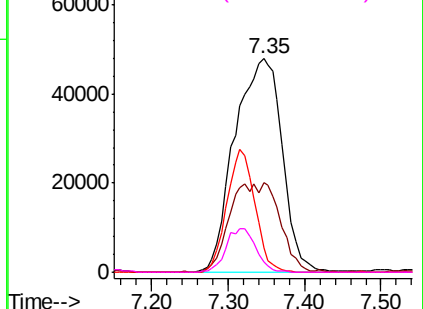


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 46.944 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000906.D

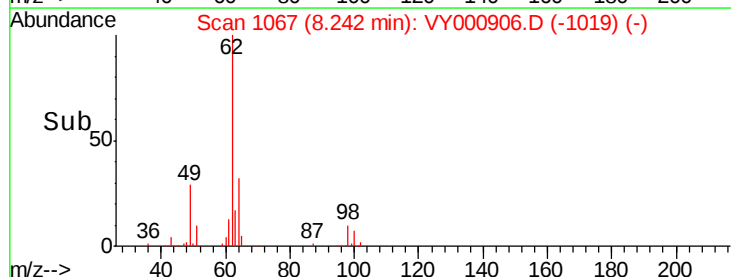
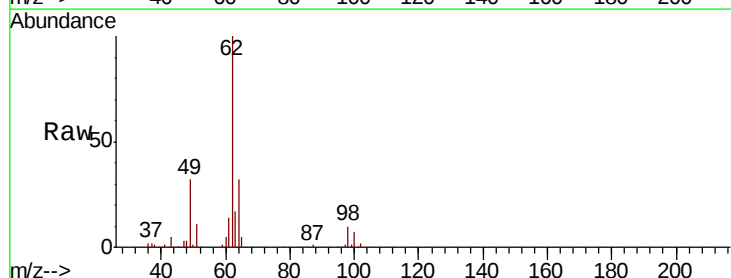
Acq: 09 Dec 2019 11:00

Tgt Ion: 62 Resp: 214622

Ion Ratio Lower Upper

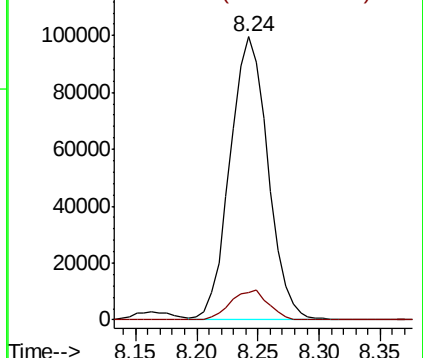
62 100

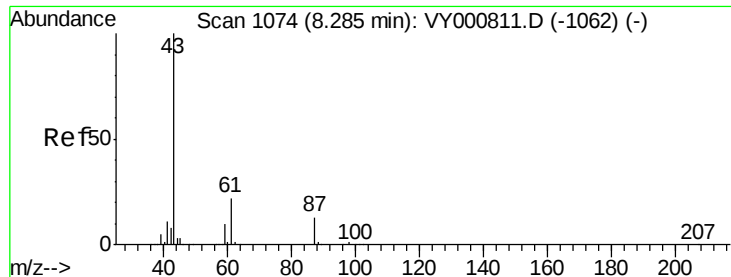
98 10.6 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 45.625 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampleId :

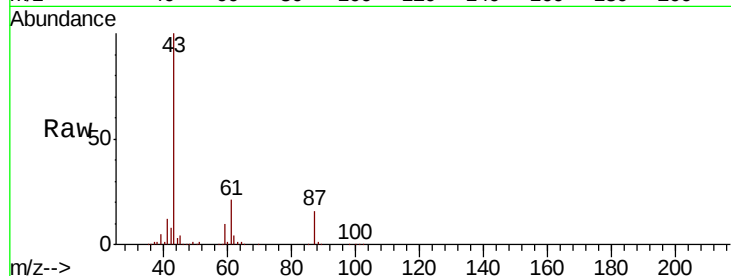
Tot Ion: 43 Resp: 296292

Ion Ratio Lower Upper

43 100

61 30.5 23.7 35.5

87 14.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000811.D (-1062) (-)

8.28

150000

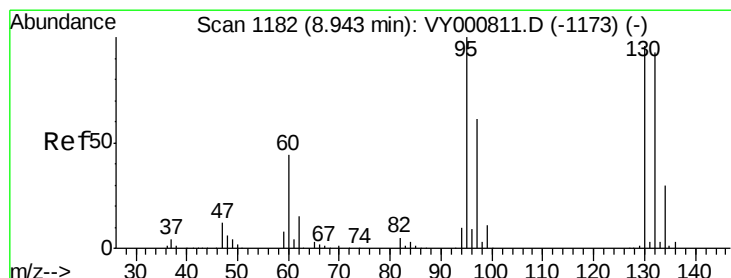
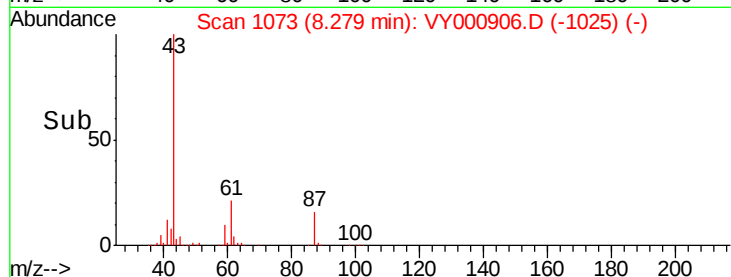
100000

50000

0

8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 50.002 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000906.D

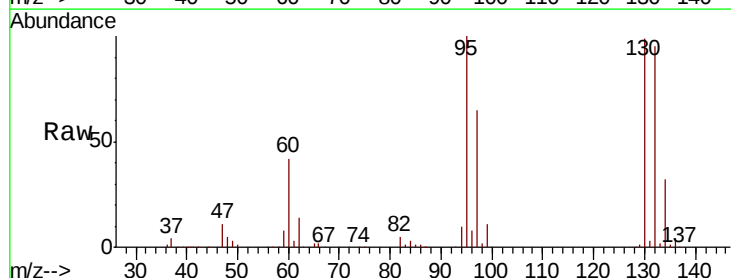
Acq: 09 Dec 2019 11:00

Tgt Ion:130 Resp: 223393

Ion Ratio Lower Upper

130 100

95 101.0 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000811.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000811.D (-1173) (-)

8.94

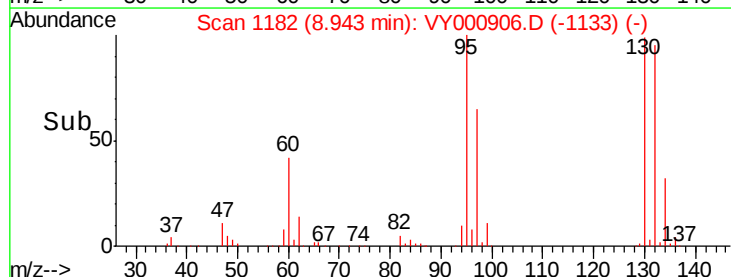
100000

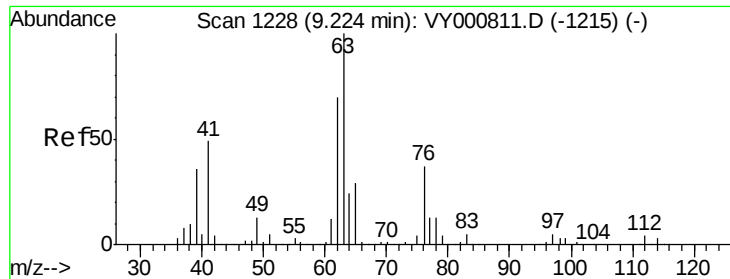
50000

0

8.85 8.90 8.95 9.00 9.05

Time-->

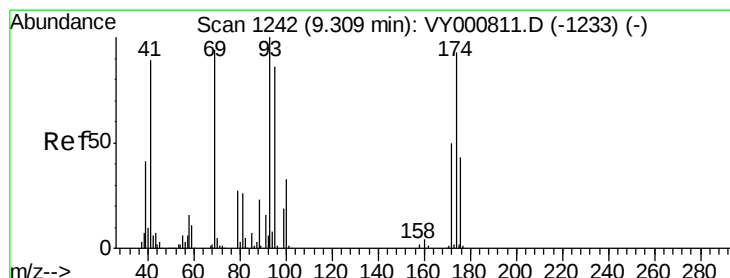
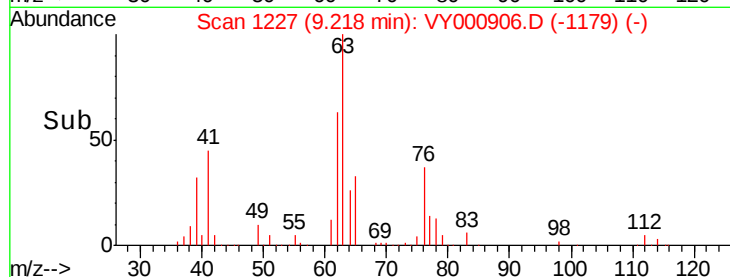
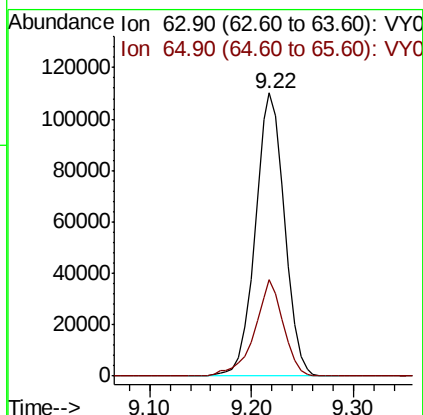
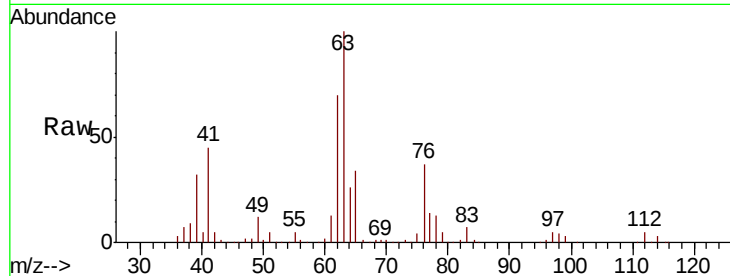




#45
 1,2-Dichloropropane
 Concen: 50.062 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

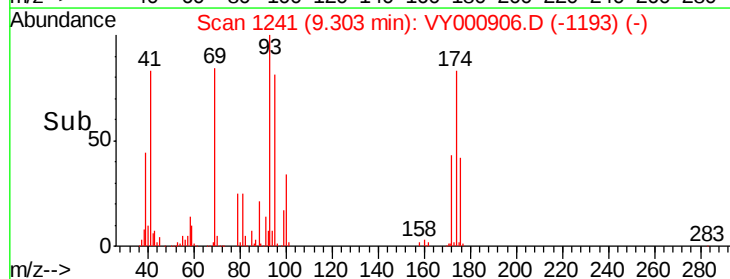
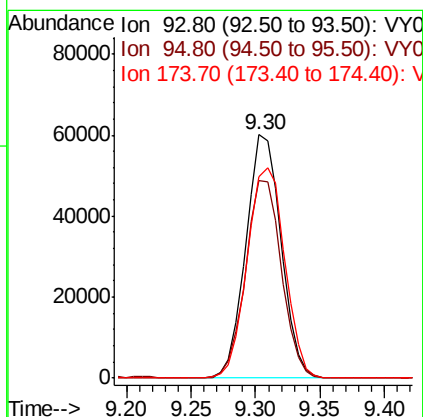
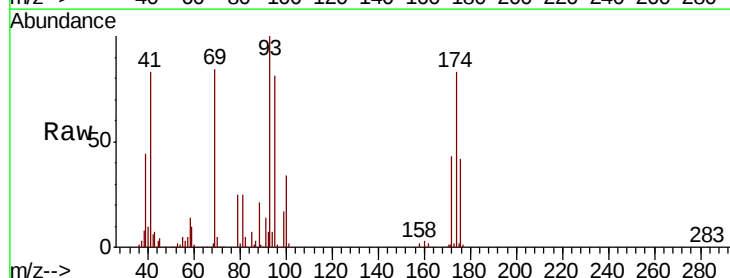
Instrument :
 MSVOA_Y
 ClientSampled :

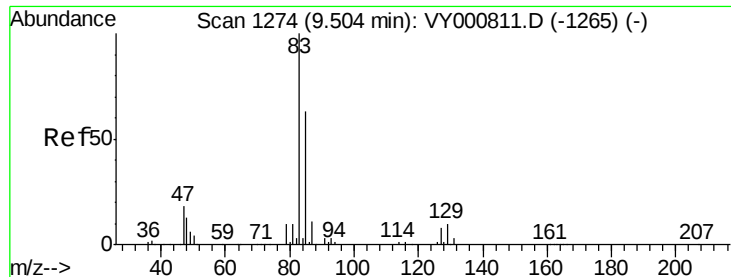
Tot Ion: 63 Resp: 218600
 Ion Ratio Lower Upper
 63 100
 65 34.0 23.2 34.8



#46
 Dibromomethane
 Concen: 49.842 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion: 93 Resp: 113716
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 92.0 73.0 109.6





#47

Bromodichloromethane

Concen: 50.014 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampleId :

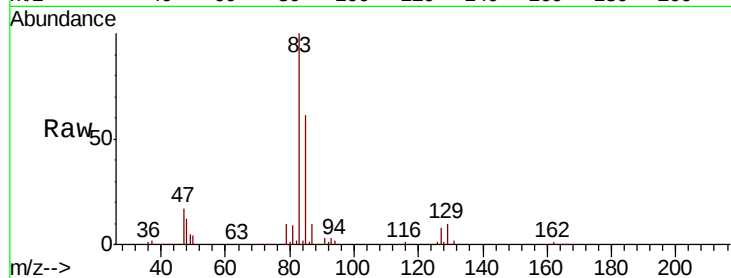
Tot Ion: 83 Resp: 268060

Ion Ratio Lower Upper

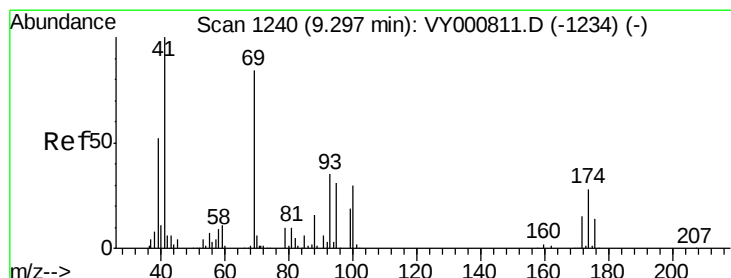
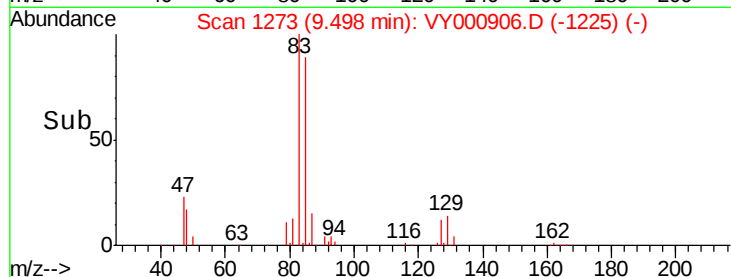
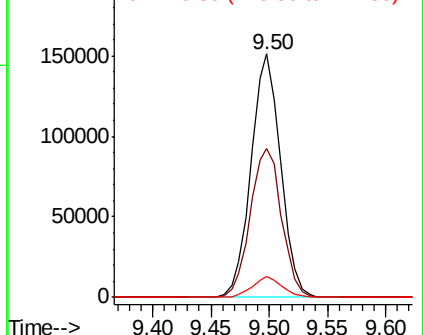
83 100

85 61.2 50.8 76.2

127 8.5 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): VY0



#48

Methyl methacrylate

Concen: 45.364 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

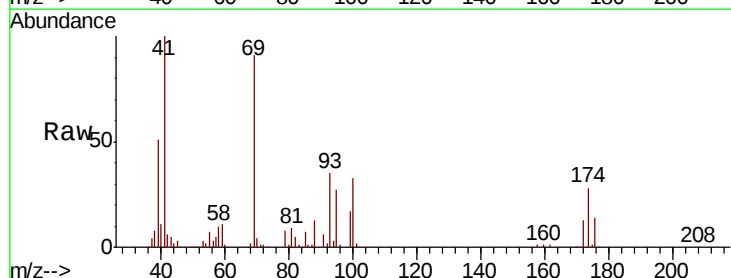
Tgt Ion: 41 Resp: 129544

Ion Ratio Lower Upper

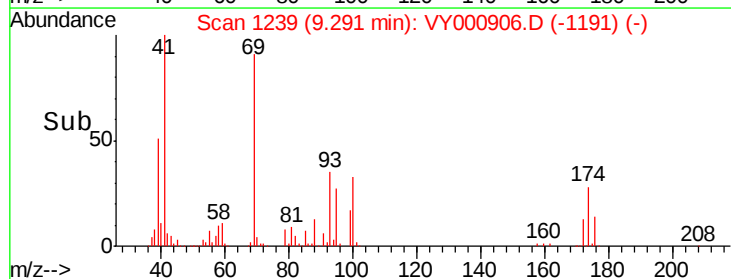
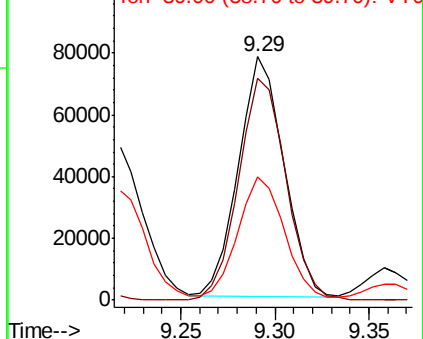
41 100

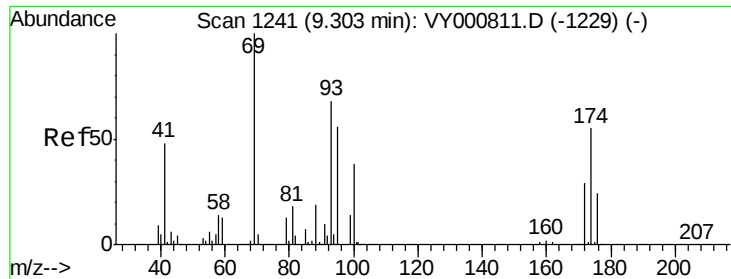
69 97.0 70.4 105.6

39 53.2 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

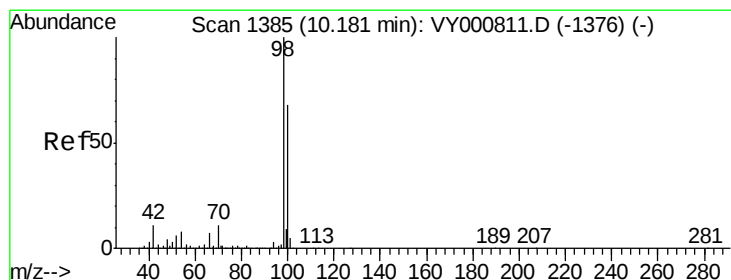
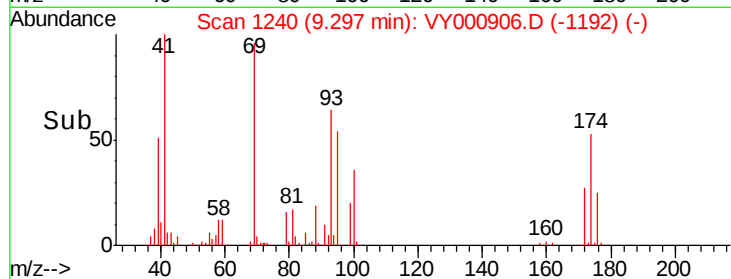
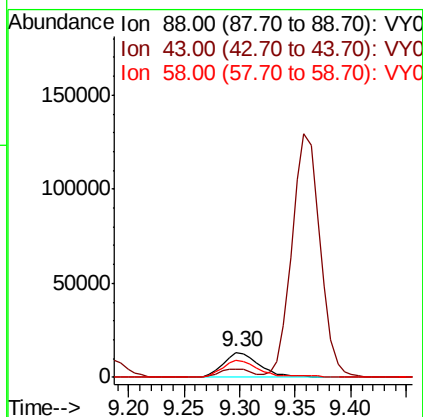
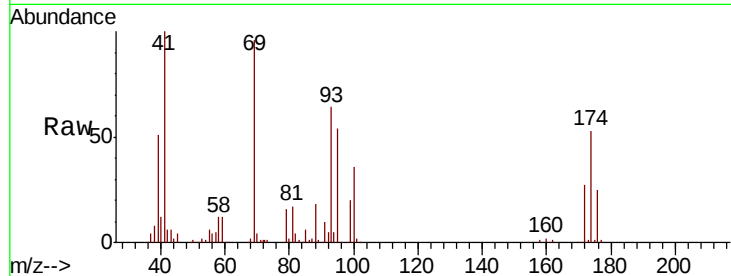




#49
1,4-Dioxane
Concen: 938.523 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

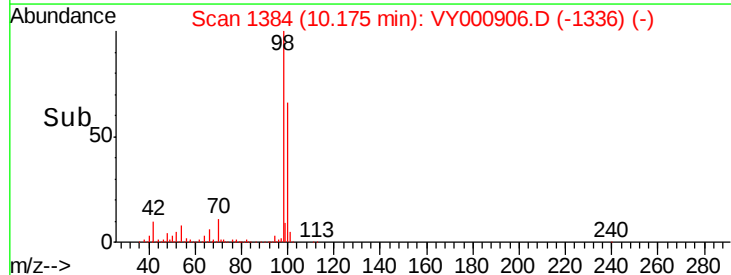
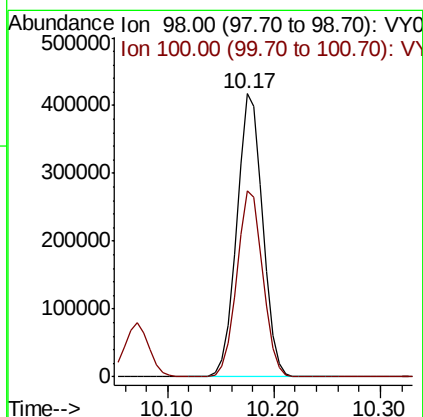
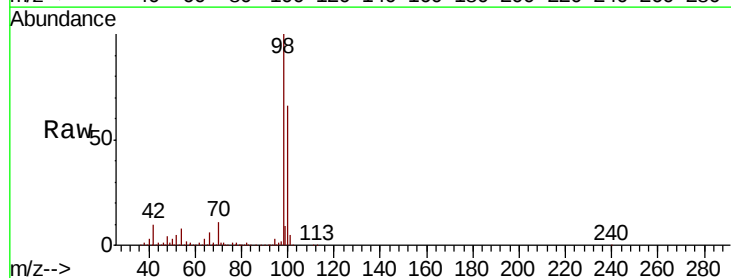
Instrument :
MSVOA_Y
ClientSampleId :

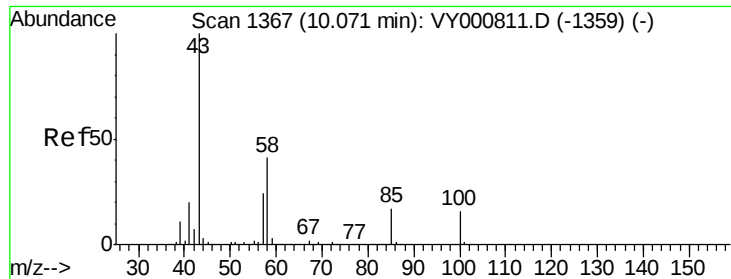
Tot Ion: 88 Resp: 30340
Ion Ratio Lower Upper
88 100
43 29.5 21.1 31.7
58 67.0 50.7 76.1



#50
Toluene-d8
Concen: 50.904 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 98 Resp: 711926
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 232.131 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

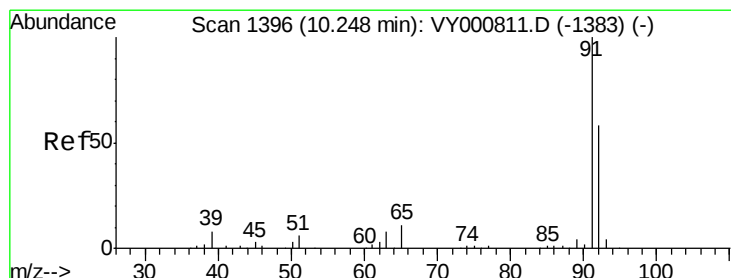
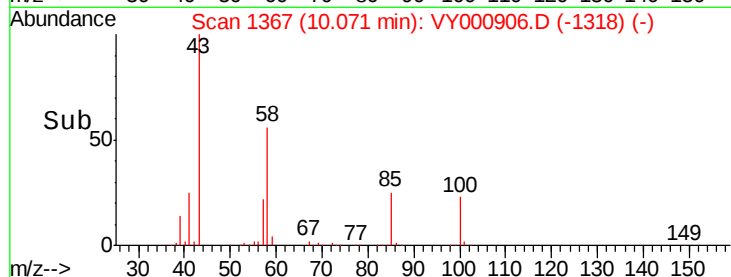
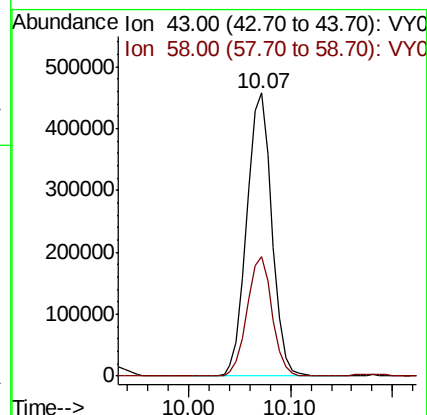
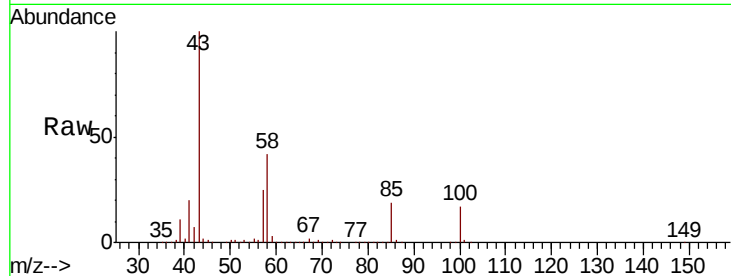
ClientSampleId :

Tot Ion: 43 Resp: 778879

Ion Ratio Lower Upper

43 100

58 42.1 33.1 49.7



#52

Toluene

Concen: 49.685 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000906.D

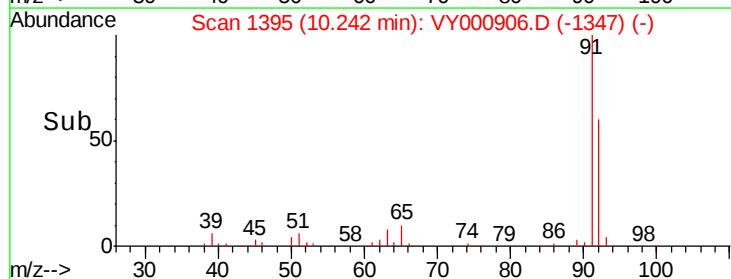
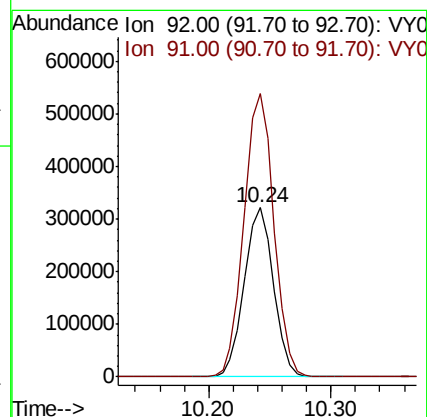
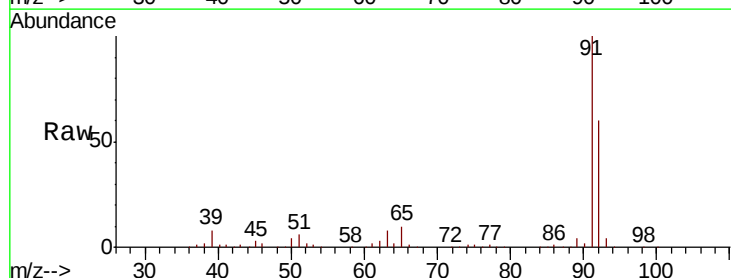
Acq: 09 Dec 2019 11:00

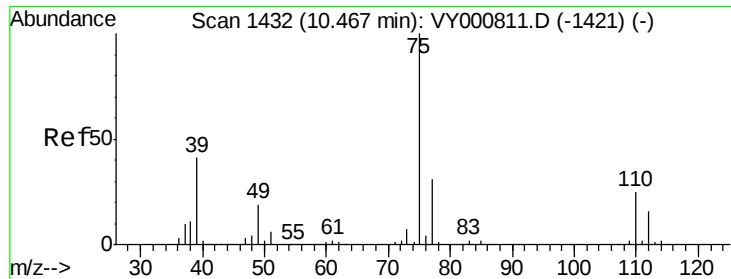
Tgt Ion: 92 Resp: 534785

Ion Ratio Lower Upper

92 100

91 170.7 136.6 204.8

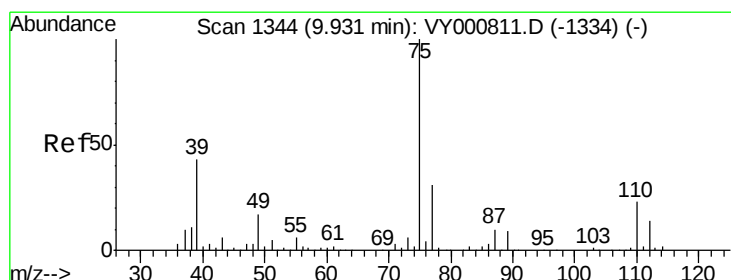
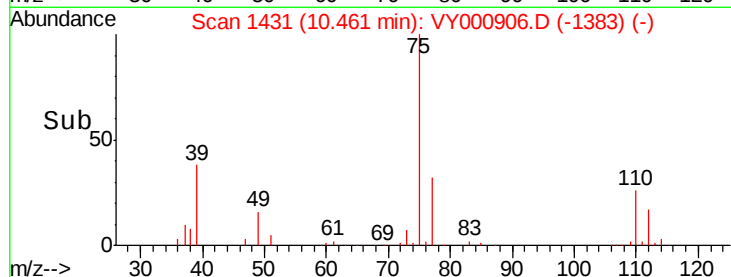
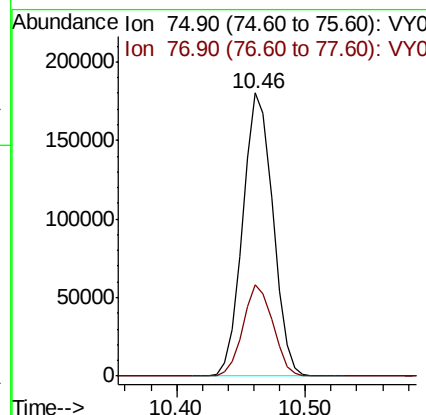
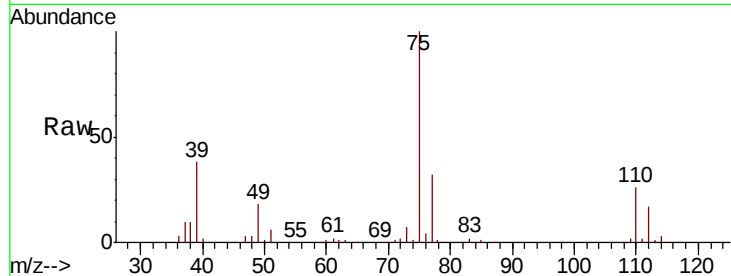




#53
 t-1,3-Dichloropropene
 Concen: 50.656 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

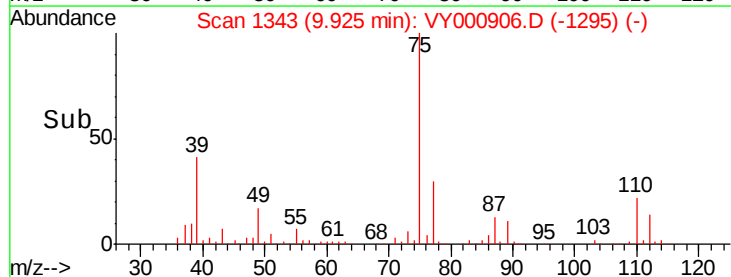
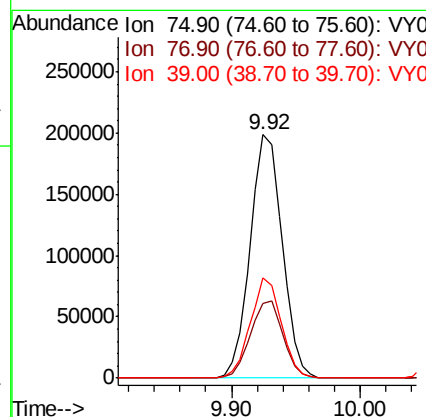
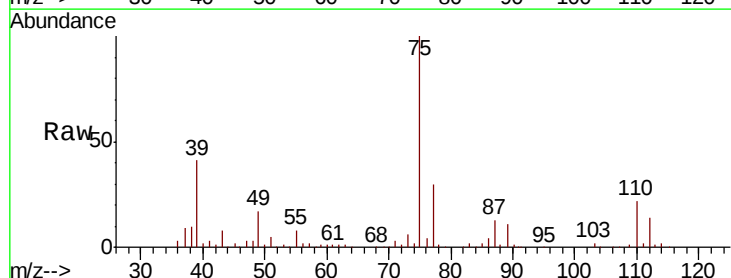
Instrument :
 MSVOA_Y
 ClientSampleId :

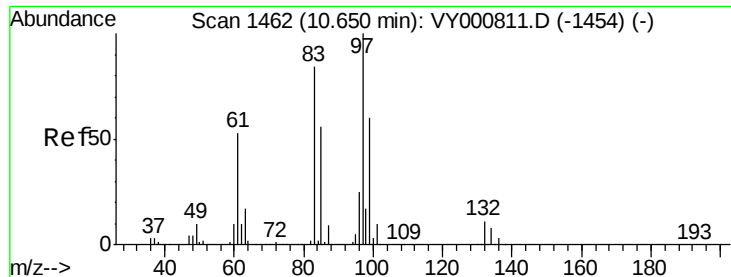
Tot Ion: 75 Resp: 291687
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.964 ug/l
 RT: 9.92 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion: 75 Resp: 340064
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.7 37.1
 39 41.4 34.5 51.7

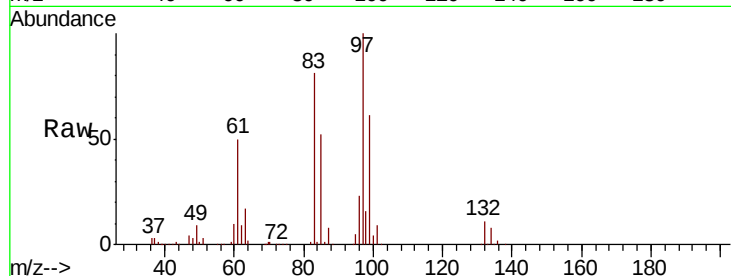




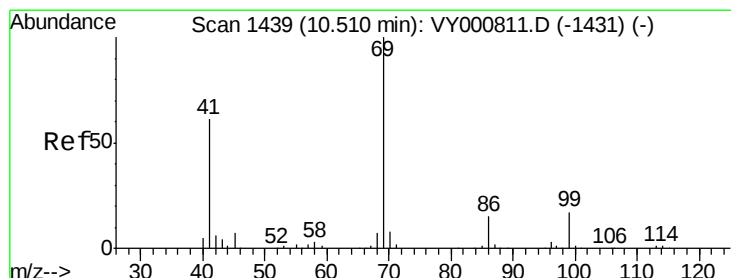
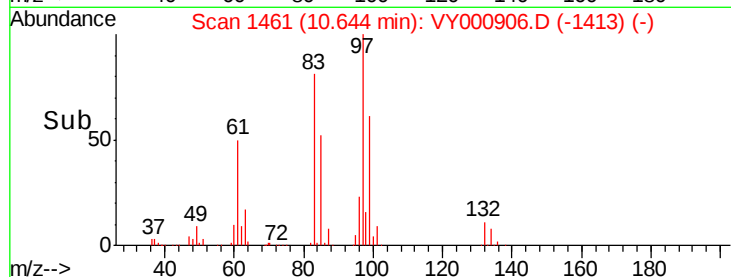
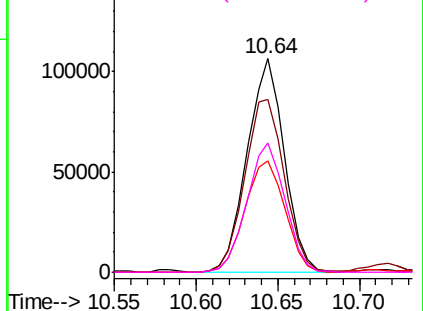
#55
 1,1,2-Trichloroethane
 Concen: 49.987 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 168496
 Ion Ratio Lower Upper
 97 100
 83 80.8 67.5 101.3
 85 52.1 44.5 66.7
 99 60.6 47.7 71.5

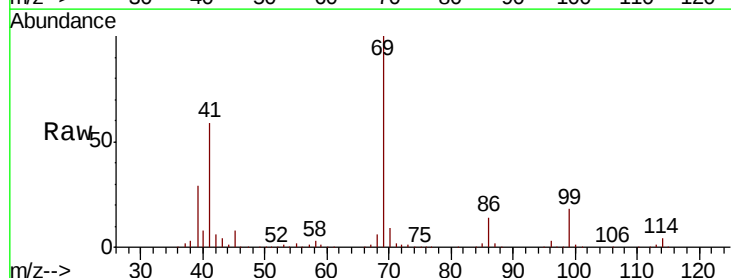


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

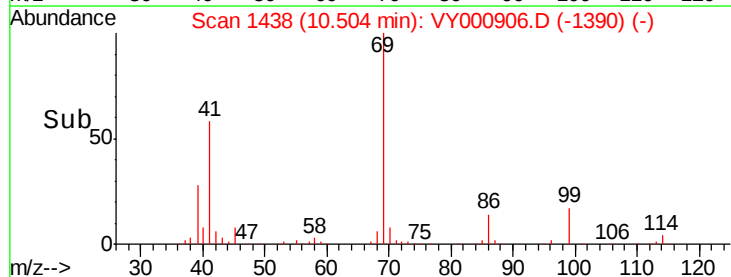
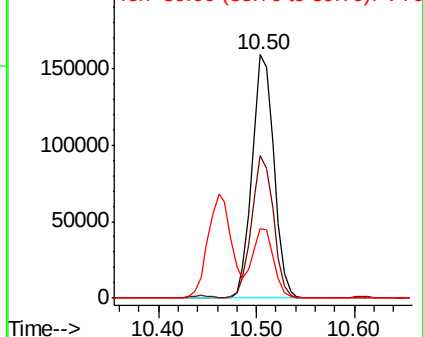


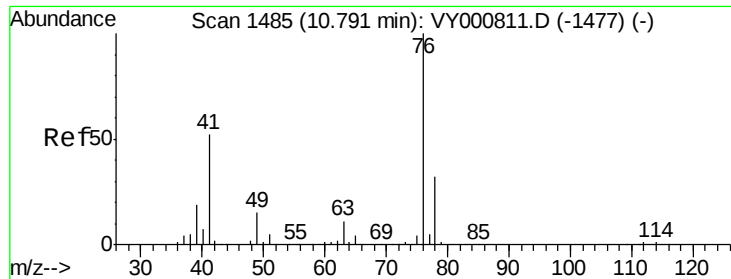
#56
 Ethyl methacrylate
 Concen: 51.272 ug/l
 RT: 10.50 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion: 69 Resp: 247237
 Ion Ratio Lower Upper
 69 100
 41 58.1 49.0 73.6
 39 27.7 23.1 34.7



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

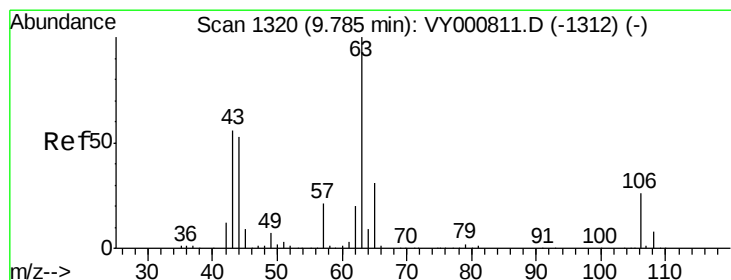
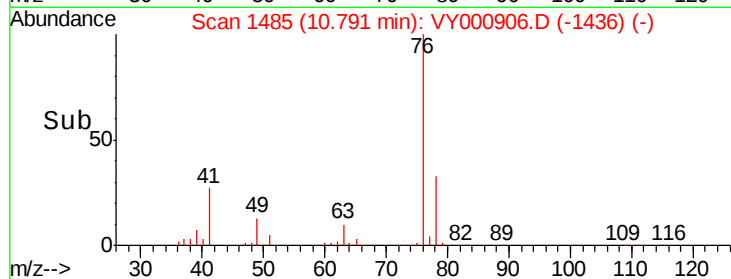
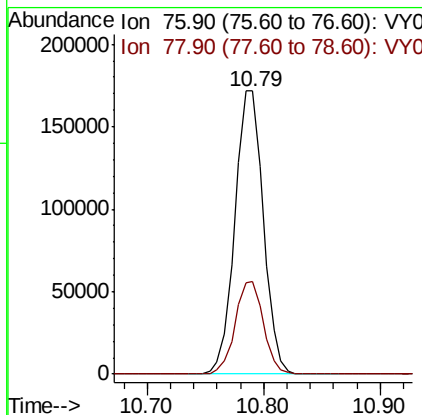
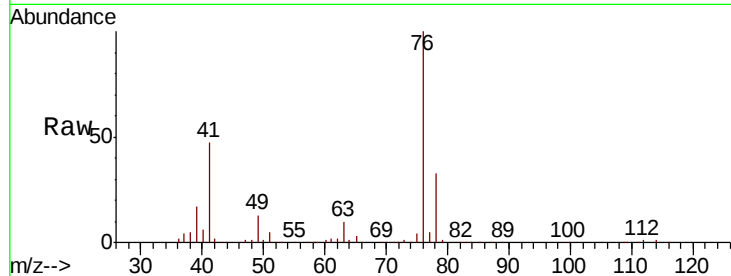




#57
 1,3-Dichloropropane
 Concen: 49.896 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

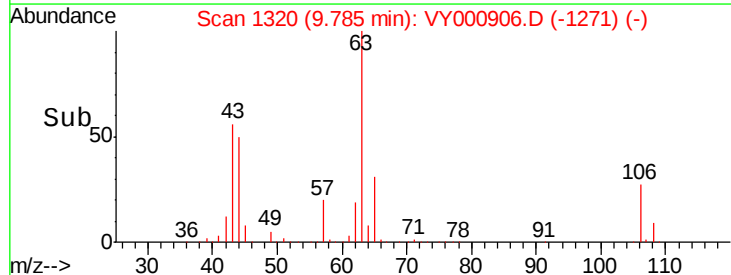
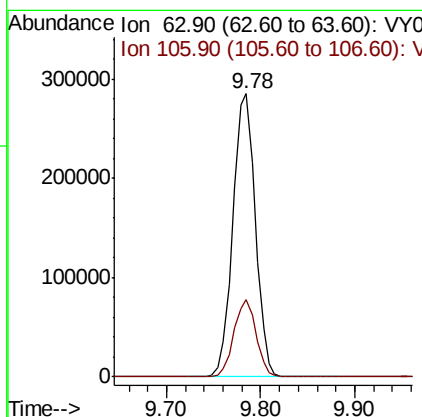
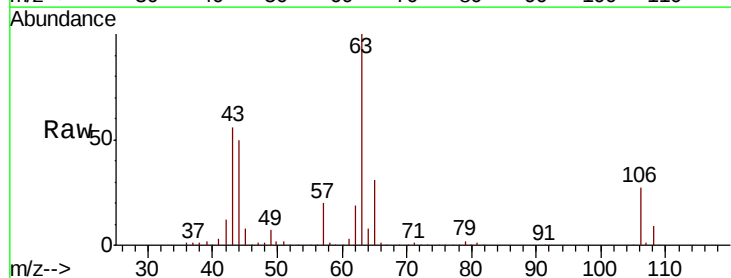
Instrument :
 MSVOA_Y
 ClientSampled :

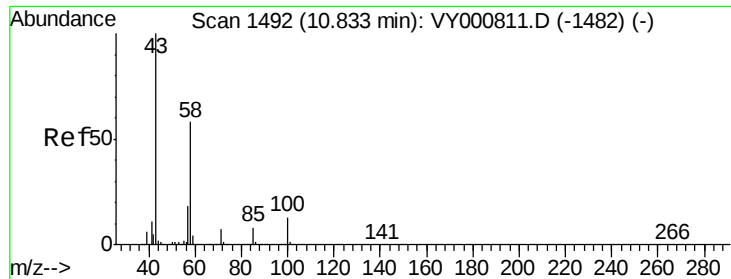
Tot Ion: 76 Resp: 293137
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.613 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion: 63 Resp: 471714
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.5 32.3

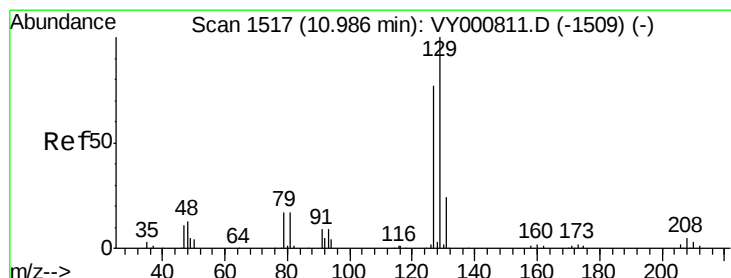
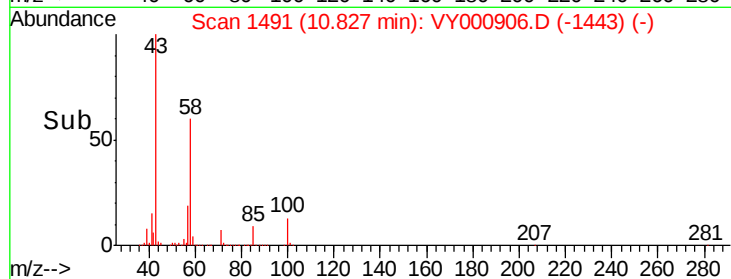
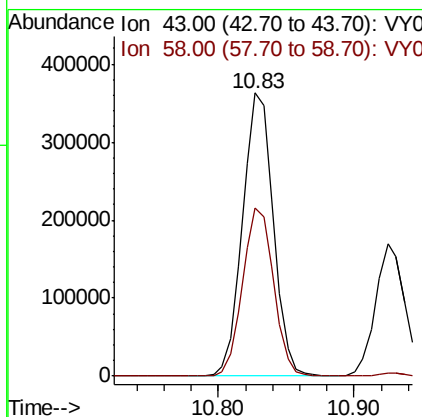
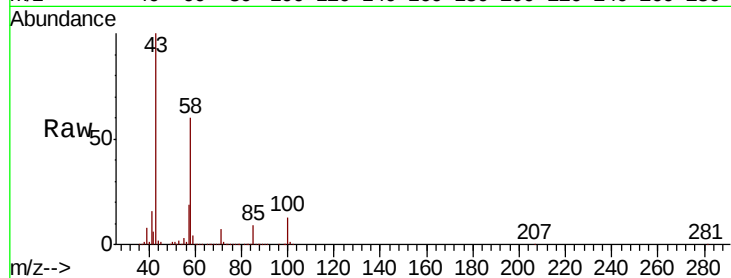




#59
2-Hexanone
Concen: 234.955 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

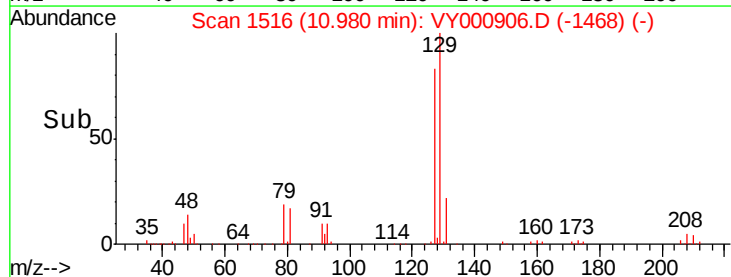
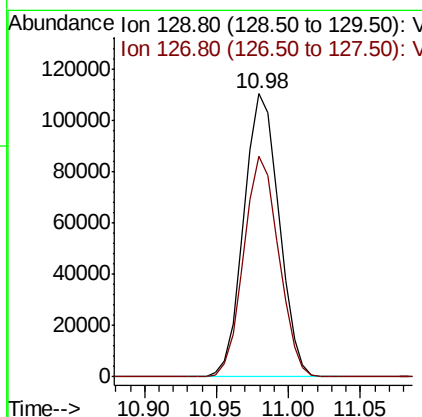
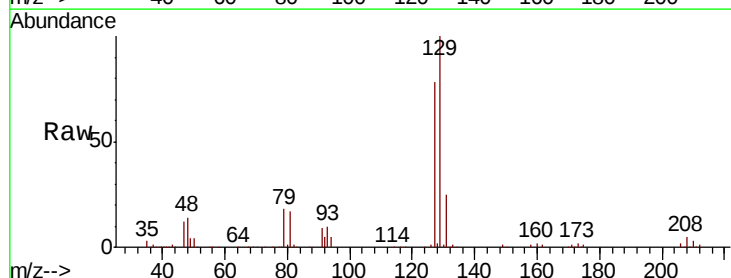
Instrument :
MSVOA_Y
ClientSampled :

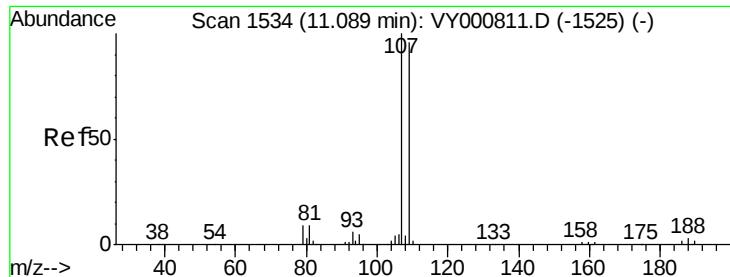
Tot Ion: 43 Resp: 574457
Ion Ratio Lower Upper
43 100
58 59.9 29.0 87.1



#60
Dibromochloromethane
Concen: 51.516 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 129 Resp: 186935
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

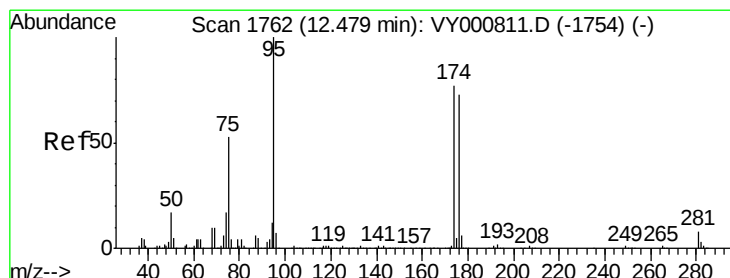
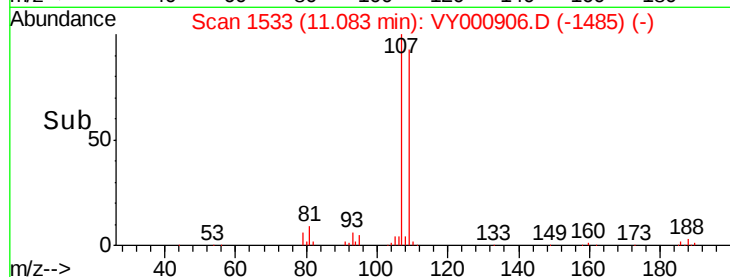
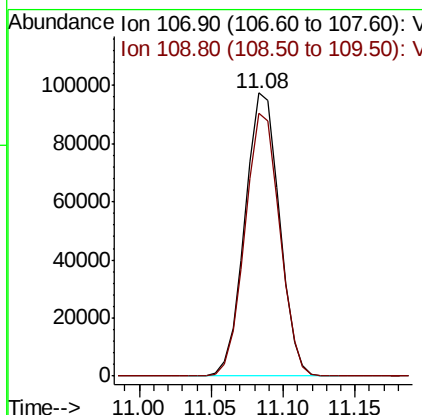
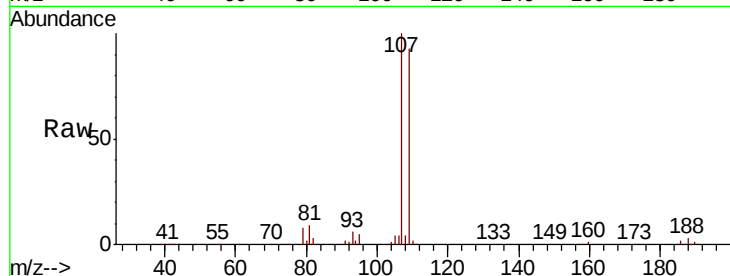




#61
 1,2-Dibromoethane
 Concen: 50.797 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

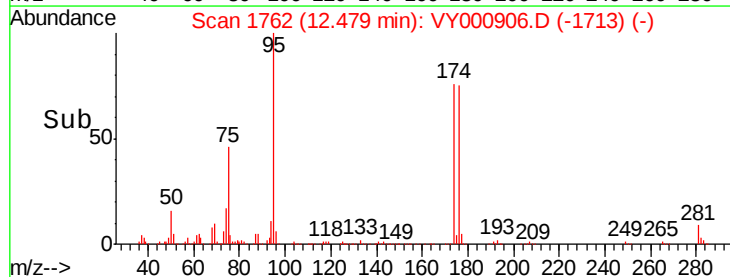
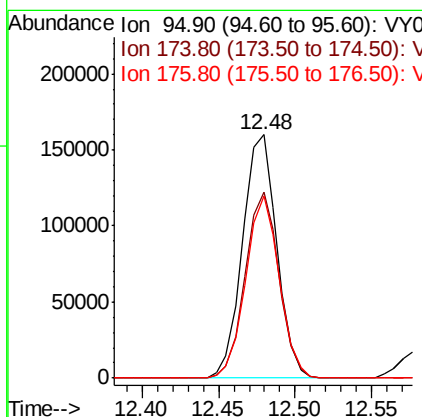
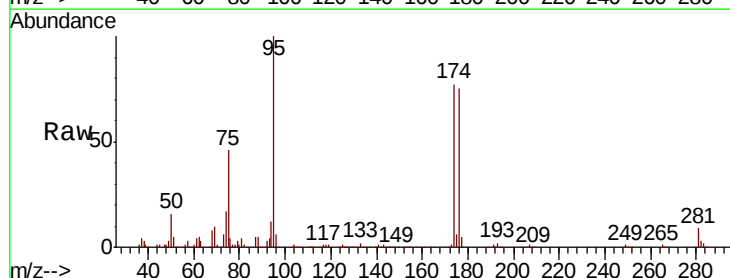
Instrument :
 MSVOA_Y
 ClientSampled :

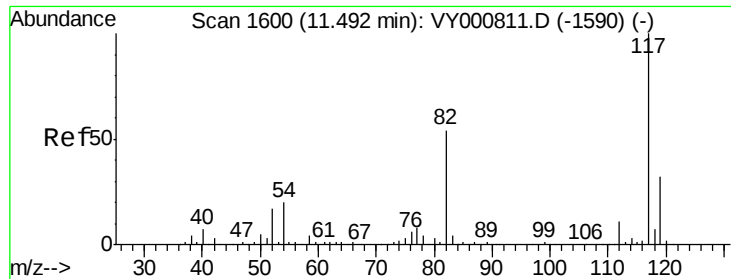
Tot Ion: 107 Resp: 161370
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.251 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion: 95 Resp: 248174
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 150.6
 176 73.4 0.0 145.2

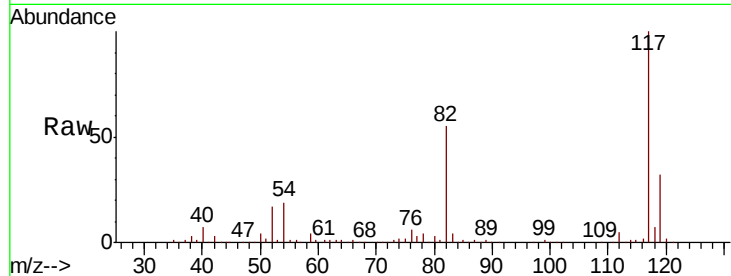




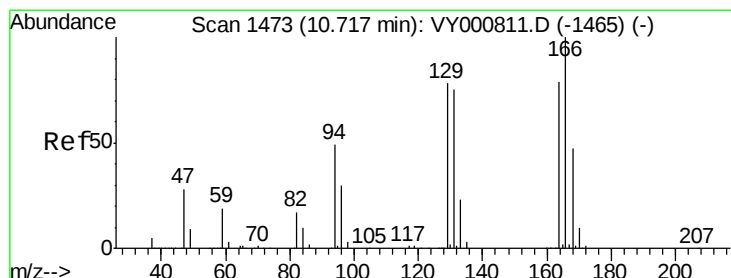
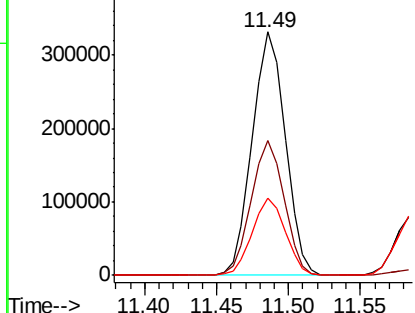
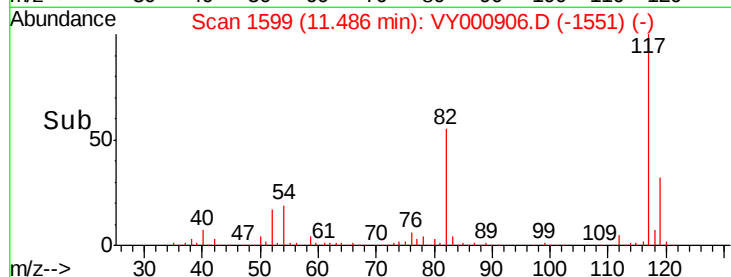
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 528044
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 31.6 25.3 37.9

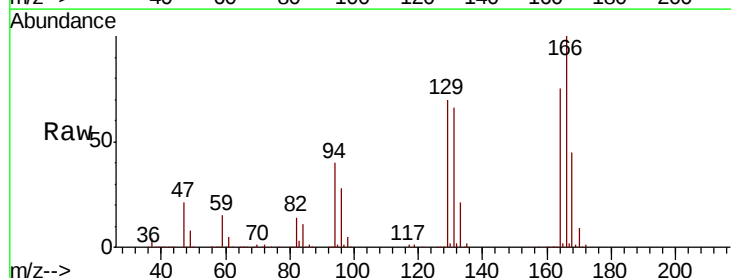


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

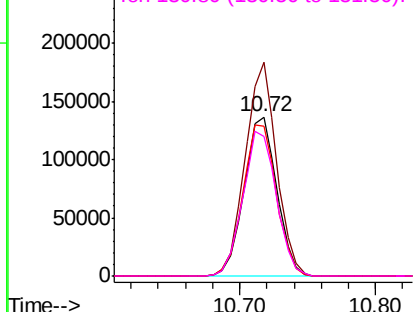
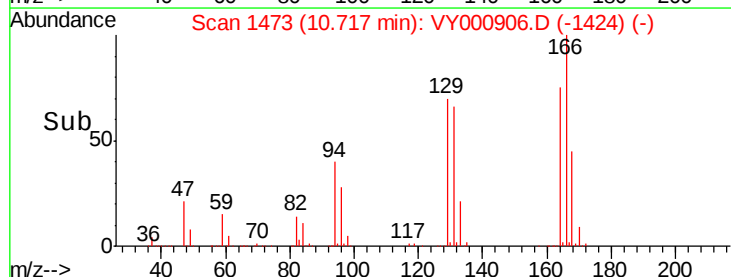


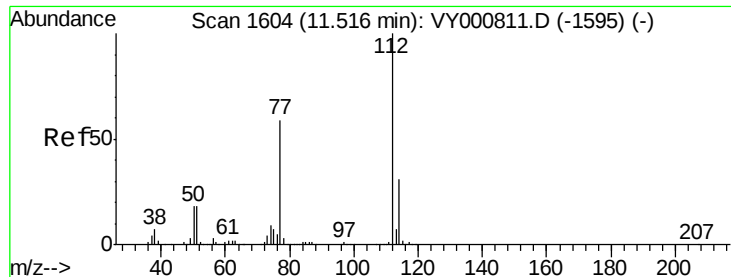
#64
Tetrachloroethene
Concen: 49.942 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion:164 Resp: 229122
Ion Ratio Lower Upper
164 100
166 134.2 101.8 152.8
129 93.8 79.3 118.9
131 88.0 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

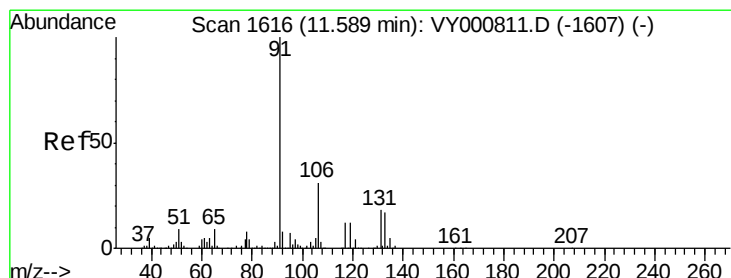
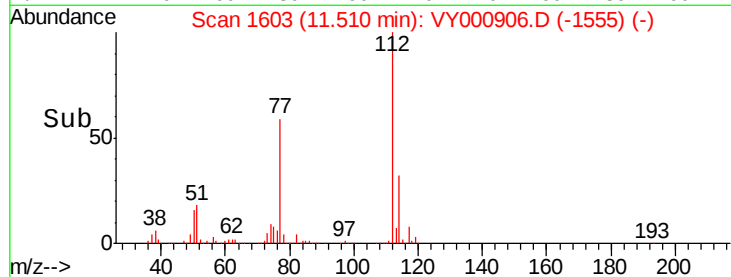
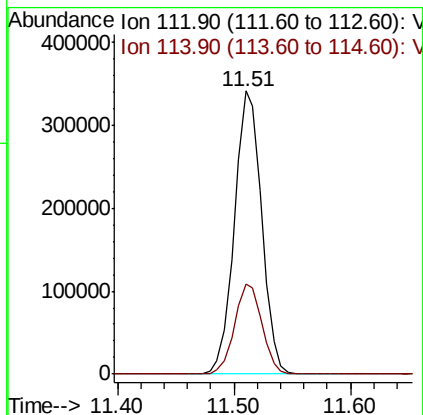
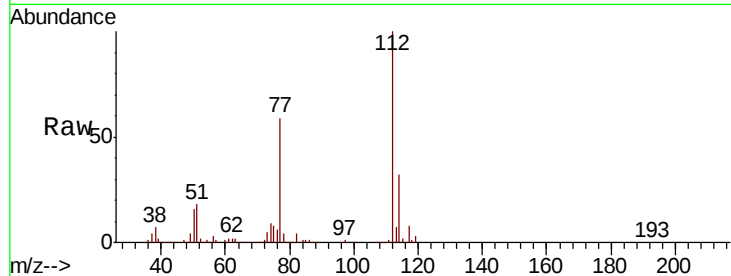




#65
Chlorobenzene
Concen: 50.479 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

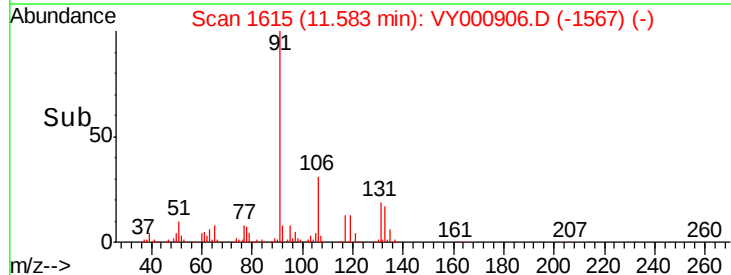
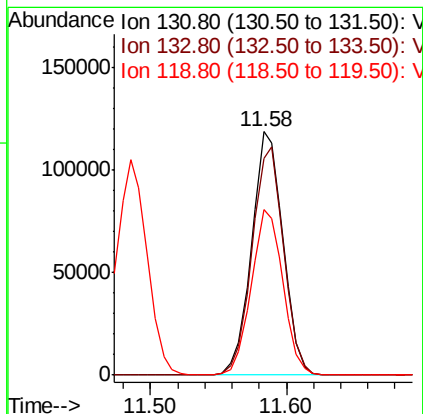
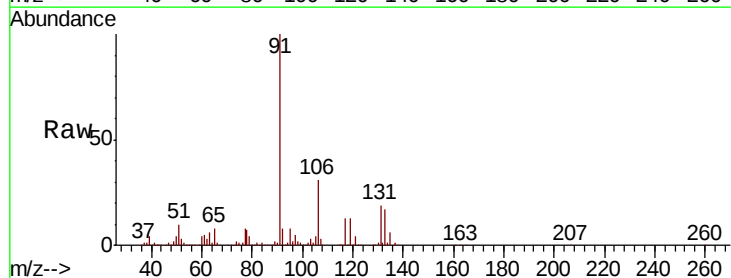
Instrument :
MSVOA_Y
ClientSampleId :

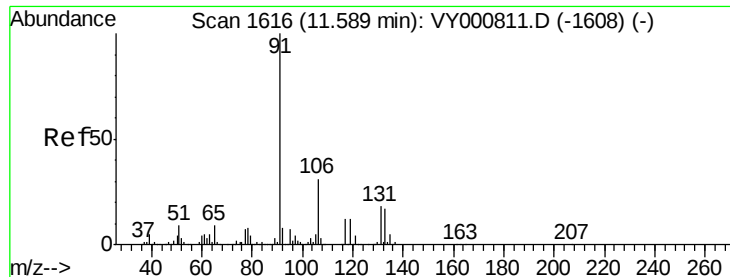
Tot Ion:112 Resp: 554065
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.791 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion:131 Resp: 191575
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.2
119 68.4 33.8 101.3





#67

Ethyl Benzene

Concen: 50.009 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

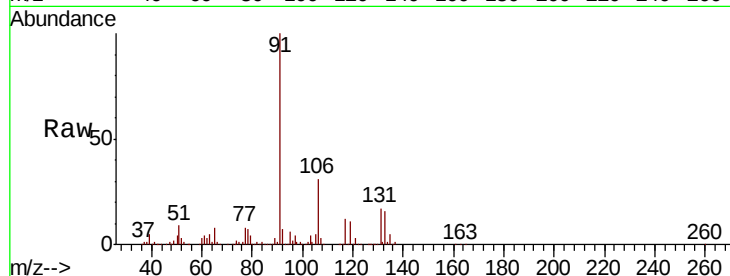
ClientSampled :

Tot Ion: 91 Resp: 1022284

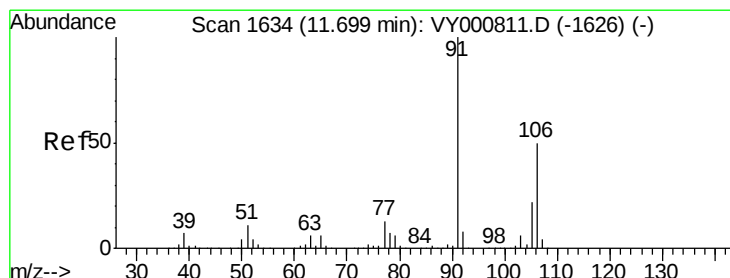
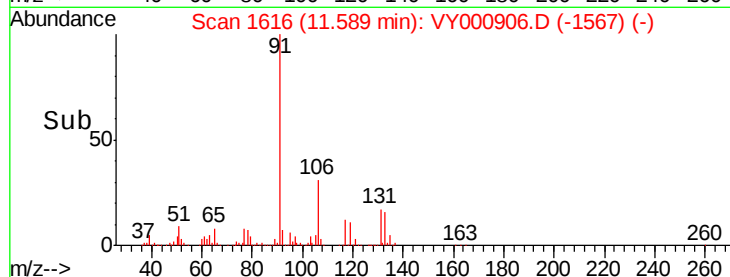
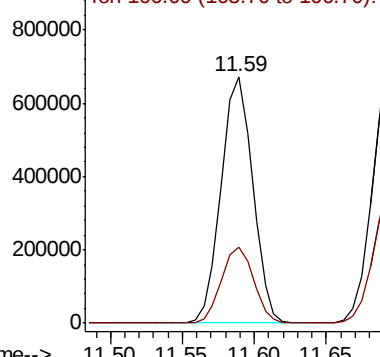
Ion Ratio Lower Upper

91 100

106 30.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1608) (-)



#68

m/p-Xylenes

Concen: 99.641 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000906.D

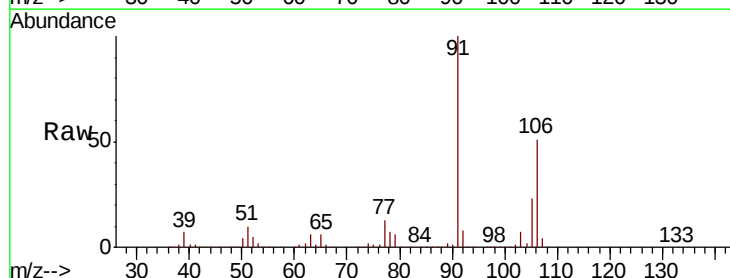
Acq: 09 Dec 2019 11:00

Tgt Ion: 106 Resp: 764519

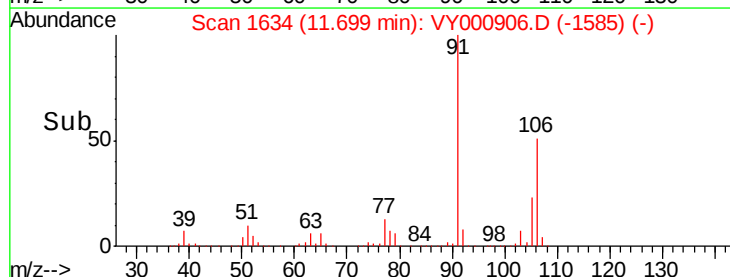
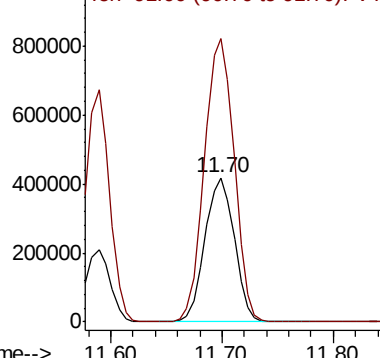
Ion Ratio Lower Upper

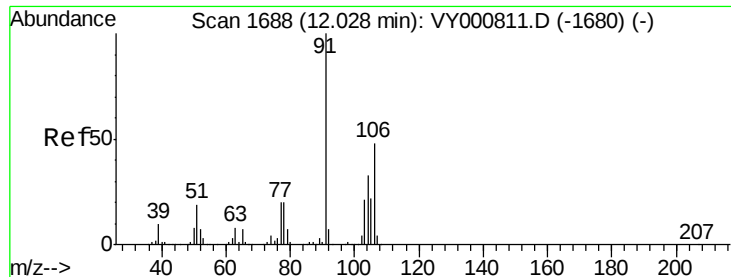
106 100

91 198.6 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): VY000811.D (-1626) (-)

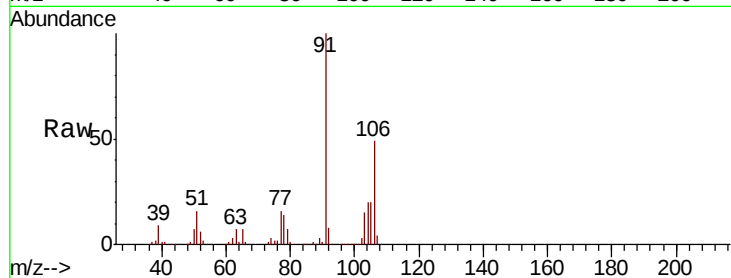




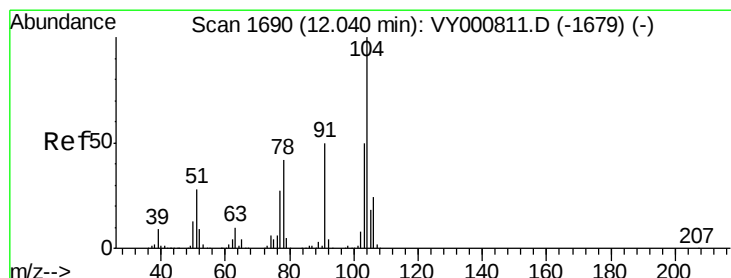
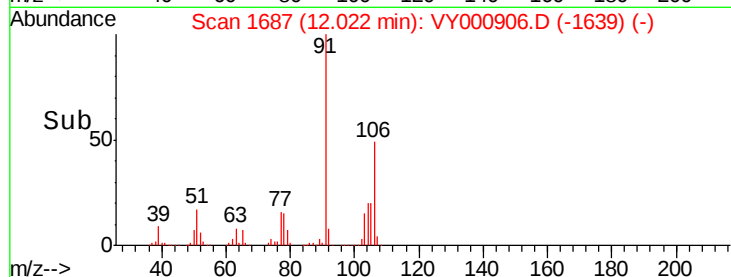
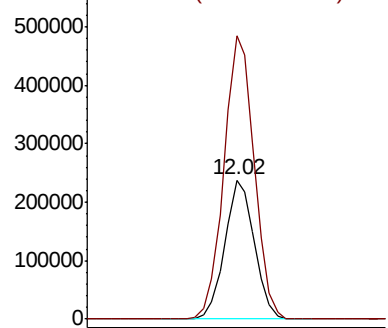
#69
o-Xylene
Concen: 50.674 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 362521
Ion Ratio Lower Upper
106 100
91 208.3 106.1 318.1

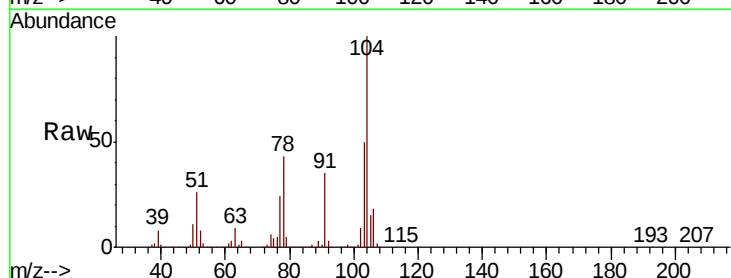


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

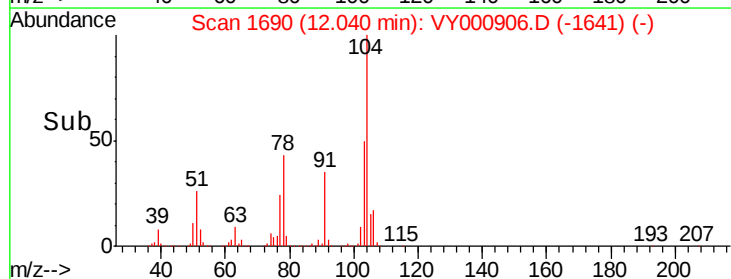
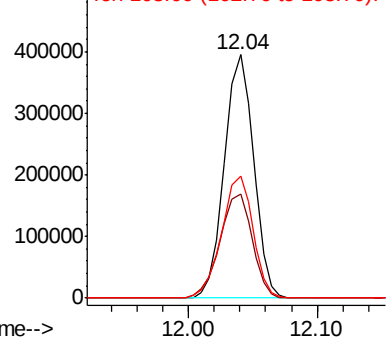


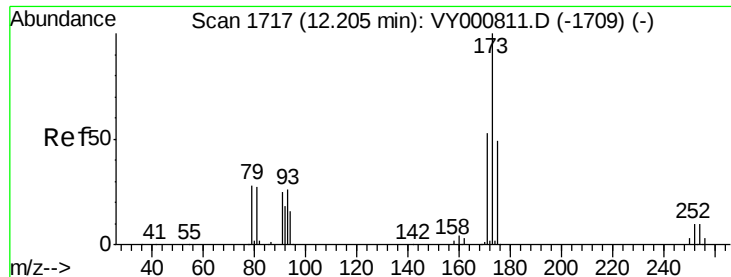
#70
Styrene
Concen: 50.630 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion:104 Resp: 620207
Ion Ratio Lower Upper
104 100
78 47.1 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: 52.153 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampled :

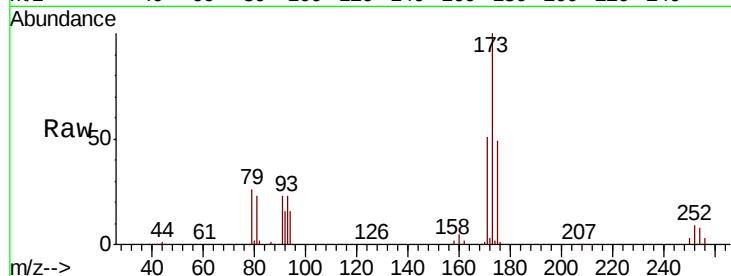
Tot Ion:173 Resp: 108804

Ion Ratio Lower Upper

173 100

175 49.3 24.5 73.5

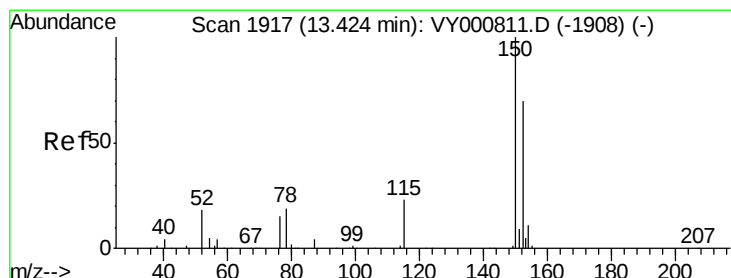
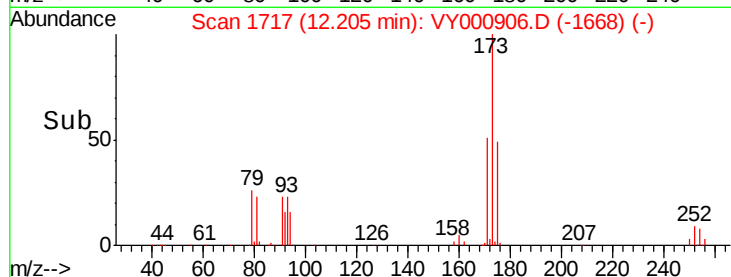
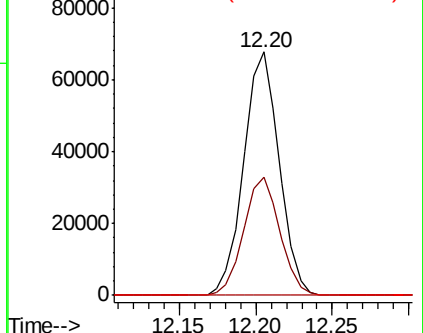
254 0.1 0.0 0.0#



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: VY000906.D

Acq: 09 Dec 2019 11:00

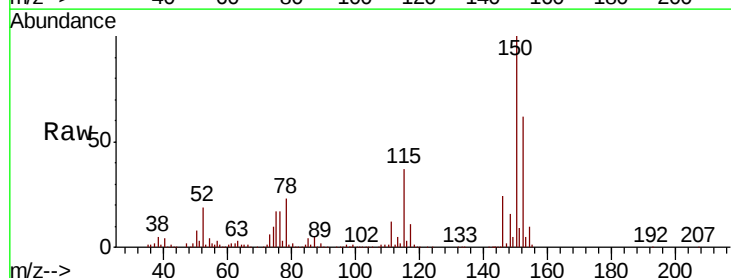
Tgt Ion:152 Resp: 245081

Ion Ratio Lower Upper

152 100

115 59.2 29.3 87.8

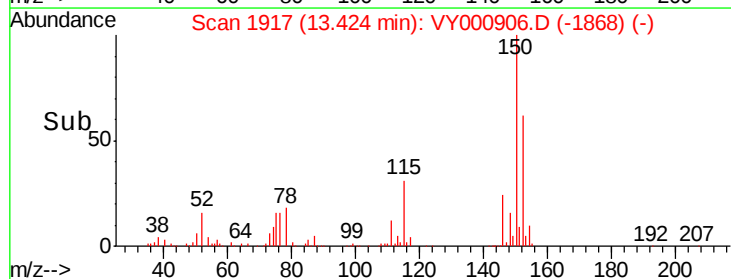
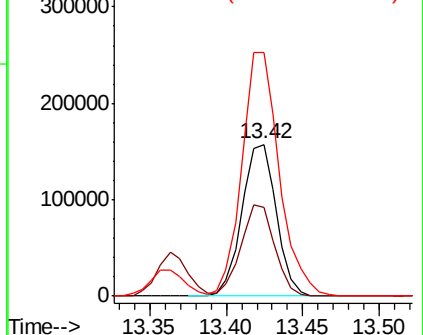
150 174.9 0.0 351.2

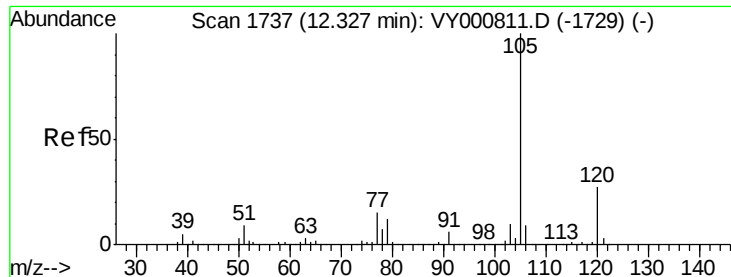


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.065 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

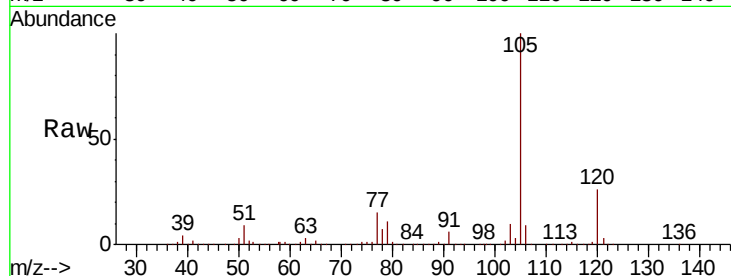
ClientSampleId :

Tot Ion: 105 Resp: 976963

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

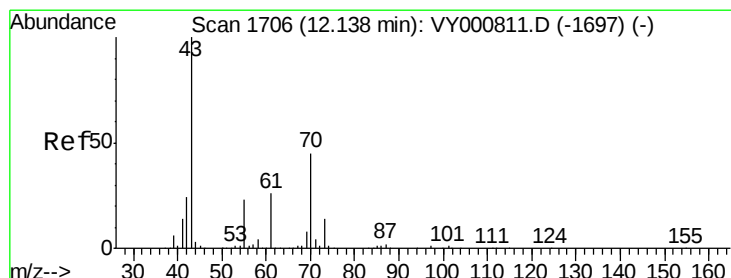
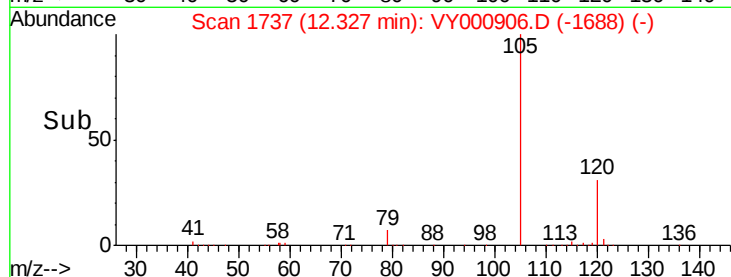
400000

200000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 49.096 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Tgt Ion: 43 Resp: 266660

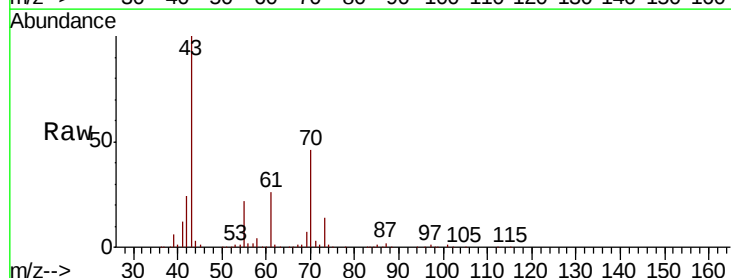
Ion Ratio Lower Upper

43 100

70 46.4 36.6 54.8

55 23.2 18.8 28.2

61 27.0 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

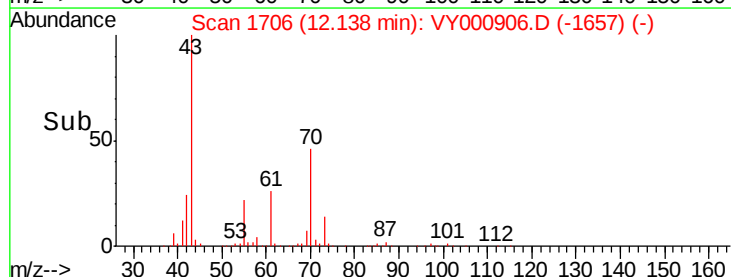
100000

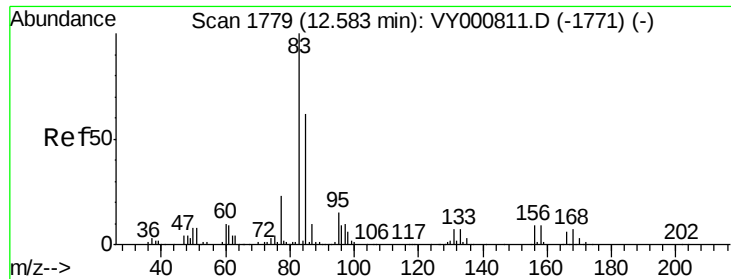
50000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 48.620 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampleId :

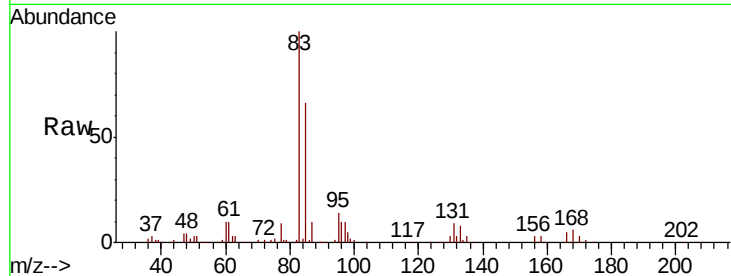
Tot Ion: 83 Resp: 186941

Ion Ratio Lower Upper

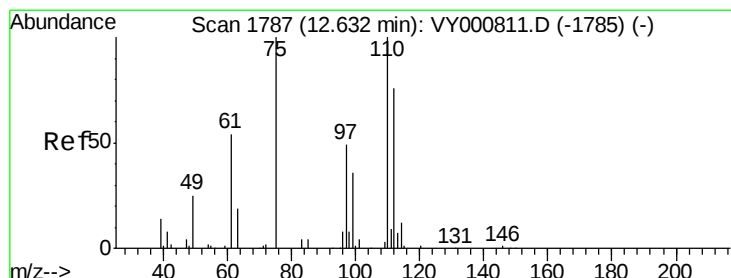
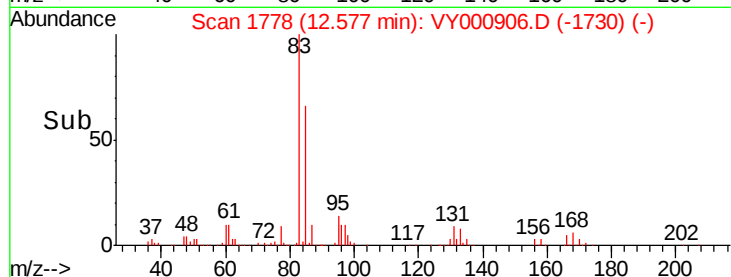
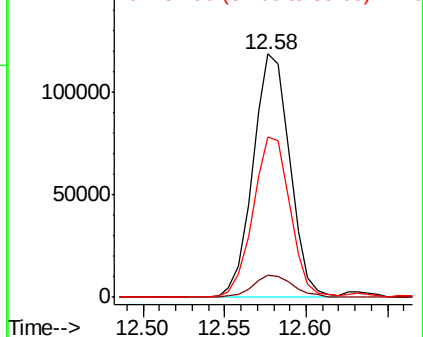
83 100

131 10.0 4.3 13.1

85 66.4 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: 93.932 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000906.D

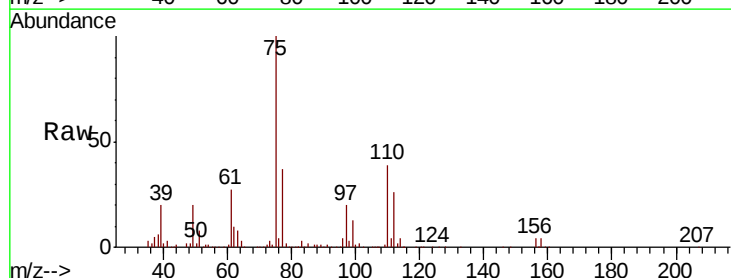
Acq: 09 Dec 2019 11:00

Tgt Ion: 75 Resp: 260825

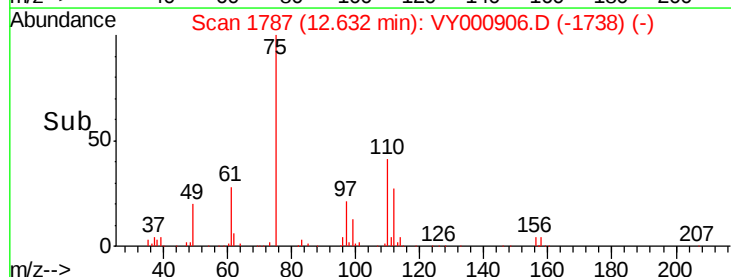
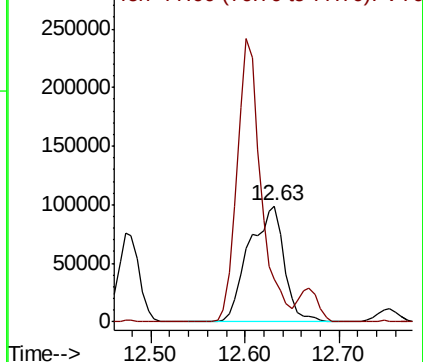
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 50.489 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampled :

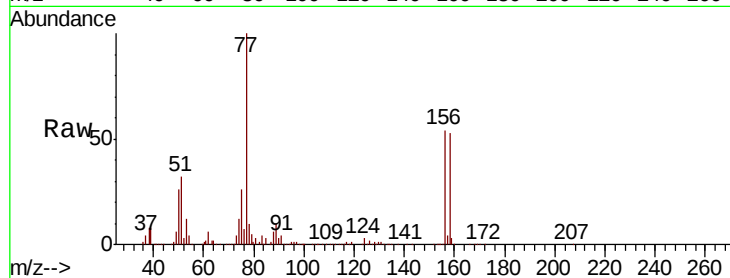
Tot Ion:156 Resp: 213565

Ion Ratio Lower Upper

156 100

77 201.1 102.6 307.7

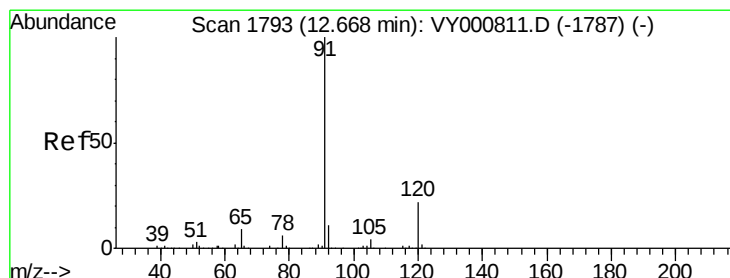
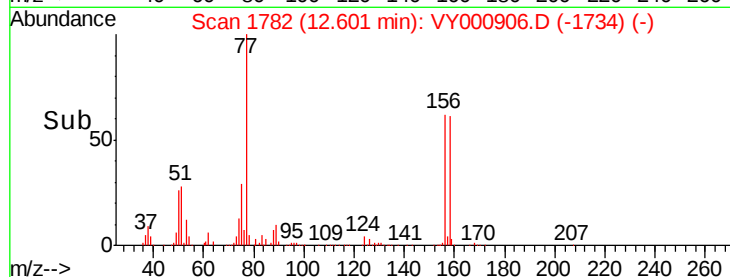
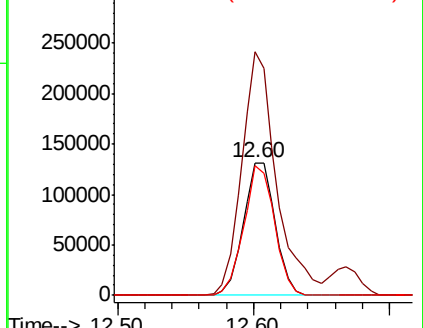
158 95.4 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.843 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000906.D

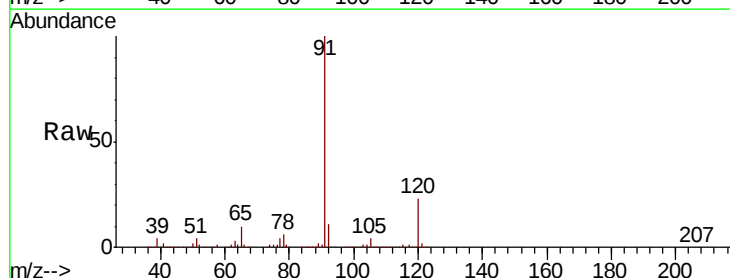
Acq: 09 Dec 2019 11:00

Tgt Ion: 91 Resp: 1187593

Ion Ratio Lower Upper

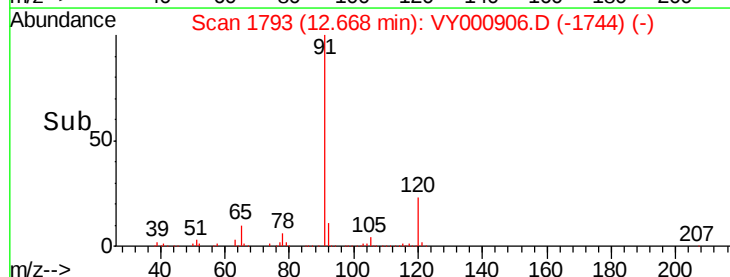
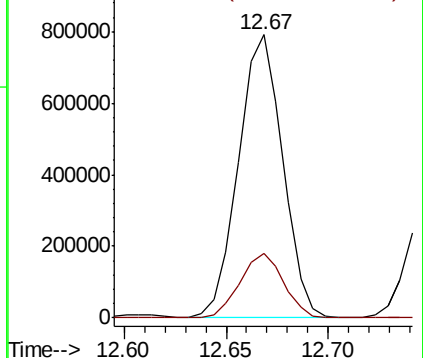
91 100

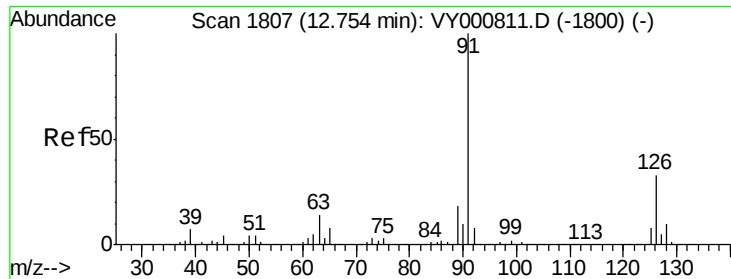
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

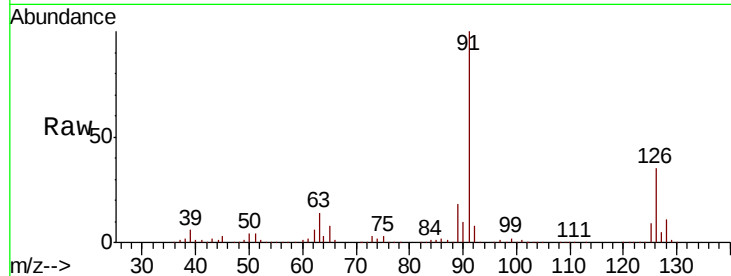




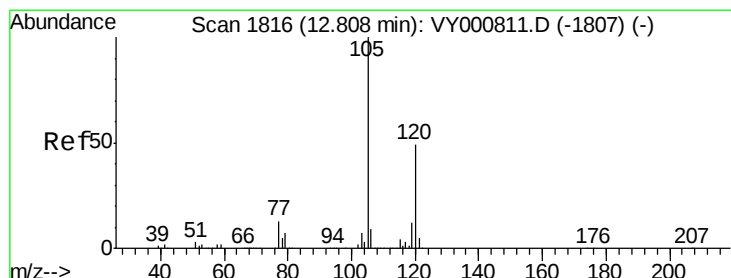
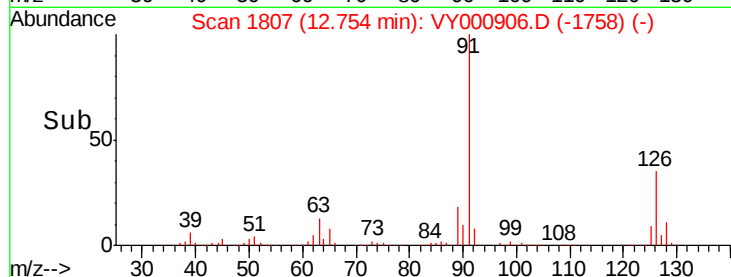
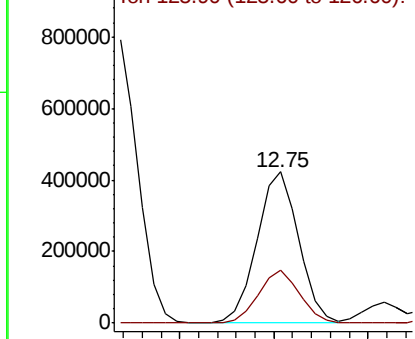
#79
 2-Chlorotoluene
 Concen: 49.115 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 91 Resp: 646510
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.0 51.0

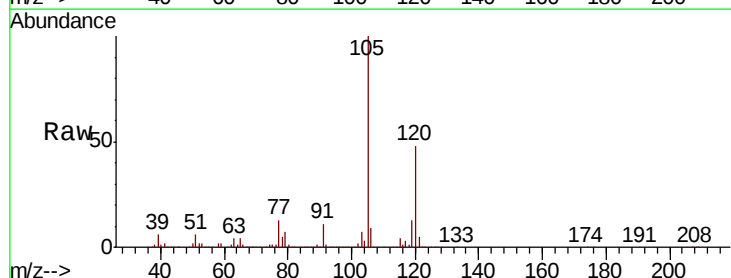


Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)
 Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

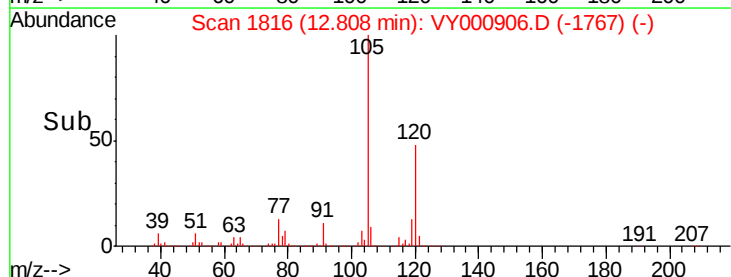
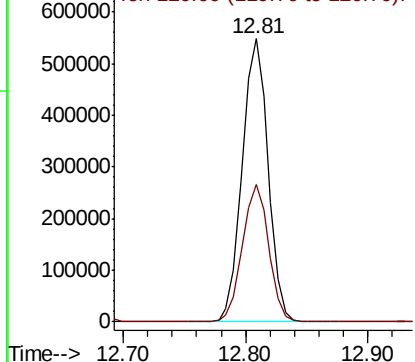


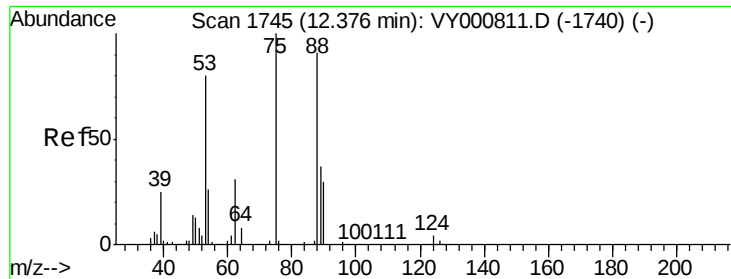
#80
 1,3,5-Trimethylbenzene
 Concen: 49.770 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion: 105 Resp: 804141
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)
 Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.676 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampleId :

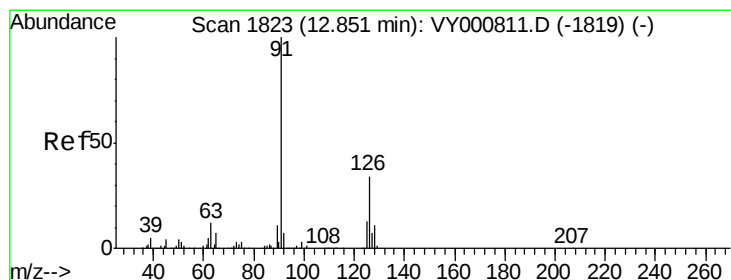
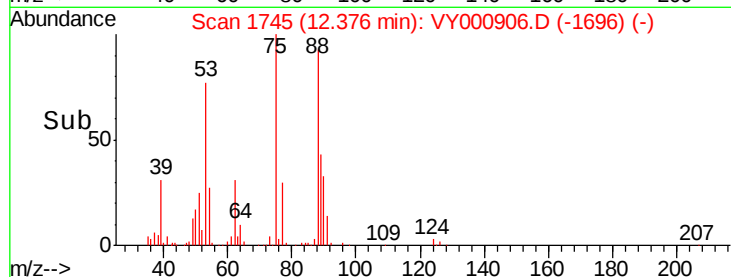
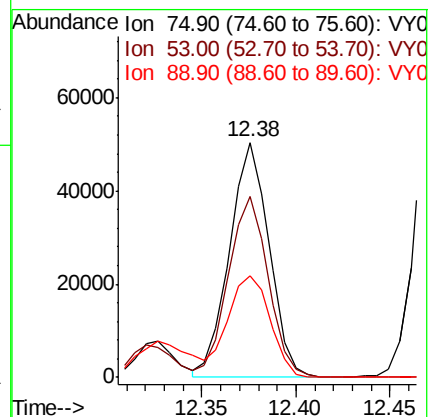
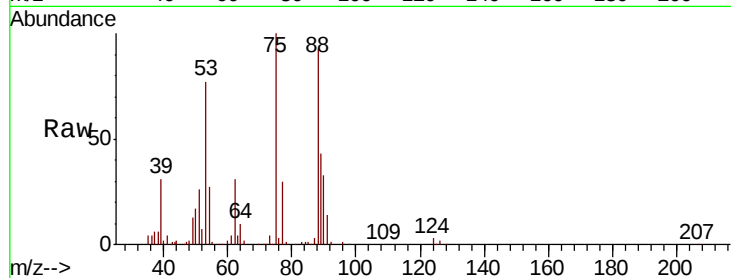
Tot Ion: 75 Resp: 73050

Ion Ratio Lower Upper

75 100

53 78.5 64.6 96.8

89 46.7 33.6 50.4



#82

4-Chlorotoluene

Concen: 50.452 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000906.D

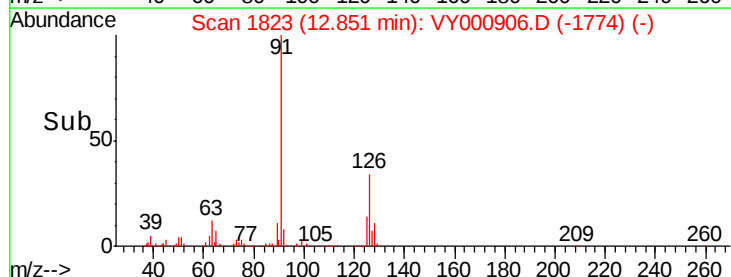
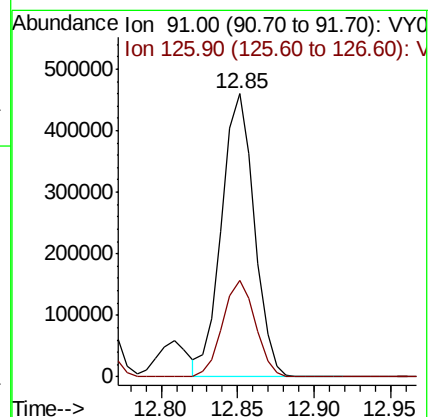
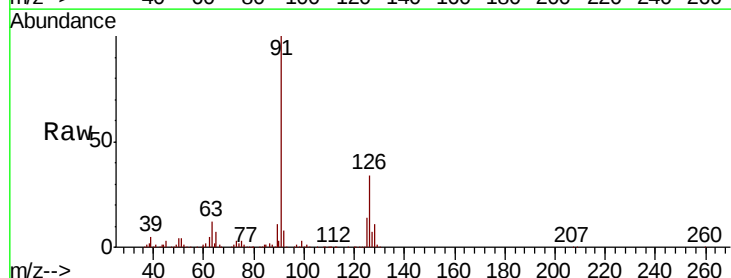
Acq: 09 Dec 2019 11:00

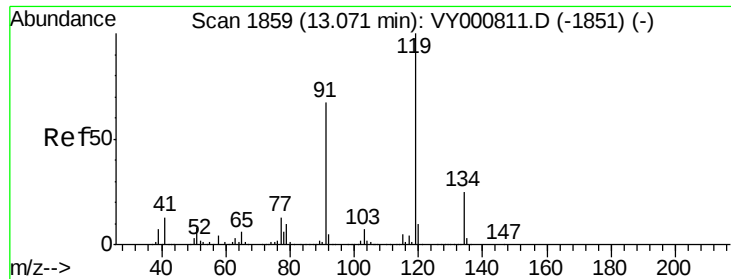
Tgt Ion: 91 Resp: 684209

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.9

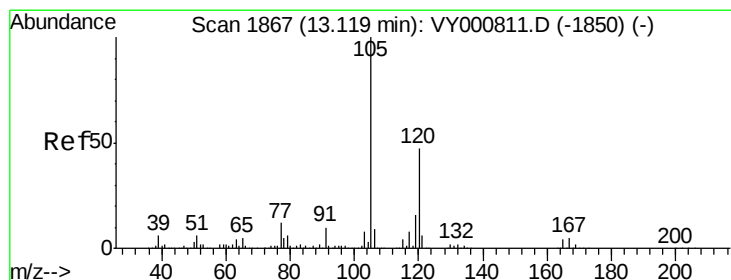
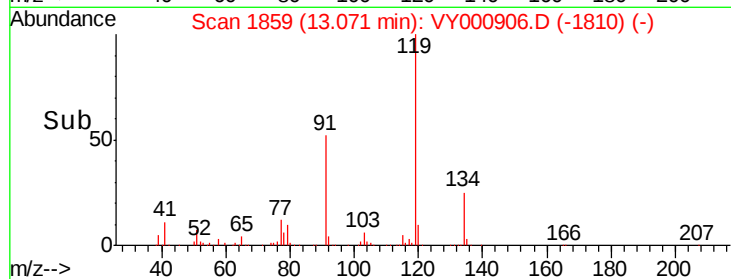
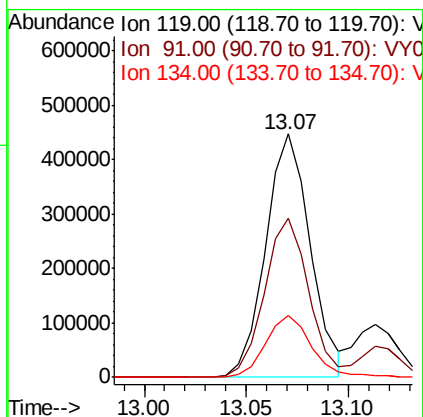
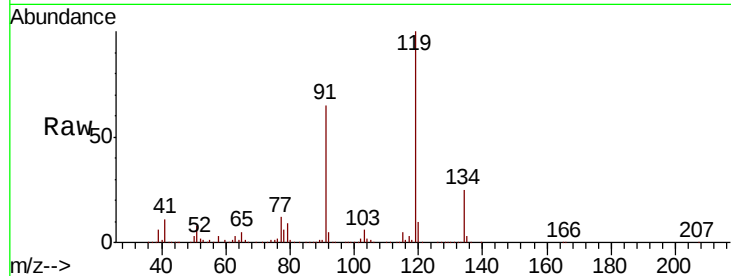




#83
tert-Butylbenzene
Concen: 50.185 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

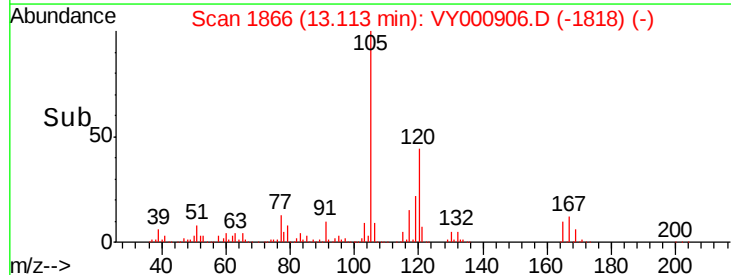
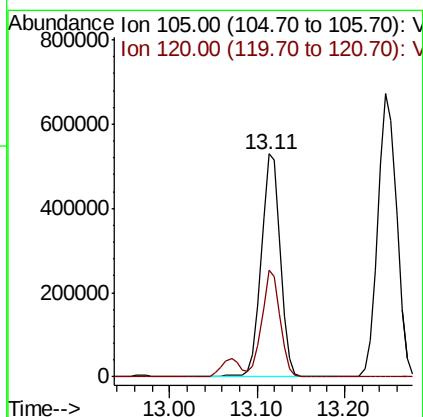
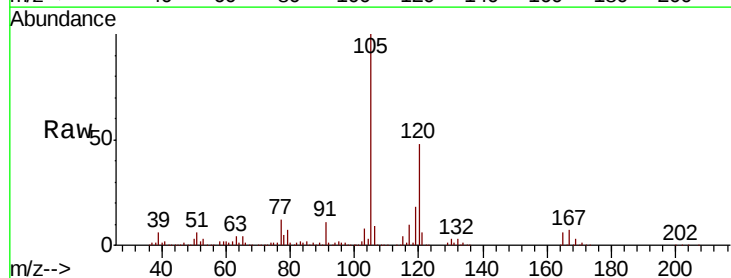
Instrument :
MSVOA_Y
ClientSampled :

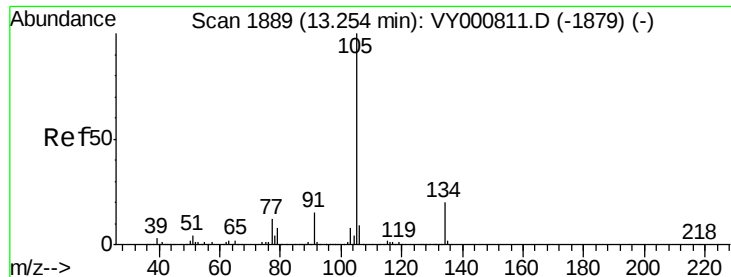
Tot Ion:119 Resp: 681711
Ion Ratio Lower Upper
119 100
91 64.5 32.3 96.8
134 26.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 49.746 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion:105 Resp: 804137
Ion Ratio Lower Upper
105 100
120 45.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 50.835 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

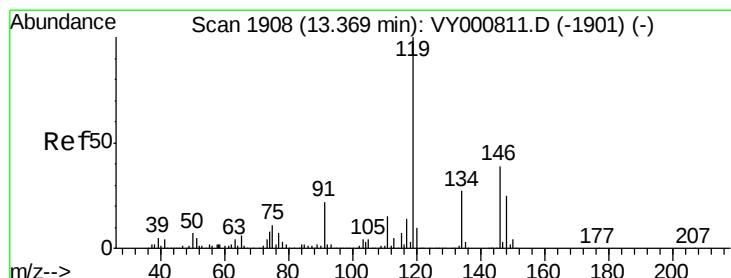
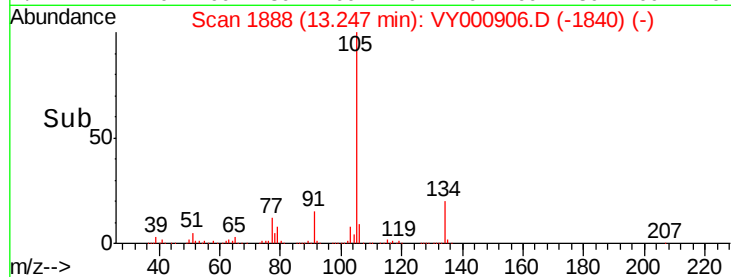
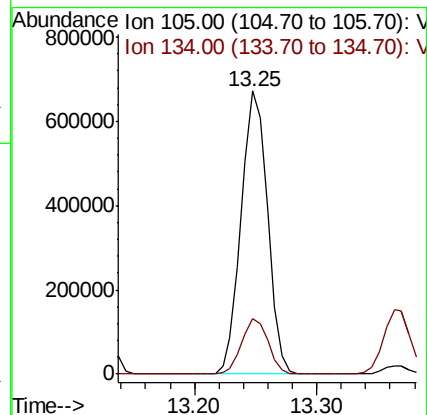
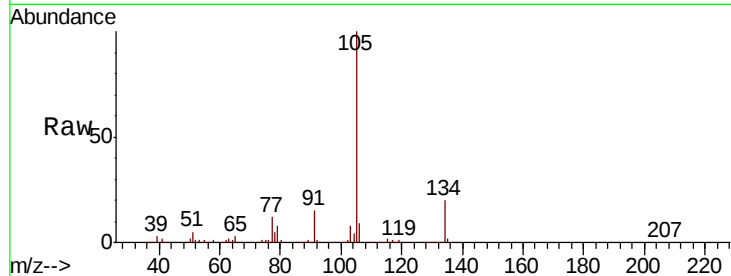
ClientSampleId :

Tot Ion:105 Resp: 1004281

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.606 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

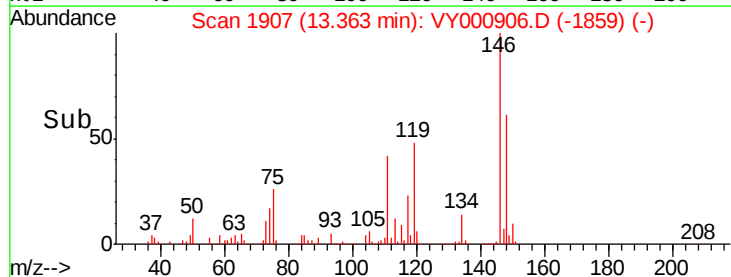
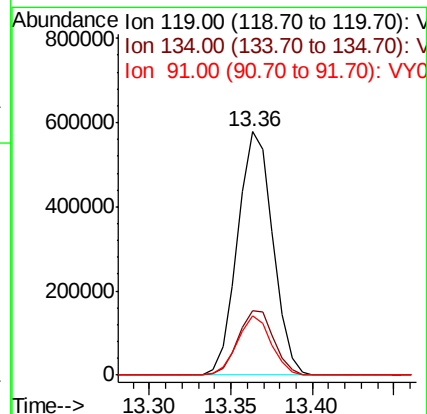
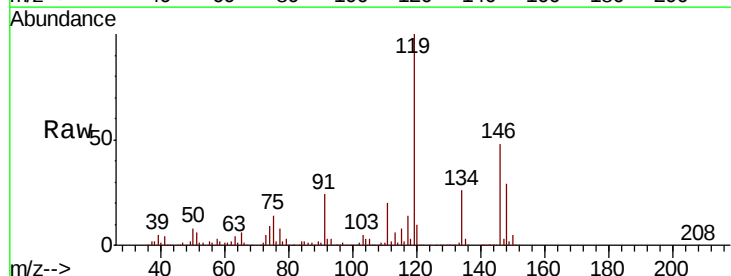
Tgt Ion:119 Resp: 869567

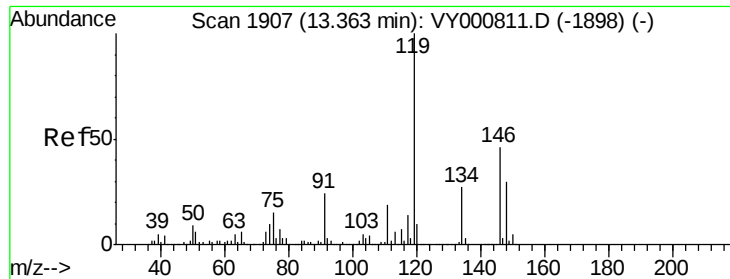
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 23.2 11.5 34.5

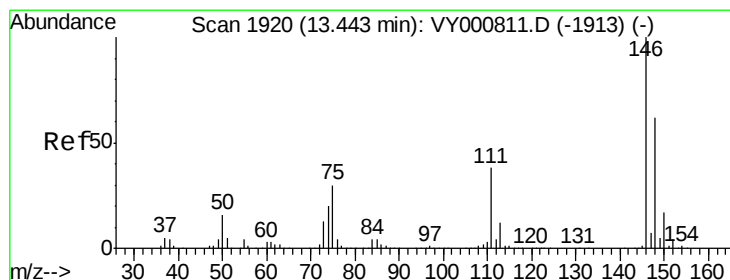
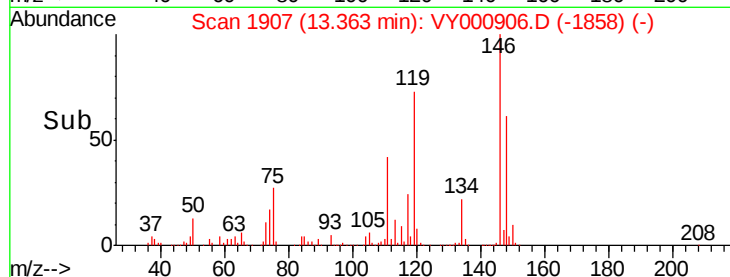
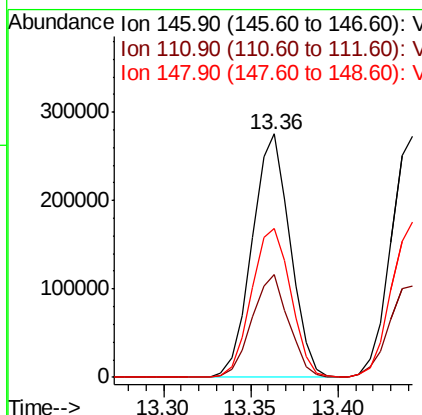
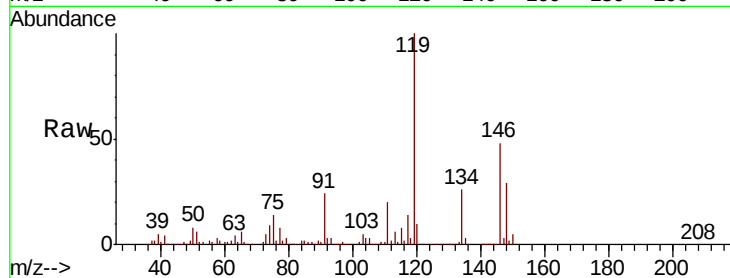




#87
 1,3-Dichlorobenzene
 Concen: 50.075 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

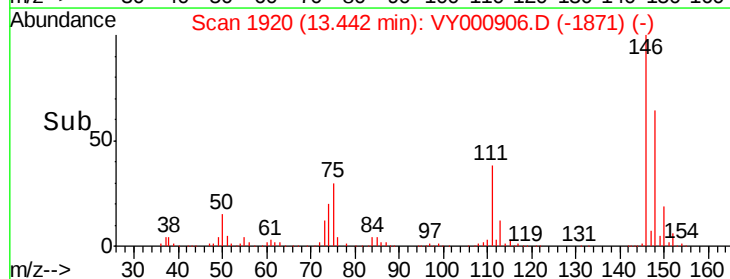
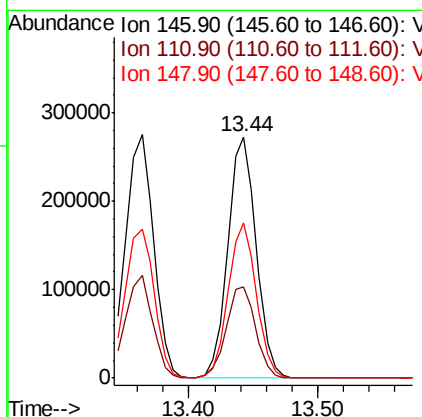
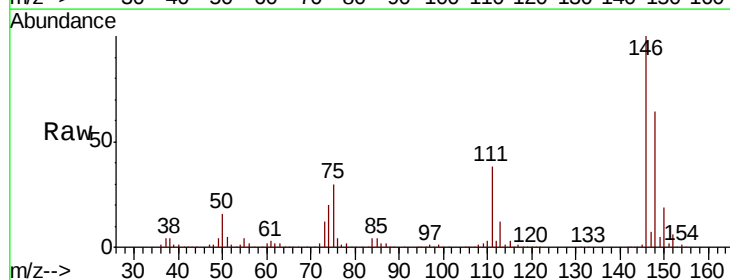
Instrument :
 MSVOA_Y
 ClientSampleId :

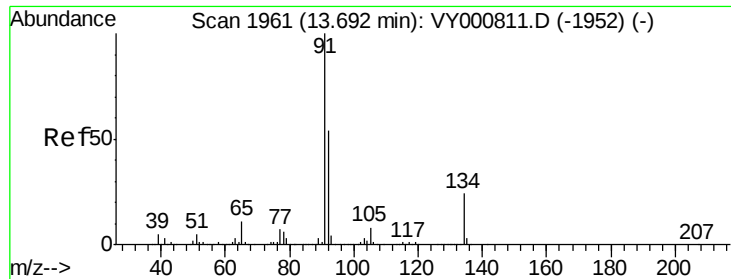
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	60.0
148	63.3	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.013 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	59.9
148	63.5	31.7	95.1

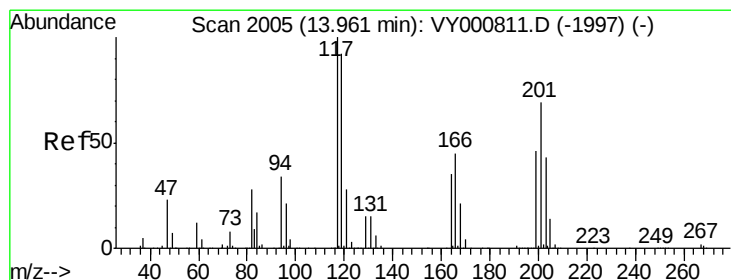
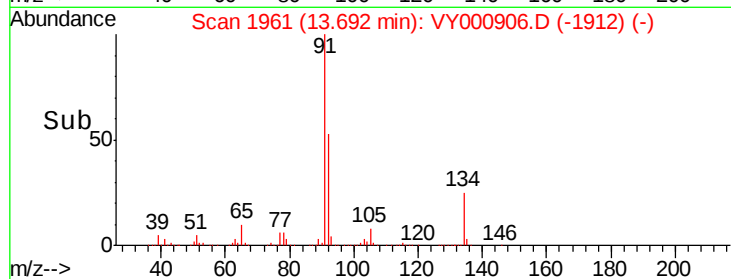
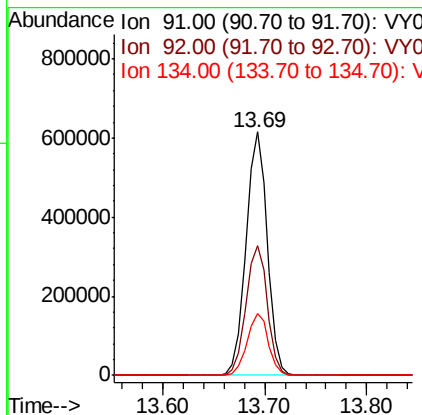
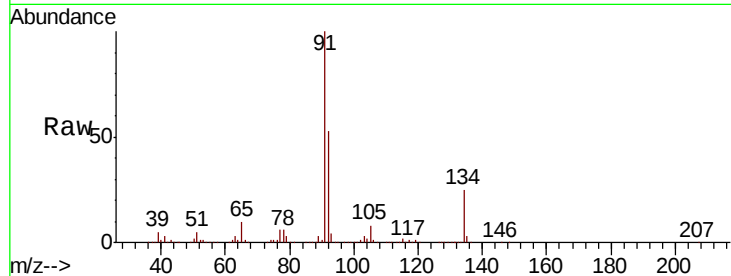




#89
n-Butylbenzene
Concen: 50.992 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

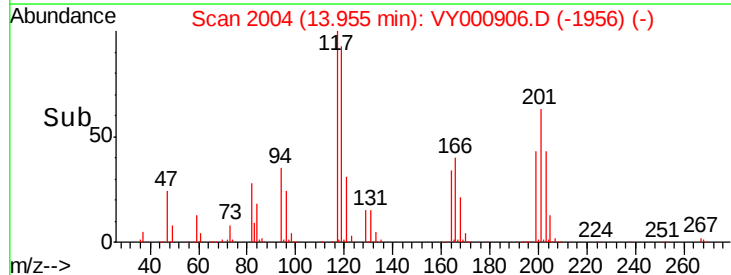
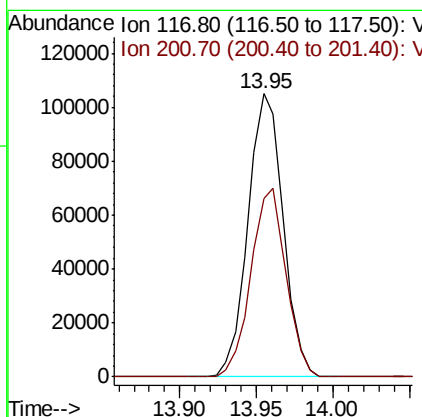
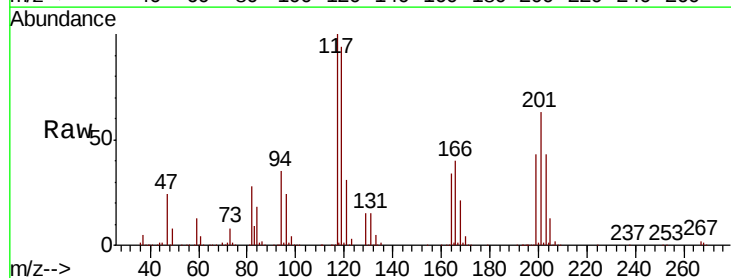
Instrument :
MSVOA_Y
ClientSampled :

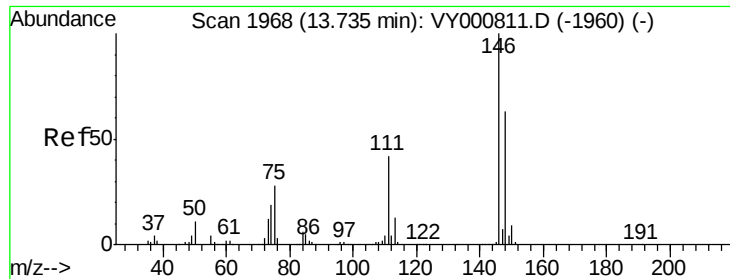
Tot Ion: 91 Resp: 885887
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 25.3 12.6 37.6



#90
Hexachloroethane
Concen: 53.035 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion: 117 Resp: 167875
Ion Ratio Lower Upper
117 100
201 66.7 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 50.782 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

Instrument :

MSVOA_Y

ClientSampleId :

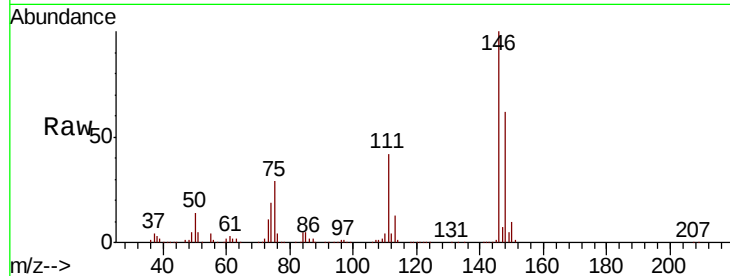
Tot Ion:146 Resp: 379028

Ion Ratio Lower Upper

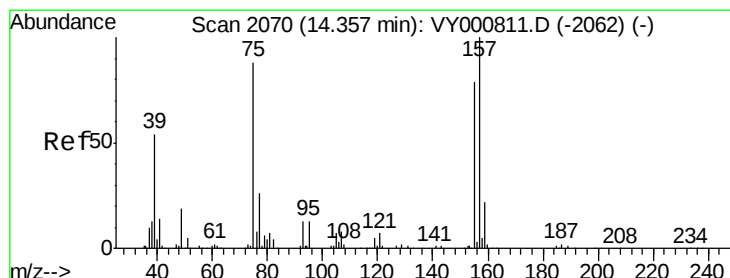
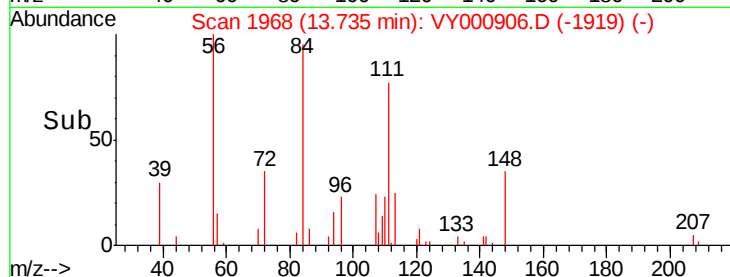
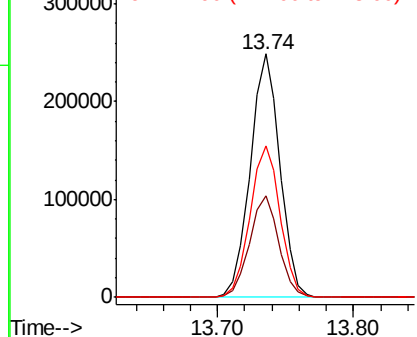
146 100

111 41.2 20.9 62.7

148 63.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.282 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000906.D

Acq: 09 Dec 2019 11:00

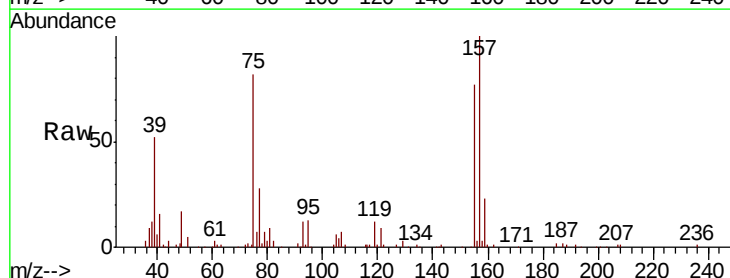
Tgt Ion: 75 Resp: 31723

Ion Ratio Lower Upper

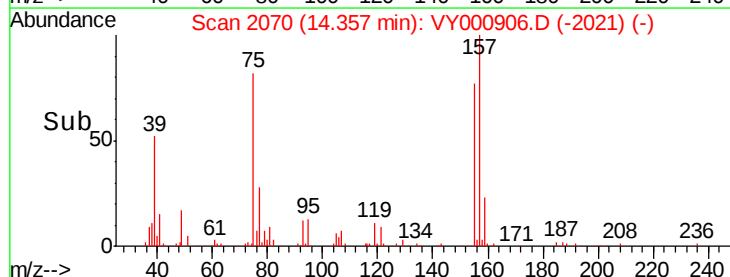
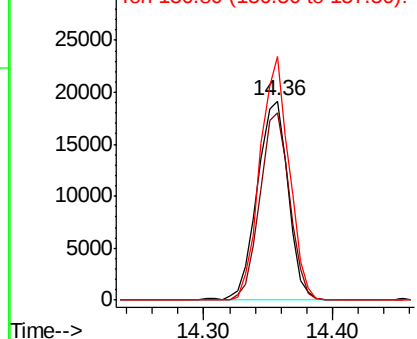
75 100

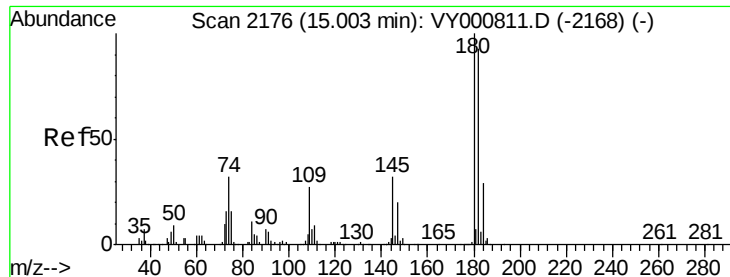
155 89.9 44.3 132.9

157 114.2 56.3 168.9



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

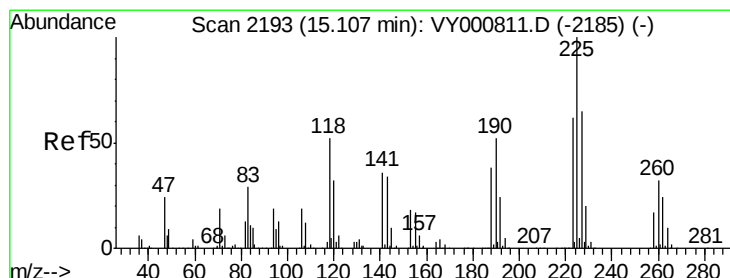
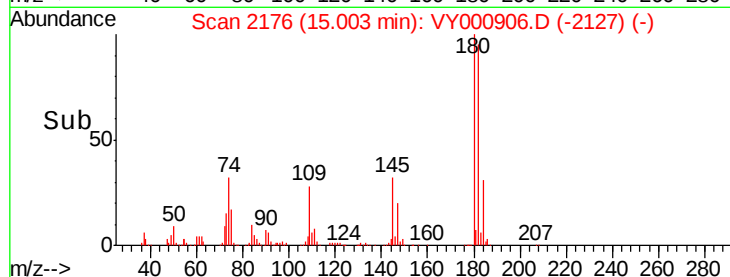
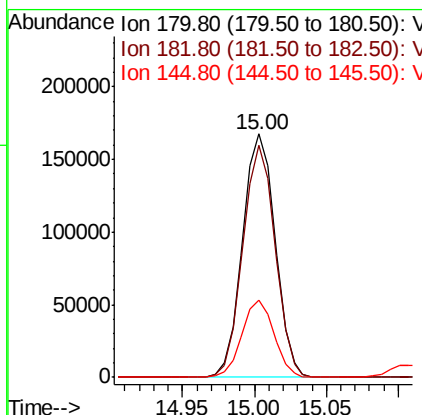
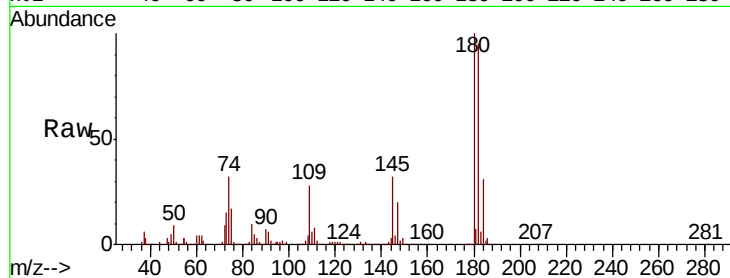




#93
 1,2,4-Trichlorobenzene
 Concen: 52.134 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

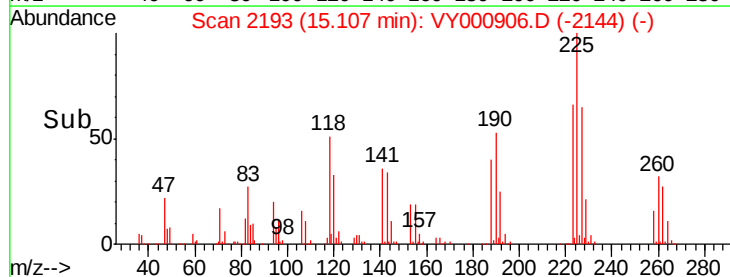
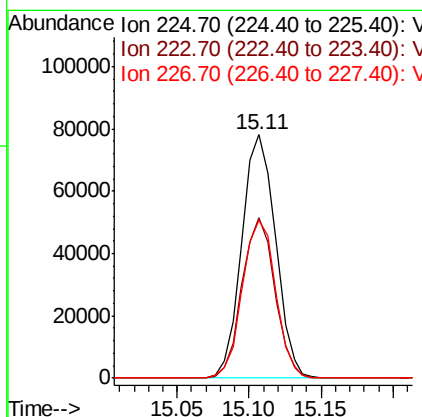
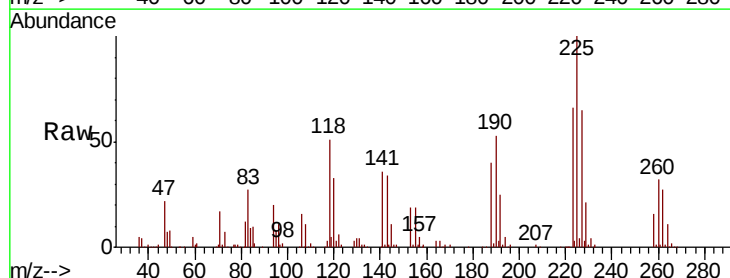
Instrument :
 MSVOA_Y
 ClientSampleId :

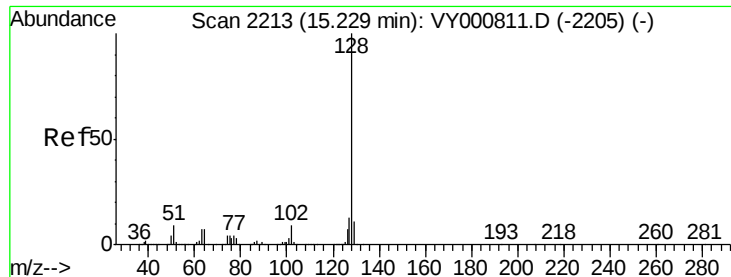
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	141.9
145	31.2	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 50.716 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000906.D
 Acq: 09 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.4	94.3
227	63.9	31.8	95.3

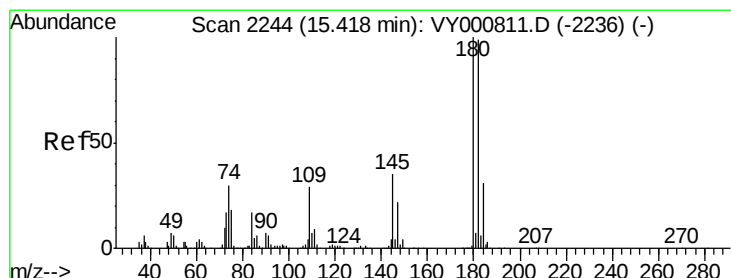
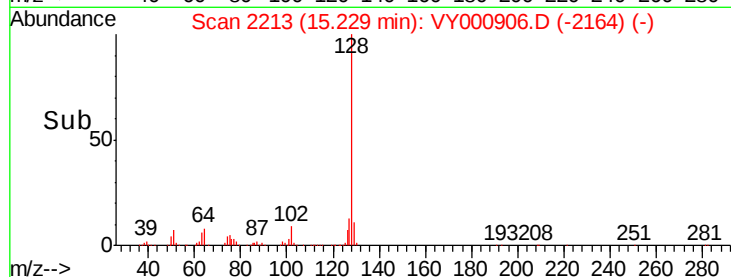
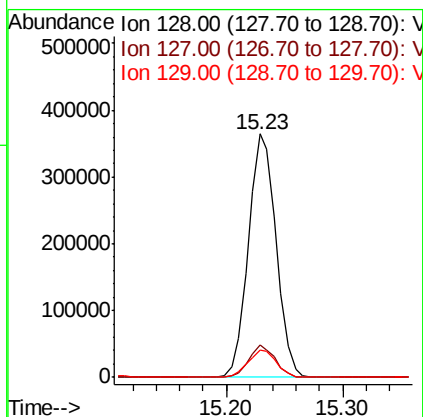
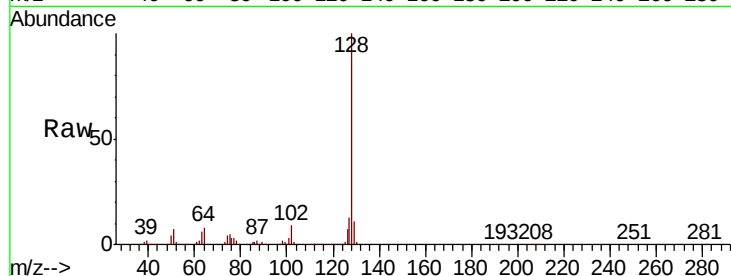




#95
Naphthalene
Concen: 51.398 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 602760
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.758 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000906.D
Acq: 09 Dec 2019 11:00

Tgt Ion:180 Resp: 238007
Ion Ratio Lower Upper
180 100
182 93.7 48.0 144.0
145 32.4 16.9 50.6

