

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
 Data File : VY000994.D
 Acq On : 18 Dec 2019 13:04
 Operator : SY/MD
 Sample : VY1218SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 04:52:20 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	272570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	472885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	421661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	148114	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.72	113	147498	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
50) Toluene-d8	10.18	98	604853	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
62) 4-Bromofluorobenzene	12.48	95	204058	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	51255	17.47	ug/l	96
3) Chloromethane	2.12	50	65046	17.98	ug/l	97
4) Vinyl Chloride	2.25	62	64487	18.09	ug/l	95
5) Bromomethane	2.64	94	42407	18.22	ug/l	90
6) Chloroethane	2.79	64	41841	19.14	ug/l	97
7) Trichlorofluoromethane	3.13	101	93760	19.19	ug/l	92
8) Diethyl Ether	3.54	74	36578	19.89	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	61386	20.35	ug/l	98
10) Methyl Iodide	4.10	142	73994	19.48	ug/l	97
11) Tert butyl alcohol	4.97	59	27127	93.10	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	59461	19.90	ug/l	94
13) Acrolein	3.74	56	26203	91.29	ug/l	95
14) Allyl chloride	4.49	41	100189	19.55	ug/l	97
15) Acrylonitrile	5.18	53	89843	94.63	ug/l	98
16) Acetone	3.96	43	64666	97.33	ug/l	93
17) Carbon Disulfide	4.20	76	177386	18.35	ug/l	99
18) Methyl Acetate	4.49	43	46238	16.64	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	151386	18.97	ug/l	98
20) Methylene Chloride	4.72	84	75620	21.59	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	68131	20.06	ug/l	91
22) Diisopropyl ether	6.13	45	205629	19.52	ug/l	96
23) Vinyl Acetate	6.07	43	610292	95.31	ug/l	99
24) 1,1-Dichloroethane	6.03	63	117346	20.21	ug/l	99
25) 2-Butanone	7.00	43	106566	86.83	ug/l	98
26) 2,2-Dichloropropane	7.00	77	94387	19.32	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	74281	20.23	ug/l	99
28) Bromochloromethane	7.35	49	26789	14.09	ug/l	98
29) Tetrahydrofuran	7.36	42	74537	91.65	ug/l	99
30) Chloroform	7.52	83	110076	18.90	ug/l	99
31) Cyclohexane	7.79	56	117789	19.15	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	92346	19.20	ug/l	99
36) 1,1-Dichloropropene	7.93	75	91515	19.46	ug/l	98
37) Ethyl Acetate	7.08	43	48784	17.97	ug/l	99
38) Carbon Tetrachloride	7.91	117	80896	19.32	ug/l	97

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

39) Methylcyclohexane	9.19	83	119763	19.23	ug/l	100
40) Benzene	8.17	78	280854	20.51	ug/l	98
41) Methacrylonitrile	7.35	41	65271	45.61	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	67288	18.68	ug/l	98
43) Isopropyl Acetate	8.28	43	89898	17.57	ug/l	97
44) Trichloroethene	8.94	130	71800	20.40	ug/l	100
45) 1,2-Dichloropropane	9.22	63	70866	20.60	ug/l	99
46) Dibromomethane	9.31	93	35420	19.71	ug/l	99
47) Bromodichloromethane	9.50	83	82045	19.43	ug/l	94
48) Methyl methacrylate	9.30	41	40199	17.87	ug/l	95
49) 1,4-Dioxane	9.30	88	9891	388.36	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	239371	90.55	ug/l	99
52) Toluene	10.24	92	175882	20.74	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	88274	19.46	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	104565	19.50	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	52942	19.94	ug/l	99
56) Ethyl methacrylate	10.51	69	70149	18.47	ug/l	99
57) 1,3-Dichloropropane	10.79	76	91694	19.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	164474	107.37	ug/l	100
59) 2-Hexanone	10.83	43	163322	84.79	ug/l	99
60) Dibromochloromethane	10.99	129	54495	19.06	ug/l	98
61) 1,2-Dibromoethane	11.09	107	47709	19.06	ug/l	98
64) Tetrachloroethene	10.72	164	75310	20.56	ug/l	98
65) Chlorobenzene	11.52	112	178158	20.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	58579	19.83	ug/l	100
67) Ethyl Benzene	11.59	91	326955	20.03	ug/l	99
68) m/p-Xylenes	11.70	106	246729	40.27	ug/l	99
69) o-Xylene	12.03	106	117214	20.52	ug/l	95
70) Styrene	12.04	104	195482	19.98	ug/l	99
71) Bromoform	12.20	173	30861	18.52	ug/l #	96
73) Isopropylbenzene	12.33	105	311962	20.03	ug/l	100
74) N-amyl acetate	12.14	43	79745	18.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57088	18.60	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	78868	35.59	ug/l #	100
77) Bromobenzene	12.61	156	67022	19.85	ug/l	98
78) n-propylbenzene	12.67	91	378001	19.88	ug/l	100
79) 2-Chlorotoluene	12.75	91	205034	19.52	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	258115	20.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	20967	18.59	ug/l	99
82) 4-Chlorotoluene	12.85	91	217782	20.12	ug/l	99
83) tert-Butylbenzene	13.07	119	214086	19.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	256854	19.91	ug/l	98
85) sec-Butylbenzene	13.25	105	315129	19.99	ug/l	100
86) p-Isopropyltoluene	13.36	119	279467	20.38	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	133969	20.23	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	135190	20.62	ug/l	99
89) n-Butylbenzene	13.69	91	281430	20.30	ug/l	99
90) Hexachloroethane	13.95	117	50785	20.10	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	122785	20.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8770	17.07	ug/l	96

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Instrument :
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Quant Title : SW846 8260
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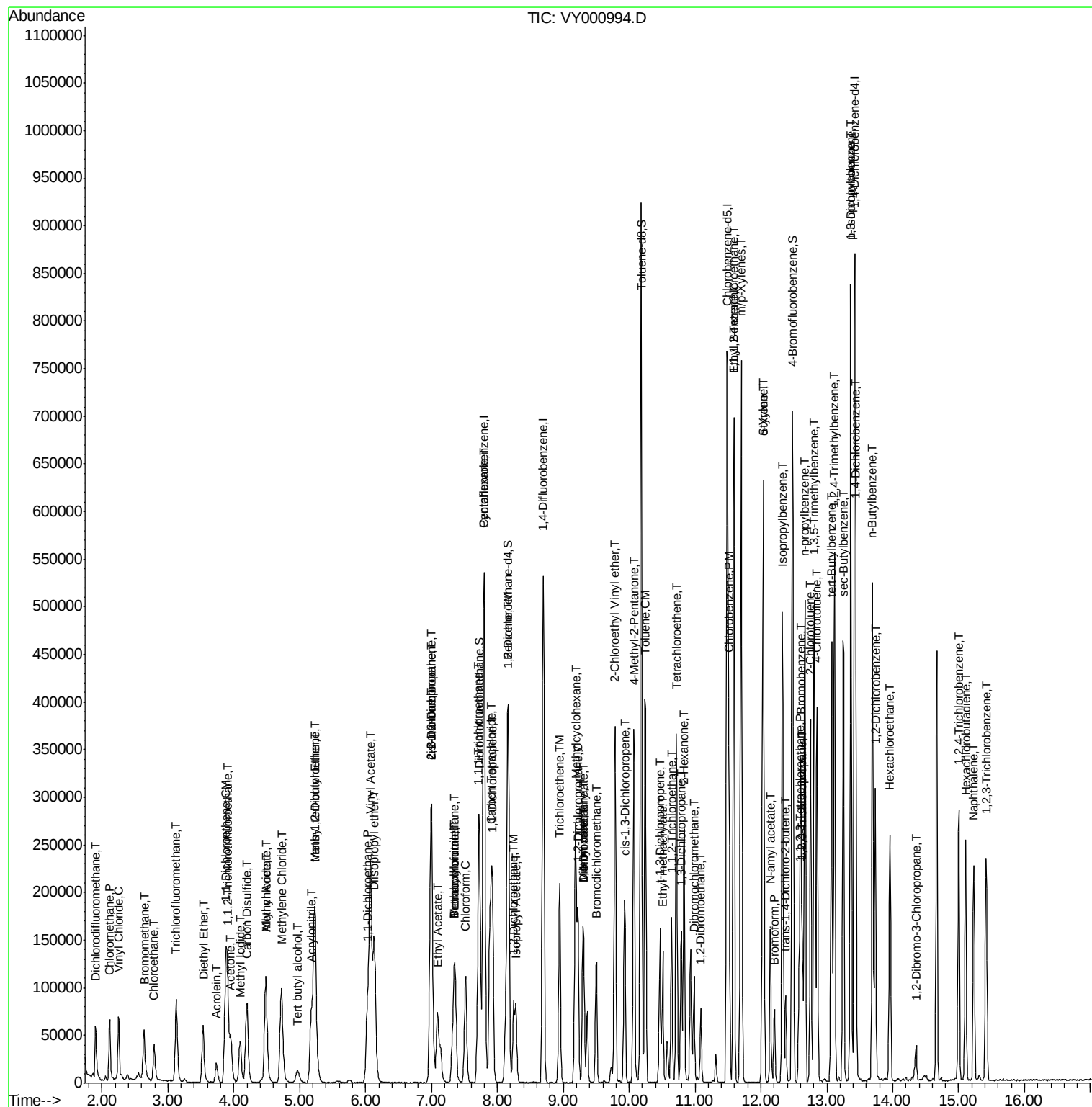
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	84534	20.97	ug/l	96
94) Hexachlorobutadiene	15.11	225	43347	21.69	ug/l	98
95) Naphthalene	15.23	128	181204	19.36	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	74300	20.64	ug/l	99

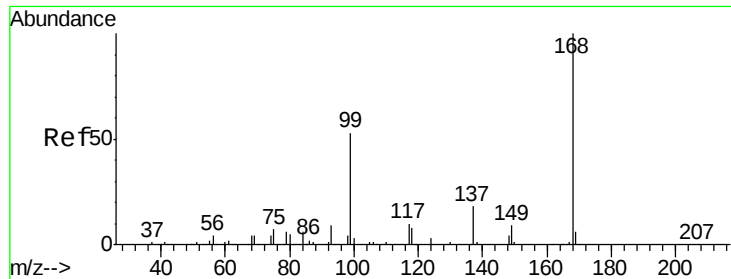
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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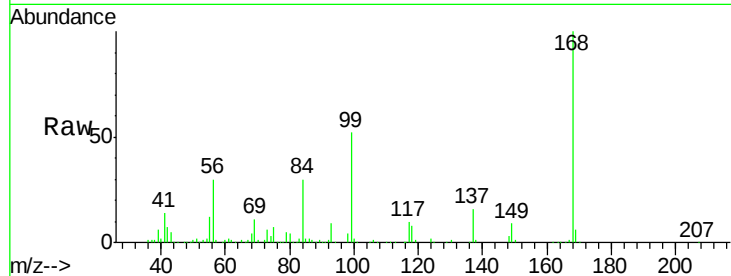


#1

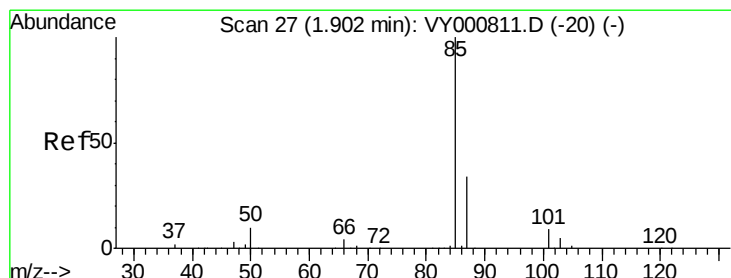
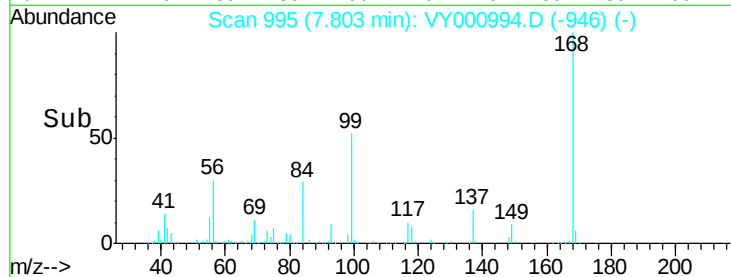
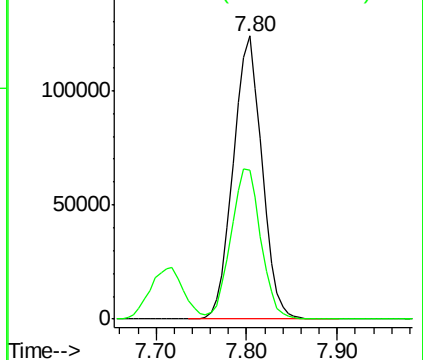
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 272570
Ion Ratio Lower Upper
168 100
99 52.5 45.0 67.6



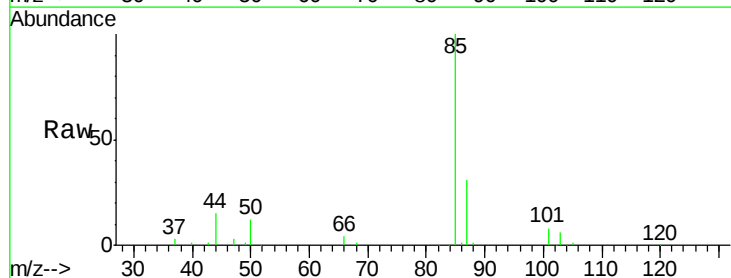
Abundance Ion 167.90 (167.60 to 168.60): VY000994.D (-946) (-)
Ion 98.90 (98.60 to 99.60): VY000994.D (-946) (-)



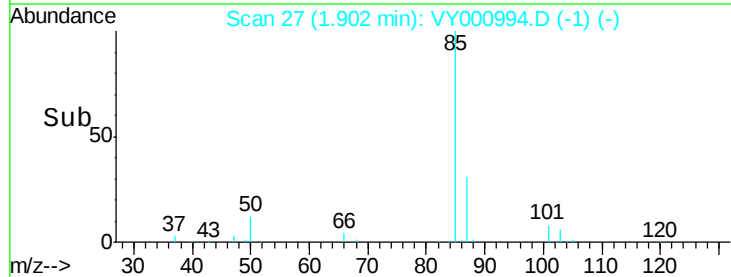
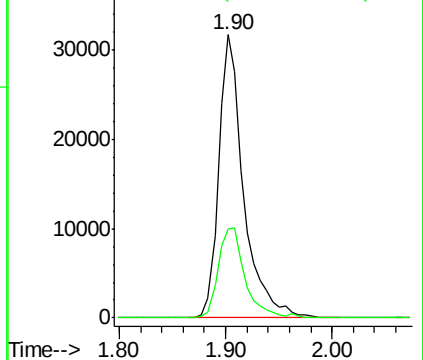
#2

Dichlorodifluoromethane
Concen: 17.47 ug/l
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion: 85 Resp: 51255
Ion Ratio Lower Upper
85 100
87 31.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000994.D (-1) (-)
Ion 86.90 (86.60 to 87.60): VY000994.D (-1) (-)





#3

Chloromethane

Concen: 17.98 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

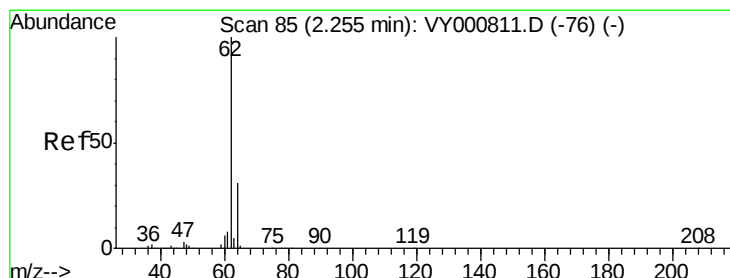
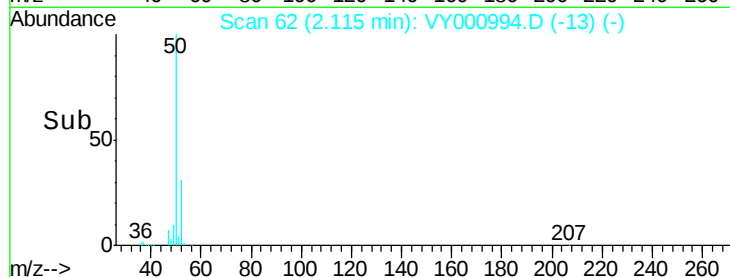
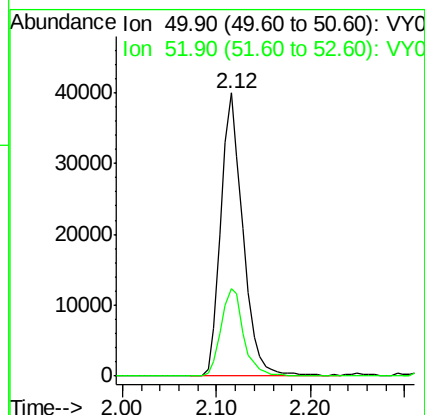
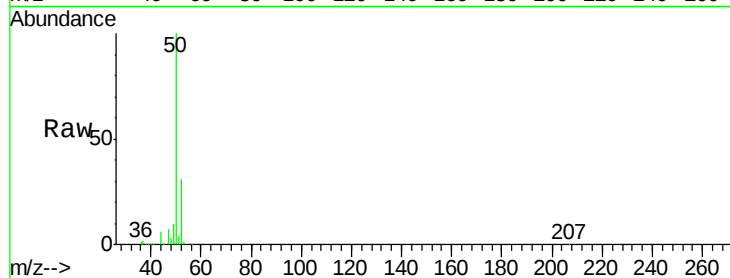
ClientSampleId :

Tot Ion: 50 Resp: 65046

Ion Ratio Lower Upper

50 100

52 31.0 26.0 39.0



#4

Vinyl Chloride

Concen: 18.09 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000994.D

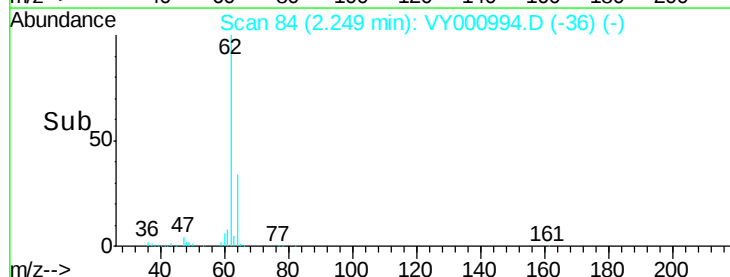
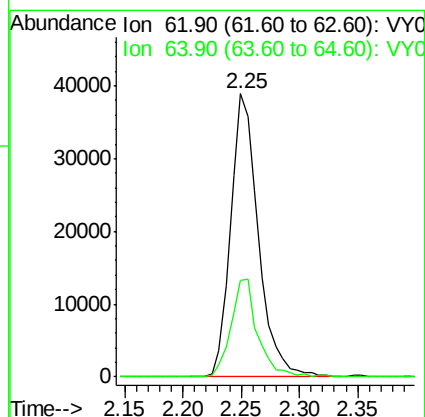
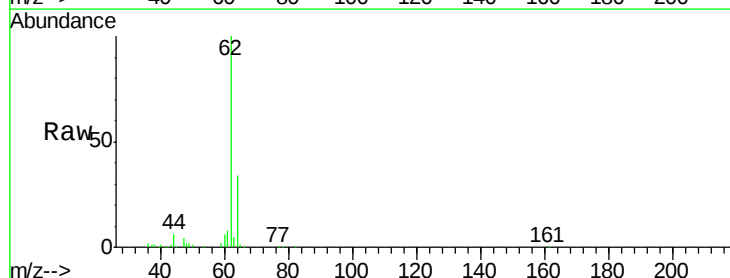
Acq: 18 Dec 2019 13:04

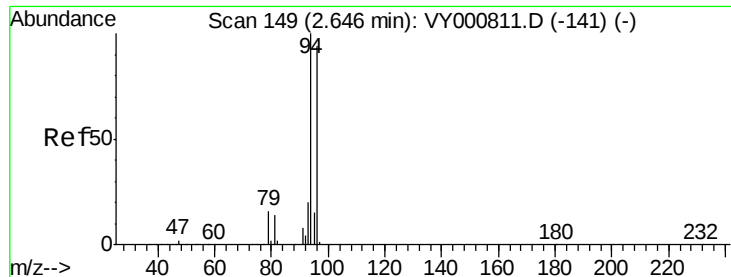
Tgt Ion: 62 Resp: 64487

Ion Ratio Lower Upper

62 100

64 34.1 25.1 37.7





#5

Bromomethane

Concen: 18.22 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

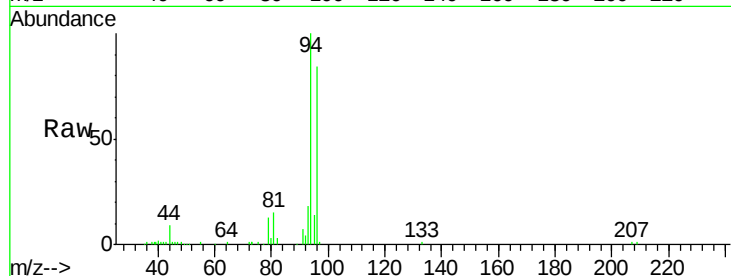
ClientSampled :

Tot Ion: 94 Resp: 42407

Ion Ratio Lower Upper

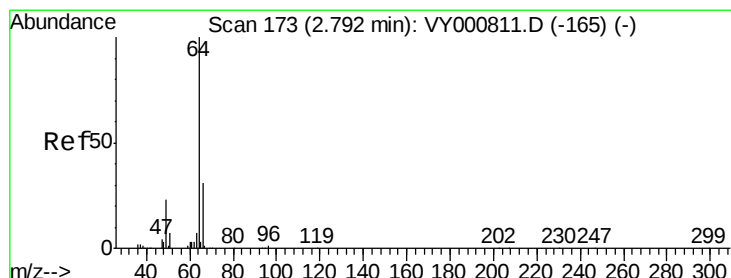
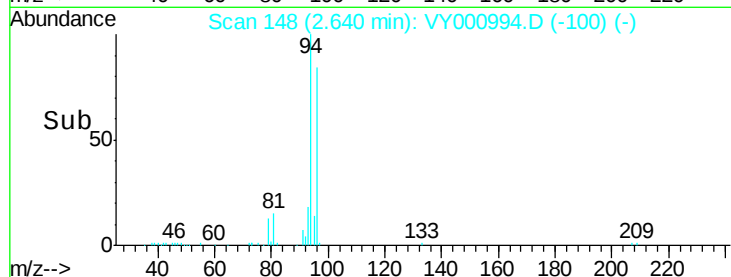
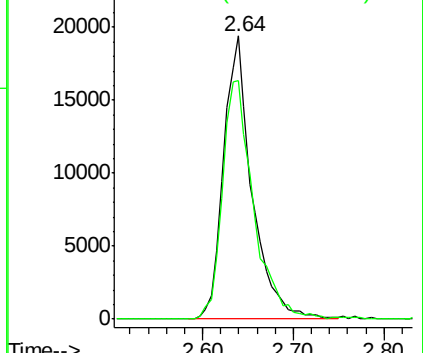
94 100

96 84.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.14 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000994.D

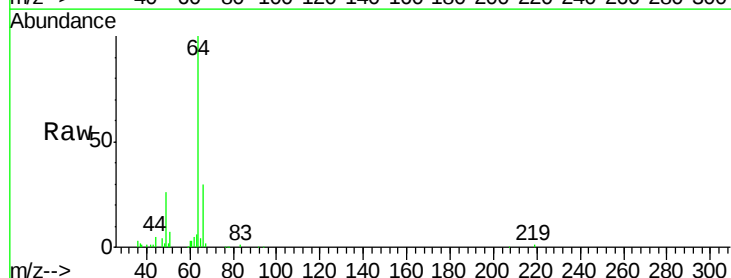
Acq: 18 Dec 2019 13:04

Tgt Ion: 64 Resp: 41841

Ion Ratio Lower Upper

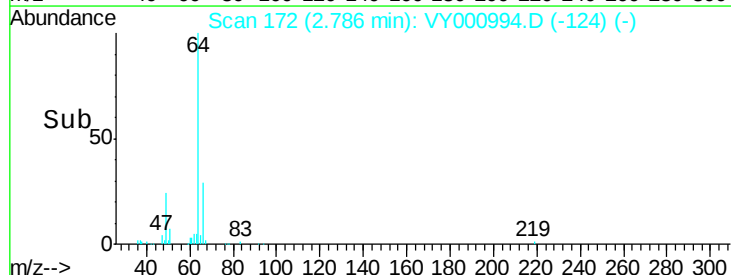
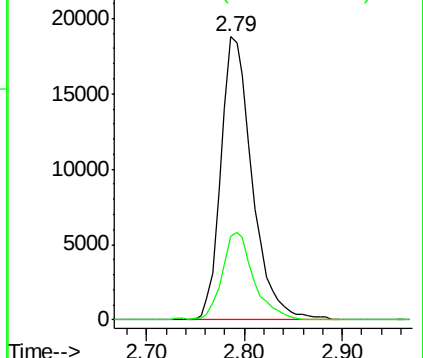
64 100

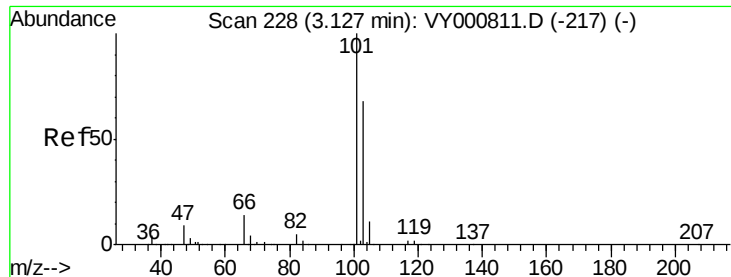
66 29.6 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



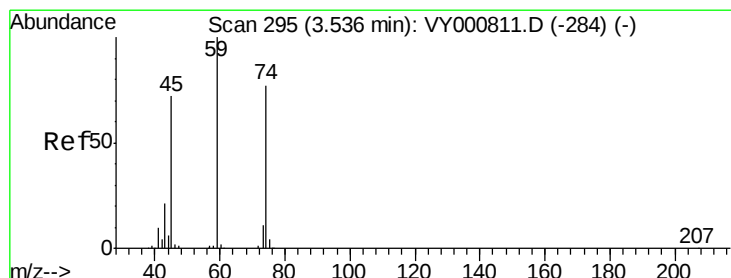
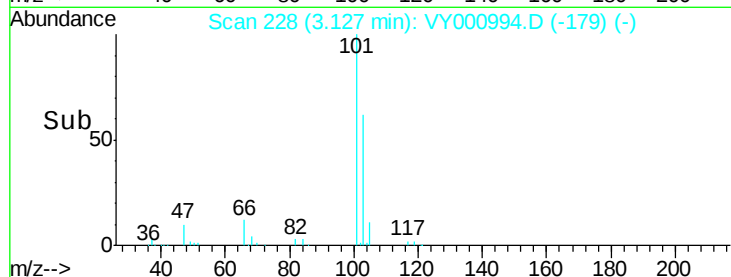
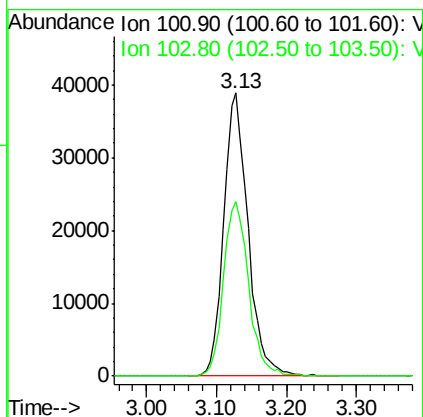
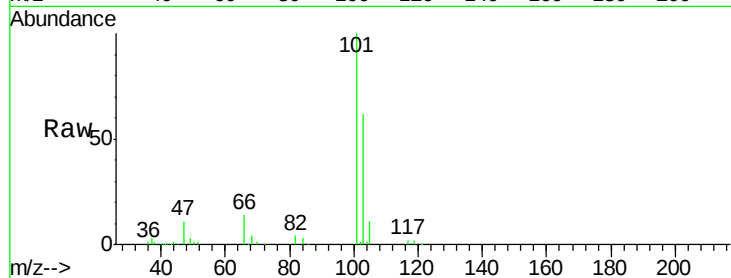


#7

Trichlorofluoromethane
 Concen: 19.19 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Instrument :
 MSVOA_Y
 ClientSampleId :

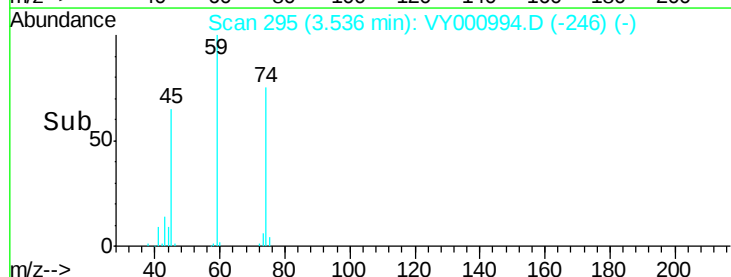
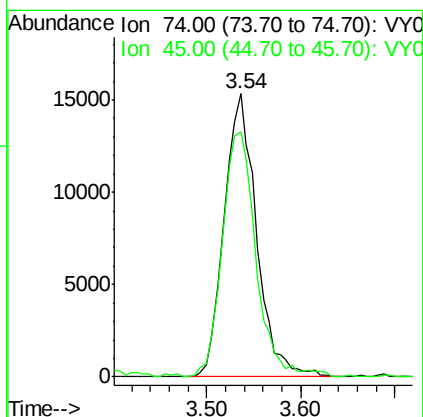
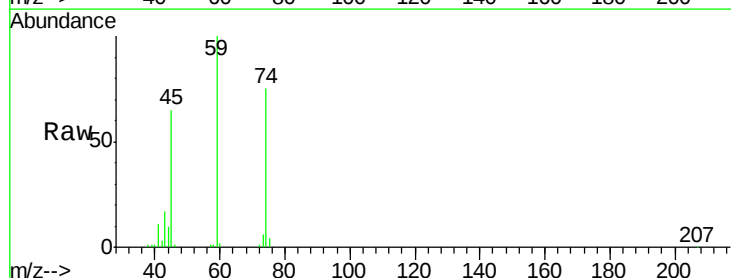
Tot Ion:101 Resp: 93760
 Ion Ratio Lower Upper
 101 100
 103 61.5 54.2 81.2

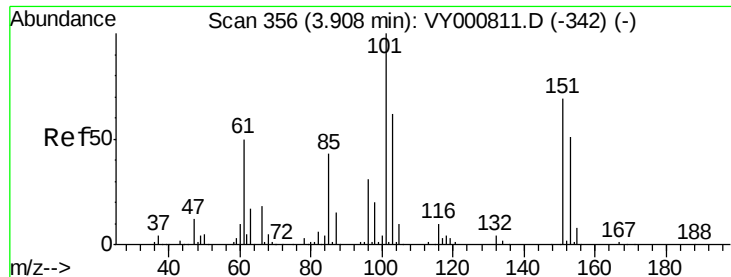


#8

Diethyl Ether
 Concen: 19.89 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion: 74 Resp: 36578
 Ion Ratio Lower Upper
 74 100
 45 89.0 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.35 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

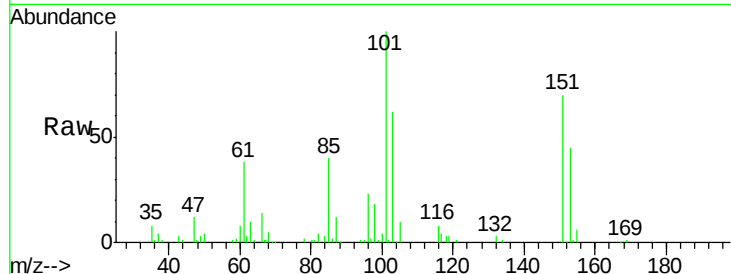
Tot Ion:101 Resp: 61386

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

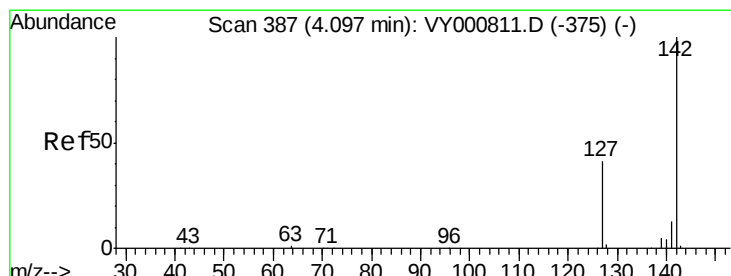
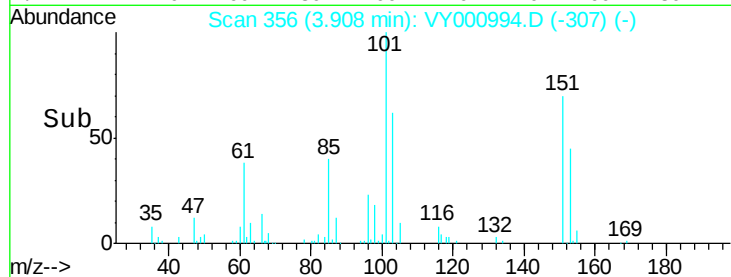
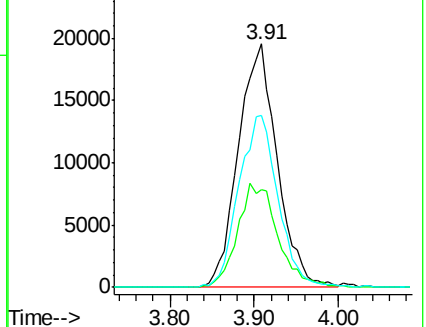
151 71.2 58.2 87.2



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: 19.48 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

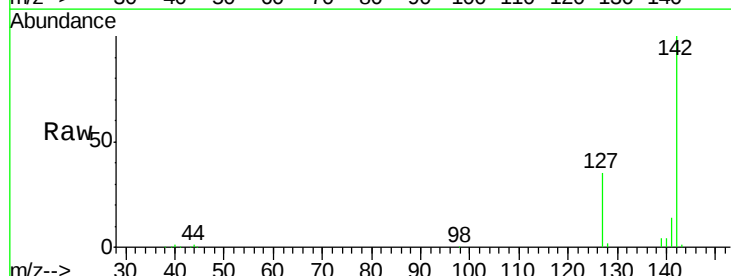
Tgt Ion:142 Resp: 73994

Ion Ratio Lower Upper

142 100

127 39.5 33.8 50.8

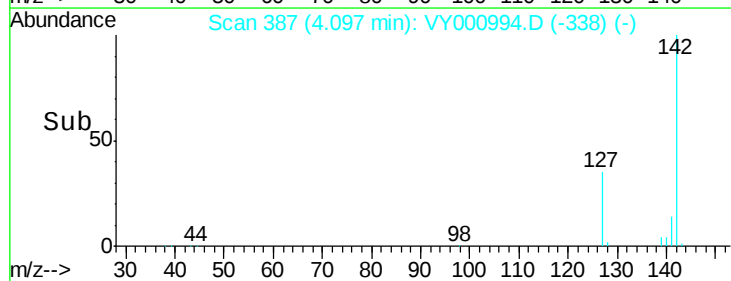
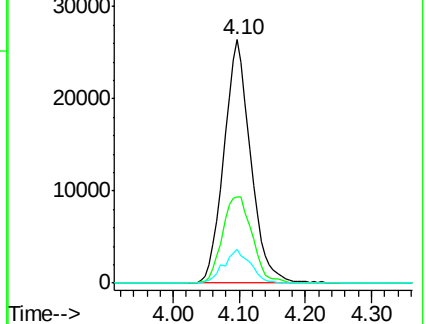
141 13.7 10.9 16.3

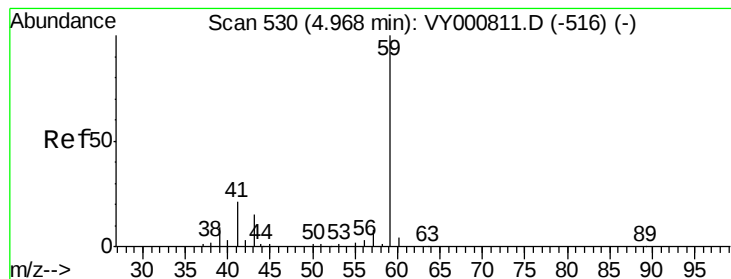


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.10 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

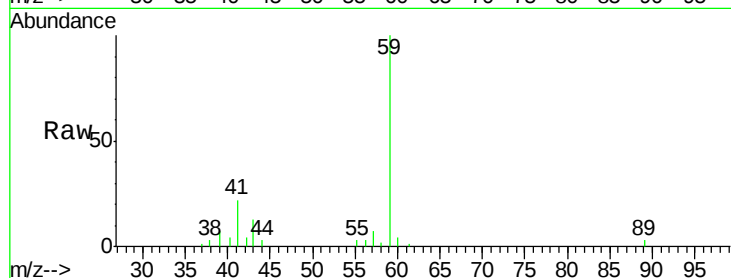
ClientSampleId :

Tot Ion: 59 Resp: 27127

Ion Ratio Lower Upper

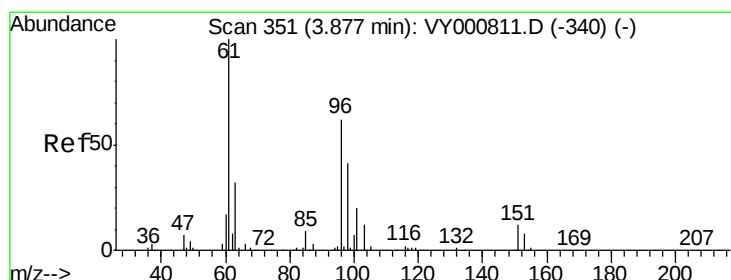
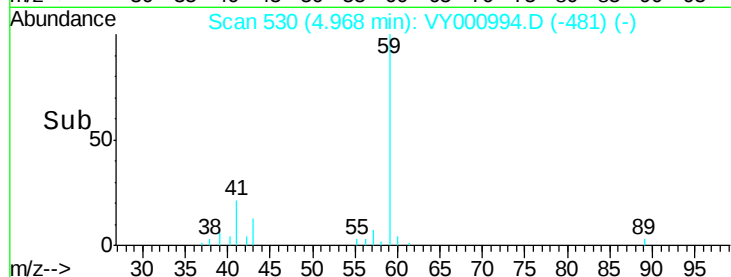
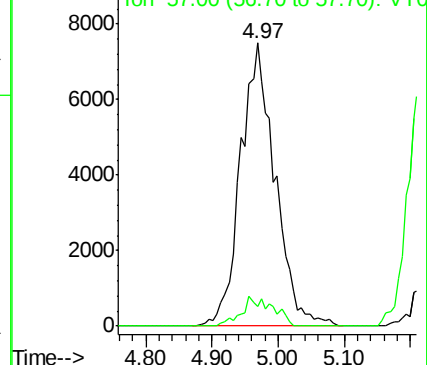
59 100

57 4.6 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 19.90 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

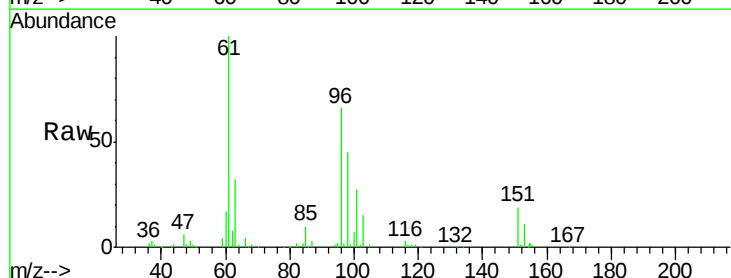
Tgt Ion: 96 Resp: 59461

Ion Ratio Lower Upper

96 100

61 151.0 129.4 194.2

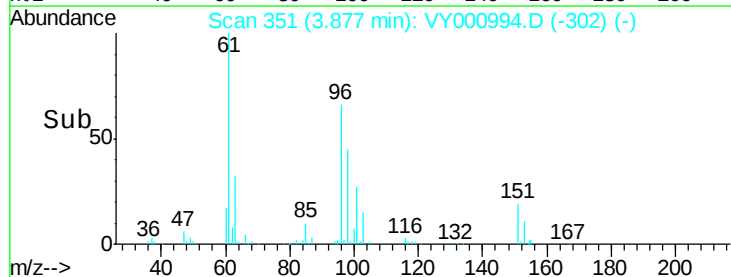
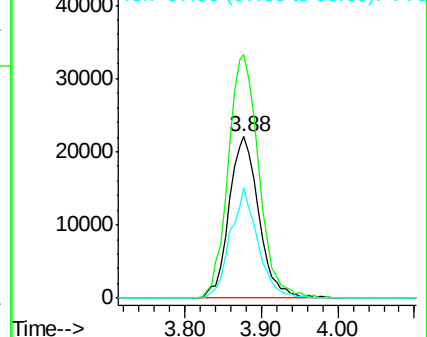
98 68.3 53.4 80.0

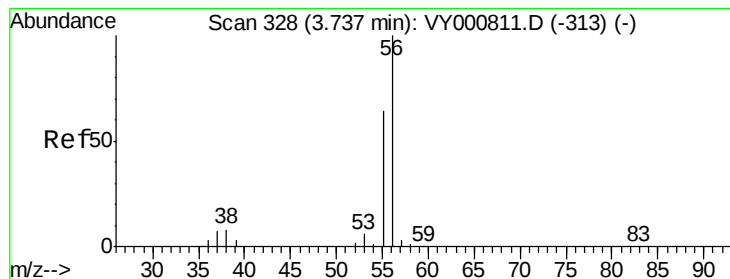


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 91.29 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

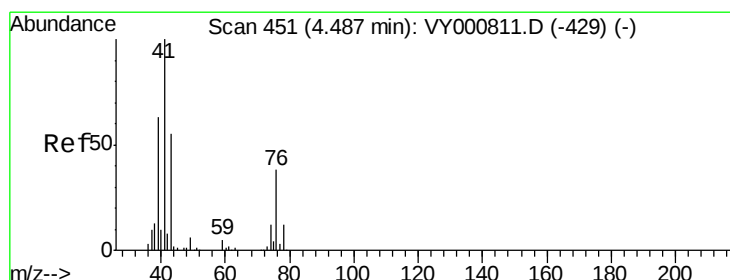
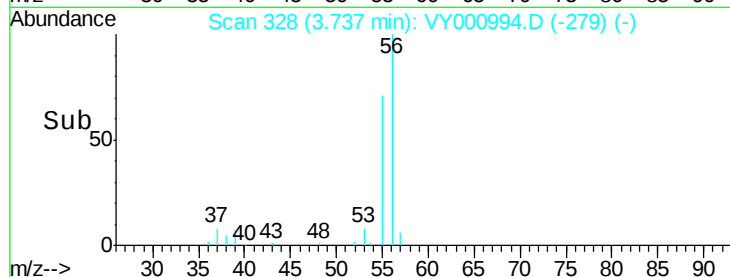
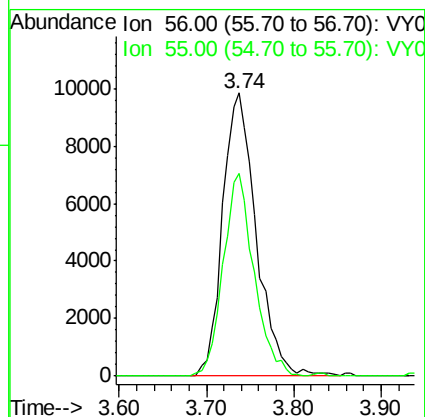
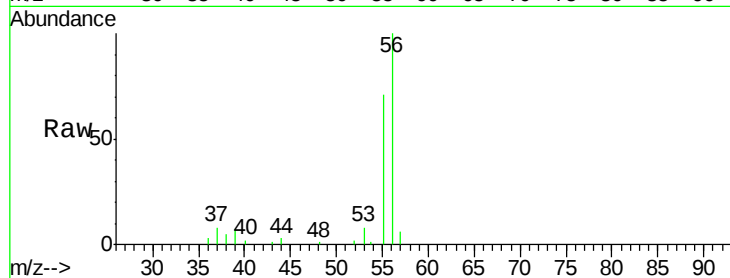
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 26203

Ion Ratio Lower Upper

56 100

55 65.6 55.7 83.5



#14

Allyl chloride

Concen: 19.55 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

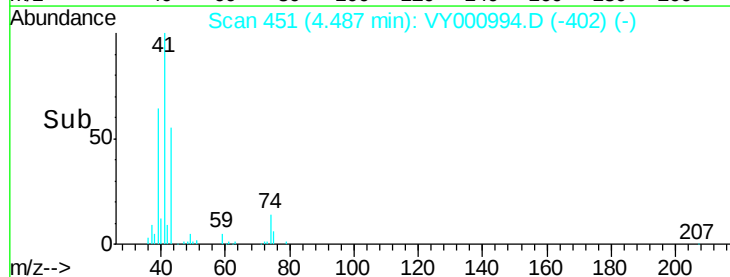
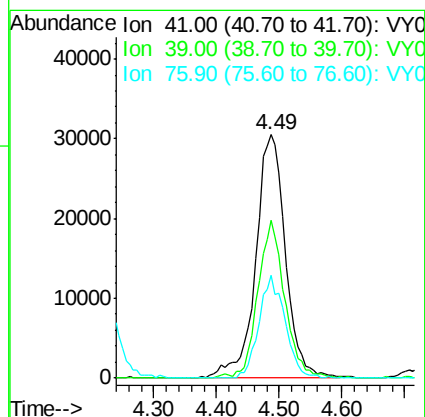
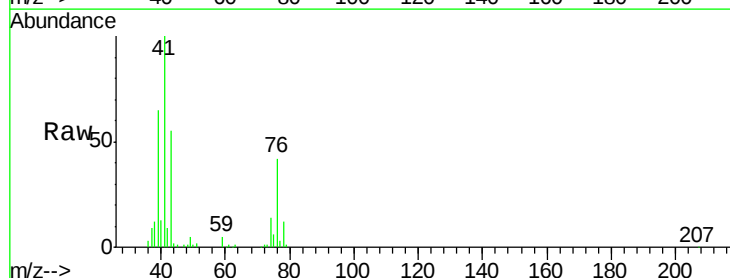
Tgt Ion: 41 Resp: 100189

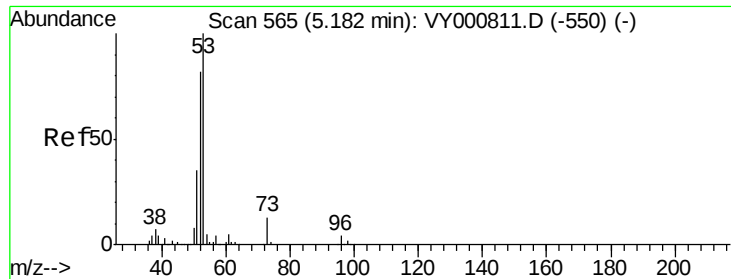
Ion Ratio Lower Upper

41 100

39 57.7 49.2 73.8

76 37.0 29.2 43.8





#15

Acrylonitrile

Concen: 94.63 ug/l

RT: 5.18 min Scan# 564

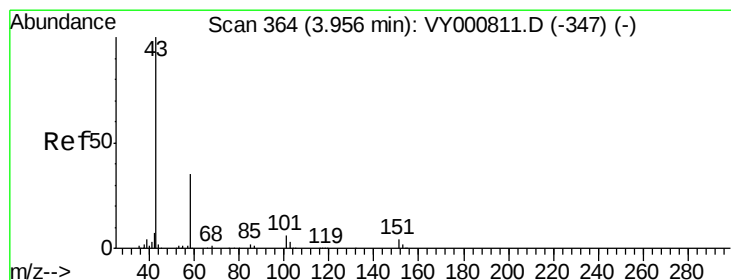
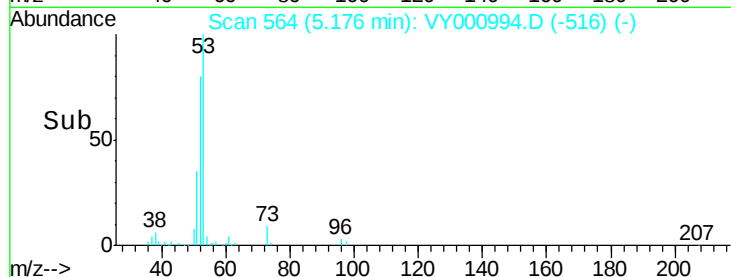
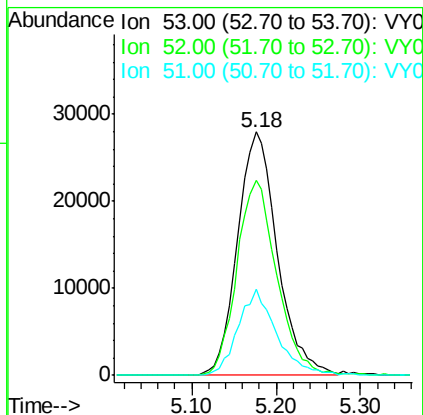
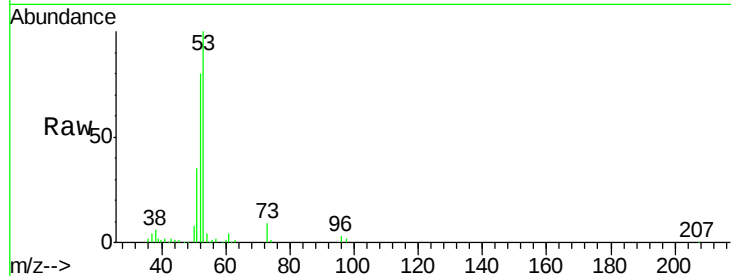
Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	89843
Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.1	97.7
51	34.3	29.0	43.4



#16

Acetone

Concen: 97.33 ug/l

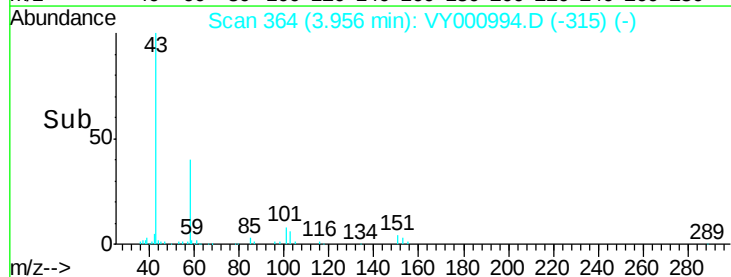
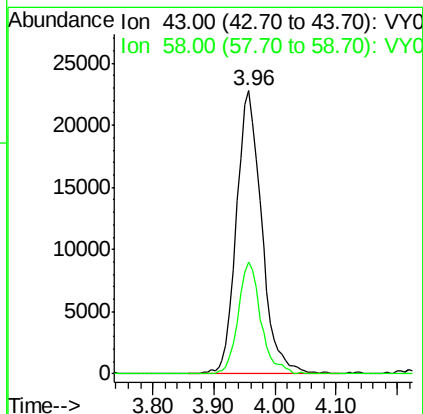
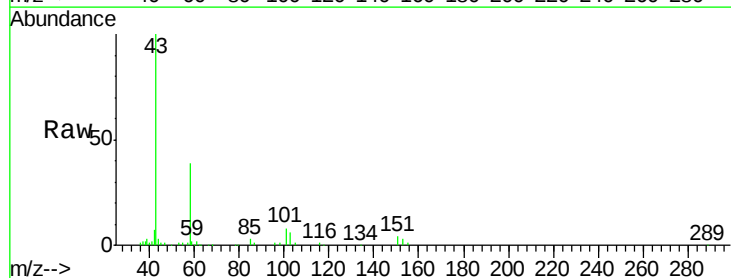
RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Tgt Ion:	43	Resp:	64666
Ion	Ratio	Lower	Upper
43	100		
58	39.3	28.0	42.0

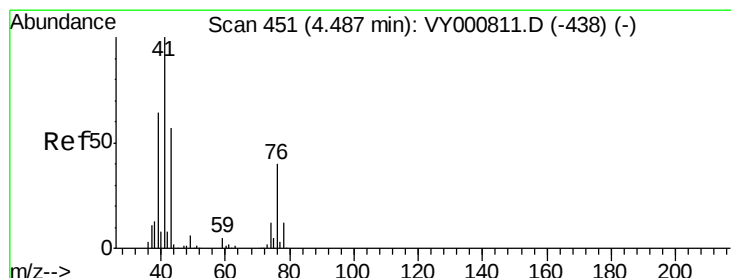
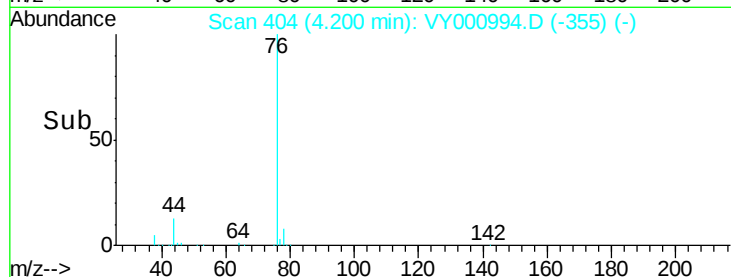
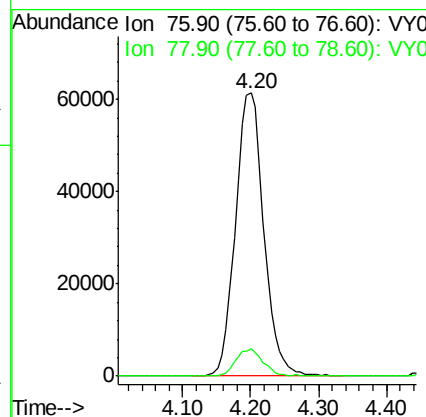
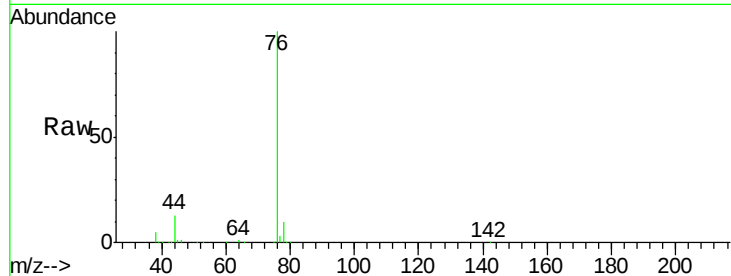




#17
Carbon Disulfide
Concen: 18.35 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

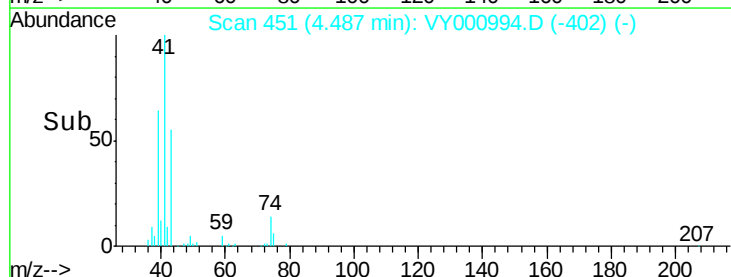
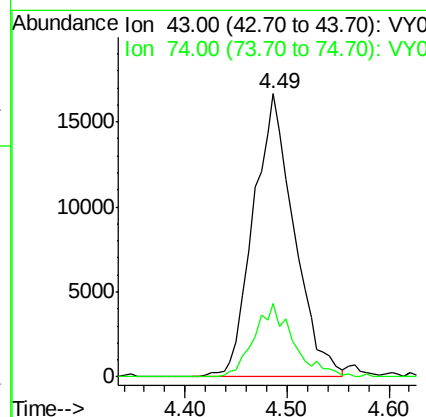
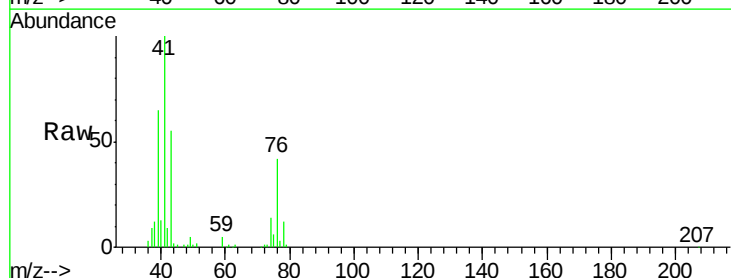
Instrument :
MSVOA_Y
ClientSampled :

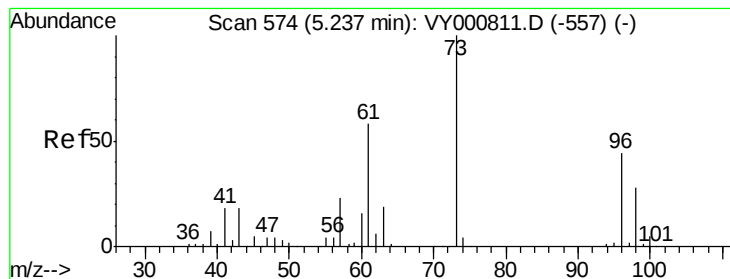
Tot Ion: 76 Resp: 177386
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 16.64 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion: 43 Resp: 46238
Ion Ratio Lower Upper
43 100
74 25.0 18.5 27.7



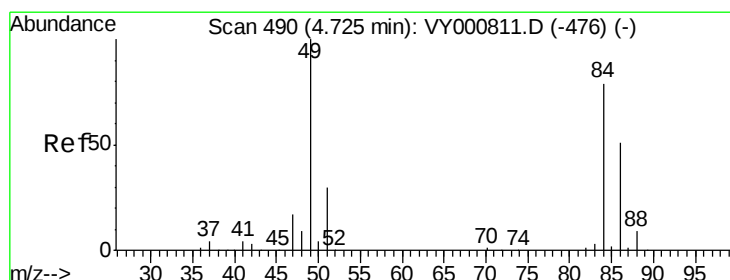
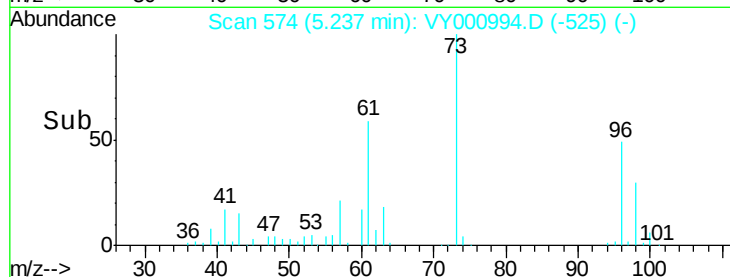
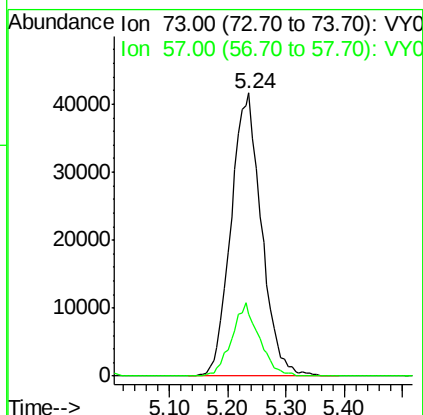
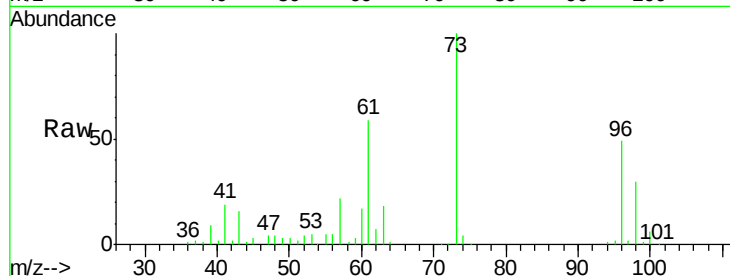


#19

Methyl tert-butyl Ether
 Concen: 18.97 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Instrument :
 MSVOA_Y
 ClientSampled :

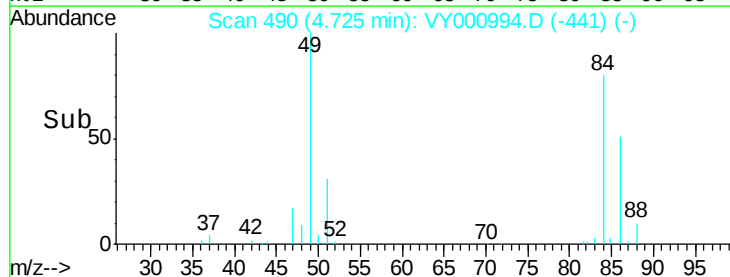
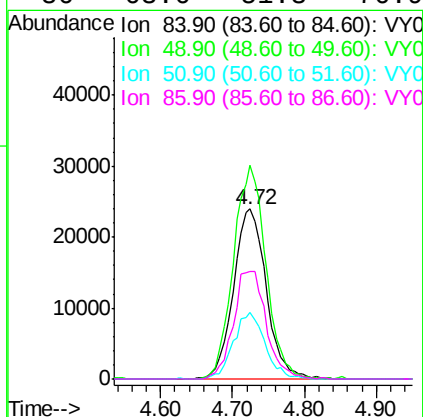
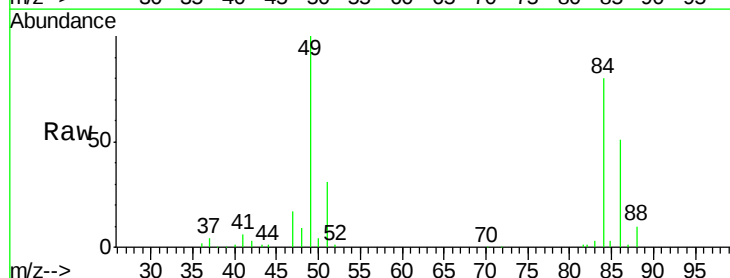
Tot Ion: 73 Resp: 151386
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.2 27.4

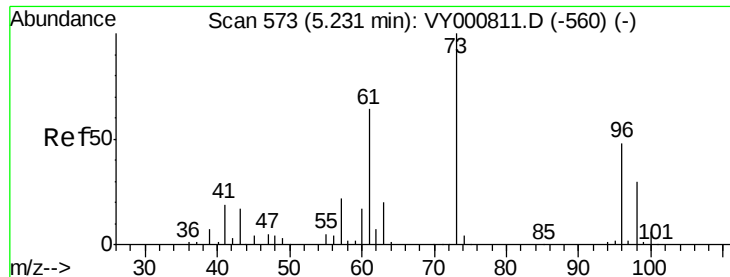


#20

Methylene Chloride
 Concen: 21.59 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion: 84 Resp: 75620
 Ion Ratio Lower Upper
 84 100
 49 125.5 101.3 151.9
 51 39.3 30.6 45.8
 86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.06 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampleId :

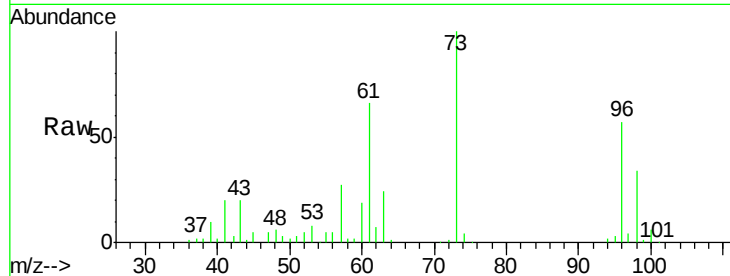
Tot Ion: 96 Resp: 68131

Ion Ratio Lower Upper

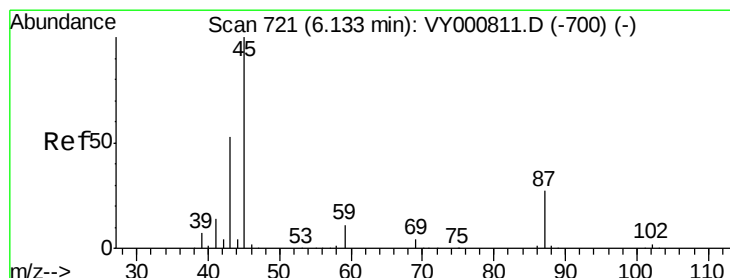
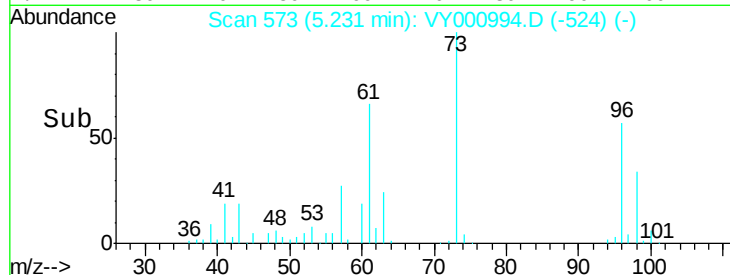
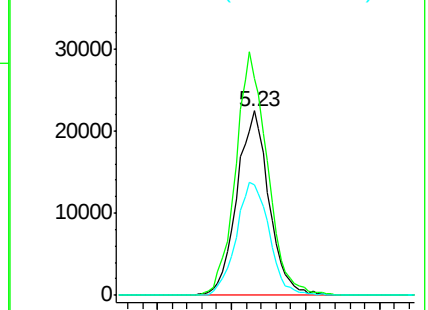
96 100

61 117.4 105.9 158.9

98 60.0 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: 19.52 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Tgt Ion: 45 Resp: 205629

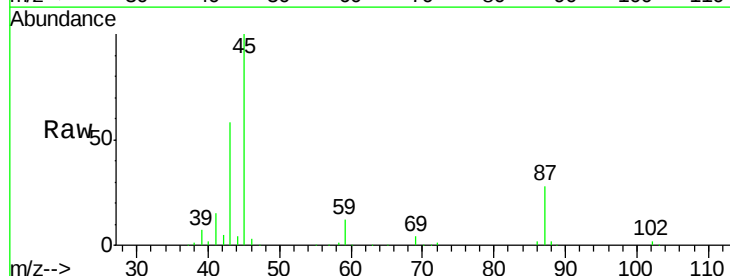
Ion Ratio Lower Upper

45 100

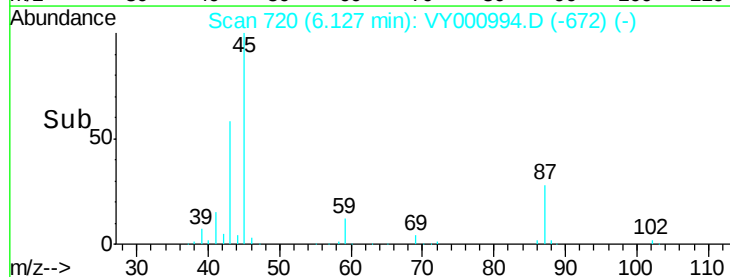
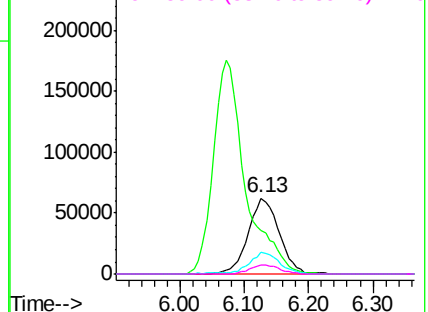
43 57.5 42.7 64.1

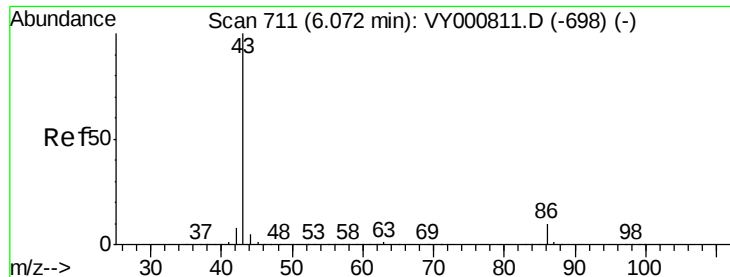
87 28.2 22.0 33.0

59 11.9 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: 95.31 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

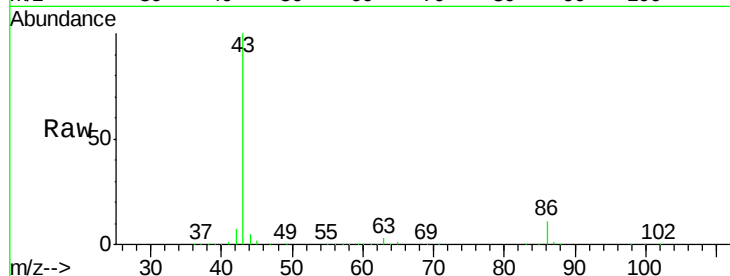
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 610292

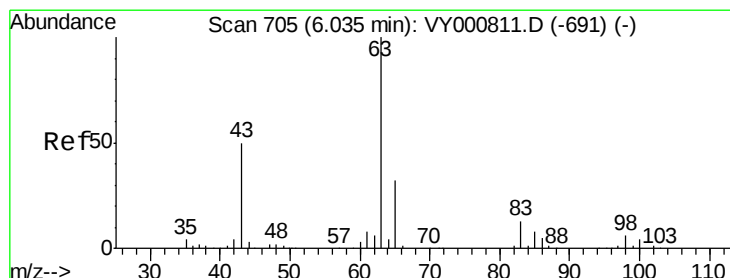
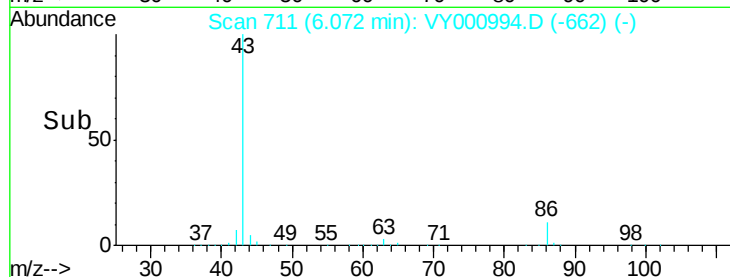
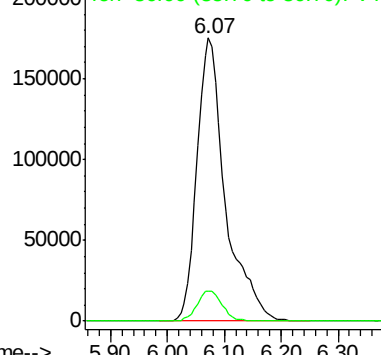
Ion Ratio Lower Upper

43 100

86 10.7 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: 20.21 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

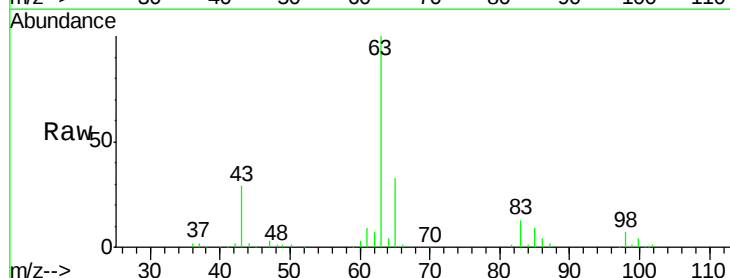
Tgt Ion: 63 Resp: 117346

Ion Ratio Lower Upper

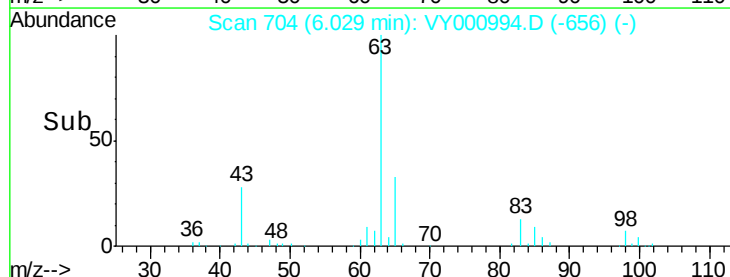
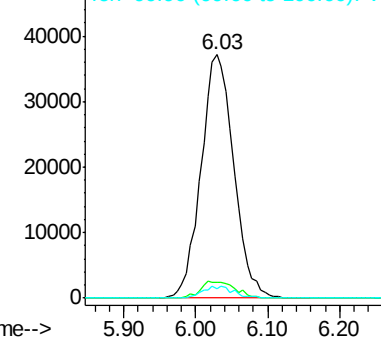
63 100

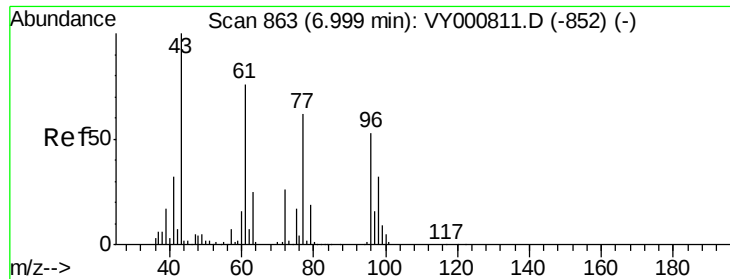
98 6.7 3.3 9.8

100 4.1 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

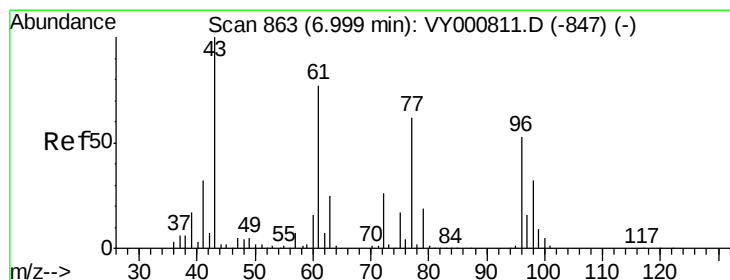
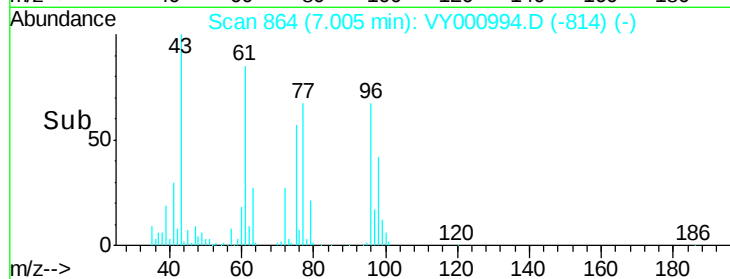
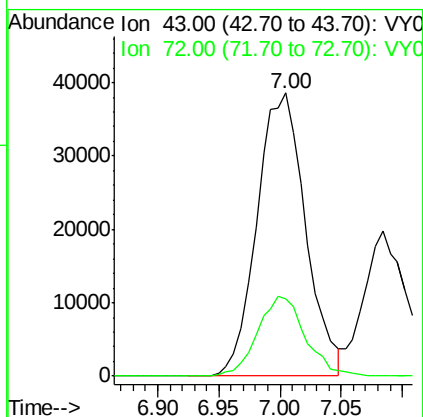
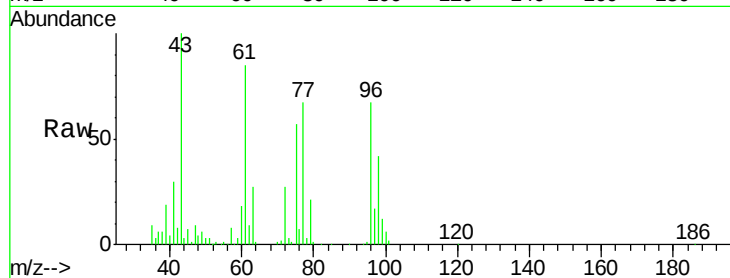




#25
2-Butanone
Concen: 86.83 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

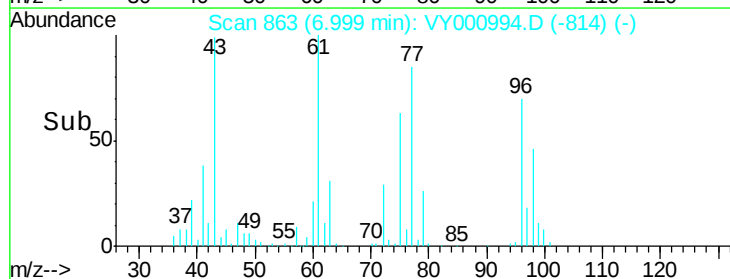
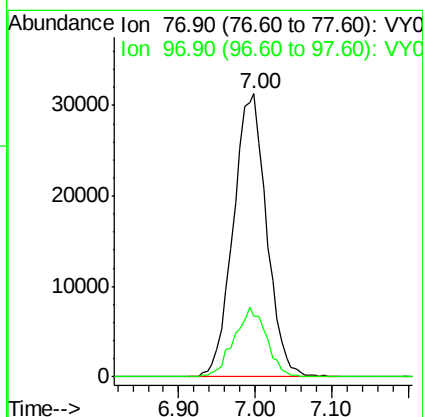
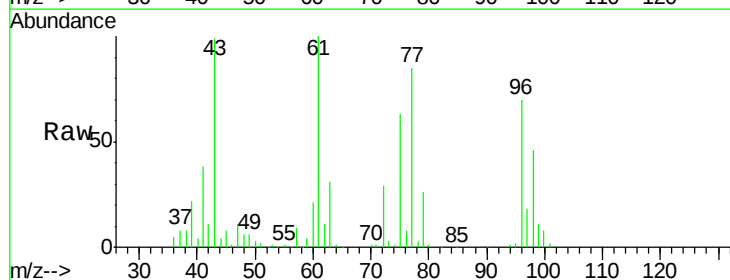
Instrument :
MSVOA_Y
ClientSampleId :

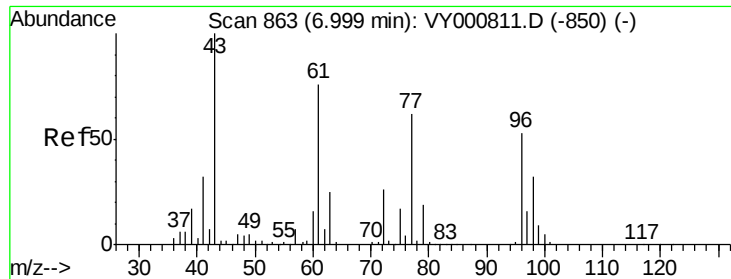
Tot Ion: 43 Resp: 106566
Ion Ratio Lower Upper
43 100
72 27.2 21.0 31.4



#26
2,2-Dichloropropane
Concen: 19.32 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion: 77 Resp: 94387
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.9

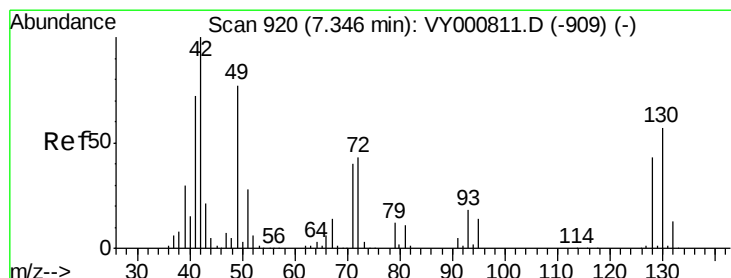
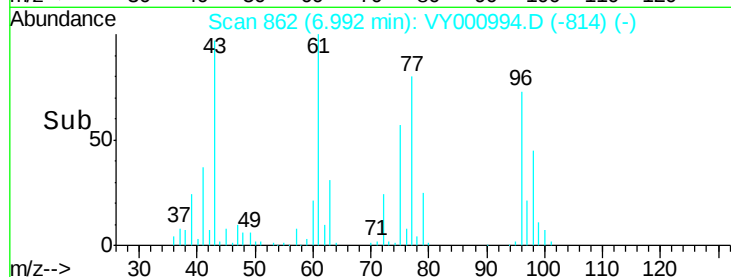
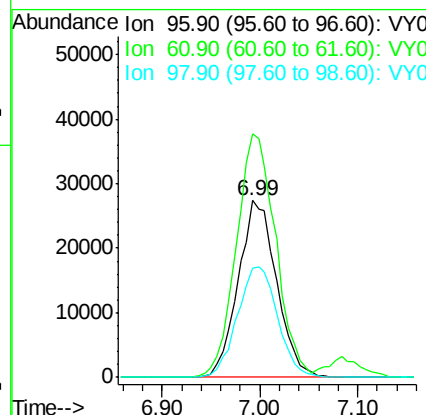
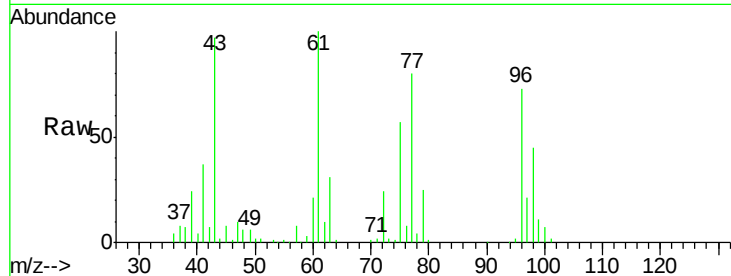




#27
 cis-1,2-Dichloroethene
 Concen: 20.23 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

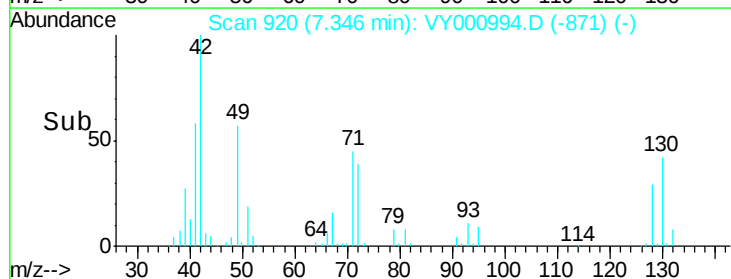
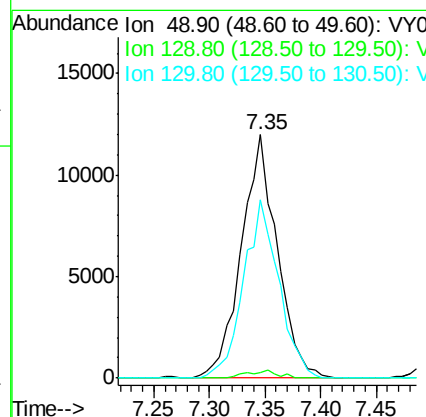
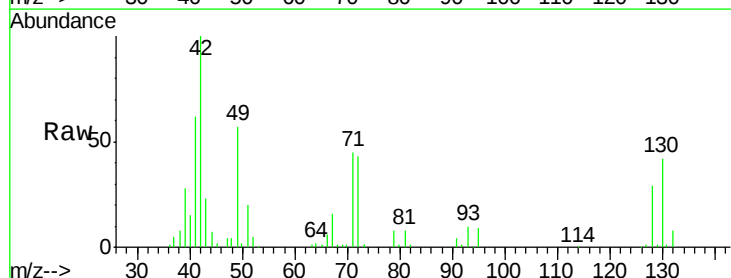
Instrument :
 MSVOA_Y
 ClientSampled :

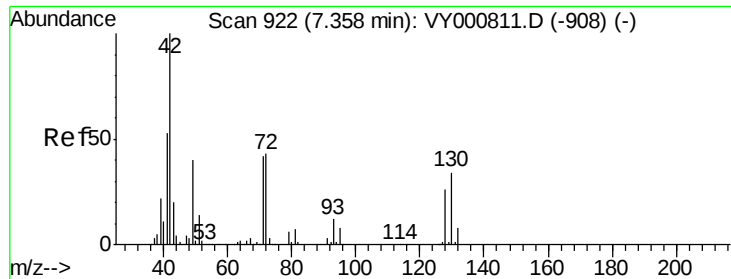
Tot Ion: 96 Resp: 74281
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 285.0
 98 65.5 0.0 128.0



#28
 Bromochloromethane
 Concen: 14.09 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion: 49 Resp: 26789
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 3.8
 130 71.7 58.7 88.1

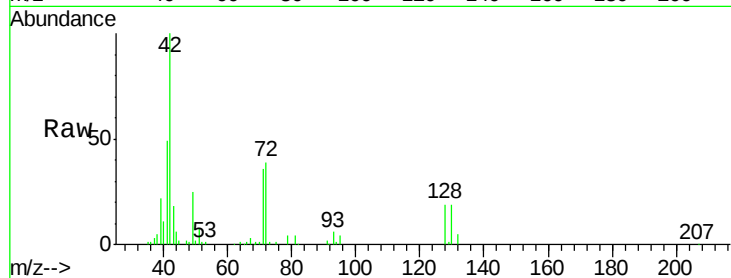




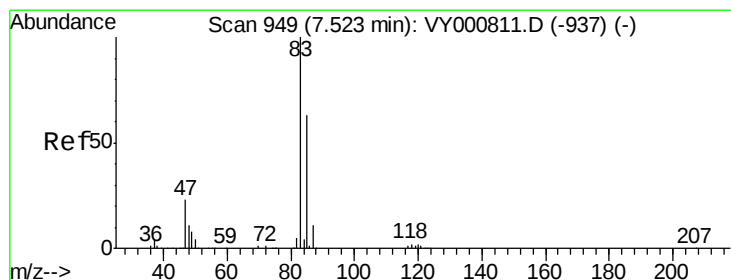
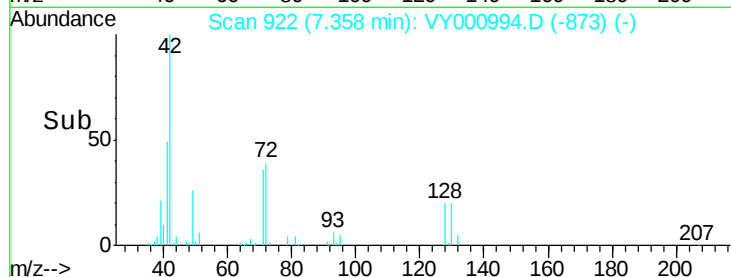
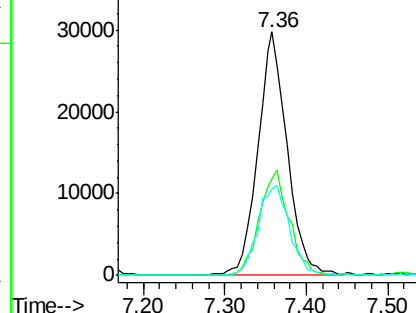
#29
Tetrahydrofuran
Concen: 91.65 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 74537
Ion Ratio Lower Upper
42 100
72 43.7 35.1 52.7
71 39.5 32.8 49.2

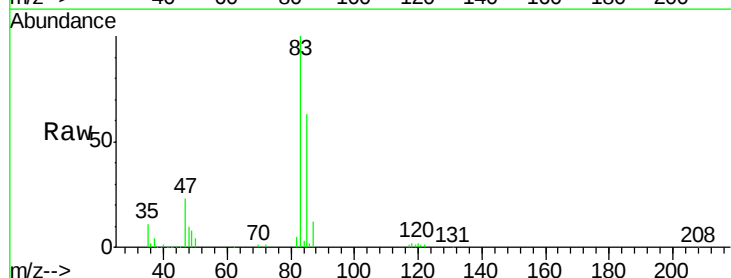


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

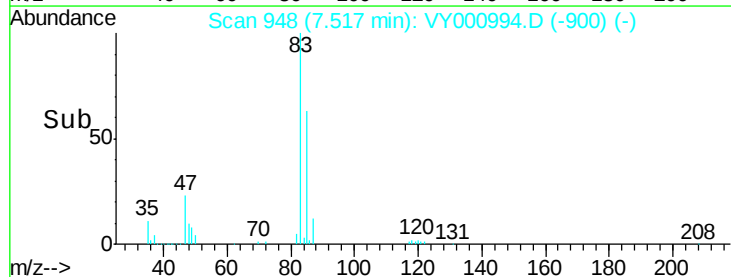
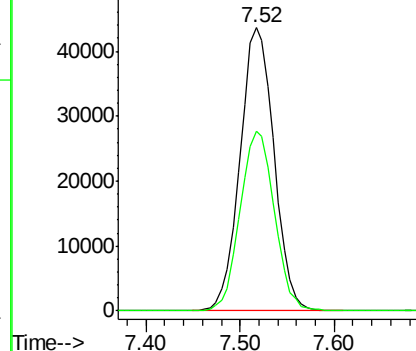


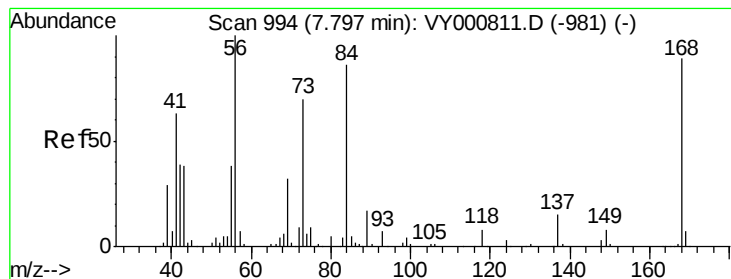
#30
Chloroform
Concen: 18.90 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion: 83 Resp: 110076
Ion Ratio Lower Upper
83 100
85 63.5 50.4 75.6



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





#31

Cyclohexane

Concen: 19.15 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampled :

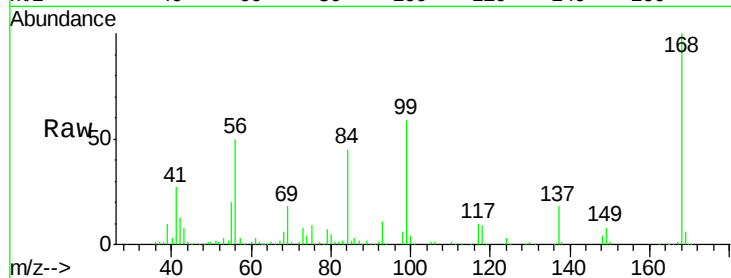
Tot Ion: 56 Resp: 117789

Ion Ratio Lower Upper

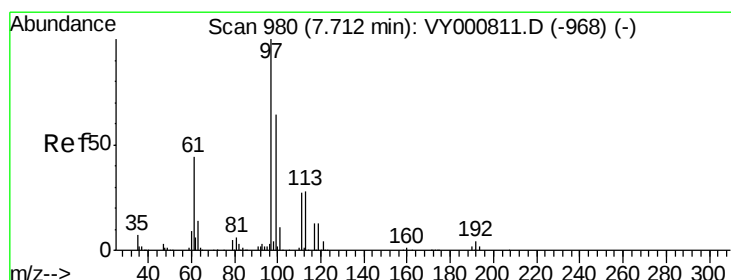
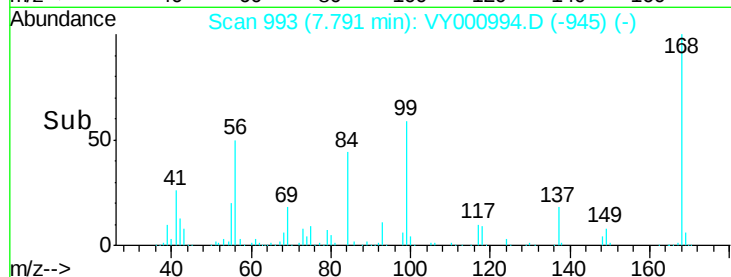
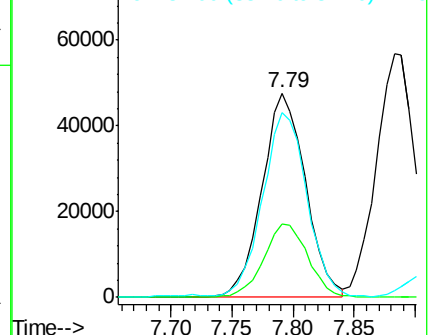
56 100

69 35.8 25.9 38.9

84 88.9 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: 19.20 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

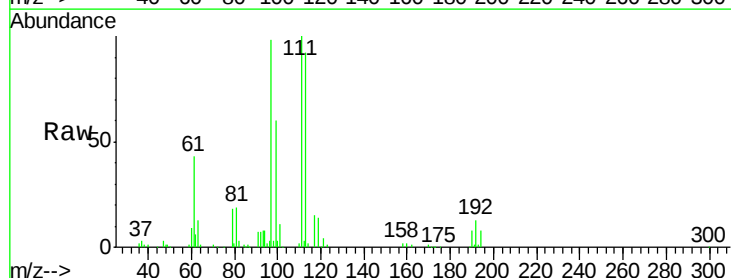
Tgt Ion: 97 Resp: 92346

Ion Ratio Lower Upper

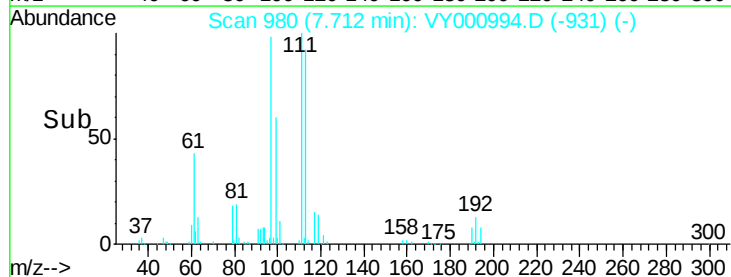
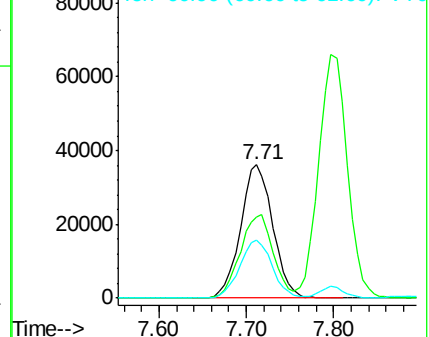
97 100

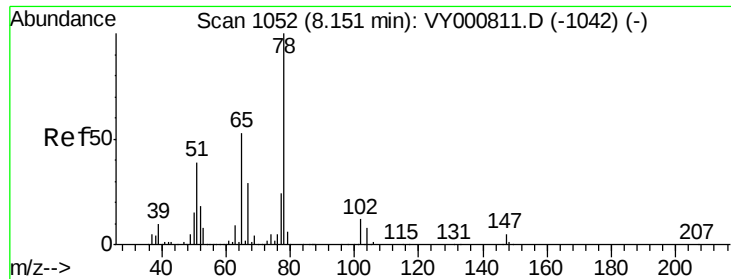
99 64.0 51.7 77.5

61 43.6 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

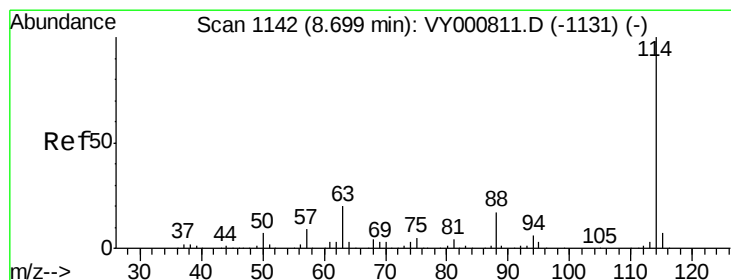
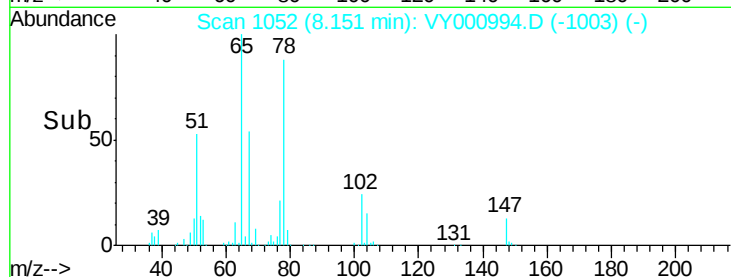
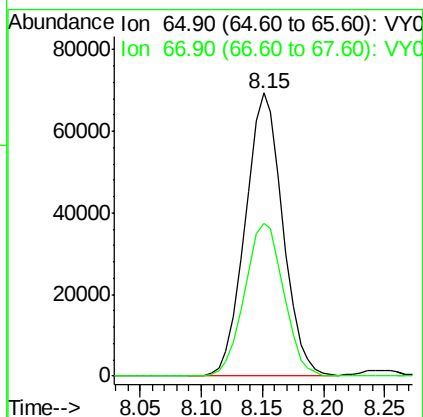
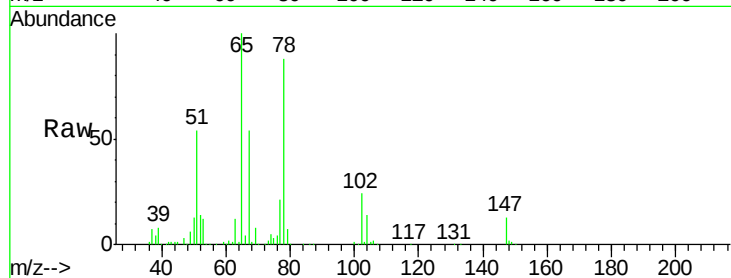




#33
 1,2-Dichloroethane-d4
 Concen: 51.14 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

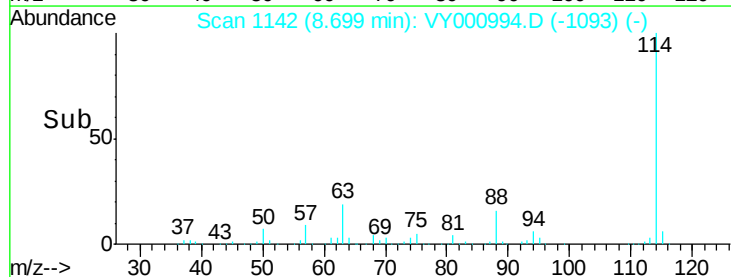
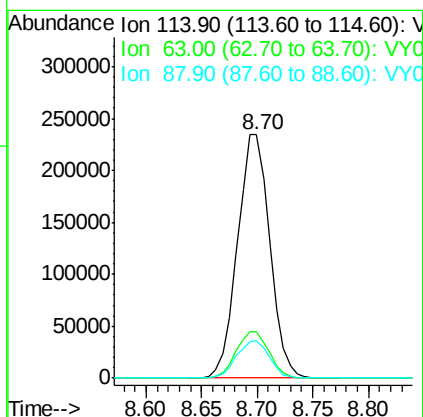
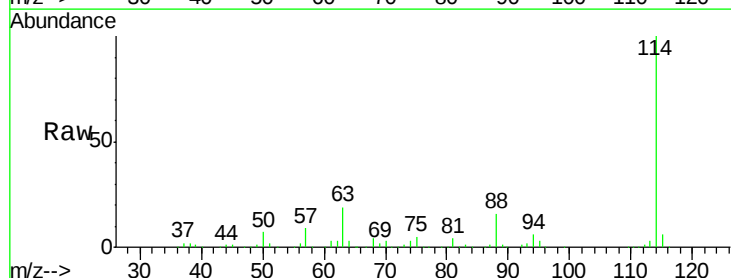
Instrument :
 MSVOA_Y
 ClientSampleId :

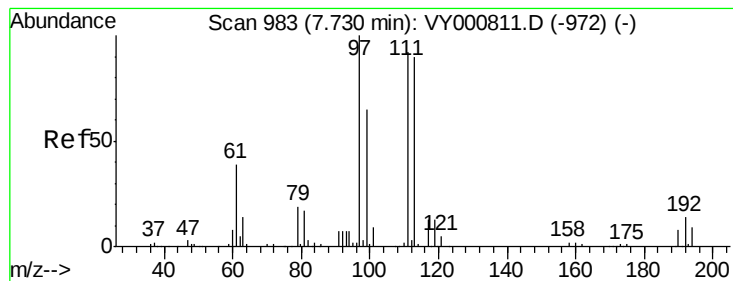
Tot Ion: 65 Resp: 148114
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion: 114 Resp: 472885
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.52 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

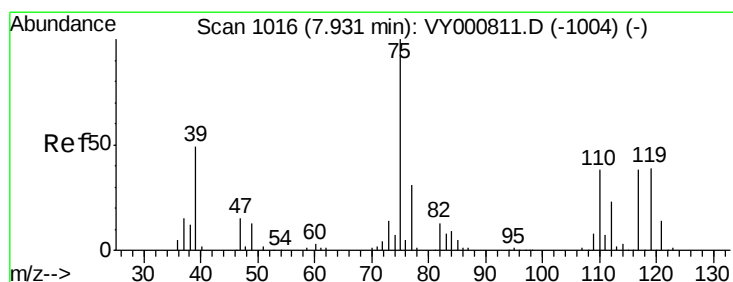
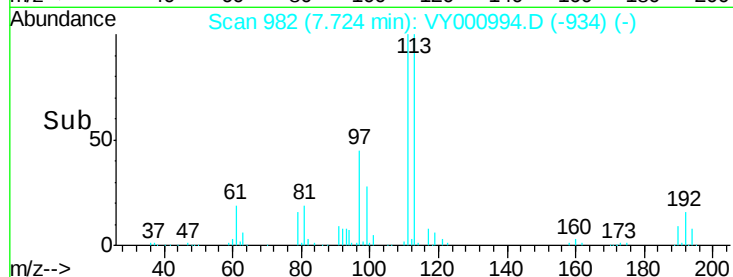
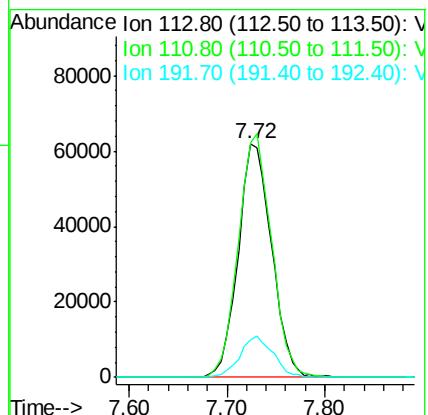
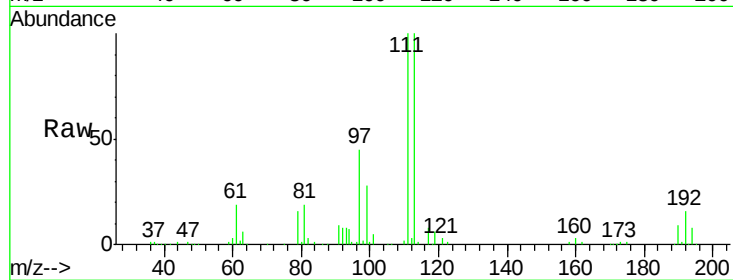
Tot Ion:113 Resp: 147498

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 17.4 14.2 21.2



#36

1,1-Dichloropropene

Concen: 19.46 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

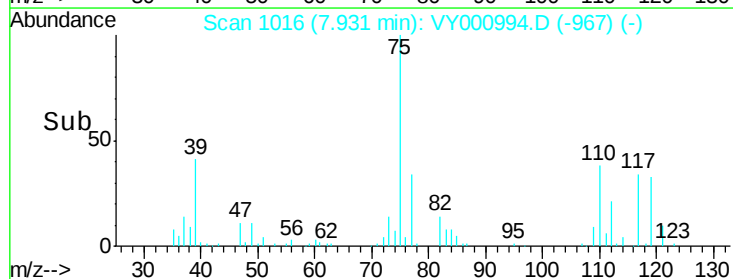
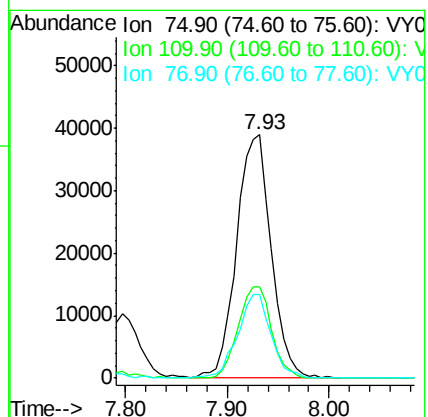
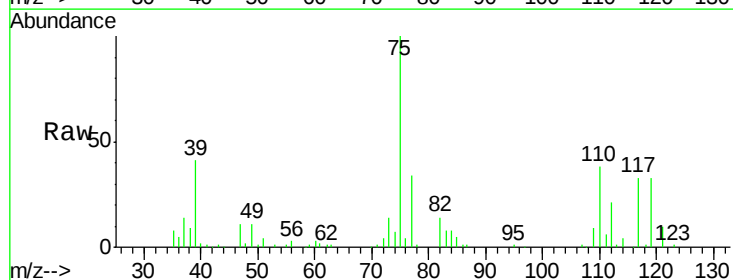
Tgt Ion: 75 Resp: 91515

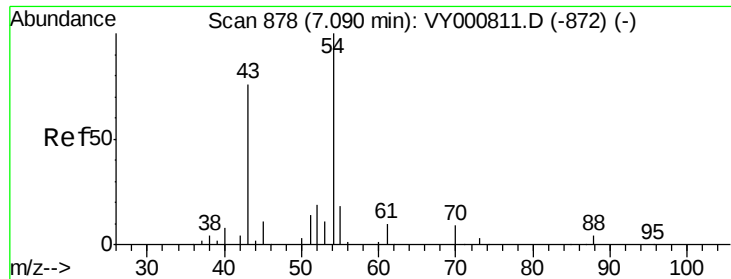
Ion Ratio Lower Upper

75 100

110 36.0 17.9 53.7

77 33.4 24.7 37.1

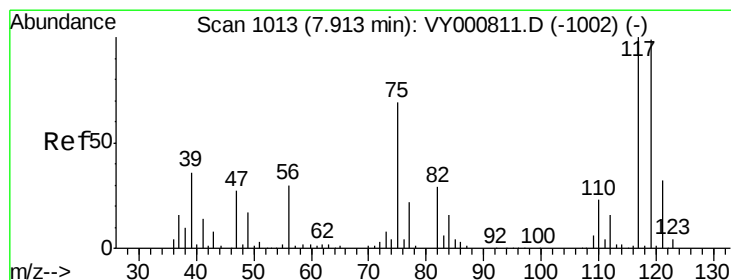
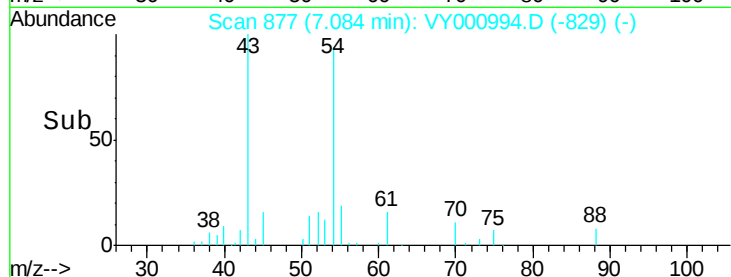
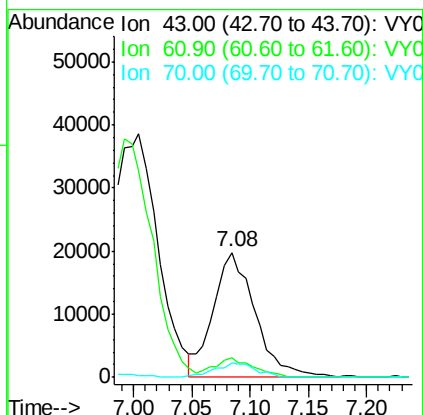
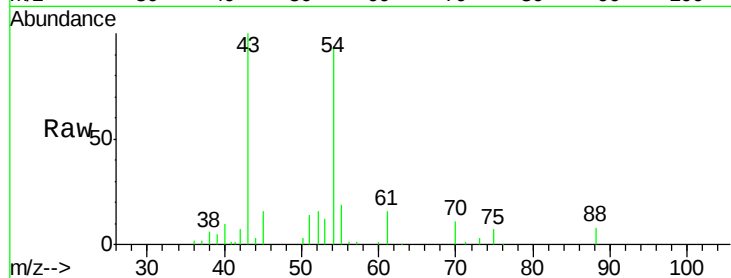




#37
Ethyl Acetate
Concen: 17.97 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

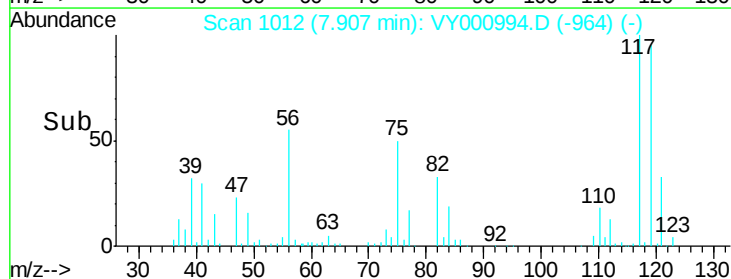
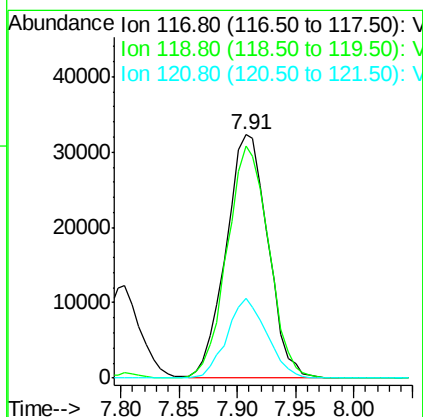
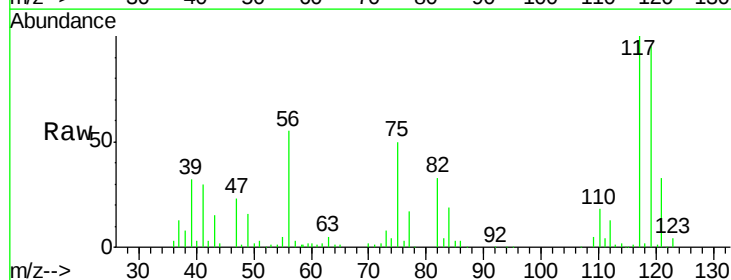
Instrument :
MSVOA_Y
ClientSampleID :

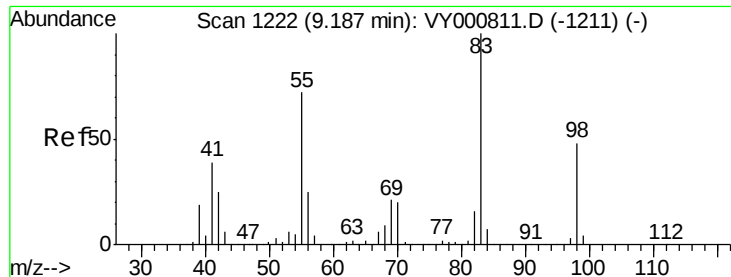
Tot Ion: 43 Resp: 48784
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.32 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion: 117 Resp: 80896
Ion Ratio Lower Upper
117 100
119 95.2 79.3 118.9
121 32.9 25.5 38.3

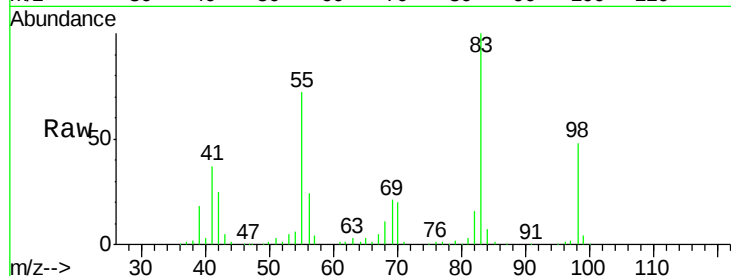




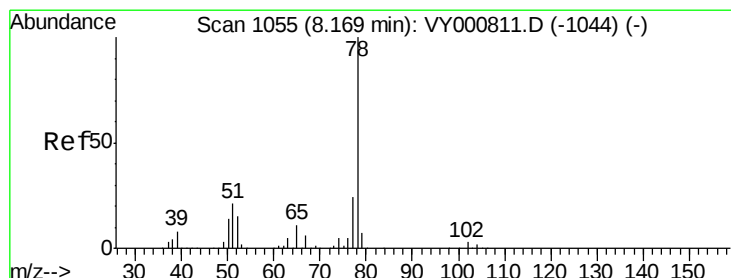
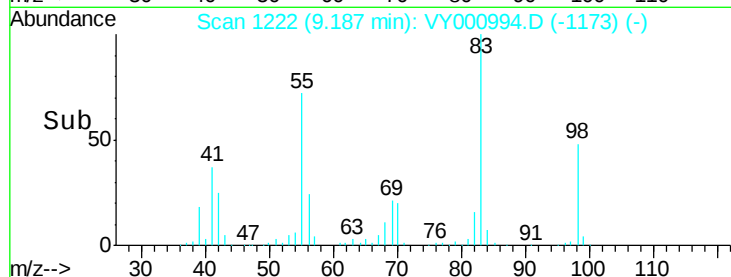
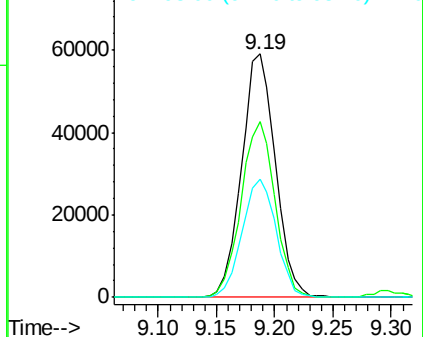
#39
Methvlcvclohexane
Concen: 19.23 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 119763
Ion Ratio Lower Upper
83 100
55 72.3 57.8 86.6
98 48.3 38.6 58.0

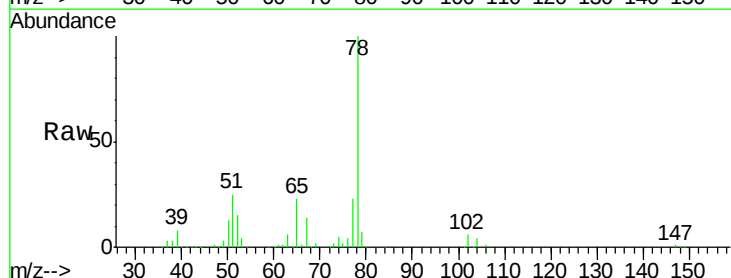


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

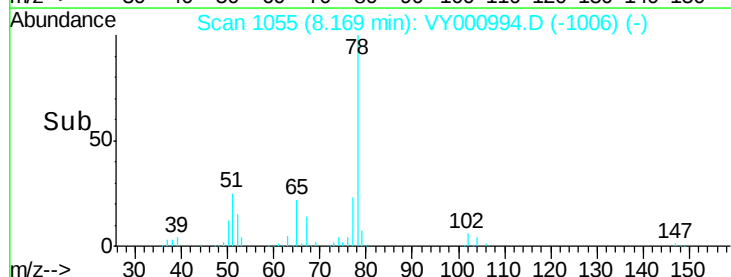
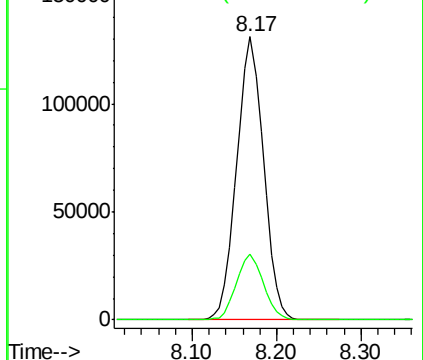


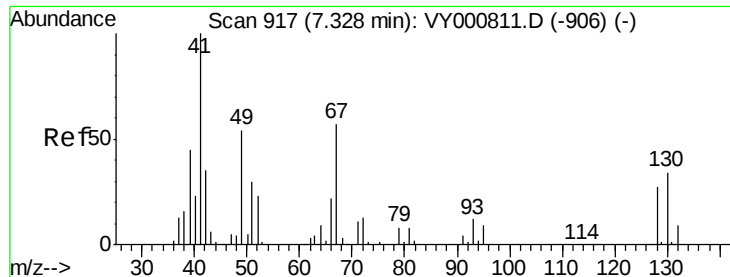
#40
Benzene
Concen: 20.51 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion: 78 Resp: 280854
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8



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





#41

Methacrylonitrile

Concen: 45.61 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 65271

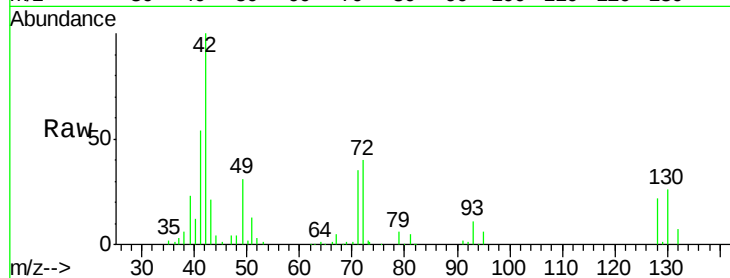
Ion Ratio Lower Upper

41 100

39 0.0 95.7 143.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

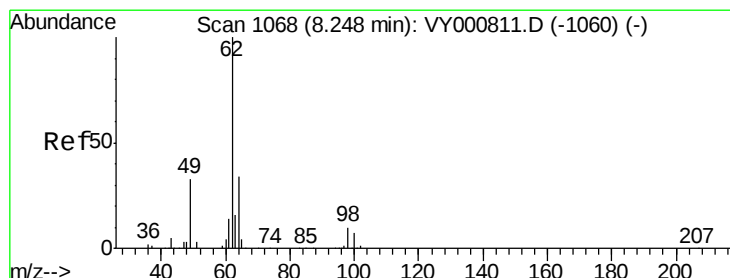
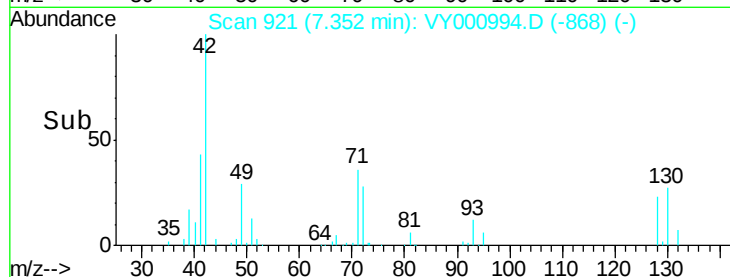
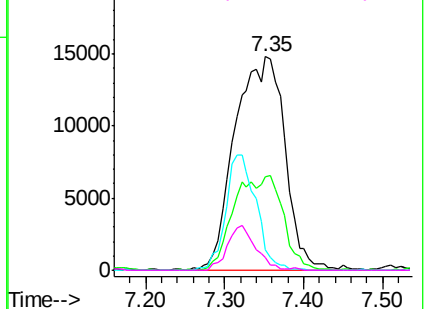


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 18.68 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000994.D

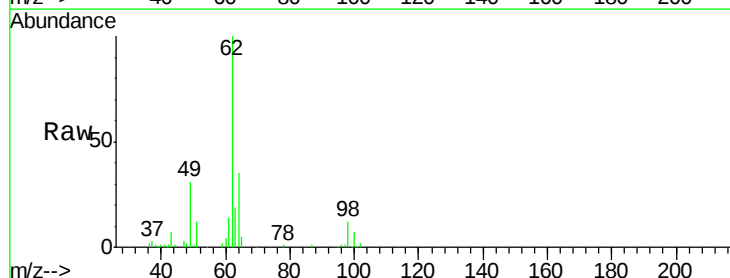
Acq: 18 Dec 2019 13:04

Tgt Ion: 62 Resp: 67288

Ion Ratio Lower Upper

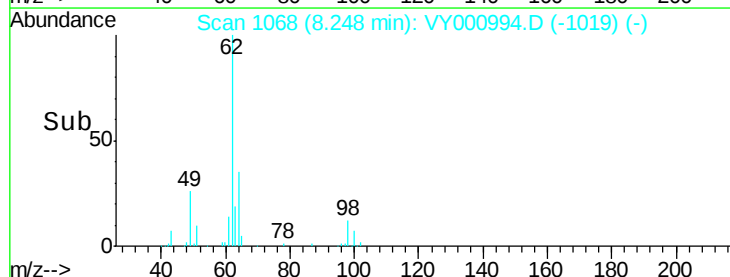
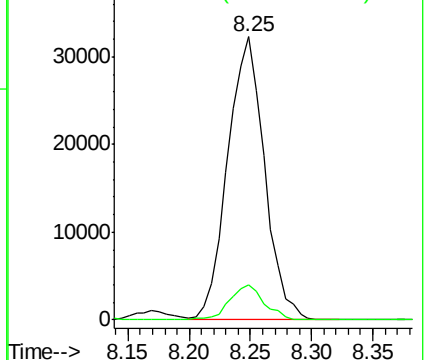
62 100

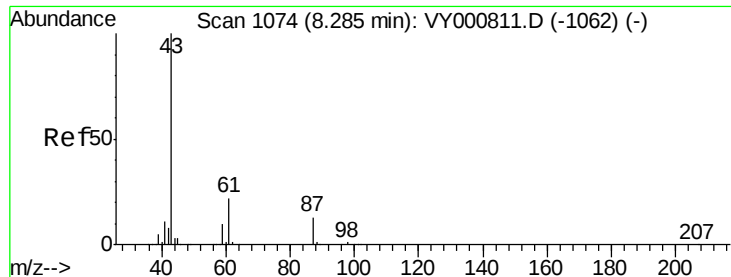
98 11.5 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



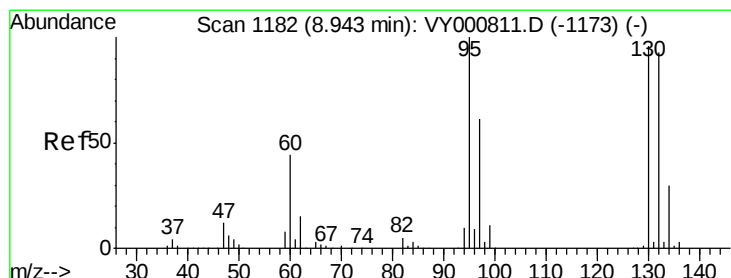
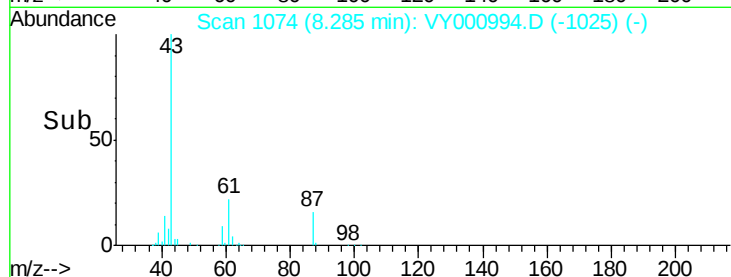
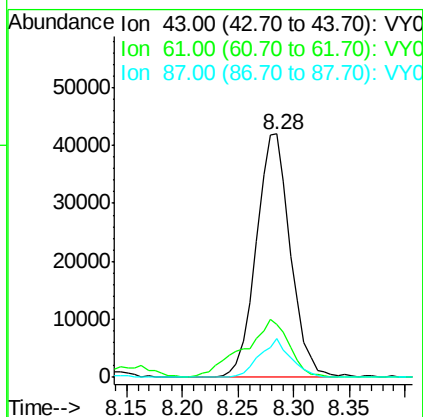
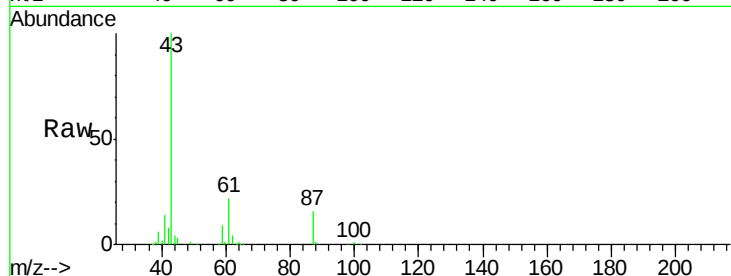


#43

Isopropyl Acetate
 Concen: 17.57 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Instrument :
 MSVOA_Y
 ClientSampled :

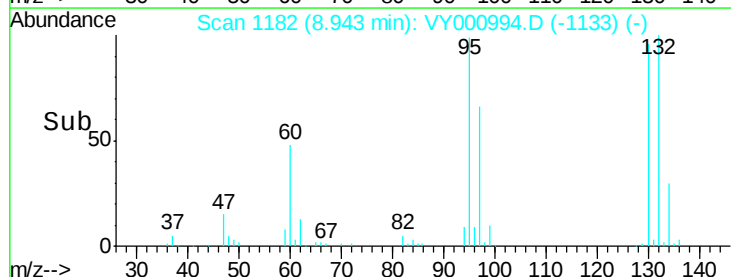
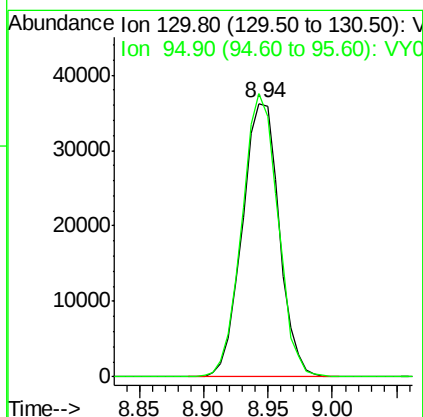
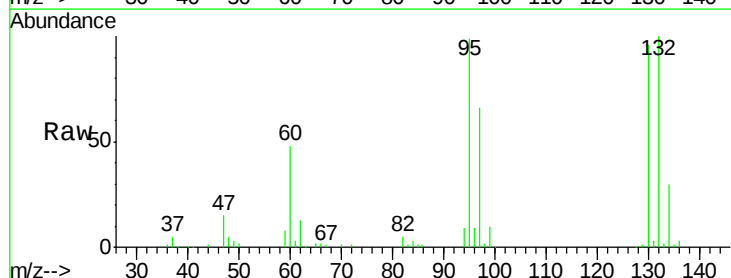
Tot Ion	43	Resp	89898
Ion Ratio	Lower	Upper	
43	100		
61	31.6	23.7	35.5
87	14.4	10.6	15.8

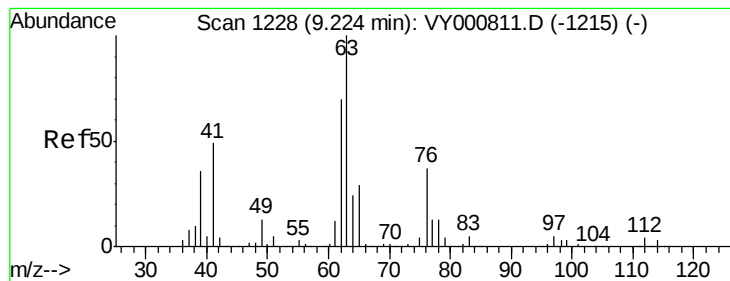


#44

Trichloroethene
 Concen: 20.40 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion	130	Resp	71800
Ion Ratio	Lower	Upper	
130	100		
95	103.4	0.0	207.8





#45

1,2-Dichloropropane

Concen: 20.60 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

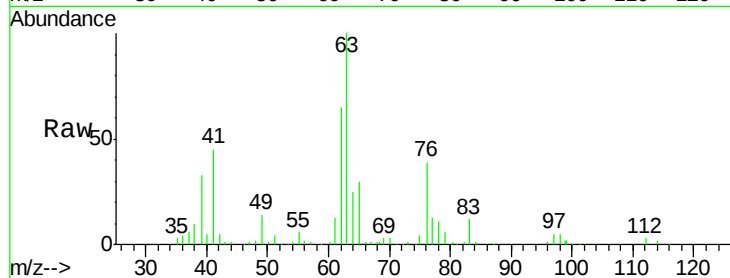
ClientSampled :

Tot Ion: 63 Resp: 70866

Ion Ratio Lower Upper

63 100

65 29.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

40000

30000

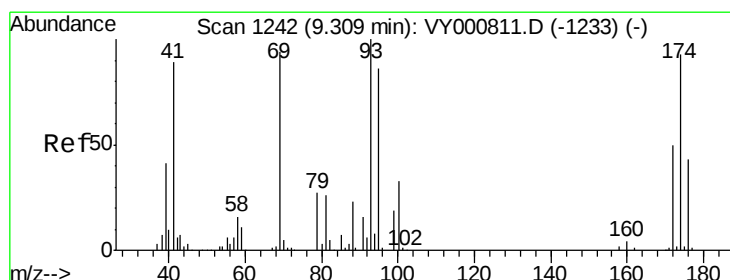
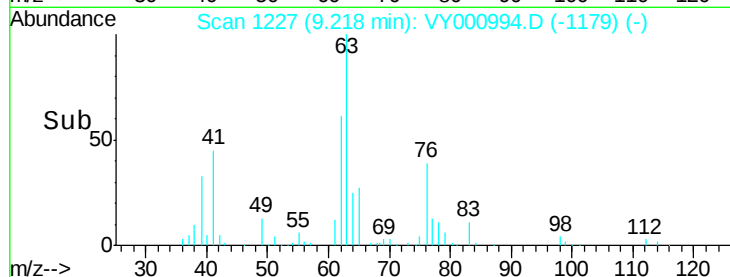
20000

10000

0

Time-->

9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 19.71 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

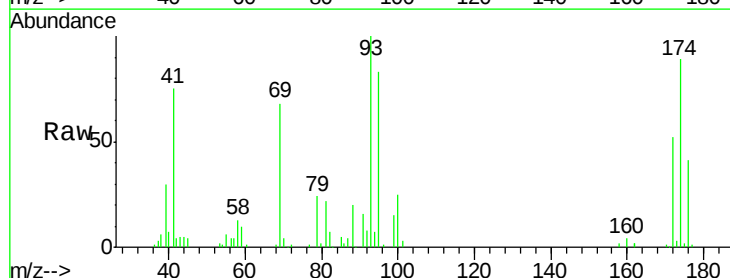
Tgt Ion: 93 Resp: 35420

Ion Ratio Lower Upper

93 100

95 84.2 66.4 99.6

174 90.0 73.0 109.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

9.31

25000

20000

15000

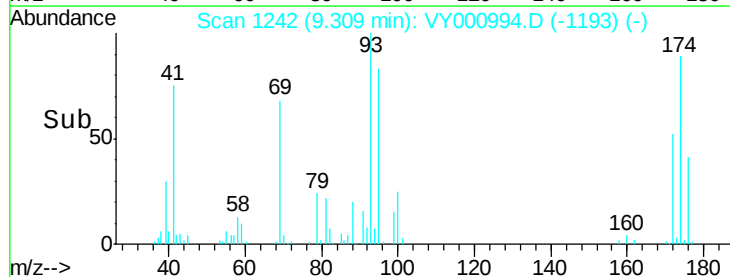
10000

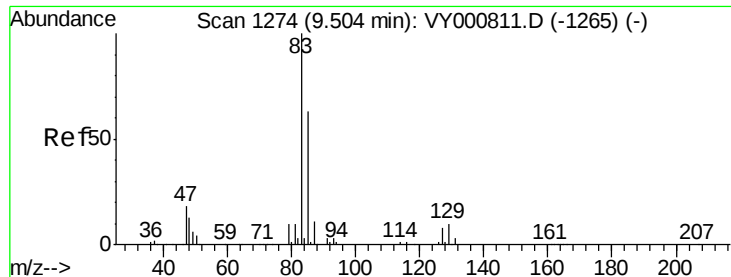
5000

0

Time-->

9.25 9.30 9.35 9.40

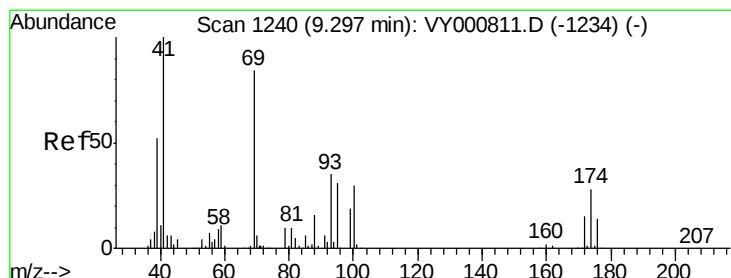
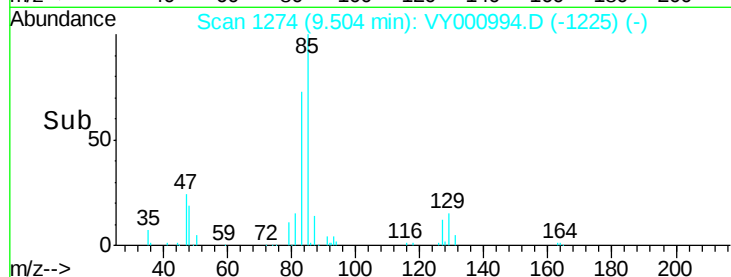
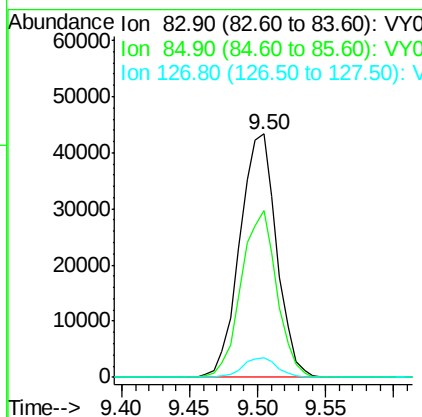
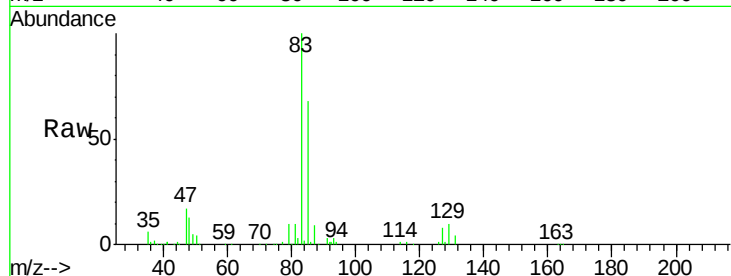




#47
Bromodichloromethane
Concen: 19.43 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

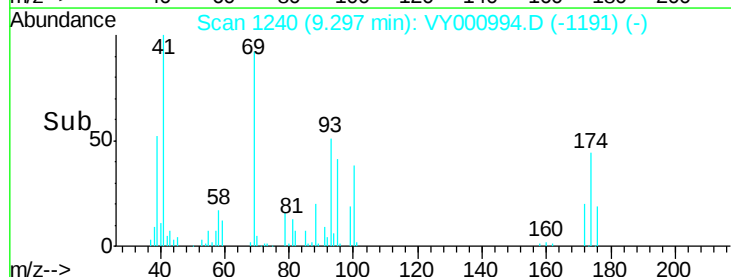
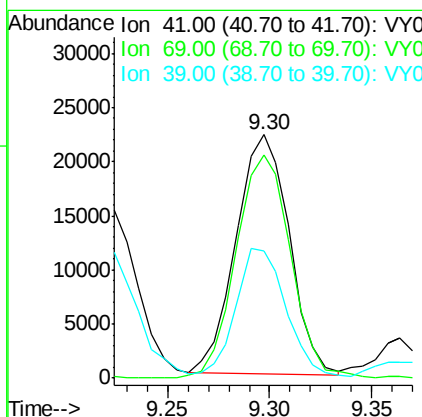
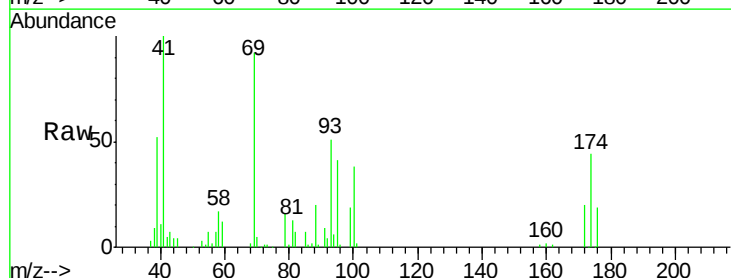
Instrument :
MSVOA_Y
ClientSampled :

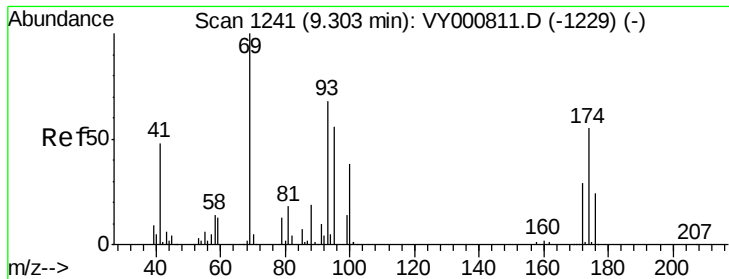
Tot Ion	83	Resp	82045
Ion Ratio	100		
Lower	50.8		
Upper	76.2		
85	68.3		
127	7.9		
	6.6		
	10.0		



#48
Methyl methacrylate
Concen: 17.87 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion	41	Resp	40199
Ion Ratio	100		
Lower	70.4		
Upper	105.6		
69	95.6		
39	51.4		
	40.9		
	61.3		





#49

1,4-Dioxane

Concen: 388.36 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampled :

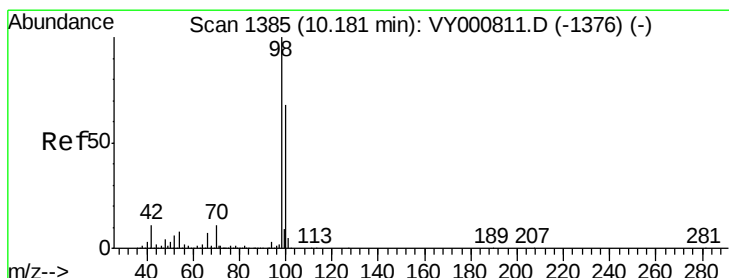
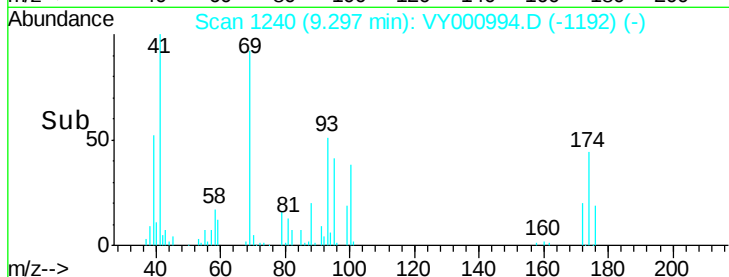
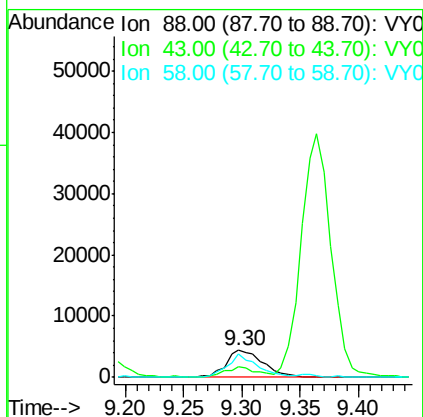
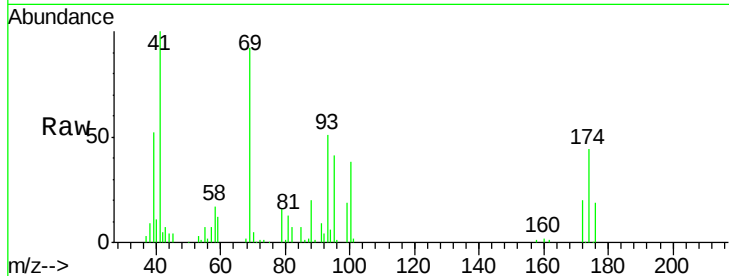
Tot Ion: 88 Resp: 9891

Ion Ratio Lower Upper

88 100

43 34.5 21.1 31.7#

58 68.7 50.7 76.1



#50

Toluene-d8

Concen: 54.90 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000994.D

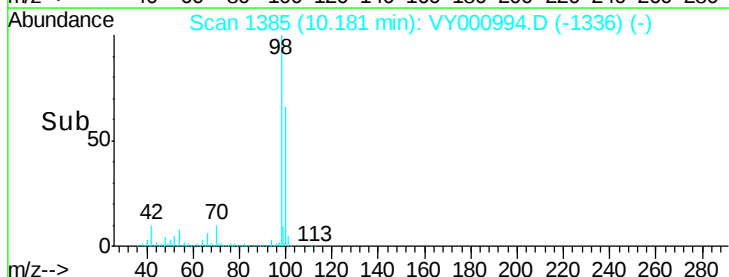
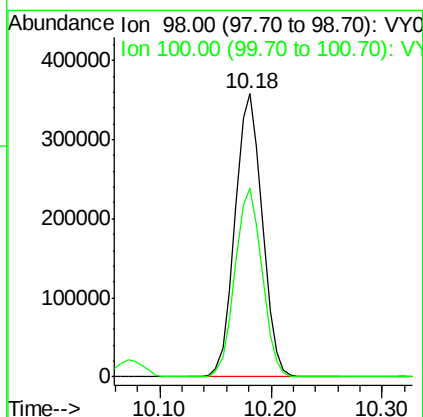
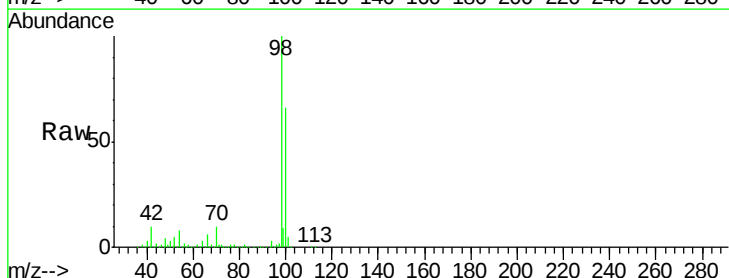
Acq: 18 Dec 2019 13:04

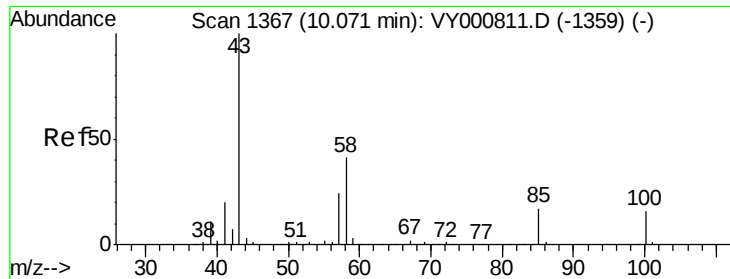
Tgt Ion: 98 Resp: 604853

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 90.55 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

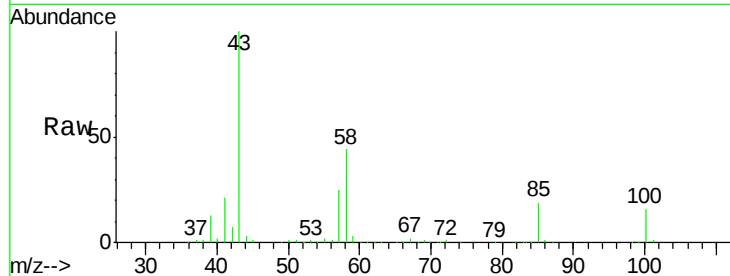
ClientSampled :

Tot Ion: 43 Resp: 239371

Ion Ratio Lower Upper

43 100

58 40.9 33.1 49.7



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

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

10.07

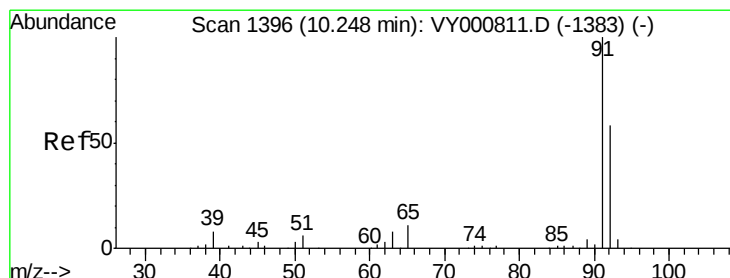
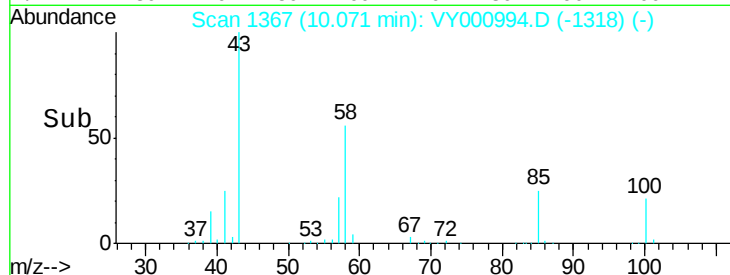
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.74 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000994.D

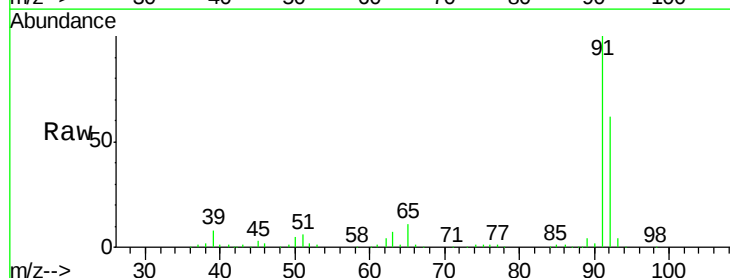
Acq: 18 Dec 2019 13:04

Tgt Ion: 92 Resp: 175882

Ion Ratio Lower Upper

92 100

91 166.2 136.6 204.8



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

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

10.24

200000

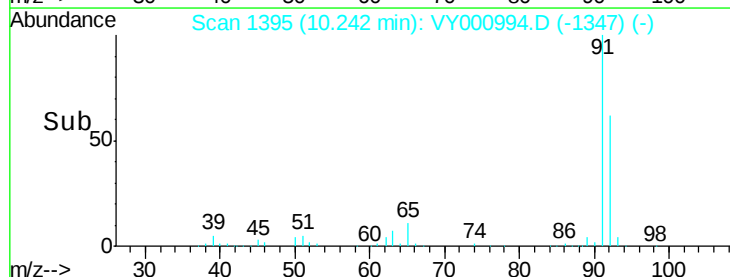
150000

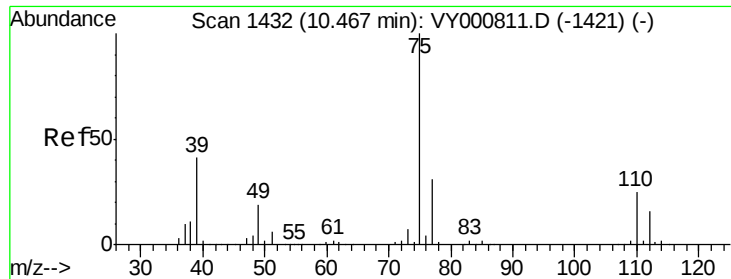
100000

50000

0

Time-->

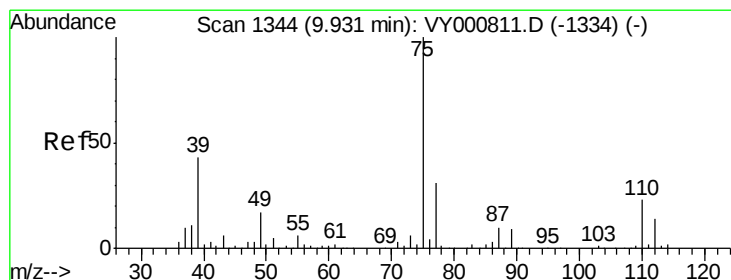
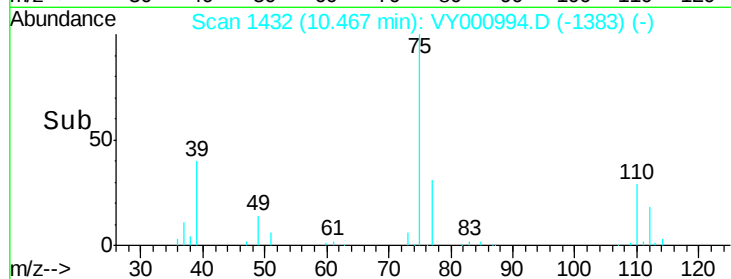
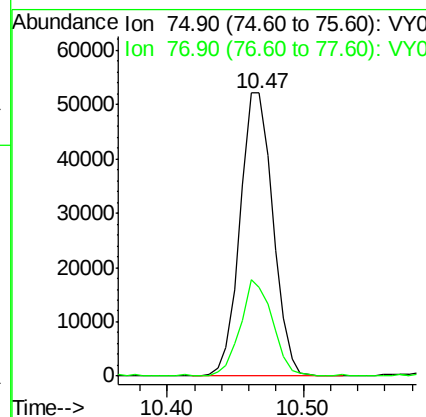
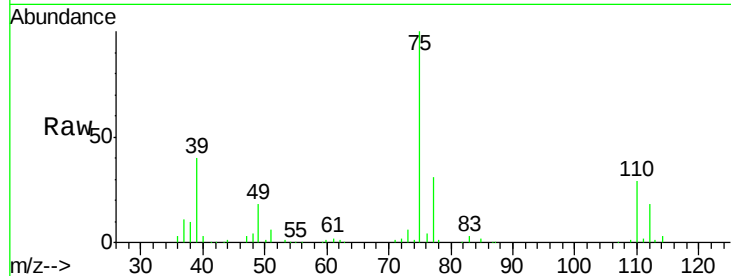




#53
 t-1,3-Dichloropropene
 Concen: 19.46 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

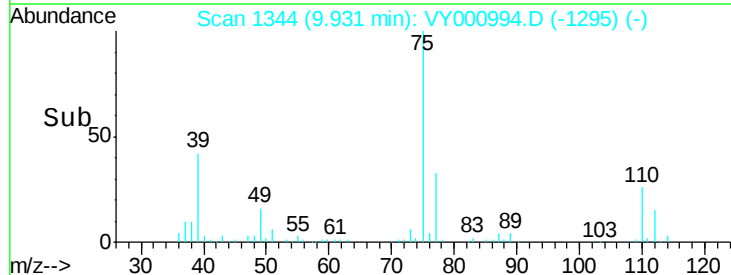
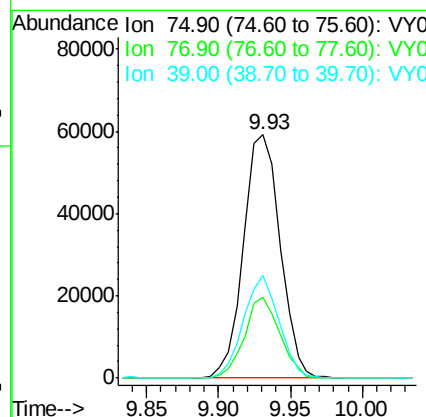
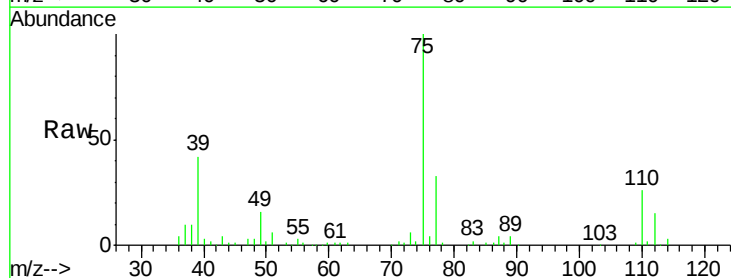
Instrument :
 MSVOA_Y
 ClientSampled :

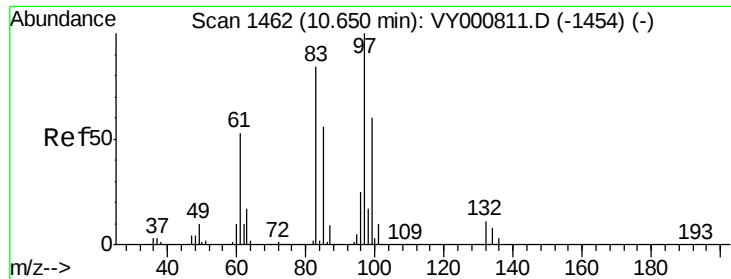
Tot Ion: 75 Resp: 88274
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.50 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion: 75 Resp: 104565
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.7 37.1
 39 42.0 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.94 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 52942

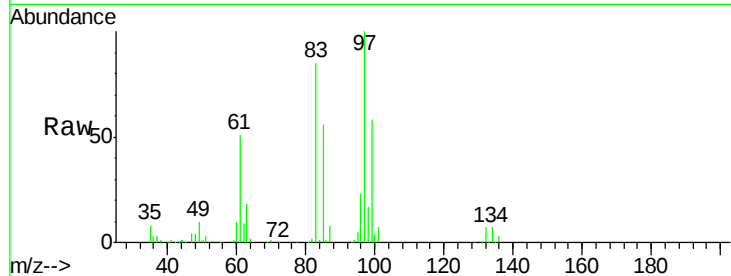
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.5	101.3
85	55.5	44.5	66.7
99	58.2	47.7	71.5

97 100

83 84.8 67.5 101.3

85 55.5 44.5 66.7

99 58.2 47.7 71.5



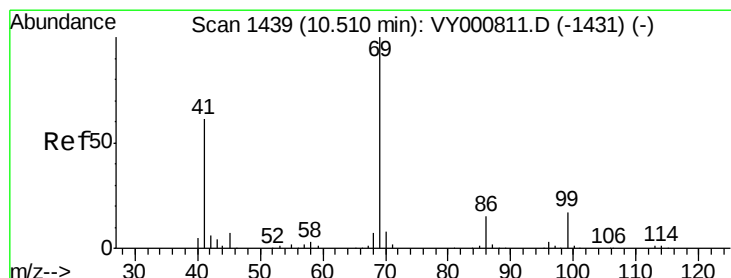
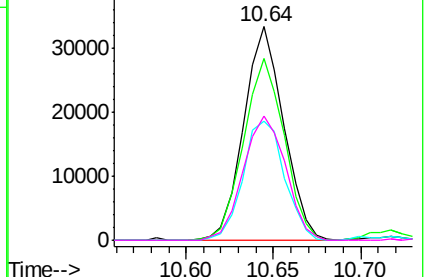
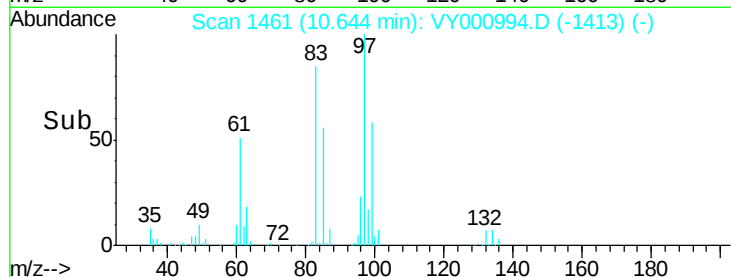
Abundance Ion 96.90 (96.60 to 97.60): VY0

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

Time-->



#56

Ethyl methacrylate

Concen: 18.47 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

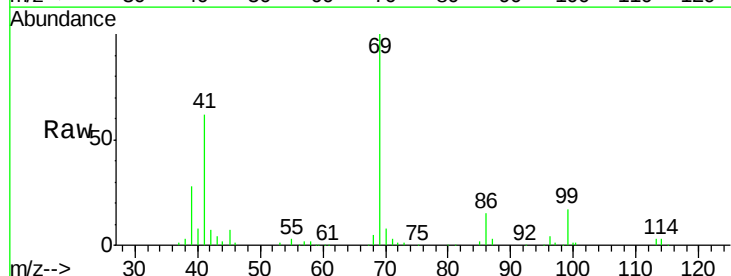
Tgt Ion: 69 Resp: 70149

Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.0	73.6
39	27.4	23.1	34.7

69 100

41 60.9 49.0 73.6

39 27.4 23.1 34.7

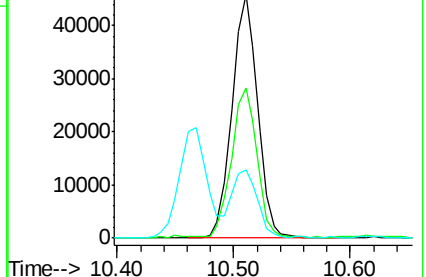
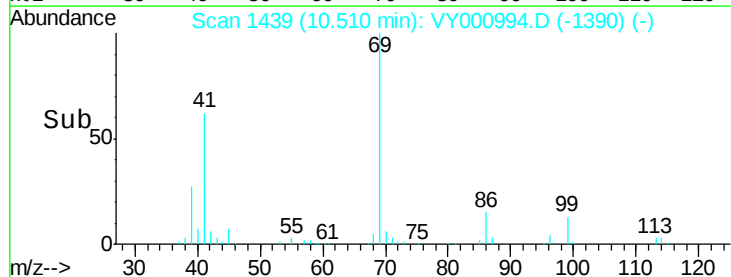


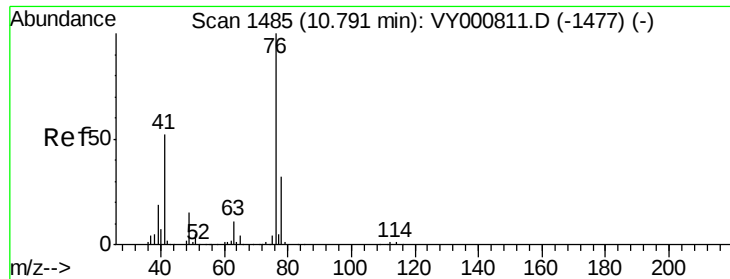
Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Time-->





#57

1,3-Dichloropropane

Concen: 19.81 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

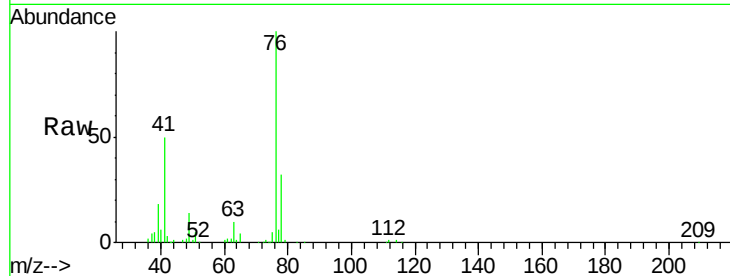
ClientSampleId :

Tot Ion: 76 Resp: 91694

Ion Ratio Lower Upper

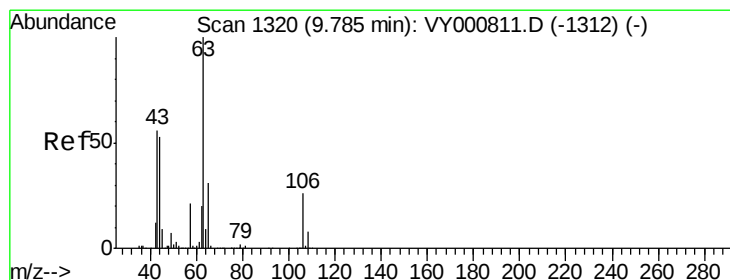
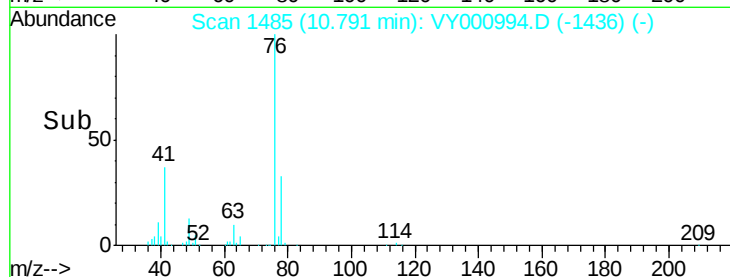
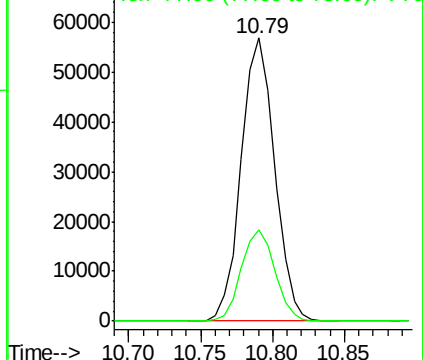
76 100

78 32.2 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 107.37 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY000994.D

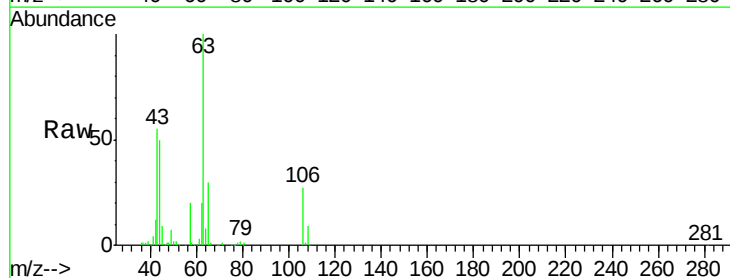
Acq: 18 Dec 2019 13:04

Tgt Ion: 63 Resp: 164474

Ion Ratio Lower Upper

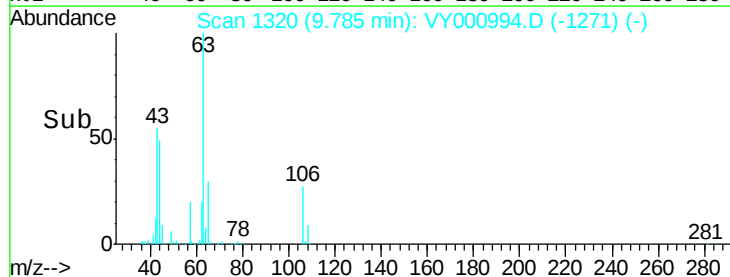
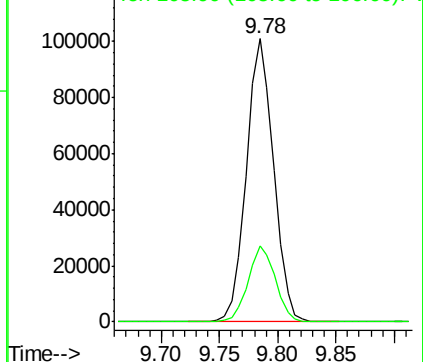
63 100

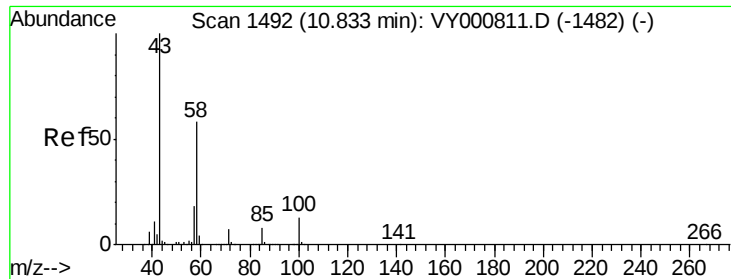
106 26.9 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 84.79 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

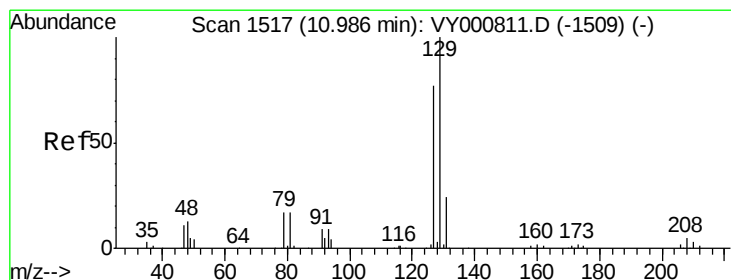
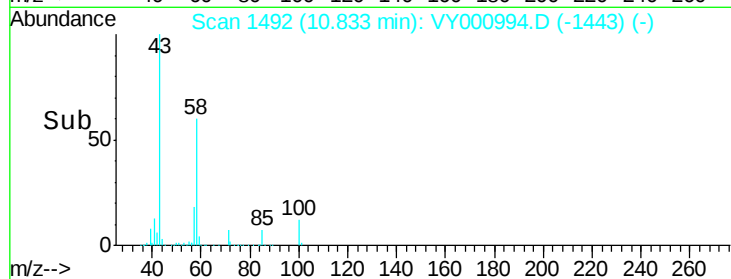
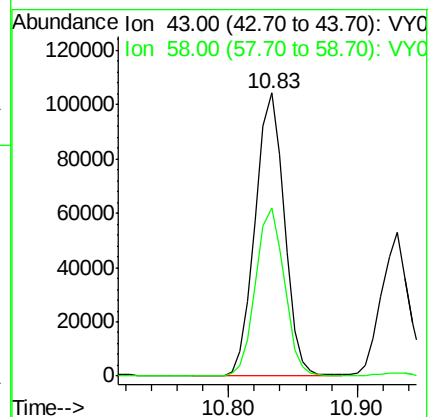
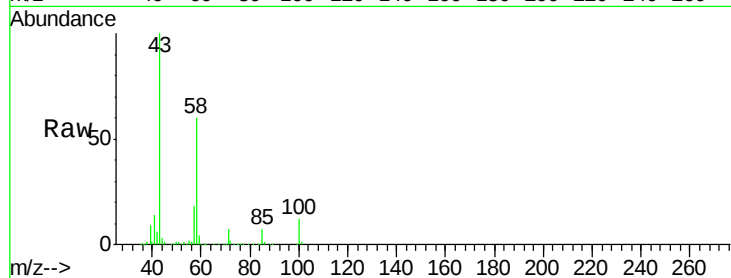
ClientSampled :

Tot Ion: 43 Resp: 163322

Ion Ratio Lower Upper

43 100

58 58.6 29.0 87.1



#60

Dibromochloromethane

Concen: 19.06 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY000994.D

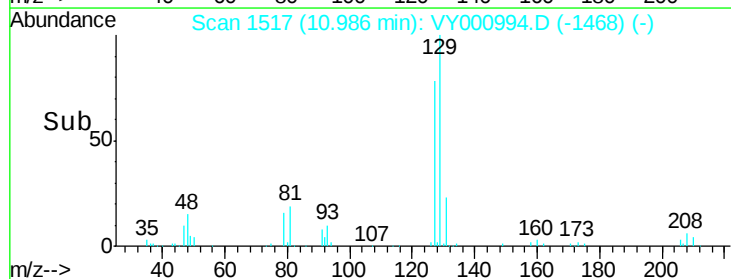
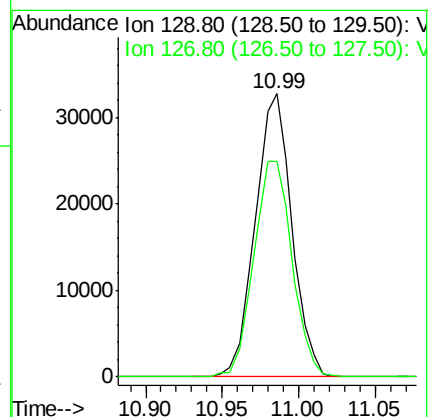
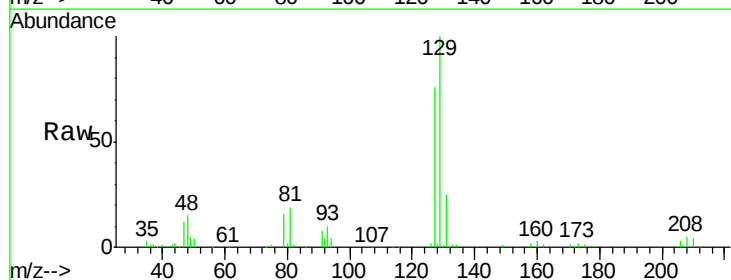
Acq: 18 Dec 2019 13:04

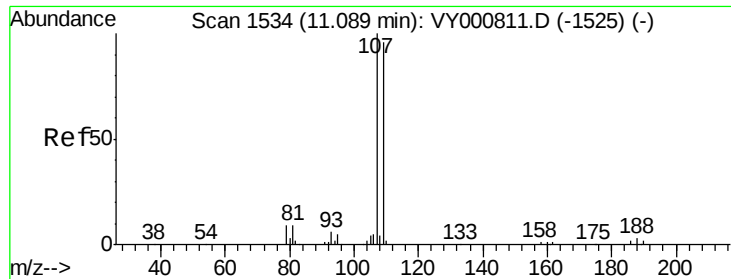
Tgt Ion: 129 Resp: 54495

Ion Ratio Lower Upper

129 100

127 79.7 39.1 117.2

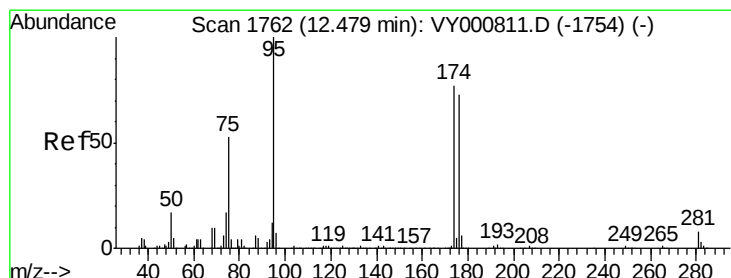
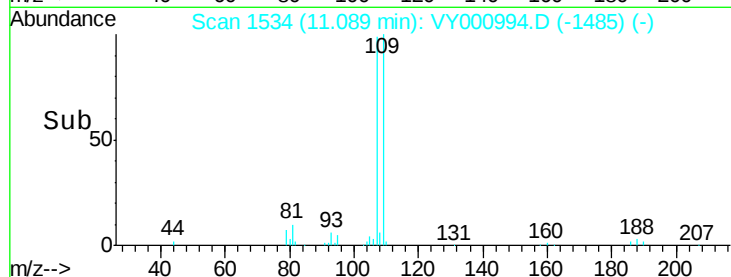
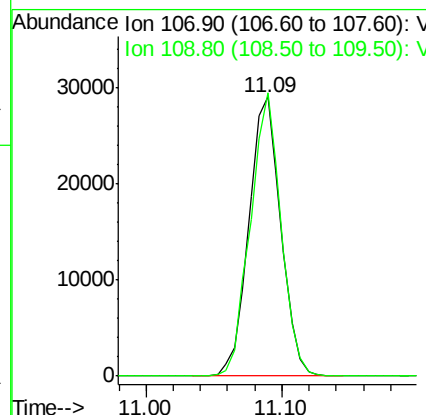
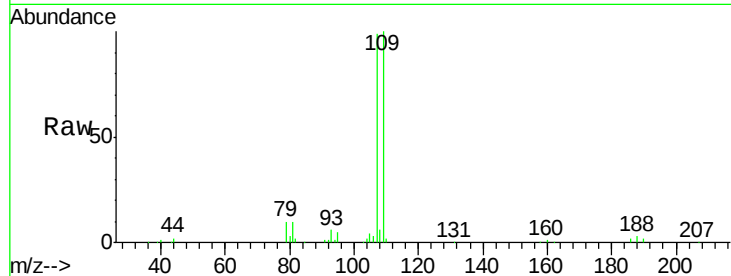




#61
 1,2-Dibromoethane
 Concen: 19.06 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

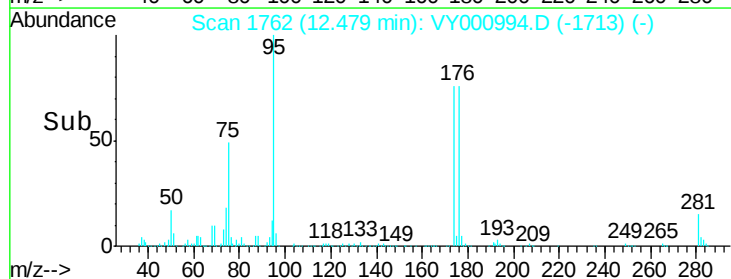
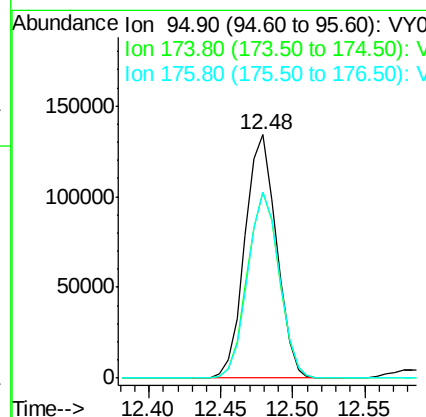
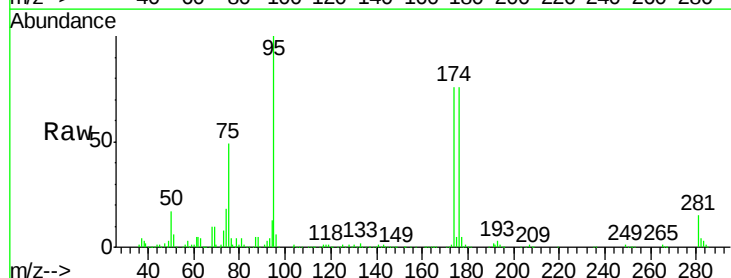
Instrument :
 MSVOA_Y
 ClientSampleId :

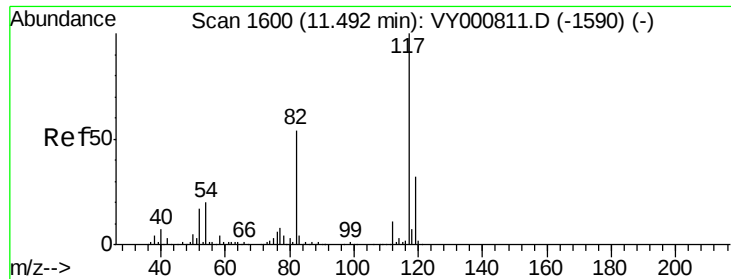
Tot Ion: 107 Resp: 47709
 Ion Ratio Lower Upper
 107 100
 109 97.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.31 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion: 95 Resp: 204058
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 150.6
 176 76.2 0.0 145.2

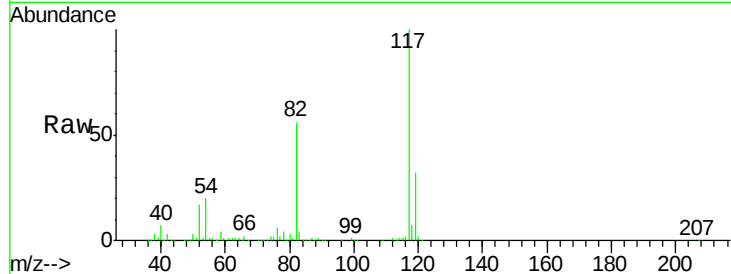




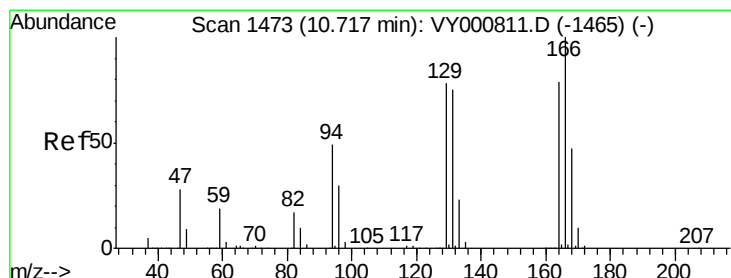
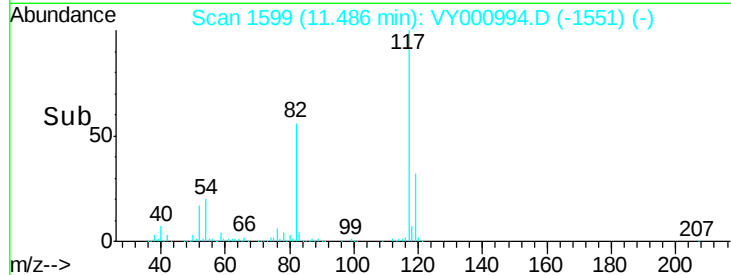
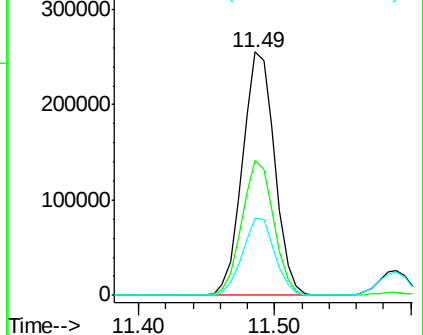
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 421661
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 31.7 25.3 37.9

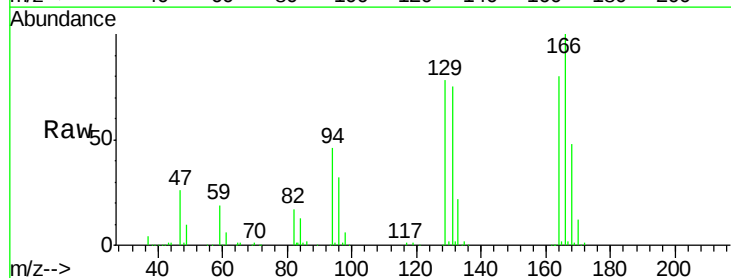


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

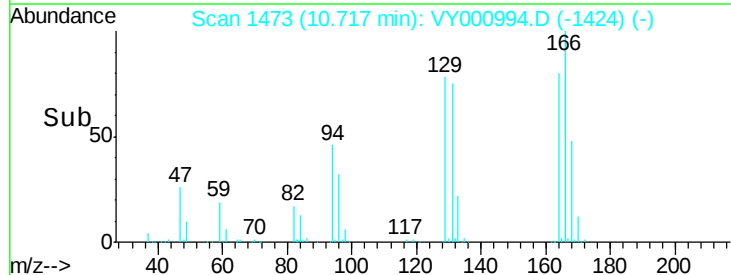
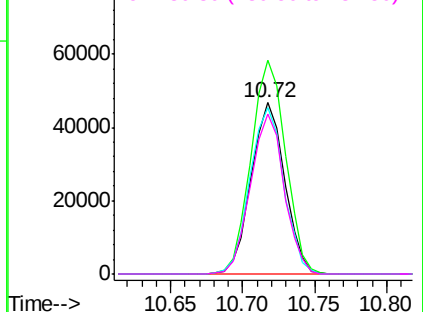


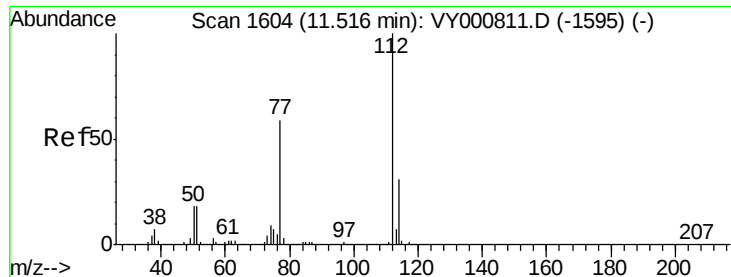
#64
Tetrachloroethene
Concen: 20.56 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion:164 Resp: 75310
Ion Ratio Lower Upper
164 100
166 124.6 101.8 152.8
129 96.8 79.3 118.9
131 93.6 76.4 114.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

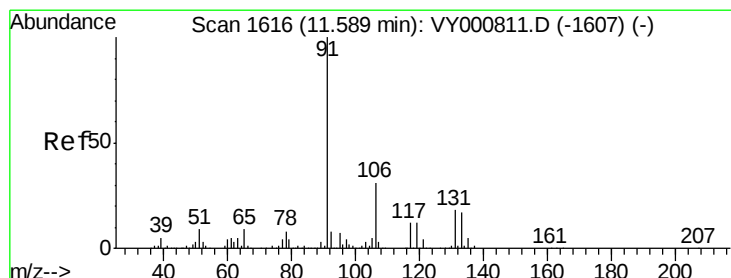
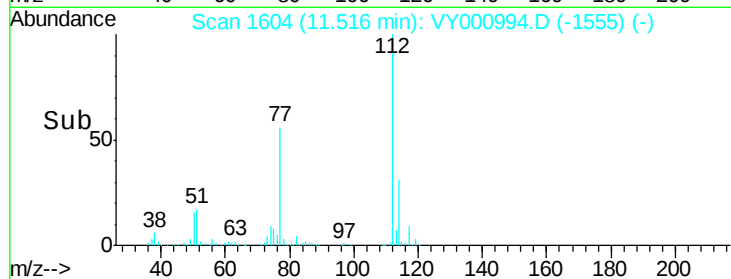
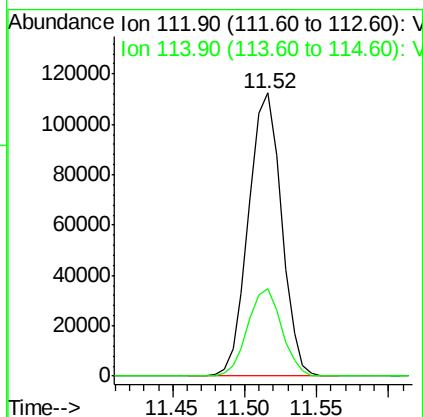
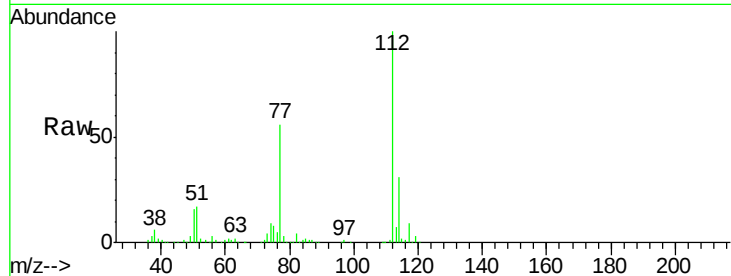




#65
Chlorobenzene
Concen: 20.33 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

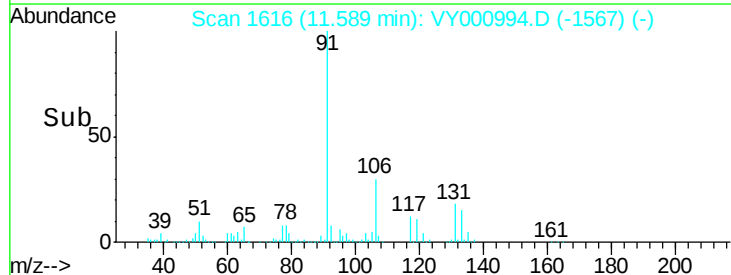
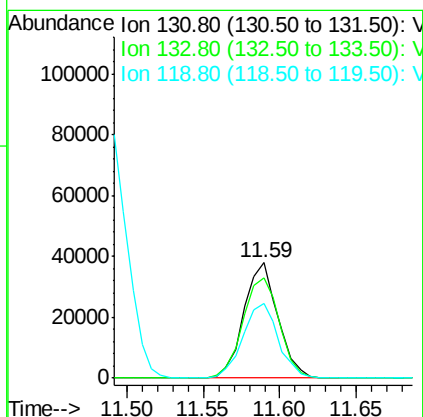
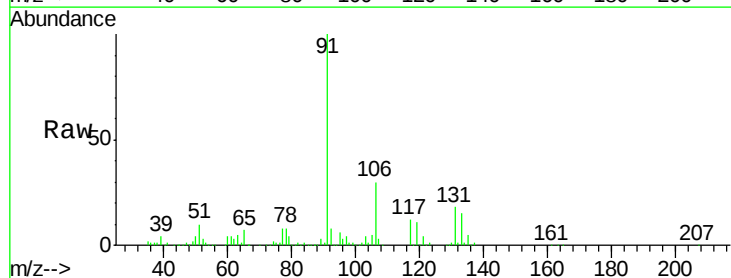
Instrument :
MSVOA_Y
ClientSampleId :

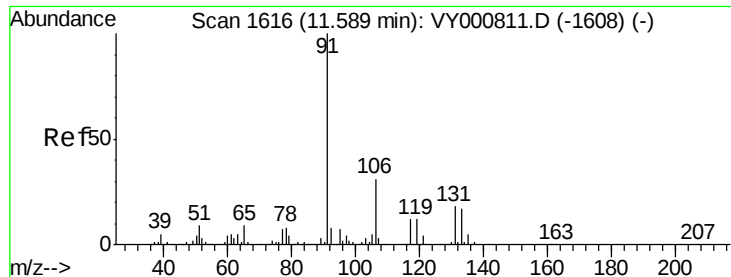
Tot Ion:112 Resp: 178158
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.83 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion:131 Resp: 58579
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.2
119 67.4 33.8 101.3

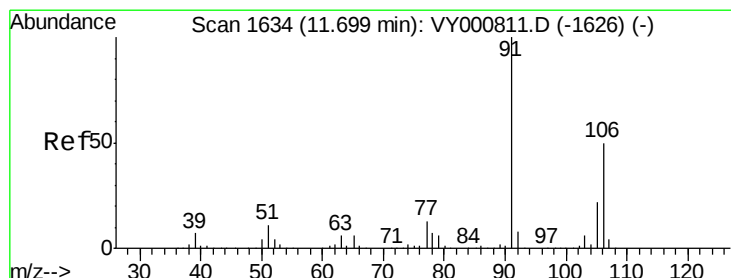
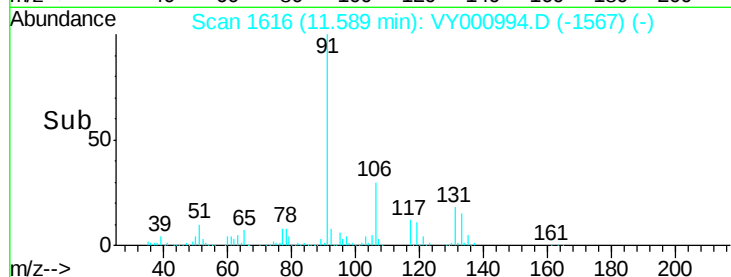
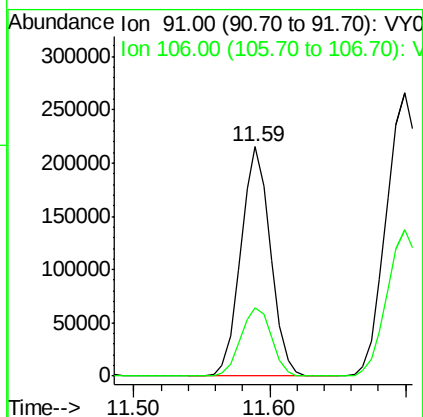
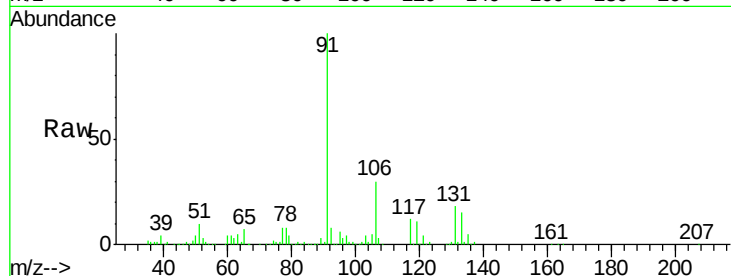




#67
Ethyl Benzene
Concen: 20.03 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

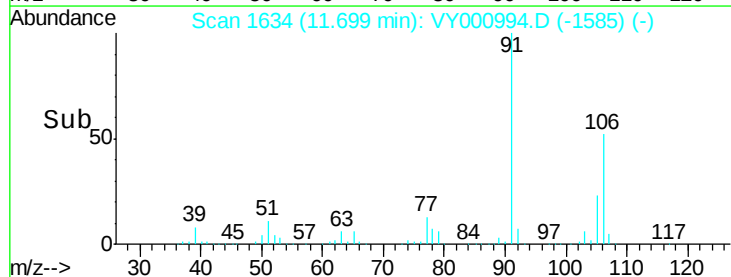
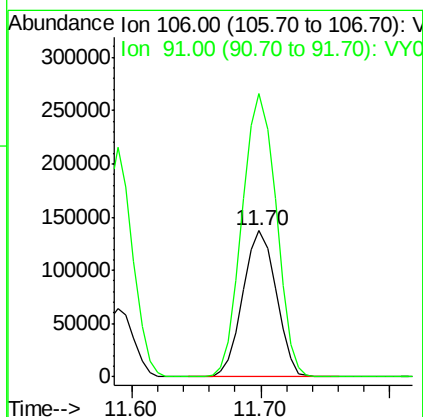
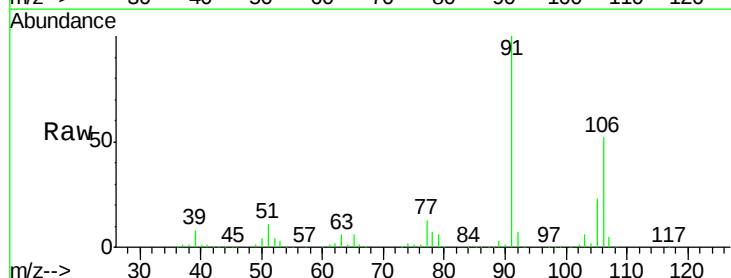
Instrument :
MSVOA_Y
ClientSampled :

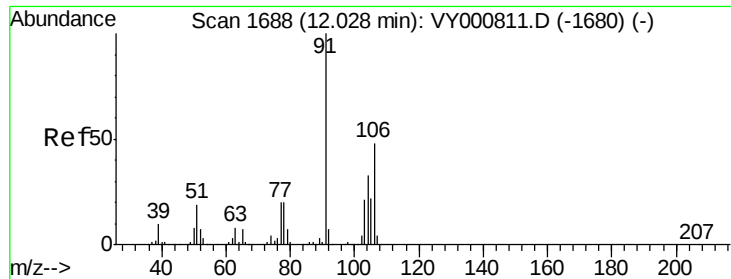
Tot Ion: 91 Resp: 326955
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#68
m/p-Xylenes
Concen: 40.27 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion: 106 Resp: 246729
Ion Ratio Lower Upper
106 100
91 197.7 159.6 239.4

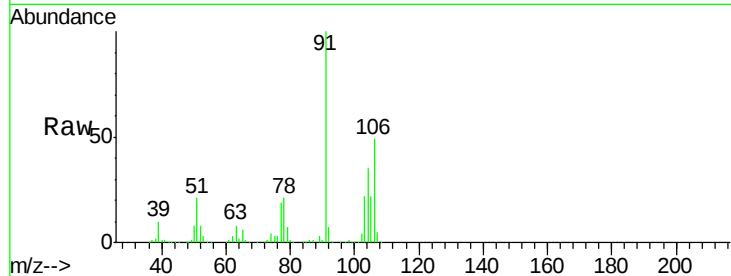




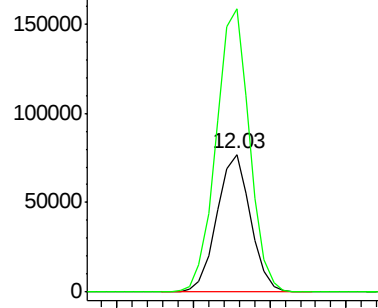
#69
o-Xylene
Concen: 20.52 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampled :

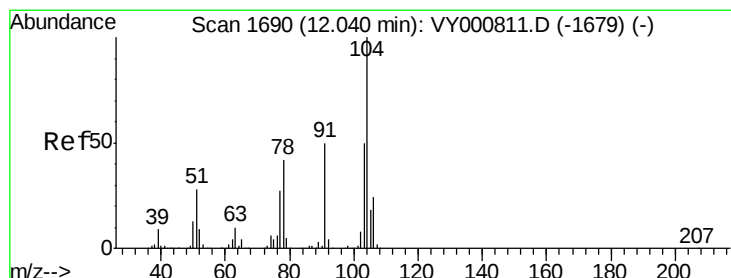
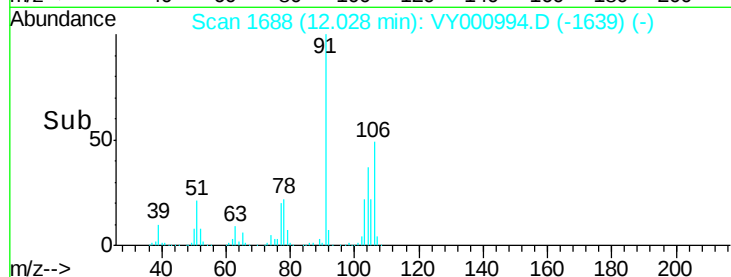
Tot Ion:106 Resp: 117214
Ion Ratio Lower Upper
106 100
91 204.0 106.1 318.1



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

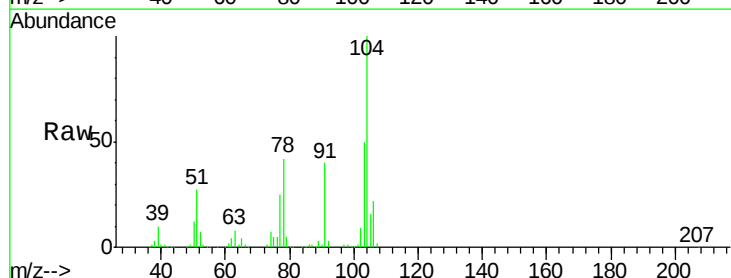


Time--> 11.95 12.00 12.05 12.10

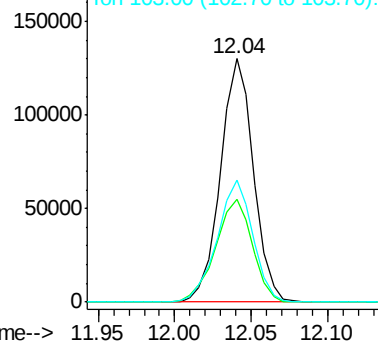


#70
Styrene
Concen: 19.98 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

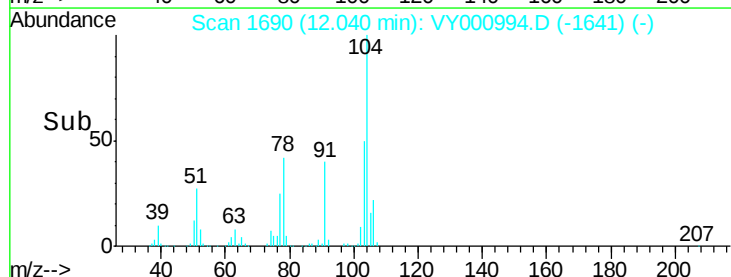
Tgt Ion:104 Resp: 195482
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.4
103 53.9 43.4 65.0

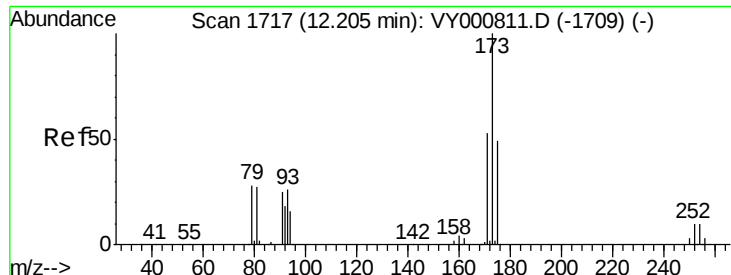


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time--> 11.95 12.00 12.05 12.10





#71

Bromoform

Concen: 18.52 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampled :

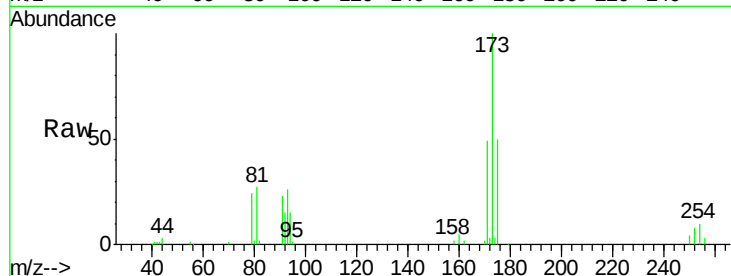
Tot Ion:173 Resp: 30861

Ion Ratio Lower Upper

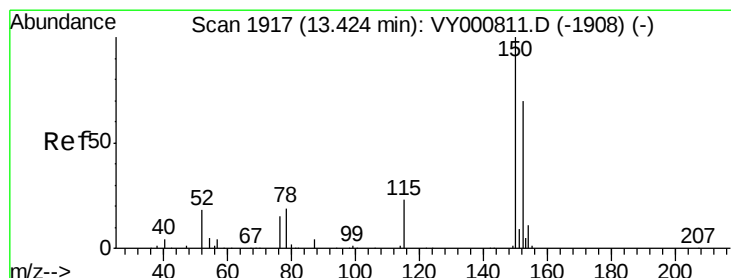
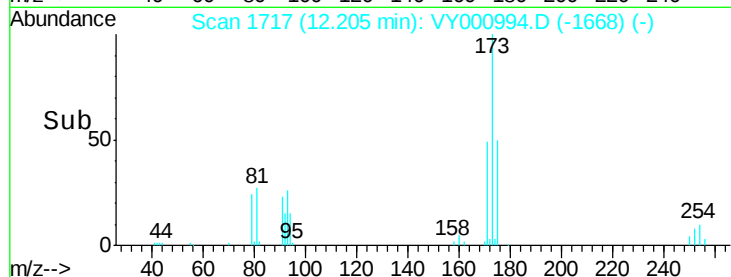
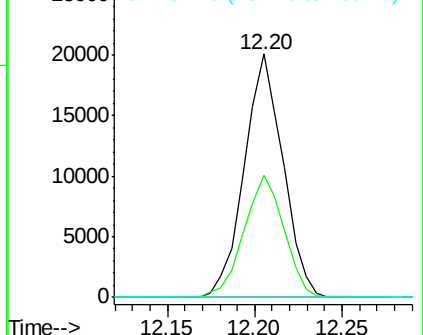
173 100

175 51.8 24.5 73.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

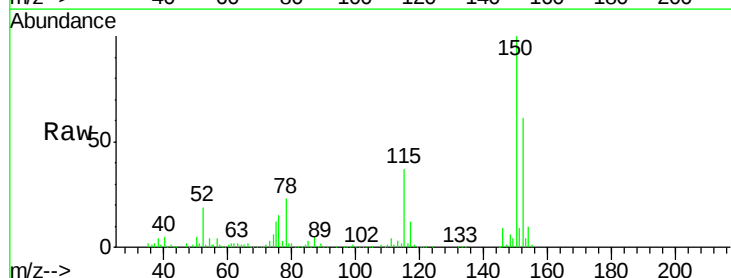
Tgt Ion:152 Resp: 195586

Ion Ratio Lower Upper

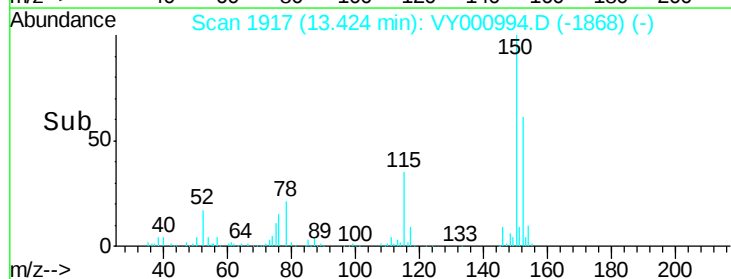
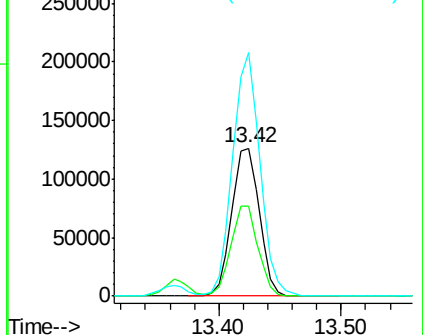
152 100

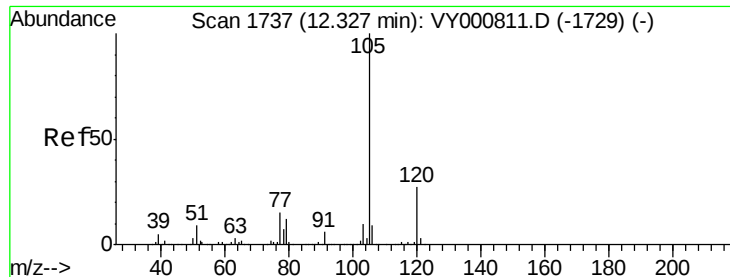
115 59.8 29.3 87.8

150 163.7 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: 20.03 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

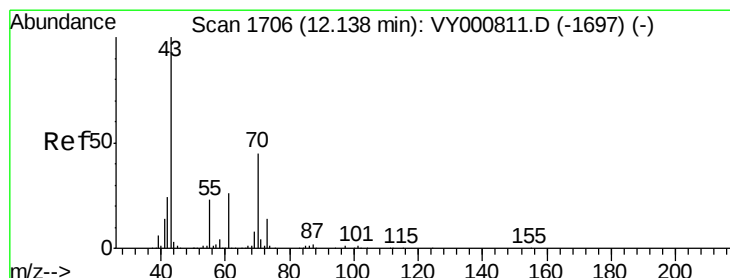
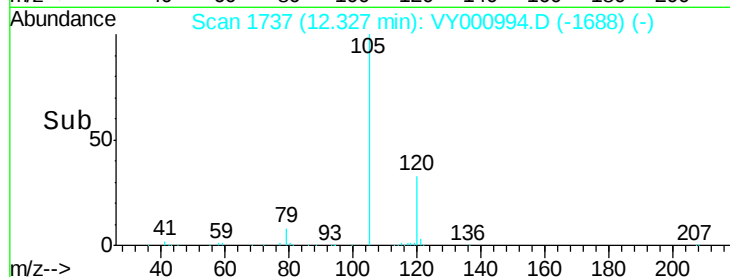
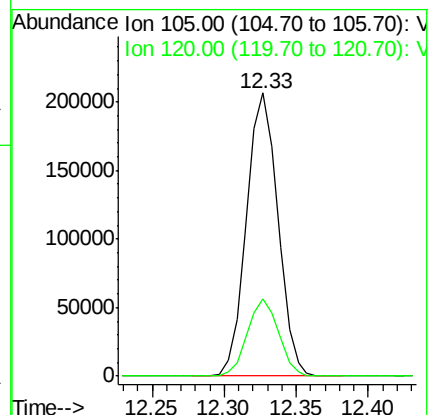
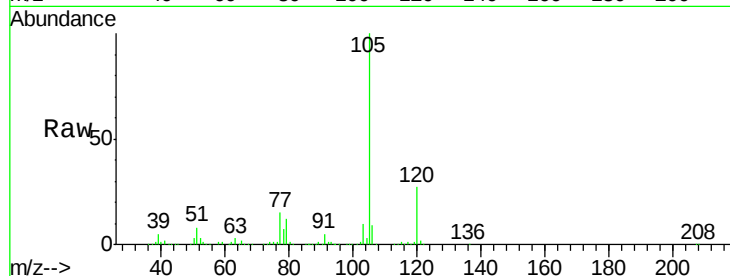
ClientSampleId :

Tot Ion:105 Resp: 311962

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 18.40 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Tgt Ion: 43 Resp: 79745

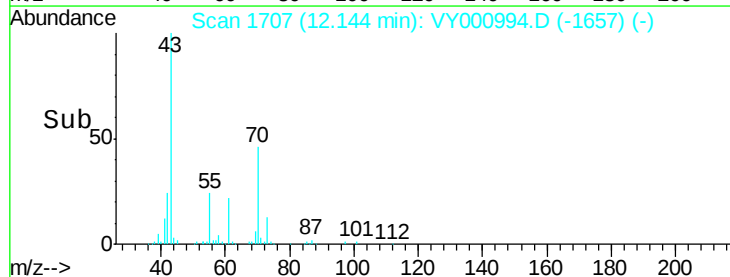
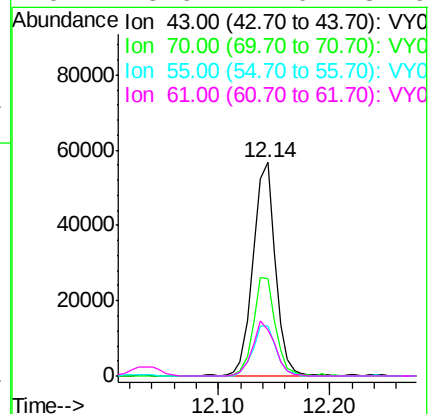
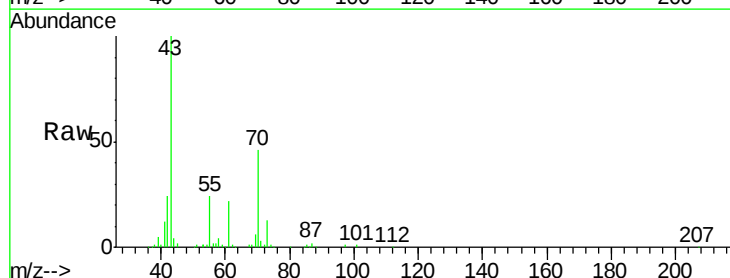
Ion Ratio Lower Upper

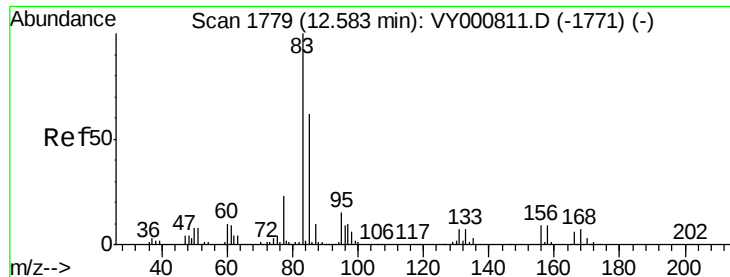
43 100

70 45.5 36.6 54.8

55 24.7 18.8 28.2

61 25.6 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.60 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

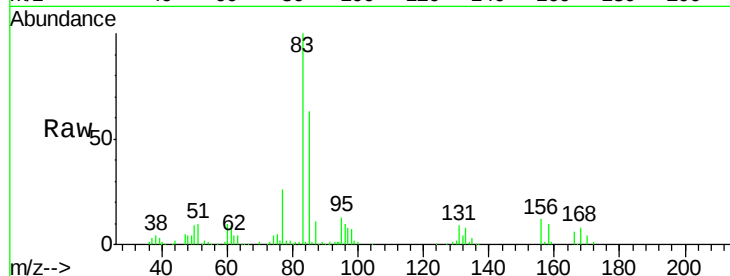
Tot Ion: 83 Resp: 57088

Ion Ratio Lower Upper

83 100

131 9.5 4.3 13.1

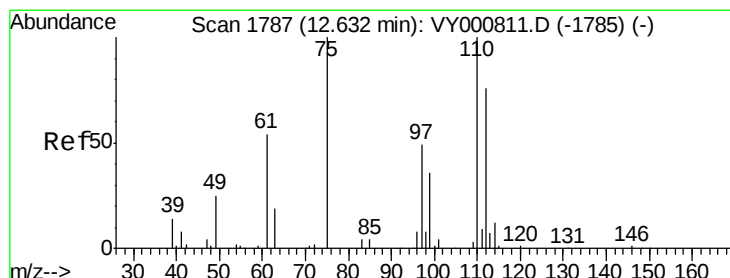
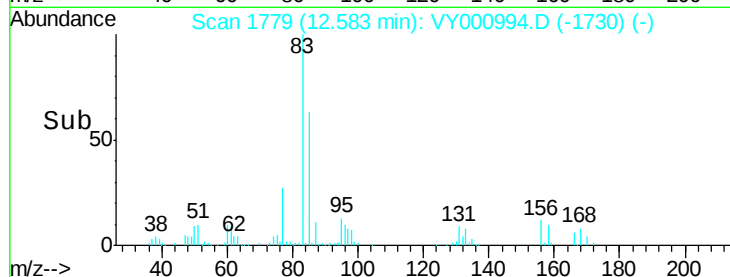
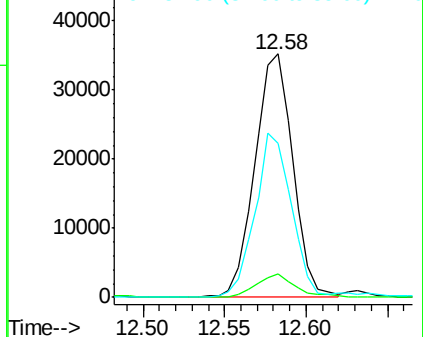
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 35.59 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY000994.D

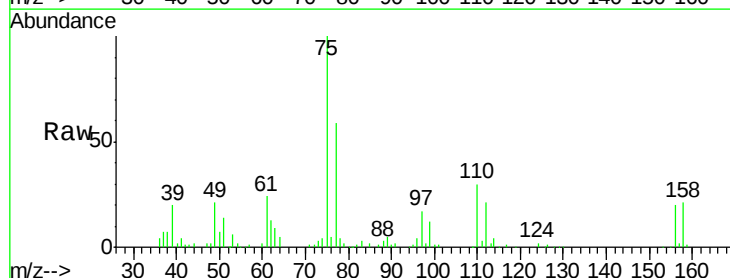
Acq: 18 Dec 2019 13:04

Tgt Ion: 75 Resp: 78868

Ion Ratio Lower Upper

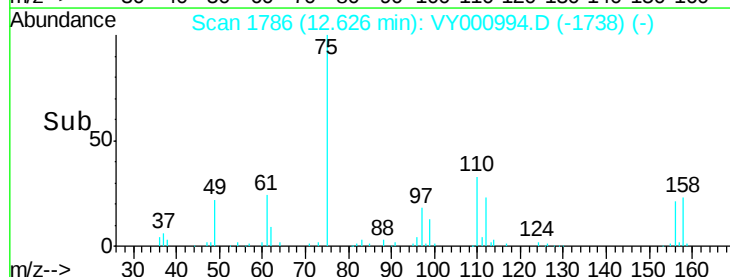
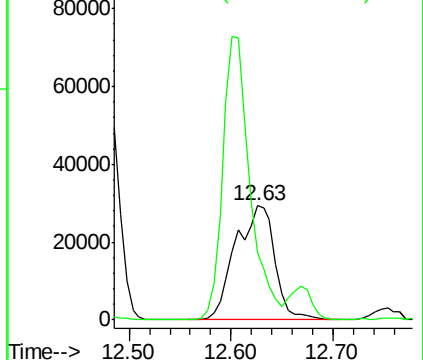
75 100

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: 19.85 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

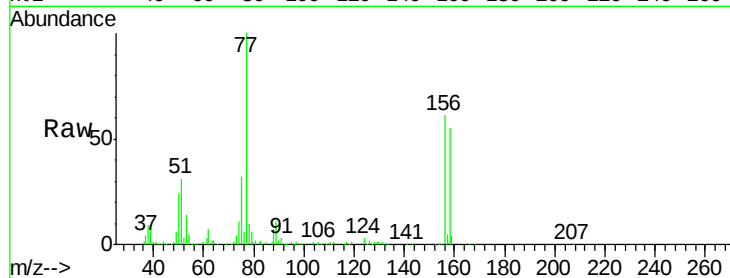
Tot Ion:156 Resp: 67022

Ion Ratio Lower Upper

156 100

77 202.1 102.6 307.7

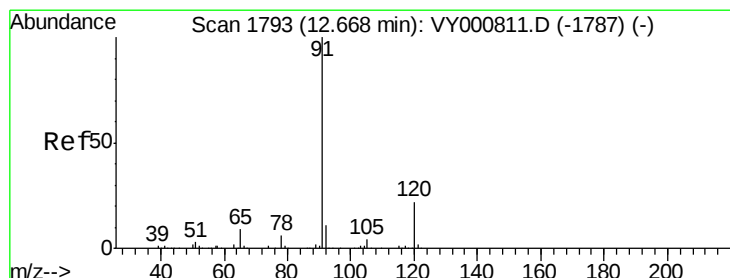
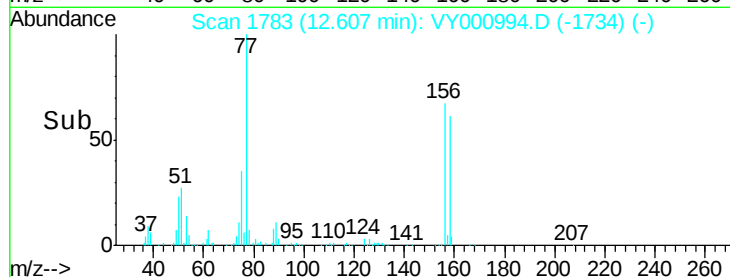
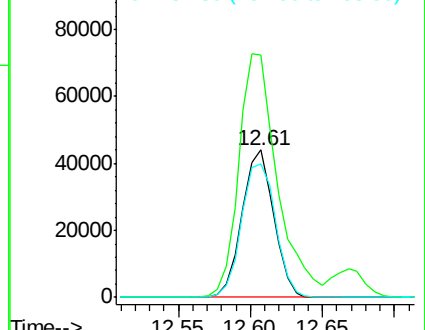
158 98.0 47.6 142.8



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: 19.88 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000994.D

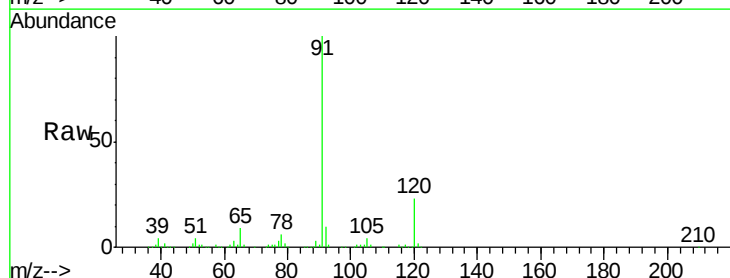
Acq: 18 Dec 2019 13:04

Tgt Ion: 91 Resp: 378001

Ion Ratio Lower Upper

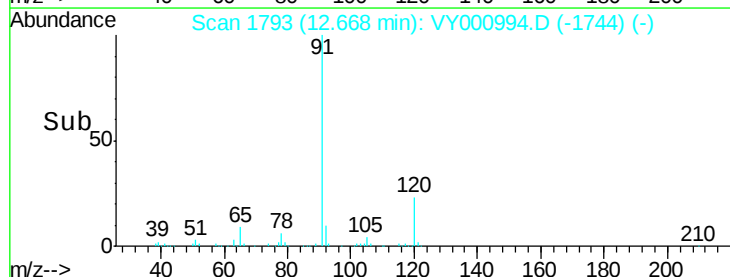
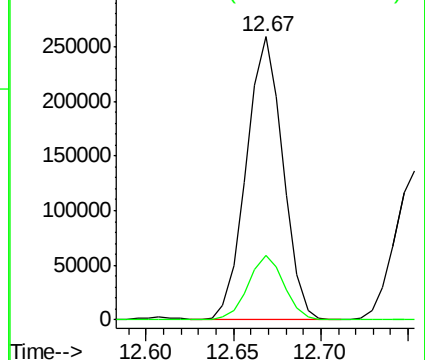
91 100

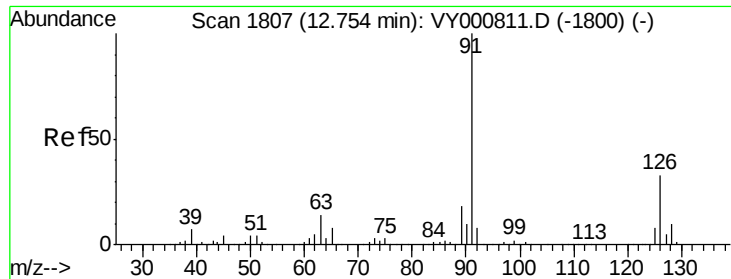
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

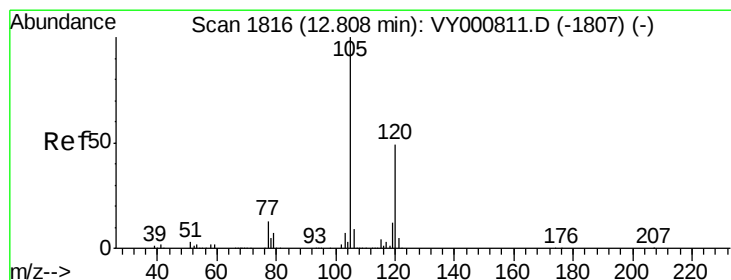
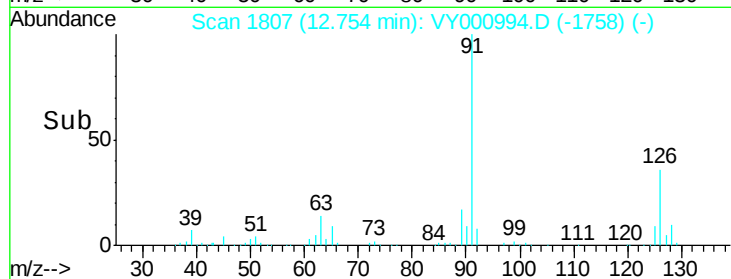
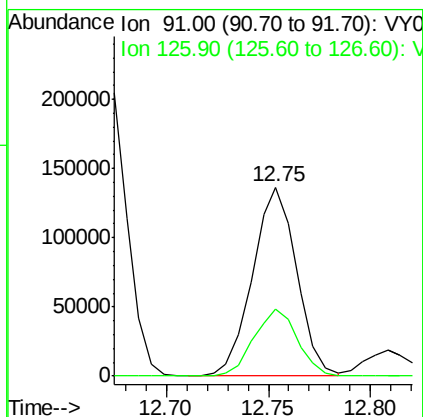
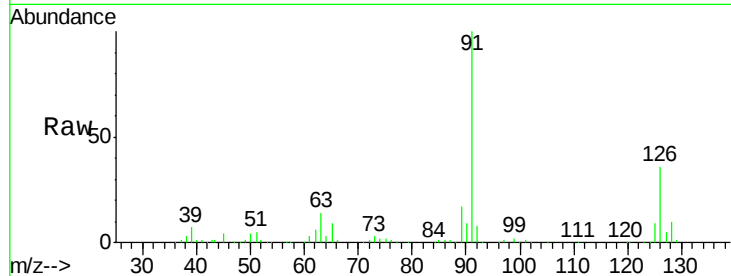




#79
 2-Chlorotoluene
 Concen: 19.52 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

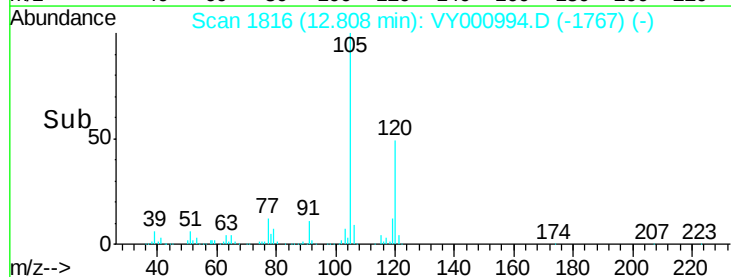
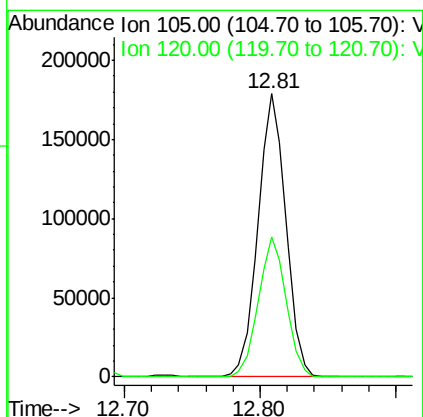
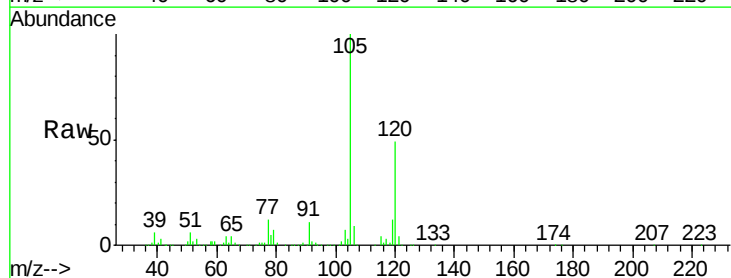
Instrument :
 MSVOA_Y
 ClientSampleId :

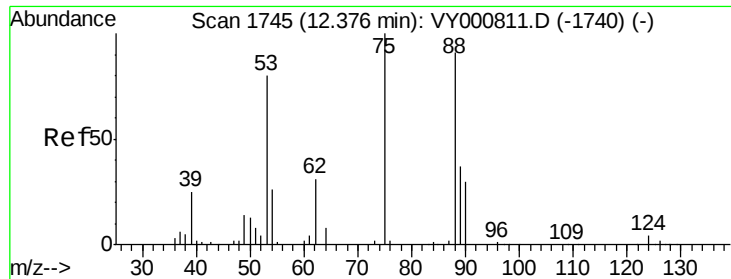
Tot Ion: 91 Resp: 205034
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.02 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion: 105 Resp: 258115
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.59 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

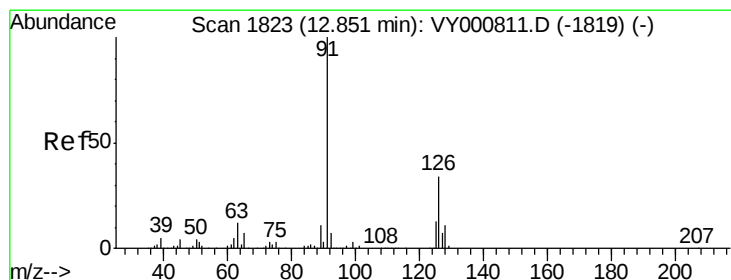
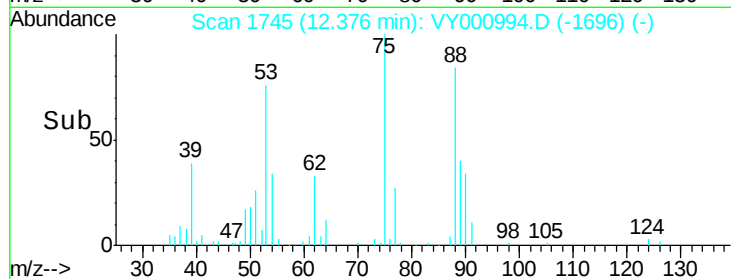
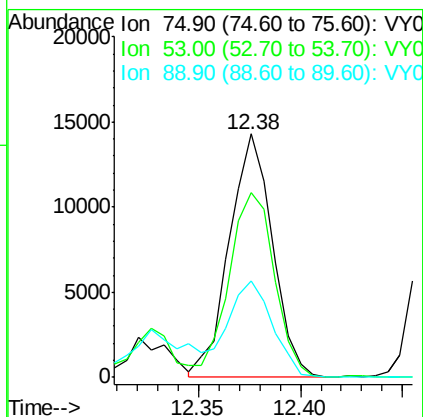
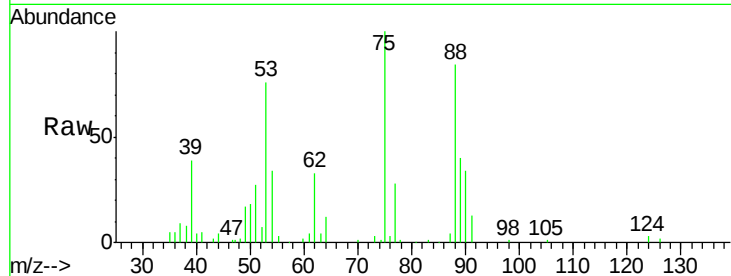
Tot Ion: 75 Resp: 20967

Ion Ratio Lower Upper

75 100

53 79.0 64.6 96.8

89 41.6 33.6 50.4



#82

4-Chlorotoluene

Concen: 20.12 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000994.D

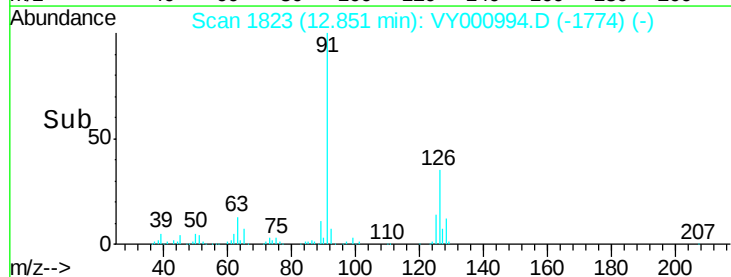
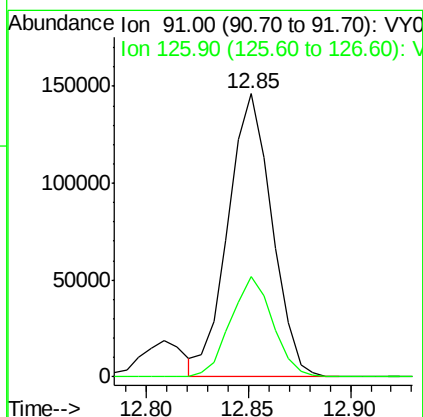
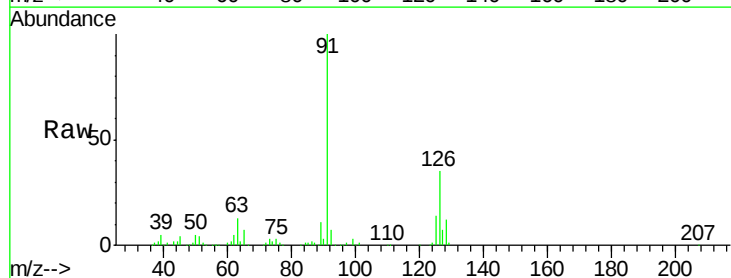
Acq: 18 Dec 2019 13:04

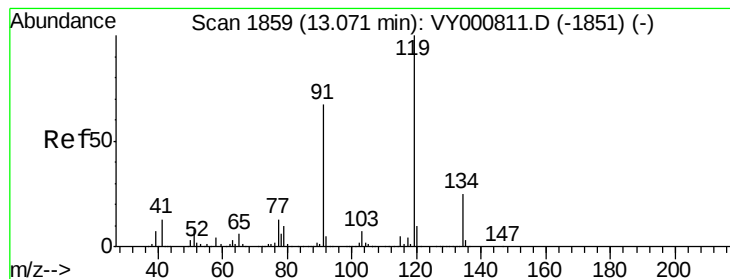
Tgt Ion: 91 Resp: 217782

Ion Ratio Lower Upper

91 100

126 34.2 17.3 51.9





#83

tert-Butylbenzene

Concen: 19.75 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

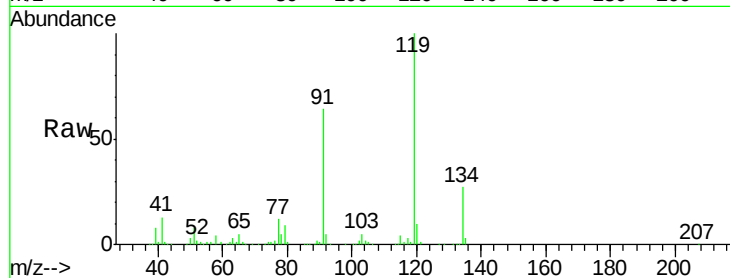
Tot Ion:119 Resp: 214086

Ion Ratio Lower Upper

119 100

91 65.0 32.3 96.8

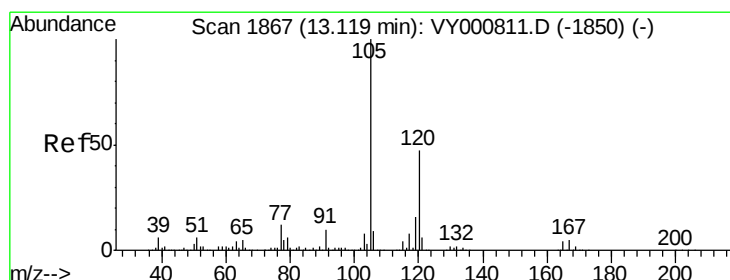
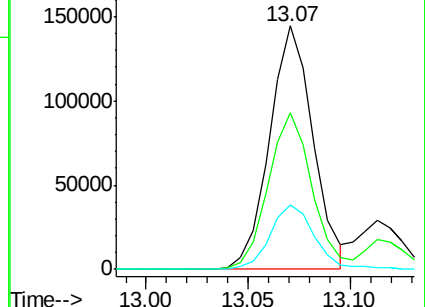
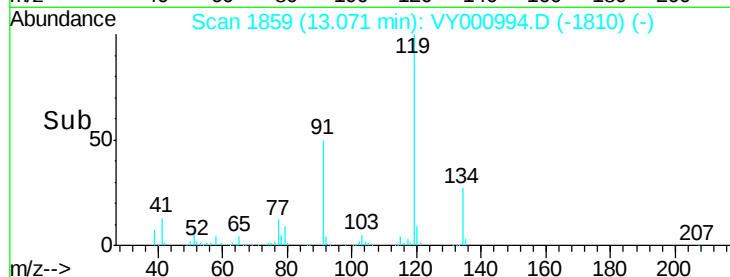
134 27.3 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.91 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000994.D

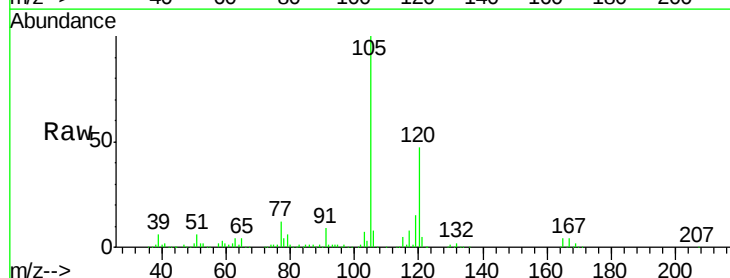
Acq: 18 Dec 2019 13:04

Tgt Ion:105 Resp: 256854

Ion Ratio Lower Upper

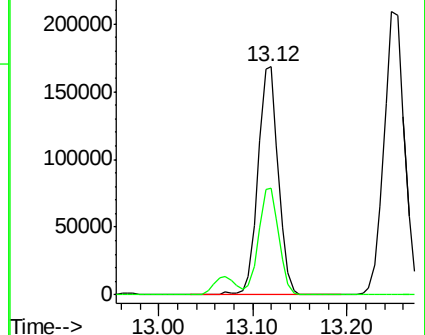
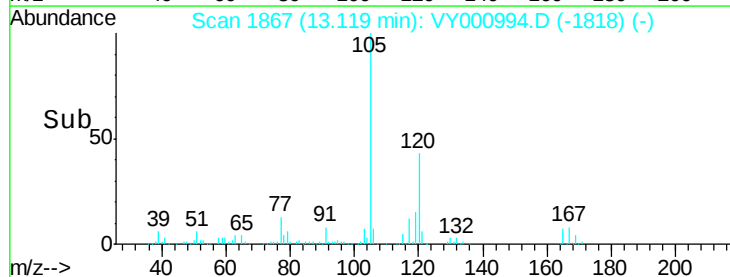
105 100

120 46.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.99 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

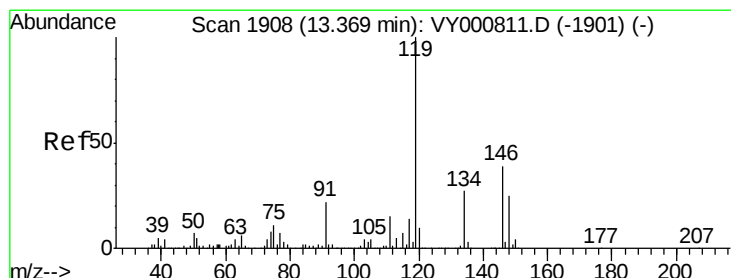
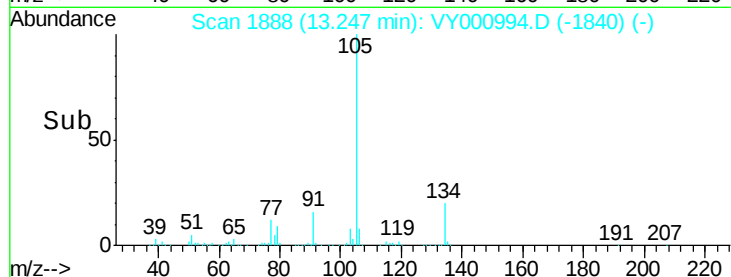
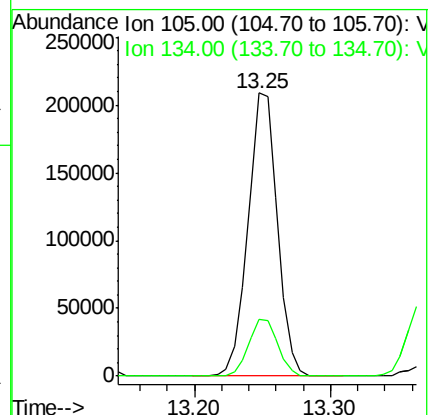
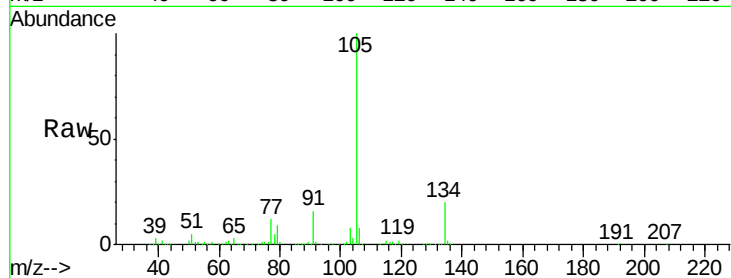
ClientSampleId :

Tot Ion:105 Resp: 315129

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.38 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

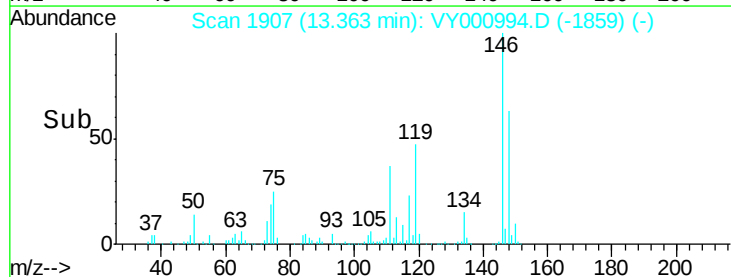
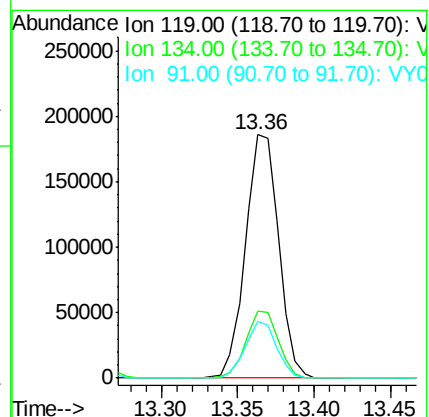
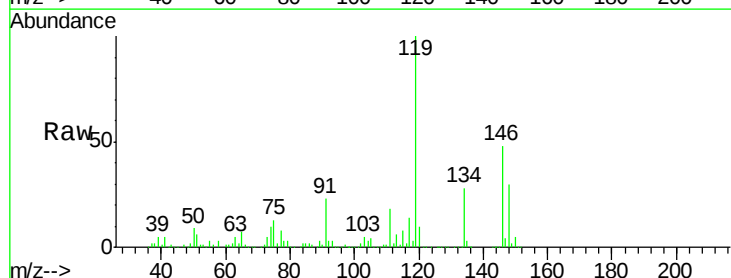
Tgt Ion:119 Resp: 279467

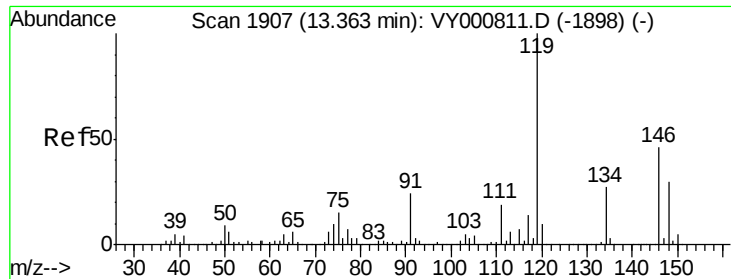
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 20.23 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

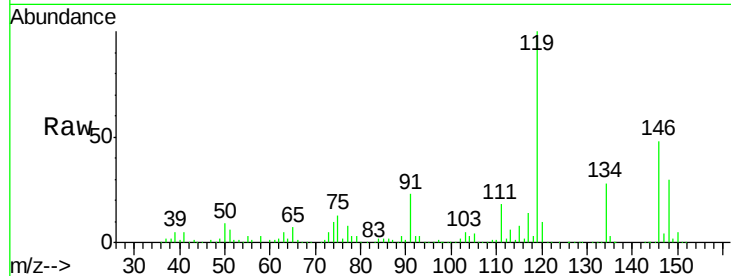
Tot Ion:146 Resp: 133969

Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

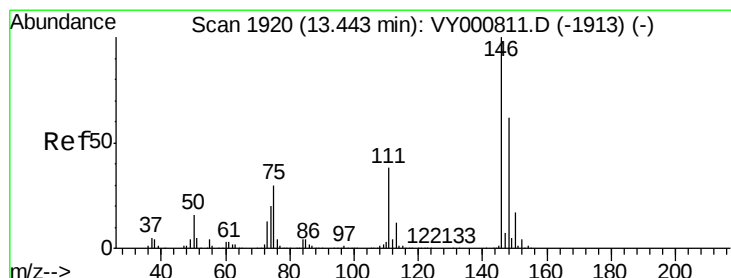
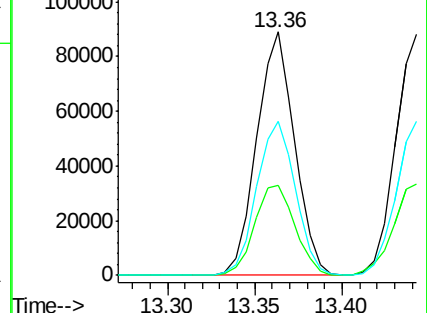
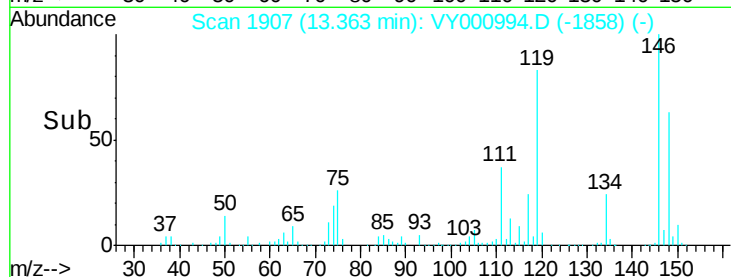
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.62 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

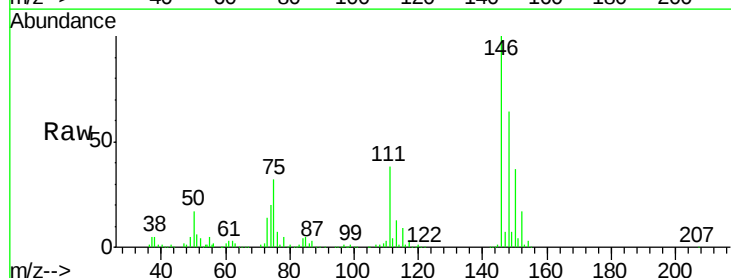
Tgt Ion:146 Resp: 135190

Ion Ratio Lower Upper

146 100

111 39.3 20.0 59.9

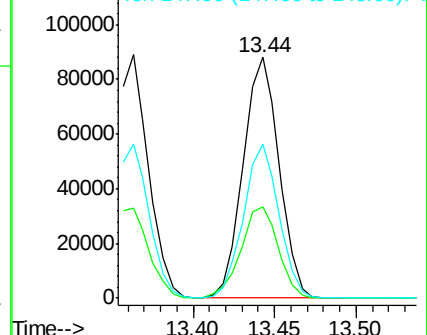
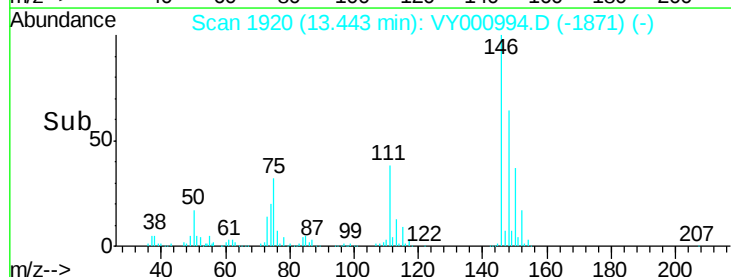
148 63.0 31.7 95.1

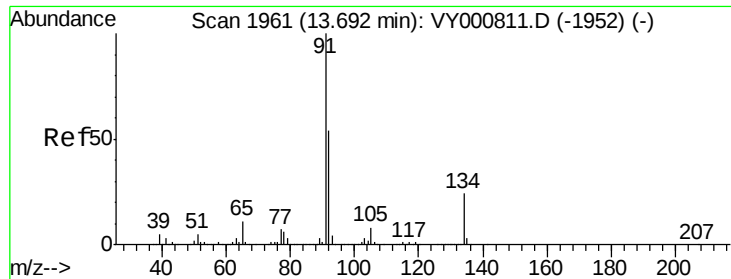


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

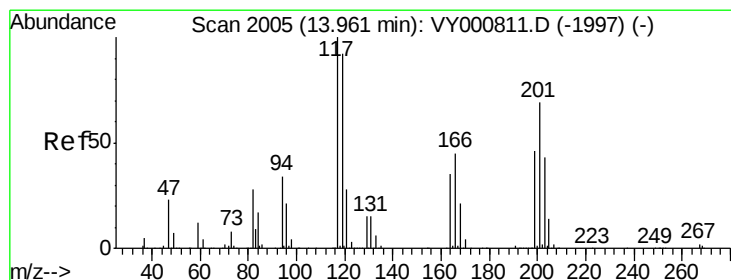
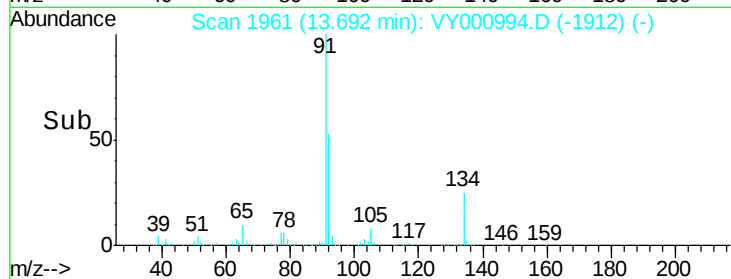
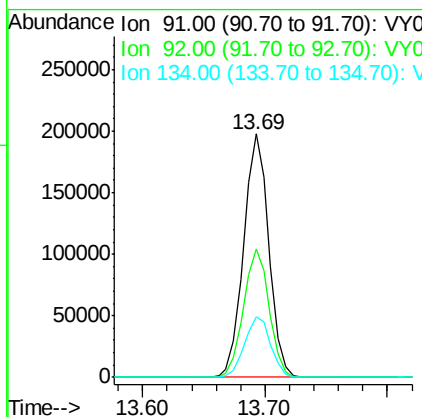
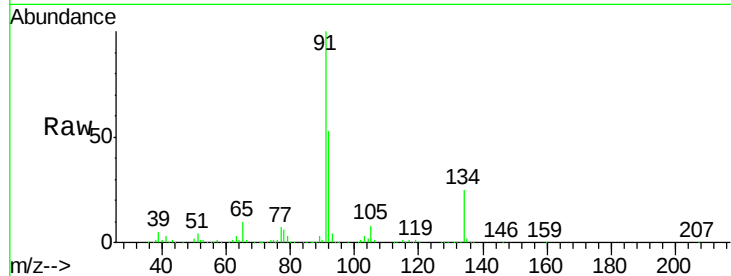




#89
n-Butylbenzene
Concen: 20.30 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

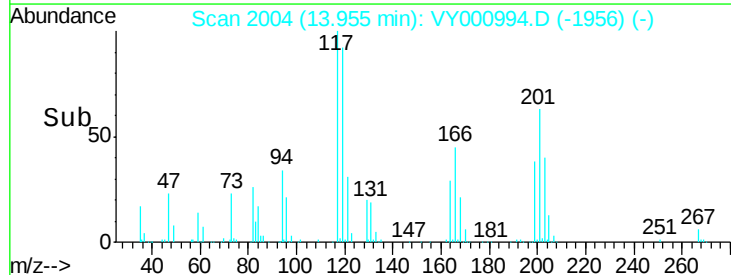
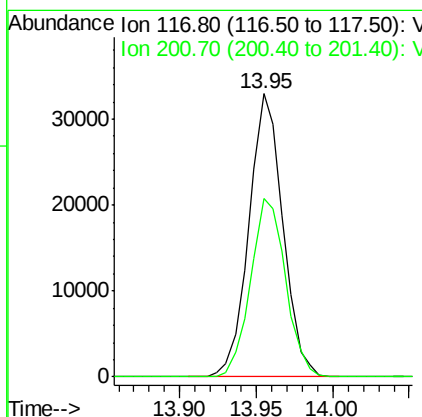
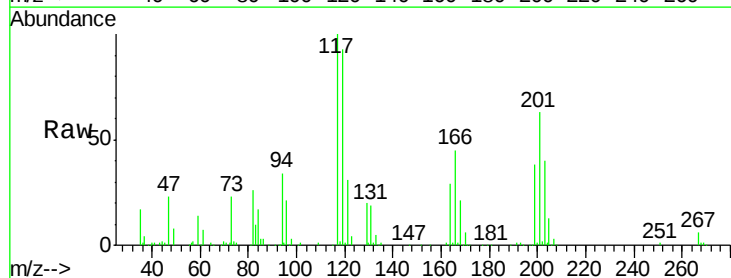
Instrument :
MSVOA_Y
ClientSampled :

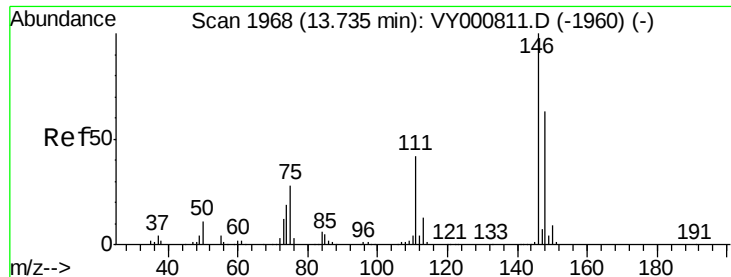
Tot Ion: 91 Resp: 281430
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 25.8 12.6 37.6



#90
Hexachloroethane
Concen: 20.10 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000994.D
Acq: 18 Dec 2019 13:04

Tgt Ion: 117 Resp: 50785
Ion Ratio Lower Upper
117 100
201 65.0 34.0 102.0

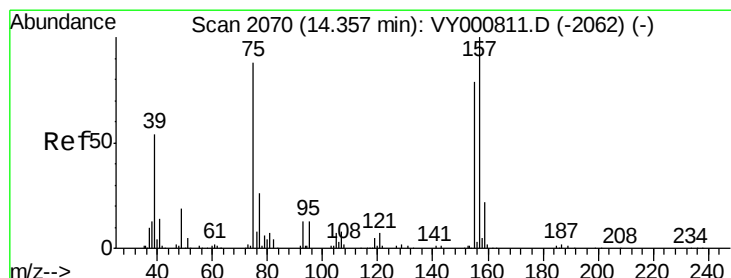
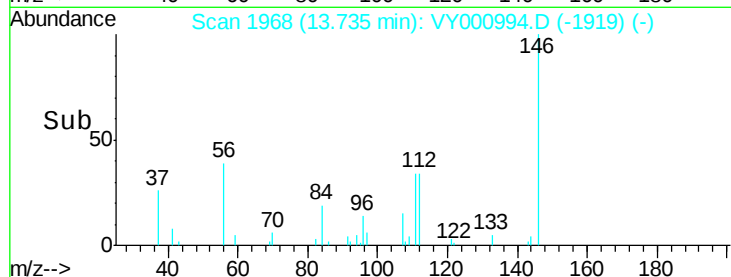
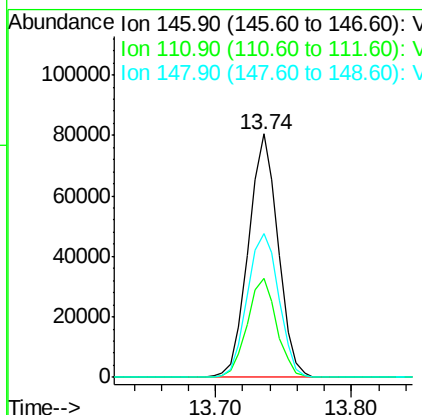
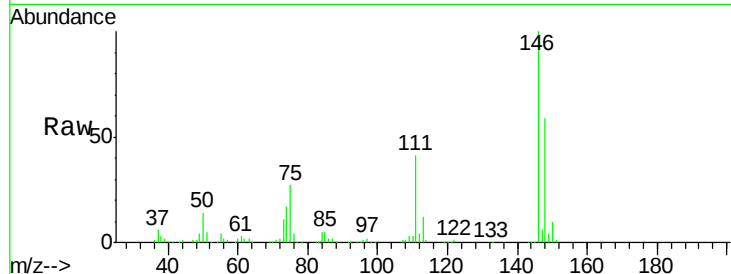




#91
 1,2-Dichlorobenzene
 Concen: 20.61 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

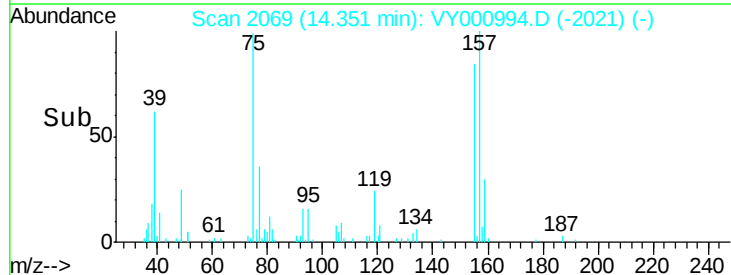
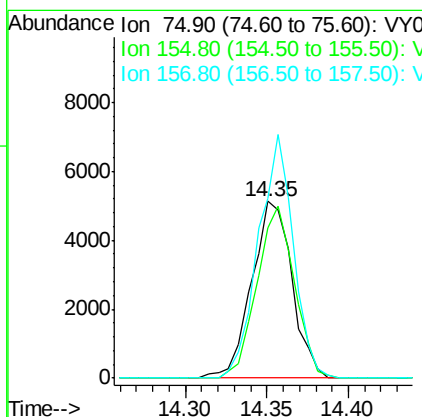
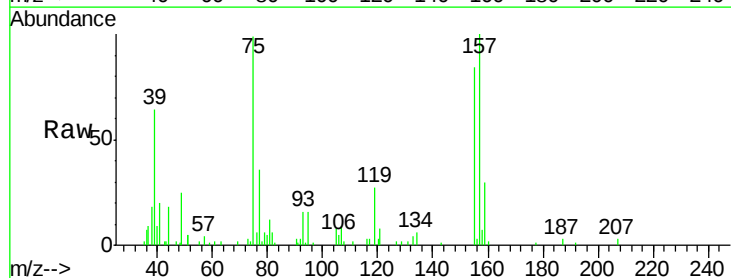
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.7
148	63.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.07 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	44.3	132.9
157	119.0	56.3	168.9

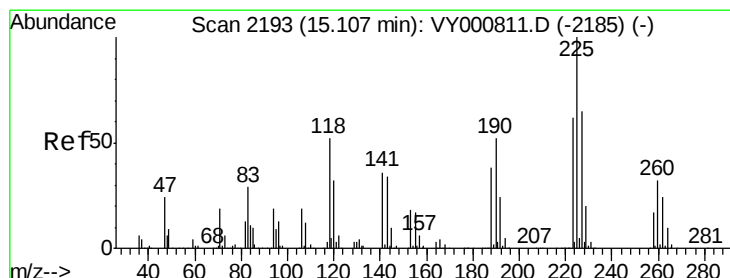
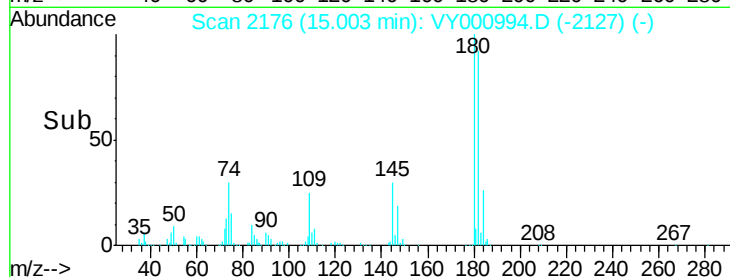
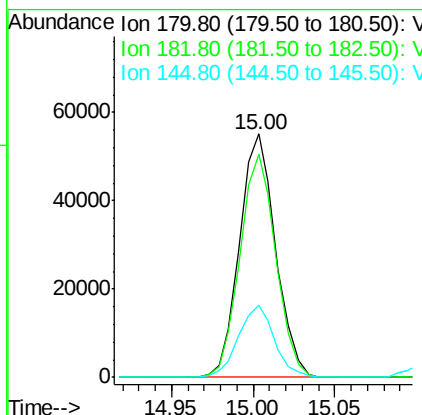
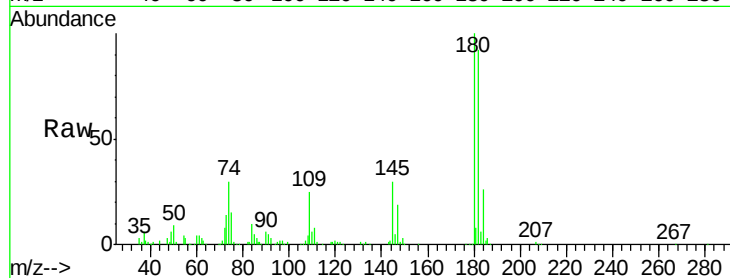




#93
 1,2,4-Trichlorobenzene
 Concen: 20.97 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

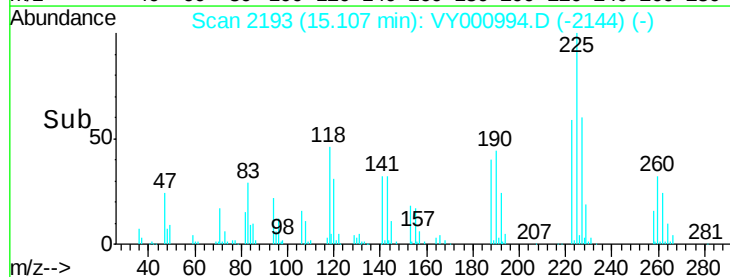
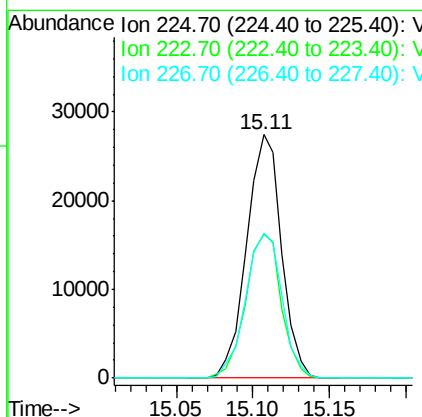
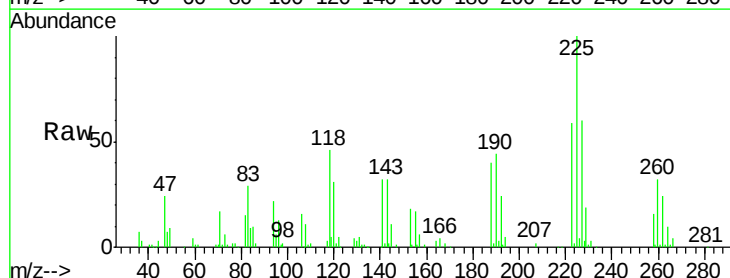
Instrument :
 MSVOA_Y
 ClientSampleId :

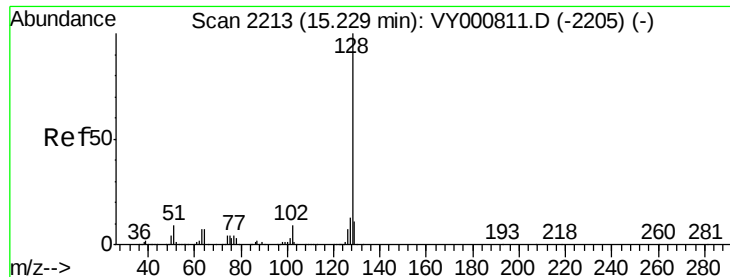
Tot Ion:180 Resp: 84534
 Ion Ratio Lower Upper
 180 100
 182 91.4 47.3 141.9
 145 29.6 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.69 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000994.D
 Acq: 18 Dec 2019 13:04

Tgt Ion:225 Resp: 43347
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.4 94.3
 227 62.5 31.8 95.3





#95

Naphthalene

Concen: 19.36 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampled :

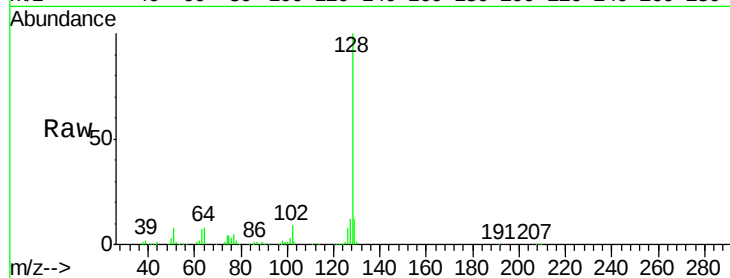
Tot Ion:128 Resp: 181204

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

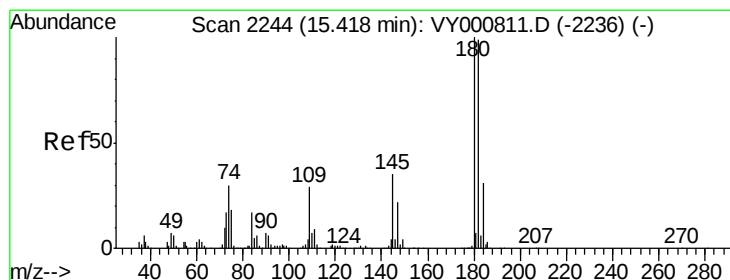
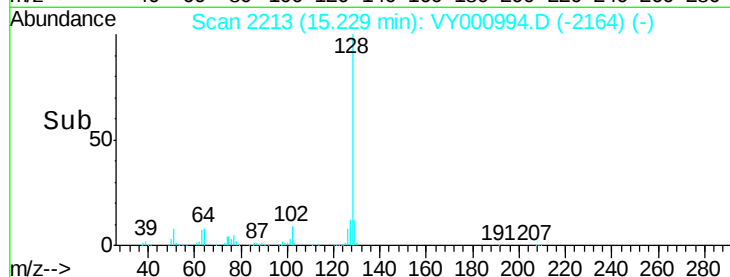
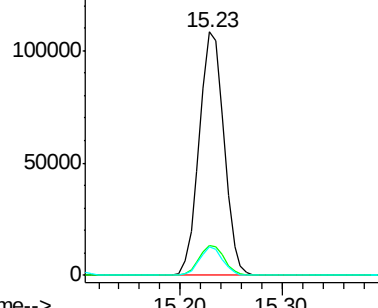
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.64 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000994.D

Acq: 18 Dec 2019 13:04

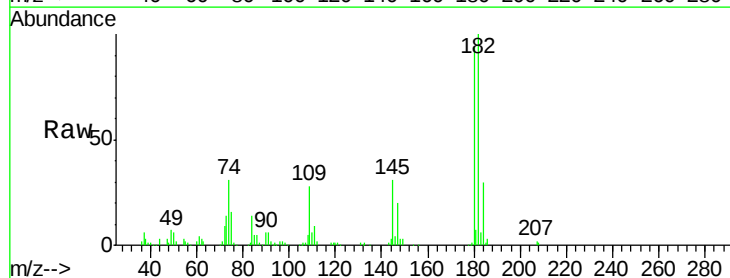
Tgt Ion:180 Resp: 74300

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 32.3 16.9 50.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

