

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
 Data File : VY000993.D
 Acq On : 18 Dec 2019 12:42
 Operator : SY/MD
 Sample : VY1218SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 04:51:35 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	276985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	482194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	138965	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	7.72	113	136021	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	10.17	98	563566	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.48	95	193853	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	51529	17.28	ug/l	96
3) Chloromethane	2.12	50	65244	17.75	ug/l	95
4) Vinyl Chloride	2.25	62	65081	17.97	ug/l	99
5) Bromomethane	2.64	94	42066	17.76	ug/l	94
6) Chloroethane	2.79	64	40901	18.42	ug/l	100
7) Trichlorofluoromethane	3.13	101	92311	18.60	ug/l	91
8) Diethyl Ether	3.53	74	37672	20.16	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	59760	19.49	ug/l	99
10) Methyl Iodide	4.09	142	71349	18.49	ug/l	98
11) Tert butyl alcohol	4.96	59	30033	101.43	ug/l	98
12) 1,1-Dichloroethene	3.87	96	58682	19.32	ug/l	91
13) Acrolein	3.74	56	25987	89.09	ug/l	92
14) Allyl chloride	4.48	41	97395	18.70	ug/l	97
15) Acrylonitrile	5.17	53	97919	101.49	ug/l	99
16) Acetone	3.95	43	67747	100.34	ug/l	97
17) Carbon Disulfide	4.19	76	175035	17.82	ug/l	98
18) Methyl Acetate	4.49	43	52823	18.71	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	155463	19.17	ug/l	98
20) Methylene Chloride	4.72	84	74572	20.95	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	67199	19.47	ug/l	88
22) Diisopropyl ether	6.13	45	209261	19.55	ug/l	95
23) Vinyl Acetate	6.07	43	640696	98.47	ug/l	99
24) 1,1-Dichloroethane	6.02	63	114598	19.43	ug/l	99
25) 2-Butanone	6.99	43	119695	95.97	ug/l	97
26) 2,2-Dichloropropane	6.99	77	94965	19.13	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	74969	20.09	ug/l	97
28) Bromochloromethane	7.33	49	28004	14.44	ug/l	95
29) Tetrahydrofuran	7.36	42	81266	98.33	ug/l	98
30) Chloroform	7.52	83	109317	18.47	ug/l	96
31) Cyclohexane	7.78	56	116382	18.62	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	94255	19.29	ug/l	97
36) 1,1-Dichloropropene	7.92	75	90580	18.89	ug/l	100
37) Ethyl Acetate	7.08	43	53171	19.21	ug/l	100
38) Carbon Tetrachloride	7.91	117	80856	18.94	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)
39) Methylcyclohexane	9.18	83	118255	18.62	ug/l	96
40) Benzene	8.16	78	273918	19.61	ug/l	97
41) Methacrylonitrile	7.35	41	69587	47.69	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	70941	19.32	ug/l	99
43) Isopropyl Acetate	8.27	43	98656	18.91	ug/l	99
44) Trichloroethene	8.94	130	70853	19.74	ug/l	93
45) 1,2-Dichloropropane	9.22	63	69456	19.80	ug/l	98
46) Dibromomethane	9.30	93	36098	19.70	ug/l	97
47) Bromodichloromethane	9.50	83	83294	19.35	ug/l	98
48) Methyl methacrylate	9.29	41	41130	17.93	ug/l	89
49) 1,4-Dioxane	9.30	88	10280	395.84	ug/l #	92
51) 4-Methyl-2-Pentanone	10.07	43	266158	98.74	ug/l	99
52) Toluene	10.24	92	168594	19.50	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	89427	19.33	ug/l	100
54) cis-1,3-Dichloropropene	9.92	75	107720	19.70	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	54452	20.11	ug/l	98
56) Ethyl methacrylate	10.51	69	76920	19.86	ug/l	98
57) 1,3-Dichloropropane	10.78	76	94383	20.00	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	164010	105.00	ug/l	99
59) 2-Hexanone	10.83	43	183719	93.54	ug/l	100
60) Dibromochloromethane	10.98	129	56562	19.40	ug/l	98
61) 1,2-Dibromoethane	11.08	107	50359	19.73	ug/l	95
64) Tetrachloroethene	10.72	164	76354	20.33	ug/l	94
65) Chlorobenzene	11.51	112	176209	19.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.58	131	60063	19.83	ug/l	97
67) Ethyl Benzene	11.59	91	319335	19.08	ug/l	99
68) m/p-Xylenes	11.70	106	246014	39.16	ug/l	96
69) o-Xylene	12.02	106	119181	20.35	ug/l	94
70) Styrene	12.04	104	195656	19.51	ug/l	99
71) Bromoform	12.20	173	32301	18.91	ug/l #	99
73) Isopropylbenzene	12.33	105	307634	19.07	ug/l	99
74) N-amyl acetate	12.14	43	83532	18.61	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	60705	19.10	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	83393	36.33	ug/l #	100
77) Bromobenzene	12.60	156	68618	19.63	ug/l	97
78) n-propylbenzene	12.67	91	374871	19.03	ug/l	99
79) 2-Chlorotoluene	12.75	91	204920	18.83	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	256523	19.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	21950	18.79	ug/l	96
82) 4-Chlorotoluene	12.85	91	215652	19.24	ug/l	99
83) tert-Butylbenzene	13.07	119	211989	18.88	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	258095	19.32	ug/l	99
85) sec-Butylbenzene	13.25	105	309909	18.98	ug/l	100
86) p-Isopropyltoluene	13.36	119	278755	19.63	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	133673	19.49	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	134751	19.84	ug/l	100
89) n-Butylbenzene	13.69	91	277587	19.33	ug/l	100
90) Hexachloroethane	13.95	117	49016	18.73	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	122863	19.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10351	19.45	ug/l	92

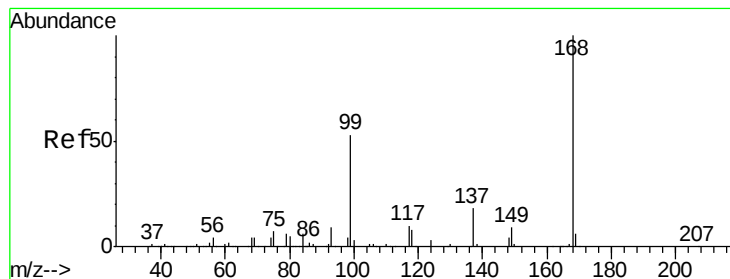
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	82506	19.76	ug/l	97
94) Hexachlorobutadiene	15.11	225	39641	19.15	ug/l	95
95) Naphthalene	15.23	128	193341	19.95	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	75587	20.27	ug/l	95

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

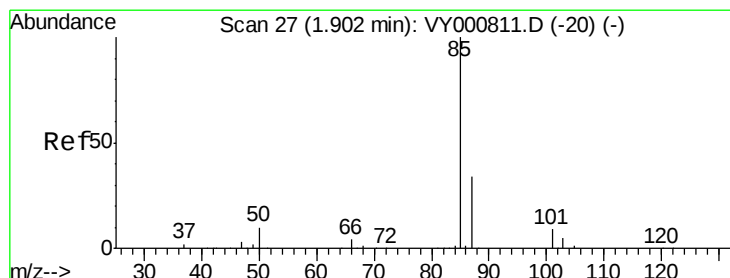
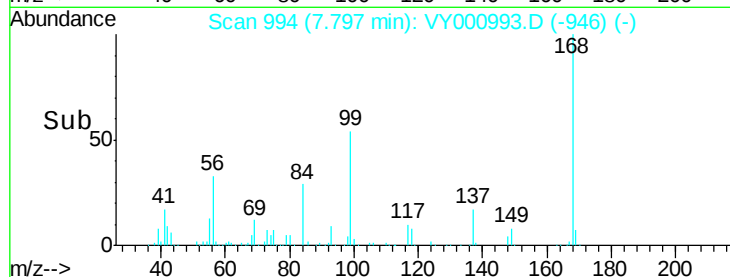
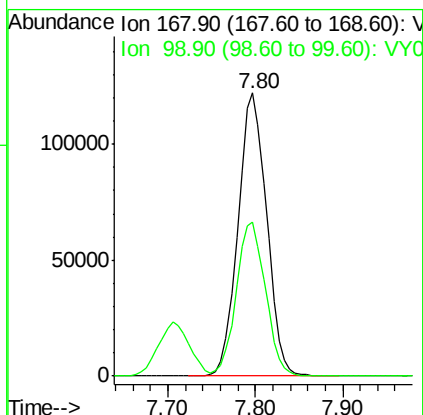
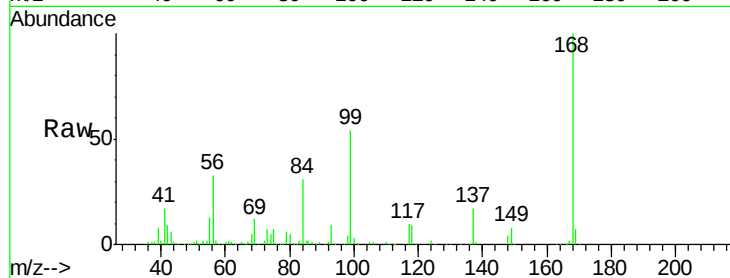


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :

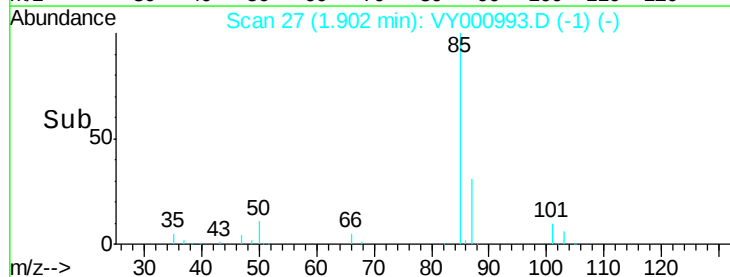
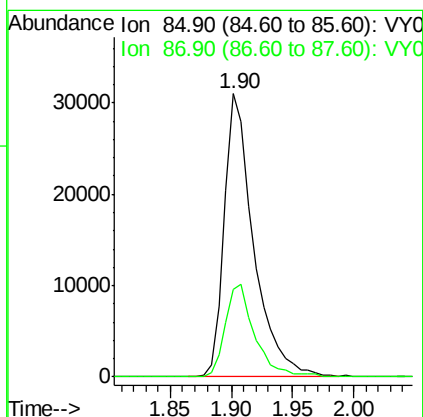
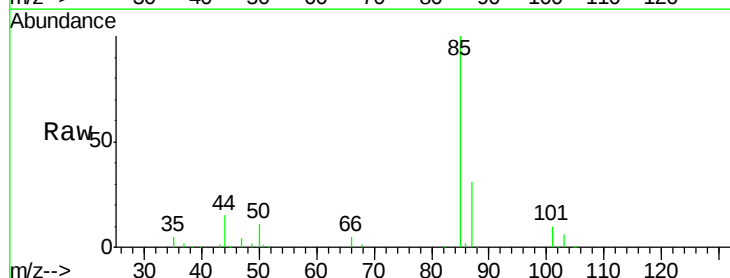
Tot Ion:168 Resp: 276985
 Ion Ratio Lower Upper
 168 100
 99 54.3 45.0 67.6

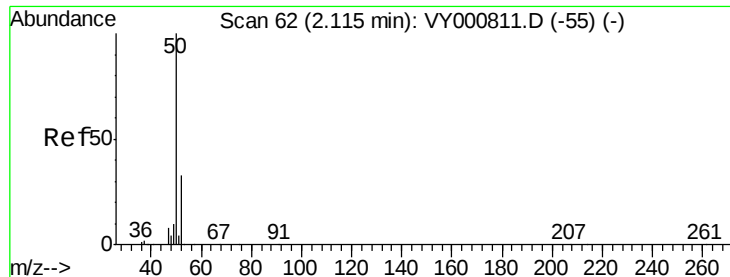


#2

Dichlorodifluoromethane
 Concen: 17.28 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion: 85 Resp: 51529
 Ion Ratio Lower Upper
 85 100
 87 31.0 16.8 50.3





#3

Chloromethane

Concen: 17.75 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

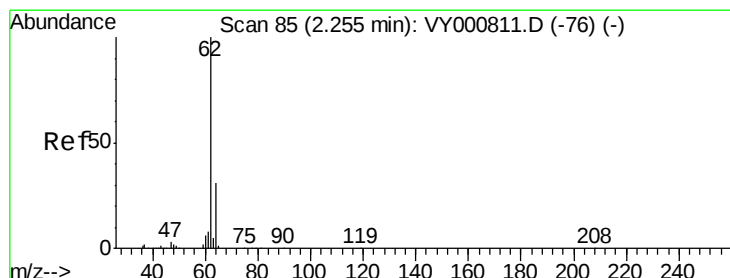
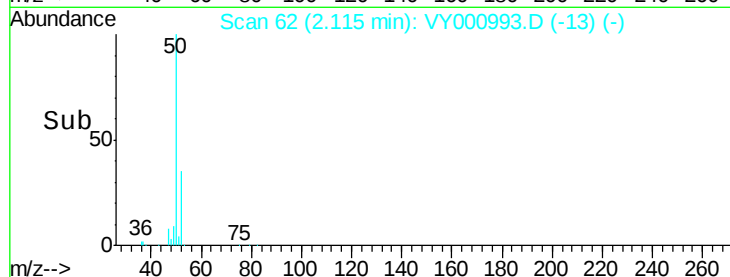
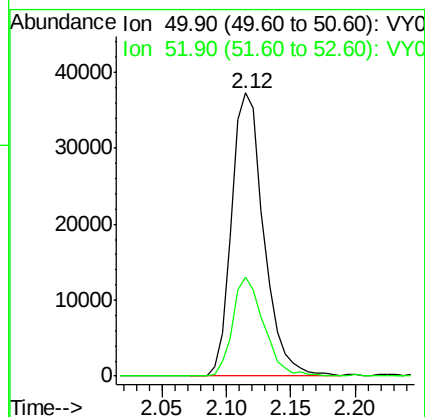
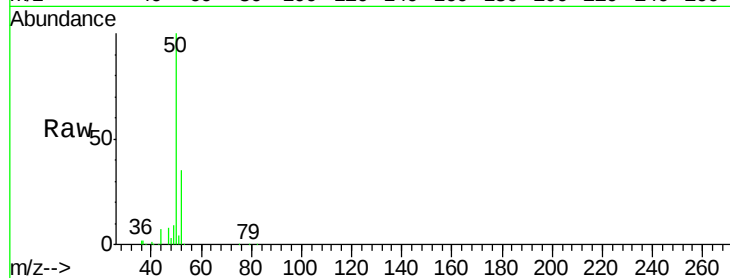
ClientSampleId :

Tot Ion: 50 Resp: 65244

Ion Ratio Lower Upper

50 100

52 35.2 26.0 39.0



#4

Vinyl Chloride

Concen: 17.97 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000993.D

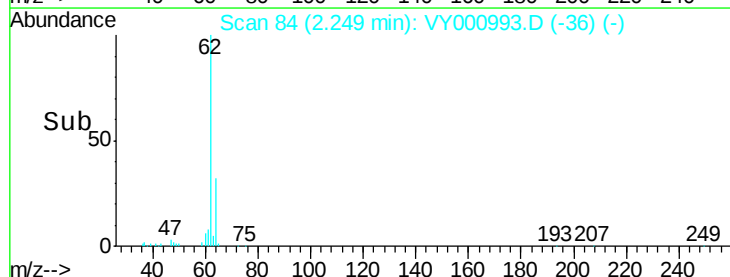
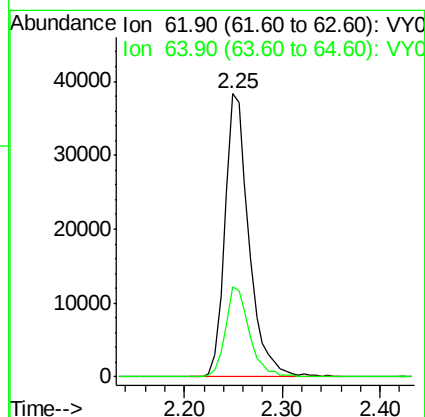
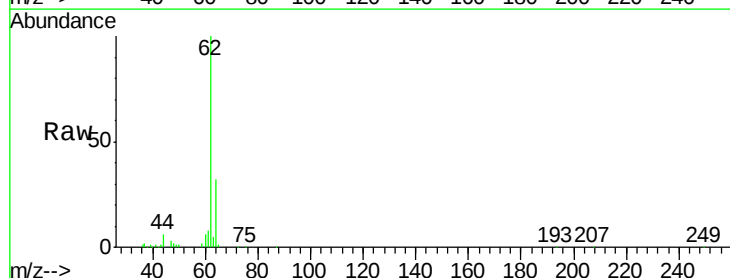
Acq: 18 Dec 2019 12:42

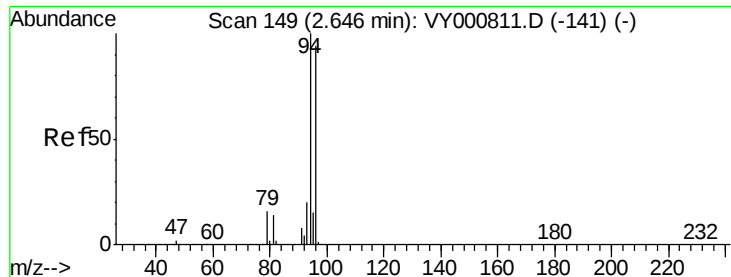
Tgt Ion: 62 Resp: 65081

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 17.76 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

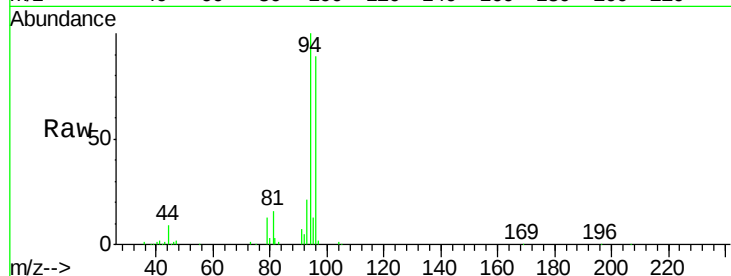
ClientSampled :

Tot Ion: 94 Resp: 42066

Ion Ratio Lower Upper

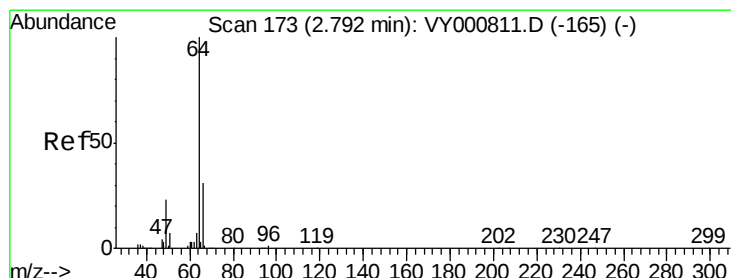
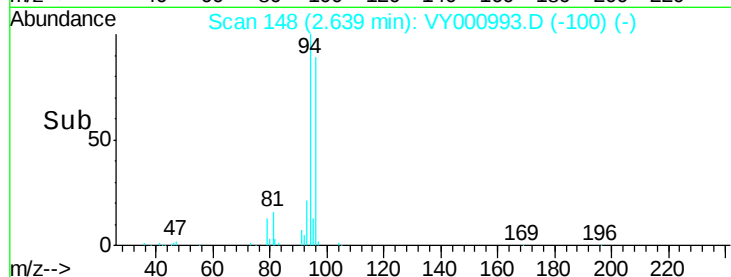
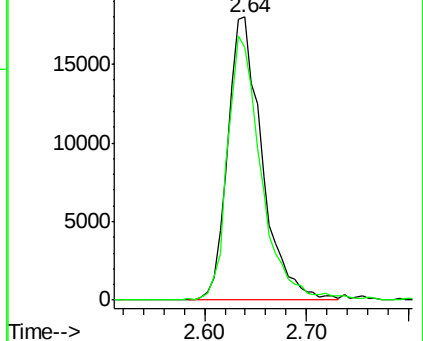
94 100

96 88.6 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: 18.42 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000993.D

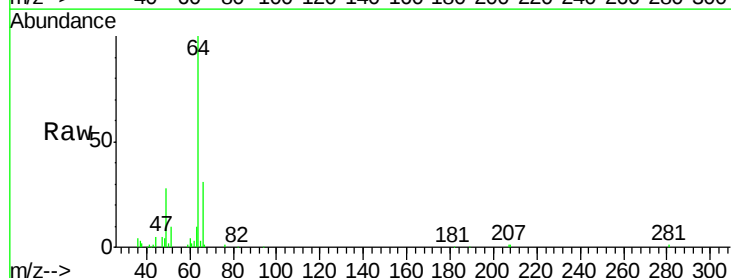
Acq: 18 Dec 2019 12:42

Tgt Ion: 64 Resp: 40901

Ion Ratio Lower Upper

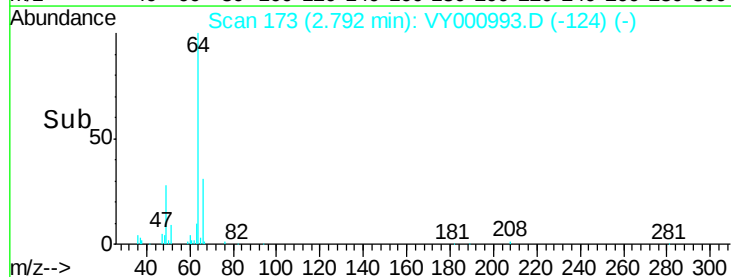
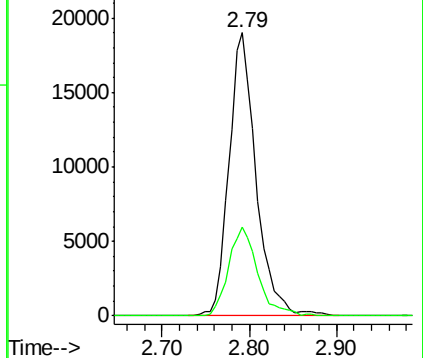
64 100

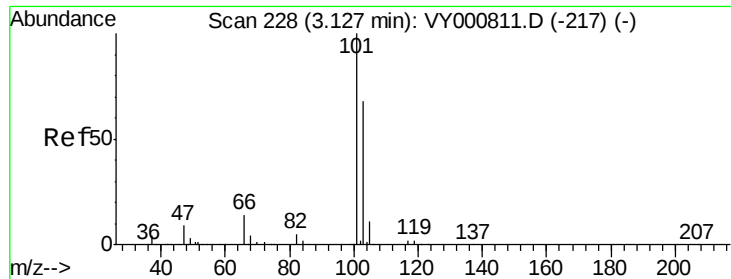
66 31.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



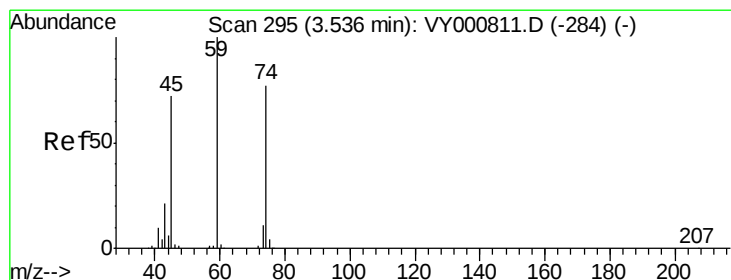
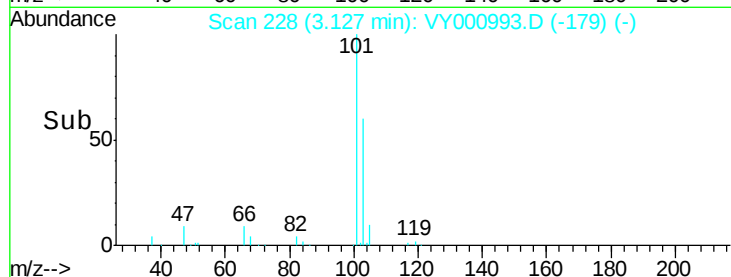
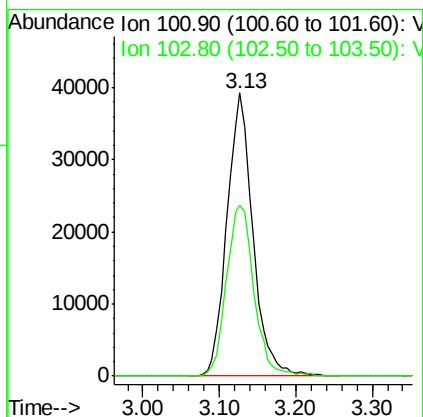
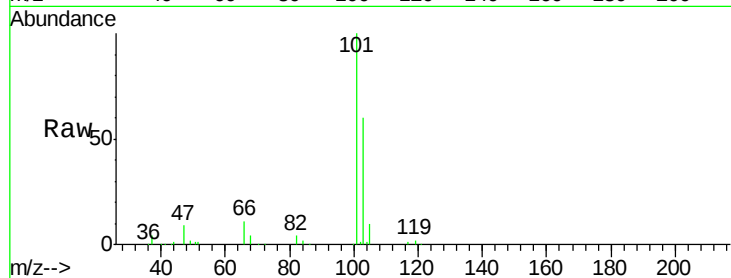


#7

Trichlorofluoromethane
 Concen: 18.60 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampled :

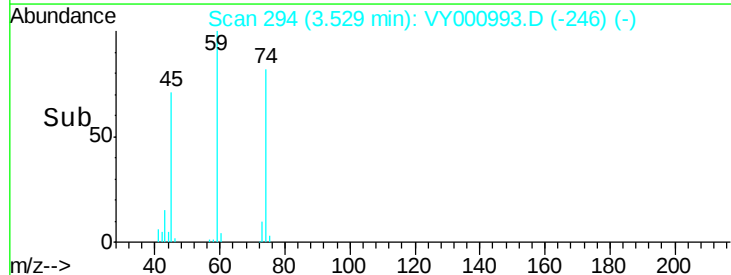
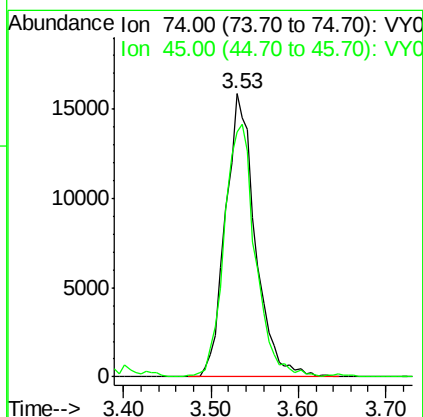
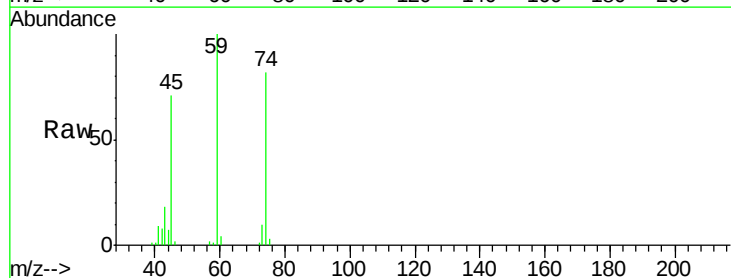
Tot Ion:101 Resp: 92311
 Ion Ratio Lower Upper
 101 100
 103 60.3 54.2 81.2

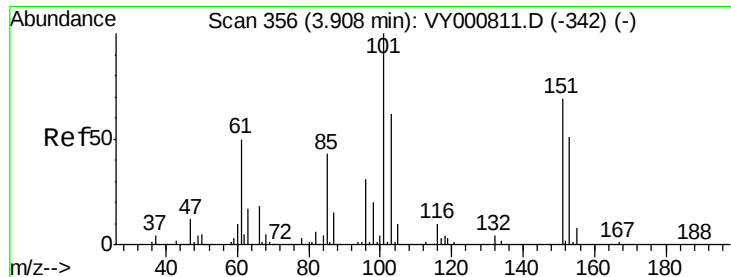


#8

Diethyl Ether
 Concen: 20.16 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion: 74 Resp: 37672
 Ion Ratio Lower Upper
 74 100
 45 93.1 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.49 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

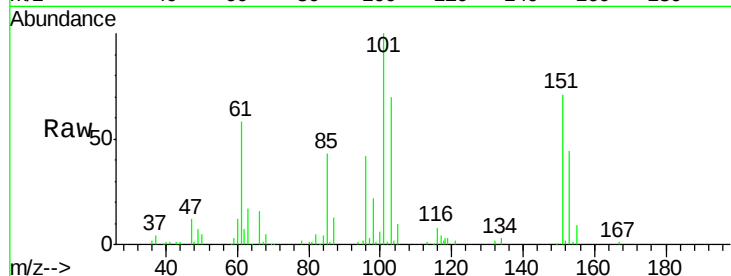
Tot Ion:101 Resp: 59760

Ion Ratio Lower Upper

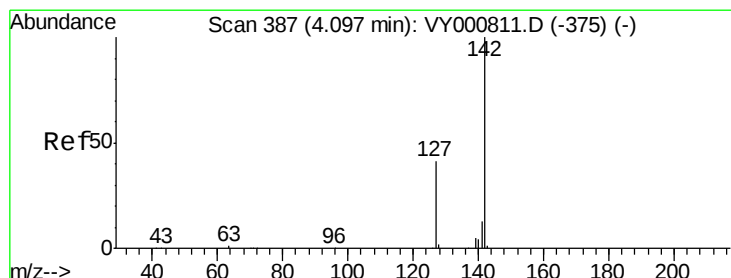
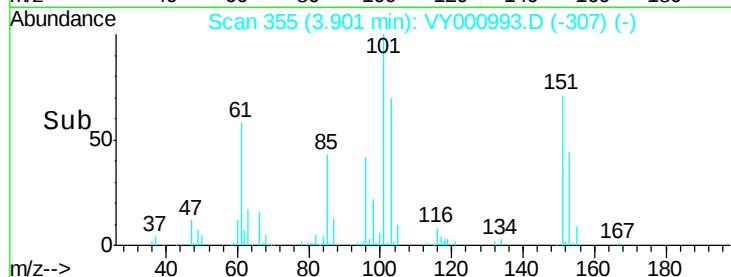
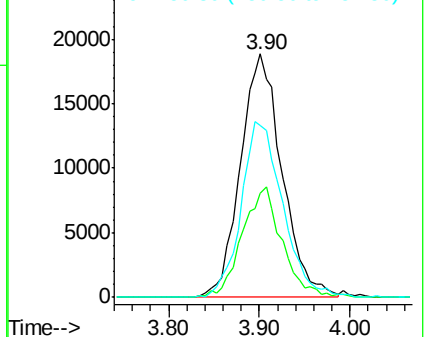
101 100

85 43.7 36.0 54.0

151 72.5 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.49 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

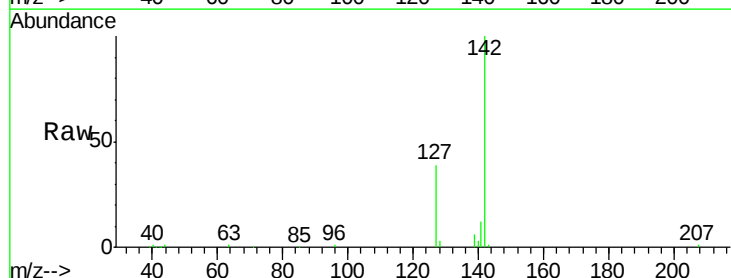
Tgt Ion:142 Resp: 71349

Ion Ratio Lower Upper

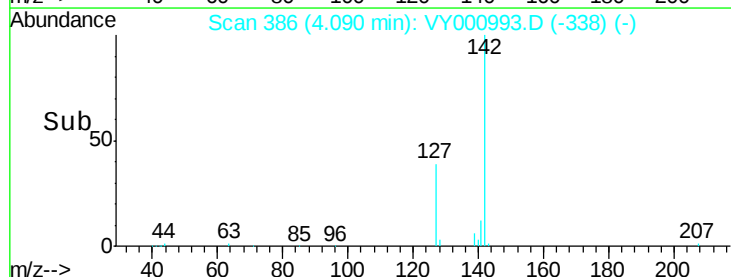
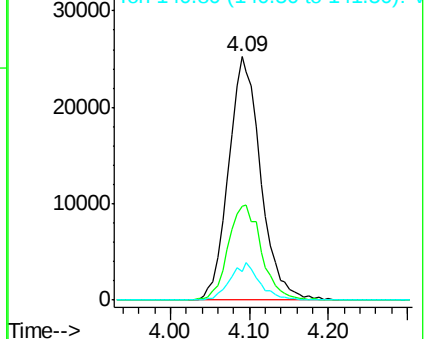
142 100

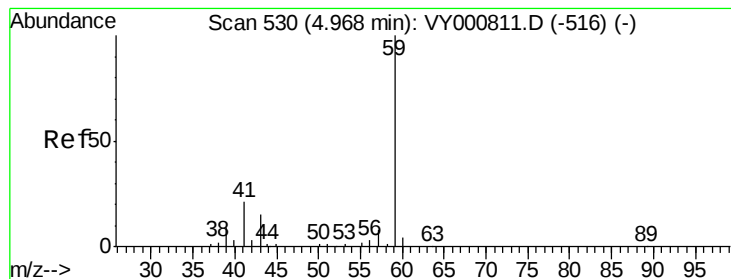
127 40.4 33.8 50.8

141 14.0 10.9 16.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



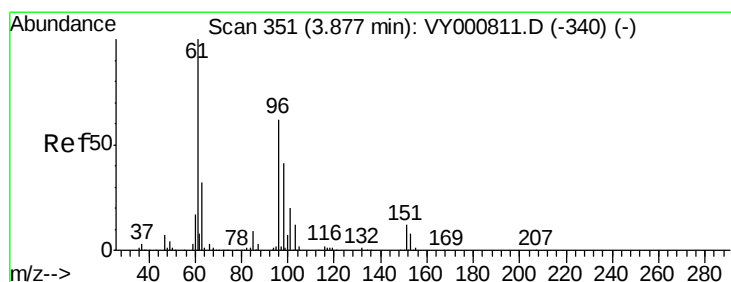
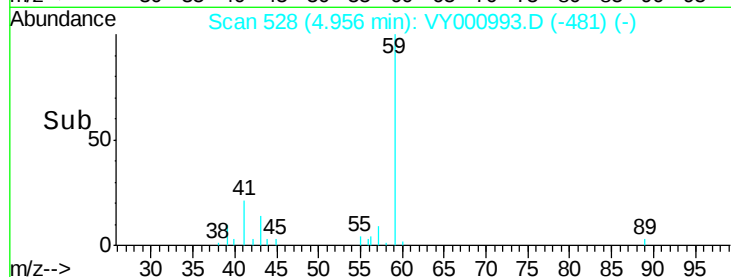
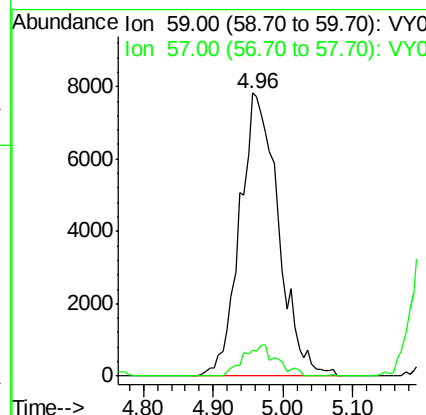
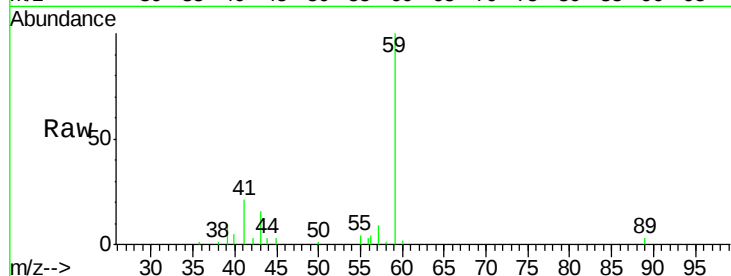


#11

Tert butyl alcohol
 Concen: 101.43 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :

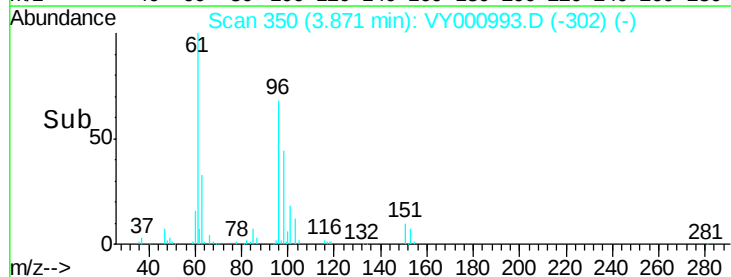
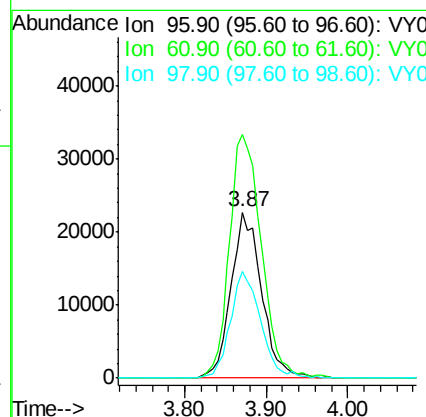
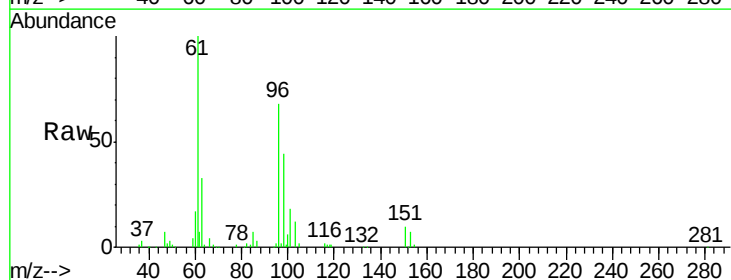
Tot Ion: 59 Resp: 30033
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.8 11.6

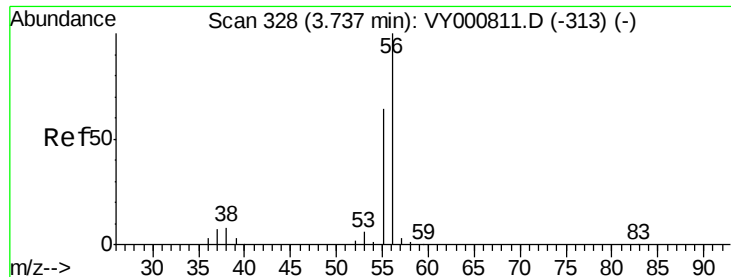


#12

1,1-Dichloroethene
 Concen: 19.32 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion: 96 Resp: 58682
 Ion Ratio Lower Upper
 96 100
 61 147.1 129.4 194.2
 98 64.5 53.4 80.0





#13

Acrolein

Concen: 89.09 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

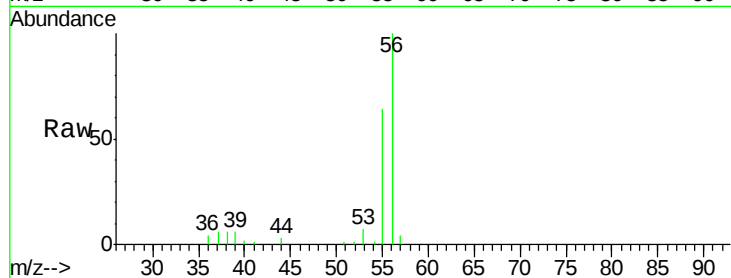
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 25987

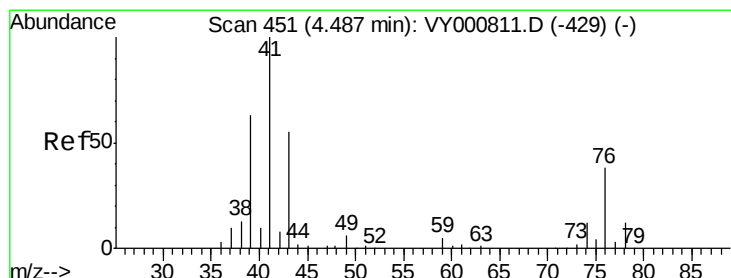
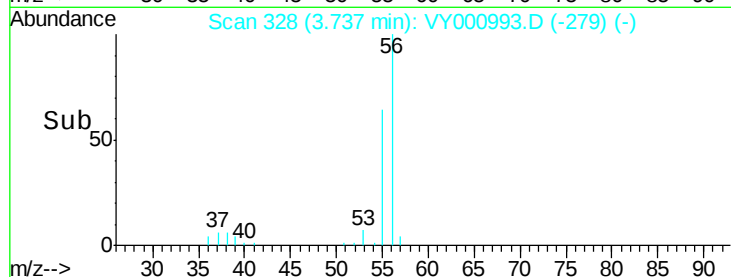
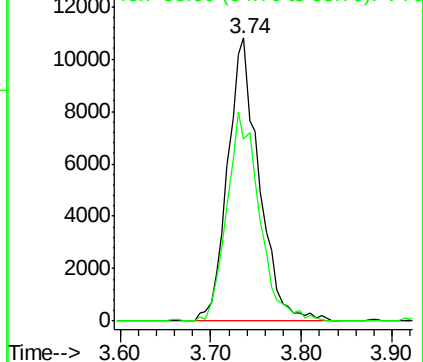
Ion Ratio Lower Upper

56 100

55 76.4 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 18.70 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

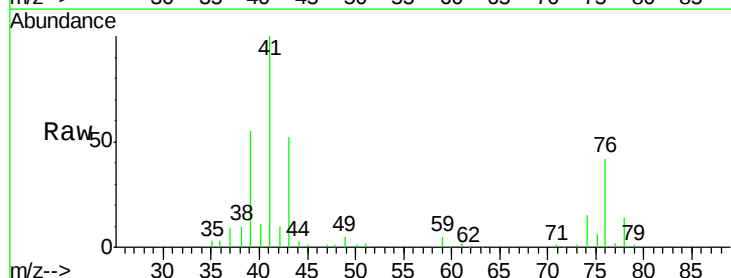
Tgt Ion: 41 Resp: 97395

Ion Ratio Lower Upper

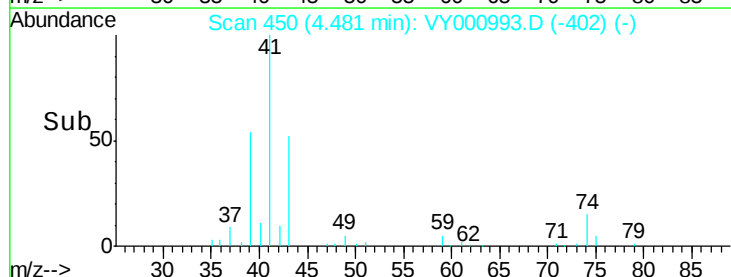
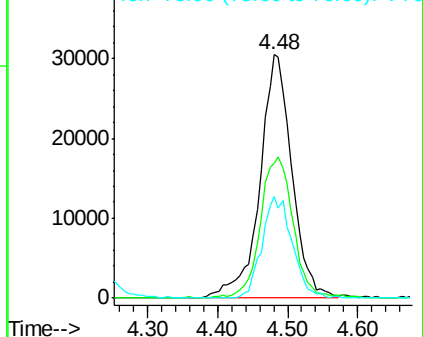
41 100

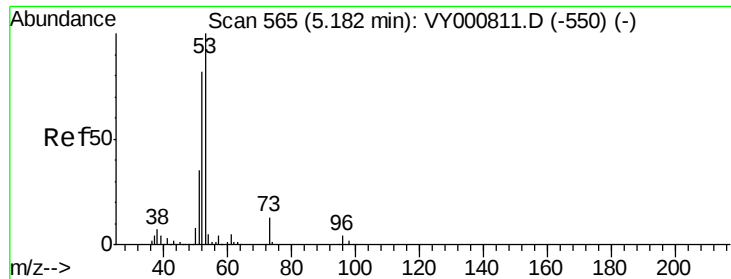
39 59.5 49.2 73.8

76 39.2 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0

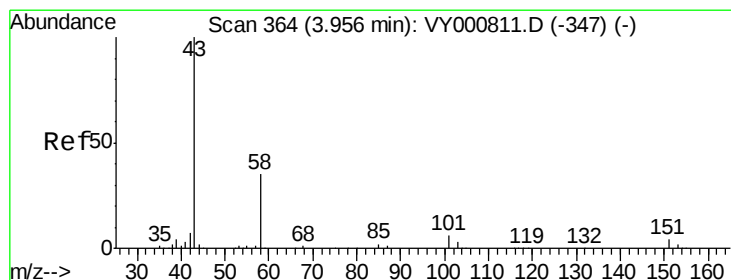
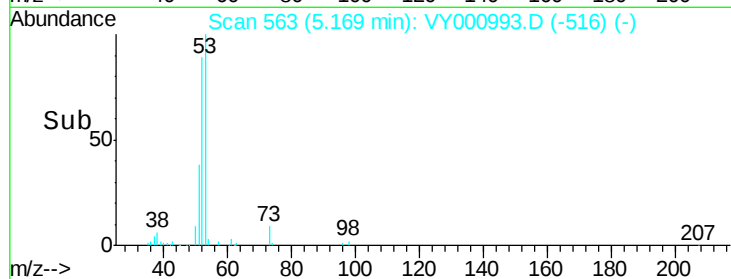
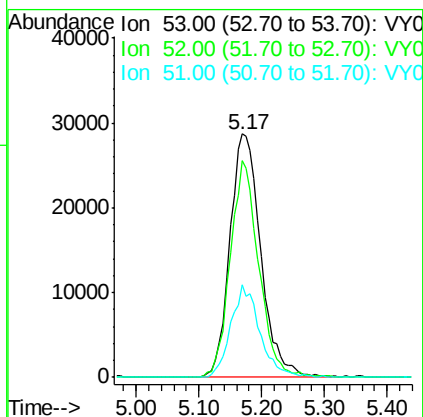
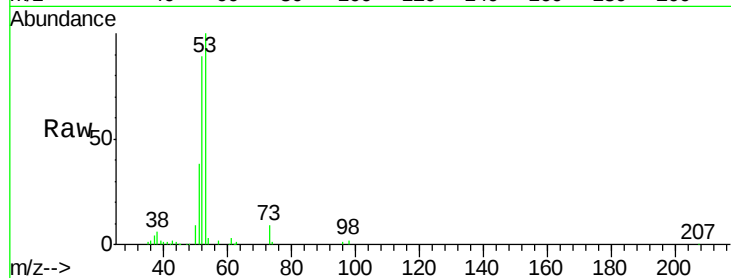




#15
 Acrylonitrile
 Concen: 101.49 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

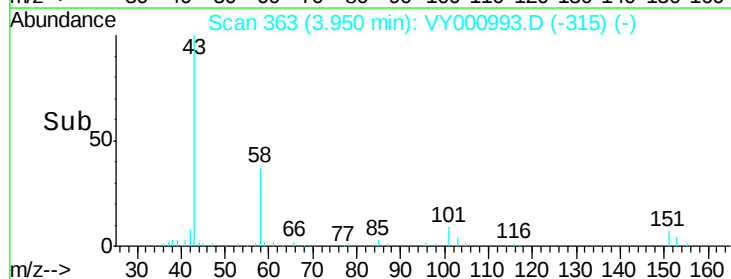
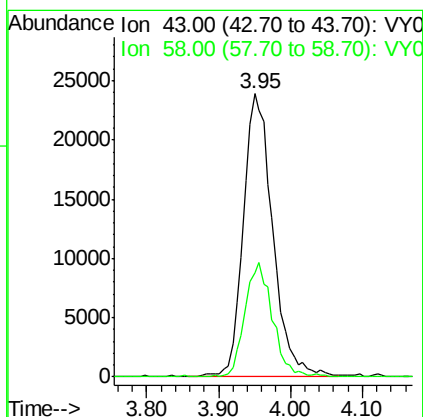
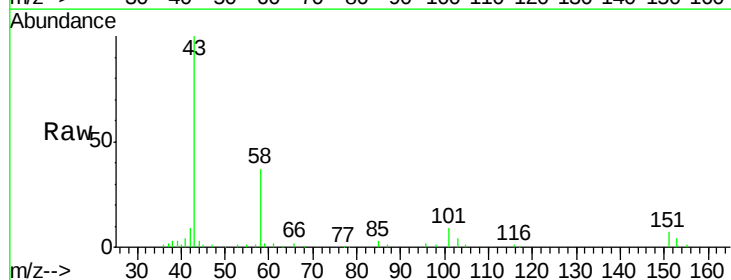
Instrument :
 MSVOA_Y
 ClientSampleId :

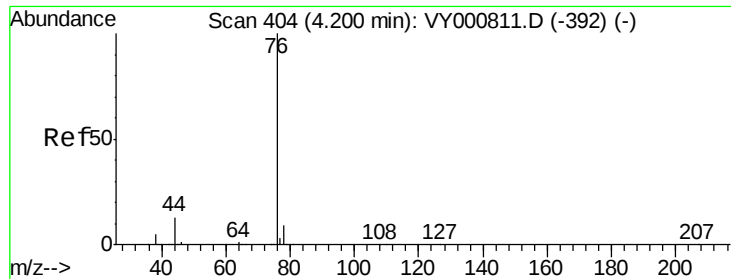
Tot Ion	53	Resp	97919
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.1	97.7
51	35.7	29.0	43.4



#16
 Acetone
 Concen: 100.34 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion	43	Resp	67747
Ion Ratio	Lower	Upper	
43	100		
58	36.8	28.0	42.0

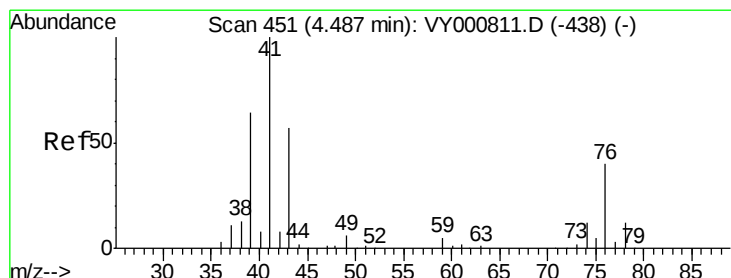
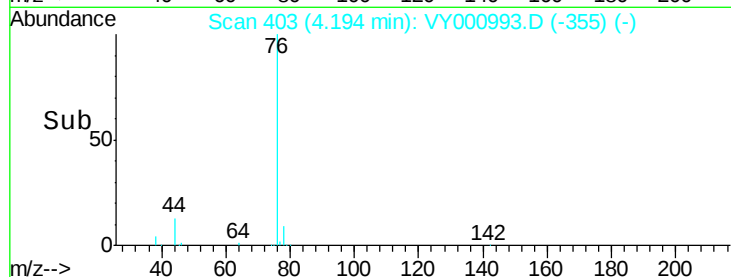
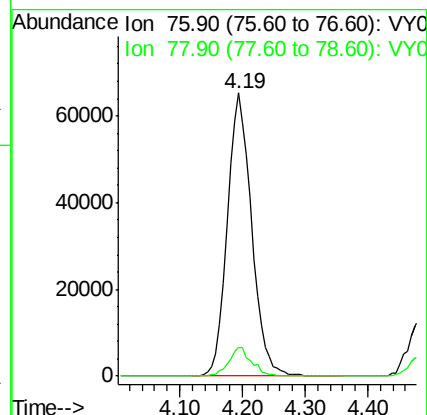
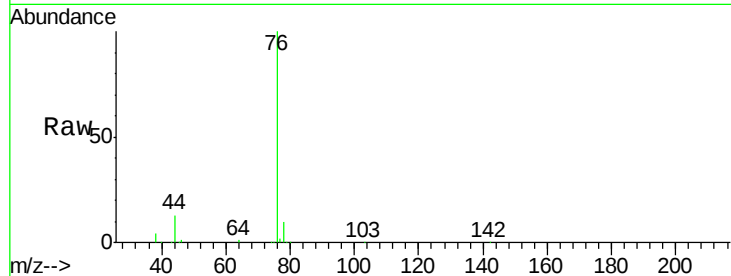




#17
Carbon Disulfide
Concen: 17.82 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

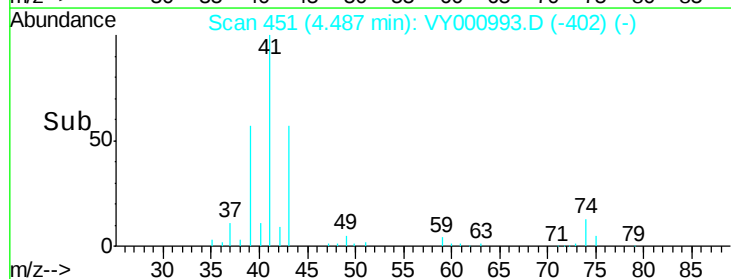
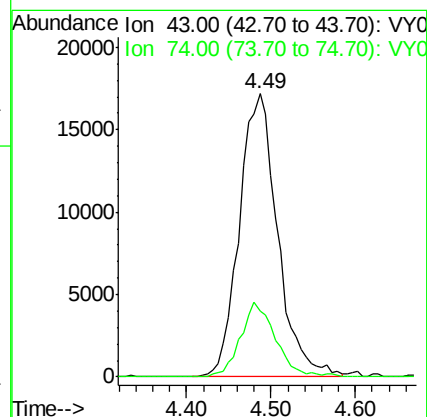
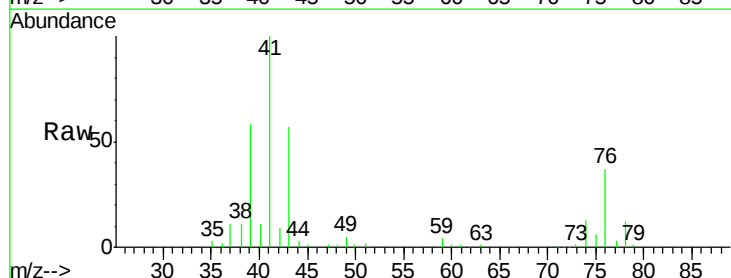
Instrument :
MSVOA_Y
ClientSampleId :

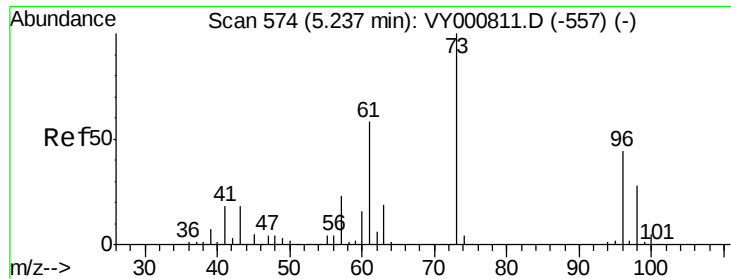
Tot Ion: 76 Resp: 175035
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 18.71 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion: 43 Resp: 52823
Ion Ratio Lower Upper
43 100
74 23.9 18.5 27.7

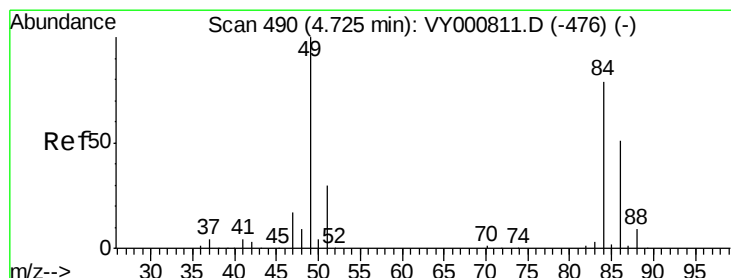
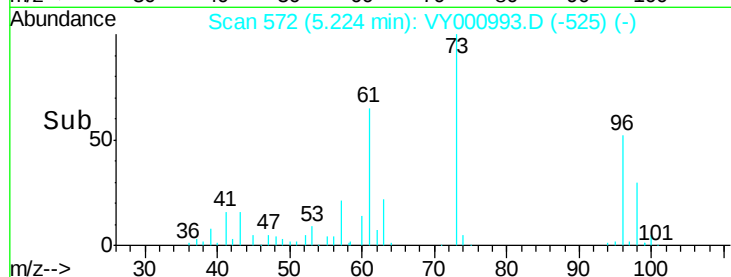
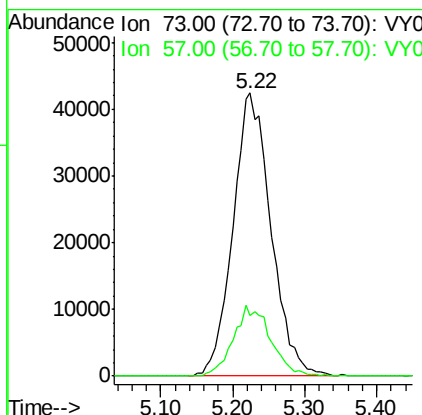
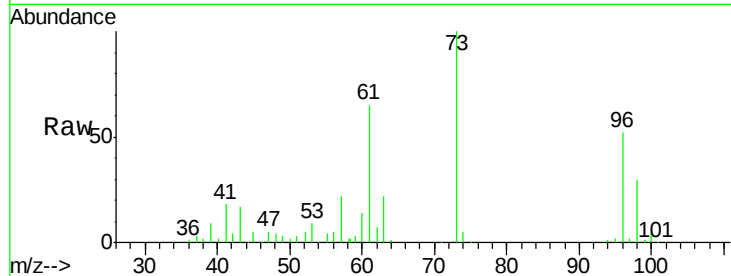




#19
Methyl tert-butyl Ether
Concen: 19.17 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

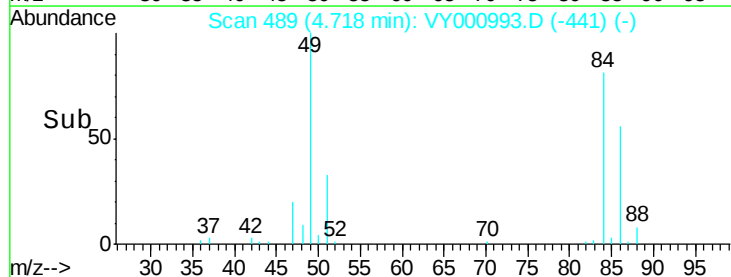
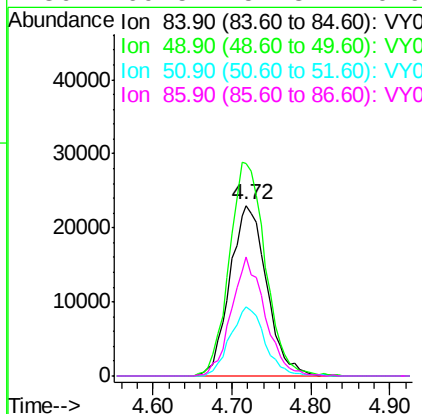
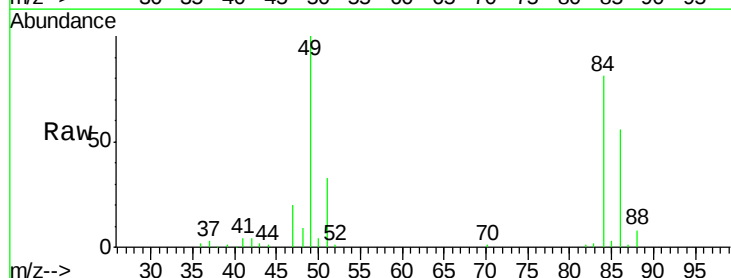
Instrument :
MSVOA_Y
ClientSampled :

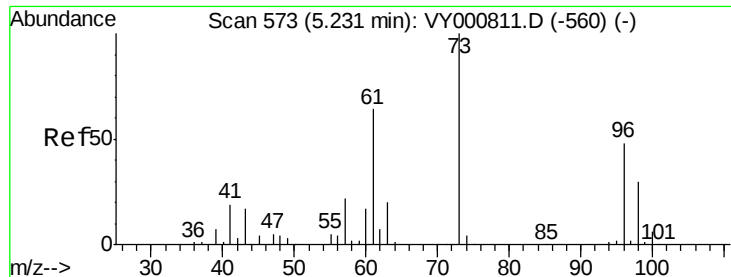
Tot Ion: 73 Resp: 155463
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4



#20
Methylene Chloride
Concen: 20.95 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion: 84 Resp: 74572
Ion Ratio Lower Upper
84 100
49 124.2 101.3 151.9
51 40.6 30.6 45.8
86 69.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.47 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

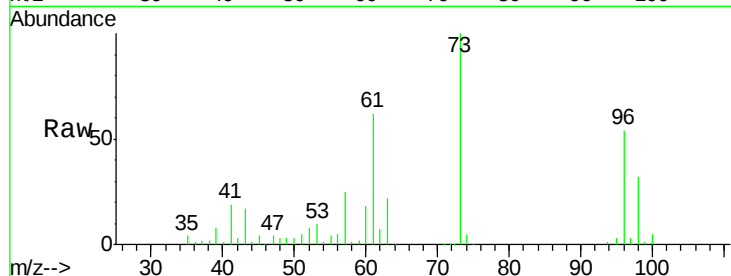
Tot Ion: 96 Resp: 67199

Ion Ratio Lower Upper

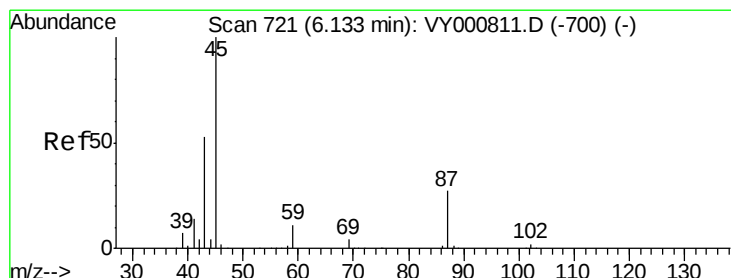
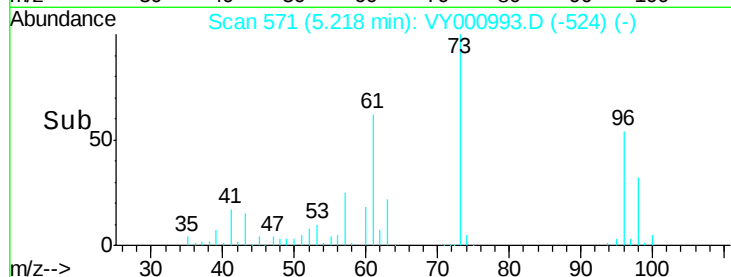
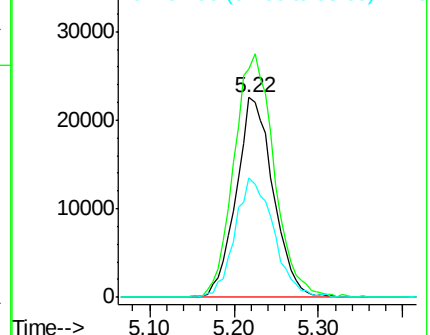
96 100

61 113.5 105.9 158.9

98 59.6 49.4 74.2



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



#22

Diisopropyl ether

Concen: 19.55 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Tgt Ion: 45 Resp: 209261

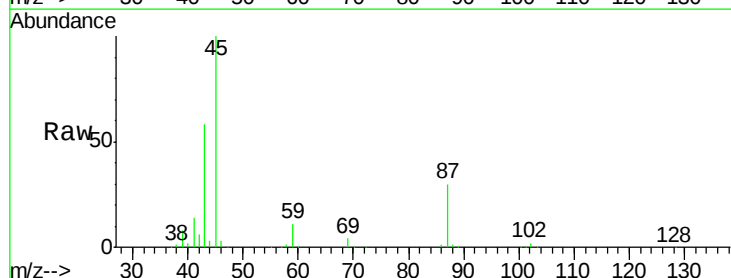
Ion Ratio Lower Upper

45 100

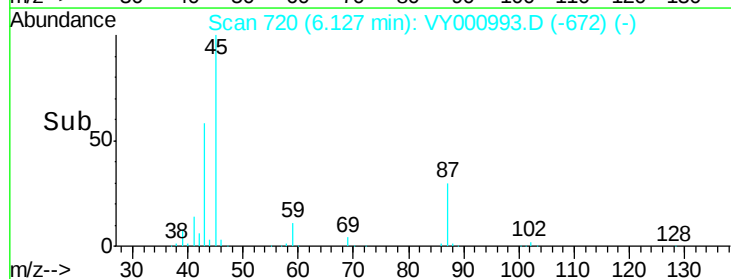
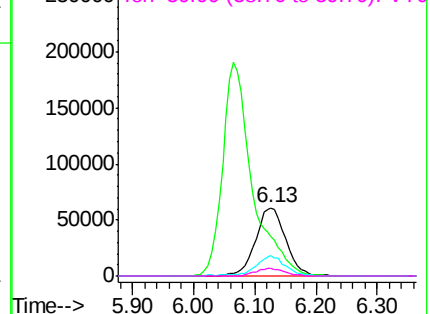
43 57.8 42.7 64.1

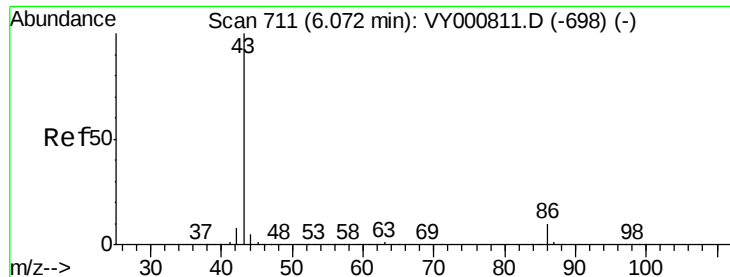
87 29.5 22.0 33.0

59 11.3 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: 98.47 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

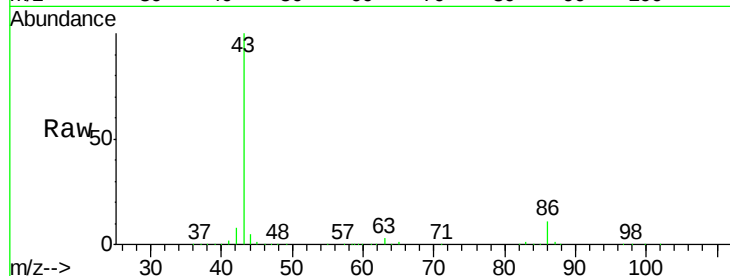
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 640696

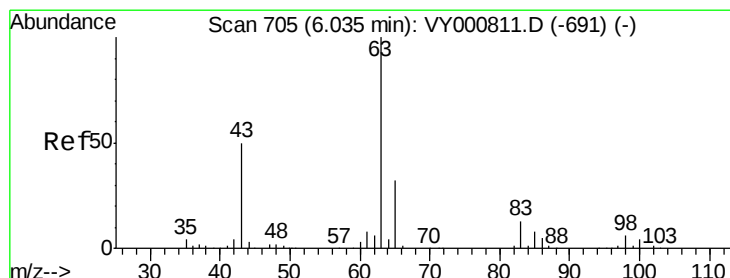
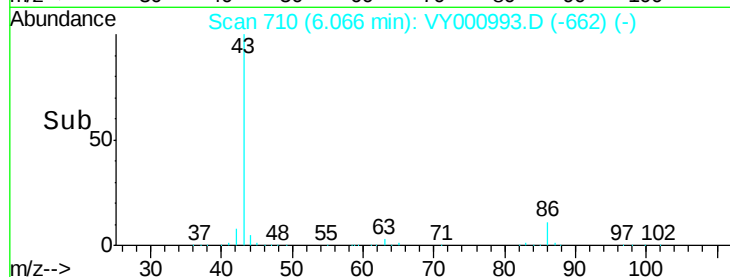
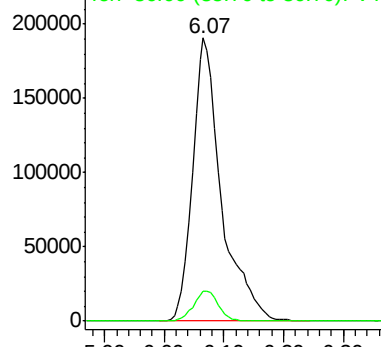
Ion Ratio Lower Upper

43 100

86 10.6 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: 19.43 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

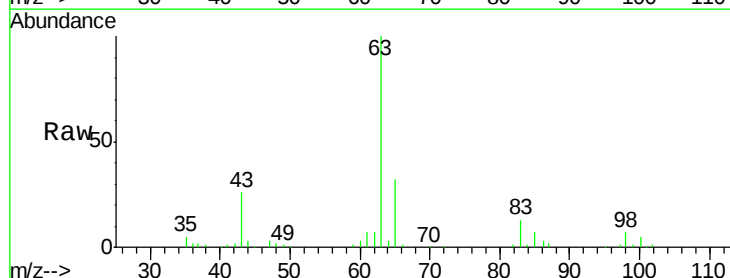
Tgt Ion: 63 Resp: 114598

Ion Ratio Lower Upper

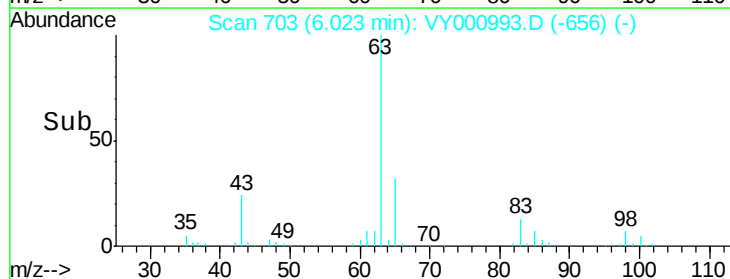
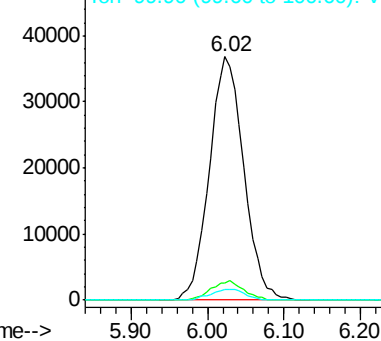
63 100

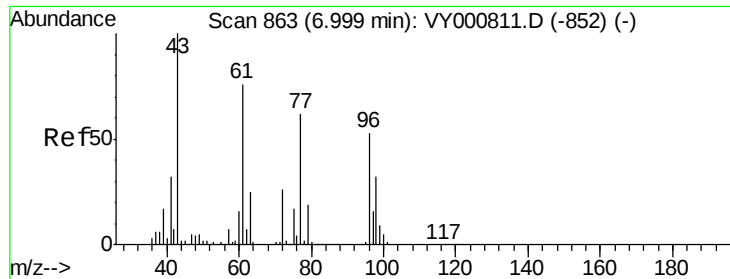
98 6.8 3.3 9.8

100 4.5 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: 95.97 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

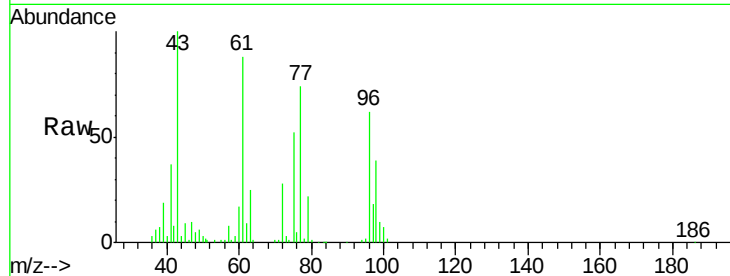
ClientSampleId :

Tot Ion: 43 Resp: 119695

Ion Ratio Lower Upper

43 100

72 27.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

40000

30000

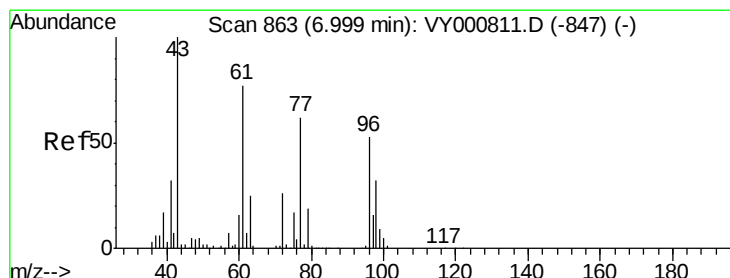
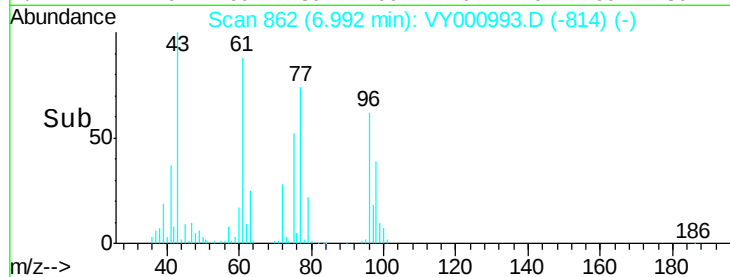
20000

10000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 19.13 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000993.D

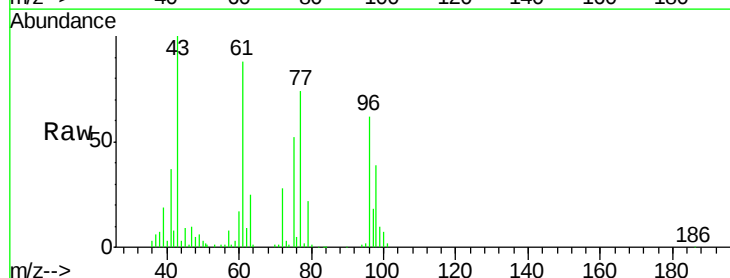
Acq: 18 Dec 2019 12:42

Tgt Ion: 77 Resp: 94965

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

30000

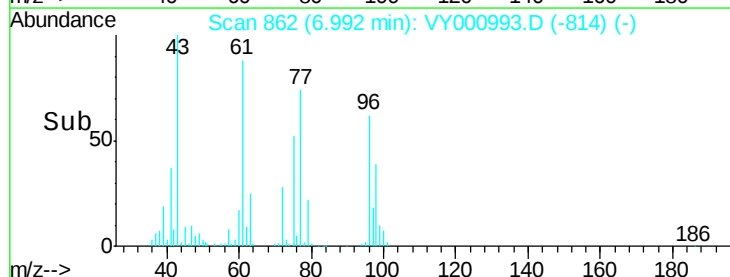
20000

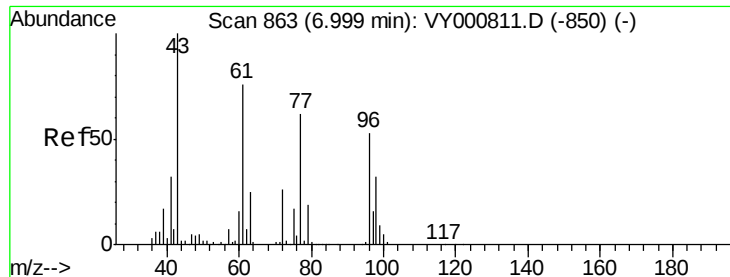
10000

0

6.90 7.00 7.10

Time-->



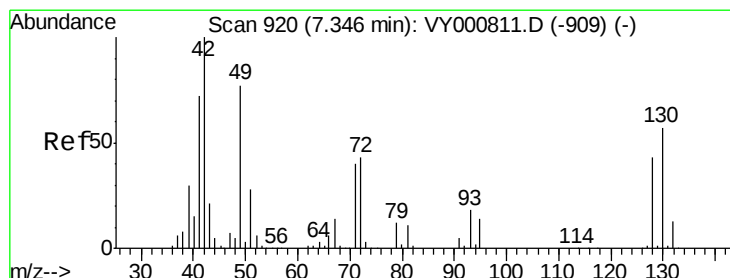
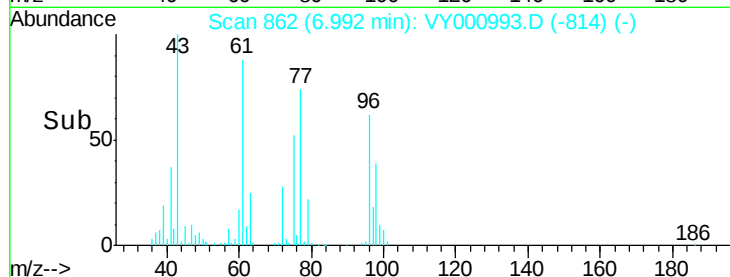
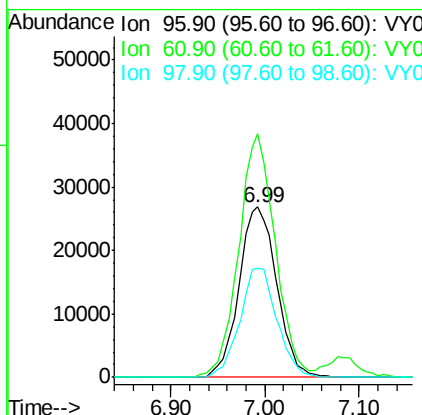
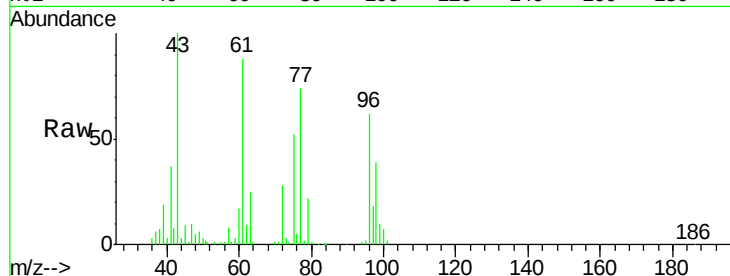


#27

cis-1,2-Dichloroethene
Concen: 20.09 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :

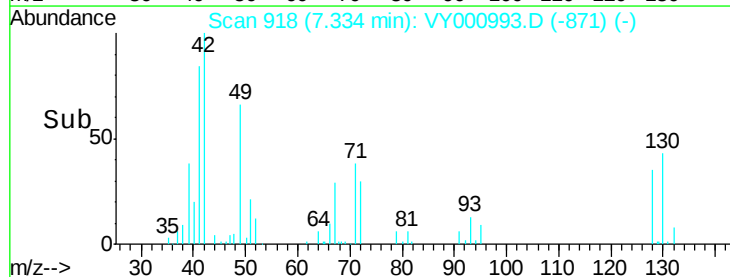
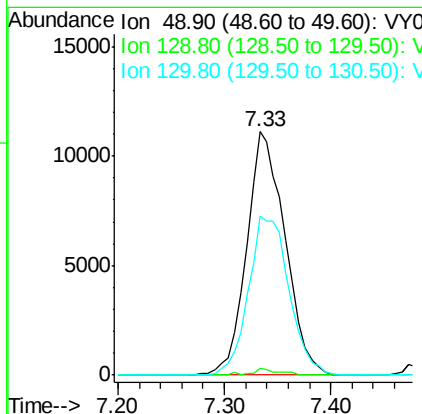
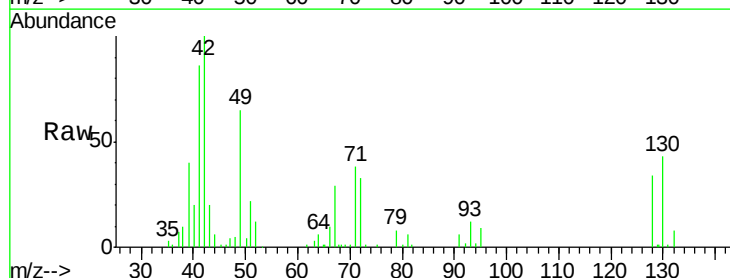
Tot Ion: 96 Resp: 74969
Ion Ratio Lower Upper
96 100
61 137.5 0.0 285.0
98 62.9 0.0 128.0

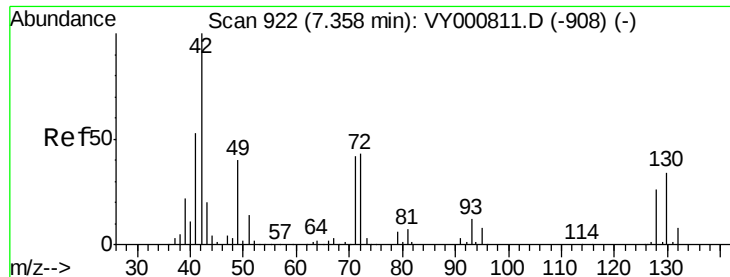


#28

Bromochloromethane
Concen: 14.44 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion: 49 Resp: 28004
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 68.9 58.7 88.1





#29

Tetrahydrofuran

Concen: 98.33 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

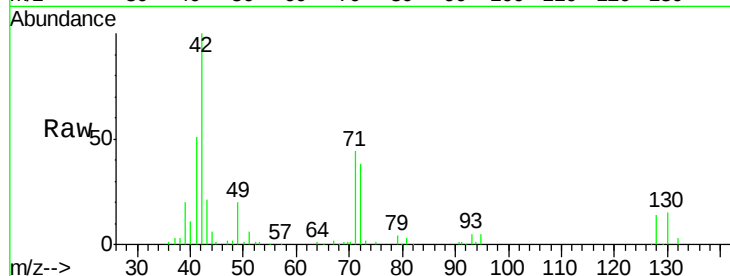
Tot Ion: 42 Resp: 81266

Ion Ratio Lower Upper

42 100

72 43.4 35.1 52.7

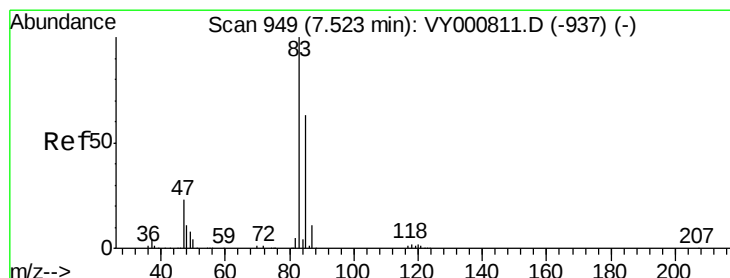
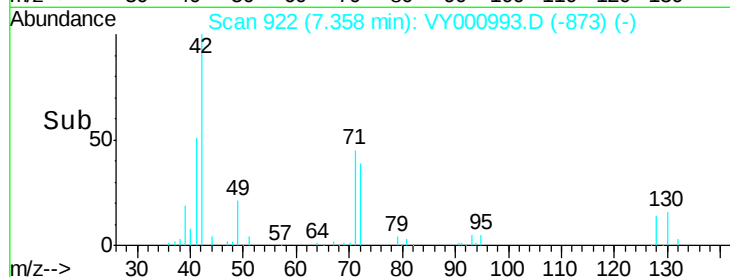
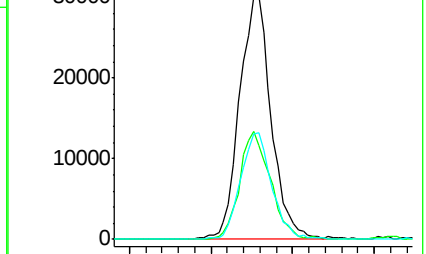
71 43.0 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VY000993.D (-900) (-)

Ion 72.00 (71.70 to 72.70): VY000993.D (-900) (-)

Ion 71.00 (70.70 to 71.70): VY000993.D (-900) (-)



#30

Chloroform

Concen: 18.47 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000993.D

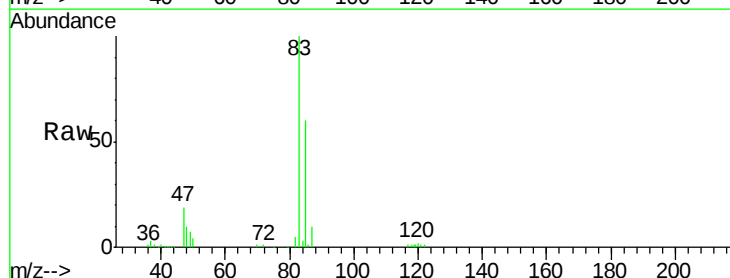
Acq: 18 Dec 2019 12:42

Tgt Ion: 83 Resp: 109317

Ion Ratio Lower Upper

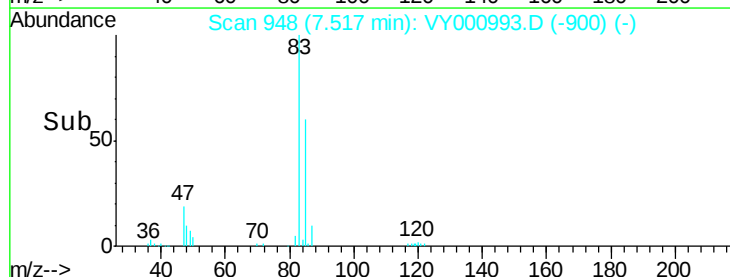
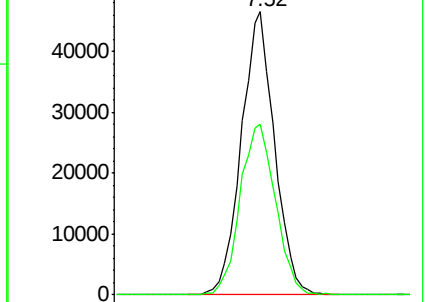
83 100

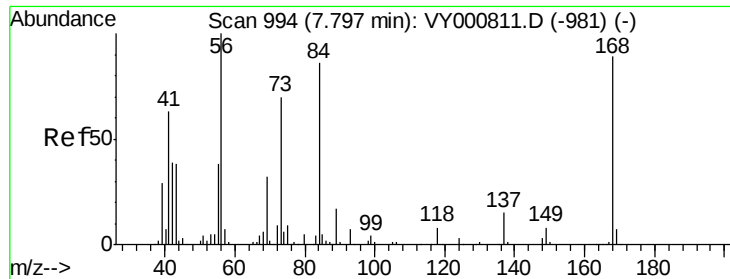
85 60.2 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY000993.D (-900) (-)

Ion 84.90 (84.60 to 85.60): VY000993.D (-900) (-)

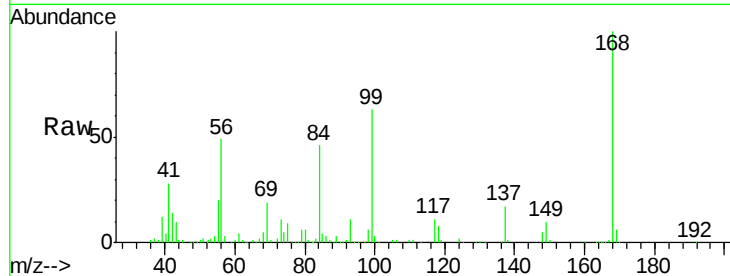




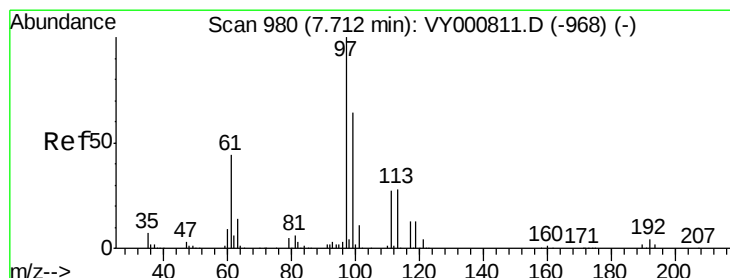
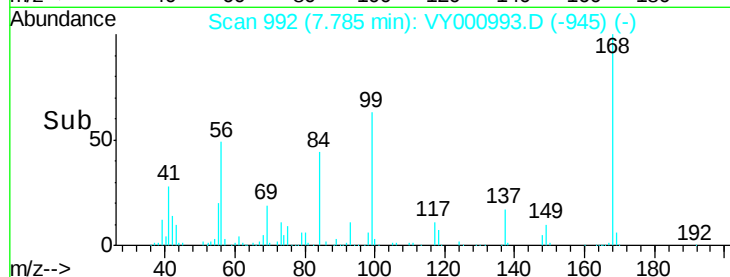
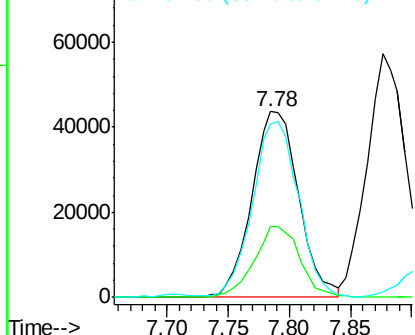
#31
Cyclohexane
Concen: 18.62 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 116382
Ion Ratio Lower Upper
56 100
69 38.1 25.9 38.9
84 92.2 68.6 102.8

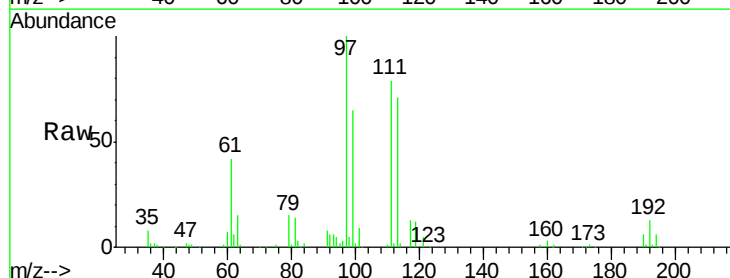


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

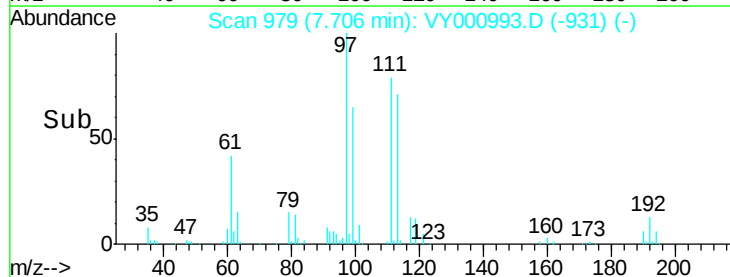
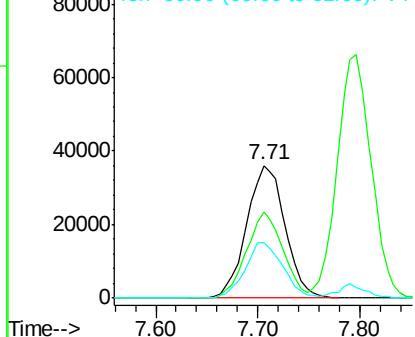


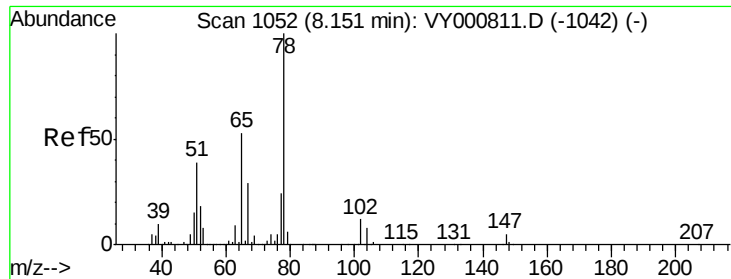
#32
1,1,1-Trichloroethane
Concen: 19.29 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion: 97 Resp: 94255
Ion Ratio Lower Upper
97 100
99 61.9 51.7 77.5
61 41.6 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

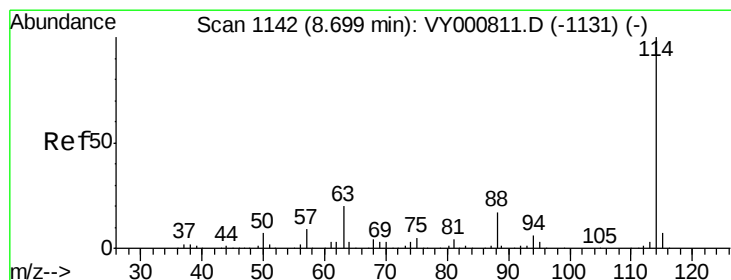
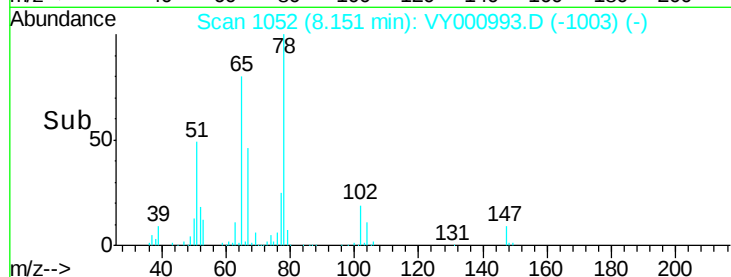
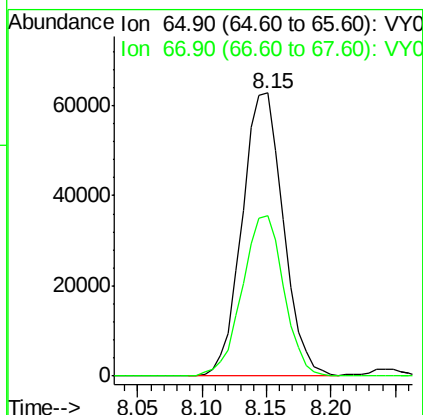
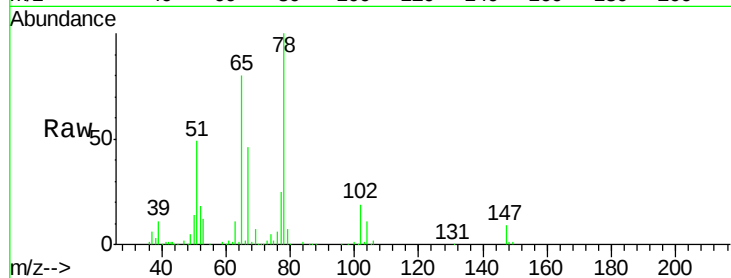




#33
 1,2-Dichloroethane-d4
 Concen: 47.22 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

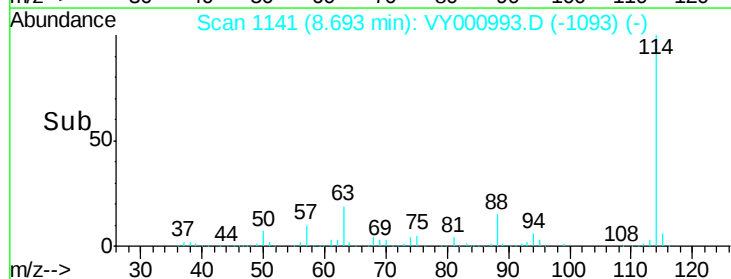
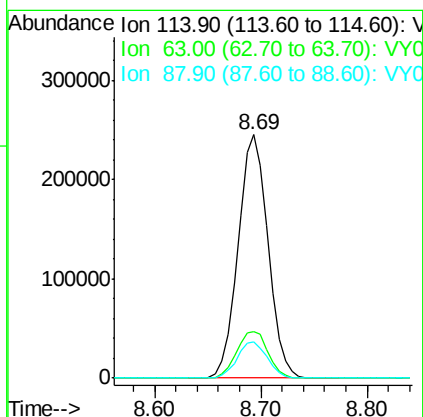
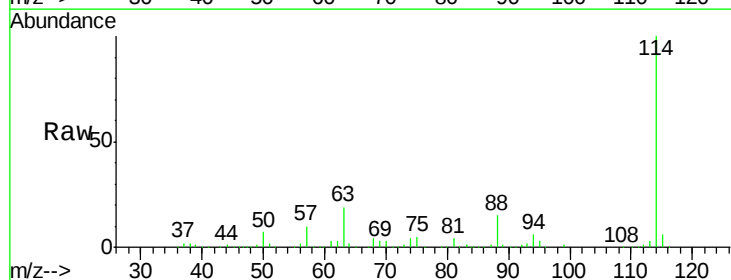
Instrument :
 MSVOA_Y
 ClientSampleId :

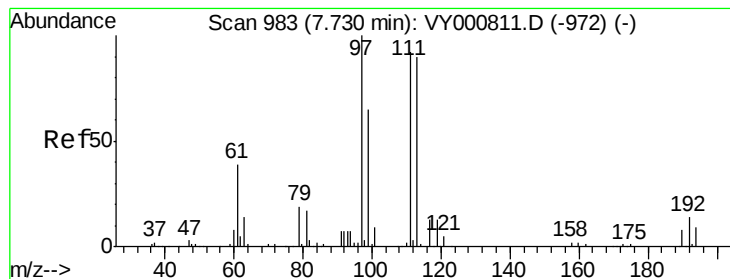
Tot Ion: 65 Resp: 138965
 Ion Ratio Lower Upper
 65 100
 67 57.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion: 114 Resp: 482194
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.40 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampled :

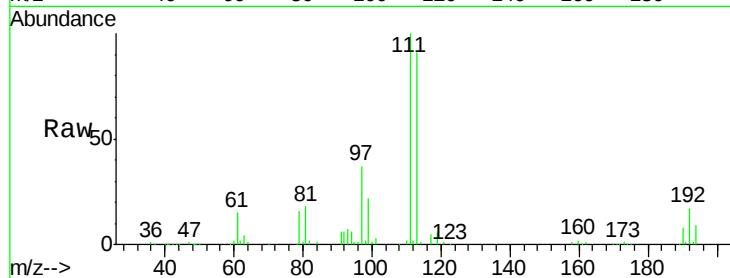
Tot Ion:113 Resp: 136021

Ion Ratio Lower Upper

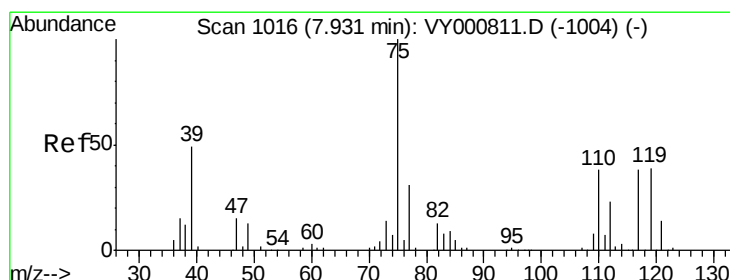
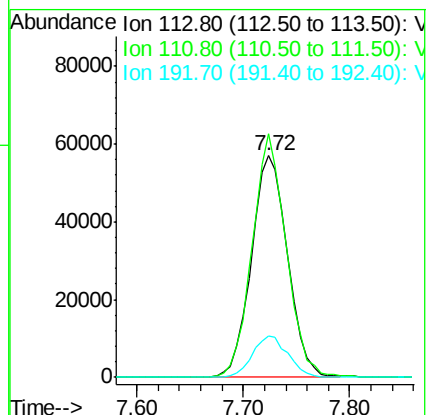
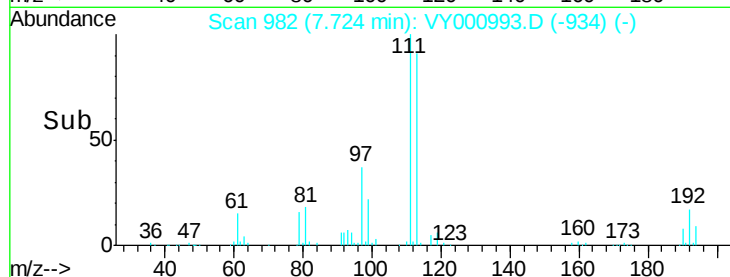
113 100

111 103.4 82.4 123.6

192 18.5 14.2 21.2



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



#36

1,1-Dichloropropene

Concen: 18.89 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

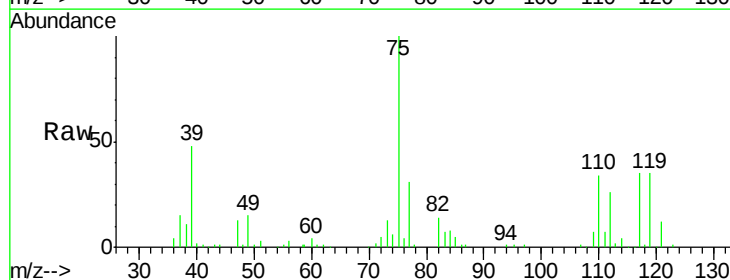
Tgt Ion: 75 Resp: 90580

Ion Ratio Lower Upper

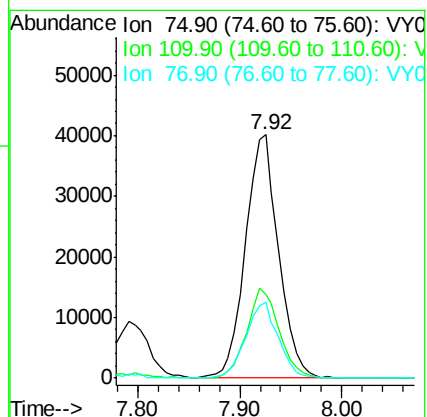
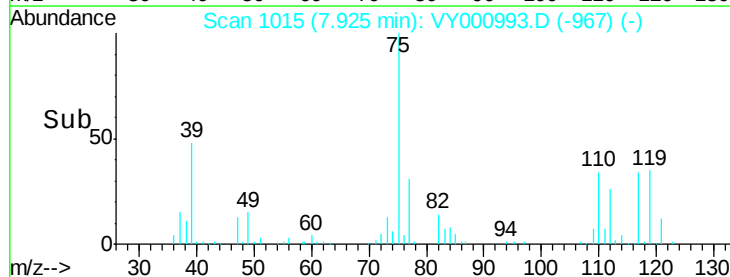
75 100

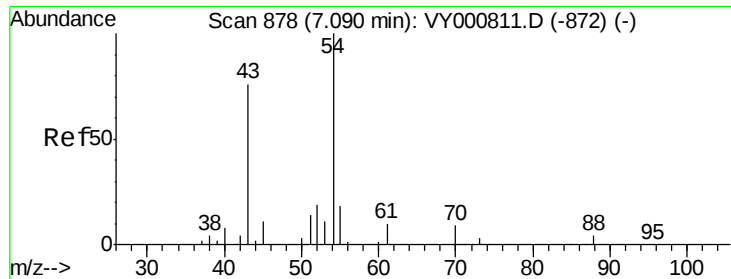
110 36.0 17.9 53.7

77 30.7 24.7 37.1



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

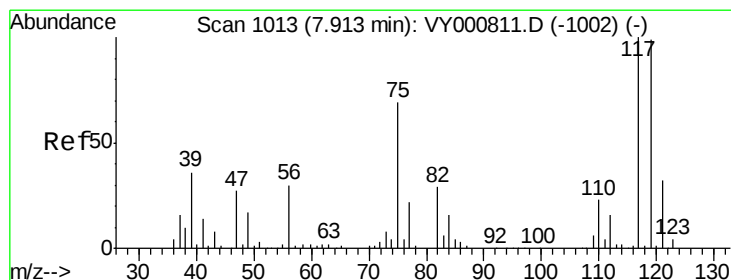
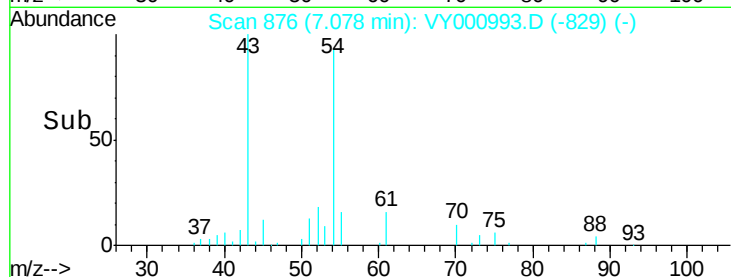
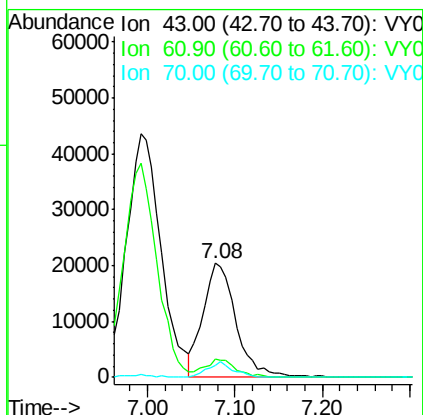
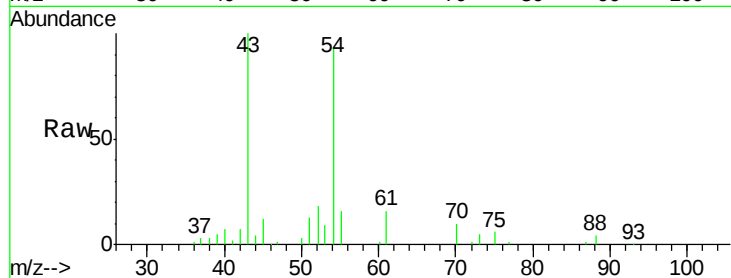




#37
Ethyl Acetate
Concen: 19.21 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

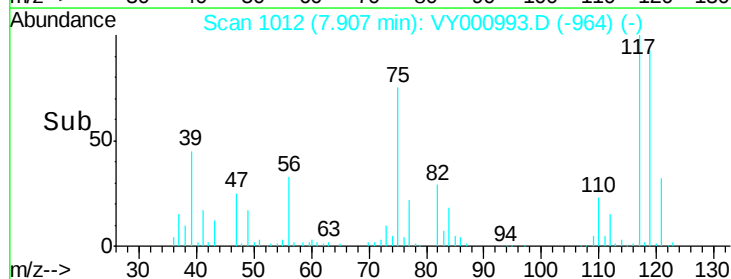
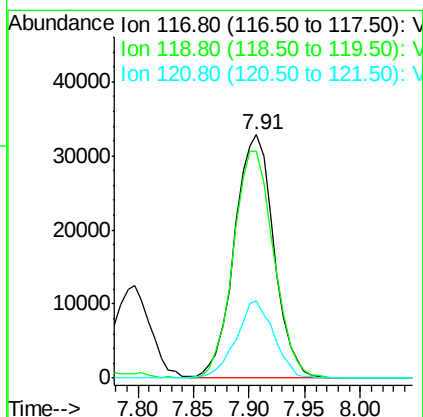
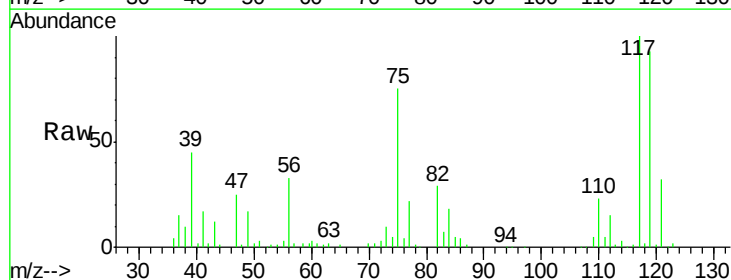
Instrument :
MSVOA_Y
ClientSampled :

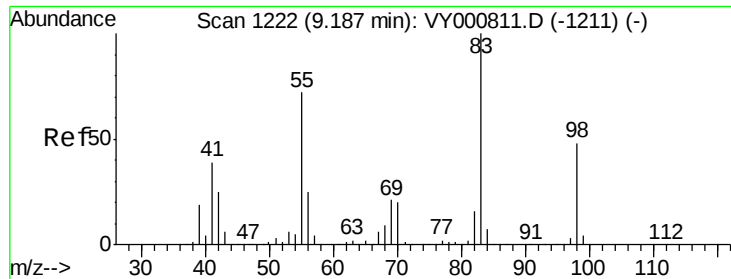
Tot Ion: 43 Resp: 53171
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.94 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion: 117 Resp: 80856
Ion Ratio Lower Upper
117 100
119 93.4 79.3 118.9
121 32.0 25.5 38.3

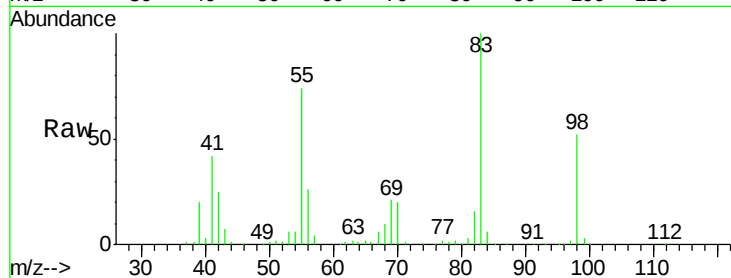




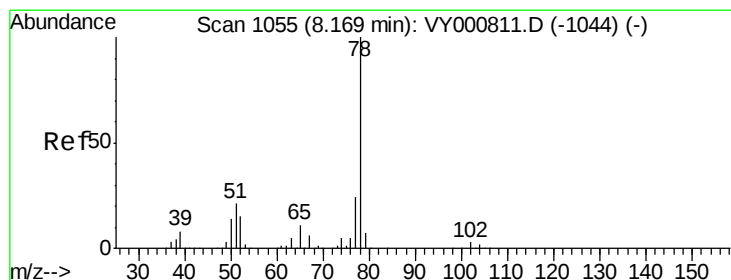
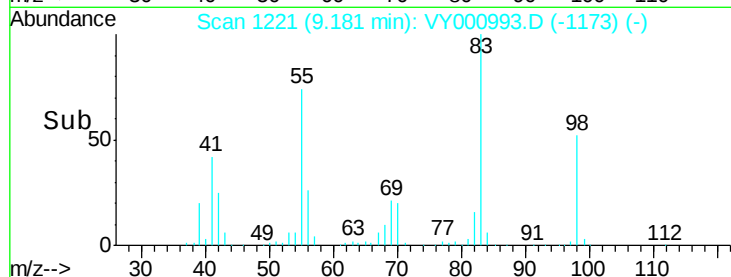
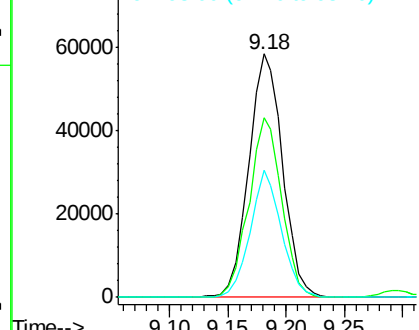
#39
Methylvlcyclohexane
Concen: 18.62 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 118255
Ion Ratio Lower Upper
83 100
55 74.0 57.8 86.6
98 52.3 38.6 58.0

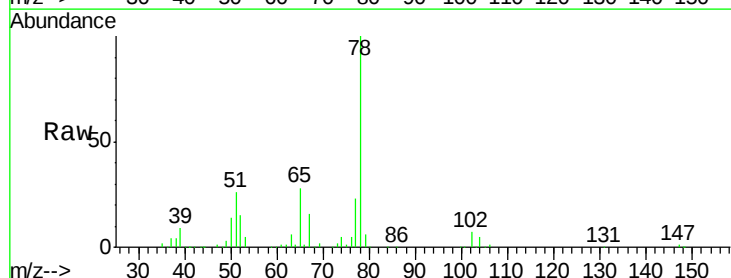


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

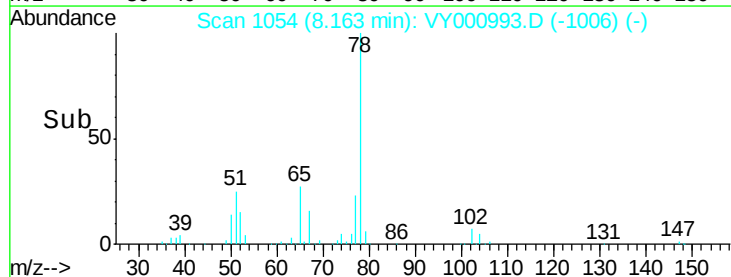
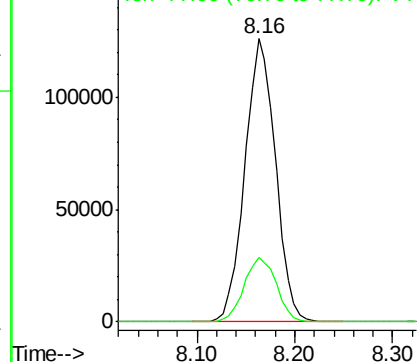


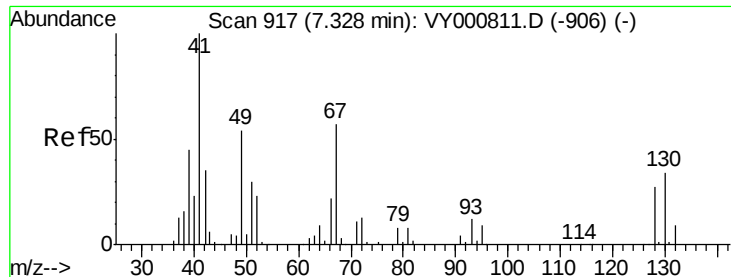
#40
Benzene
Concen: 19.61 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion: 78 Resp: 273918
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8



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

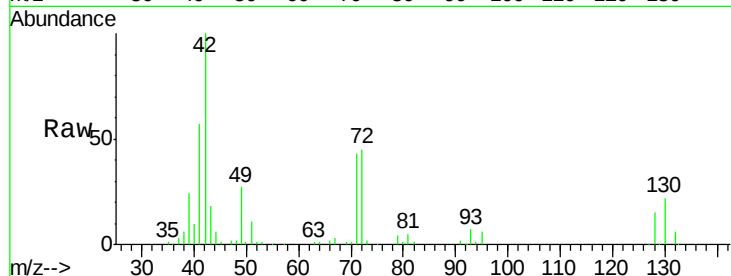




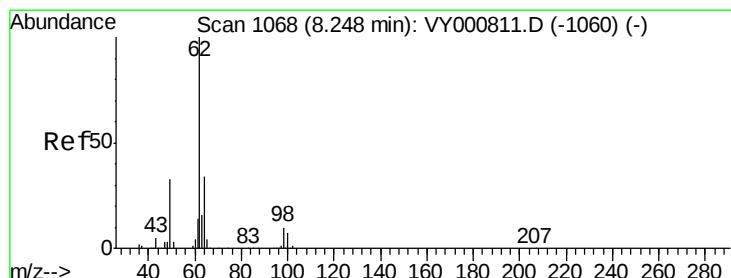
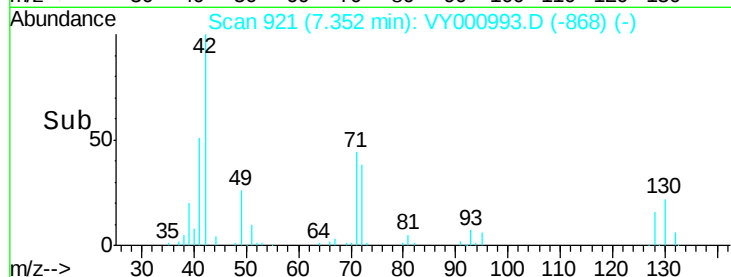
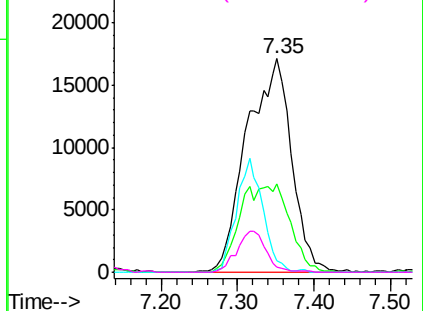
#41
Methacrylonitrile
Concen: 47.69 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	69587
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

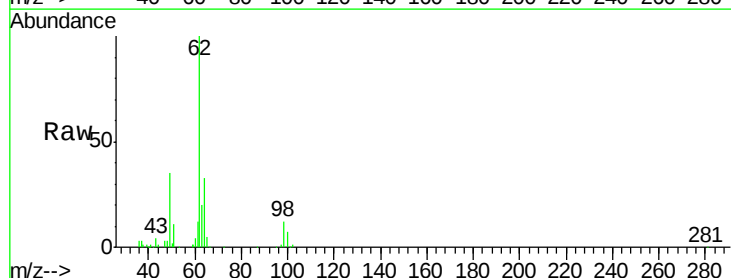


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

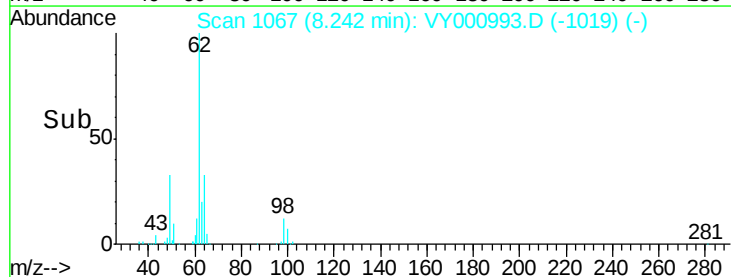
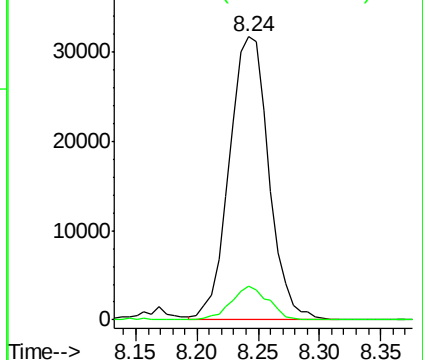


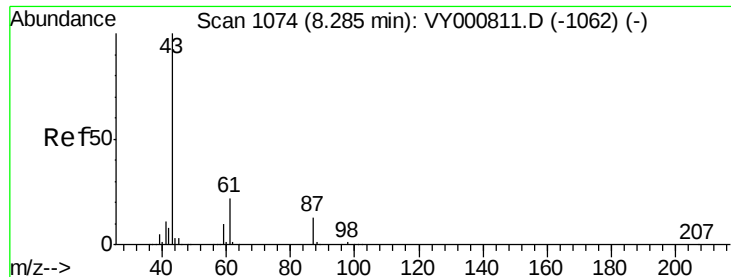
#42
1,2-Dichloroethane
Concen: 19.32 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion:	62	Resp:	70941
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.4



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

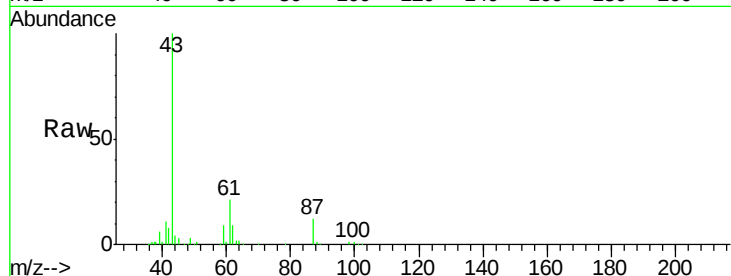




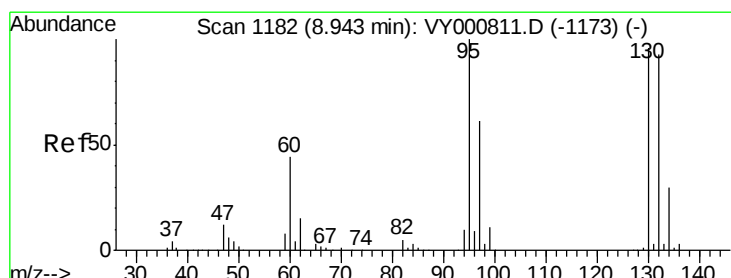
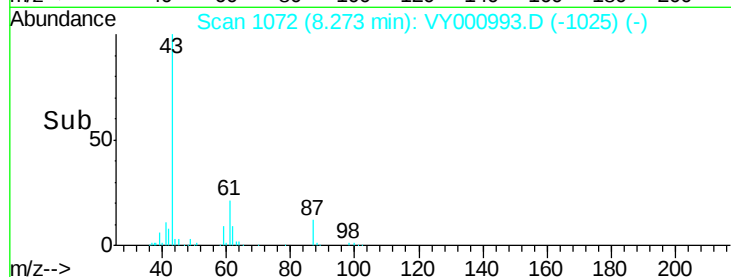
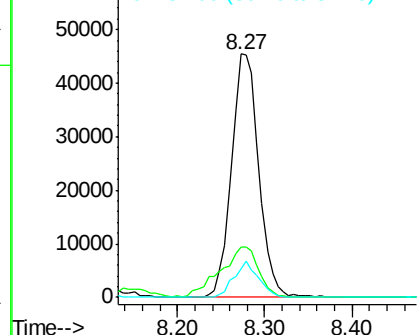
#43
Isopropyl Acetate
Concen: 18.91 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	43	Resp	98656
Ion Ratio	Lower	Upper	
43	100		
61	29.1	23.7	35.5
87	13.4	10.6	15.8

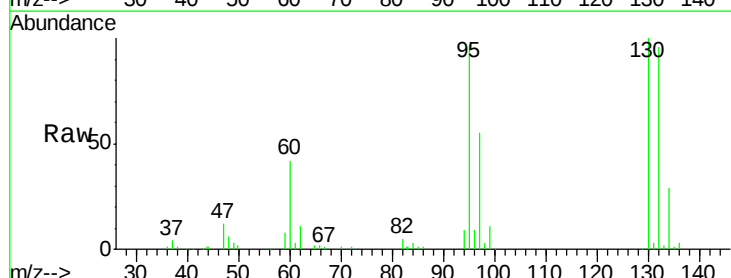


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

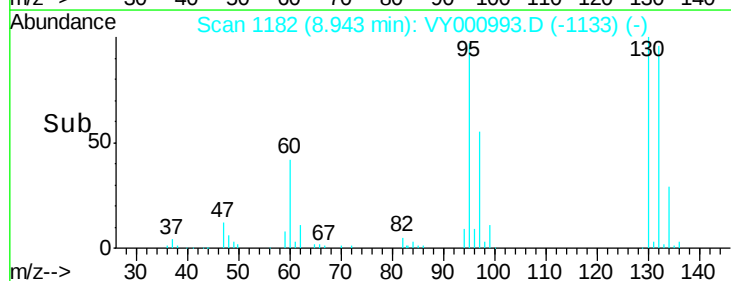
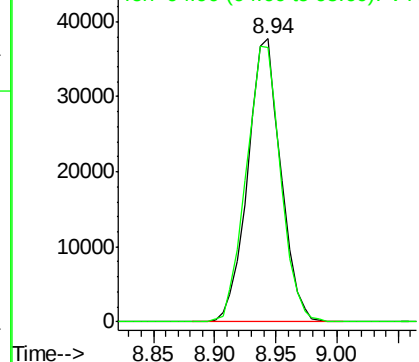


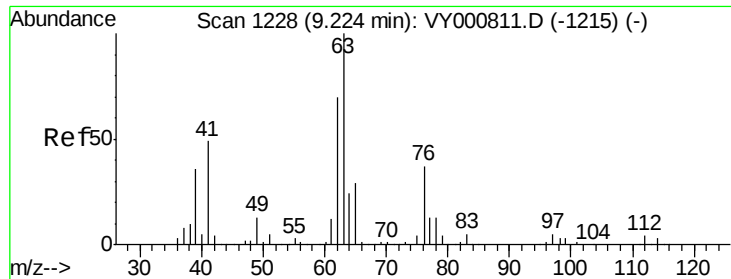
#44
Trichloroethene
Concen: 19.74 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion	130	Resp	70853
Ion Ratio	Lower	Upper	
130	100		
95	96.8	0.0	207.8



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





#45

1,2-Dichloropropane

Concen: 19.80 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

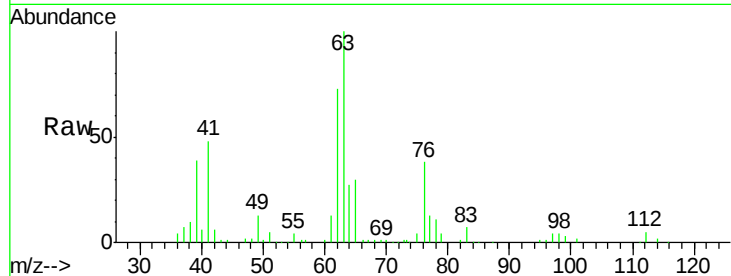
ClientSampleId :

Tot Ion: 63 Resp: 69456

Ion Ratio Lower Upper

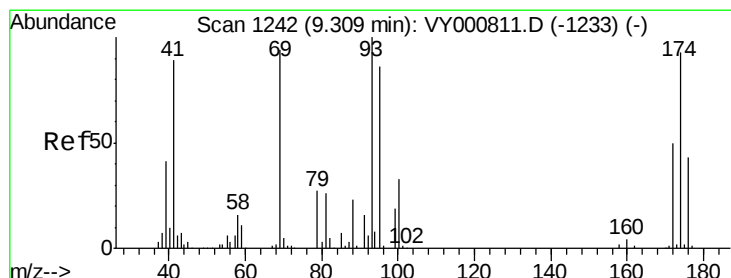
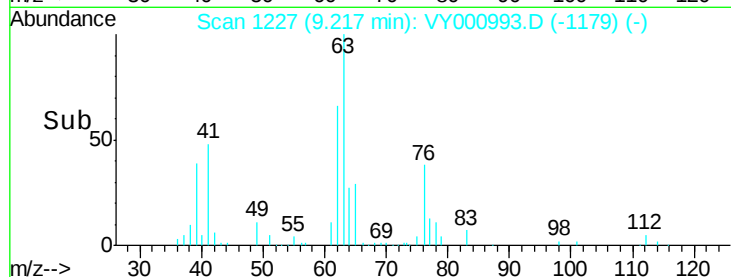
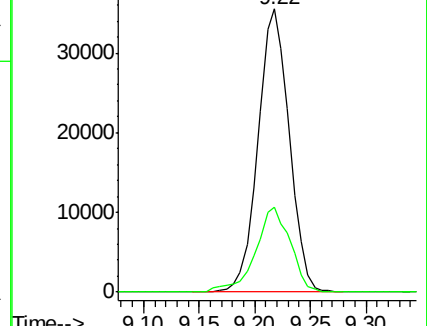
63 100

65 29.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.70 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

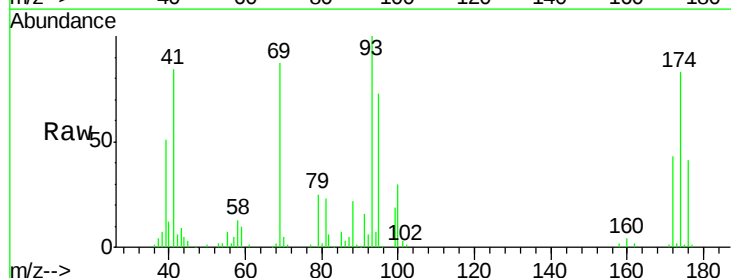
Tgt Ion: 93 Resp: 36098

Ion Ratio Lower Upper

93 100

95 81.1 66.4 99.6

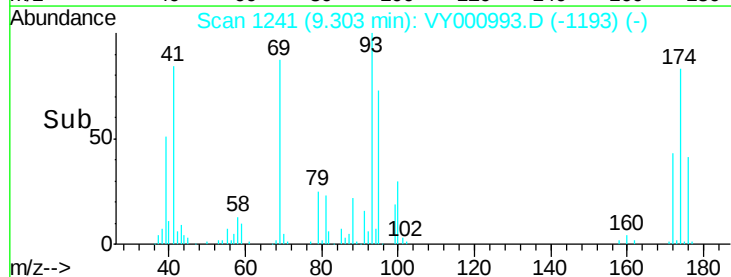
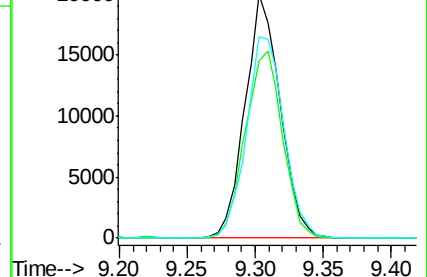
174 88.4 73.0 109.6

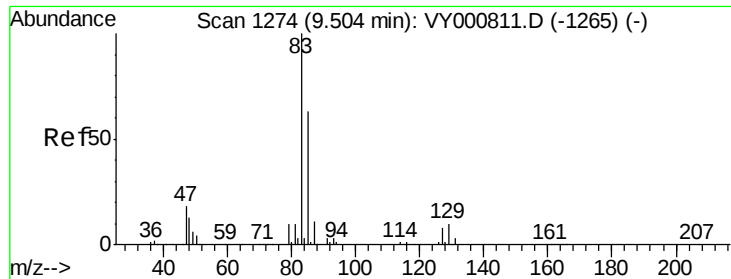


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

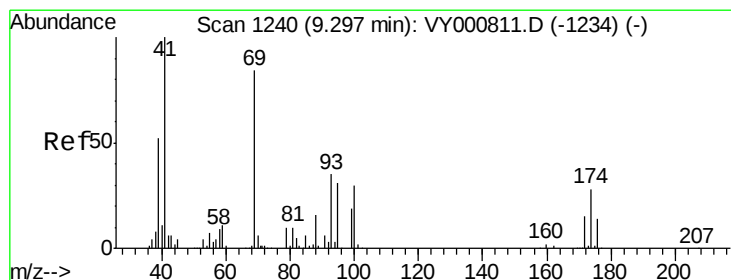
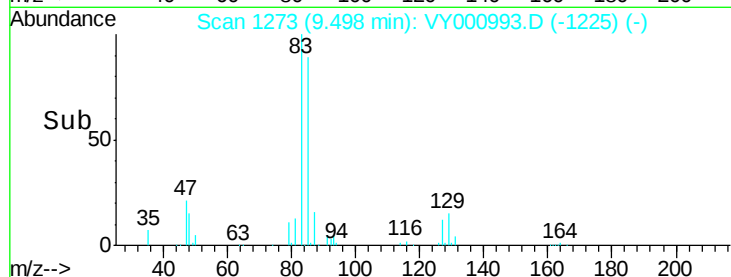
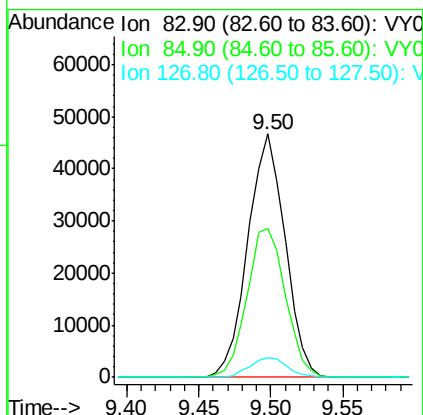
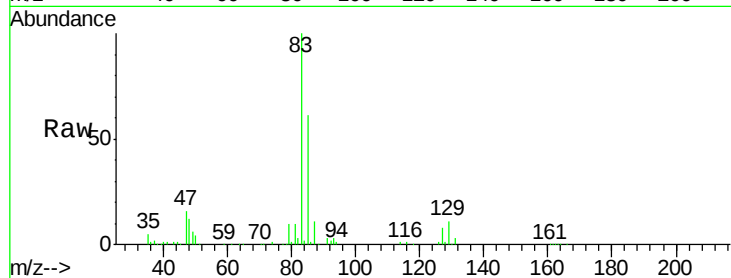




#47
Bromodichloromethane
Concen: 19.35 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

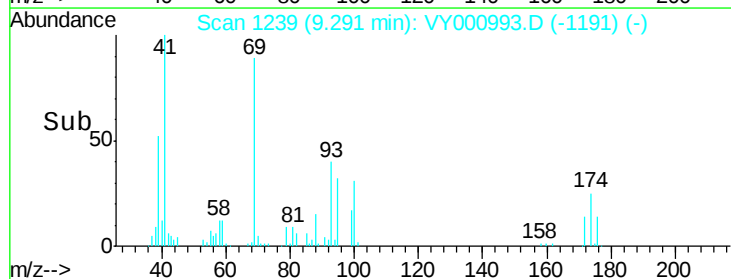
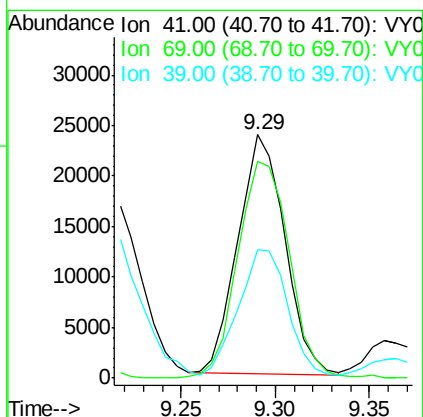
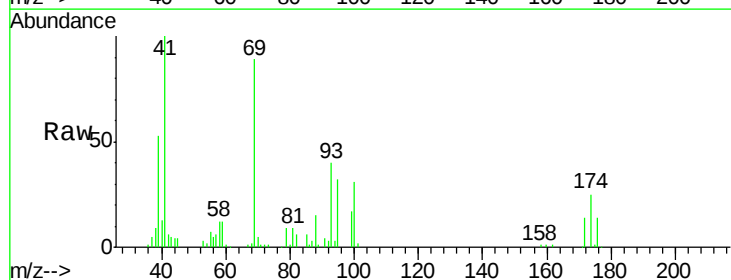
Instrument :
MSVOA_Y
ClientSampleId :

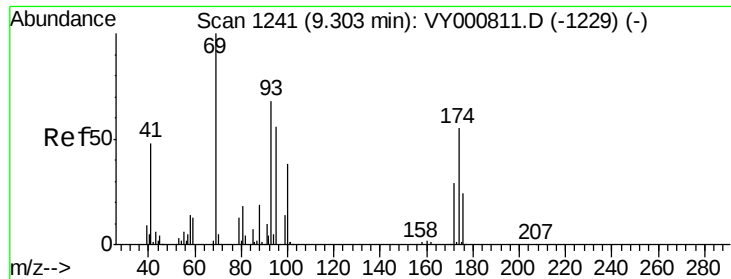
Tot Ion: 83 Resp: 83294
Ion Ratio Lower Upper
83 100
85 61.3 50.8 76.2
127 8.2 6.6 10.0



#48
Methyl methacrylate
Concen: 17.93 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion: 41 Resp: 41130
Ion Ratio Lower Upper
41 100
69 99.4 70.4 105.6
39 57.2 40.9 61.3

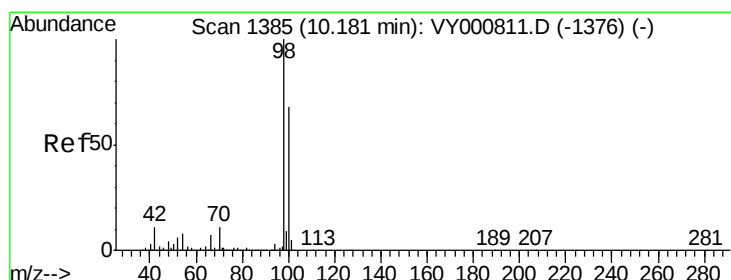
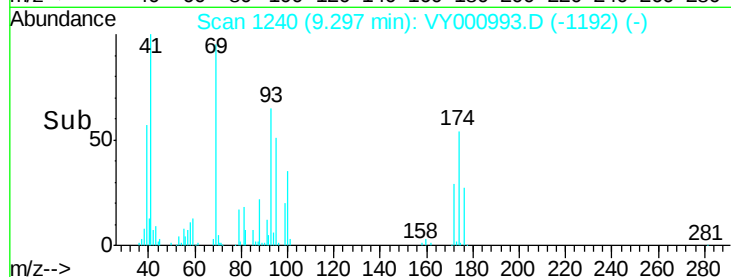
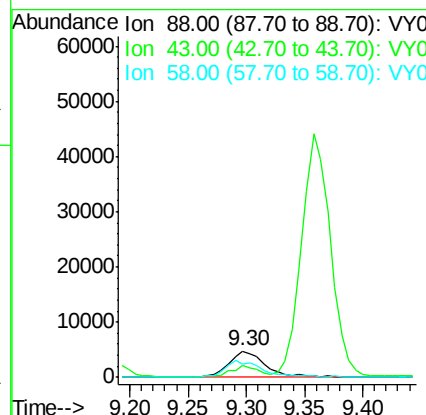
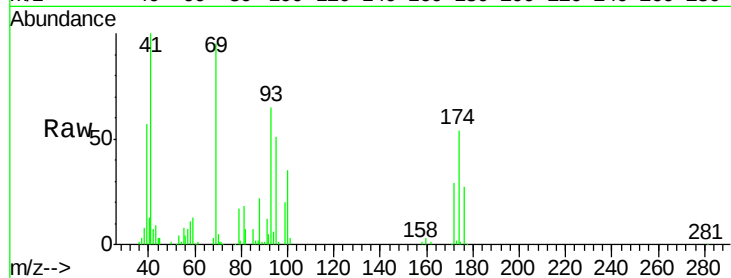




#49
 1,4-Dioxane
 Concen: 395.84 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

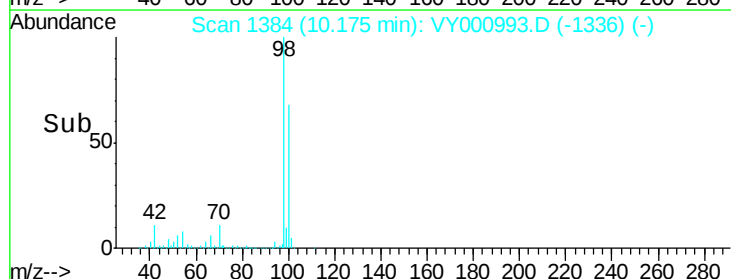
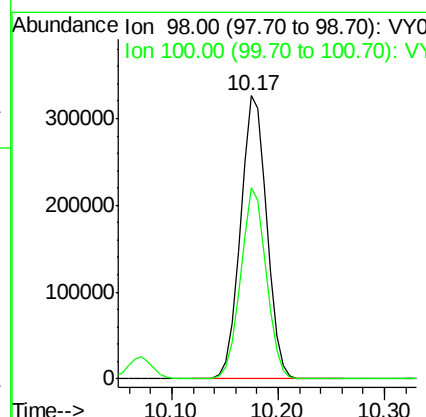
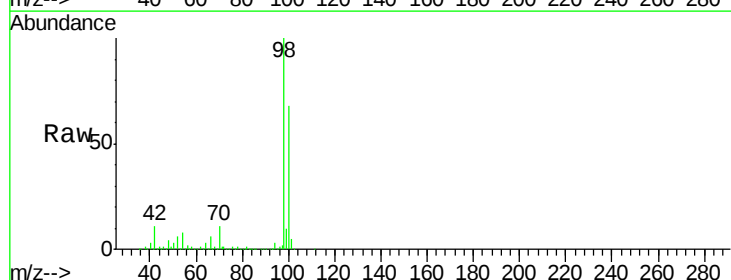
Instrument :
 MSVOA_Y
 ClientSampled :

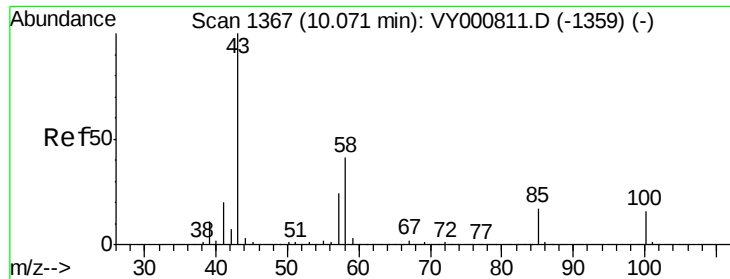
Tot Ion: 88 Resp: 10280
 Ion Ratio Lower Upper
 88 100
 43 35.9 21.1 31.7#
 58 66.5 50.7 76.1



#50
 Toluene-d8
 Concen: 50.16 ug/l
 RT: 10.17 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion: 98 Resp: 563566
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 98.74 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

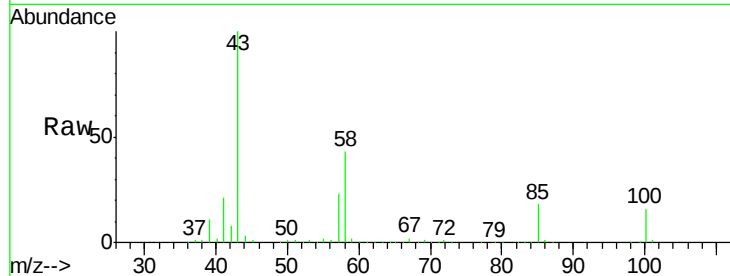
ClientSampleId :

Tot Ion: 43 Resp: 266158

Ion Ratio Lower Upper

43 100

58 42.2 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

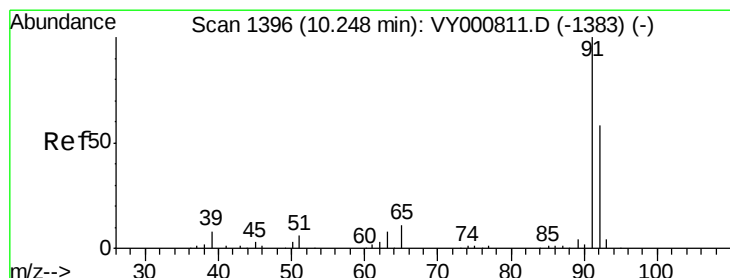
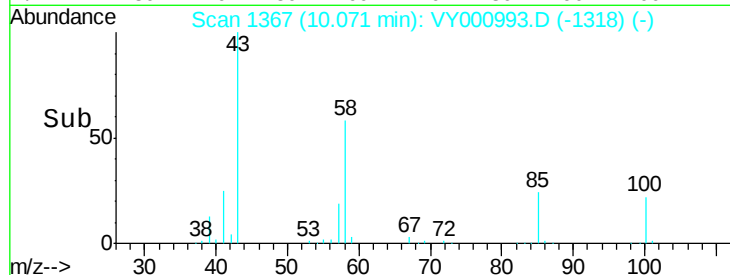
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.50 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000993.D

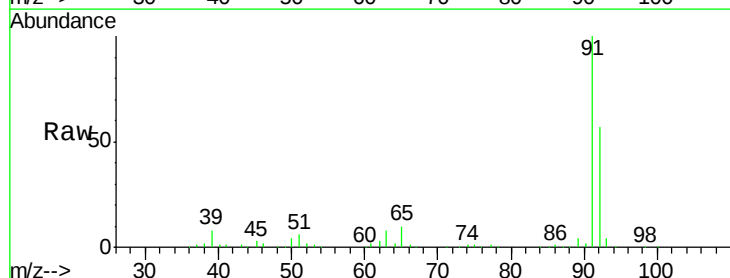
Acq: 18 Dec 2019 12:42

Tgt Ion: 92 Resp: 168594

Ion Ratio Lower Upper

92 100

91 173.3 136.6 204.8



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

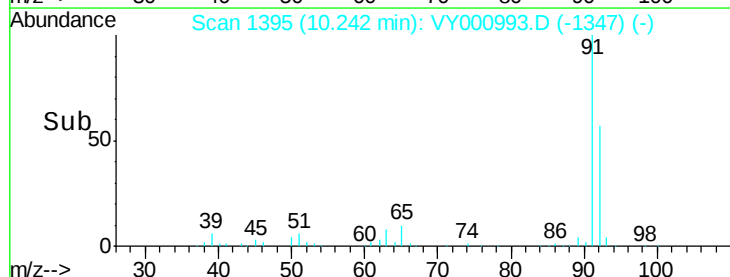
150000

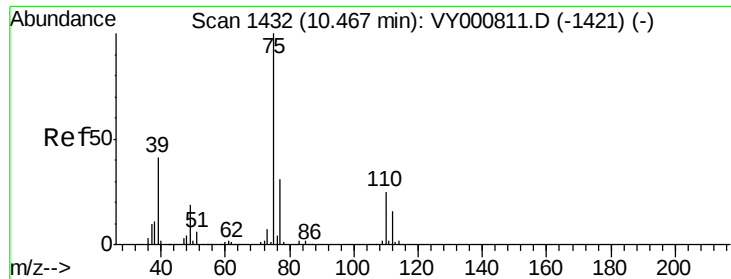
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.33 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

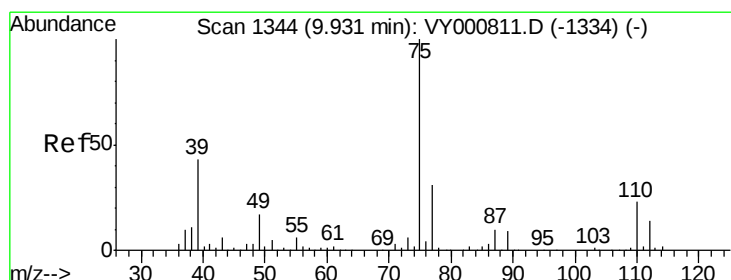
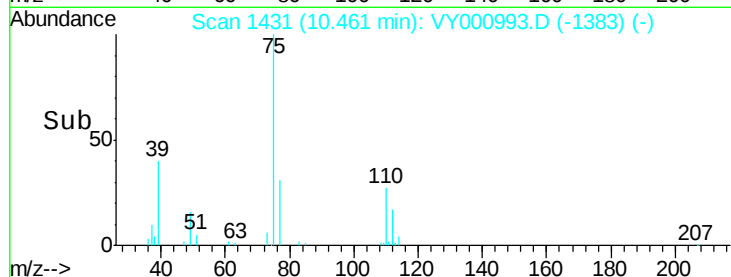
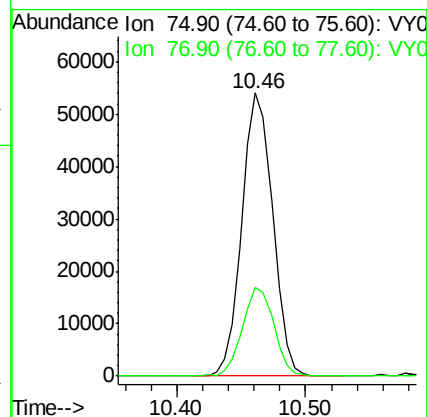
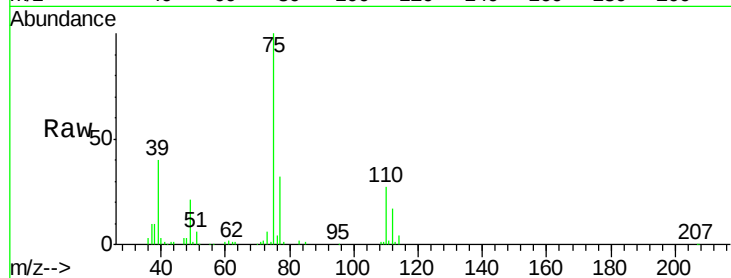
ClientSampleId :

Tot Ion: 75 Resp: 89427

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.70 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

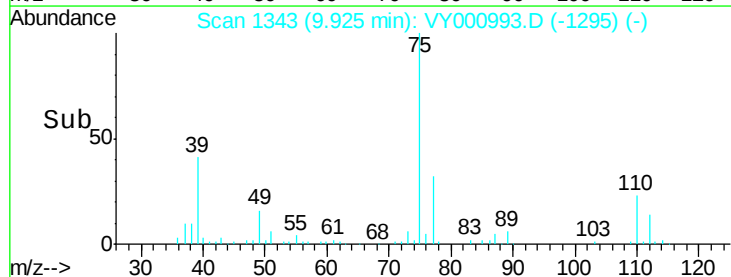
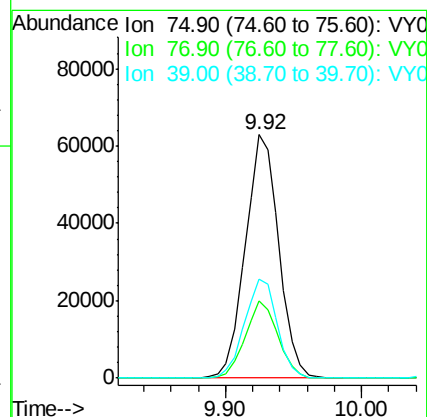
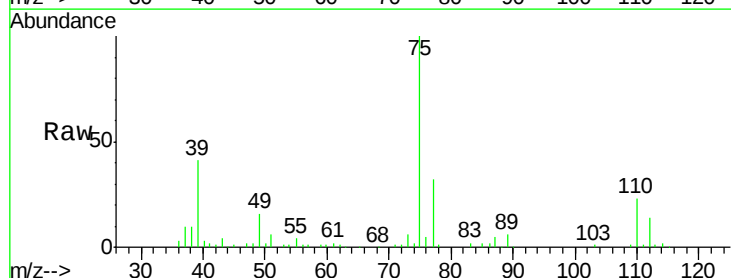
Tgt Ion: 75 Resp: 107720

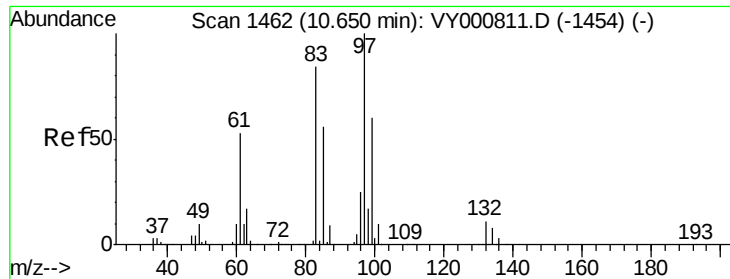
Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

39 40.7 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 20.11 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 54452

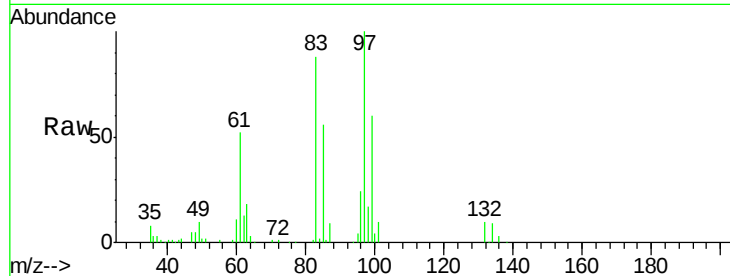
Ion Ratio Lower Upper

97 100

83 88.4 67.5 101.3

85 56.3 44.5 66.7

99 60.5 47.7 71.5

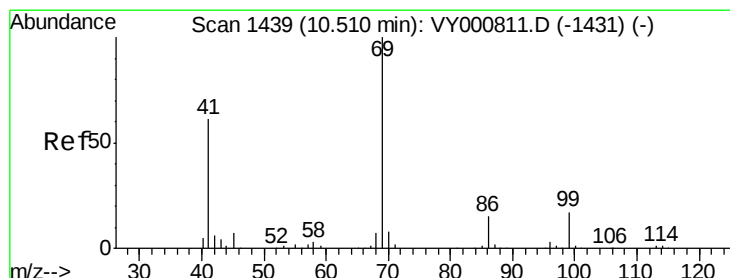
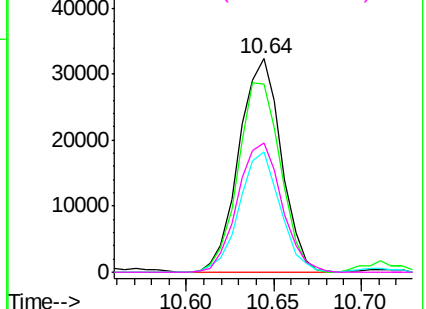
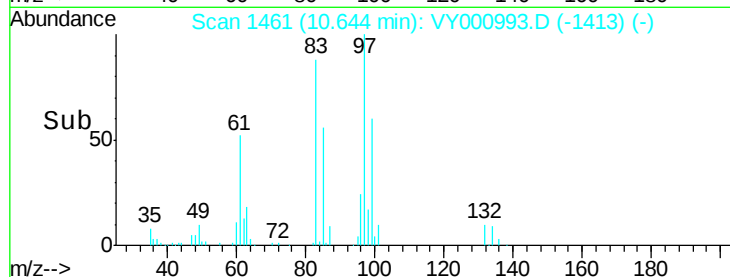


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.86 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

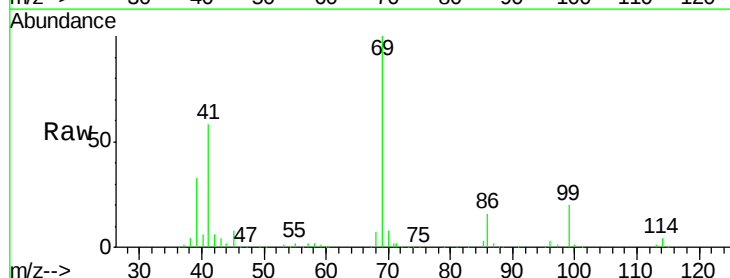
Tgt Ion: 69 Resp: 76920

Ion Ratio Lower Upper

69 100

41 59.8 49.0 73.6

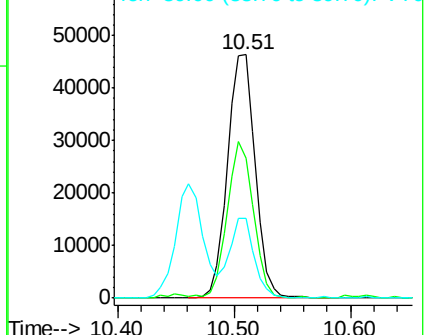
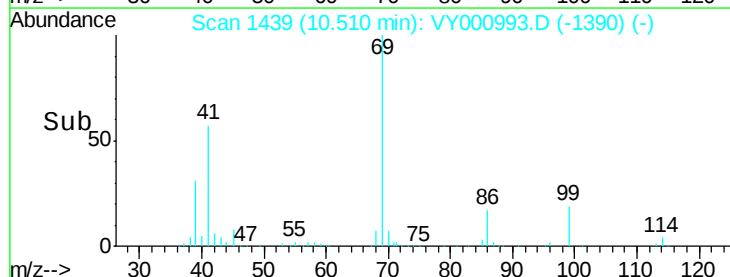
39 29.6 23.1 34.7

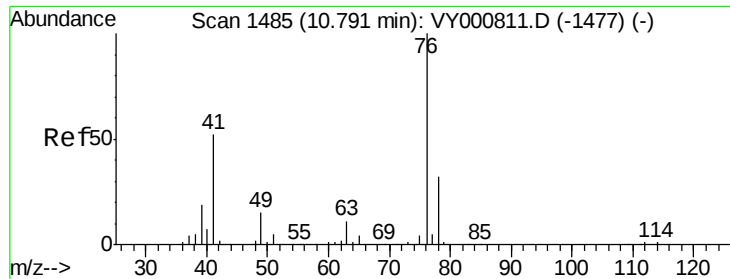


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

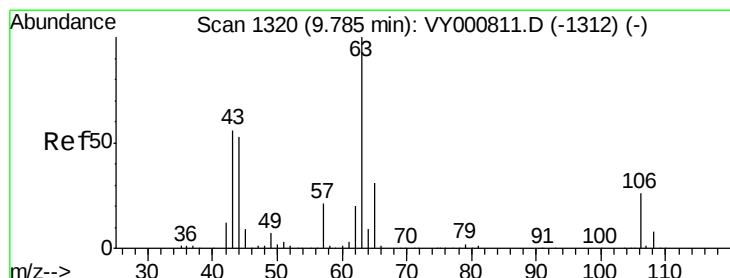
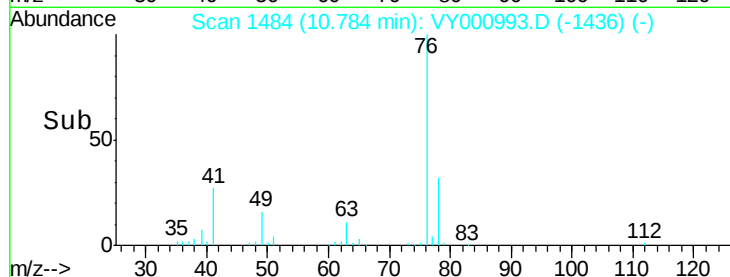
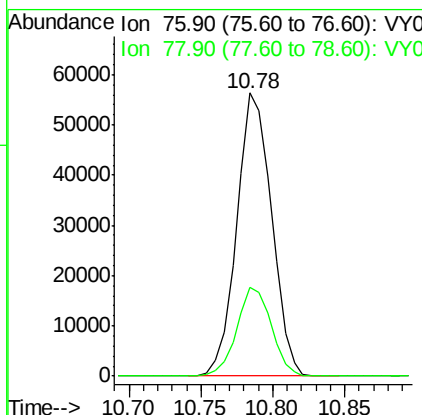
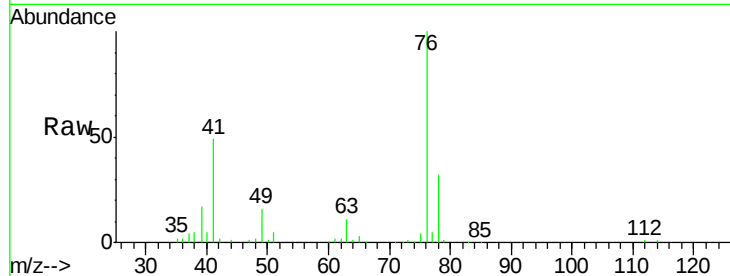




#57
 1,3-Dichloropropane
 Concen: 20.00 ug/l
 RT: 10.78 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

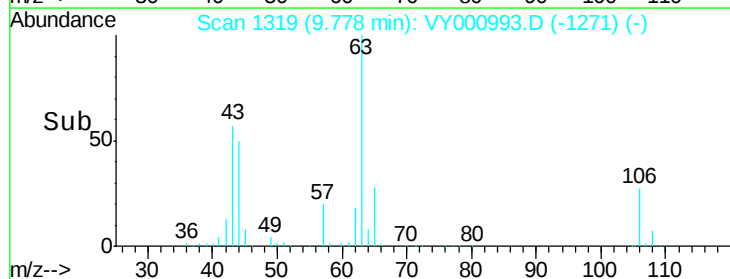
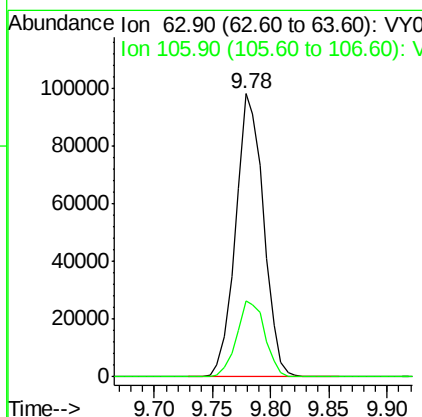
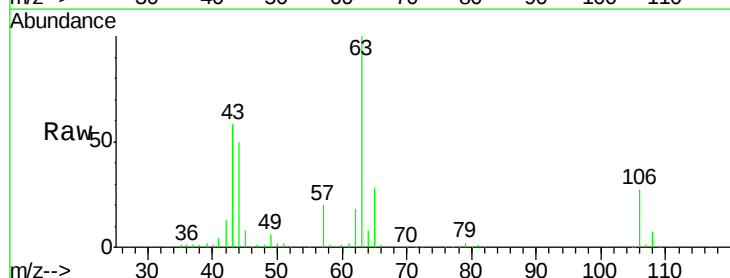
Instrument :
 MSVOA_Y
 ClientSampleId :

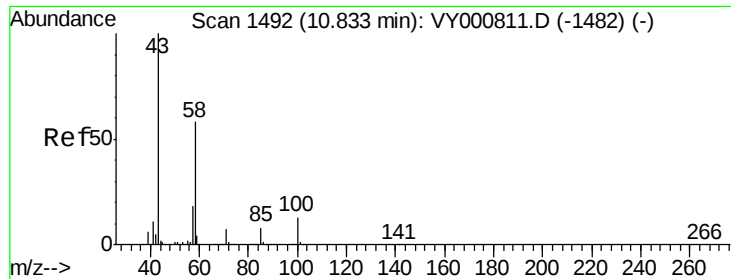
Tot Ion: 76 Resp: 94383
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.00 ug/l
 RT: 9.78 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion: 63 Resp: 164010
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.5 32.3

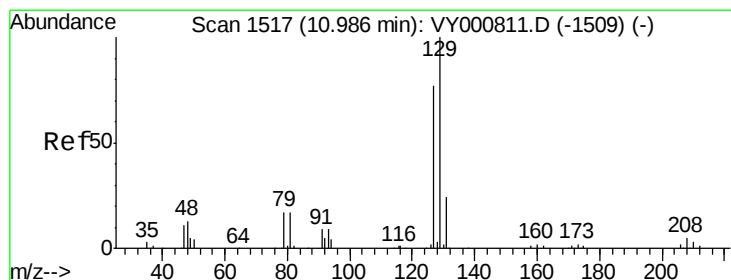
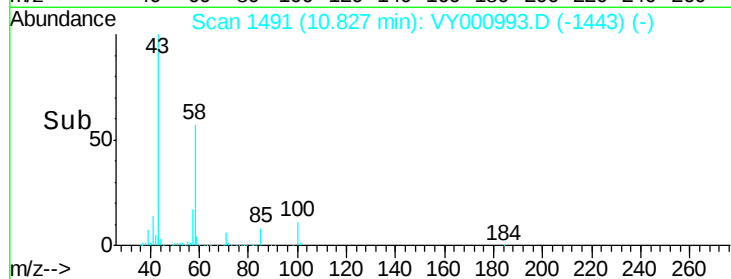
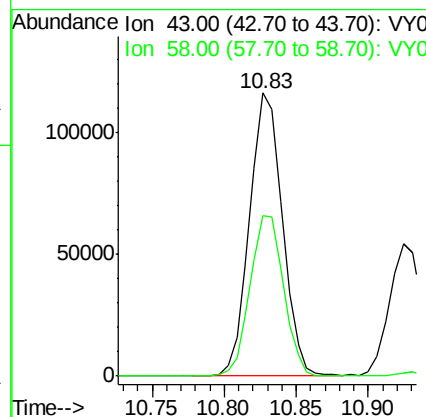
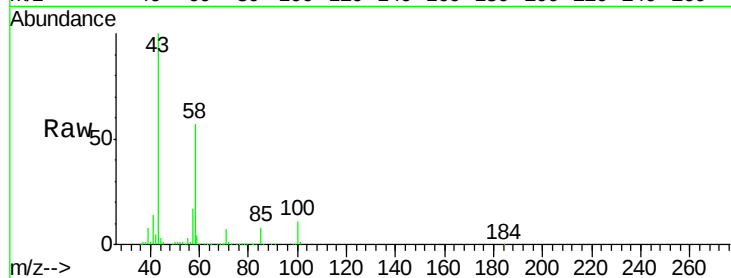




#59
2-Hexanone
Concen: 93.54 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

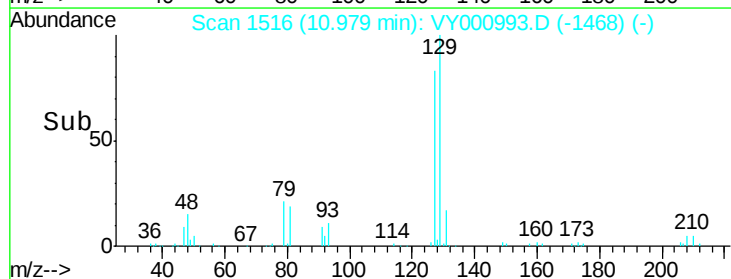
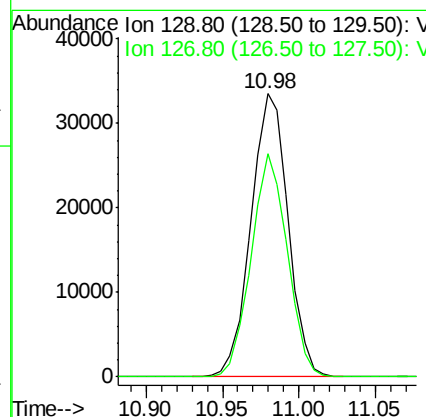
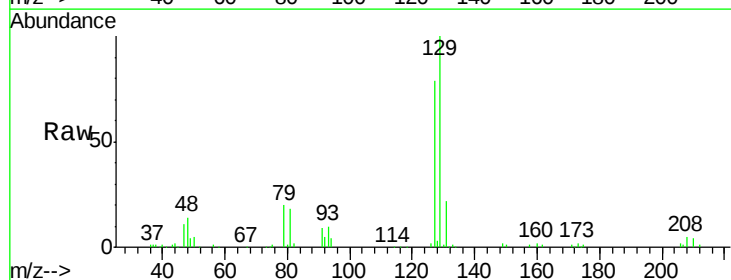
Instrument :
MSVOA_Y
ClientSampled :

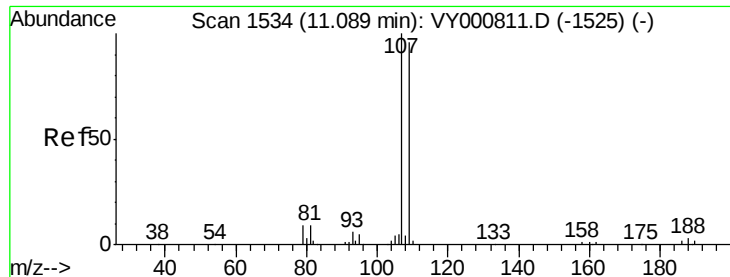
Tot Ion: 43 Resp: 183719
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1



#60
Dibromochloromethane
Concen: 19.40 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion: 129 Resp: 56562
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2

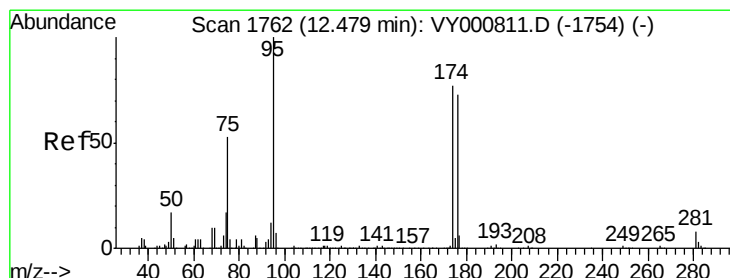
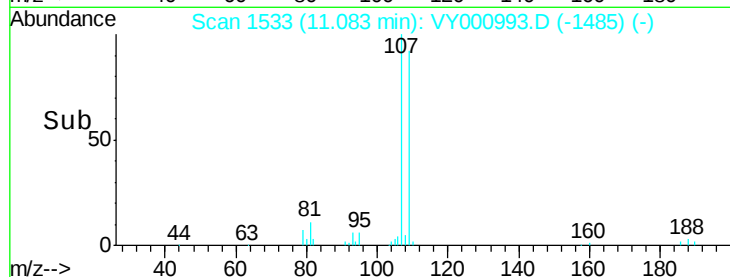
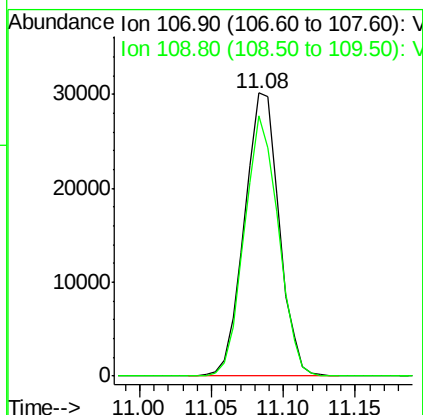
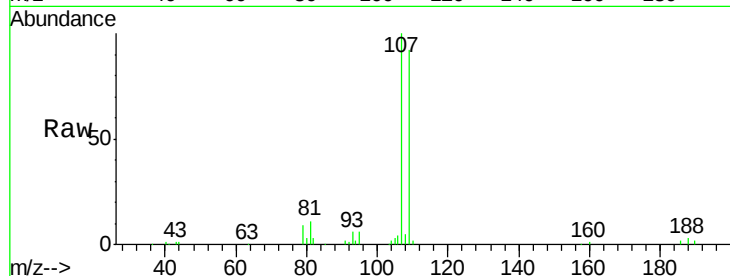




#61
 1,2-Dibromoethane
 Concen: 19.73 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

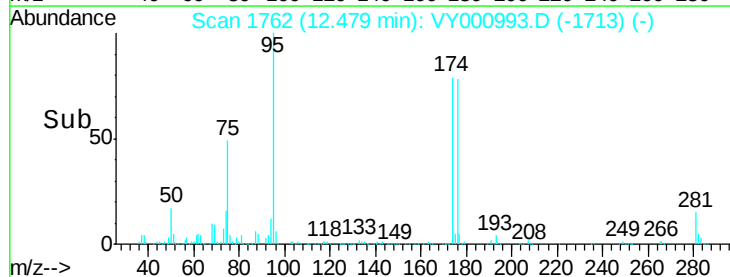
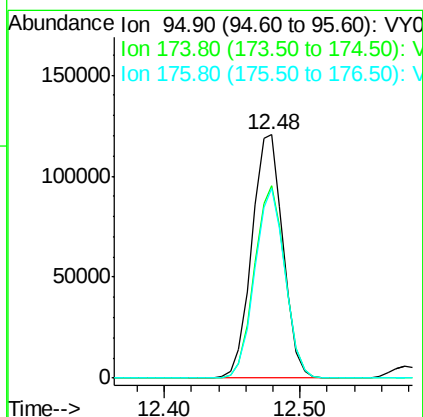
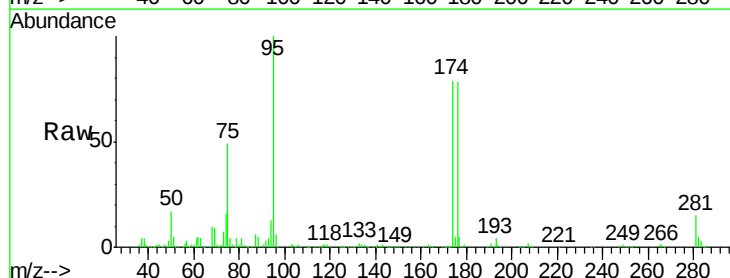
Instrument :
 MSVOA_Y
 ClientSampleId :

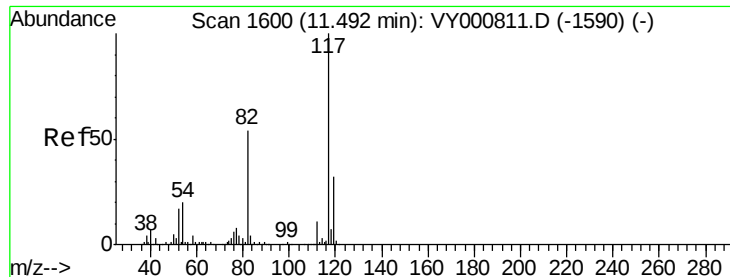
Tot Ion: 107 Resp: 50359
 Ion Ratio Lower Upper
 107 100
 109 89.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 45.94 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion: 95 Resp: 193853
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 150.6
 176 75.5 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: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

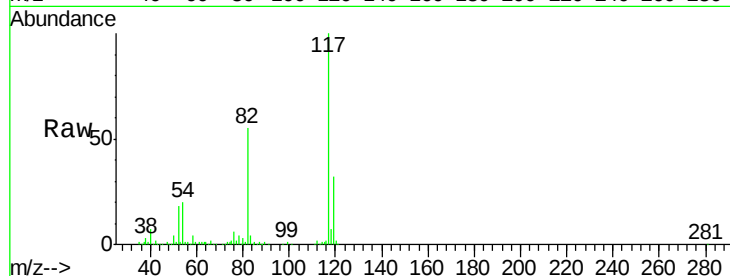
Tot Ion:117 Resp: 432300

Ion Ratio Lower Upper

117 100

82 54.9 43.1 64.7

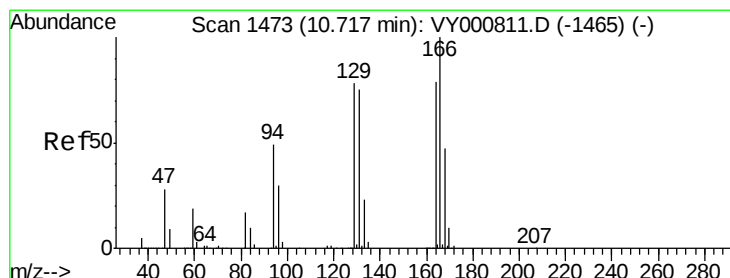
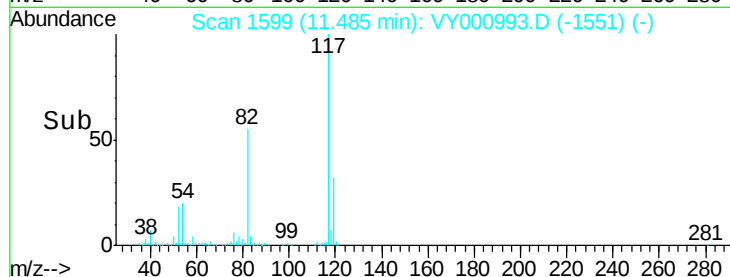
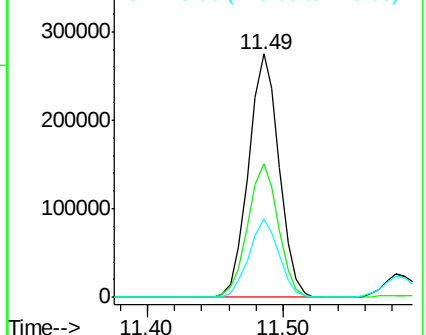
119 32.1 25.3 37.9



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: 20.33 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Tgt Ion:164 Resp: 76354

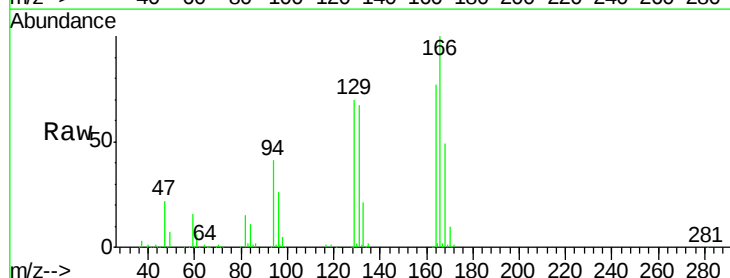
Ion Ratio Lower Upper

164 100

166 130.5 101.8 152.8

129 91.4 79.3 118.9

131 86.8 76.4 114.6

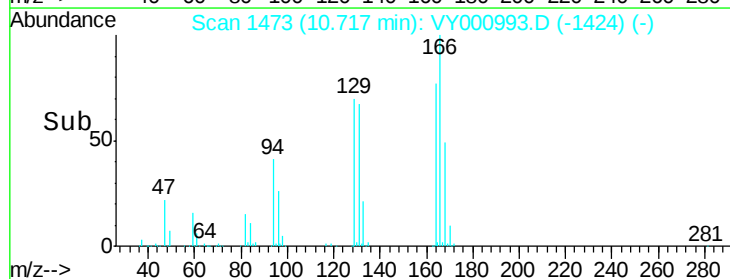
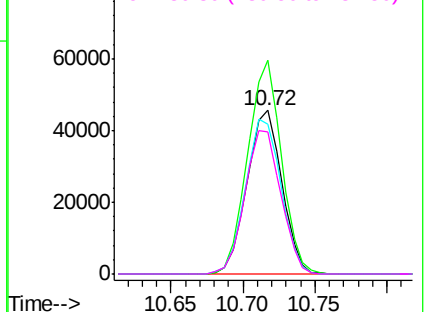


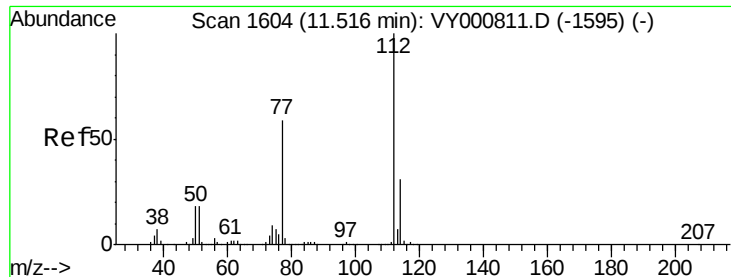
Abundance Ion 163.80 (163.50 to 164.50): V

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

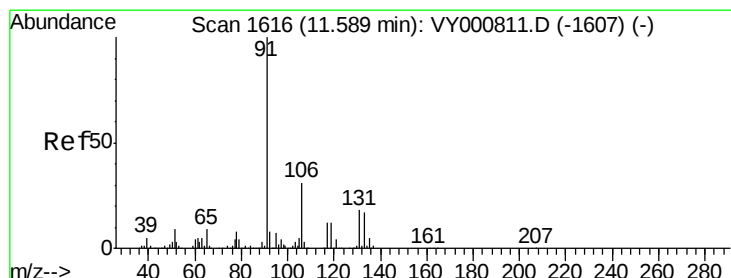
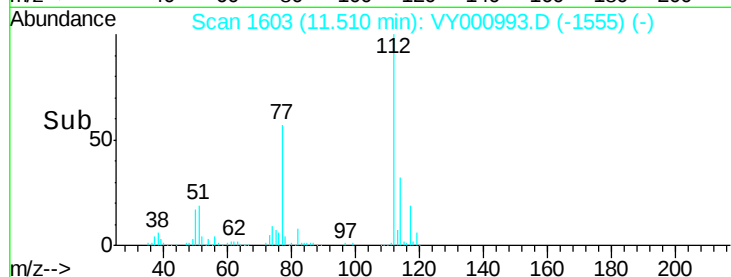
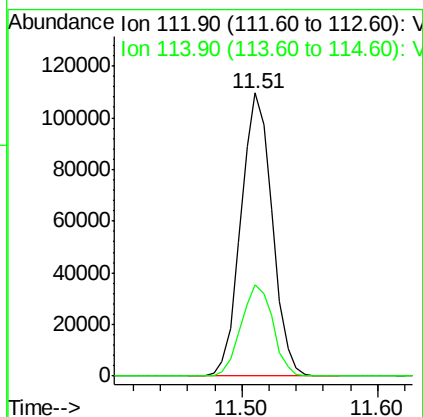
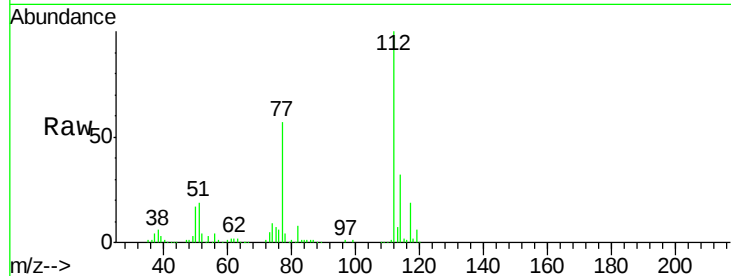




#65
Chlorobenzene
Concen: 19.61 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

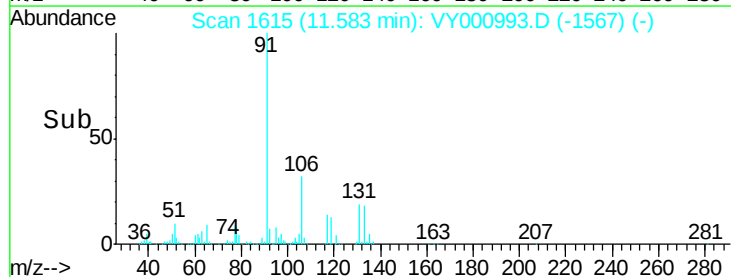
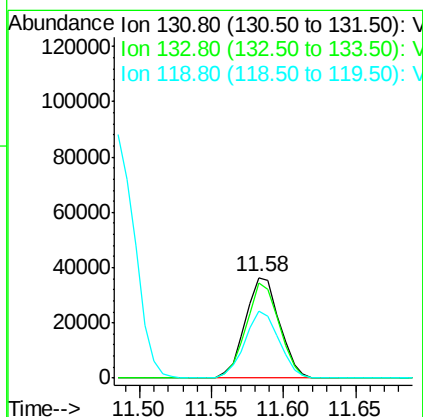
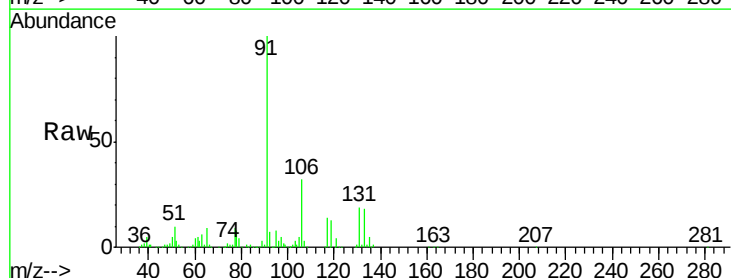
Instrument :
MSVOA_Y
ClientSampleId :

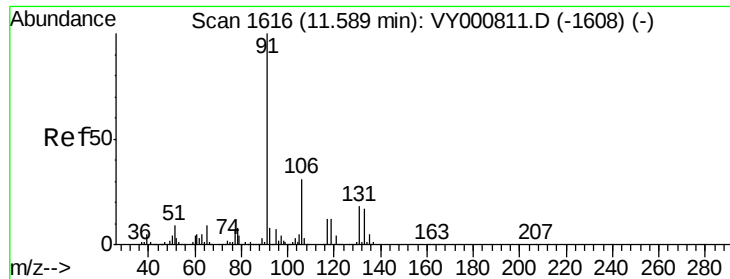
Tot Ion:112 Resp: 176209
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.83 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion:131 Resp: 60063
Ion Ratio Lower Upper
131 100
133 90.9 47.4 142.2
119 66.3 33.8 101.3





#67

Ethyl Benzene

Concen: 19.08 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

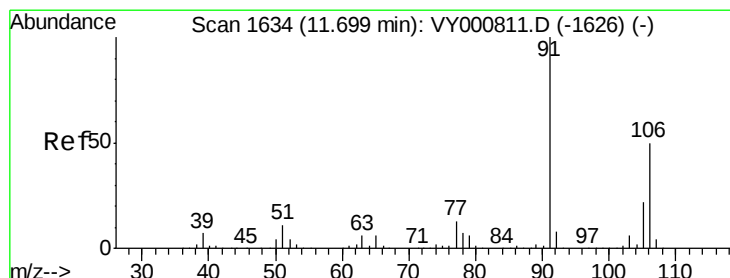
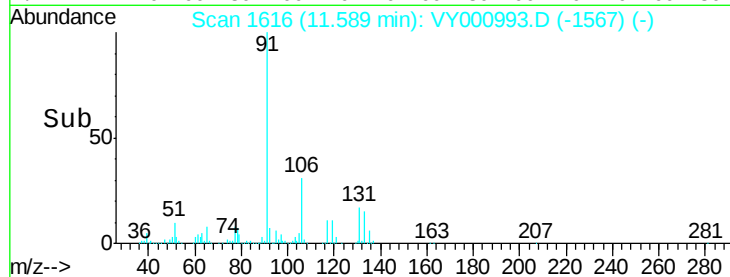
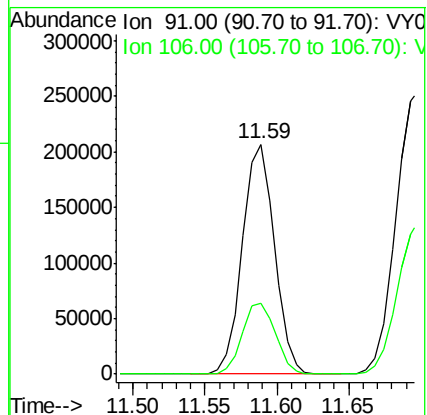
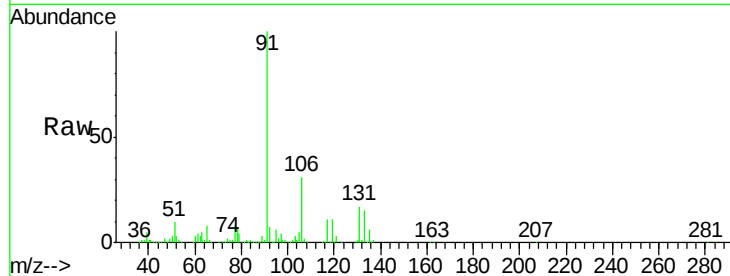
ClientSampled :

Tot Ion: 91 Resp: 319335

Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6



#68

m/p-Xylenes

Concen: 39.16 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000993.D

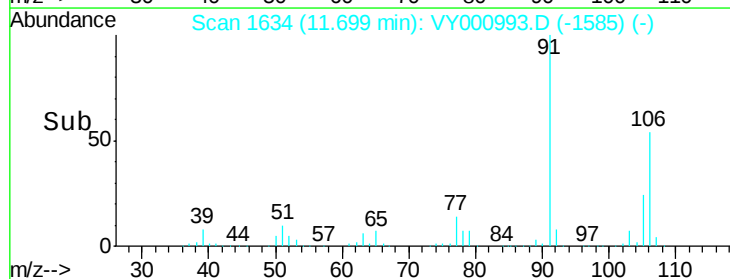
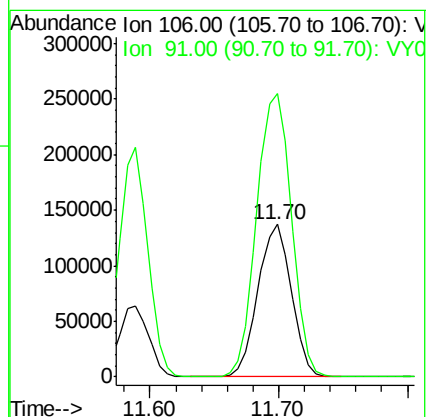
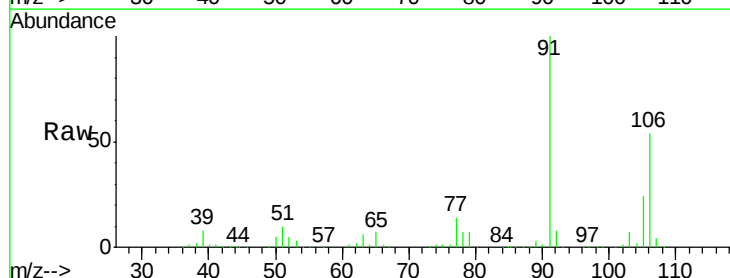
Acq: 18 Dec 2019 12:42

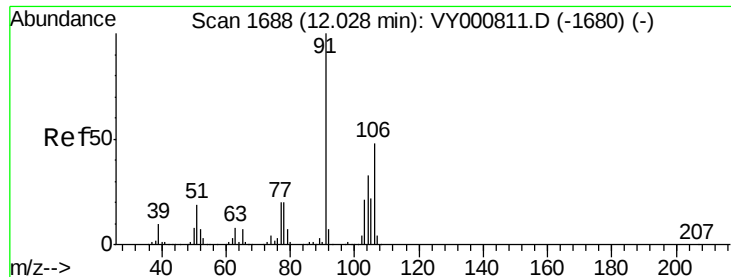
Tgt Ion: 106 Resp: 246014

Ion Ratio Lower Upper

106 100

91 193.7 159.6 239.4

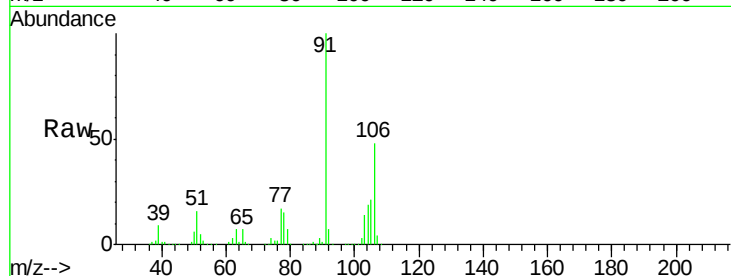




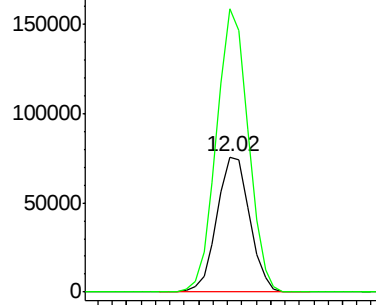
#69
o-Xylene
Concen: 20.35 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :

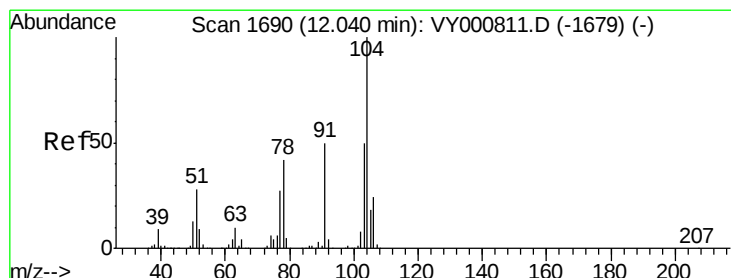
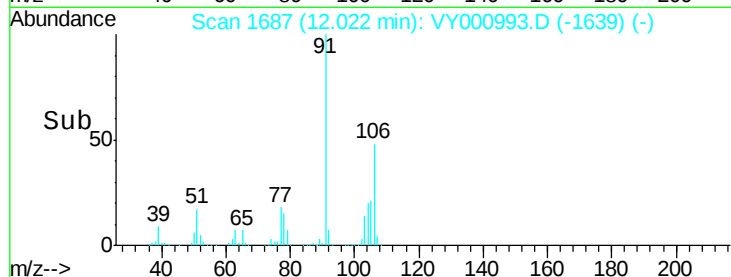
Tot Ion:106 Resp: 119181
Ion Ratio Lower Upper
106 100
91 203.1 106.1 318.1



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

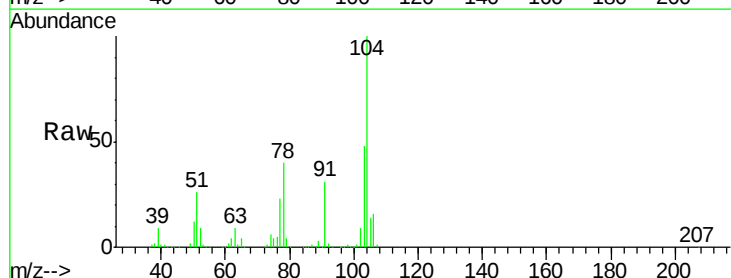


Time--> 11.95 12.00 12.05 12.10

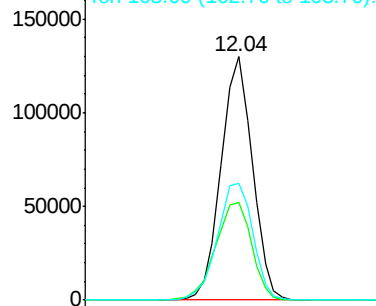


#70
Styrene
Concen: 19.51 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

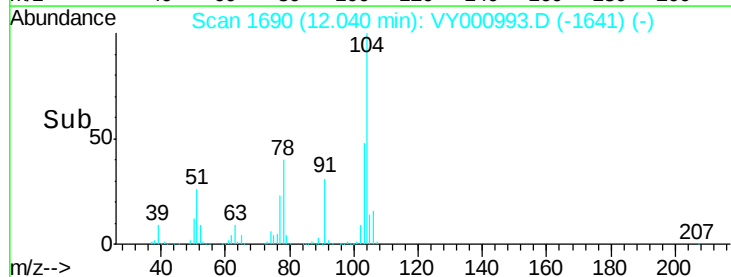
Tgt Ion:104 Resp: 195656
Ion Ratio Lower Upper
104 100
78 46.0 38.2 57.4
103 54.2 43.4 65.0

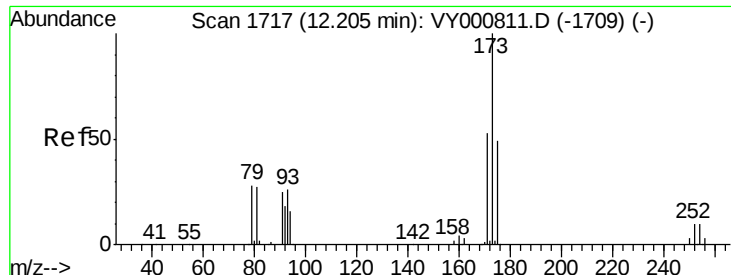


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time--> 11.95 12.00 12.05 12.10





#71

Bromoform

Concen: 18.91 ug/l

RT: 12.20 min Scan# 1716

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

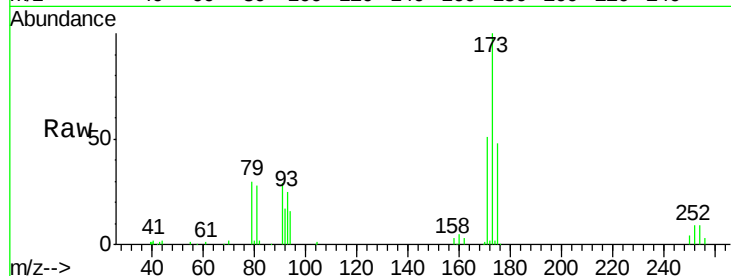
Tot Ion:173 Resp: 32301

Ion Ratio Lower Upper

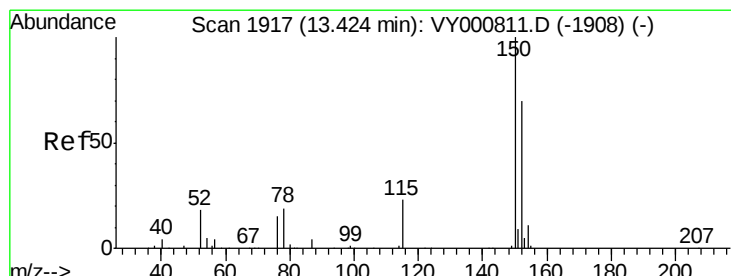
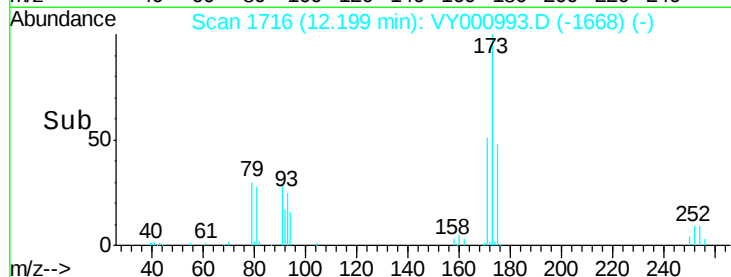
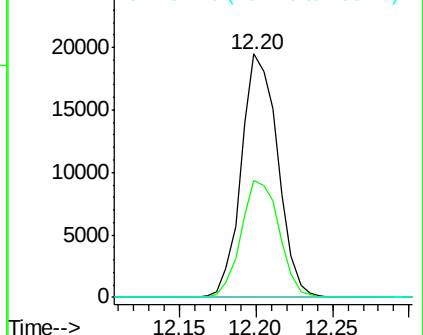
173 100

175 49.9 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# 1916

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

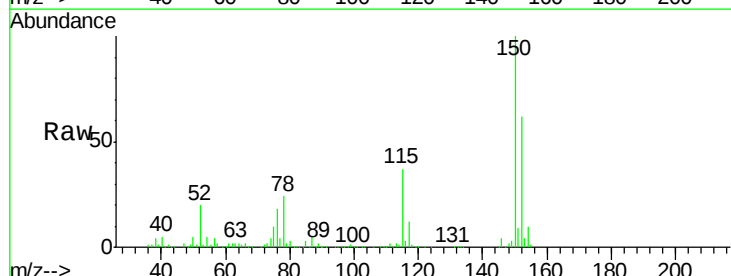
Tgt Ion:152 Resp: 202572

Ion Ratio Lower Upper

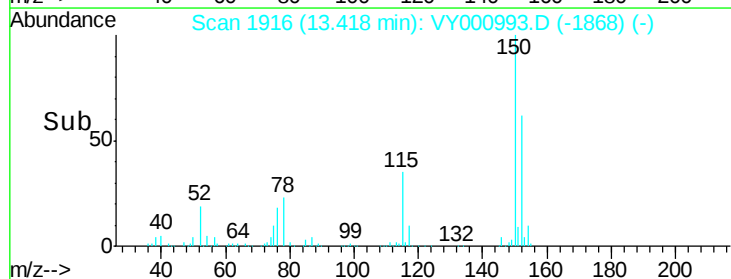
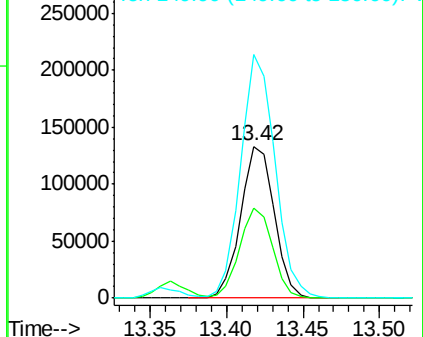
152 100

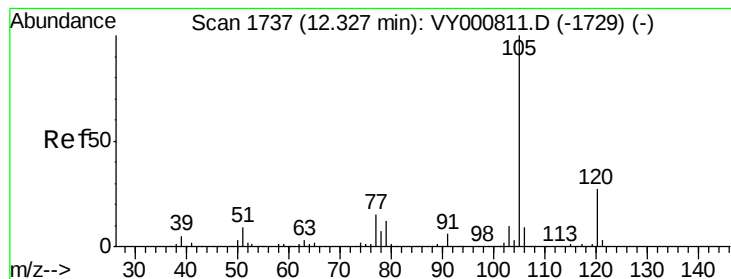
115 58.6 29.3 87.8

150 165.0 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.07 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

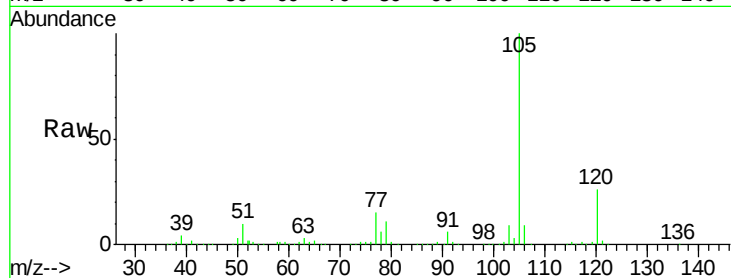
ClientSampleId :

Tot Ion: 105 Resp: 307634

Ion Ratio Lower Upper

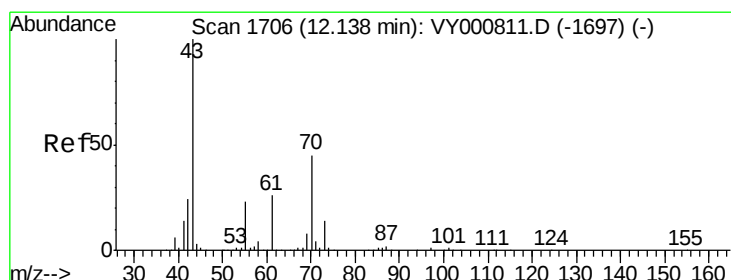
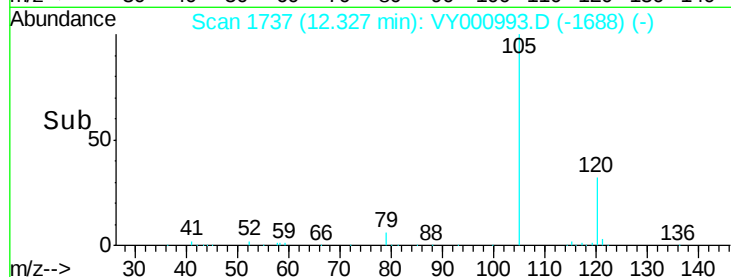
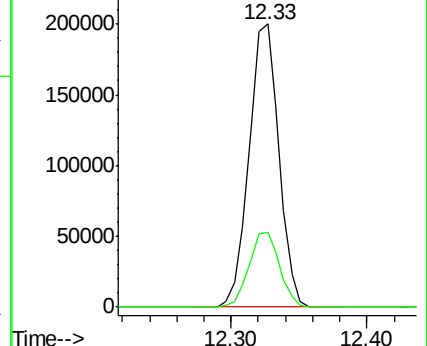
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.61 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Tgt Ion: 43 Resp: 83532

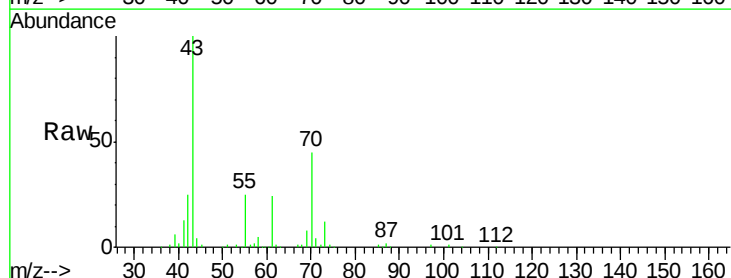
Ion Ratio Lower Upper

43 100

70 46.5 36.6 54.8

55 25.0 18.8 28.2

61 25.6 21.0 31.6

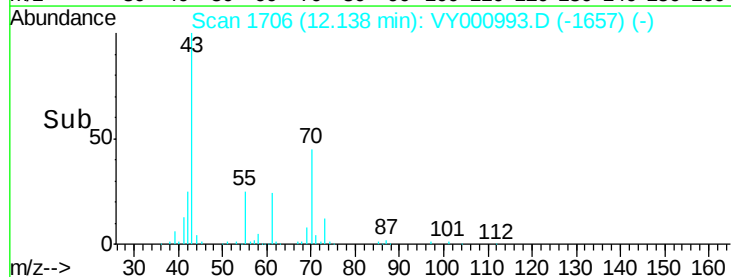
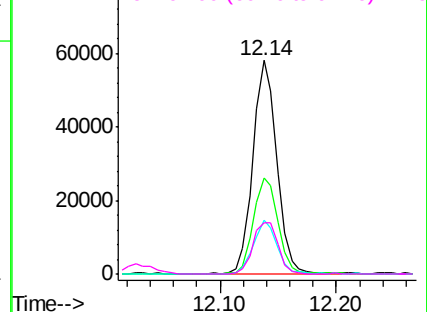


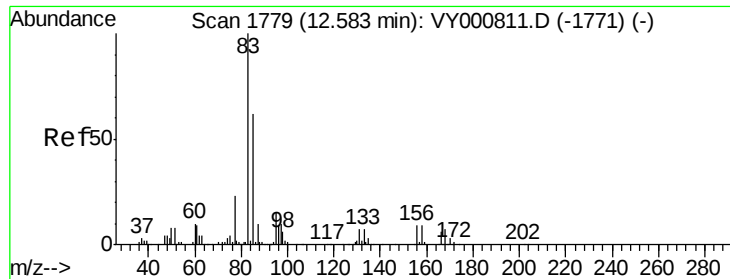
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.10 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

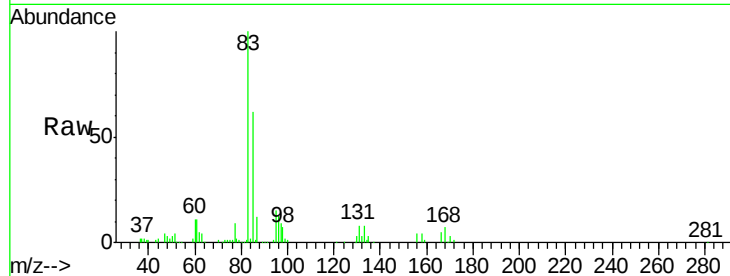
Tot Ion: 83 Resp: 60705

Ion Ratio Lower Upper

83 100

131 9.5 4.3 13.1

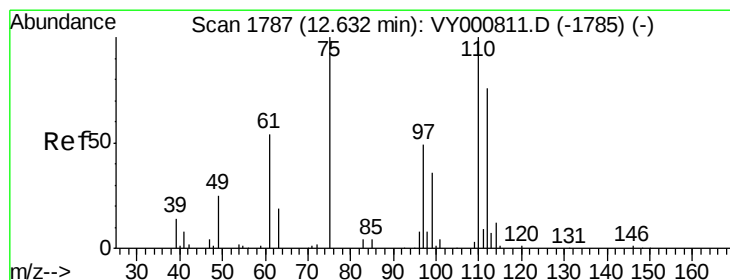
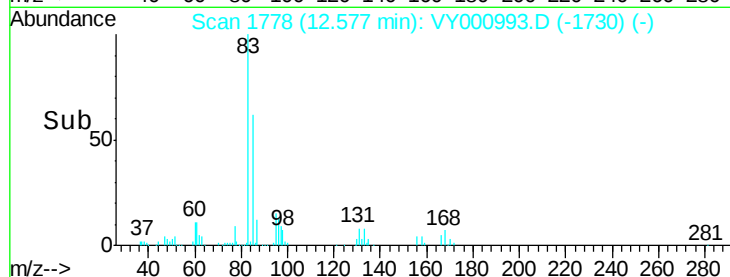
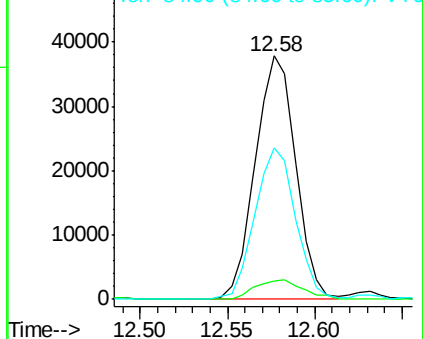
85 62.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 36.33 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY000993.D

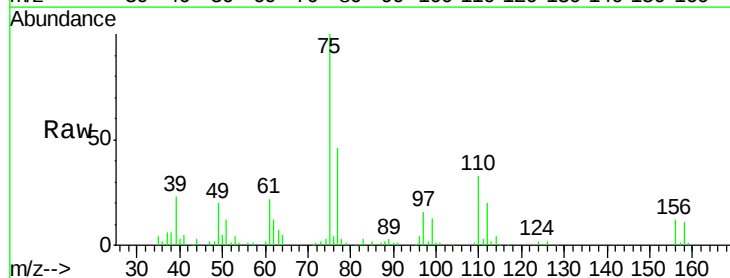
Acq: 18 Dec 2019 12:42

Tgt Ion: 75 Resp: 83393

Ion Ratio Lower Upper

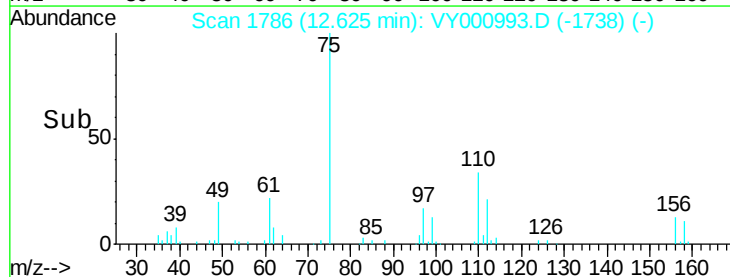
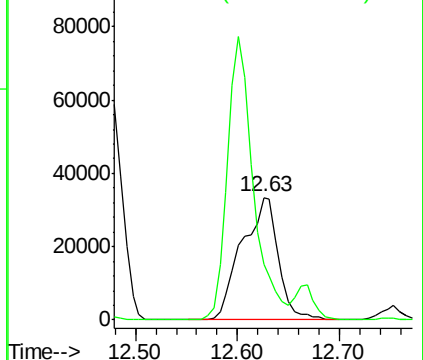
75 100

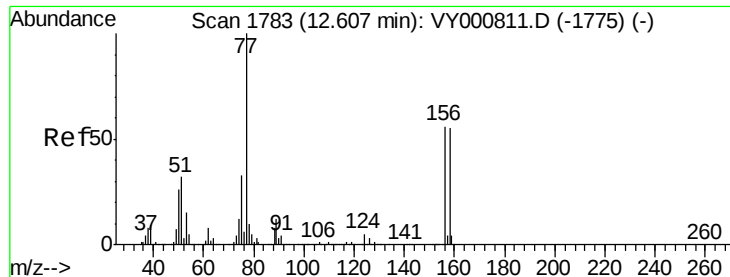
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.63 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampled :

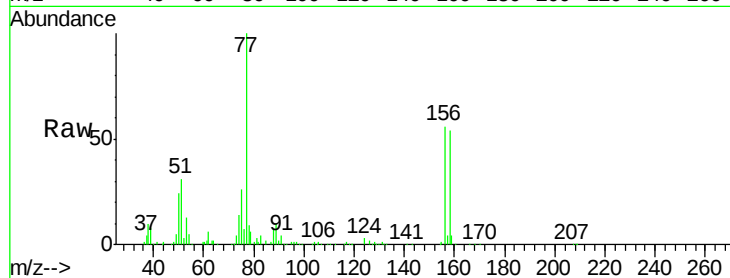
Tot Ion:156 Resp: 68618

Ion Ratio Lower Upper

156 100

77 199.1 102.6 307.7

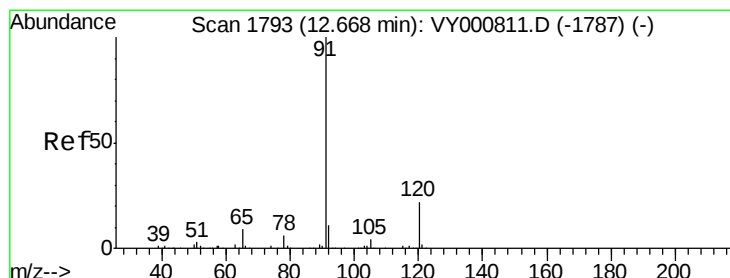
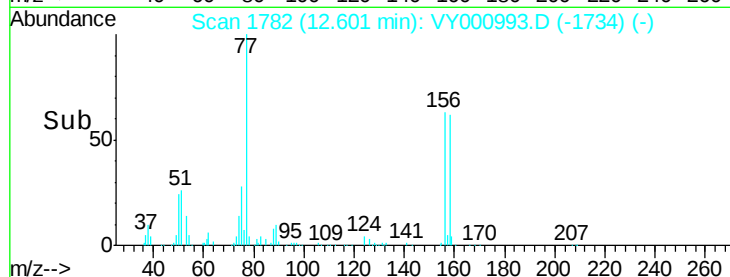
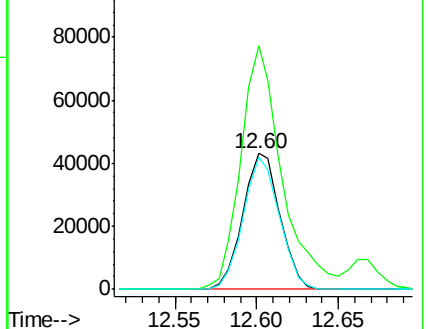
158 94.8 47.6 142.8



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: 19.03 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000993.D

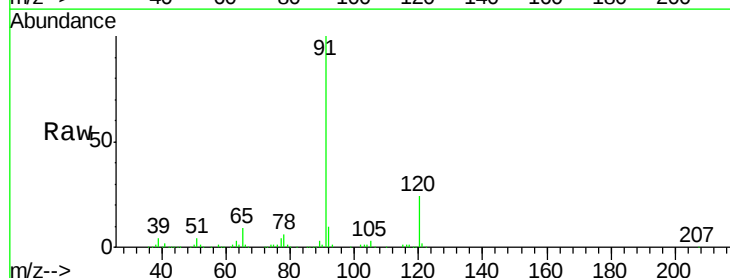
Acq: 18 Dec 2019 12:42

Tgt Ion: 91 Resp: 374871

Ion Ratio Lower Upper

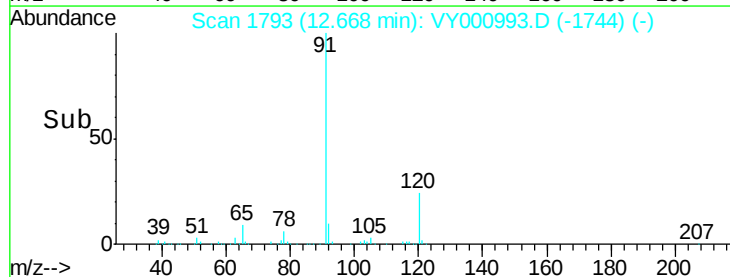
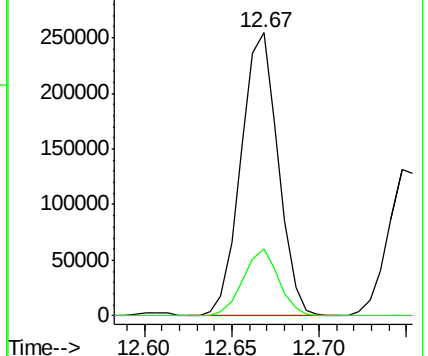
91 100

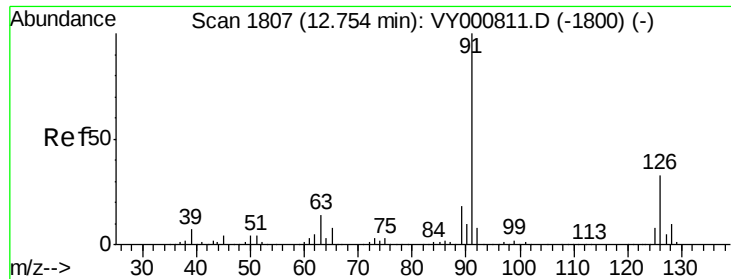
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

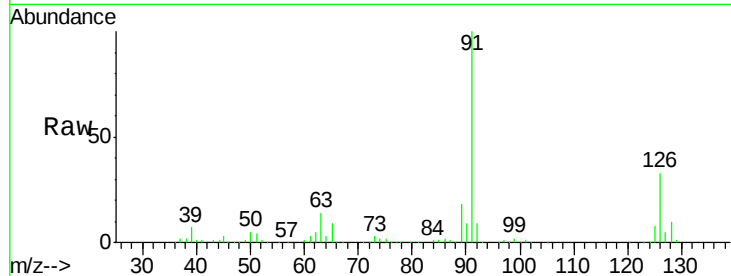




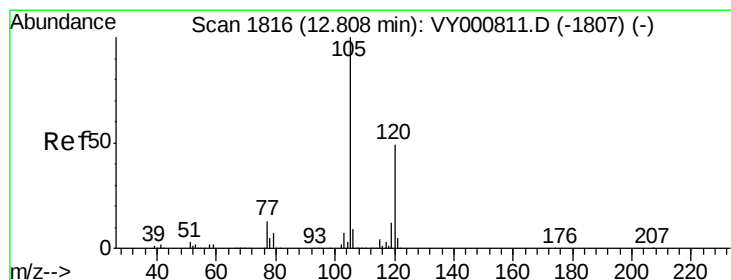
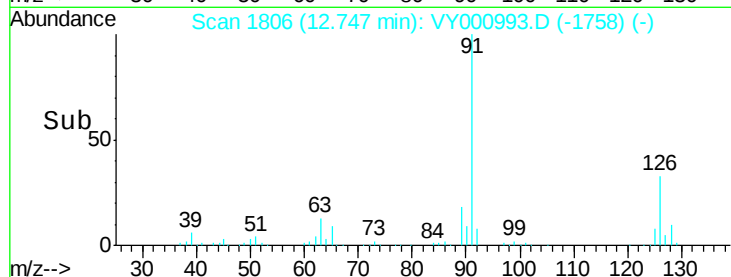
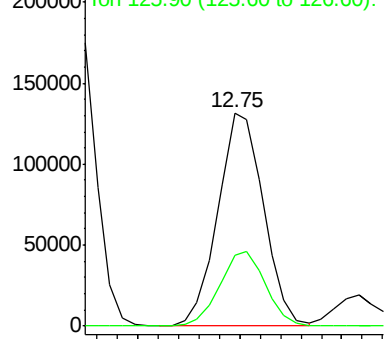
#79
 2-Chlorotoluene
 Concen: 18.83 ug/l
 RT: 12.75 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 91 Resp: 204920
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.0 51.0

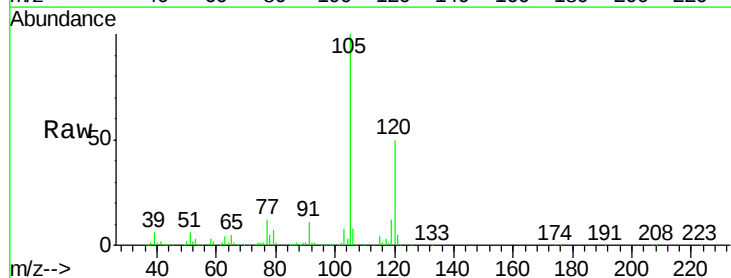


Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)
 Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

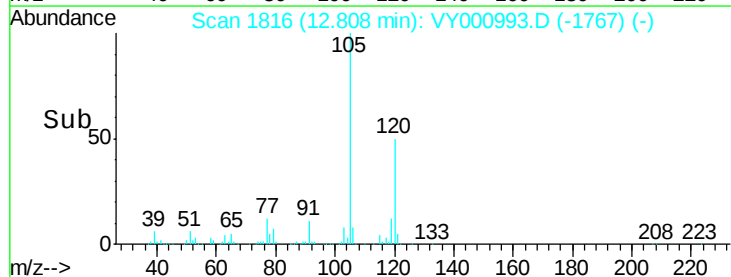
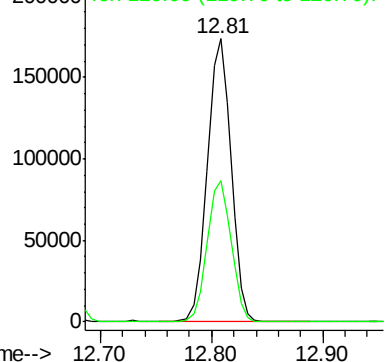


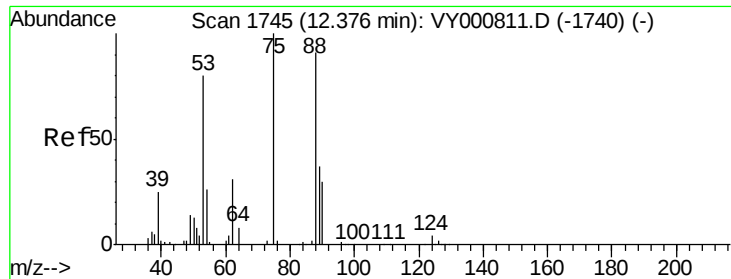
#80
 1,3,5-Trimethylbenzene
 Concen: 19.21 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion: 105 Resp: 256523
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.6 74.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.79 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

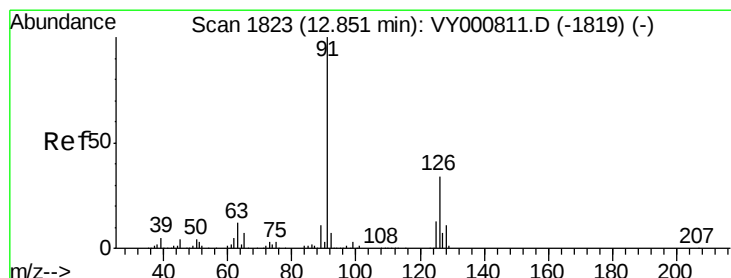
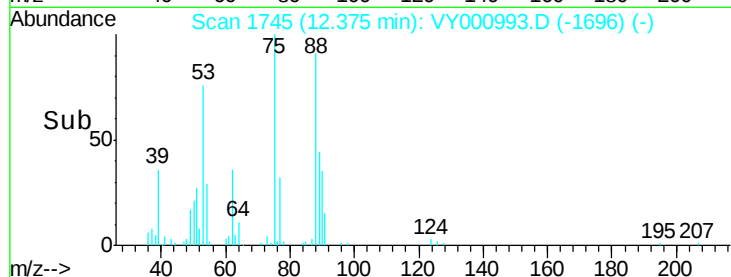
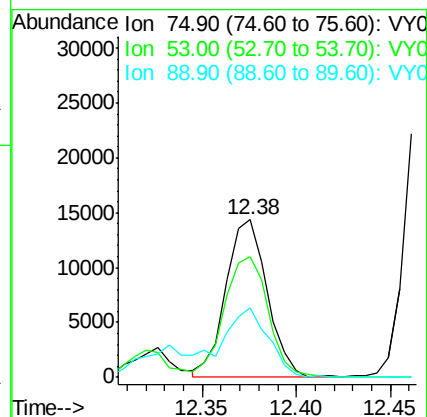
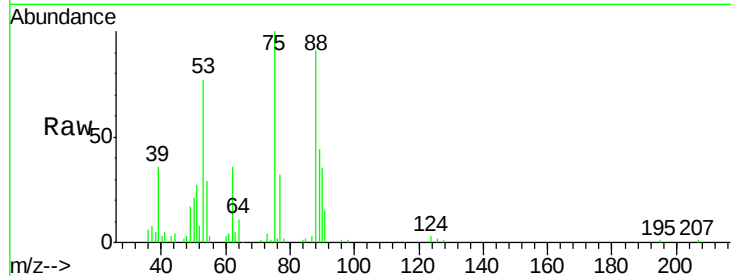
Tot Ion: 75 Resp: 21950

Ion Ratio Lower Upper

75 100

53 81.2 64.6 96.8

89 49.1 33.6 50.4



#82

4-Chlorotoluene

Concen: 19.24 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000993.D

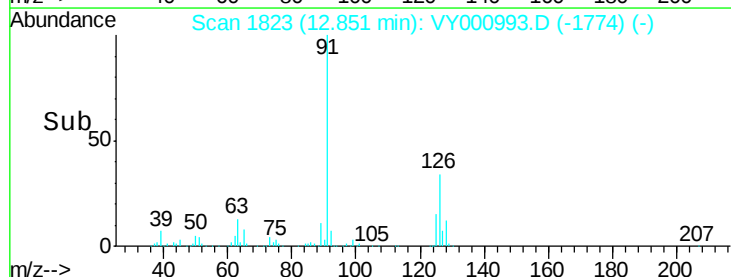
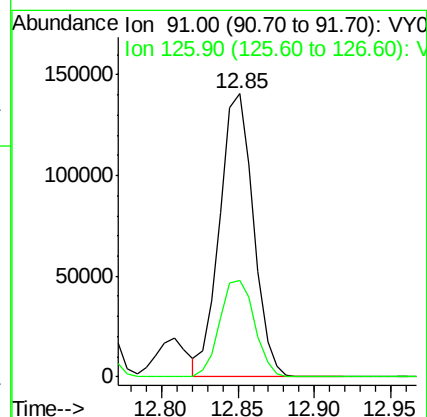
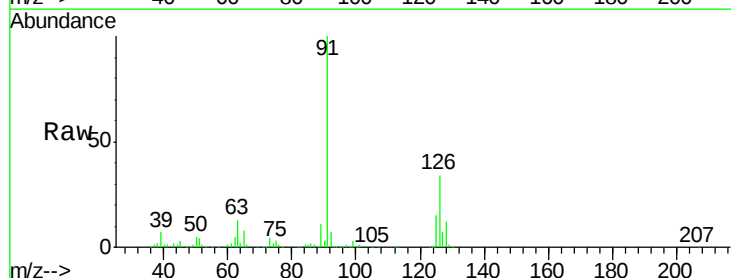
Acq: 18 Dec 2019 12:42

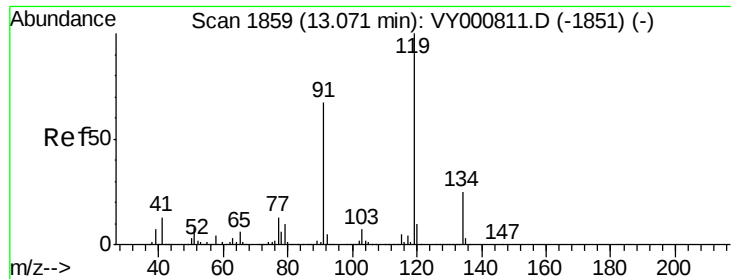
Tgt Ion: 91 Resp: 215652

Ion Ratio Lower Upper

91 100

126 35.4 17.3 51.9

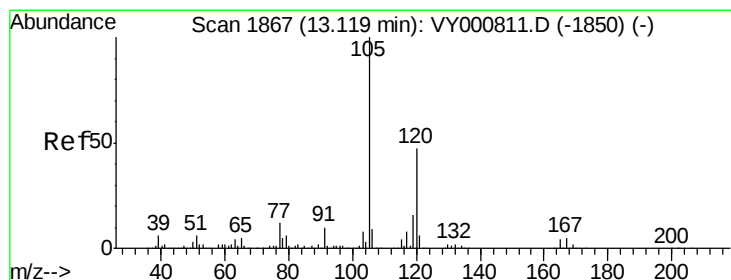
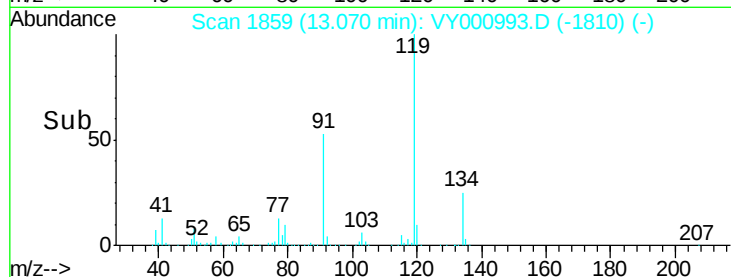
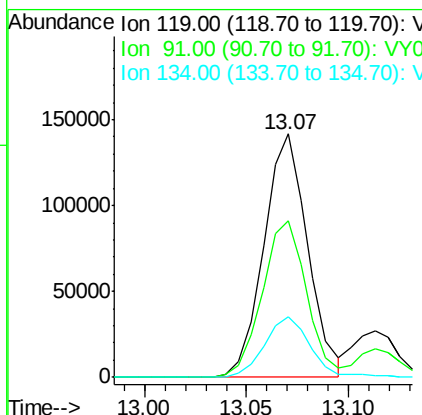
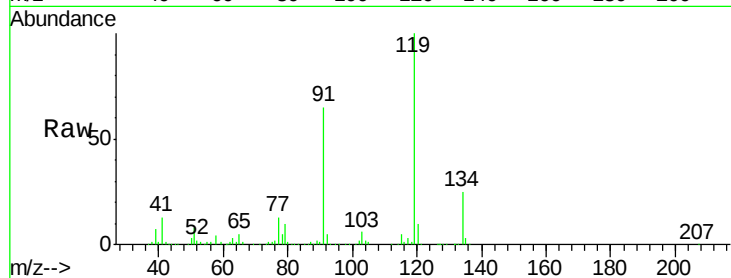




#83
 tert-Butylbenzene
 Concen: 18.88 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

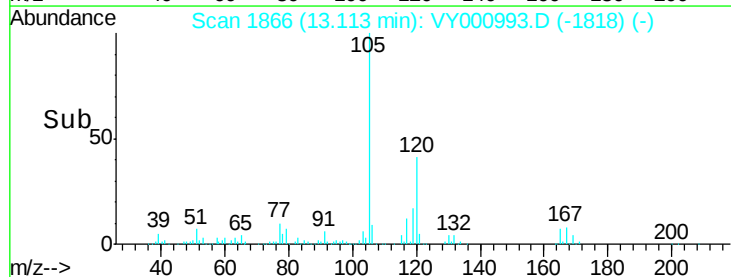
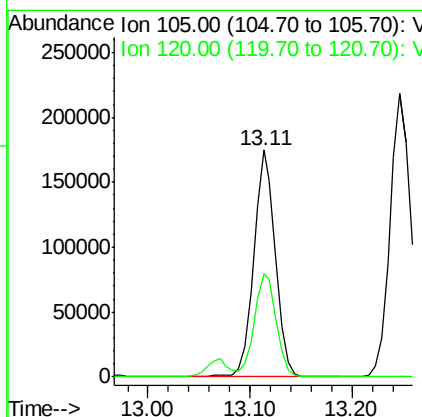
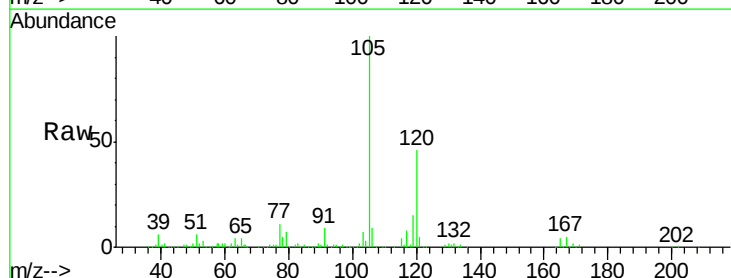
Instrument :
 MSVOA_Y
 ClientSampled :

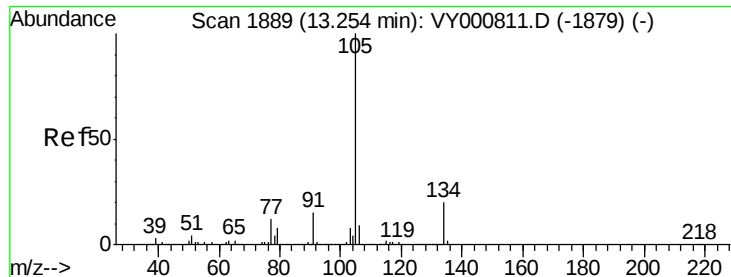
Tot Ion:119 Resp: 211989
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.3 96.8
 134 26.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.32 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion:105 Resp: 258095
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 18.98 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

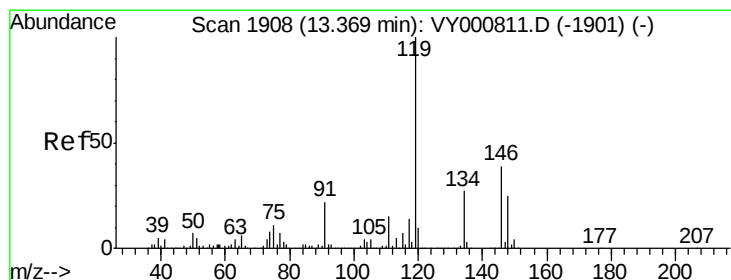
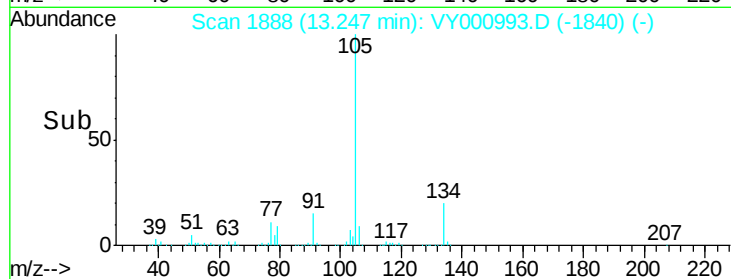
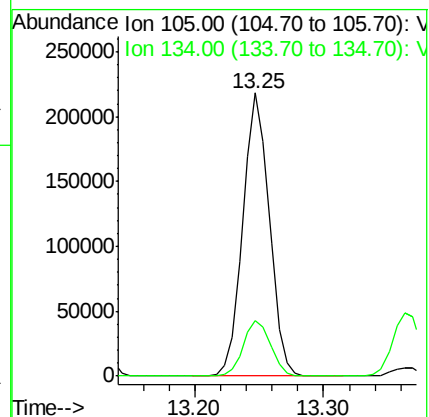
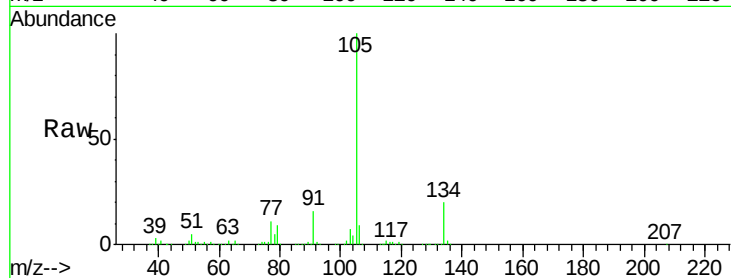
ClientSampled :

Tot Ion:105 Resp: 309909

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.63 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

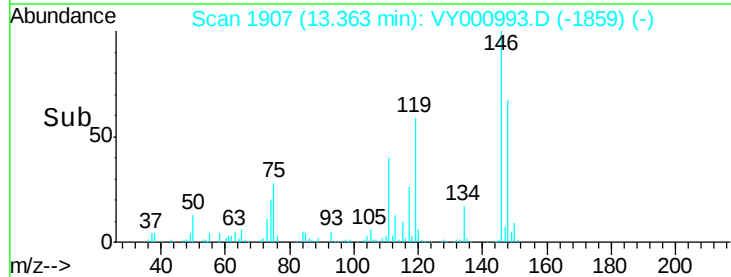
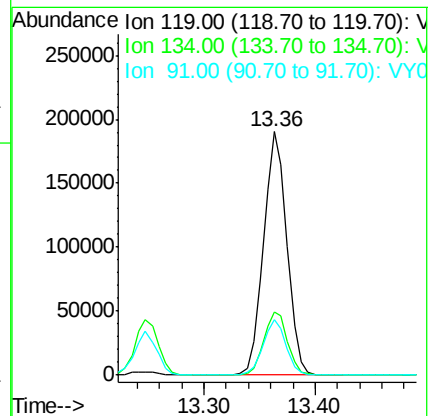
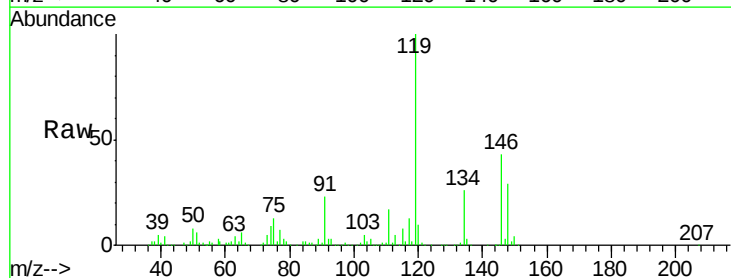
Tgt Ion:119 Resp: 278755

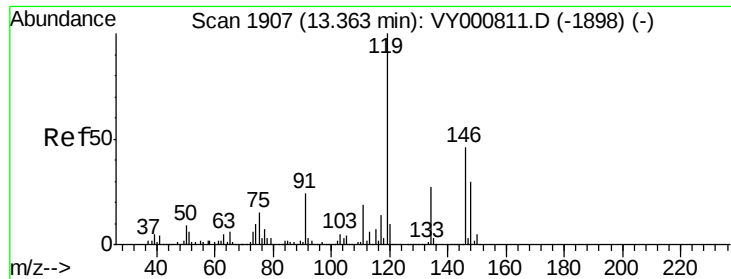
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 22.4 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.49 ug/l

RT: 13.36 min Scan# 1906

Delta R.T. -0.01 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

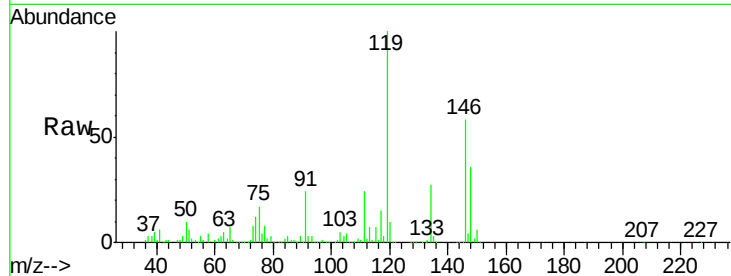
Tot Ion:146 Resp: 133673

Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

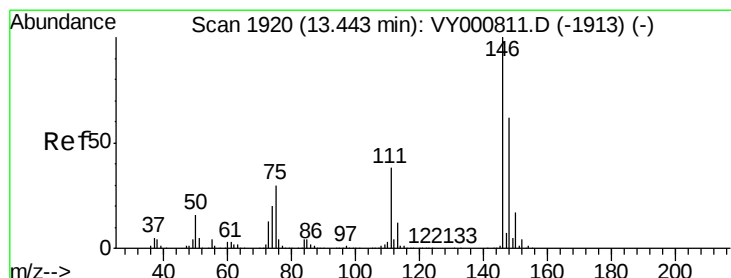
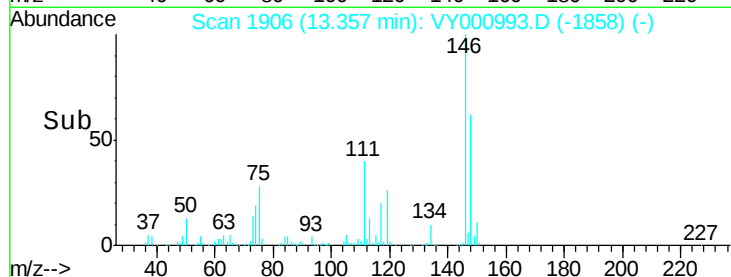
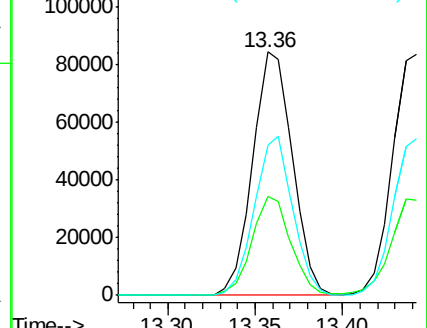
148 62.7 32.1 96.5



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: 19.84 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000993.D

Acq: 18 Dec 2019 12:42

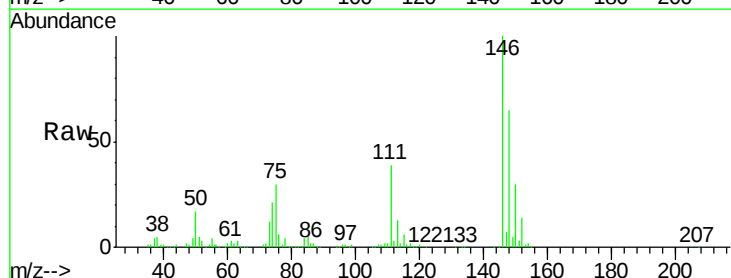
Tgt Ion:146 Resp: 134751

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

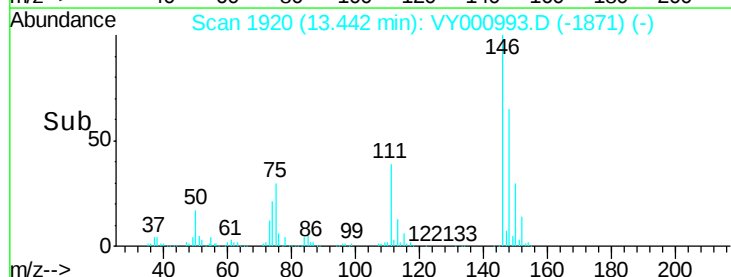
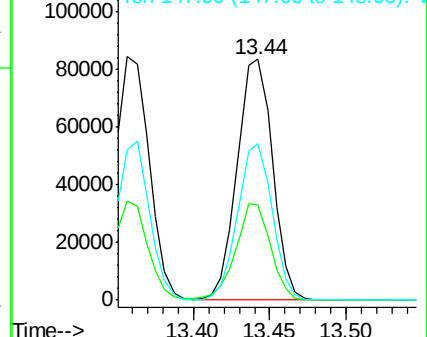
148 63.4 31.7 95.1

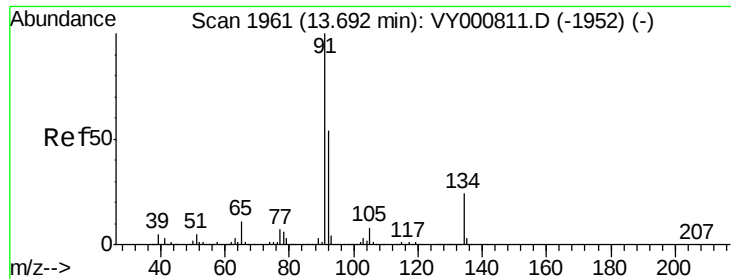


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

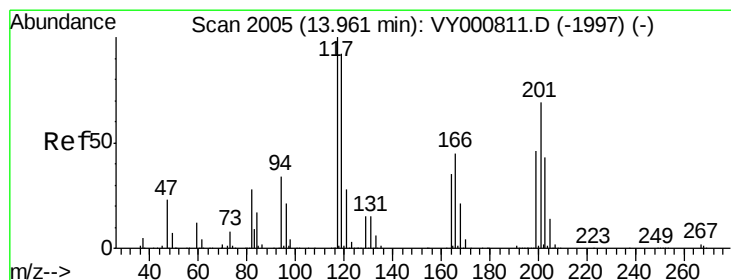
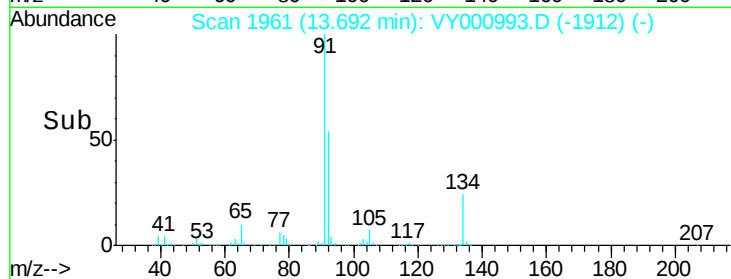
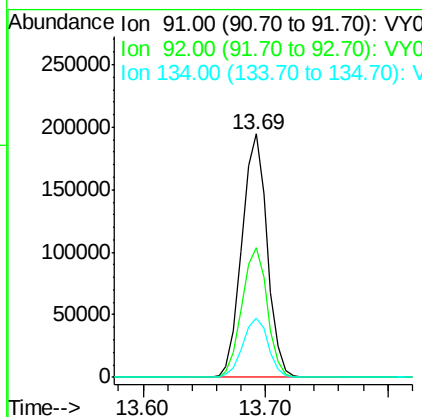
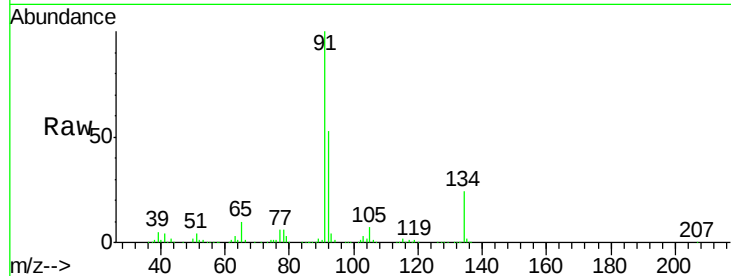




#89
n-Butylbenzene
Concen: 19.33 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

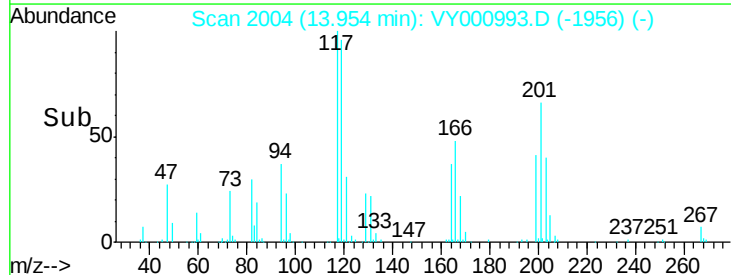
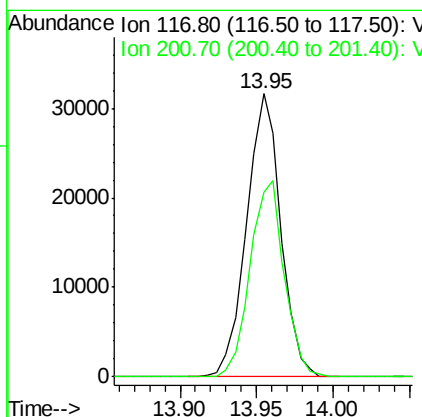
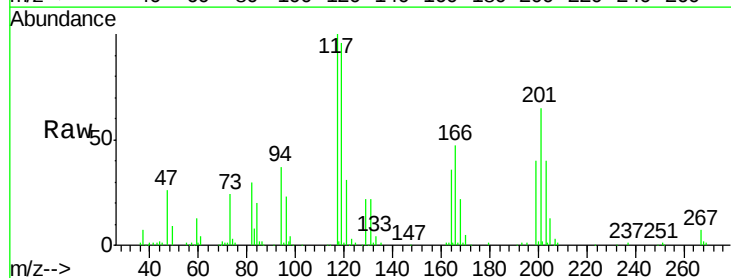
Instrument :
MSVOA_Y
ClientSampled :

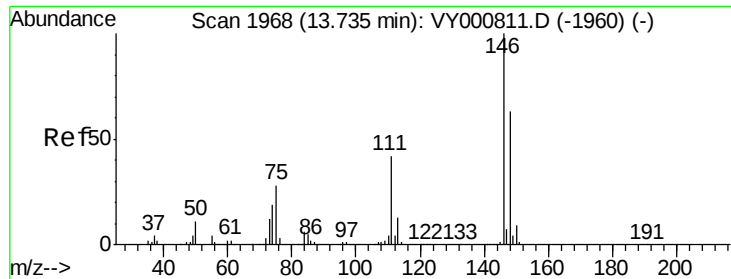
Tot Ion: 91 Resp: 277587
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 24.7 12.6 37.6



#90
Hexachloroethane
Concen: 18.73 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion: 117 Resp: 49016
Ion Ratio Lower Upper
117 100
201 69.4 34.0 102.0

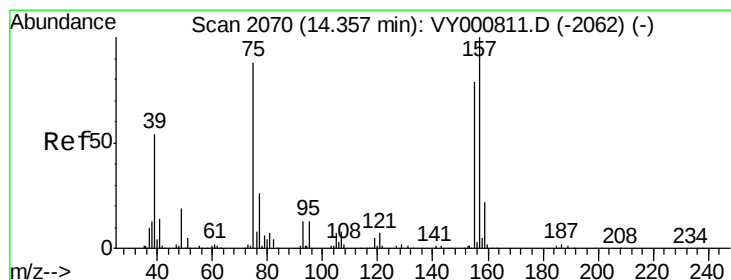
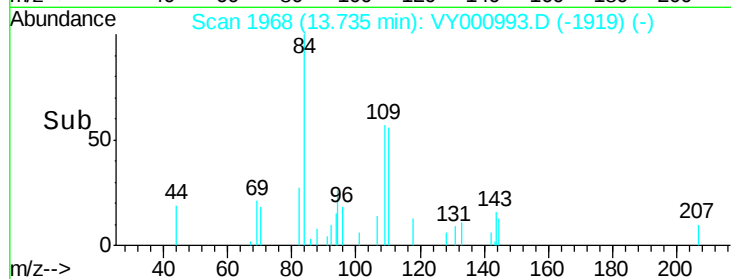
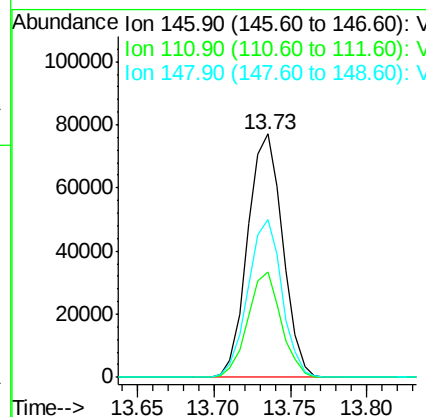
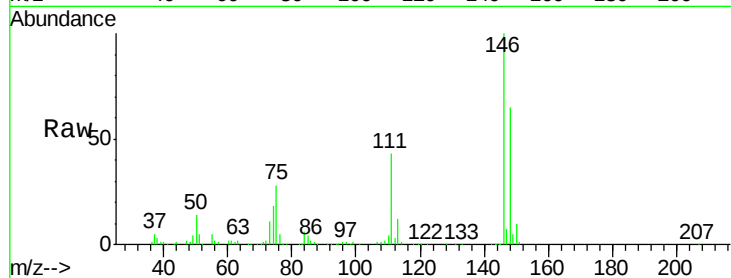




#91
 1,2-Dichlorobenzene
 Concen: 19.92 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

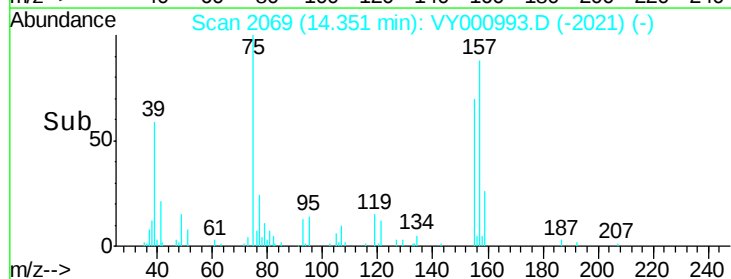
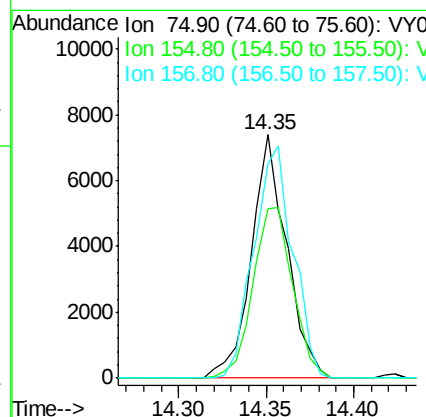
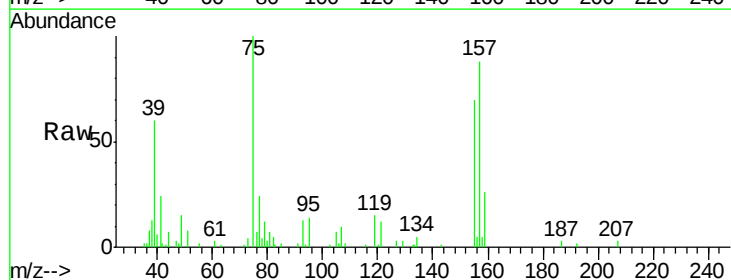
Instrument :
 MSVOA_Y
 ClientSampled :

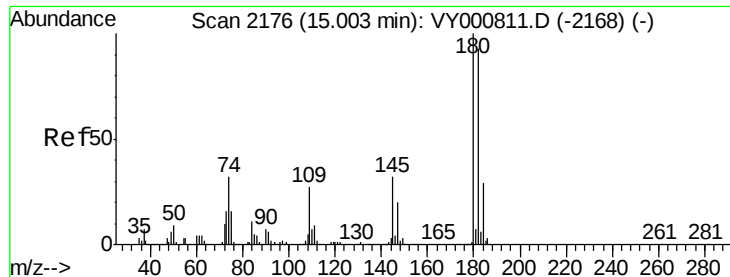
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.7
148	62.9	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.45 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	44.3	132.9
157	105.9	56.3	168.9

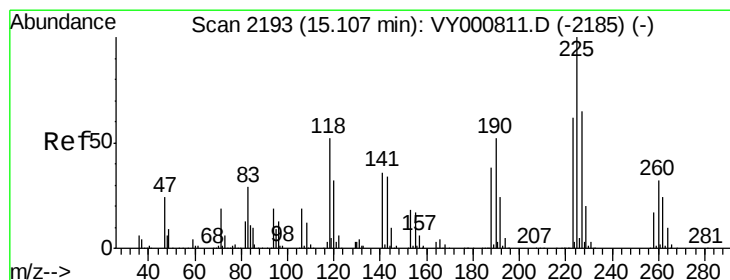
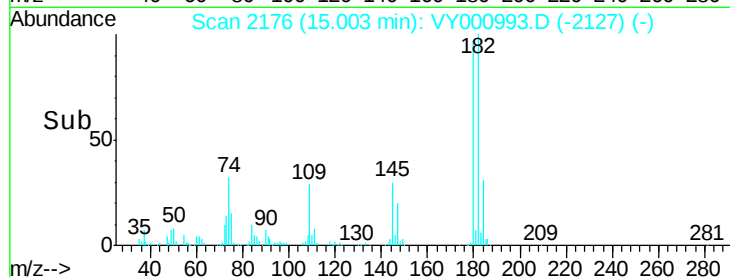
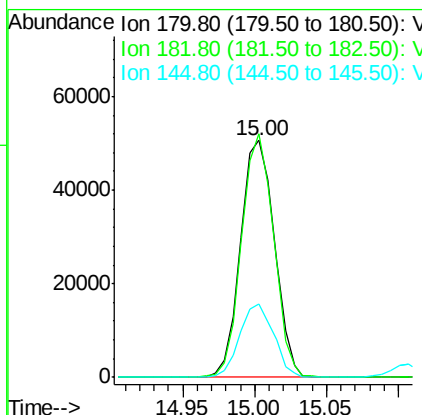
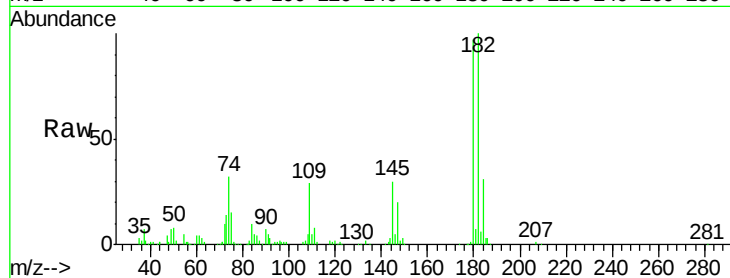




#93
 1,2,4-Trichlorobenzene
 Concen: 19.76 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

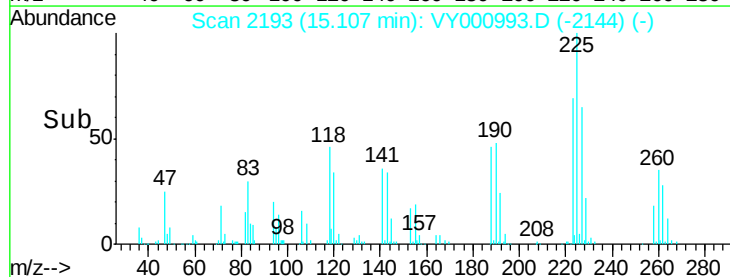
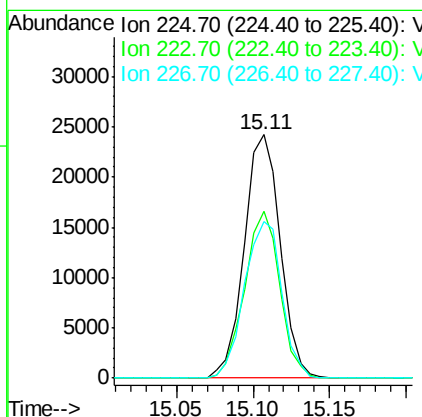
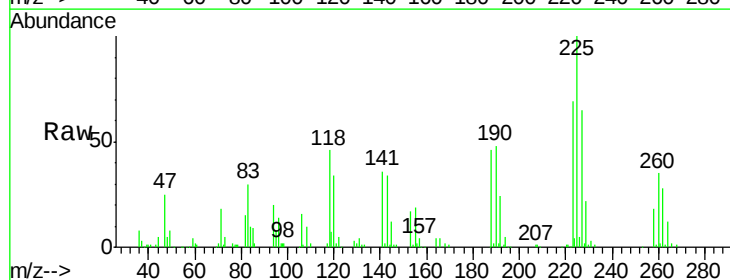
Instrument :
 MSVOA_Y
 ClientSampleId :

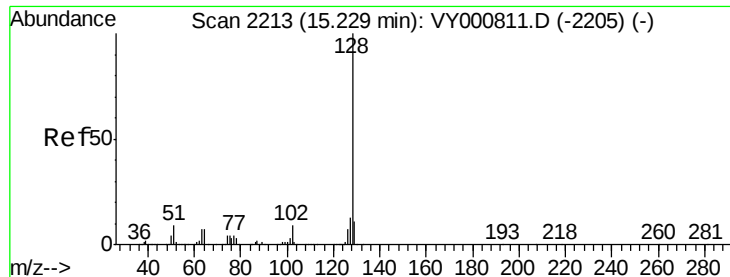
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.3	141.9
145	31.1	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 19.15 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000993.D
 Acq: 18 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	31.4	94.3
227	66.9	31.8	95.3

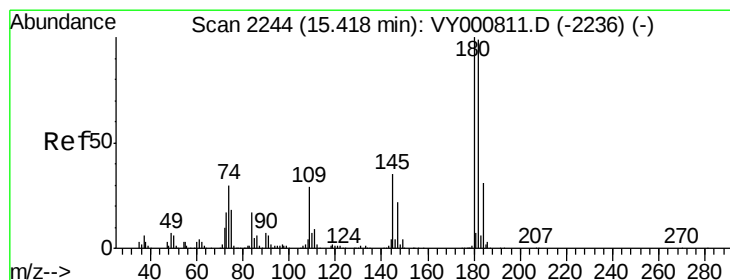
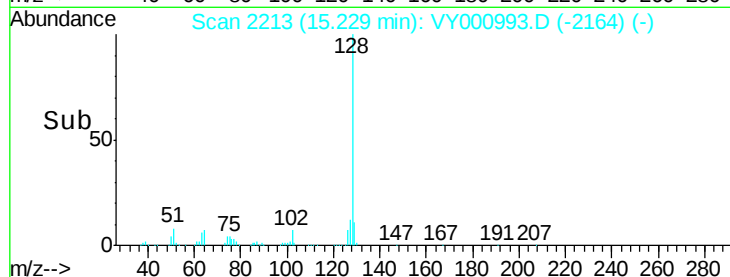
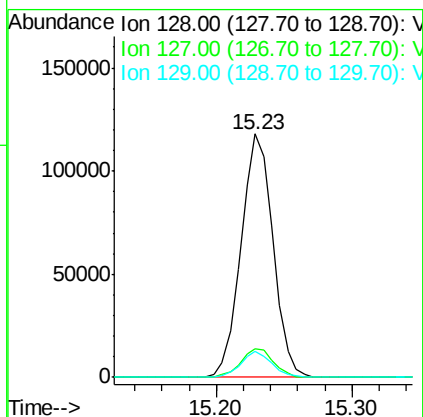
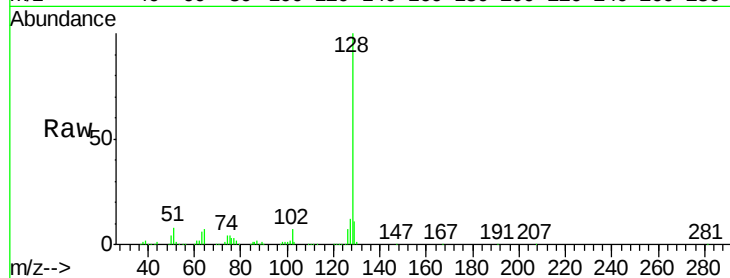




#95
Naphthalene
Concen: 19.95 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 193341
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.27 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000993.D
Acq: 18 Dec 2019 12:42

Tgt Ion:180 Resp: 75587
Ion Ratio Lower Upper
180 100
182 91.8 48.0 144.0
145 30.9 16.9 50.6

