

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022420\
 Data File : VY001761.D
 Acq On : 24 Feb 2020 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 24 13:34:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	198330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	360579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	320269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	148073	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	100992	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	7.74	113	96838	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	10.19	98	405808	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.49	95	145164	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	97568	50.47	ug/l	99
3) Chloromethane	2.13	50	127071	48.87	ug/l	98
4) Vinyl Chloride	2.27	62	126282	48.15	ug/l	98
5) Bromomethane	2.67	94	81442	49.68	ug/l	98
6) Chloroethane	2.81	64	78328	48.46	ug/l	96
7) Trichlorofluoromethane	3.15	101	166993	49.75	ug/l	96
8) Diethyl Ether	3.55	74	62194	47.00	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	106575	50.51	ug/l	99
10) Methyl Iodide	4.12	142	126375	48.94	ug/l	99
11) Tert butyl alcohol	4.98	59	46398	180.72	ug/l	100
12) 1,1-Dichloroethene	3.90	96	106675	49.57	ug/l	99
13) Acrolein	3.75	56	56206	260.87	ug/l	99
14) Allyl chloride	4.50	41	192872	50.36	ug/l	99
15) Acrylonitrile	5.19	53	151800	223.80	ug/l	99
16) Acetone	3.97	43	188385	255.21	ug/l	97
17) Carbon Disulfide	4.22	76	345202	48.05	ug/l	100
18) Methyl Acetate	4.50	43	69584	43.29	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	275928	46.05	ug/l	99
20) Methylene Chloride	4.75	84	118188	45.08	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	120429	49.05	ug/l	99
22) Diisopropyl ether	6.14	45	383326	48.74	ug/l	98
23) Vinyl Acetate	6.09	43	1201241	234.15	ug/l	97
24) 1,1-Dichloroethane	6.05	63	210749	50.14	ug/l	100
25) 2-Butanone	7.01	43	234061	233.42	ug/l	98
26) 2,2-Dichloropropane	7.01	77	179046	48.96	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	132154	48.76	ug/l	99
28) Bromochloromethane	7.36	49	90466	51.66	ug/l	99
29) Tetrahydrofuran	7.37	42	127068	209.65	ug/l	99
30) Chloroform	7.53	83	199586	48.59	ug/l	99
31) Cyclohexane	7.80	56	212343	47.38	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	171504	49.68	ug/l	100
36) 1,1-Dichloropropene	7.94	75	165857	48.16	ug/l	100
37) Ethyl Acetate	7.10	43	86211	41.94	ug/l	99
38) Carbon Tetrachloride	7.92	117	148366	49.04	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	218418	47.80	ug/l	99
40) Benzene	8.18	78	492502	48.62	ug/l	98
41) Methacrylonitrile	7.37	41	117402	113.74	ug/l #	31
42) 1,2-Dichloroethane	8.26	62	126102	45.70	ug/l	99
43) Isopropyl Acetate	8.29	43	170621	43.74	ug/l	99
44) Trichloroethene	8.96	130	120440	47.63	ug/l	97
45) 1,2-Dichloropropane	9.24	63	124912	49.24	ug/l	98
46) Dibromomethane	9.32	93	60892	45.89	ug/l	99
47) Bromodichloromethane	9.51	83	154610	48.28	ug/l	99
48) Methyl methacrylate	9.31	41	79389	45.01	ug/l	97
49) 1,4-Dioxane	9.31	88	15177	809.84	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	425239	212.20	ug/l	99
52) Toluene	10.26	92	304945	48.26	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	168256	47.53	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	198194	48.64	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	90856	46.44	ug/l	98
56) Ethyl methacrylate	10.52	69	132762	45.23	ug/l	98
57) 1,3-Dichloropropane	10.80	76	162894	46.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	234017	208.86	ug/l	100
59) 2-Hexanone	10.85	43	340051	226.15	ug/l	99
60) Dibromochloromethane	11.00	129	102146	47.35	ug/l	100
61) 1,2-Dibromoethane	11.10	107	85918	46.44	ug/l	98
64) Tetrachloroethene	10.73	164	96201	47.85	ug/l	99
65) Chlorobenzene	11.53	112	309479	48.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	105230	48.79	ug/l	99
67) Ethyl Benzene	11.61	91	588136	49.56	ug/l	99
68) m/p-Xylenes	11.71	106	435161	98.18	ug/l	100
69) o-Xylene	12.04	106	207706	49.29	ug/l	97
70) Styrene	12.05	104	358211	48.91	ug/l	100
71) Bromoform	12.22	173	55310	44.87	ug/l #	99
73) Isopropylbenzene	12.34	105	565155	50.10	ug/l	99
74) N-amyl acetate	12.16	43	158603	44.06	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	109216	45.34	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	142707	84.01	ug/l #	100
77) Bromobenzene	12.62	156	117221	47.94	ug/l	96
78) n-propylbenzene	12.68	91	688203	50.09	ug/l	100
79) 2-Chlorotoluene	12.77	91	378916	49.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	463406	49.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	42318	47.27	ug/l	99
82) 4-Chlorotoluene	12.86	91	399899	49.21	ug/l	99
83) tert-Butylbenzene	13.09	119	391138	50.08	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	459683	49.38	ug/l	99
85) sec-Butylbenzene	13.27	105	572275	49.82	ug/l	100
86) p-Isopropyltoluene	13.38	119	497639	49.87	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	229706	48.43	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	229126	47.79	ug/l	99
89) n-Butylbenzene	13.71	91	513338	50.35	ug/l	100
90) Hexachloroethane	13.97	117	95409	50.75	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	204282	46.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	16506	41.52	ug/l	98

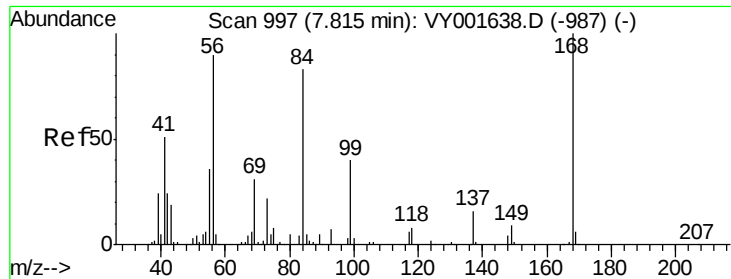
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	135383	46.68	ug/l	100
94) Hexachlorobutadiene	15.12	225	66355	46.00	ug/l	98
95) Naphthalene	15.25	128	294158	43.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	116548	45.68	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

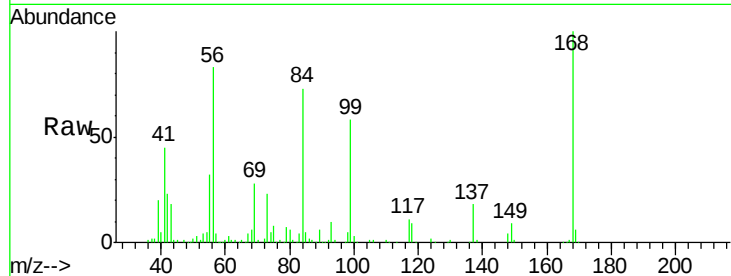
VSTDCCC050

Tgt Ion:168 Resp: 198330

Ion Ratio Lower Upper

168 100

99 57.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001761.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001761.D (-948) (-)

7.82

100000

80000

60000

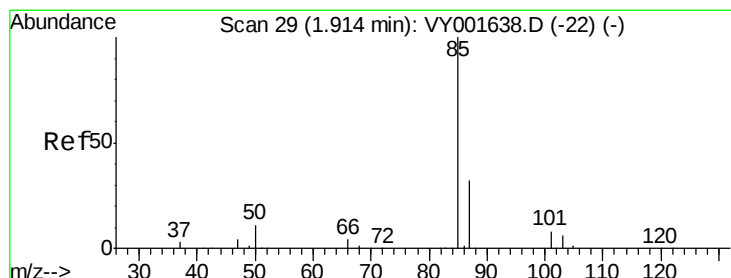
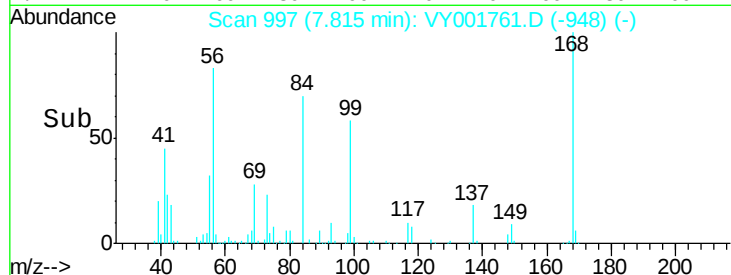
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.47 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001761.D

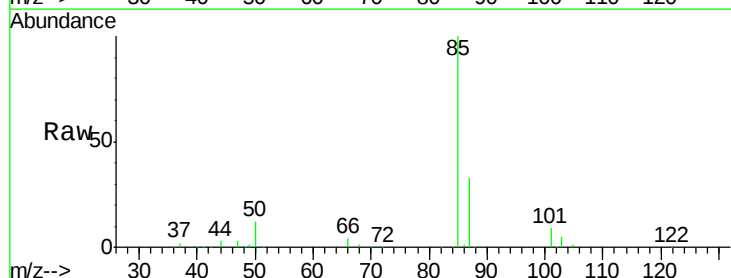
Acq: 24 Feb 2020 09:54

Tgt Ion: 85 Resp: 97568

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001761.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001761.D (-1) (-)

1.91

80000

60000

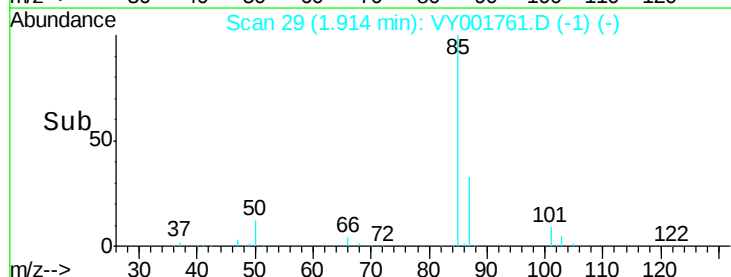
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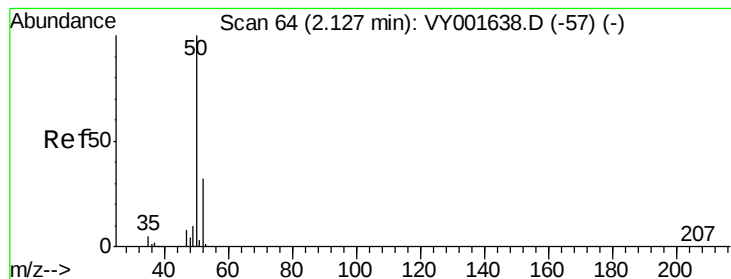
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.87 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

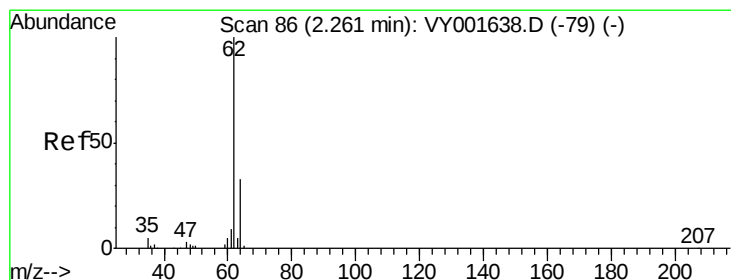
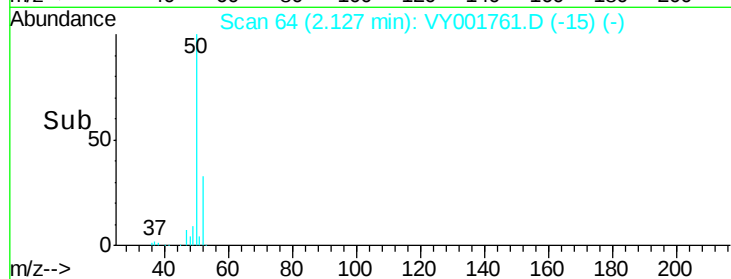
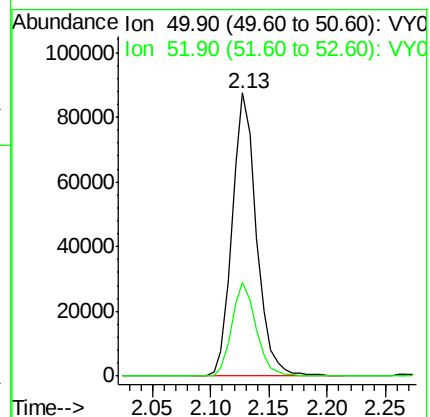
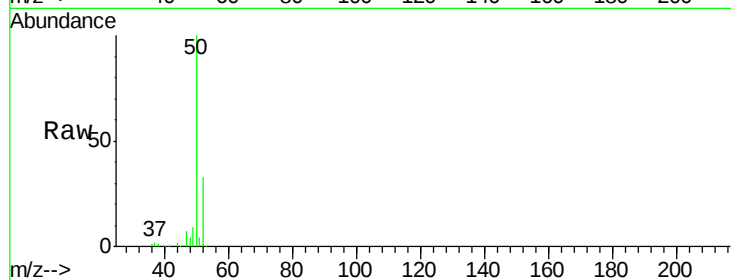
VSTDCCC050

Tgt Ion: 50 Resp: 127071

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.6



#4

Vinyl Chloride

Concen: 48.15 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001761.D

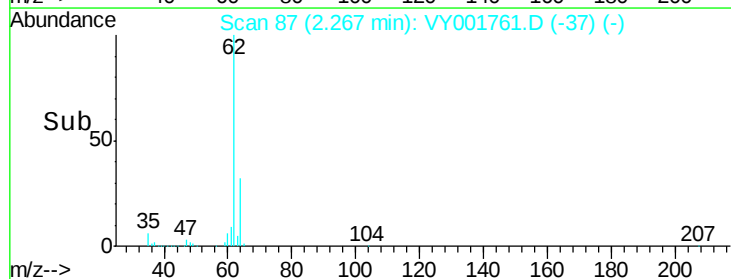
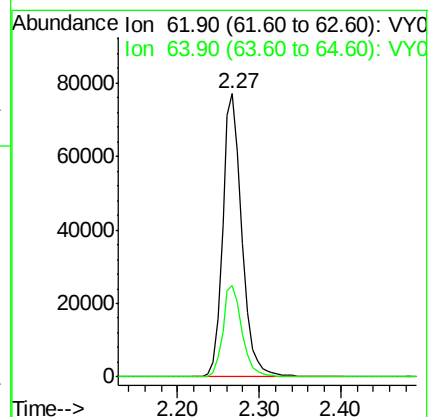
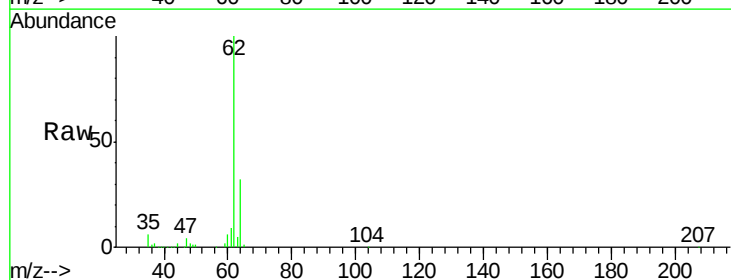
Acq: 24 Feb 2020 09:54

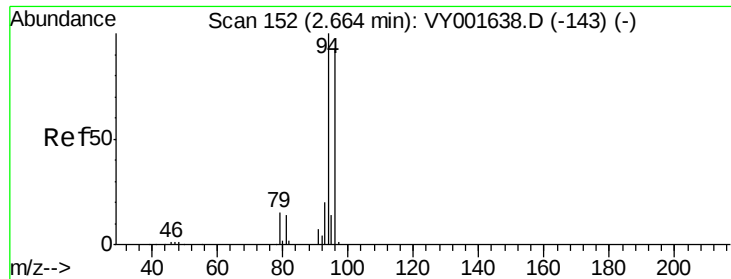
Tgt Ion: 62 Resp: 126282

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3





#5

Bromomethane

Concen: 49.68 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

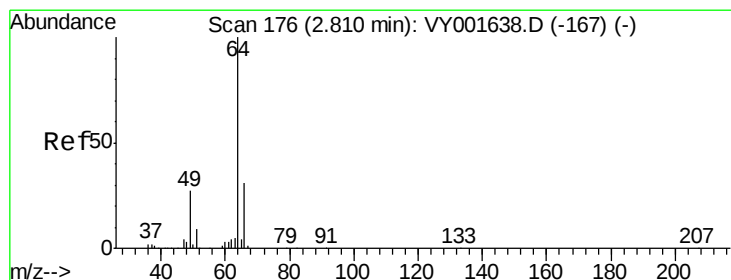
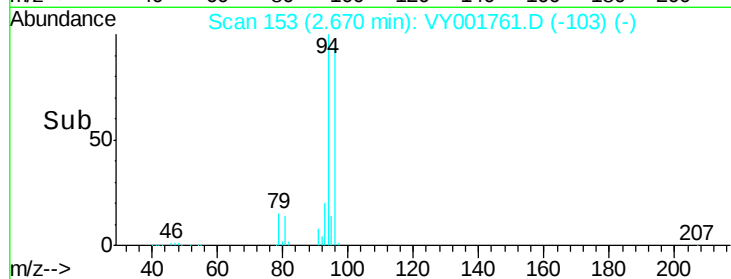
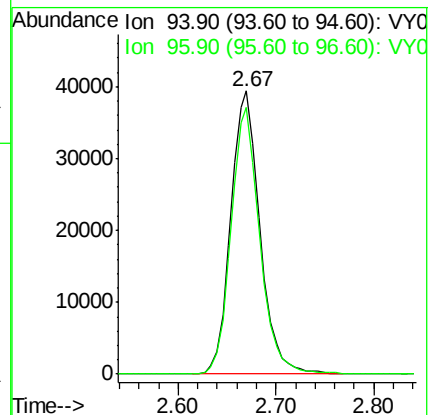
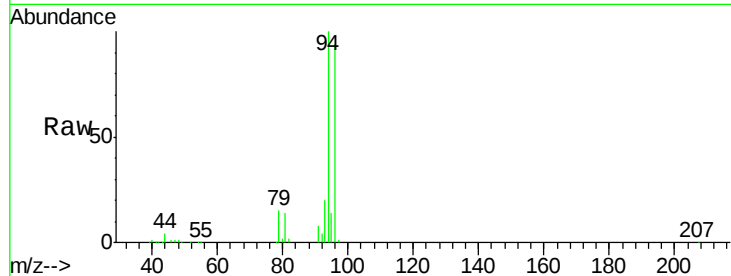
VSTDCCC050

Tgt Ion: 94 Resp: 81442

Ion Ratio Lower Upper

94 100

96 93.9 73.7 110.5



#6

Chloroethane

Concen: 48.46 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001761.D

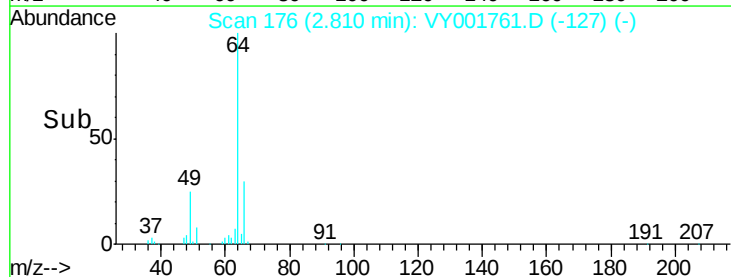
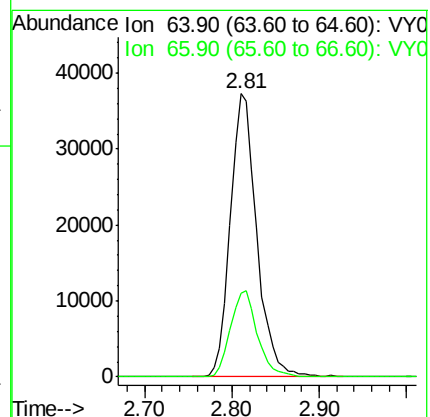
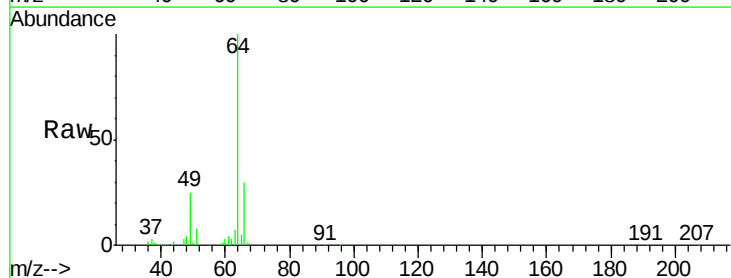
Acq: 24 Feb 2020 09:54

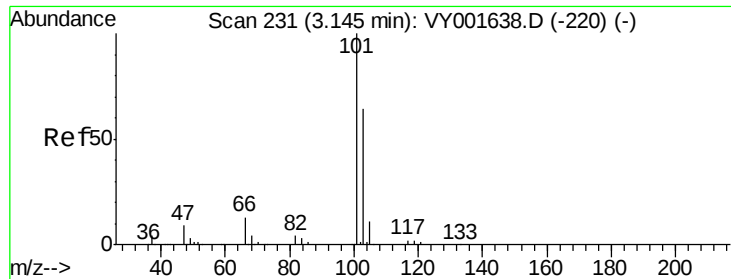
Tgt Ion: 64 Resp: 78328

Ion Ratio Lower Upper

64 100

66 29.8 25.5 38.3



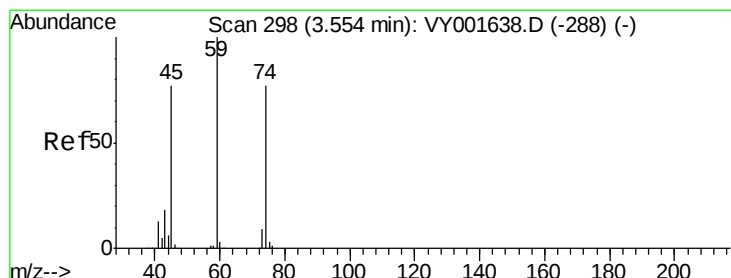
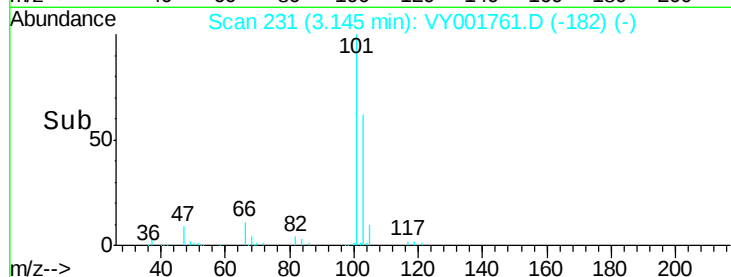
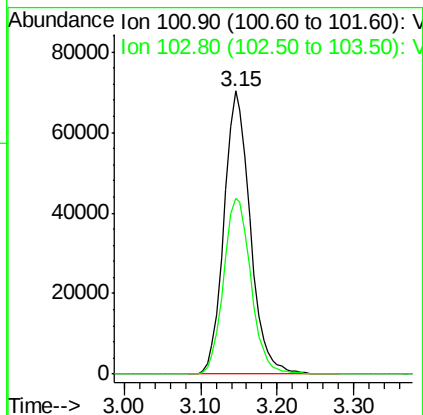
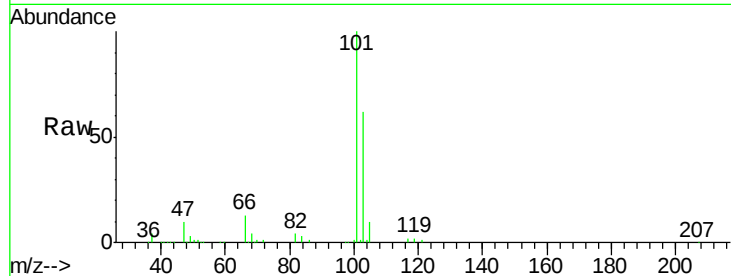


#7

Trichlorofluoromethane
 Concen: 49.75 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Instrument :
 MSVOA_Y
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 VSTDCCC050

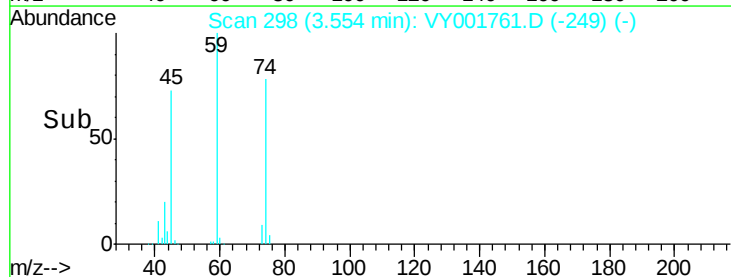
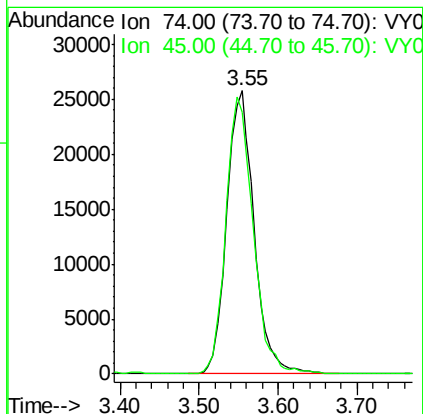
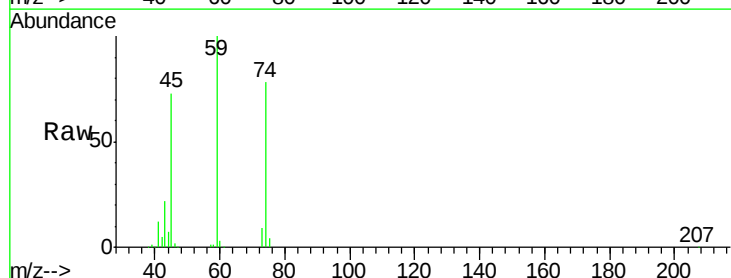
Tgt Ion:101 Resp: 166993
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.2 78.2

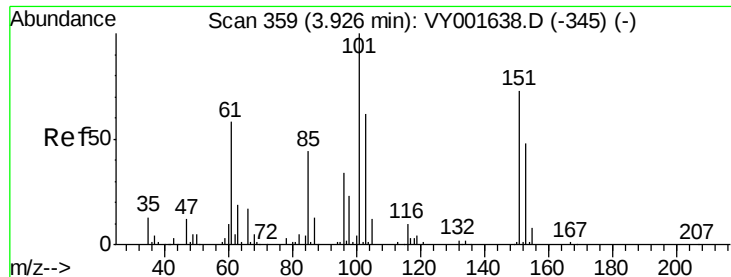


#8

Diethyl Ether
 Concen: 47.00 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 74 Resp: 62194
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.51 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

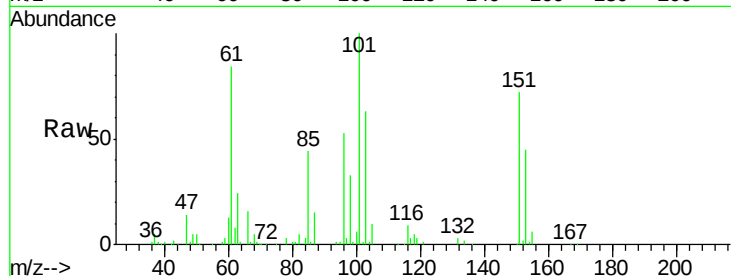
Tgt Ion:101 Resp: 106575

Ion Ratio Lower Upper

101 100

85 44.1 35.1 52.7

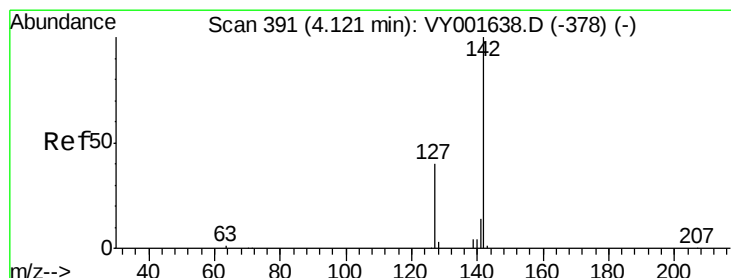
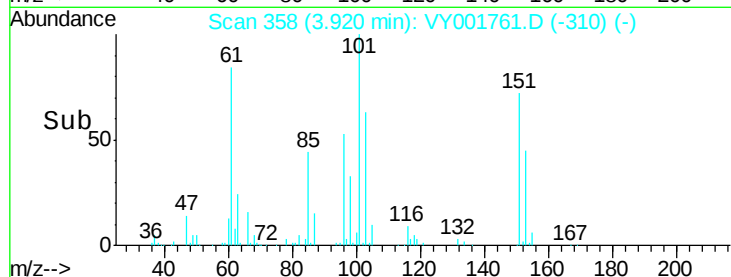
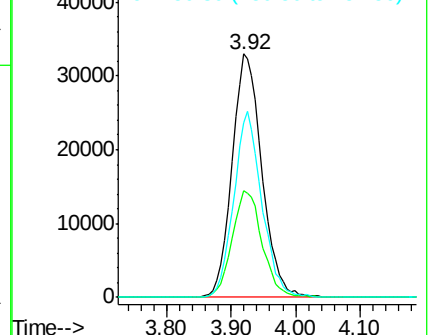
151 72.0 58.4 87.6



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: 48.94 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

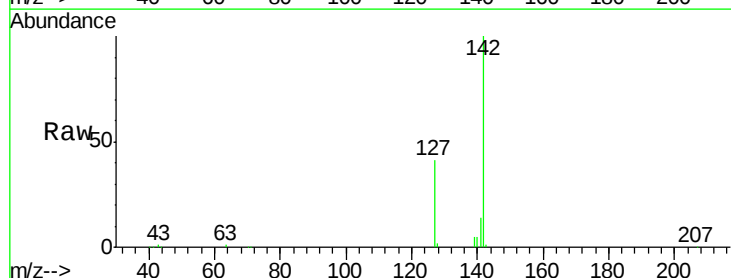
Tgt Ion:142 Resp: 126375

Ion Ratio Lower Upper

142 100

127 40.5 32.1 48.1

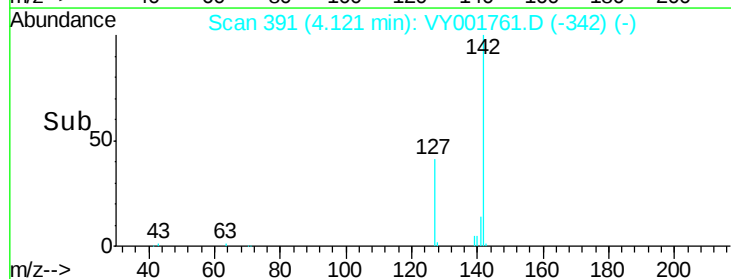
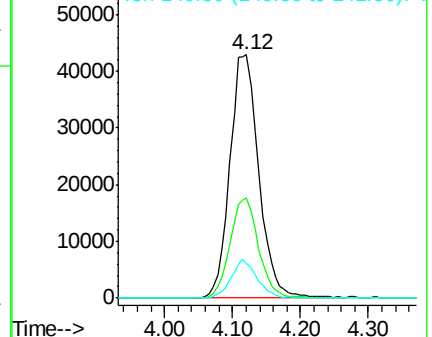
141 14.2 11.3 16.9

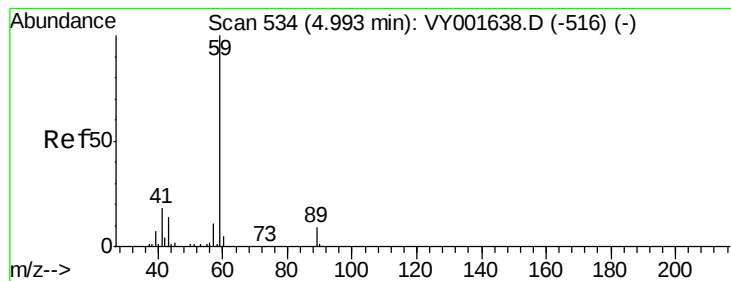


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



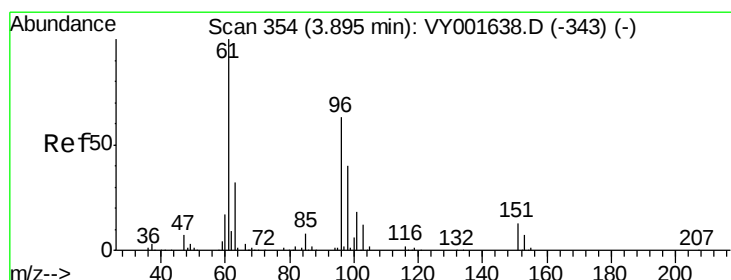
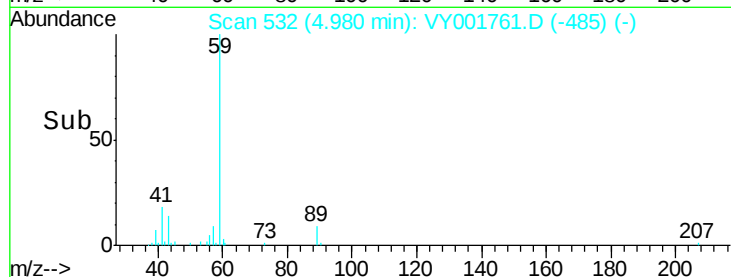
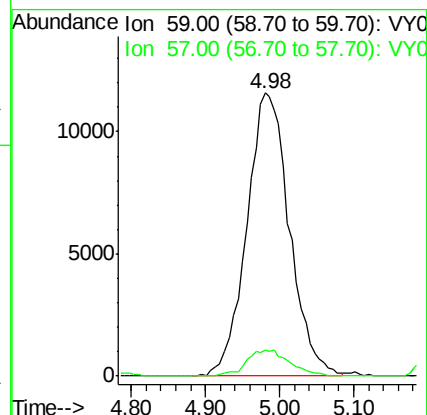
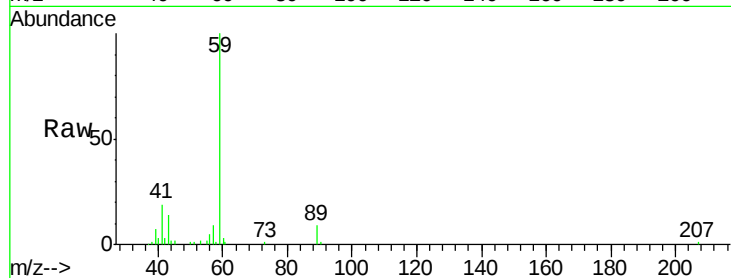


#11

Tert butyl alcohol
 Concen: 180.72 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

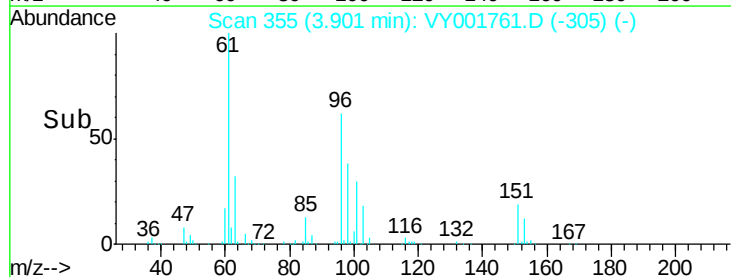
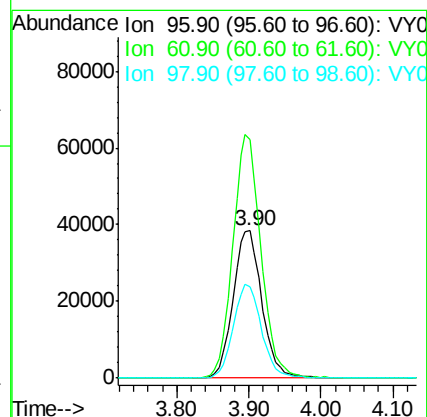
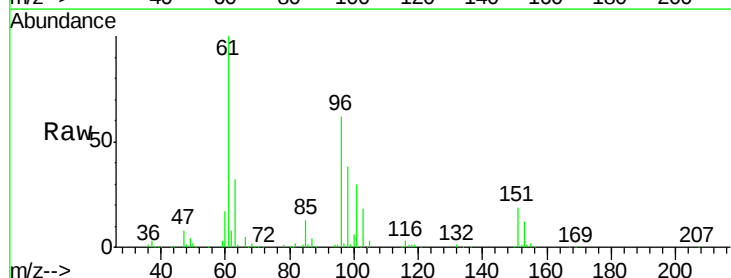
Tgt Ion: 59 Resp: 46398
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.4 11.2

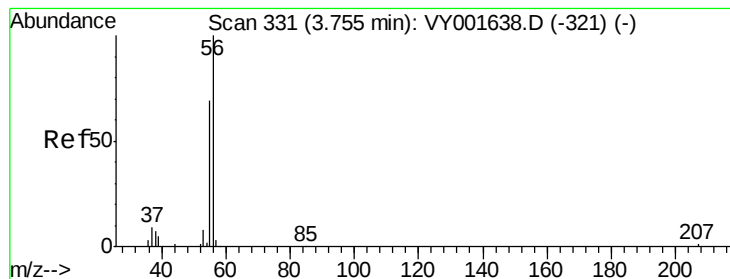


#12

1,1-Dichloroethene
 Concen: 49.57 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 96 Resp: 106675
 Ion Ratio Lower Upper
 96 100
 61 161.7 128.7 193.1
 98 61.8 50.7 76.1





#13

Acrolein

Concen: 260.87 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

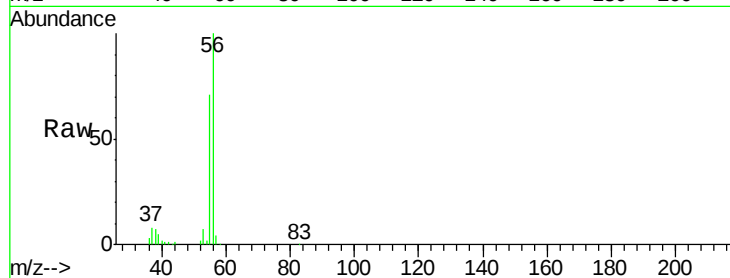
VSTDCCC050

Tgt Ion: 56 Resp: 56206

Ion Ratio Lower Upper

56 100

55 69.5 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY001761.D (-406) (-)

Ion 55.00 (54.70 to 55.70): VY001761.D (-406) (-)

3.75

25000

20000

15000

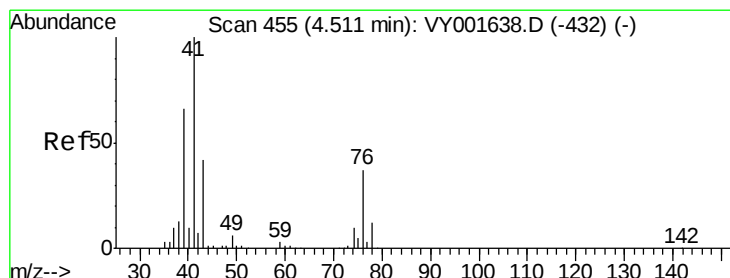
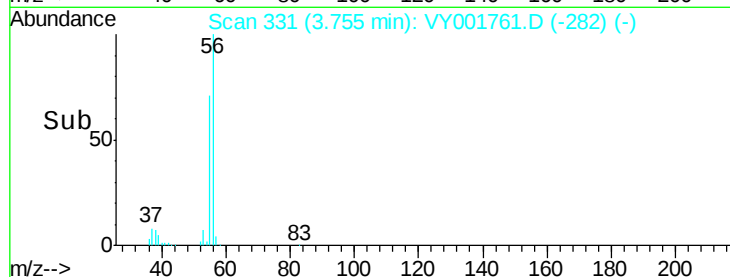
10000

5000

0

Time-->

3.70 3.80 3.90



#14

Allyl chloride

Concen: 50.36 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

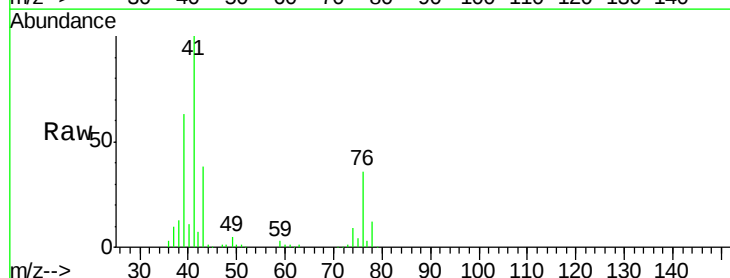
Tgt Ion: 41 Resp: 192872

Ion Ratio Lower Upper

41 100

39 62.5 49.4 74.0

76 35.6 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VY001761.D (-406) (-)

Ion 39.00 (38.70 to 39.70): VY001761.D (-406) (-)

Ion 75.90 (75.60 to 76.60): VY001761.D (-406) (-)

4.50

80000

60000

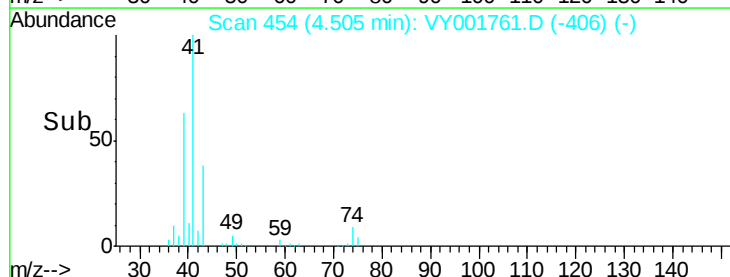
40000

20000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 223.80 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

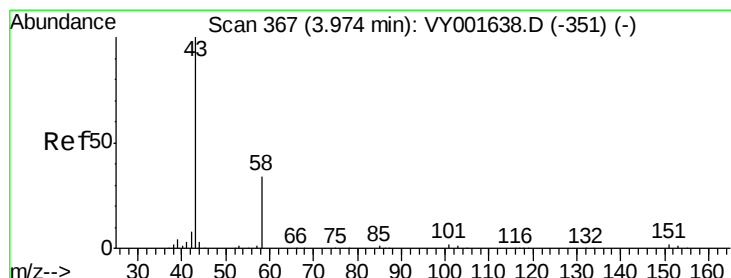
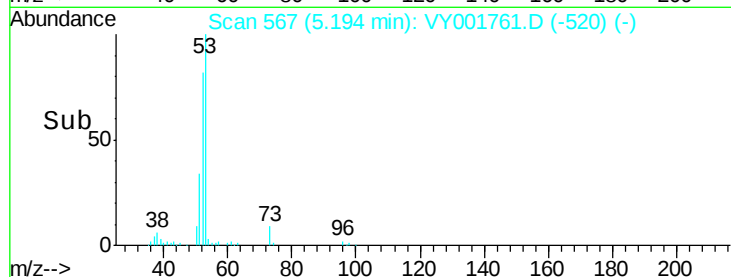
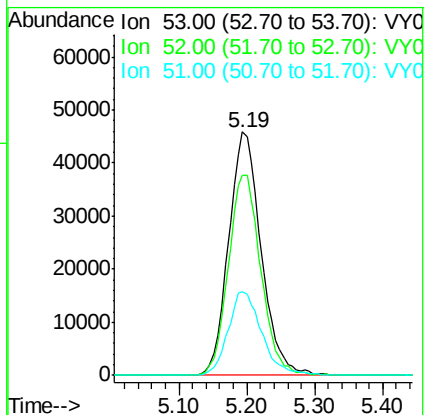
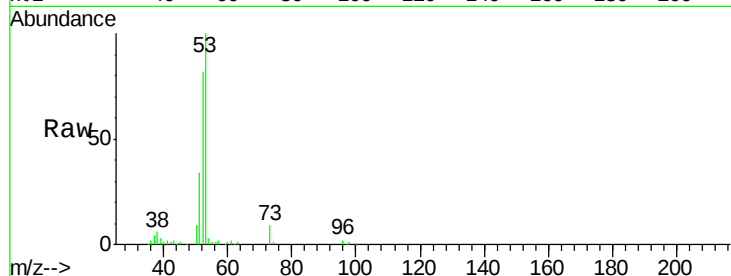
Tgt Ion: 53 Resp: 151800

Ion Ratio Lower Upper

53 100

52 82.2 65.4 98.0

51 35.7 28.0 42.0



#16

Acetone

Concen: 255.21 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001761.D

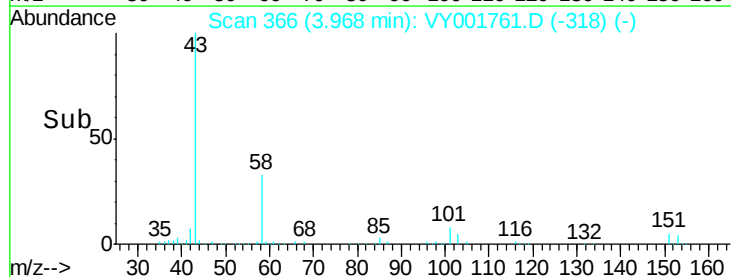
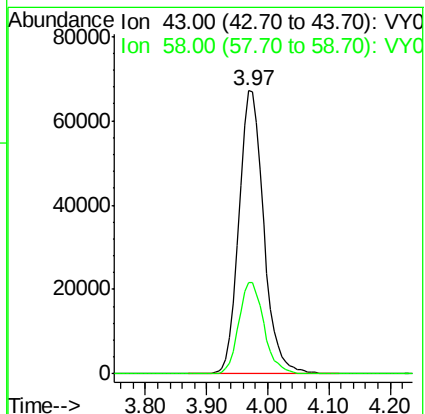
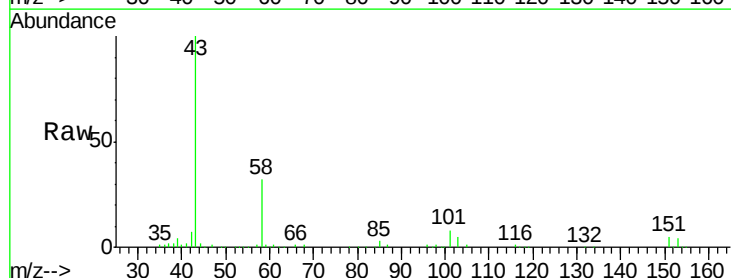
Acq: 24 Feb 2020 09:54

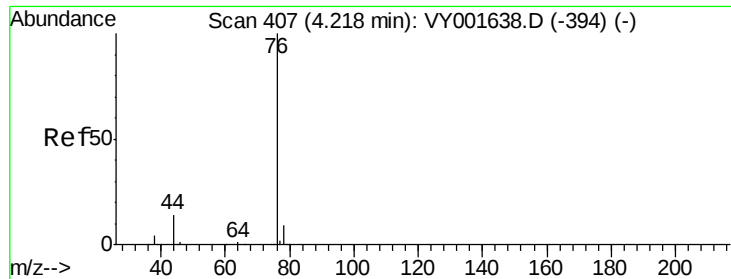
Tgt Ion: 43 Resp: 188385

Ion Ratio Lower Upper

43 100

58 32.5 27.3 40.9

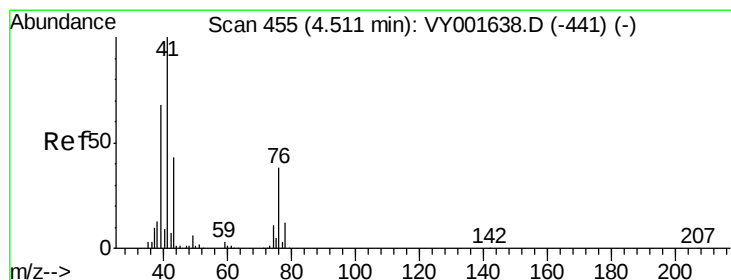
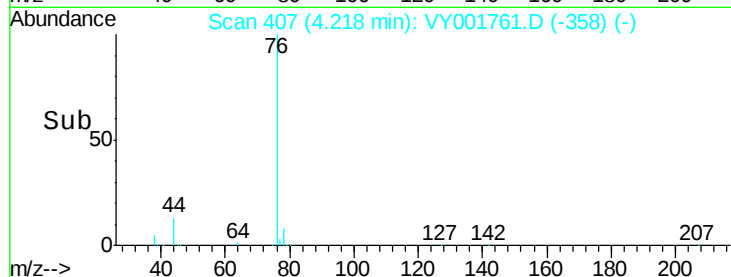
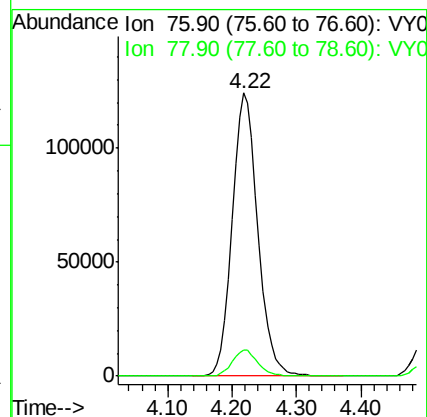
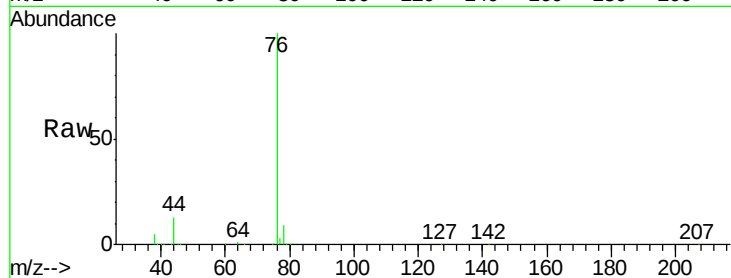




#17
Carbon Disulfide
Concen: 48.05 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

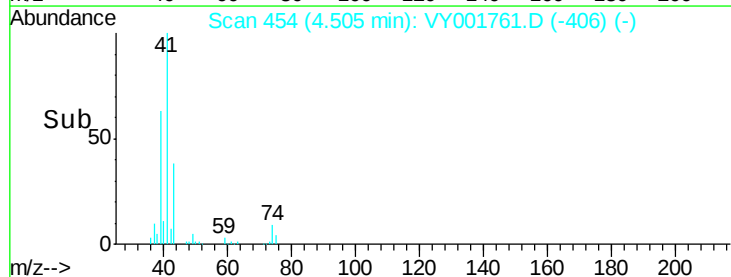
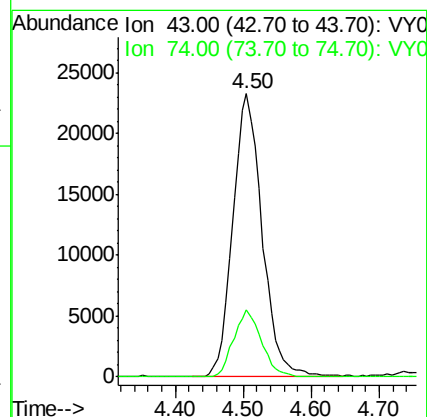
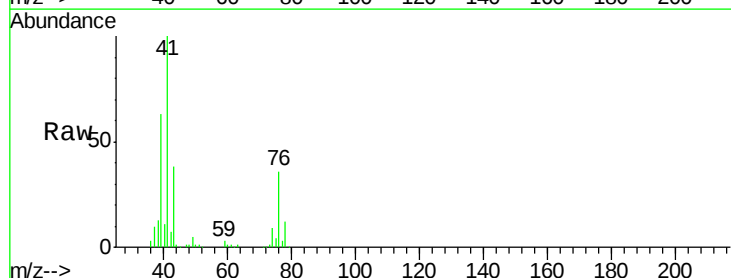
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

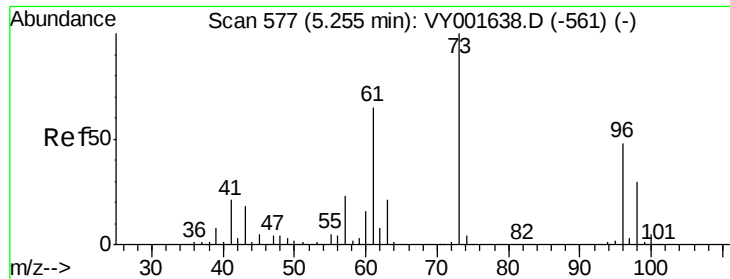
Tgt Ion: 76 Resp: 345202
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 43.29 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion: 43 Resp: 69584
Ion Ratio Lower Upper
43 100
74 22.5 19.1 28.7

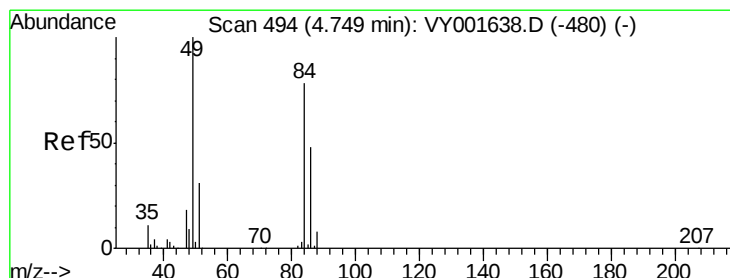
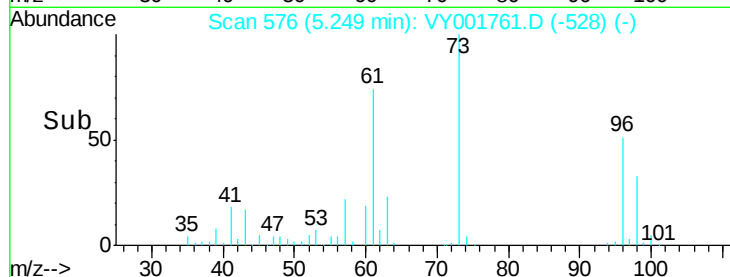
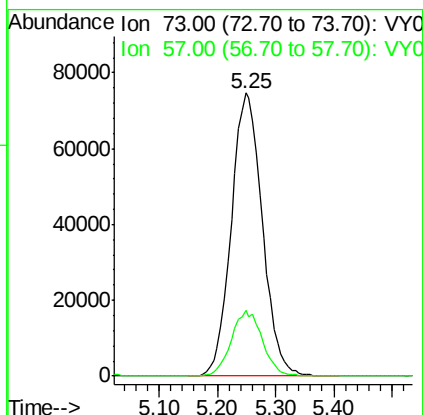
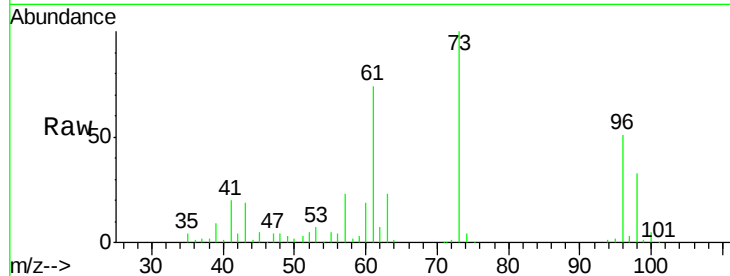




#19
Methyl tert-butyl Ether
Concen: 46.05 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

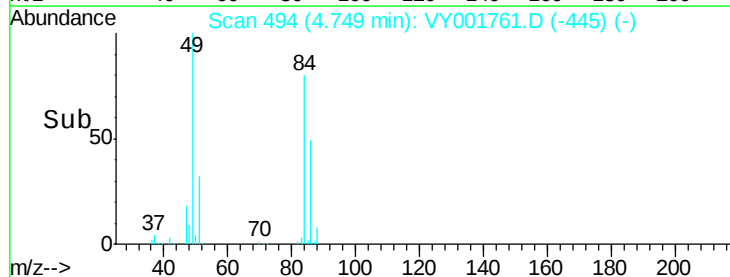
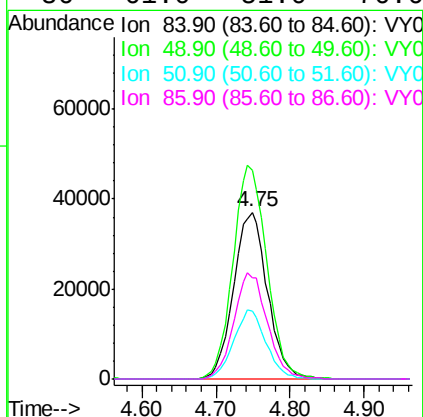
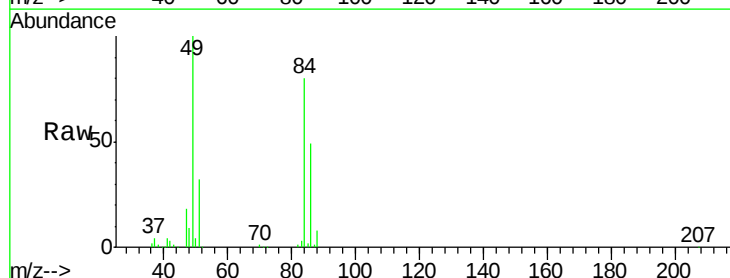
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

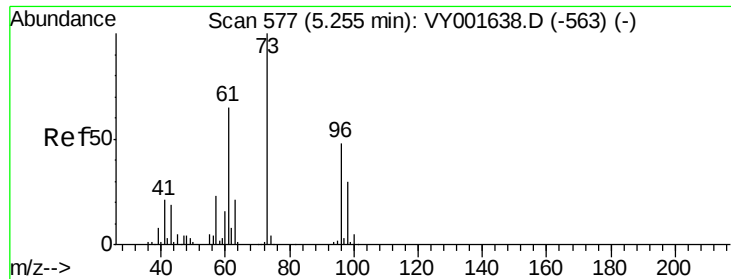
Tgt Ion: 73 Resp: 275928
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.6



#20
Methylene Chloride
Concen: 45.08 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion: 84 Resp: 118188
Ion Ratio Lower Upper
84 100
49 124.9 99.2 148.8
51 40.4 31.5 47.3
86 61.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.05 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

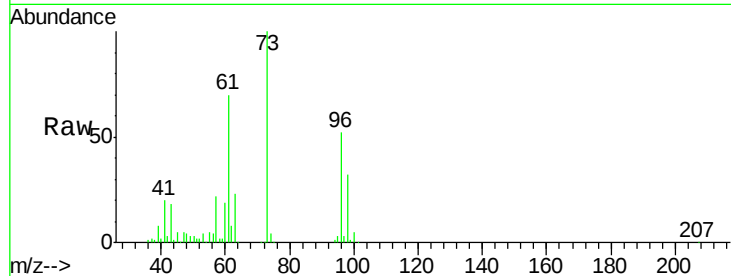
Tgt Ion: 96 Resp: 120429

Ion Ratio Lower Upper

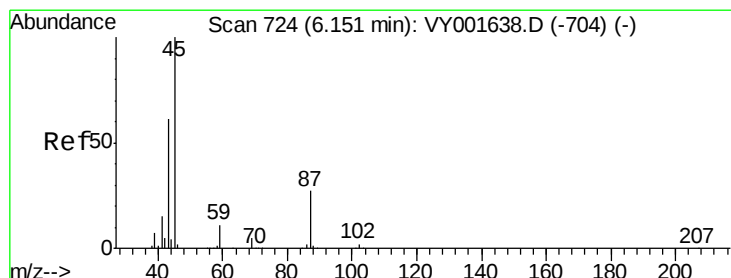
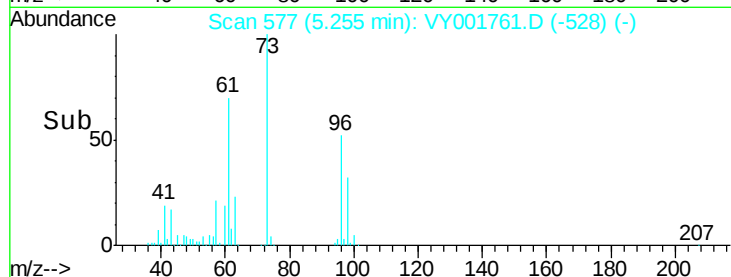
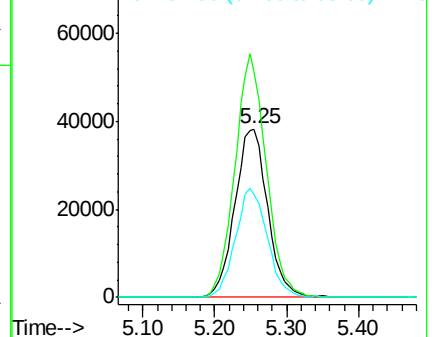
96 100

61 133.6 107.9 161.9

98 60.7 49.8 74.8



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: 48.74 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Tgt Ion: 45 Resp: 383326

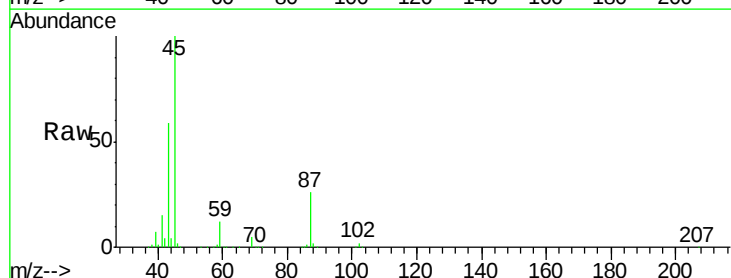
Ion Ratio Lower Upper

45 100

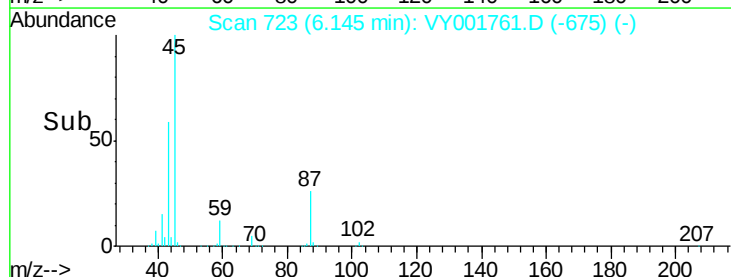
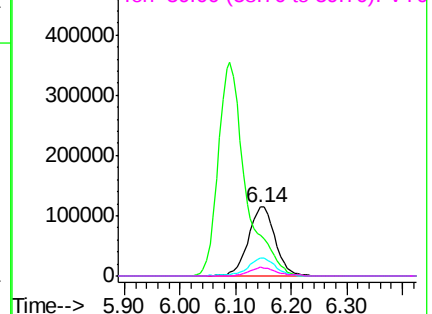
43 58.9 46.4 69.6

87 25.8 22.1 33.1

59 12.4 9.4 14.0



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

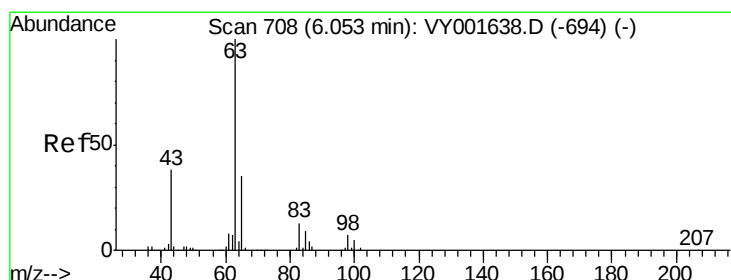
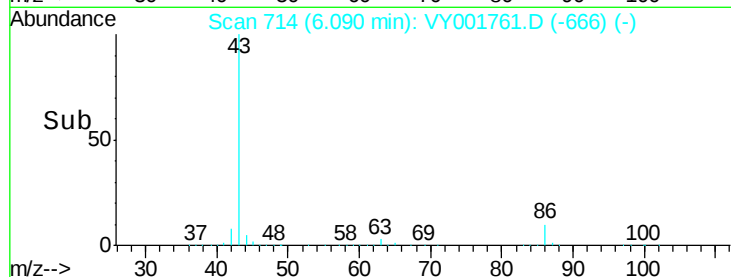
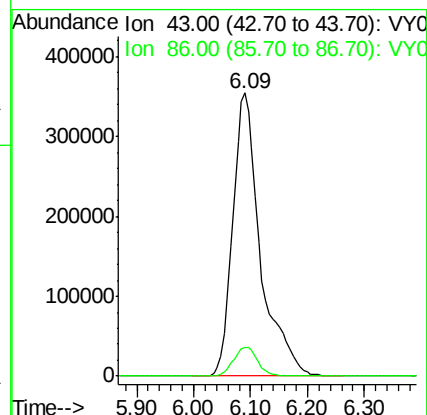
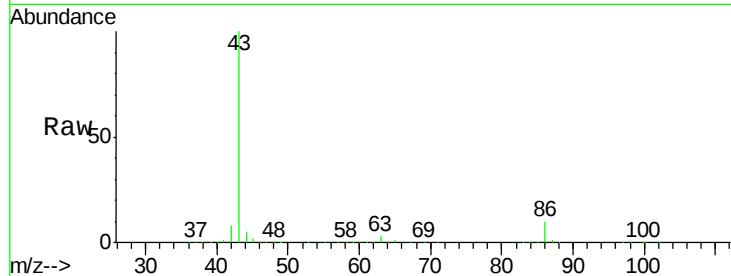




#23
 Vinyl Acetate
 Concen: 234.15 ug/l
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

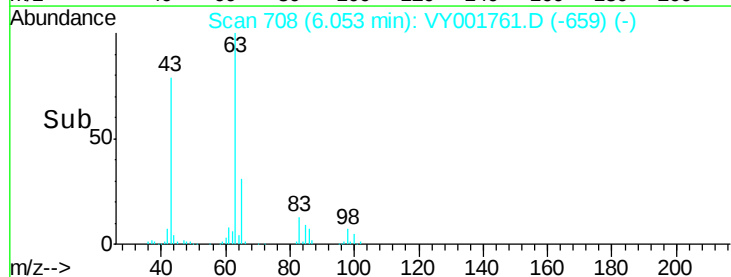
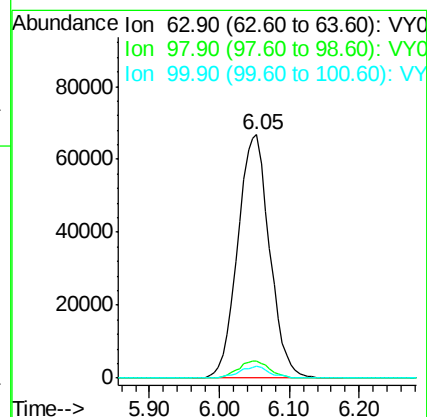
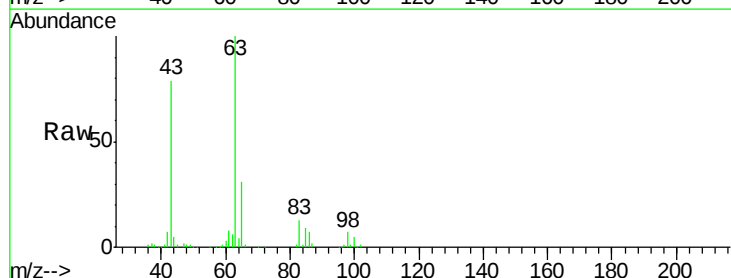
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

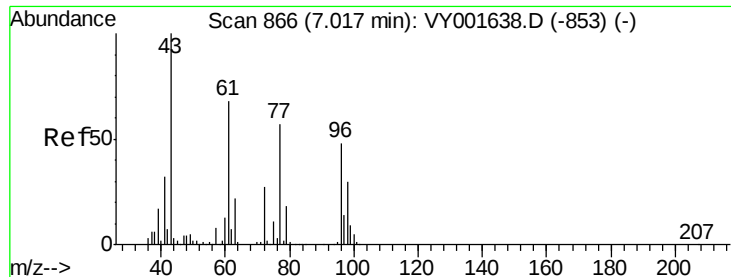
Tgt Ion: 43 Resp: 1201241
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 50.14 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 63 Resp: 210749
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.7 2.3 6.9

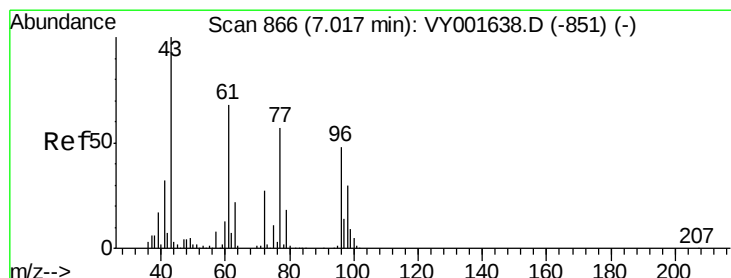
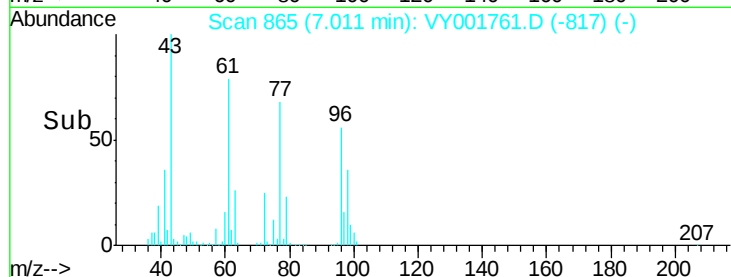
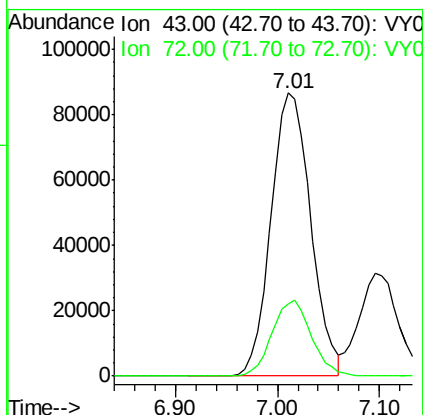
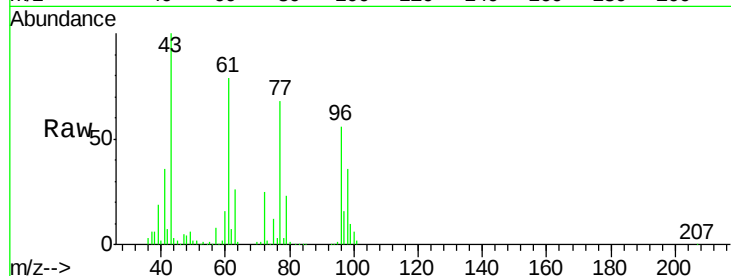




#25
2-Butanone
Concen: 233.42 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

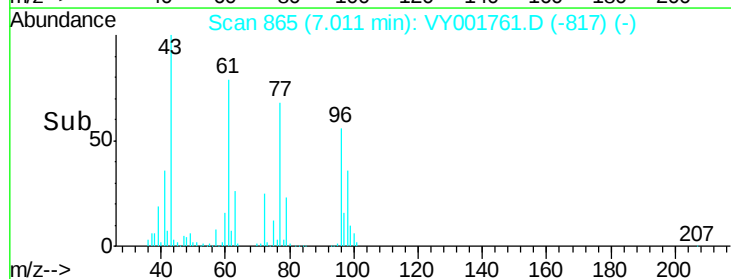
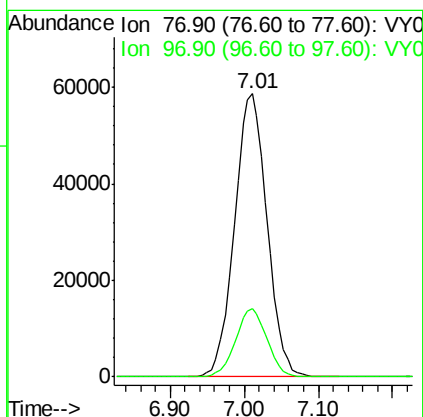
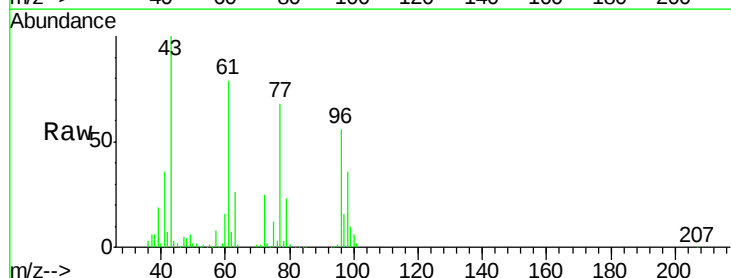
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 234061
Ion Ratio Lower Upper
43 100
72 25.4 21.2 31.8



#26
2,2-Dichloropropane
Concen: 48.96 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion: 77 Resp: 179046
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.4

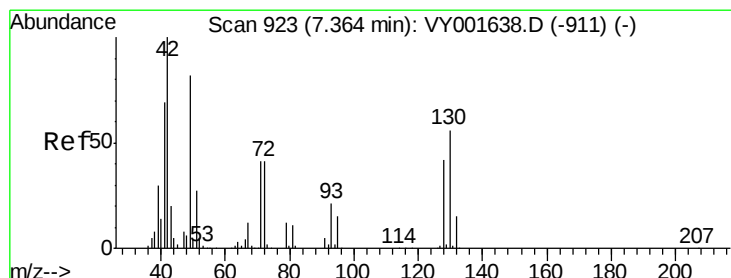
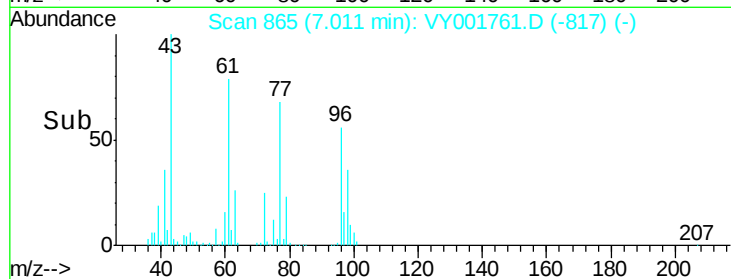
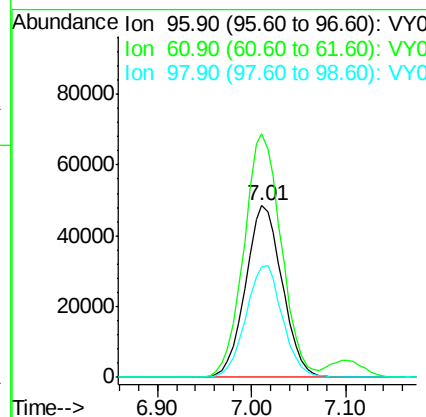
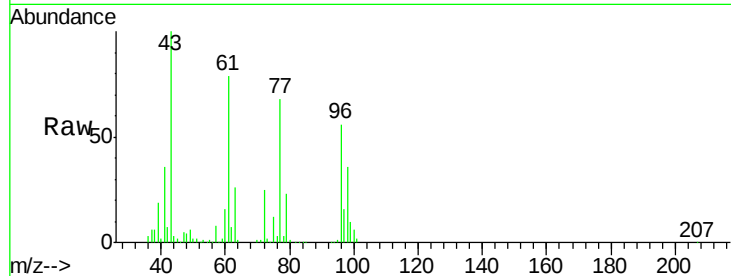




#27
 cis-1,2-Dichloroethene
 Concen: 48.76 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

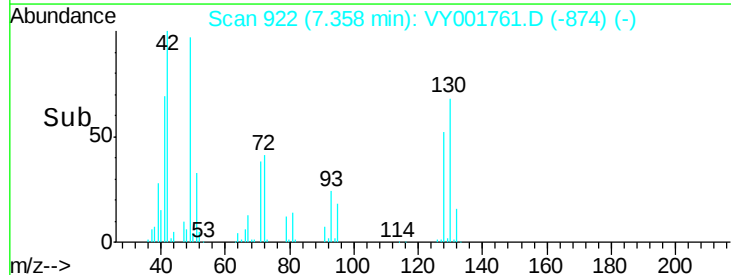
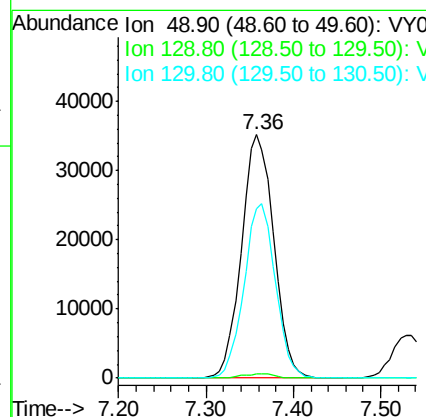
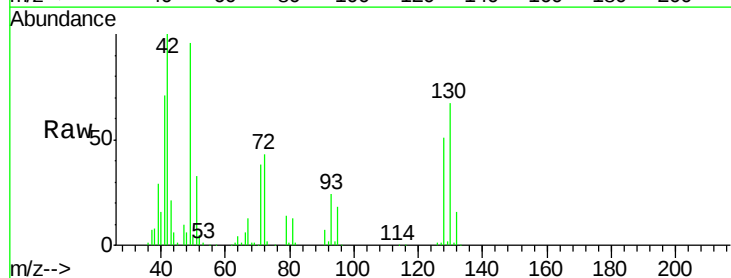
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

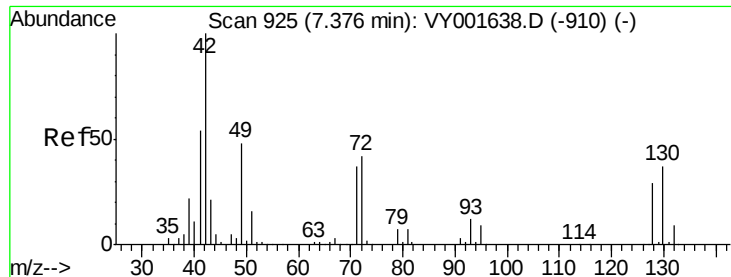
Tgt Ion: 96 Resp: 132154
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 290.8
 98 64.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 51.66 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 49 Resp: 90466
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 69.5 56.2 84.4

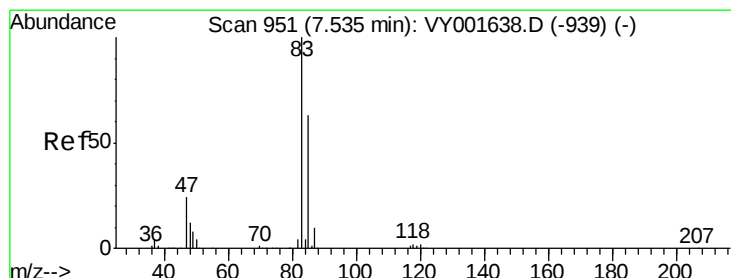
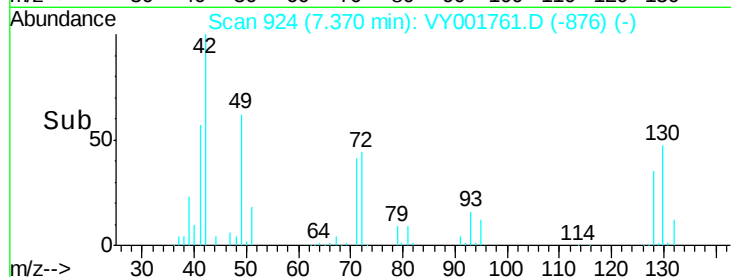
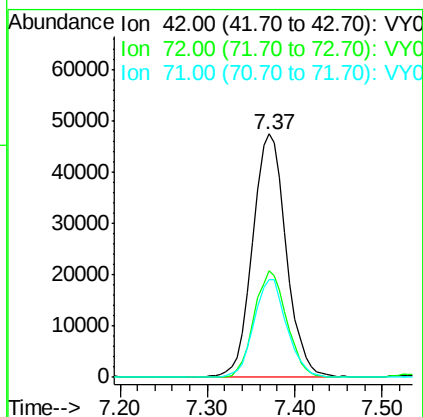
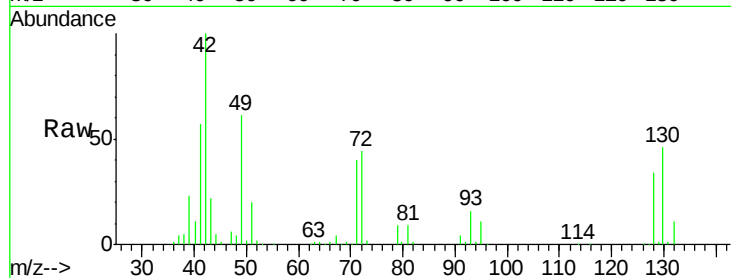




#29
Tetrahydrofuran
Concen: 209.65 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

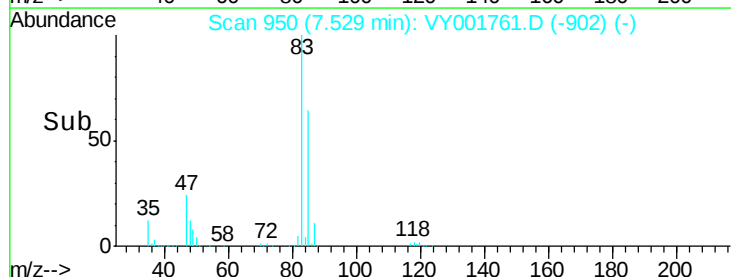
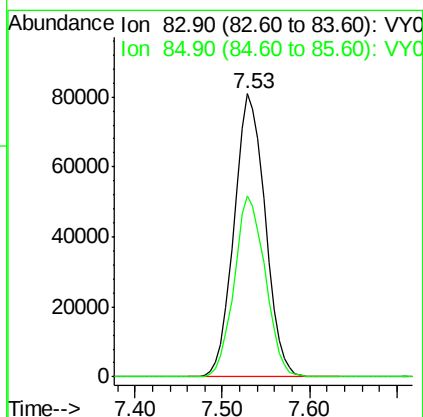
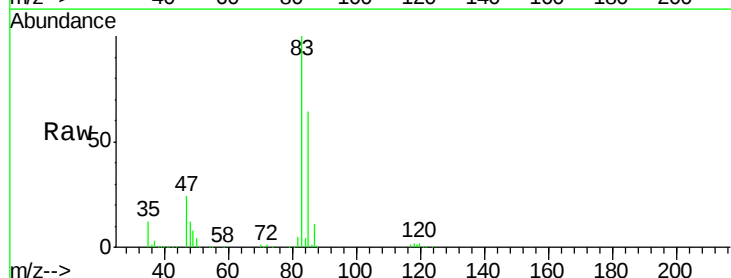
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

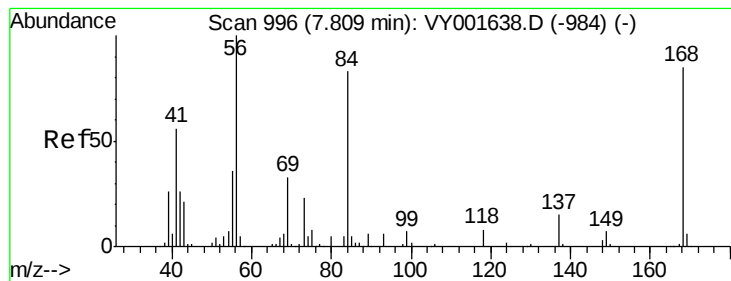
Tgt Ion: 42 Resp: 127068
Ion Ratio Lower Upper
42 100
72 42.6 34.4 51.6
71 39.5 31.8 47.8



#30
Chloroform
Concen: 48.59 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion: 83 Resp: 199586
Ion Ratio Lower Upper
83 100
85 63.7 51.6 77.4





#31

Cyclohexane

Concen: 47.38 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

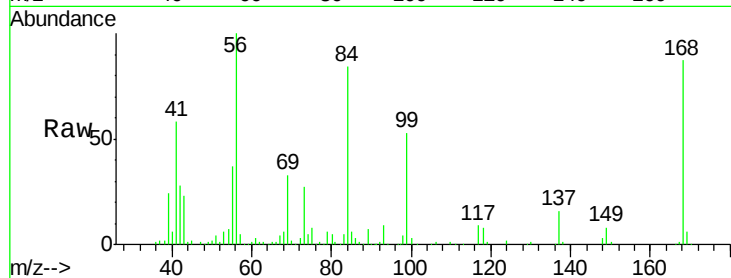
Tgt Ion: 56 Resp: 212343

Ion Ratio Lower Upper

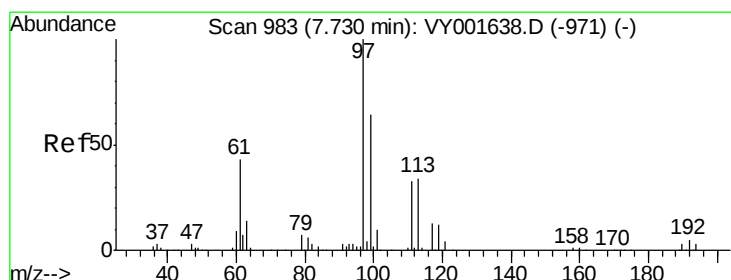
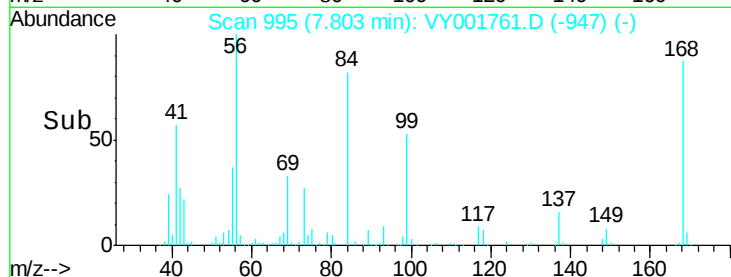
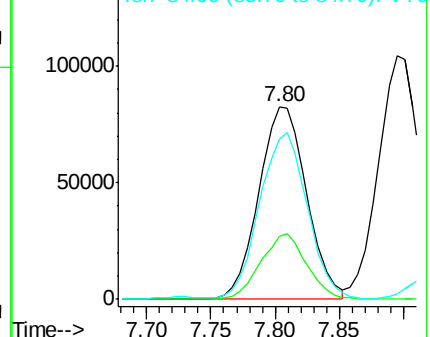
56 100

69 32.9 25.1 37.7

84 82.4 66.9 100.3



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



#32

1,1,1-Trichloroethane

Concen: 49.68 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

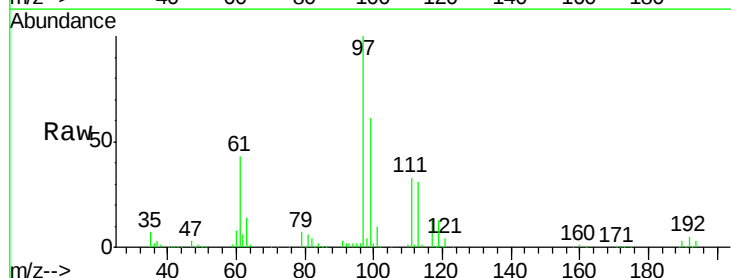
Tgt Ion: 97 Resp: 171504

Ion Ratio Lower Upper

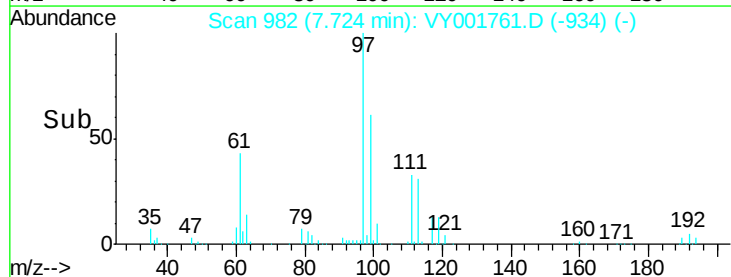
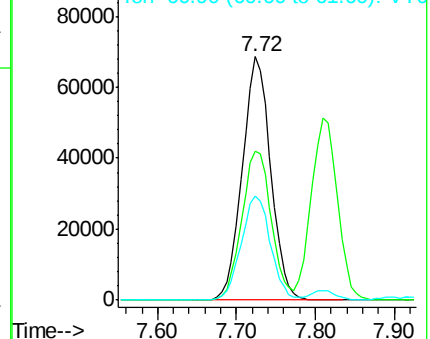
97 100

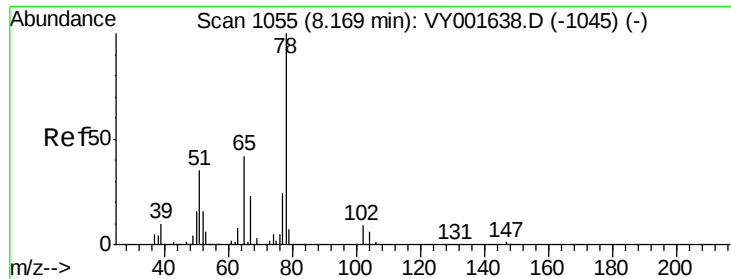
99 63.9 51.2 76.8

61 44.2 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

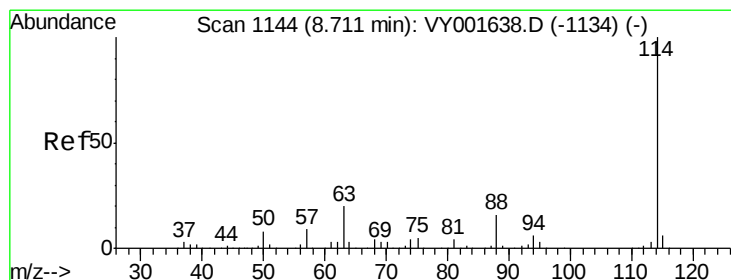
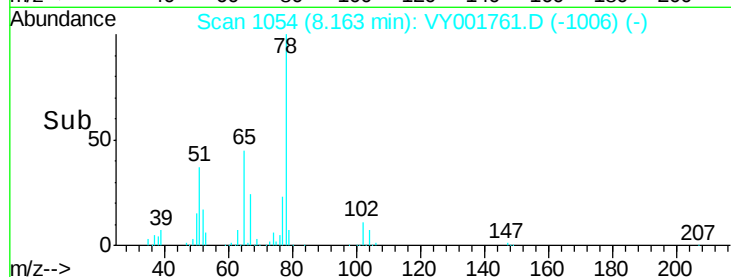
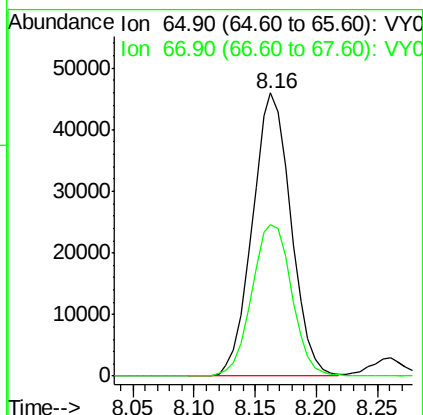
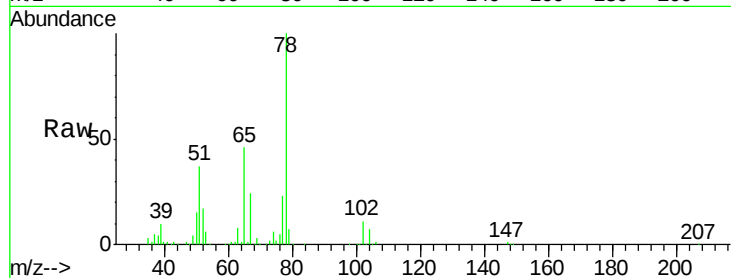




#33
 1,2-Dichloroethane-d4
 Concen: 47.34 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

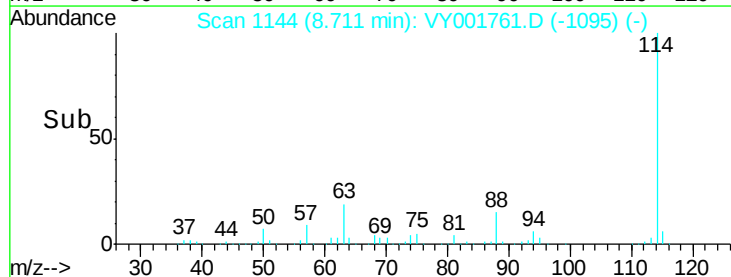
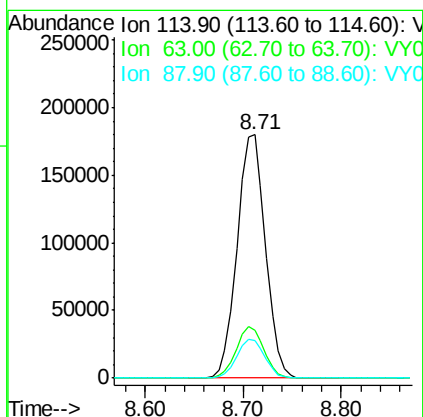
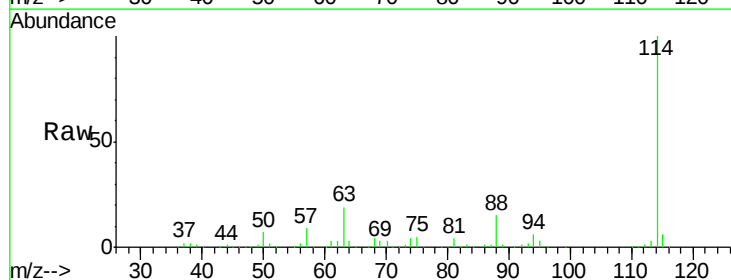
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

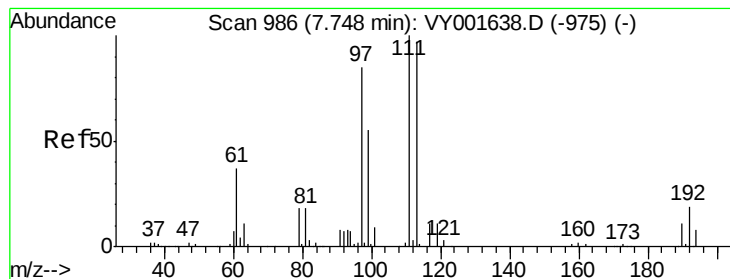
Tgt Ion: 65 Resp: 100992
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 114 Resp: 360579
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.89 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

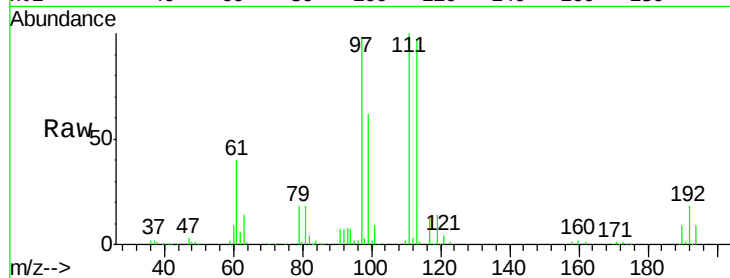
Tgt Ion:113 Resp: 96838

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

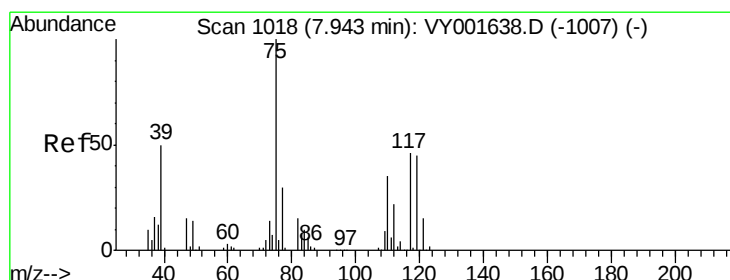
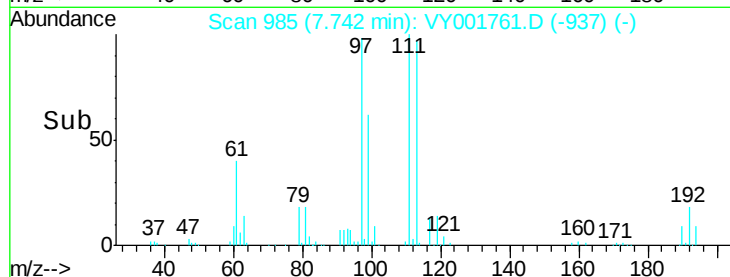
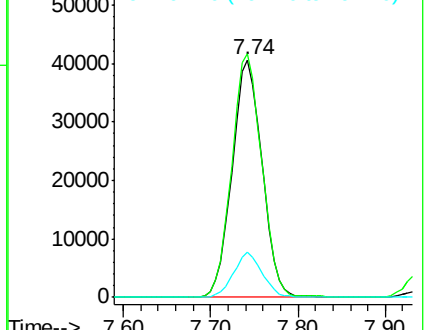
192 18.2 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.16 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

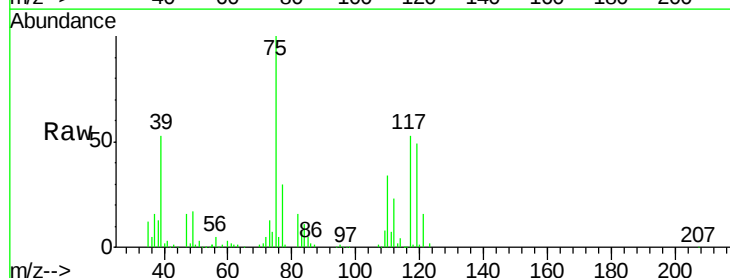
Tgt Ion: 75 Resp: 165857

Ion Ratio Lower Upper

75 100

110 34.8 17.2 51.6

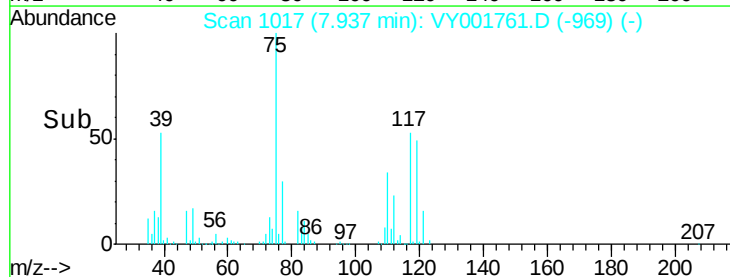
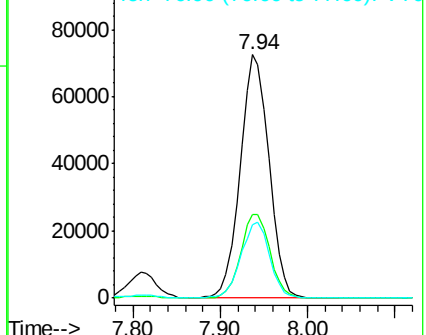
77 31.1 24.8 37.2

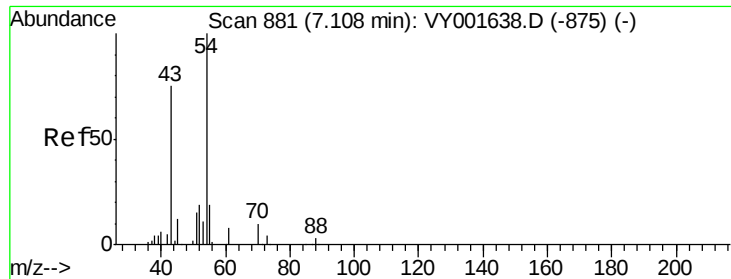


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

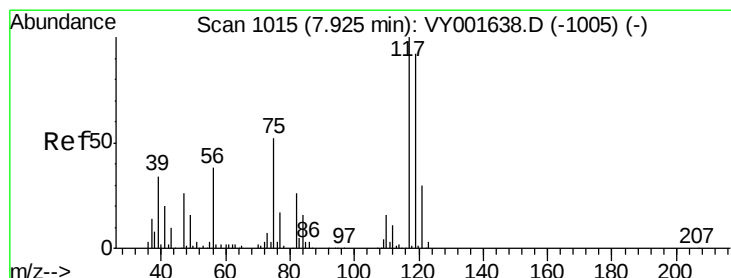
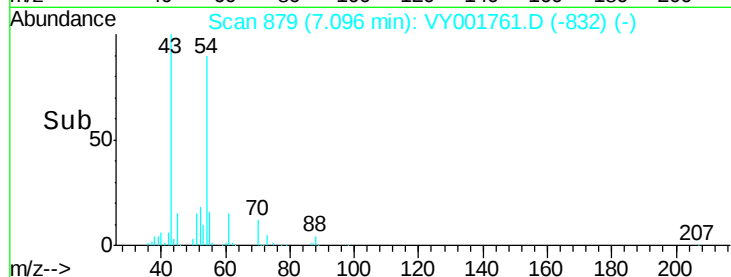
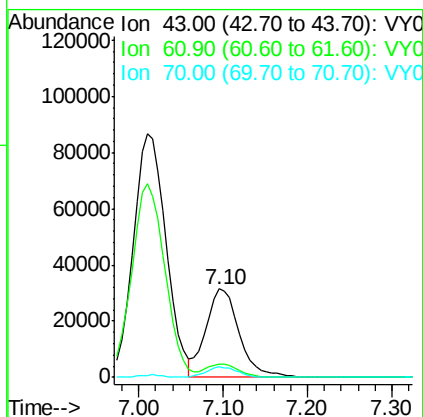
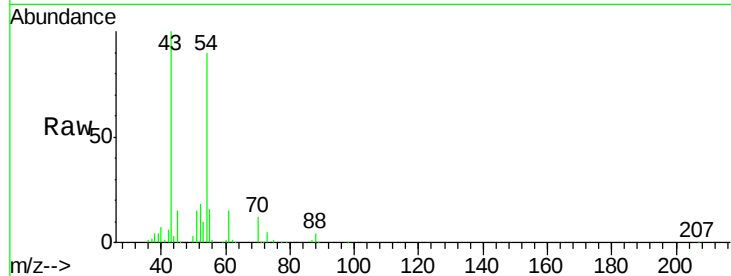




#37
Ethyl Acetate
Concen: 41.94 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

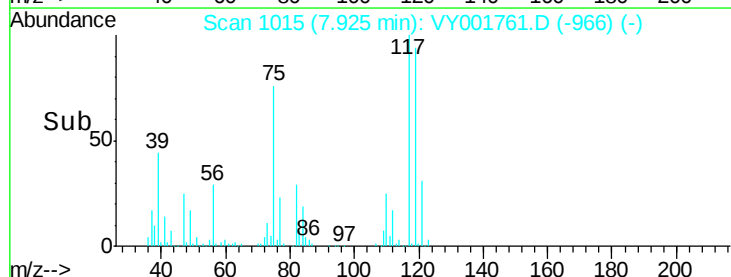
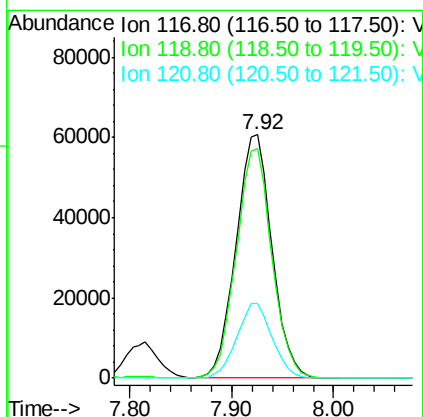
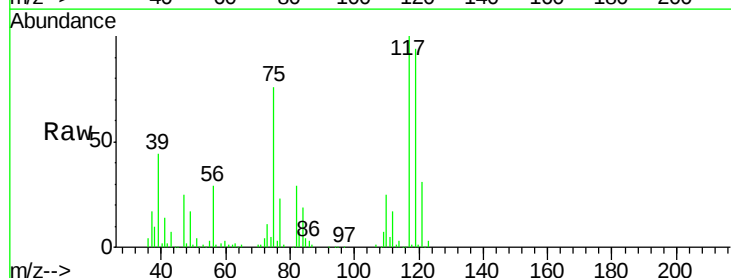
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

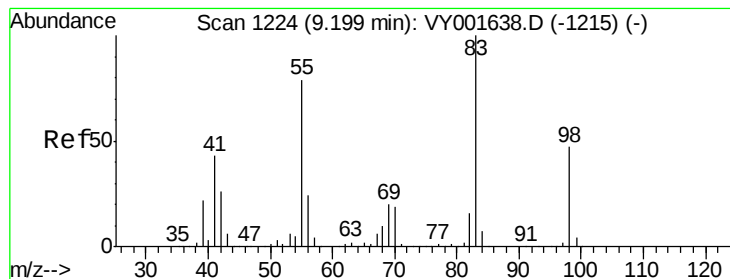
Tgt Ion: 43 Resp: 86211
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.6
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.04 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion: 117 Resp: 148366
Ion Ratio Lower Upper
117 100
119 94.5 74.8 112.2
121 30.6 23.8 35.6





#39

Methylcyclohexane

Concen: 47.80 ug/l

RT: 9.20 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

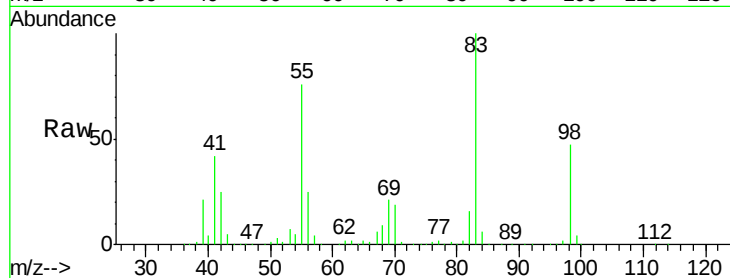
Tgt Ion: 83 Resp: 218418

Ion Ratio Lower Upper

83 100

55 76.3 61.3 91.9

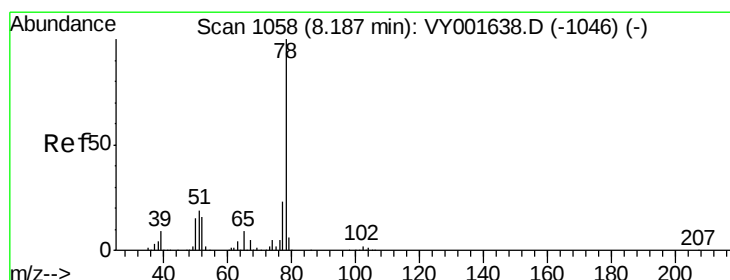
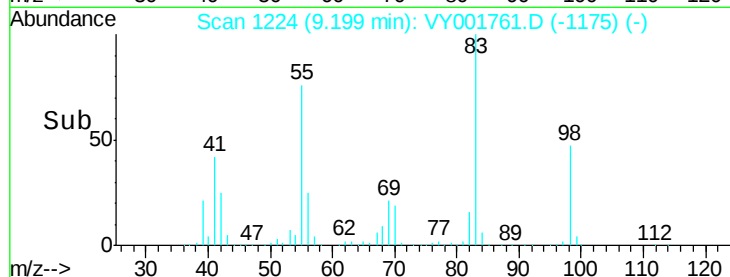
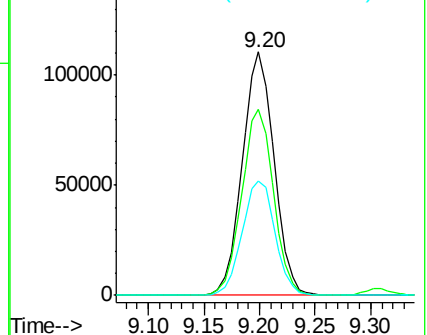
98 46.9 38.0 57.0



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: 48.62 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. -0.01 min

Lab File: VY001761.D

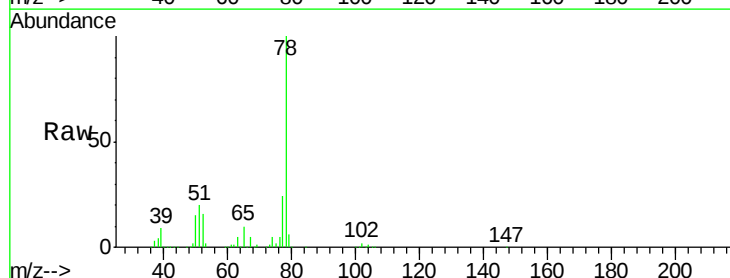
Acq: 24 Feb 2020 09:54

Tgt Ion: 78 Resp: 492502

Ion Ratio Lower Upper

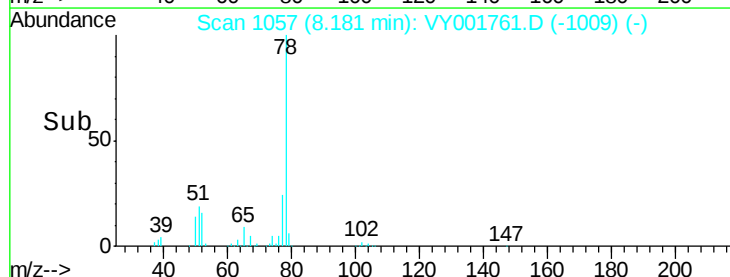
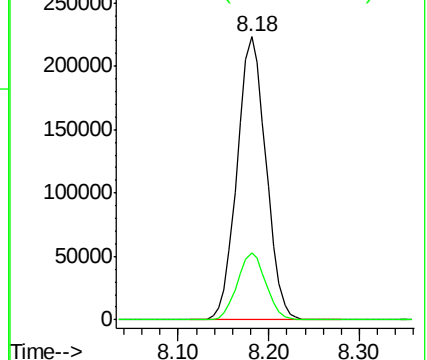
78 100

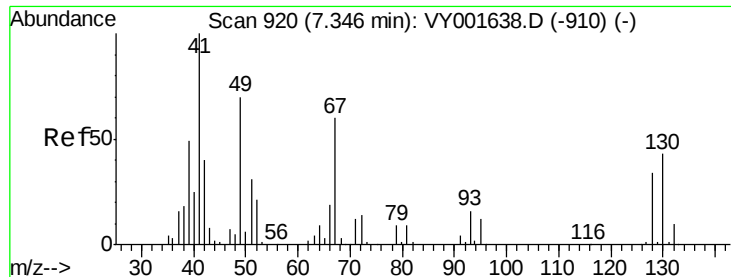
77 23.7 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 113.74 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.03 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 117402

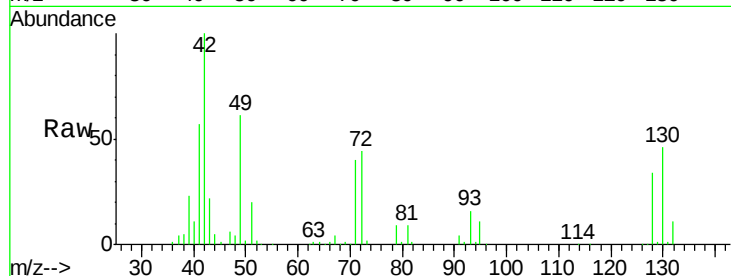
Ion Ratio Lower Upper

41 100

39 0.0 36.0 54.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

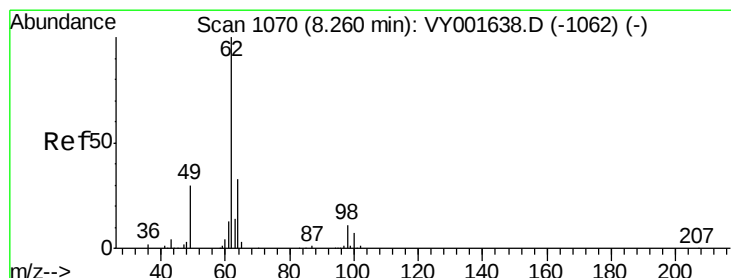
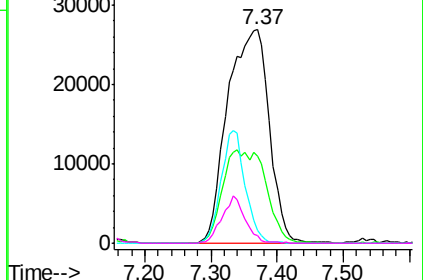
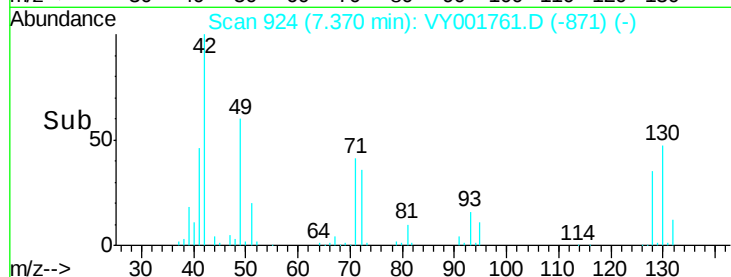


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 45.70 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VY001761.D

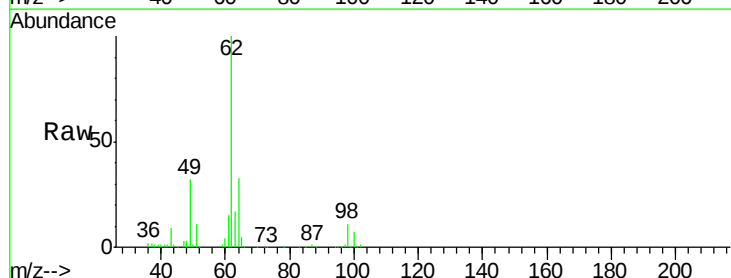
Acq: 24 Feb 2020 09:54

Tgt Ion: 62 Resp: 126102

Ion Ratio Lower Upper

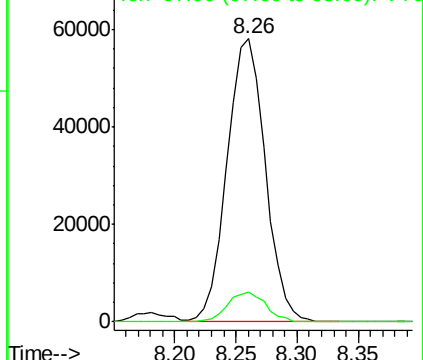
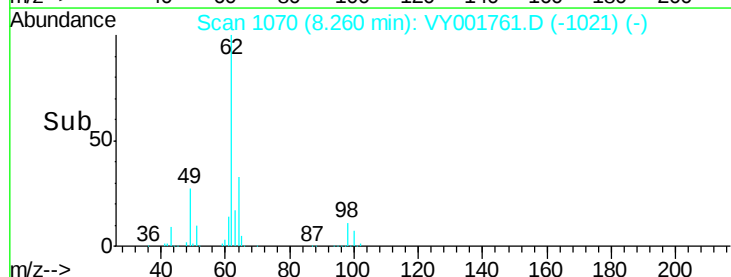
62 100

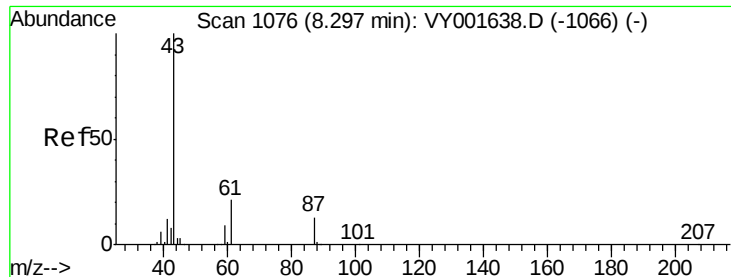
98 10.6 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 43.74 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

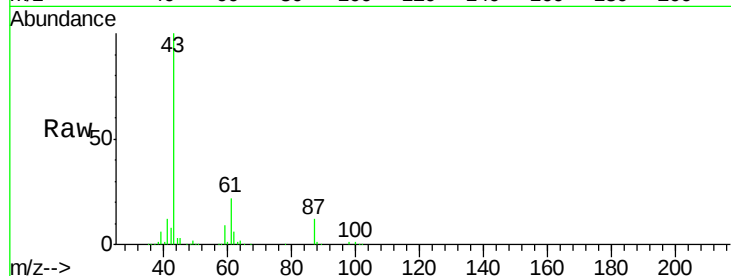
Tgt Ion: 43 Resp: 170621

Ion Ratio Lower Upper

43 100

61 29.5 23.0 34.4

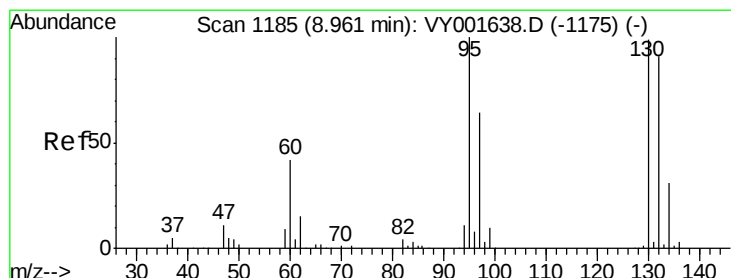
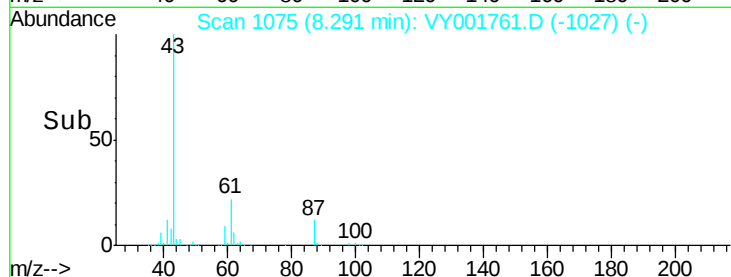
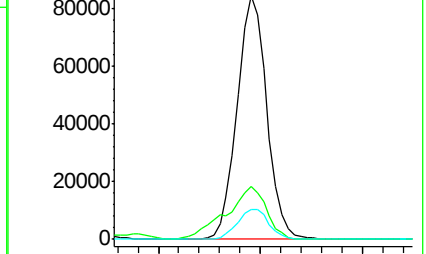
87 13.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001638.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001638.D (-1066) (-)



#44

Trichloroethene

Concen: 47.63 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001761.D

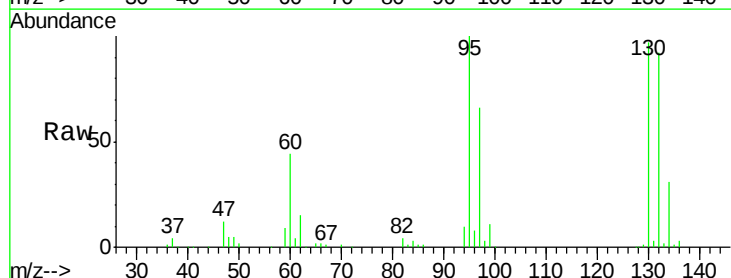
Acq: 24 Feb 2020 09:54

Tgt Ion: 130 Resp: 120440

Ion Ratio Lower Upper

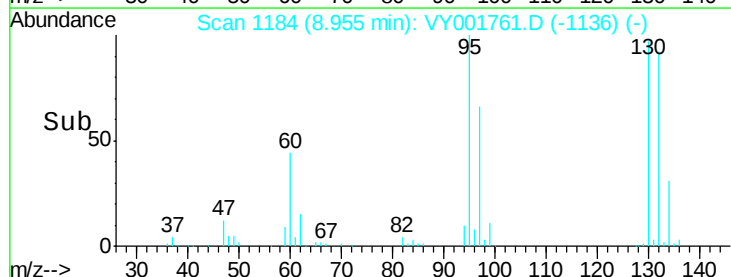
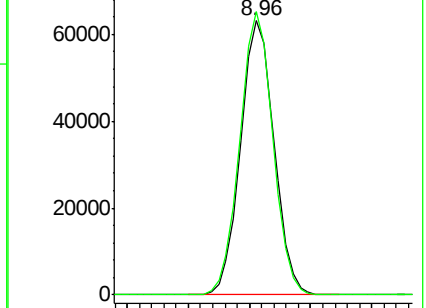
130 100

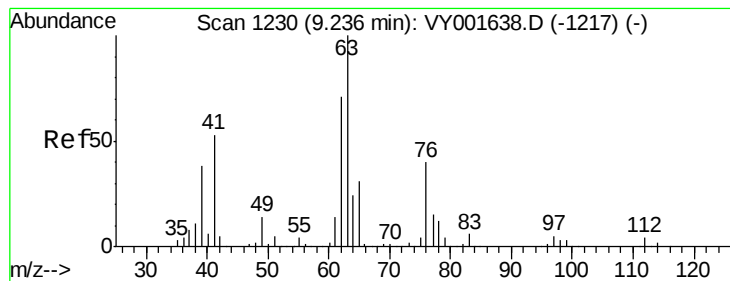
95 103.2 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001638.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001638.D (-1175) (-)





#45

1,2-Dichloropropane

Concen: 49.24 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

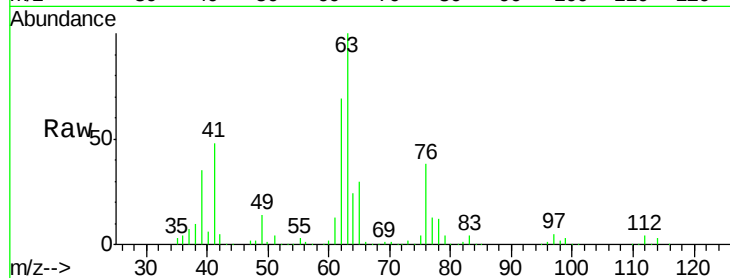
VSTDCCC050

Tgt Ion: 63 Resp: 124912

Ion Ratio Lower Upper

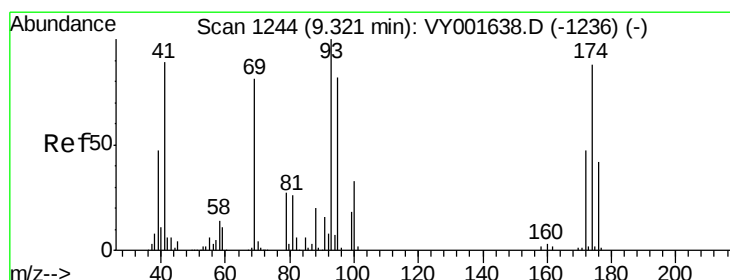
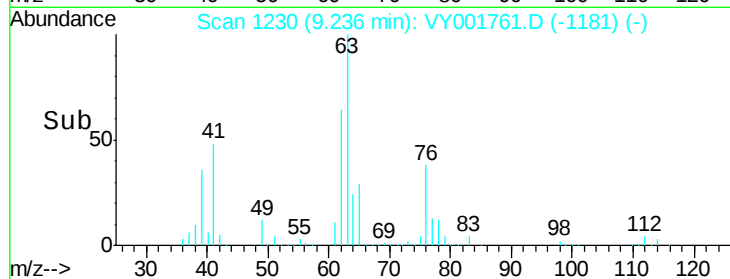
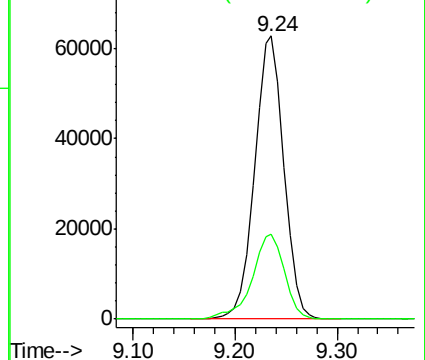
63 100

65 29.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 45.89 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

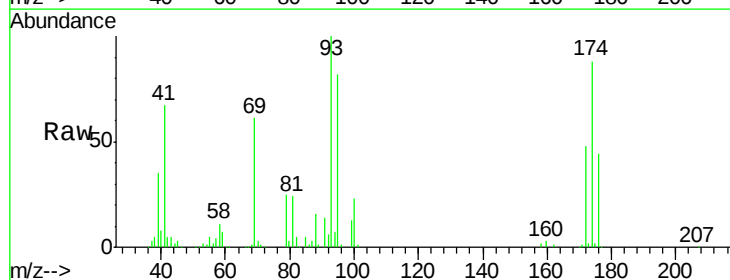
Tgt Ion: 93 Resp: 60892

Ion Ratio Lower Upper

93 100

95 84.5 66.1 99.1

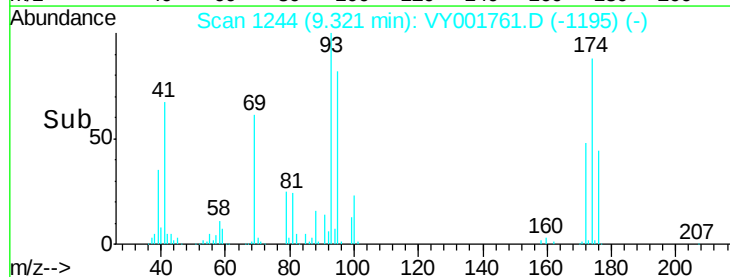
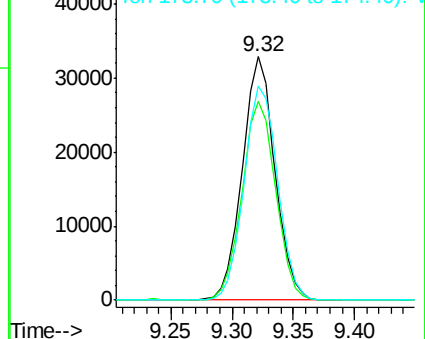
174 91.1 72.5 108.7

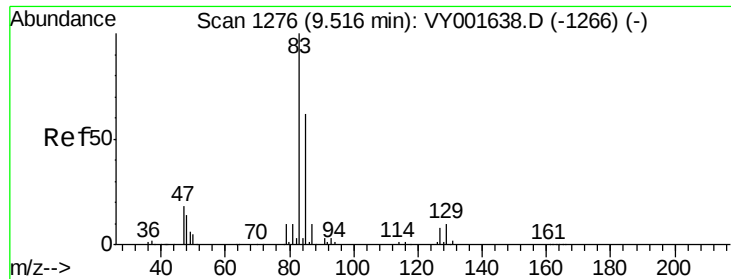


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

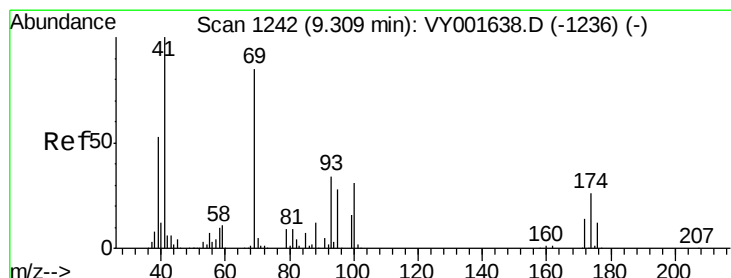
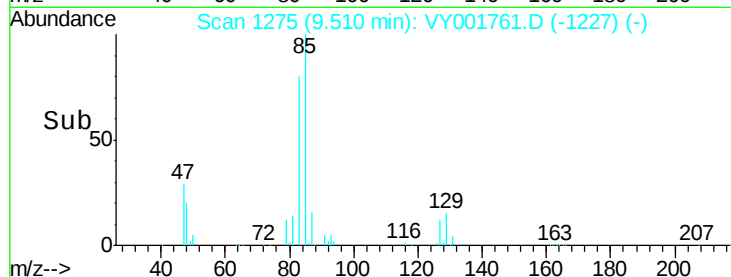
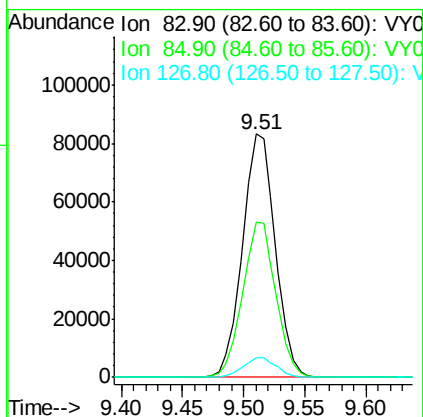
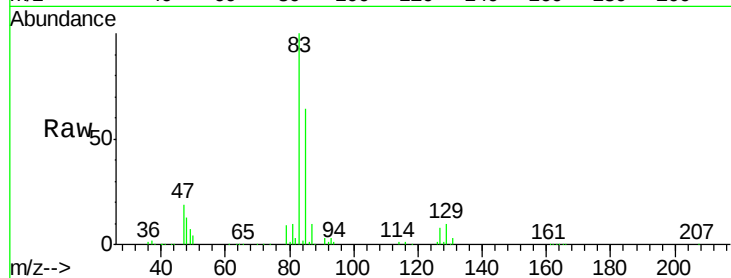




#47
 Bromodichloromethane
 Concen: 48.28 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

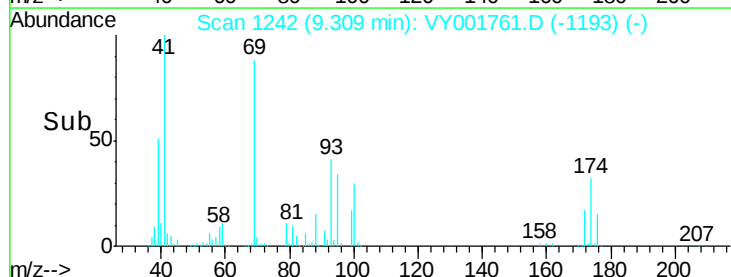
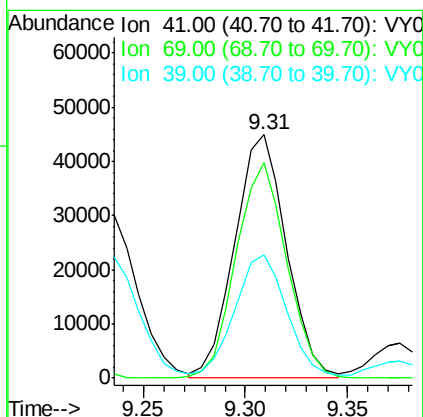
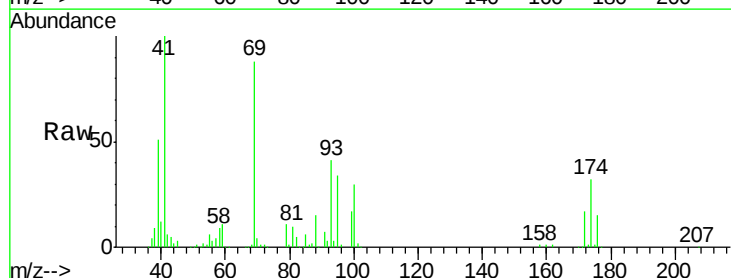
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

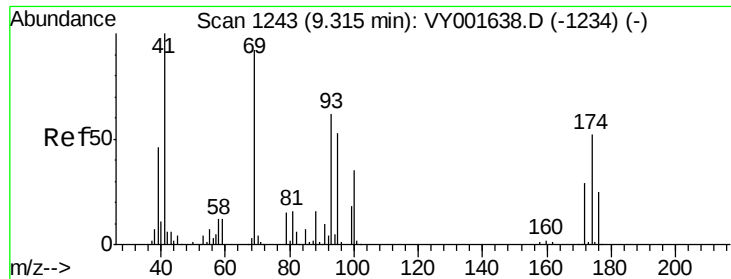
Tgt Ion: 83 Resp: 154610
 Ion Ratio Lower Upper
 83 100
 85 63.5 51.4 77.0
 127 7.9 6.4 9.6



#48
 Methyl methacrylate
 Concen: 45.01 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 41 Resp: 79389
 Ion Ratio Lower Upper
 41 100
 69 86.6 70.7 106.1
 39 48.8 42.2 63.2

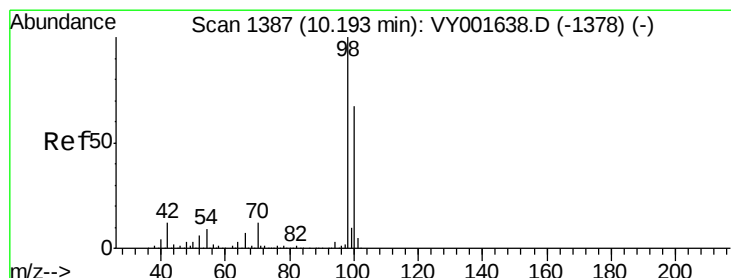
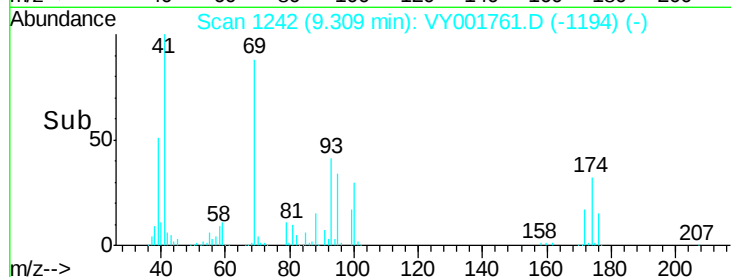
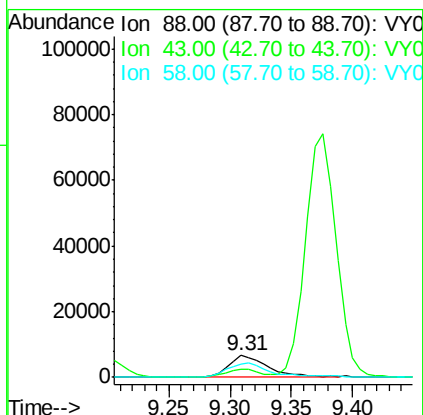
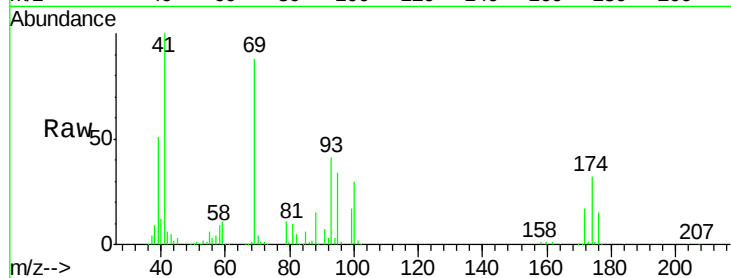




#49
1,4-Dioxane
Concen: 809.84 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

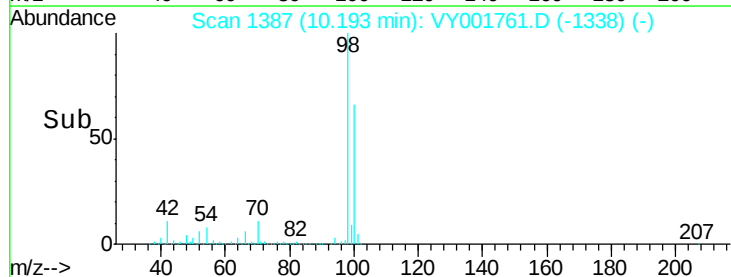
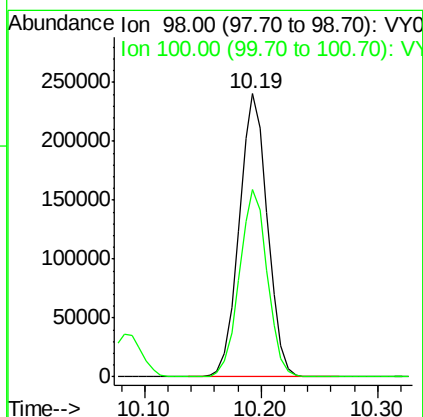
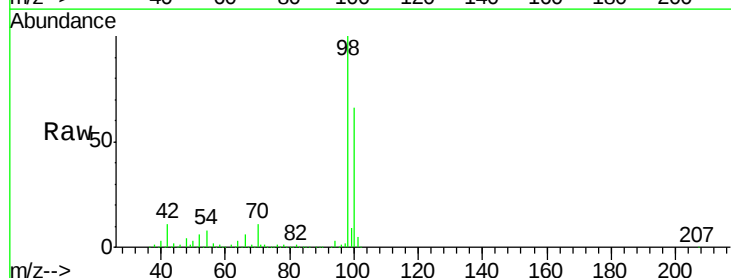
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

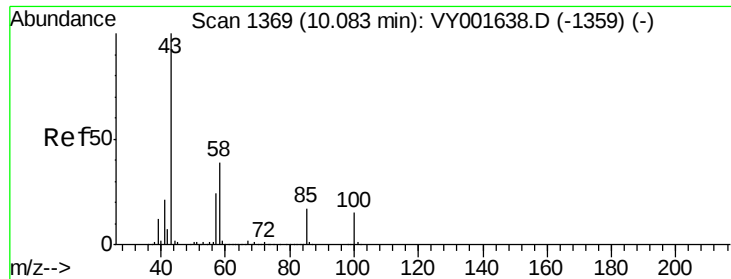
Tgt Ion: 88 Resp: 15177
Ion Ratio Lower Upper
88 100
43 30.5 23.1 34.7
58 67.2 58.1 87.1



#50
Toluene-d8
Concen: 50.16 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion: 98 Resp: 405808
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

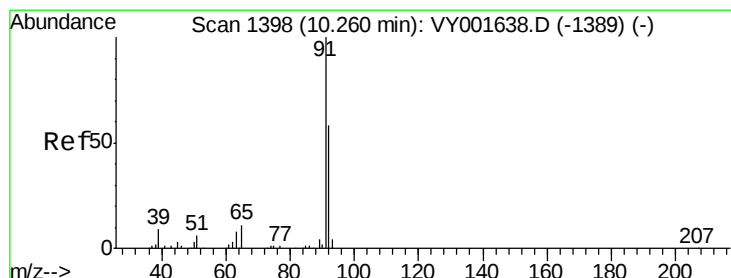
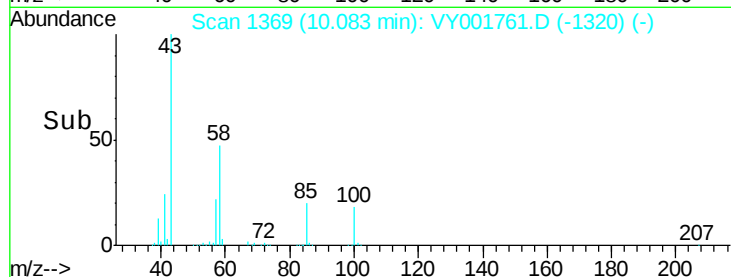
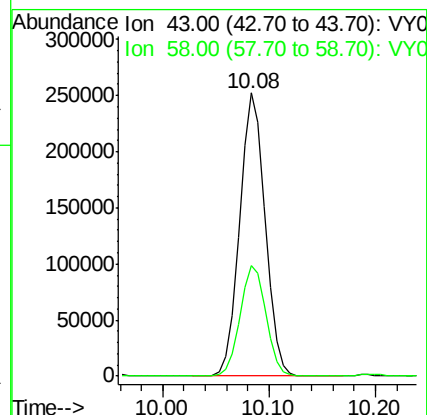
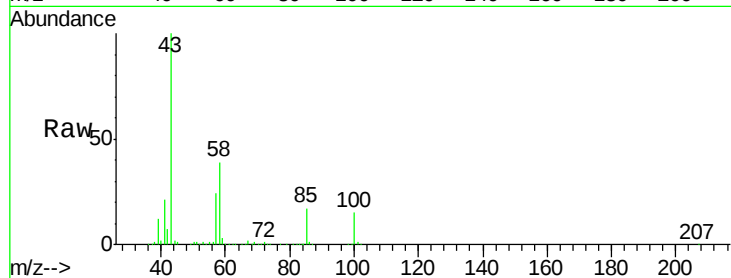




#51
 4-Methyl-2-Pentanone
 Concen: 212.20 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

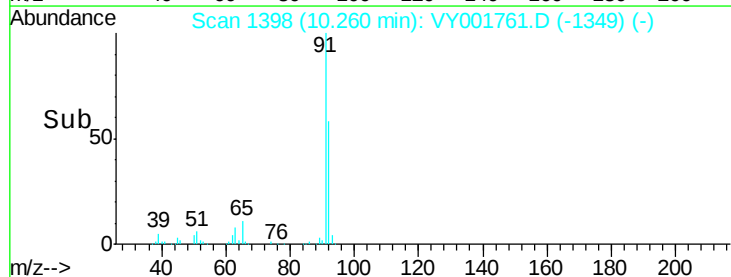
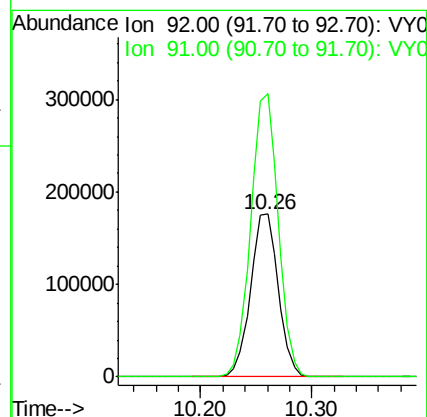
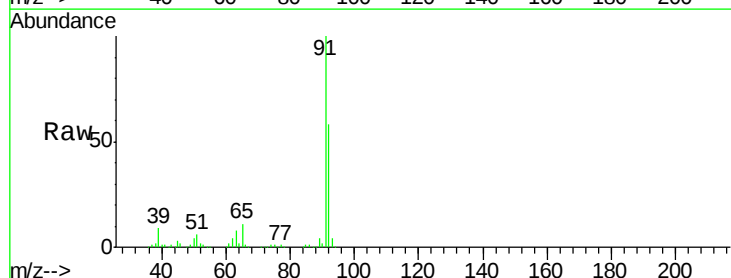
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

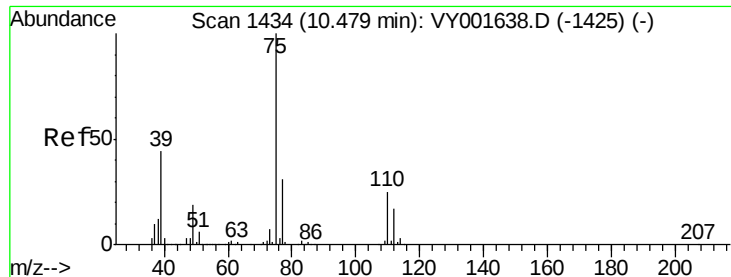
Tgt Ion: 43 Resp: 425239
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.2 48.4



#52
 Toluene
 Concen: 48.26 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 92 Resp: 304945
 Ion Ratio Lower Upper
 92 100
 91 172.3 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 47.53 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampled :

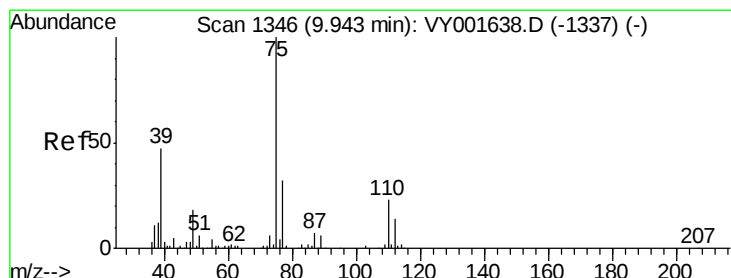
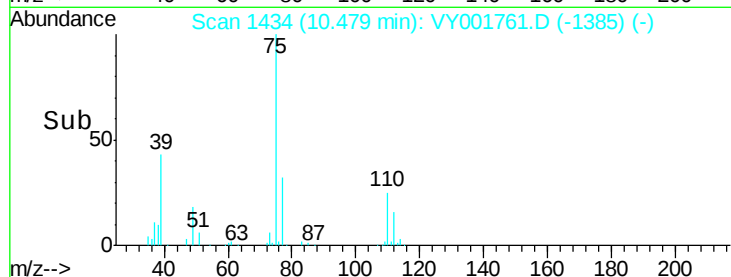
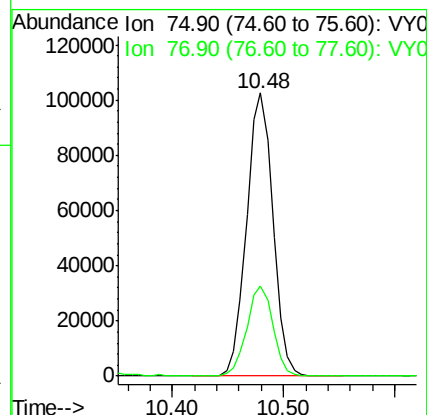
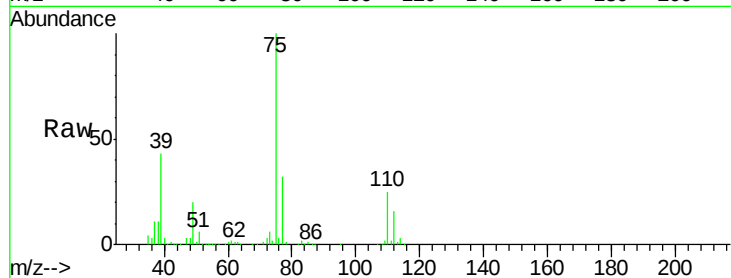
VSTDCCC050

Tgt Ion: 75 Resp: 168256

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 48.64 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

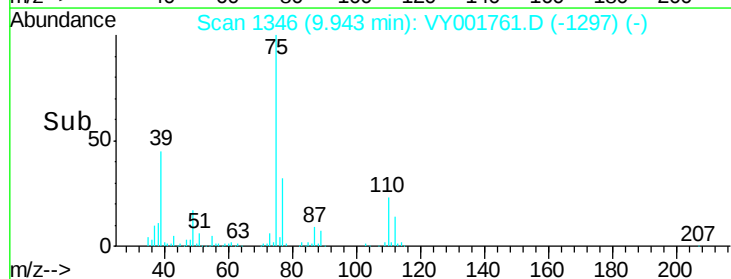
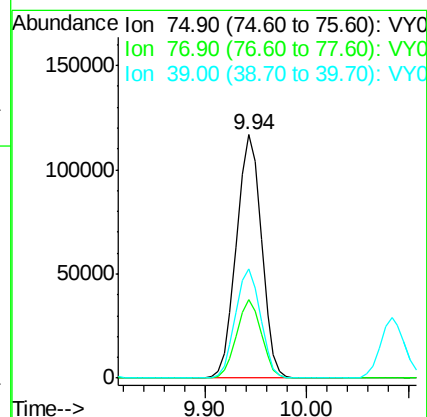
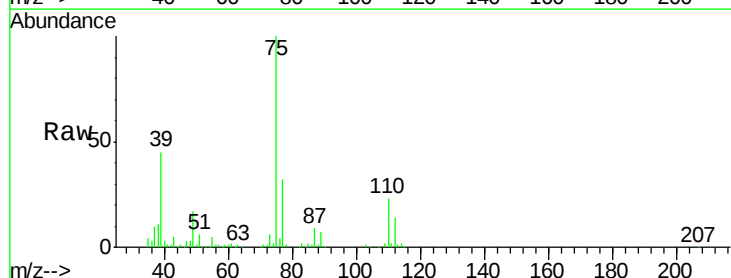
Tgt Ion: 75 Resp: 198194

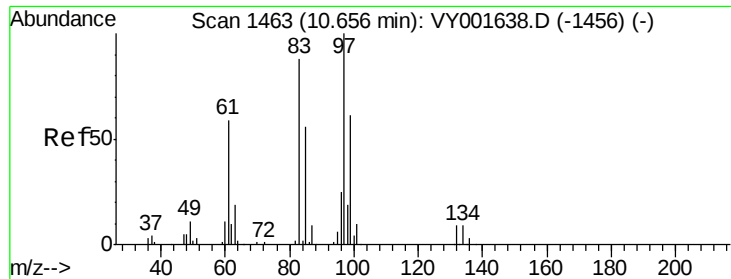
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

39 44.7 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 46.44 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 90856

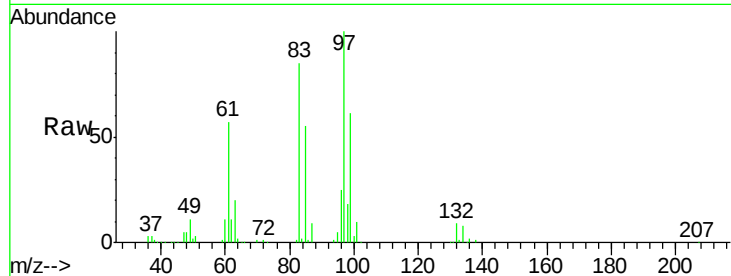
Ion Ratio Lower Upper

97 100

83 84.9 69.7 104.5

85 55.3 44.5 66.7

99 61.0 49.6 74.4

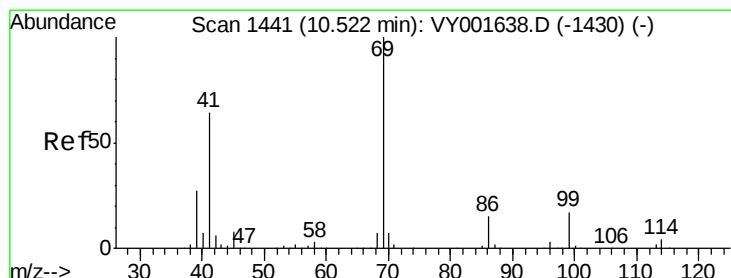
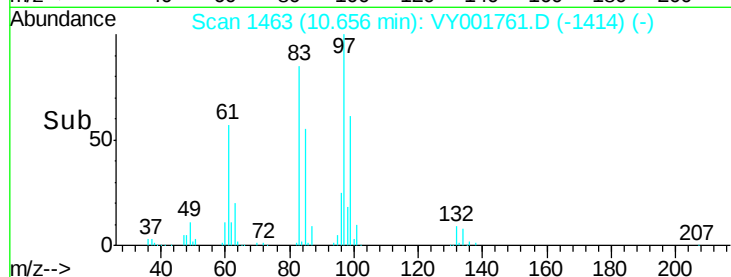
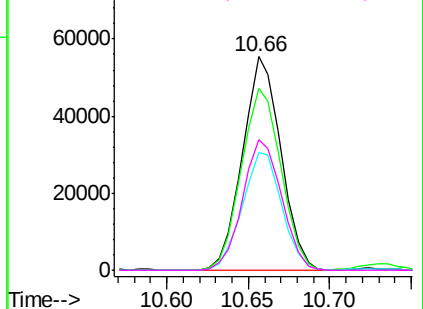


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 45.23 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

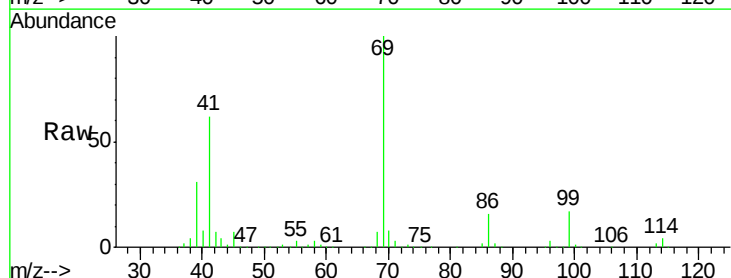
Tgt Ion: 69 Resp: 132762

Ion Ratio Lower Upper

69 100

41 64.4 51.0 76.4

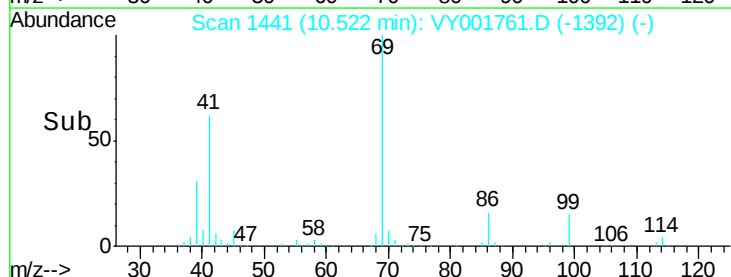
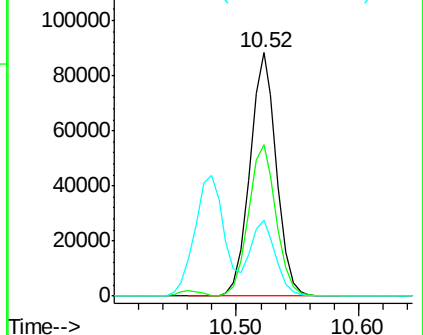
39 29.1 24.7 37.1

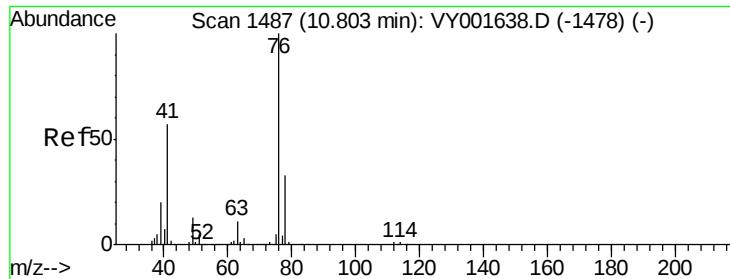


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

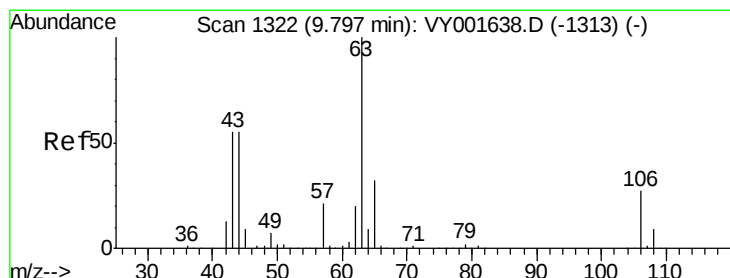
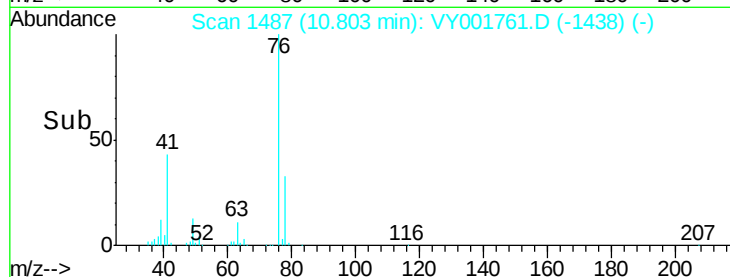
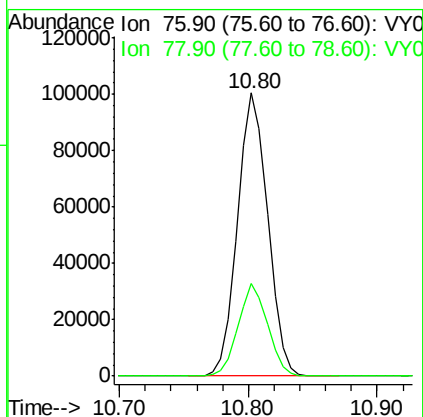
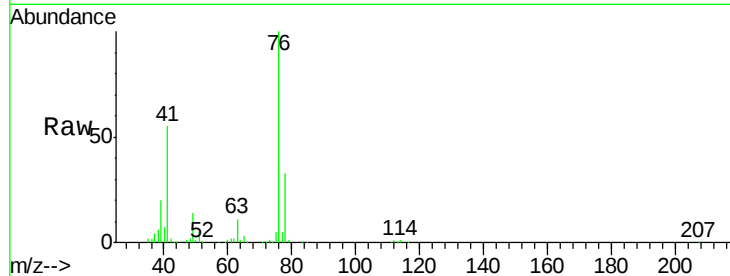




#57
 1,3-Dichloropropane
 Concen: 46.86 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

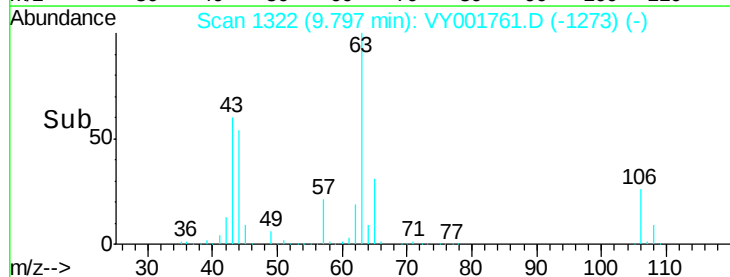
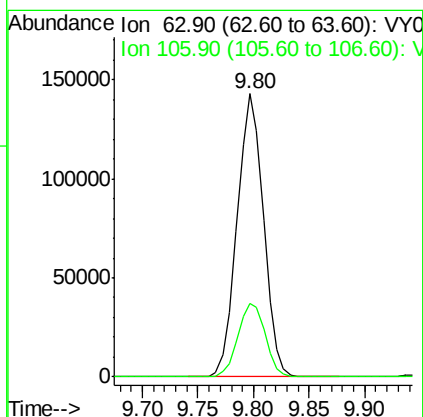
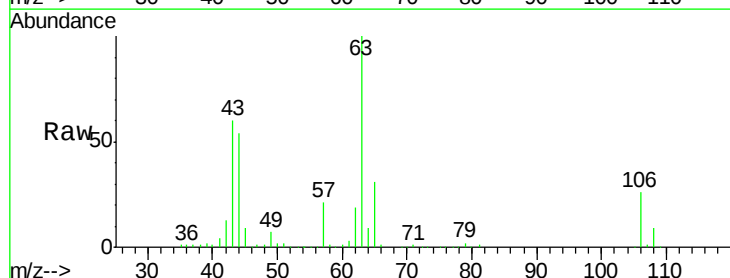
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

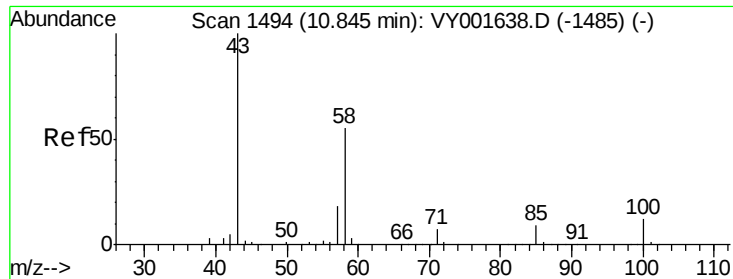
Tgt Ion: 76 Resp: 162894
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 208.86 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 63 Resp: 234017
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.6 32.4

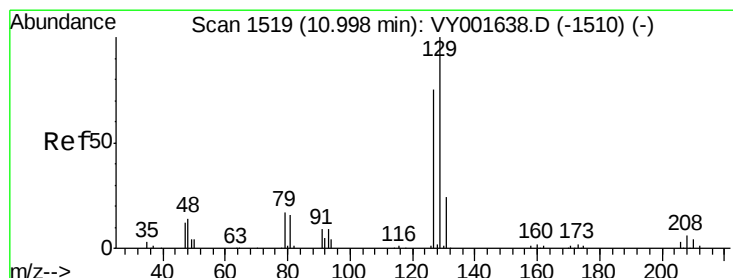
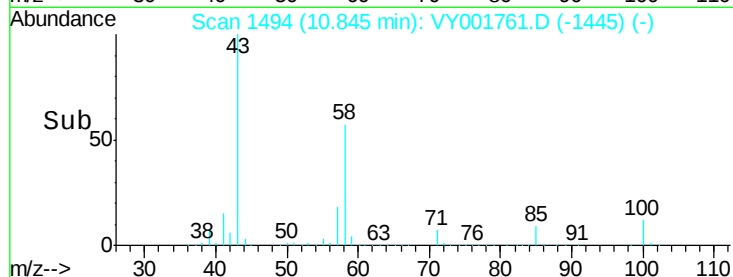
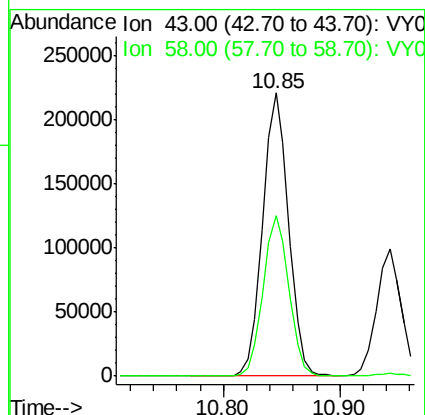
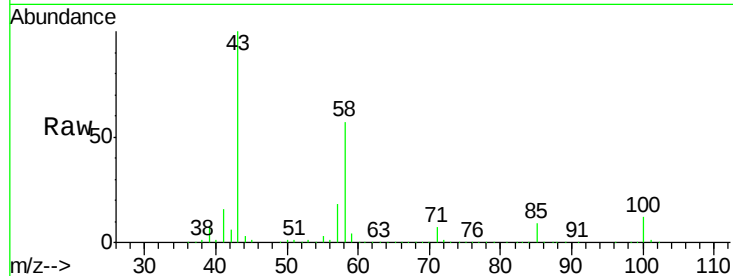




#59
2-Hexanone
Concen: 226.15 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

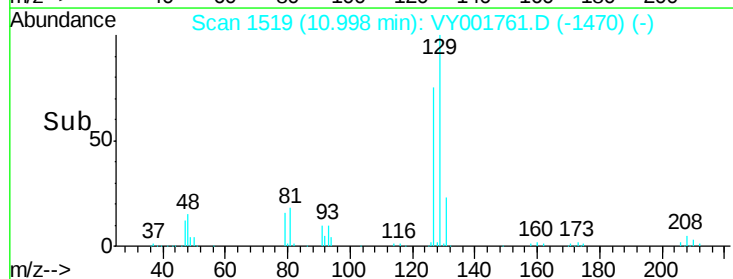
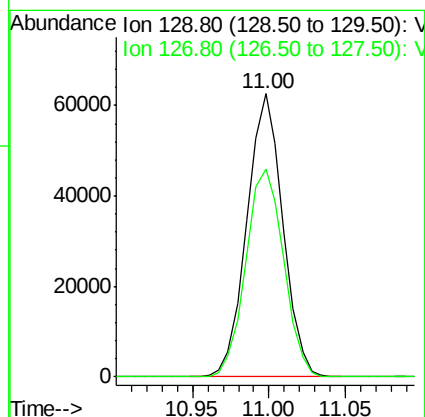
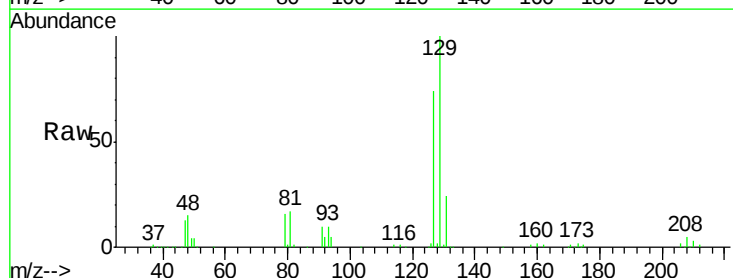
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

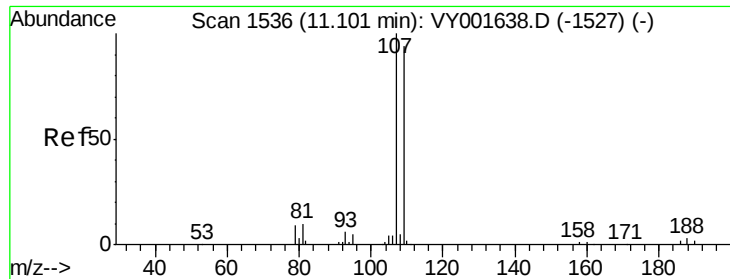
Tgt Ion: 43 Resp: 340051
Ion Ratio Lower Upper
43 100
58 56.4 28.4 85.2



#60
Dibromochloromethane
Concen: 47.35 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion: 129 Resp: 102146
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

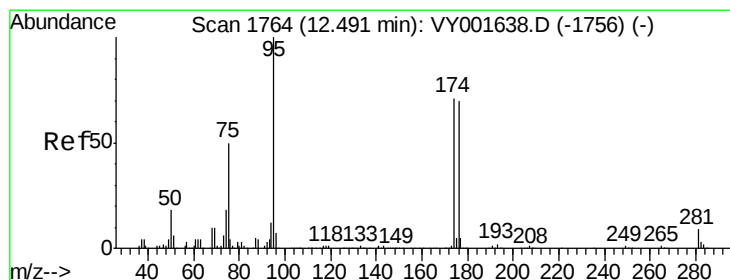
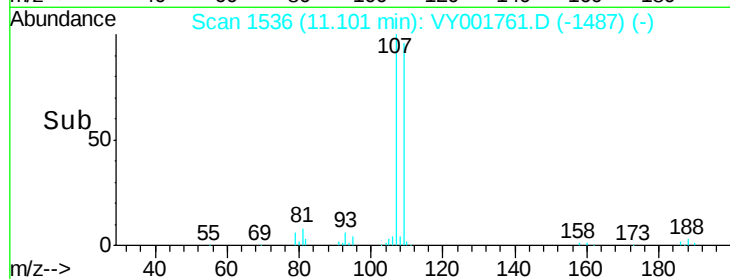
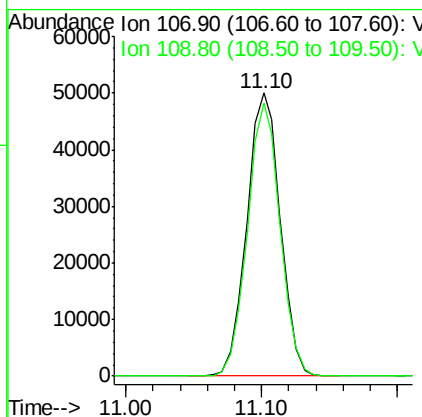
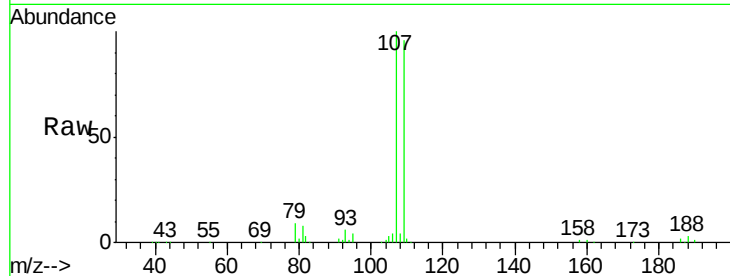




#61
 1,2-Dibromoethane
 Concen: 46.44 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

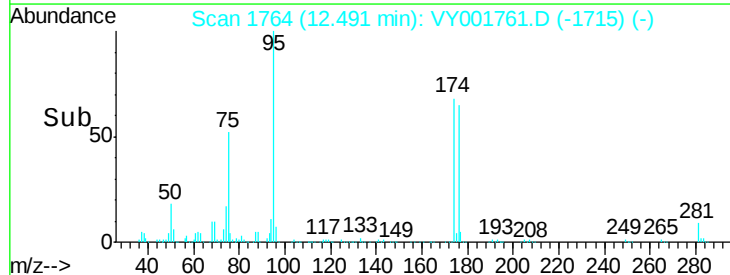
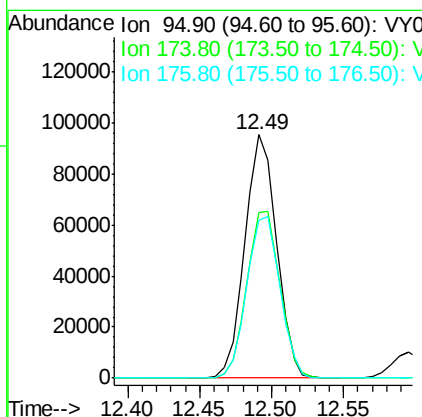
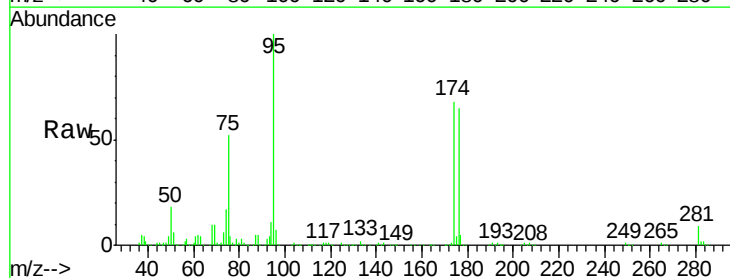
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

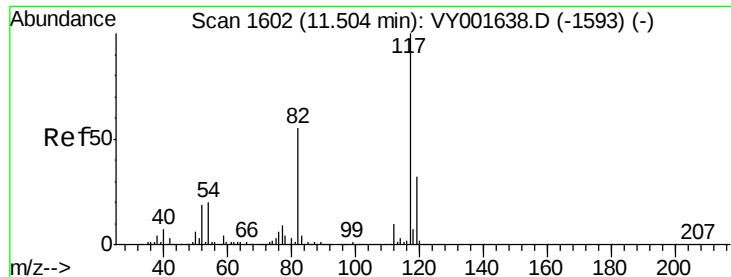
Tgt Ion: 107 Resp: 85918
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 46.18 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 95 Resp: 145164
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 138.4
 176 69.3 0.0 131.8

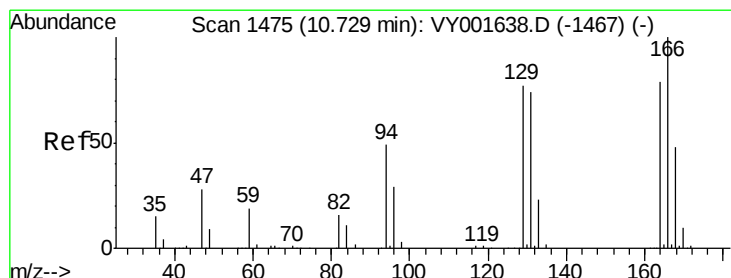
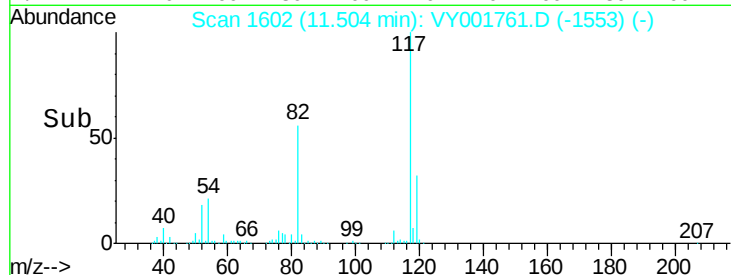
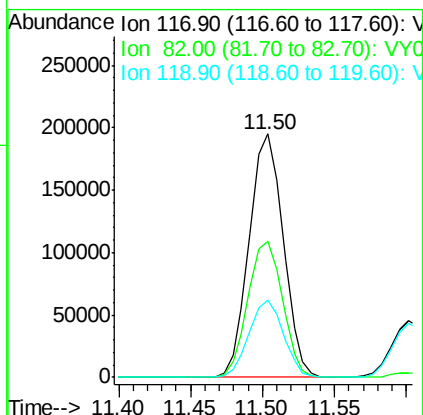
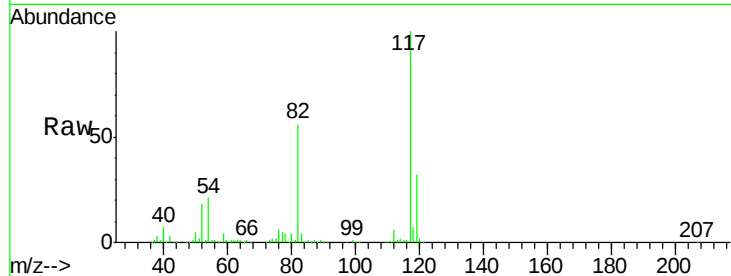




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

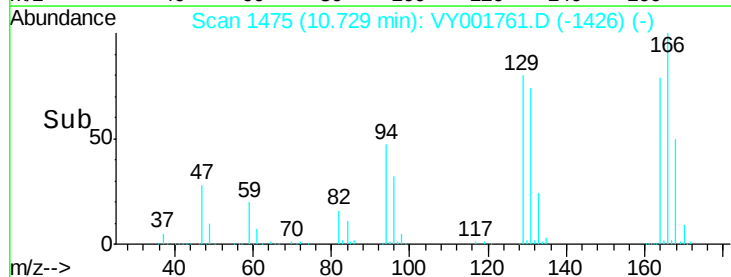
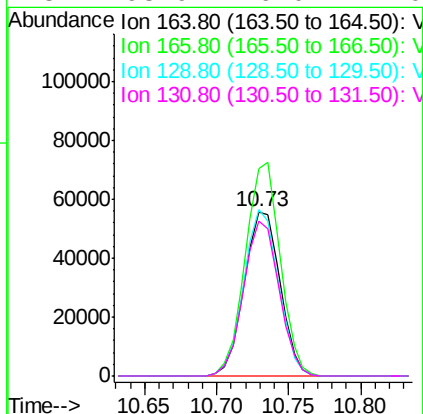
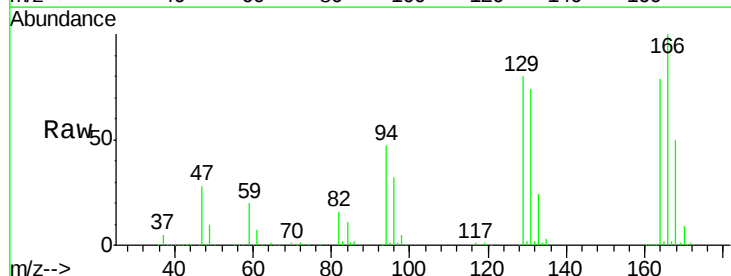
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

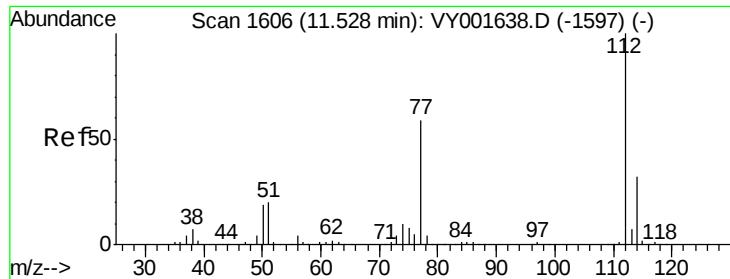
Tgt Ion:117 Resp: 320269
Ion Ratio Lower Upper
117 100
82 55.8 45.5 68.3
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 47.85 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion:164 Resp: 96201
Ion Ratio Lower Upper
164 100
166 126.6 101.4 152.0
129 101.0 78.7 118.1
131 93.9 76.0 114.0

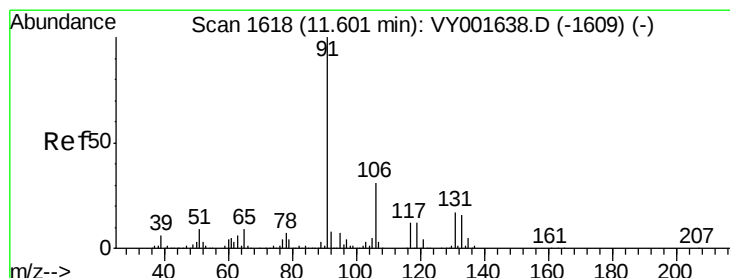
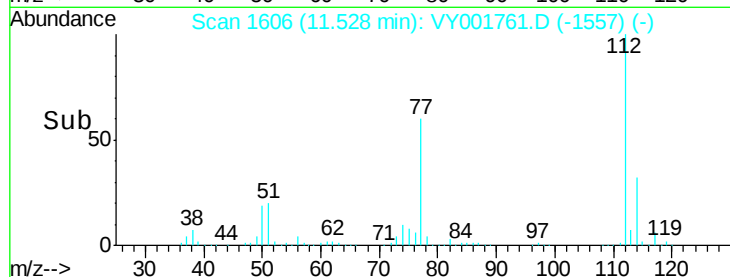
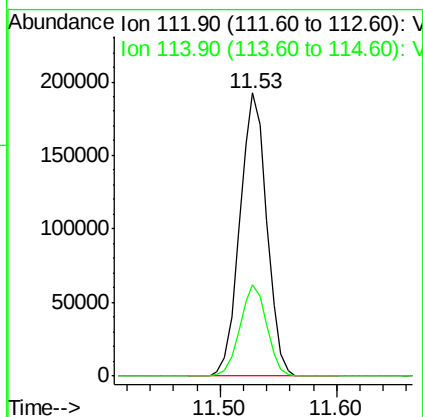
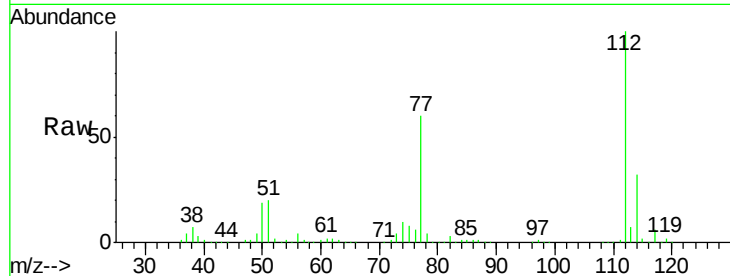




#65
Chlorobenzene
Concen: 48.40 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

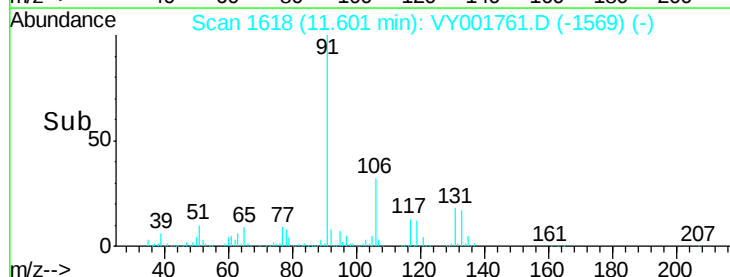
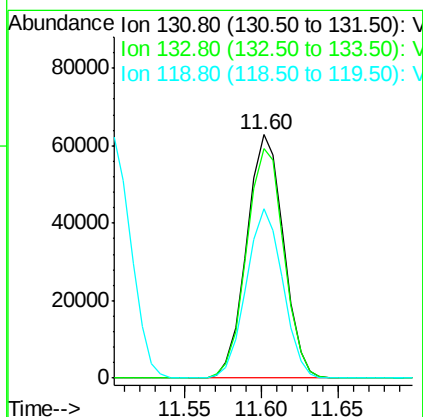
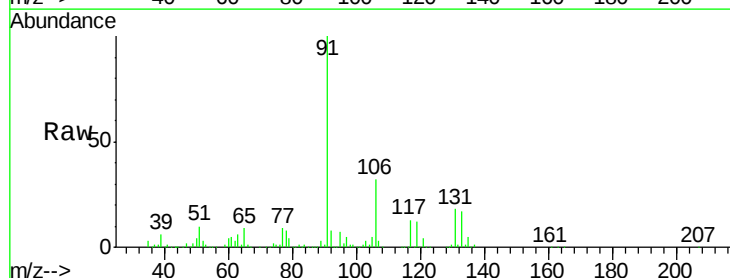
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

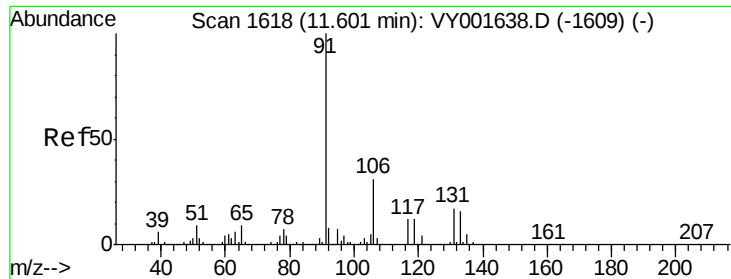
Tgt Ion:112 Resp: 309479
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.79 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion:131 Resp: 105230
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 69.1 34.4 103.1





#67

Ethyl Benzene

Concen: 49.56 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

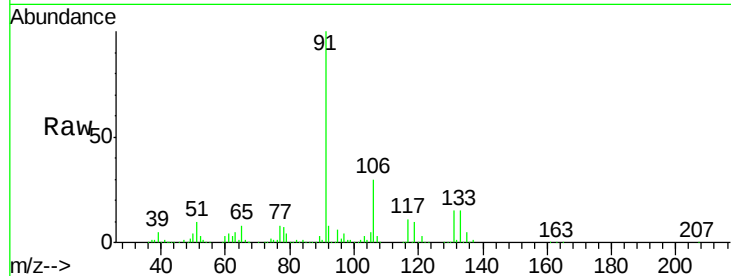
VSTDCCC050

Tgt Ion: 91 Resp: 588136

Ion Ratio Lower Upper

91 100

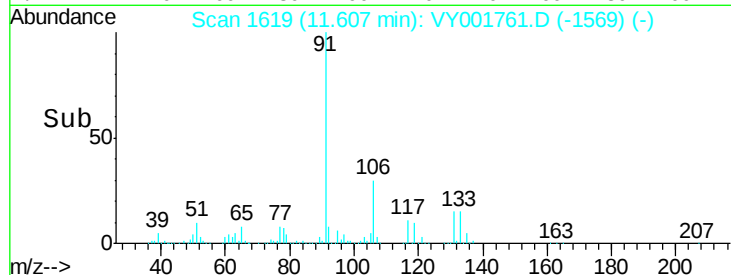
106 30.2 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1609) (-)

Ion 106.00 (105.70 to 106.70): VY001638.D (-1609) (-)

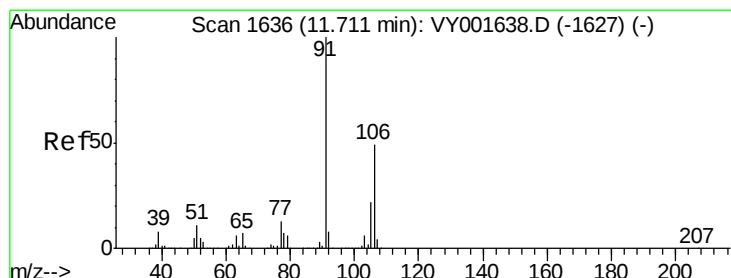
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VY001761.D (-1569) (-)

Ion 106.00 (105.70 to 106.70): VY001761.D (-1569) (-)

Time-->



#68

m/p-Xylenes

Concen: 98.18 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001761.D

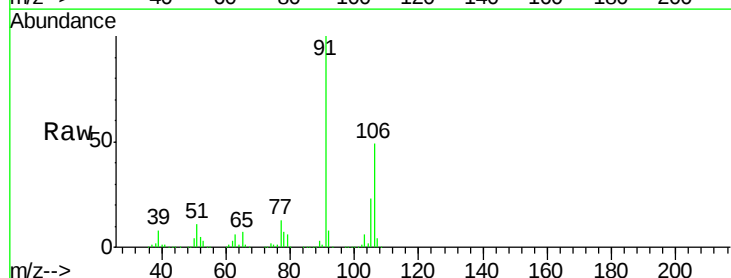
Acq: 24 Feb 2020 09:54

Tgt Ion: 106 Resp: 435161

Ion Ratio Lower Upper

106 100

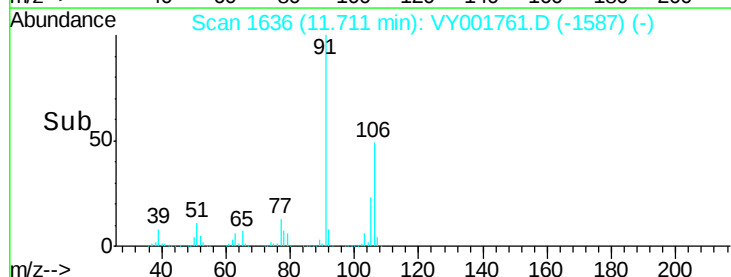
91 203.5 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VY001638.D (-1627) (-)

Ion 91.00 (90.70 to 91.70): VY001638.D (-1627) (-)

Time-->



Abundance Ion 106.00 (105.70 to 106.70): VY001761.D (-1587) (-)

Ion 91.00 (90.70 to 91.70): VY001761.D (-1587) (-)

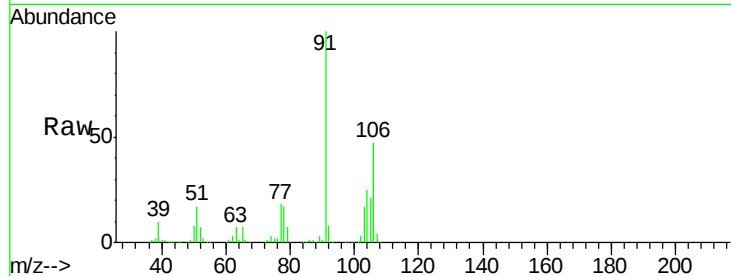
Time-->



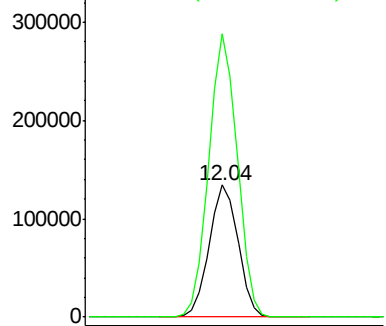
#69
o-Xylene
Concen: 49.29 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

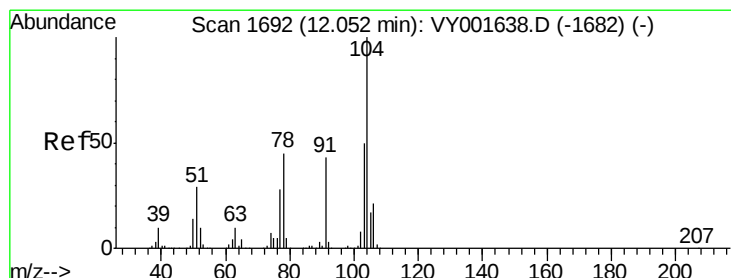
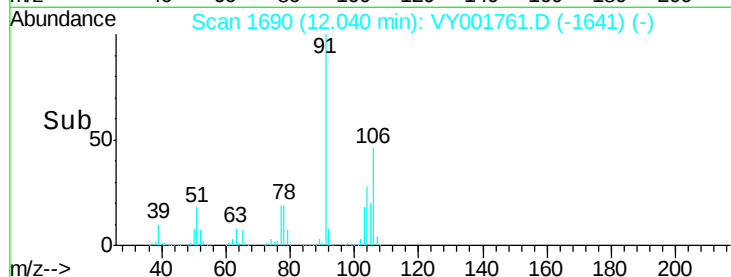
Tgt Ion:106 Resp: 207706
Ion Ratio Lower Upper
106 100
91 212.2 108.3 324.9



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

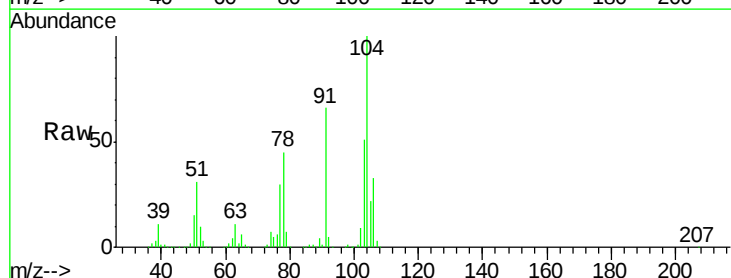


Time-->

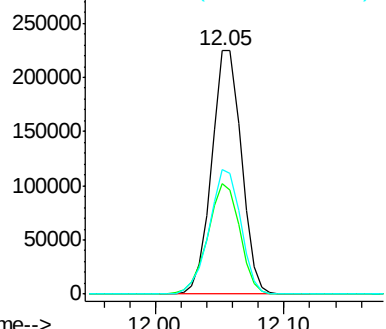


#70
Styrene
Concen: 48.91 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

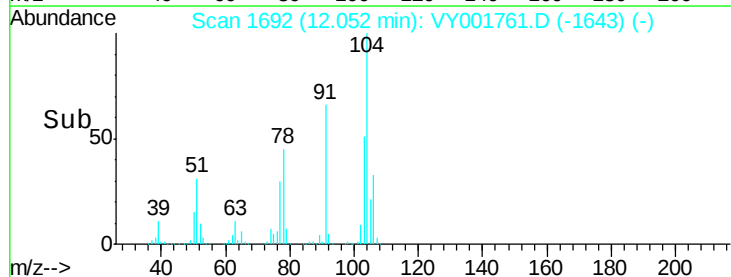
Tgt Ion:104 Resp: 358211
Ion Ratio Lower Upper
104 100
78 48.8 39.2 58.8
103 54.2 43.0 64.6

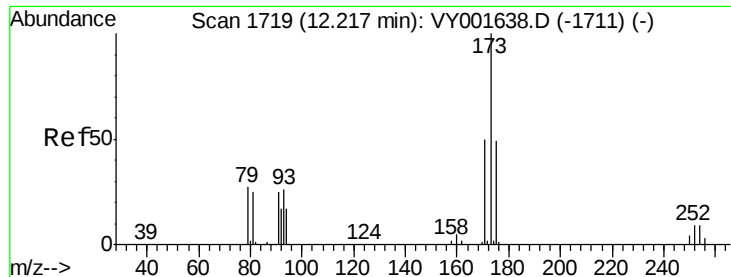


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 44.87 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

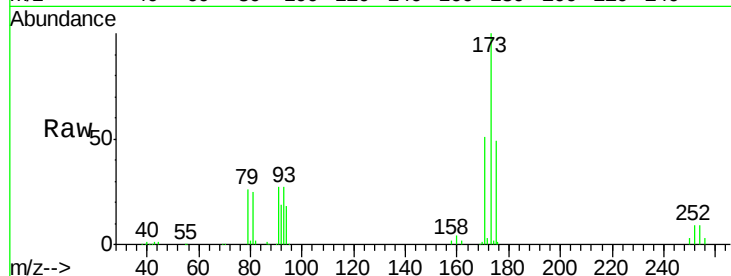
Tgt Ion:173 Resp: 55310

Ion Ratio Lower Upper

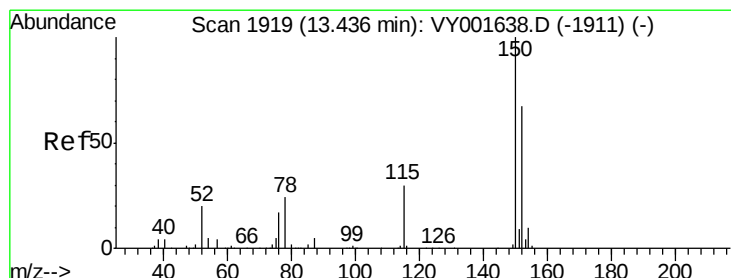
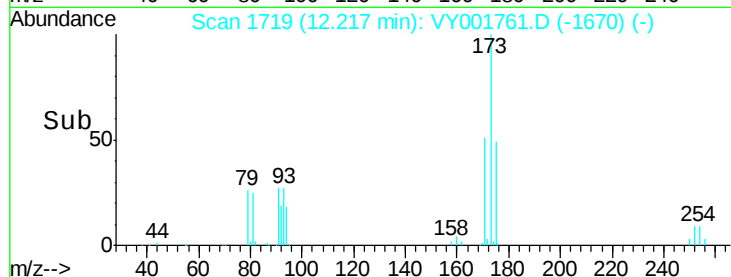
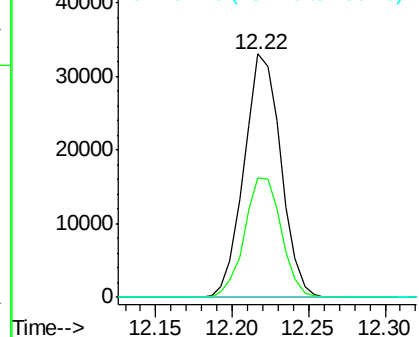
173 100

175 49.2 24.3 73.0

254 0.0 0.1 0.1#



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: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

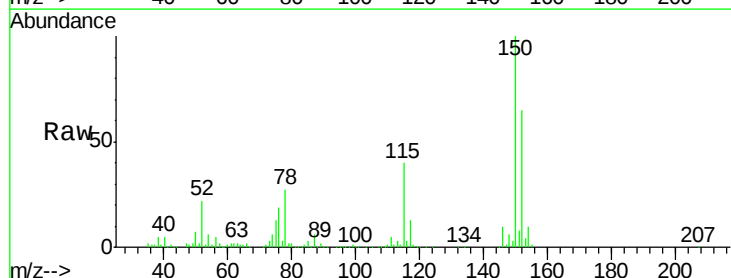
Tgt Ion:152 Resp: 148073

Ion Ratio Lower Upper

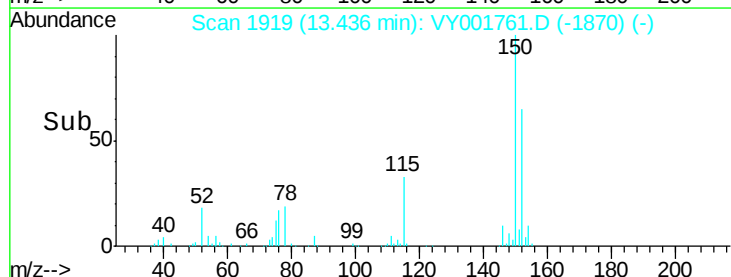
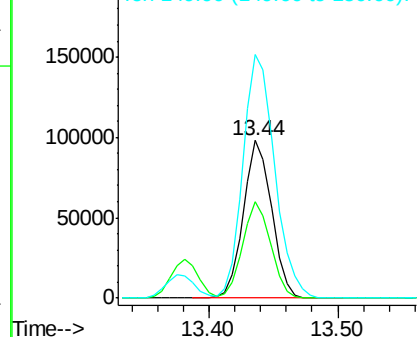
152 100

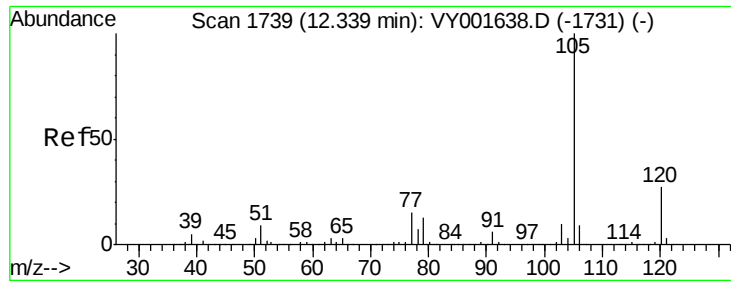
115 60.8 31.4 94.2

150 173.9 0.0 407.2



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





#73

Isopropylbenzene

Concen: 50.10 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

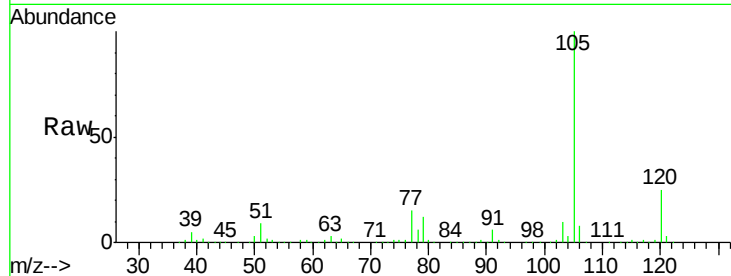
VSTDCCC050

Tgt Ion: 105 Resp: 565155

Ion Ratio Lower Upper

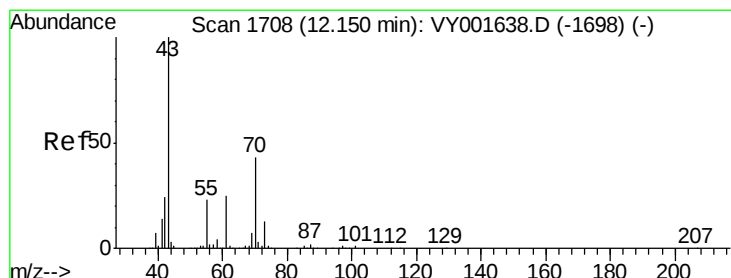
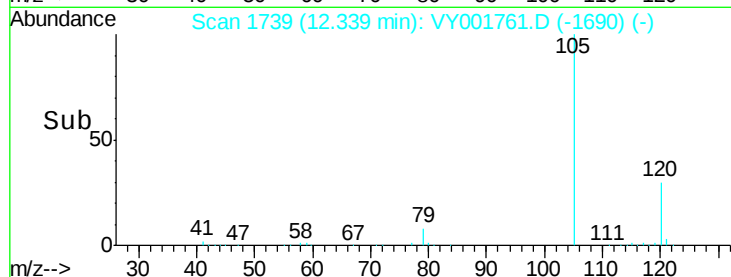
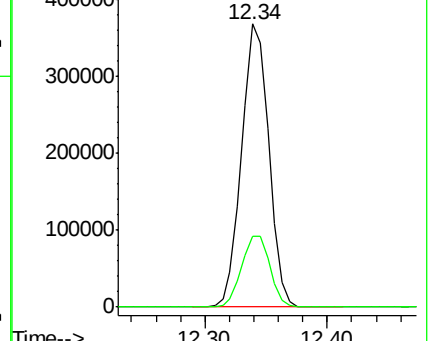
105 100

120 26.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.06 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Tgt Ion: 43 Resp: 158603

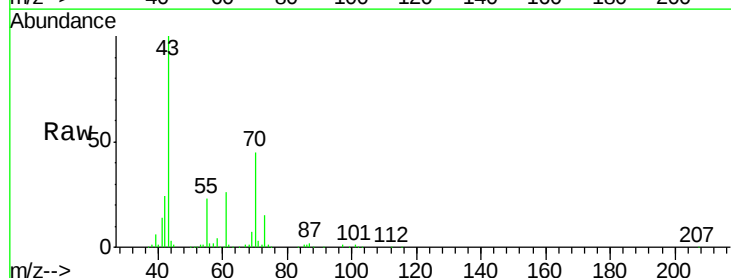
Ion Ratio Lower Upper

43 100

70 44.3 35.9 53.9

55 22.6 18.3 27.5

61 25.6 20.7 31.1

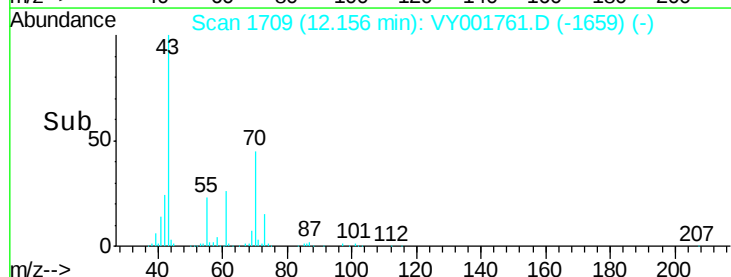
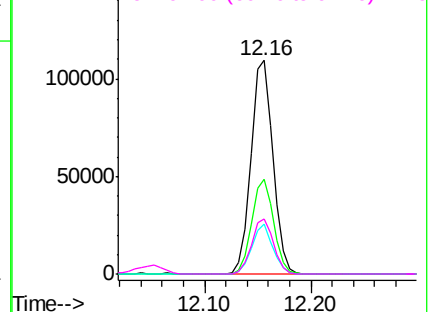


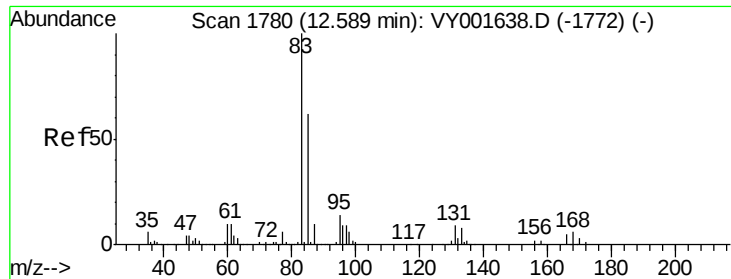
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 45.34 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

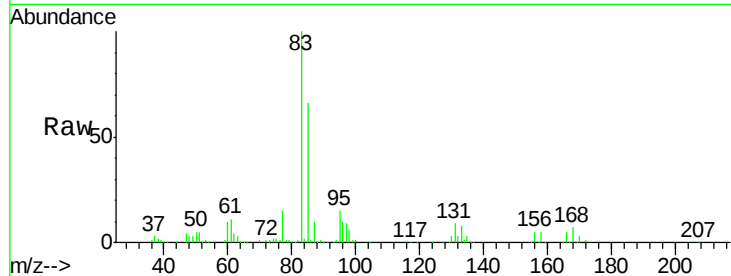
Tgt Ion: 83 Resp: 109216

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.1

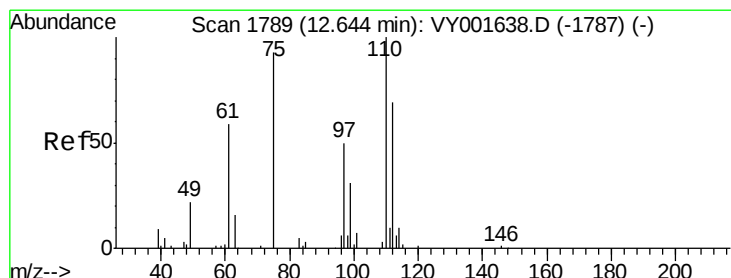
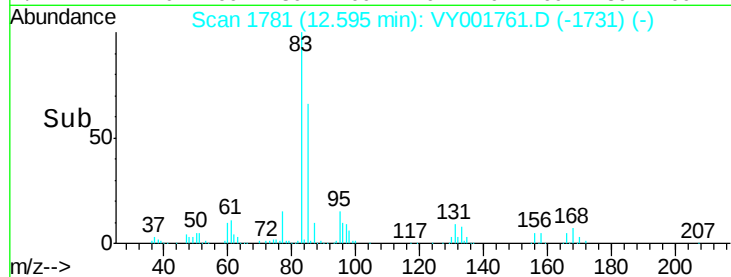
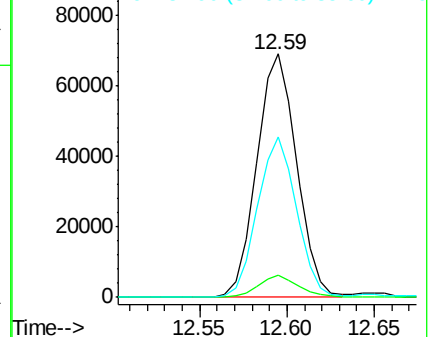
85 64.7 31.6 94.7



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: 84.01 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY001761.D

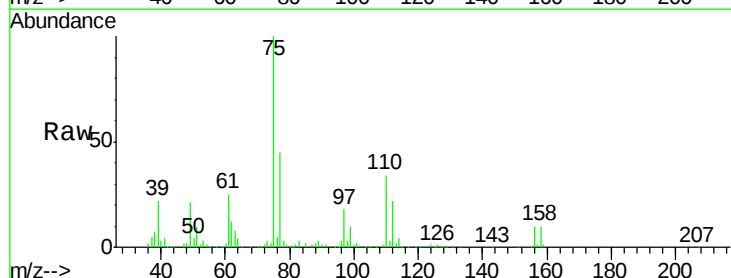
Acq: 24 Feb 2020 09:54

Tgt Ion: 75 Resp: 142707

Ion Ratio Lower Upper

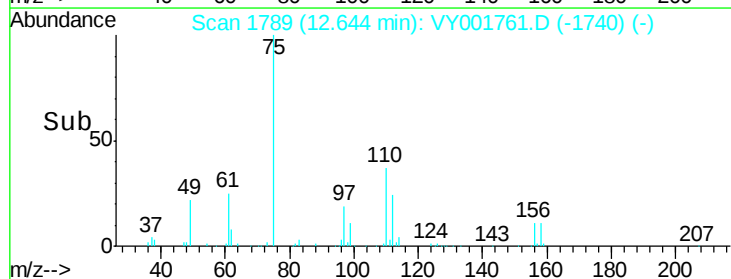
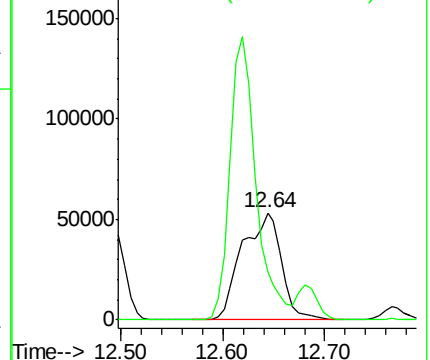
75 100

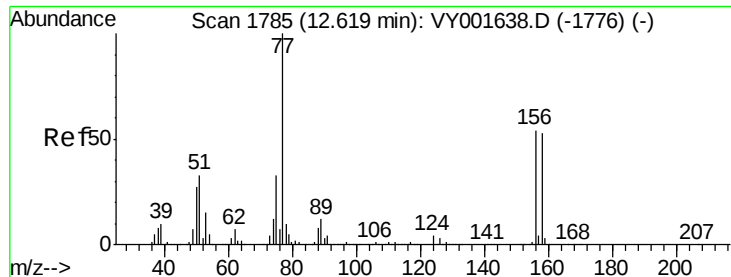
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 47.94 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

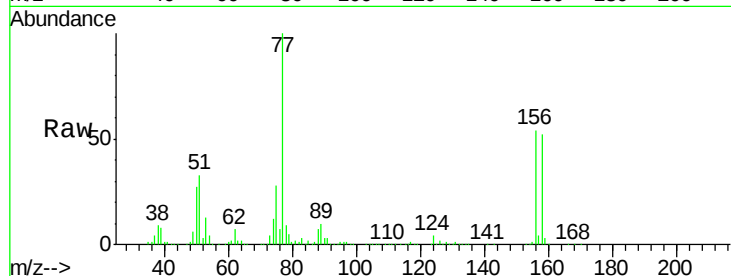
Tgt Ion:156 Resp: 117221

Ion Ratio Lower Upper

156 100

77 213.8 110.1 330.1

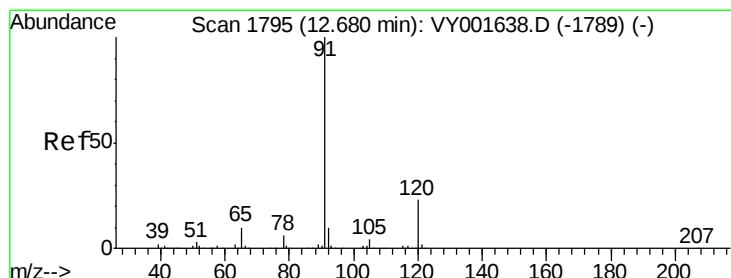
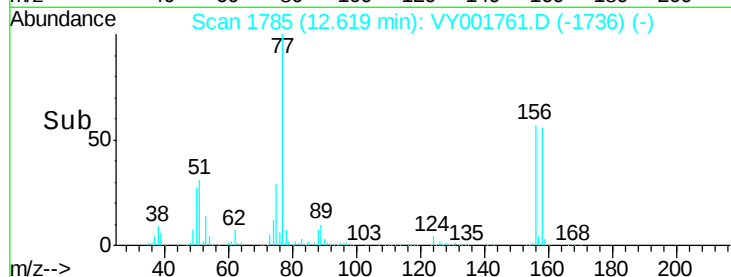
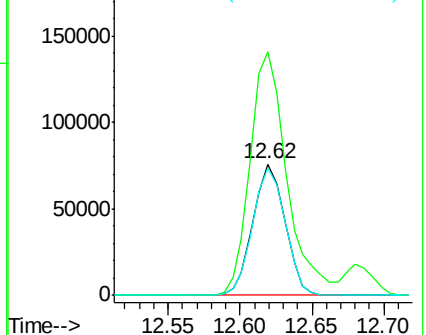
158 98.2 47.9 143.7



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: 50.09 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001761.D

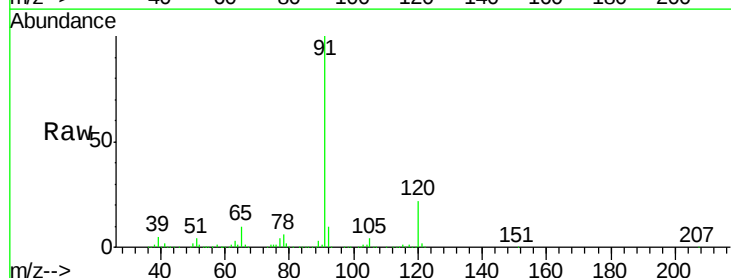
Acq: 24 Feb 2020 09:54

Tgt Ion: 91 Resp: 688203

Ion Ratio Lower Upper

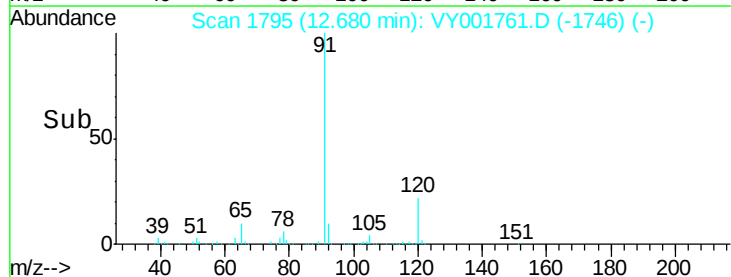
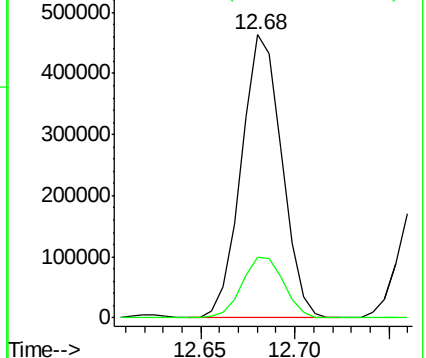
91 100

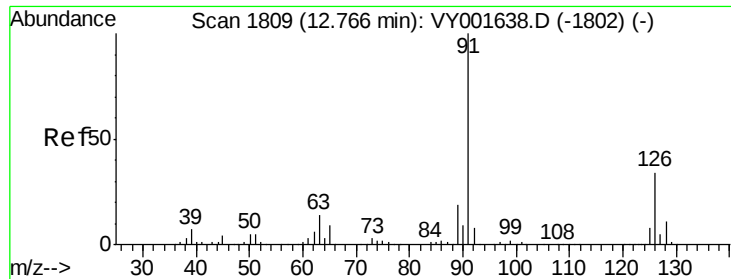
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

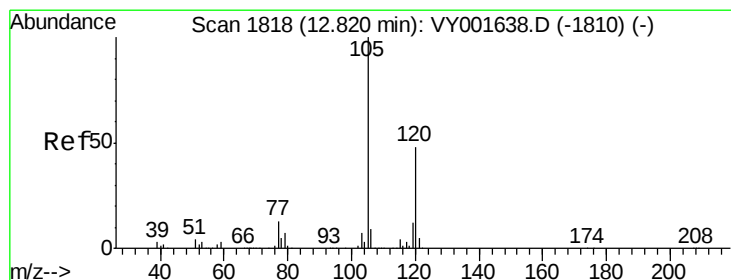
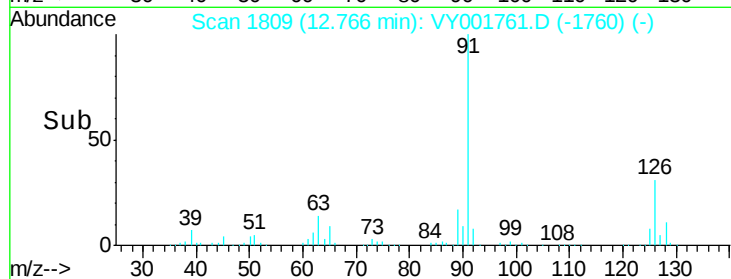
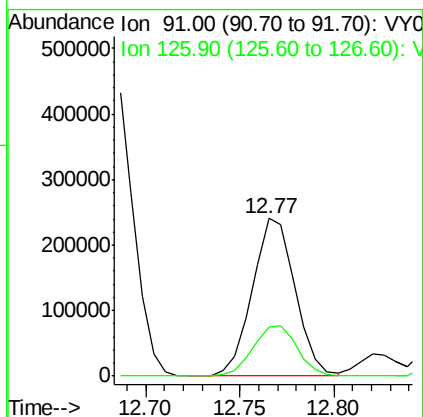
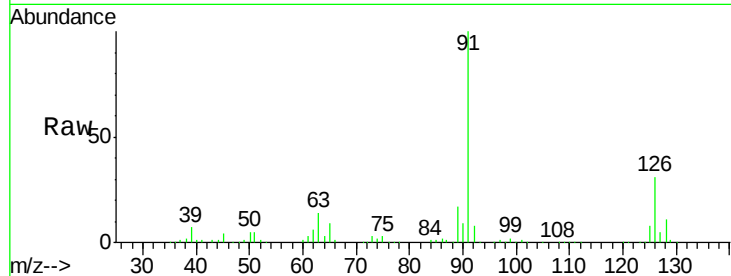




#79
 2-Chlorotoluene
 Concen: 49.17 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

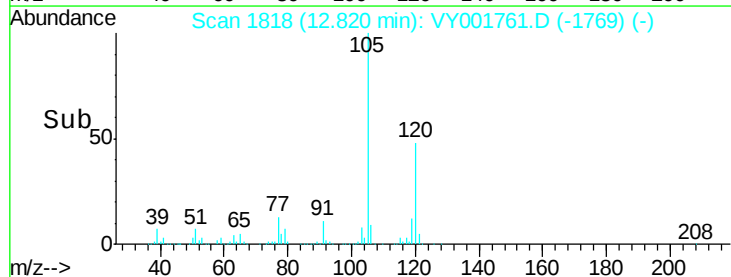
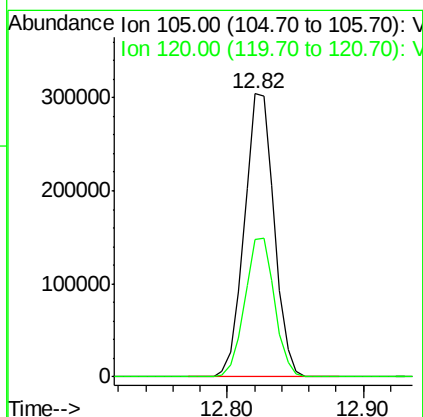
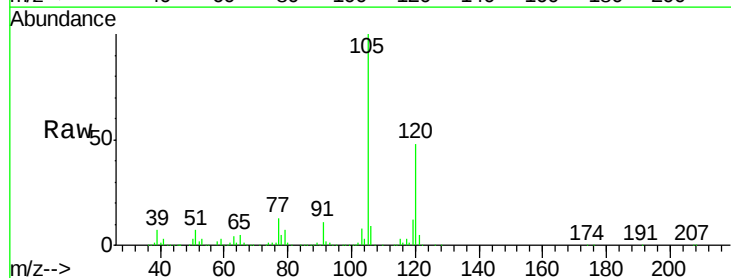
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

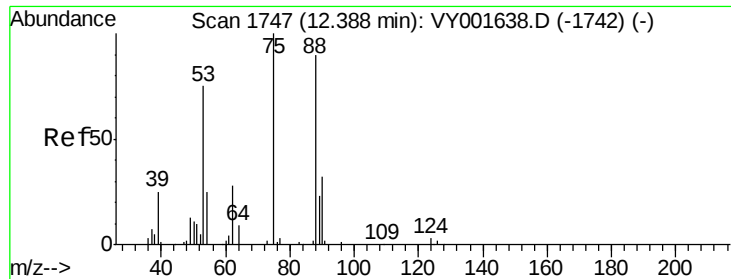
Tgt Ion: 91 Resp: 378916
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.63 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 105 Resp: 463406
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 47.27 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001761.D

Acq: 24 Feb 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

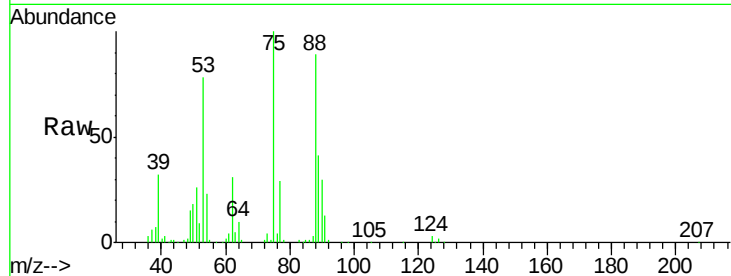
Tgt Ion: 75 Resp: 42318

Ion Ratio Lower Upper

75 100

53 80.4 64.5 96.7

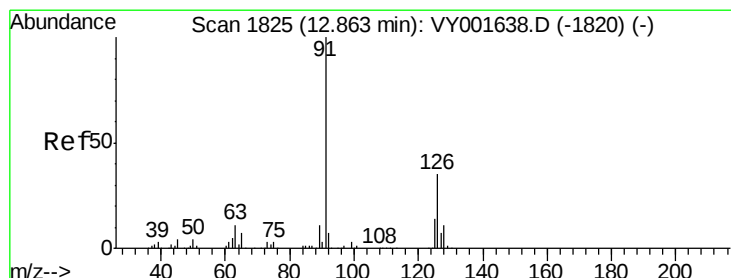
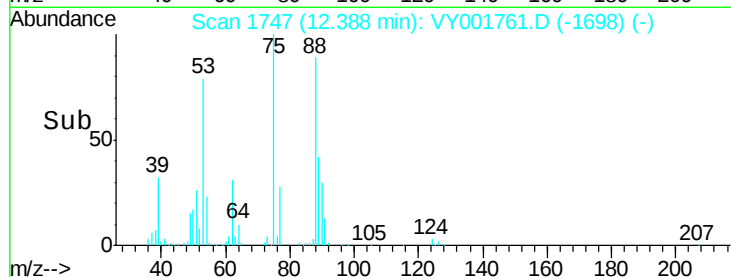
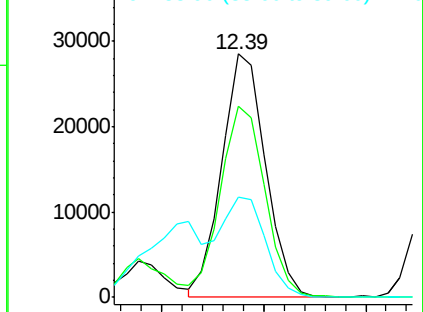
89 44.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 49.21 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001761.D

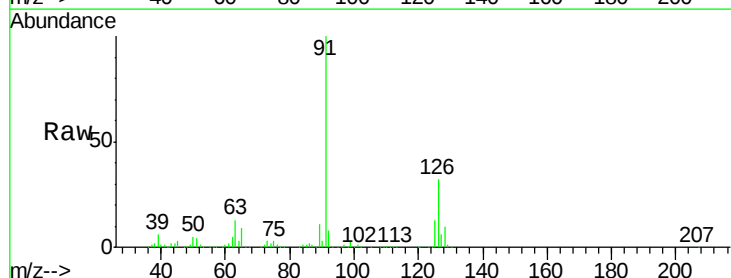
Acq: 24 Feb 2020 09:54

Tgt Ion: 91 Resp: 399899

Ion Ratio Lower Upper

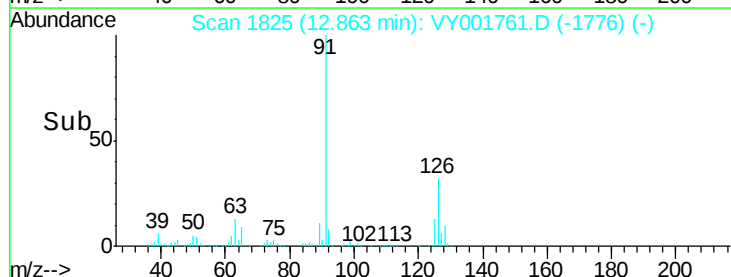
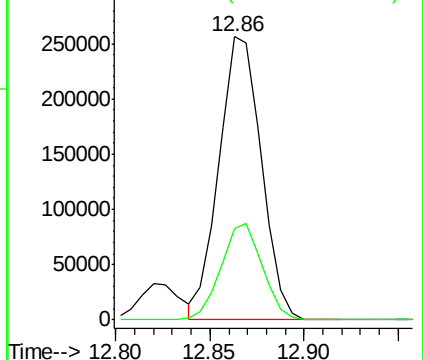
91 100

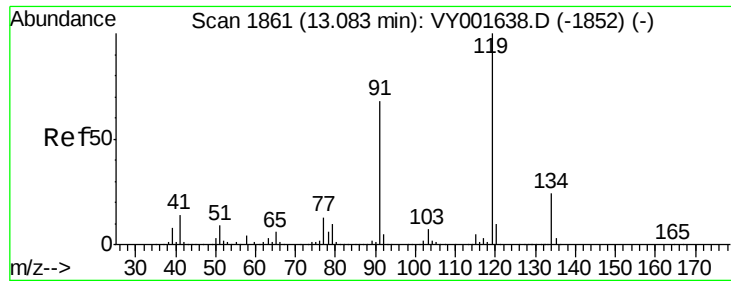
126 33.2 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

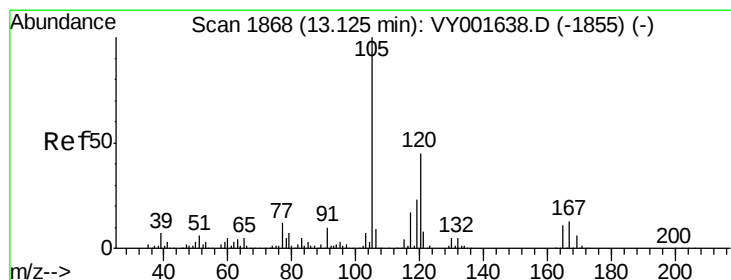
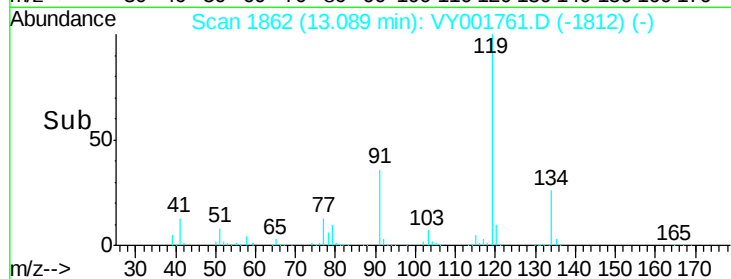
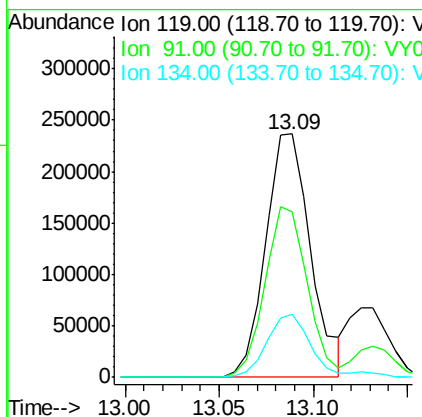
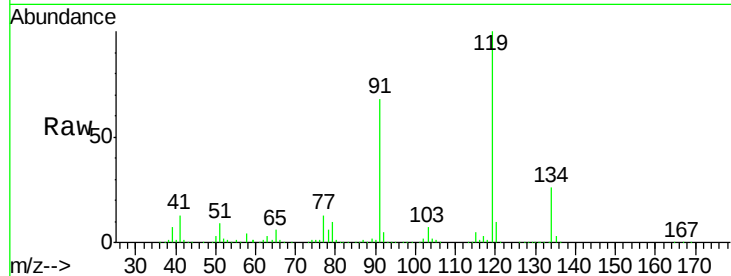




#83
 tert-Butylbenzene
 Concen: 50.08 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

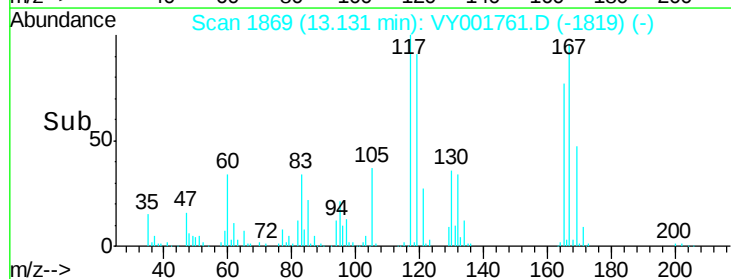
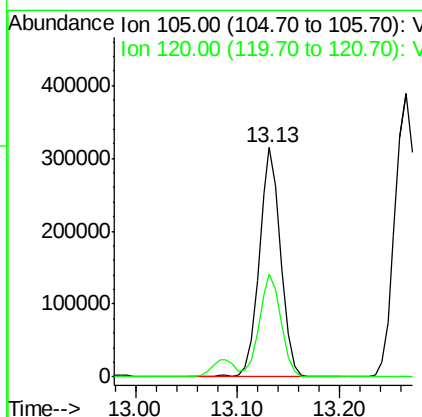
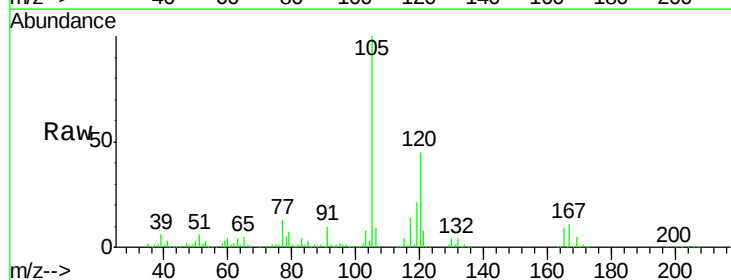
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

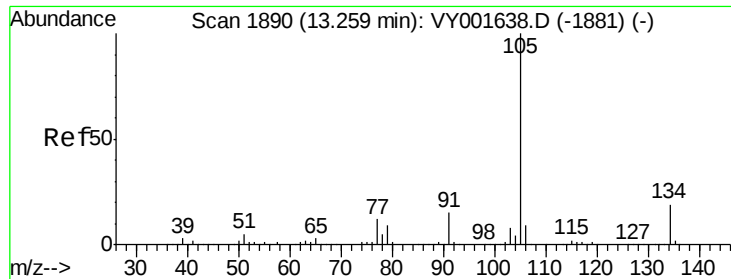
Tgt Ion:	119	Resp:	391138
Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.5	100.5
134	26.4	13.3	39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.38 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion:	105	Resp:	459683
Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.4	67.3

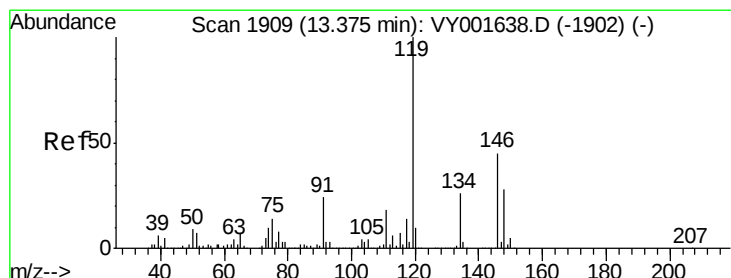
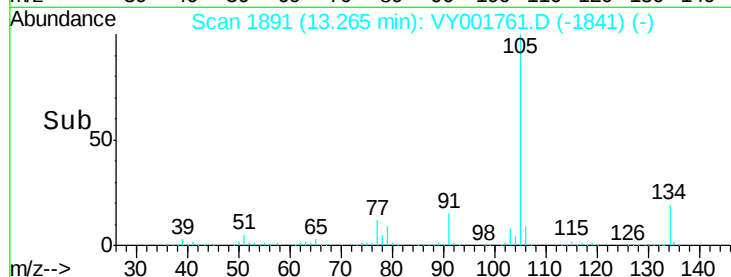
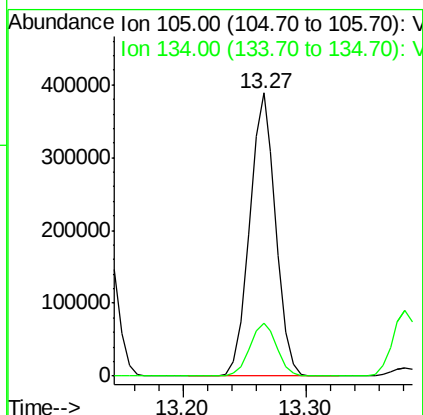
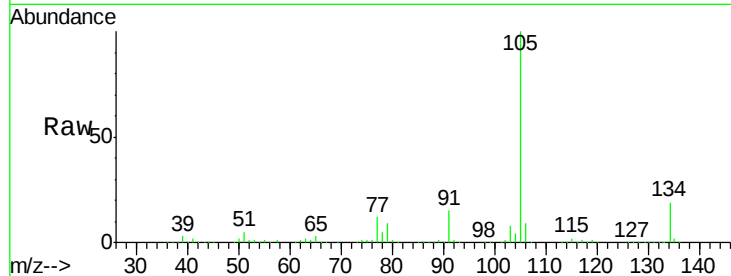




#85
 sec-Butylbenzene
 Concen: 49.82 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

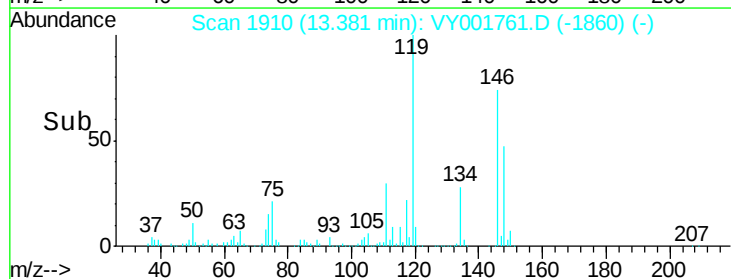
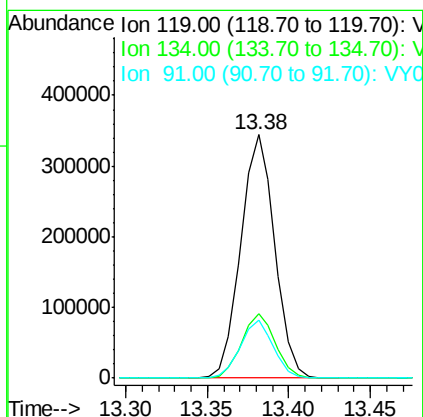
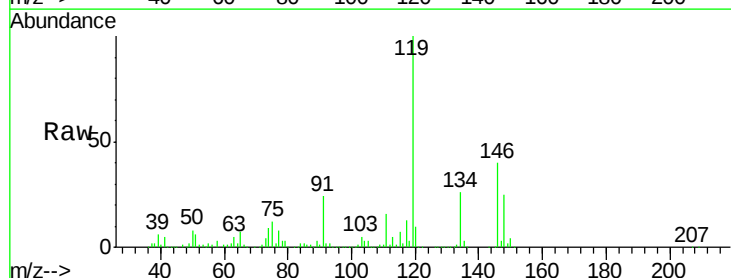
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

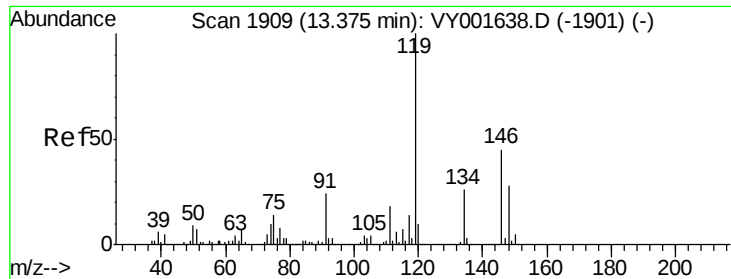
Tgt Ion:105 Resp: 572275
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.87 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion:119 Resp: 497639
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.1 12.2 36.6

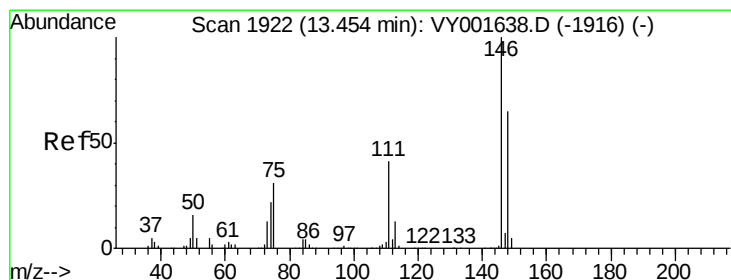
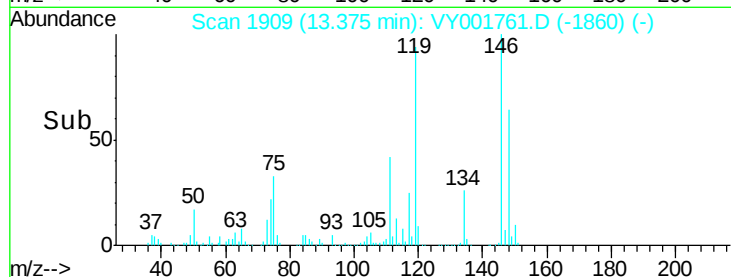
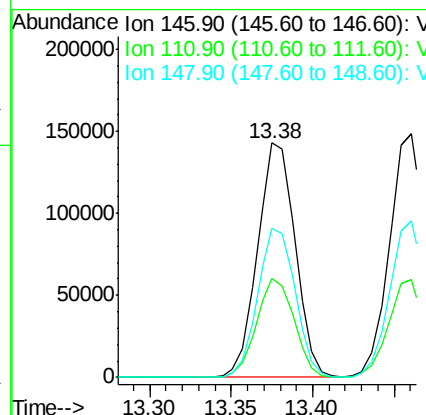
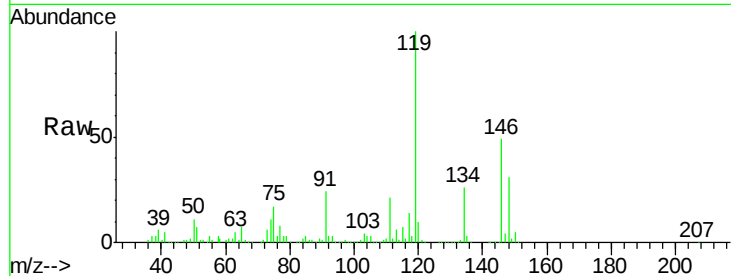




#87
 1,3-Dichlorobenzene
 Concen: 48.43 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

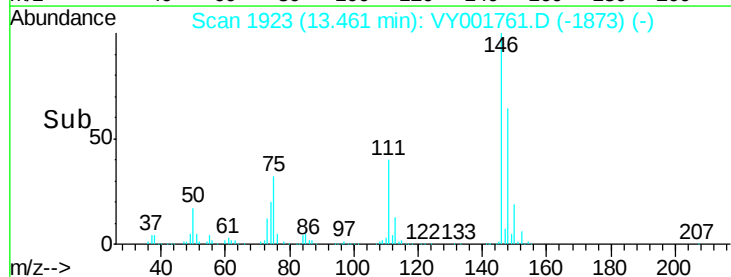
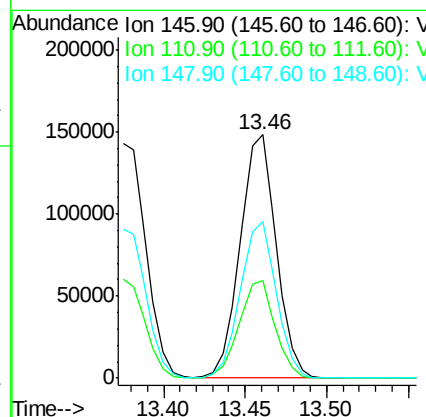
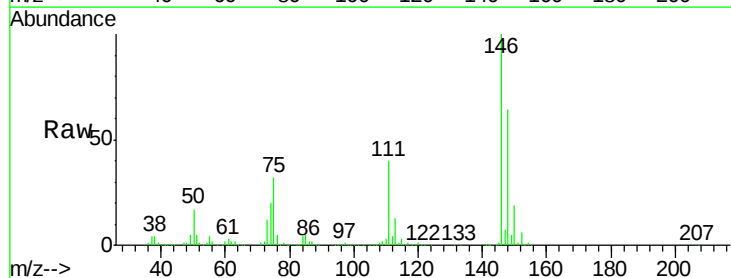
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

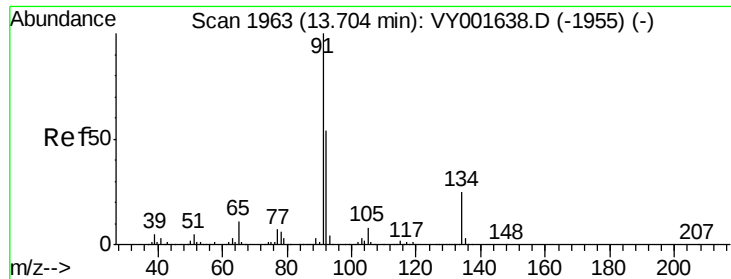
Tgt Ion:146 Resp: 229706
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.3
 148 63.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 47.79 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion:146 Resp: 229126
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.4 61.3
 148 64.0 31.6 94.7

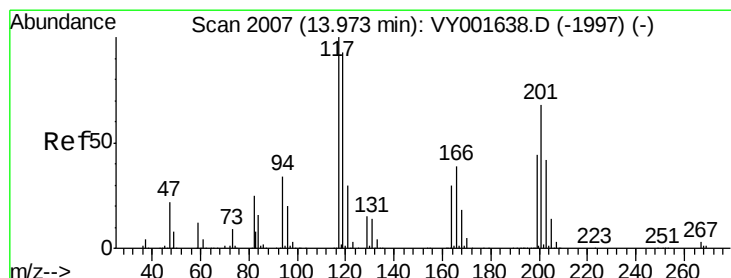
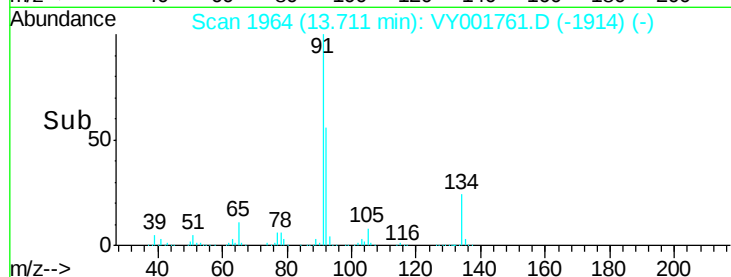
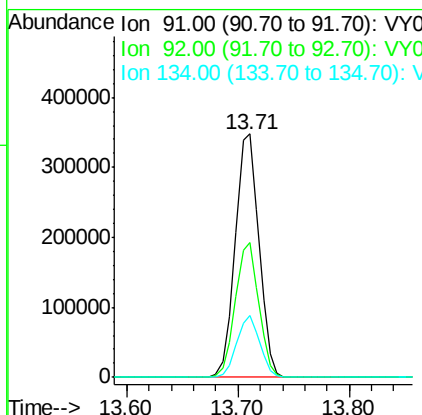
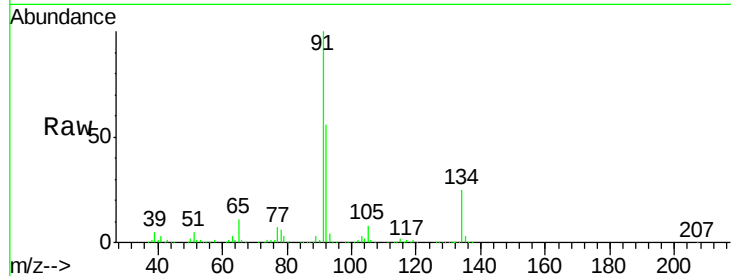




#89
n-Butylbenzene
Concen: 50.35 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

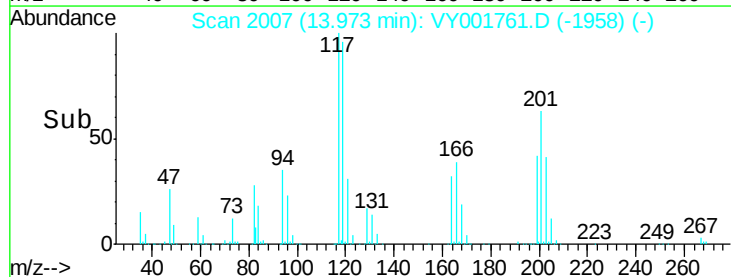
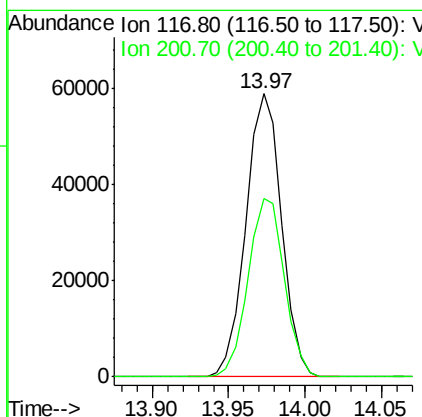
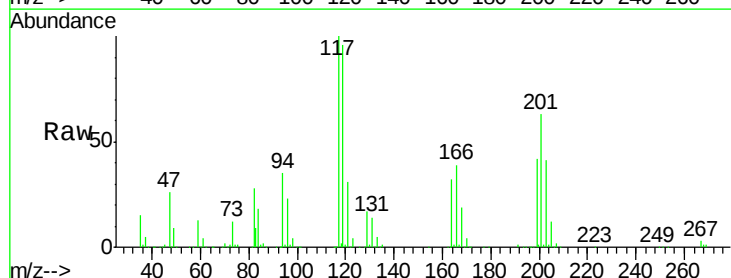
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

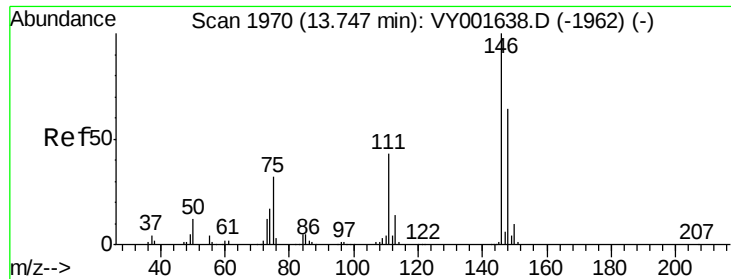
Tgt Ion: 91 Resp: 513338
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.4
134 24.6 12.4 37.4



#90
Hexachloroethane
Concen: 50.75 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion: 117 Resp: 95409
Ion Ratio Lower Upper
117 100
201 64.4 32.5 97.4

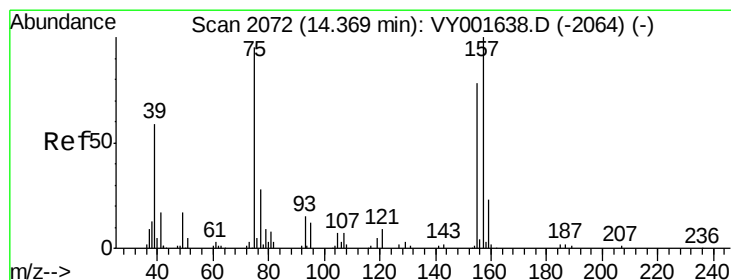
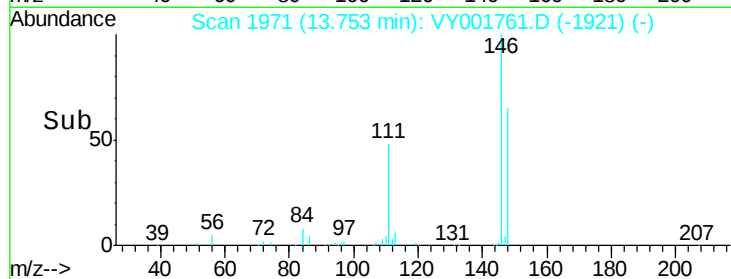
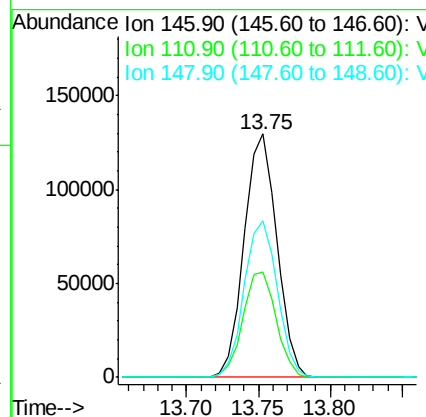
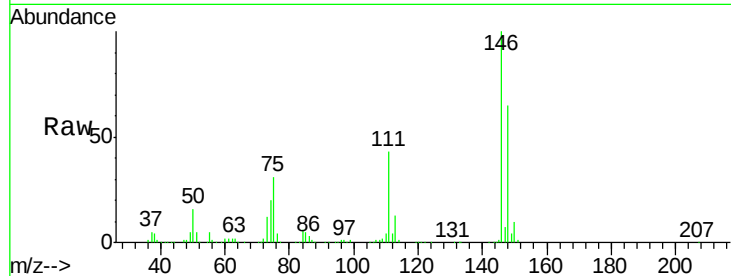




#91
 1,2-Dichlorobenzene
 Concen: 46.67 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

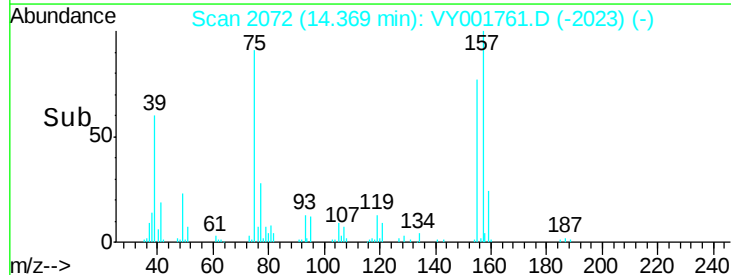
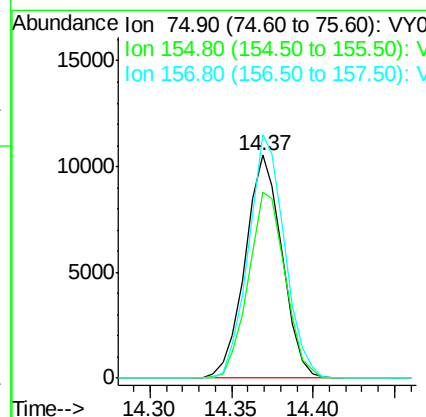
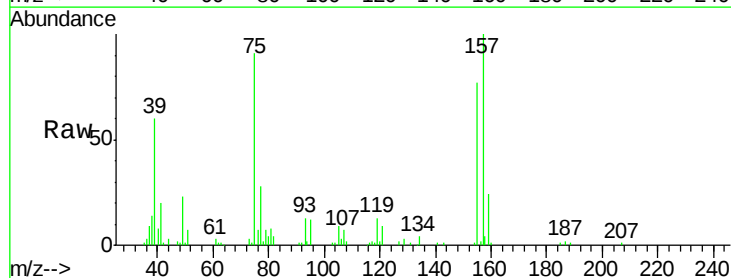
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

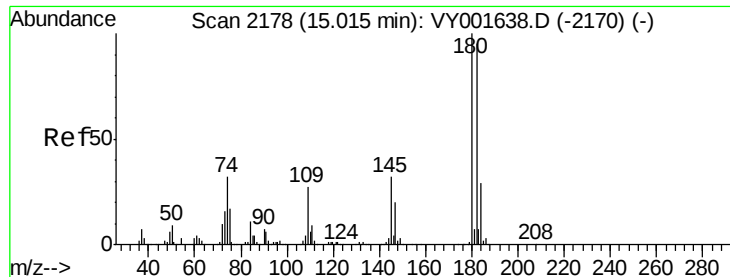
Tgt Ion:146 Resp: 204282
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.7
 148 65.0 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.52 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion: 75 Resp: 16506
 Ion Ratio Lower Upper
 75 100
 155 83.4 40.8 122.4
 157 107.0 52.1 156.4

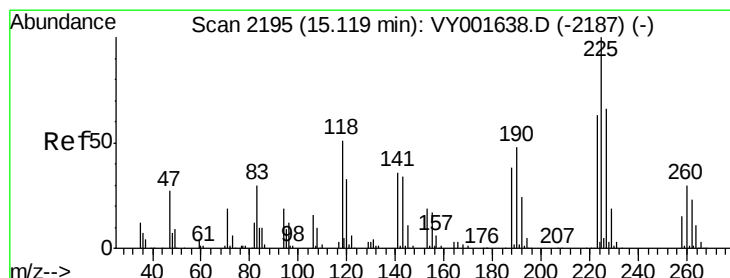
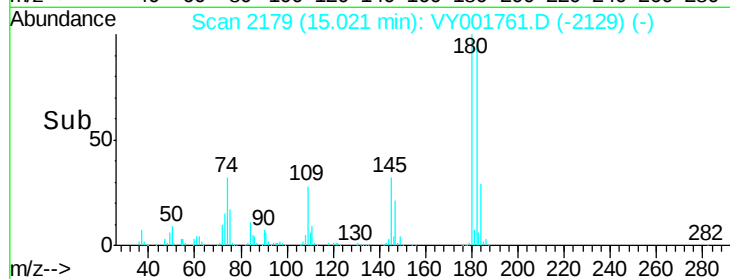
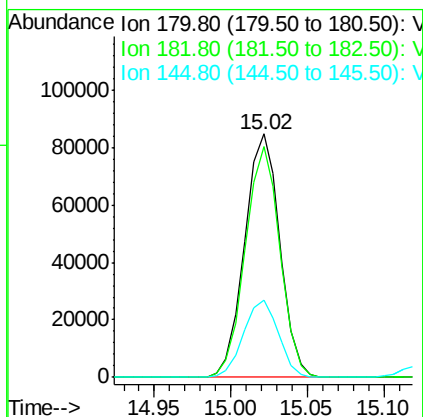
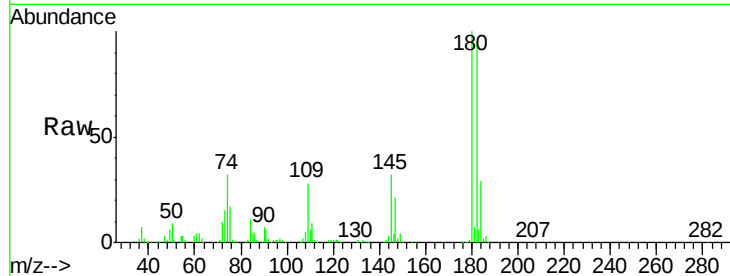




#93
 1,2,4-Trichlorobenzene
 Concen: 46.68 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

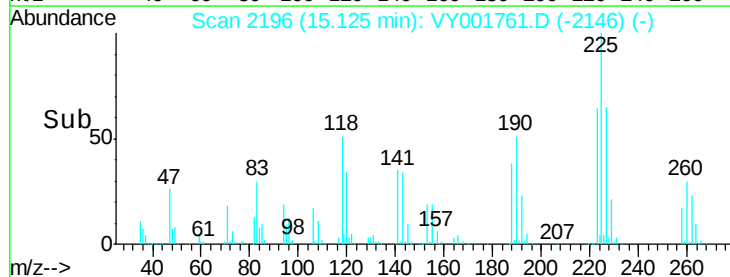
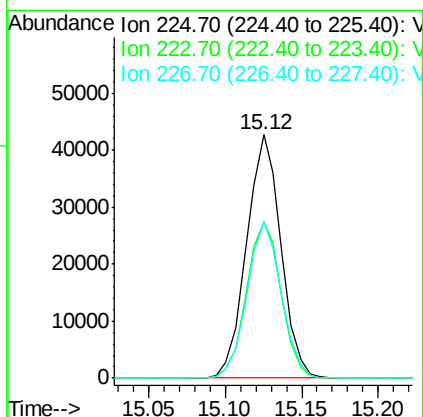
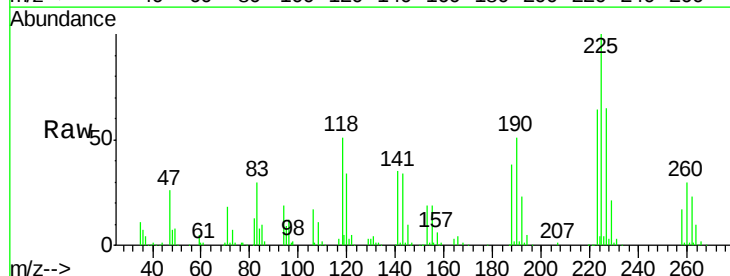
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

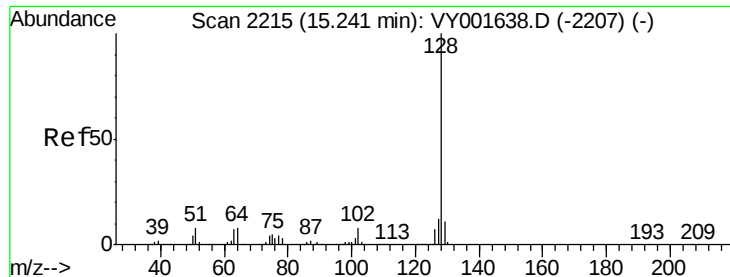
Tgt Ion:180 Resp: 135383
 Ion Ratio Lower Upper
 180 100
 182 93.4 46.8 140.3
 145 31.6 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 46.00 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001761.D
 Acq: 24 Feb 2020 09:54

Tgt Ion:225 Resp: 66355
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.4 94.0
 227 63.9 31.6 94.8

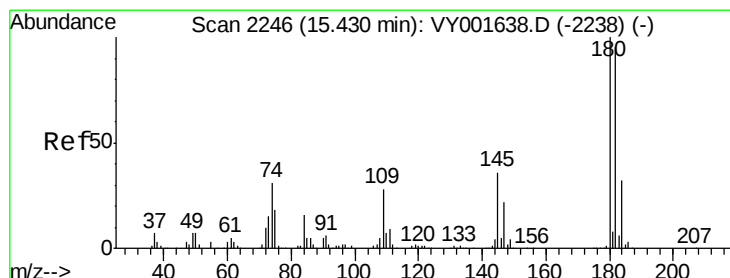
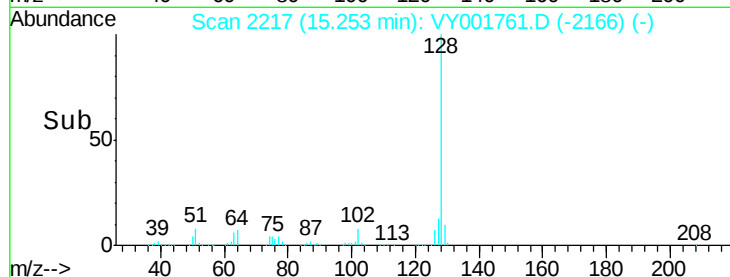
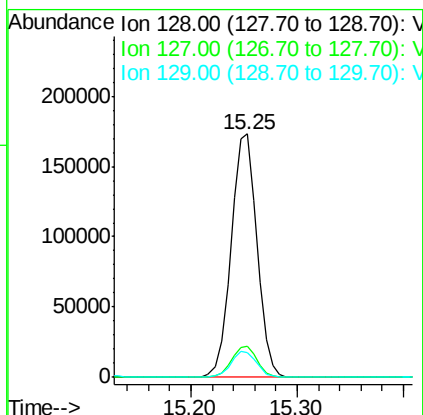
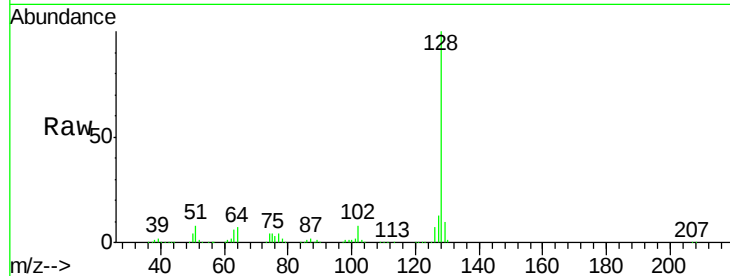




#95
Naphthalene
Concen: 43.99 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 294158
Ion Ratio Lower Upper
128 100
127 12.7 9.9 14.9
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.68 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001761.D
Acq: 24 Feb 2020 09:54

Tgt Ion:180 Resp: 116548
Ion Ratio Lower Upper
180 100
182 93.9 47.2 141.6
145 34.4 17.3 52.0

