

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
 Data File : VY002058.D
 Acq On : 24 Mar 2020 18:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 24 18:58:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	141428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	257717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	234477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111027	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	77984	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	7.74	113	74252	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.19	98	296809	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.49	95	107683	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.91	85	55517	42.53	ug/l	96
3) Chloromethane	2.12	50	79172	44.98	ug/l	99
4) Vinyl Chloride	2.26	62	81925	45.76	ug/l	97
5) Bromomethane	2.66	94	56830	54.92	ug/l	99
6) Chloroethane	2.80	64	55416	49.28	ug/l	96
7) Trichlorofluoromethane	3.14	101	117731	48.49	ug/l	96
8) Diethyl Ether	3.55	74	48350	50.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	76402	48.92	ug/l	99
10) Methyl Iodide	4.11	142	84626	46.86	ug/l	100
11) Tert butyl alcohol	4.98	59	39971	254.83	ug/l	97
12) 1,1-Dichloroethene	3.90	96	76321	48.54	ug/l	99
13) Acrolein	3.75	56	53024	249.92	ug/l	97
14) Allyl chloride	4.50	41	145338	52.14	ug/l	97
15) Acrylonitrile	5.19	53	136102	266.16	ug/l	99
16) Acetone	3.97	43	102292	232.61	ug/l	99
17) Carbon Disulfide	4.21	76	226650	42.88	ug/l	100
18) Methyl Acetate	4.50	43	61413	54.35	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	228346	53.59	ug/l	97
20) Methylene Chloride	4.74	84	90845	48.20	ug/l	91
21) trans-1,2-Dichloroethene	5.24	96	87088	48.80	ug/l	99
22) Diisopropyl ether	6.14	45	311194	54.46	ug/l	97
23) Vinyl Acetate	6.09	43	1017348	271.58	ug/l	99
24) 1,1-Dichloroethane	6.05	63	161462	52.18	ug/l	99
25) 2-Butanone	7.01	43	173797	259.88	ug/l	100
26) 2,2-Dichloropropane	7.01	77	131665	51.84	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	100313	51.67	ug/l	98
28) Bromochloromethane	7.36	49	77242	55.38	ug/l	99
29) Tetrahydrofuran	7.37	42	118776	267.46	ug/l	98
30) Chloroform	7.53	83	155589	53.52	ug/l	97
31) Cyclohexane	7.80	56	152704	46.03	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	130899	53.42	ug/l	99
36) 1,1-Dichloropropene	7.94	75	124072	50.03	ug/l	99
37) Ethyl Acetate	7.10	43	78029	54.13	ug/l	99
38) Carbon Tetrachloride	7.92	117	111141	52.46	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	156089	47.45	ug/l	98
40) Benzene	8.18	78	377562	51.36	ug/l	99
41) Methacrylonitrile	7.37	41	107362	165.51	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	103070	54.41	ug/l	99
43) Isopropyl Acetate	8.29	43	149067	54.62	ug/l	98
44) Trichloroethene	8.96	130	90527	50.57	ug/l	99
45) 1,2-Dichloropropane	9.23	63	98805	53.47	ug/l	98
46) Dibromomethane	9.32	93	50149	52.66	ug/l	98
47) Bromodichloromethane	9.51	83	120626	54.46	ug/l	98
48) Methyl methacrylate	9.31	41	66113	54.60	ug/l	96
49) 1,4-Dioxane	9.31	88	14017	1074.25	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	390757	278.00	ug/l	98
52) Toluene	10.25	92	231423	51.83	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	131636	54.55	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	154213	53.68	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	75650	54.28	ug/l	98
56) Ethyl methacrylate	10.52	69	110364	54.03	ug/l	95
57) 1,3-Dichloropropane	10.80	76	130891	52.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	178486	249.95	ug/l	99
59) 2-Hexanone	10.85	43	270701	269.82	ug/l	99
60) Dibromochloromethane	11.00	129	80653	54.92	ug/l	100
61) 1,2-Dibromoethane	11.10	107	69711	52.81	ug/l	99
64) Tetrachloroethene	10.73	164	74538	50.69	ug/l	98
65) Chlorobenzene	11.52	112	237977	50.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	81762	53.37	ug/l	99
67) Ethyl Benzene	11.60	91	441092	50.62	ug/l	97
68) m/p-Xylenes	11.71	106	326463	101.34	ug/l	99
69) o-Xylene	12.03	106	156353	51.50	ug/l	99
70) Styrene	12.05	104	276507	53.17	ug/l	99
71) Bromoform	12.22	173	46644	56.14	ug/l #	99
73) Isopropylbenzene	12.34	105	422974	49.91	ug/l	100
74) N-amyl acetate	12.15	43	138677	53.24	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	95200	52.09	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	121539	92.26	ug/l #	100
77) Bromobenzene	12.62	156	90339	50.31	ug/l	99
78) n-propylbenzene	12.68	91	519658	49.70	ug/l	100
79) 2-Chlorotoluene	12.77	91	285489	49.42	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	350833	50.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	33517	51.39	ug/l	96
82) 4-Chlorotoluene	12.86	91	302590	50.31	ug/l	100
83) tert-Butylbenzene	13.08	119	290451	50.12	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	352747	50.94	ug/l	100
85) sec-Butylbenzene	13.26	105	424940	49.75	ug/l	100
86) p-Isopropyltoluene	13.38	119	366008	49.67	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	174843	49.69	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	175284	49.10	ug/l	99
89) n-Butylbenzene	13.70	91	377027	49.32	ug/l	99
90) Hexachloroethane	13.97	117	69323	49.87	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	161193	50.42	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14858	52.10	ug/l	96

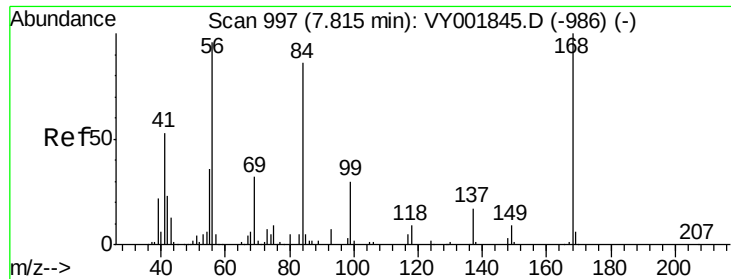
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100760	48.60	ug/l	97
94) Hexachlorobutadiene	15.12	225	48936	48.42	ug/l	99
95) Naphthalene	15.24	128	248233	50.48	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	90240	49.41	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

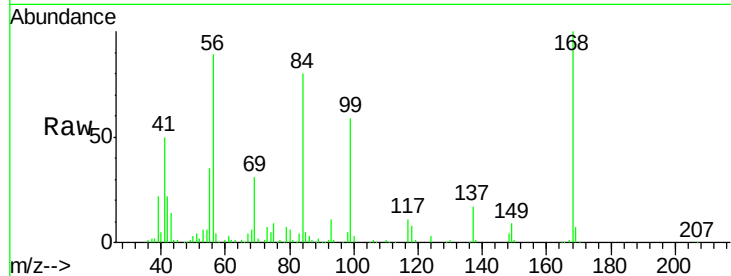
VSTDCCC050EC

Tgt Ion:168 Resp: 141428

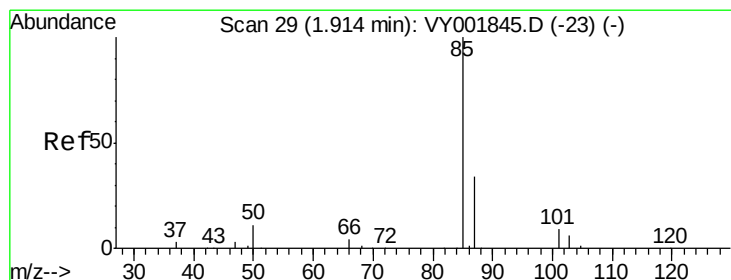
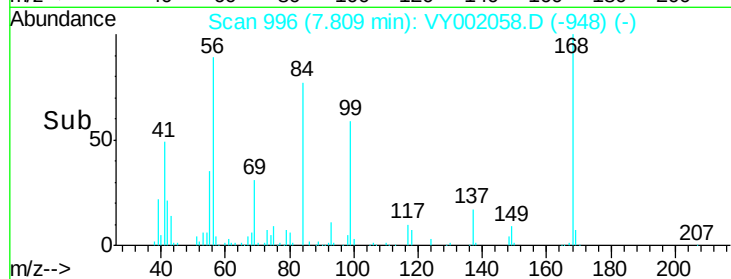
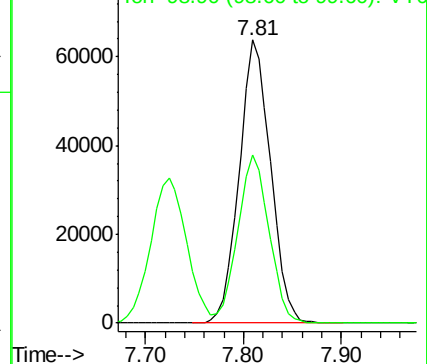
Ion Ratio Lower Upper

168 100

99 59.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 42.53 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002058.D

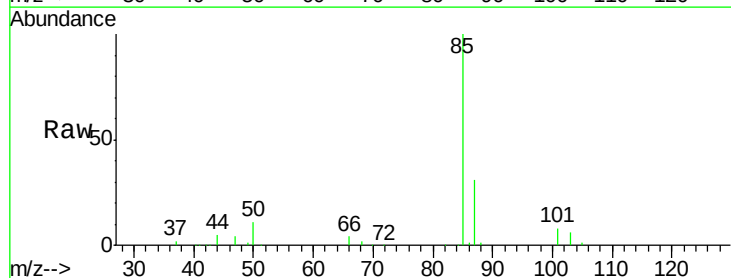
Acq: 24 Mar 2020 18:02

Tgt Ion: 85 Resp: 55517

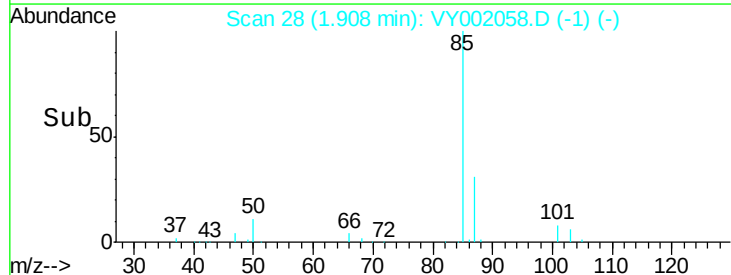
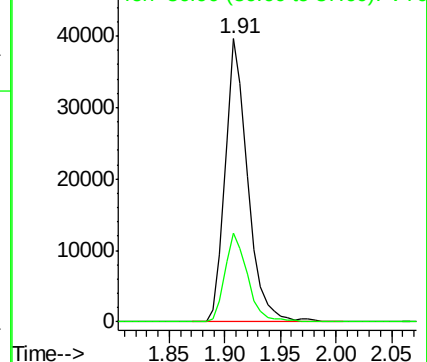
Ion Ratio Lower Upper

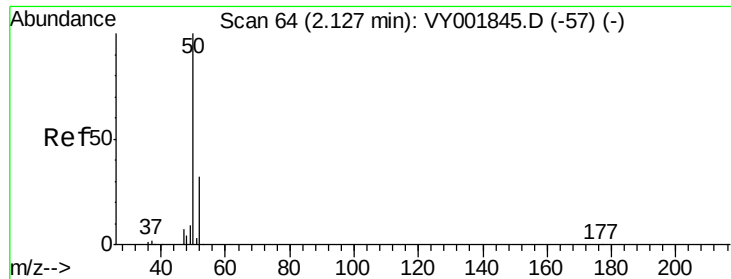
85 100

87 31.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 44.98 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

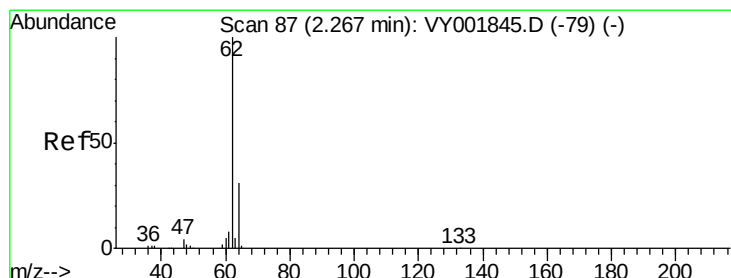
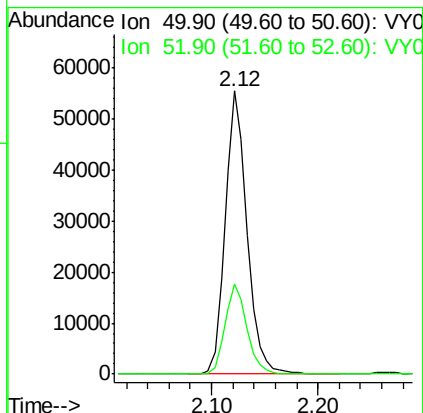
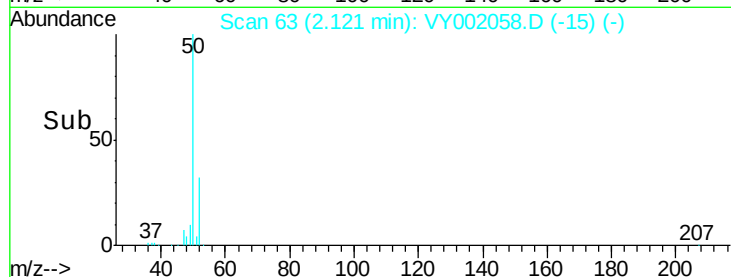
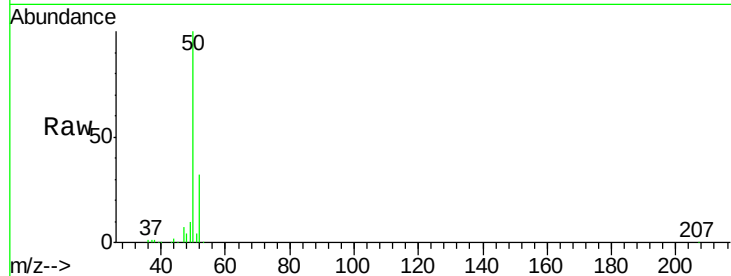
VSTDCCC050EC

Tgt Ion: 50 Resp: 79172

Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.6



#4

Vinyl Chloride

Concen: 45.76 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002058.D

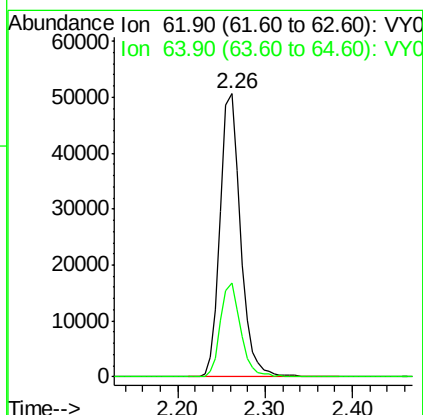
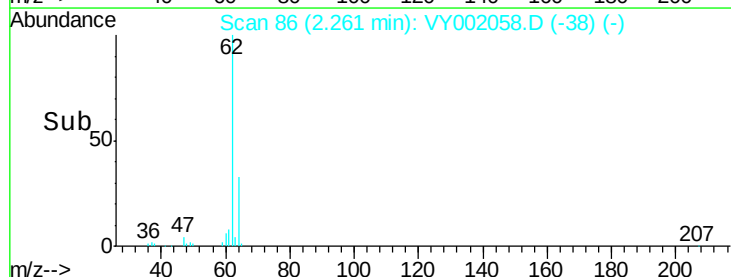
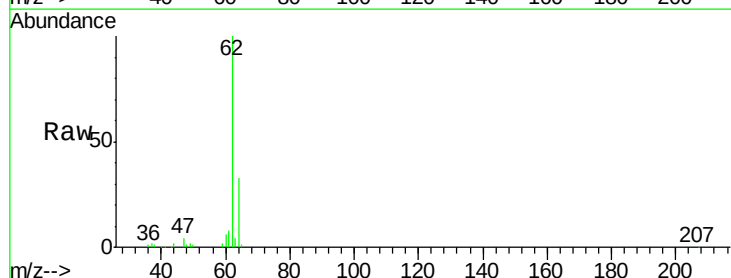
Acq: 24 Mar 2020 18:02

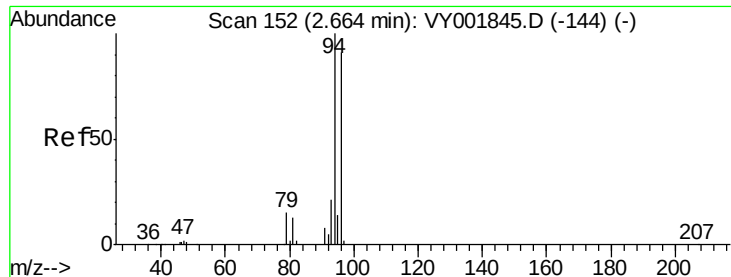
Tgt Ion: 62 Resp: 81925

Ion Ratio Lower Upper

62 100

64 33.2 25.1 37.7





#5

Bromomethane

Concen: 54.92 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

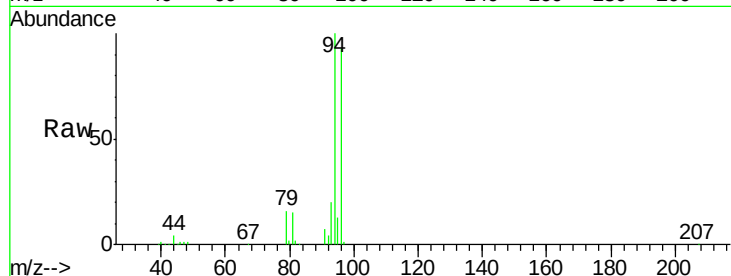
VSTDCCC050EC

Tgt Ion: 94 Resp: 56830

Ion Ratio Lower Upper

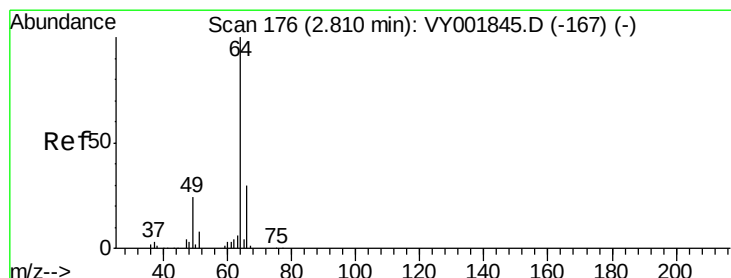
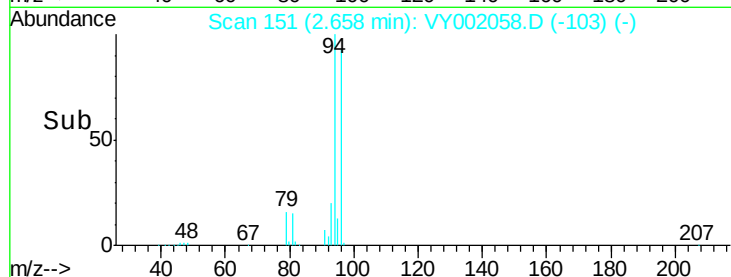
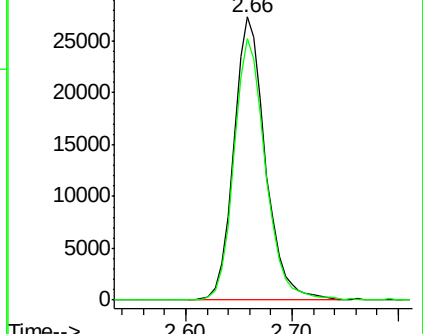
94 100

96 92.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.28 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002058.D

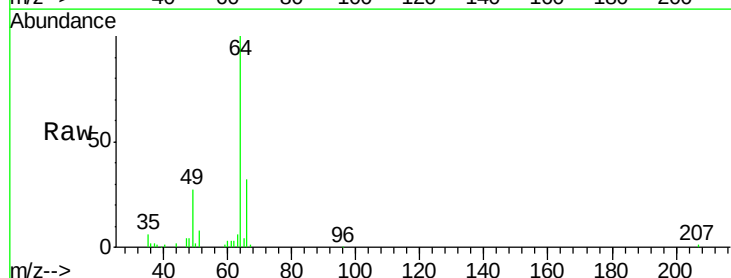
Acq: 24 Mar 2020 18:02

Tgt Ion: 64 Resp: 55416

Ion Ratio Lower Upper

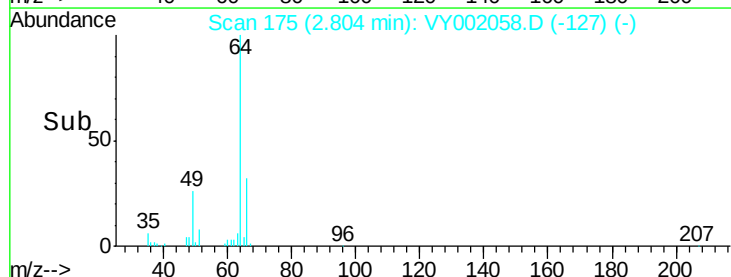
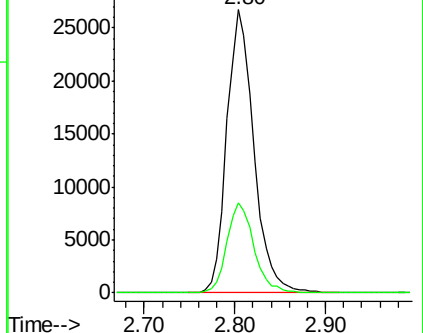
64 100

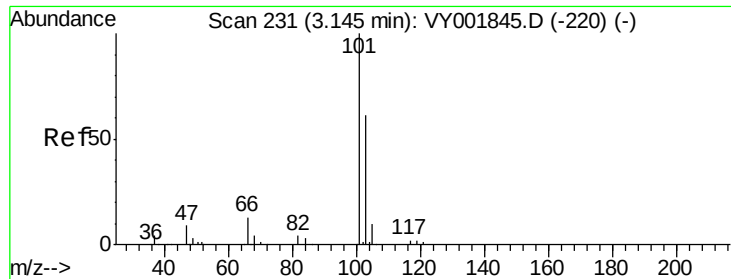
66 31.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 48.49 ug/l

RT: 3.14 min Scan# 230

Delta R.T. -0.01 min

Lab File: VY002058.D

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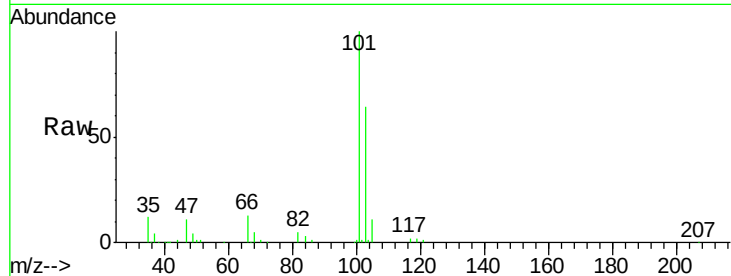
VSTDCCC050EC

Tgt Ion:101 Resp: 117731

Ion Ratio Lower Upper

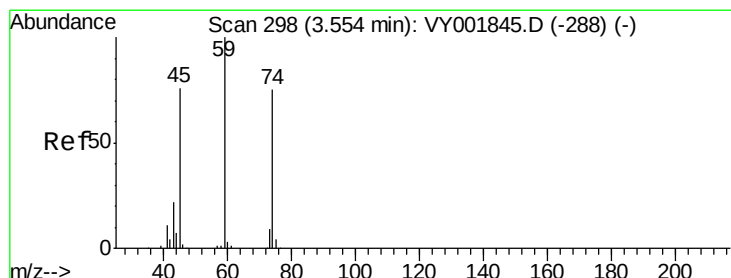
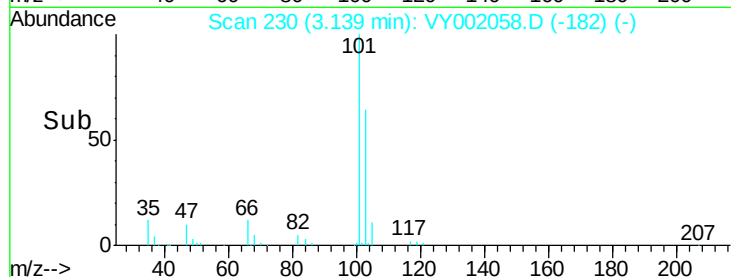
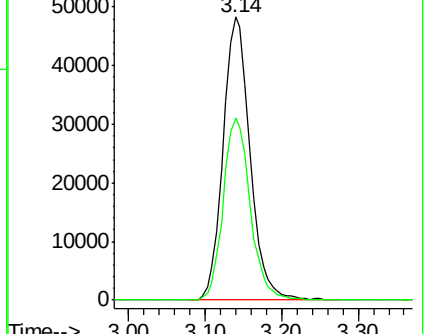
101 100

103 64.3 49.1 73.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.53 ug/l

RT: 3.55 min Scan# 297

Delta R.T. -0.01 min

Lab File: VY002058.D

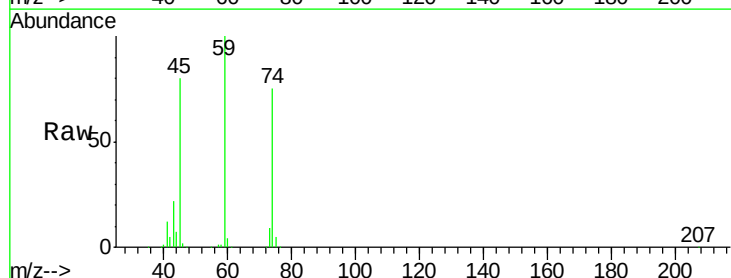
Acq: 24 Mar 2020 18:02

Tgt Ion: 74 Resp: 48350

Ion Ratio Lower Upper

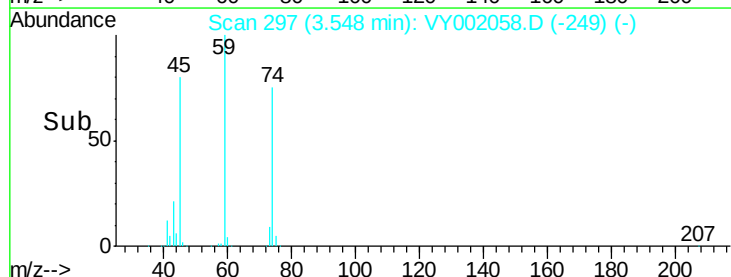
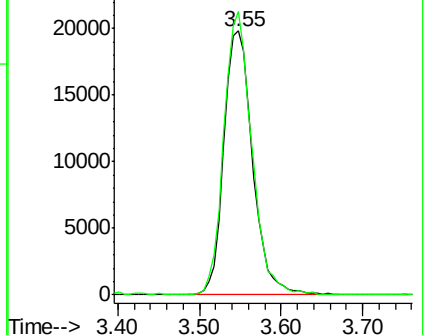
74 100

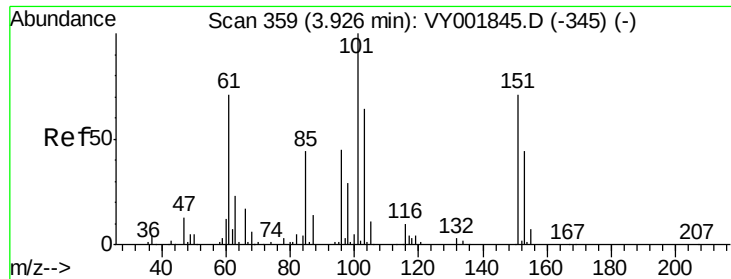
45 104.8 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.92 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

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VSTDCCC050EC

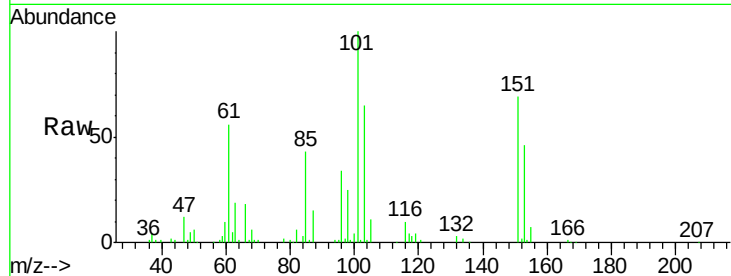
Tgt Ion:101 Resp: 76402

Ion Ratio Lower Upper

101 100

85 44.8 35.3 52.9

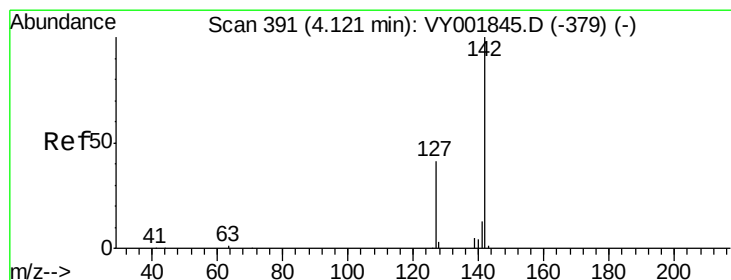
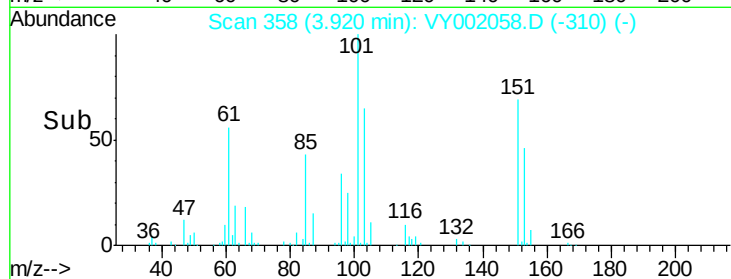
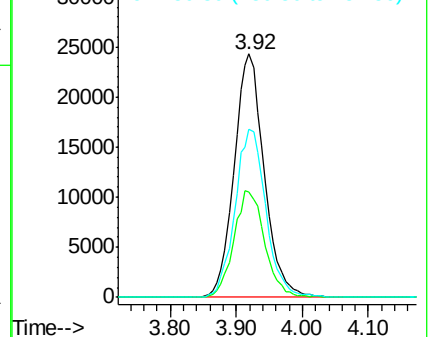
151 71.0 57.0 85.4



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: 46.86 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

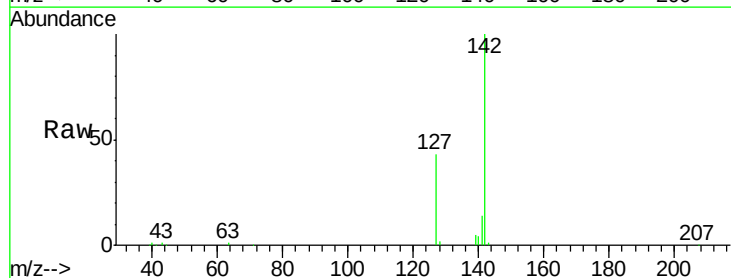
Tgt Ion:142 Resp: 84626

Ion Ratio Lower Upper

142 100

127 41.2 32.7 49.1

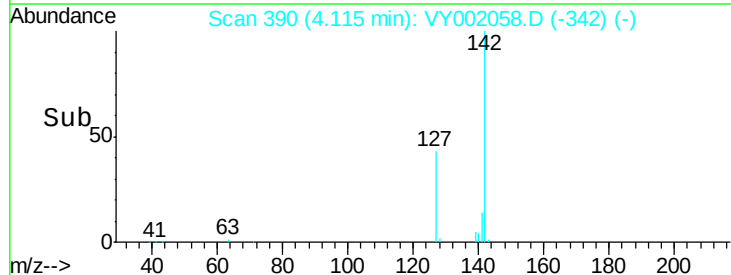
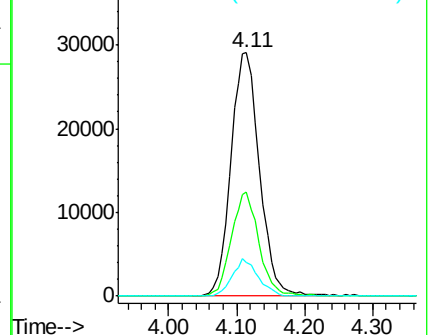
141 13.9 11.0 16.6

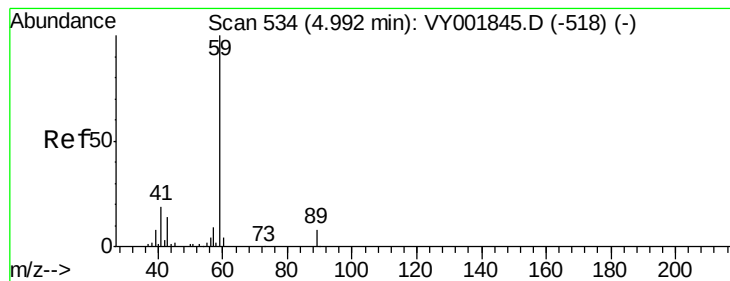


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 254.83 ug/l

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

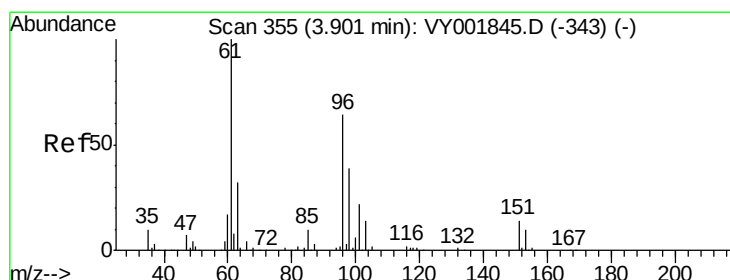
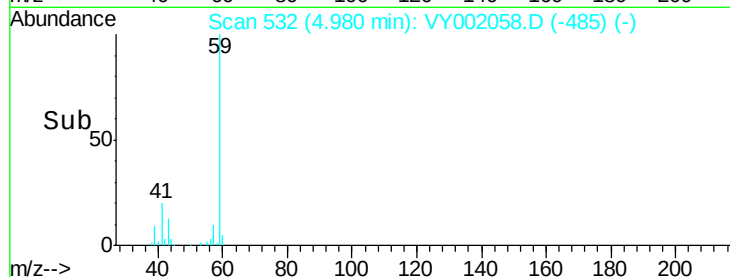
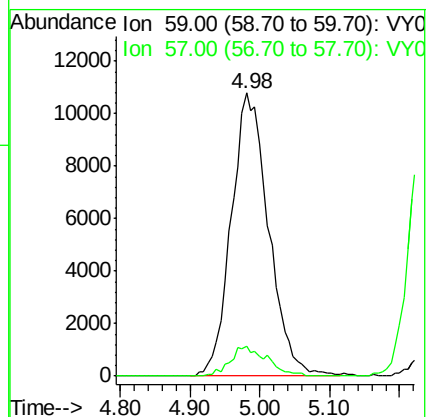
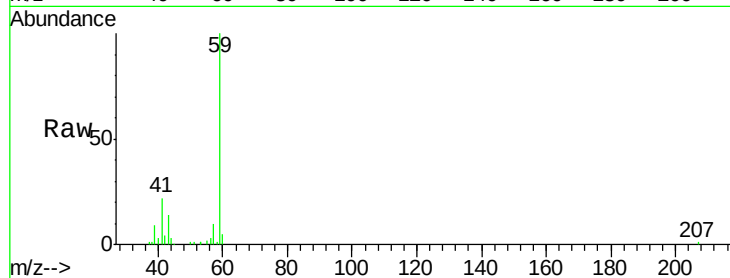
VSTDCCC050EC

Tgt Ion: 59 Resp: 39971

Ion Ratio Lower Upper

59 100

57 10.4 7.4 11.2



#12

1,1-Dichloroethene

Concen: 48.54 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

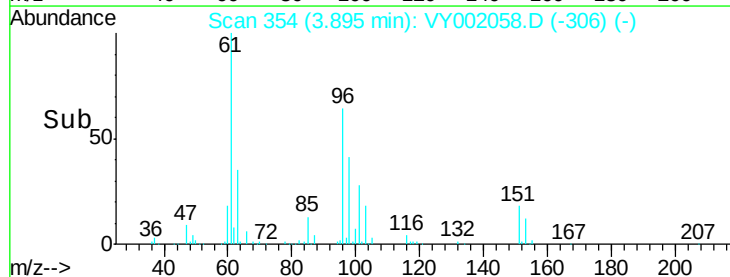
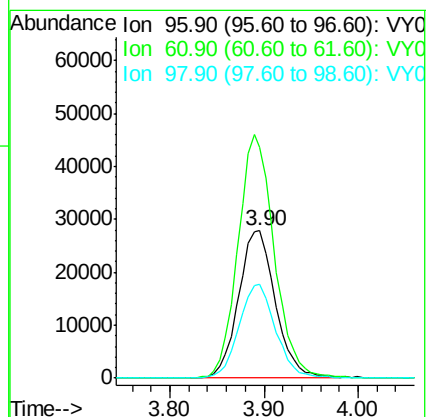
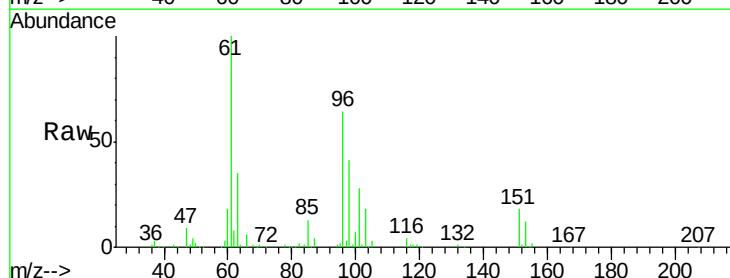
Tgt Ion: 96 Resp: 76321

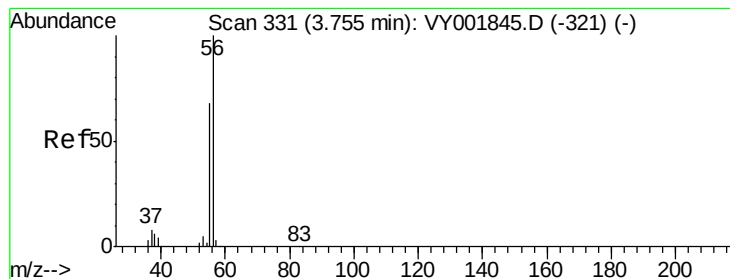
Ion Ratio Lower Upper

96 100

61 156.5 124.8 187.2

98 64.0 49.2 73.8





#13

Acrolein

Concen: 249.92 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

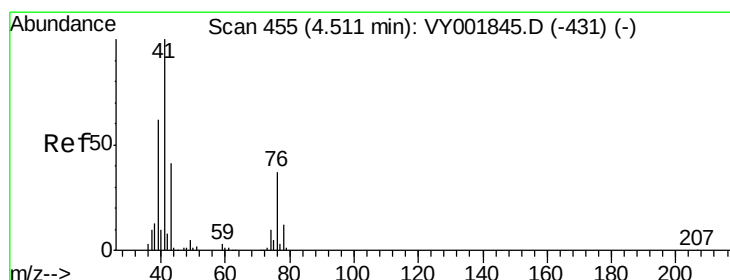
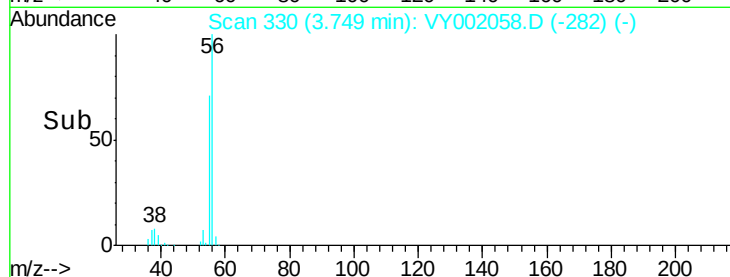
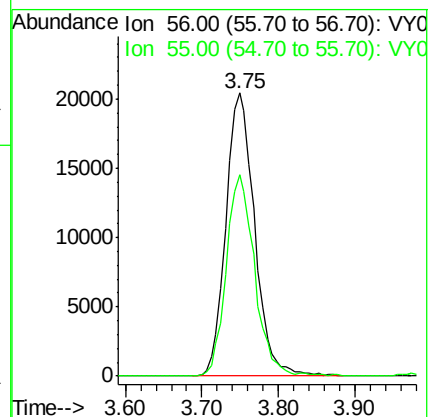
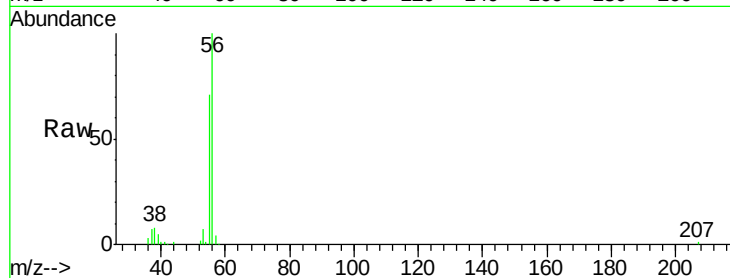
VSTDCCC050EC

Tgt Ion: 56 Resp: 53024

Ion Ratio Lower Upper

56 100

55 69.6 54.0 81.0



#14

Allyl chloride

Concen: 52.14 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

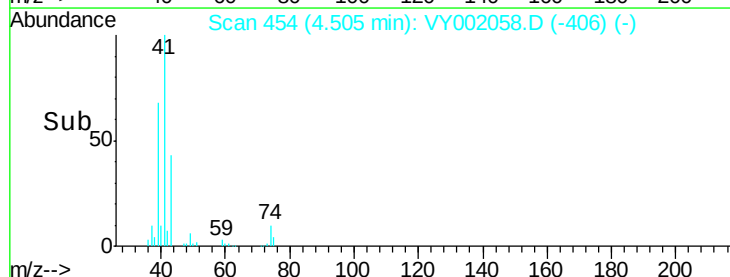
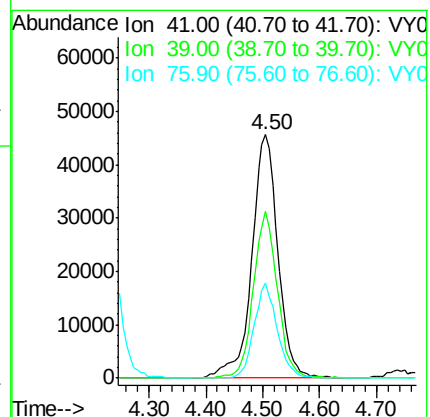
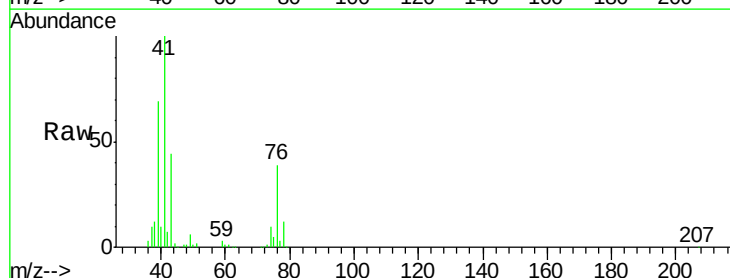
Tgt Ion: 41 Resp: 145338

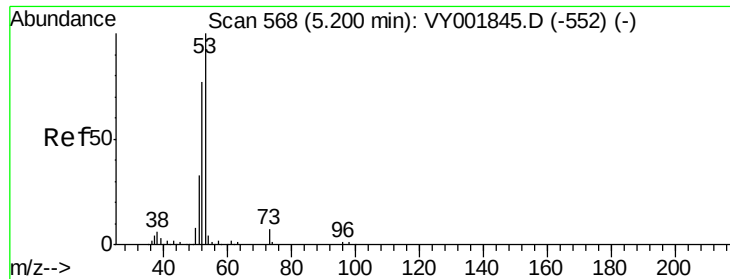
Ion Ratio Lower Upper

41 100

39 63.2 49.0 73.6

76 34.4 28.9 43.3





#15

Acrylonitrile

Concen: 266.16 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

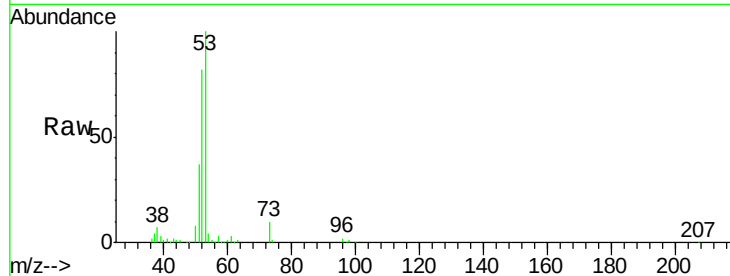
Tgt Ion: 53 Resp: 136102

Ion Ratio Lower Upper

53 100

52 81.0 65.1 97.7

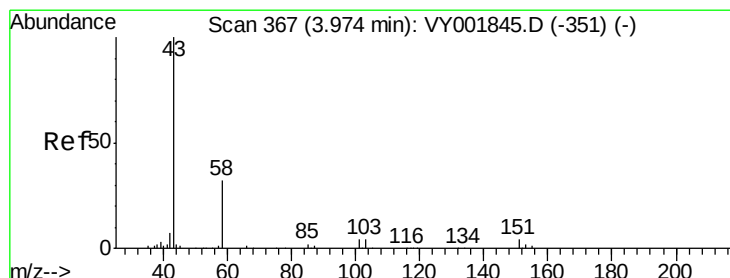
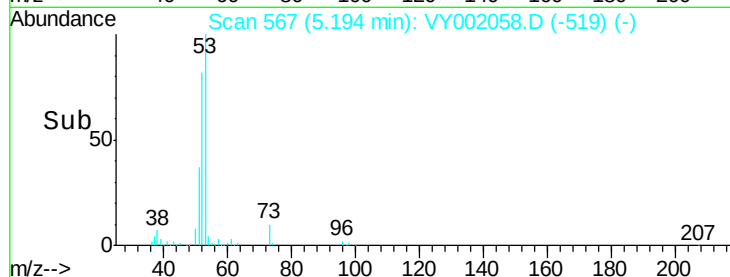
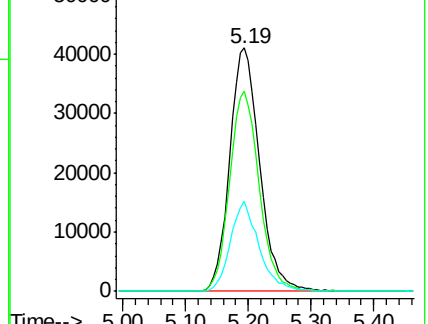
51 35.3 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 232.61 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002058.D

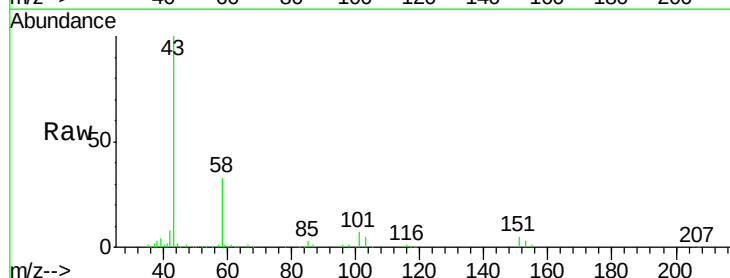
Acq: 24 Mar 2020 18:02

Tgt Ion: 43 Resp: 102292

Ion Ratio Lower Upper

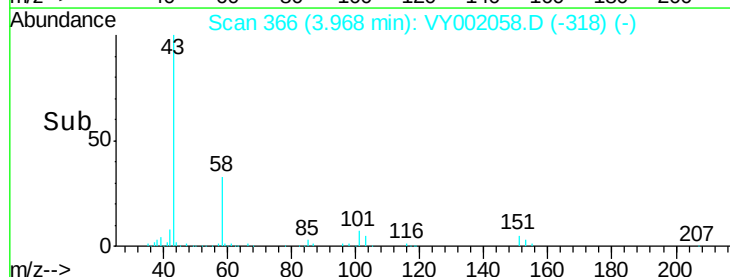
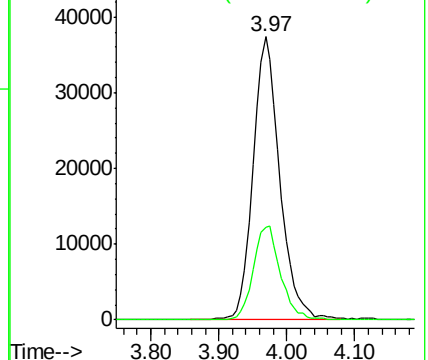
43 100

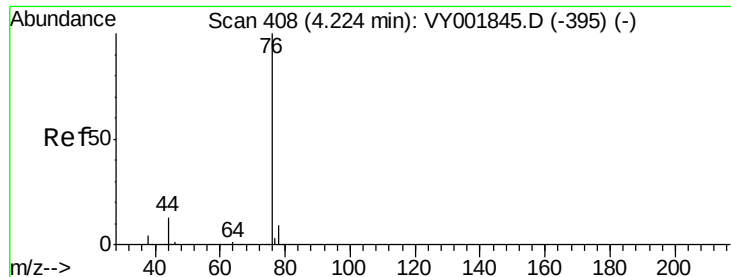
58 32.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

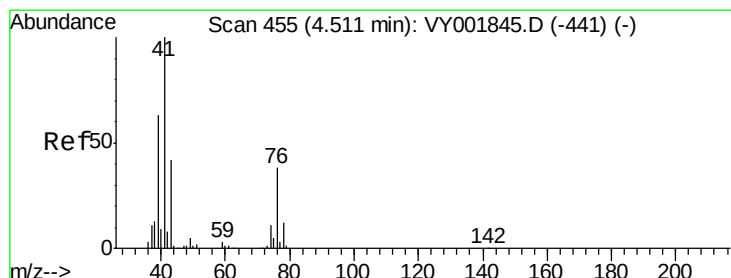
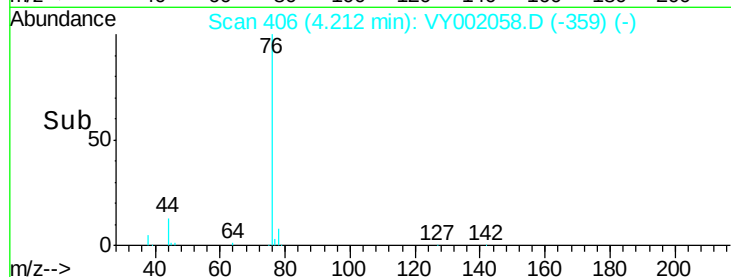
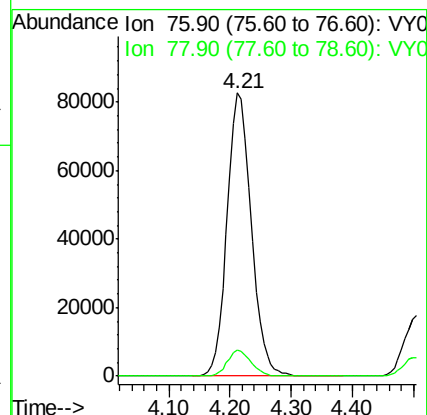
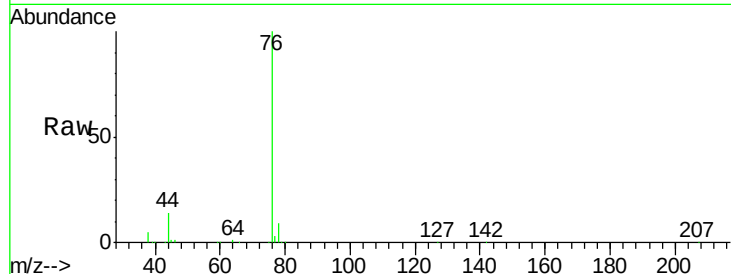




#17
Carbon Disulfide
Concen: 42.88 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

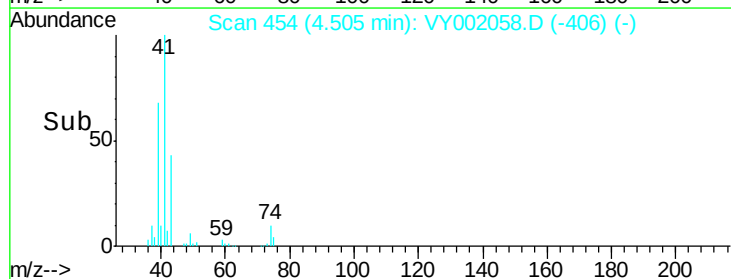
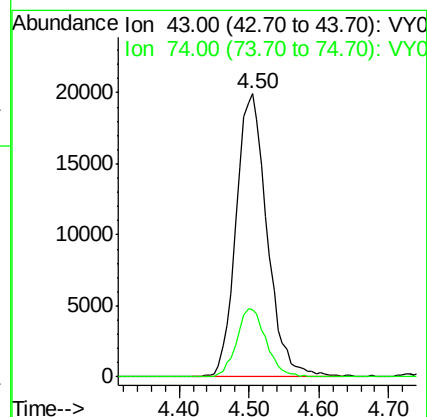
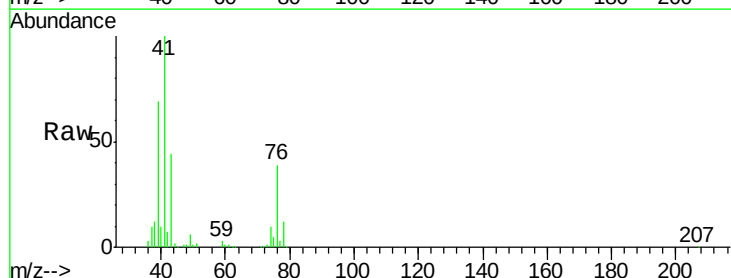
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

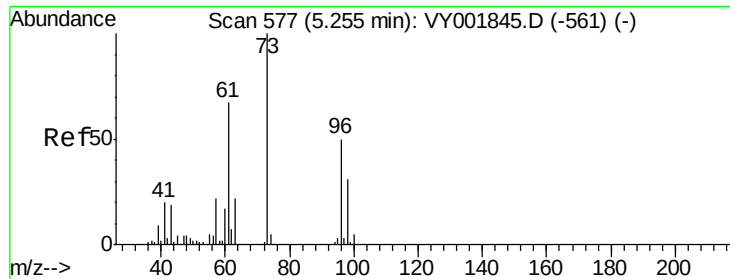
Tgt Ion: 76 Resp: 226650
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 54.35 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 43 Resp: 61413
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.6

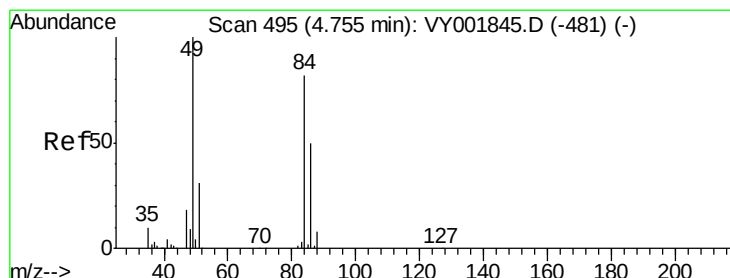
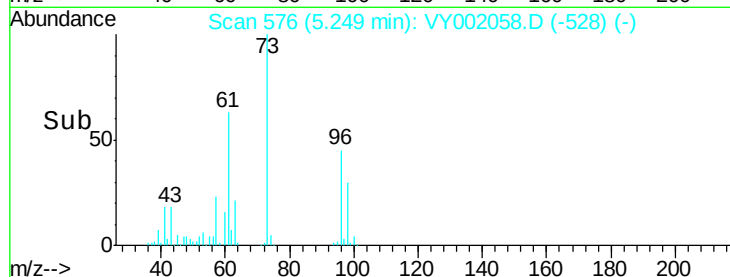
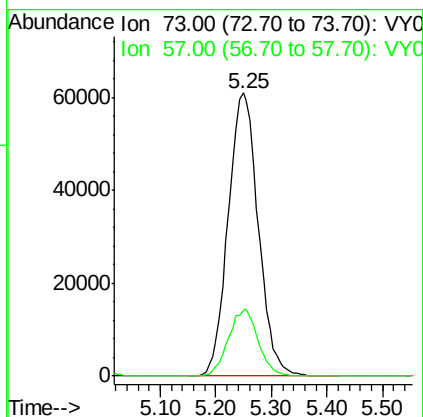
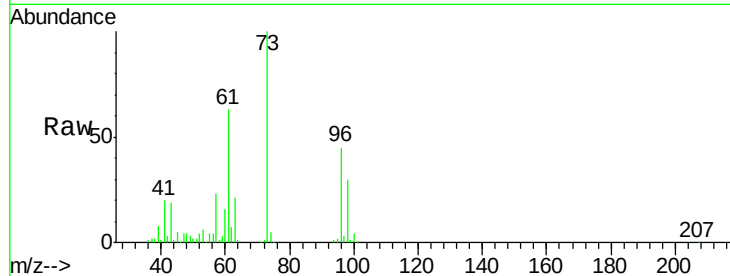




#19
Methyl tert-butyl Ether
Concen: 53.59 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

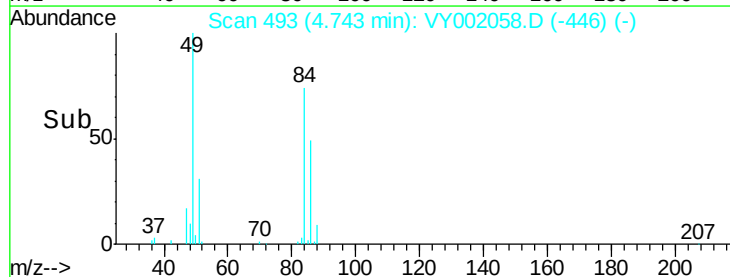
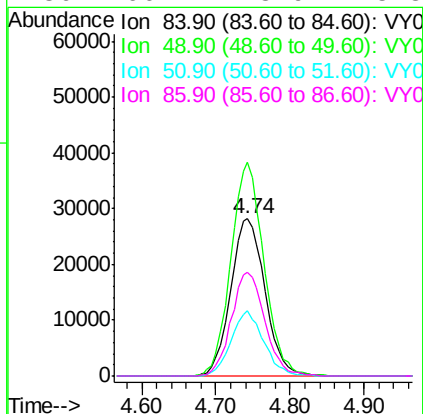
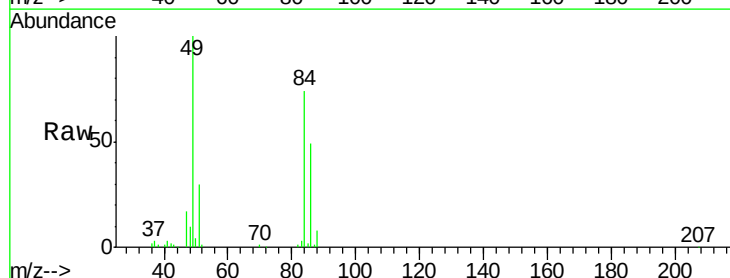
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

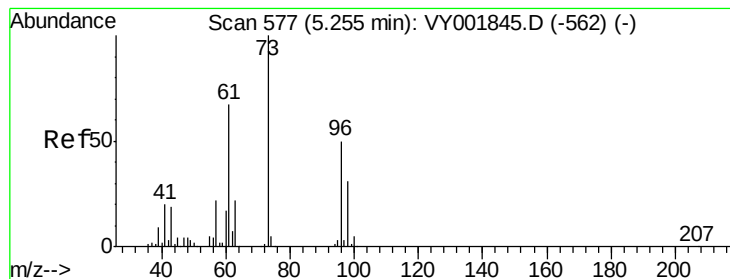
Tgt Ion: 73 Resp: 228346
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.2



#20
Methylene Chloride
Concen: 48.20 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 84 Resp: 90845
Ion Ratio Lower Upper
84 100
49 136.0 98.2 147.2
51 41.4 30.2 45.2
86 66.2 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 48.80 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

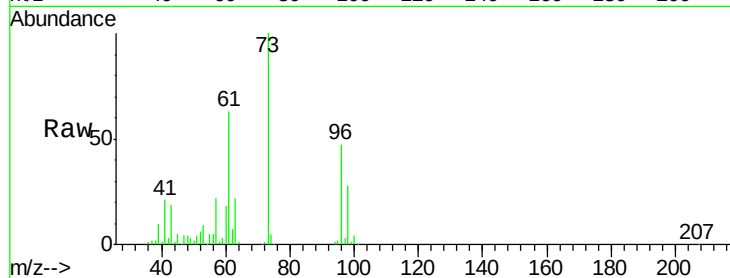
Tgt Ion: 96 Resp: 87088

Ion Ratio Lower Upper

96 100

61 135.3 107.7 161.5

98 60.5 49.3 73.9

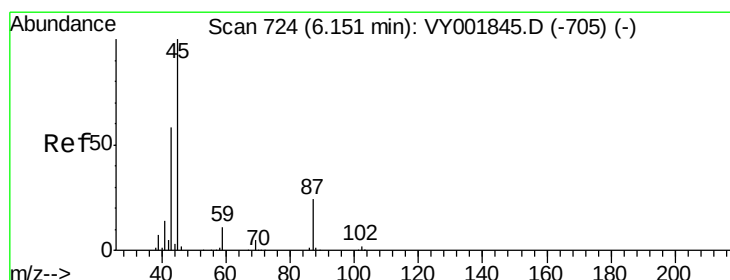
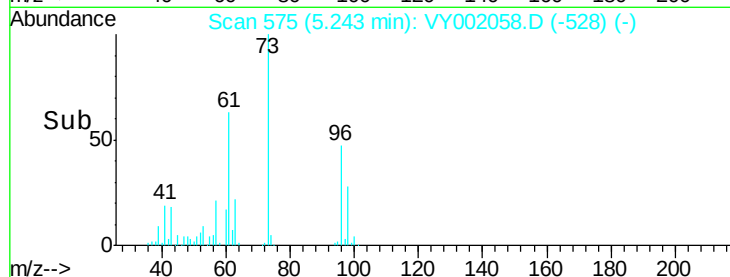
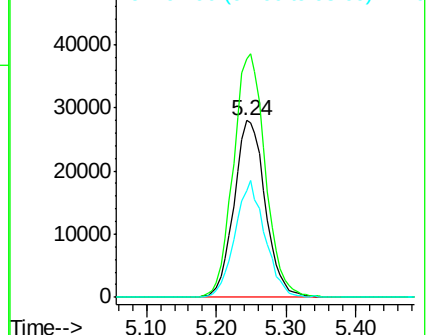


Abundance

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: 54.46 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion: 45 Resp: 311194

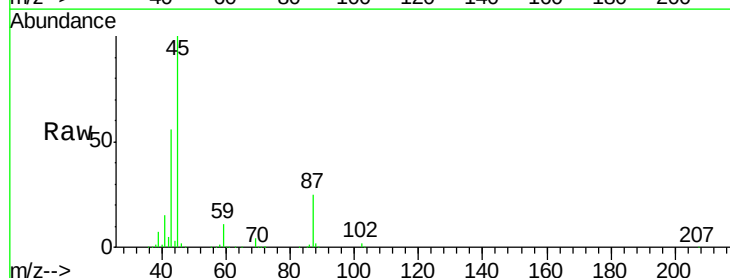
Ion Ratio Lower Upper

45 100

43 55.3 47.2 70.8

87 25.3 19.8 29.8

59 11.3 8.8 13.2



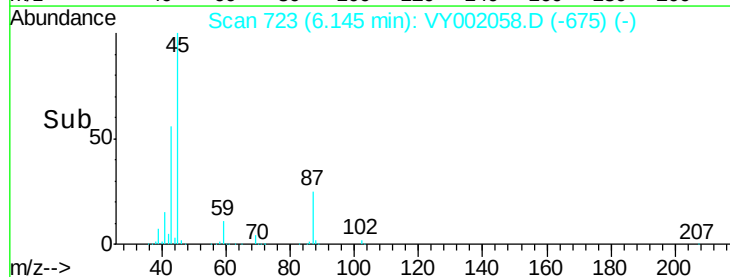
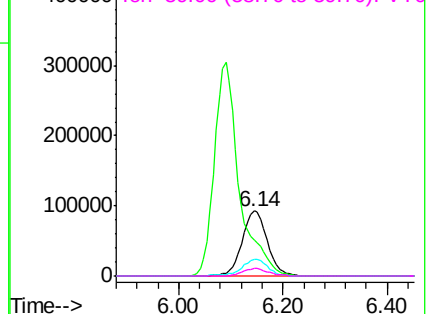
Abundance

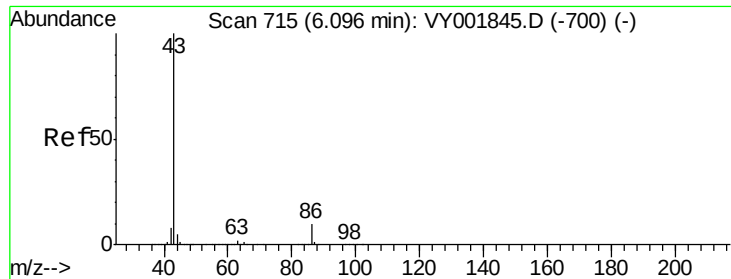
Ion 45.00 (44.70 to 45.70): VY0

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

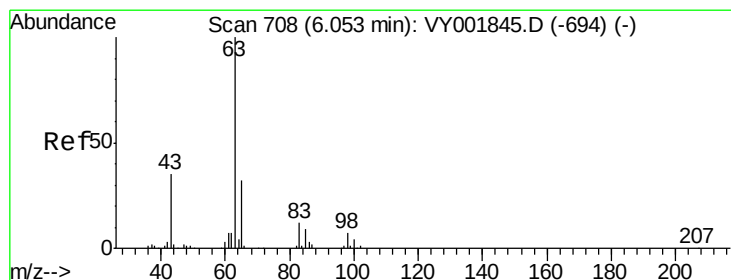
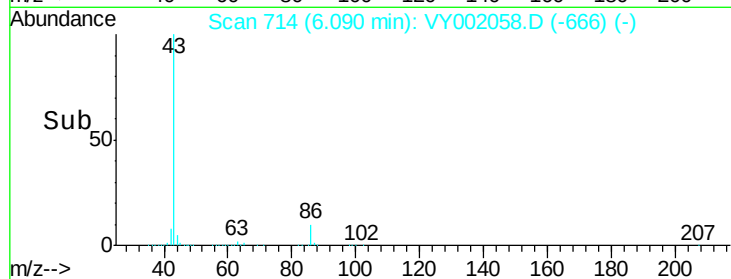
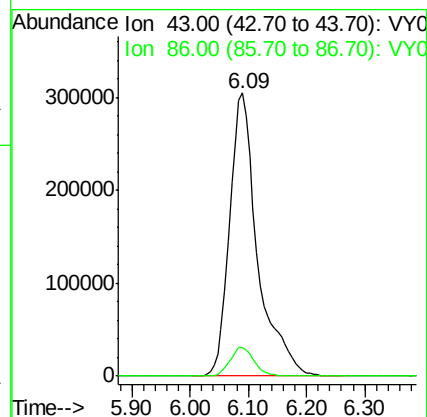
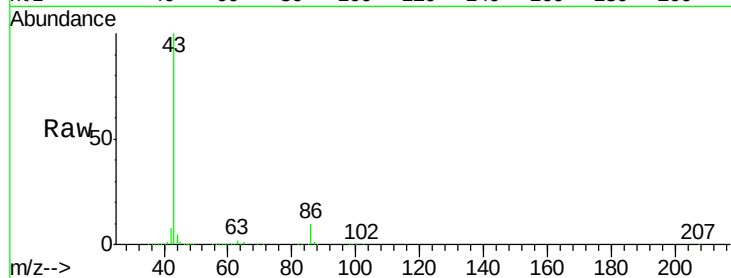




#23
 Vinyl Acetate
 Concen: 271.58 ug/l
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

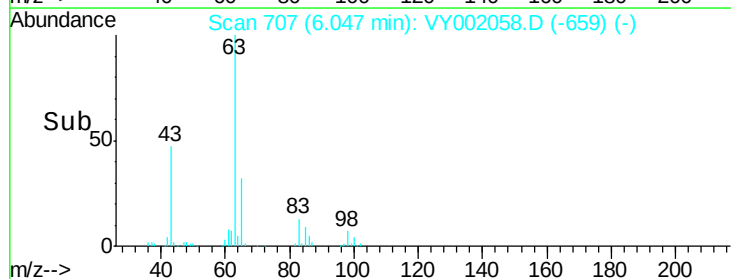
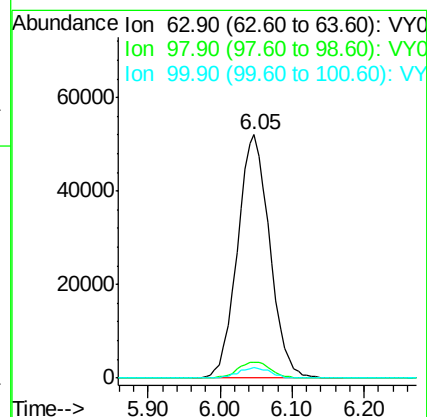
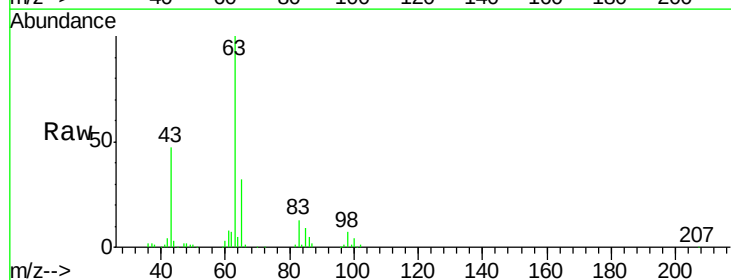
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

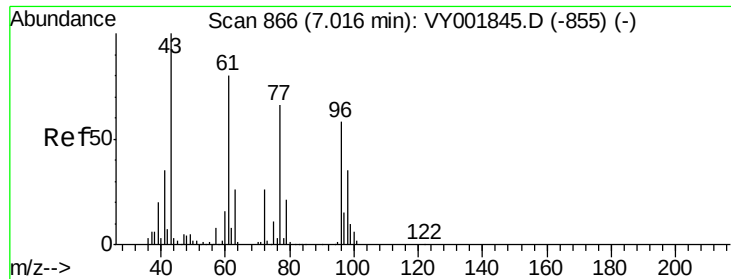
Tgt Ion: 43 Resp: 1017348
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.18 ug/l
 RT: 6.05 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 63 Resp: 161462
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.3 2.0 6.0

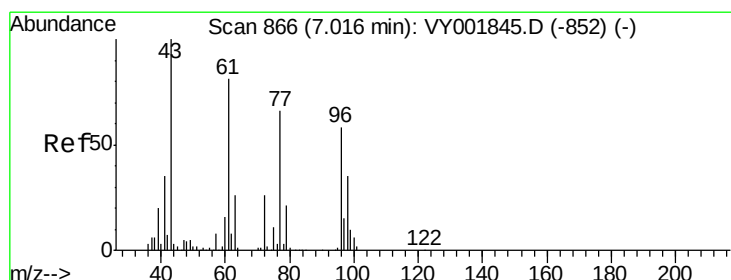
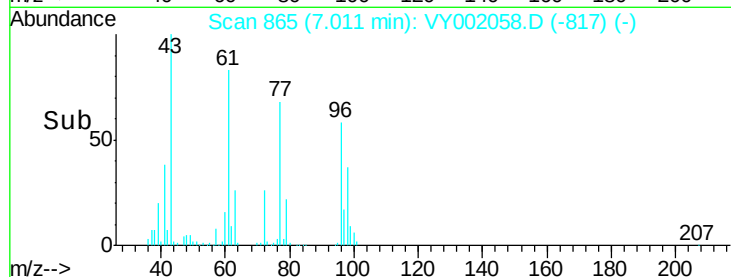
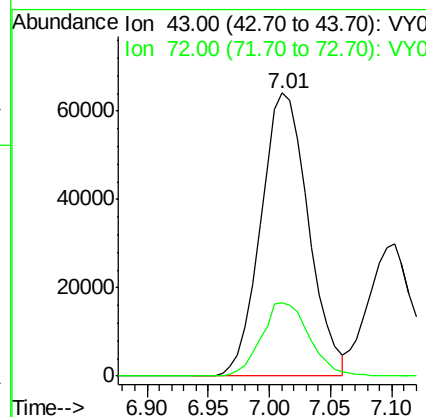
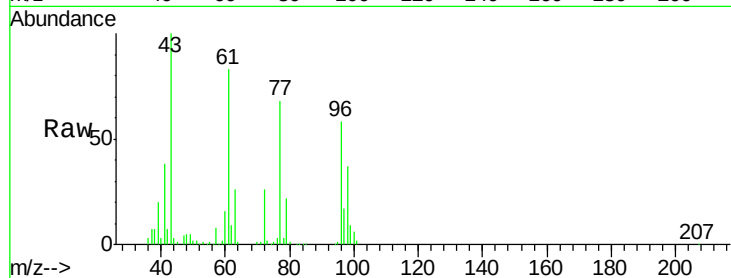




#25
 2-Butanone
 Concen: 259.88 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

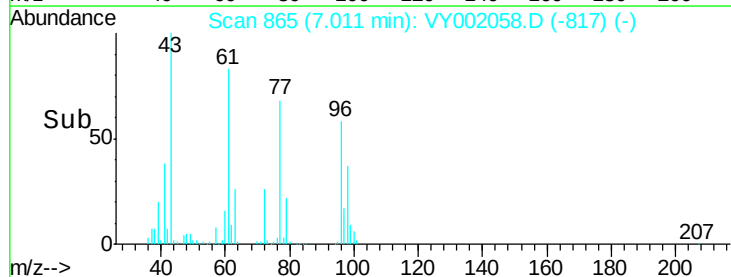
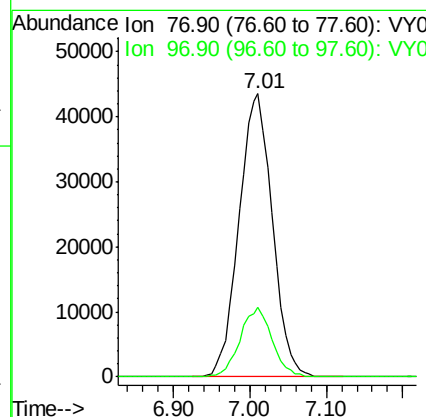
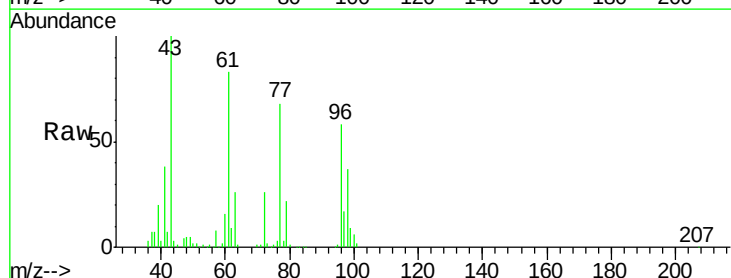
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

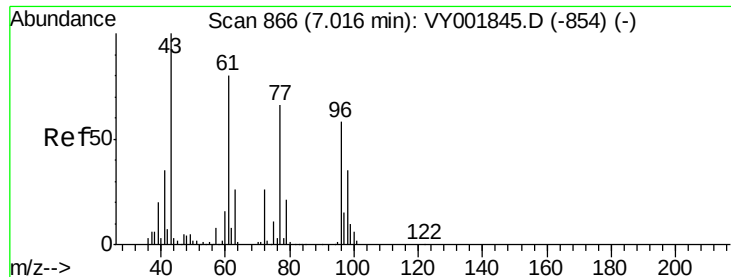
Tgt Ion: 43 Resp: 173797
 Ion Ratio Lower Upper
 43 100
 72 25.9 20.9 31.3



#26
 2,2-Dichloropropane
 Concen: 51.84 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 77 Resp: 131665
 Ion Ratio Lower Upper
 77 100
 97 23.6 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 51.67 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

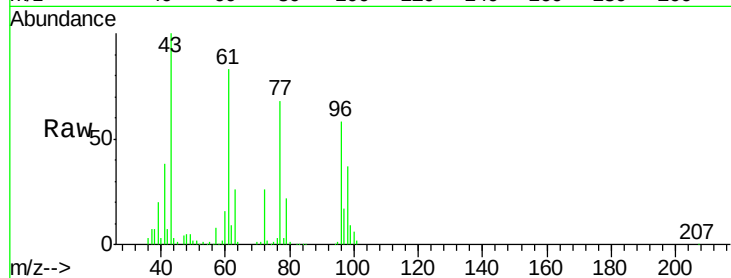
Tgt Ion: 96 Resp: 100313

Ion Ratio Lower Upper

96 100

61 147.6 0.0 288.2

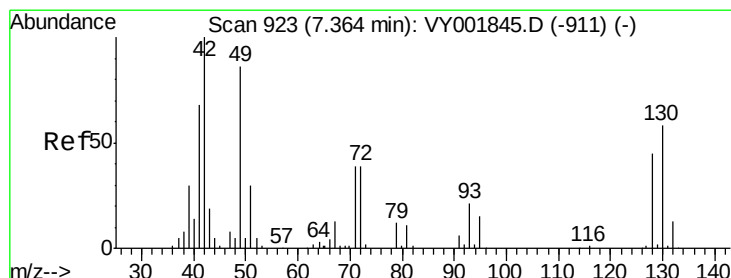
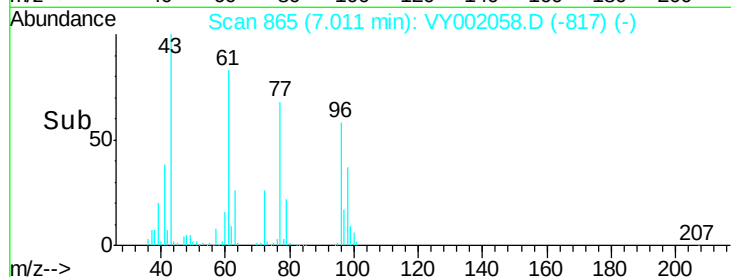
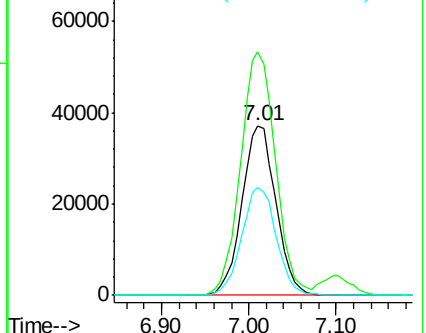
98 64.6 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VY001845.D (-854) (-)

Ion 60.90 (60.60 to 61.60): VY001845.D (-854) (-)

Ion 97.90 (97.60 to 98.60): VY001845.D (-854) (-)



#28

Bromochloromethane

Concen: 55.38 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

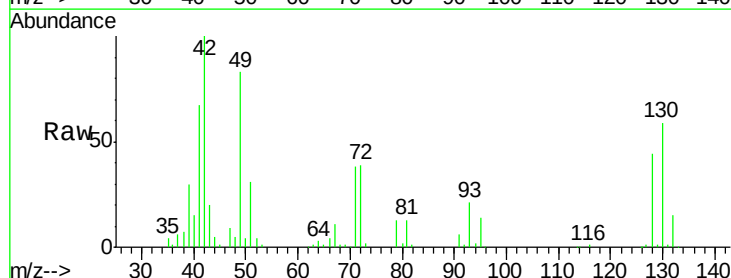
Tgt Ion: 49 Resp: 77242

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

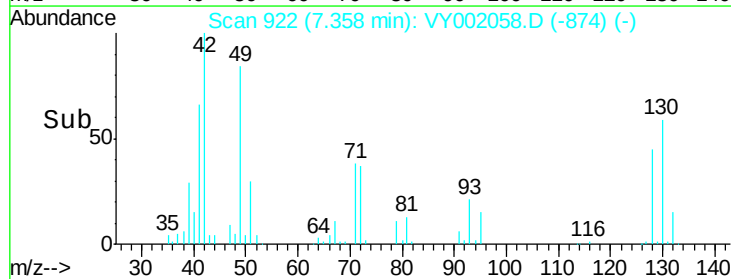
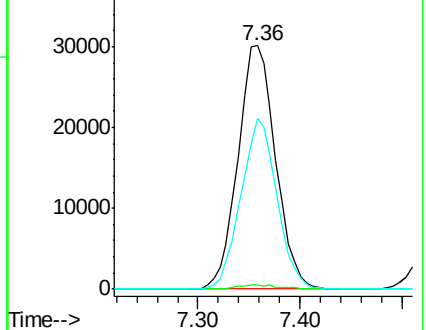
130 67.1 54.4 81.6

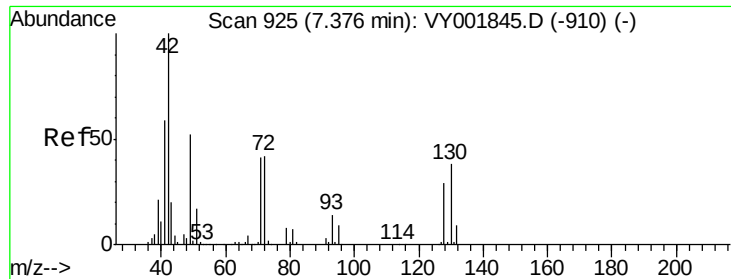


Abundance Ion 48.90 (48.60 to 49.60): VY001845.D (-911) (-)

Ion 128.80 (128.50 to 129.50): VY001845.D (-911) (-)

Ion 129.80 (129.50 to 130.50): VY001845.D (-911) (-)

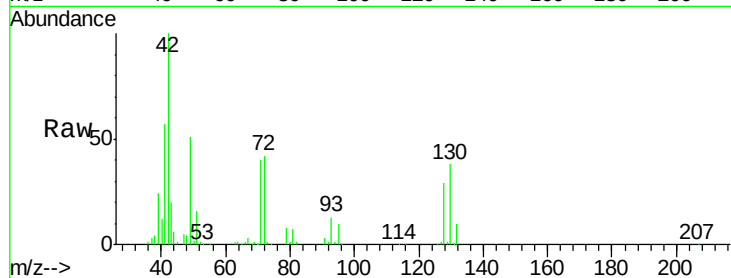




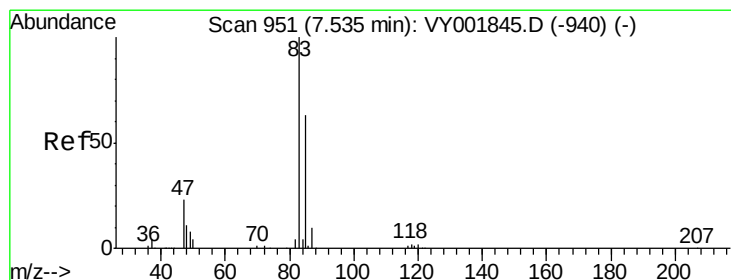
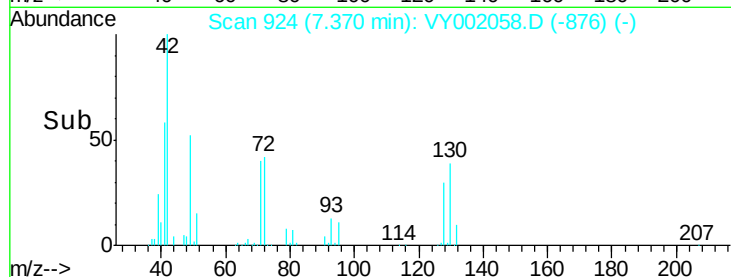
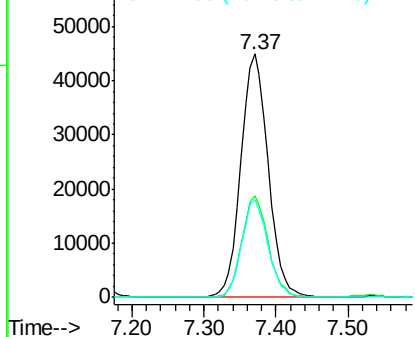
#29
Tetrahydrofuran
Concen: 267.46 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 118776
Ion Ratio Lower Upper
42 100
72 40.2 33.5 50.3
71 38.3 31.3 46.9

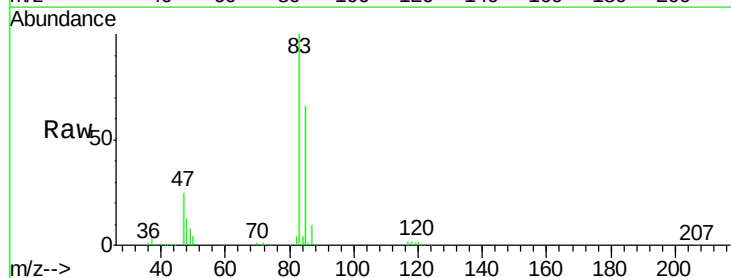


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

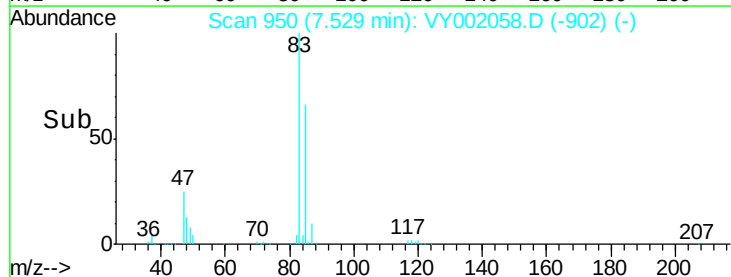
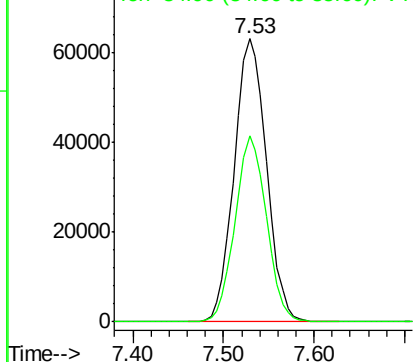


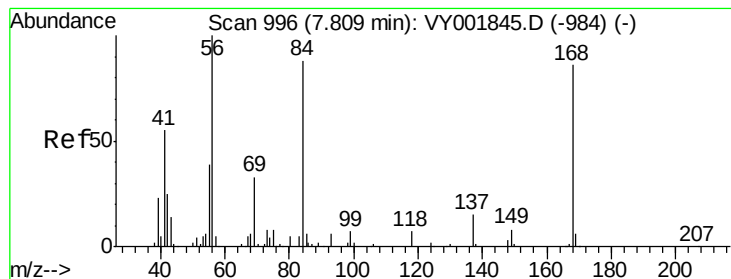
#30
Chloroform
Concen: 53.52 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 83 Resp: 155589
Ion Ratio Lower Upper
83 100
85 65.6 50.7 76.1



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





#31

Cyclohexane

Concen: 46.03 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

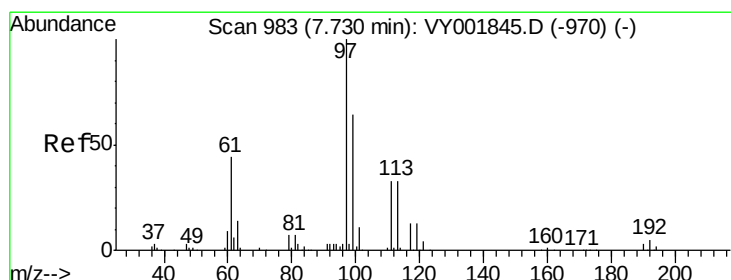
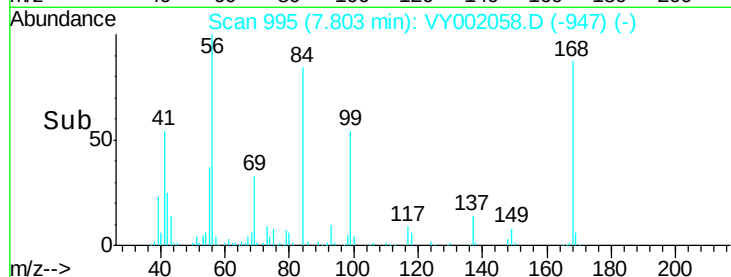
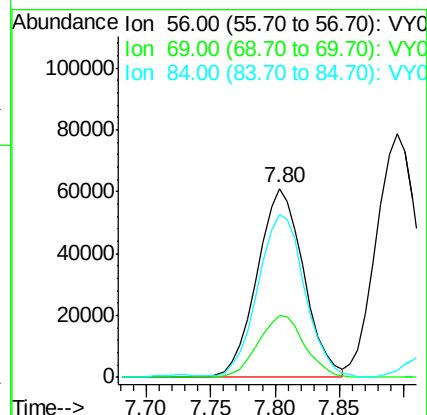
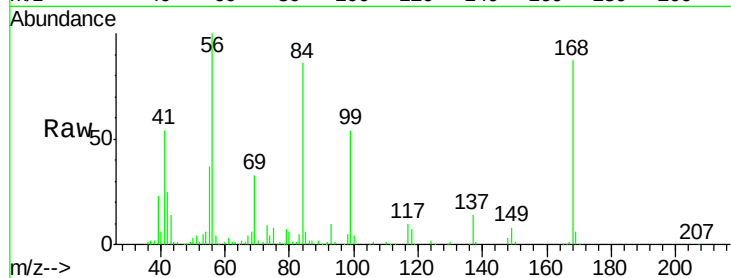
Tgt Ion: 56 Resp: 152704

Ion Ratio Lower Upper

56 100

69 33.0 26.7 40.1

84 85.3 70.4 105.6



#32

1,1,1-Trichloroethane

Concen: 53.42 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

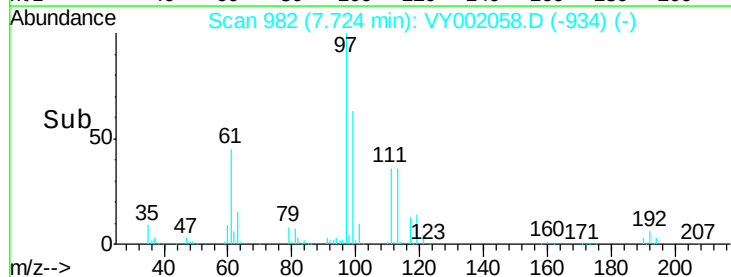
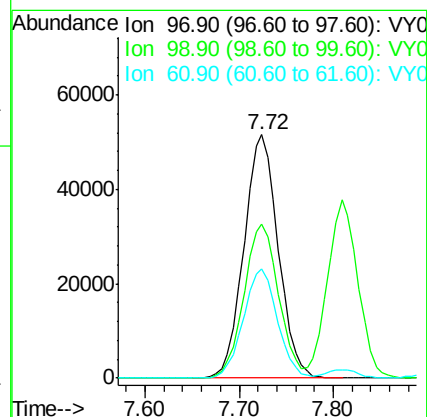
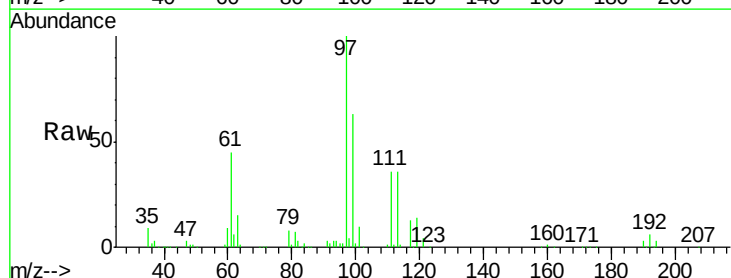
Tgt Ion: 97 Resp: 130899

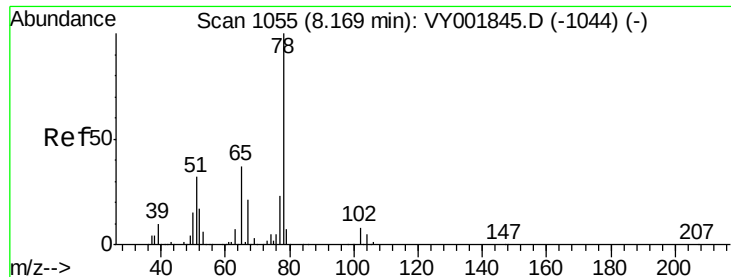
Ion Ratio Lower Upper

97 100

99 63.9 52.0 78.0

61 44.7 35.0 52.4

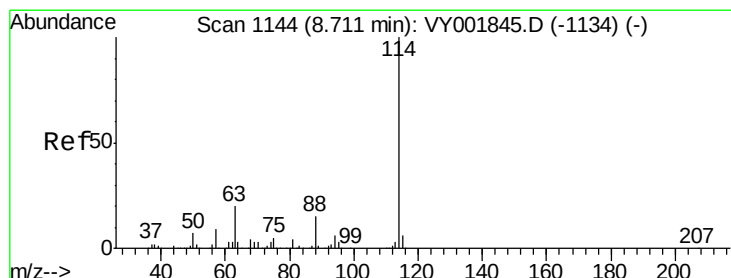
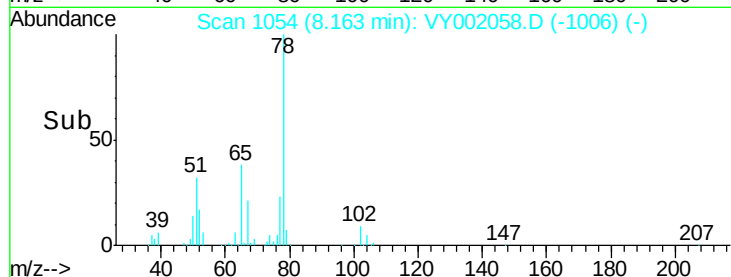
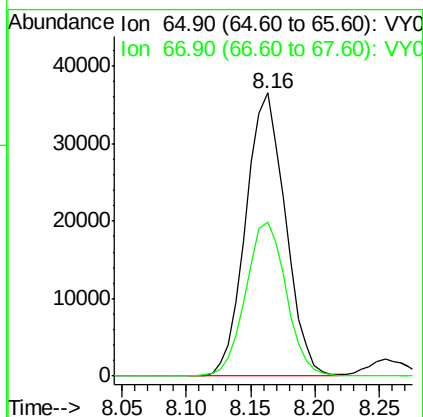
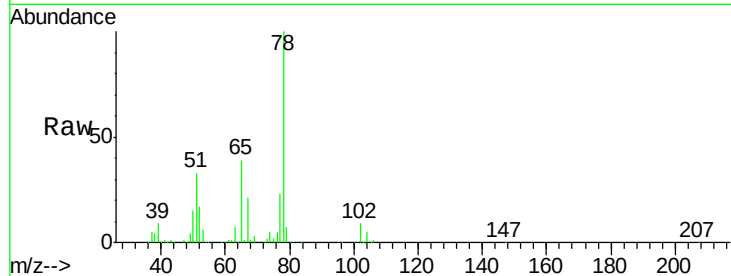




#33
 1,2-Dichloroethane-d4
 Concen: 51.65 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

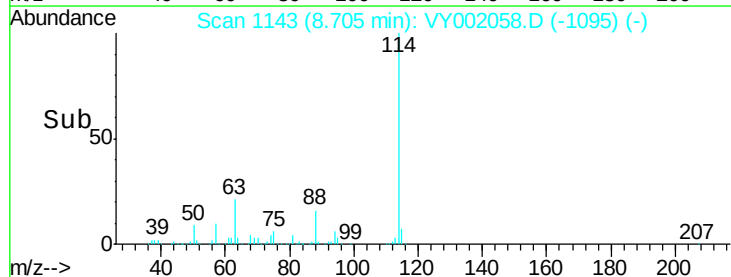
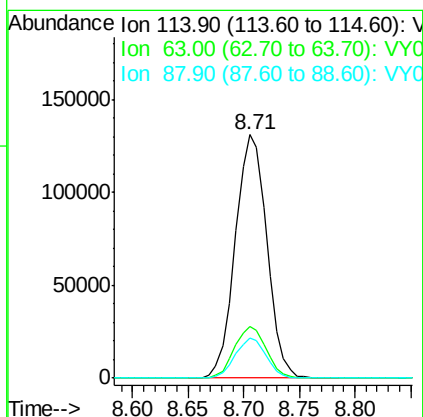
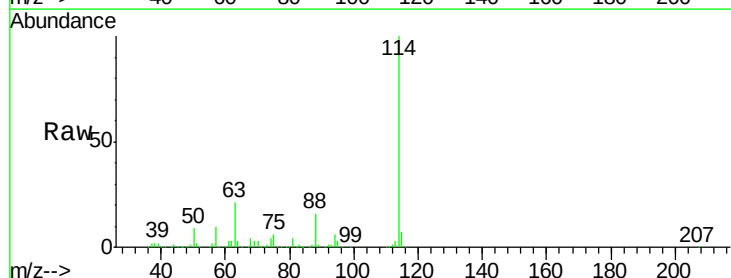
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

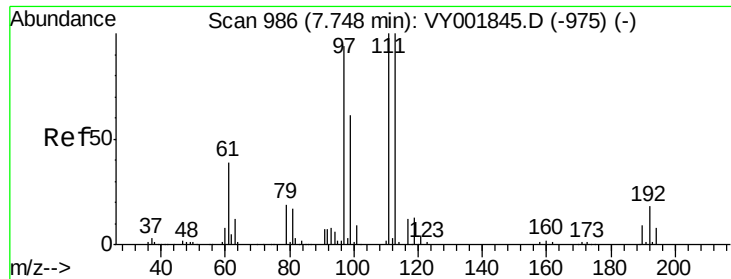
Tgt Ion: 65 Resp: 77984
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 114 Resp: 257717
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.4
 88 16.4 0.0 30.4

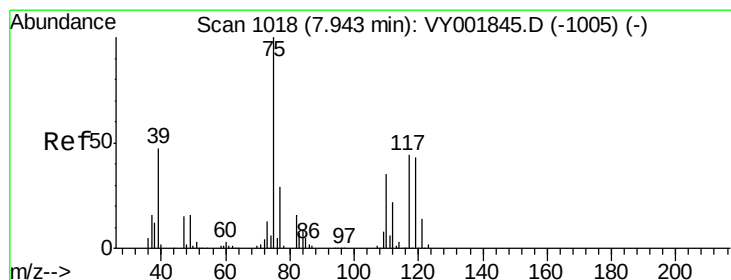
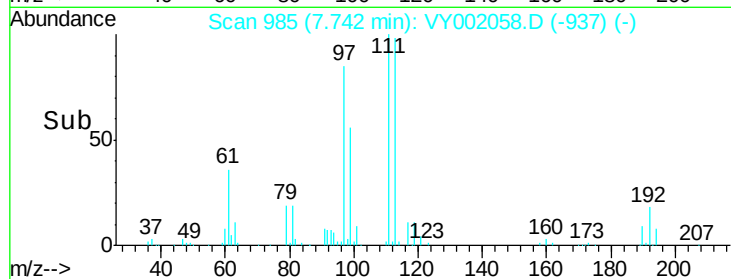
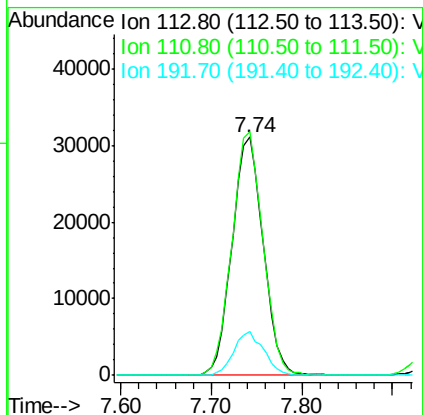
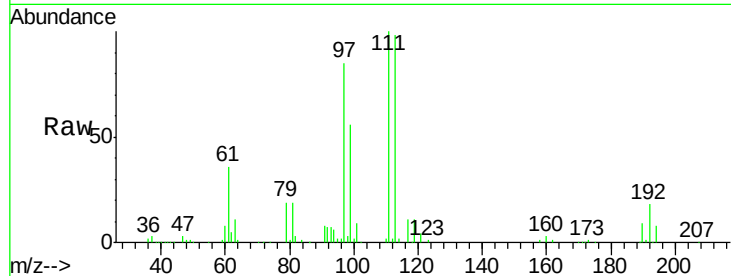




#35
 Dibromofluoromethane
 Concen: 52.76 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

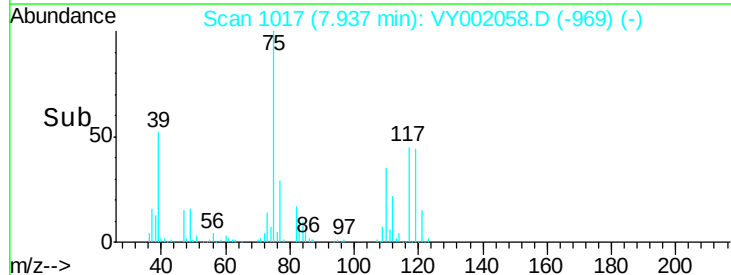
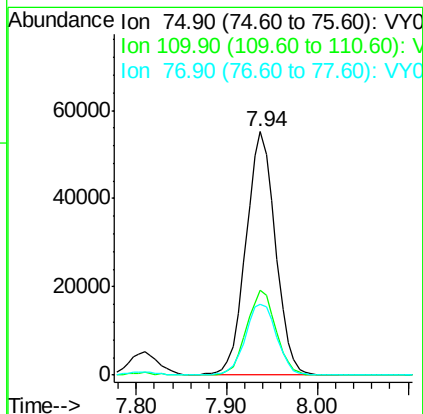
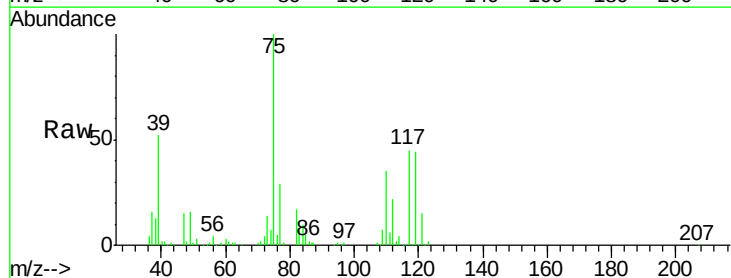
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

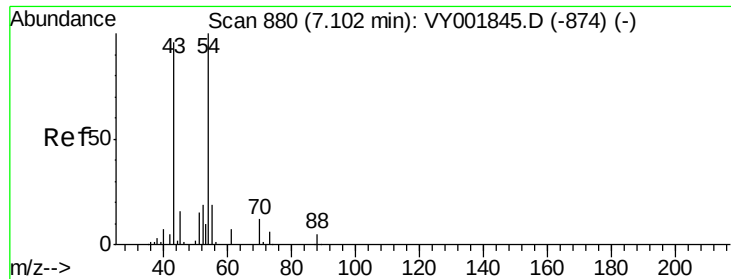
Tgt Ion:113 Resp: 74252
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.8
 192 17.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 50.03 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 75 Resp: 124072
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.4 52.2
 77 31.0 24.2 36.2

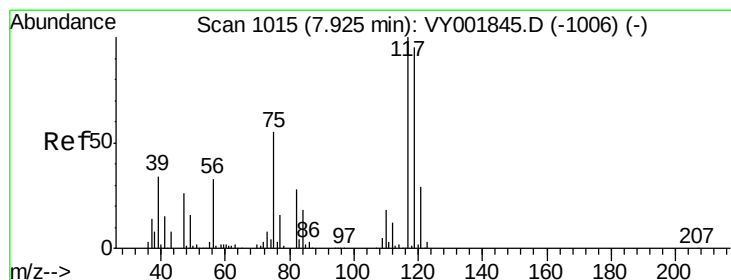
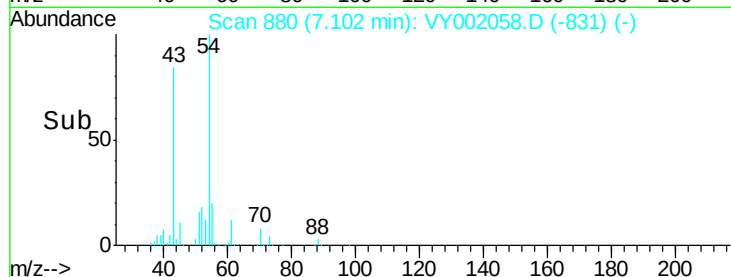
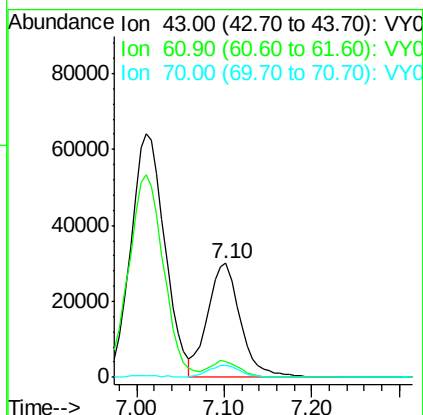
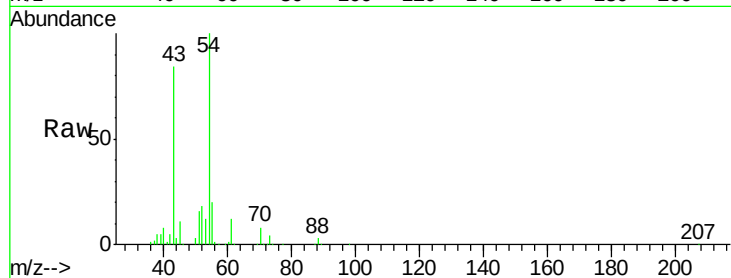




#37
Ethyl Acetate
 Concen: 54.13 ug/l
 RT: 7.10 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

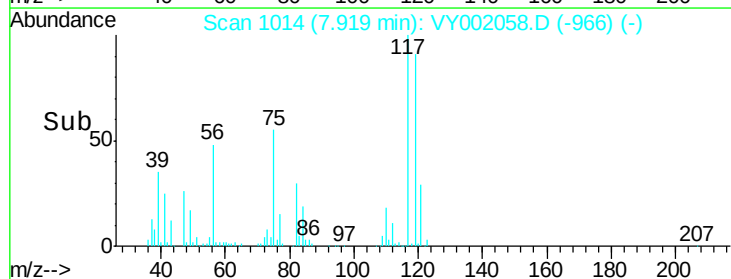
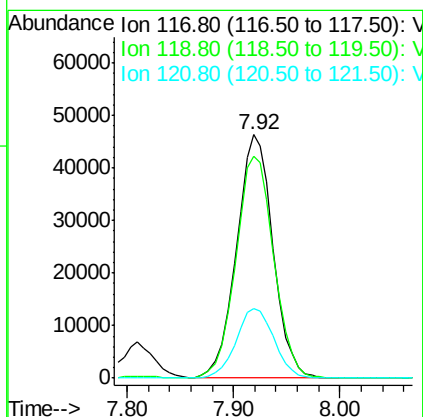
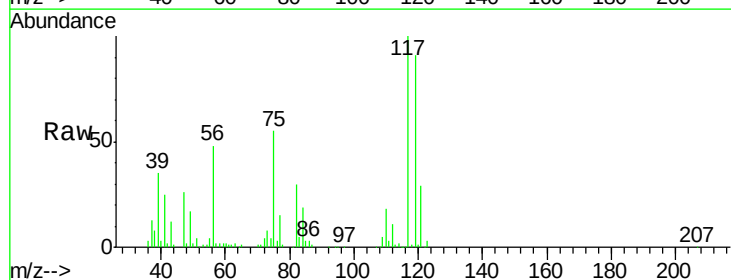
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

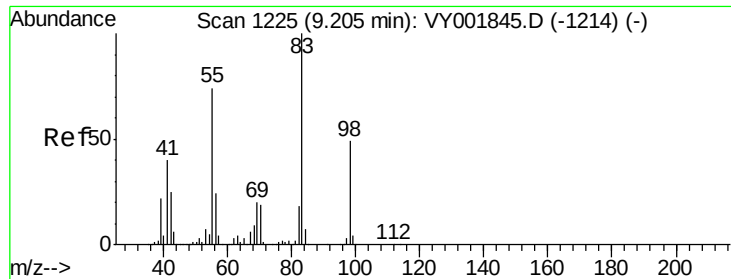
Tgt Ion: 43 Resp: 78029
 Ion Ratio Lower Upper
 43 100
 61 13.4 11.1 16.7
 70 10.0 8.2 12.4



#38
Carbon Tetrachloride
 Concen: 52.46 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 117 Resp: 111141
 Ion Ratio Lower Upper
 117 100
 119 90.9 76.3 114.5
 121 28.5 23.5 35.3

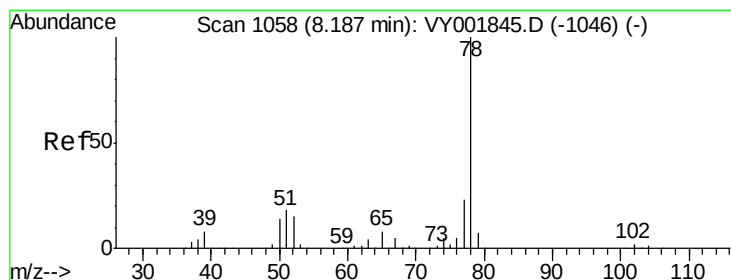
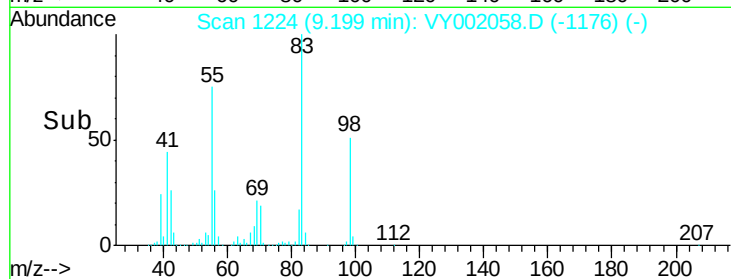
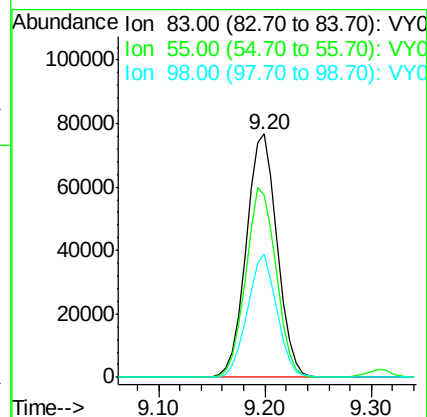
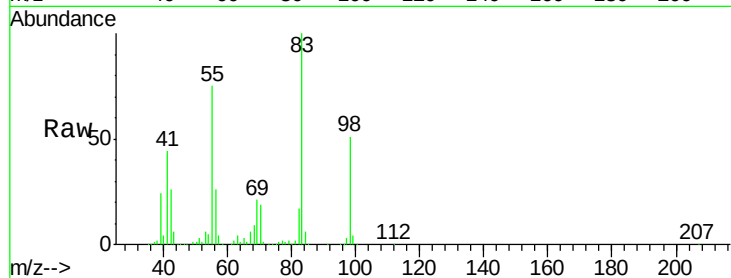




#39
Methylcyclohexane
Concen: 47.45 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

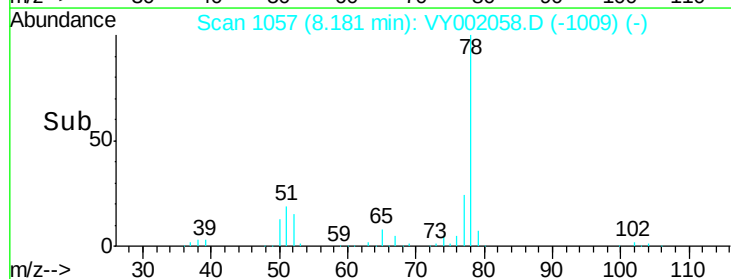
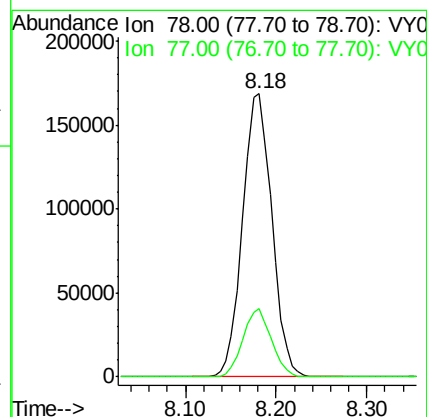
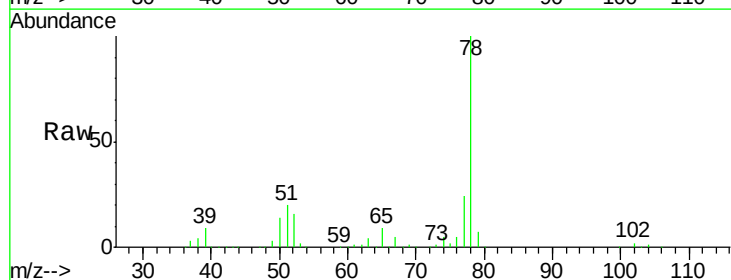
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

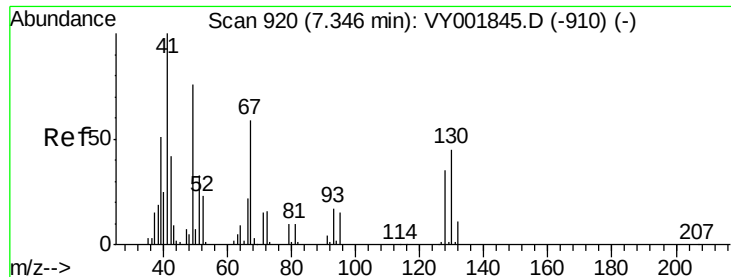
Tgt Ion: 83 Resp: 156089
Ion Ratio Lower Upper
83 100
55 74.7 59.4 89.0
98 50.8 38.9 58.3



#40
Benzene
Concen: 51.36 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 78 Resp: 377562
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1

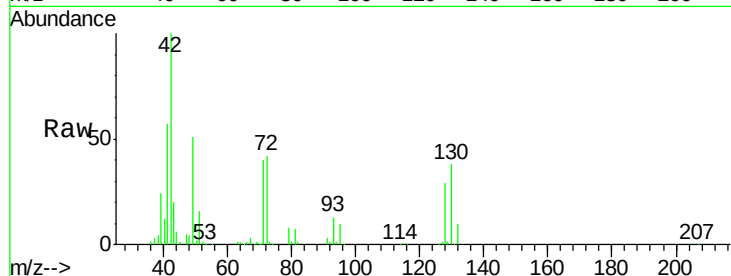




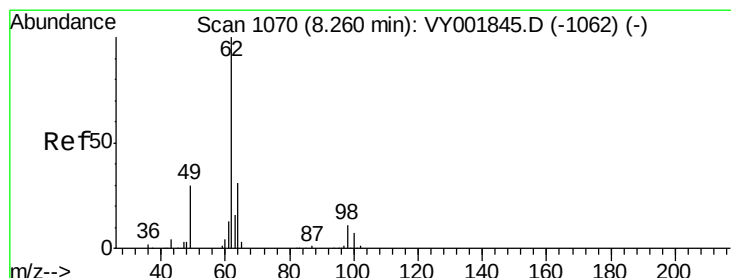
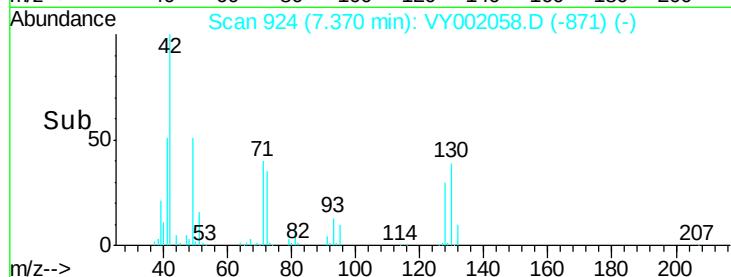
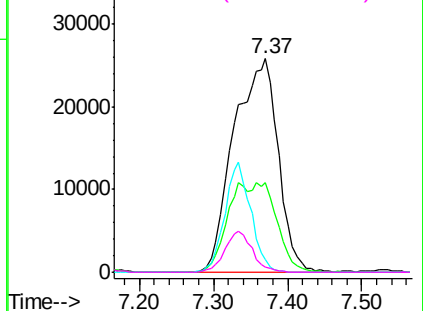
#41
Methacrylonitrile
Concen: 165.51 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 107362
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

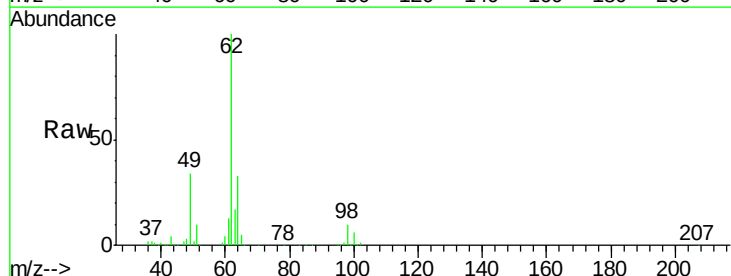


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

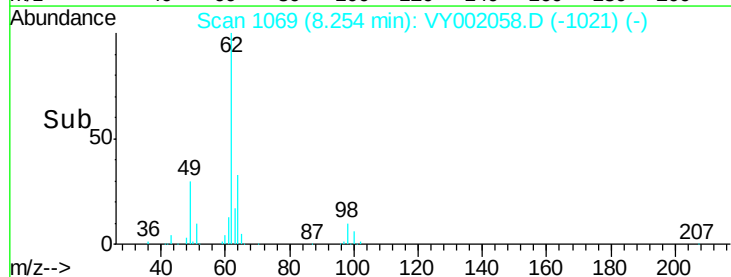
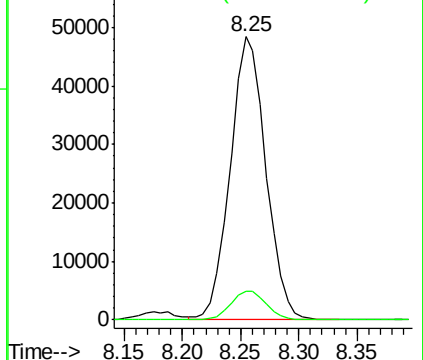


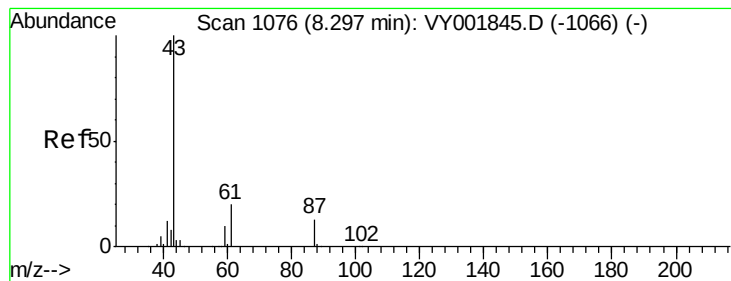
#42
1,2-Dichloroethane
Concen: 54.41 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 62 Resp: 103070
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 54.62 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

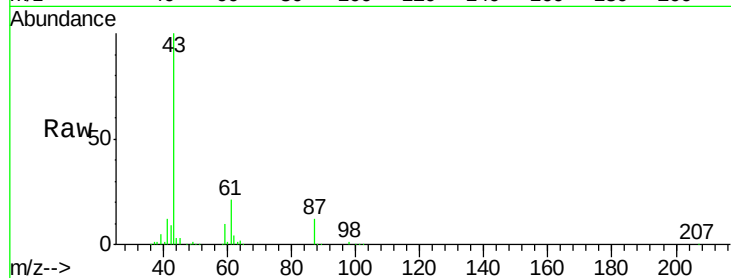
Tgt Ion: 43 Resp: 149067

Ion Ratio Lower Upper

43 100

61 29.0 23.8 35.6

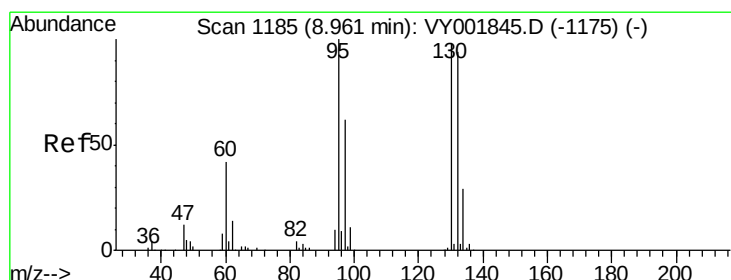
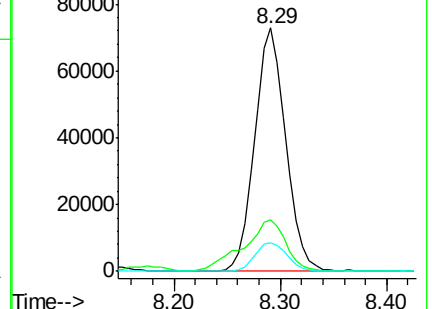
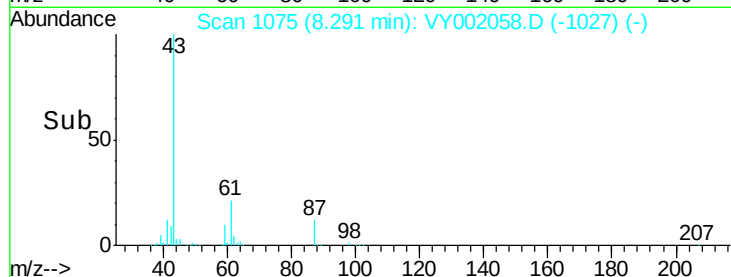
87 12.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001845.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001845.D (-1066) (-)



#44

Trichloroethene

Concen: 50.57 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY002058.D

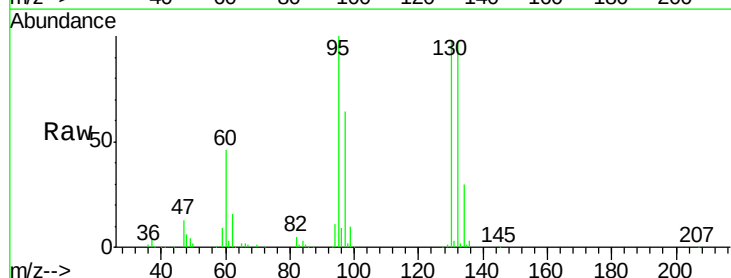
Acq: 24 Mar 2020 18:02

Tgt Ion: 130 Resp: 90527

Ion Ratio Lower Upper

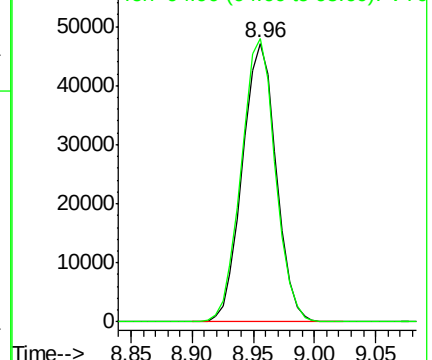
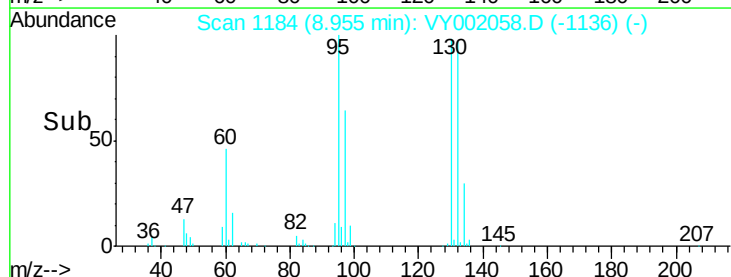
130 100

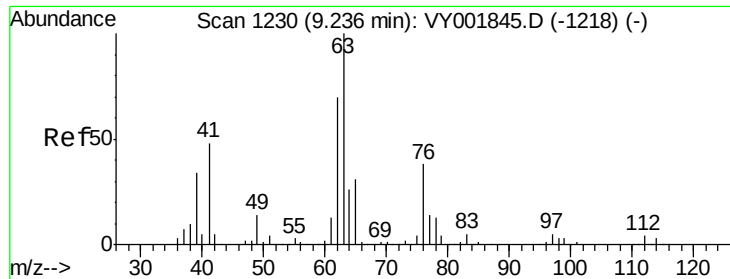
95 101.6 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001845.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001845.D (-1175) (-)

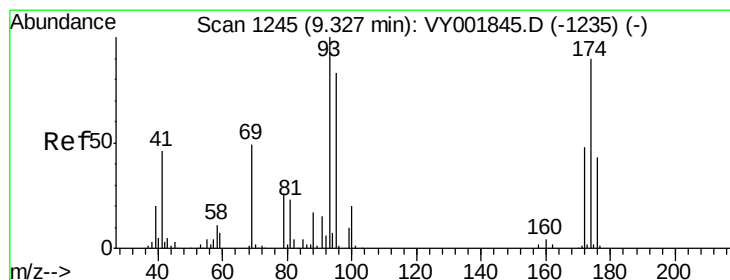
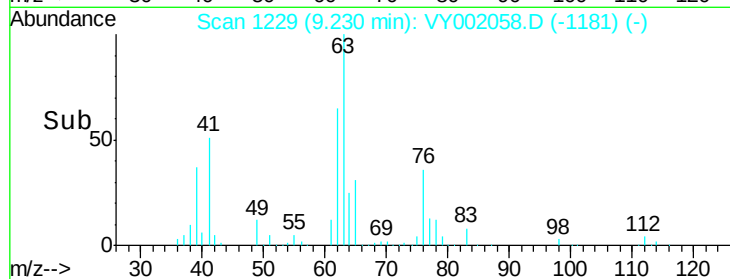
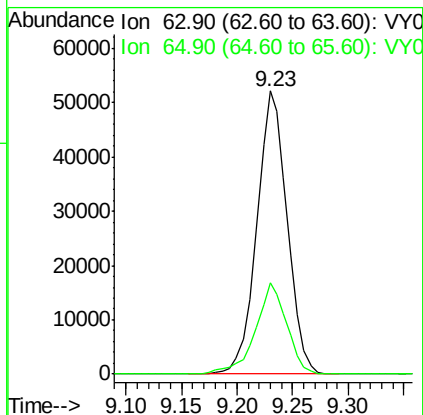
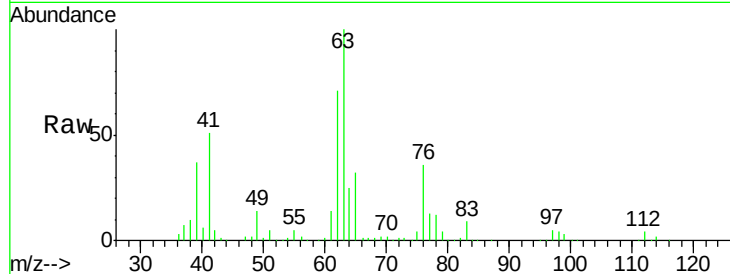




#45
 1,2-Dichloropropane
 Concen: 53.47 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

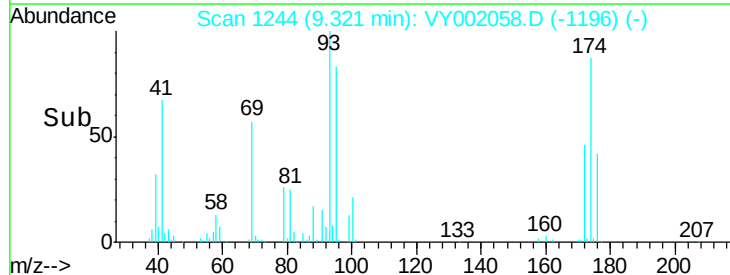
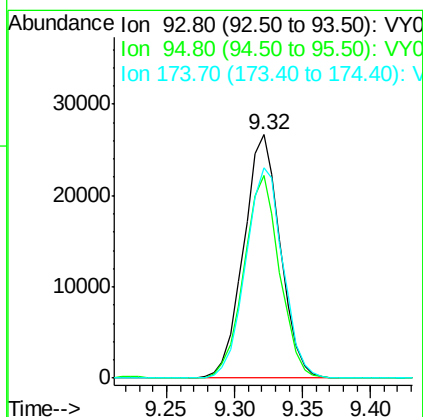
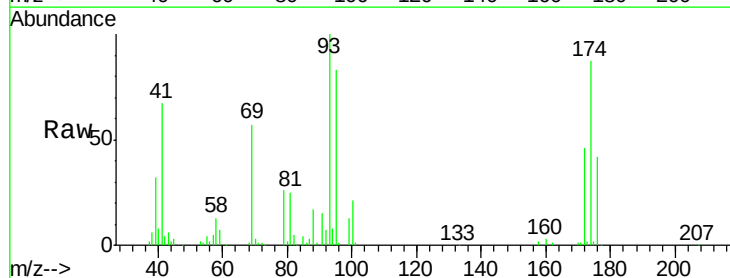
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

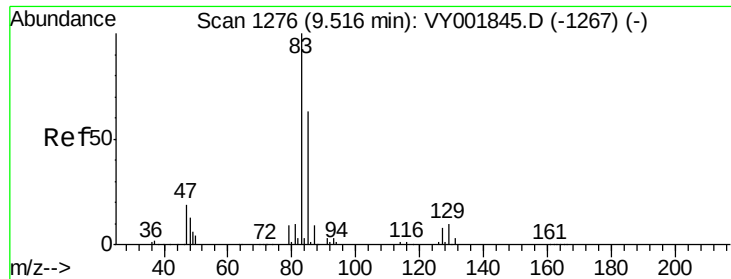
Tgt Ion: 63 Resp: 98805
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.9 37.3



#46
 Dibromomethane
 Concen: 52.66 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 93 Resp: 50149
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.0 100.4
 174 88.0 71.8 107.8

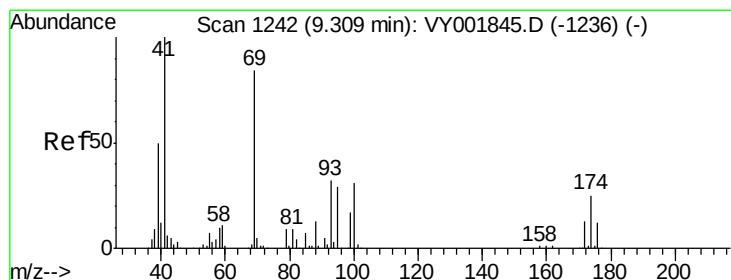
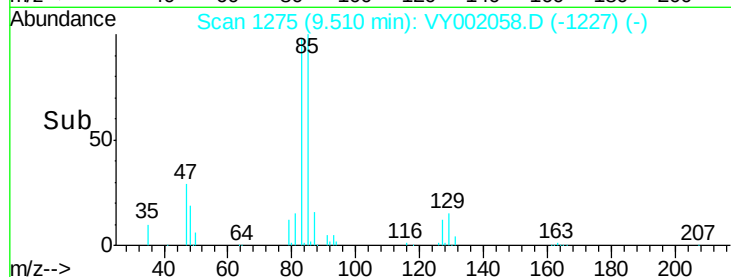
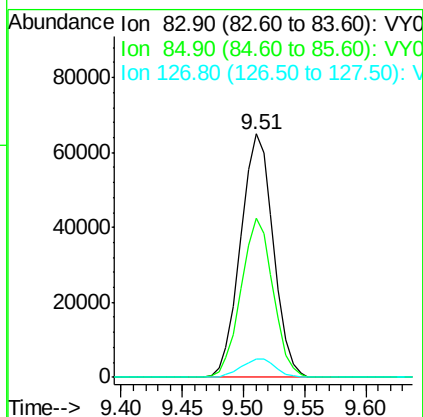
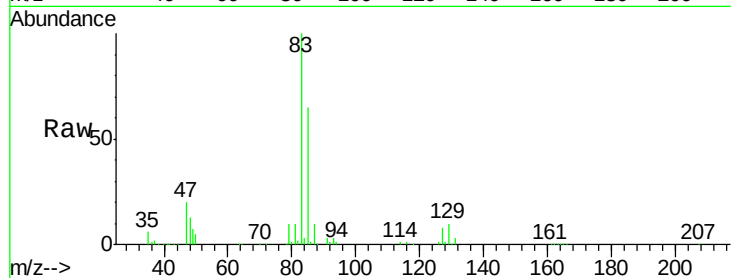




#47
Bromodichloromethane
Concen: 54.46 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

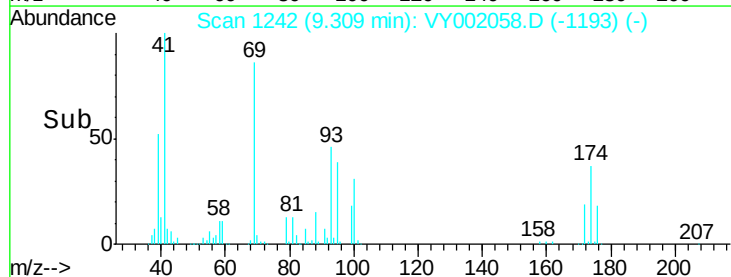
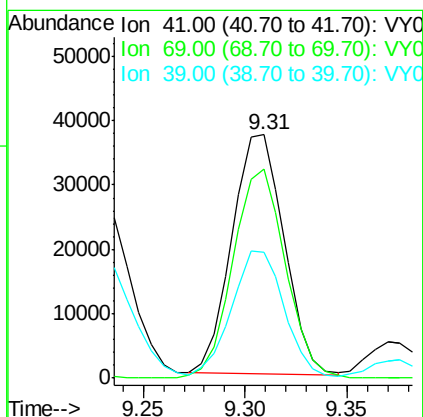
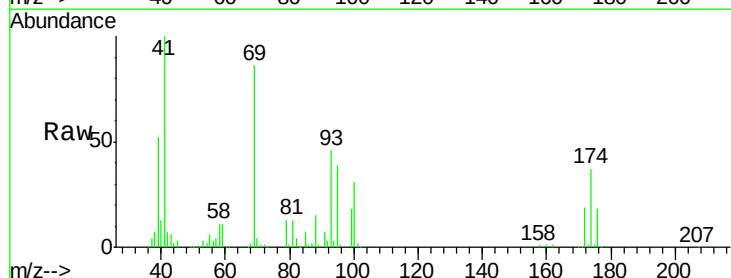
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

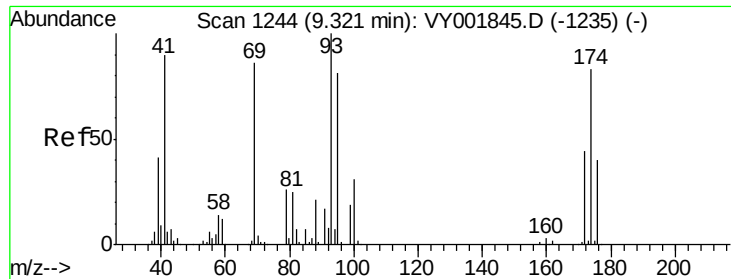
Tgt Ion: 83 Resp: 120626
Ion Ratio Lower Upper
83 100
85 65.4 50.6 76.0
127 7.6 6.2 9.4



#48
Methyl methacrylate
Concen: 54.60 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 41 Resp: 66113
Ion Ratio Lower Upper
41 100
69 88.0 69.0 103.6
39 54.1 39.1 58.7

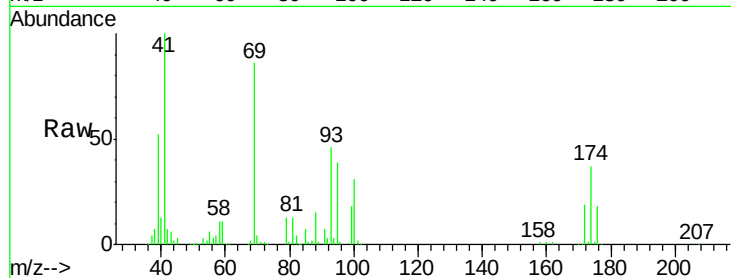




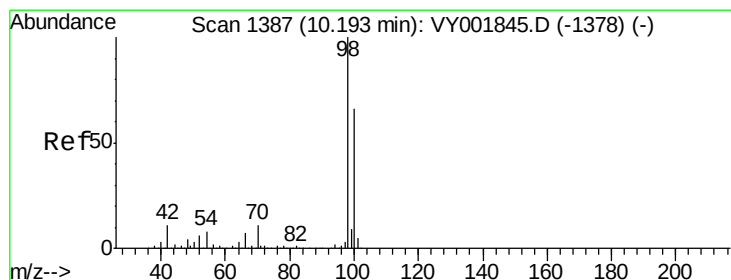
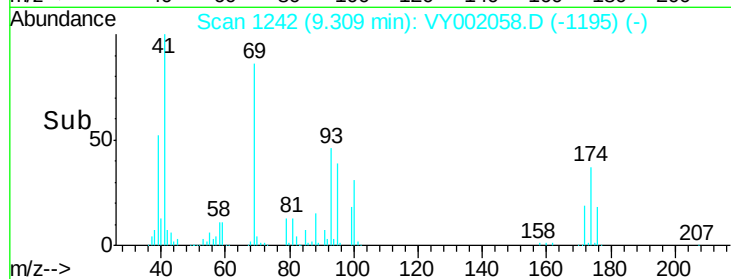
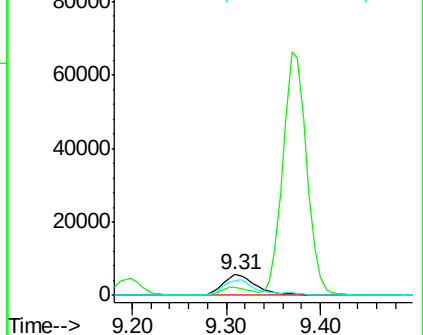
#49
1,4-Dioxane
Concen: 1074.25 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 14017
Ion Ratio Lower Upper
88 100
43 32.9 25.0 37.6
58 77.9 58.9 88.3

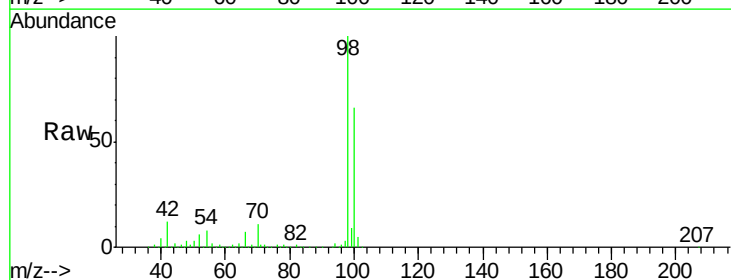


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

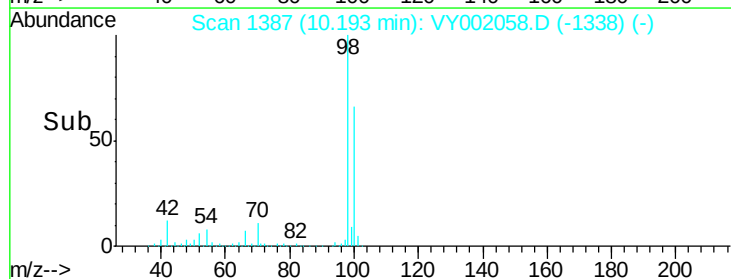
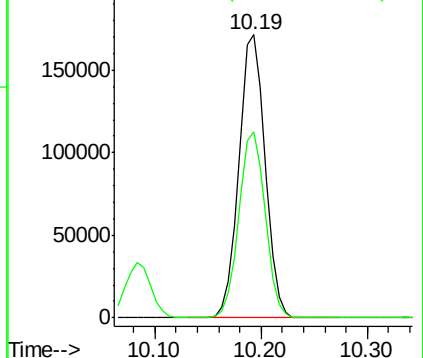


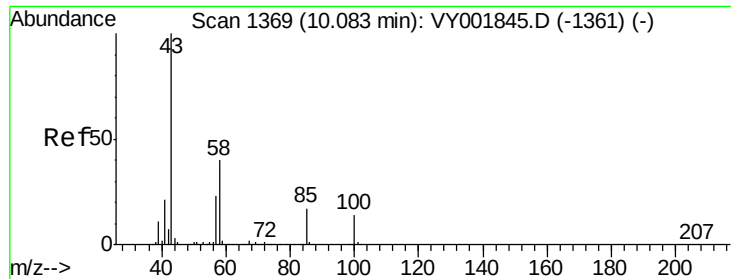
#50
Toluene-d8
Concen: 50.02 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 98 Resp: 296809
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



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

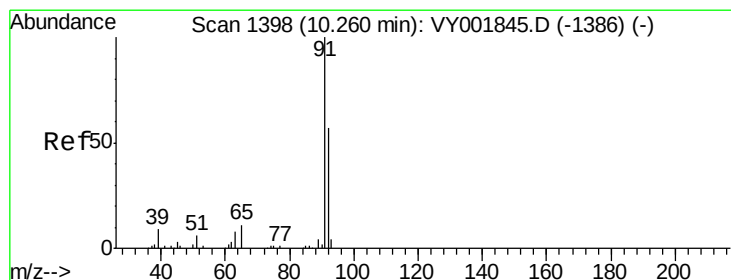
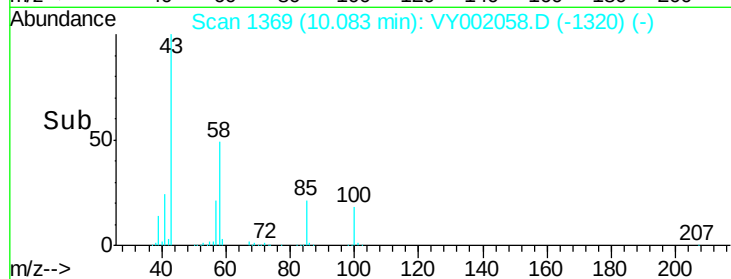
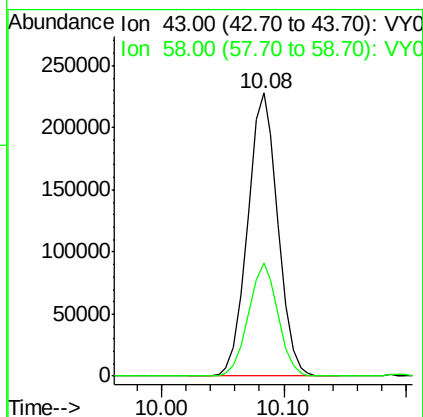
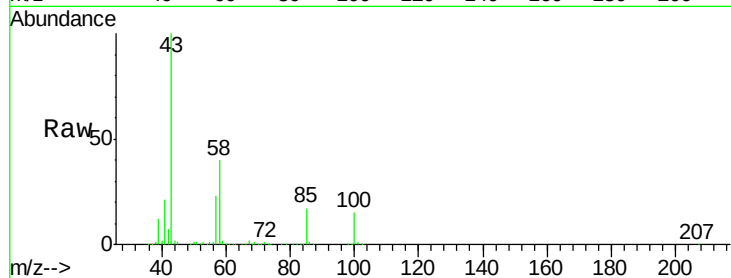




#51
 4-Methyl-2-Pentanone
 Concen: 278.00 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

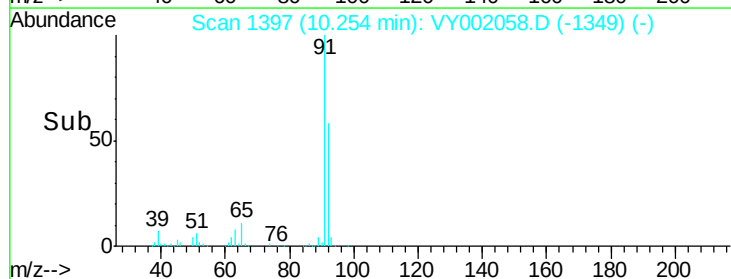
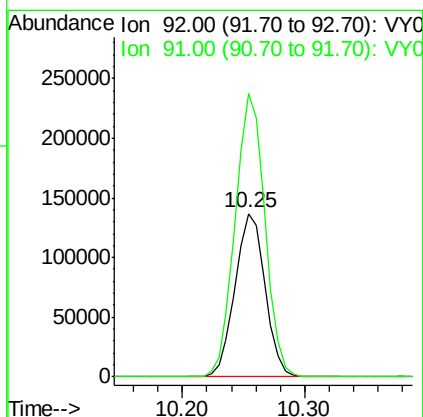
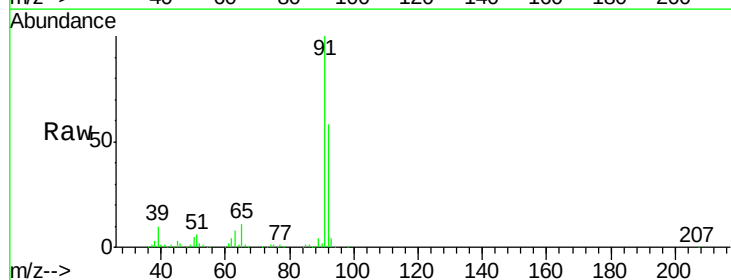
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

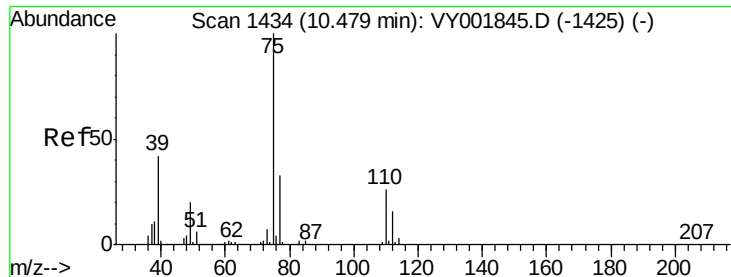
Tgt Ion: 43 Resp: 390757
 Ion Ratio Lower Upper
 43 100
 58 39.0 32.0 48.0



#52
 Toluene
 Concen: 51.83 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 92 Resp: 231423
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 54.55 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

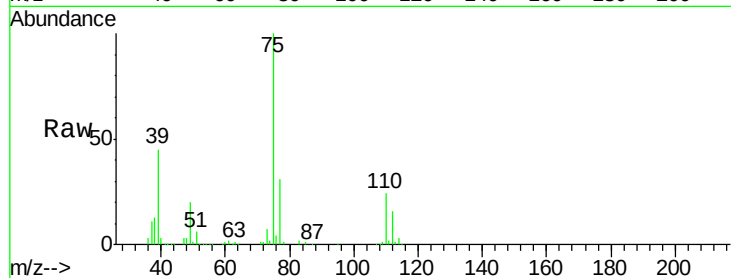
VSTDCCC050EC

Tgt Ion: 75 Resp: 131636

Ion Ratio Lower Upper

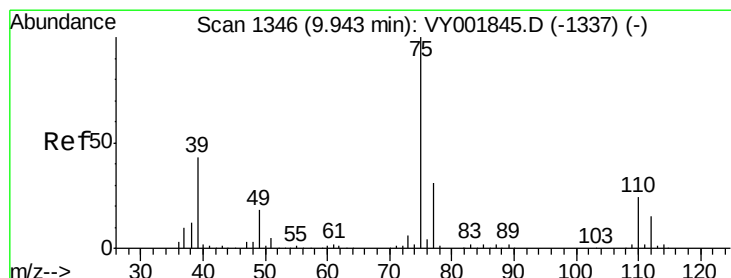
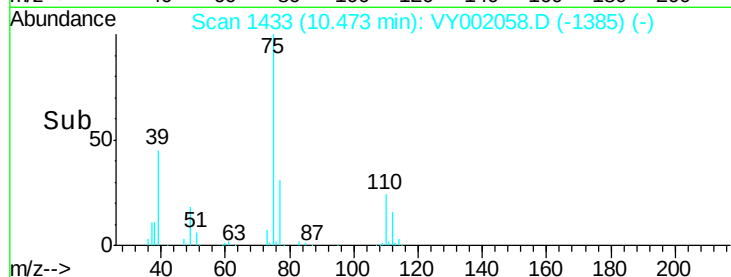
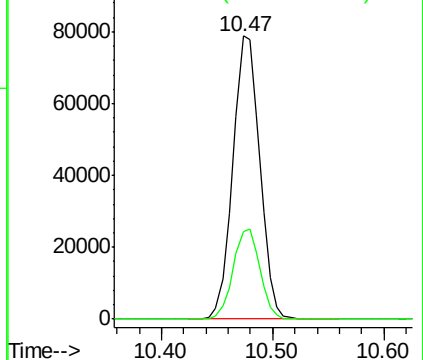
75 100

77 30.9 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 53.68 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

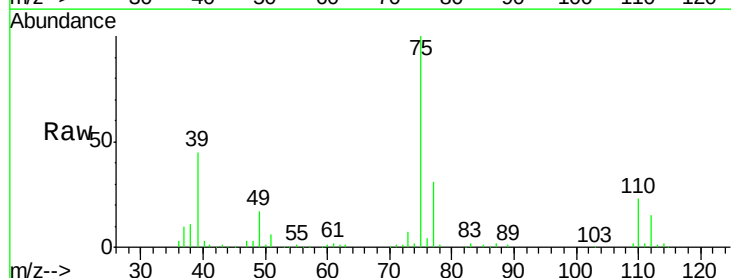
Tgt Ion: 75 Resp: 154213

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

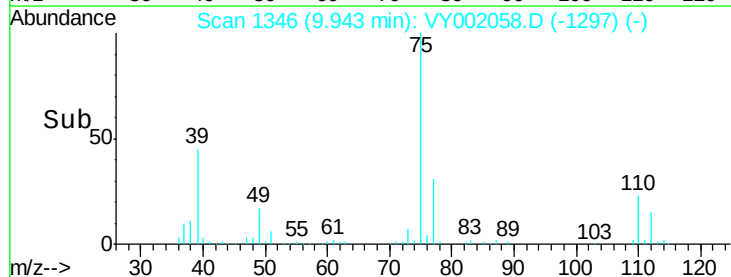
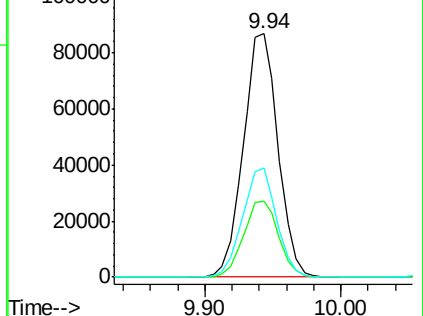
39 44.6 34.7 52.1

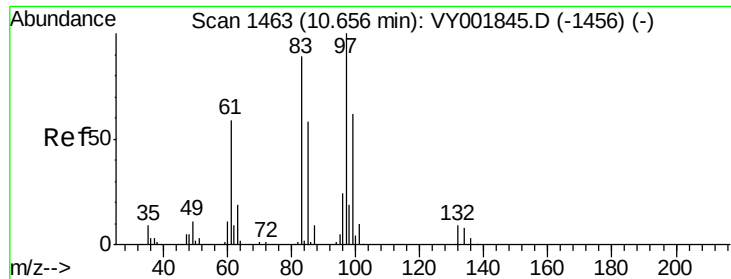


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

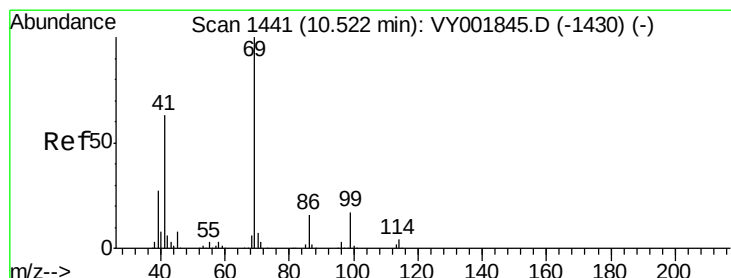
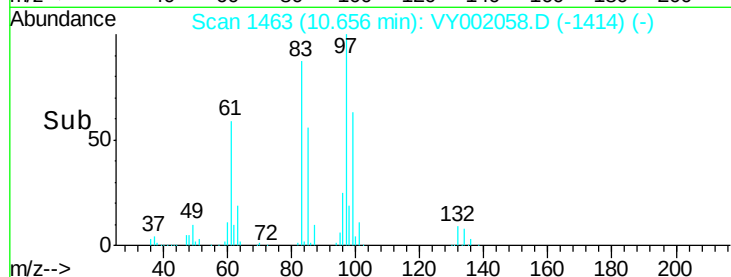
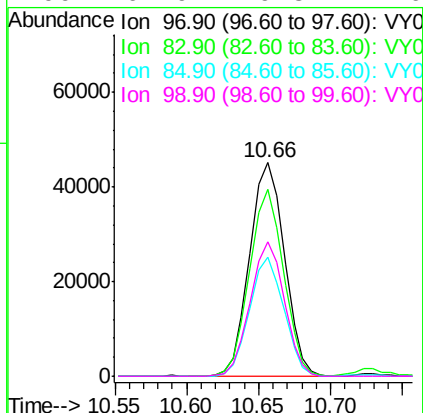
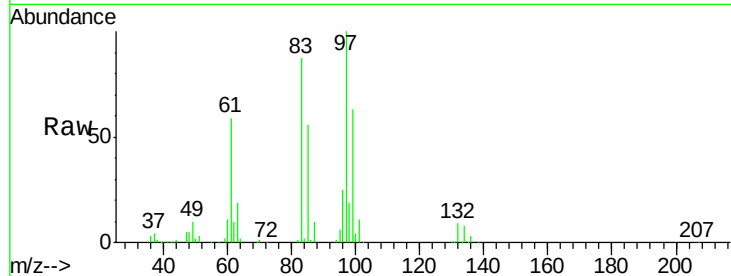




#55
 1,1,2-Trichloroethane
 Concen: 54.28 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

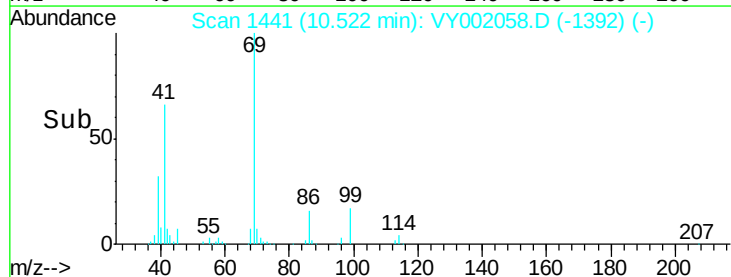
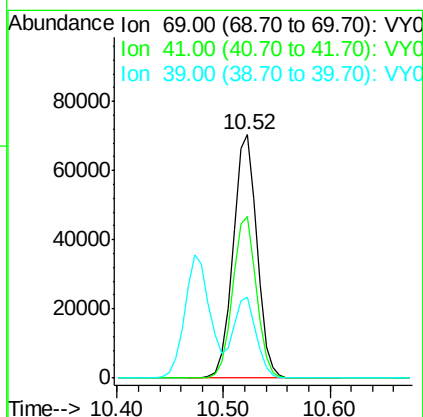
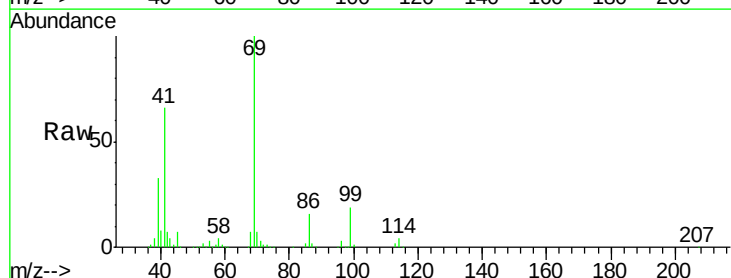
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

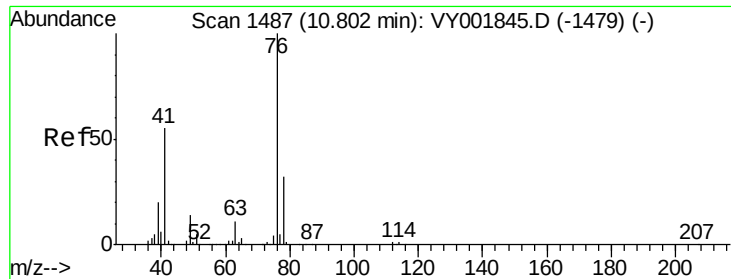
Tgt Ion: 97 Resp: 75650
 Ion Ratio Lower Upper
 97 100
 83 87.5 71.6 107.4
 85 55.7 46.6 69.8
 99 62.9 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 54.03 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 69 Resp: 110364
 Ion Ratio Lower Upper
 69 100
 41 65.8 49.9 74.9
 39 32.8 23.0 34.6

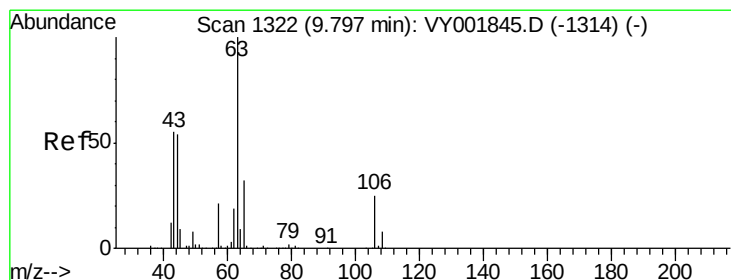
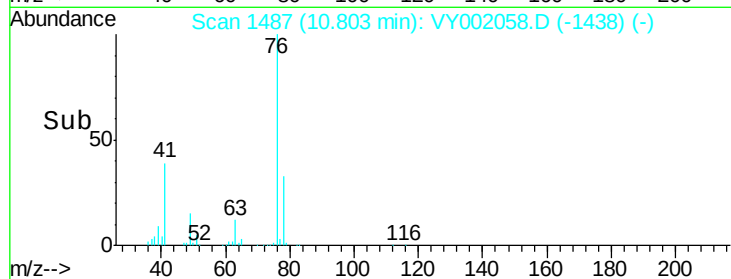
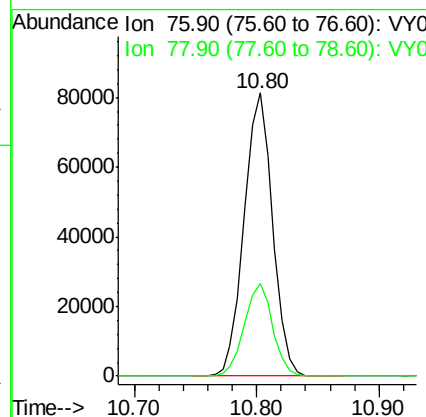
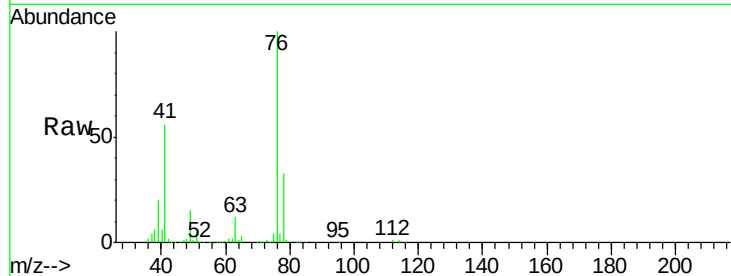




#57
 1,3-Dichloropropane
 Concen: 52.69 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

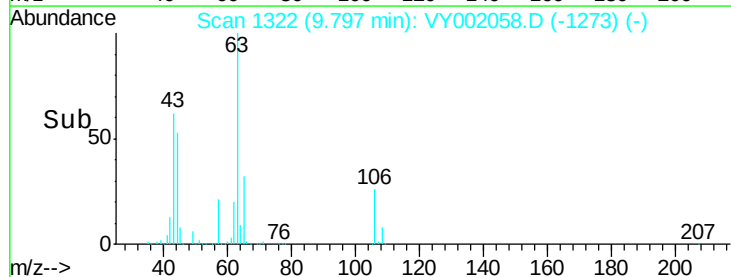
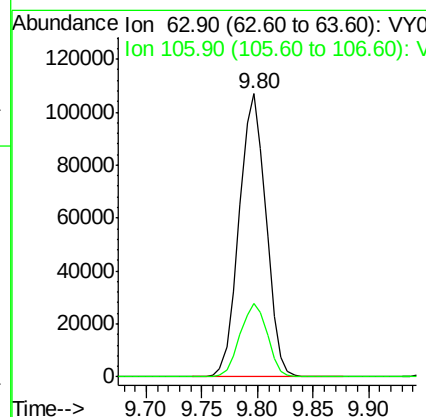
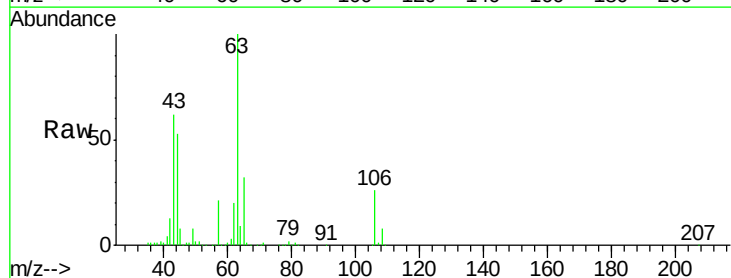
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

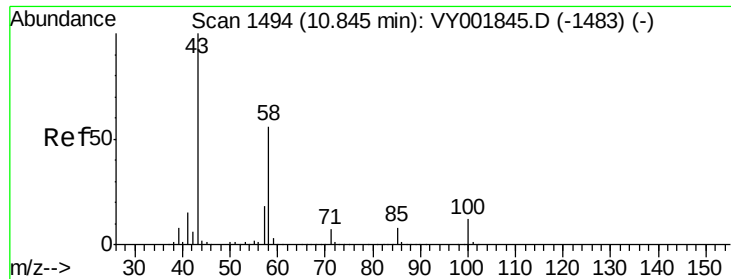
Tgt Ion: 76 Resp: 130891
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.95 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 63 Resp: 178486
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.3 31.9

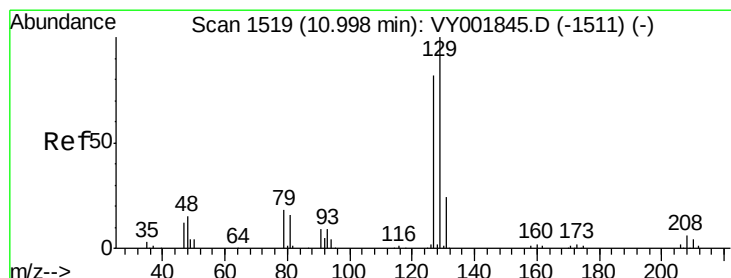
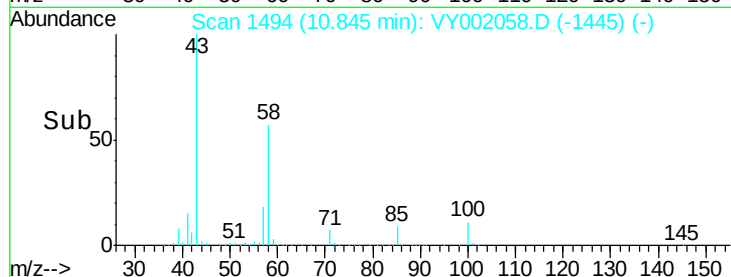
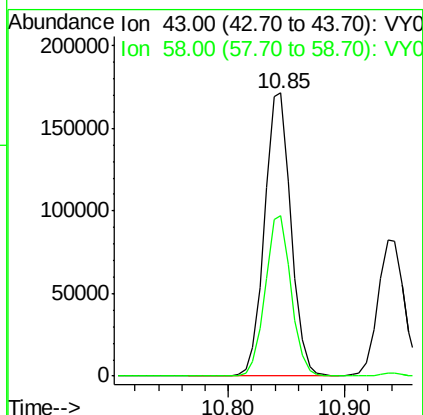
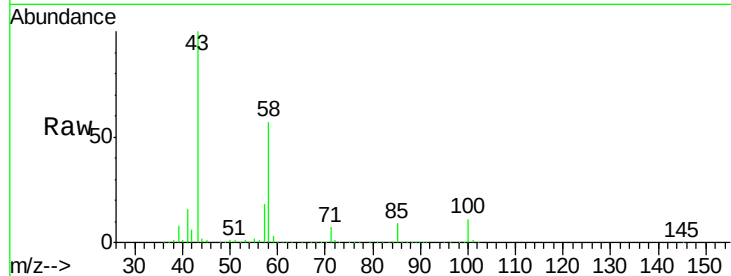




#59
2-Hexanone
Concen: 269.82 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

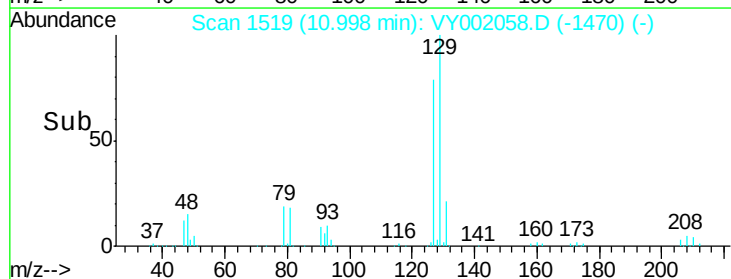
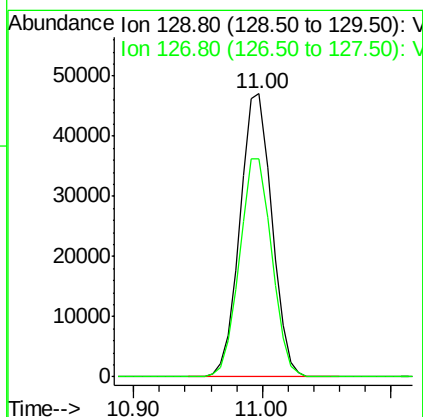
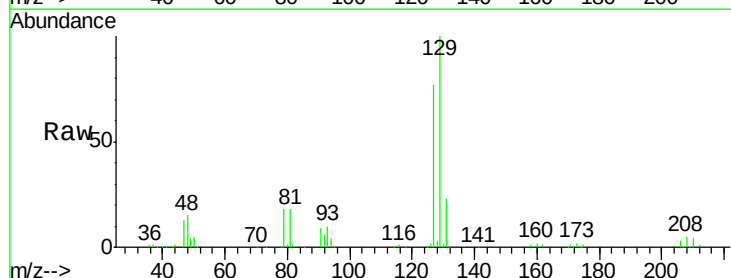
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

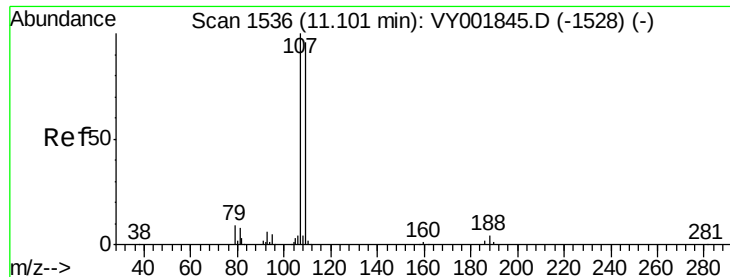
Tgt Ion: 43 Resp: 270701
Ion Ratio Lower Upper
43 100
58 55.8 28.1 84.3



#60
Dibromochloromethane
Concen: 54.92 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 129 Resp: 80653
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

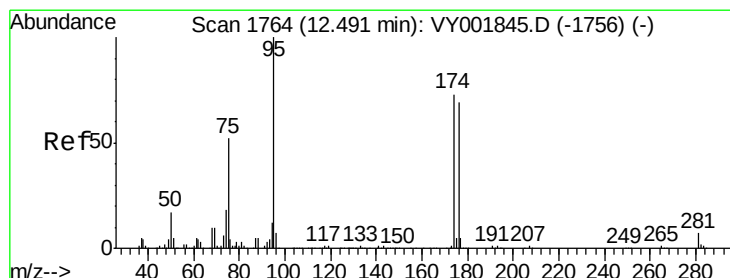
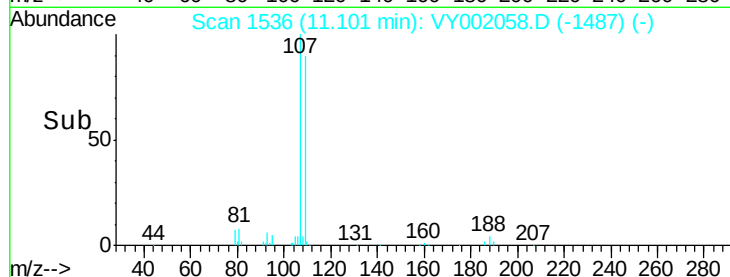
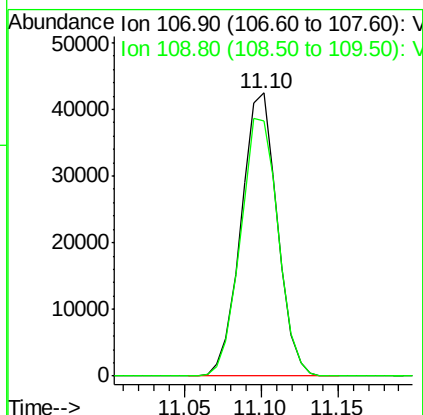
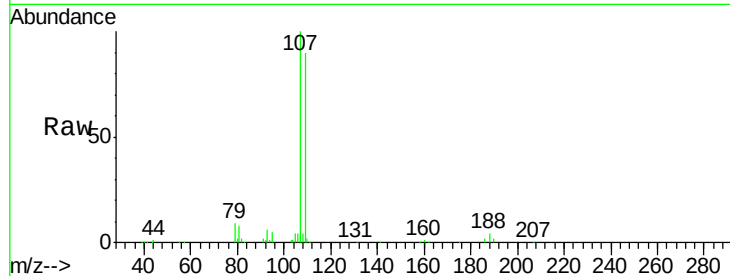




#61
 1,2-Dibromoethane
 Concen: 52.81 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

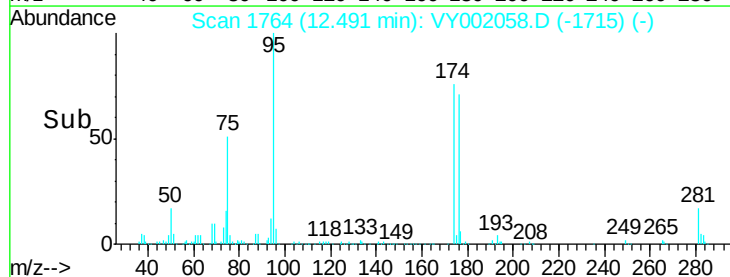
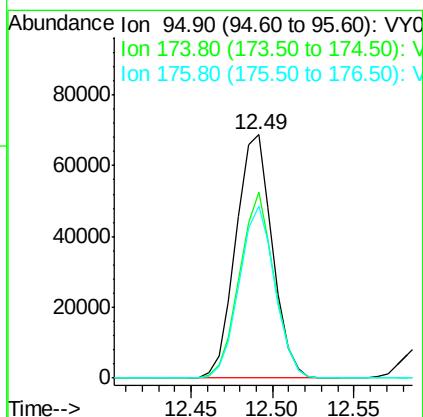
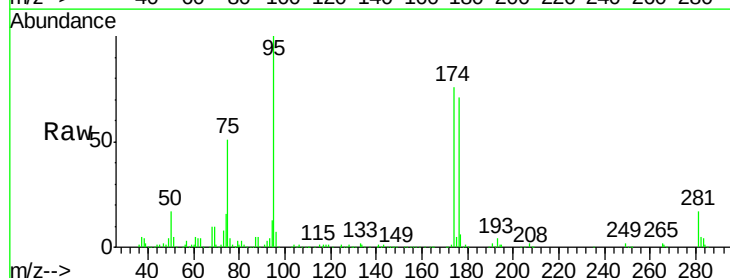
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

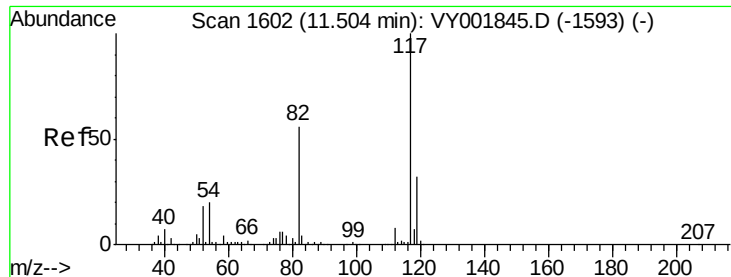
Tgt Ion: 107 Resp: 69711
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.19 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 95 Resp: 107683
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 145.0
 176 68.7 0.0 137.4

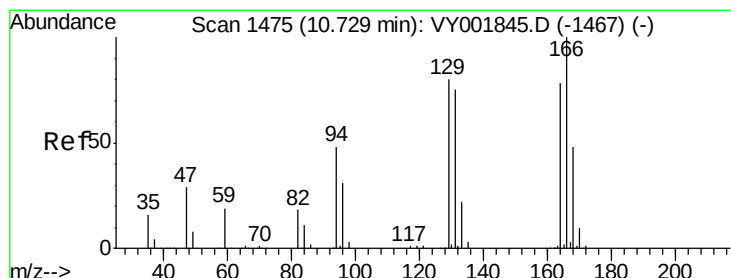
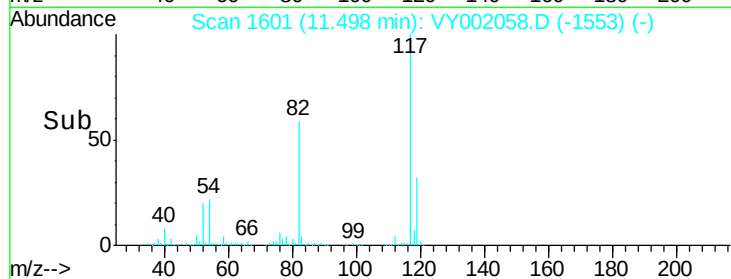
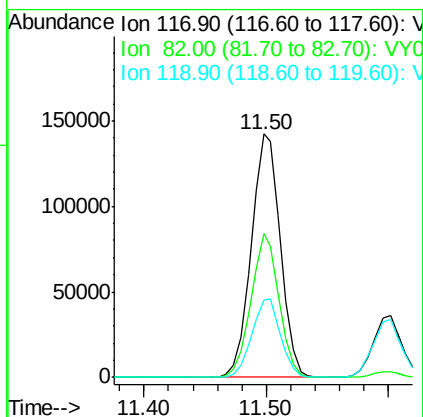
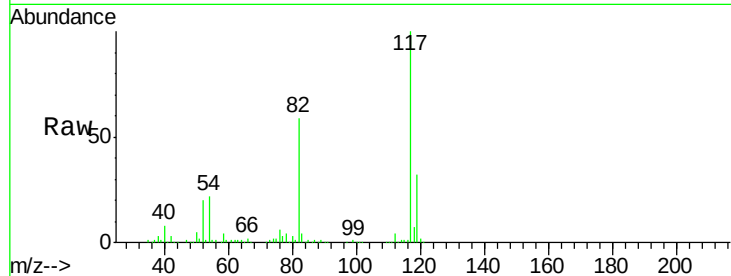




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

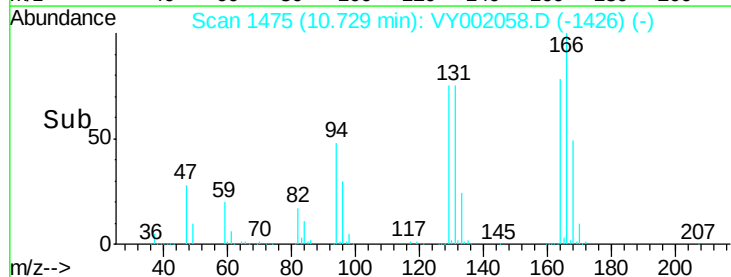
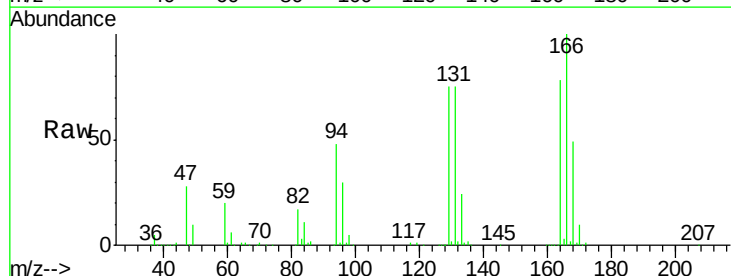
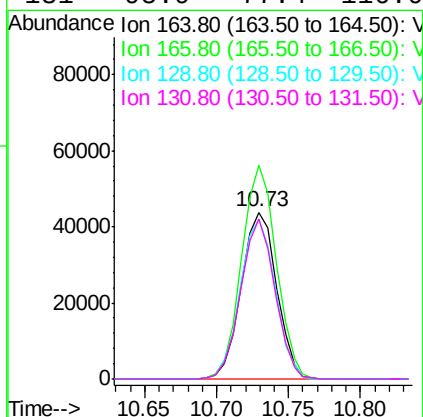
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

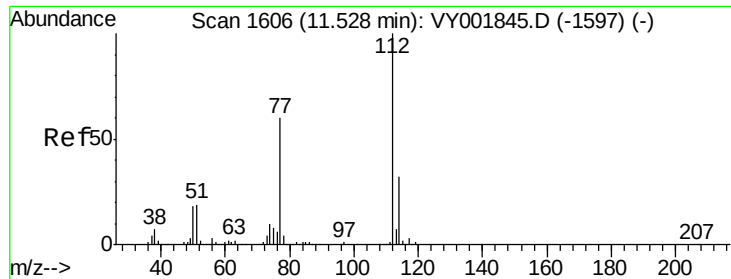
Tgt Ion:117 Resp: 234477
Ion Ratio Lower Upper
117 100
82 58.9 44.5 66.7
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 50.69 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion:164 Resp: 74538
Ion Ratio Lower Upper
164 100
166 128.3 102.6 154.0
129 95.9 82.3 123.5
131 95.9 77.4 116.0

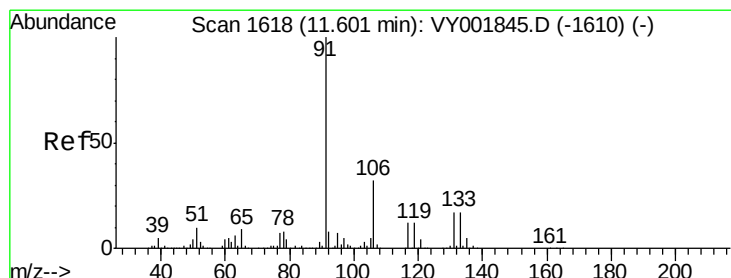
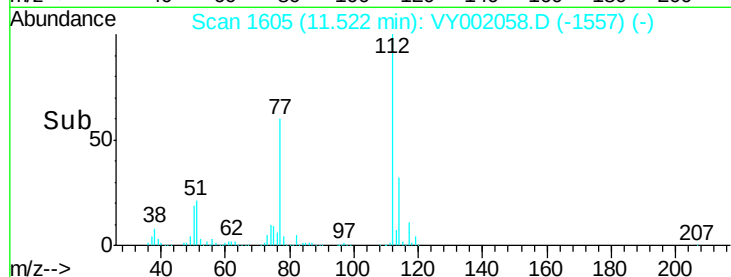
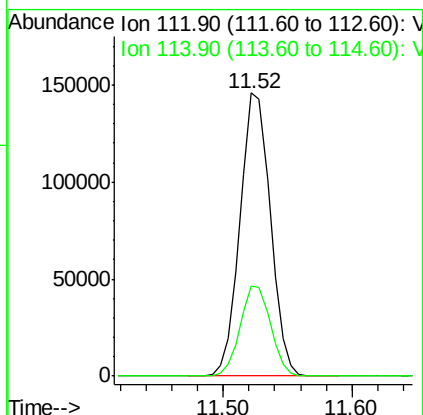
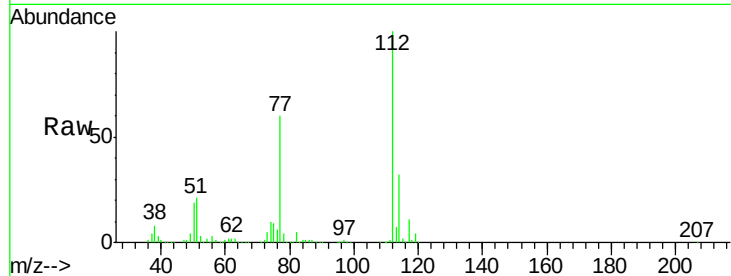




#65
Chlorobenzene
Concen: 50.94 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

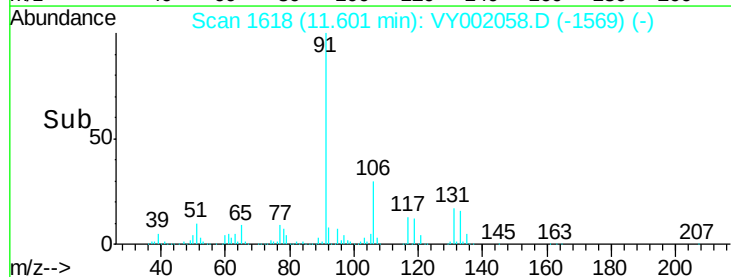
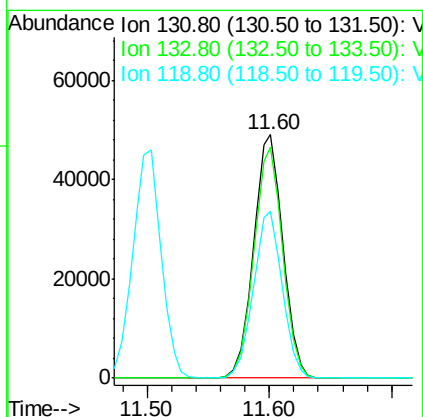
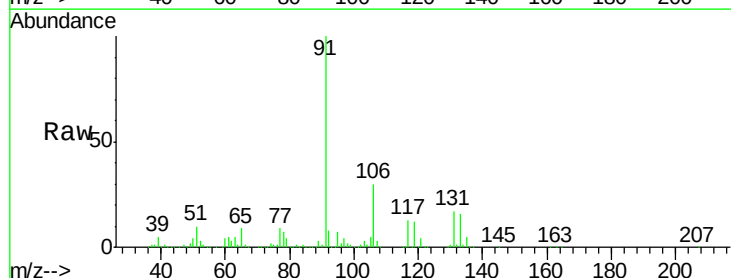
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

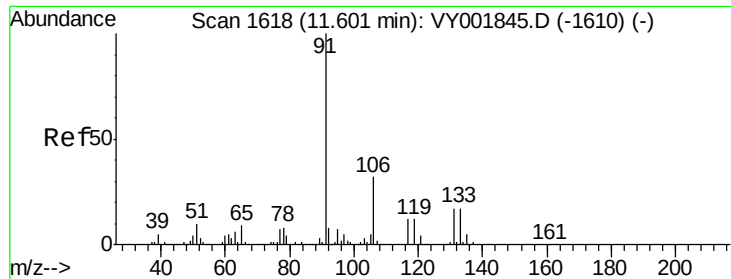
Tgt Ion:112 Resp: 237977
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.37 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion:131 Resp: 81762
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.3
119 67.6 34.5 103.6

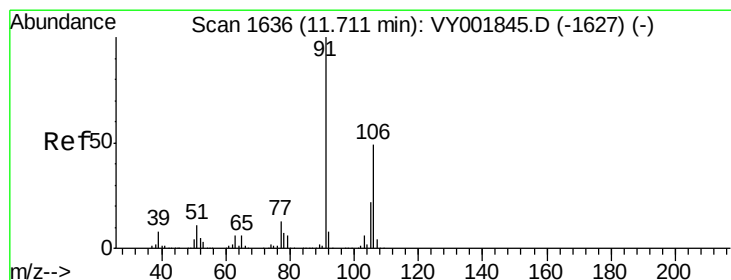
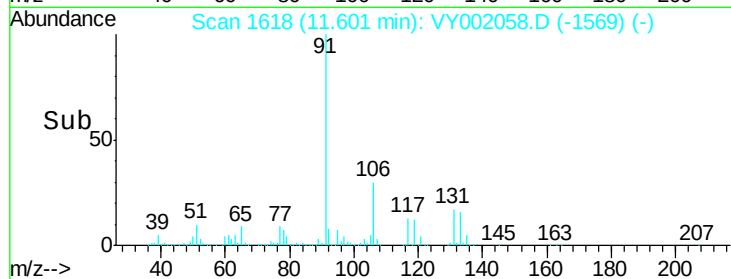
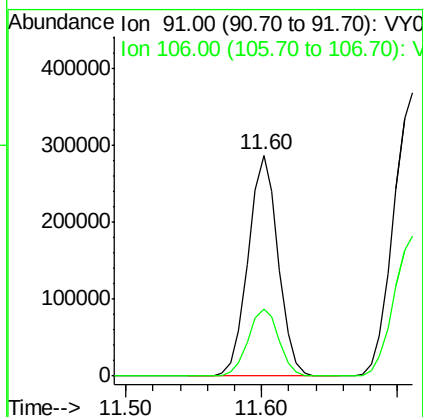
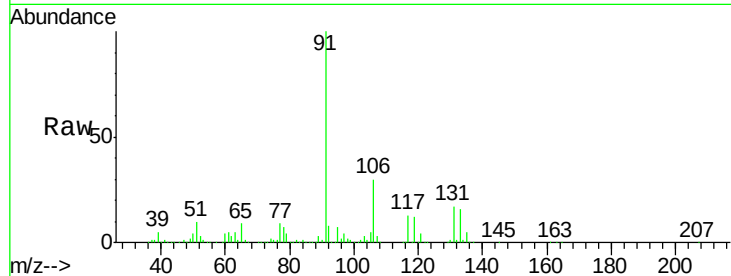




#67
Ethyl Benzene
Concen: 50.62 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

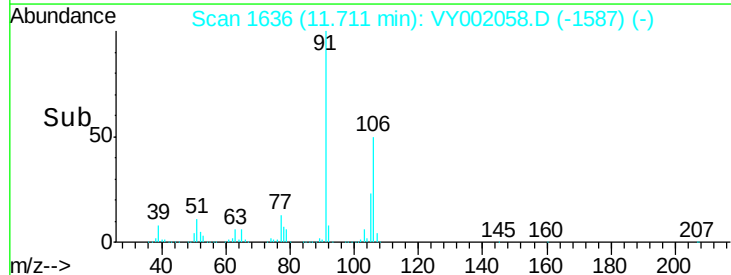
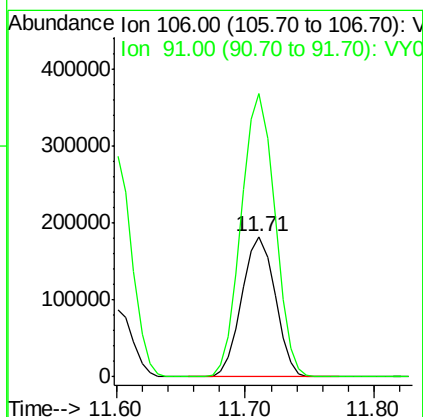
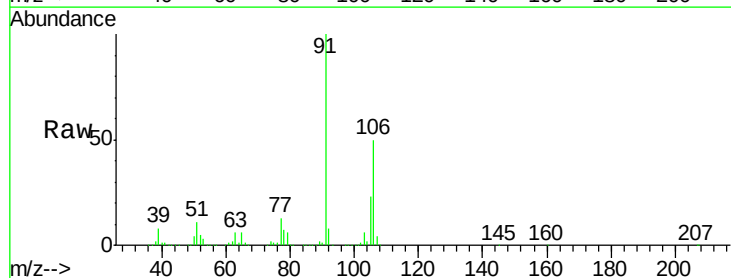
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

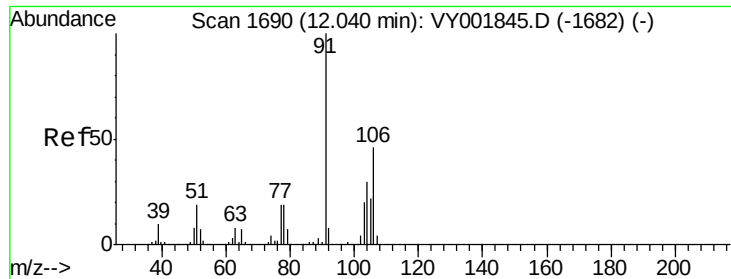
Tgt Ion: 91 Resp: 441092
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.2



#68
m/p-Xylenes
Concen: 101.34 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 106 Resp: 326463
Ion Ratio Lower Upper
106 100
91 203.4 161.3 241.9

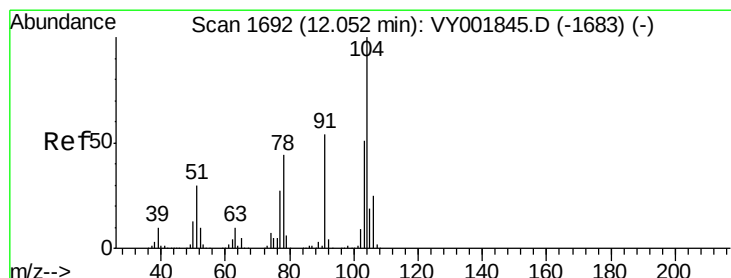
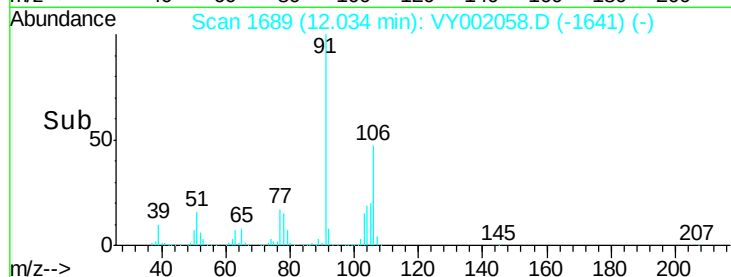
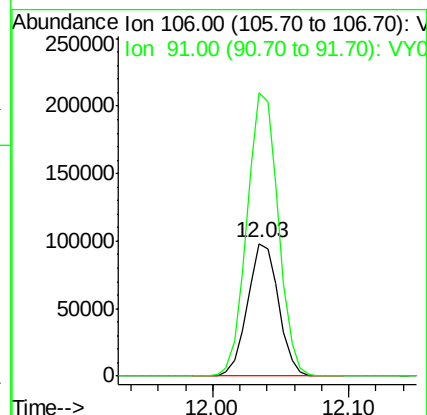
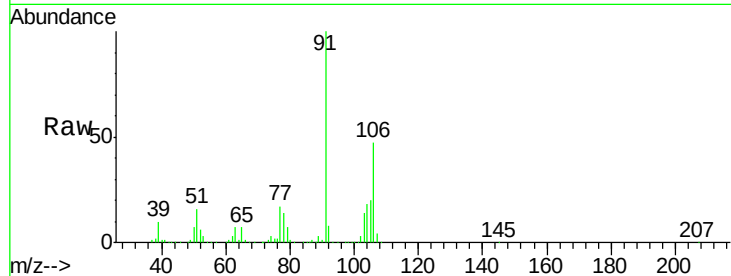




#69
o-Xylene
Concen: 51.50 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

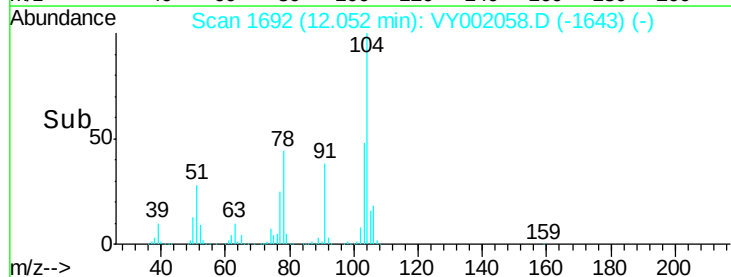
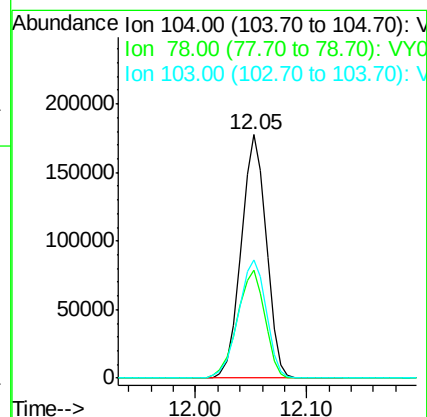
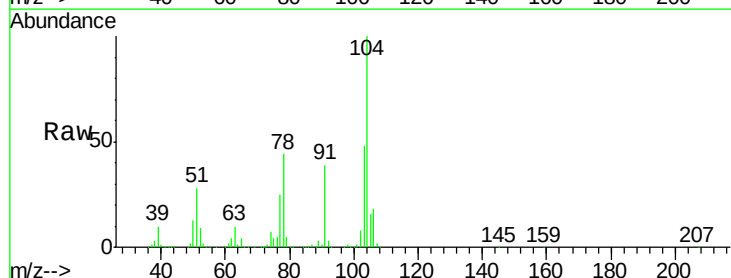
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

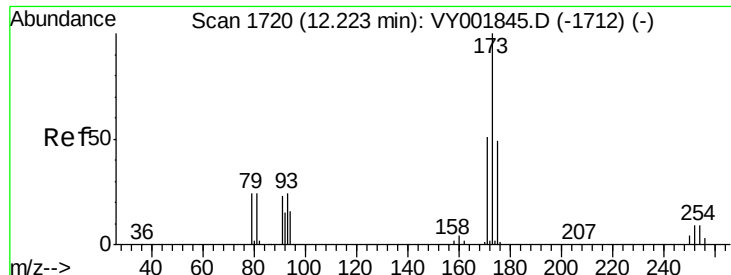
Tgt Ion:106 Resp: 156353
Ion Ratio Lower Upper
106 100
91 215.9 106.8 320.4



#70
Styrene
Concen: 53.17 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion:104 Resp: 276507
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 53.8 42.9 64.3





#71

Bromoform

Concen: 56.14 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

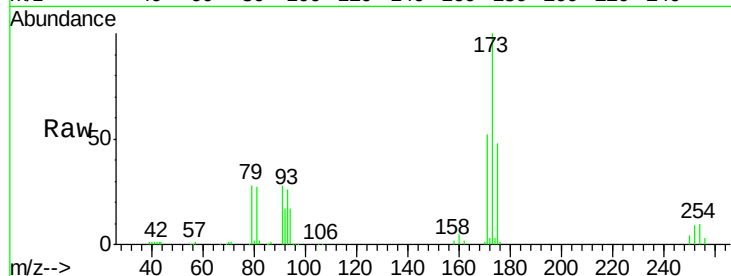
Tgt Ion:173 Resp: 46644

Ion Ratio Lower Upper

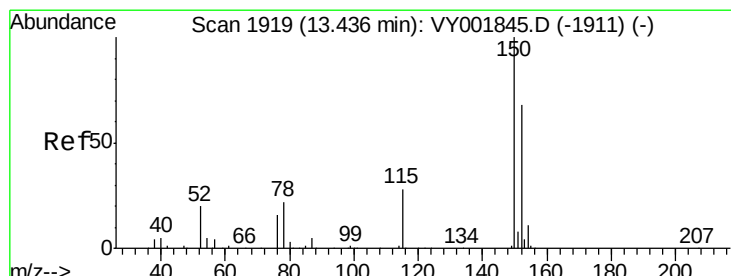
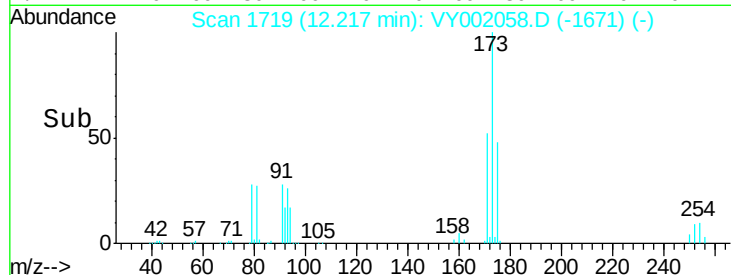
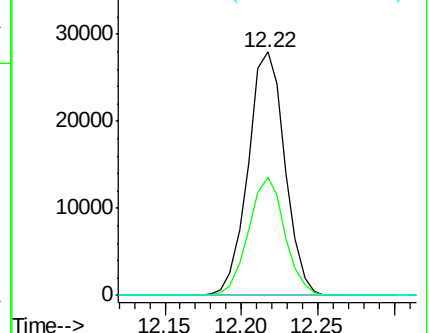
173 100

175 47.7 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

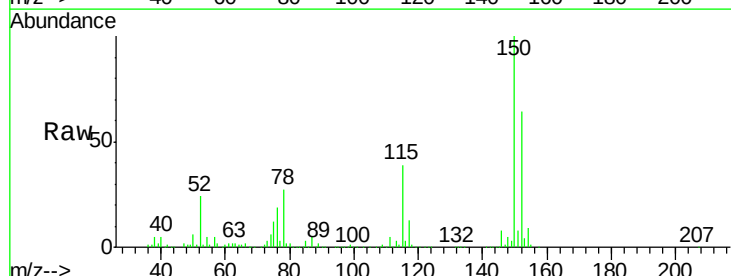
Tgt Ion:152 Resp: 111027

Ion Ratio Lower Upper

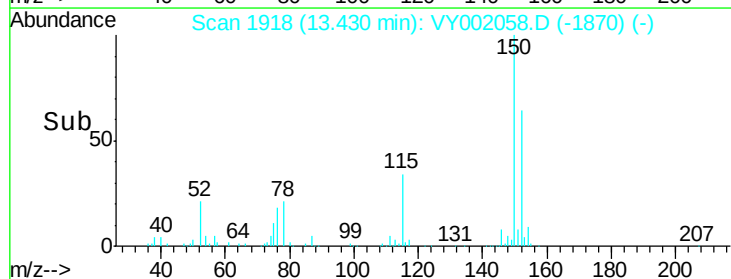
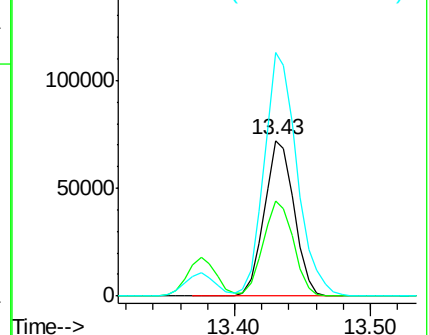
152 100

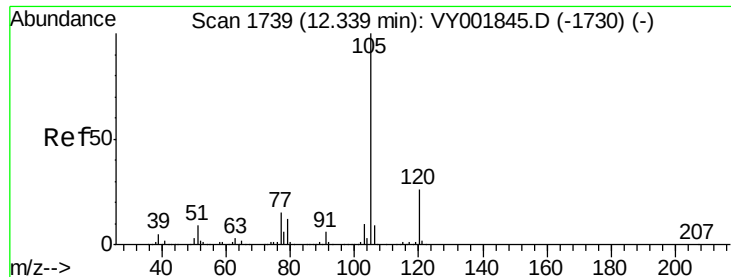
115 61.8 29.9 89.7

150 171.6 0.0 340.6



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: 49.91 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

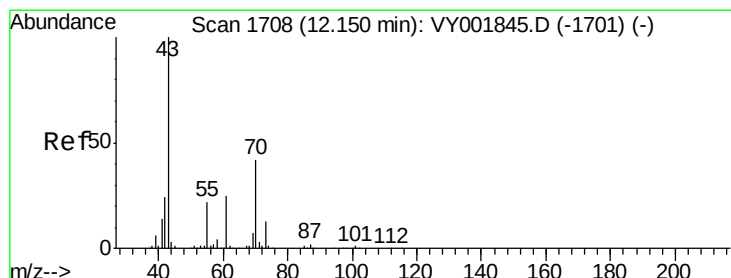
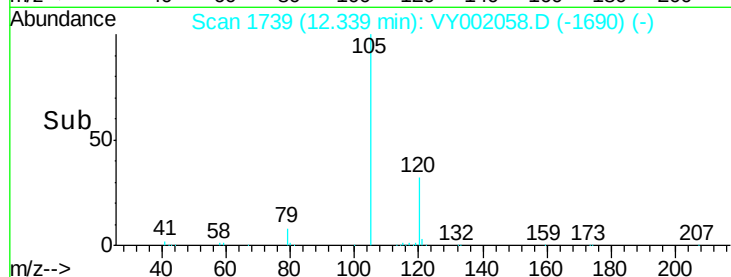
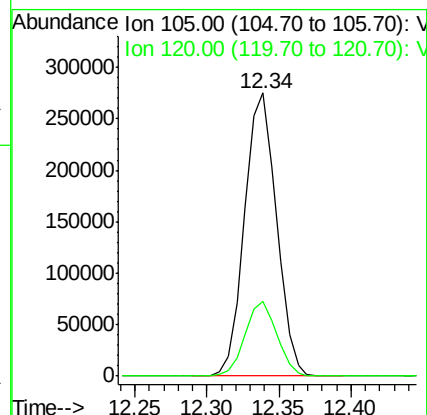
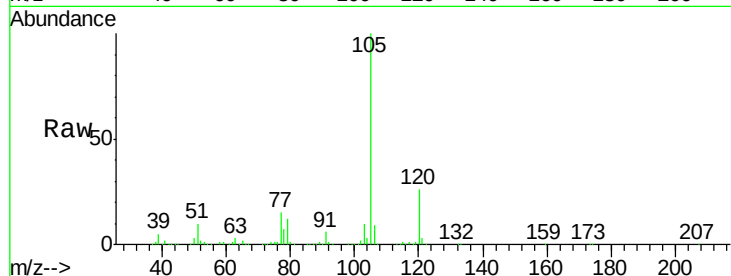
VSTDCCC050EC

Tgt Ion:105 Resp: 422974

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 53.24 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion: 43 Resp: 138677

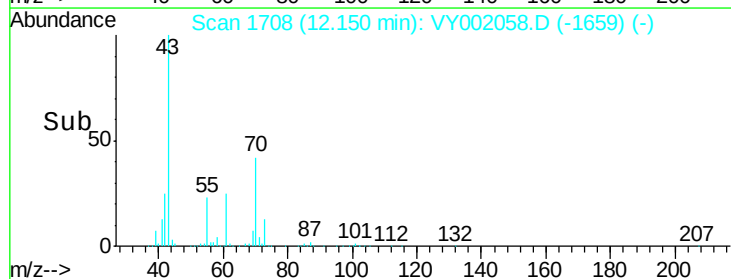
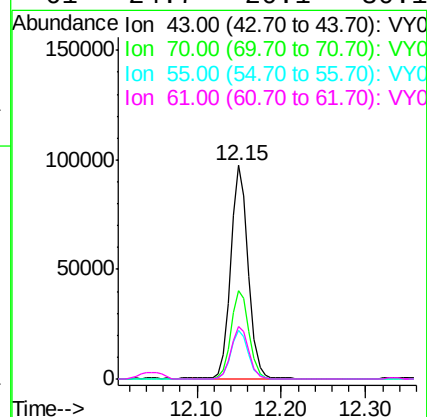
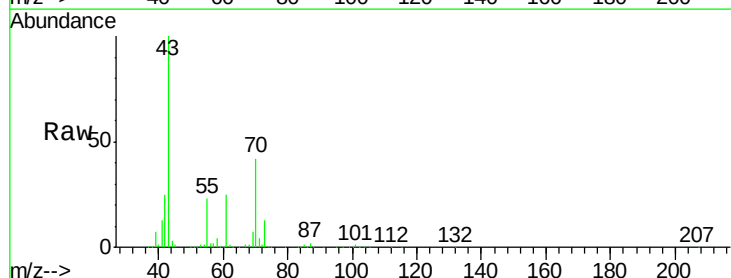
Ion Ratio Lower Upper

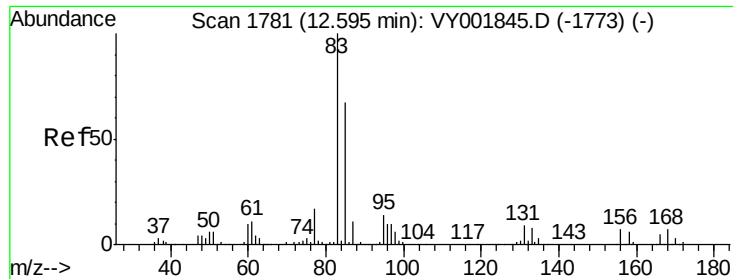
43 100

70 42.6 34.7 52.1

55 22.7 18.2 27.4

61 24.7 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.09 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

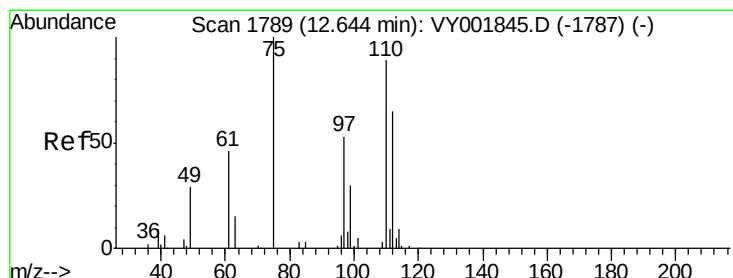
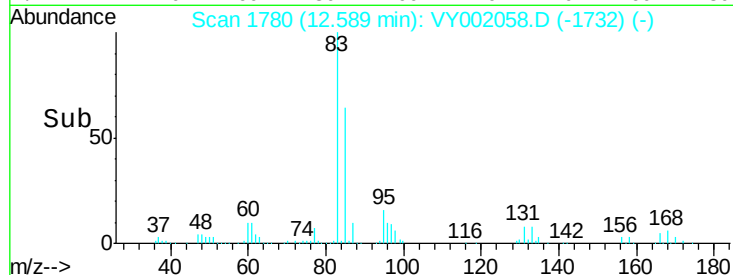
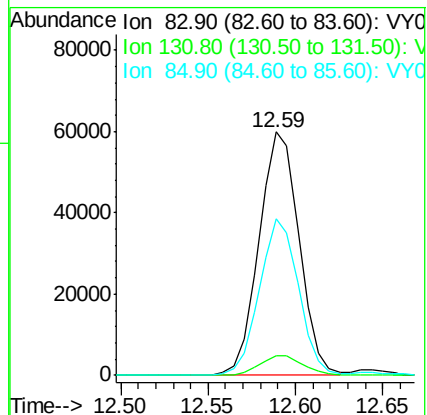
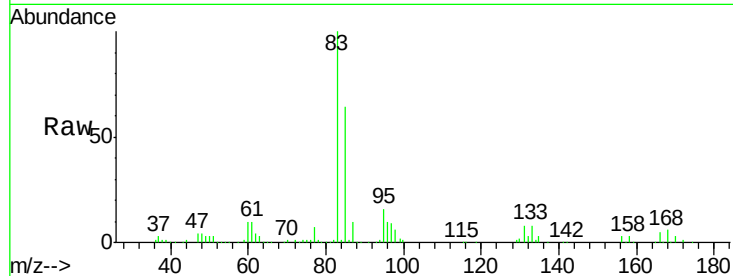
Tgt Ion: 83 Resp: 95200

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

85 63.2 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 92.26 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002058.D

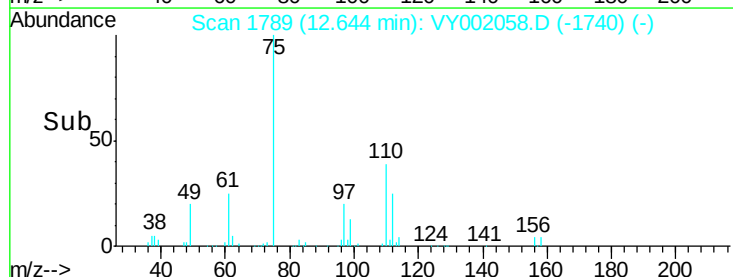
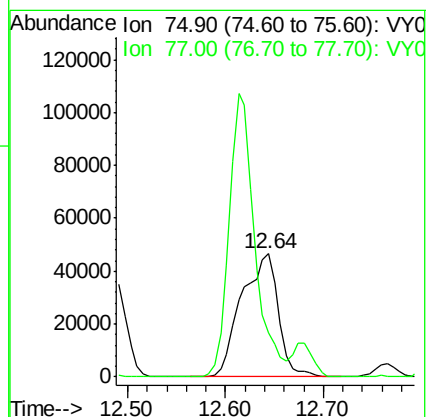
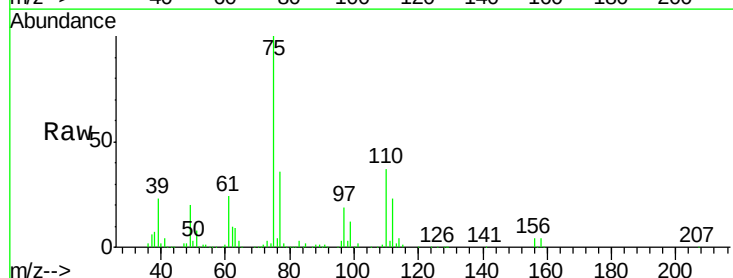
Acq: 24 Mar 2020 18:02

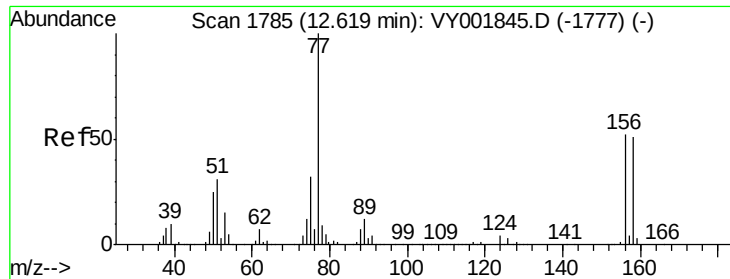
Tgt Ion: 75 Resp: 121539

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.31 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

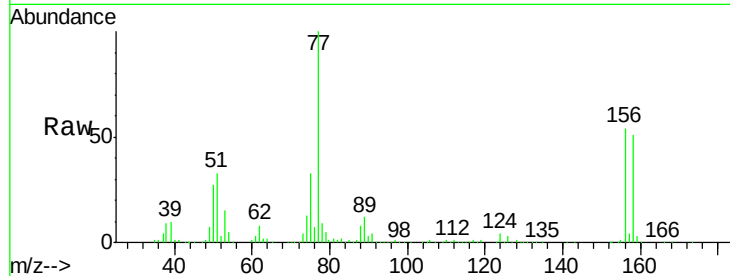
Tgt Ion:156 Resp: 90339

Ion Ratio Lower Upper

156 100

77 215.6 109.0 327.0

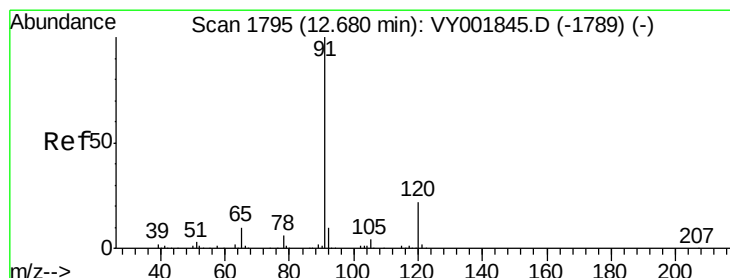
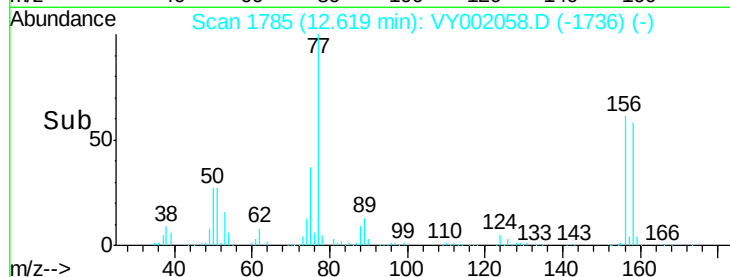
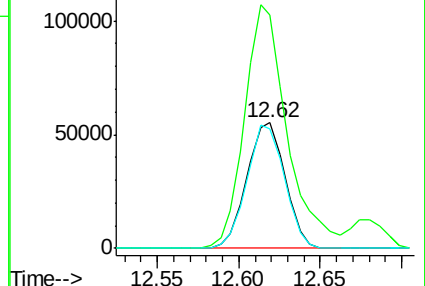
158 97.1 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.70 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002058.D

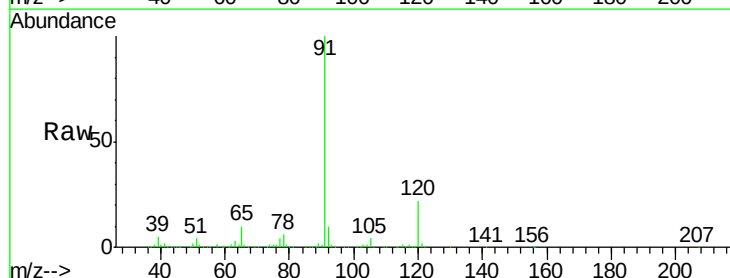
Acq: 24 Mar 2020 18:02

Tgt Ion: 91 Resp: 519658

Ion Ratio Lower Upper

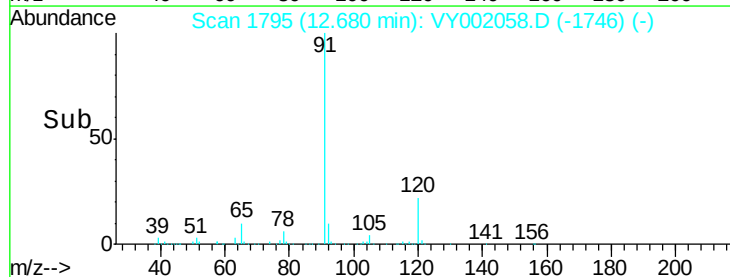
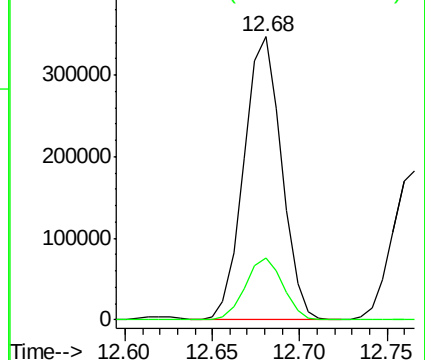
91 100

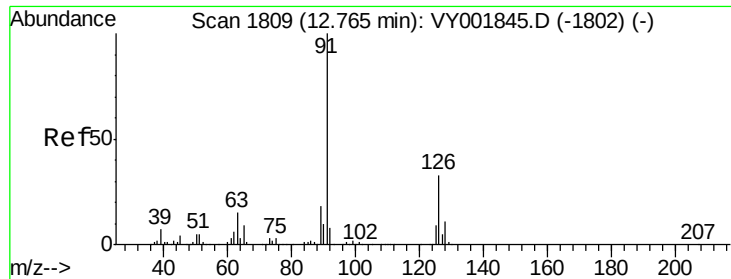
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

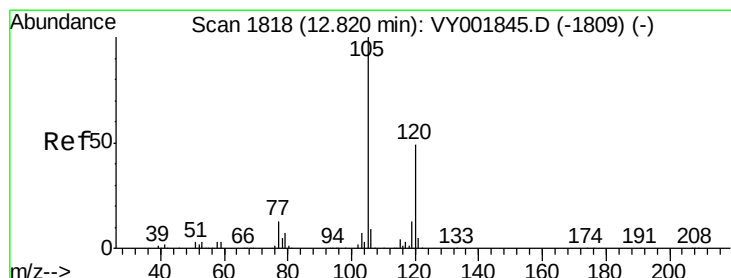
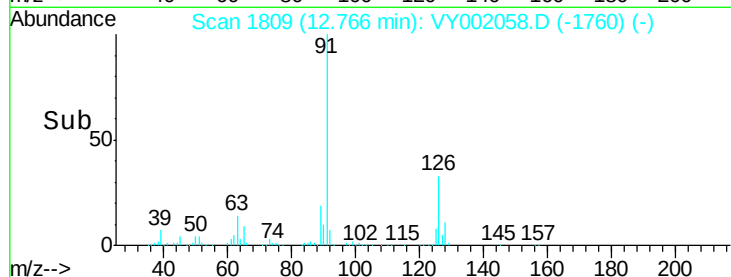
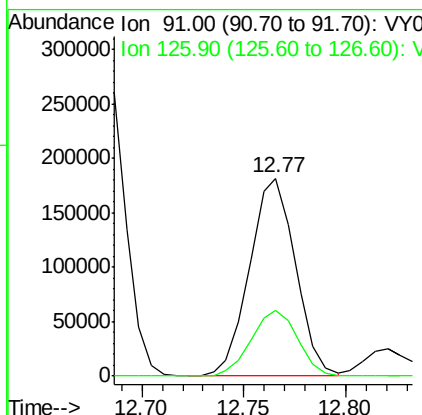
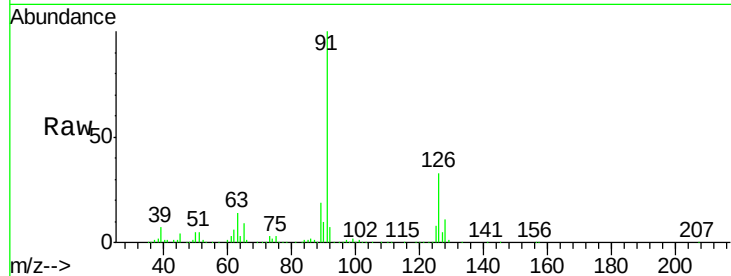




#79
 2-Chlorotoluene
 Concen: 49.42 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

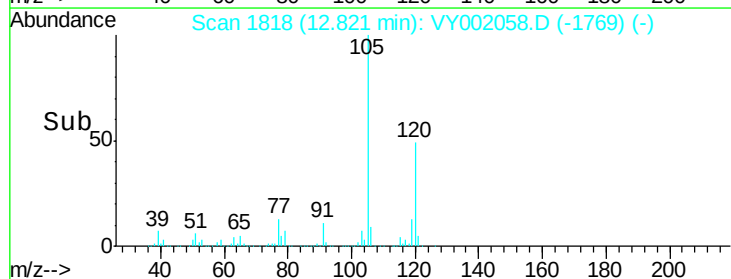
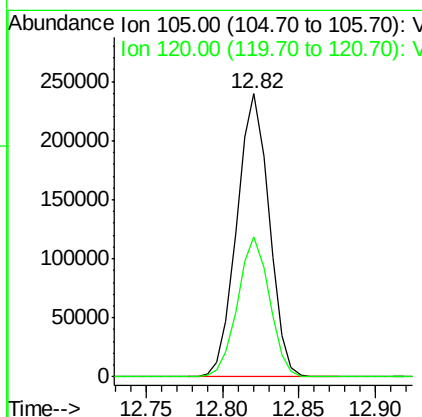
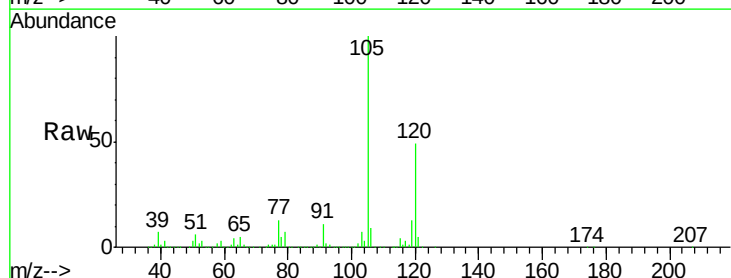
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

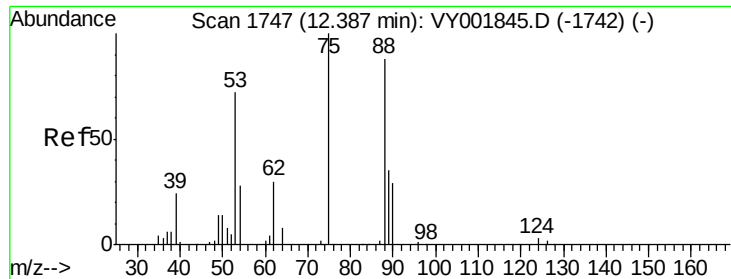
Tgt Ion: 91 Resp: 285489
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.28 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 105 Resp: 350833
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.39 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

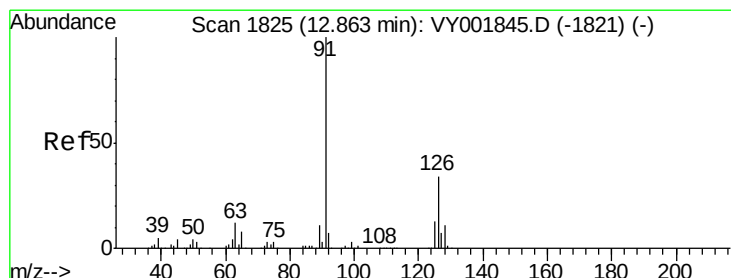
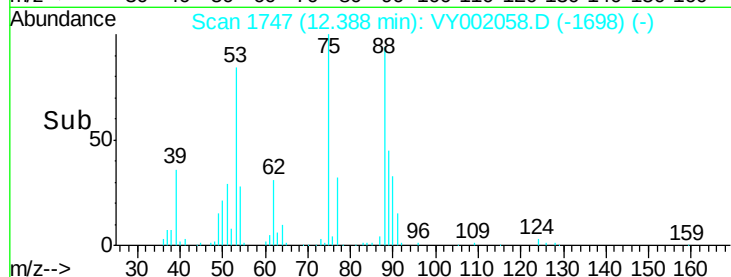
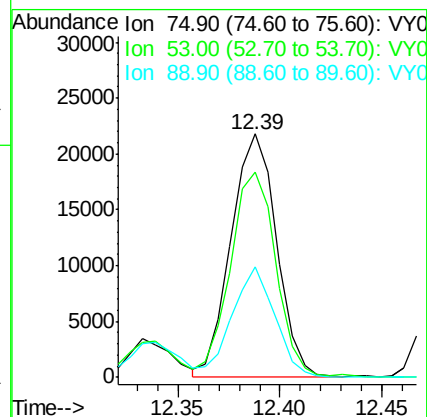
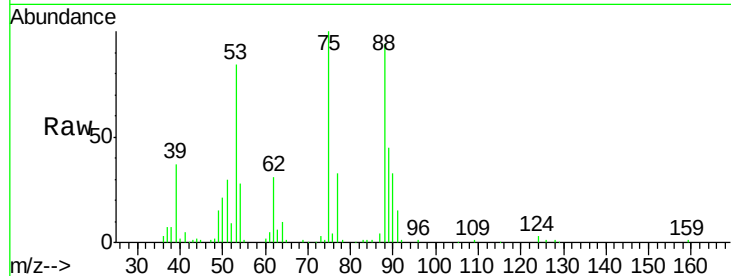
Tgt Ion: 75 Resp: 33517

Ion Ratio Lower Upper

75 100

53 85.6 65.4 98.0

89 43.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.31 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002058.D

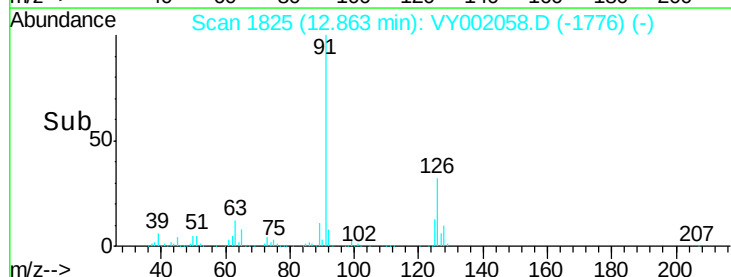
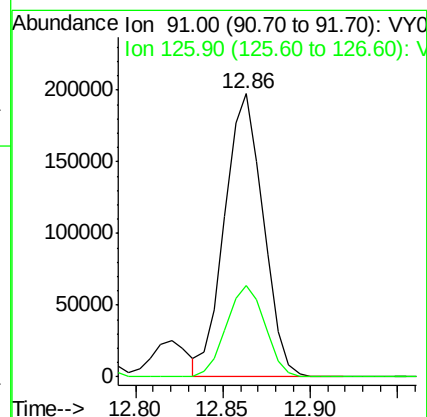
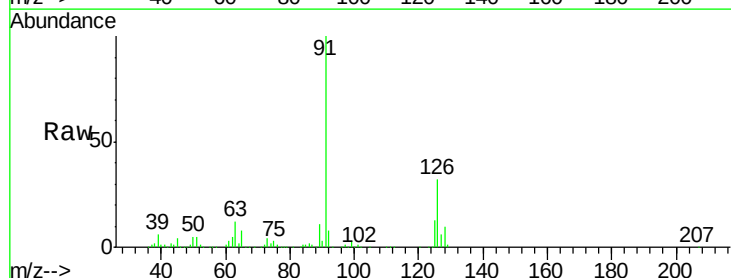
Acq: 24 Mar 2020 18:02

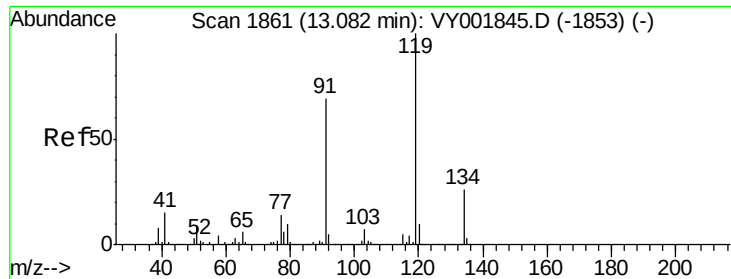
Tgt Ion: 91 Resp: 302590

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.2

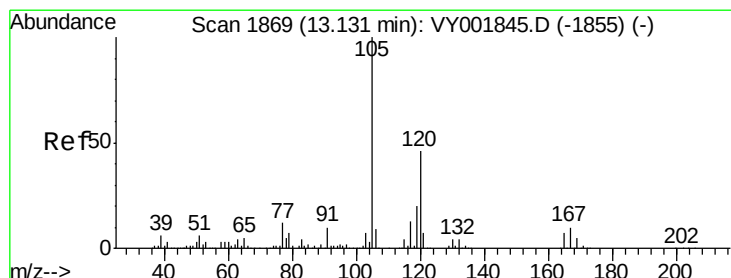
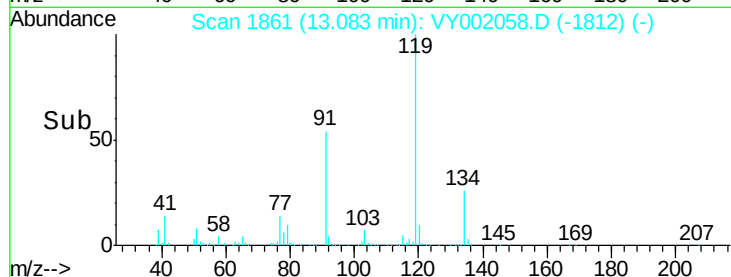
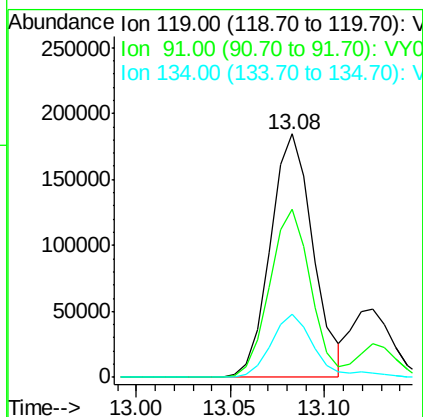
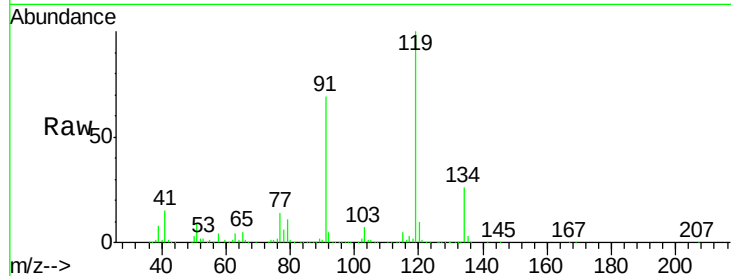




#83
 tert-Butylbenzene
 Concen: 50.12 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

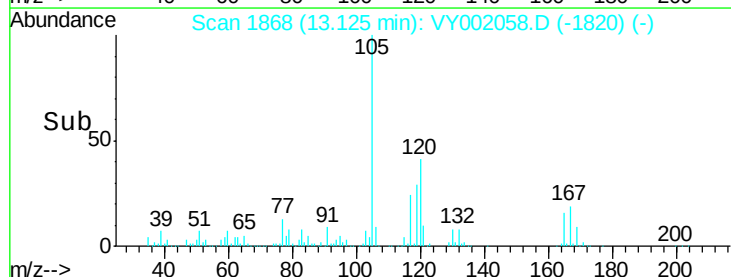
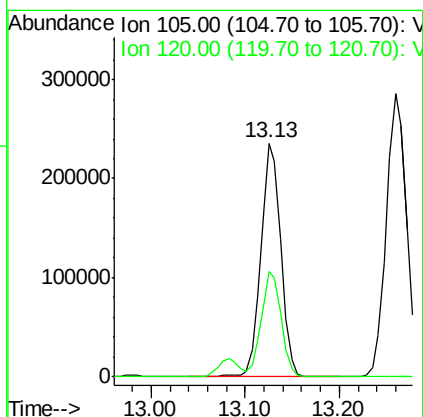
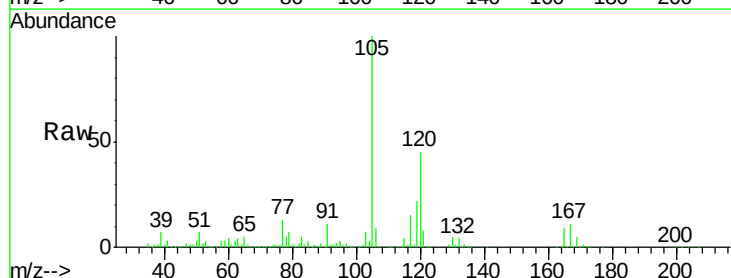
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

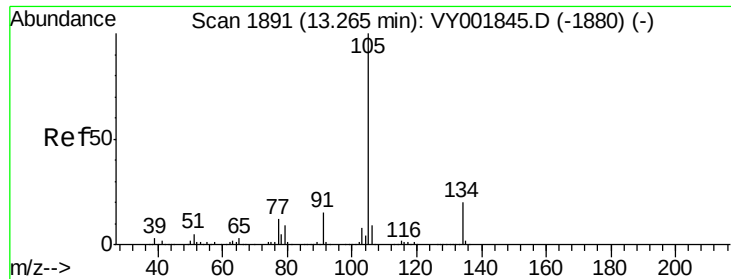
Tgt Ion:119 Resp: 290451
 Ion Ratio Lower Upper
 119 100
 91 66.3 34.0 101.8
 134 26.4 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.94 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion:105 Resp: 352747
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 49.75 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

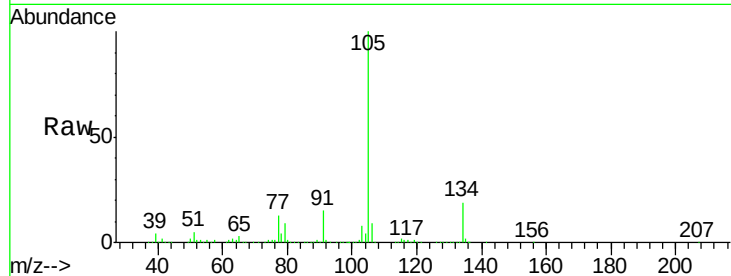
VSTDCCC050EC

Tgt Ion:105 Resp: 424940

Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

300000

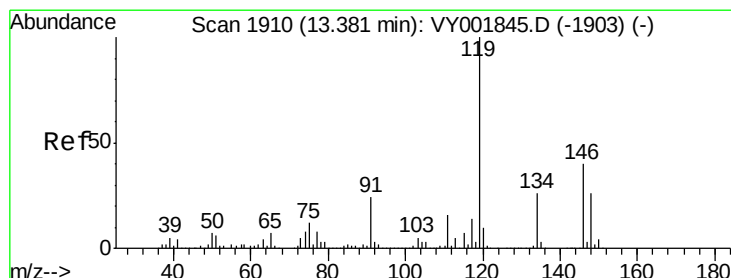
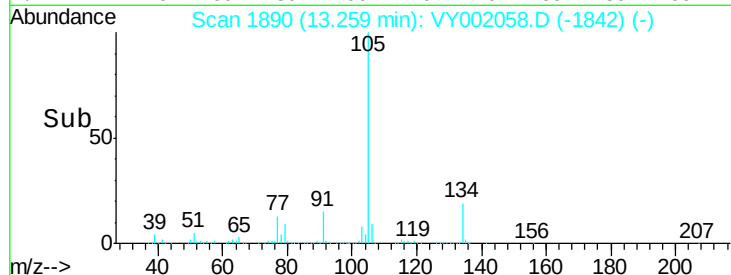
200000

100000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 49.67 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

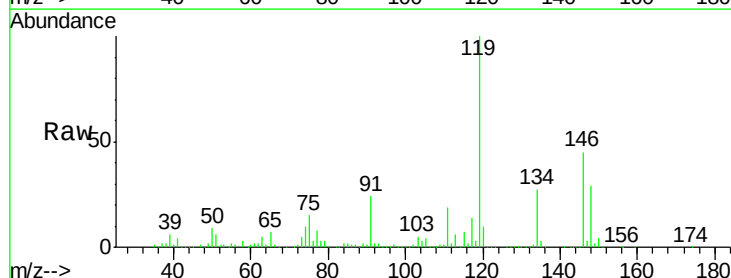
Tgt Ion:119 Resp: 366008

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

300000

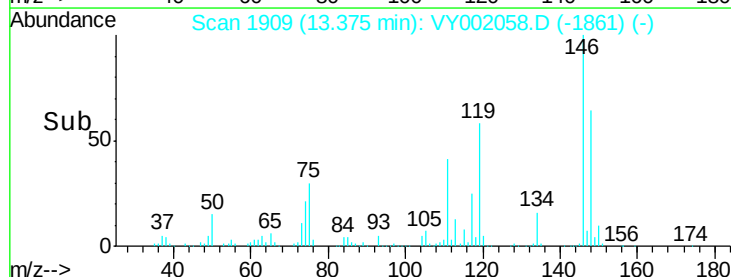
200000

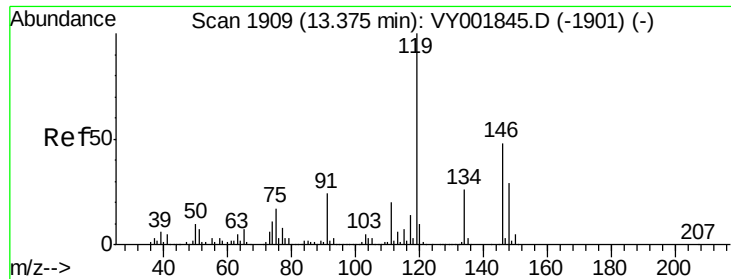
100000

0

Time-->

13.30 13.35 13.40 13.45

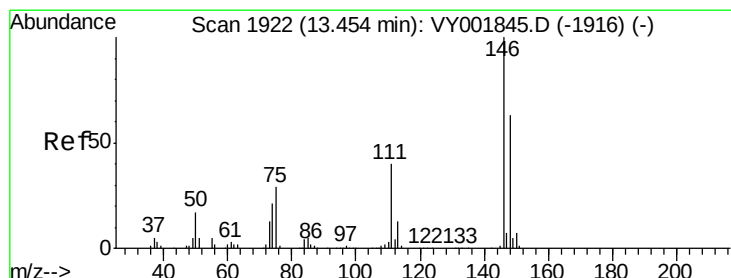
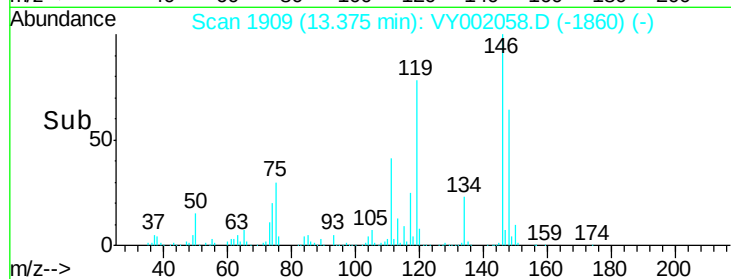
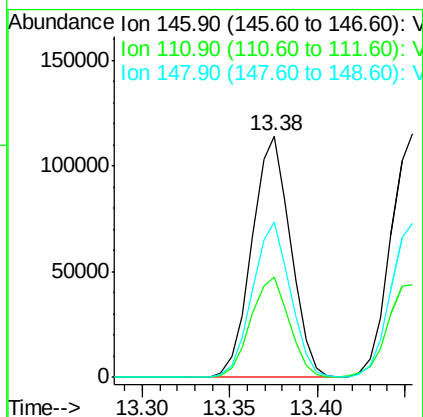
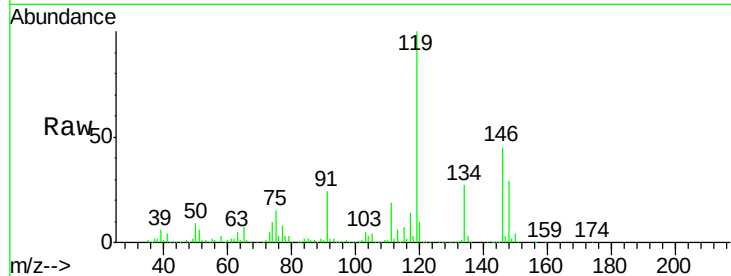




#87
 1,3-Dichlorobenzene
 Concen: 49.69 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

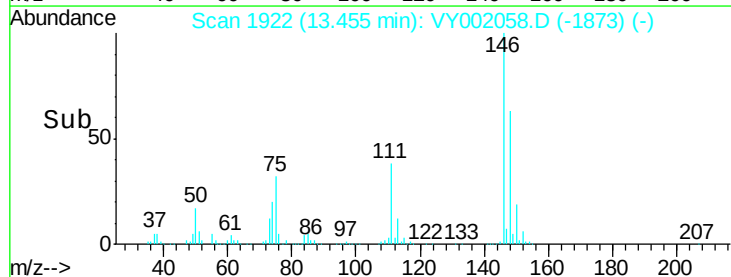
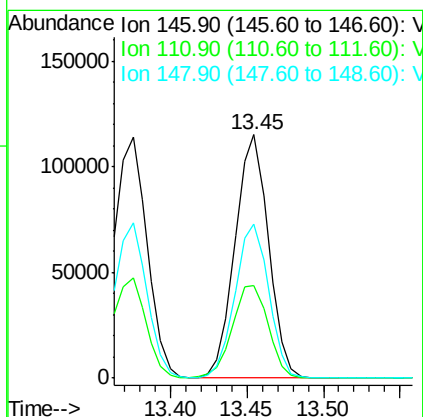
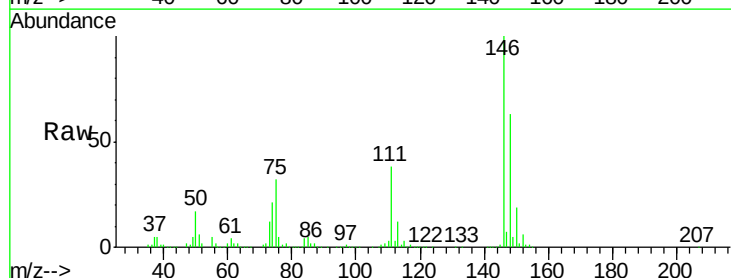
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

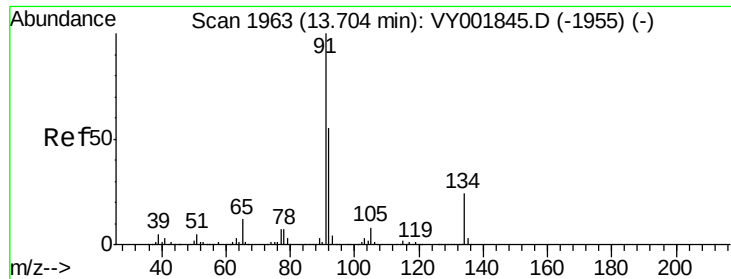
Tgt Ion:146 Resp: 174843
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 63.4 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 49.10 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion:146 Resp: 175284
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 63.6 31.5 94.5

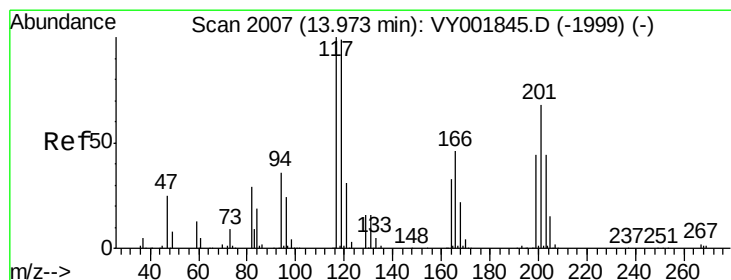
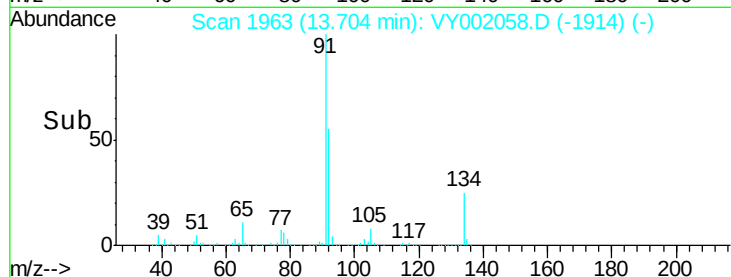
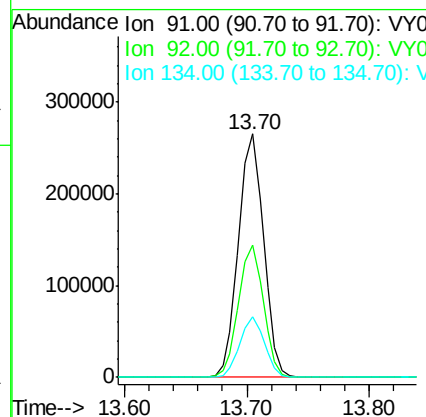
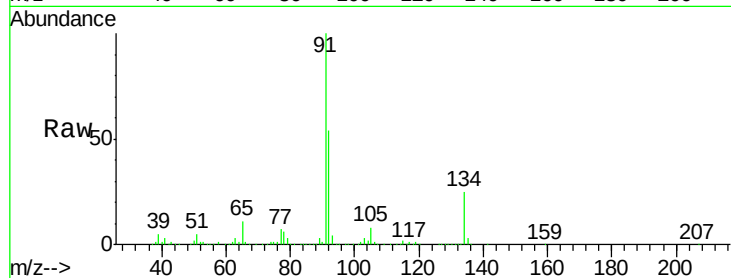




#89
n-Butylbenzene
Concen: 49.32 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

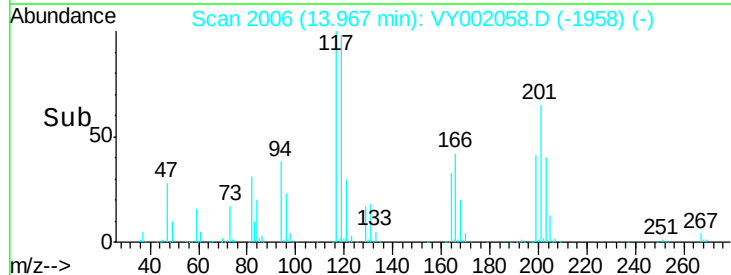
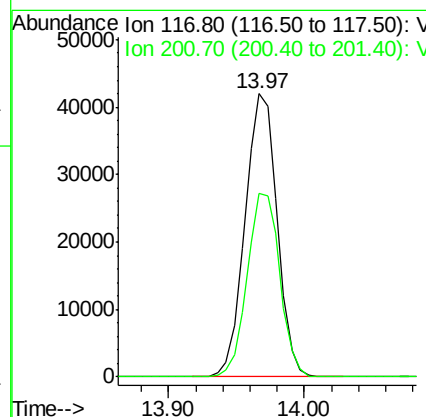
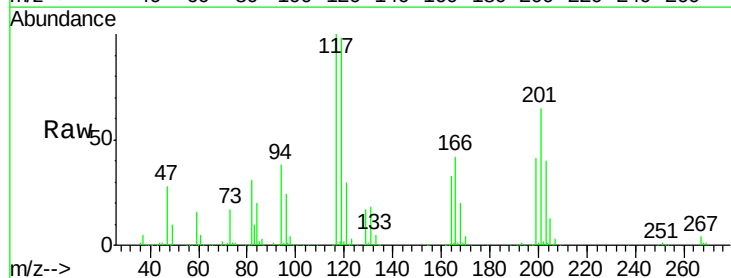
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

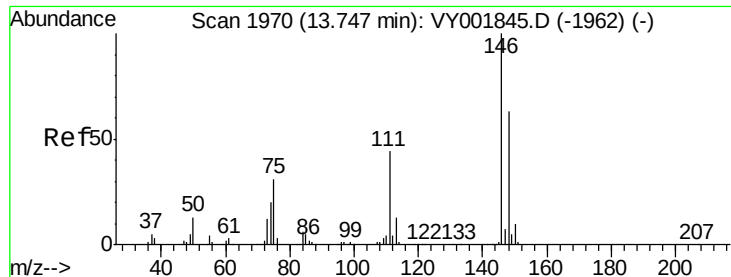
Tgt Ion: 91 Resp: 377027
Ion Ratio Lower Upper
91 100
92 53.8 27.5 82.4
134 24.5 12.5 37.5



#90
Hexachloroethane
Concen: 49.87 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 117 Resp: 69323
Ion Ratio Lower Upper
117 100
201 65.9 32.5 97.5

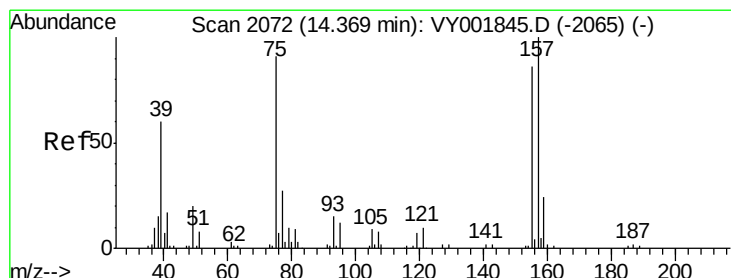
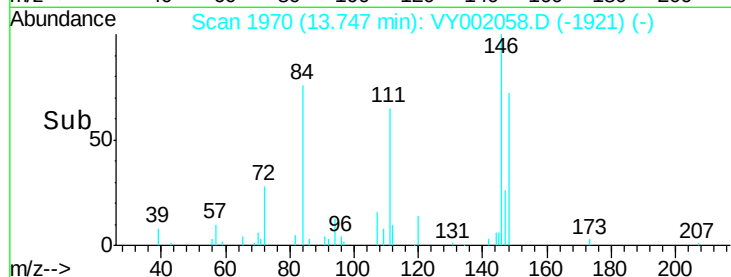
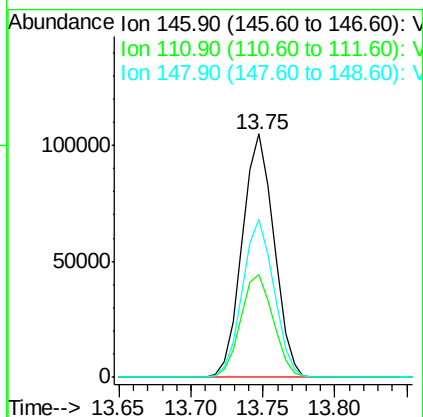
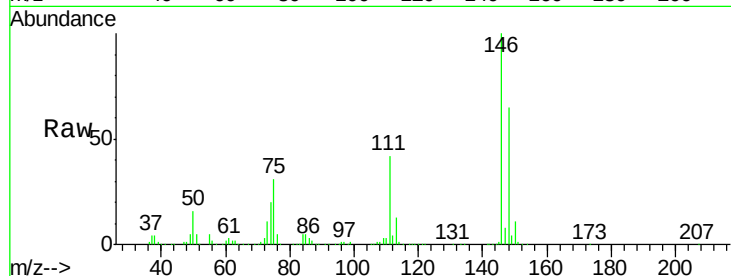




#91
 1,2-Dichlorobenzene
 Concen: 50.42 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

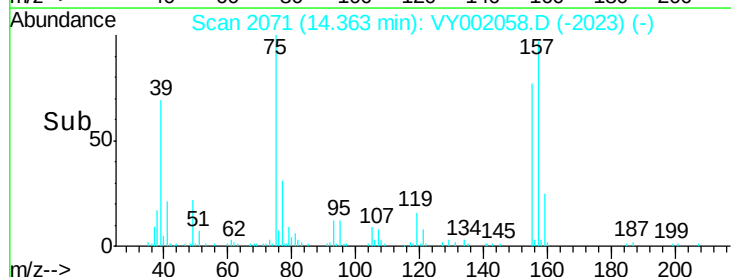
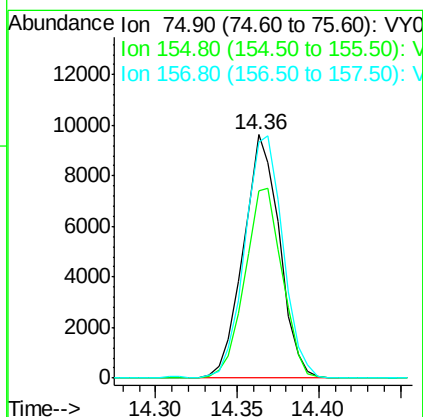
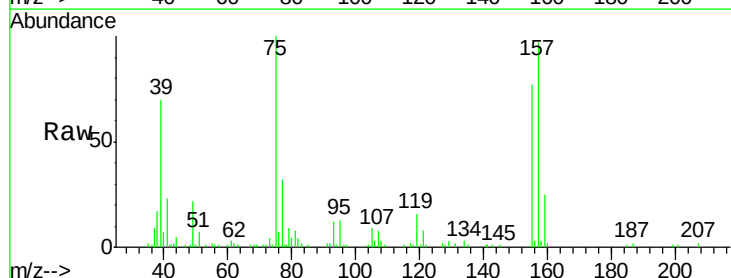
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

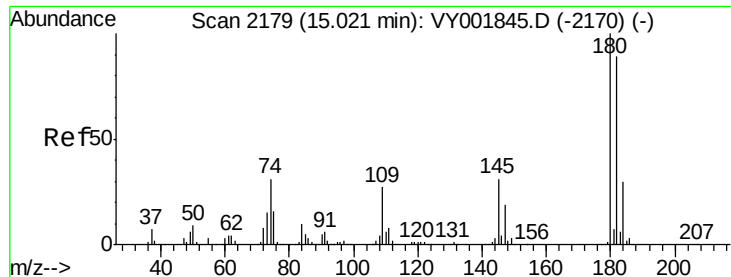
Tgt Ion: 146 Resp: 161193
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.5 64.5
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.10 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 75 Resp: 14858
 Ion Ratio Lower Upper
 75 100
 155 80.5 42.9 128.7
 157 104.3 53.1 159.4

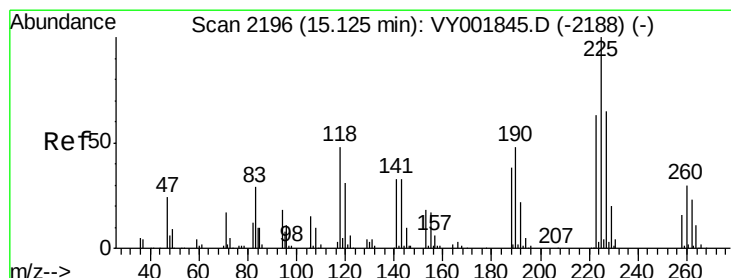
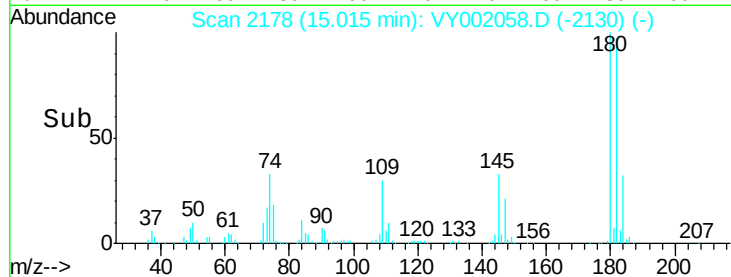
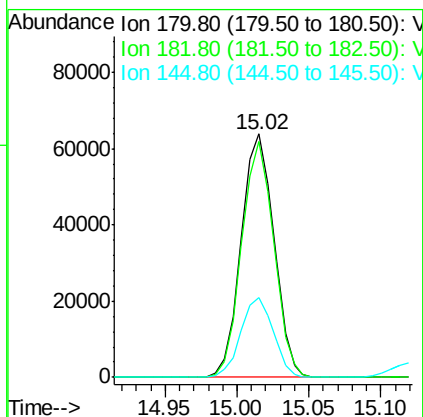
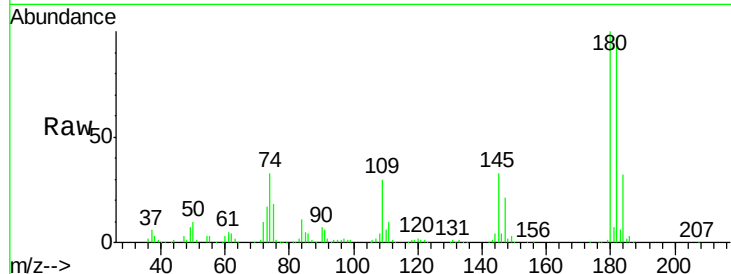




#93
 1,2,4-Trichlorobenzene
 Concen: 48.60 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

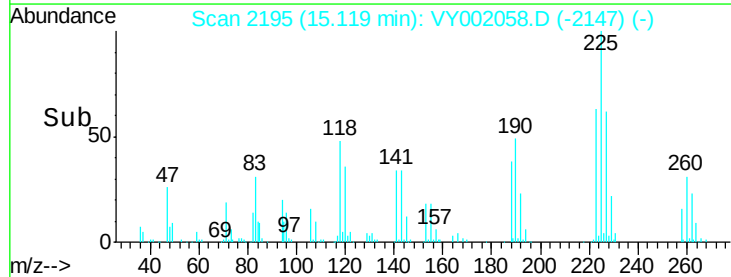
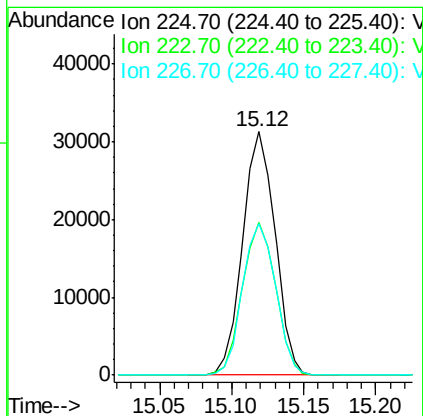
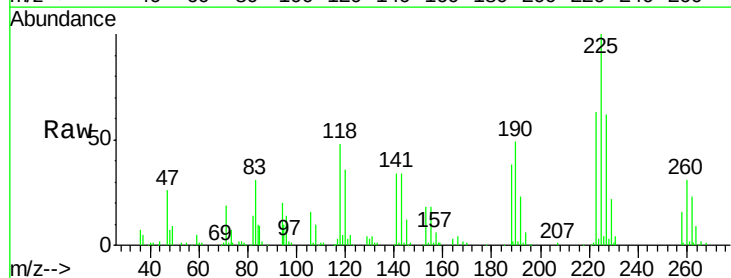
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

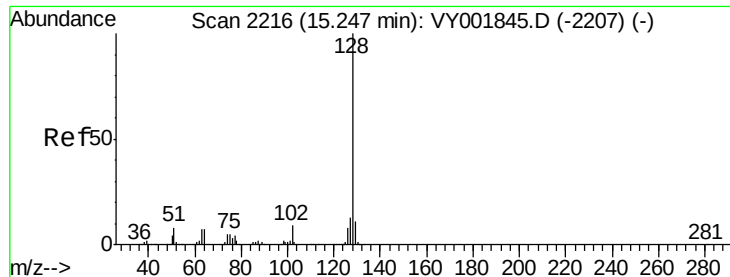
Tgt Ion:180 Resp: 100760
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.1 138.3
 145 32.8 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 48.42 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion:225 Resp: 48936
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.5 94.5
 227 63.6 31.9 95.5

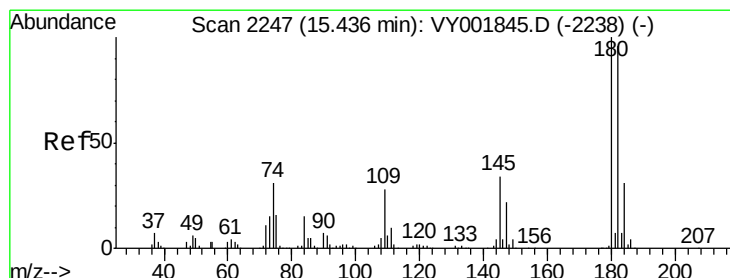
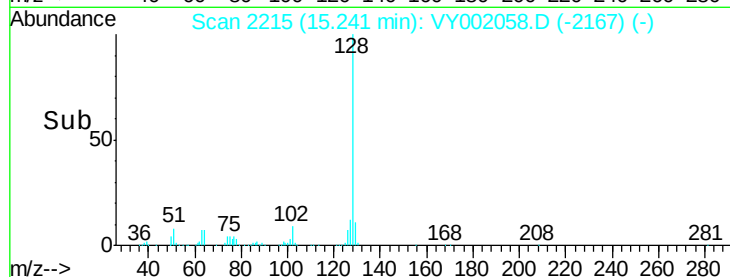
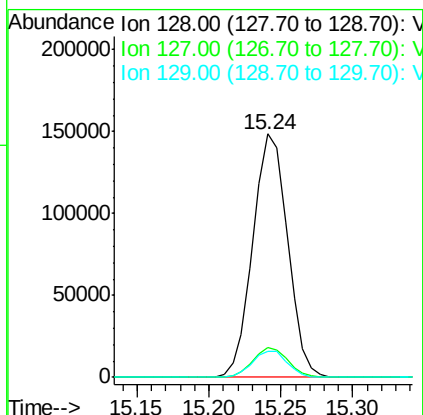
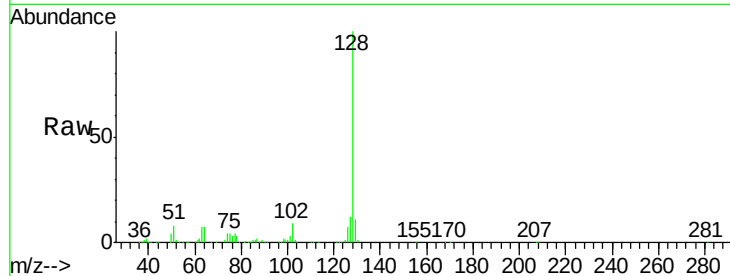




#95
Naphthalene
Concen: 50.48 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 248233
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.41 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion:180 Resp: 90240
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 34.7 16.8 50.3

