

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061020\
 Data File : VY002872.D
 Acq On : 10 Jun 2020 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 02:01:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	292488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	426716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	392003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	214817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	131114	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.72	113	133408	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.18	98	520462	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.48	95	182360	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	89543	44.49	ug/l	96
3) Chloromethane	2.12	50	98289	44.15	ug/l	98
4) Vinyl Chloride	2.26	62	112238	47.70	ug/l	100
5) Bromomethane	2.65	94	77652	44.04	ug/l	98
6) Chloroethane	2.80	64	70266	46.07	ug/l	94
7) Trichlorofluoromethane	3.13	101	194477	46.67	ug/l	99
8) Diethyl Ether	3.54	74	72195	44.37	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	119515	48.30	ug/l	97
10) Methyl Iodide	4.10	142	159942	46.20	ug/l	99
11) Tert butyl alcohol	4.97	59	63317	231.00	ug/l	100
12) 1,1-Dichloroethene	3.88	96	117304	47.14	ug/l	98
13) Acrolein	3.74	56	62868	211.24	ug/l	99
14) Allyl chloride	4.49	41	169161	47.40	ug/l	99
15) Acrylonitrile	5.18	53	180322	245.65	ug/l	99
16) Acetone	3.96	43	172084	288.97	ug/l	98
17) Carbon Disulfide	4.20	76	321732	42.79	ug/l	99
18) Methyl Acetate	4.49	43	74364	49.76	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	330938	48.18	ug/l	100
20) Methylene Chloride	4.72	84	134252	46.13	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	129873	46.41	ug/l	97
22) Diisopropyl ether	6.12	45	357383	48.19	ug/l	93
23) Vinyl Acetate	6.07	43	1213326	247.81	ug/l	99
24) 1,1-Dichloroethane	6.02	63	208158	47.98	ug/l	100
25) 2-Butanone	6.99	43	237668	256.16	ug/l	99
26) 2,2-Dichloropropane	6.99	77	198794	47.78	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	147146	46.97	ug/l	98
28) Bromochloromethane	7.34	49	85859	48.21	ug/l	99
29) Tetrahydrofuran	7.35	42	144765	239.88	ug/l	99
30) Chloroform	7.51	83	225798	49.05	ug/l	94
31) Cyclohexane	7.78	56	187415	43.51	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	207311	48.33	ug/l	99
36) 1,1-Dichloropropene	7.92	75	173267	48.20	ug/l	100
37) Ethyl Acetate	7.08	43	97213	49.71	ug/l	99
38) Carbon Tetrachloride	7.91	117	195734	49.02	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	219355	46.30	ug/l	98
40) Benzene	8.16	78	510065	48.02	ug/l	98
41) Methacrylonitrile	7.35	41	133420	126.99	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	144624	48.59	ug/l	99
43) Isopropyl Acetate	8.28	43	182051	49.12	ug/l	100
44) Trichloroethene	8.94	130	159296	47.48	ug/l	99
45) 1,2-Dichloropropane	9.22	63	123450	48.47	ug/l	99
46) Dibromomethane	9.31	93	73348	48.49	ug/l	99
47) Bromodichloromethane	9.50	83	178163	49.96	ug/l	98
48) Methyl methacrylate	9.30	41	83805	50.09	ug/l	97
49) 1,4-Dioxane	9.30	88	21529	926.91	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	502362	255.99	ug/l	99
52) Toluene	10.24	92	336663	48.45	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	193417	49.66	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	218639	49.54	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	112411	48.54	ug/l	95
56) Ethyl methacrylate	10.51	69	154952	49.95	ug/l	99
57) 1,3-Dichloropropane	10.79	76	187276	49.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	400883	264.49	ug/l	100
59) 2-Hexanone	10.83	43	358534	257.49	ug/l	100
60) Dibromochloromethane	10.99	129	147802	50.34	ug/l	100
61) 1,2-Dibromoethane	11.09	107	110814	48.51	ug/l	99
64) Tetrachloroethene	10.72	164	163484	45.89	ug/l	99
65) Chlorobenzene	11.52	112	377584	48.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	147609	50.58	ug/l	99
67) Ethyl Benzene	11.60	91	659561	49.10	ug/l	99
68) m/p-Xylenes	11.70	106	516692	99.21	ug/l	99
69) o-Xylene	12.03	106	241915	49.21	ug/l	99
70) Styrene	12.05	104	426524	50.05	ug/l	100
71) Bromoform	12.21	173	99722	51.07	ug/l #	29
73) Isopropylbenzene	12.33	105	667599	48.50	ug/l	100
74) N-amyl acetate	12.14	43	175826	49.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125492	51.96	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	180174	93.08	ug/l #	100
77) Bromobenzene	12.61	156	170956	47.69	ug/l	99
78) n-propylbenzene	12.67	91	778292	48.94	ug/l	100
79) 2-Chlorotoluene	12.75	91	433099	48.55	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	566403	49.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	51588	50.21	ug/l	98
82) 4-Chlorotoluene	12.86	91	452925	48.46	ug/l	100
83) tert-Butylbenzene	13.08	119	498177	48.59	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	565771	48.95	ug/l	100
85) sec-Butylbenzene	13.25	105	685820	48.92	ug/l	100
86) p-Isopropyltoluene	13.37	119	643078	49.30	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	329543	48.53	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	329384	48.49	ug/l	99
89) n-Butylbenzene	13.70	91	580587	49.02	ug/l	100
90) Hexachloroethane	13.96	117	121113	49.59	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	298589	48.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23697	50.99	ug/l	95

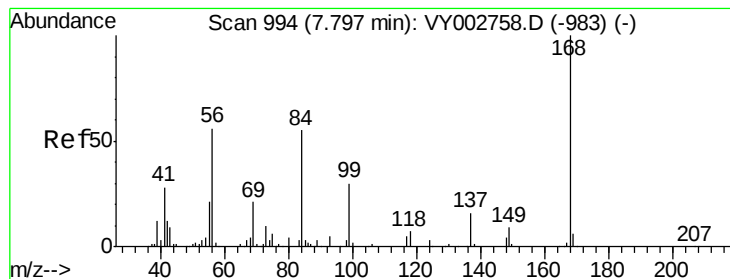
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	223055	48.06	ug/l	99
94) Hexachlorobutadiene	15.11	225	128237	48.71	ug/l	100
95) Naphthalene	15.24	128	447927	48.13	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	195703	47.22	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

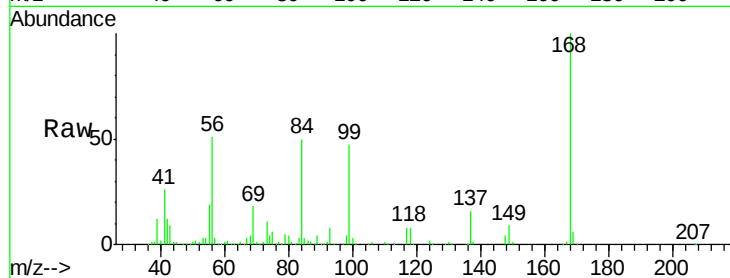
VSTDCCC050

Tgt Ion:168 Resp: 292488

Ion Ratio Lower Upper

168 100

99 47.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002872.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002872.D (-945) (-)

7.80

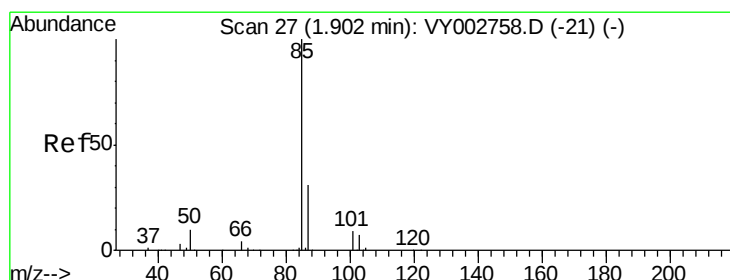
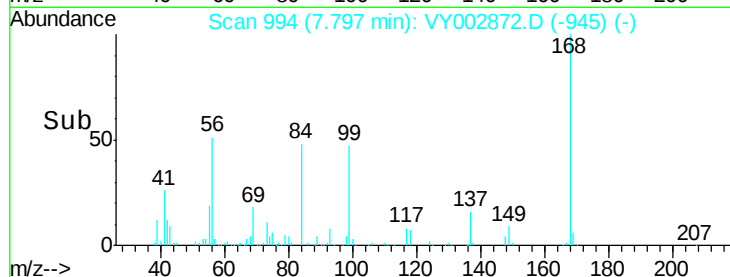
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.49 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002872.D

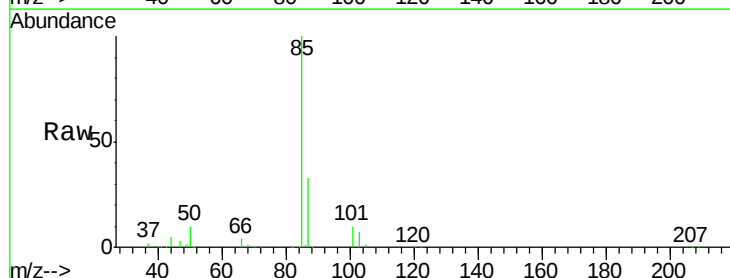
Acq: 10 Jun 2020 10:08

Tgt Ion: 85 Resp: 89543

Ion Ratio Lower Upper

85 100

87 33.2 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002872.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002872.D (-1) (-)

1.91

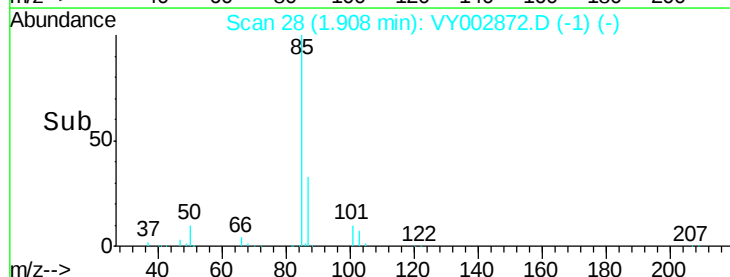
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 44.15 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

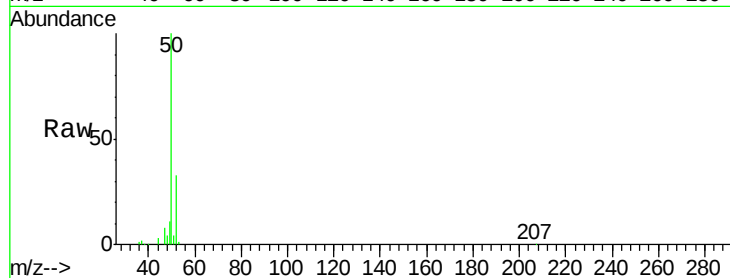
VSTDCCC050

Tgt Ion: 50 Resp: 98289

Ion Ratio Lower Upper

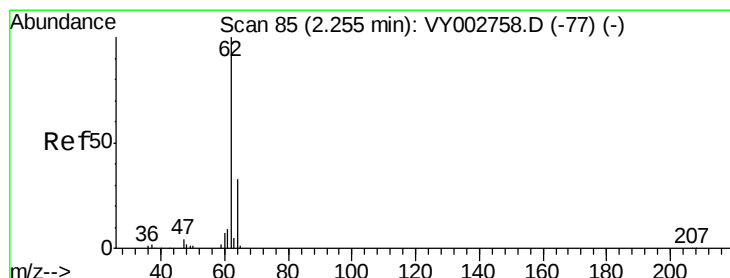
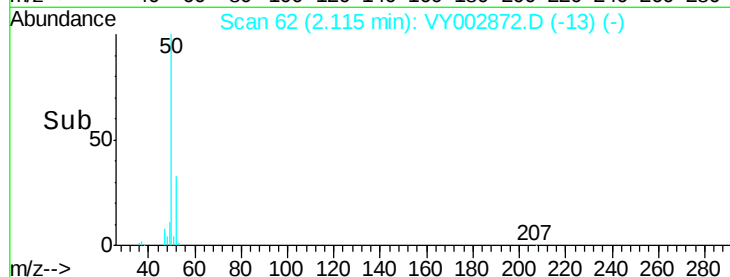
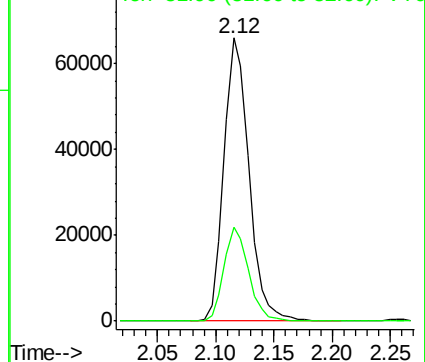
50 100

52 33.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.70 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002872.D

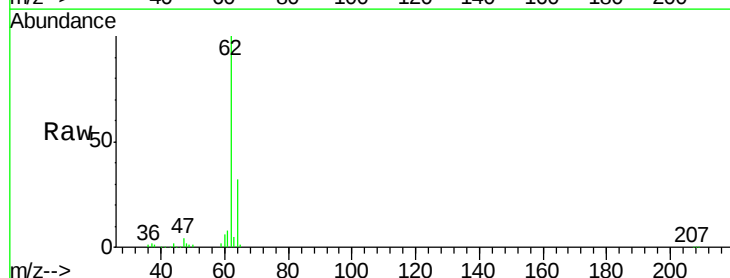
Acq: 10 Jun 2020 10:08

Tgt Ion: 62 Resp: 112238

Ion Ratio Lower Upper

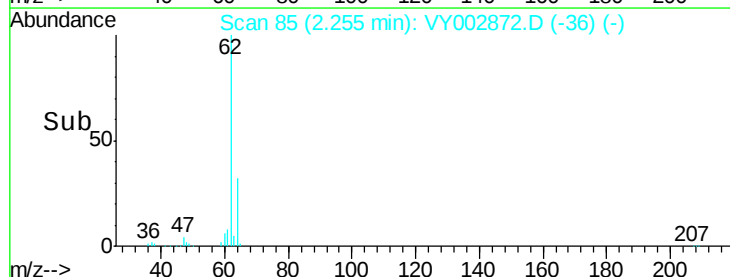
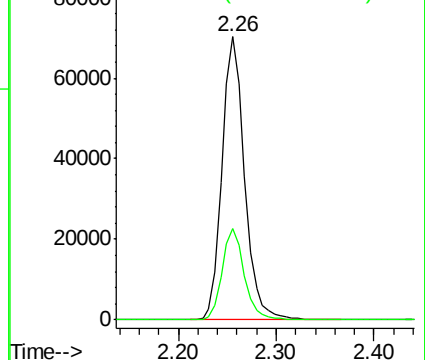
62 100

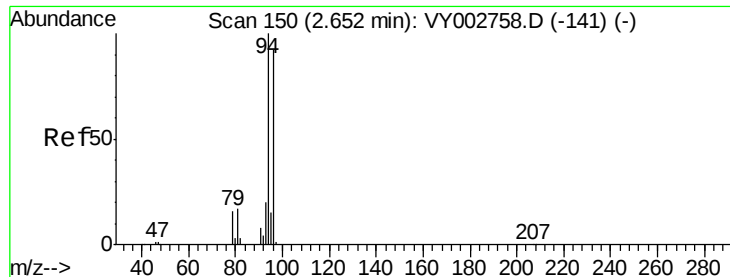
64 32.4 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 44.04 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

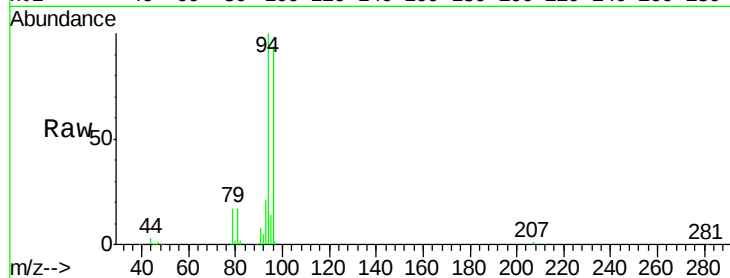
VSTDCCC050

Tgt Ion: 94 Resp: 77652

Ion Ratio Lower Upper

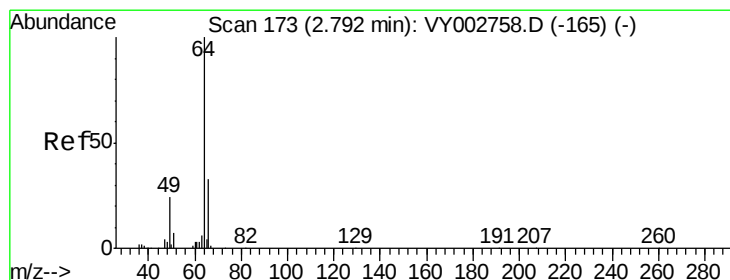
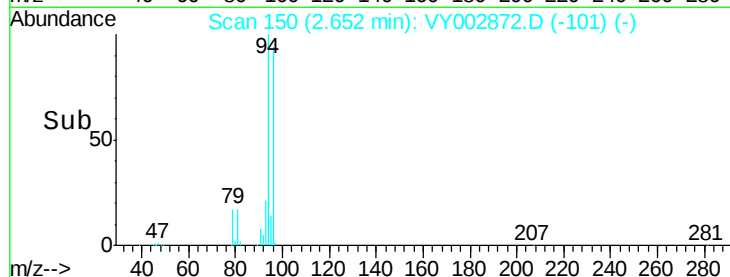
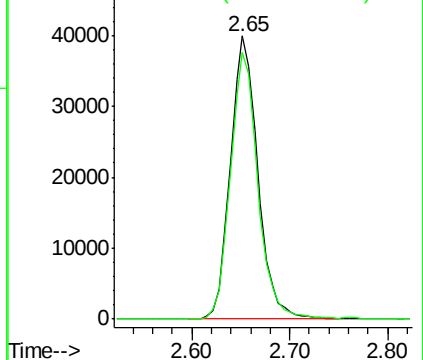
94 100

96 94.1 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.07 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002872.D

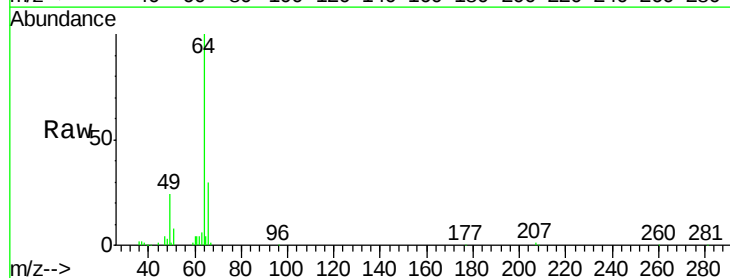
Acq: 10 Jun 2020 10:08

Tgt Ion: 64 Resp: 70266

Ion Ratio Lower Upper

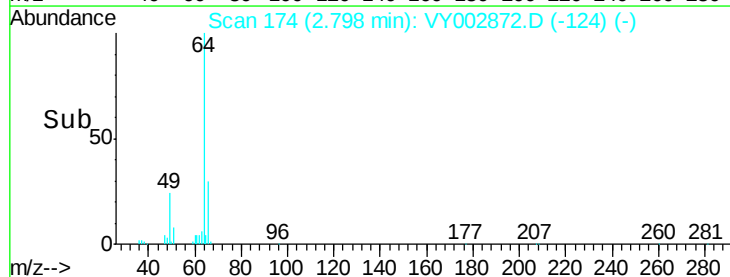
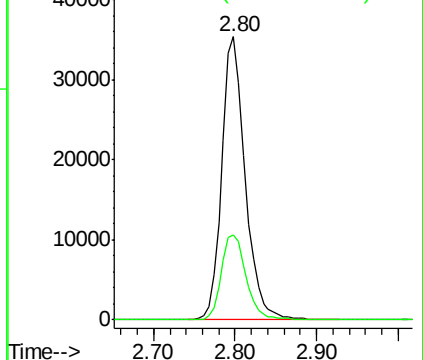
64 100

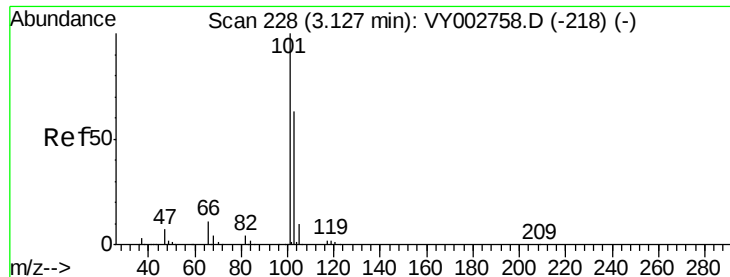
66 29.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 46.67 ug/l

RT: 3.13 min Scan# 228

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

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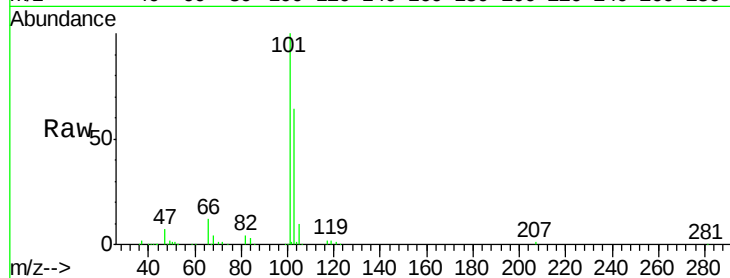
VSTDCCC050

Tgt Ion:101 Resp: 194477

Ion Ratio Lower Upper

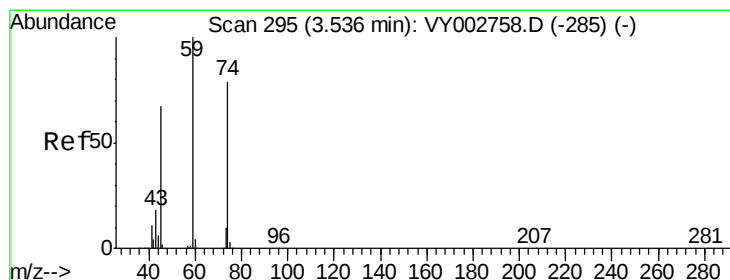
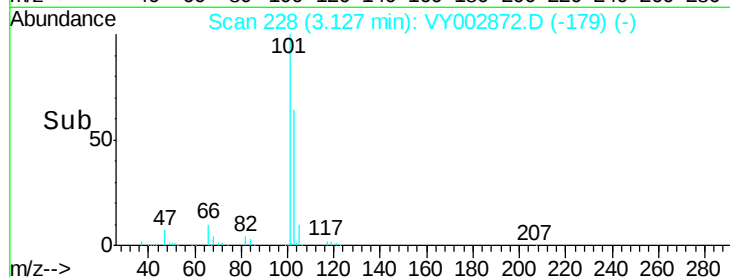
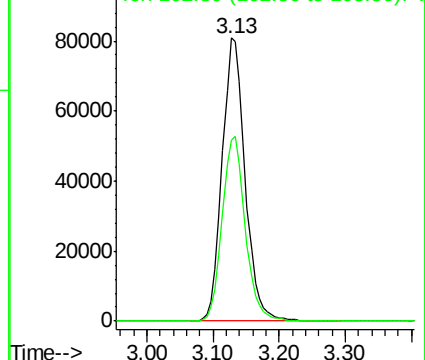
101 100

103 64.1 50.6 76.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 44.37 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY002872.D

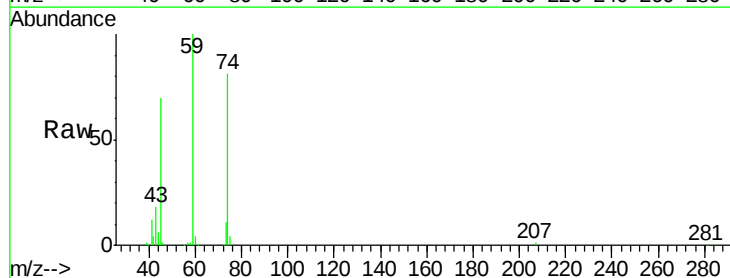
Acq: 10 Jun 2020 10:08

Tgt Ion: 74 Resp: 72195

Ion Ratio Lower Upper

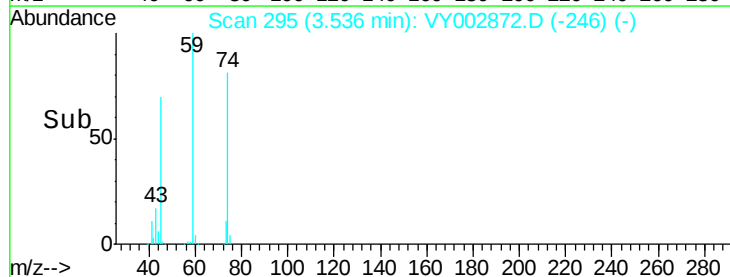
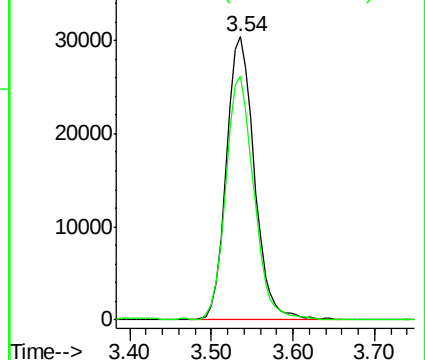
74 100

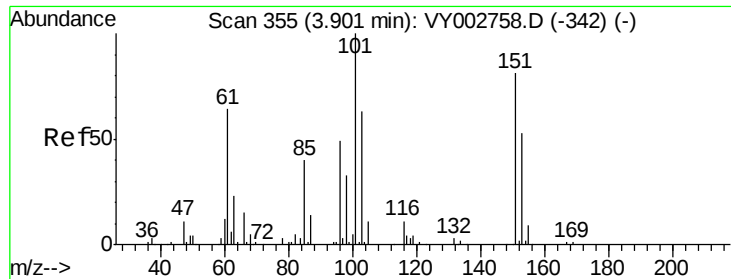
45 86.5 44.0 131.8



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: 48.30 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002872.D

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VSTDCCC050

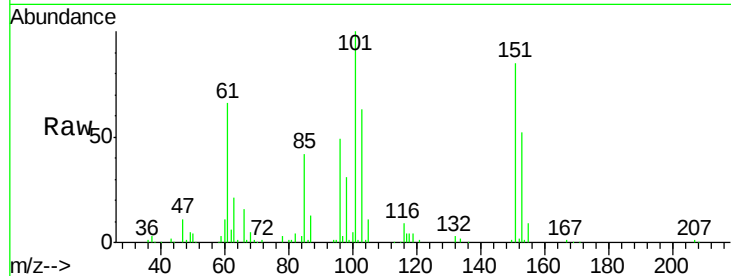
Tgt Ion:101 Resp: 119515

Ion Ratio Lower Upper

101 100

85 42.3 32.7 49.1

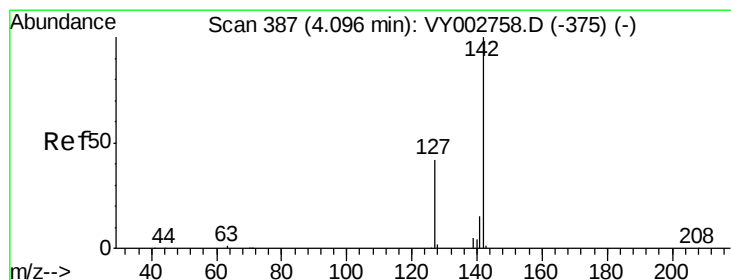
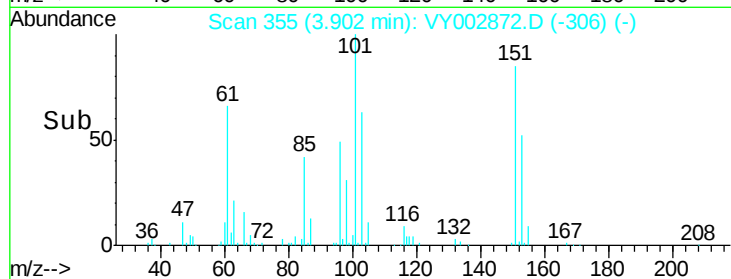
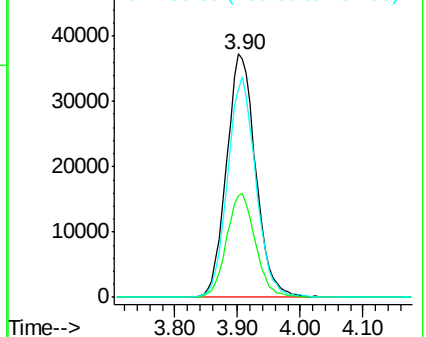
151 88.1 68.0 102.0



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: 46.20 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

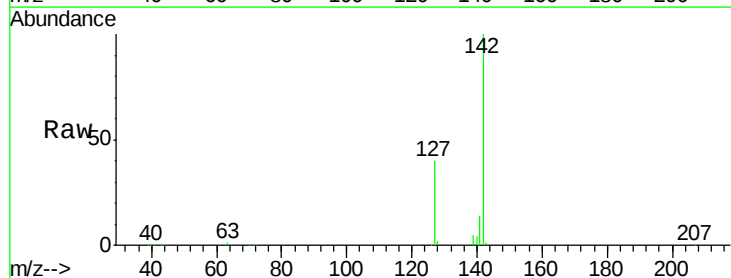
Tgt Ion:142 Resp: 159942

Ion Ratio Lower Upper

142 100

127 42.4 33.3 49.9

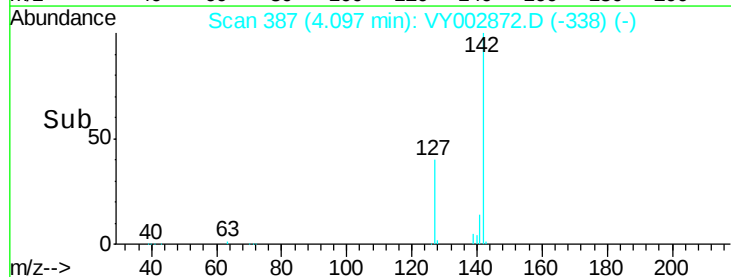
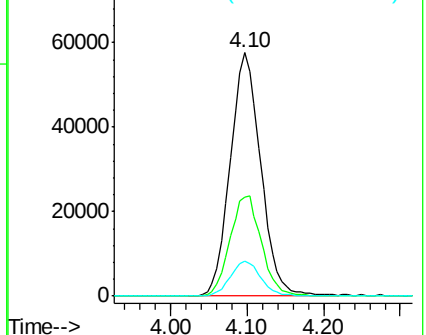
141 14.3 11.5 17.3

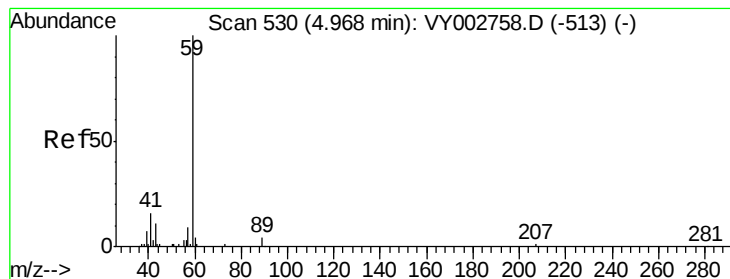


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 231.00 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

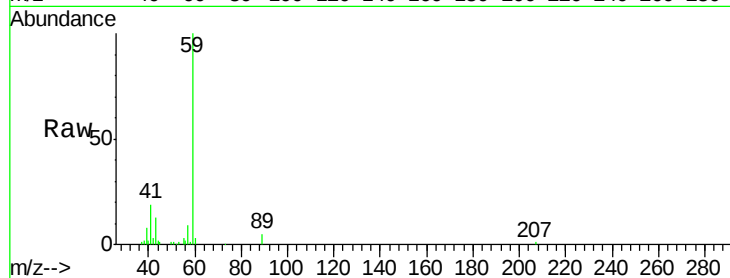
VSTDCCC050

Tgt Ion: 59 Resp: 63317

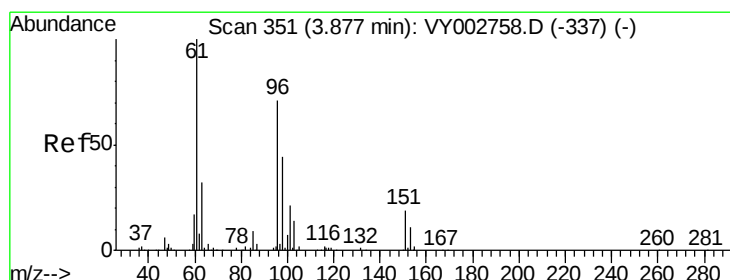
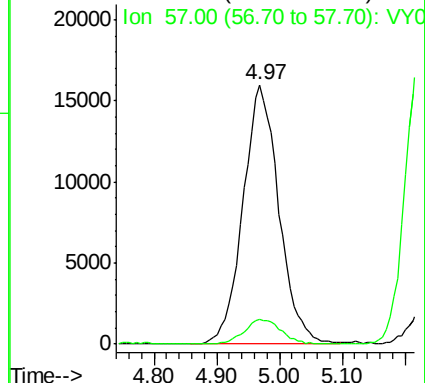
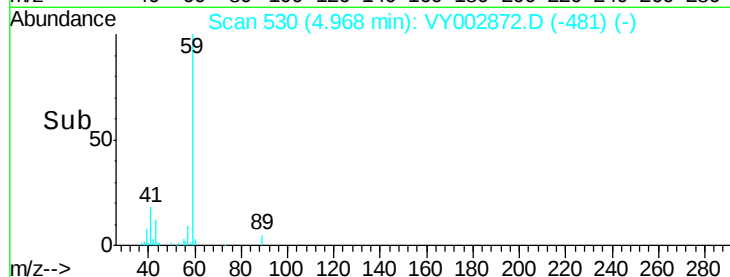
Ion Ratio Lower Upper

59 100

57 9.8 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VY002872.D (-481) (-)



#12

1,1-Dichloroethene

Concen: 47.14 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

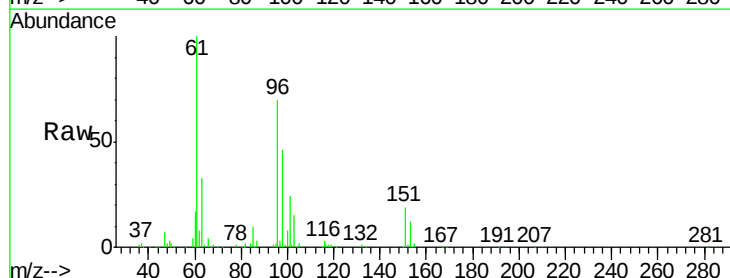
Tgt Ion: 96 Resp: 117304

Ion Ratio Lower Upper

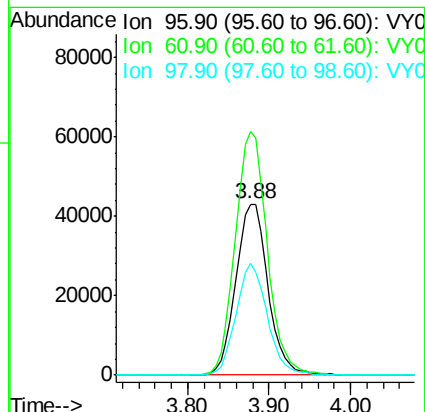
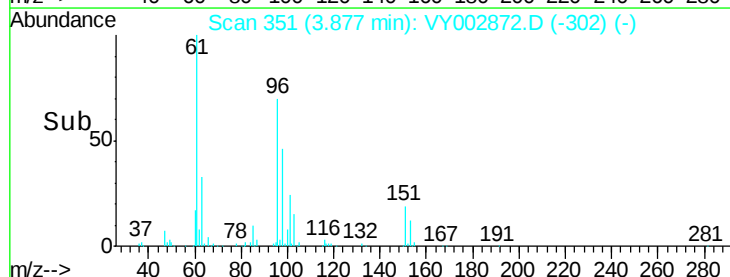
96 100

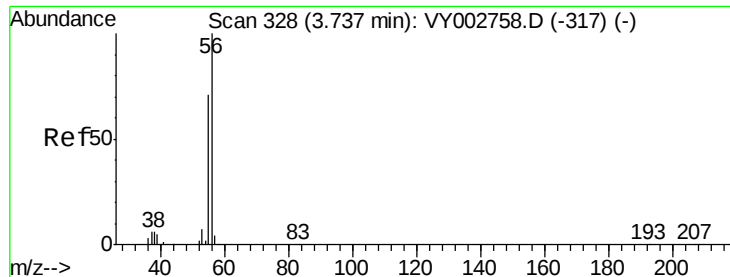
61 142.5 112.6 168.8

98 65.2 50.0 75.0



Abundance Ion 95.90 (95.60 to 96.60): VY002872.D (-302) (-)





#13

Acrolein

Concen: 211.24 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

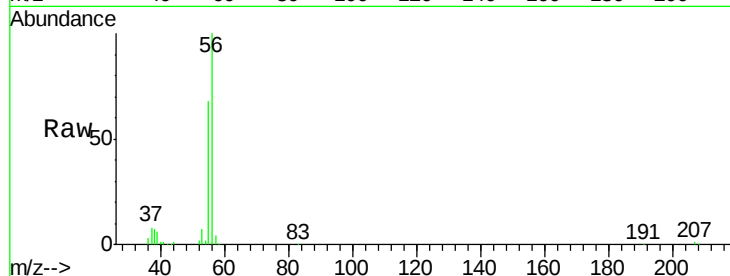
VSTDCCC050

Tgt Ion: 56 Resp: 62868

Ion Ratio Lower Upper

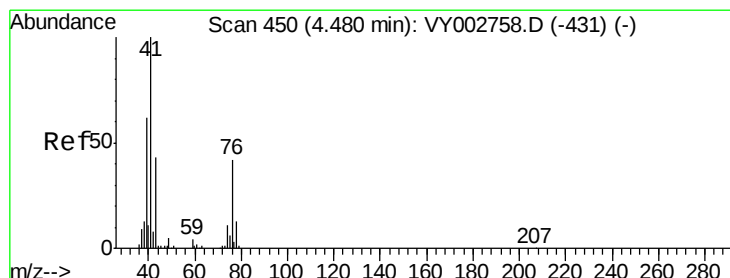
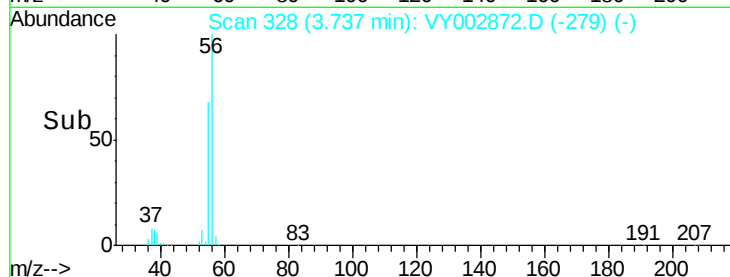
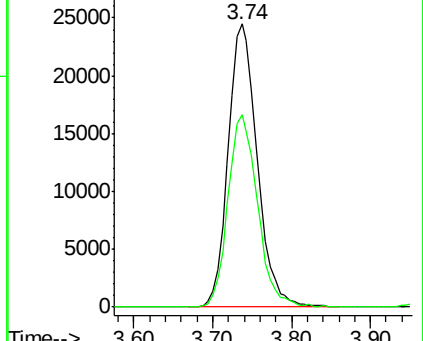
56 100

55 68.8 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 47.40 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

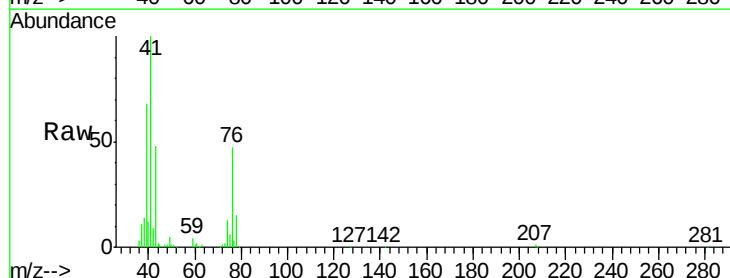
Tgt Ion: 41 Resp: 169161

Ion Ratio Lower Upper

41 100

39 63.5 49.9 74.9

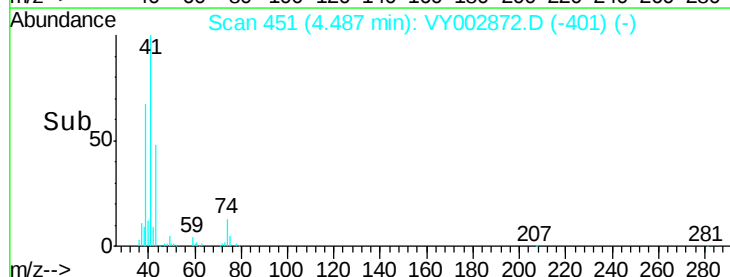
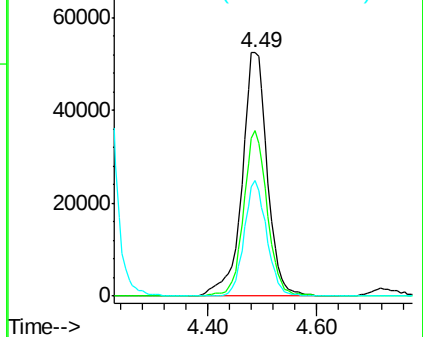
76 42.4 33.2 49.8

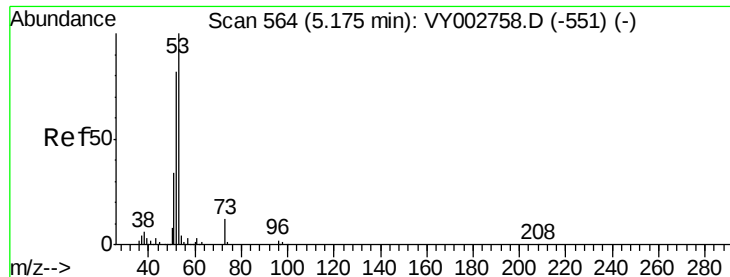


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 245.65 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

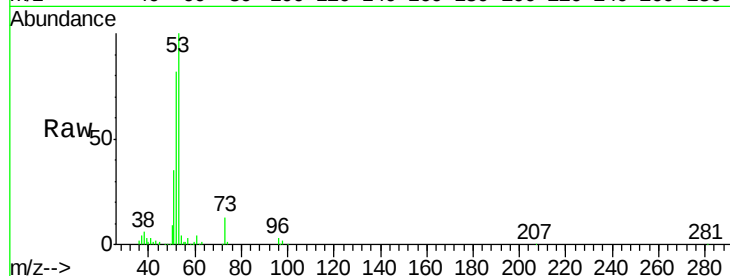
Tgt Ion: 53 Resp: 180322

Ion Ratio Lower Upper

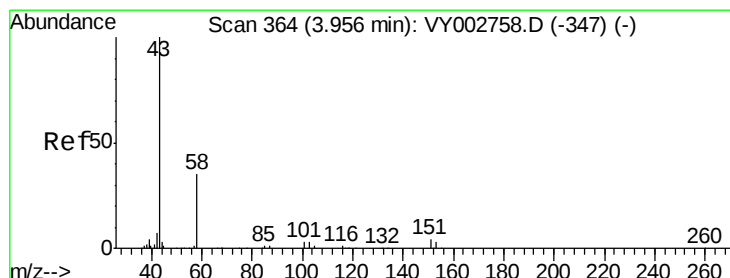
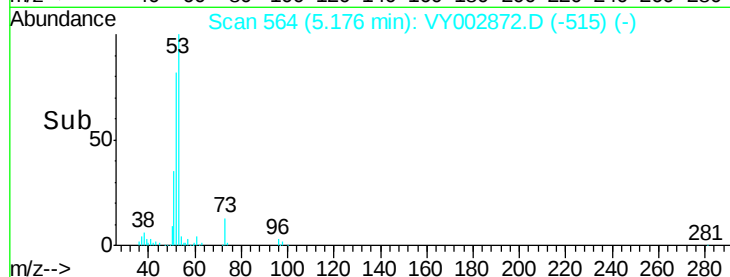
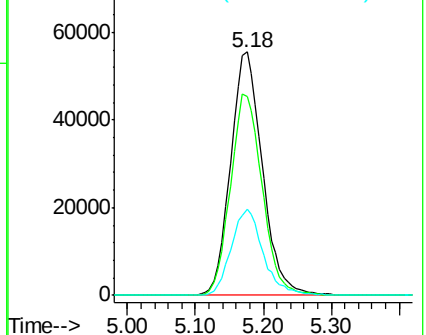
53 100

52 82.5 65.3 97.9

51 35.8 28.0 42.0



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: 288.97 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002872.D

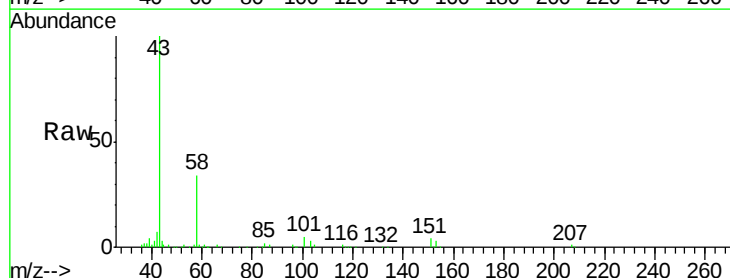
Acq: 10 Jun 2020 10:08

Tgt Ion: 43 Resp: 172084

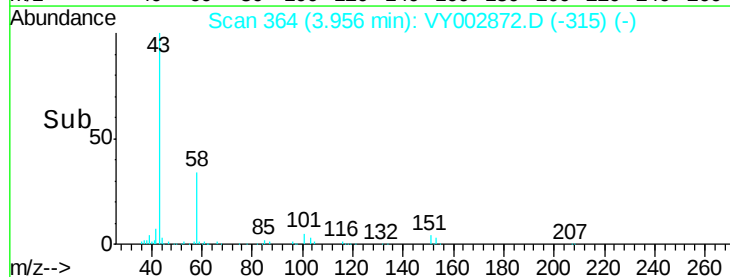
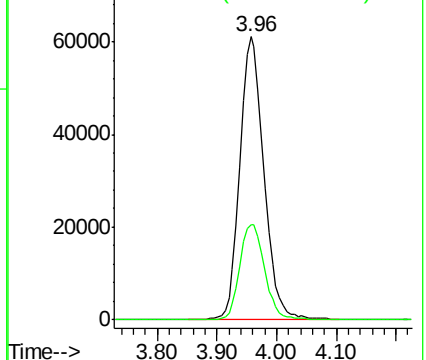
Ion Ratio Lower Upper

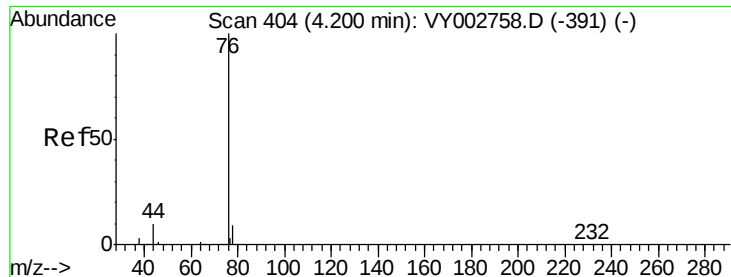
43 100

58 33.7 27.7 41.5



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

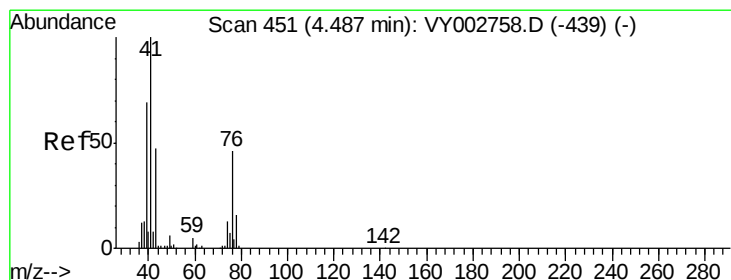
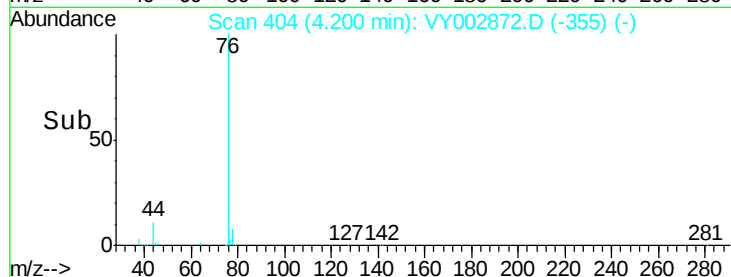
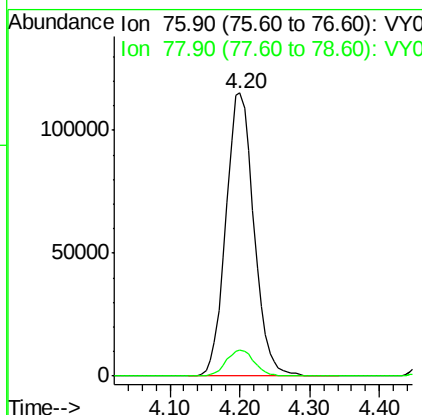
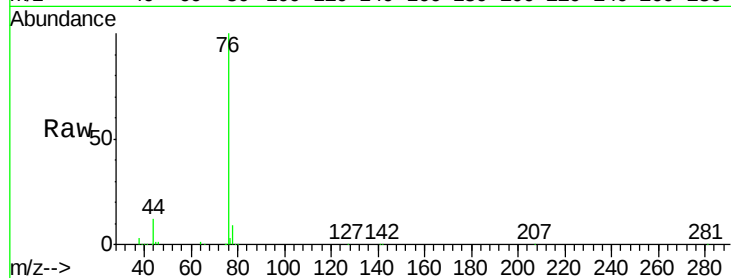




#17
 Carbon Disulfide
 Concen: 42.79 ug/l
 RT: 4.20 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

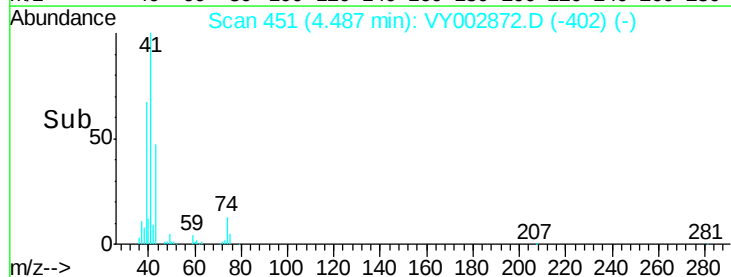
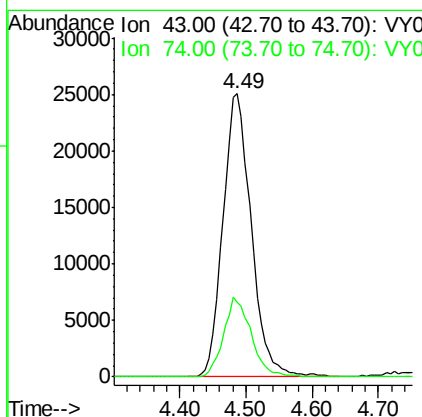
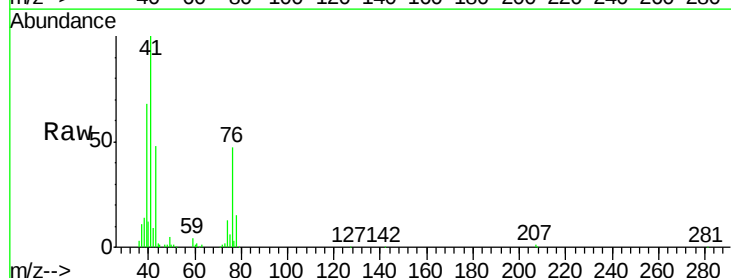
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

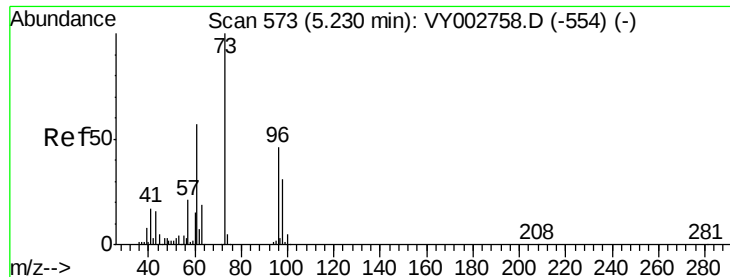
Tgt Ion: 76 Resp: 321732
 Ion Ratio Lower Upper
 76 100
 78 9.1 6.9 10.3



#18
 Methyl Acetate
 Concen: 49.76 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion: 43 Resp: 74364
 Ion Ratio Lower Upper
 43 100
 74 27.2 21.4 32.0





#19

Methyl tert-butyl Ether

Concen: 48.18 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

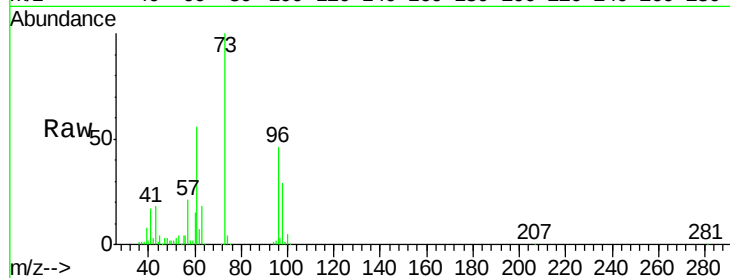
VSTDCCC050

Tgt Ion: 73 Resp: 330938

Ion Ratio Lower Upper

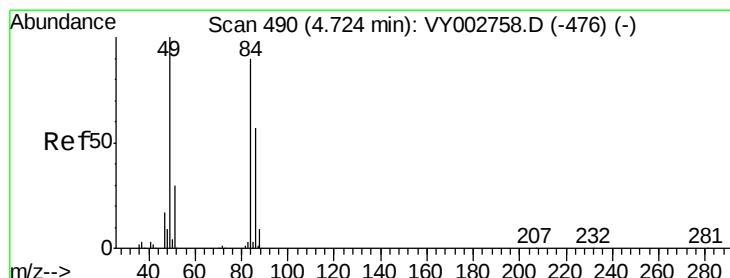
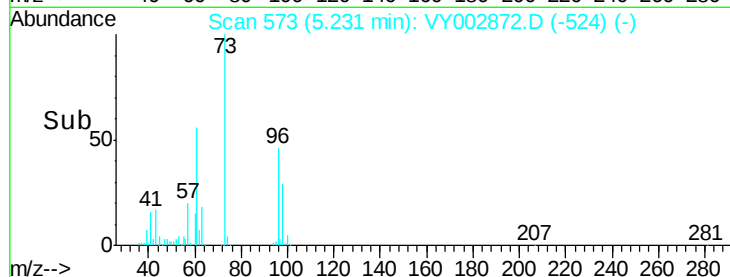
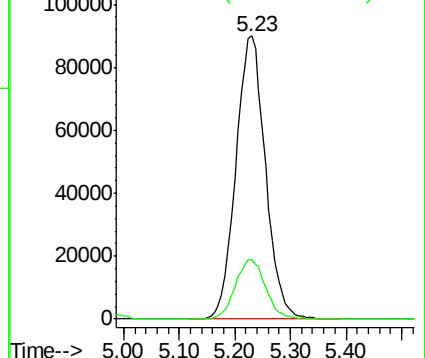
73 100

57 21.0 17.0 25.4



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#20

Methylene Chloride

Concen: 46.13 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Tgt Ion: 84 Resp: 134252

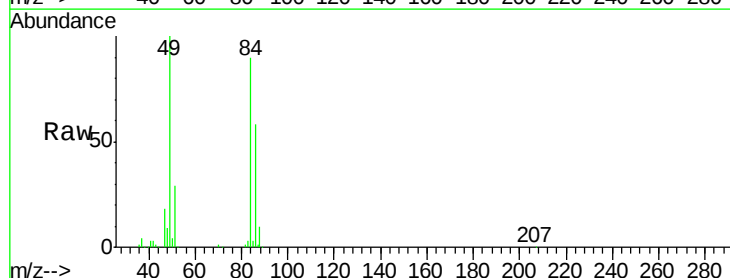
Ion Ratio Lower Upper

84 100

49 110.9 88.5 132.7

51 32.1 26.8 40.2

86 63.9 50.6 75.8

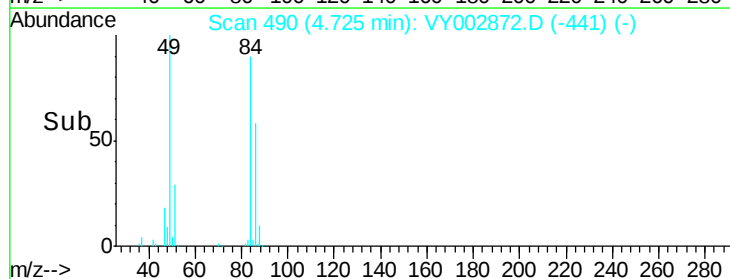
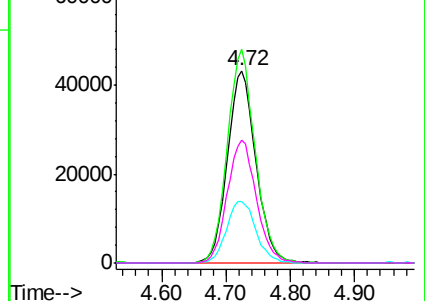


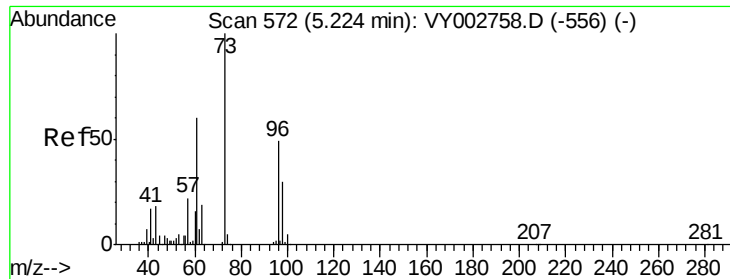
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 46.41 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

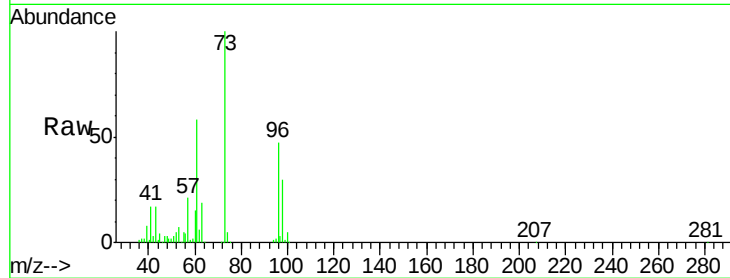
Tgt Ion: 96 Resp: 129873

Ion Ratio Lower Upper

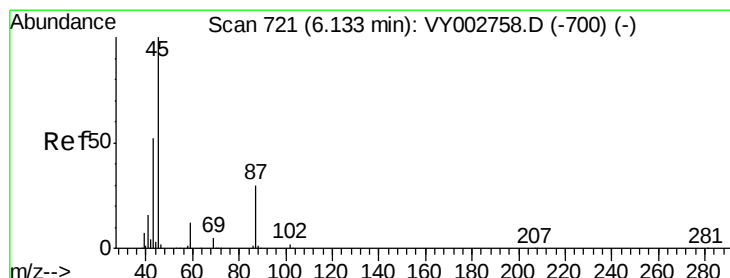
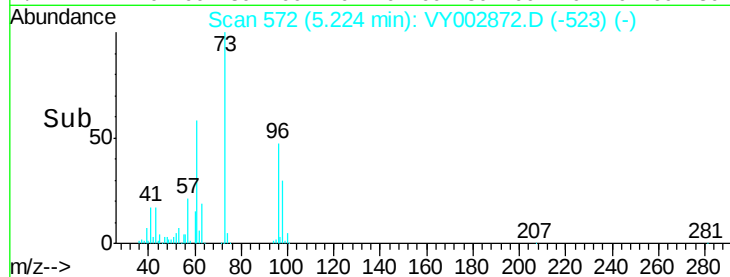
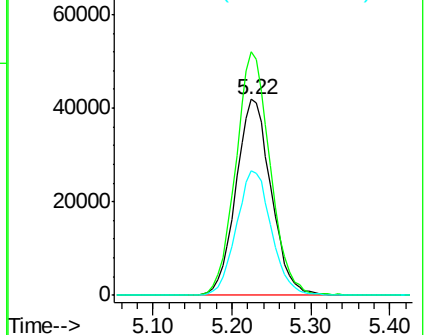
96 100

61 124.1 96.8 145.2

98 63.8 49.4 74.0



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



#22

Diisopropyl ether

Concen: 48.19 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Tgt Ion: 45 Resp: 357383

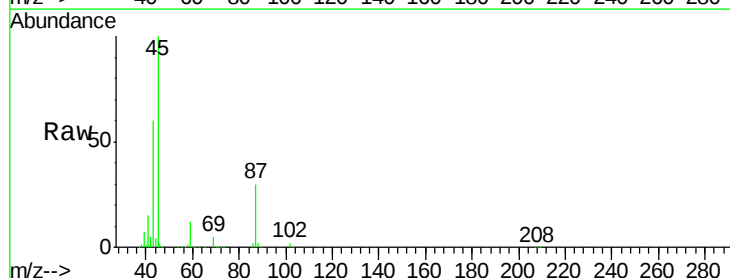
Ion Ratio Lower Upper

45 100

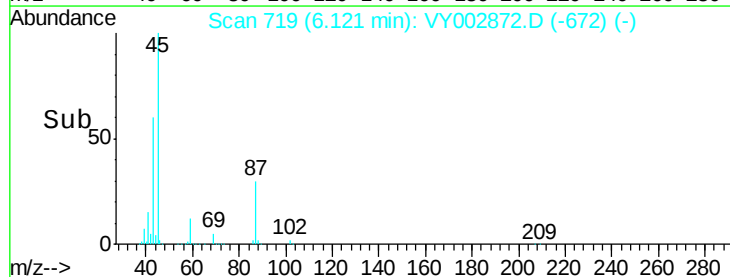
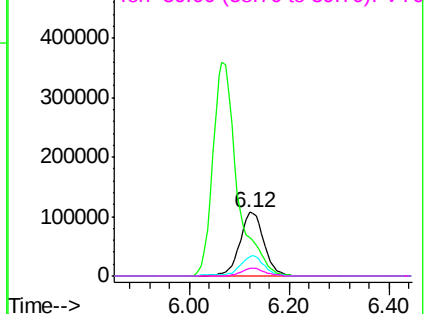
43 59.8 41.7 62.5

87 29.5 24.2 36.2

59 11.6 9.8 14.8



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

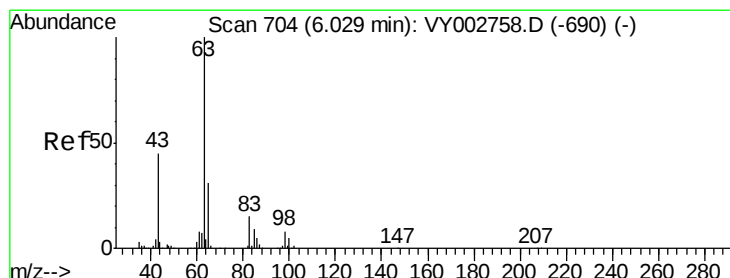
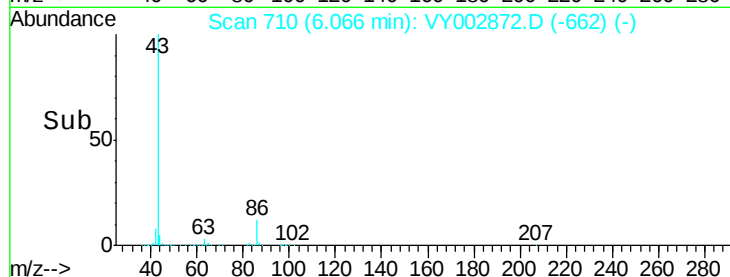
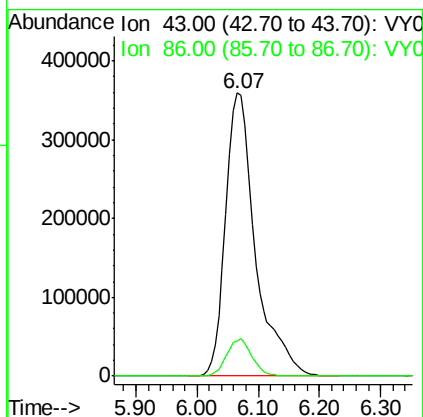
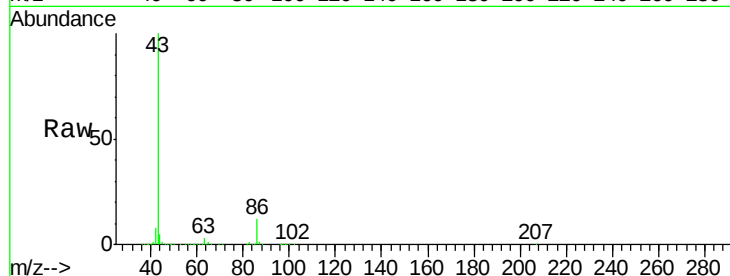




#23
 Vinyl Acetate
 Concen: 247.81 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

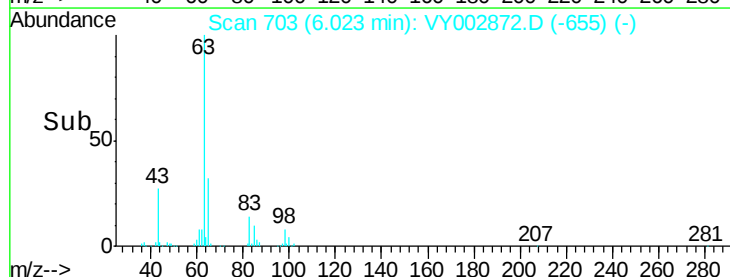
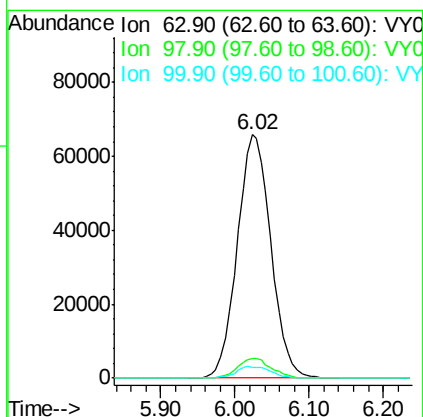
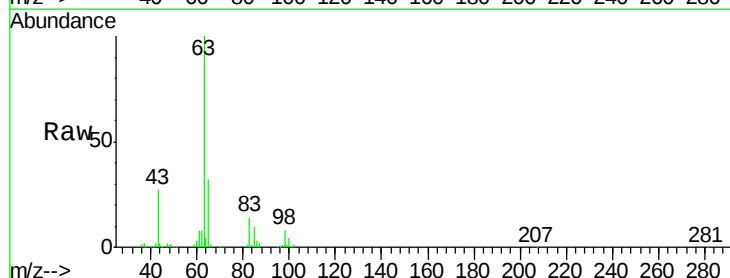
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1213326
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 47.98 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion: 63 Resp: 208158
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 4.5 2.4 7.1

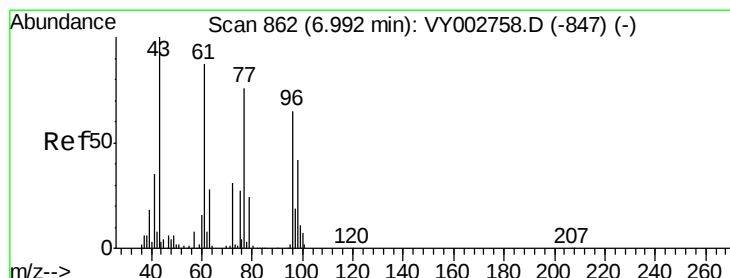
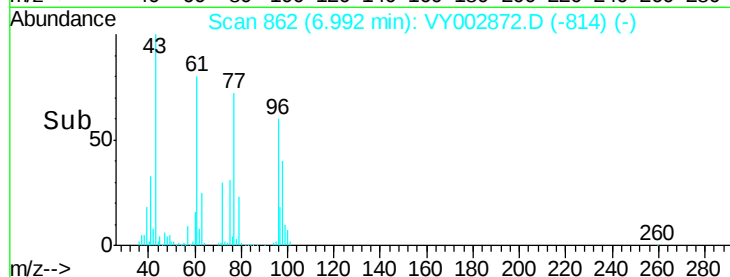
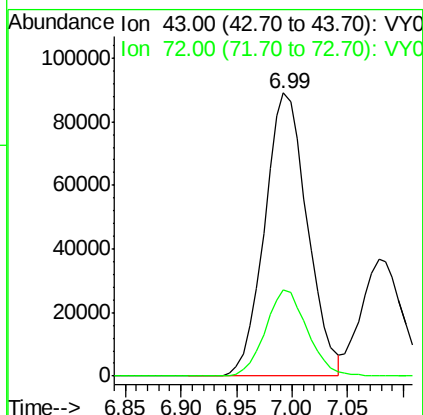
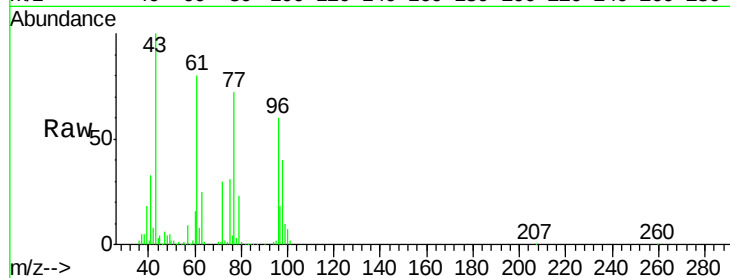




#25
2-Butanone
Concen: 256.16 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

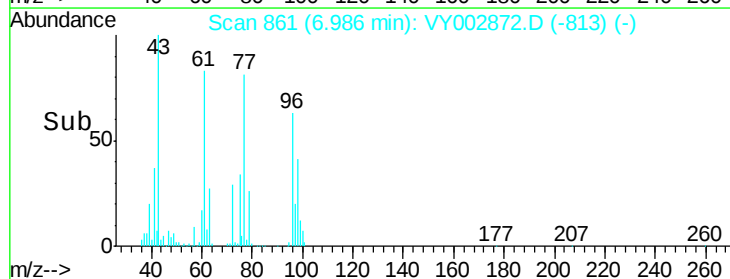
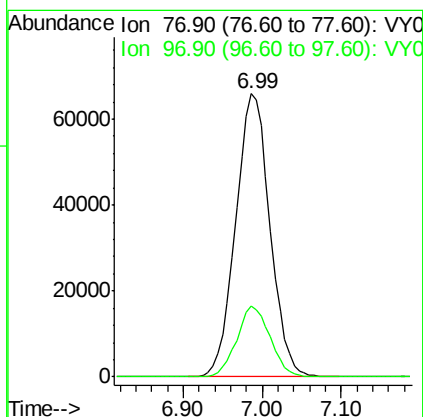
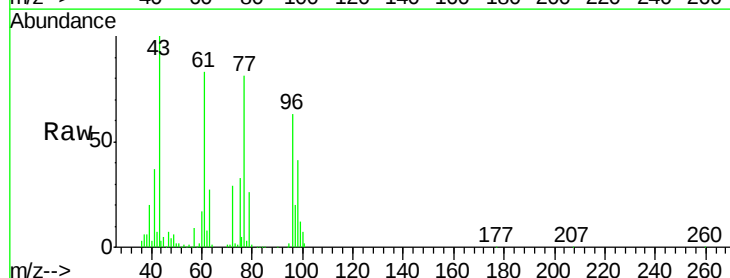
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 237668
Ion Ratio Lower Upper
43 100
72 30.3 23.9 35.9



#26
2,2-Dichloropropane
Concen: 47.78 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion: 77 Resp: 198794
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6



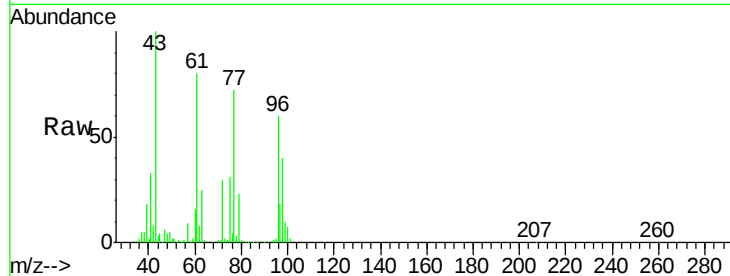


#27

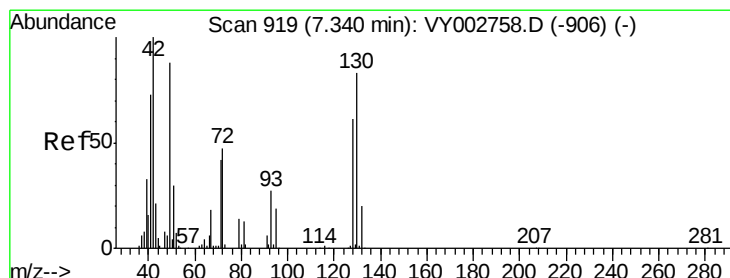
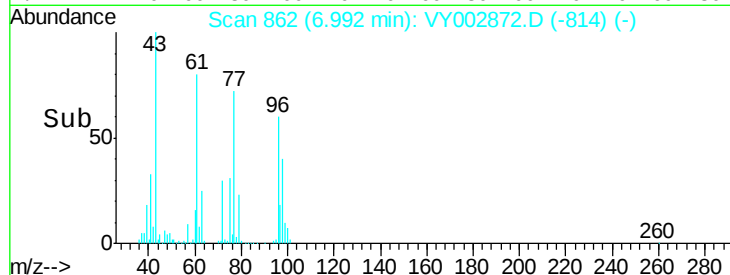
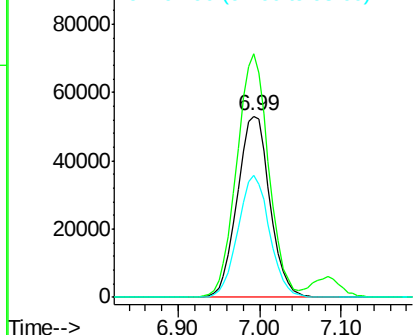
cis-1,2-Dichloroethene
 Concen: 46.97 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 147146
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 260.2
 98 65.6 0.0 128.2



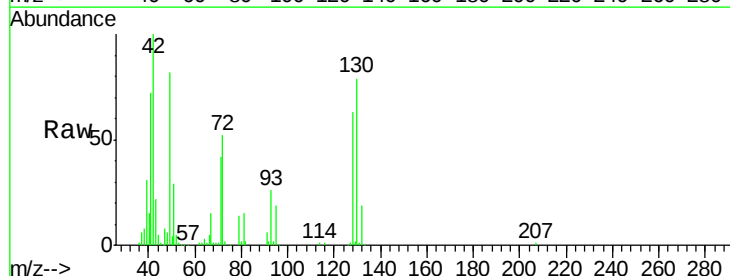
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



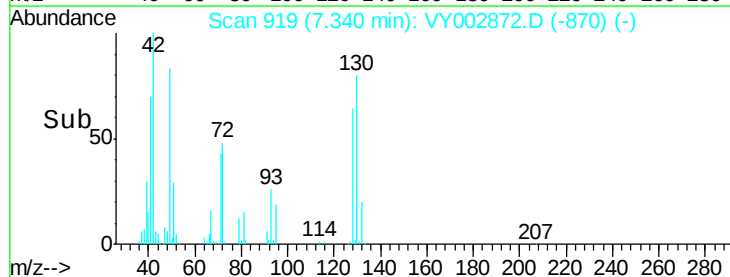
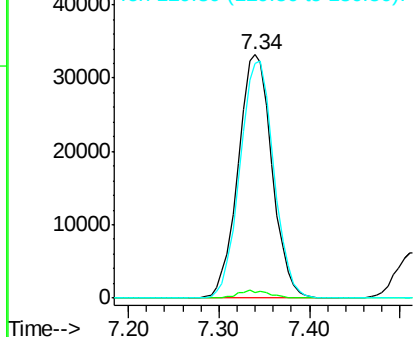
#28

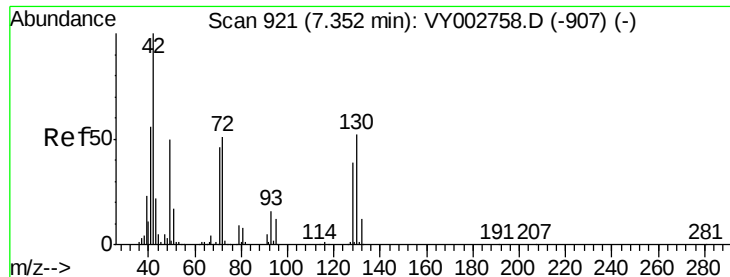
Bromochloromethane
 Concen: 48.21 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion: 49 Resp: 85859
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.2
 130 97.0 77.1 115.7



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





#29

Tetrahydrofuran

Concen: 239.88 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

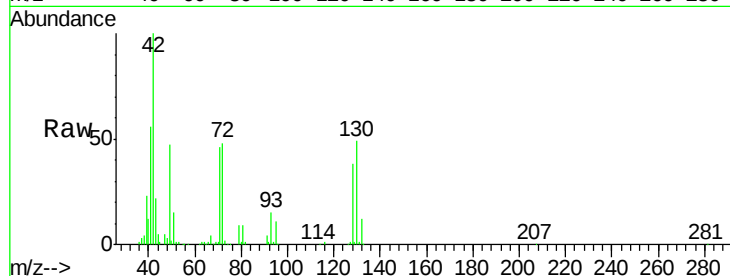
Tgt Ion: 42 Resp: 144765

Ion Ratio Lower Upper

42 100

72 49.3 38.6 58.0

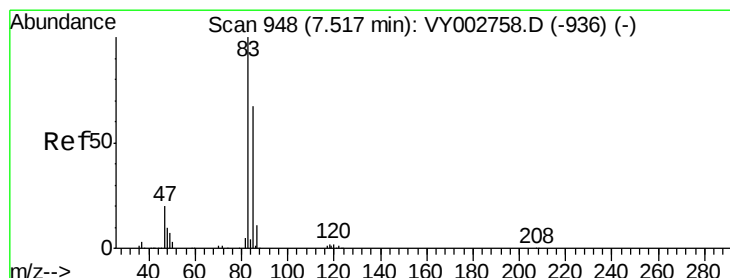
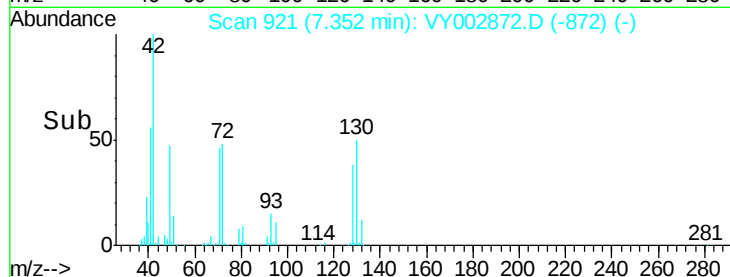
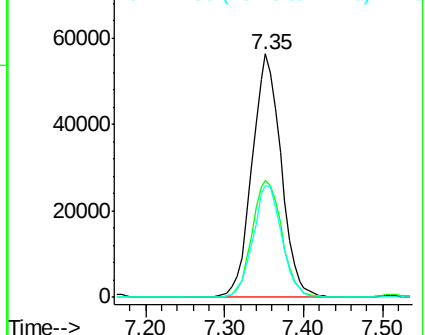
71 45.5 35.8 53.8



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: 49.05 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002872.D

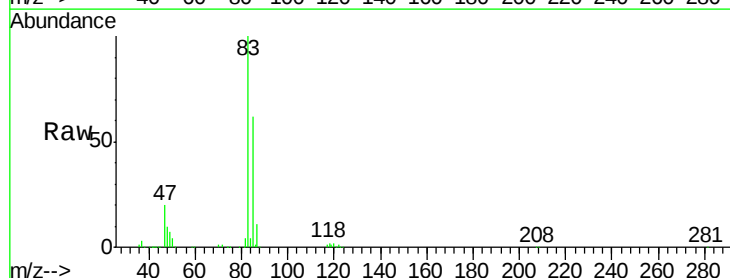
Acq: 10 Jun 2020 10:08

Tgt Ion: 83 Resp: 225798

Ion Ratio Lower Upper

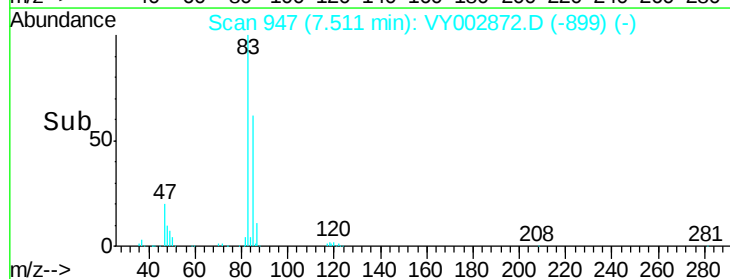
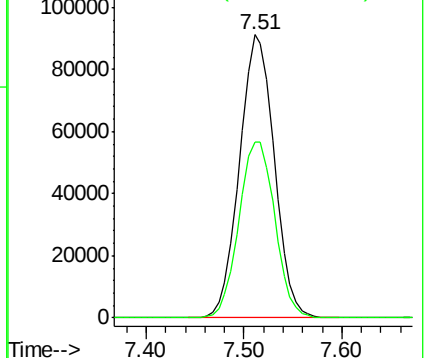
83 100

85 62.2 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 43.51 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

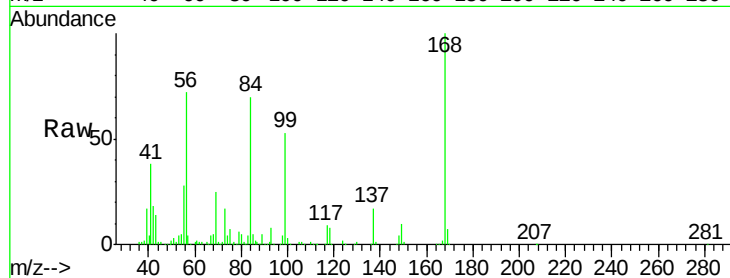
Tgt Ion: 56 Resp: 187415

Ion Ratio Lower Upper

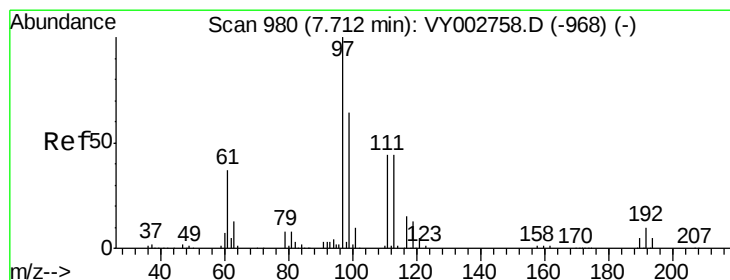
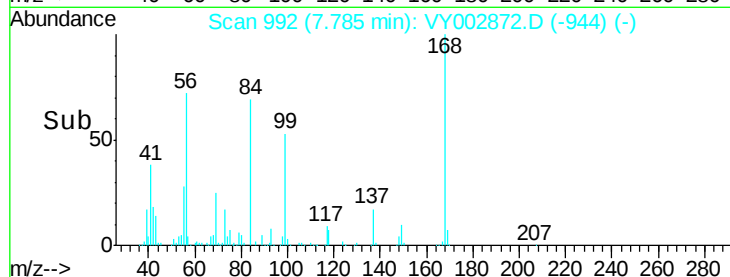
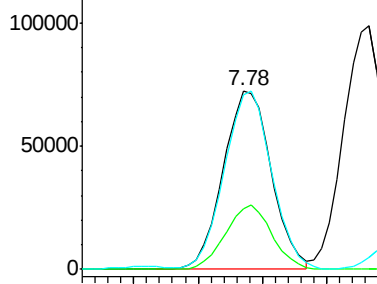
56 100

69 33.9 28.0 42.0

84 96.1 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 48.33 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

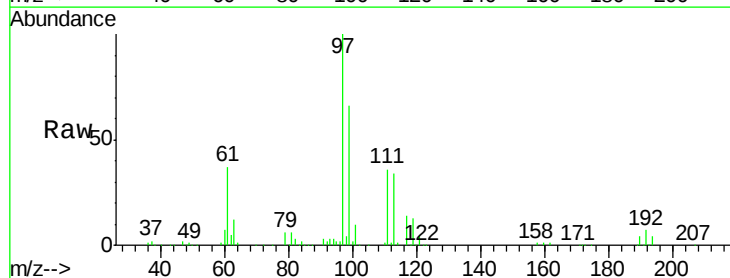
Tgt Ion: 97 Resp: 207311

Ion Ratio Lower Upper

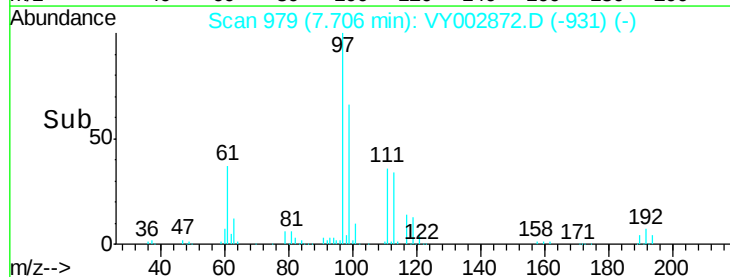
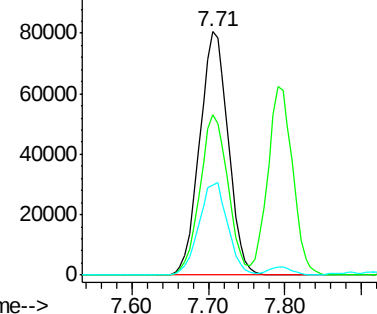
97 100

99 65.0 51.4 77.0

61 38.4 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

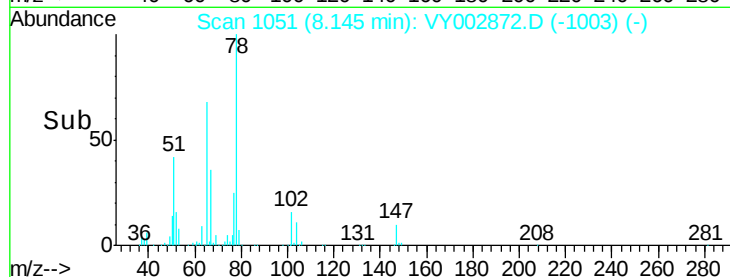
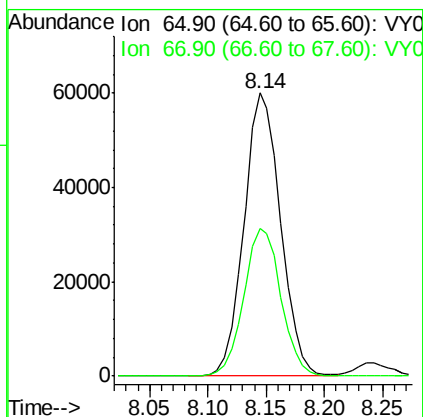
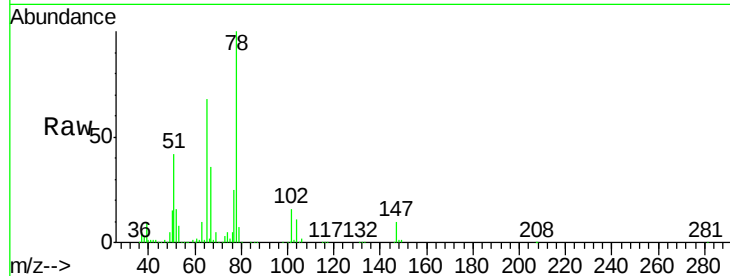




#33
 1,2-Dichloroethane-d4
 Concen: 51.63 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

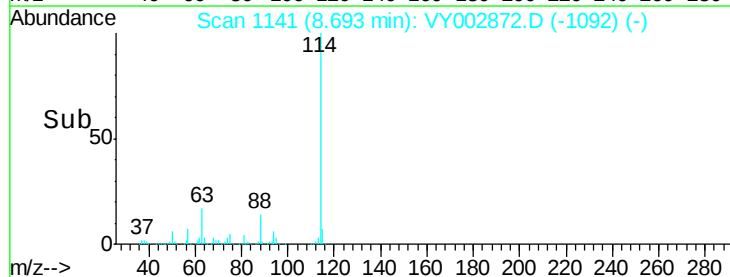
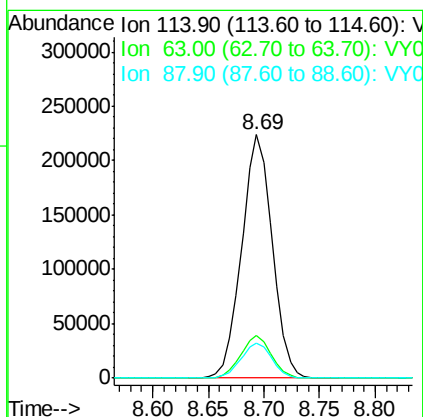
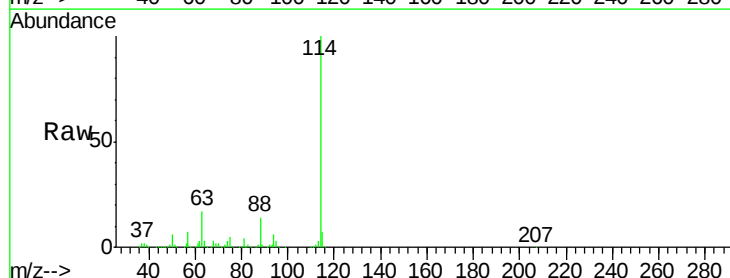
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 131114
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion: 114 Resp: 426716
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.4 0.0 29.2

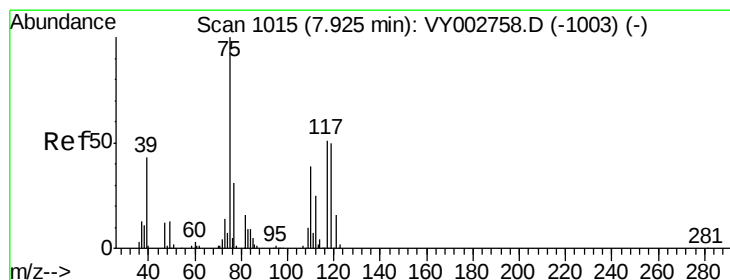
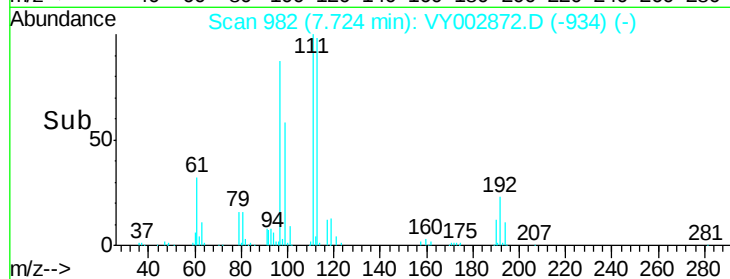
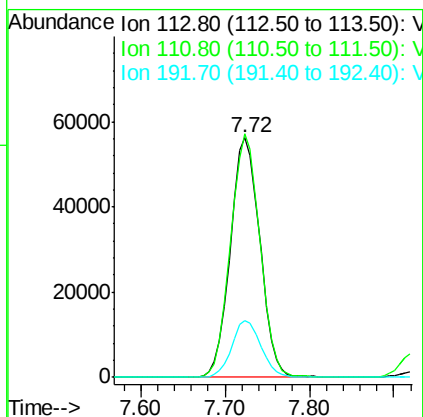
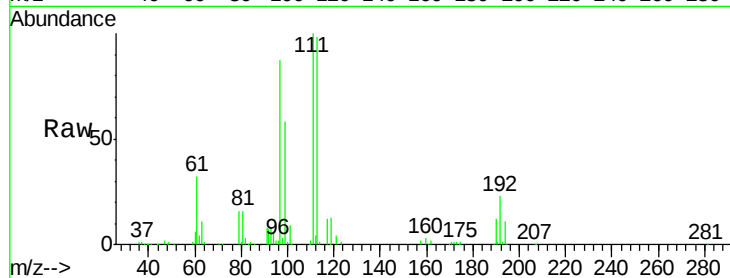




#35
 Dibromofluoromethane
 Concen: 53.35 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

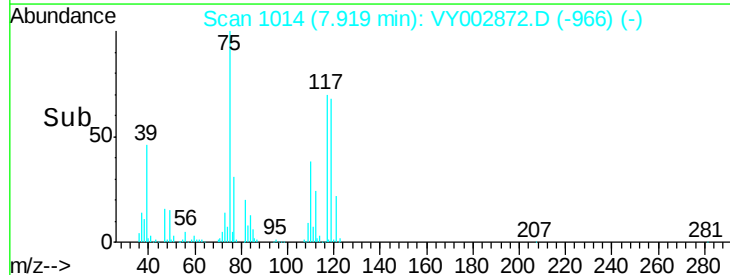
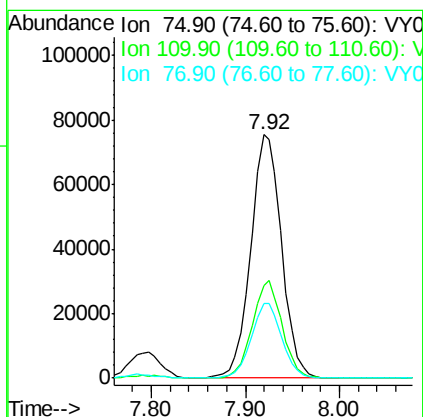
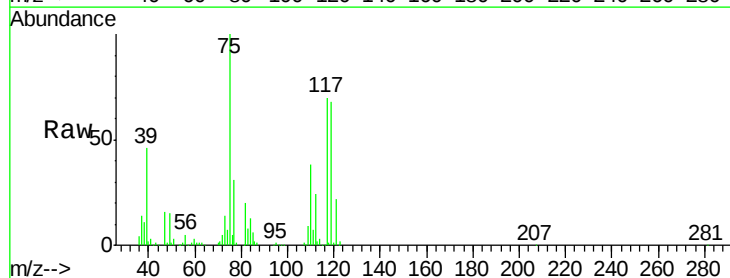
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

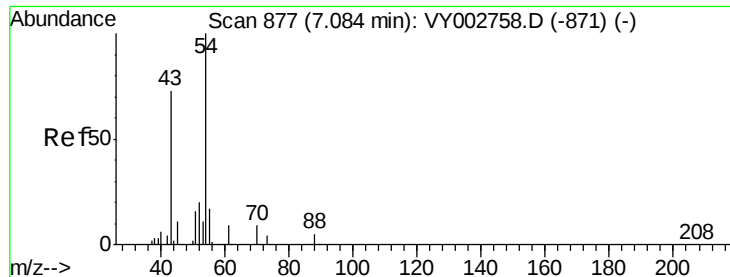
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 48.20 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.3	57.9
77	30.6	24.8	37.2

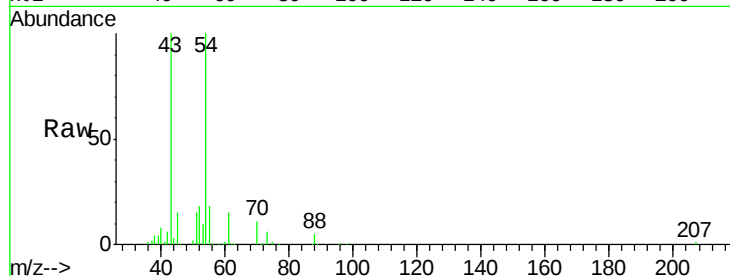




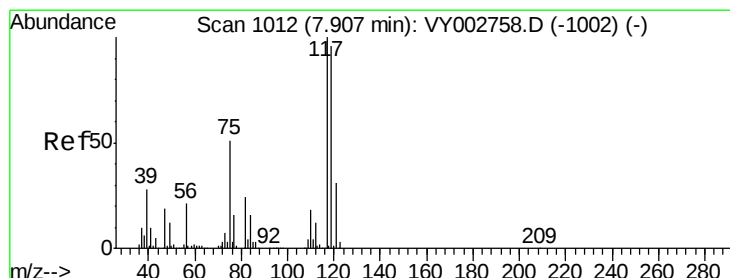
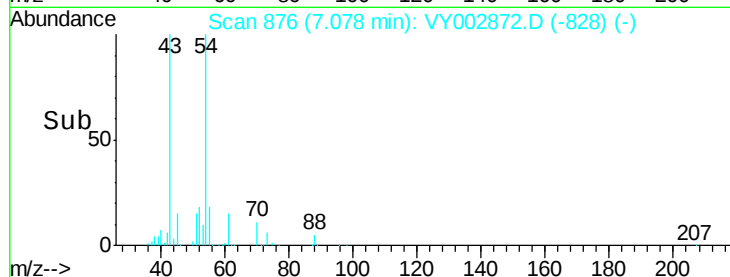
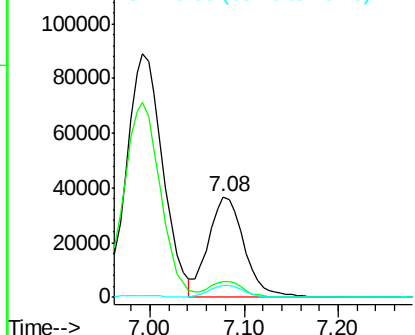
#37
Ethyl Acetate
Concen: 49.71 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 97213
Ion Ratio Lower Upper
43 100
61 15.7 11.9 17.9
70 11.5 9.1 13.7

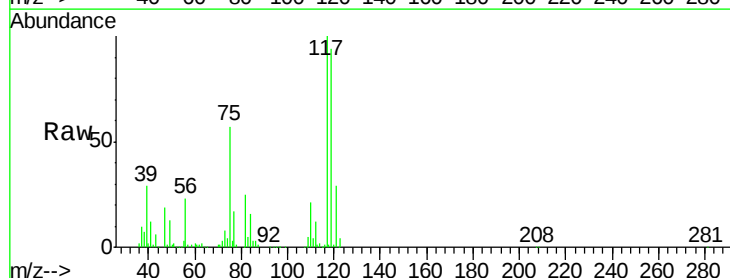


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

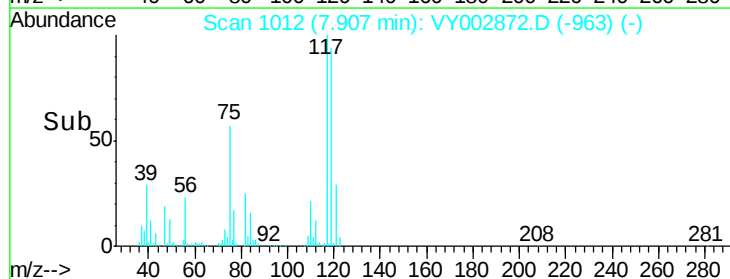
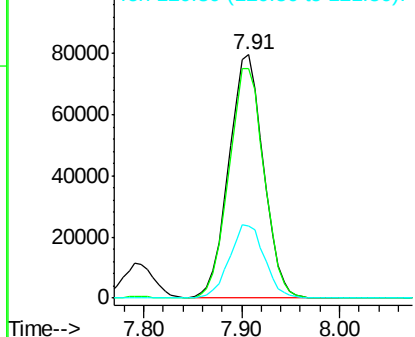


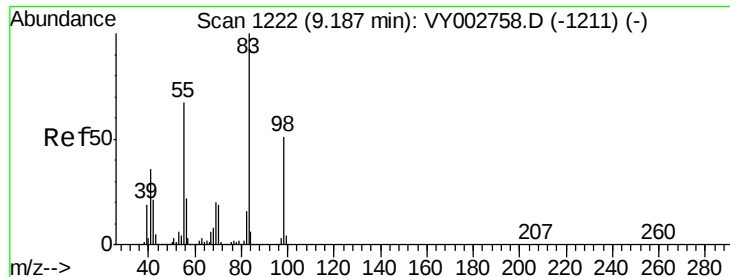
#38
Carbon Tetrachloride
Concen: 49.02 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion: 117 Resp: 195734
Ion Ratio Lower Upper
117 100
119 94.3 76.8 115.2
121 29.4 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

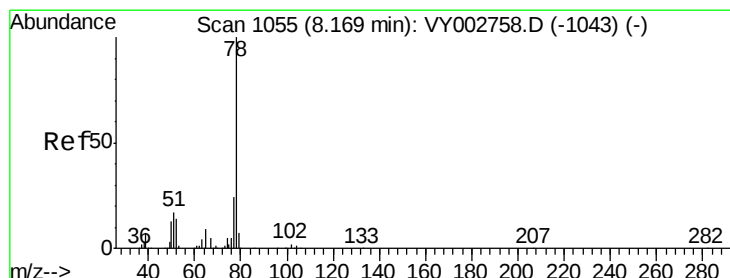
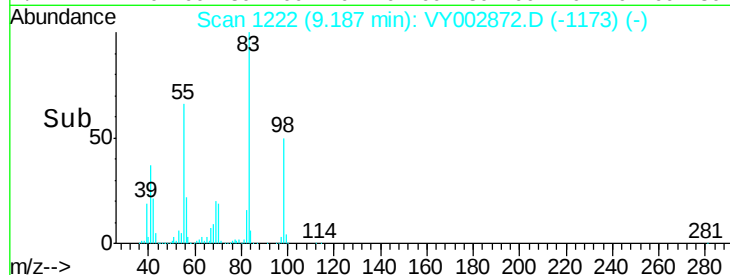
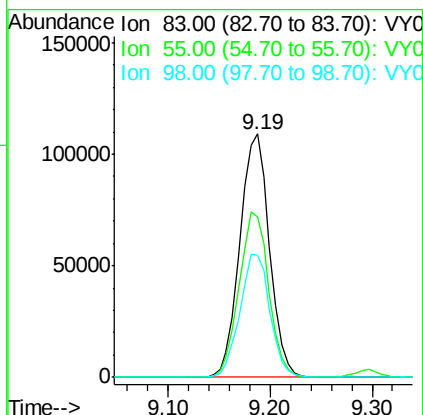
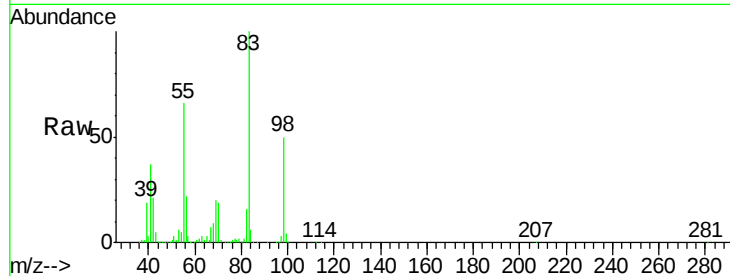




#39
Methylcyclohexane
Concen: 46.30 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

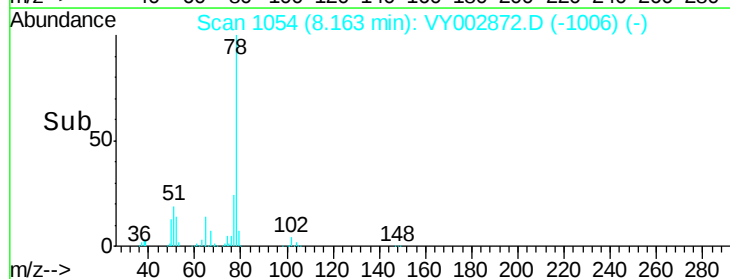
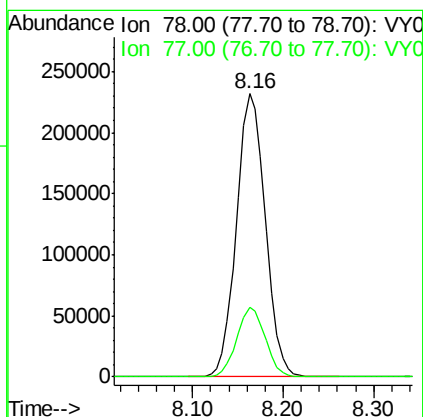
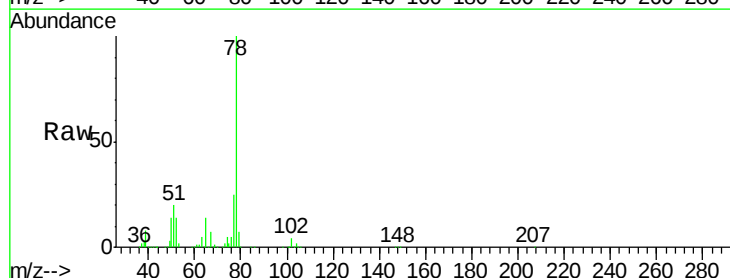
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

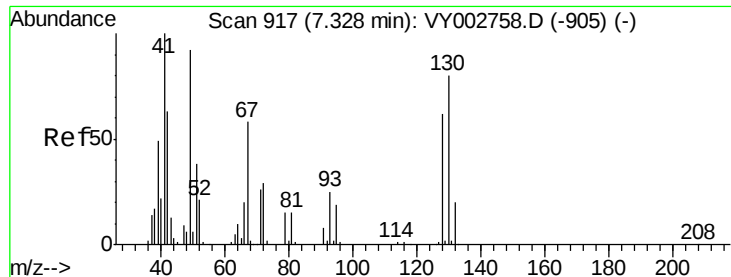
Tgt Ion: 83 Resp: 219355
Ion Ratio Lower Upper
83 100
55 65.7 53.3 79.9
98 49.9 41.1 61.7



#40
Benzene
Concen: 48.02 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion: 78 Resp: 510065
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2

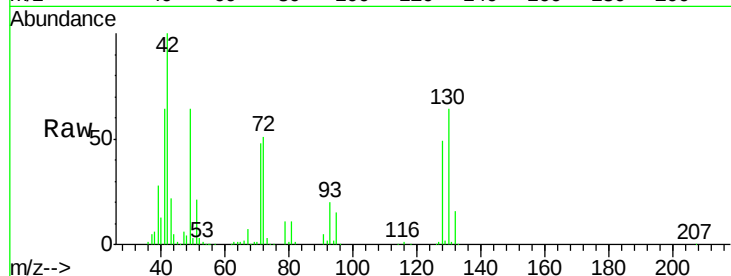




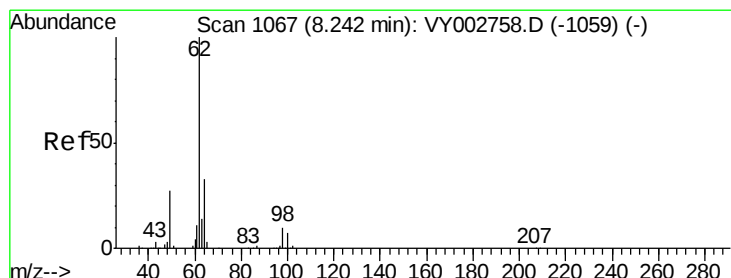
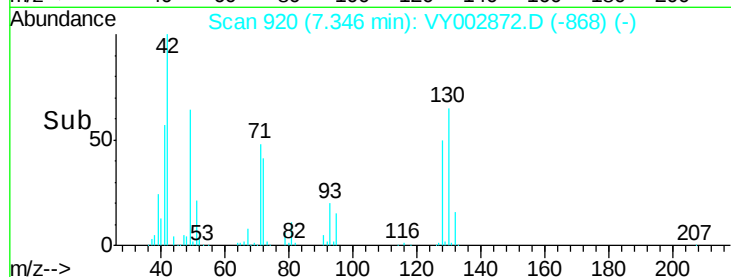
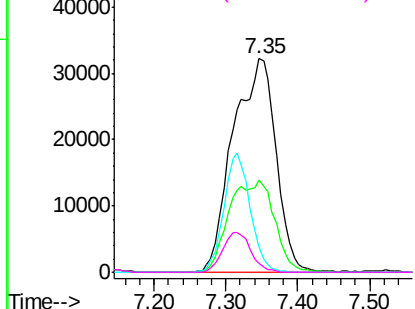
#41
Methacrylonitrile
Concen: 126.99 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	133420
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

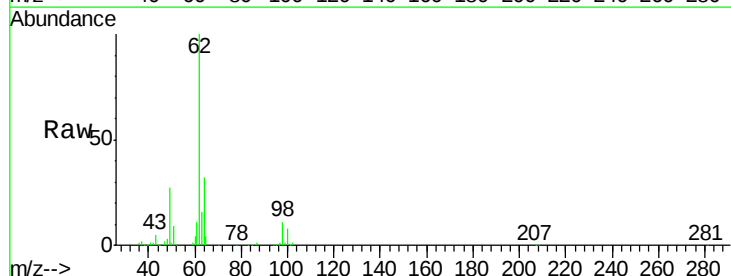


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

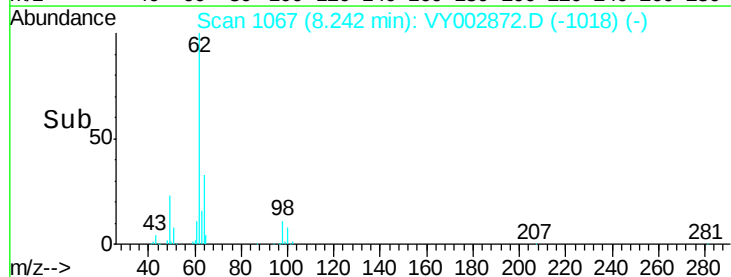
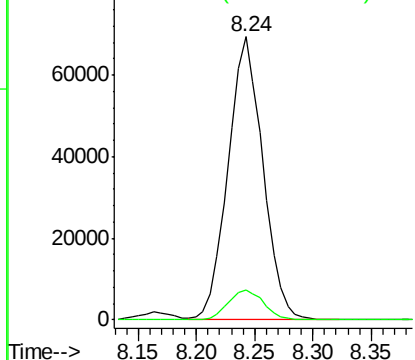


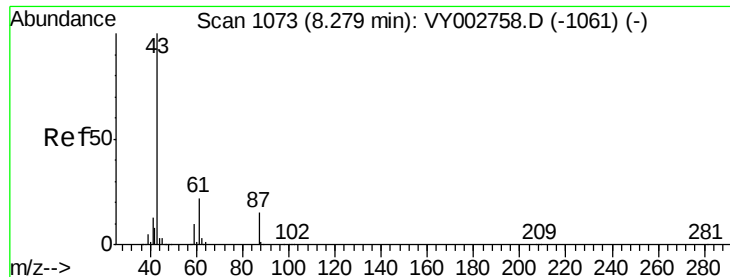
#42
1,2-Dichloroethane
Concen: 48.59 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion:	62	Resp:	144624
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 49.12 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

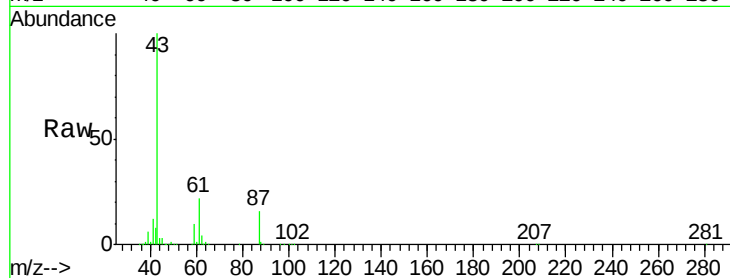
Tgt Ion: 43 Resp: 182051

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

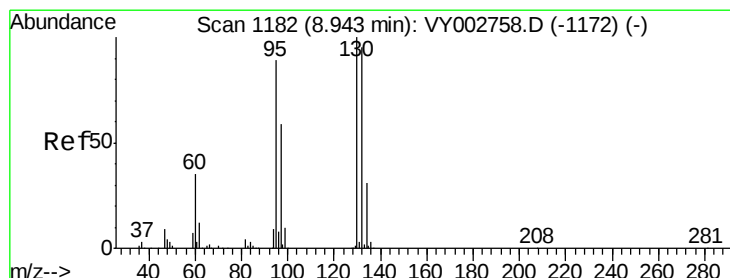
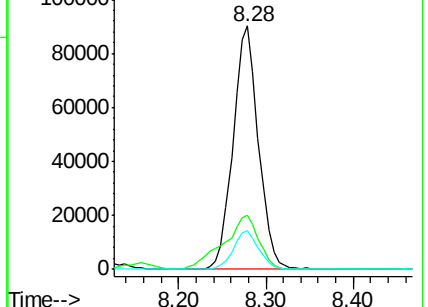
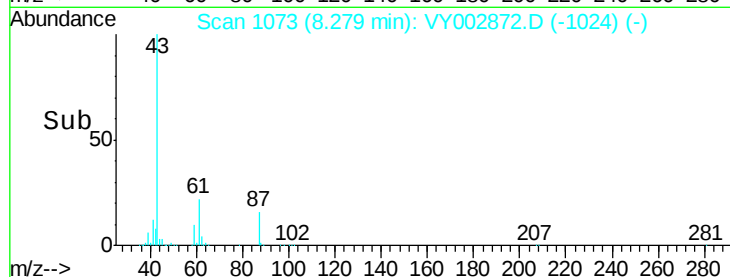
87 15.8 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002872.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002872.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002872.D (-1024) (-)



#44

Trichloroethene

Concen: 47.48 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002872.D

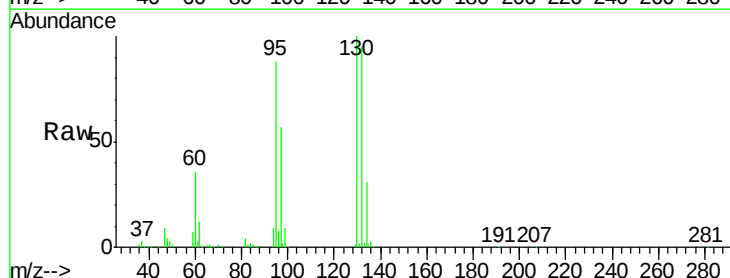
Acq: 10 Jun 2020 10:08

Tgt Ion: 130 Resp: 159296

Ion Ratio Lower Upper

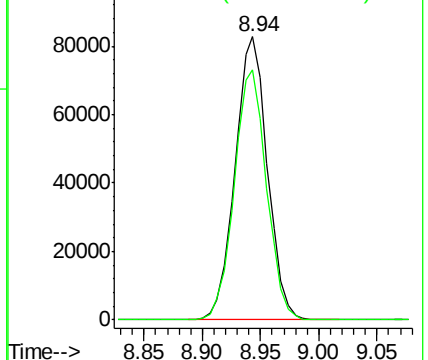
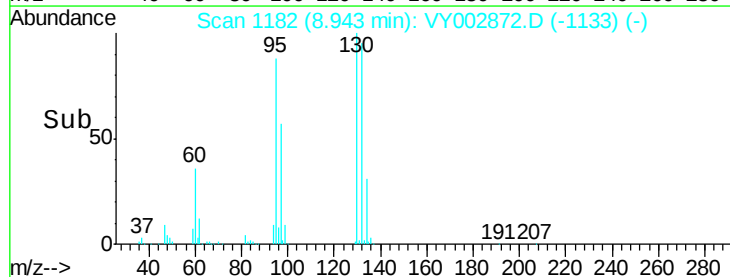
130 100

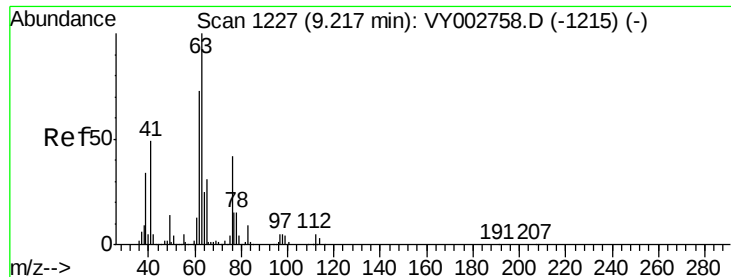
95 88.4 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002872.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002872.D (-1133) (-)

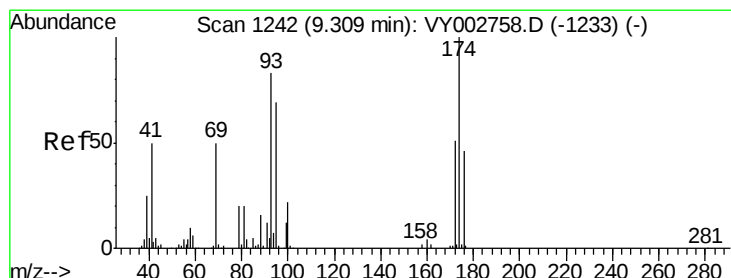
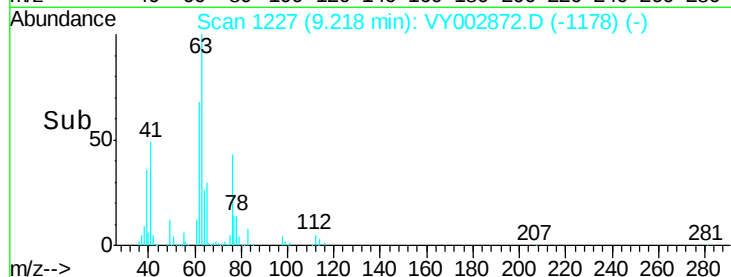
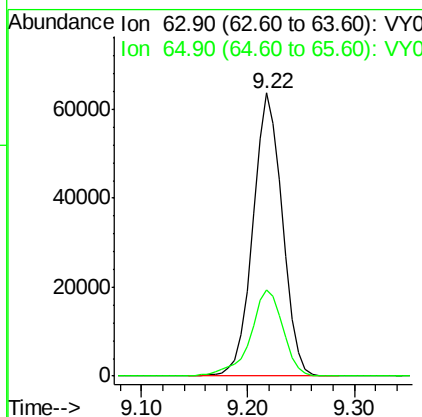
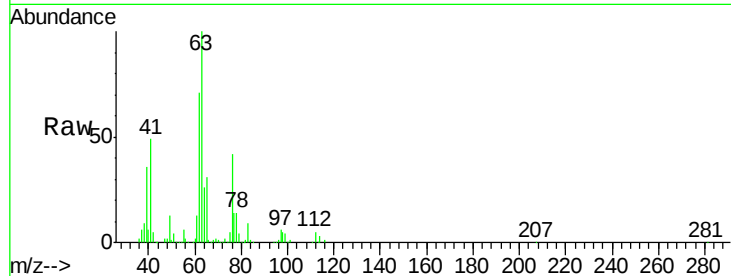




#45
 1,2-Dichloropropane
 Concen: 48.47 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

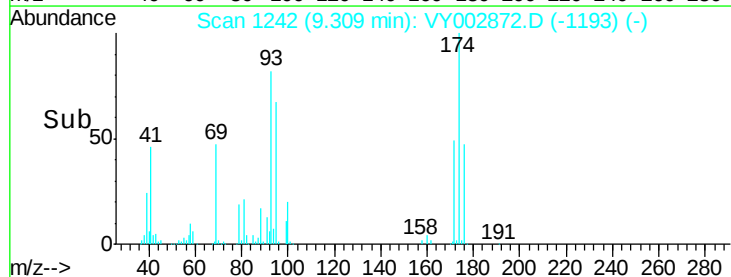
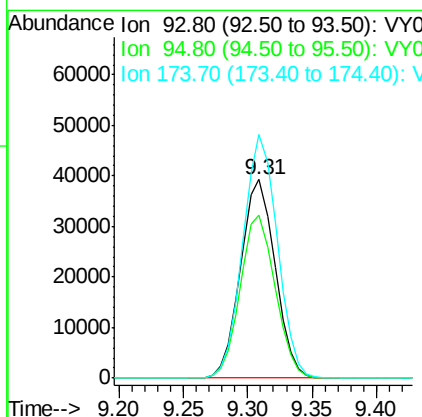
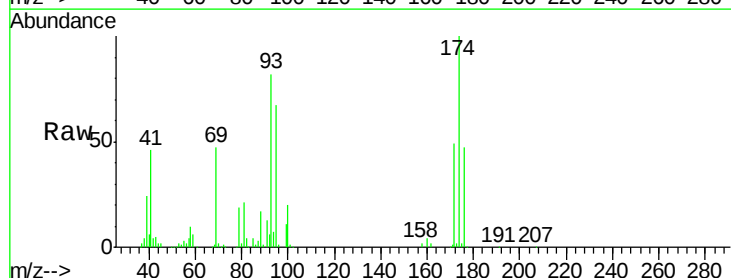
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

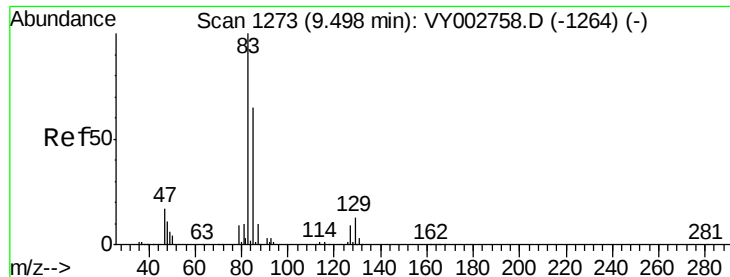
Tgt Ion: 63 Resp: 123450
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2



#46
 Dibromomethane
 Concen: 48.49 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion: 93 Resp: 73348
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.9 100.3
 174 121.6 97.7 146.5





#47

Bromodichloromethane

Concen: 49.96 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

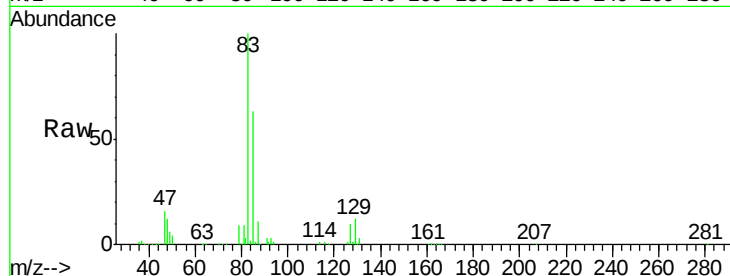
Tgt Ion: 83 Resp: 178163

Ion Ratio Lower Upper

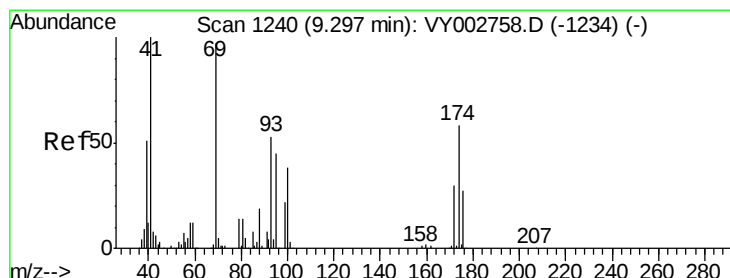
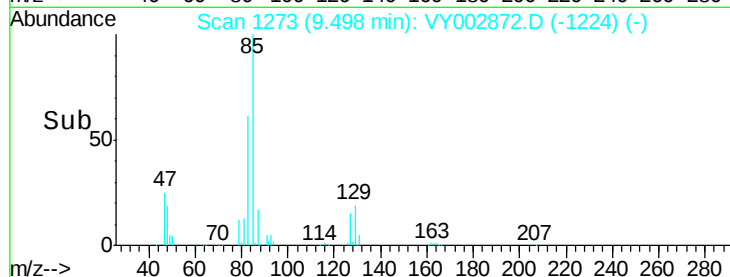
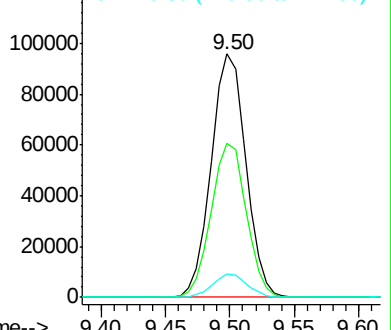
83 100

85 63.2 51.9 77.9

127 9.8 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 50.09 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

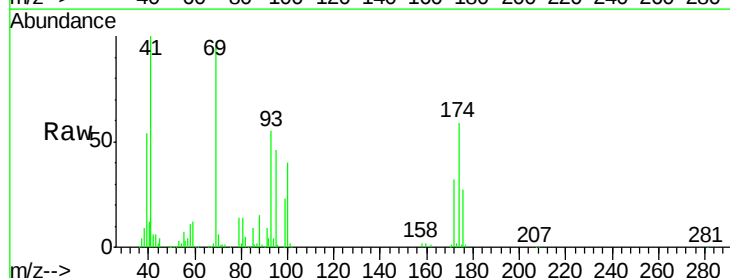
Tgt Ion: 41 Resp: 83805

Ion Ratio Lower Upper

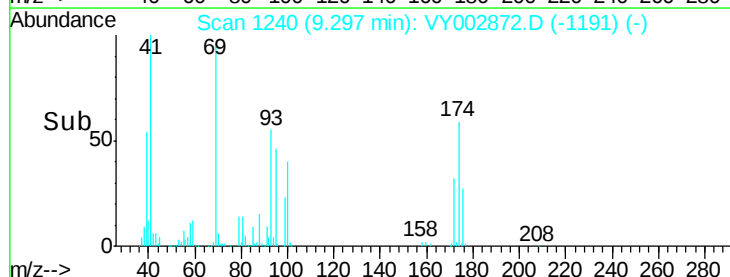
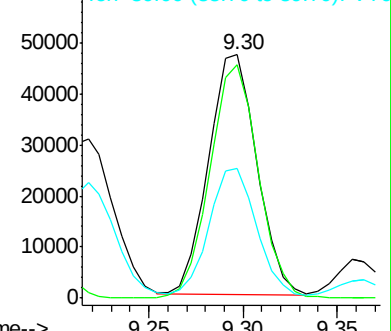
41 100

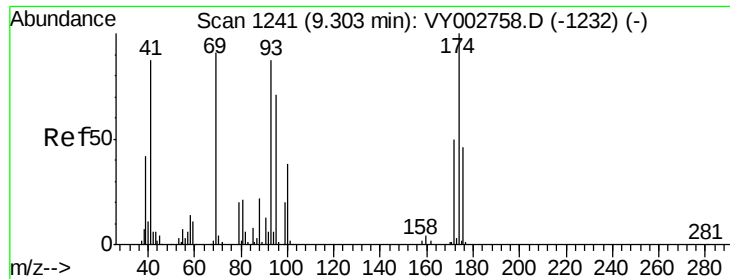
69 97.2 79.7 119.5

39 51.5 43.3 64.9



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

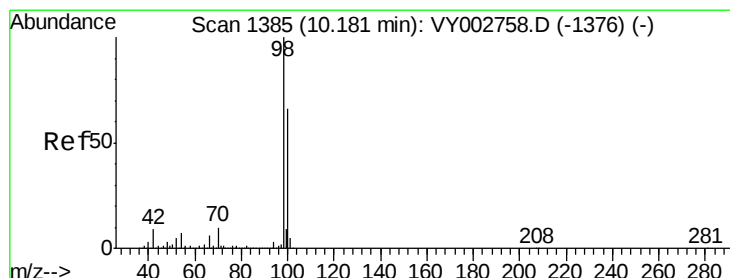
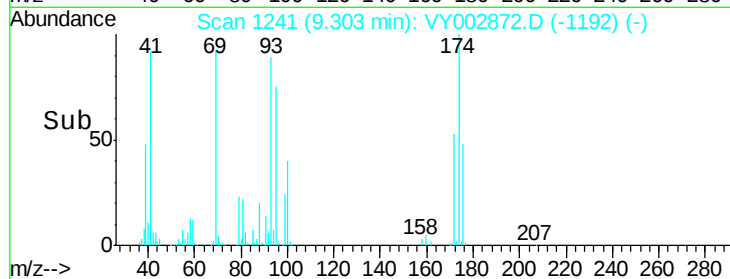
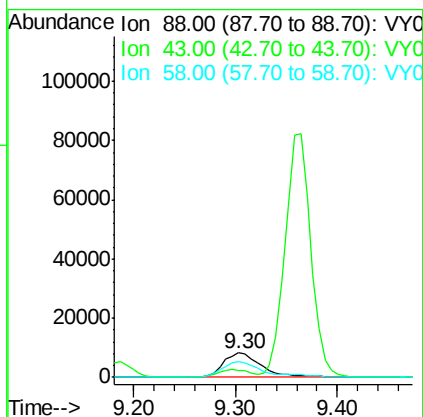
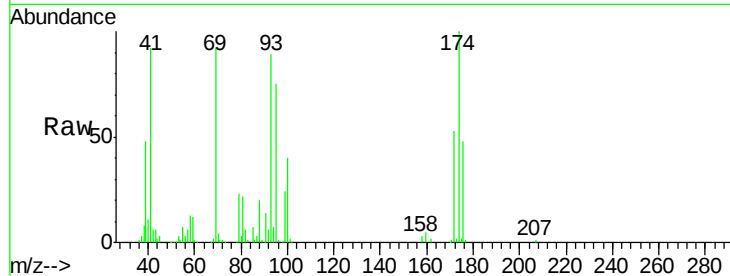




#49
1,4-Dioxane
Concen: 926.91 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

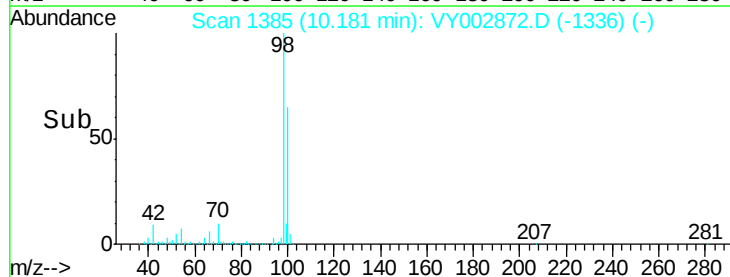
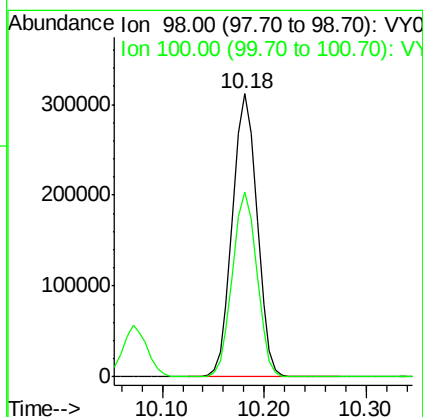
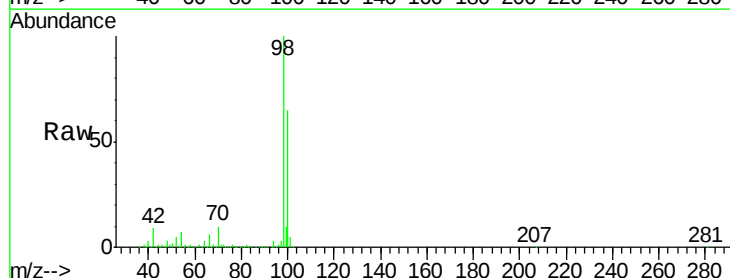
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

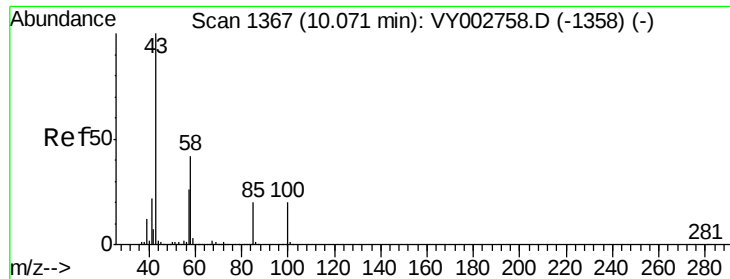
Tgt Ion: 88 Resp: 21529
Ion Ratio Lower Upper
88 100
43 26.5 21.3 31.9
58 69.4 52.2 78.2



#50
Toluene-d8
Concen: 51.47 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion: 98 Resp: 520462
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

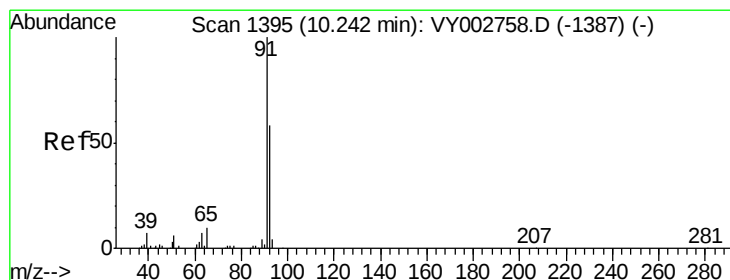
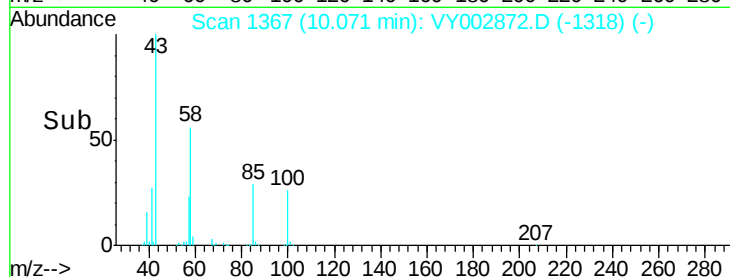
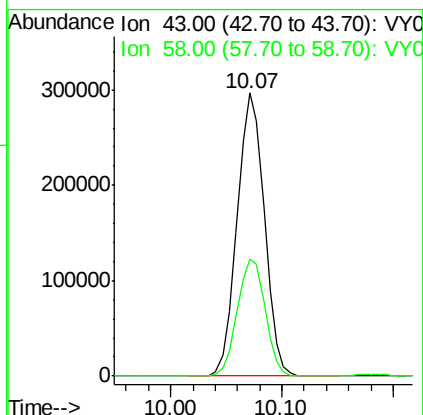
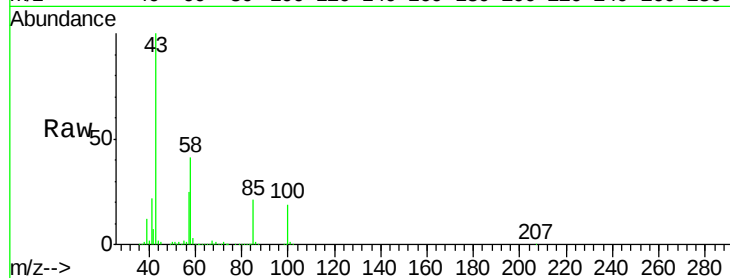




#51
 4-Methyl-2-Pentanone
 Concen: 255.99 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

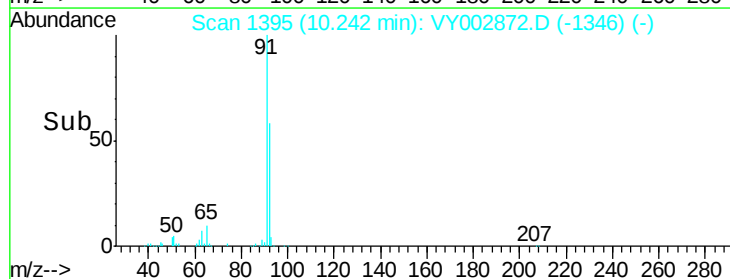
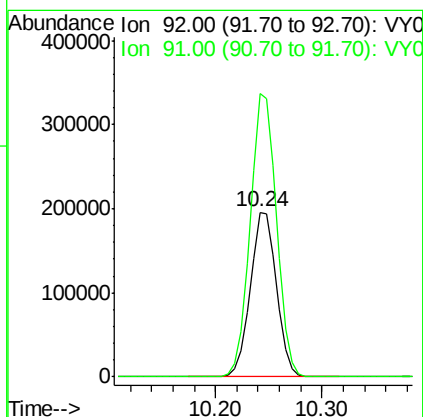
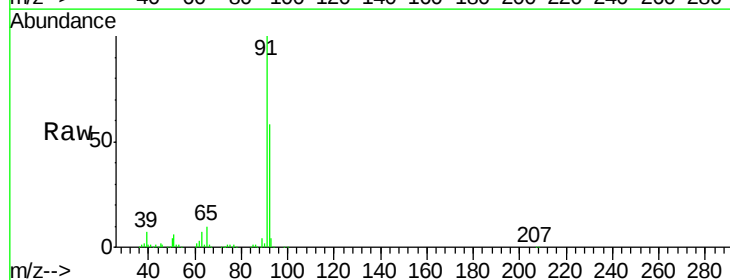
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

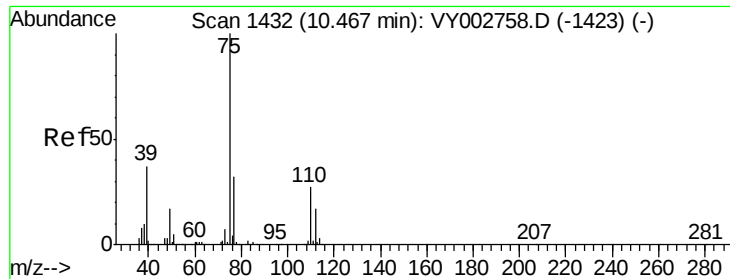
Tgt Ion: 43 Resp: 502362
 Ion Ratio Lower Upper
 43 100
 58 42.3 34.2 51.2



#52
 Toluene
 Concen: 48.45 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion: 92 Resp: 336663
 Ion Ratio Lower Upper
 92 100
 91 173.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.66 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

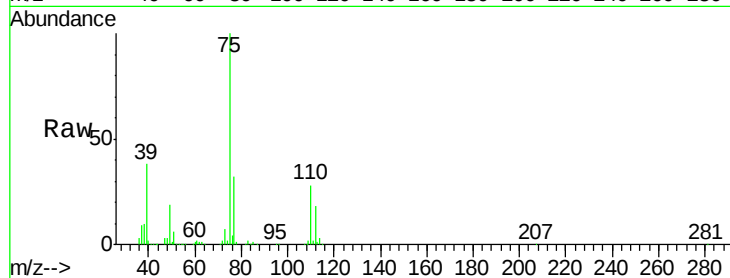
VSTDCCC050

Tgt Ion: 75 Resp: 193417

Ion Ratio Lower Upper

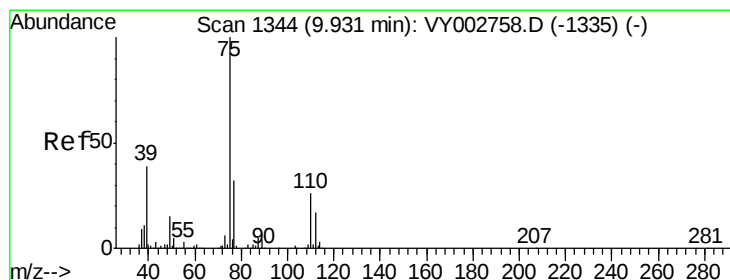
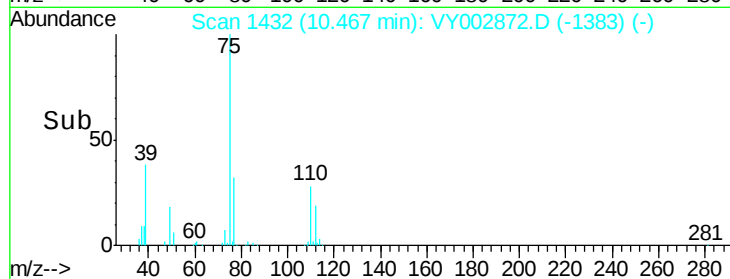
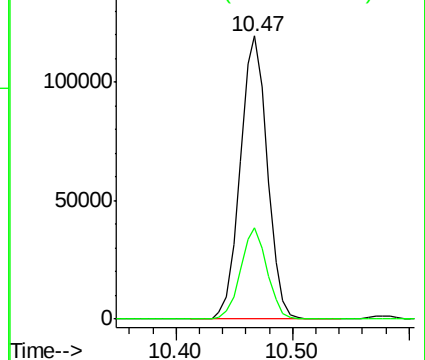
75 100

77 32.3 25.3 37.9



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: 49.54 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

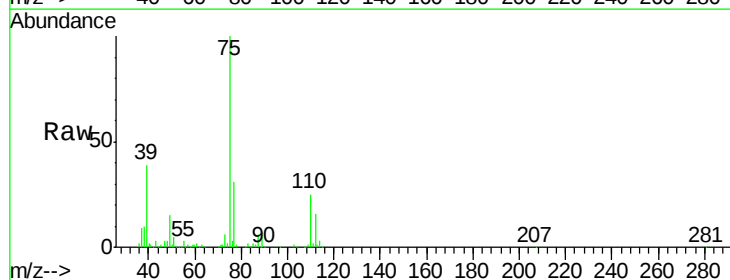
Tgt Ion: 75 Resp: 218639

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

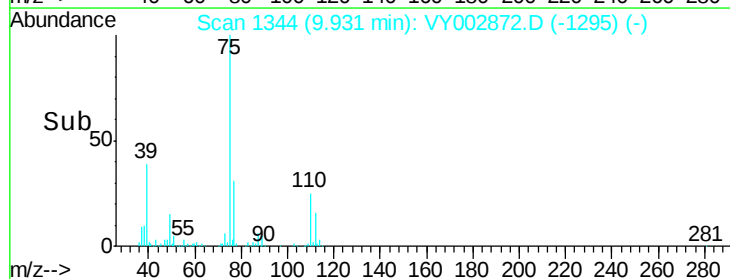
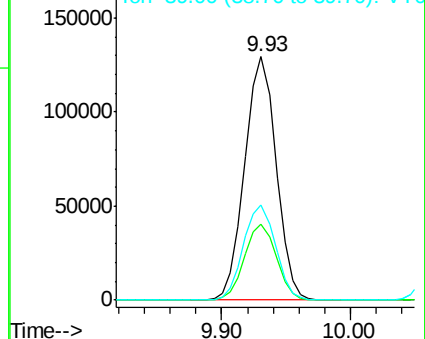
39 38.8 31.3 46.9

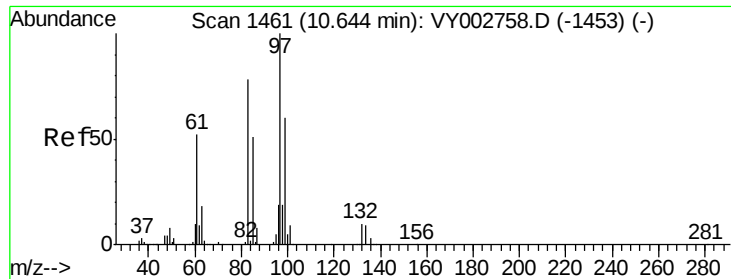


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

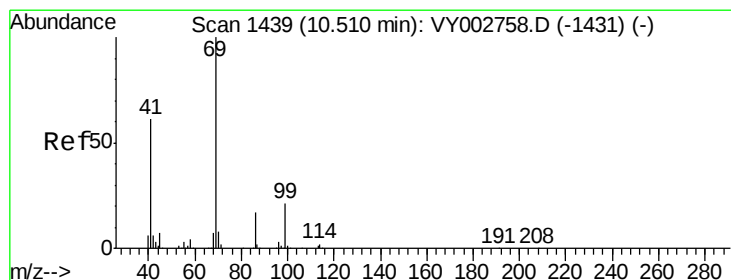
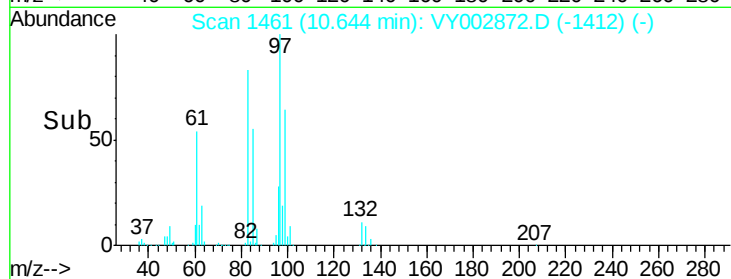
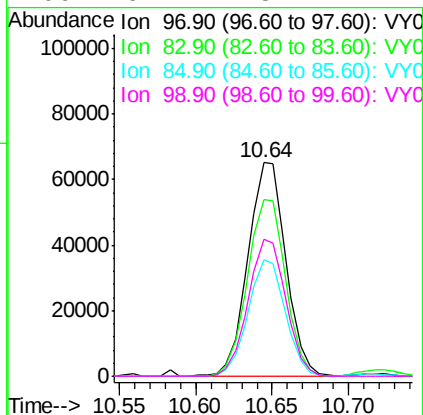
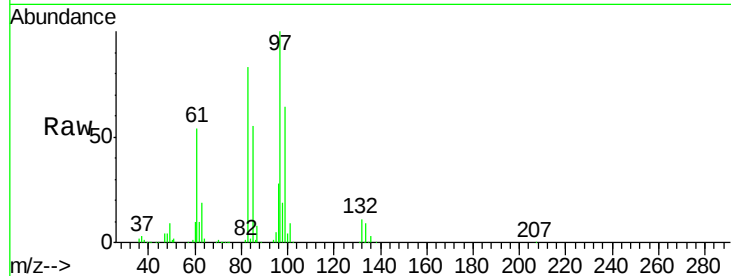




#55
 1,1,2-Trichloroethane
 Concen: 48.54 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

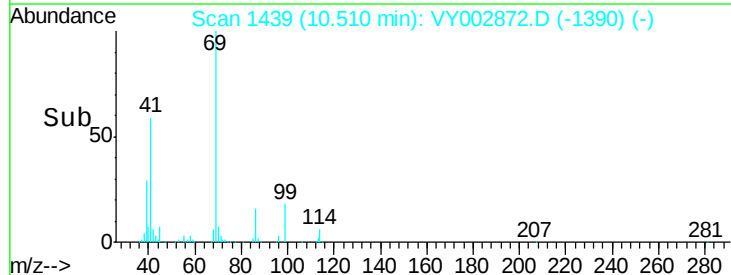
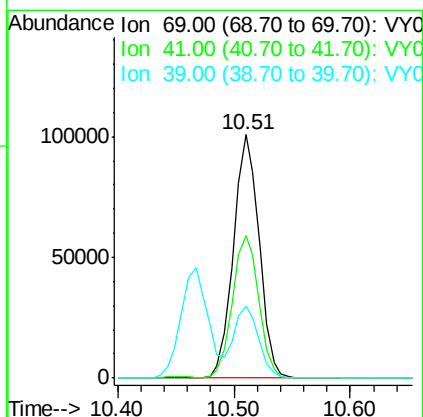
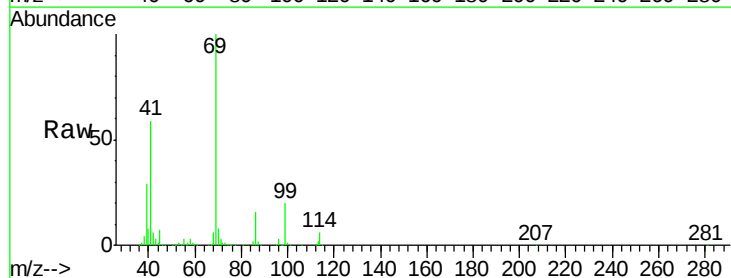
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	112411
Ion	Ratio	Lower	Upper
97	100		
83	82.6	62.7	94.1
85	54.6	40.6	60.8
99	64.2	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 49.95 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion:	69	Resp:	154952
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.0	70.4
39	28.0	22.0	33.0





#57

1,3-Dichloropropane

Concen: 49.17 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

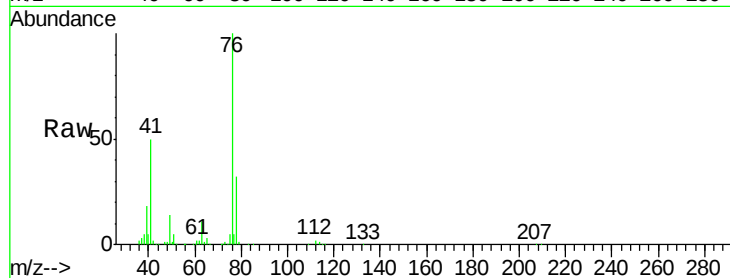
VSTDCCC050

Tgt Ion: 76 Resp: 187276

Ion Ratio Lower Upper

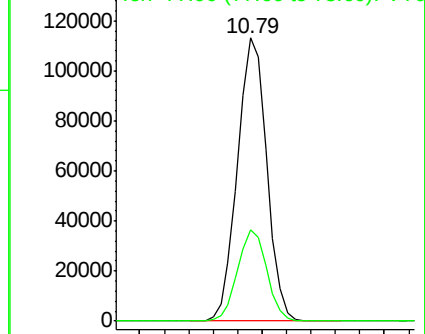
76 100

78 32.0 26.1 39.1

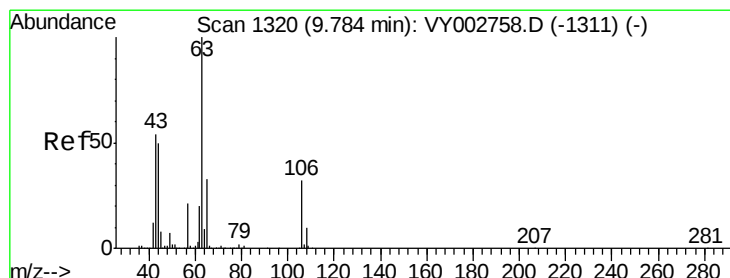
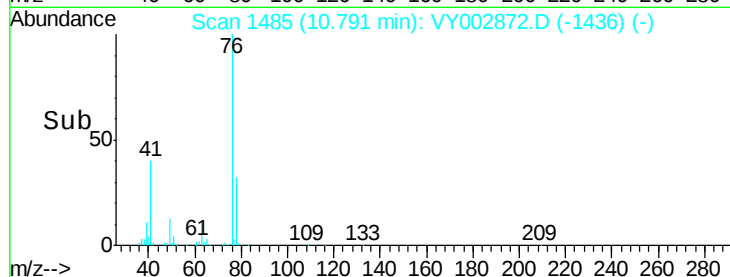


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 264.49 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002872.D

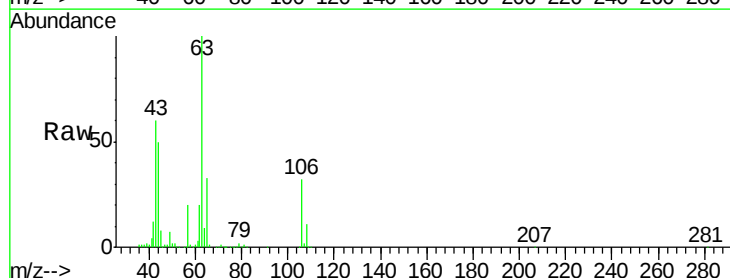
Acq: 10 Jun 2020 10:08

Tgt Ion: 63 Resp: 400883

Ion Ratio Lower Upper

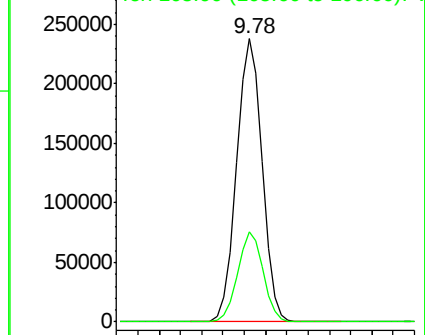
63 100

106 31.5 25.4 38.2

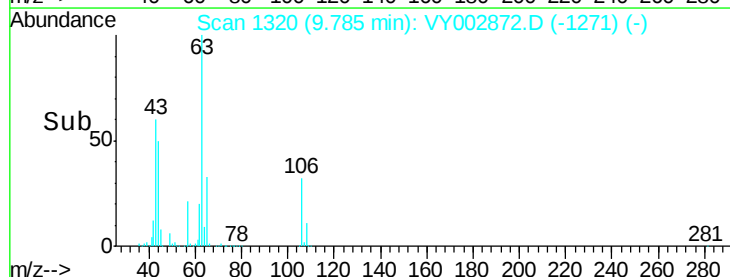


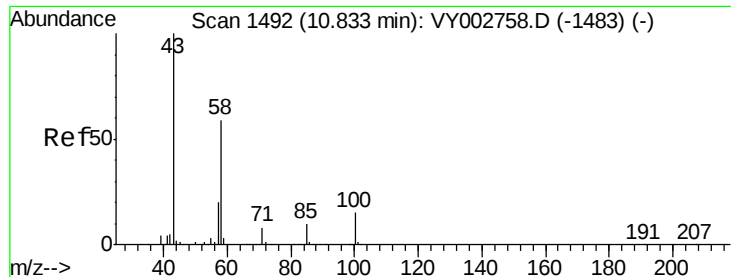
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

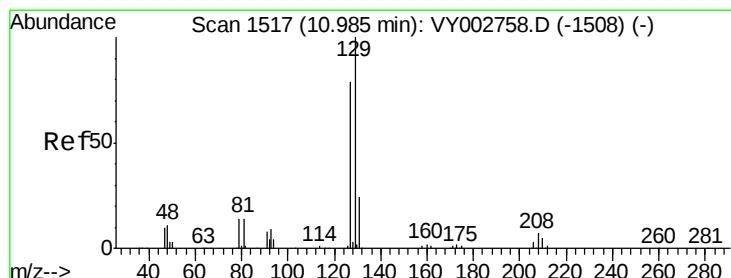
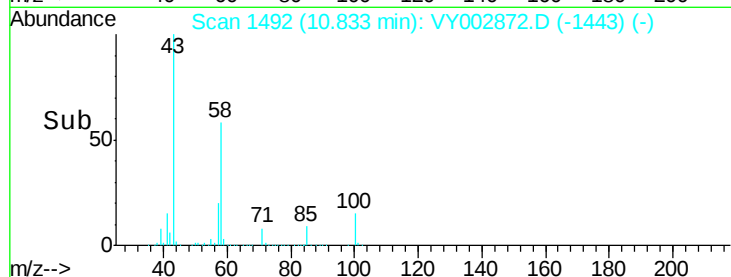
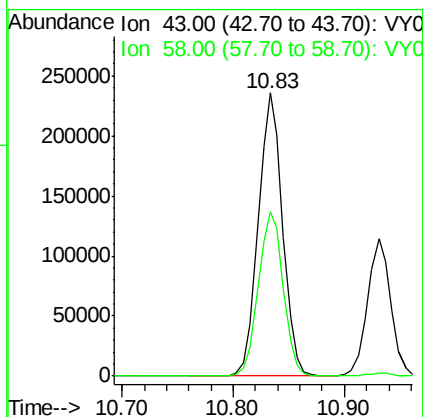
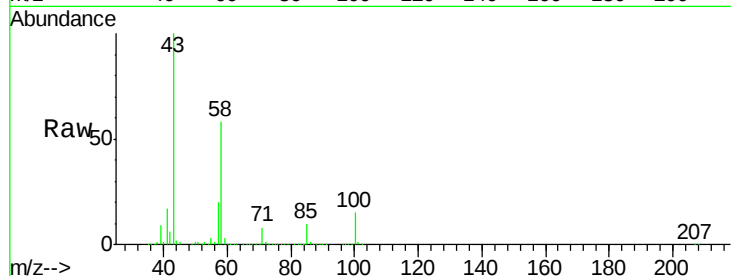




#59
2-Hexanone
Concen: 257.49 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

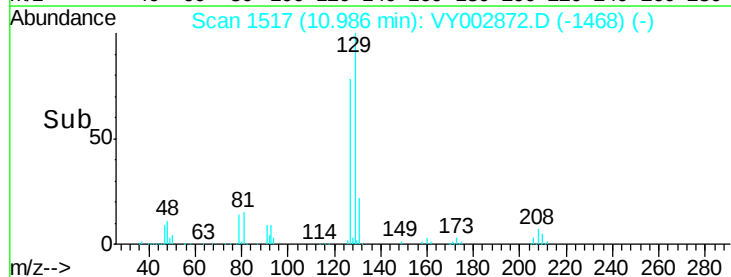
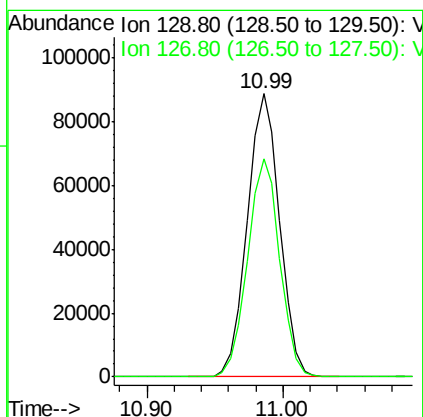
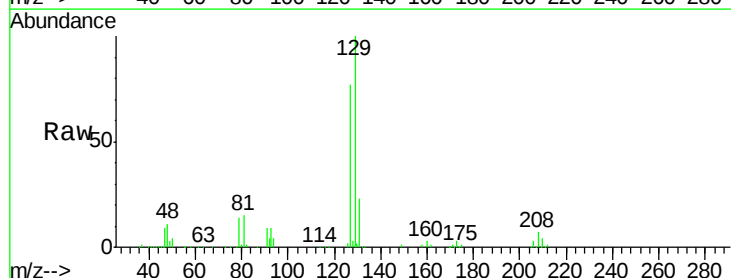
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

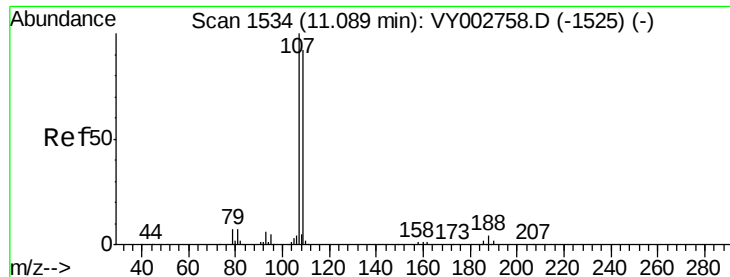
Tgt Ion: 43 Resp: 358534
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5



#60
Dibromochloromethane
Concen: 50.34 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion: 129 Resp: 147802
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.51 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

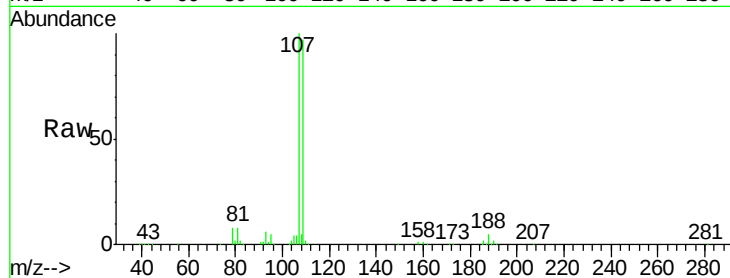
VSTDCCC050

Tgt Ion: 107 Resp: 110814

Ion Ratio Lower Upper

107 100

109 95.7 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

80000

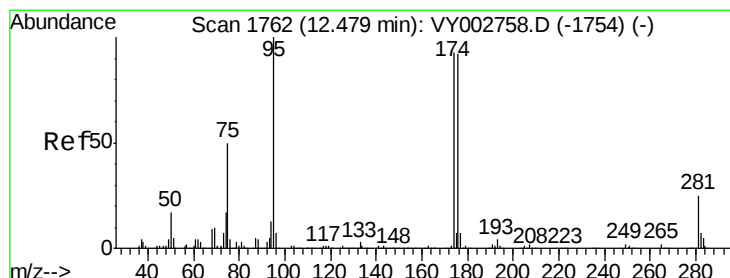
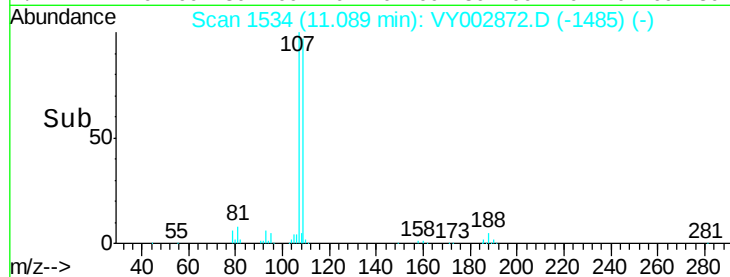
60000

40000

20000

0

Time--> 11.00 11.05 11.10 11.15



#62

4-Bromofluorobenzene

Concen: 52.77 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

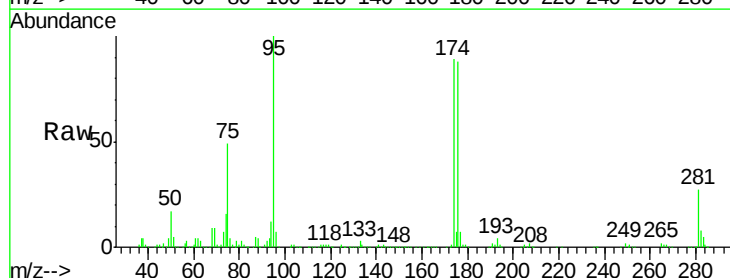
Tgt Ion: 95 Resp: 182360

Ion Ratio Lower Upper

95 100

174 96.2 0.0 191.2

176 94.0 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

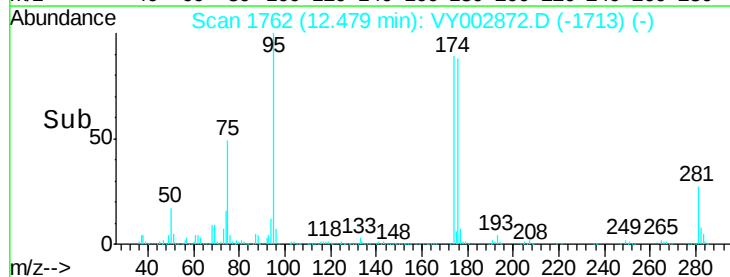
150000

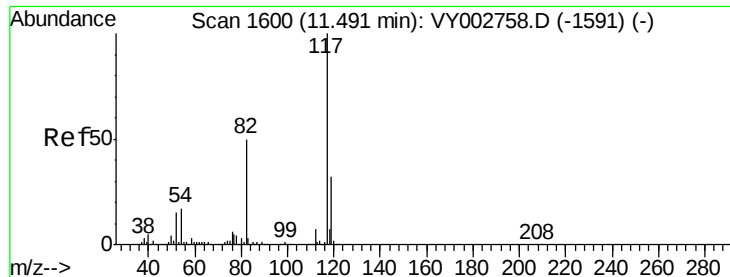
100000

50000

0

Time--> 12.40 12.45 12.50 12.55

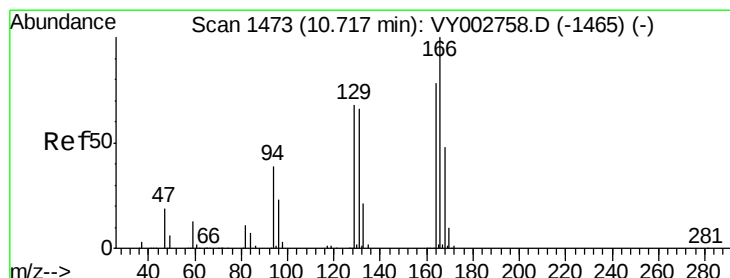
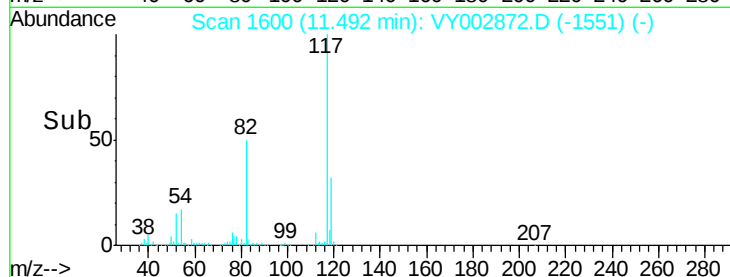
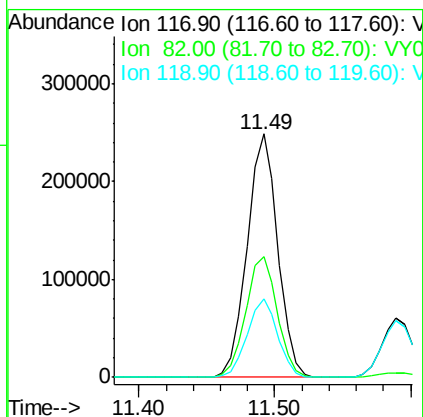
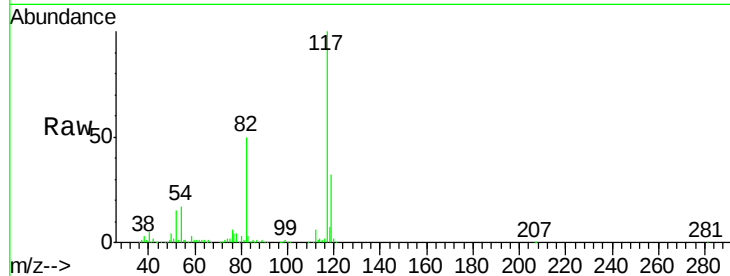




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

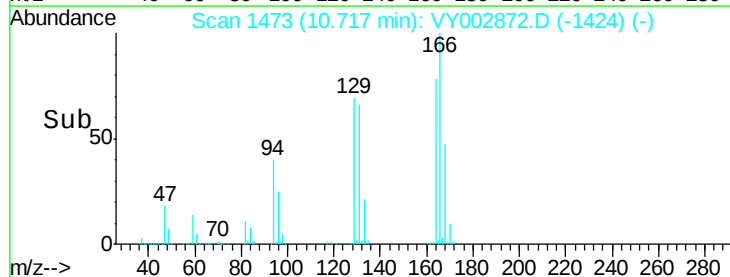
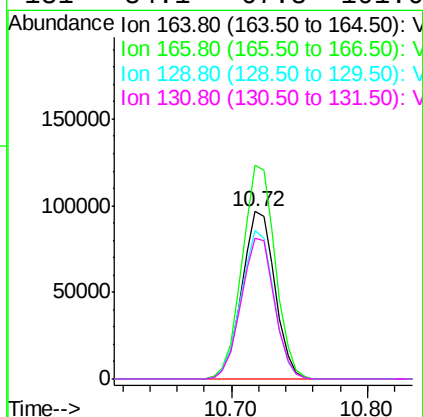
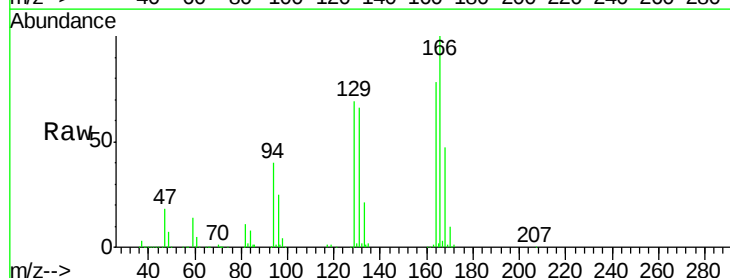
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

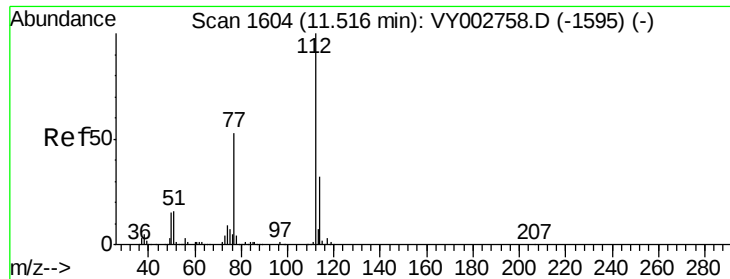
Tgt Ion:117 Resp: 392003
Ion Ratio Lower Upper
117 100
82 49.6 40.2 60.4
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 45.89 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion:164 Resp: 163484
Ion Ratio Lower Upper
164 100
166 127.8 102.3 153.5
129 88.6 69.4 104.2
131 84.1 67.8 101.6

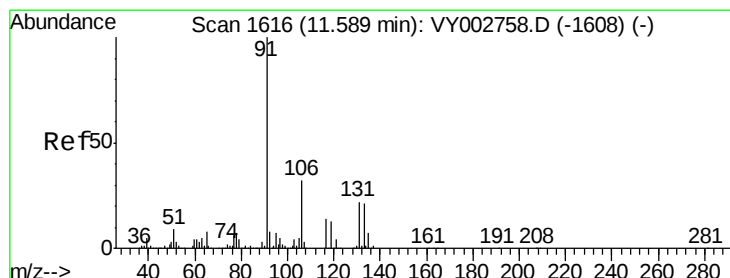
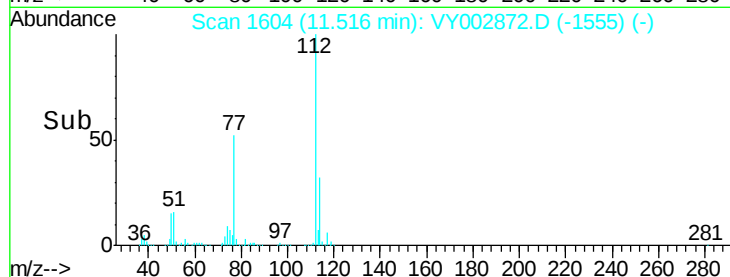
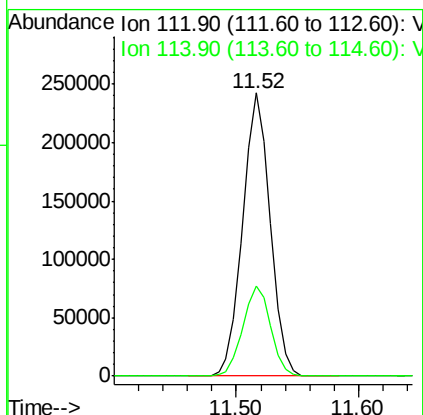
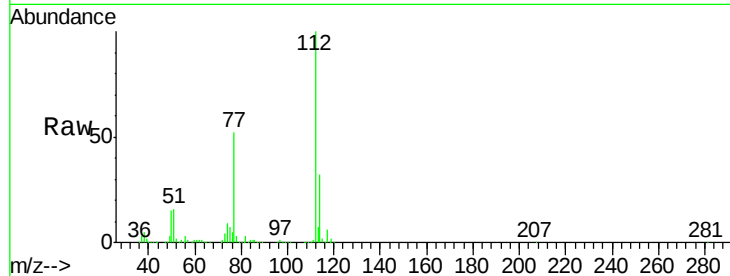




#65
Chlorobenzene
Concen: 48.73 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

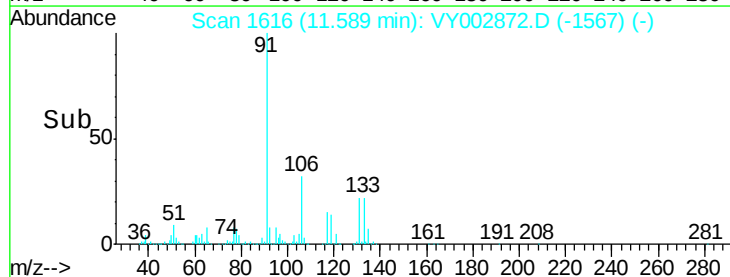
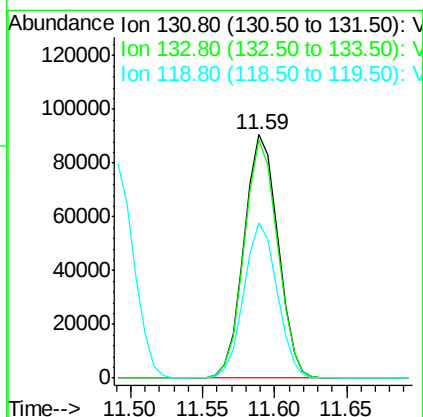
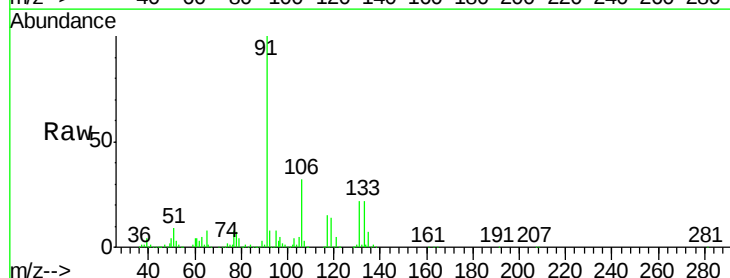
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tgt Ion:112 Resp: 377584
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.58 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion:131 Resp: 147609
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.8
119 62.7 31.7 95.1

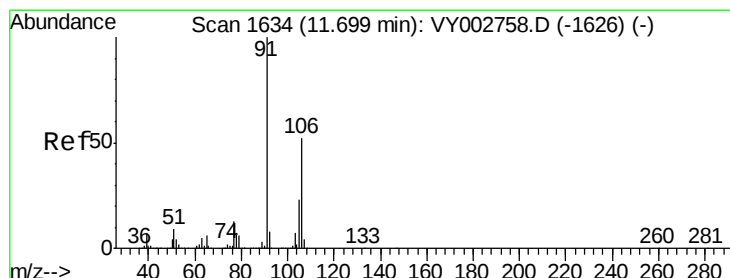
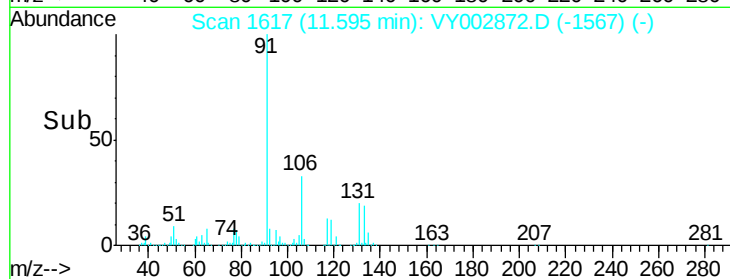
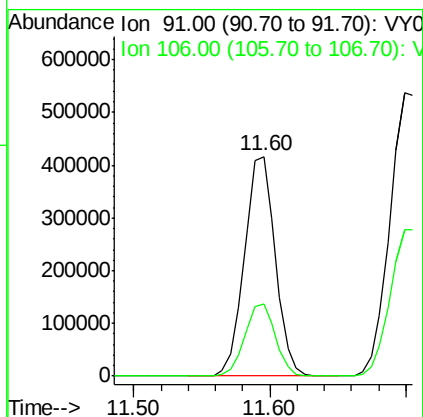
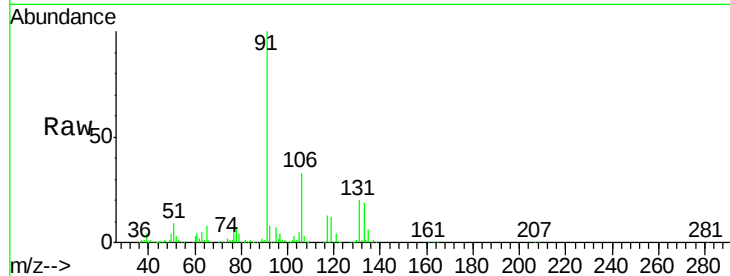




#67
Ethyl Benzene
Concen: 49.10 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

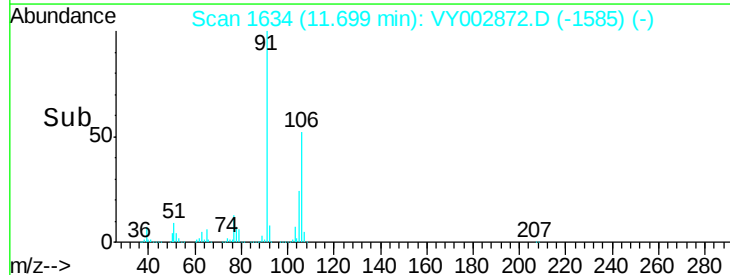
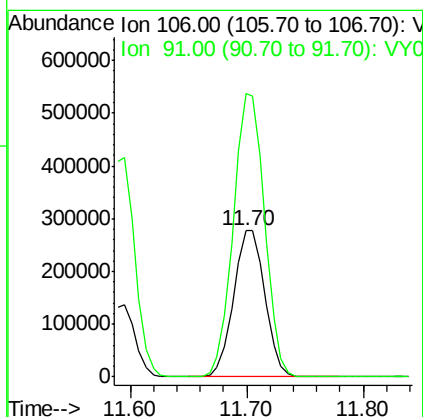
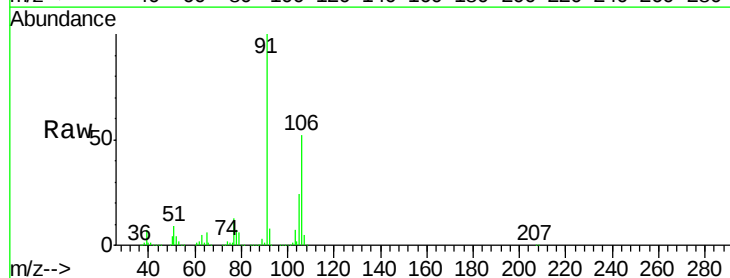
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 659561
Ion Ratio Lower Upper
91 100
106 32.6 25.7 38.5



#68
m/p-Xylenes
Concen: 99.21 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion: 106 Resp: 516692
Ion Ratio Lower Upper
106 100
91 194.3 156.0 234.0

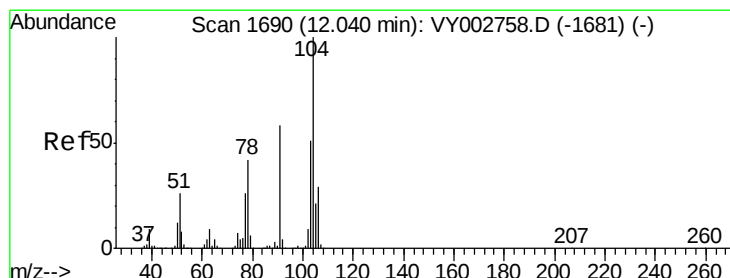
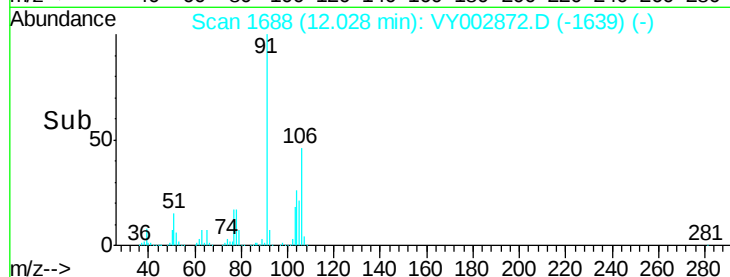
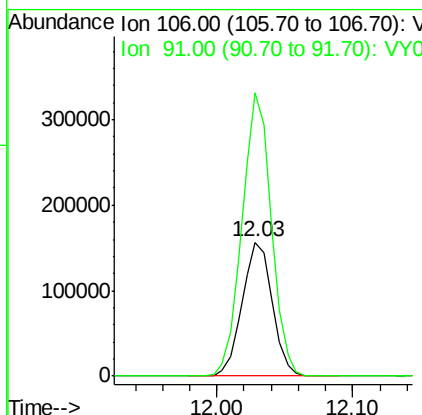
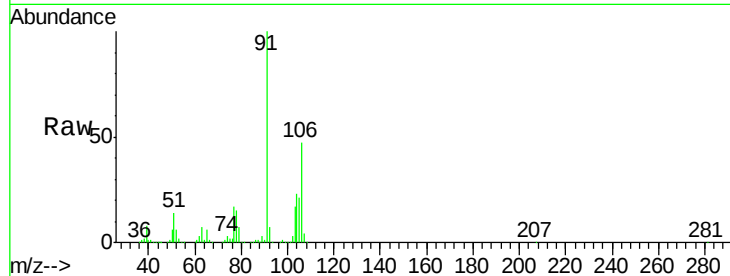




#69
o-Xylene
Concen: 49.21 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

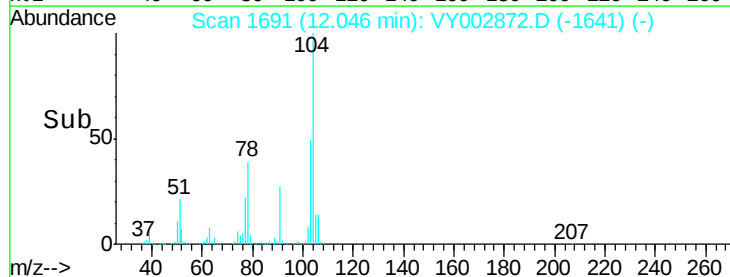
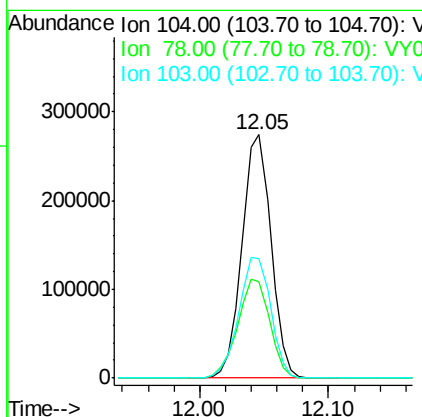
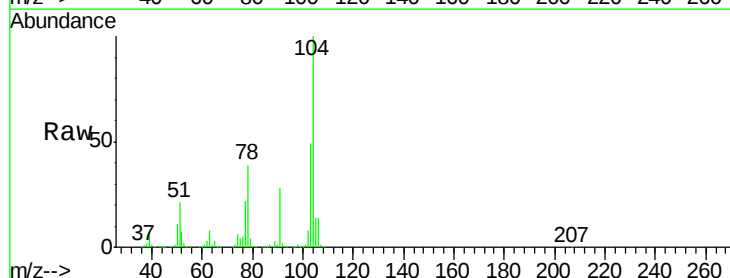
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

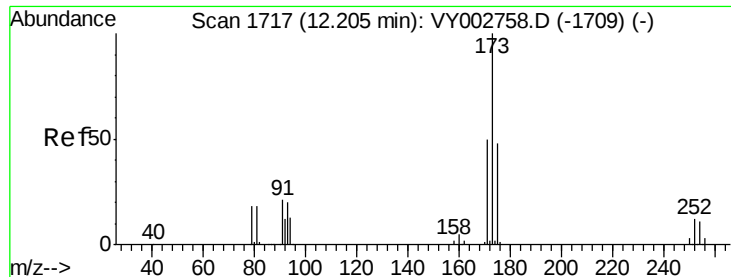
Tgt Ion:106 Resp: 241915
Ion Ratio Lower Upper
106 100
91 205.7 102.4 307.1



#70
Styrene
Concen: 50.05 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion:104 Resp: 426524
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.4
103 55.1 43.6 65.4

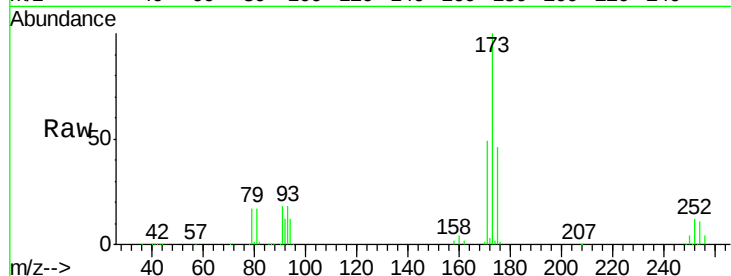




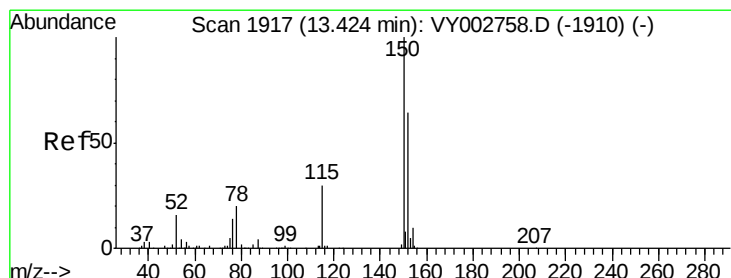
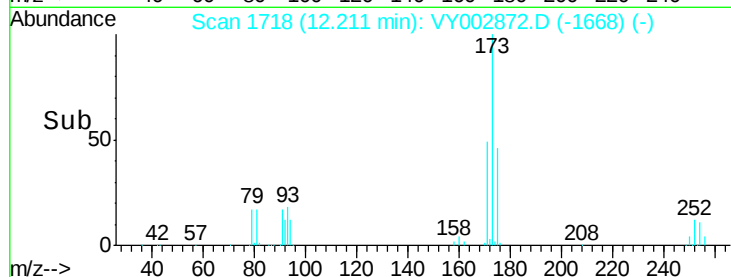
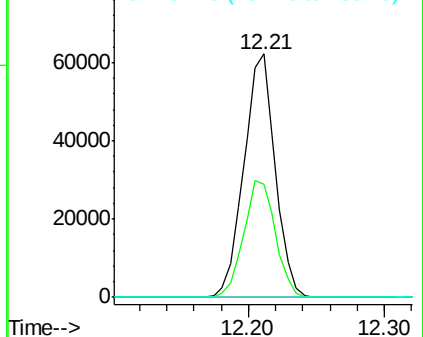
#71
Bromoform
Concen: 51.07 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 99722
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.1 0.1 0.1#

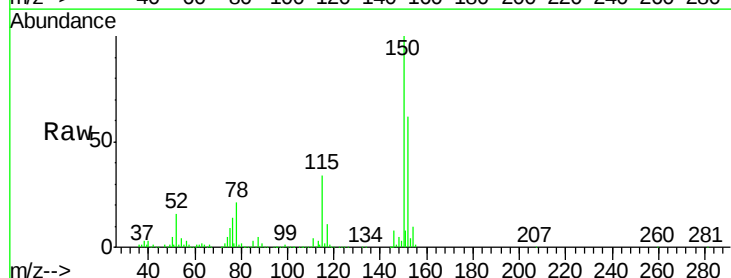


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

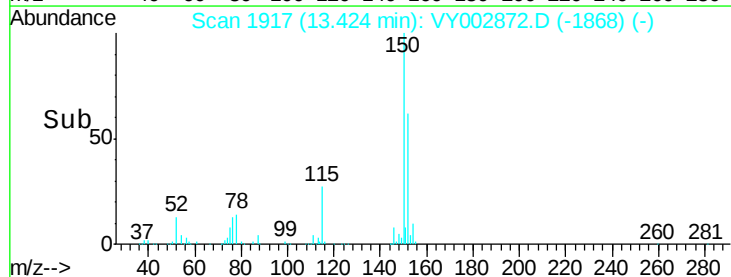
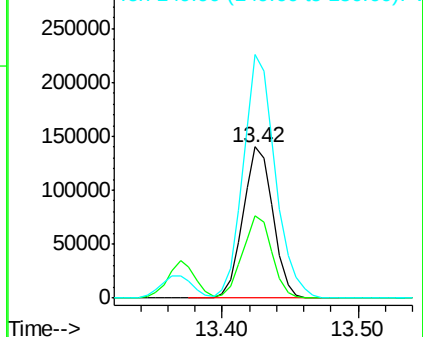


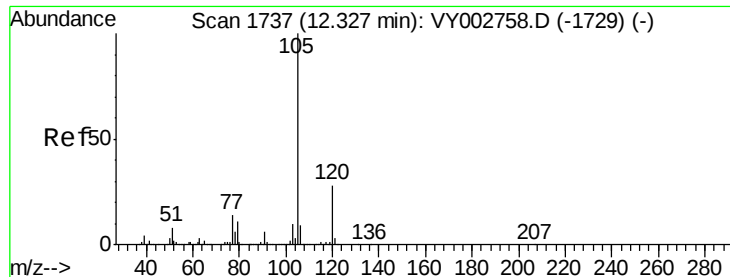
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion:152 Resp: 214817
Ion Ratio Lower Upper
152 100
115 53.9 27.0 81.0
150 172.5 0.0 344.8



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: 48.50 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

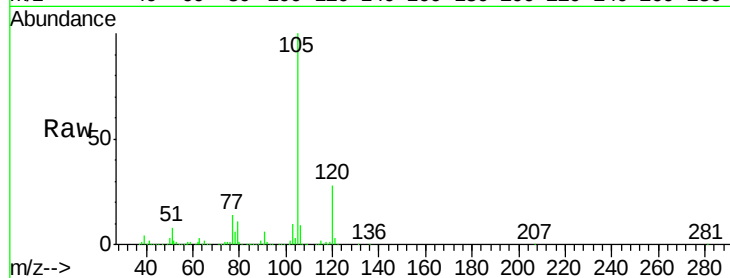
VSTDCCC050

Tgt Ion: 105 Resp: 667599

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

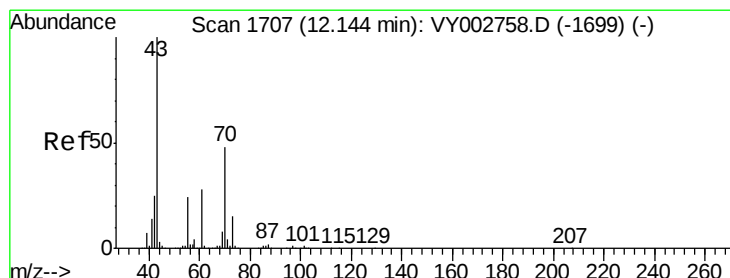
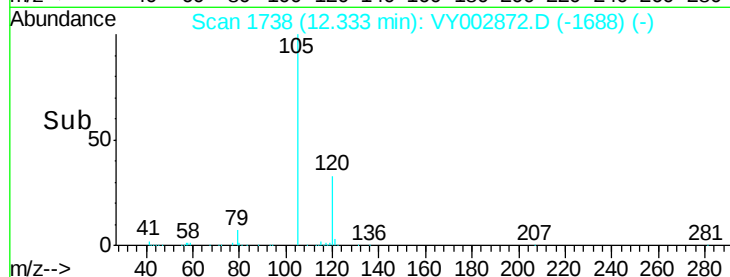
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 49.78 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Tgt Ion: 43 Resp: 175826

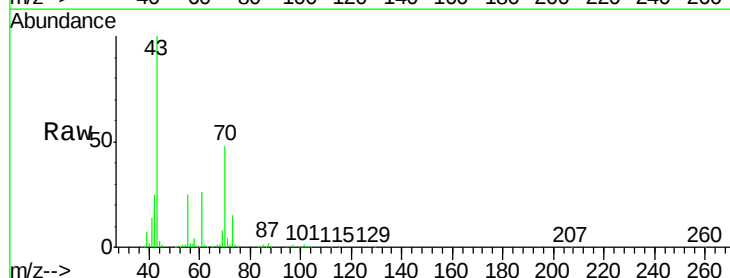
Ion Ratio Lower Upper

43 100

70 48.1 37.7 56.5

55 24.8 19.8 29.6

61 26.4 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

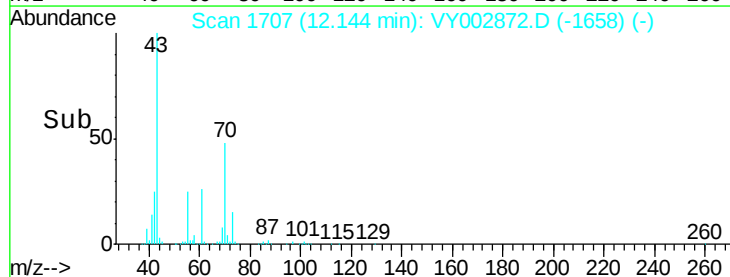
150000

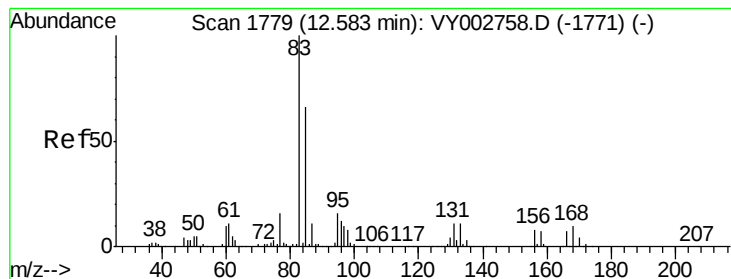
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.96 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

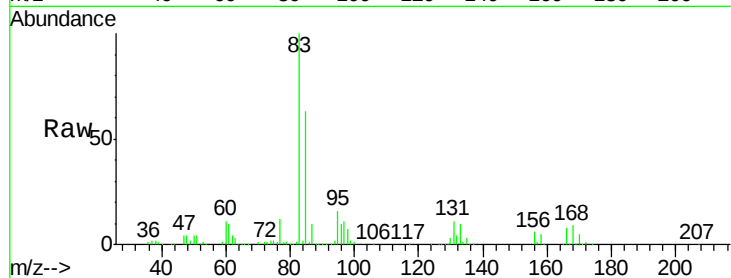
Tgt Ion: 83 Resp: 125492

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

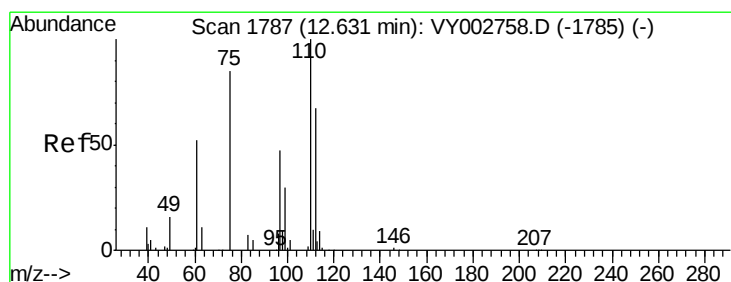
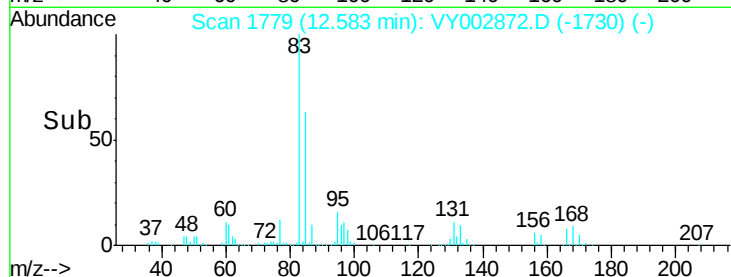
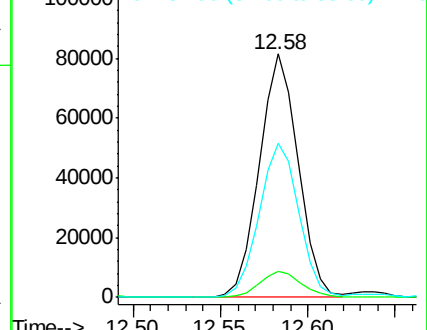
85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002872.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002872.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002872.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 93.08 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY002872.D

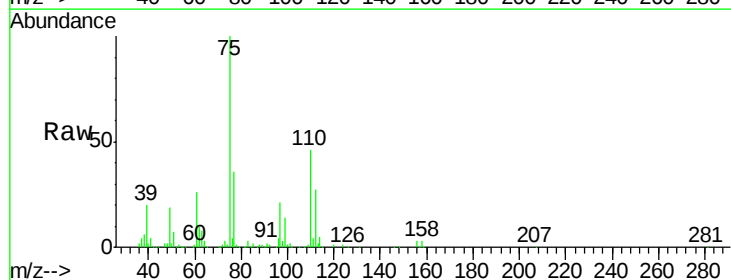
Acq: 10 Jun 2020 10:08

Tgt Ion: 75 Resp: 180174

Ion Ratio Lower Upper

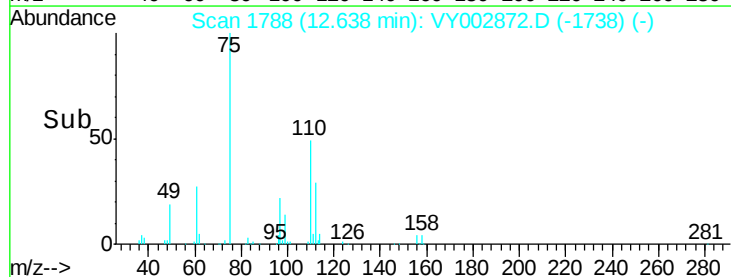
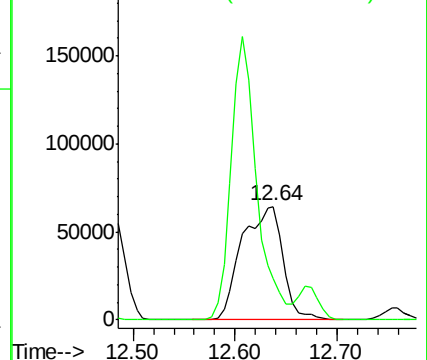
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002872.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002872.D (-1738) (-)





#77

Bromobenzene

Concen: 47.69 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

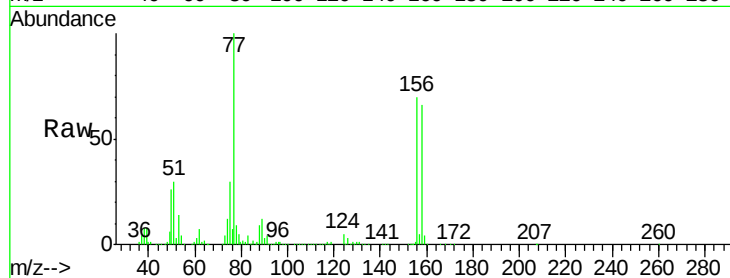
Tgt Ion: 156 Resp: 170956

Ion Ratio Lower Upper

156 100

77 165.0 81.4 244.2

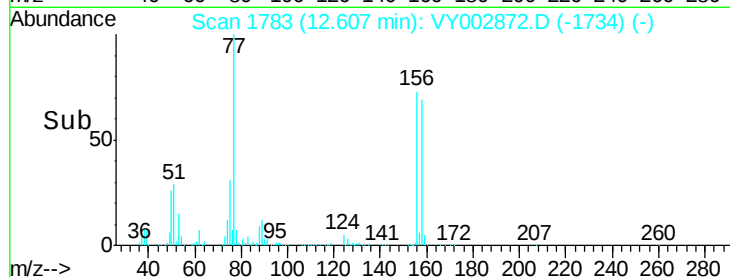
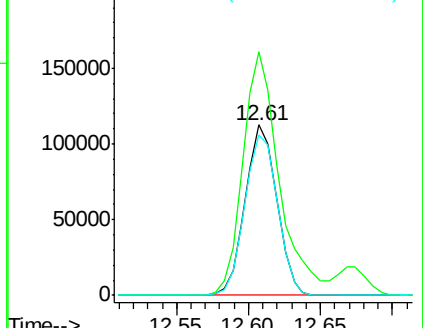
158 97.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): VY002758.D (-1775) (-)

Ion 77.00 (76.70 to 77.70): VY002758.D (-1775) (-)

Ion 157.80 (157.50 to 158.50): VY002758.D (-1775) (-)



#78

n-propylbenzene

Concen: 48.94 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002872.D

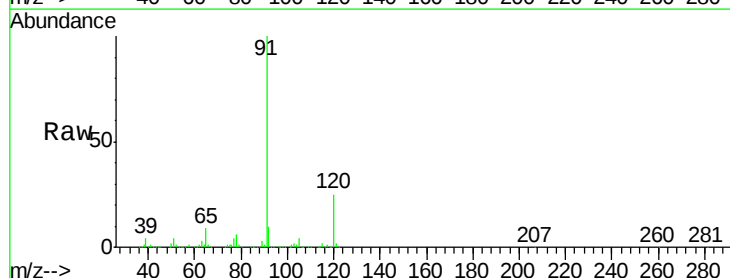
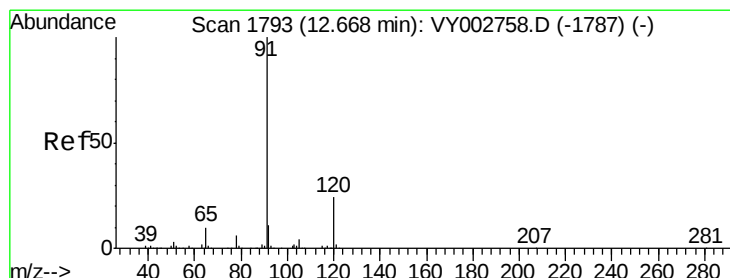
Acq: 10 Jun 2020 10:08

Tgt Ion: 91 Resp: 778292

Ion Ratio Lower Upper

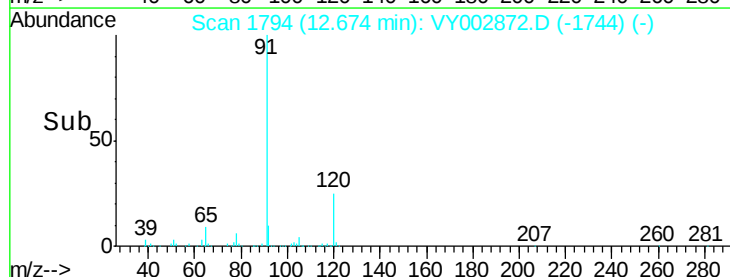
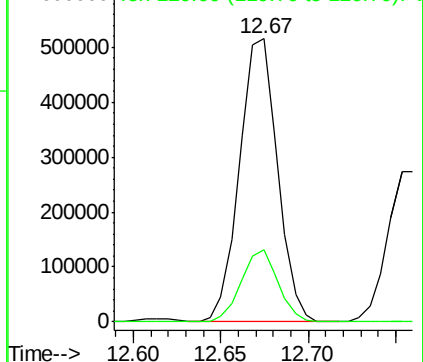
91 100

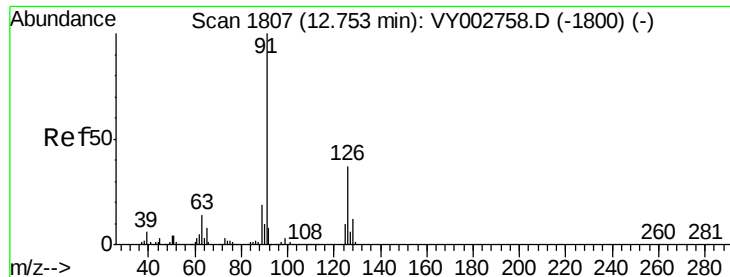
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1787) (-)





#79

2-Chlorotoluene

Concen: 48.55 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

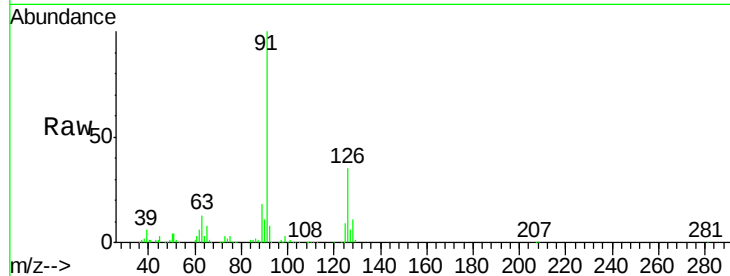
VSTDCCC050

Tgt Ion: 91 Resp: 433099

Ion Ratio Lower Upper

91 100

126 36.9 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY002758.D (-1800) (-)

400000

300000

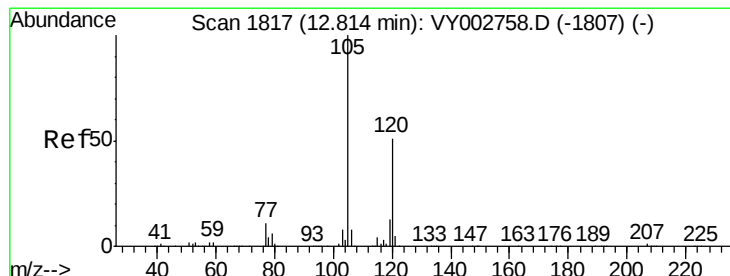
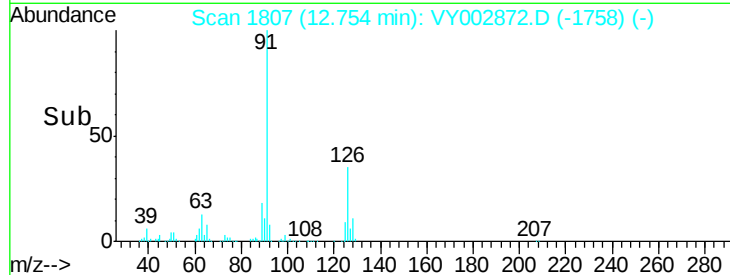
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.28 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002872.D

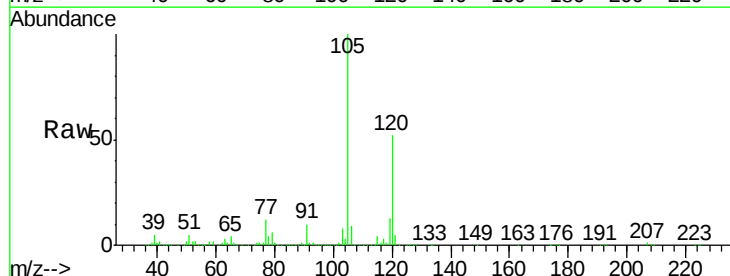
Acq: 10 Jun 2020 10:08

Tgt Ion: 105 Resp: 566403

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002758.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1807) (-)

400000

300000

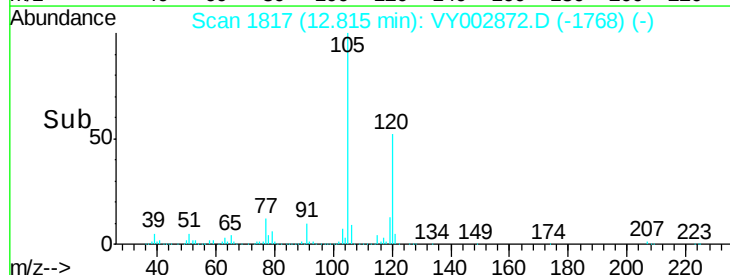
200000

100000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.21 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

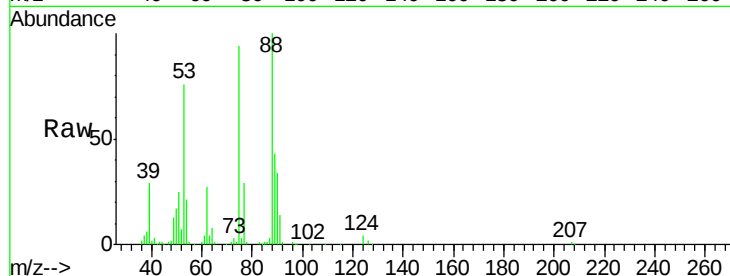
Tgt Ion: 75 Resp: 51588

Ion Ratio Lower Upper

75 100

53 81.2 64.0 96.0

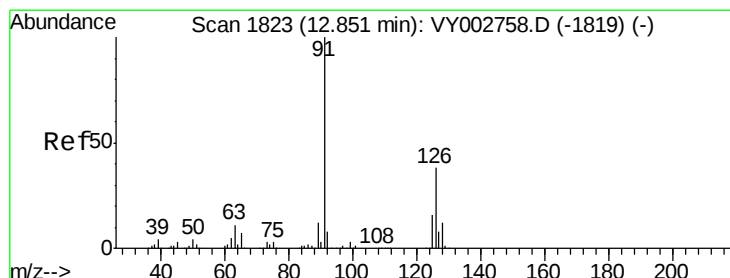
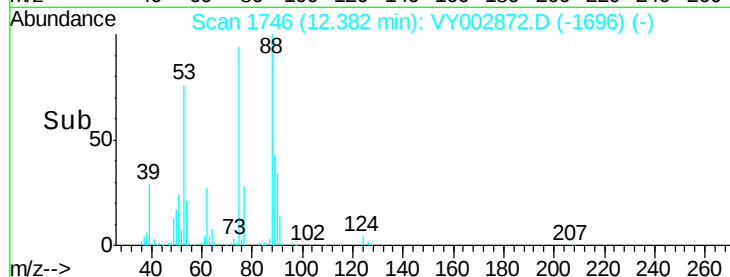
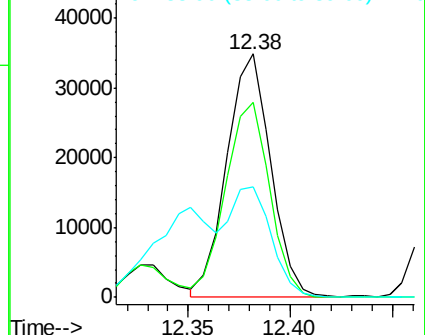
89 44.2 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.46 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002872.D

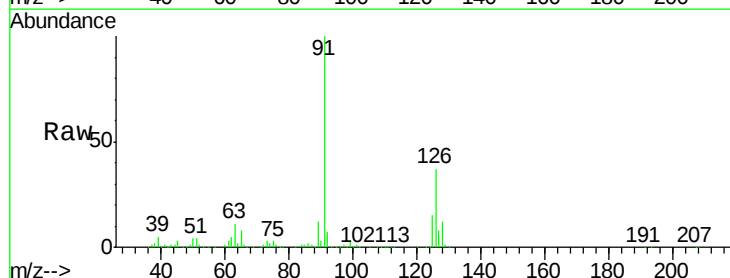
Acq: 10 Jun 2020 10:08

Tgt Ion: 91 Resp: 452925

Ion Ratio Lower Upper

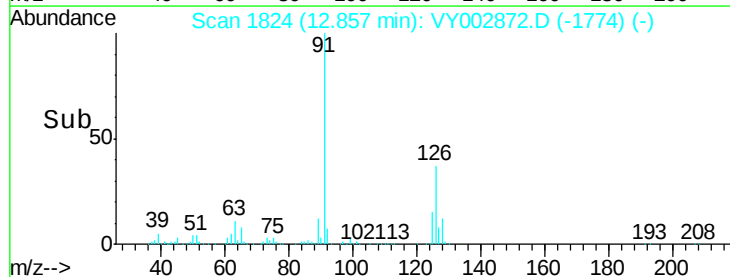
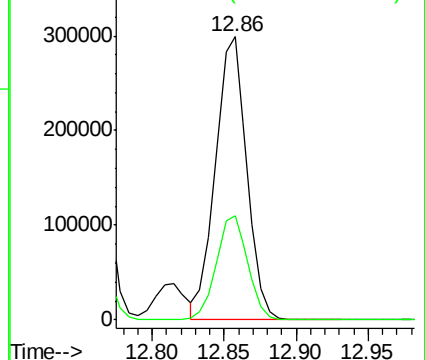
91 100

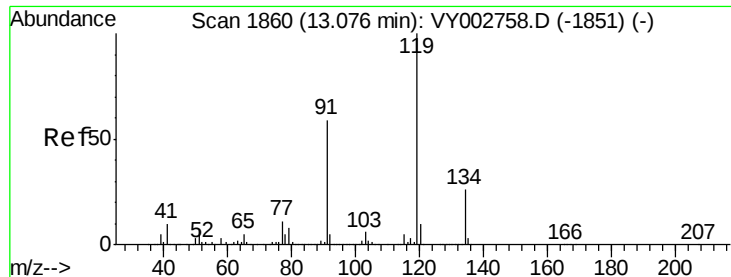
126 37.1 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

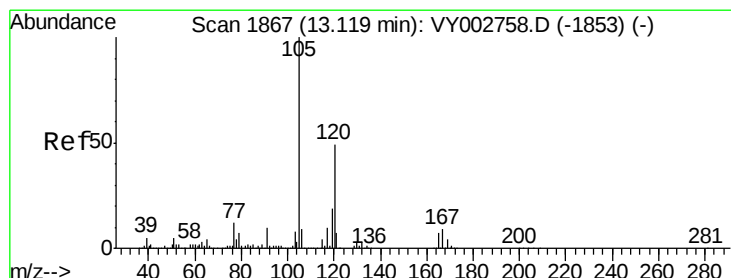
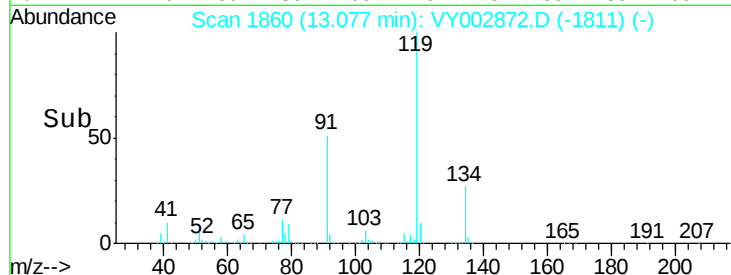
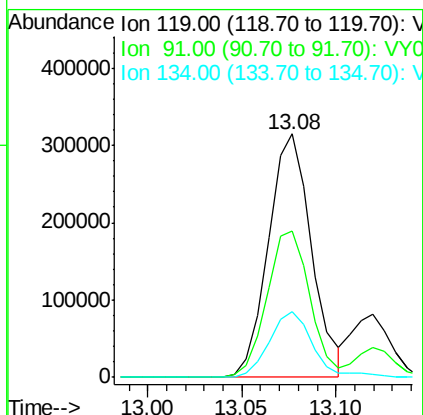
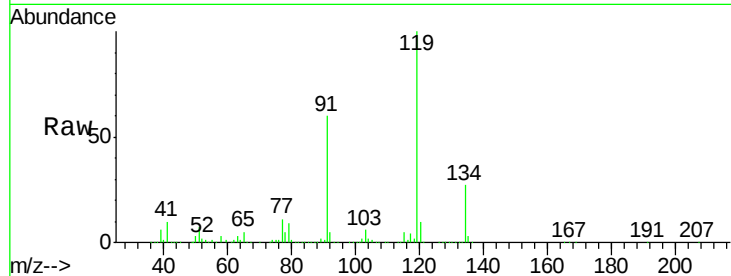




#83
 tert-Butylbenzene
 Concen: 48.59 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

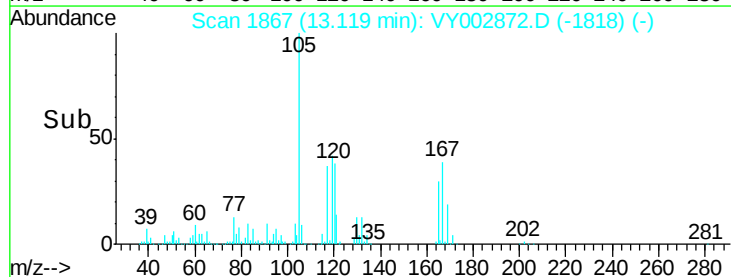
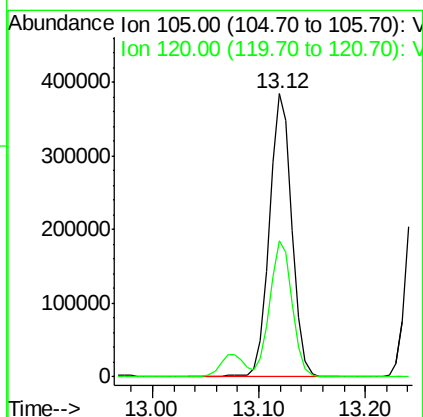
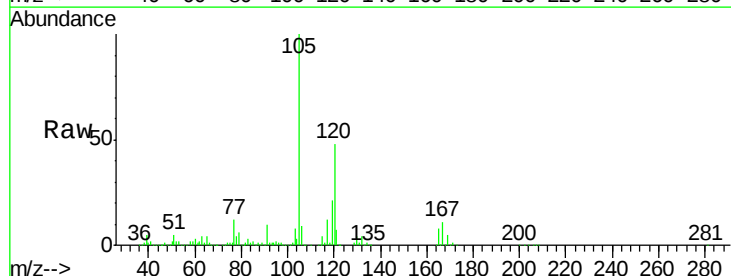
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

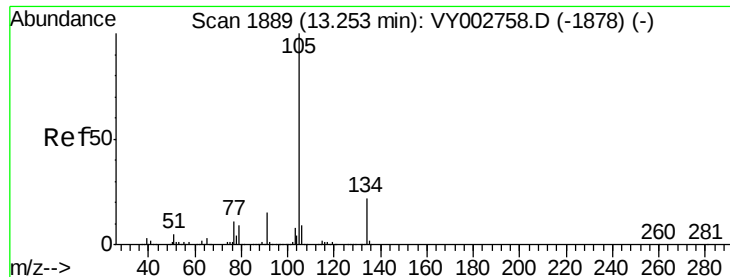
Tgt Ion:119 Resp: 498177
 Ion Ratio Lower Upper
 119 100
 91 60.2 29.8 89.4
 134 27.4 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.95 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion:105 Resp: 565771
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.6 70.8





#85

sec-Butylbenzene

Concen: 48.92 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

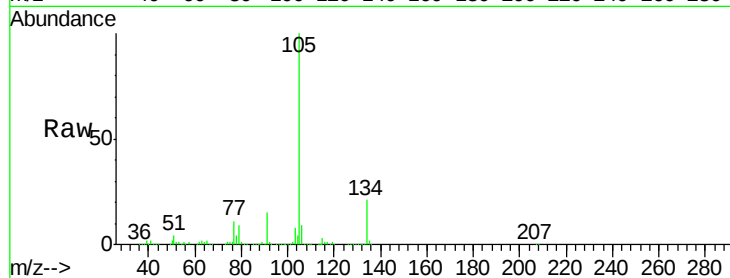
VSTDCCC050

Tgt Ion:105 Resp: 685820

Ion Ratio Lower Upper

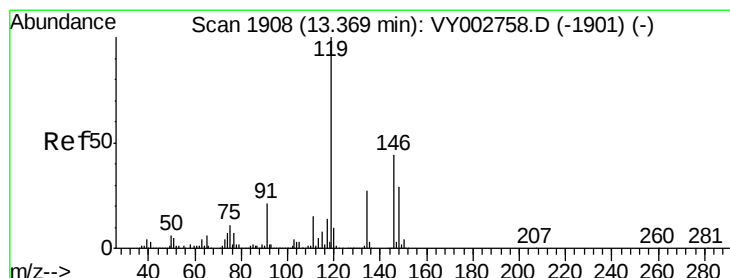
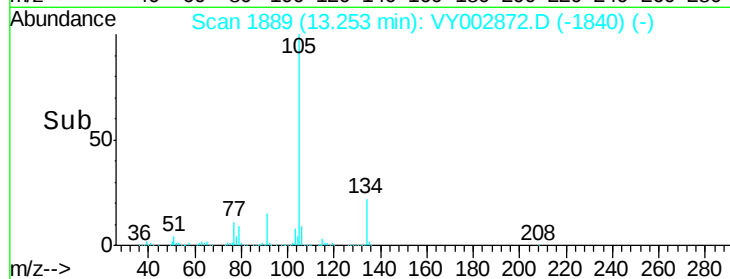
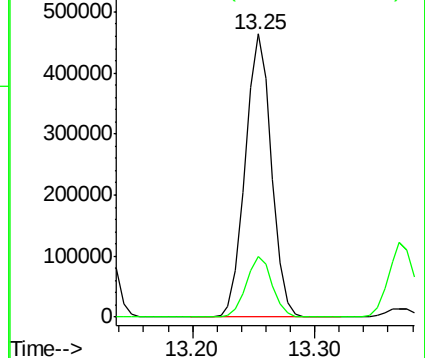
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.30 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

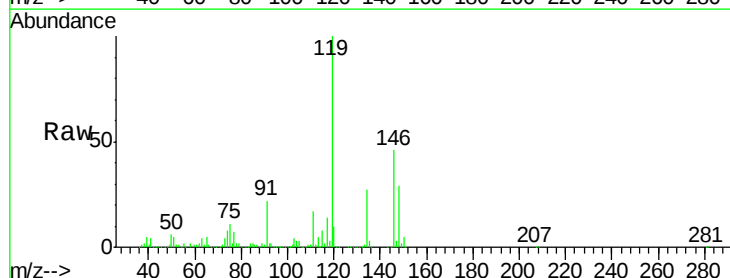
Tgt Ion:119 Resp: 643078

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

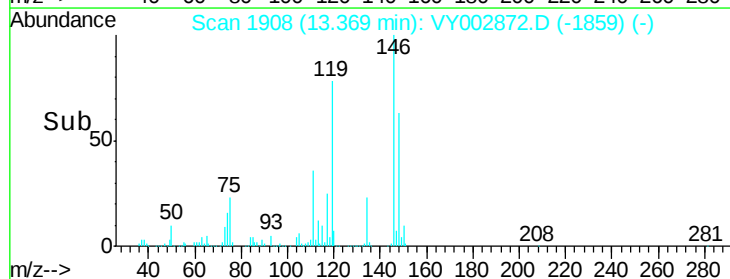
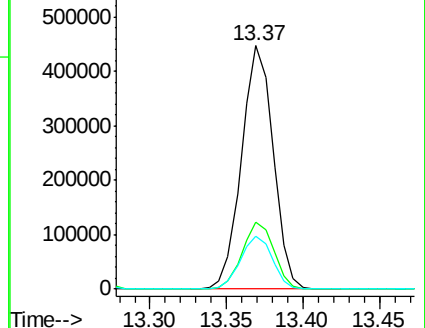
91 21.8 10.8 32.4

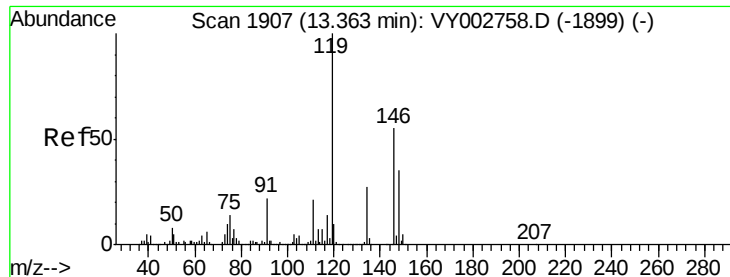


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

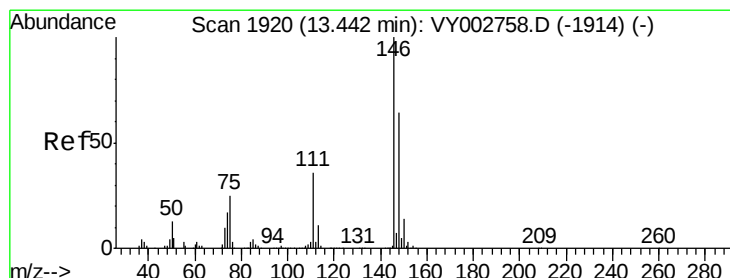
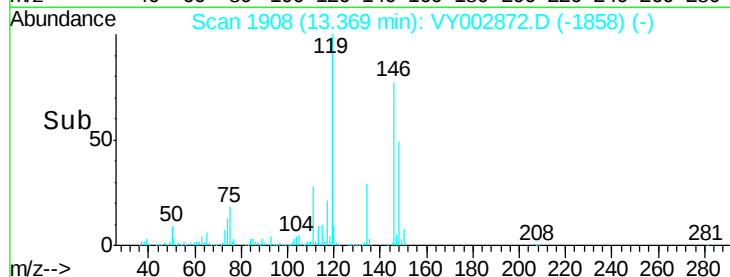
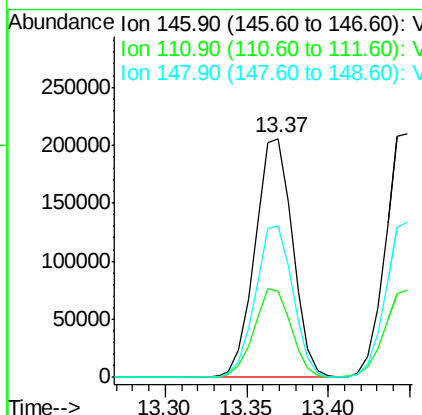
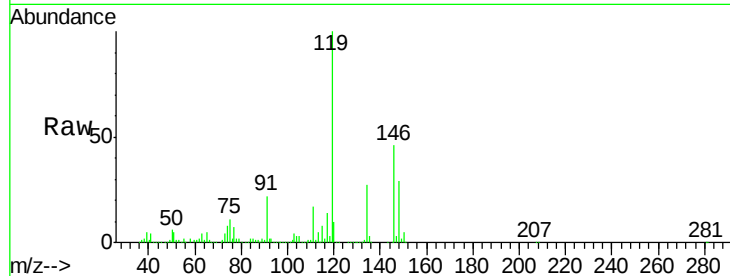




#87
 1,3-Dichlorobenzene
 Concen: 48.53 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

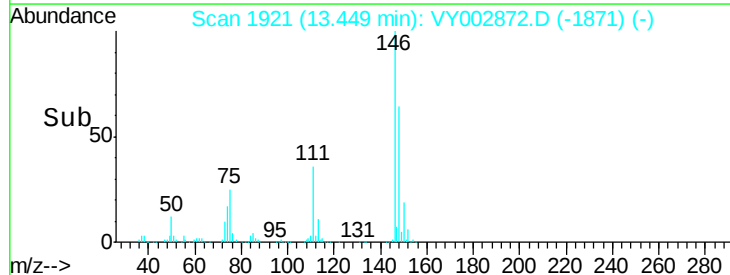
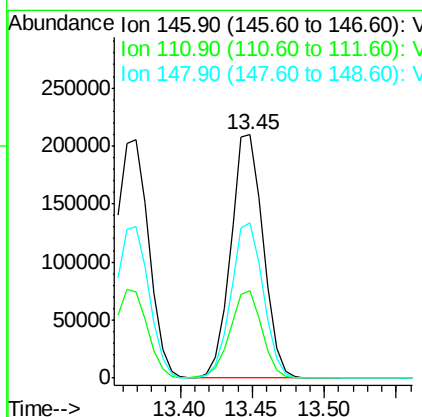
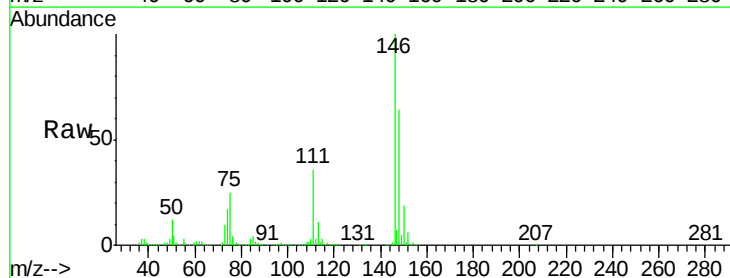
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 329543
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.0
 148 63.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.49 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion:146 Resp: 329384
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.1 54.3
 148 63.6 32.1 96.3





#89

n-Butylbenzene

Concen: 49.02 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002872.D

Acq: 10 Jun 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

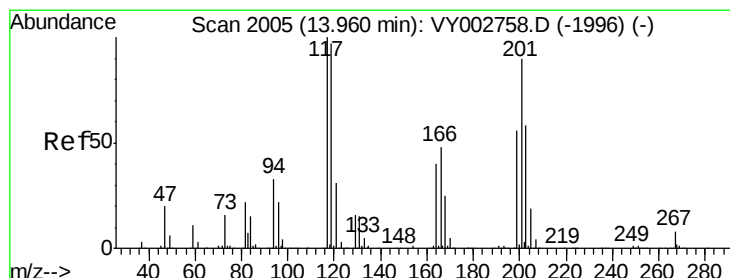
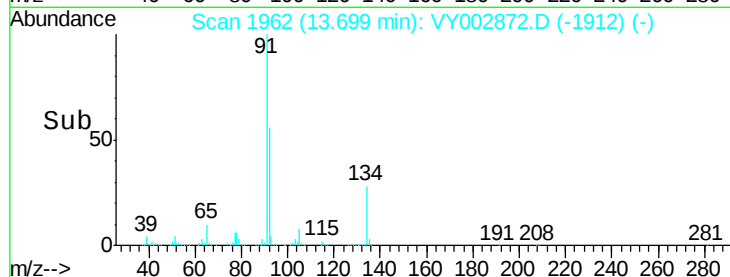
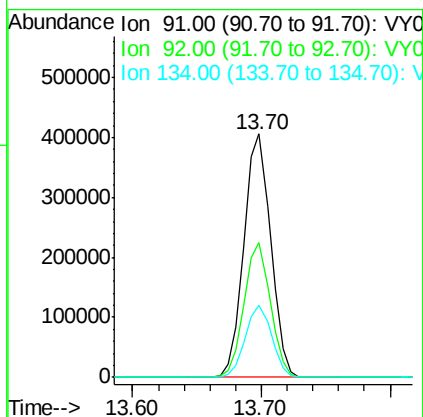
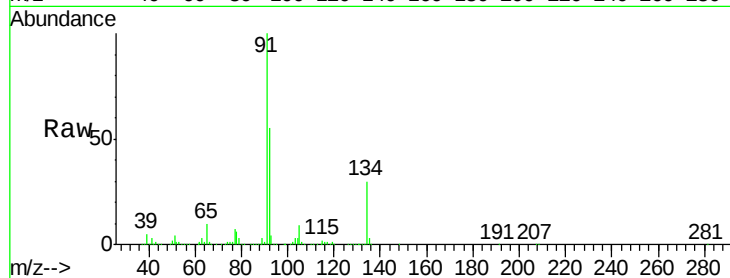
Tgt Ion: 91 Resp: 580587

Ion Ratio Lower Upper

91 100

92 54.3 27.1 81.2

134 29.1 14.3 42.9



#90

Hexachloroethane

Concen: 49.59 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002872.D

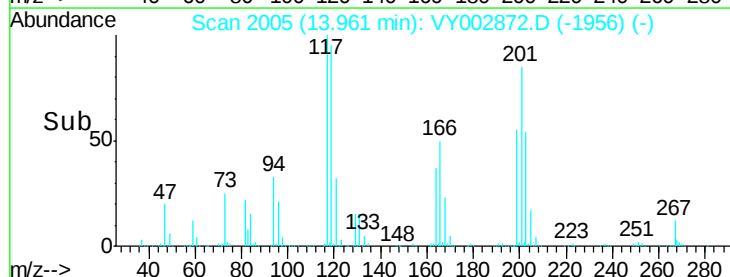
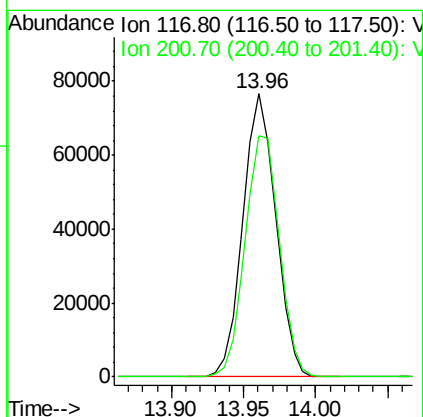
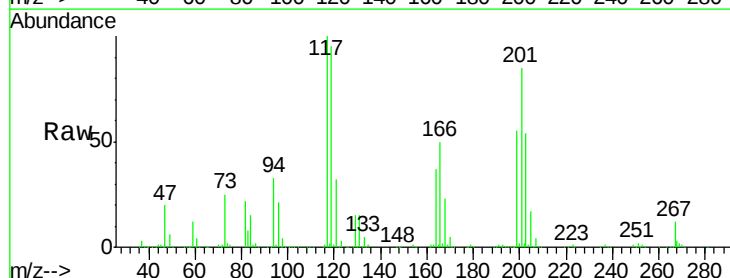
Acq: 10 Jun 2020 10:08

Tgt Ion: 117 Resp: 121113

Ion Ratio Lower Upper

117 100

201 88.8 43.9 131.6

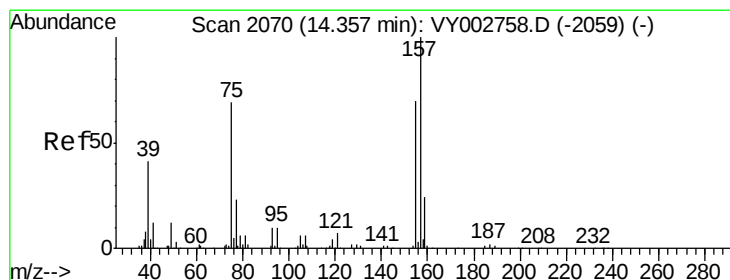
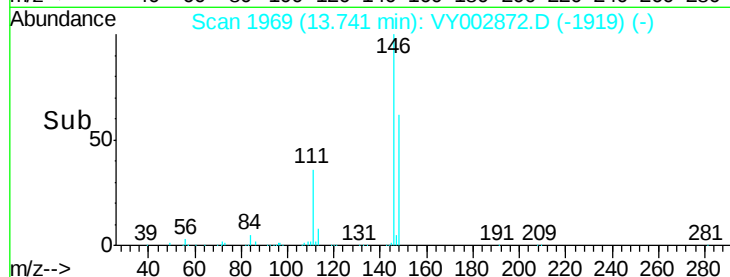
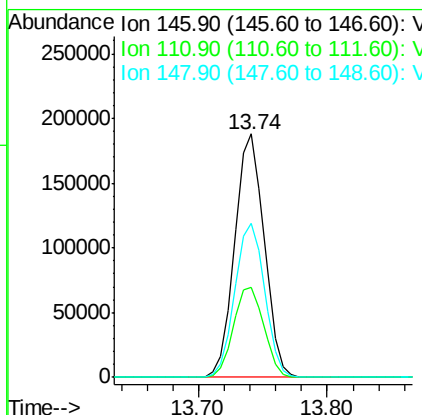
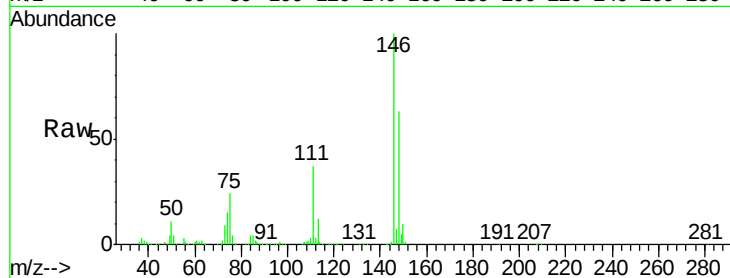




#91
 1,2-Dichlorobenzene
 Concen: 48.49 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

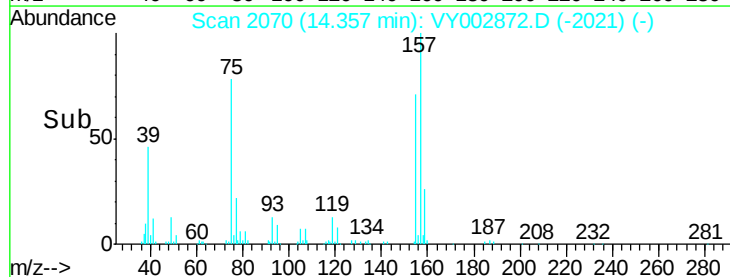
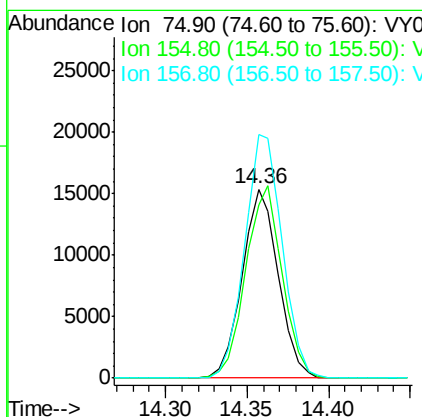
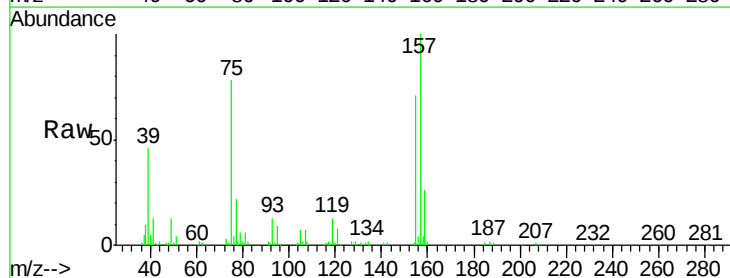
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

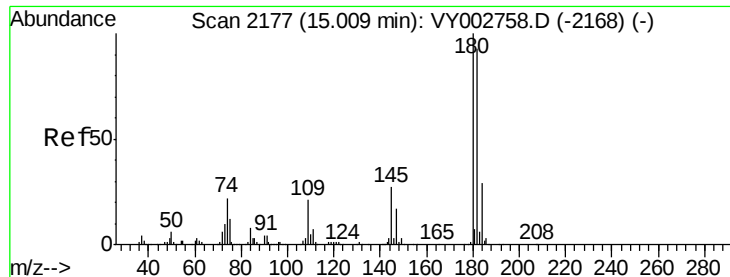
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.99 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	53.5	160.5
157	133.5	69.9	209.7

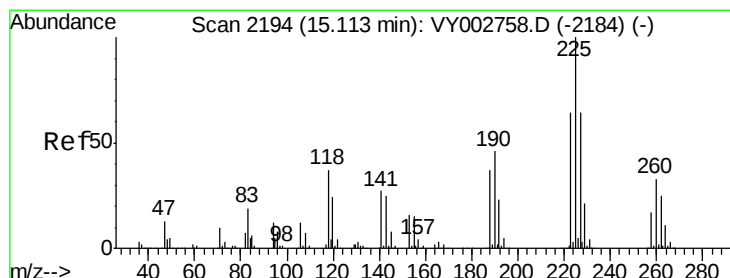
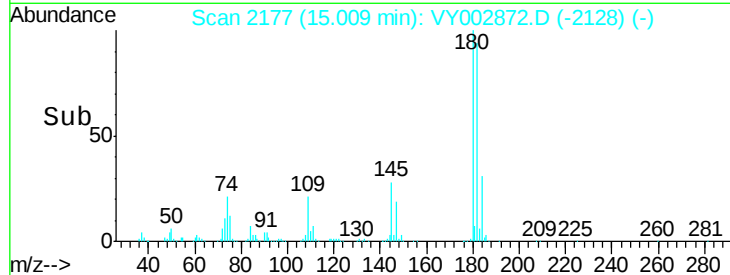
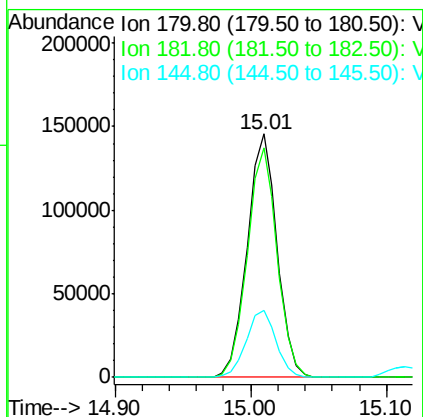
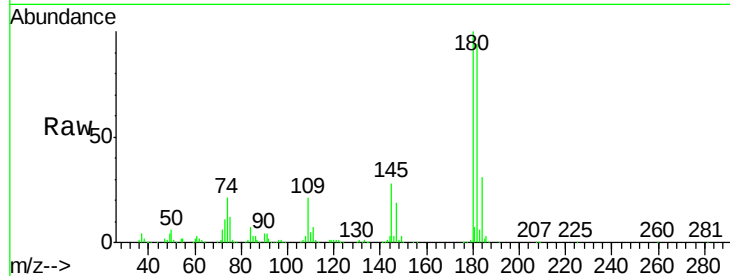




#93
 1,2,4-Trichlorobenzene
 Concen: 48.06 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

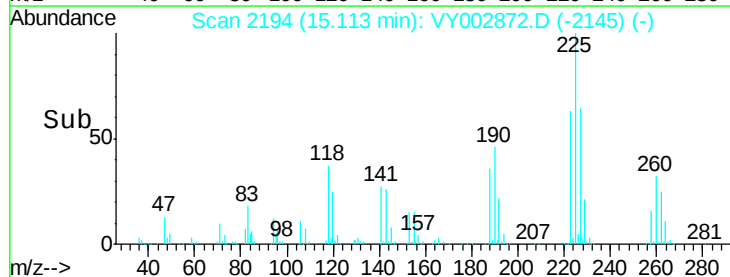
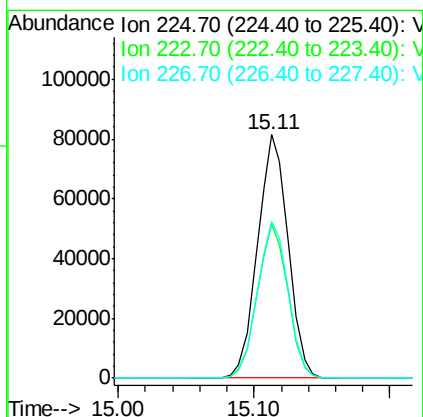
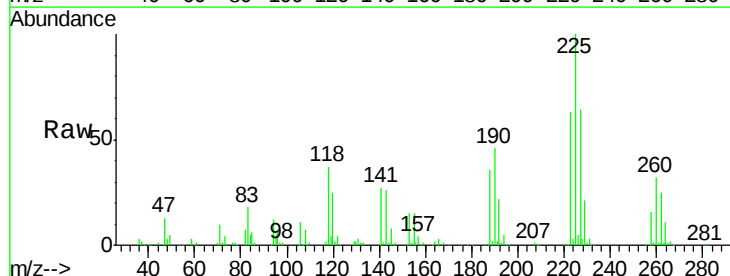
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

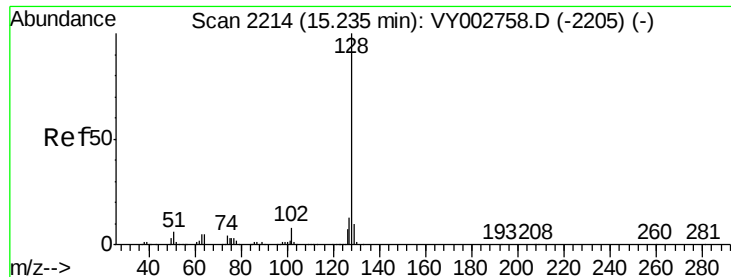
Tgt Ion:180 Resp: 223055
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.3 141.9
 145 27.6 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 48.71 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002872.D
 Acq: 10 Jun 2020 10:08

Tgt Ion:225 Resp: 128237
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 64.7 32.3 96.9

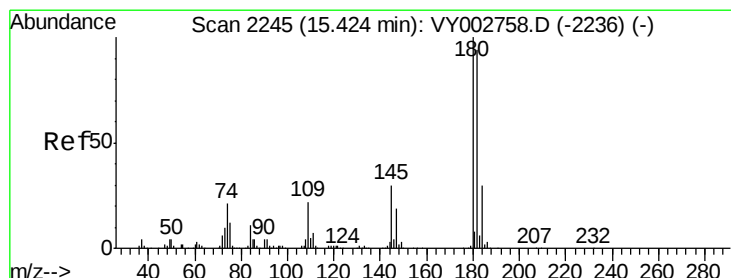
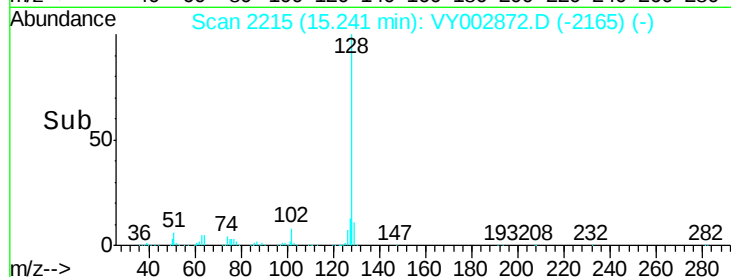
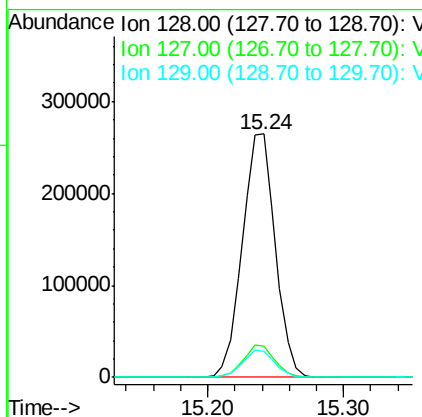
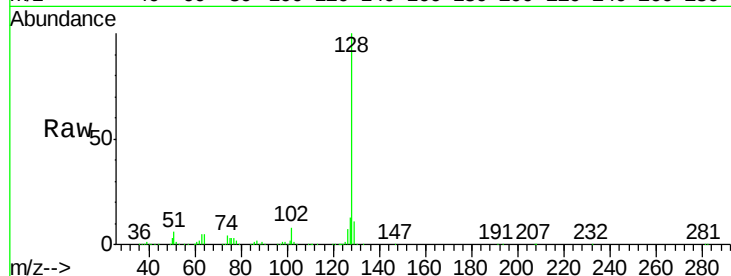




#95
Naphthalene
Concen: 48.13 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 447927
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.22 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002872.D
Acq: 10 Jun 2020 10:08

Tgt Ion:180 Resp: 195703
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.4
145 30.1 15.1 45.3

