

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002860.D
 Acq On : 05 Jun 2020 20:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 06 08:00:15 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	315716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	486684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	448310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	136962	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	7.73	113	144526	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
50) Toluene-d8	10.18	98	549493	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.48	95	192654	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	96888	44.600	ug/l	95
3) Chloromethane	2.12	50	115983	48.268	ug/l	99
4) Vinyl Chloride	2.26	62	128879	50.745	ug/l	98
5) Bromomethane	2.65	94	94811	49.815	ug/l	100
6) Chloroethane	2.80	64	84141	51.105	ug/l	96
7) Trichlorofluoromethane	3.13	101	219189	48.729	ug/l	99
8) Diethyl Ether	3.54	74	85871	48.891	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	141719	53.064	ug/l	100
10) Methyl Iodide	4.10	142	187431	50.155	ug/l	98
11) Tert butyl alcohol	4.97	59	65822	221.972	ug/l	100
12) 1,1-Dichloroethene	3.88	96	136690	50.893	ug/l	98
13) Acrolein	3.74	56	79179	246.473	ug/l	98
14) Allyl chloride	4.49	41	213937	55.538	ug/l	97
15) Acrylonitrile	5.18	53	206100	260.106	ug/l	100
16) Acetone	3.96	43	149115	231.978	ug/l	97
17) Carbon Disulfide	4.20	76	384631	47.390	ug/l	100
18) Methyl Acetate	4.49	43	87536	54.355	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	393859	53.118	ug/l	99
20) Methylene Chloride	4.73	84	174018	55.397	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	154454	51.135	ug/l	97
22) Diisopropyl ether	6.13	45	457806	57.191	ug/l	96
23) Vinyl Acetate	6.07	43	1476550	279.383	ug/l	99
24) 1,1-Dichloroethane	6.03	63	259954	55.514	ug/l	99
25) 2-Butanone	7.00	43	247693	247.327	ug/l	96
26) 2,2-Dichloropropane	6.99	77	214699	47.807	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	179934	53.214	ug/l	100
28) Bromochloromethane	7.34	49	108197	56.285	ug/l	94
29) Tetrahydrofuran	7.35	42	167602	257.285	ug/l	98
30) Chloroform	7.52	83	270561	54.450	ug/l	99
31) Cyclohexane	7.79	56	225764	48.559	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	236294	51.031	ug/l	99
36) 1,1-Dichloropropene	7.92	75	200706	48.956	ug/l	100
37) Ethyl Acetate	7.08	43	111491	49.984	ug/l	99
38) Carbon Tetrachloride	7.91	117	217383	47.731	ug/l	98

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

39) Methylcyclohexane	9.19	83	256242	47.419	ug/l	97
40) Benzene	8.17	78	618641	51.069	ug/l	100
41) Methacrylonitrile	7.35	41	151732	126.622	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	167175	49.243	ug/l	100
43) Isopropyl Acetate	8.28	43	216323	51.178	ug/l	99
44) Trichloroethene	8.94	130	187373	48.969	ug/l	98
45) 1,2-Dichloropropane	9.22	63	155491	53.525	ug/l	97
46) Dibromomethane	9.31	93	88208	51.127	ug/l	98
47) Bromodichloromethane	9.50	83	213206	52.421	ug/l	99
48) Methyl methacrylate	9.30	41	96667	50.660	ug/l	98
49) 1,4-Dioxane	9.30	88	23788	897.976	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	558041	249.320	ug/l	99
52) Toluene	10.24	92	395449	49.902	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	223617	50.337	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	258490	51.351	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	132263	50.075	ug/l	95
56) Ethyl methacrylate	10.51	69	180974	51.155	ug/l	99
57) 1,3-Dichloropropane	10.79	76	219978	50.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	463233	267.972	ug/l	98
59) 2-Hexanone	10.83	43	388370	244.551	ug/l	100
60) Dibromochloromethane	10.99	129	168238	50.240	ug/l	99
61) 1,2-Dibromoethane	11.09	107	130894	50.237	ug/l	99
64) Tetrachloroethene	10.72	164	192371	47.213	ug/l	98
65) Chlorobenzene	11.52	112	447087	50.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	170728	51.159	ug/l	99
67) Ethyl Benzene	11.59	91	772434	50.284	ug/l	99
68) m/p-Xylenes	11.70	106	589050	98.902	ug/l	100
69) o-Xylene	12.03	106	284848	50.661	ug/l	99
70) Styrene	12.04	104	496545	50.944	ug/l	100
71) Bromoform	12.20	173	110987	49.703	ug/l	100
73) Isopropylbenzene	12.33	105	762526	51.074	ug/l	100
74) N-amyl acetate	12.14	43	202275	52.803	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	140896	53.787	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	197844	94.246	ug/l #	100
77) Bromobenzene	12.61	156	198379	51.030	ug/l	98
78) n-propylbenzene	12.67	91	882651	51.181	ug/l	99
79) 2-Chlorotoluene	12.75	91	496482	51.322	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	636906	51.092	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54738	49.126	ug/l	99
82) 4-Chlorotoluene	12.85	91	517059	51.015	ug/l	100
83) tert-Butylbenzene	13.07	119	568542	51.130	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	643950	51.375	ug/l	99
85) sec-Butylbenzene	13.25	105	772830	50.831	ug/l	100
86) p-Isopropyltoluene	13.37	119	717946	50.748	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	370252	50.280	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	367217	49.851	ug/l	99
89) n-Butylbenzene	13.70	91	645504	50.257	ug/l	100
90) Hexachloroethane	13.96	117	138247	52.199	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	340956	51.055	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24654	48.919	ug/l	98

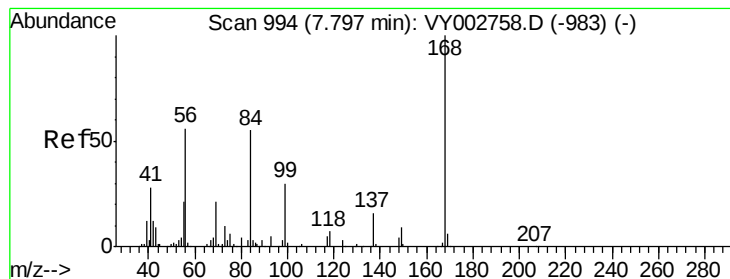
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	248096	49.287	ug/l	99
94) Hexachlorobutadiene	15.11	225	143130	50.133	ug/l	100
95) Naphthalene	15.23	128	495390	49.084	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	223358	49.690	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

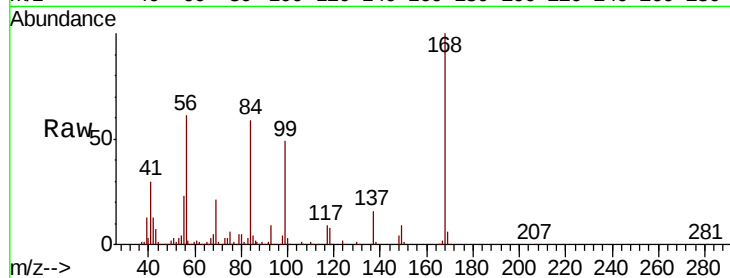
VSTDCCC050EC

Tot Ion:168 Resp: 315716

Ion Ratio Lower Upper

168 100

99 49.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002860.D (-945) (-)

7.80

150000

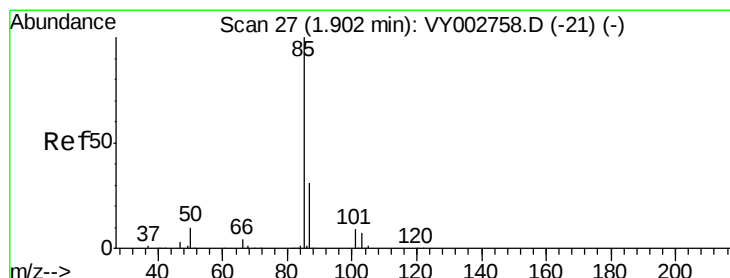
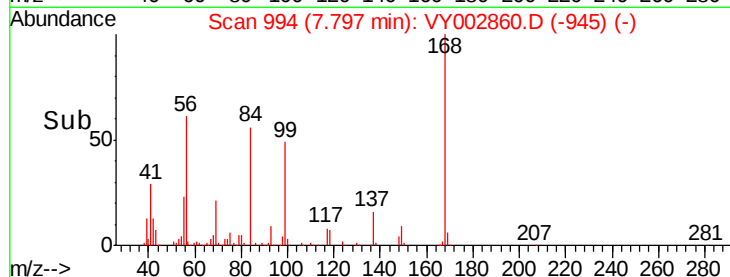
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.600 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002860.D

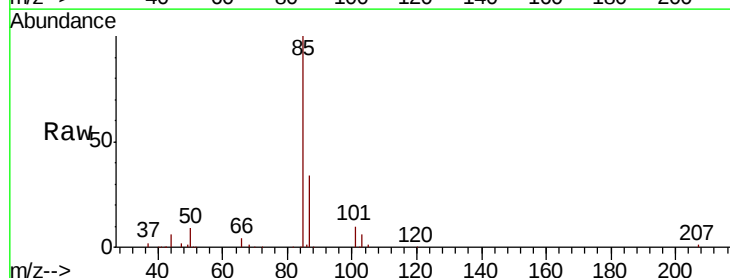
Acq: 05 Jun 2020 20:34

Tgt Ion: 85 Resp: 96888

Ion Ratio Lower Upper

85 100

87 33.9 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002860.D (-1) (-)

1.91

60000

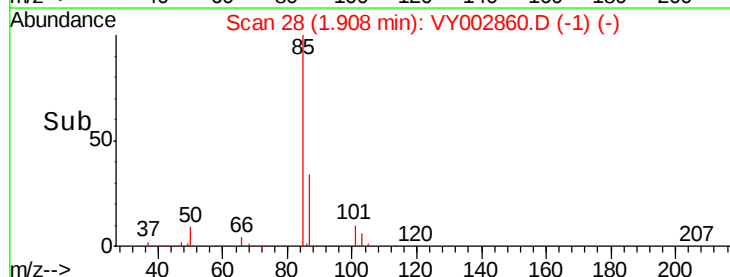
40000

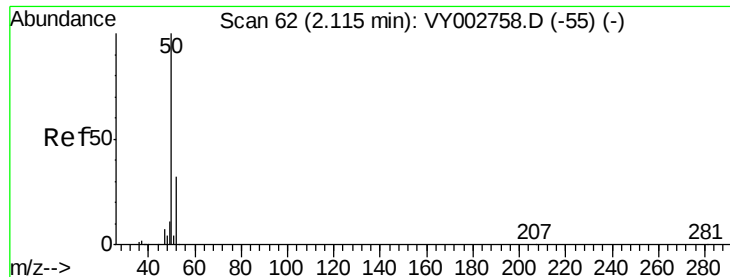
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.268 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

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ClientSampleId :

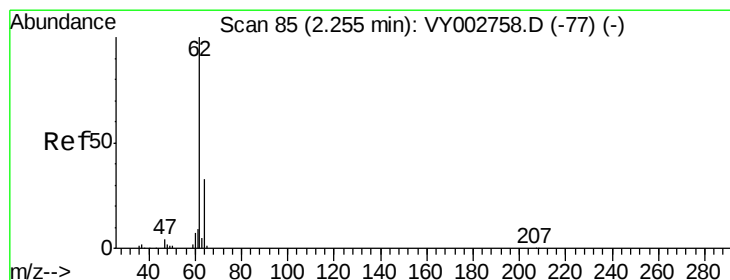
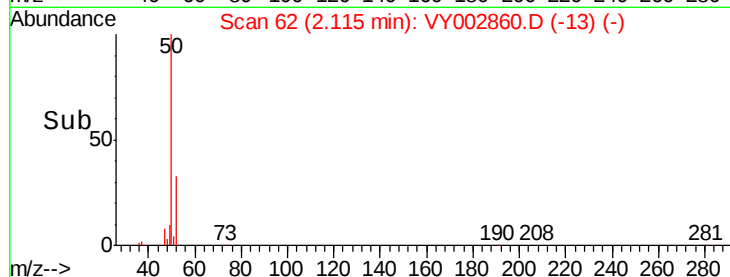
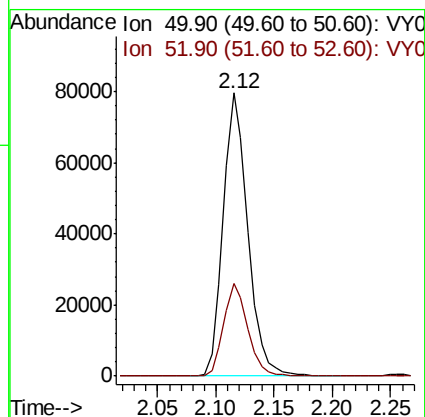
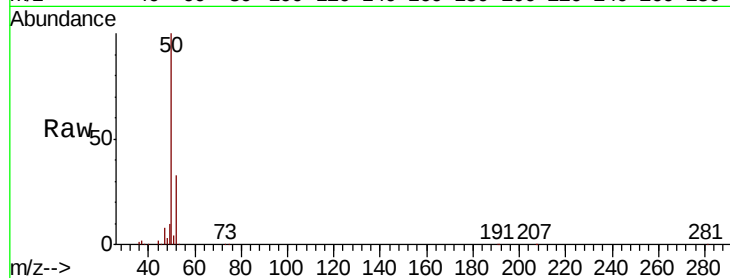
VSTDCCC050EC

Tot Ion: 50 Resp: 115983

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 50.745 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002860.D

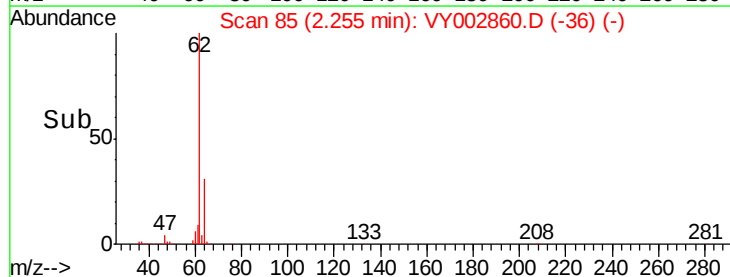
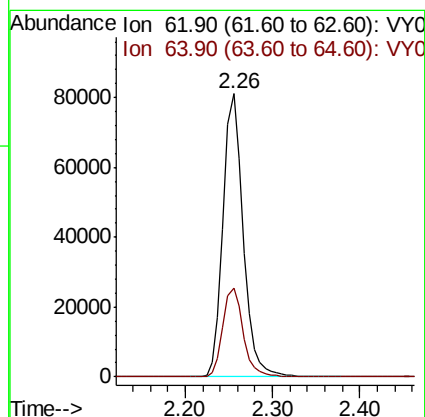
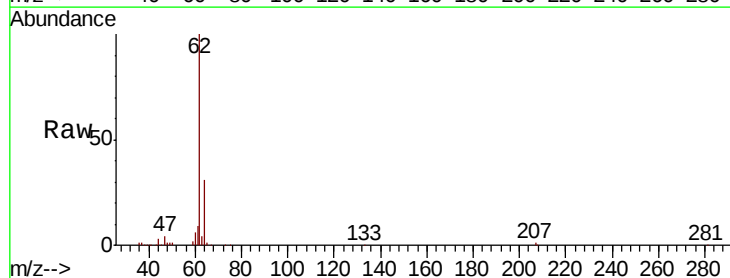
Acq: 05 Jun 2020 20:34

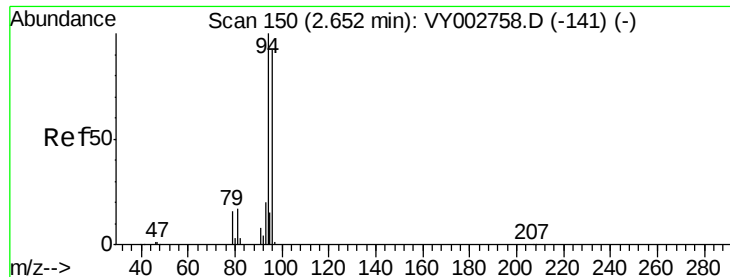
Tgt Ion: 62 Resp: 128879

Ion Ratio Lower Upper

62 100

64 31.3 26.1 39.1





#5

Bromomethane

Concen: 49.815 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

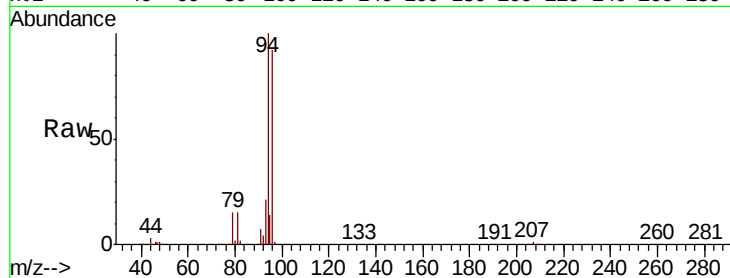
VSTDCCC050EC

Tot Ion: 94 Resp: 94811

Ion Ratio Lower Upper

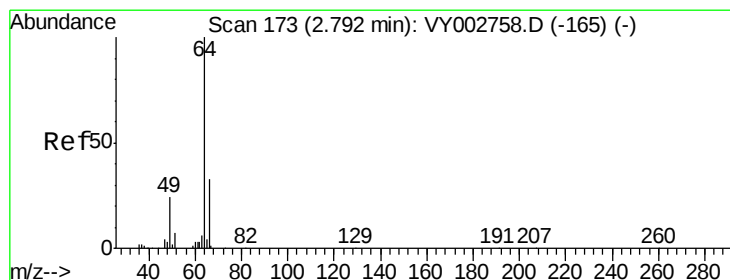
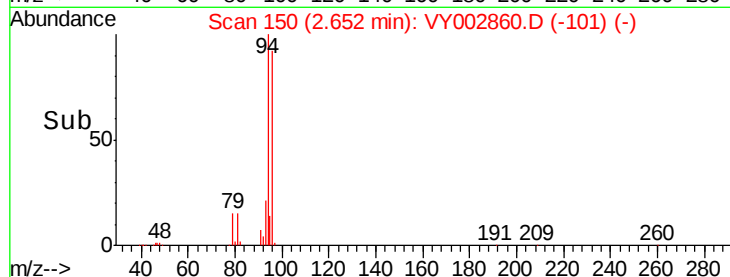
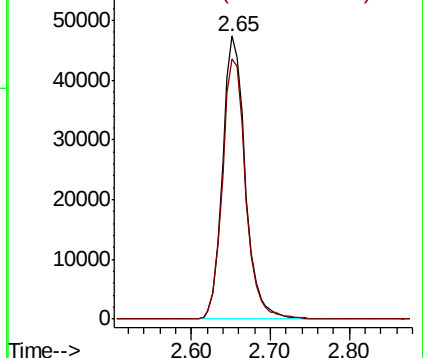
94 100

96 92.1 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: 51.105 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002860.D

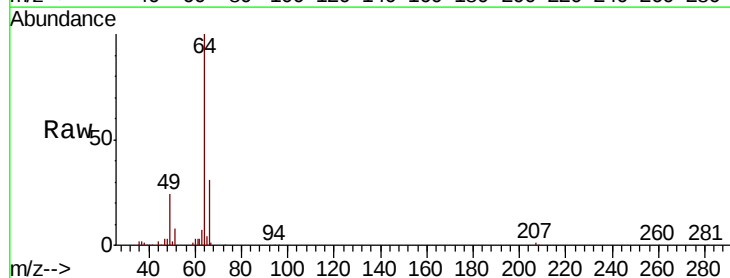
Acq: 05 Jun 2020 20:34

Tgt Ion: 64 Resp: 84141

Ion Ratio Lower Upper

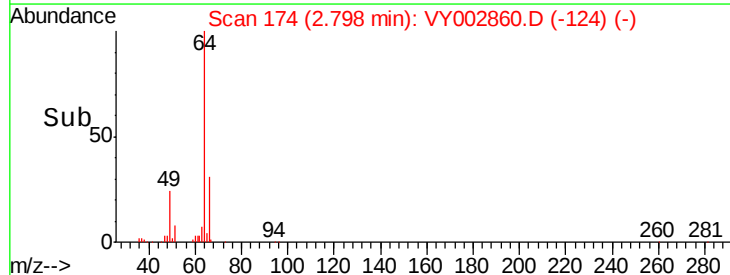
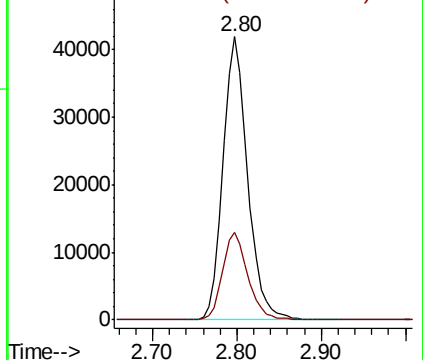
64 100

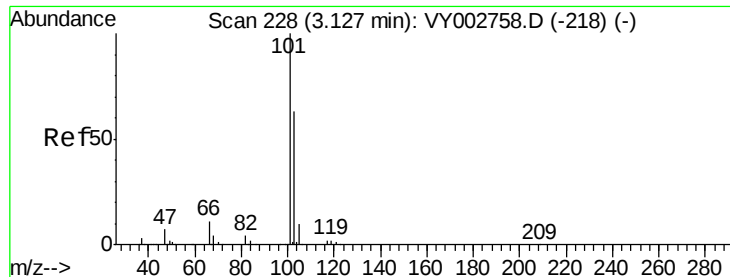
66 31.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



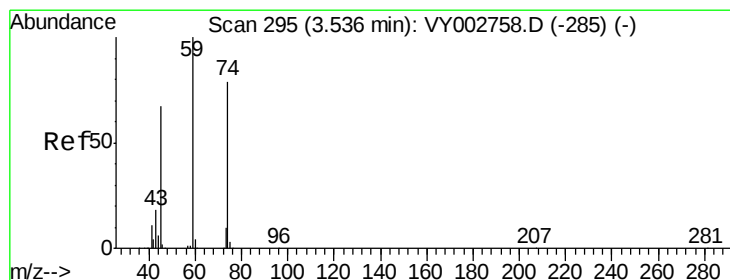
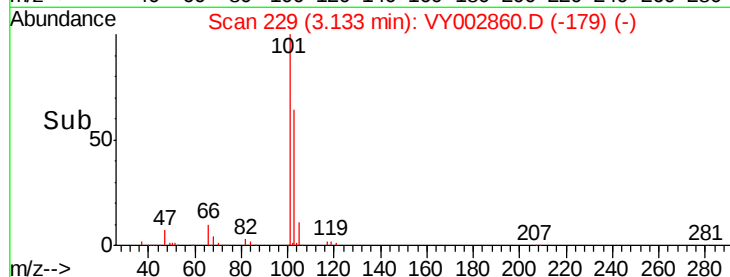
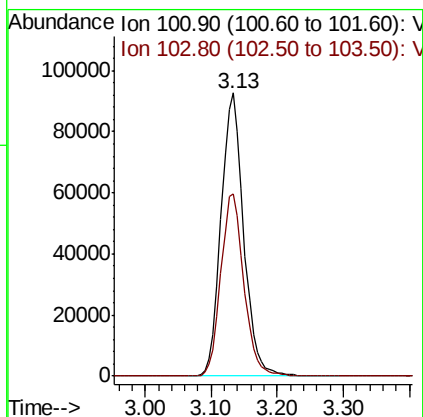
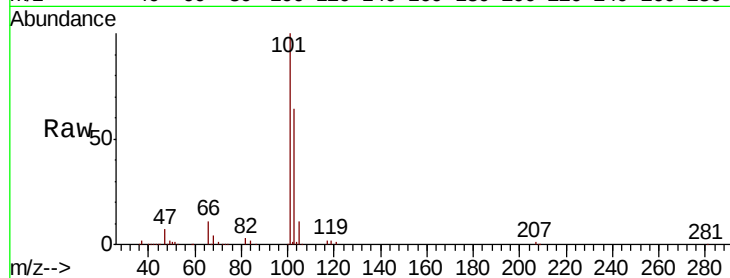


#7

Trichlorofluoromethane
Concen: 48.729 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

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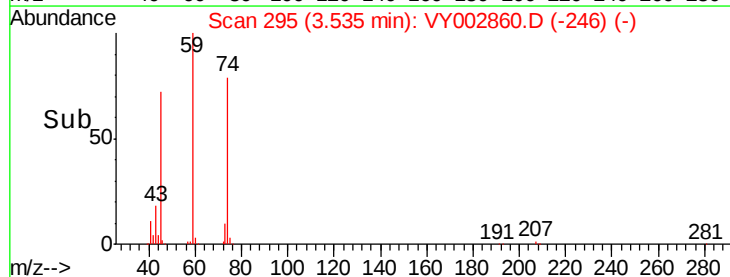
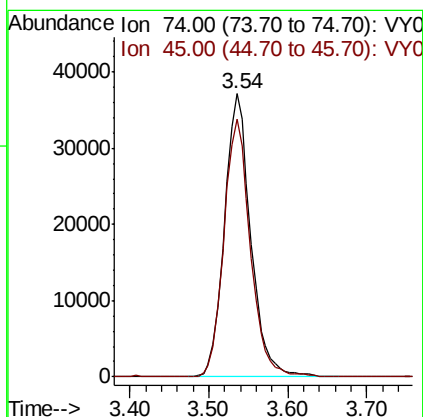
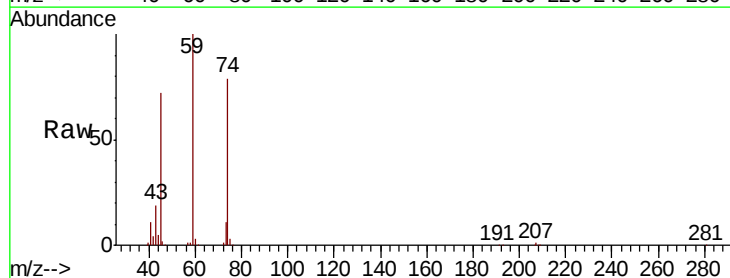
Tot Ion:101 Resp: 219189
Ion Ratio Lower Upper
101 100
103 64.4 50.6 76.0

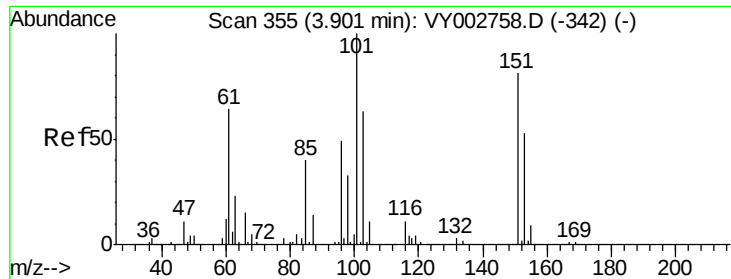


#8

Diethyl Ether
Concen: 48.891 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion: 74 Resp: 85871
Ion Ratio Lower Upper
74 100
45 92.2 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.064 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

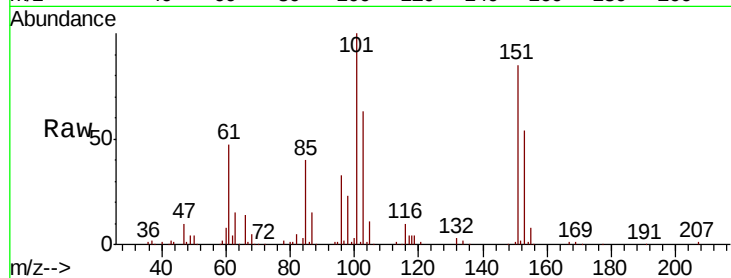
Tot Ion:101 Resp: 141719

Ion Ratio Lower Upper

101 100

85 40.8 32.7 49.1

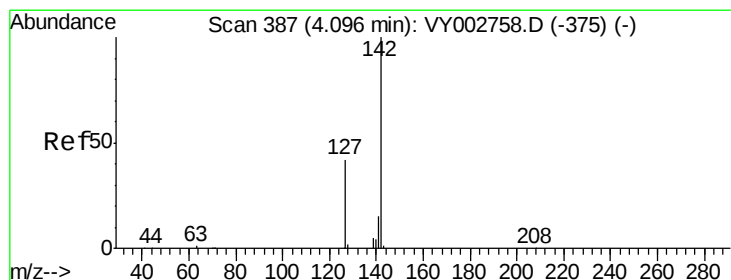
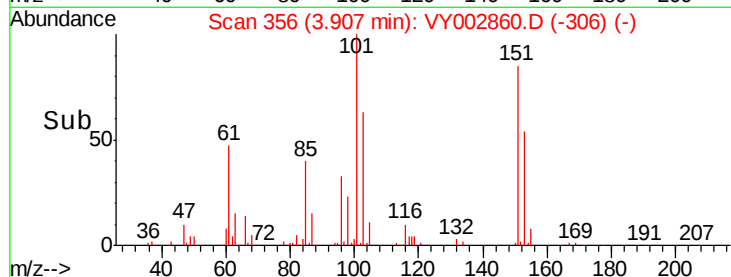
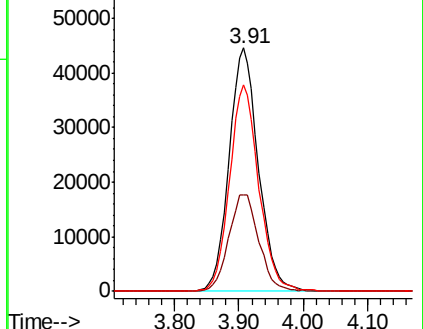
151 84.5 68.0 102.0



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: 50.155 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

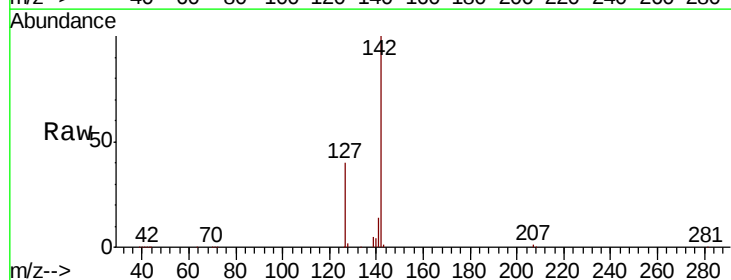
Tgt Ion:142 Resp: 187431

Ion Ratio Lower Upper

142 100

127 40.3 33.3 49.9

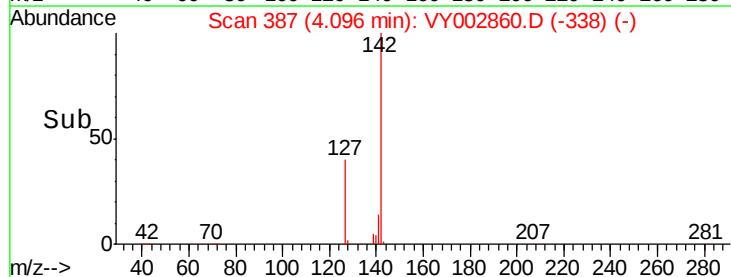
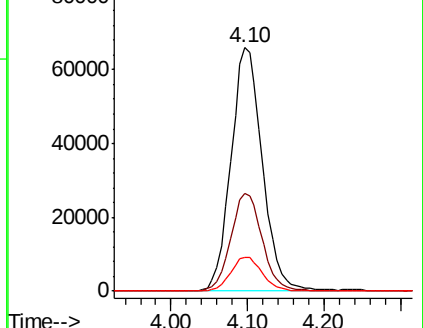
141 14.0 11.5 17.3

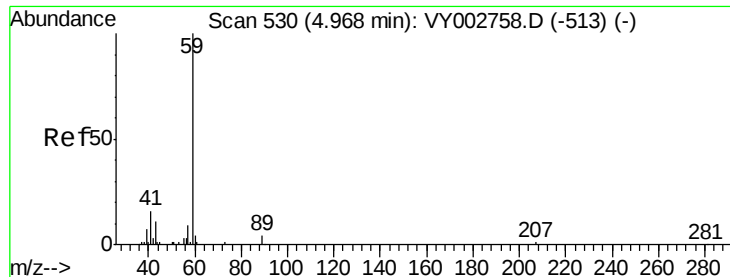


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



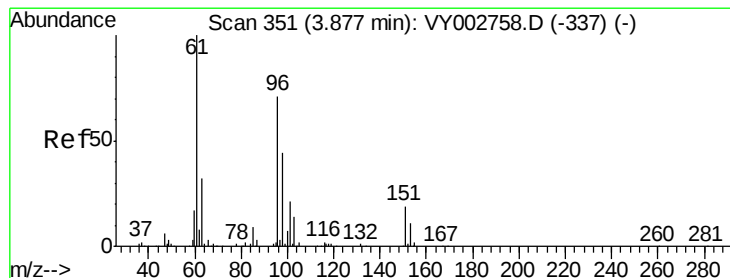
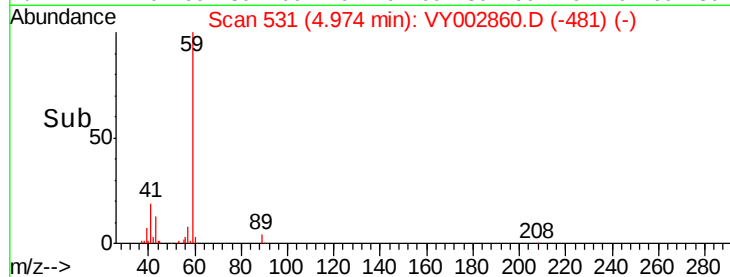
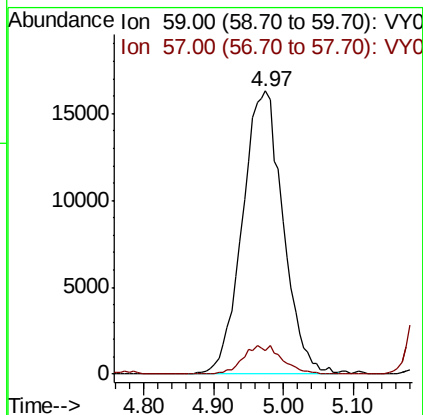
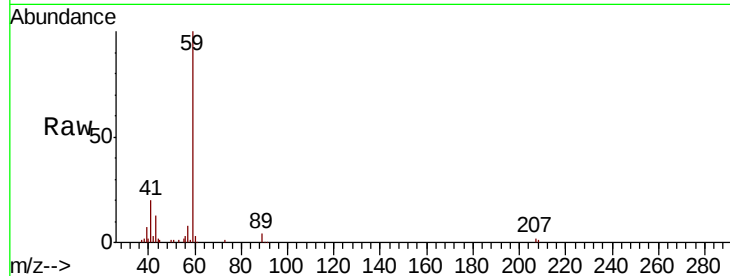


#11

Tert butyl alcohol
 Concen: 221.972 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

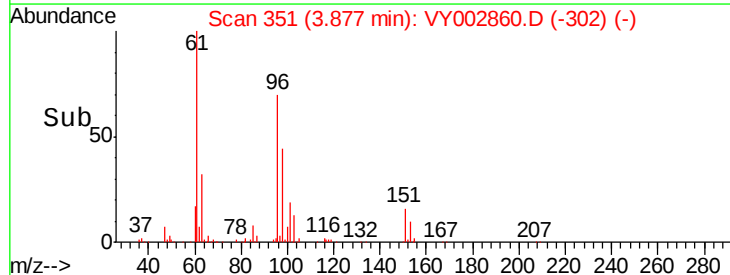
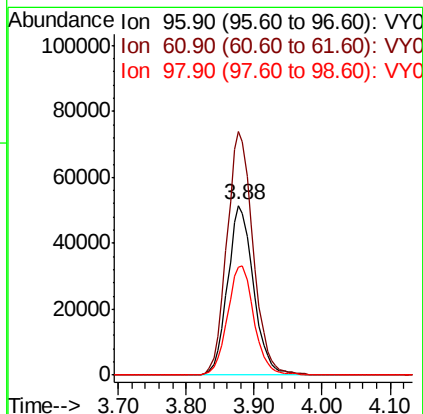
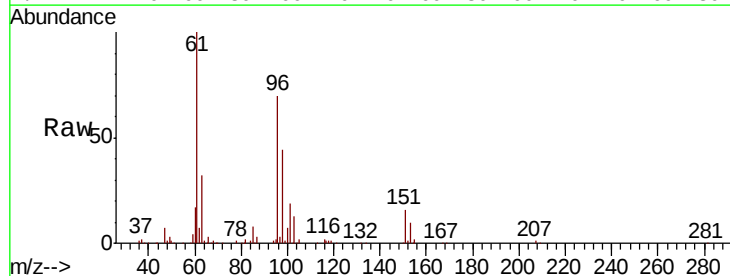
Tot Ion: 59 Resp: 65822
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.7 11.5

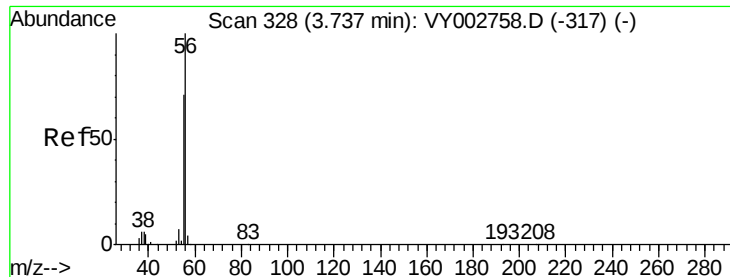


#12

1,1-Dichloroethene
 Concen: 50.893 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Tgt Ion: 96 Resp: 136690
 Ion Ratio Lower Upper
 96 100
 61 143.5 112.6 168.8
 98 63.4 50.0 75.0





#13

Acrolein

Concen: 246.473 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

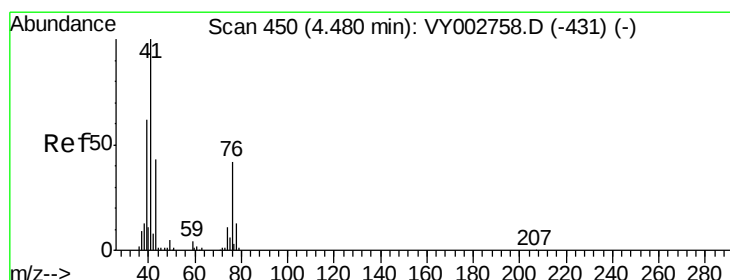
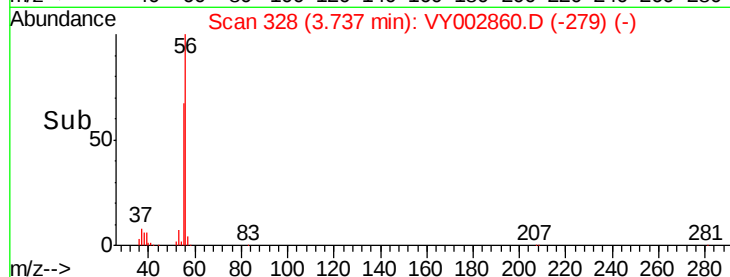
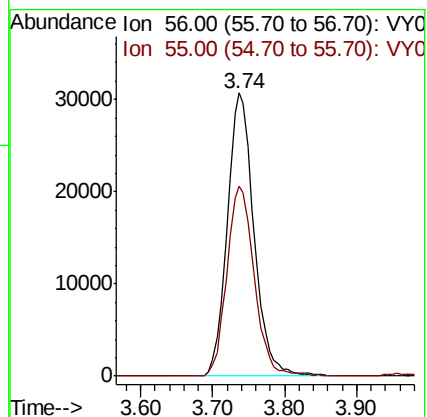
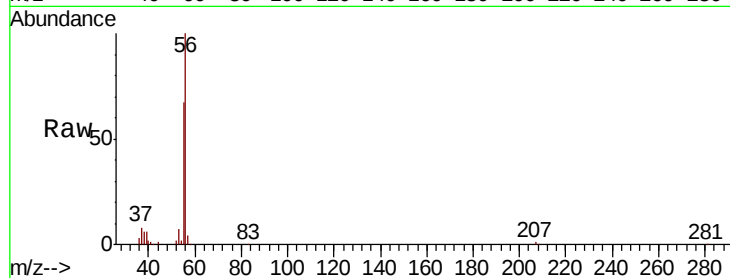
VSTDCCC050EC

Tot Ion: 56 Resp: 79179

Ion Ratio Lower Upper

56 100

55 68.7 56.0 84.0



#14

Allyl chloride

Concen: 55.538 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

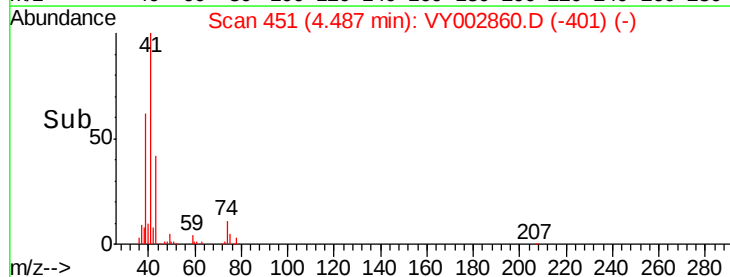
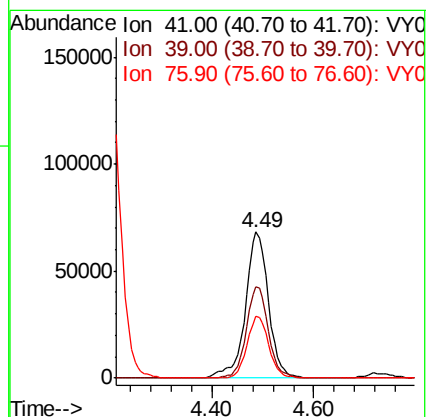
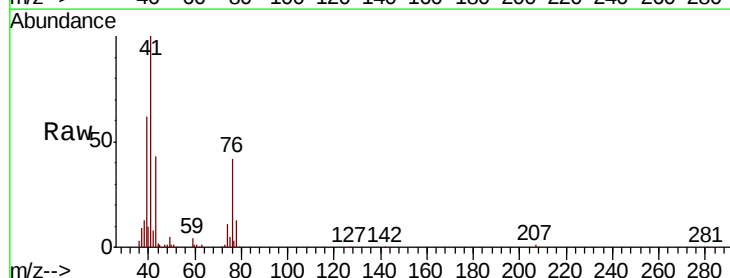
Tgt Ion: 41 Resp: 213937

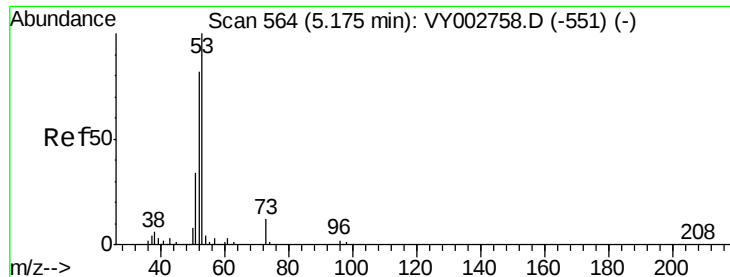
Ion Ratio Lower Upper

41 100

39 60.2 49.9 74.9

76 39.9 33.2 49.8





#15

Acrylonitrile

Concen: 260.106 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

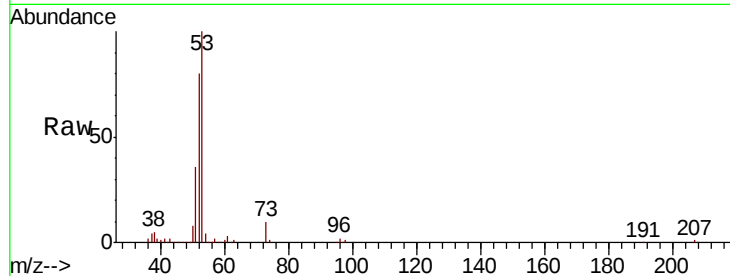
Tot Ion: 53 Resp: 206100

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

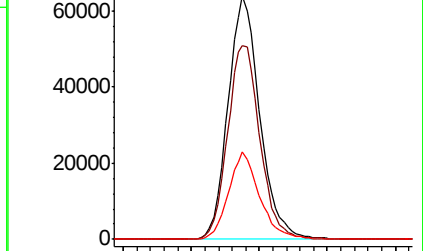
51 35.1 28.0 42.0



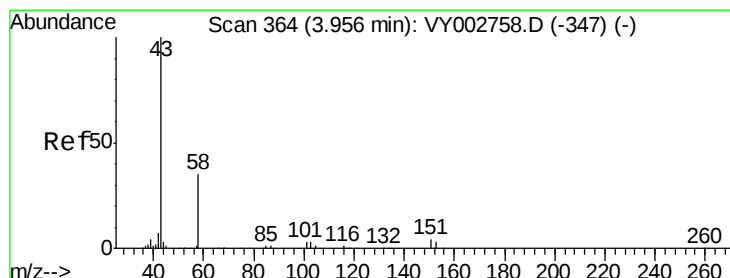
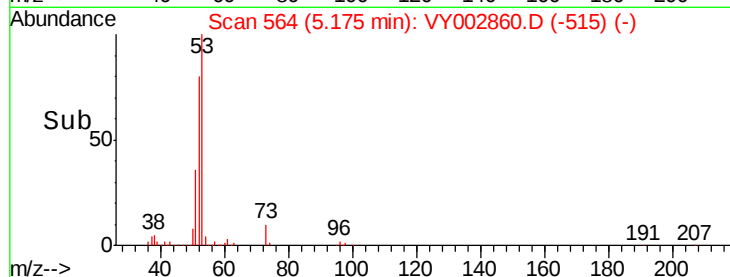
Abundance Ion 53.00 (52.70 to 53.70): VY002860.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002860.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002860.D (-515) (-)



Time-->



#16

Acetone

Concen: 231.978 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002860.D

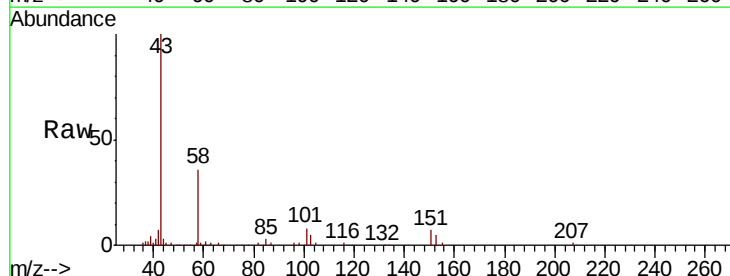
Acq: 05 Jun 2020 20:34

Tgt Ion: 43 Resp: 149115

Ion Ratio Lower Upper

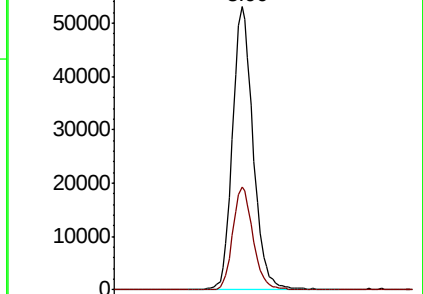
43 100

58 36.4 27.7 41.5

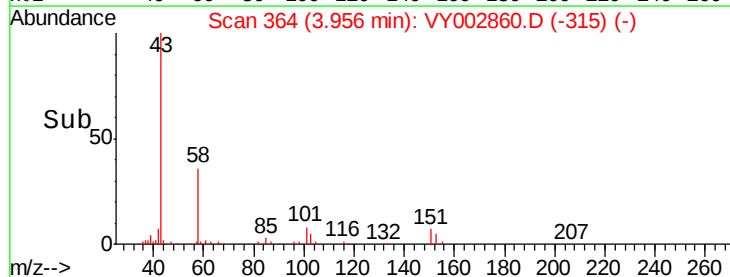


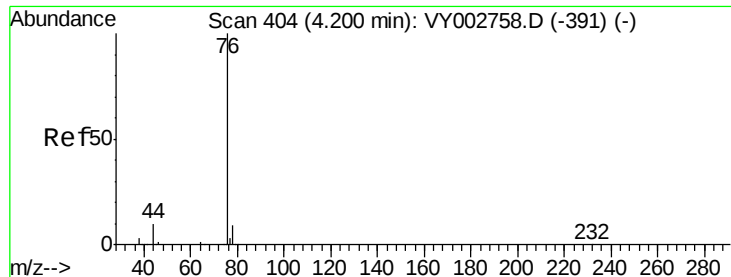
Abundance Ion 43.00 (42.70 to 43.70): VY002860.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002860.D (-315) (-)



Time-->





#17

Carbon Disulfide

Concen: 47.390 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

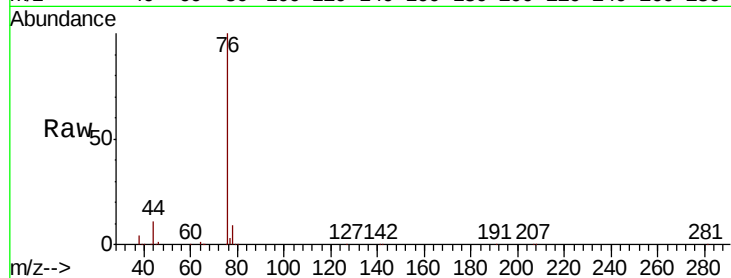
VSTDCCC050EC

Tot Ion: 76 Resp: 384631

Ion Ratio Lower Upper

76 100

78 8.7 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002860.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY002860.D (-391) (-)

4.20

150000

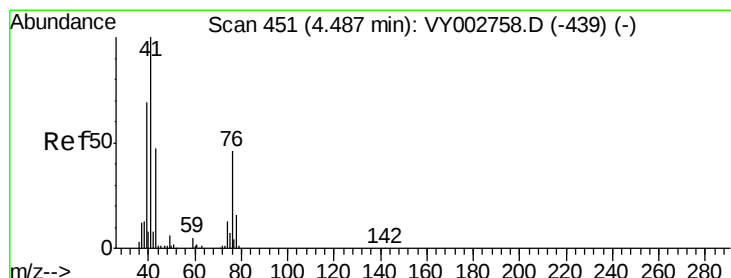
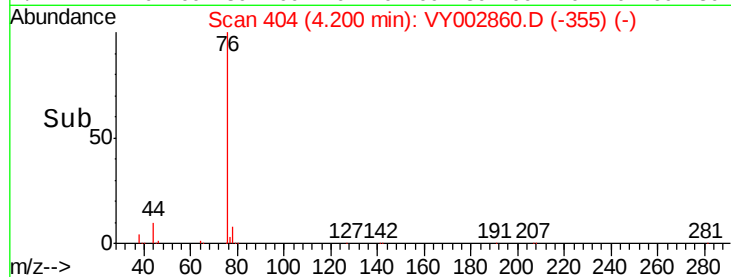
100000

50000

0

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 54.355 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002860.D

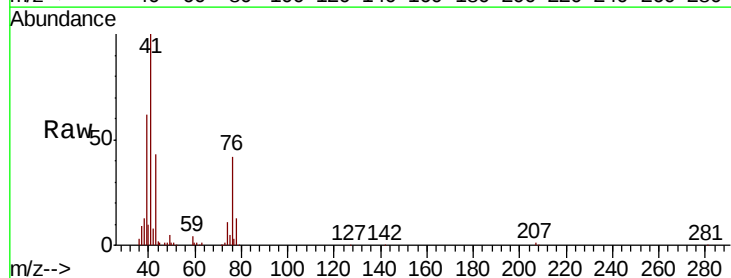
Acq: 05 Jun 2020 20:34

Tgt Ion: 43 Resp: 87536

Ion Ratio Lower Upper

43 100

74 26.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.30): VY002860.D (-439) (-)

Ion 74.00 (73.70 to 74.30): VY002860.D (-439) (-)

4.49

30000

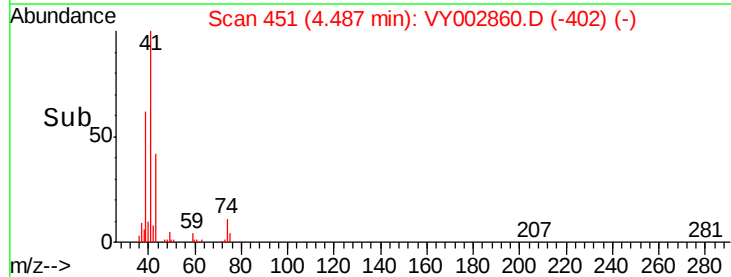
20000

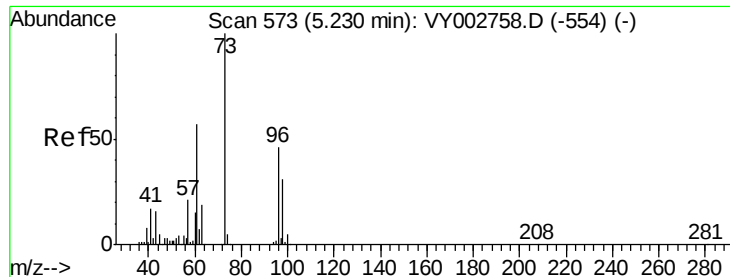
10000

0

4.30 4.40 4.50 4.60 4.70

Time-->



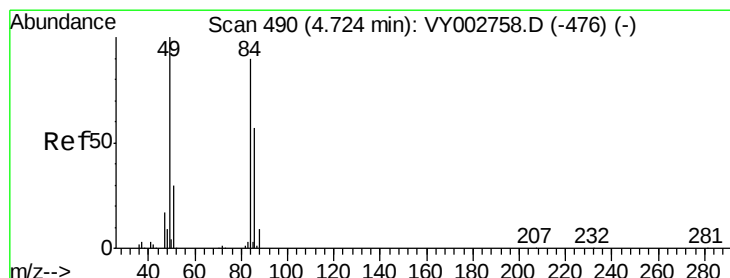
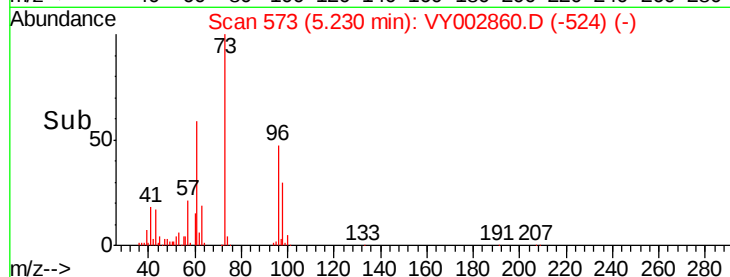
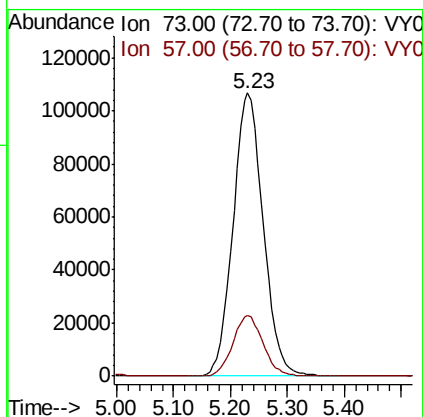
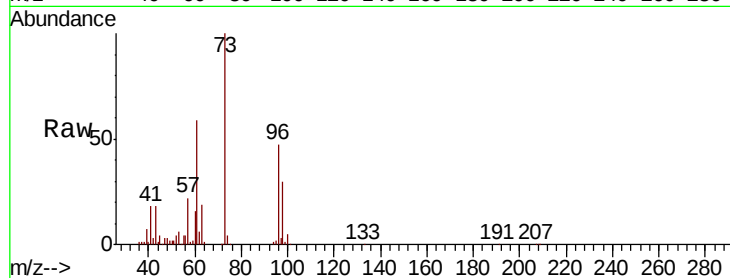


#19

Methyl tert-butyl Ether
 Concen: 53.118 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

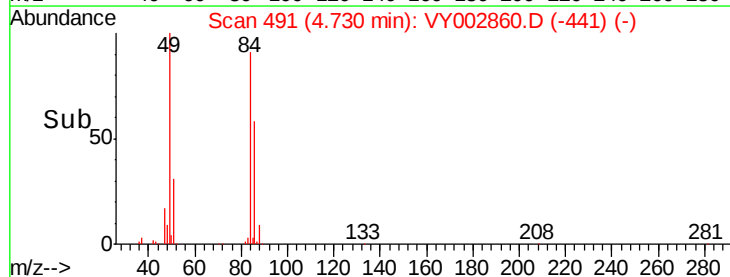
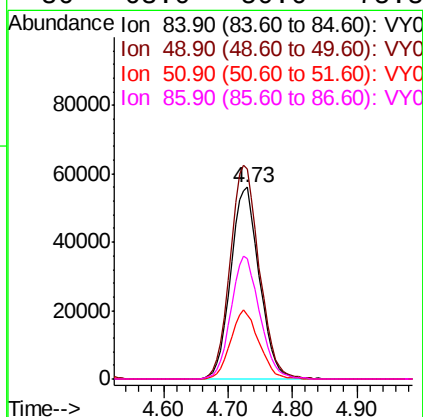
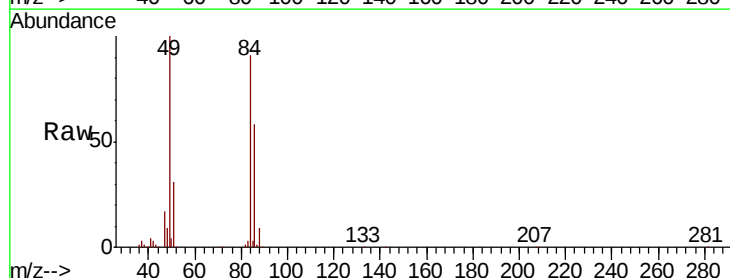
Tot Ion: 73 Resp: 393859
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.0 25.4

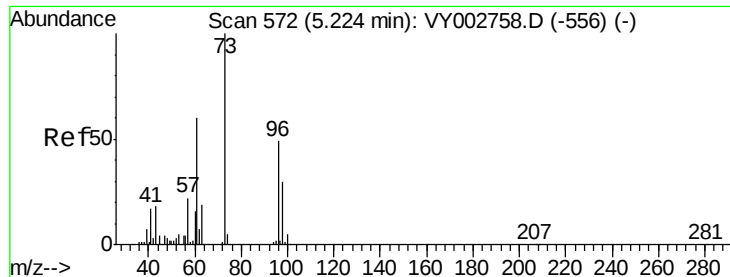


#20

Methylene Chloride
 Concen: 55.397 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Tgt Ion: 84 Resp: 174018
 Ion Ratio Lower Upper
 84 100
 49 109.4 88.5 132.7
 51 33.6 26.8 40.2
 86 63.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 51.135 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

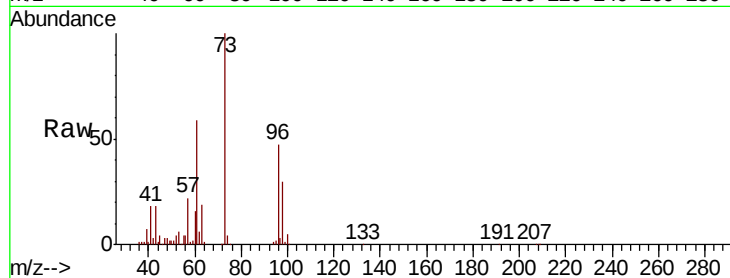
Tot Ion: 96 Resp: 154454

Ion Ratio Lower Upper

96 100

61 124.0 96.8 145.2

98 63.8 49.4 74.0

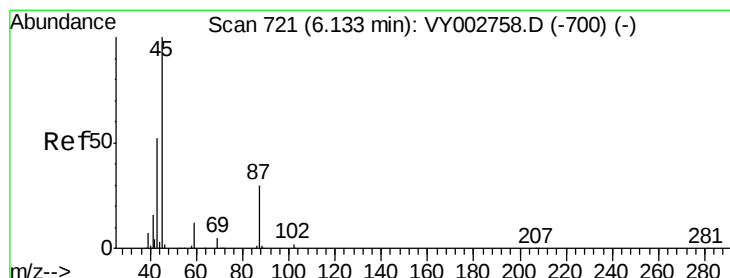
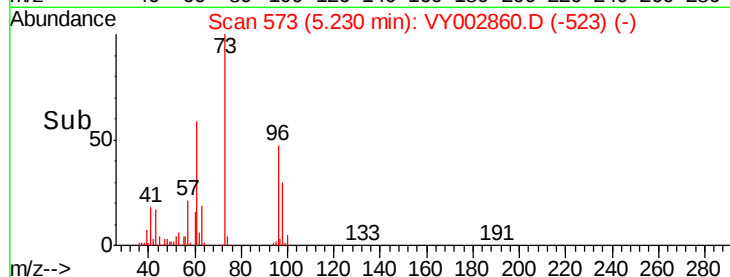
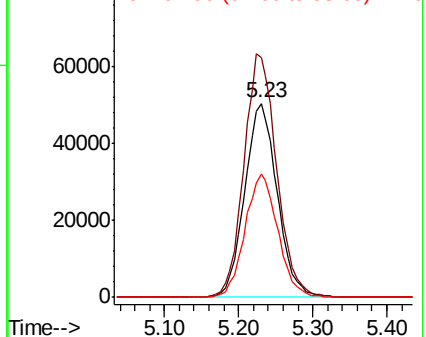


Abundance

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: 57.191 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Tgt Ion: 45 Resp: 457806

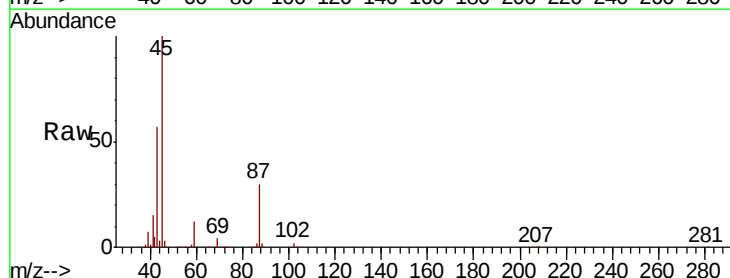
Ion Ratio Lower Upper

45 100

43 56.7 41.7 62.5

87 29.6 24.2 36.2

59 11.5 9.8 14.8



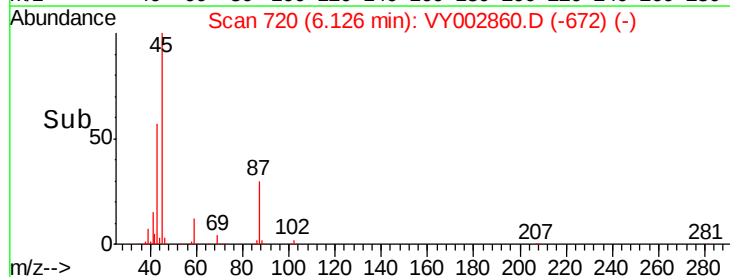
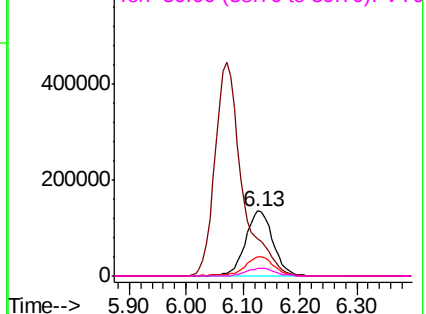
Abundance

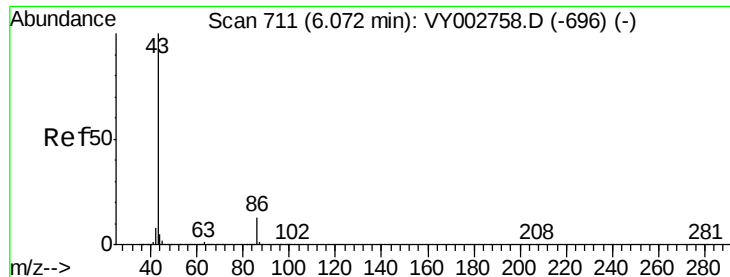
Ion 45.00 (44.70 to 45.70): VY0

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: 279.383 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

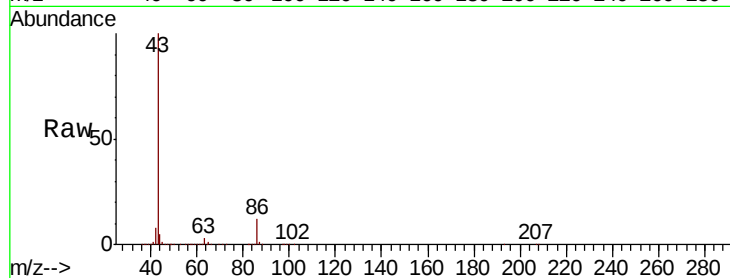
VSTDCCC050EC

Tot Ion: 43 Resp: 1476550

Ion Ratio Lower Upper

43 100

86 12.1 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

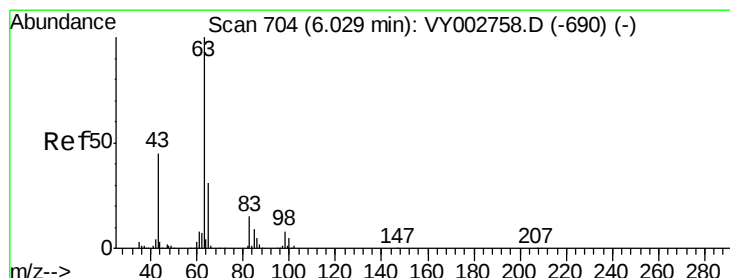
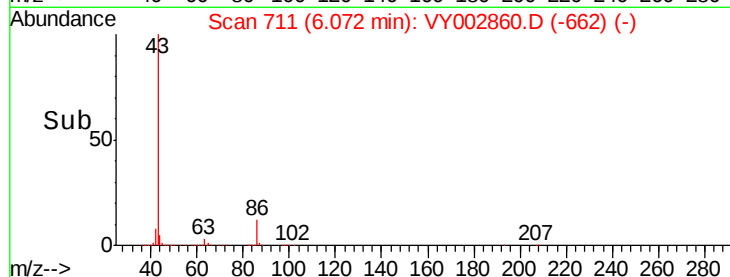
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.514 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

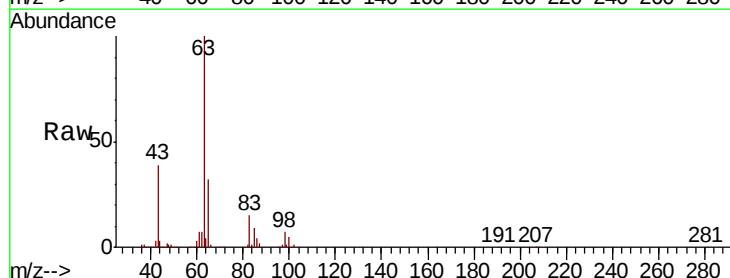
Tgt Ion: 63 Resp: 259954

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

100000

80000

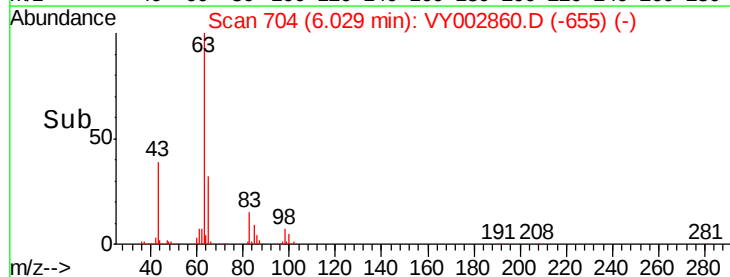
60000

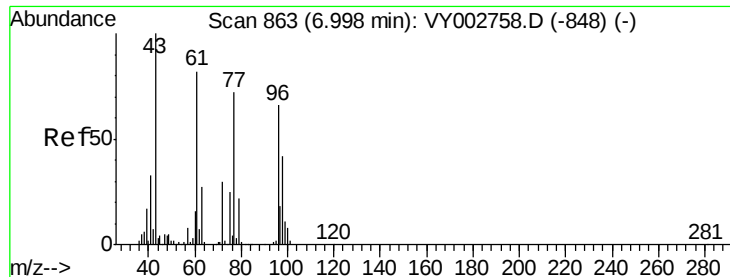
40000

20000

0

Time-->

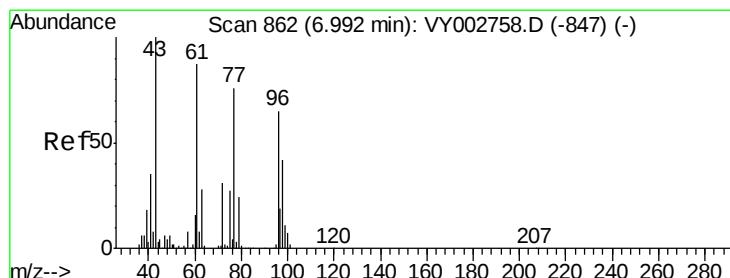
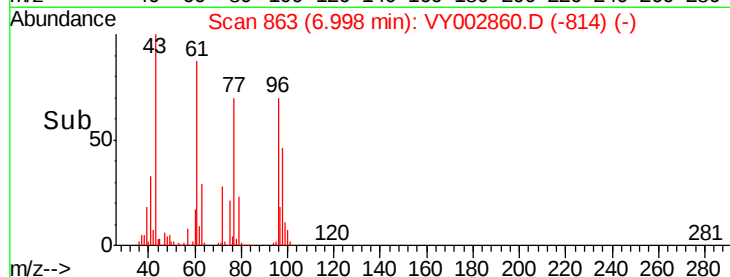
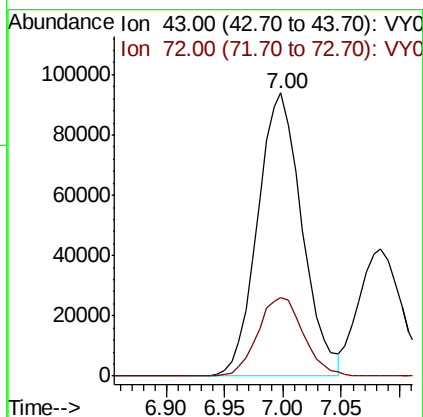
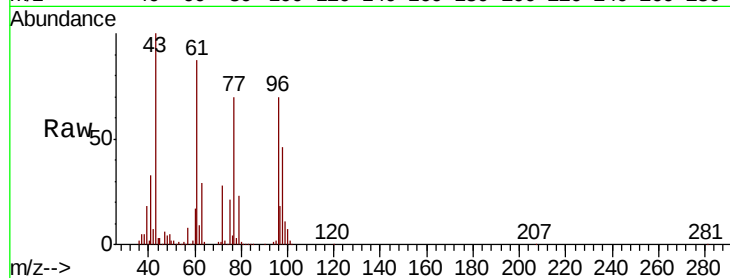




#25
2-Butanone
Concen: 247.327 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

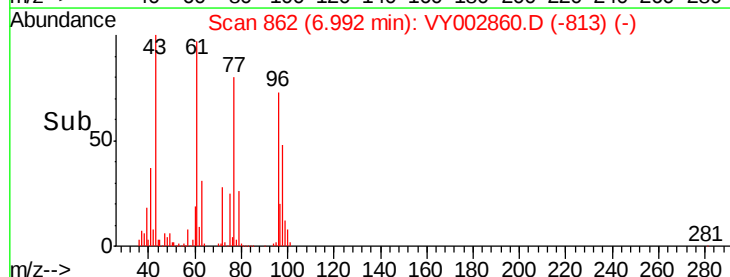
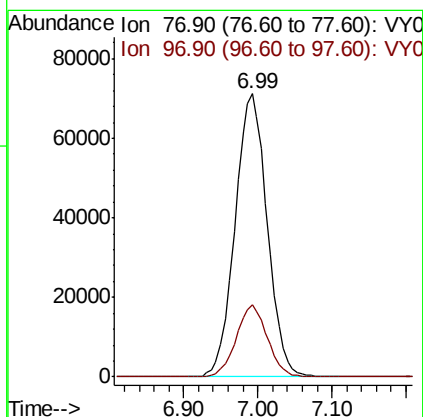
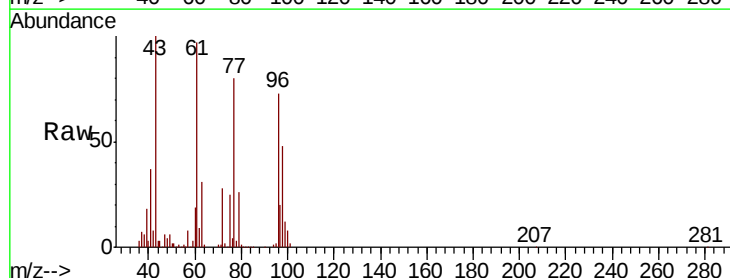
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

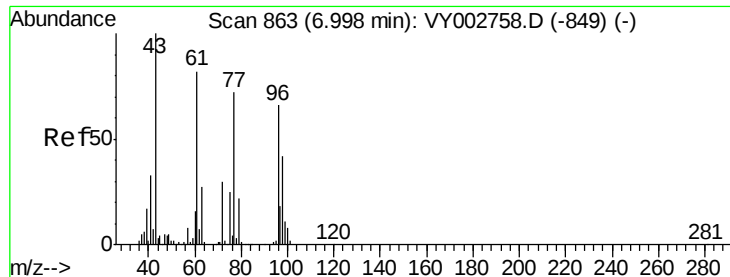
Tot Ion: 43 Resp: 247693
Ion Ratio Lower Upper
43 100
72 27.8 23.9 35.9



#26
2,2-Dichloropropane
Concen: 47.807 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion: 77 Resp: 214699
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6



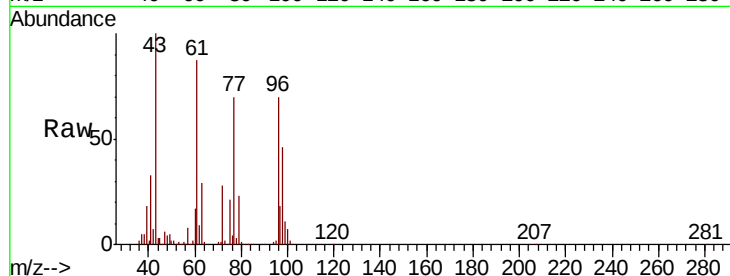


#27

cis-1,2-Dichloroethene
 Concen: 53.214 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	96	Resp	179934
Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	260.2
98	64.8	0.0	128.2

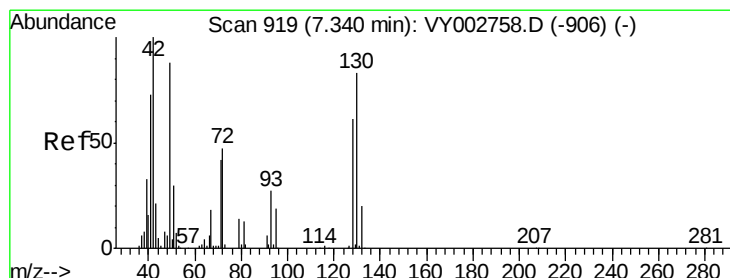
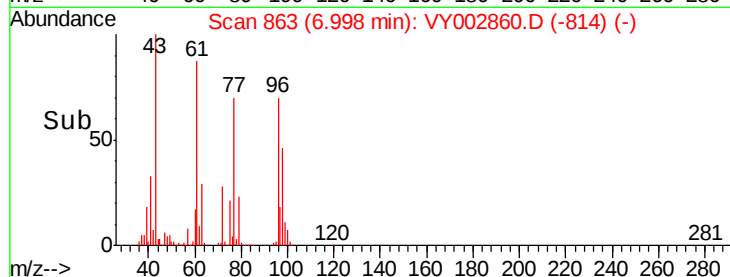
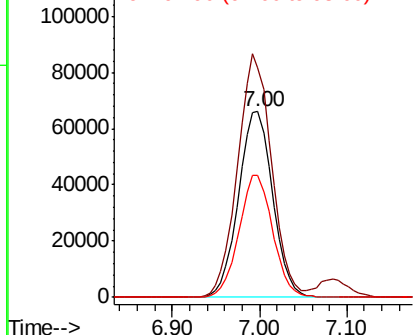


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

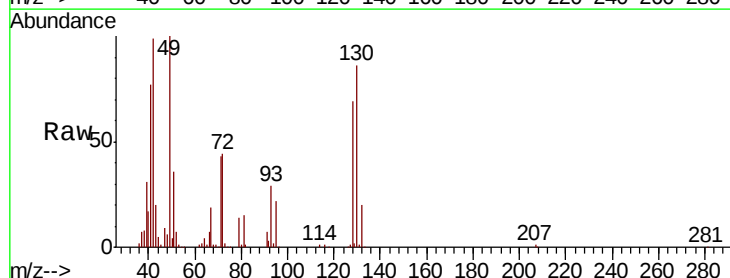
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
 Concen: 56.285 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Tgt Ion	49	Resp	108197
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	90.8	77.1	115.7

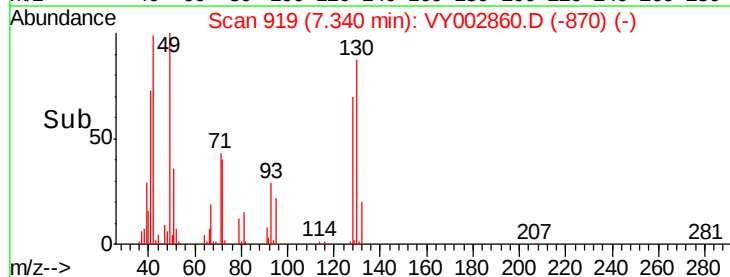
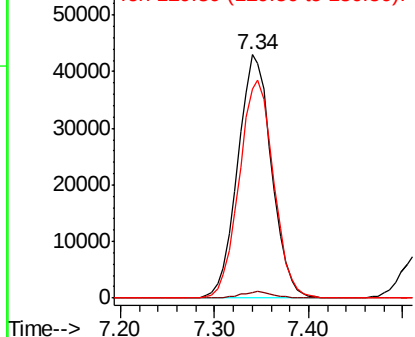


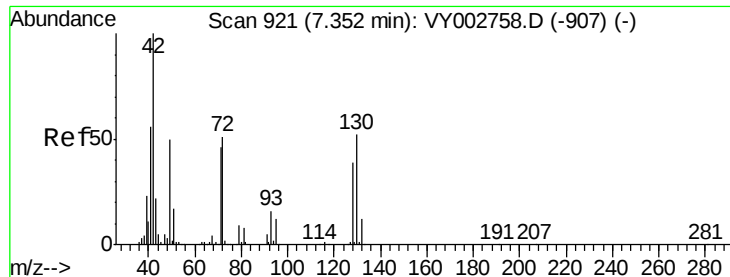
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 257.285 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

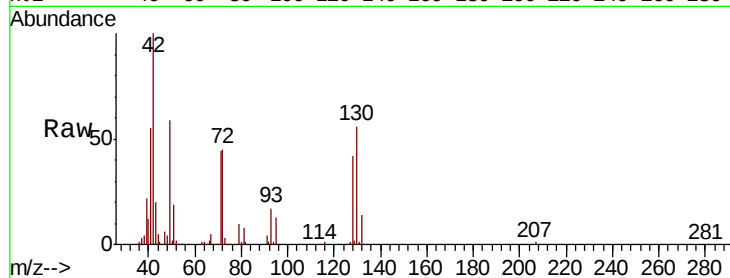
Tot Ion: 42 Resp: 167602

Ion Ratio Lower Upper

42 100

72 46.6 38.6 58.0

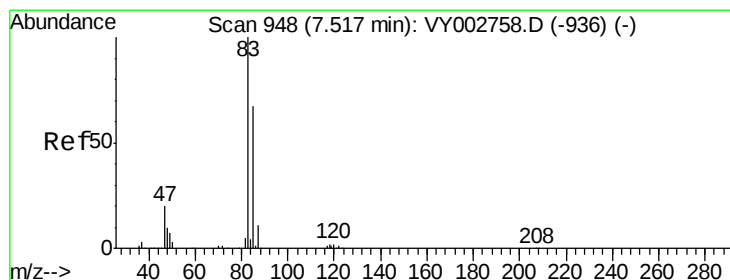
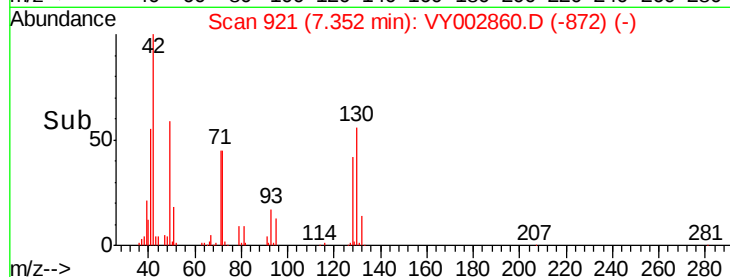
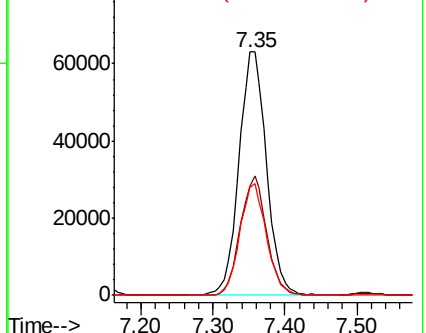
71 44.4 35.8 53.8



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: 54.450 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002860.D

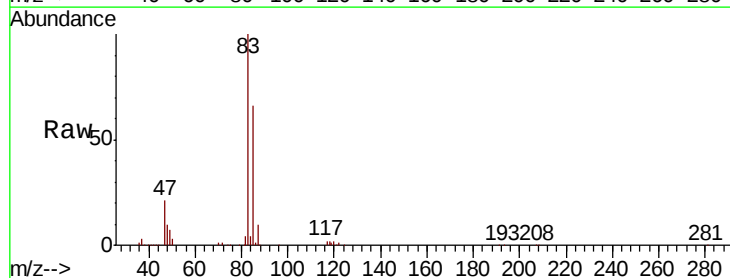
Acq: 05 Jun 2020 20:34

Tgt Ion: 83 Resp: 270561

Ion Ratio Lower Upper

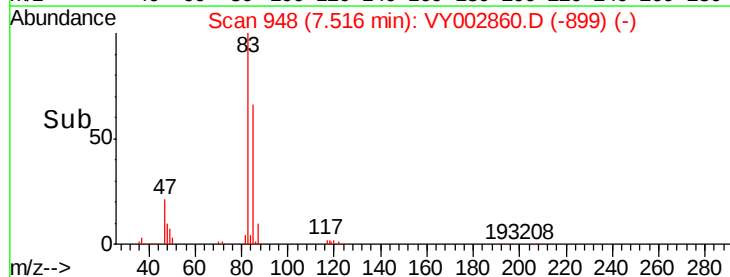
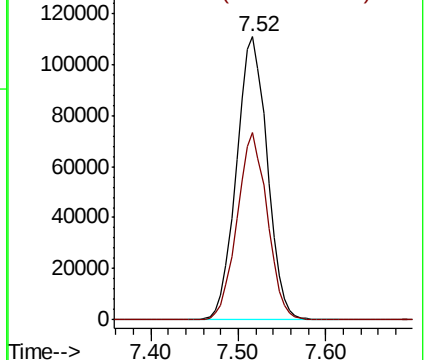
83 100

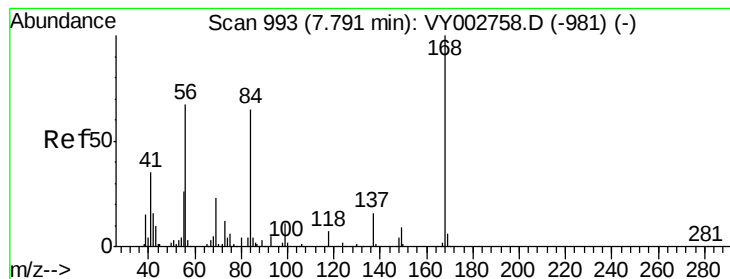
85 66.1 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 48.559 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

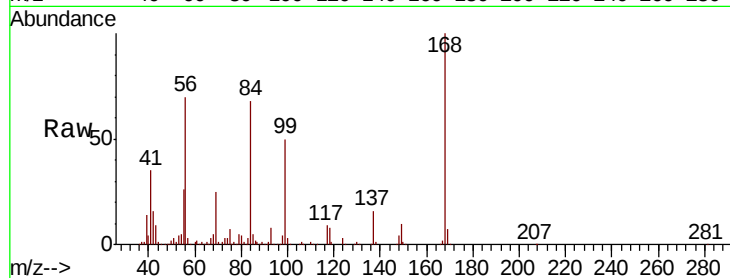
Tot Ion: 56 Resp: 225764

Ion Ratio Lower Upper

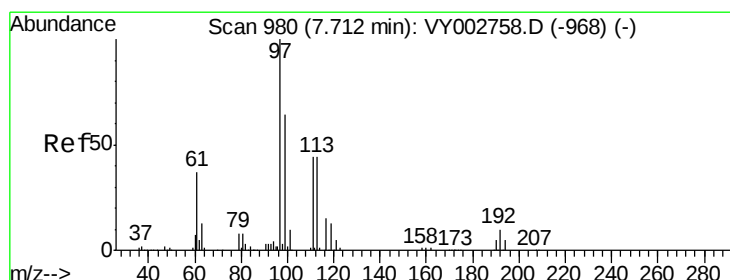
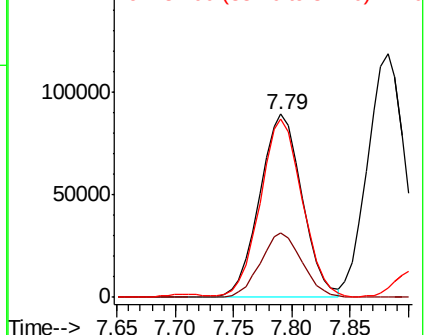
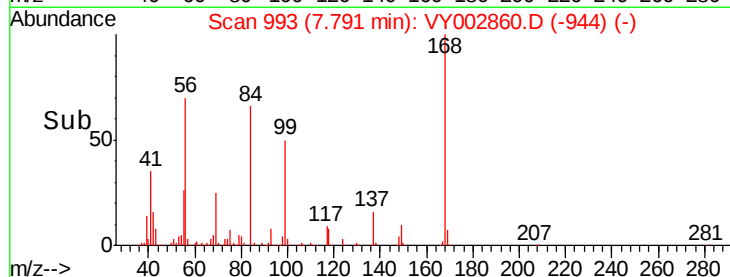
56 100

69 35.4 28.0 42.0

84 95.9 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: 51.031 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

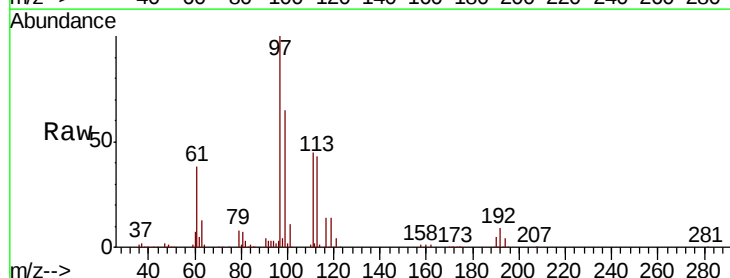
Tgt Ion: 97 Resp: 236294

Ion Ratio Lower Upper

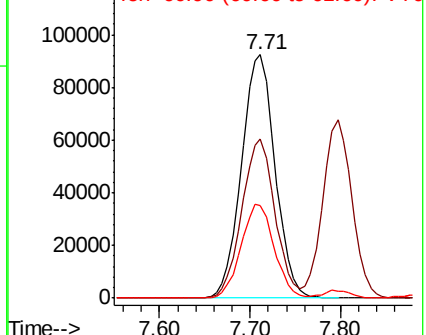
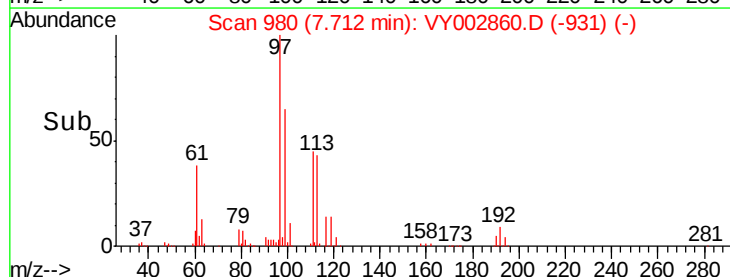
97 100

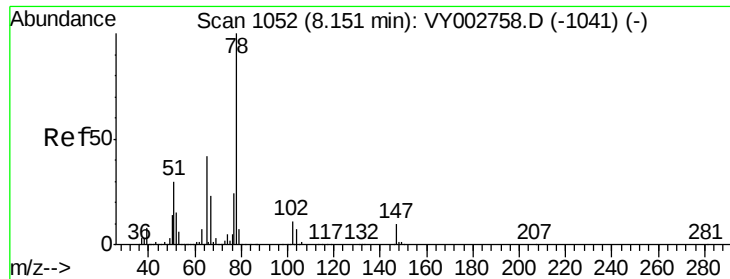
99 64.7 51.4 77.0

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

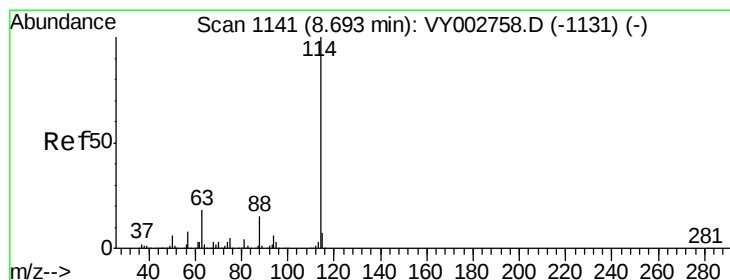
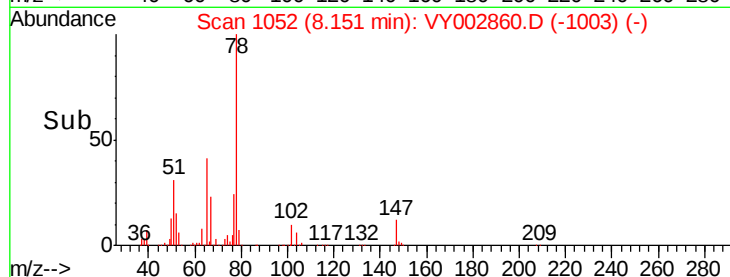
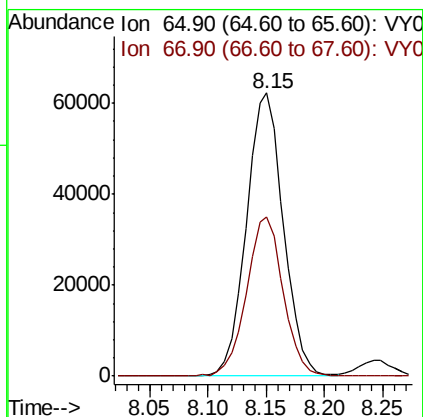
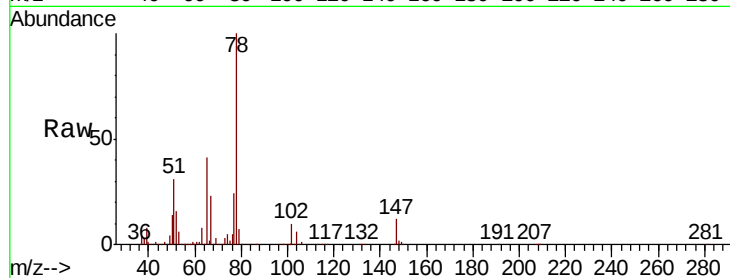




#33
 1,2-Dichloroethane-d4
 Concen: 49.962 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

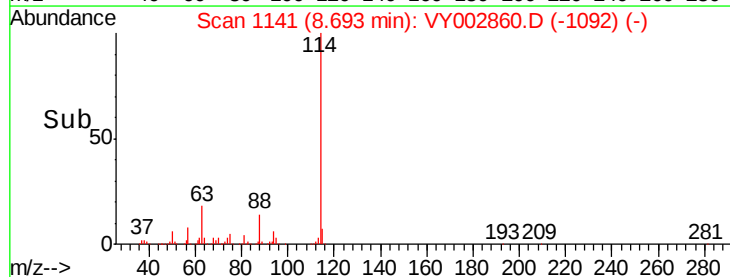
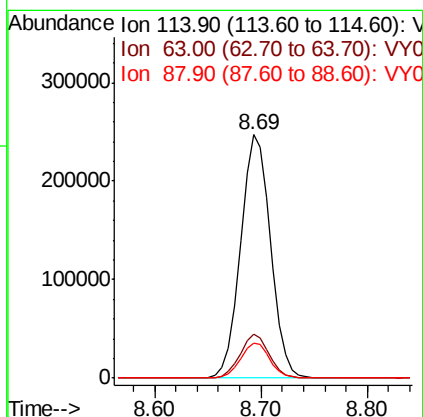
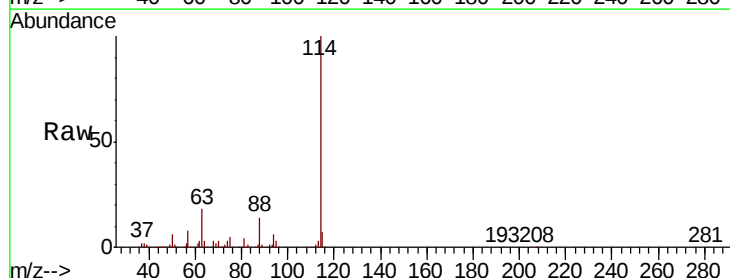
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

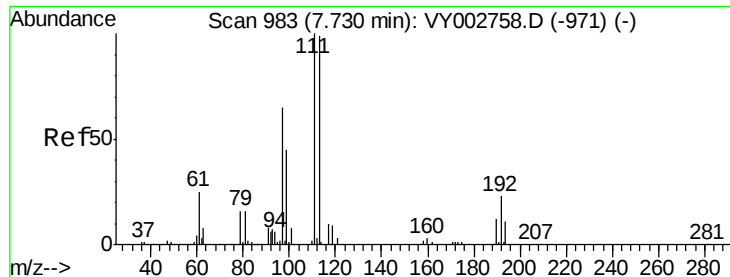
Tot Ion: 65 Resp: 136962
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Tgt Ion: 114 Resp: 486684
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 50.672 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

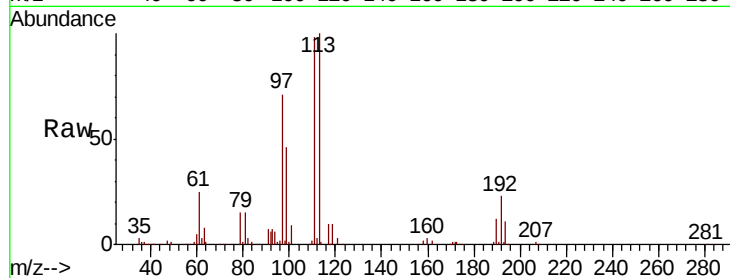
Tot Ion:113 Resp: 144526

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

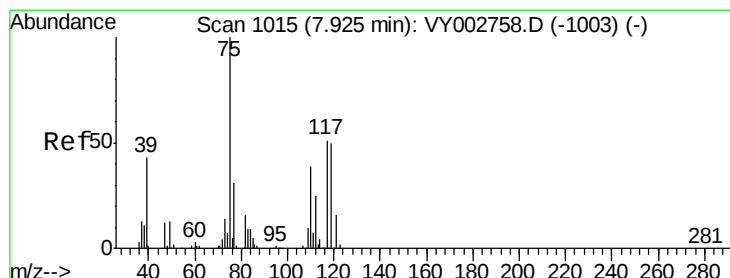
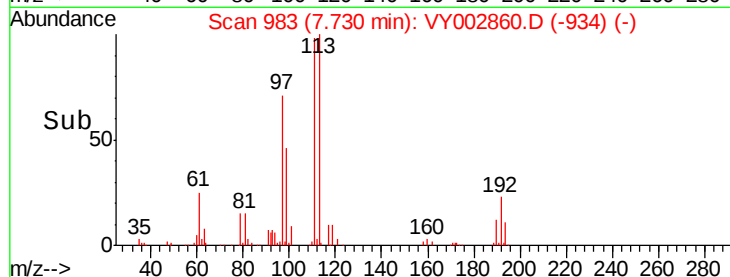
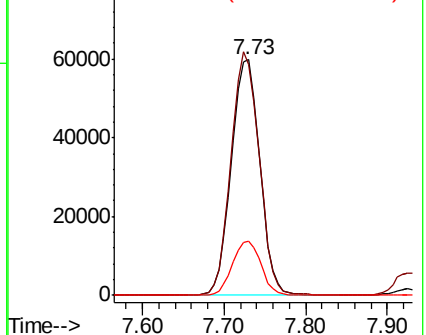
192 22.8 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.956 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

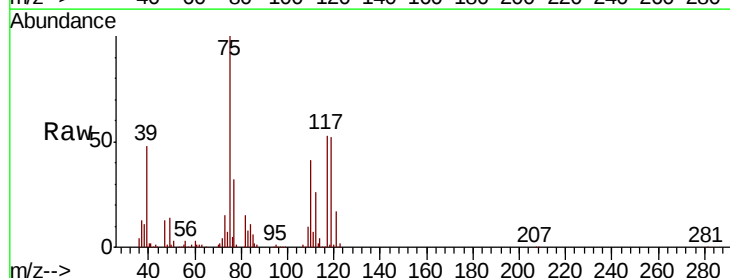
Tgt Ion: 75 Resp: 200706

Ion Ratio Lower Upper

75 100

110 38.7 19.3 57.9

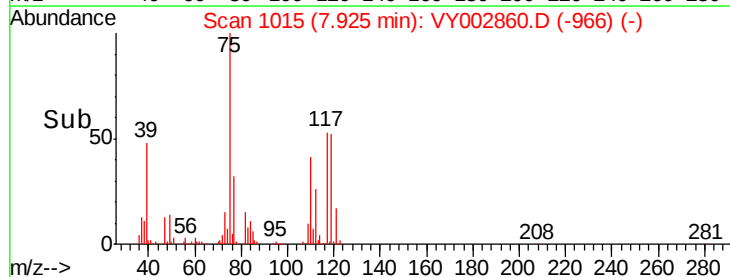
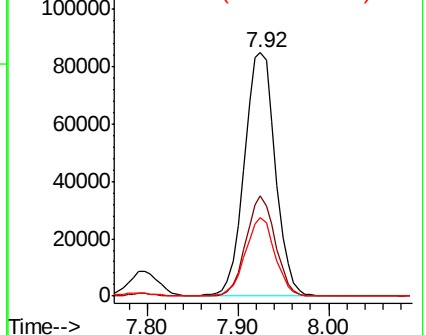
77 31.0 24.8 37.2

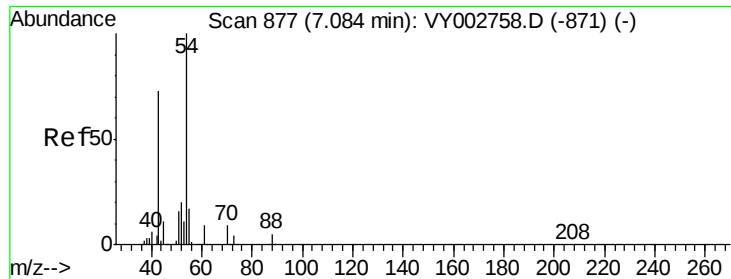


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

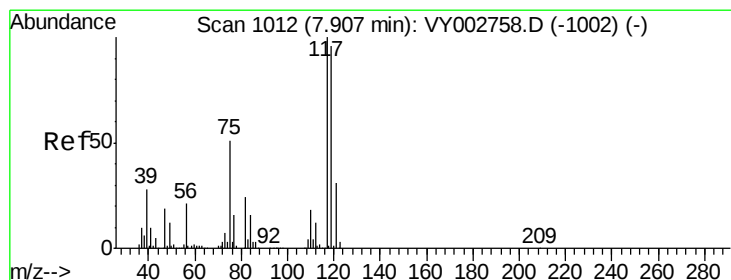
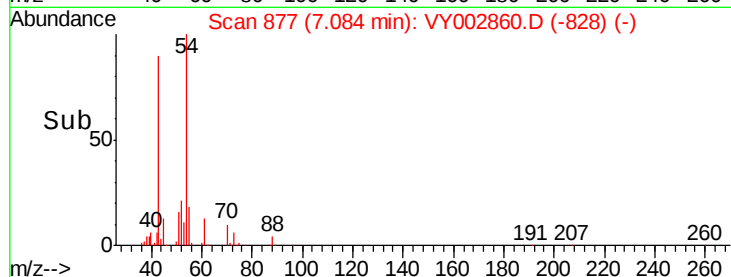
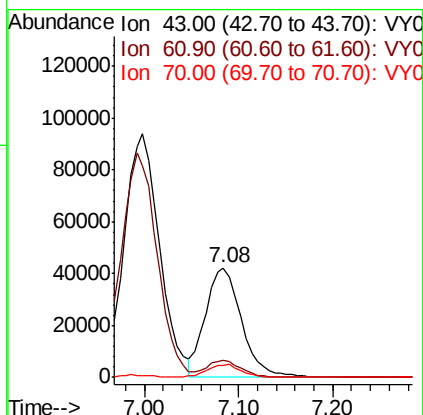
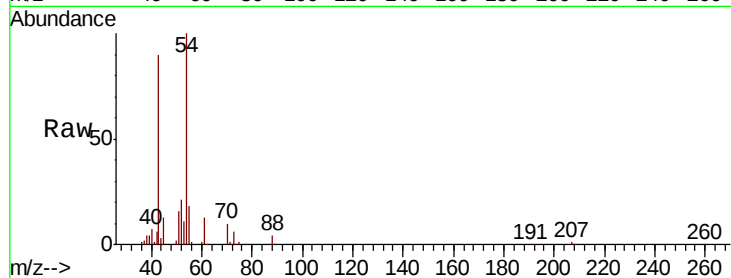




#37
Ethyl Acetate
Concen: 49.984 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

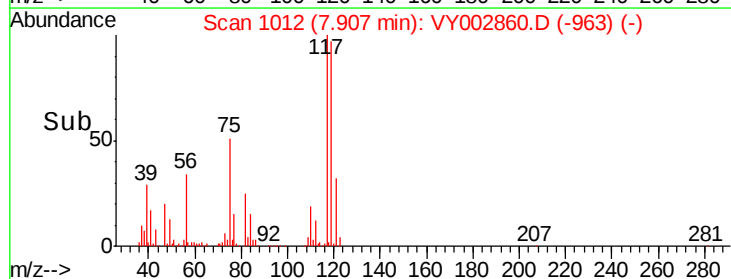
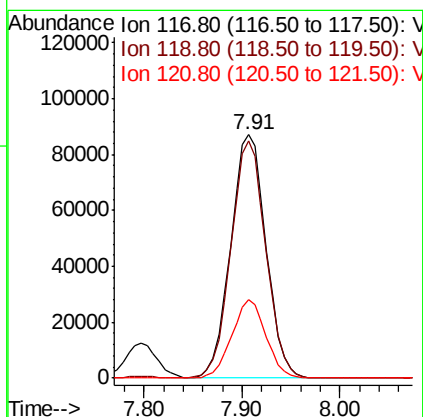
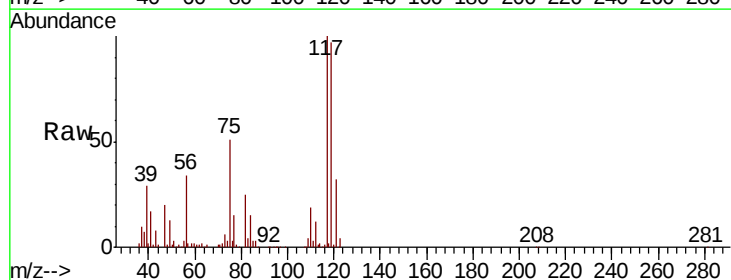
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

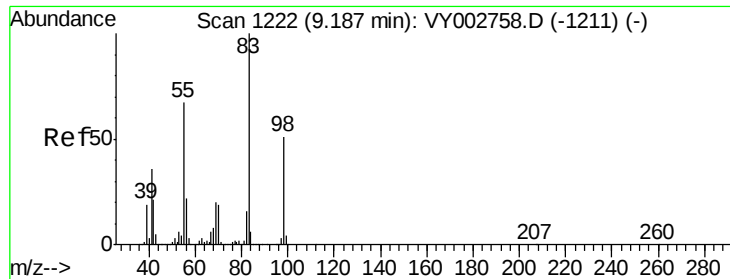
Tot Ion: 43 Resp: 111491
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 11.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 47.731 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion: 117 Resp: 217383
Ion Ratio Lower Upper
117 100
119 97.4 76.8 115.2
121 32.3 24.8 37.2

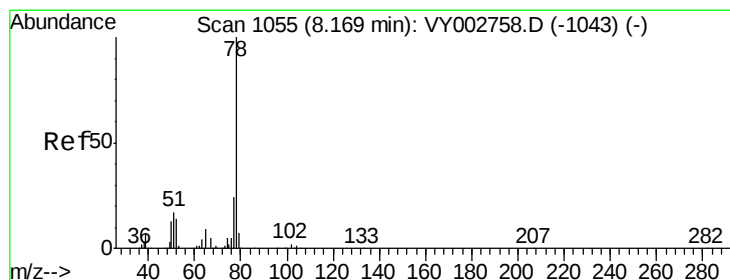
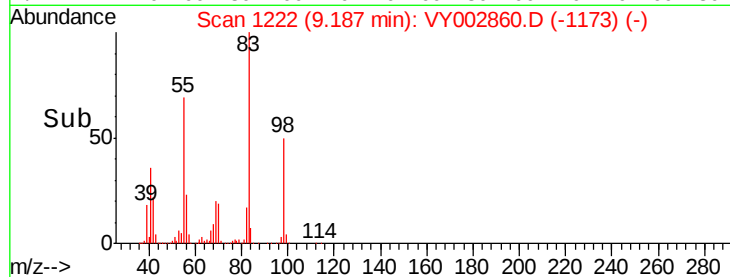
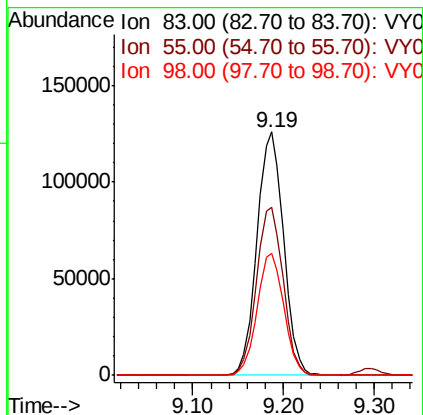
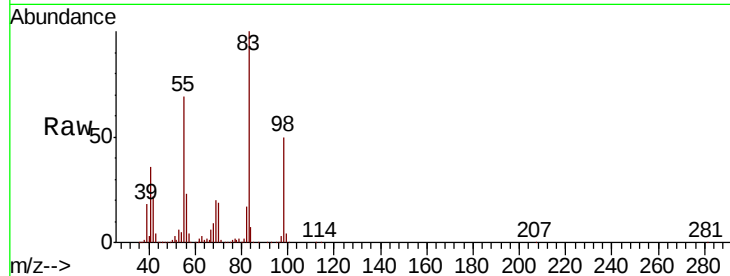




#39
Methvlcvclohexane
Concen: 47.419 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

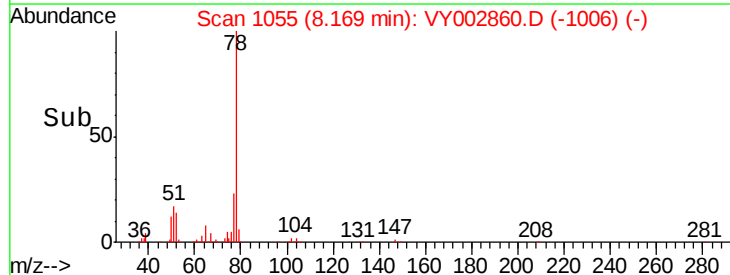
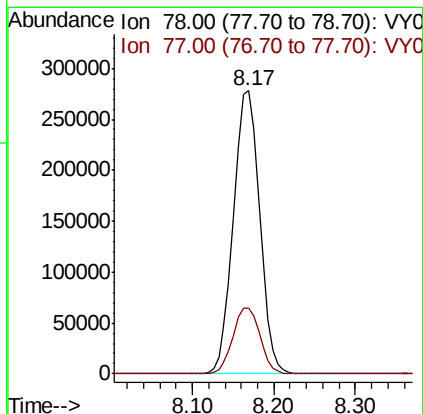
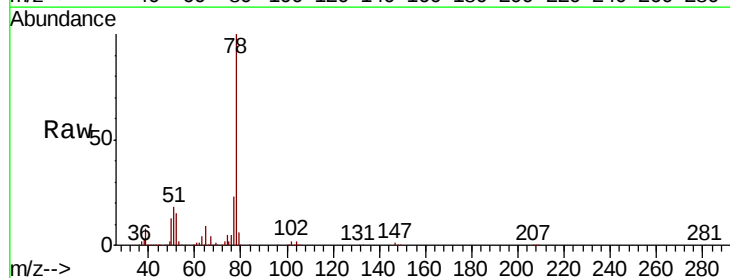
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

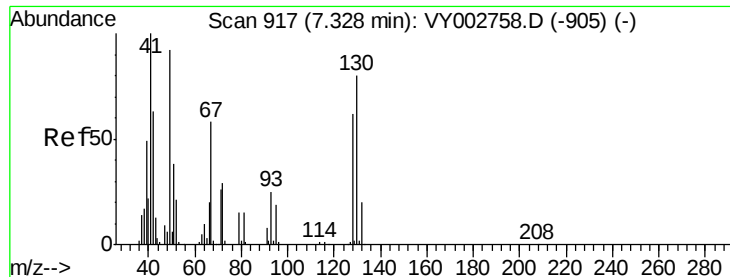
Tot Ion: 83 Resp: 256242
Ion Ratio Lower Upper
83 100
55 69.3 53.3 79.9
98 49.9 41.1 61.7



#40
Benzene
Concen: 51.069 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion: 78 Resp: 618641
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

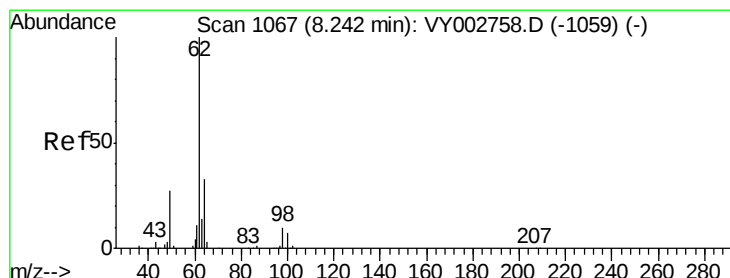
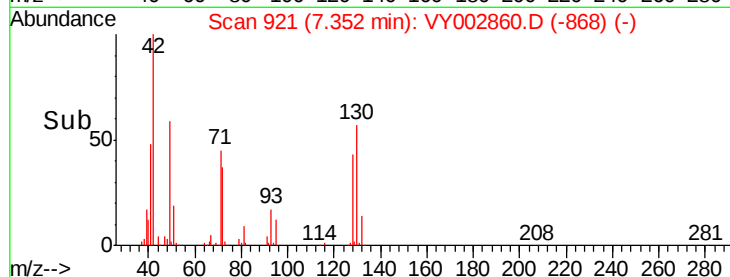
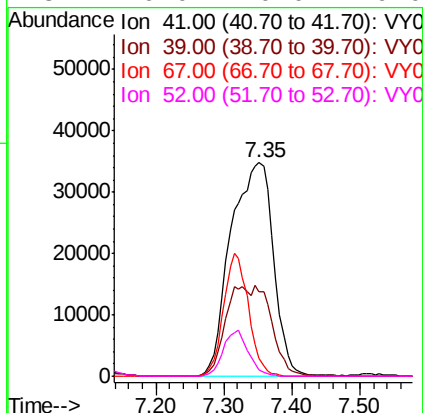
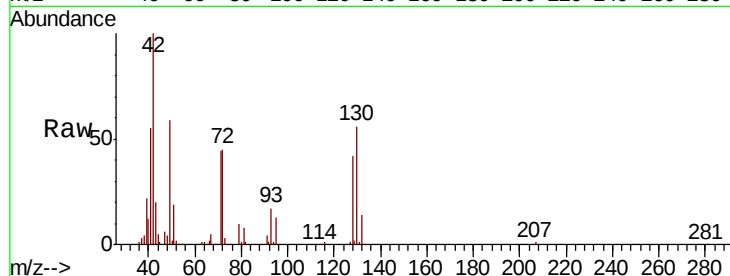




#41
Methacrylonitrile
Concen: 126.622 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

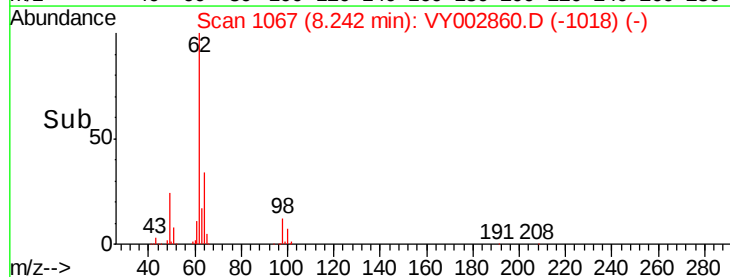
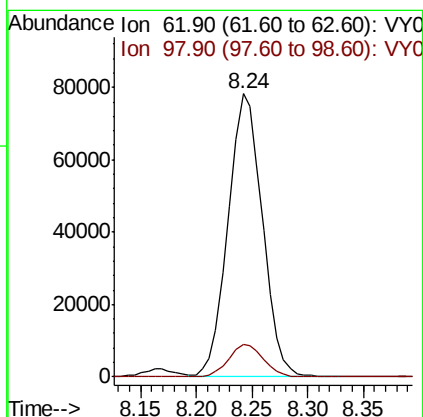
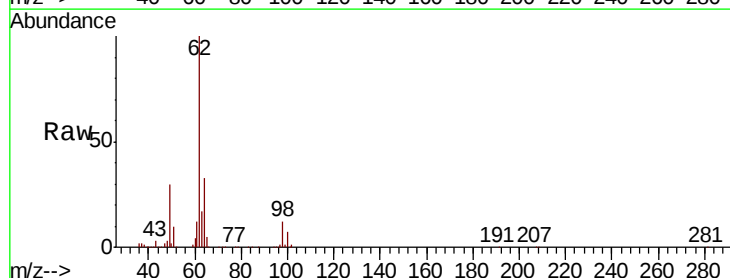
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

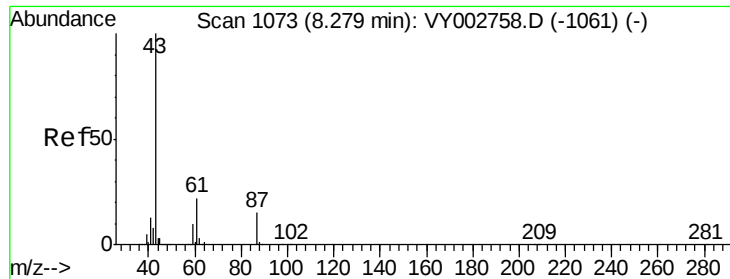
Tot Ion:	41	Resp:	151732
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.243 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion:	62	Resp:	167175
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.6



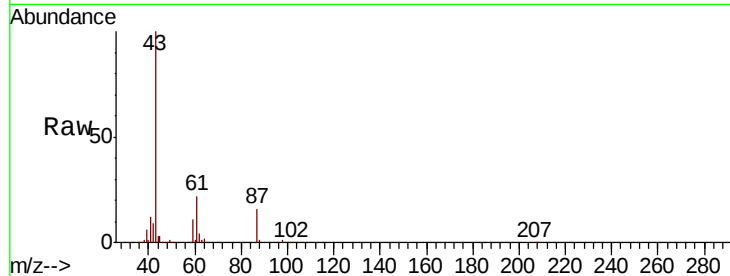


#43

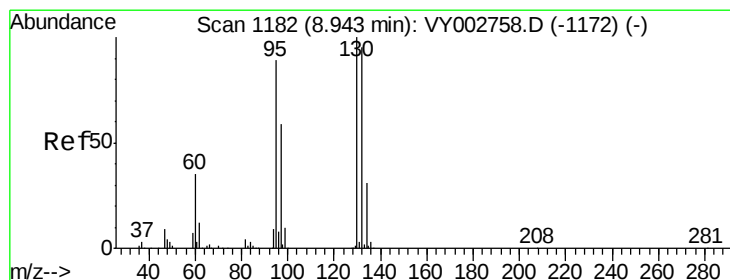
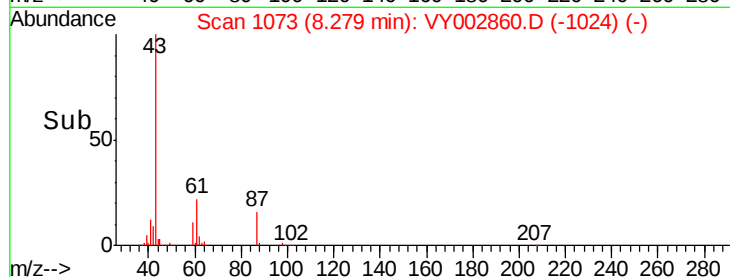
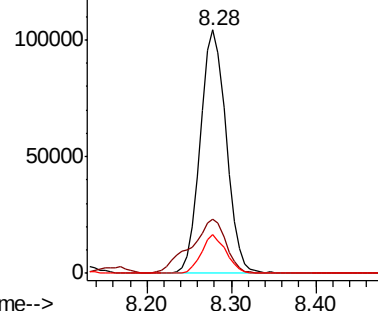
Isopropyl Acetate
 Concen: 51.178 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	216323
Ion Ratio	Lower	Upper	
43	100		
61	30.7	24.8	37.2
87	15.1	12.4	18.6



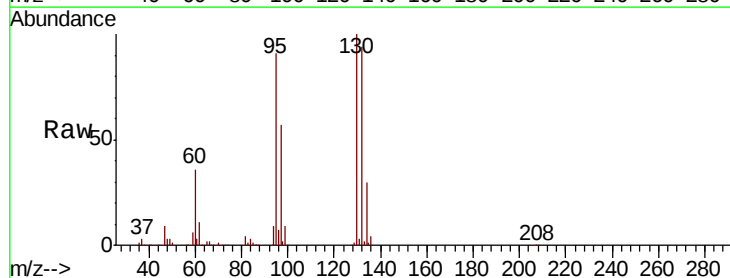
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



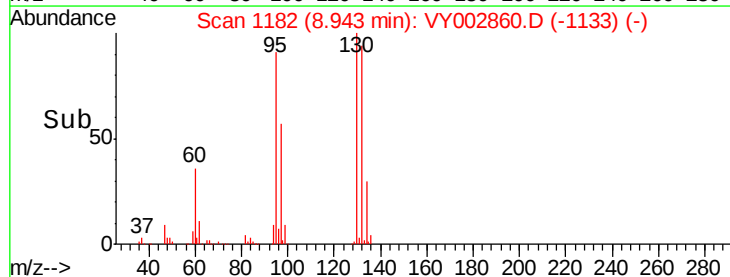
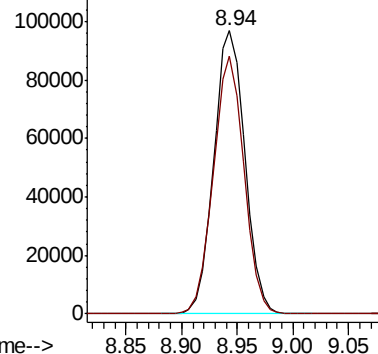
#44

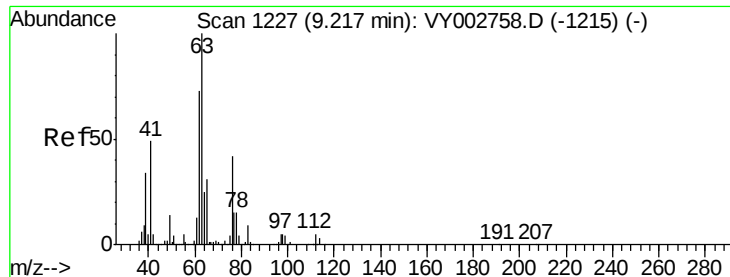
Trichloroethene
 Concen: 48.969 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Tgt Ion	130	Resp	187373
Ion Ratio	Lower	Upper	
130	100		
95	91.0	0.0	178.8



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





#45

1,2-Dichloropropane

Concen: 53.525 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

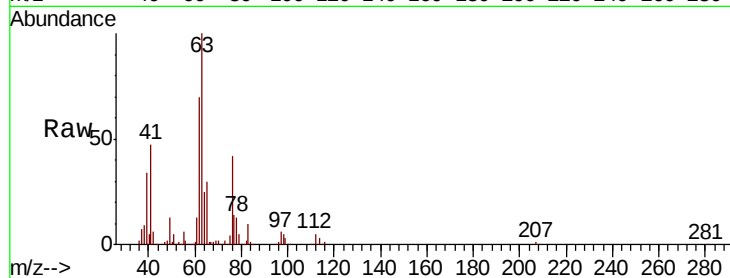
VSTDCCC050EC

Tot Ion: 63 Resp: 155491

Ion Ratio Lower Upper

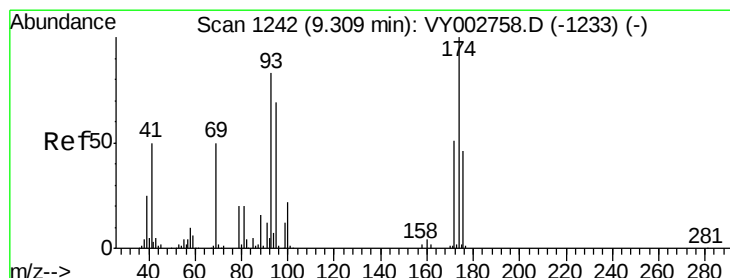
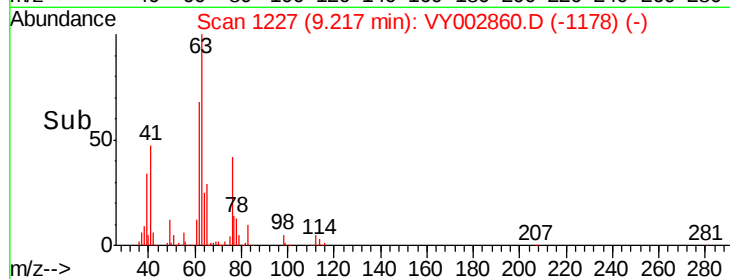
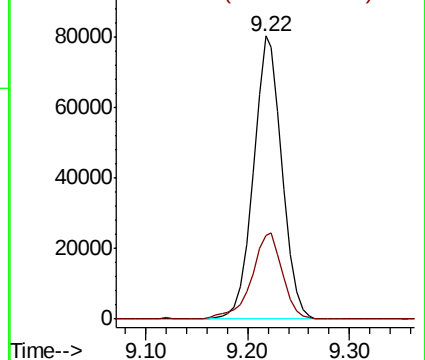
63 100

65 29.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 51.127 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

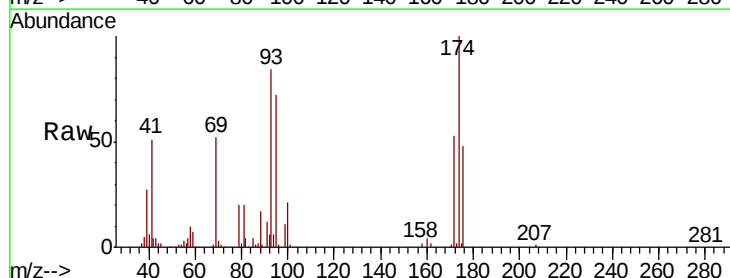
Tgt Ion: 93 Resp: 88208

Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

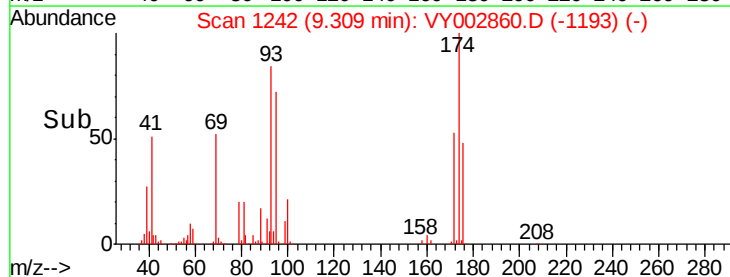
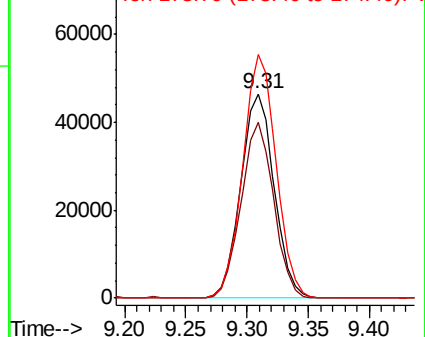
174 118.9 97.7 146.5

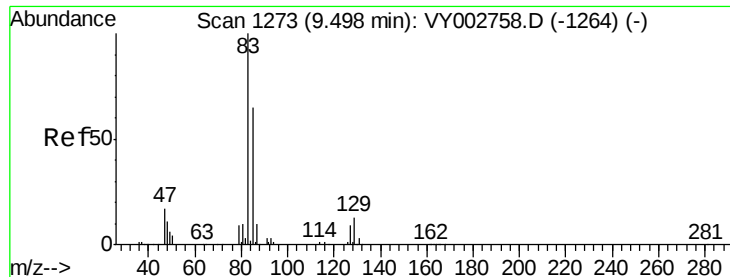


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.421 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

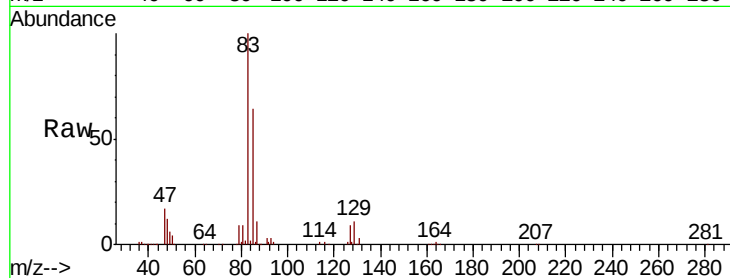
Tot Ion: 83 Resp: 213206

Ion Ratio Lower Upper

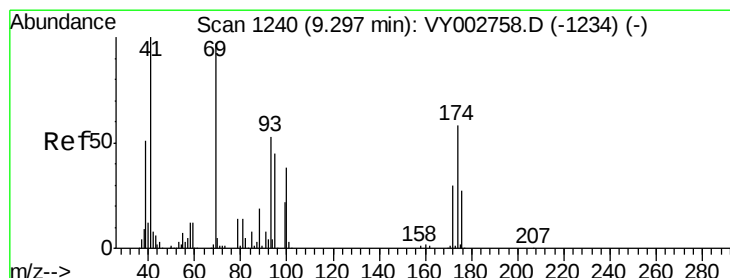
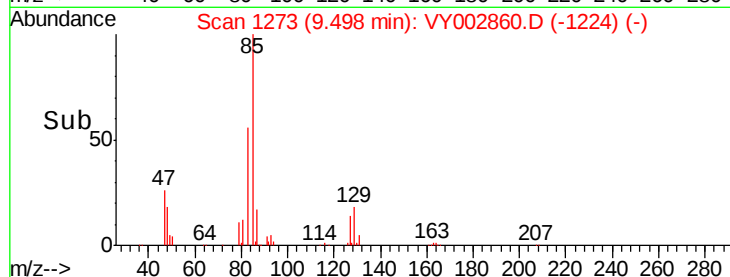
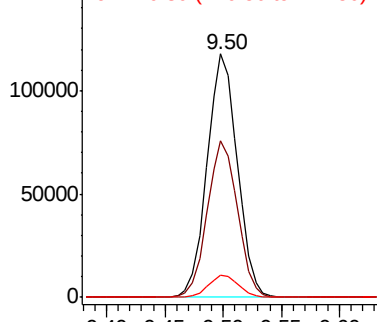
83 100

85 64.1 51.9 77.9

127 9.1 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: 50.660 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

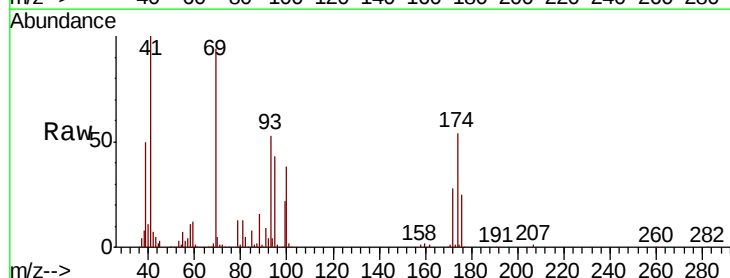
Tgt Ion: 41 Resp: 96667

Ion Ratio Lower Upper

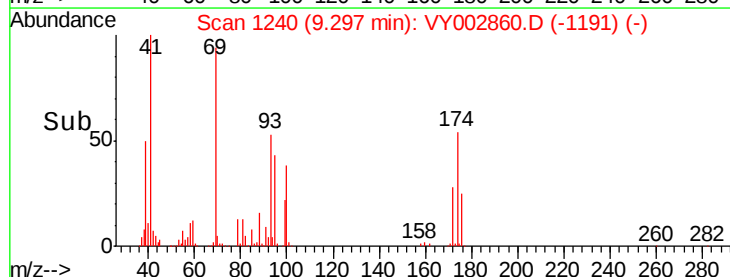
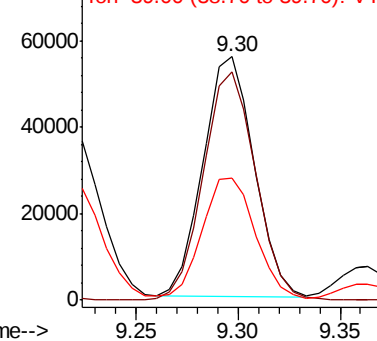
41 100

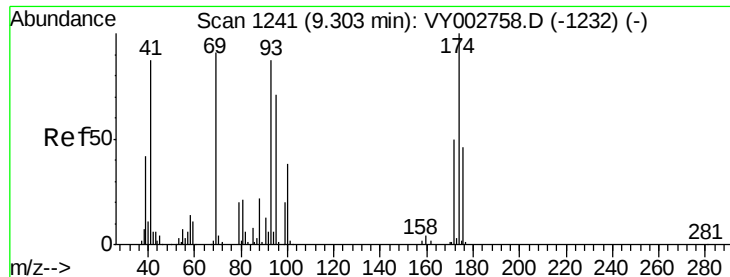
69 97.3 79.7 119.5

39 53.6 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

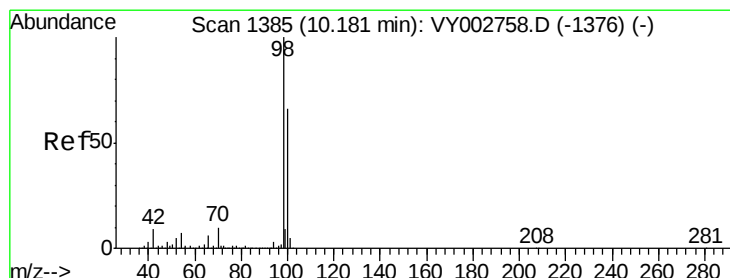
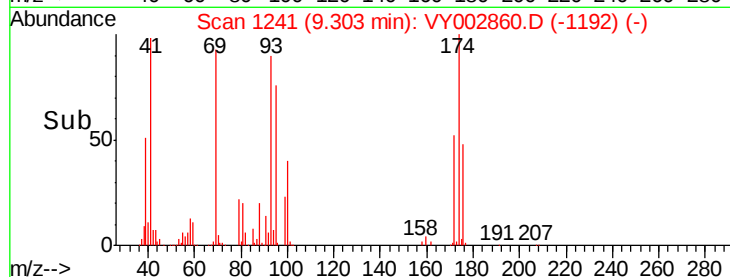
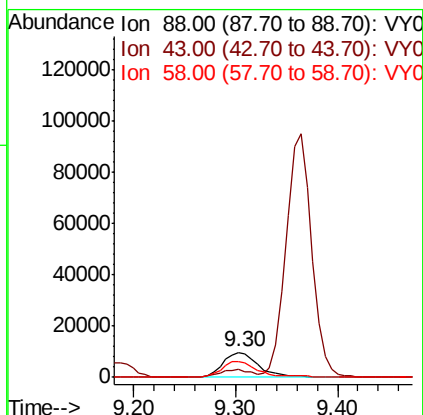
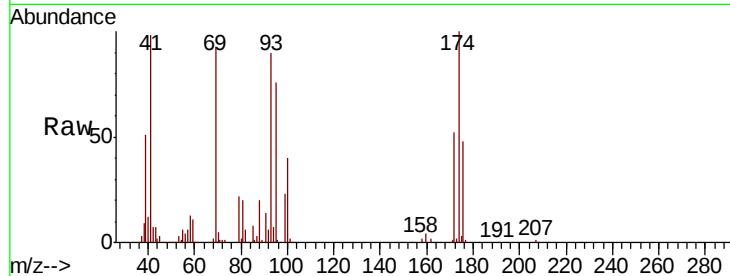




#49
1,4-Dioxane
Concen: 897.976 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

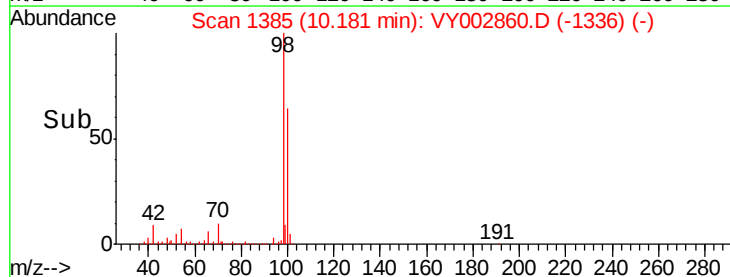
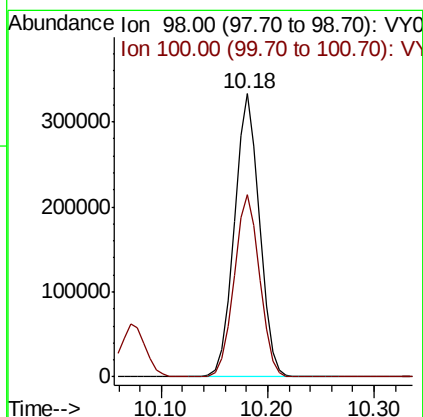
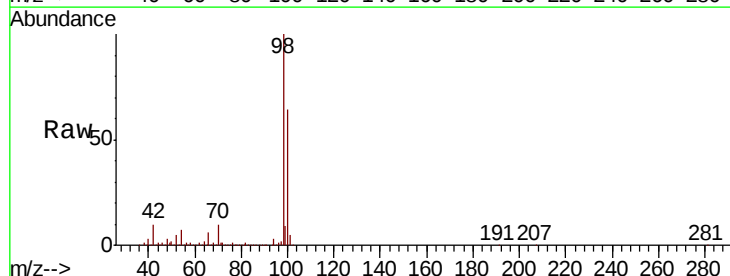
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

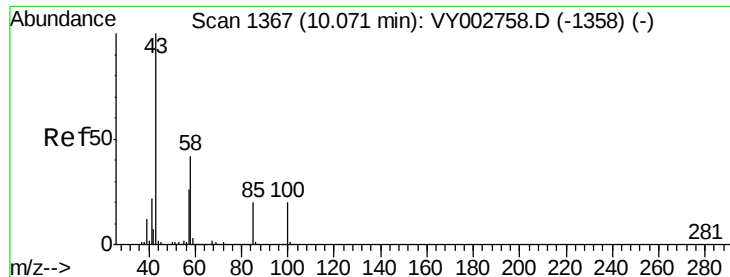
Tot Ion: 88 Resp: 23788
Ion Ratio Lower Upper
88 100
43 26.9 21.3 31.9
58 66.9 52.2 78.2



#50
Toluene-d8
Concen: 47.648 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion: 98 Resp: 549493
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 249.320 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

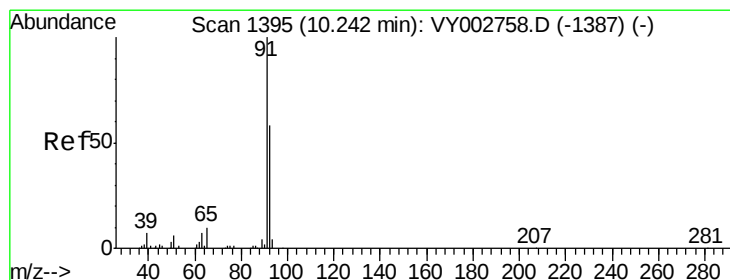
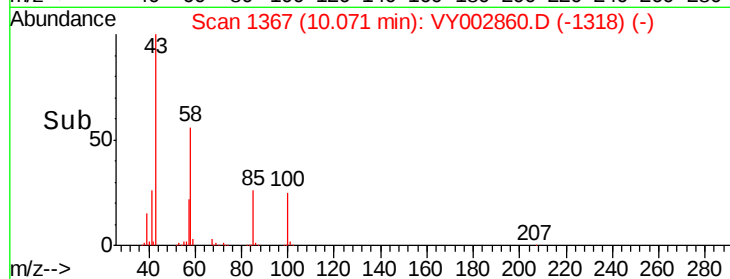
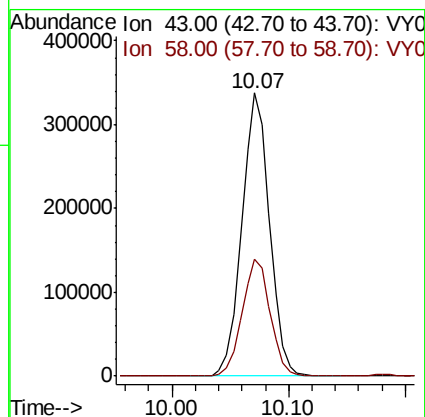
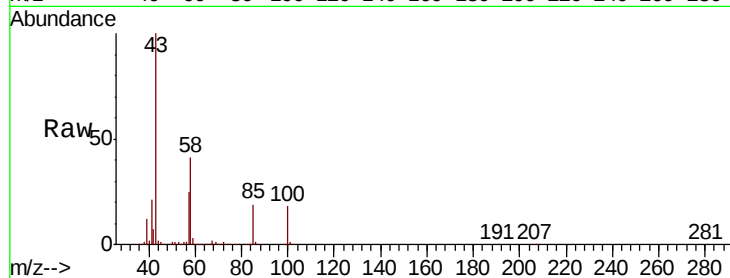
VSTDCCC050EC

Tot Ion: 43 Resp: 558041

Ion Ratio Lower Upper

43 100

58 42.0 34.2 51.2



#52

Toluene

Concen: 49.902 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002860.D

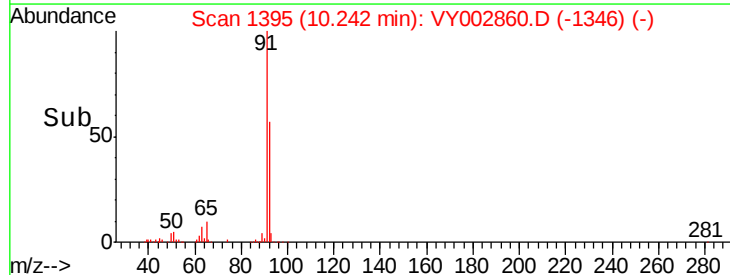
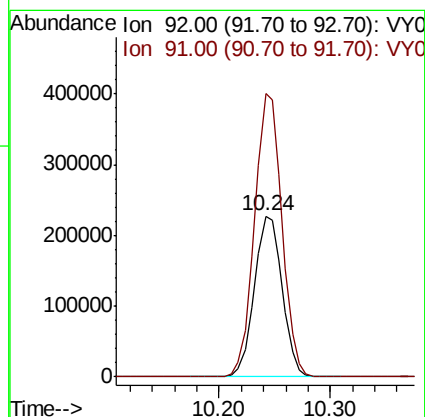
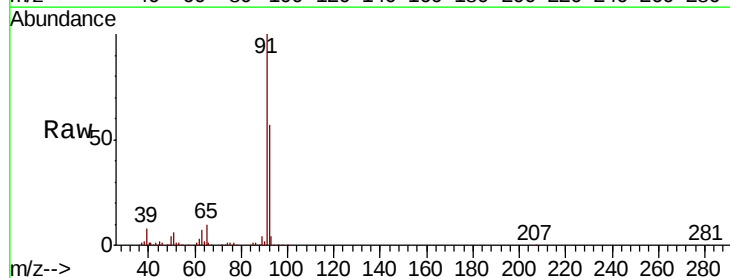
Acq: 05 Jun 2020 20:34

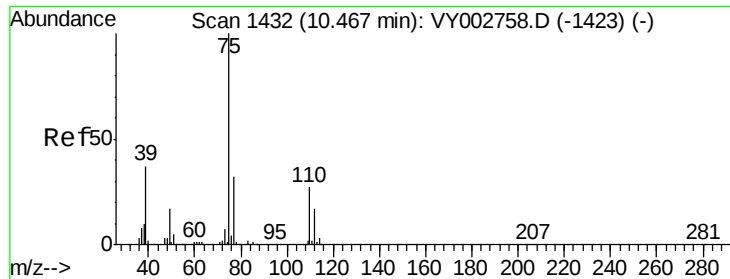
Tgt Ion: 92 Resp: 395449

Ion Ratio Lower Upper

92 100

91 173.7 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 50.337 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

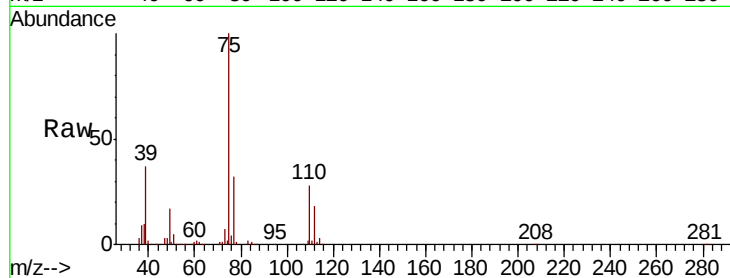
VSTDCCC050EC

Tot Ion: 75 Resp: 223617

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

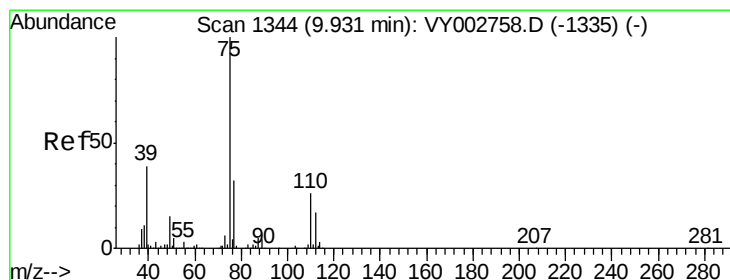
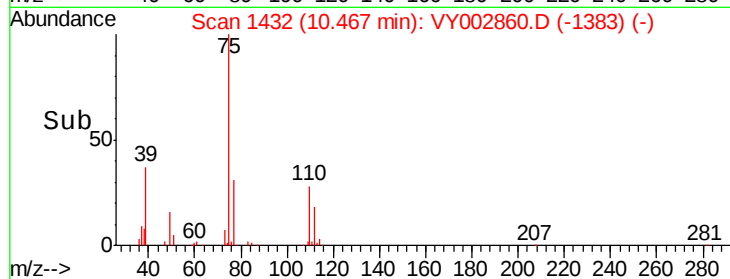
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.351 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

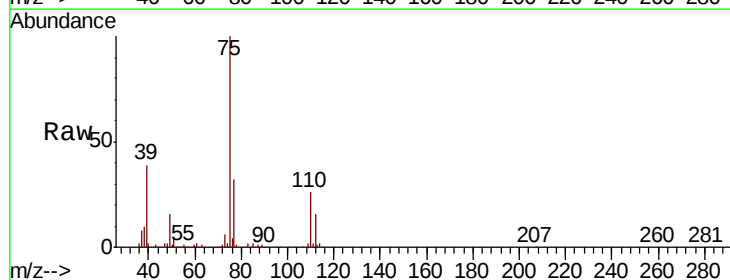
Tgt Ion: 75 Resp: 258490

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 39.2 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

200000

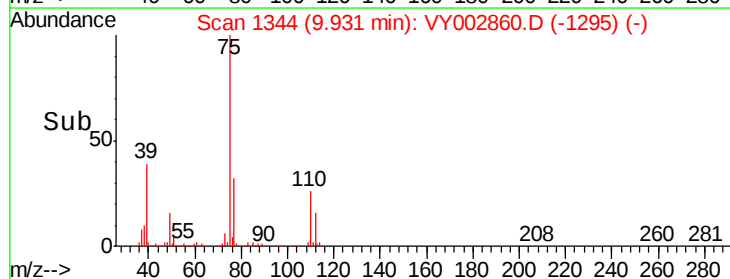
150000

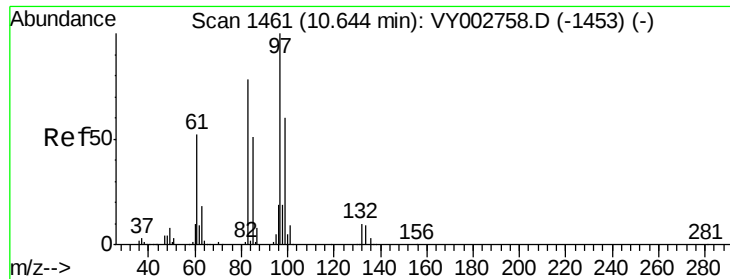
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.075 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 132263

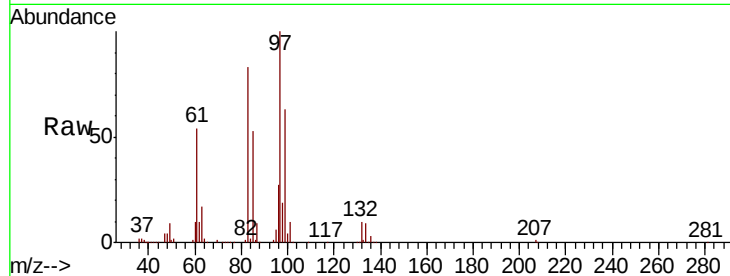
Ion Ratio Lower Upper

97 100

83 83.7 62.7 94.1

85 53.5 40.6 60.8

99 63.6 48.2 72.4

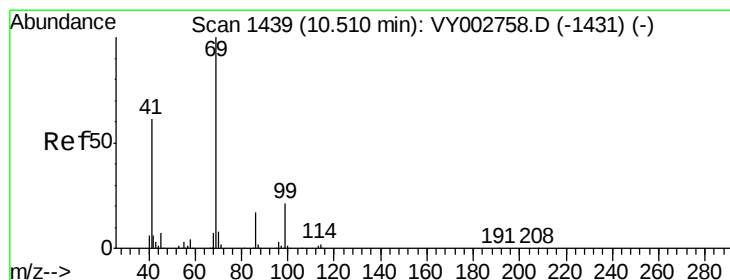
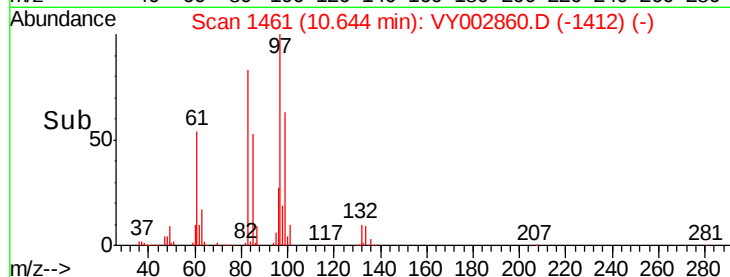
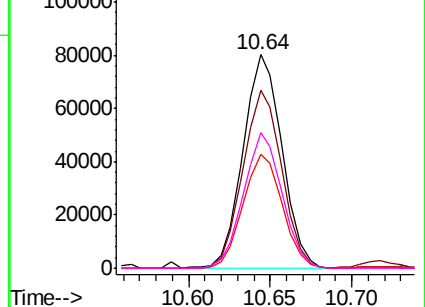


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 51.155 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

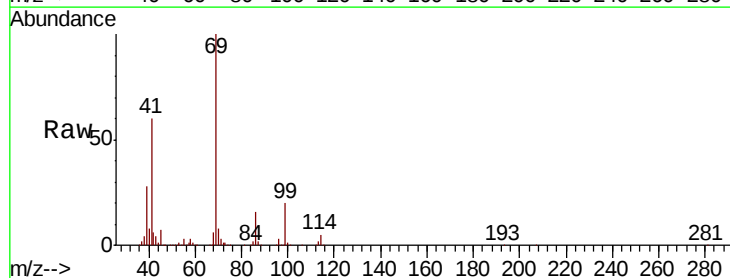
Tgt Ion: 69 Resp: 180974

Ion Ratio Lower Upper

69 100

41 59.5 47.0 70.4

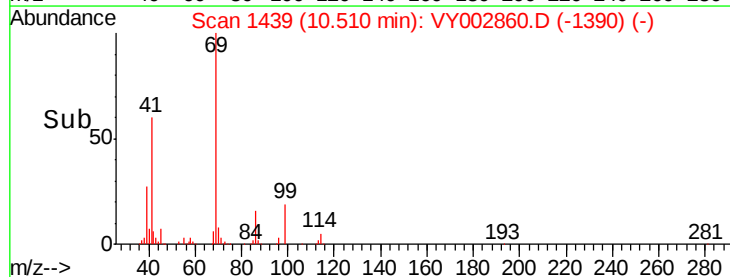
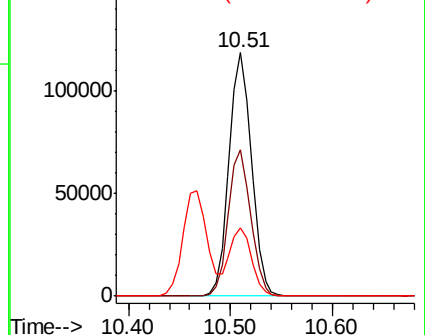
39 26.8 22.0 33.0

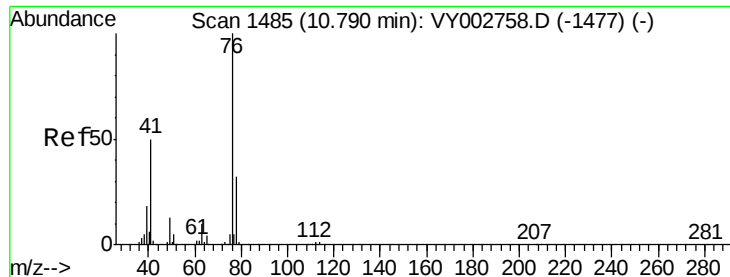


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.635 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

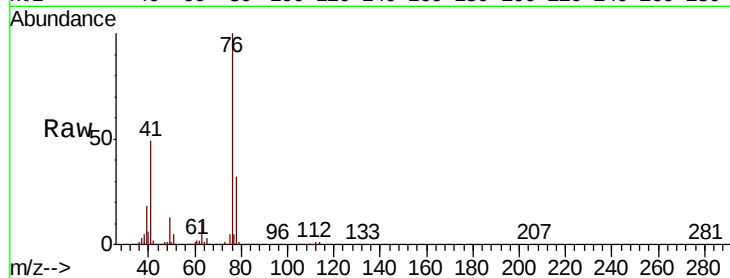
VSTDCCC050EC

Tot Ion: 76 Resp: 219978

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

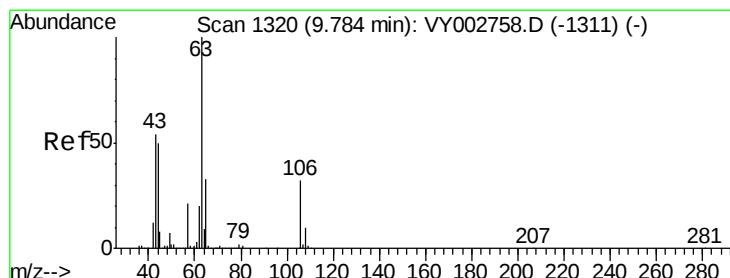
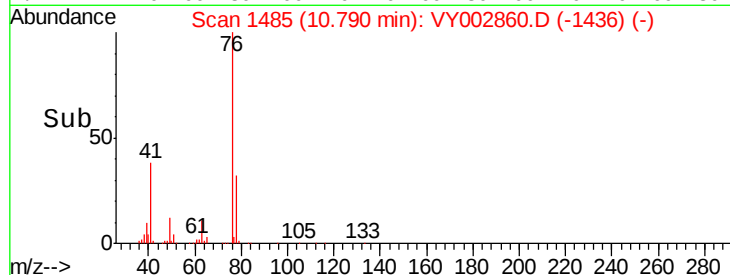
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.972 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002860.D

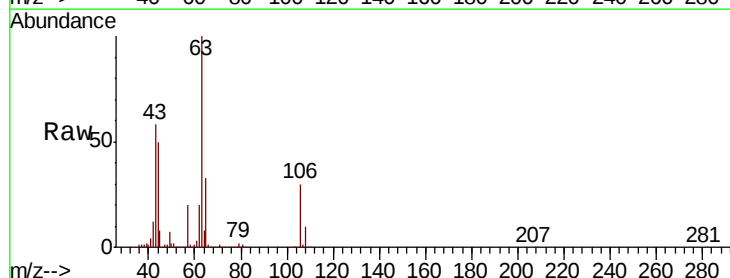
Acq: 05 Jun 2020 20:34

Tgt Ion: 63 Resp: 463233

Ion Ratio Lower Upper

63 100

106 30.7 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

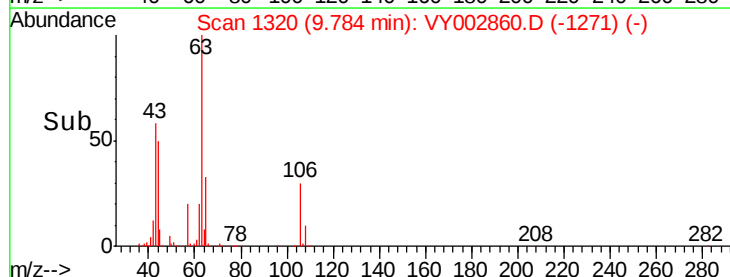
150000

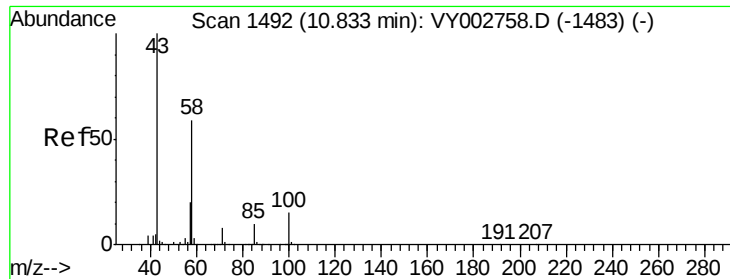
100000

50000

0

Time-->

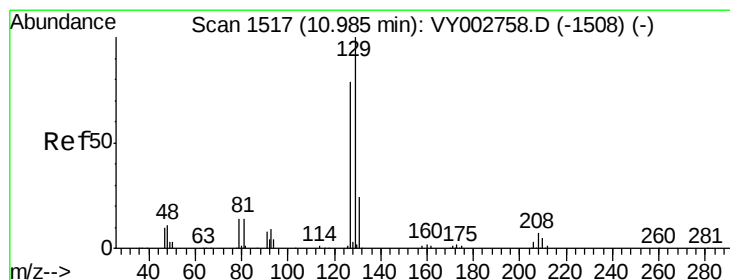
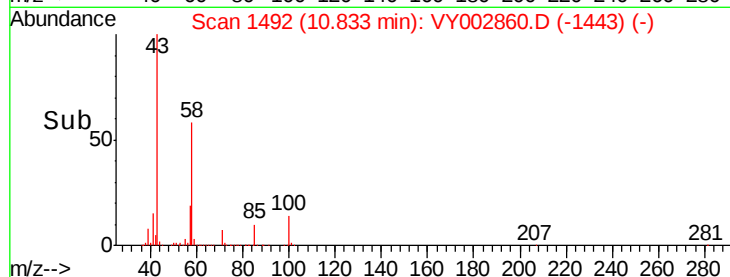
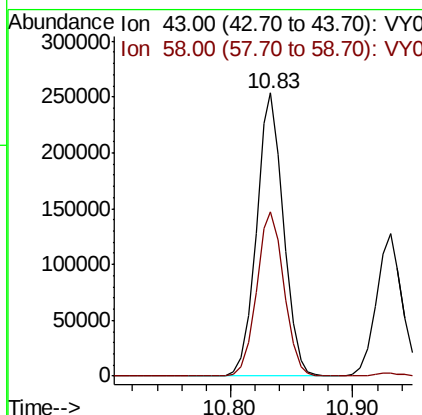
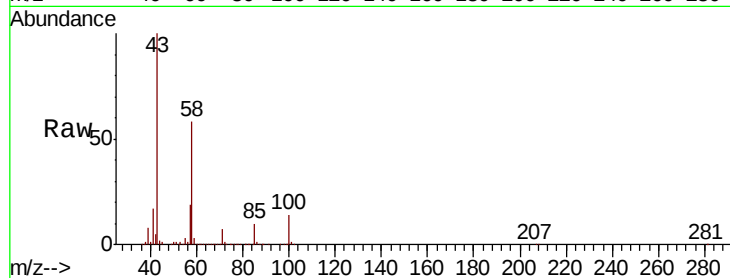




#59
2-Hexanone
Concen: 244.551 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

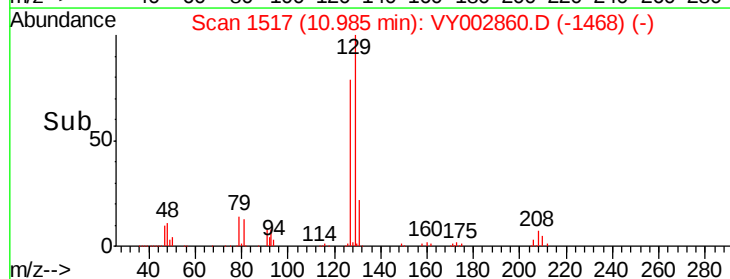
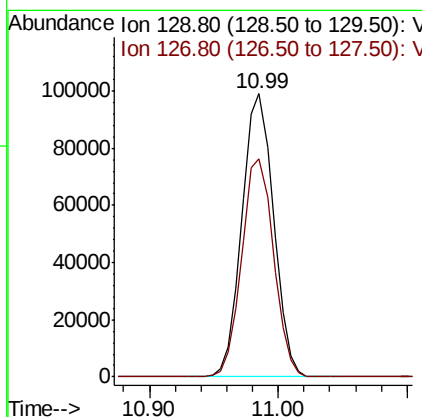
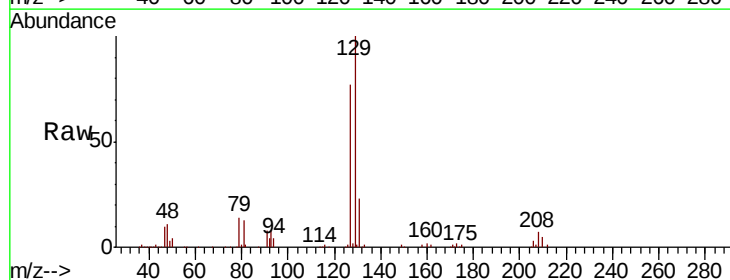
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

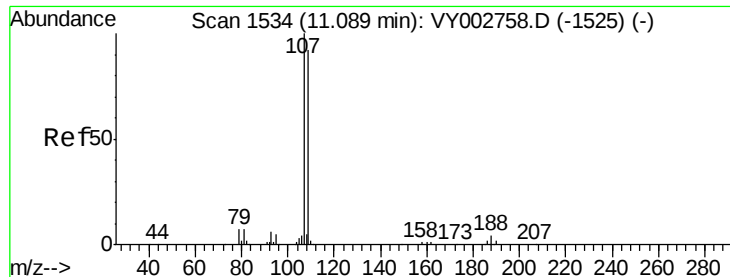
Tot Ion: 43 Resp: 388370
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#60
Dibromochloromethane
Concen: 50.240 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion: 129 Resp: 168238
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3

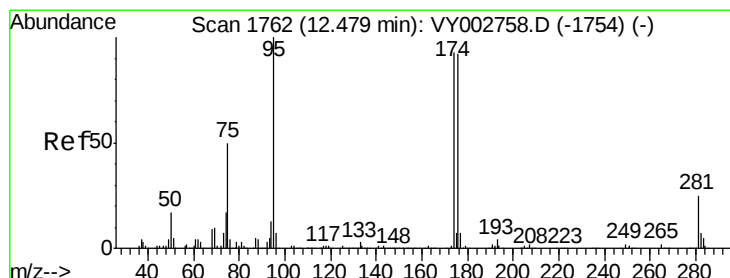
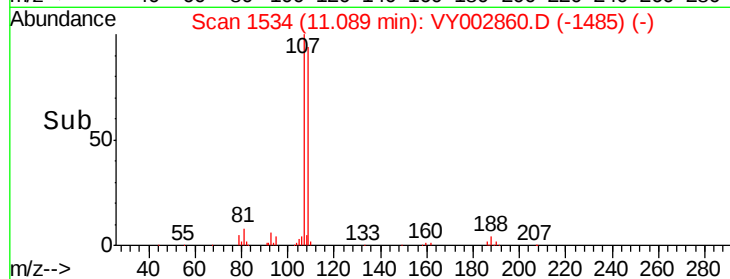
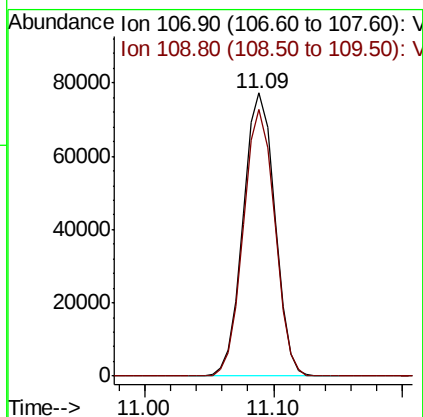
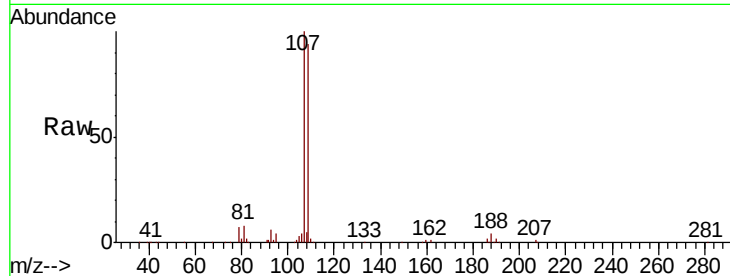




#61
 1,2-Dibromoethane
 Concen: 50.237 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

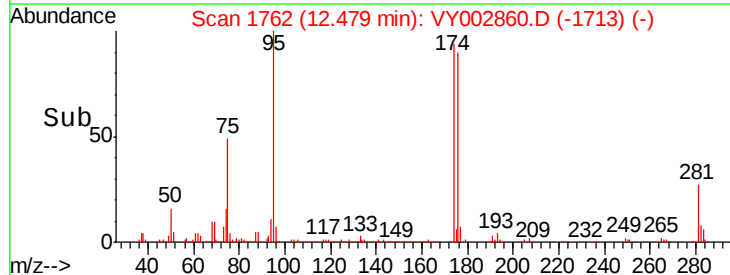
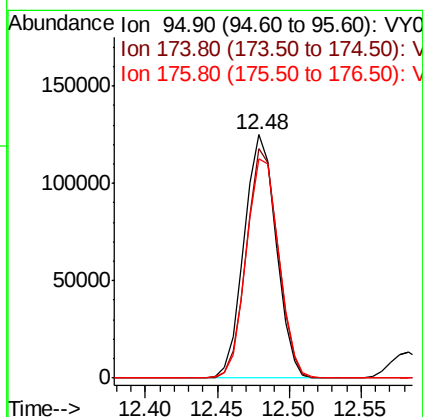
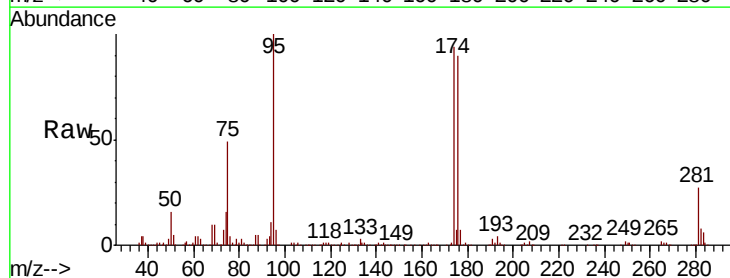
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

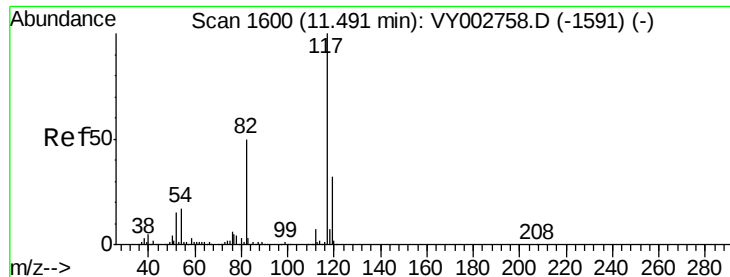
Tot Ion:107 Resp: 130894
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.883 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Tgt Ion: 95 Resp: 192654
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 191.2
 176 91.6 0.0 188.8

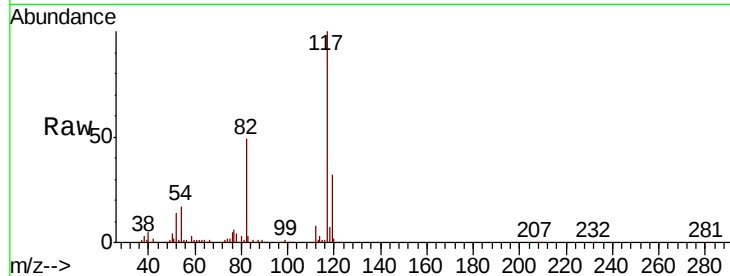




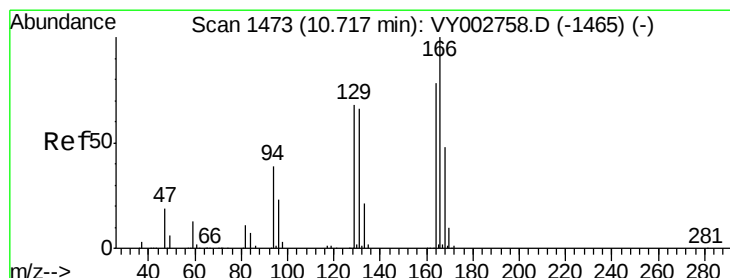
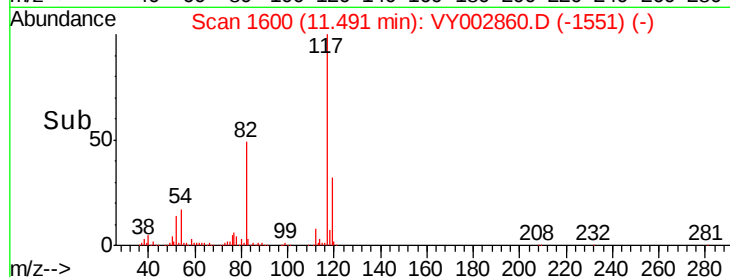
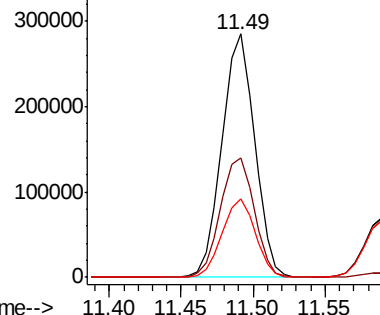
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 448310
Ion Ratio Lower Upper
117 100
82 49.2 40.2 60.4
119 32.2 25.8 38.8

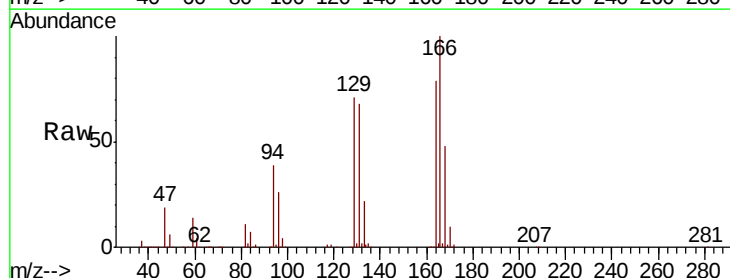


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

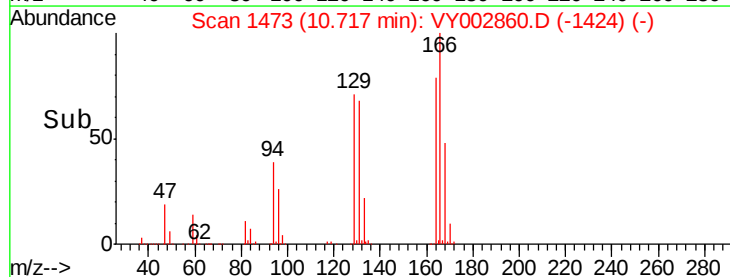
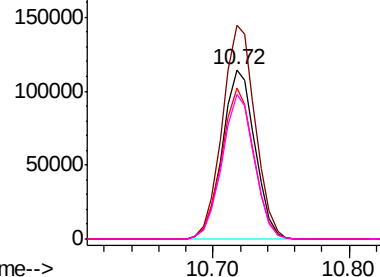


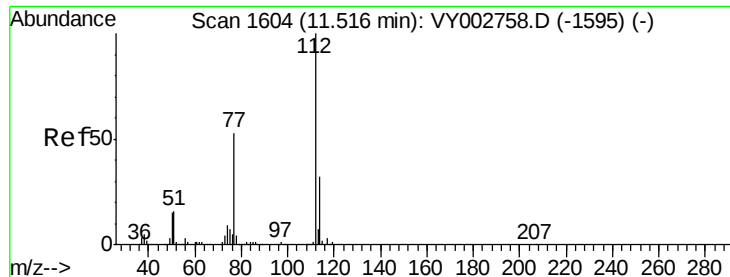
#64
Tetrachloroethene
Concen: 47.213 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion:164 Resp: 192371
Ion Ratio Lower Upper
164 100
166 126.2 102.3 153.5
129 89.4 69.4 104.2
131 85.6 67.8 101.6



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

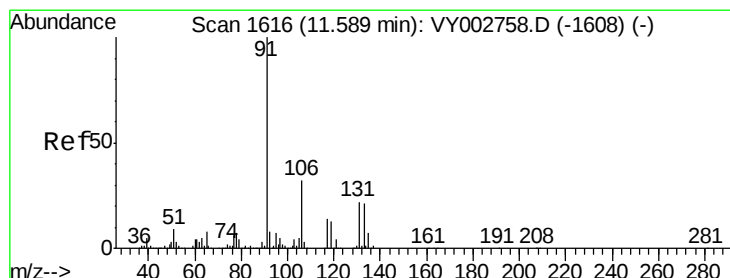
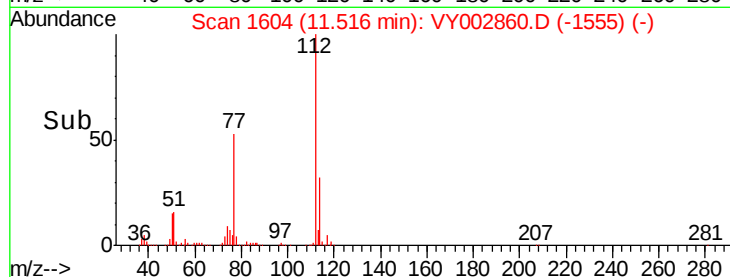
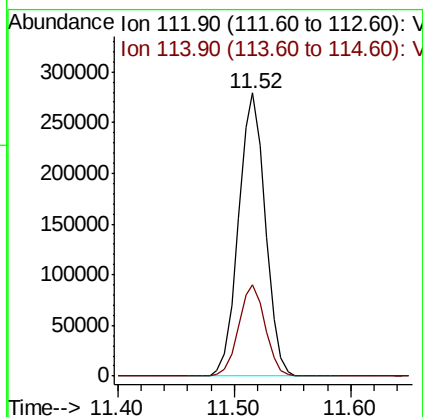
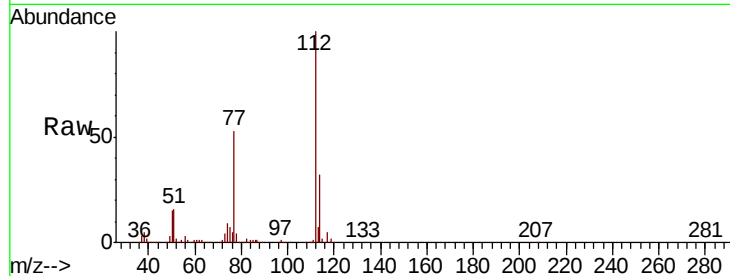




#65
Chlorobenzene
Concen: 50.457 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

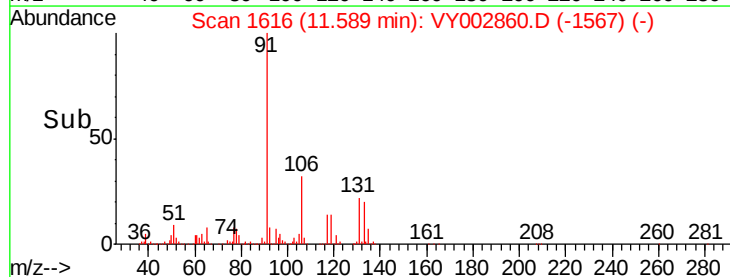
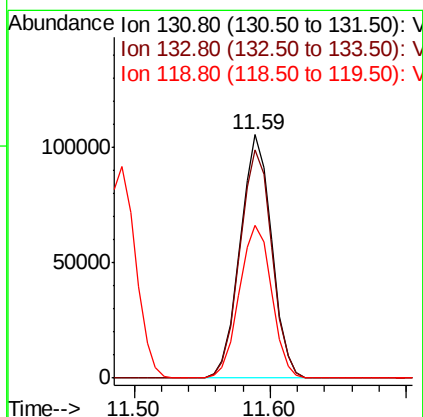
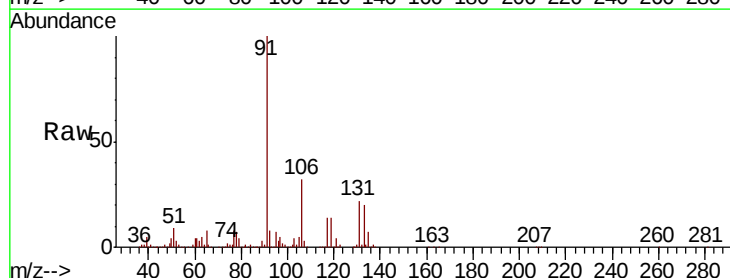
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

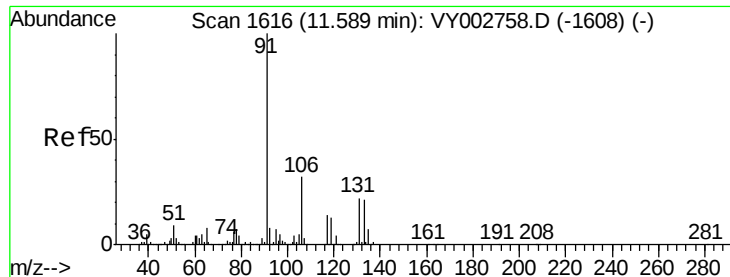
Tot Ion:112 Resp: 447087
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.159 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion:131 Resp: 170728
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 64.5 31.7 95.1

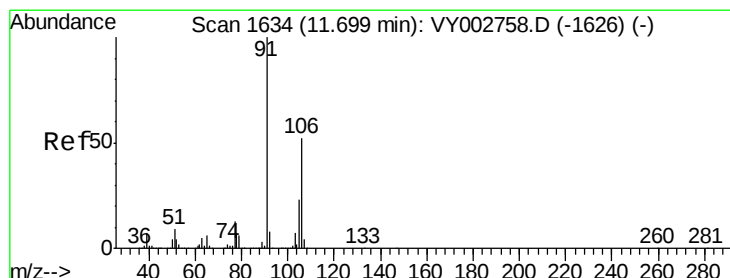
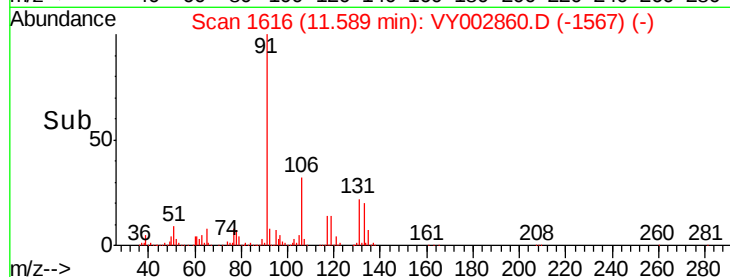
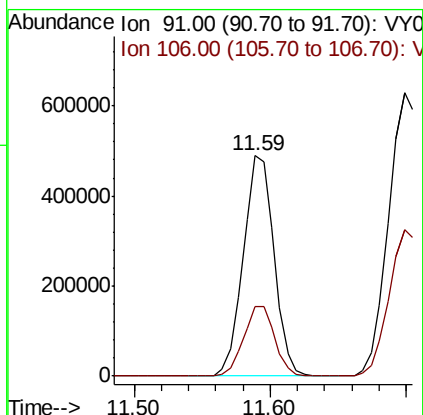
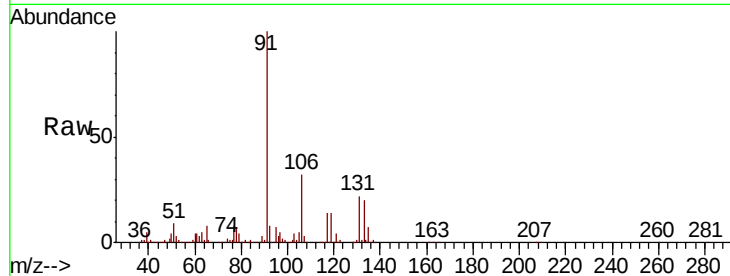




#67
Ethyl Benzene
Concen: 50.284 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

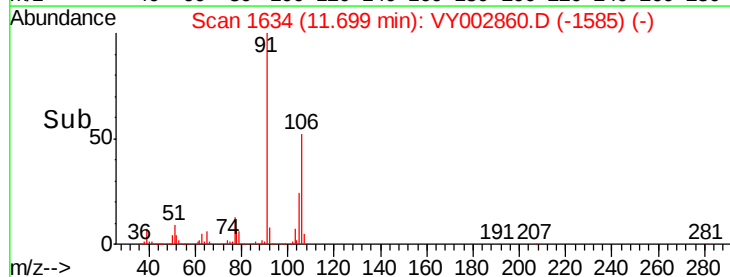
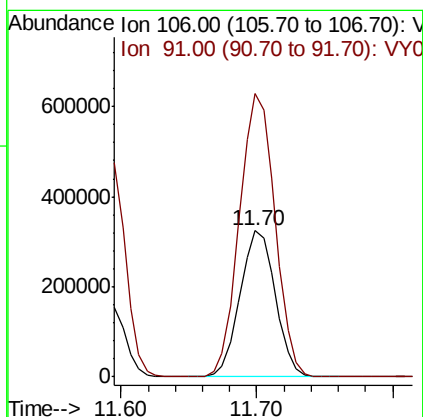
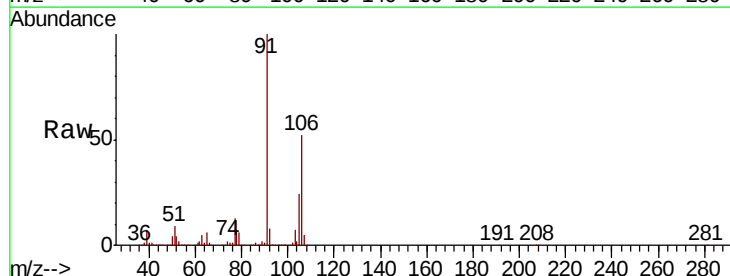
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

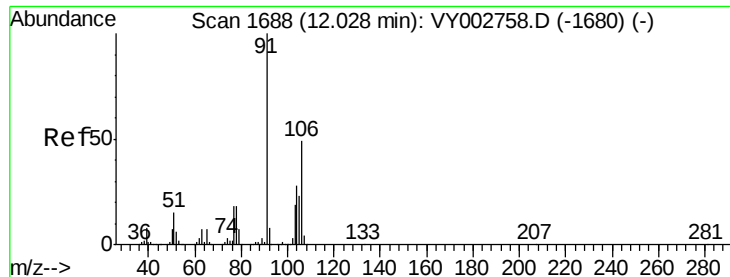
Tot Ion: 91 Resp: 772434
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5



#68
m/p-Xylenes
Concen: 98.902 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion: 106 Resp: 589050
Ion Ratio Lower Upper
106 100
91 195.0 156.0 234.0

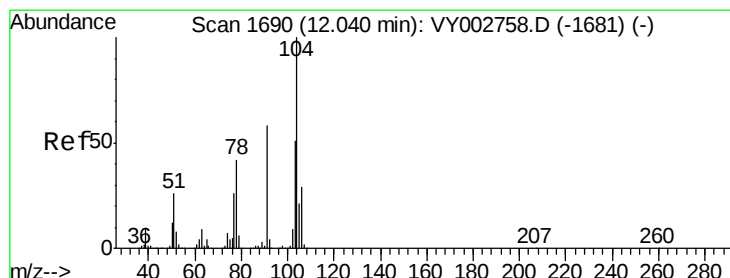
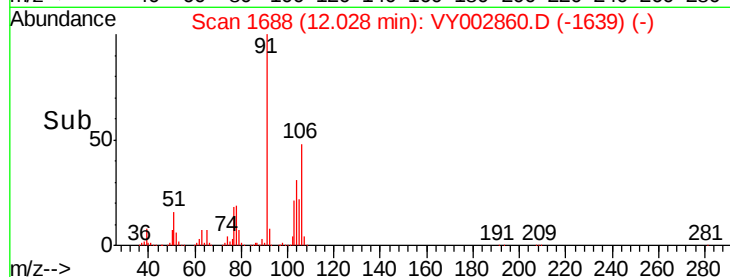
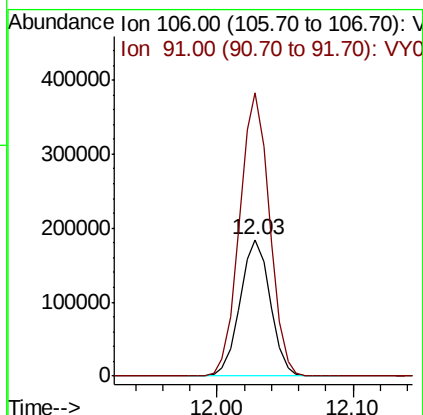
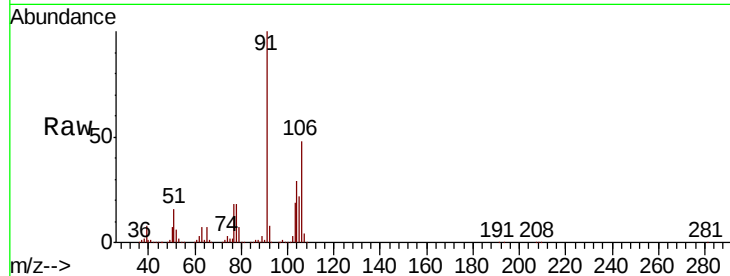




#69
o-Xylene
Concen: 50.661 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

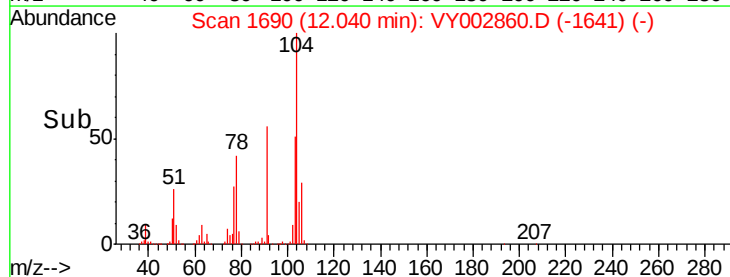
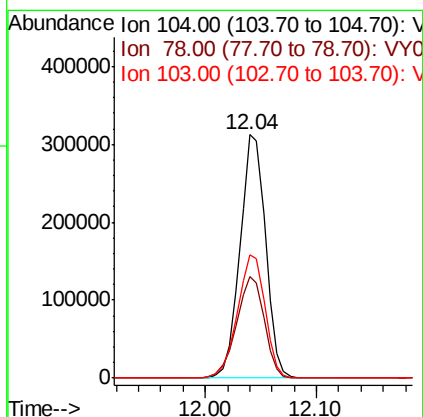
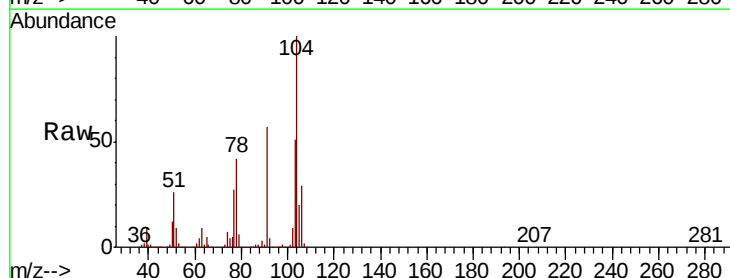
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

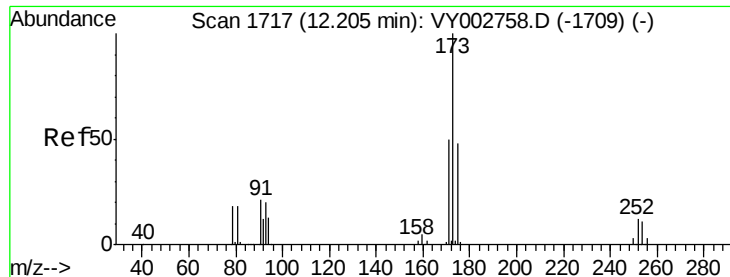
Tot Ion:106 Resp: 284848
Ion Ratio Lower Upper
106 100
91 206.2 102.4 307.1



#70
Styrene
Concen: 50.944 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion:104 Resp: 496545
Ion Ratio Lower Upper
104 100
78 45.4 36.2 54.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 49.703 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

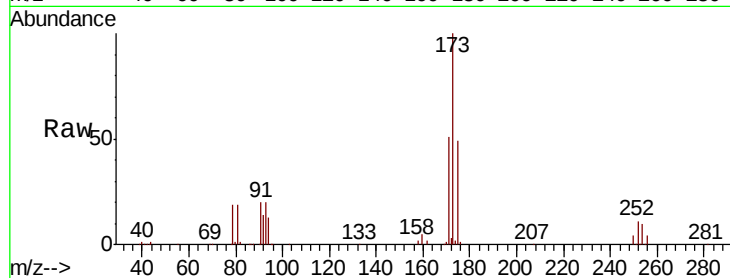
Tot Ion:173 Resp: 110987

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

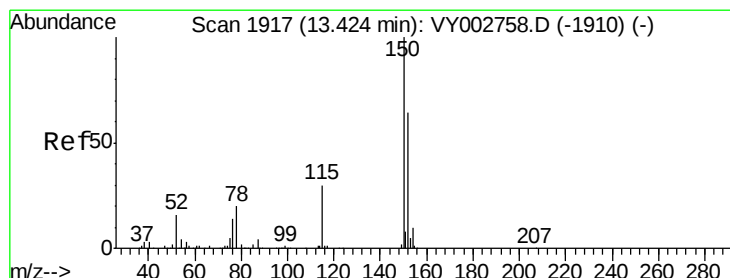
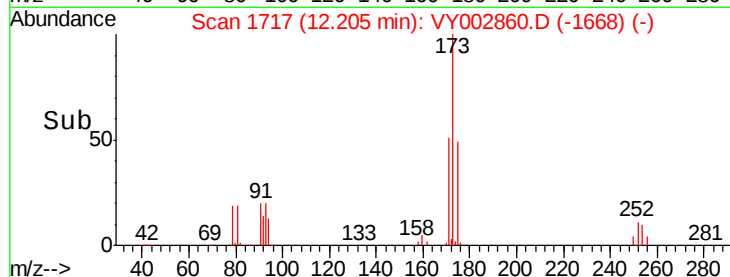
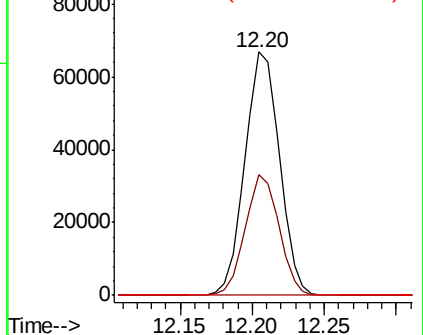
254 0.1 0.1 0.1



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: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

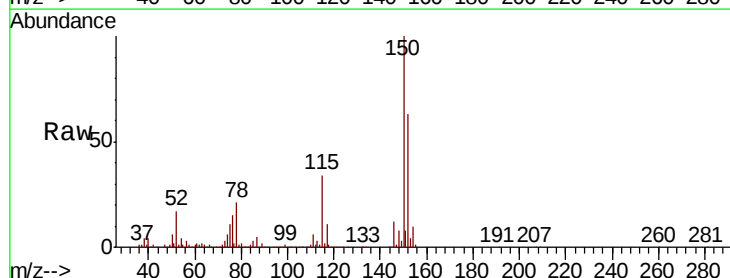
Tgt Ion:152 Resp: 232972

Ion Ratio Lower Upper

152 100

115 54.4 27.0 81.0

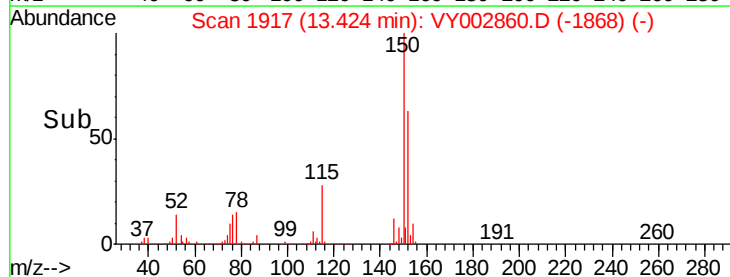
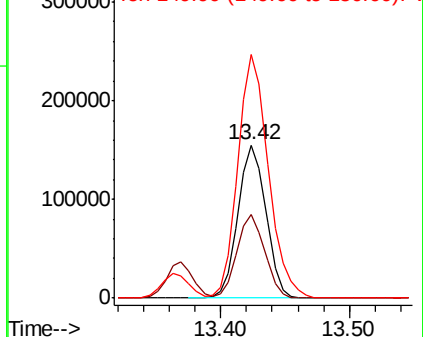
150 173.2 0.0 344.8

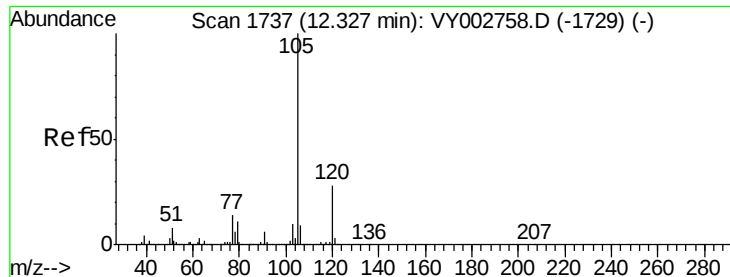


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.074 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

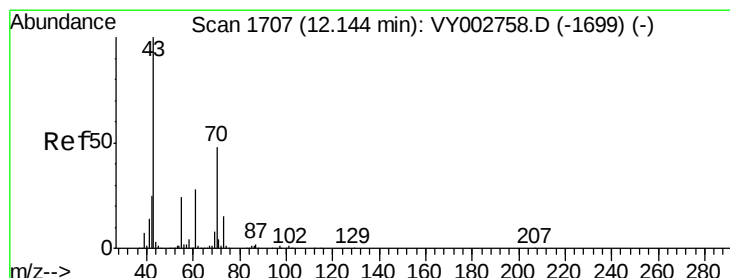
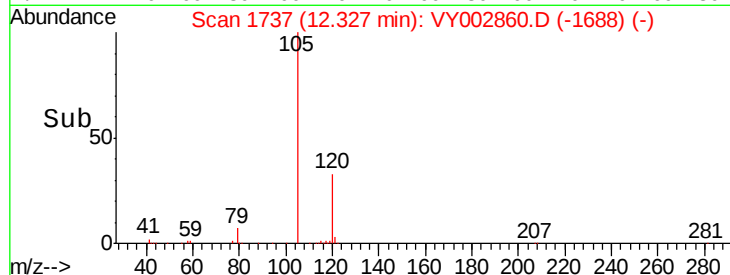
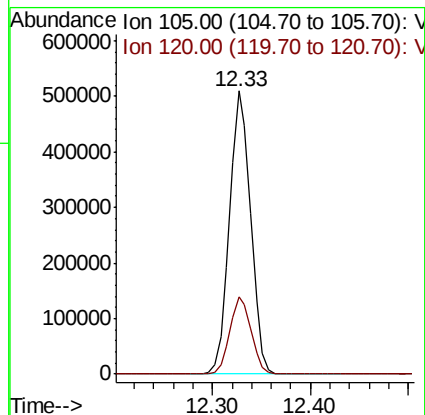
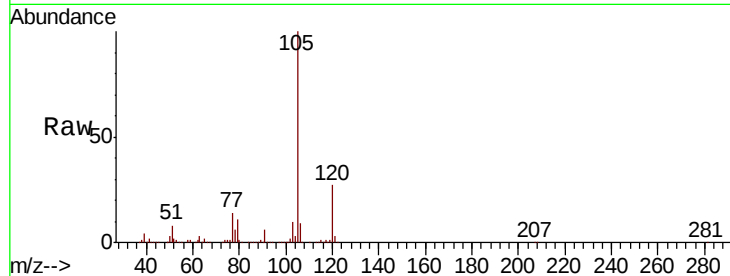
VSTDCCC050EC

Tot Ion:105 Resp: 762526

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 52.803 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Tgt Ion: 43 Resp: 202275

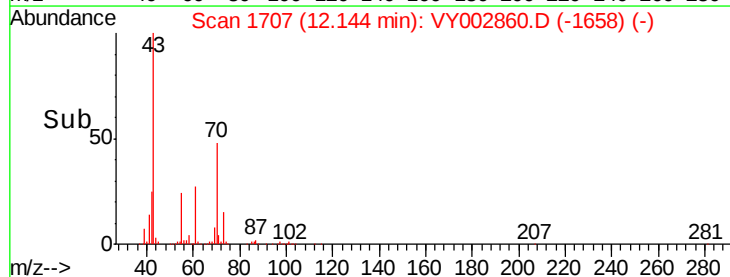
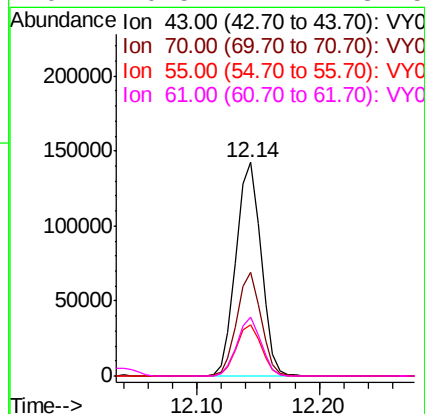
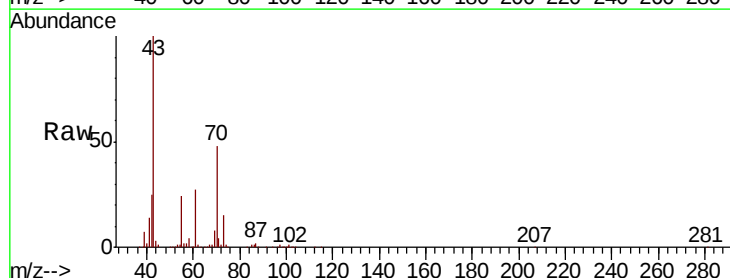
Ion Ratio Lower Upper

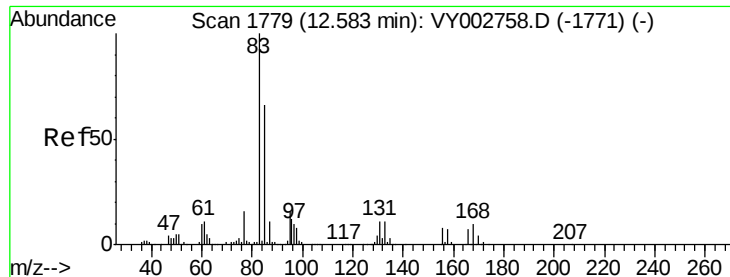
43 100

70 46.6 37.7 56.5

55 24.1 19.8 29.6

61 26.5 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.787 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

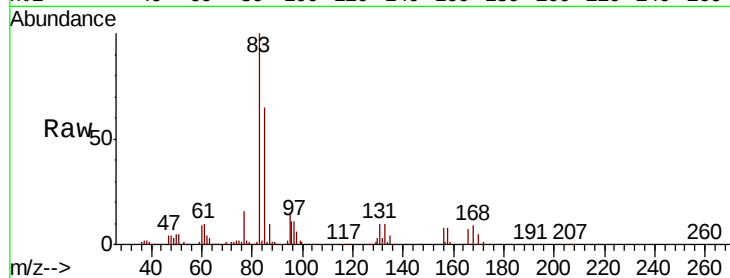
Tot Ion: 83 Resp: 140896

Ion Ratio Lower Upper

83 100

131 11.0 5.8 17.4

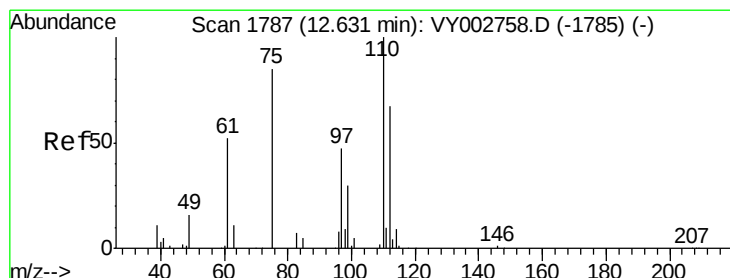
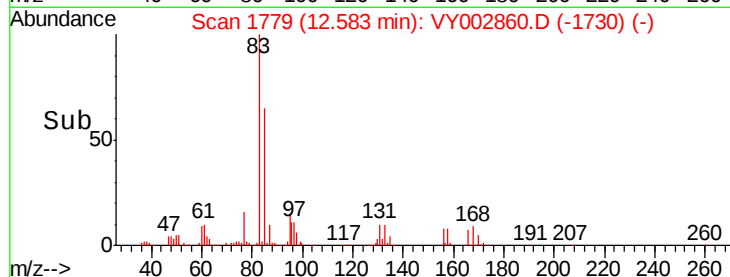
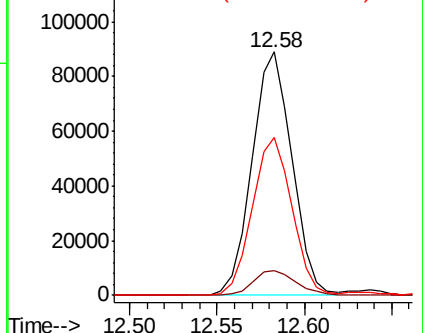
85 64.4 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002860.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002860.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002860.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 94.246 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002860.D

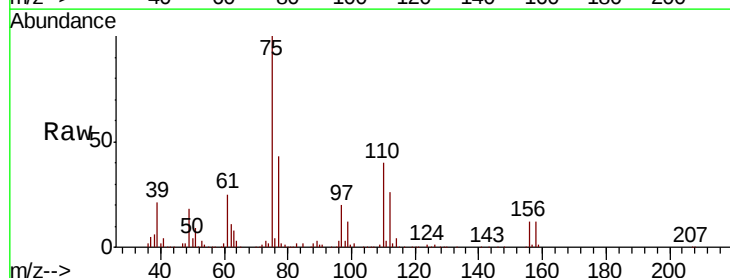
Acq: 05 Jun 2020 20:34

Tgt Ion: 75 Resp: 197844

Ion Ratio Lower Upper

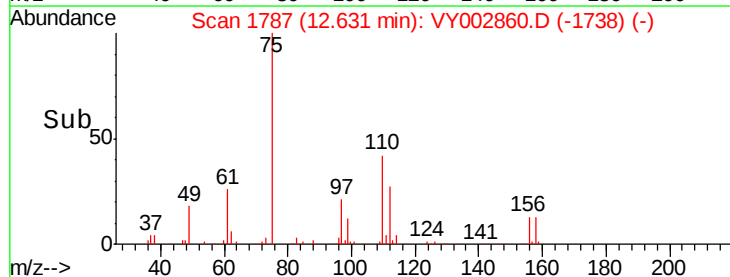
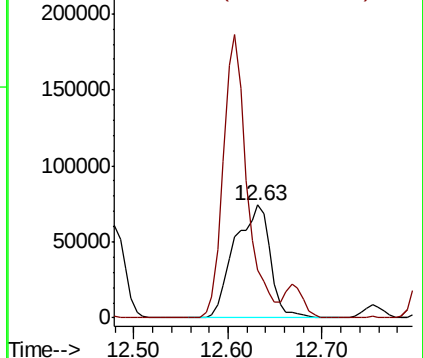
75 100

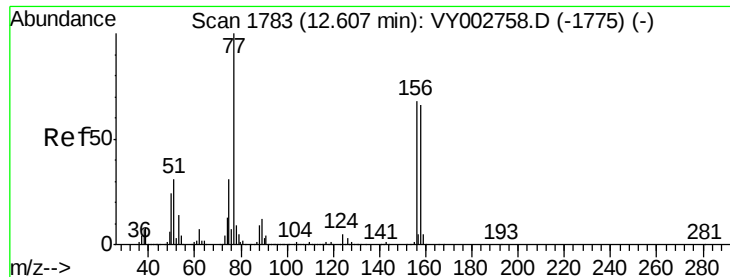
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002860.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002860.D (-1738) (-)





#77

Bromobenzene

Concen: 51.030 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

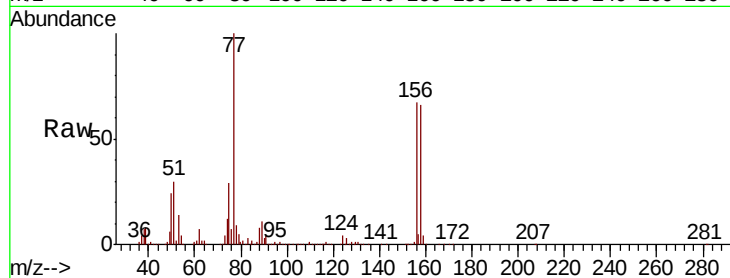
Tot Ion:156 Resp: 198379

Ion Ratio Lower Upper

156 100

77 166.4 81.4 244.2

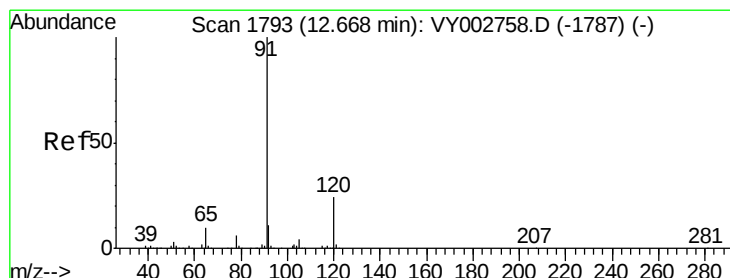
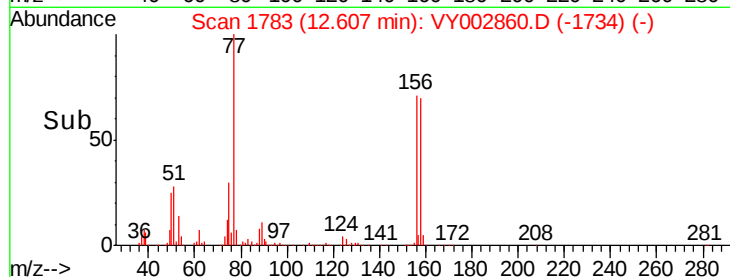
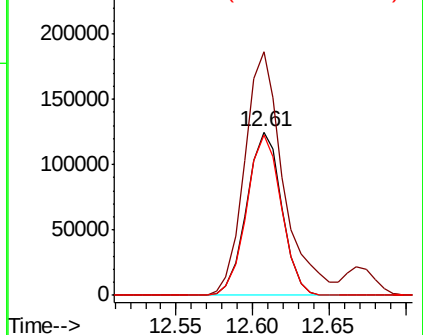
158 97.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.181 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002860.D

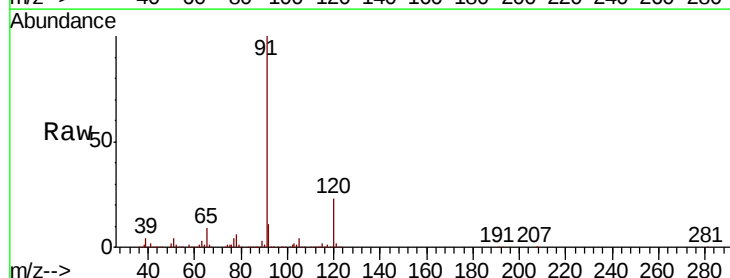
Acq: 05 Jun 2020 20:34

Tgt Ion: 91 Resp: 882651

Ion Ratio Lower Upper

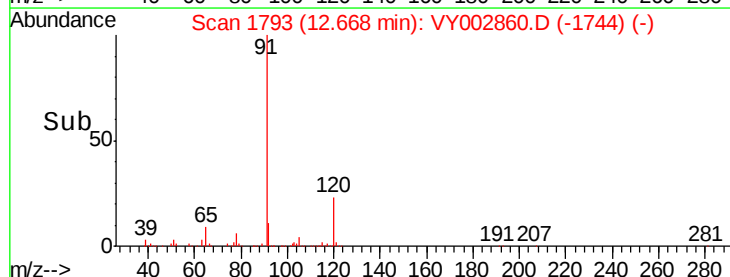
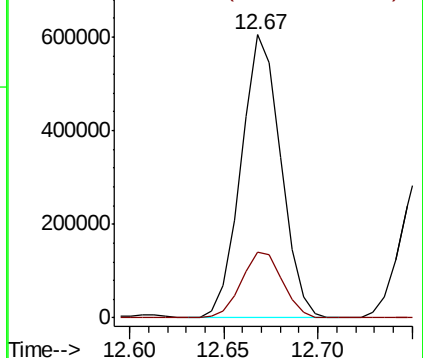
91 100

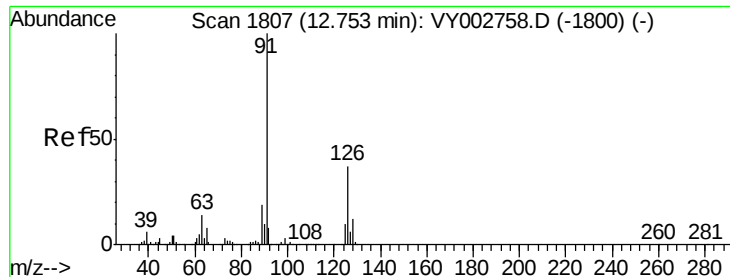
120 24.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

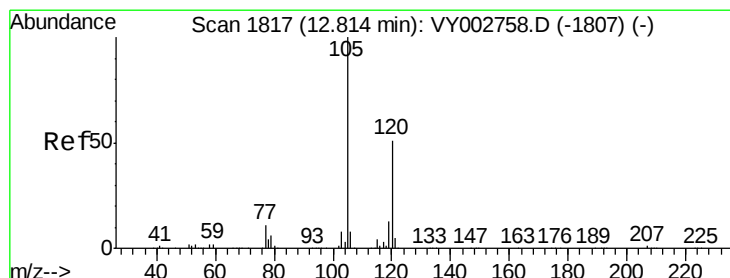
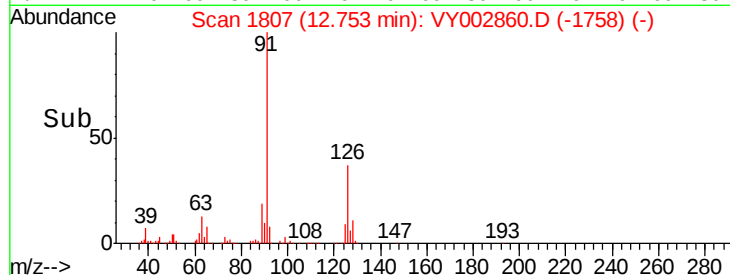
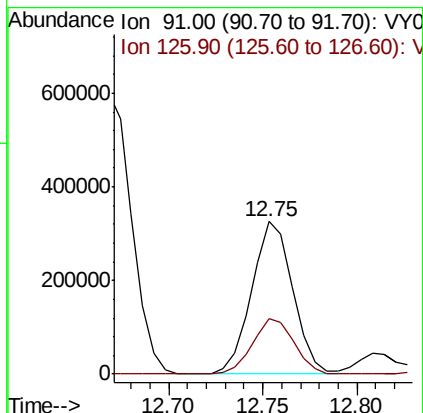
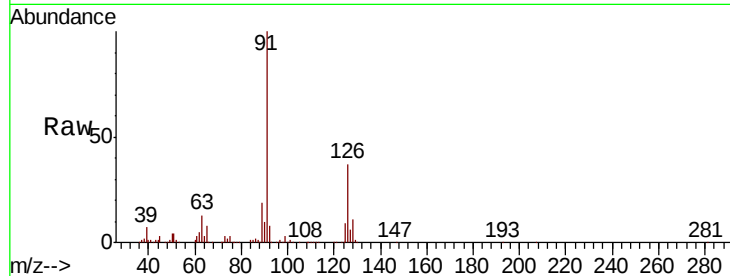




#79
 2-Chlorotoluene
 Concen: 51.322 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

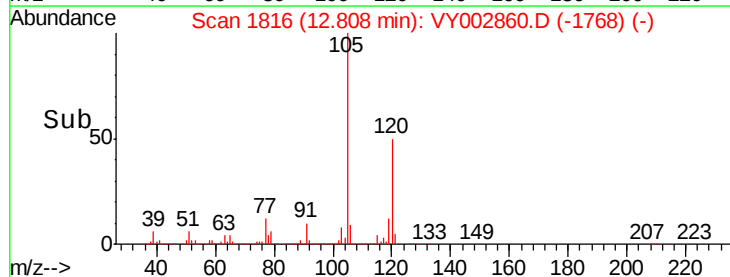
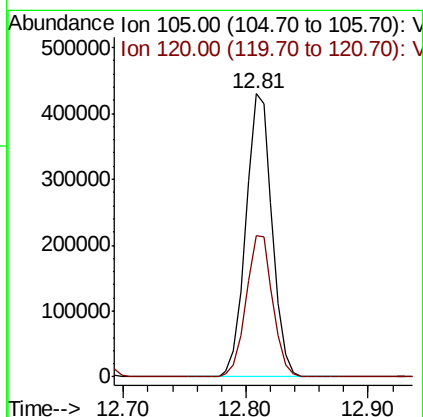
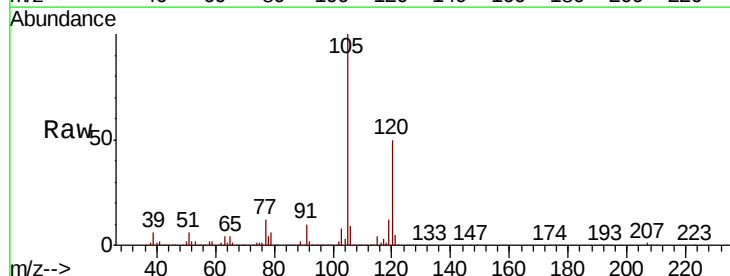
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

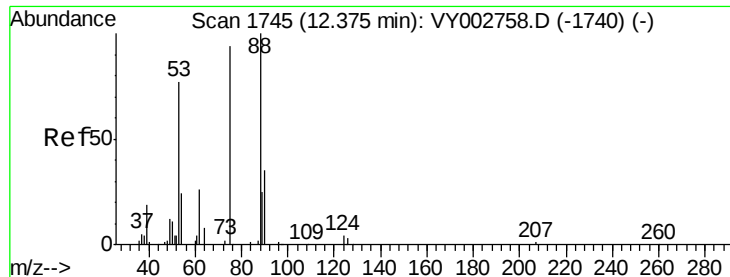
Tot Ion: 91 Resp: 496482
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.092 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Tgt Ion: 105 Resp: 636906
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.126 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

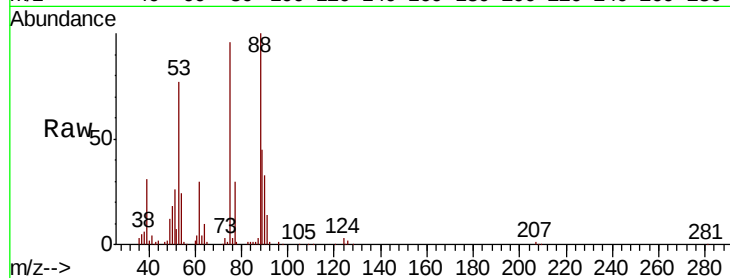
Tot Ion: 75 Resp: 54738

Ion Ratio Lower Upper

75 100

53 80.2 64.0 96.0

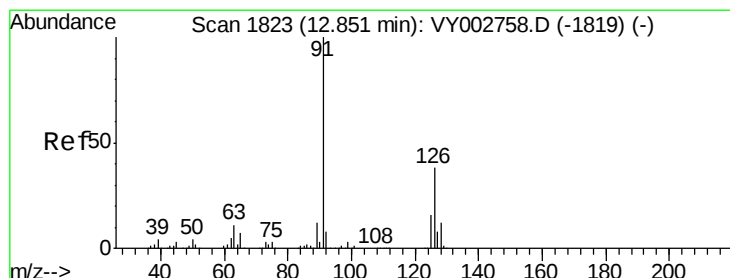
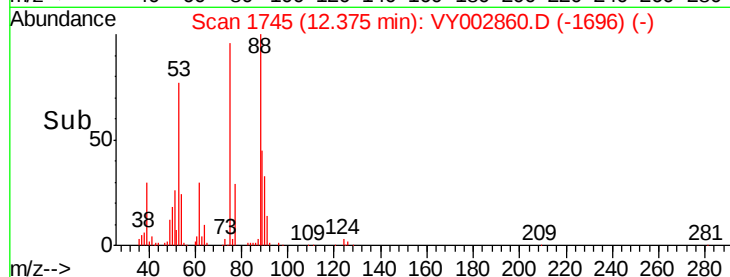
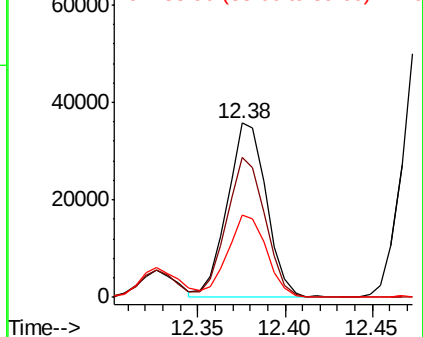
89 47.6 37.4 56.2



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: 51.015 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002860.D

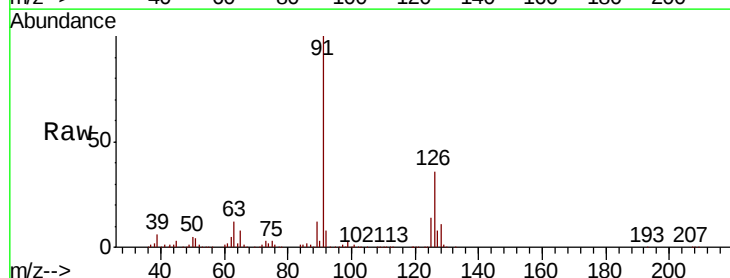
Acq: 05 Jun 2020 20:34

Tgt Ion: 91 Resp: 517059

Ion Ratio Lower Upper

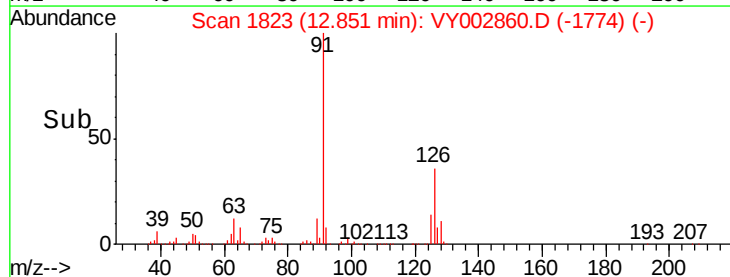
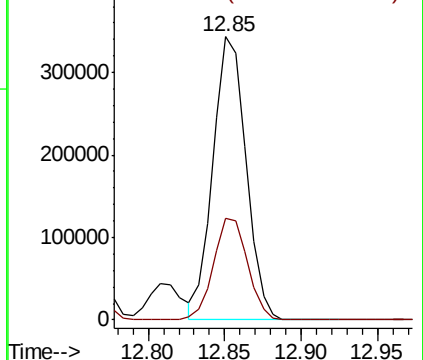
91 100

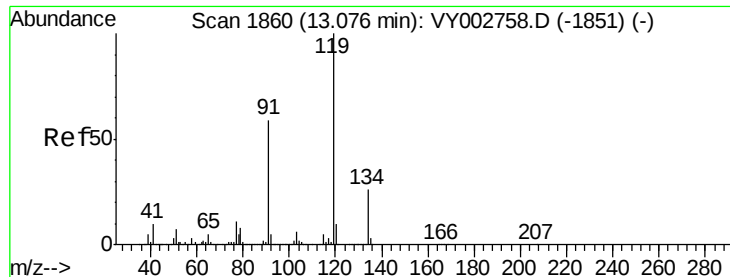
126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

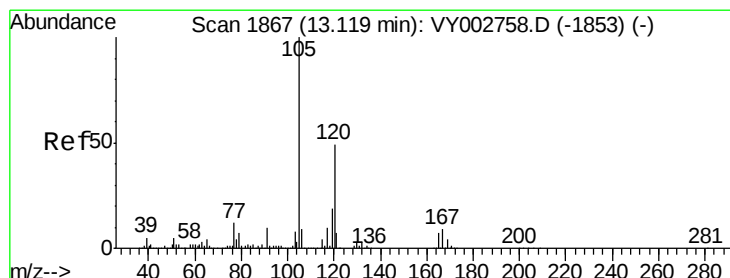
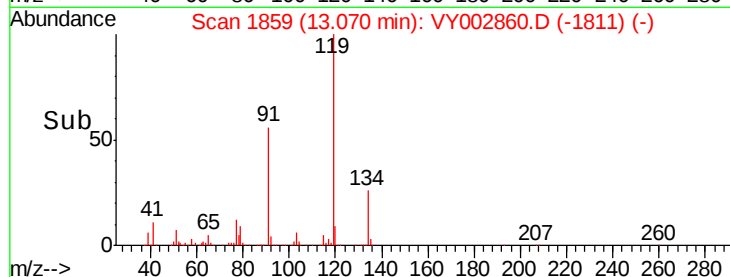
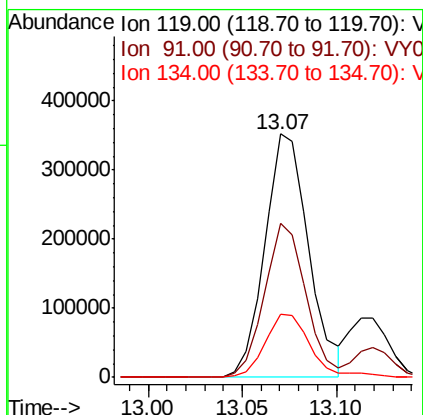
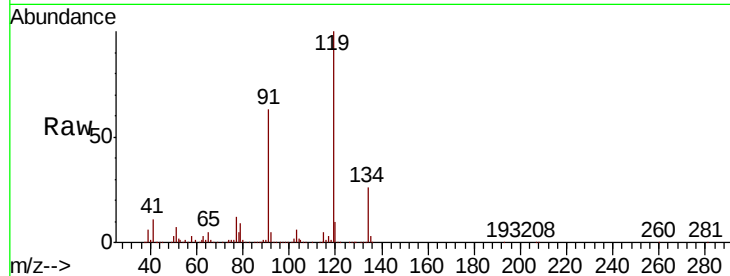




#83
tert-Butylbenzene
Concen: 51.130 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

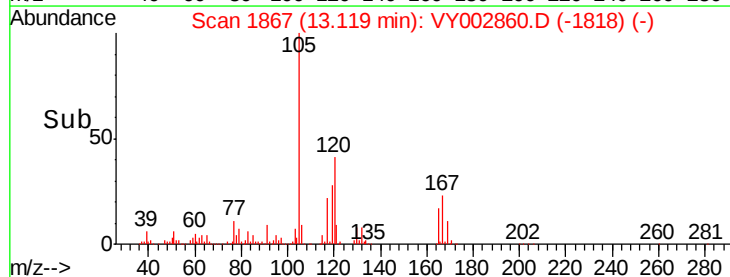
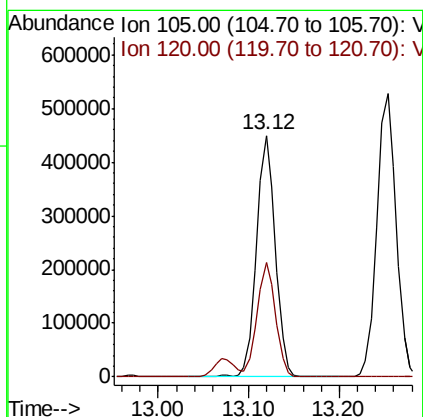
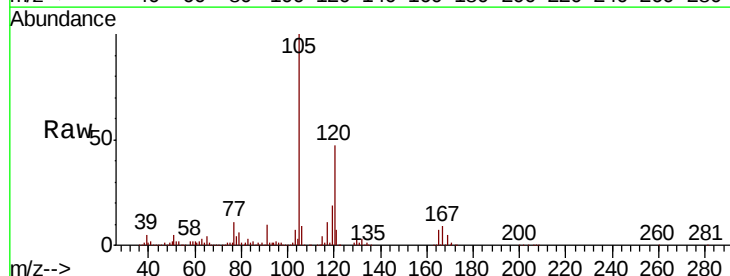
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

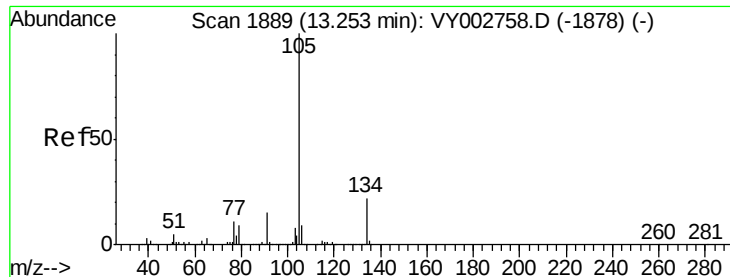
Tot Ion:119 Resp: 568542
Ion Ratio Lower Upper
119 100
91 59.5 29.8 89.4
134 27.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 51.375 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion:105 Resp: 643950
Ion Ratio Lower Upper
105 100
120 46.2 23.6 70.8





#85

sec-Butylbenzene

Concen: 50.831 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

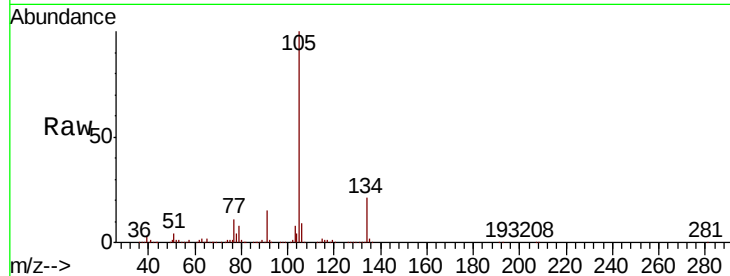
VSTDCCC050EC

Tot Ion:105 Resp: 772830

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

600000

500000

400000

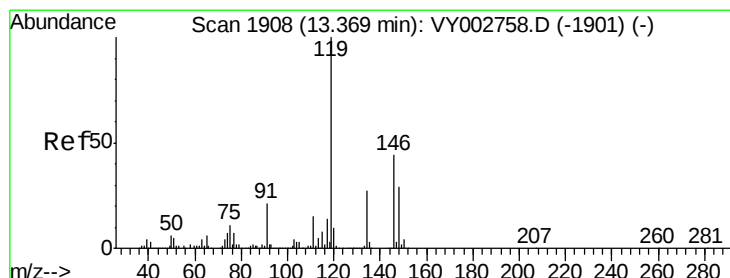
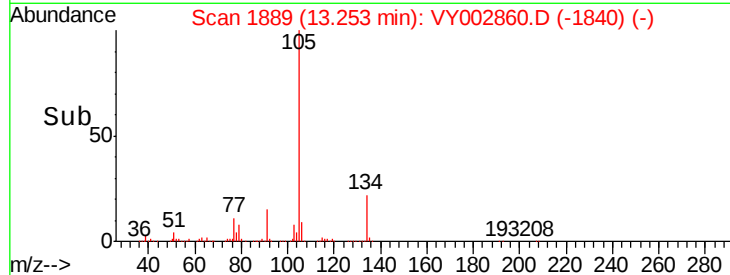
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.748 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

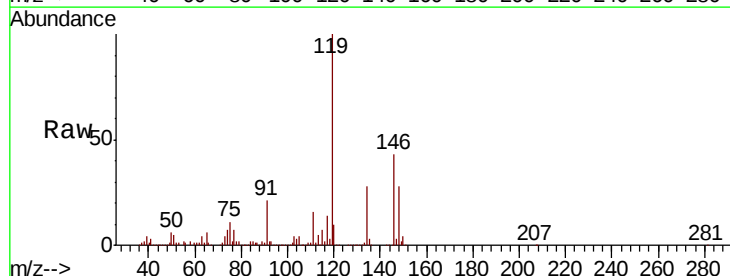
Tgt Ion:119 Resp: 717946

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 21.3 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

13.37

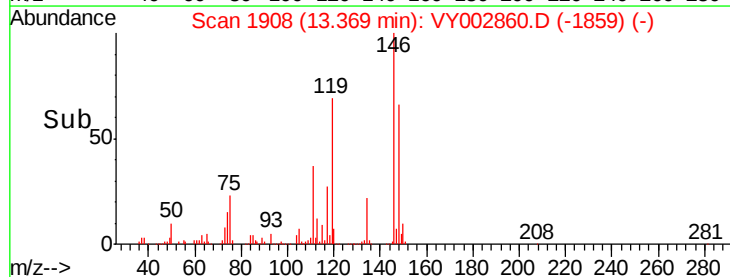
600000

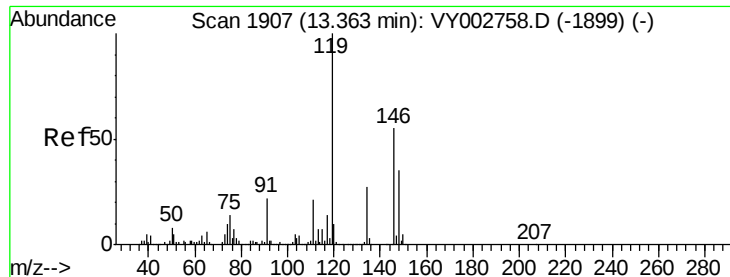
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.280 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

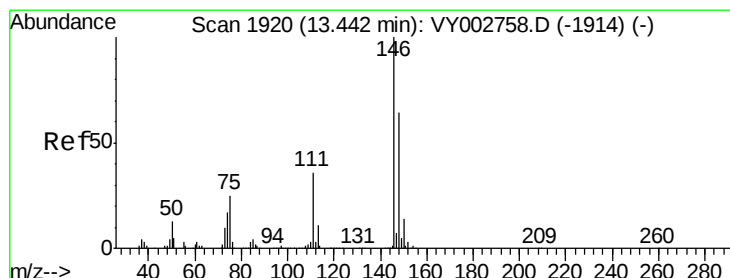
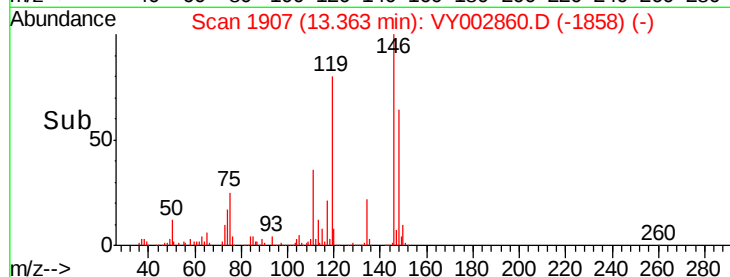
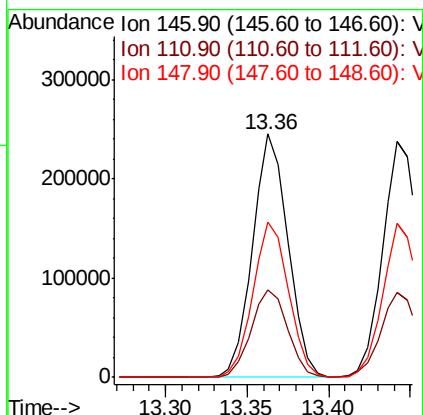
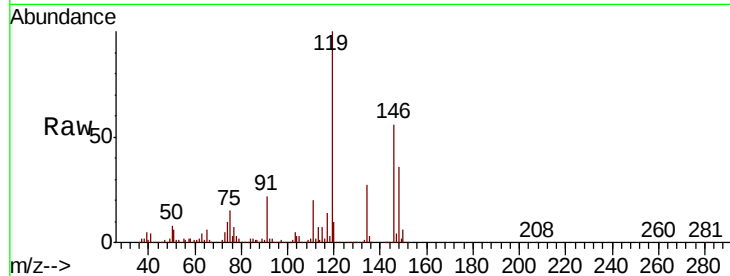
Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 370252

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.0
148	64.1	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 49.851 ug/l

RT: 13.44 min Scan# 1920

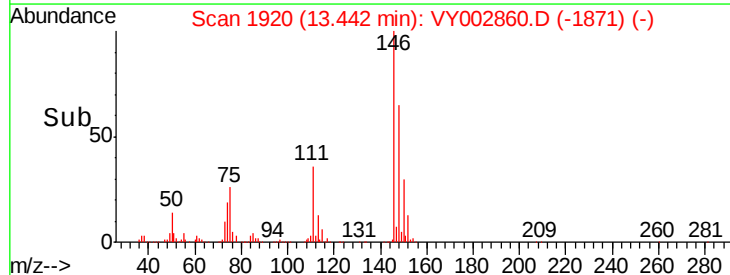
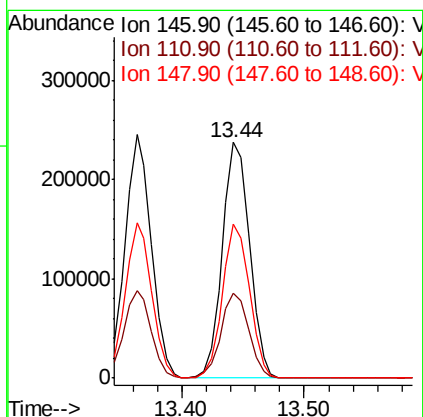
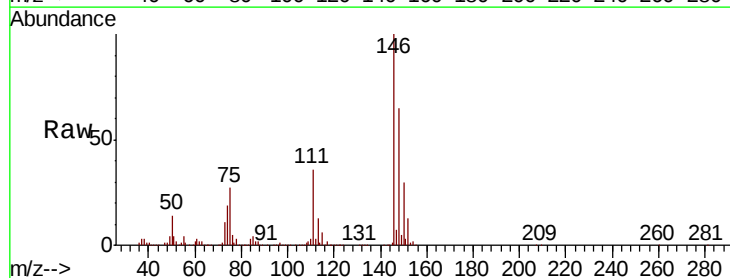
Delta R.T. -0.00 min

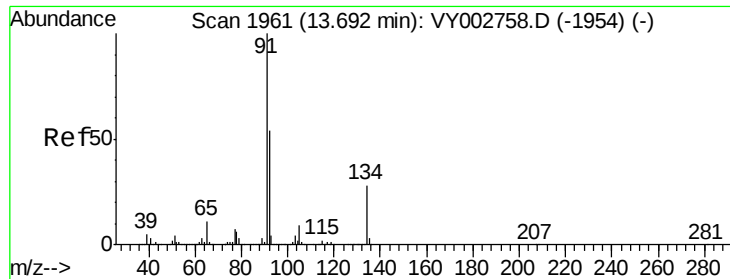
Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Tgt Ion:146 Resp: 367217

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.3
148	64.7	32.1	96.3





#89

n-Butylbenzene

Concen: 50.257 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002860.D

Acq: 05 Jun 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

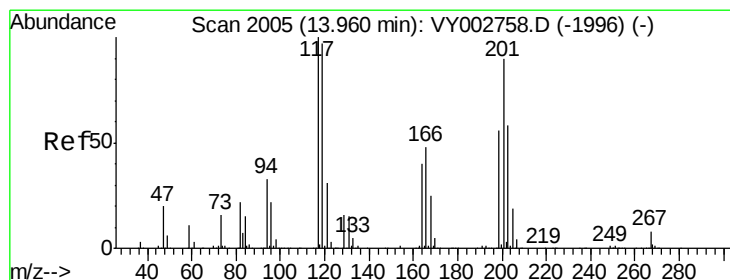
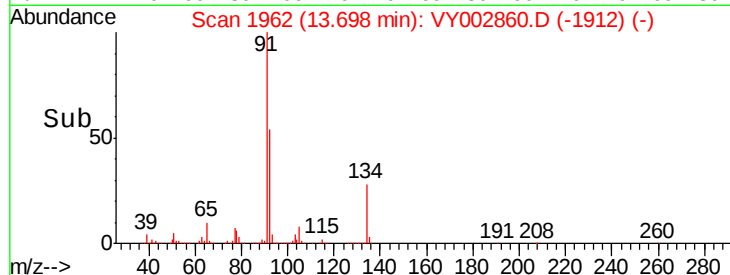
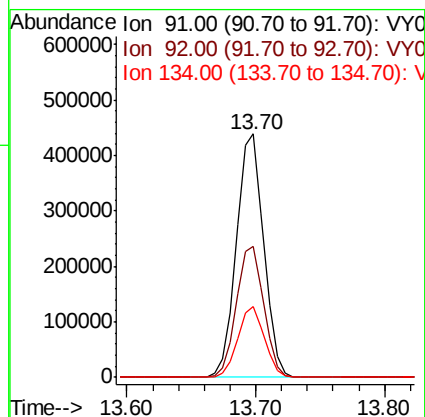
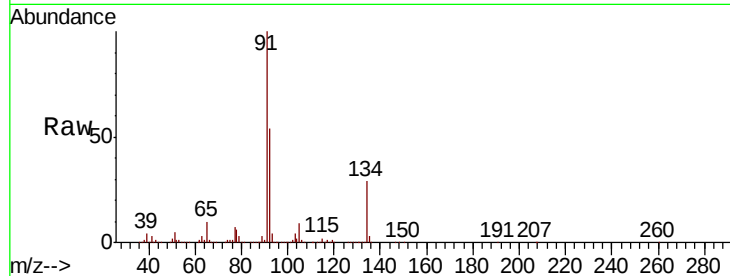
Tot Ion: 91 Resp: 645504

Ion Ratio Lower Upper

91 100

92 54.0 27.1 81.2

134 28.4 14.3 42.9



#90

Hexachloroethane

Concen: 52.199 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002860.D

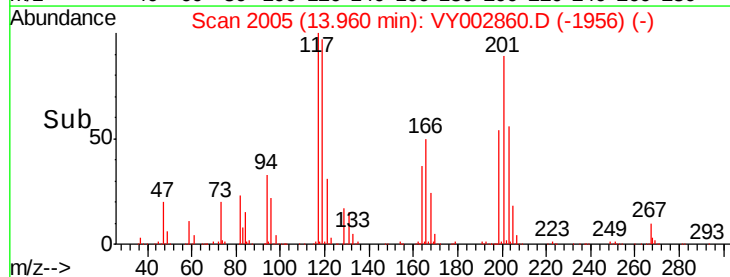
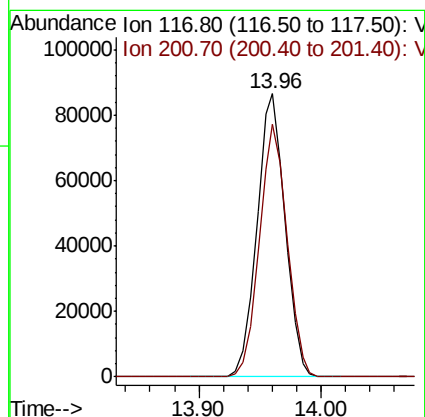
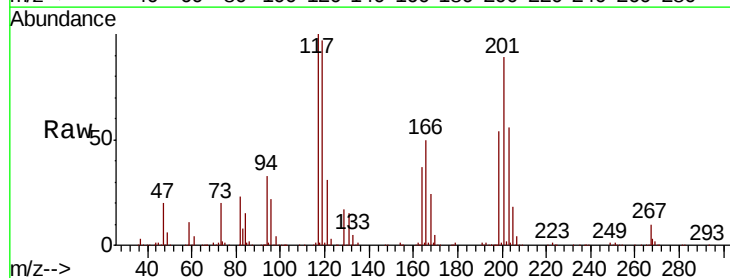
Acq: 05 Jun 2020 20:34

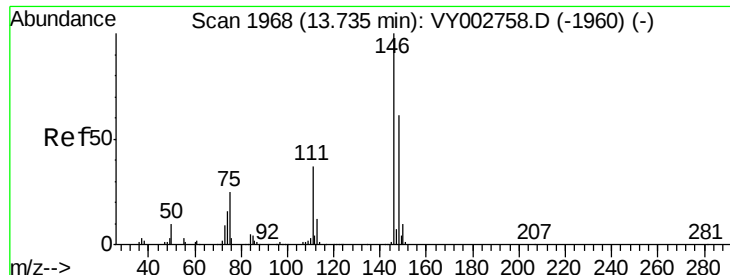
Tgt Ion: 117 Resp: 138247

Ion Ratio Lower Upper

117 100

201 88.0 43.9 131.6

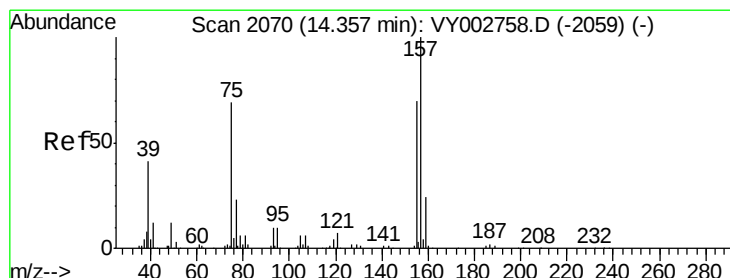
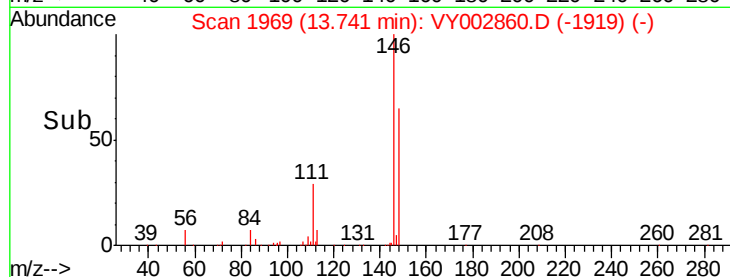
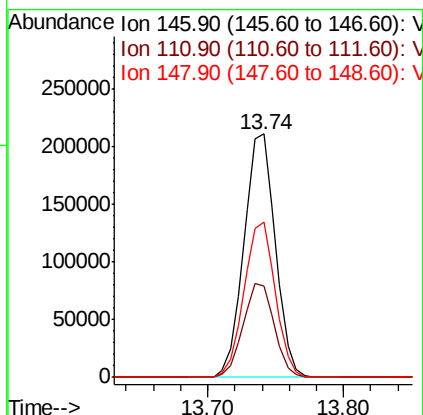
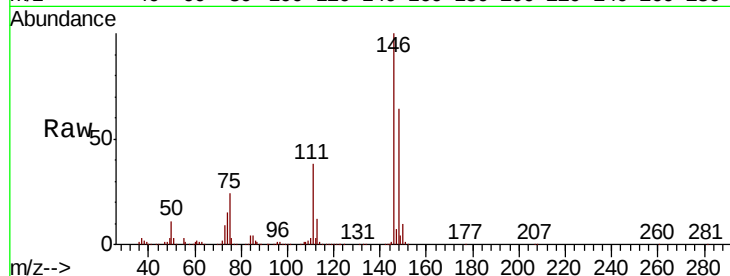




#91
 1,2-Dichlorobenzene
 Concen: 51.055 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

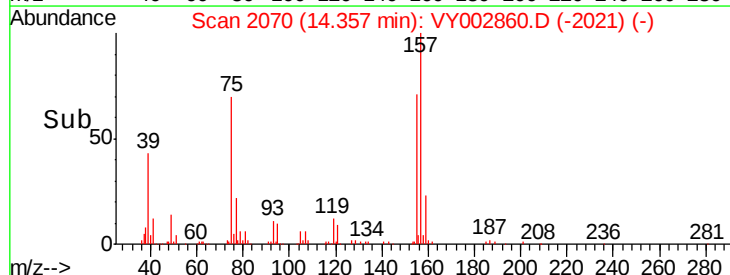
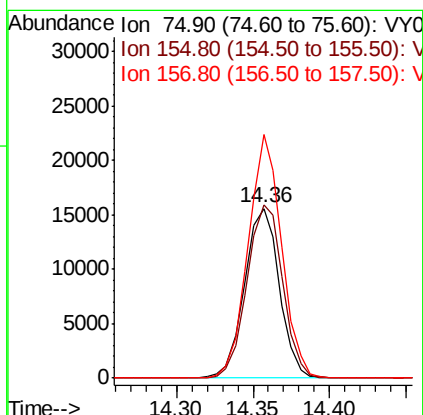
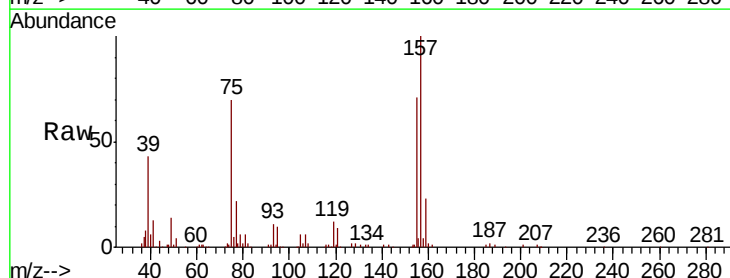
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

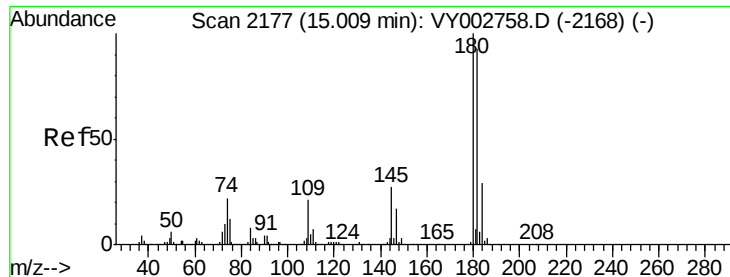
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.919 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.6	53.5	160.5
157	137.8	69.9	209.7

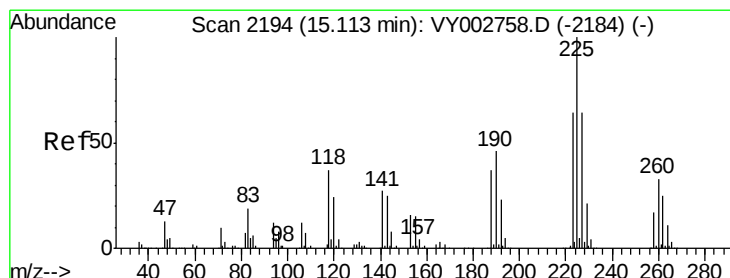
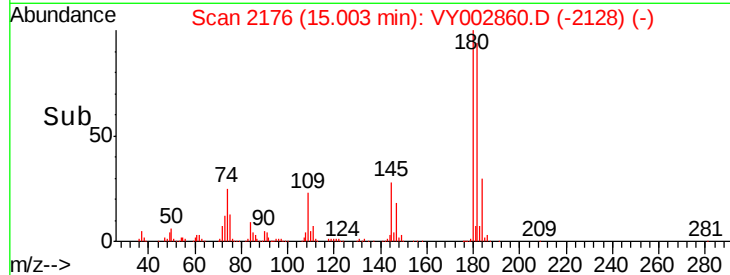
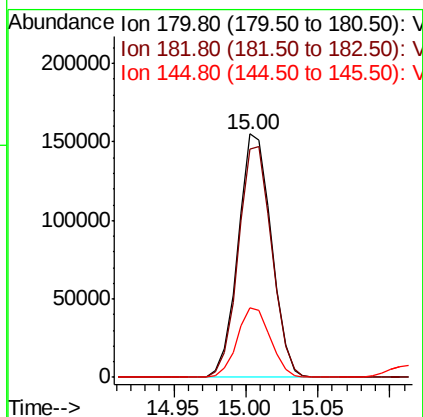
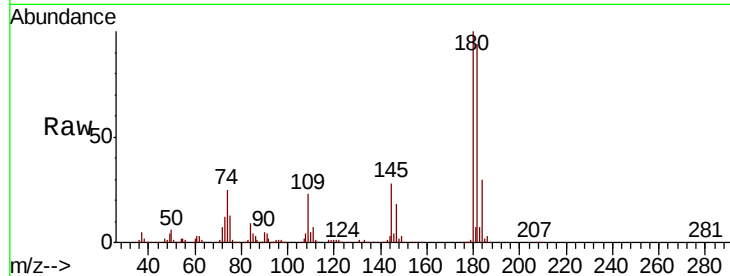




#93
 1,2,4-Trichlorobenzene
 Concen: 49.287 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

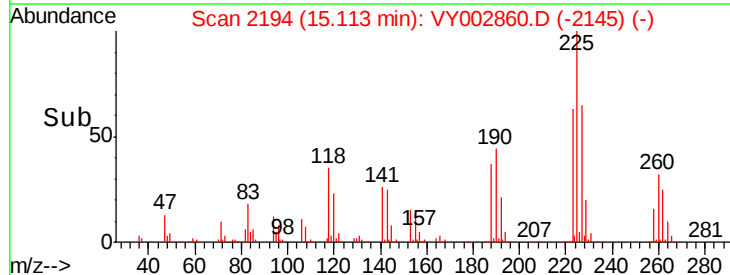
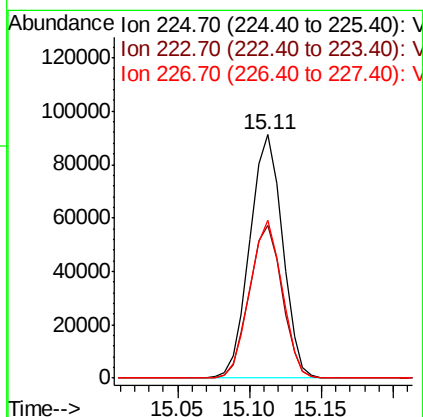
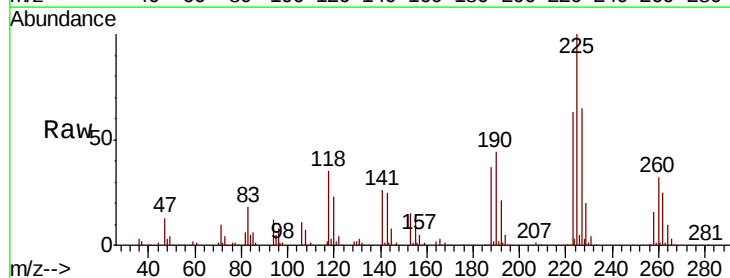
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

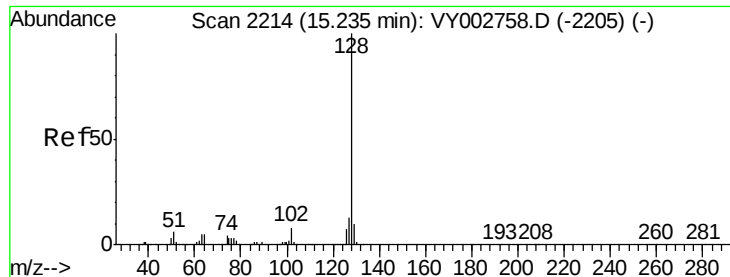
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	28.4	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 50.133 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002860.D
 Acq: 05 Jun 2020 20:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	95.0
227	64.3	32.3	96.9

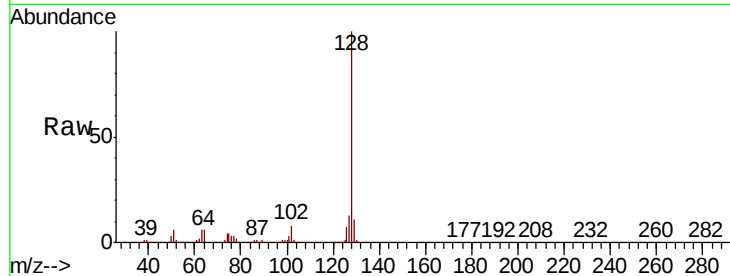




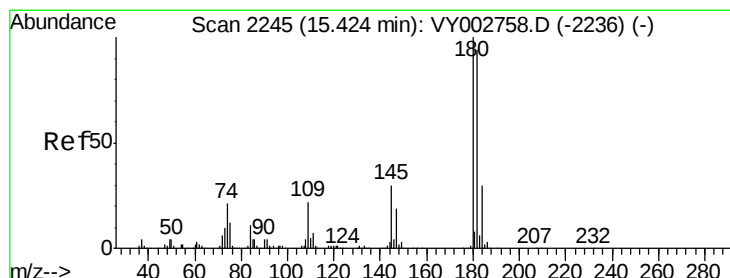
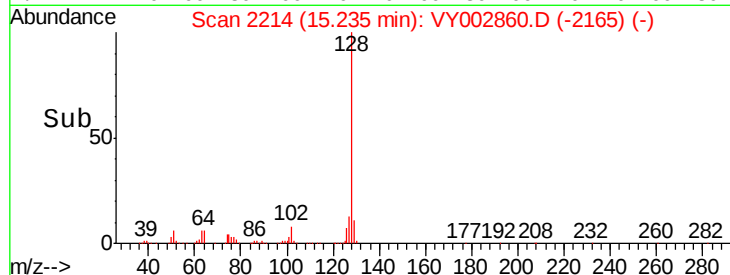
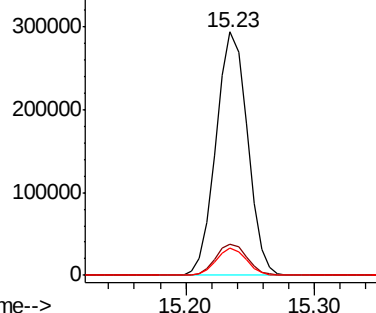
#95
Naphthalene
Concen: 49.084 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 495390
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1

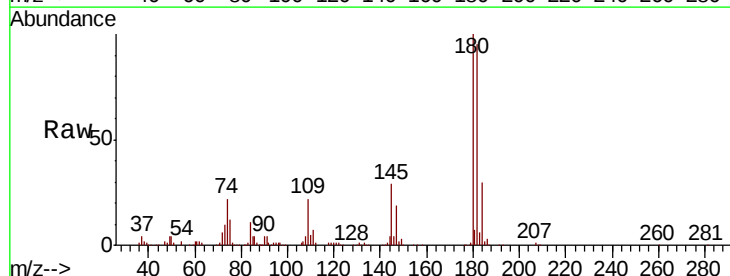


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.690 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002860.D
Acq: 05 Jun 2020 20:34

Tgt Ion:180 Resp: 223358
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.4
145 29.7 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

