

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002870.D
 Acq On : 09 Jun 2020 16:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 10 05:54:51 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	314287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	462320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	424942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	229949	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	135117	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.72	113	140968	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	10.18	98	535262	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.49	95	191346	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	92114	42.595	ug/l	93
3) Chloromethane	2.12	50	101859	42.583	ug/l	99
4) Vinyl Chloride	2.26	62	115951	45.862	ug/l	98
5) Bromomethane	2.66	94	87157	46.001	ug/l	100
6) Chloroethane	2.80	64	79563	48.545	ug/l	98
7) Trichlorofluoromethane	3.13	101	220525	49.249	ug/l	98
8) Diethyl Ether	3.54	74	81758	46.761	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	139004	52.284	ug/l	99
10) Methyl Iodide	4.10	142	183582	49.348	ug/l	99
11) Tert butyl alcohol	4.97	59	71383	243.024	ug/l	99
12) 1,1-Dichloroethene	3.88	96	132629	49.605	ug/l	95
13) Acrolein	3.74	56	71099	222.327	ug/l	98
14) Allyl chloride	4.49	41	198278	51.707	ug/l	99
15) Acrylonitrile	5.18	53	204126	258.786	ug/l	99
16) Acetone	3.96	43	186263	291.086	ug/l	99
17) Carbon Disulfide	4.20	76	365102	45.189	ug/l	99
18) Methyl Acetate	4.49	43	85804	53.507	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	381081	51.629	ug/l	97
20) Methylene Chloride	4.73	84	160896	51.452	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	148189	49.284	ug/l	99
22) Diisopropyl ether	6.12	45	416358	52.249	ug/l	93
23) Vinyl Acetate	6.07	43	1404421	266.943	ug/l	99
24) 1,1-Dichloroethane	6.02	63	241939	51.902	ug/l	99
25) 2-Butanone	6.99	43	263516	264.323	ug/l	99
26) 2,2-Dichloropropane	6.99	77	223161	49.917	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	169481	50.350	ug/l	100
28) Bromochloromethane	7.34	49	101687	53.139	ug/l	98
29) Tetrahydrofuran	7.35	42	167852	258.841	ug/l	99
30) Chloroform	7.51	83	257014	51.959	ug/l	95
31) Cyclohexane	7.79	56	215769	46.620	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	231186	50.155	ug/l	99
36) 1,1-Dichloropropene	7.92	75	193134	49.592	ug/l	99
37) Ethyl Acetate	7.08	43	111710	52.721	ug/l	99
38) Carbon Tetrachloride	7.90	117	214687	49.623	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	251826	49.058	ug/l	98
40) Benzene	8.16	78	573713	49.856	ug/l	98
41) Methacrylonitrile	7.32	41	60096m	52.794	ug/l	
42) 1,2-Dichloroethane	8.24	62	161668	50.130	ug/l	100
43) Isopropyl Acetate	8.28	43	209090	52.073	ug/l	100
44) Trichloroethene	8.94	130	179196	49.300	ug/l	97
45) 1,2-Dichloropropane	9.22	63	143096	51.854	ug/l	98
46) Dibromomethane	9.31	93	85564	52.208	ug/l	97
47) Bromodichloromethane	9.50	83	203237	52.603	ug/l	99
48) Methyl methacrylate	9.30	41	94393	52.075	ug/l	99
49) 1,4-Dioxane	9.30	88	24940	991.077	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	567768	267.034	ug/l	100
52) Toluene	10.24	92	378679	50.304	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	219586	52.034	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	246832	51.619	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	129011	51.418	ug/l	97
56) Ethyl methacrylate	10.51	69	177210	52.730	ug/l	99
57) 1,3-Dichloropropane	10.79	76	213693	51.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	437338	266.325	ug/l	100
59) 2-Hexanone	10.83	43	402447	266.770	ug/l	100
60) Dibromochloromethane	10.99	129	166563	52.361	ug/l	100
61) 1,2-Dibromoethane	11.09	107	128208	51.800	ug/l	99
64) Tetrachloroethene	10.72	164	188772	48.878	ug/l	98
65) Chlorobenzene	11.52	112	427538	50.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	164527	52.012	ug/l	99
67) Ethyl Benzene	11.59	91	745659	51.210	ug/l	100
68) m/p-Xylenes	11.70	106	574176	101.706	ug/l	100
69) o-Xylene	12.03	106	273481	51.315	ug/l	99
70) Styrene	12.05	104	481641	52.132	ug/l	100
71) Bromoform	12.21	173	111854	52.846	ug/l #	98
73) Isopropylbenzene	12.33	105	748167	50.771	ug/l	100
74) N-amyl acetate	12.14	43	199415	52.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	140215	54.231	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	115839m	55.907	ug/l	
77) Bromobenzene	12.61	156	192912	50.276	ug/l	99
78) n-propylbenzene	12.67	91	869108	51.058	ug/l	100
79) 2-Chlorotoluene	12.76	91	484216	50.712	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	625829	50.864	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58178	52.899	ug/l	98
82) 4-Chlorotoluene	12.86	91	511603	51.140	ug/l	99
83) tert-Butylbenzene	13.08	119	558549	50.892	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	631175	51.018	ug/l	100
85) sec-Butylbenzene	13.25	105	762906	50.838	ug/l	100
86) p-Isopropyltoluene	13.37	119	721509	51.671	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	367445	50.555	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	370118	50.906	ug/l	99
89) n-Butylbenzene	13.70	91	651392	51.382	ug/l	100
90) Hexachloroethane	13.96	117	138450	52.962	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	335900	50.959	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25545	51.353	ug/l	99

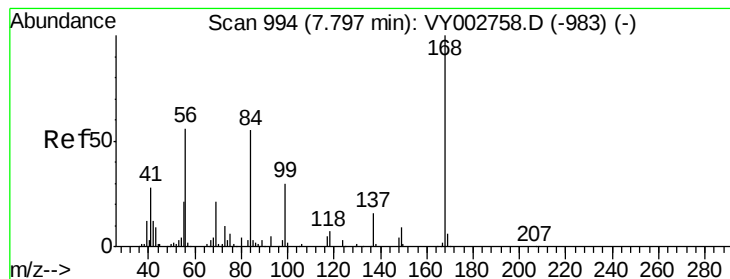
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	253327	50.988	ug/l	99
94) Hexachlorobutadiene	15.11	225	146422	51.960	ug/l	98
95) Naphthalene	15.24	128	512658	51.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	225937	50.925	ug/l	100

(#) = 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: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

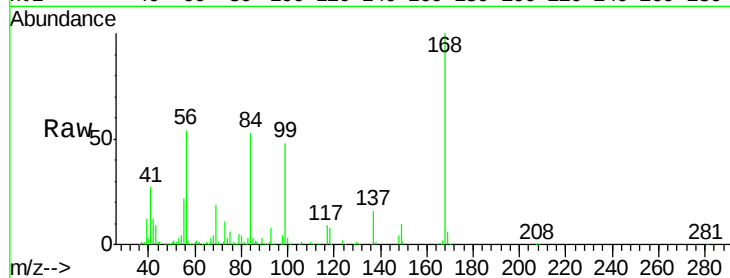
VSTDCCC050EC

Tot Ion:168 Resp: 314287

Ion Ratio Lower Upper

168 100

99 48.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002870.D

Ion 98.90 (98.60 to 99.60): VY002870.D

7.80

150000

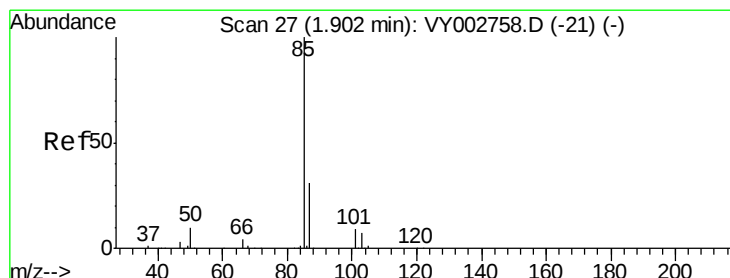
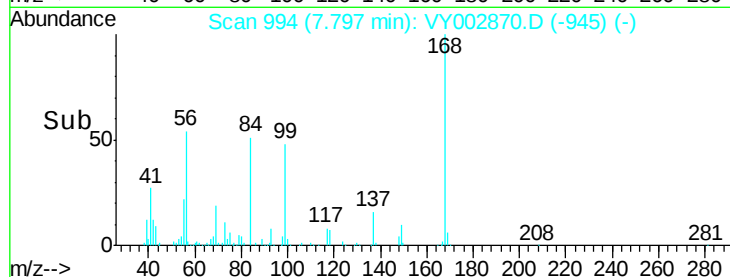
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.595 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002870.D

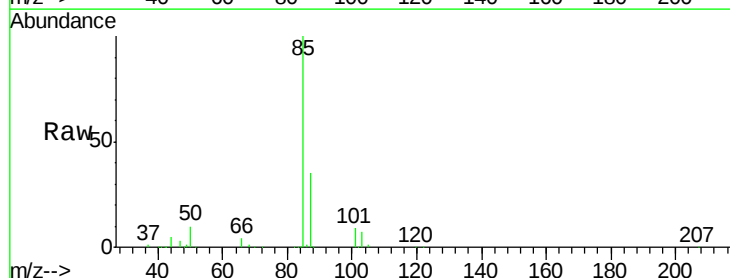
Acq: 09 Jun 2020 16:05

Tgt Ion: 85 Resp: 92114

Ion Ratio Lower Upper

85 100

87 34.7 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002870.D

Ion 86.90 (86.60 to 87.60): VY002870.D

1.91

60000

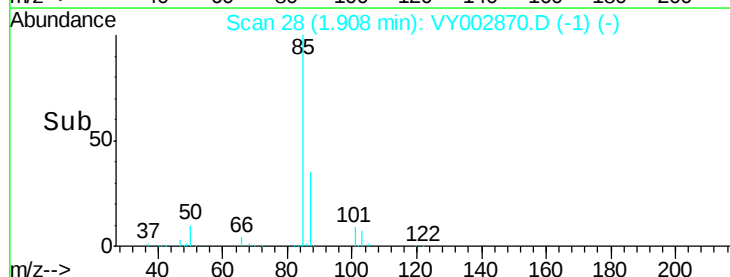
40000

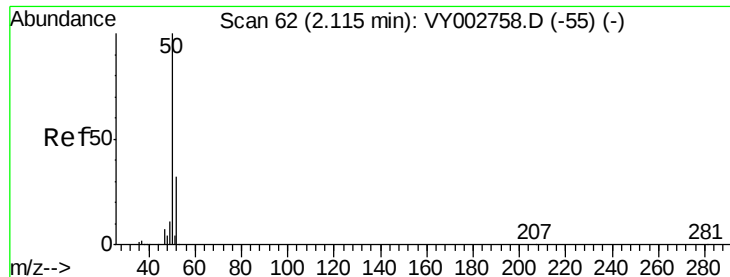
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 42.583 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

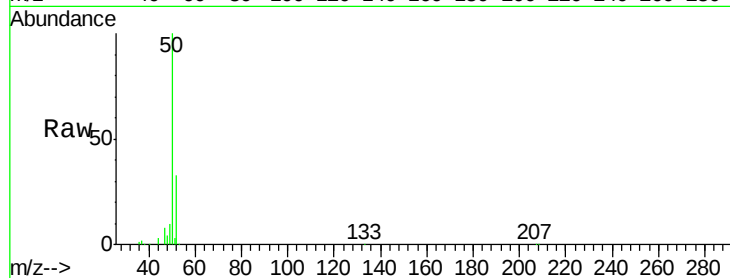
VSTDCCC050EC

Tot Ion: 50 Resp: 101859

Ion Ratio Lower Upper

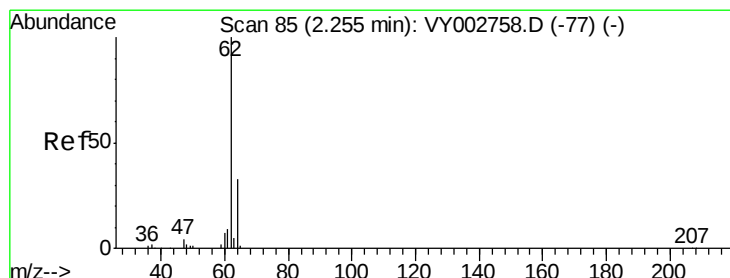
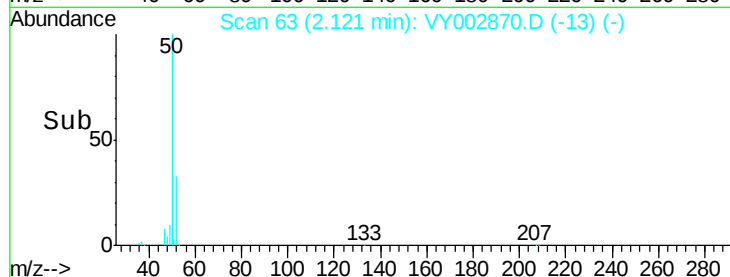
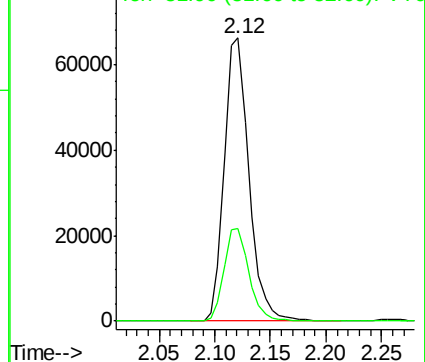
50 100

52 32.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.862 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002870.D

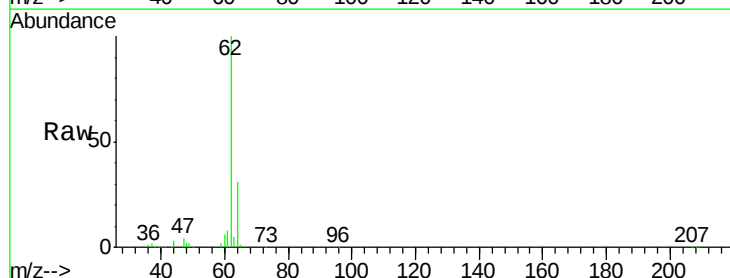
Acq: 09 Jun 2020 16:05

Tgt Ion: 62 Resp: 115951

Ion Ratio Lower Upper

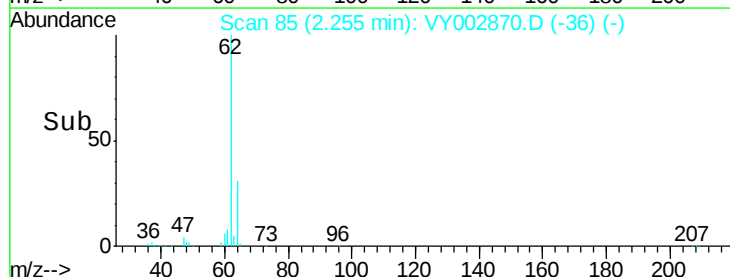
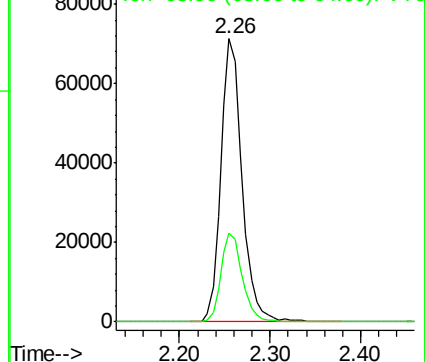
62 100

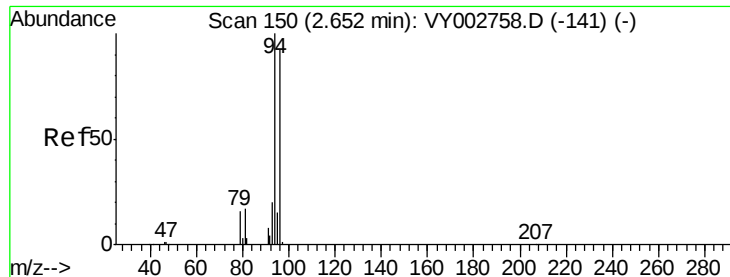
64 31.4 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.001 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

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ClientSampleId :

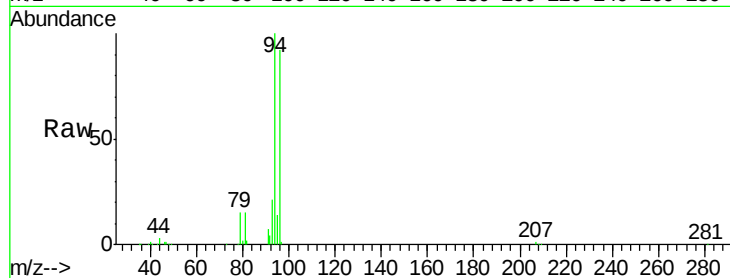
VSTDCCC050EC

Tot Ion: 94 Resp: 87157

Ion Ratio Lower Upper

94 100

96 92.3 73.7 110.5

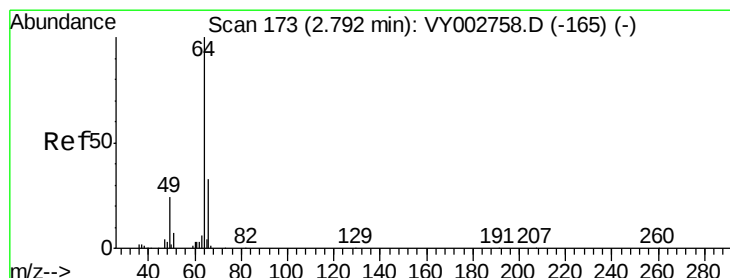
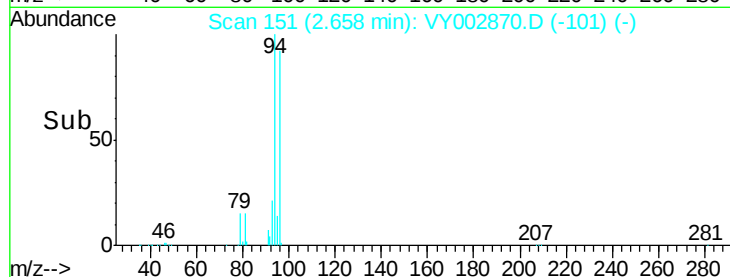


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

Time--> 2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 48.545 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002870.D

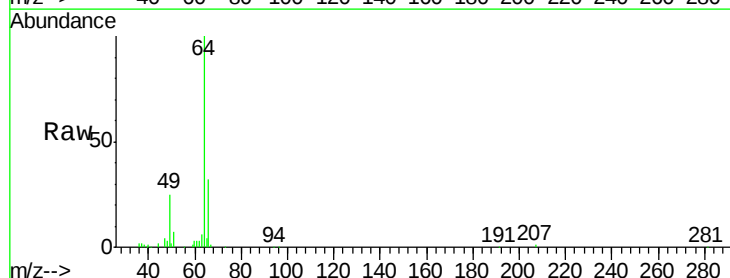
Acq: 09 Jun 2020 16:05

Tgt Ion: 64 Resp: 79563

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6

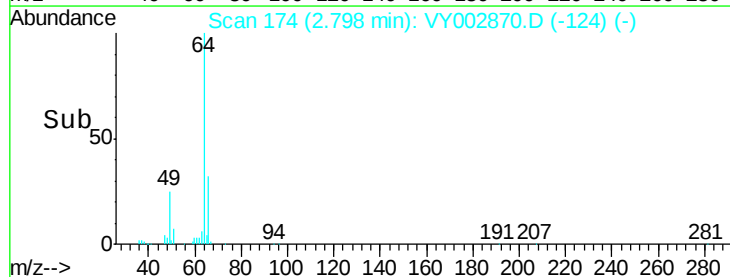


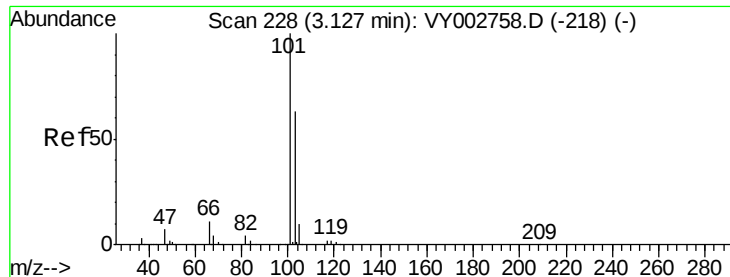
Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

Time--> 2.70 2.80 2.90



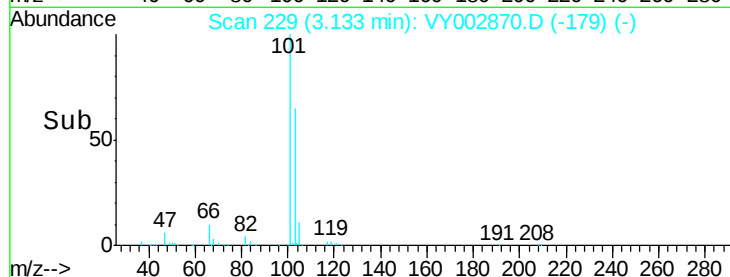
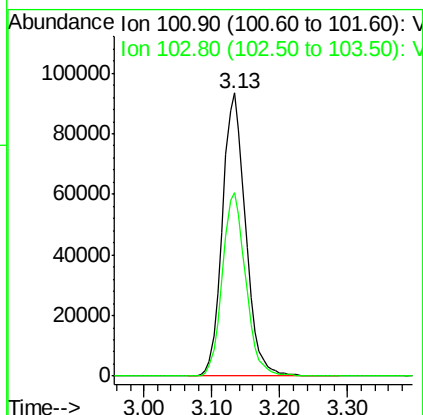
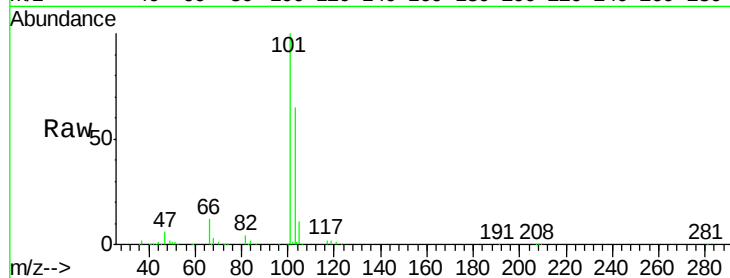


#7

Trichlorofluoromethane
Concen: 49.249 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

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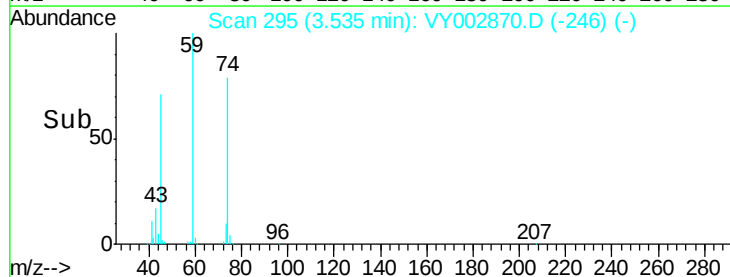
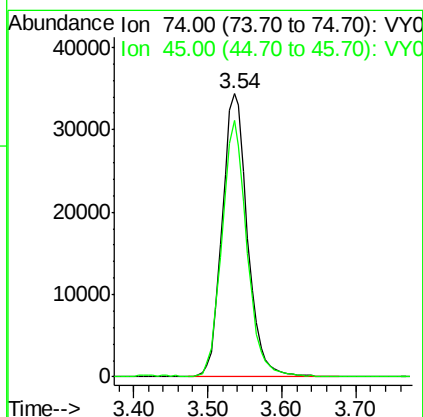
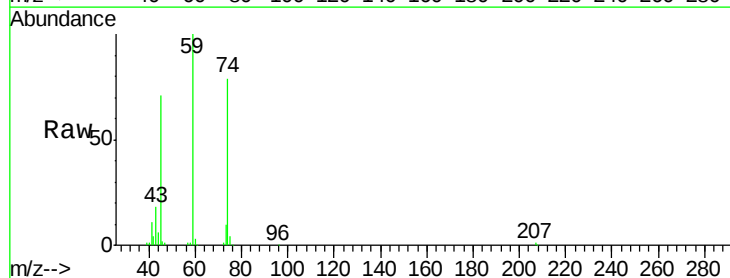
Tot Ion:101 Resp: 220525
Ion Ratio Lower Upper
101 100
103 64.7 50.6 76.0

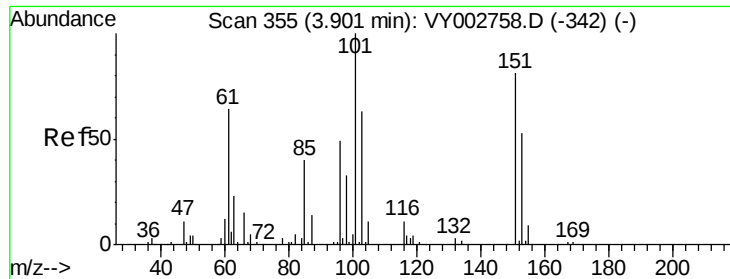


#8

Diethyl Ether
Concen: 46.761 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion: 74 Resp: 81758
Ion Ratio Lower Upper
74 100
45 88.0 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.284 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

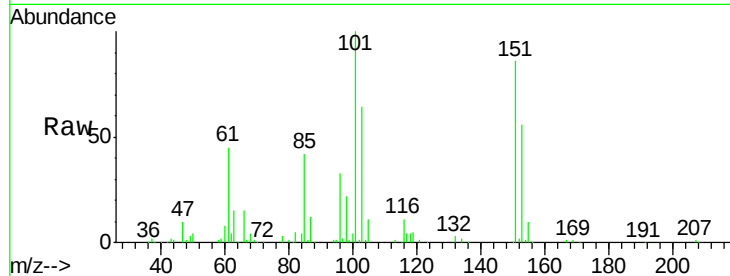
Tot Ion:101 Resp: 139004

Ion Ratio Lower Upper

101 100

85 42.0 32.7 49.1

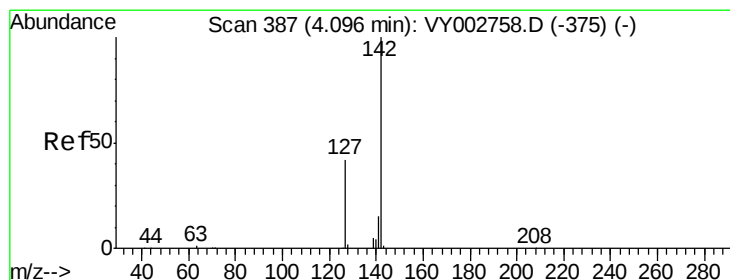
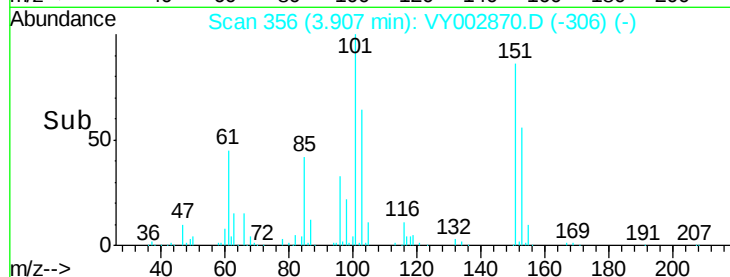
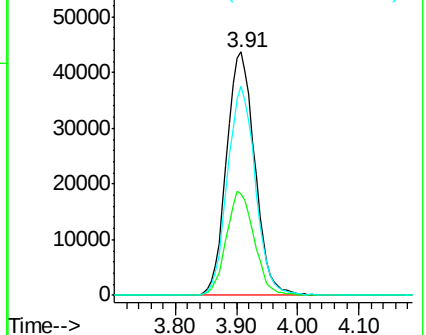
151 84.8 68.0 102.0



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: 49.348 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

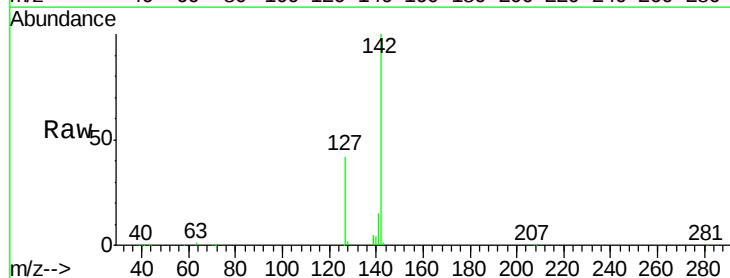
Tgt Ion:142 Resp: 183582

Ion Ratio Lower Upper

142 100

127 40.8 33.3 49.9

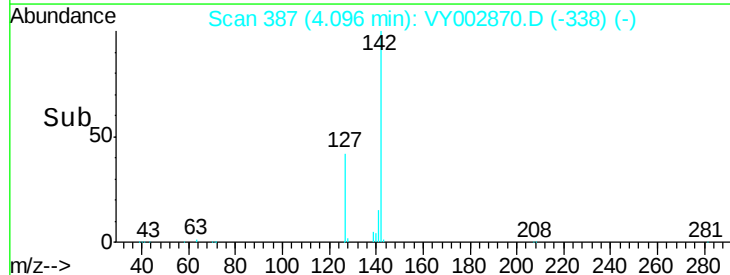
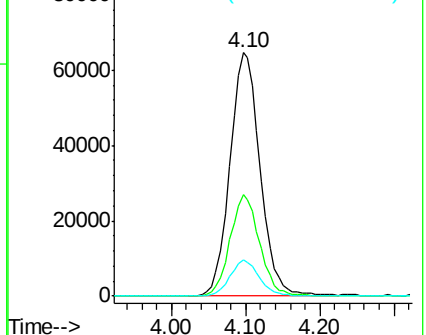
141 14.4 11.5 17.3

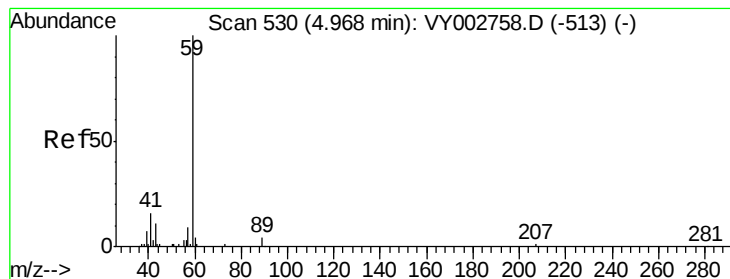


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



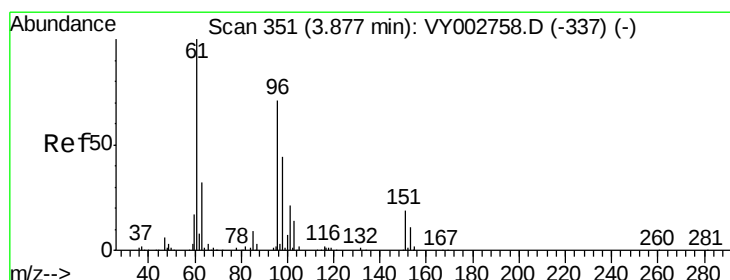
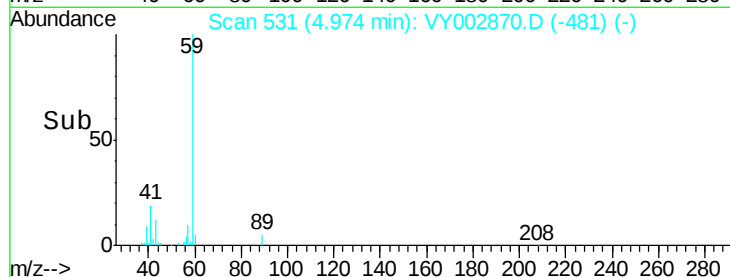
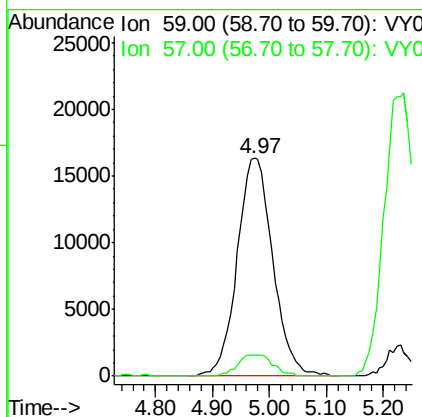
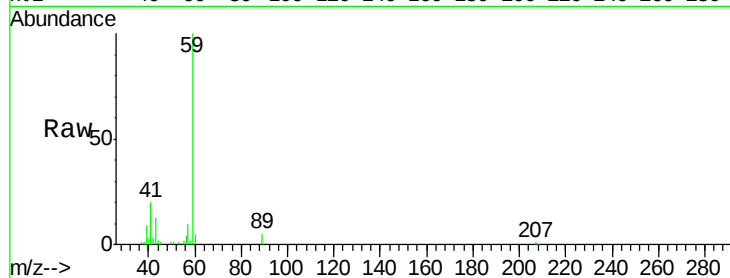


#11

Tert butyl alcohol
 Concen: 243.024 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

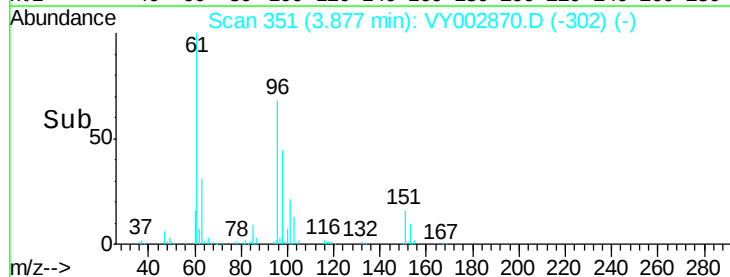
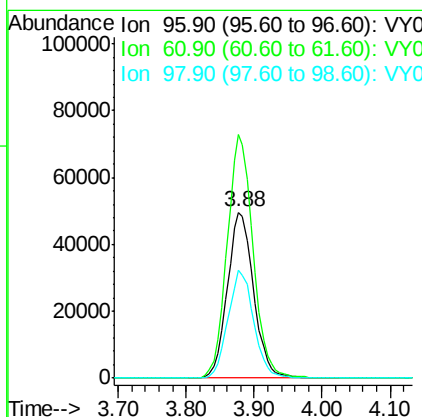
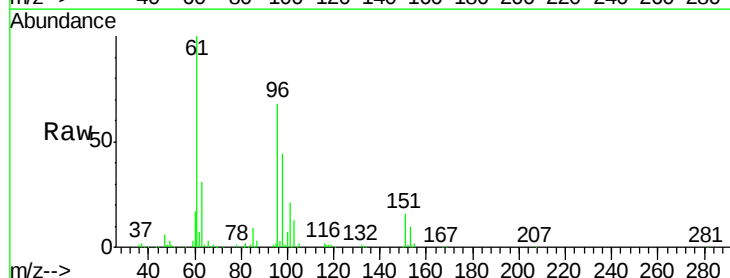
Tot Ion: 59 Resp: 71383
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.7 11.5

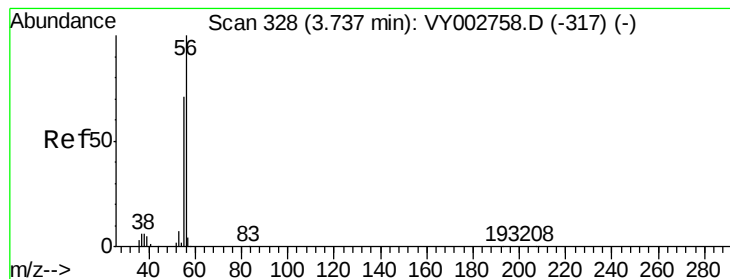


#12

1,1-Dichloroethene
 Concen: 49.605 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

Tgt Ion: 96 Resp: 132629
 Ion Ratio Lower Upper
 96 100
 61 147.1 112.6 168.8
 98 65.2 50.0 75.0





#13

Acrolein

Concen: 222.327 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

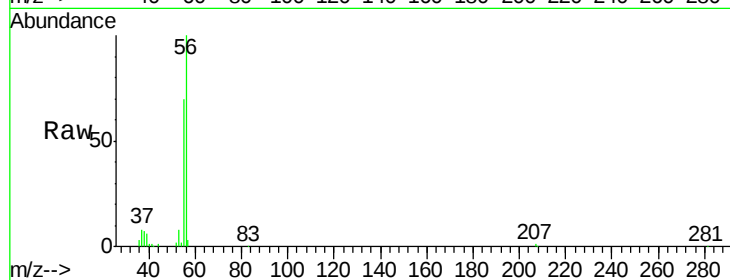
VSTDCCC050EC

Tot Ion: 56 Resp: 71099

Ion Ratio Lower Upper

56 100

55 71.6 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

30000

25000

20000

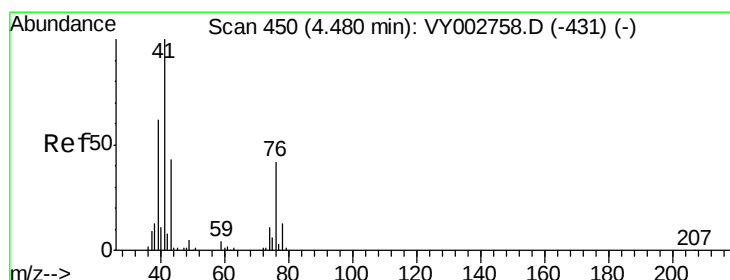
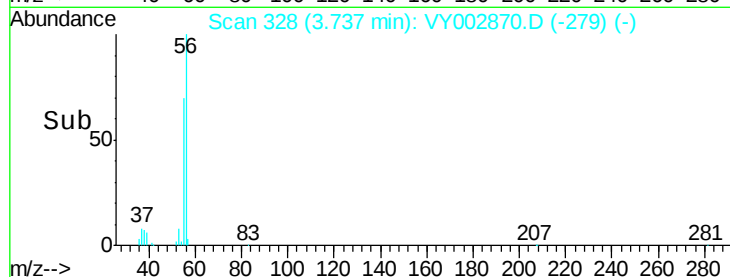
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 51.707 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

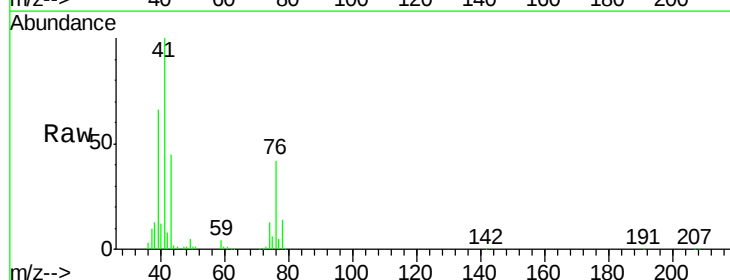
Tgt Ion: 41 Resp: 198278

Ion Ratio Lower Upper

41 100

39 61.7 49.9 74.9

76 40.8 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

80000

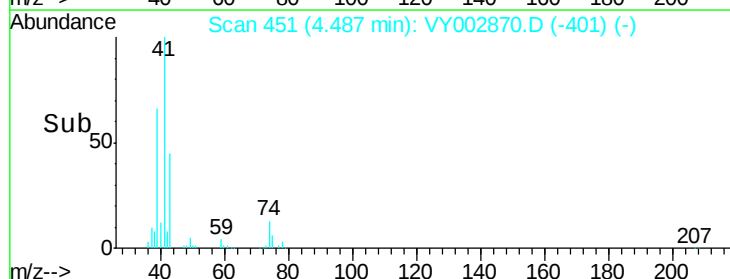
60000

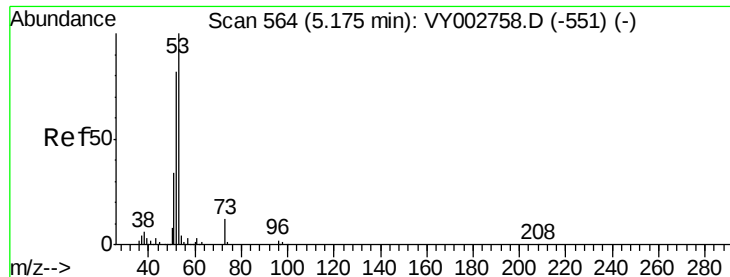
40000

20000

0

Time--> 4.40 4.60





#15

Acrylonitrile

Concen: 258.786 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

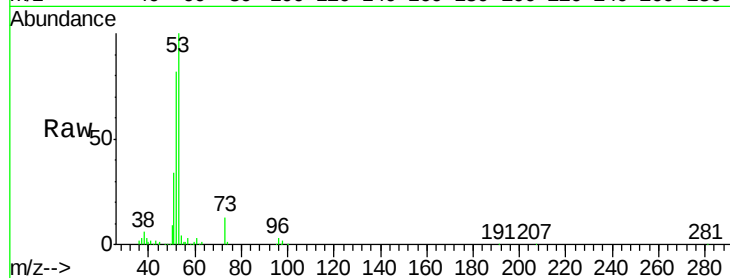
Tot Ion: 53 Resp: 204126

Ion Ratio Lower Upper

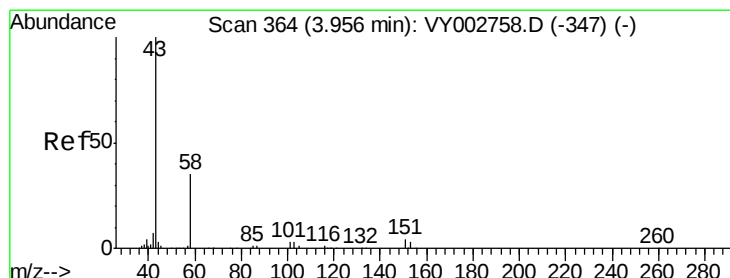
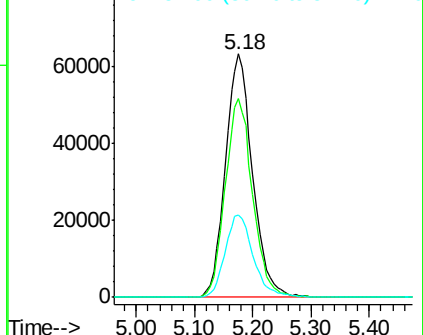
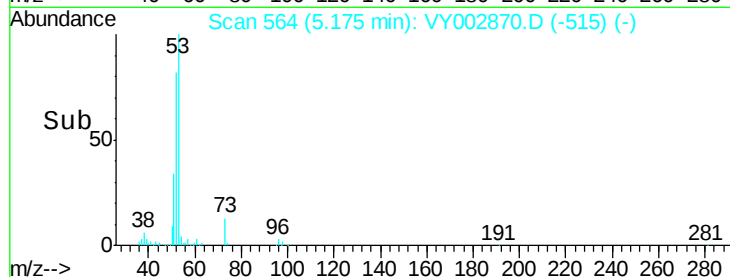
53 100

52 82.4 65.3 97.9

51 35.4 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002870.D (-515) (-)



#16

Acetone

Concen: 291.086 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002870.D

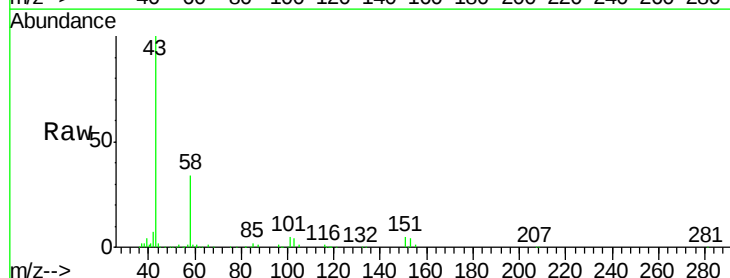
Acq: 09 Jun 2020 16:05

Tgt Ion: 43 Resp: 186263

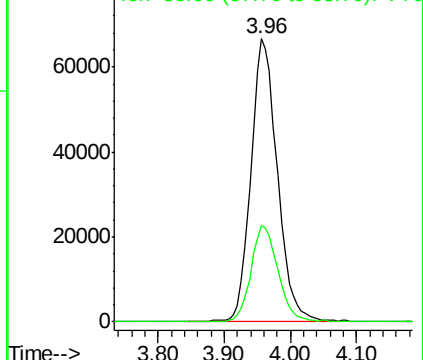
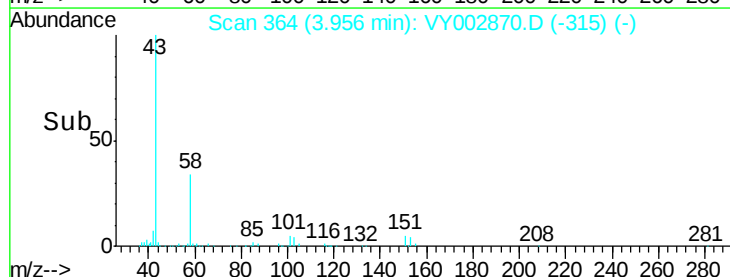
Ion Ratio Lower Upper

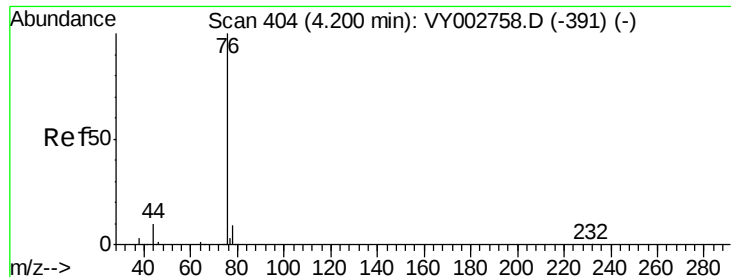
43 100

58 34.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002870.D (-315) (-)





#17

Carbon Disulfide

Concen: 45.189 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

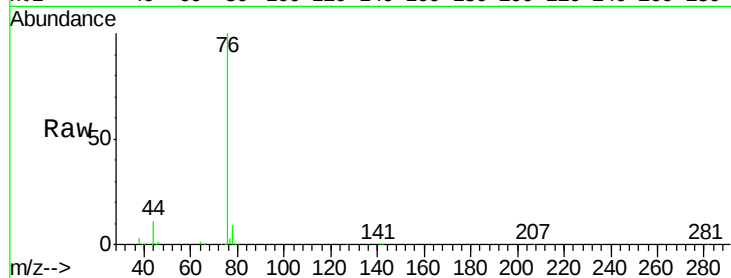
VSTDCCC050EC

Tot Ion: 76 Resp: 365102

Ion Ratio Lower Upper

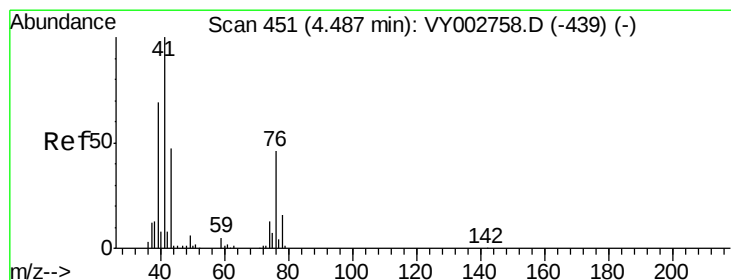
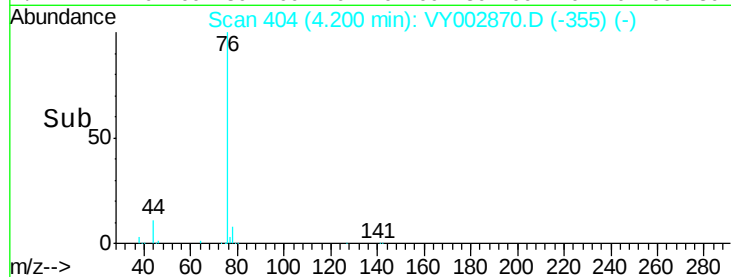
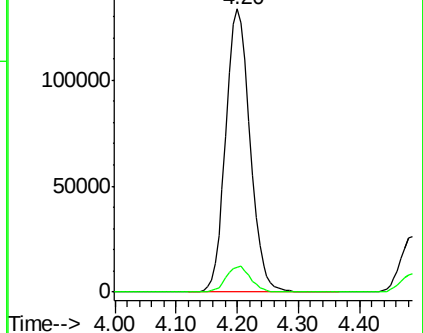
76 100

78 8.9 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002870.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY002870.D (-391) (-)



#18

Methyl Acetate

Concen: 53.507 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002870.D

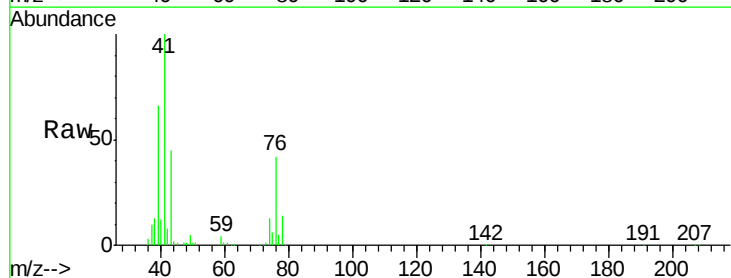
Acq: 09 Jun 2020 16:05

Tgt Ion: 43 Resp: 85804

Ion Ratio Lower Upper

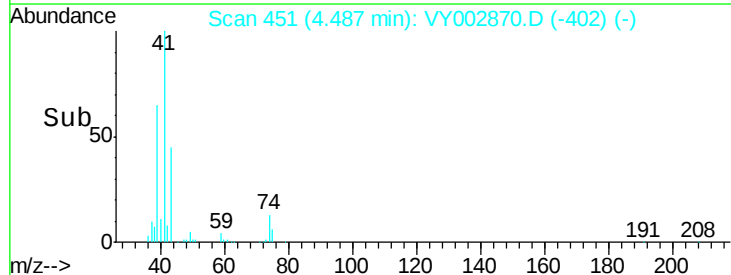
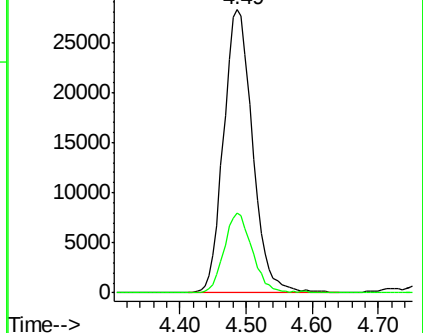
43 100

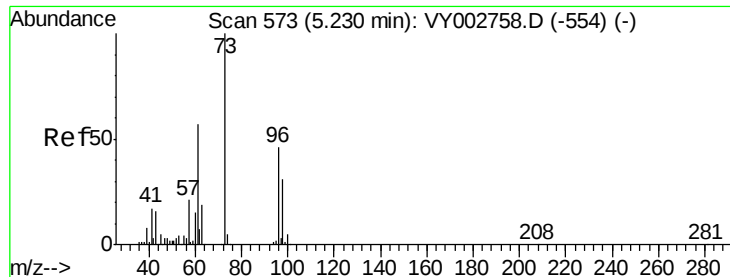
74 27.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY002870.D (-402) (-)

Ion 74.00 (73.70 to 74.70): VY002870.D (-402) (-)



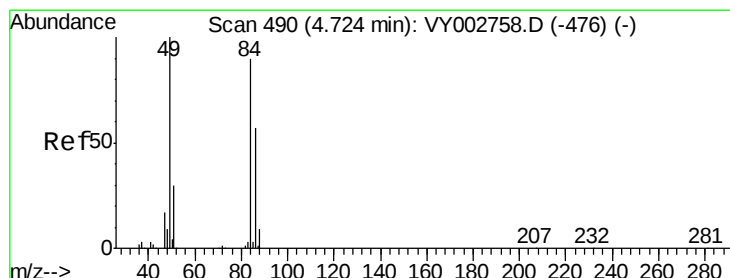
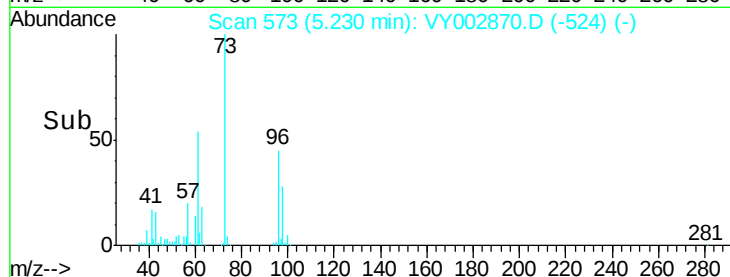
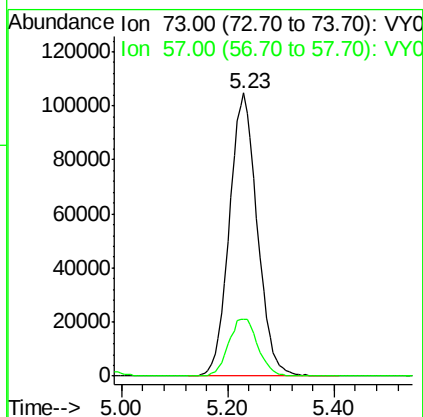
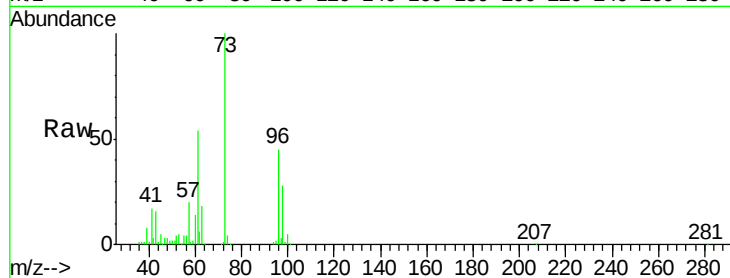


#19

Methyl tert-butyl Ether
 Concen: 51.629 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

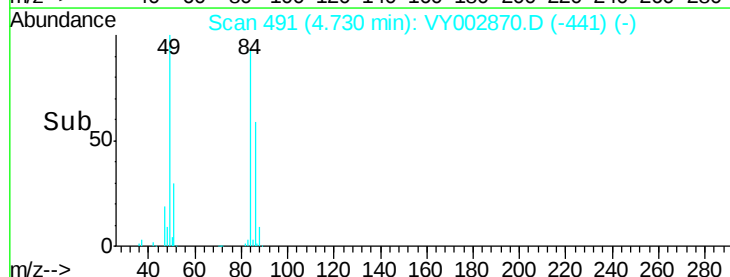
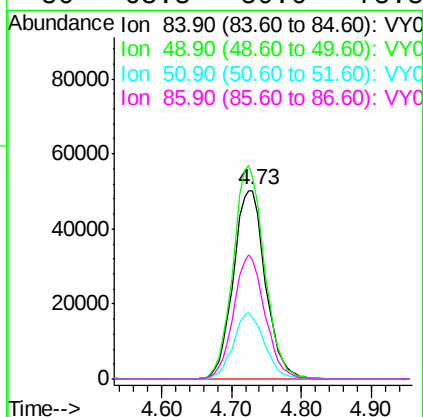
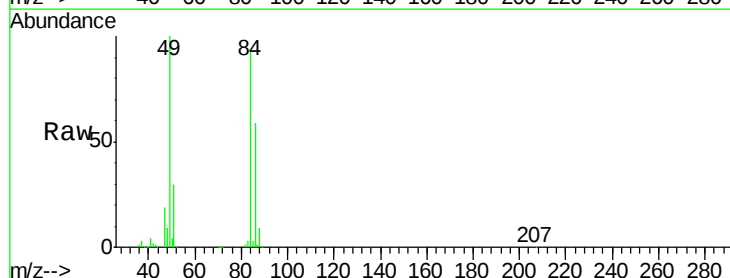
Tot Ion: 73 Resp: 381081
 Ion Ratio Lower Upper
 73 100
 57 20.0 17.0 25.4

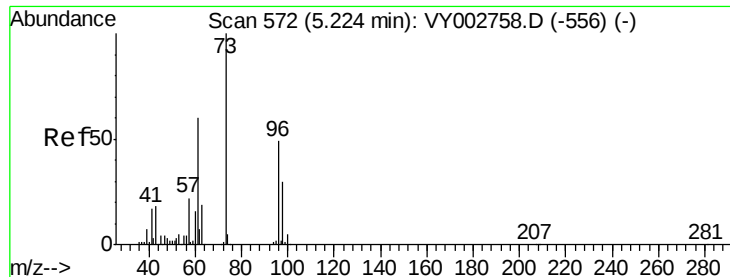


#20

Methylene Chloride
 Concen: 51.452 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

Tgt Ion: 84 Resp: 160896
 Ion Ratio Lower Upper
 84 100
 49 107.3 88.5 132.7
 51 32.6 26.8 40.2
 86 63.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.284 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

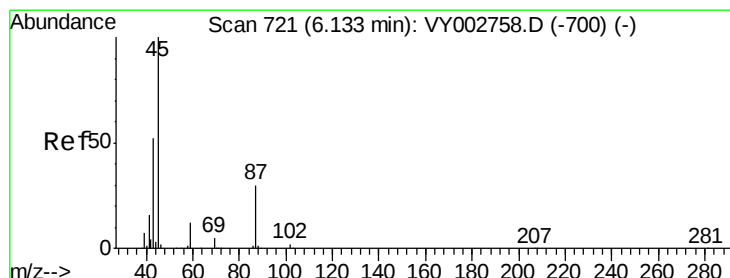
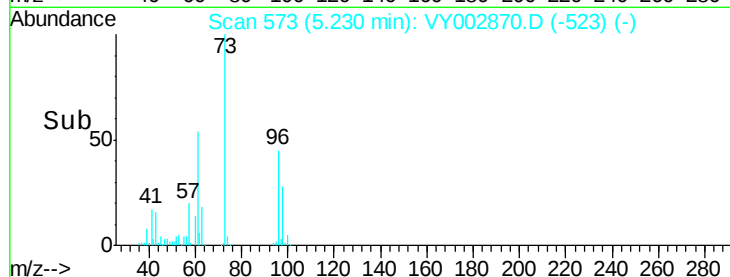
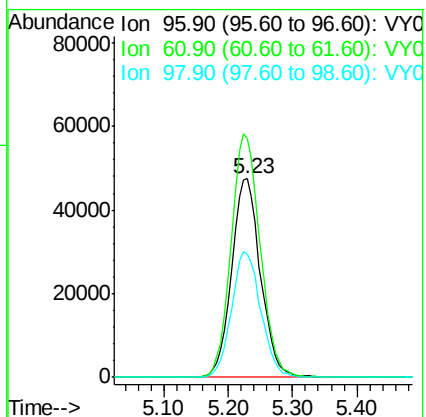
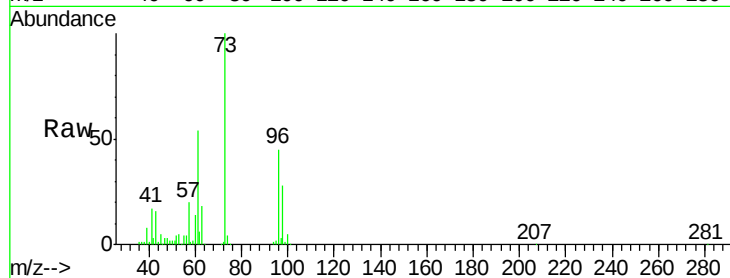
Tot Ion: 96 Resp: 148189

Ion Ratio Lower Upper

96 100

61 119.9 96.8 145.2

98 62.3 49.4 74.0



#22

Diisopropyl ether

Concen: 52.249 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Tgt Ion: 45 Resp: 416358

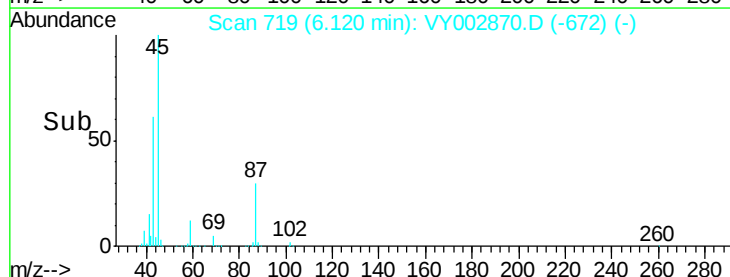
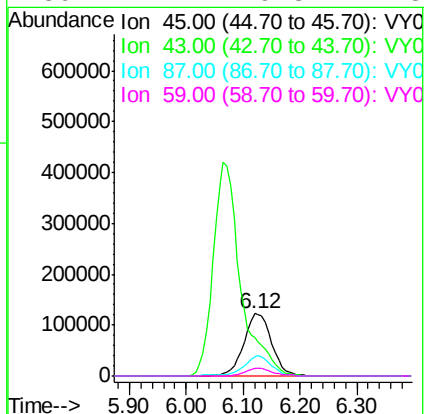
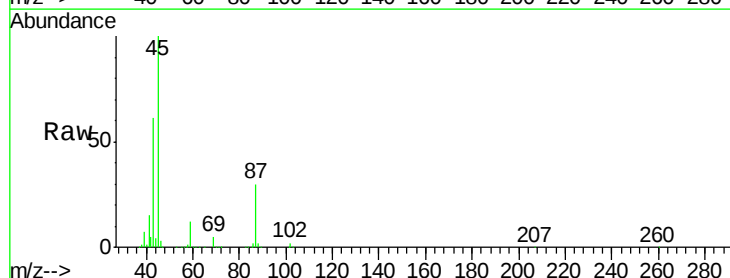
Ion Ratio Lower Upper

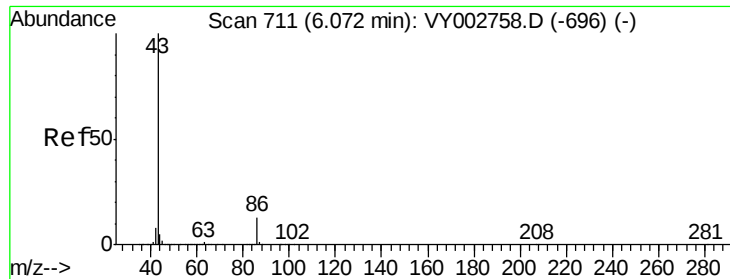
45 100

43 60.6 41.7 62.5

87 30.0 24.2 36.2

59 12.4 9.8 14.8





#23

Vinyl Acetate

Concen: 266.943 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

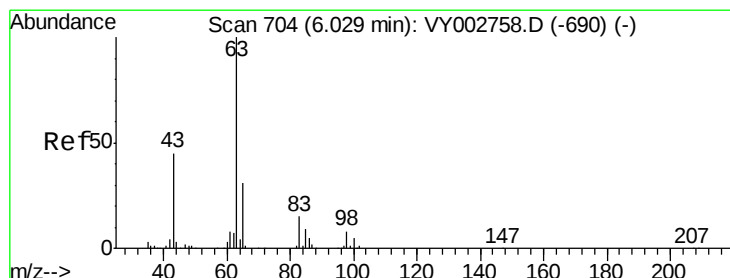
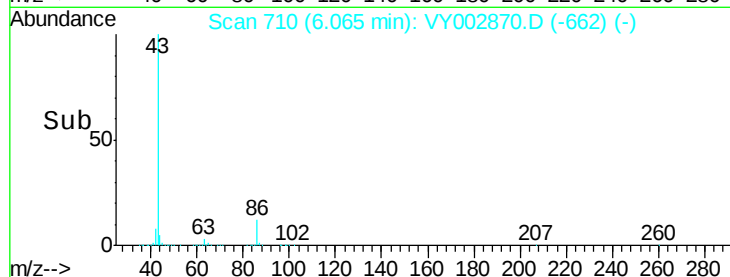
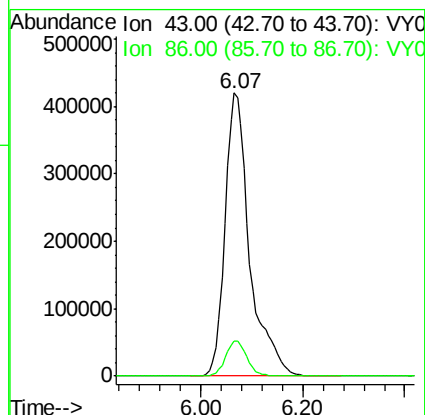
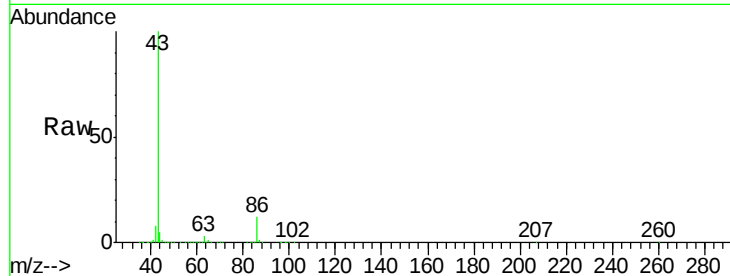
VSTDCCC050EC

Tot Ion: 43 Resp: 1404421

Ion Ratio Lower Upper

43 100

86 12.4 10.2 15.2



#24

1,1-Dichloroethane

Concen: 51.902 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

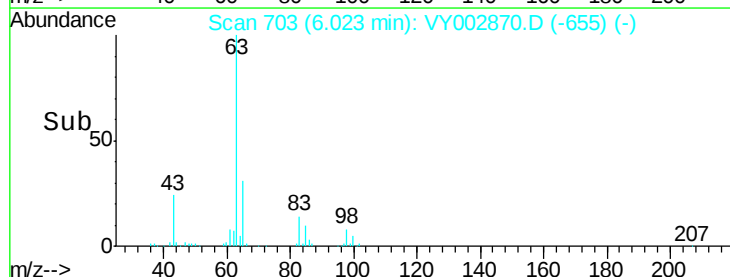
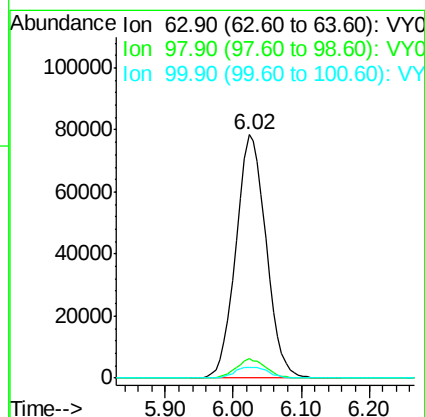
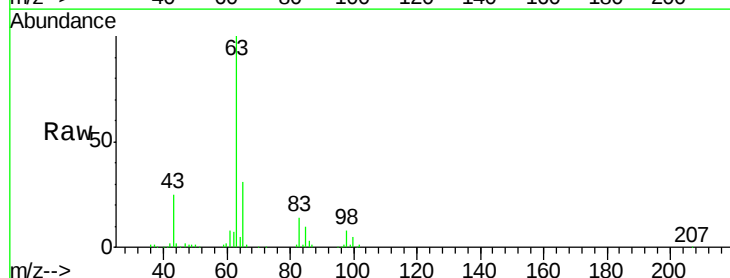
Tgt Ion: 63 Resp: 241939

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.2

100 4.5 2.4 7.1

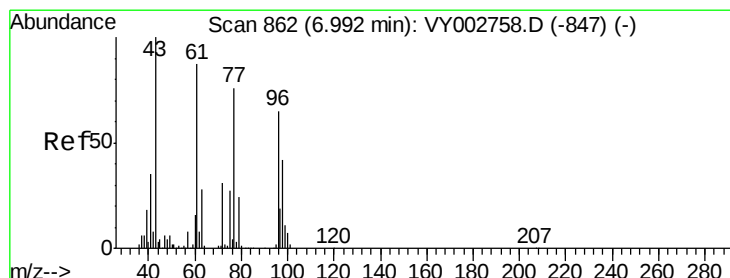
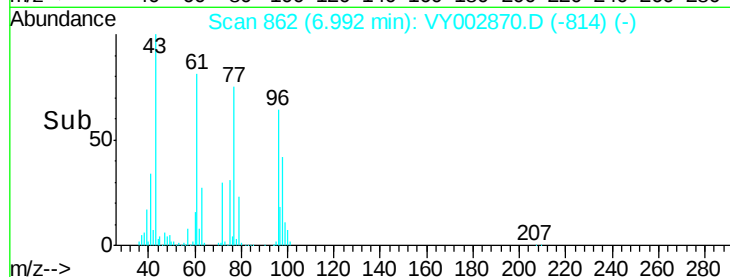
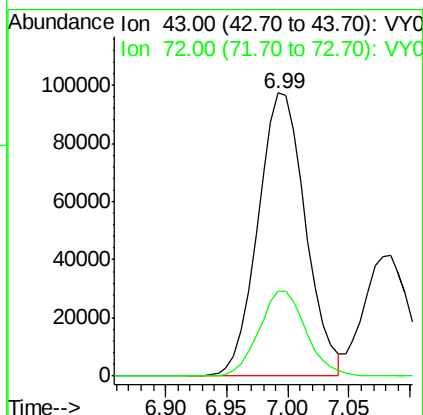
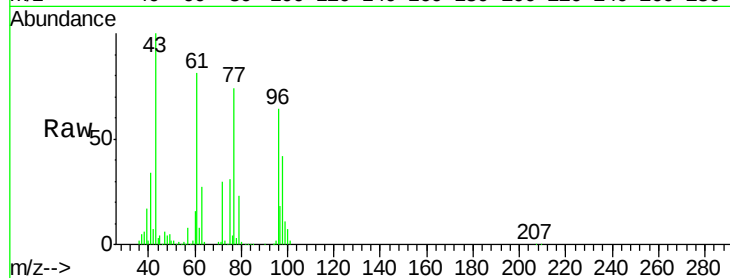




#25
2-Butanone
Concen: 264.323 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

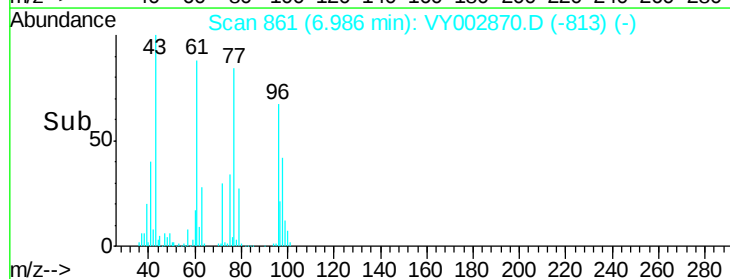
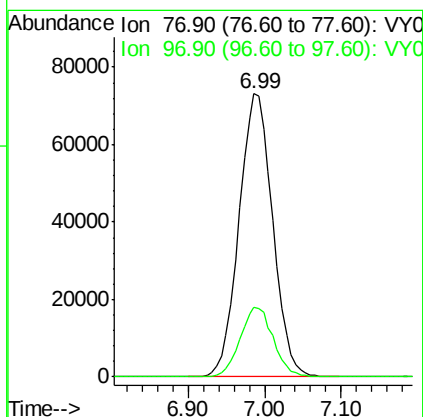
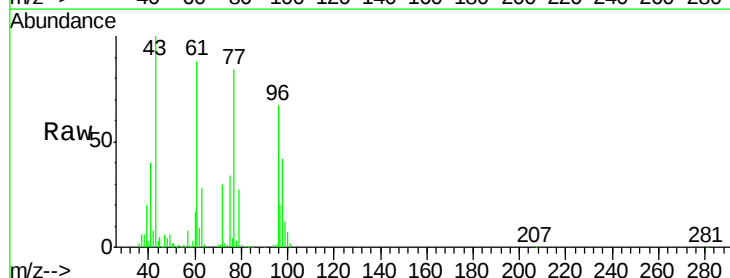
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 263516
Ion Ratio Lower Upper
43 100
72 30.2 23.9 35.9



#26
2,2-Dichloropropane
Concen: 49.917 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion: 77 Resp: 223161
Ion Ratio Lower Upper
77 100
97 24.3 12.2 36.6



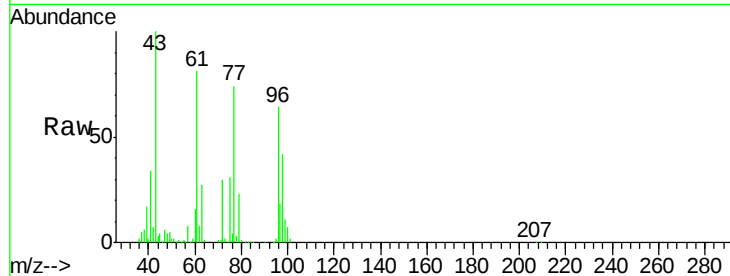


#27

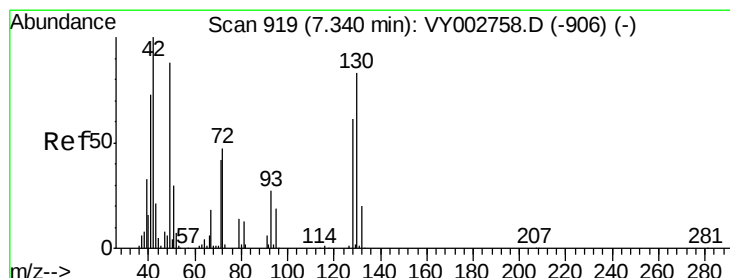
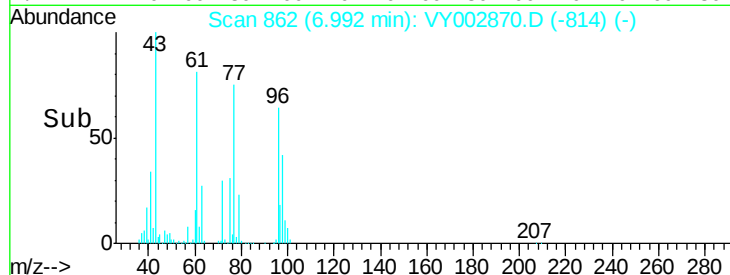
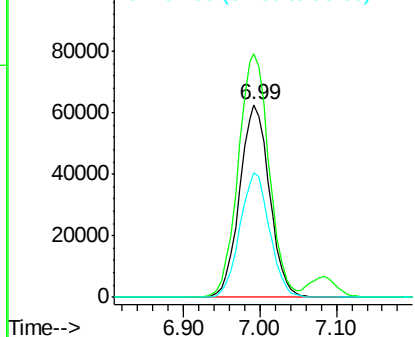
cis-1,2-Dichloroethene
Concen: 50.350 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 169481
Ion Ratio Lower Upper
96 100
61 129.8 0.0 260.2
98 64.6 0.0 128.2



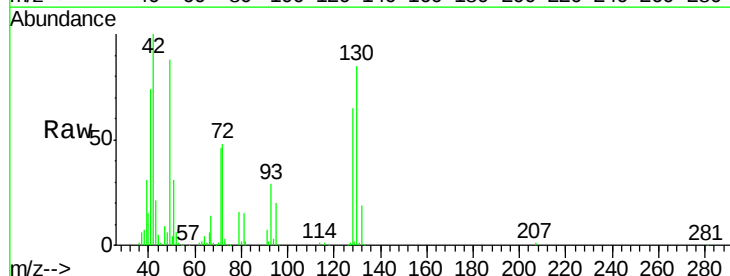
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



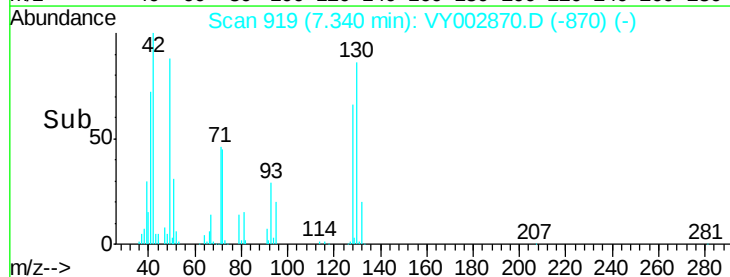
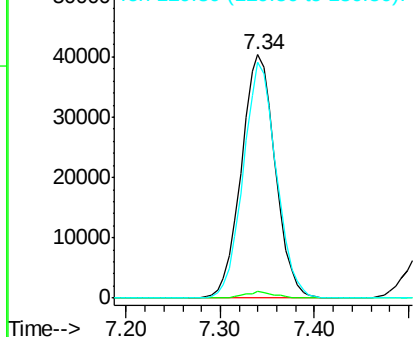
#28

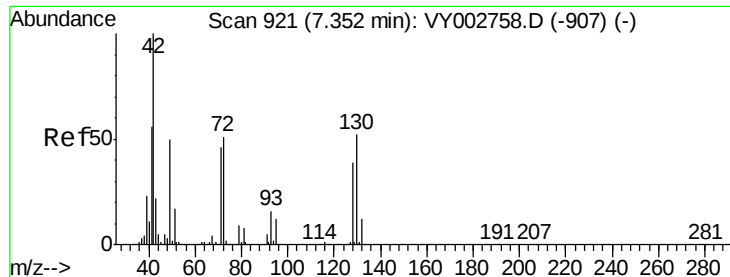
Bromochloromethane
Concen: 53.139 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion: 49 Resp: 101687
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.2
130 94.5 77.1 115.7



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





#29

Tetrahydrofuran

Concen: 258.841 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

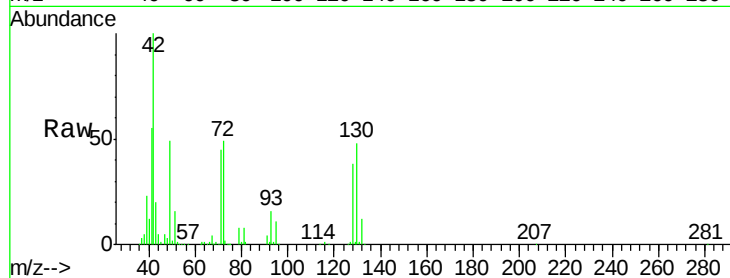
Tot Ion: 42 Resp: 167852

Ion Ratio Lower Upper

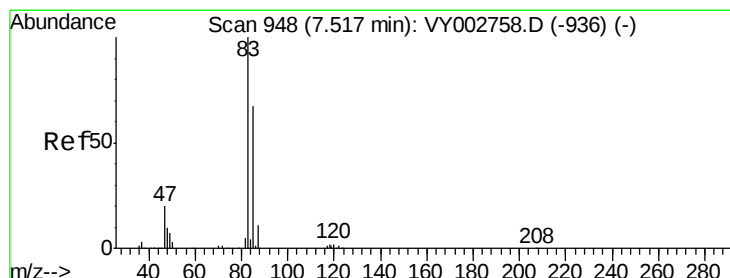
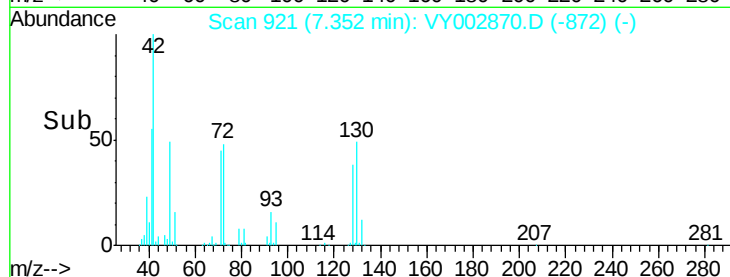
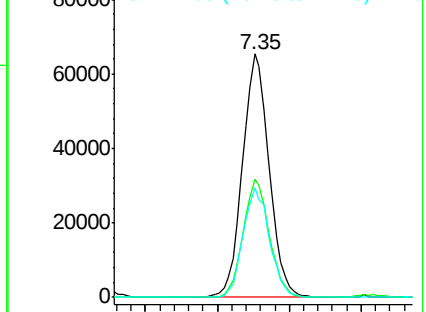
42 100

72 47.6 38.6 58.0

71 44.5 35.8 53.8



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



#30

Chloroform

Concen: 51.959 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002870.D

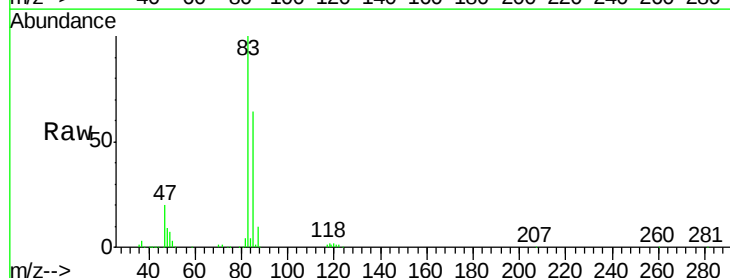
Acq: 09 Jun 2020 16:05

Tgt Ion: 83 Resp: 257014

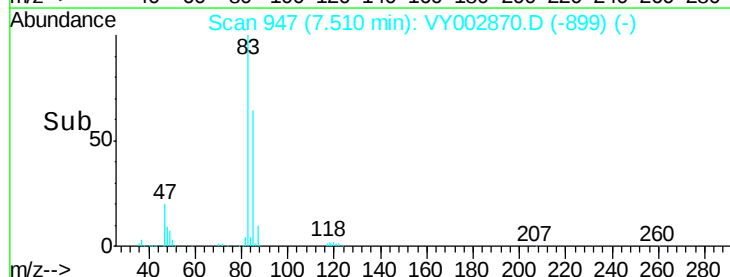
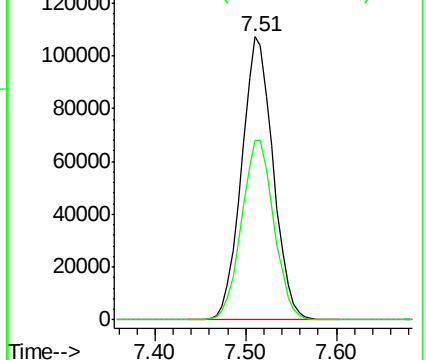
Ion Ratio Lower Upper

83 100

85 63.6 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: 46.620 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

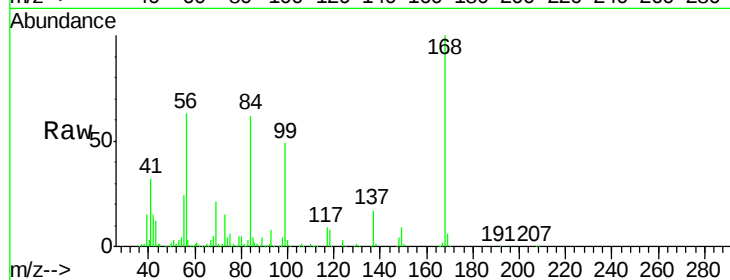
Tot Ion: 56 Resp: 215769

Ion Ratio Lower Upper

56 100

69 33.7 28.0 42.0

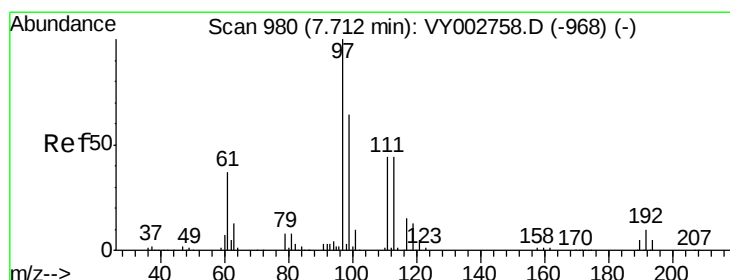
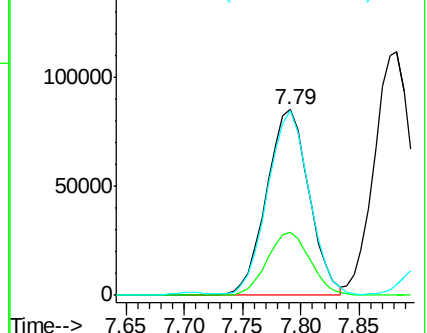
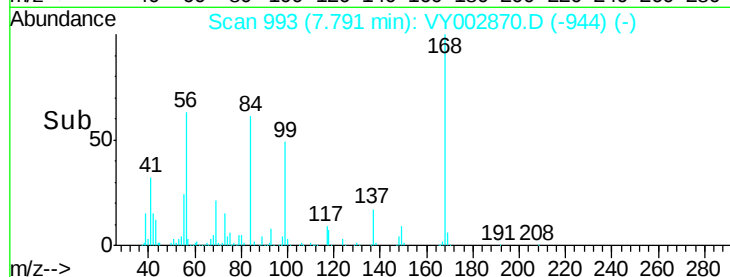
84 98.2 77.7 116.5



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: 50.155 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

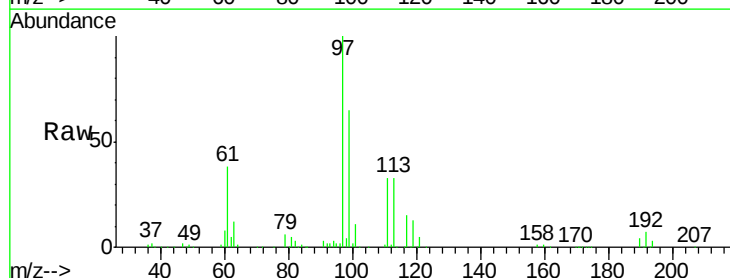
Tgt Ion: 97 Resp: 231186

Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

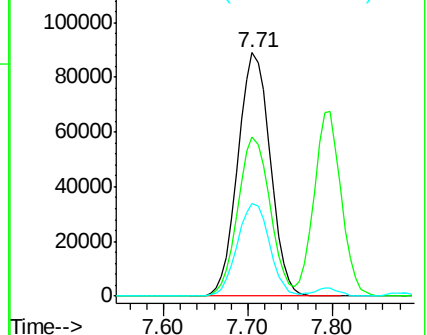
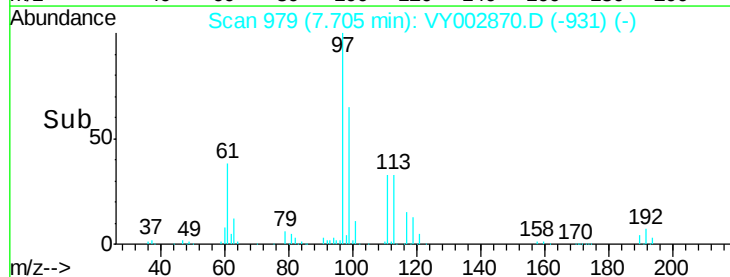
61 37.9 30.1 45.1



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: 49.514 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

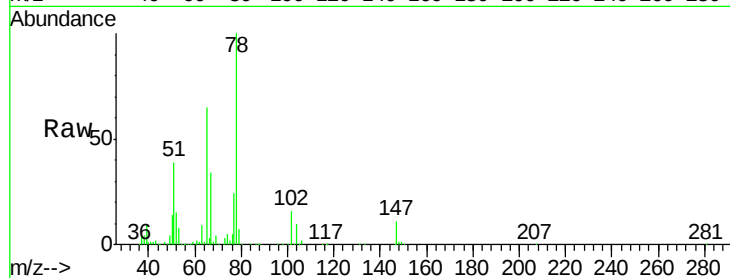
VSTDCCC050EC

Tot Ion: 65 Resp: 135117

Ion Ratio Lower Upper

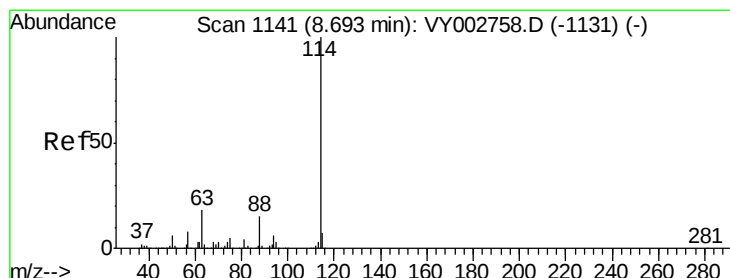
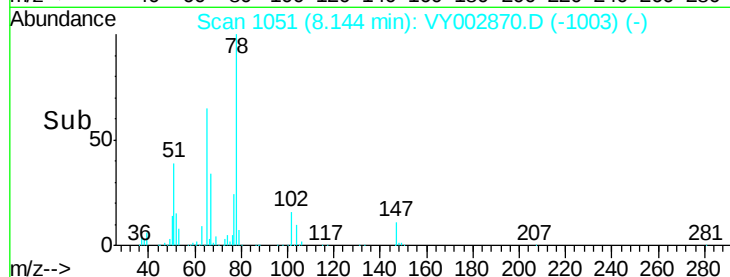
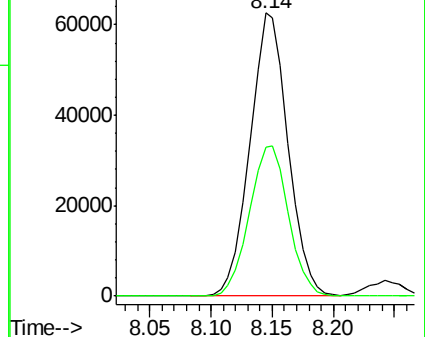
65 100

67 54.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002870.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002870.D (-1041) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

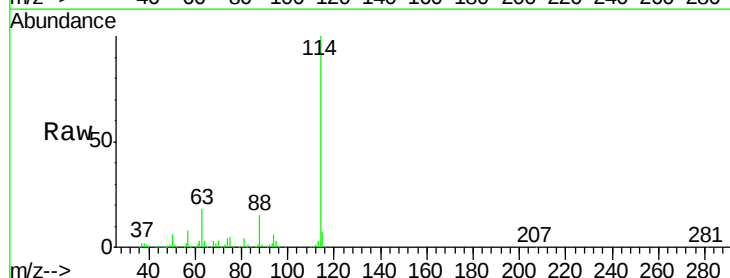
Tgt Ion: 114 Resp: 462320

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

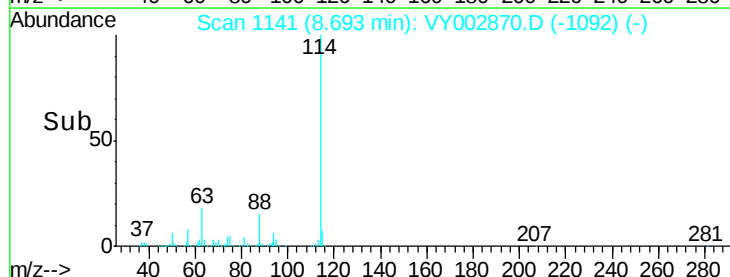
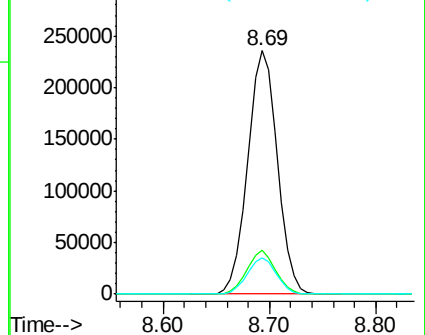
88 14.9 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VY002870.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY002870.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY002870.D (-1092) (-)





#35

Dibromofluoromethane

Concen: 52.029 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

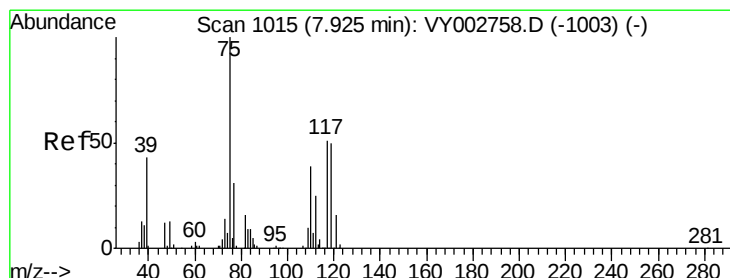
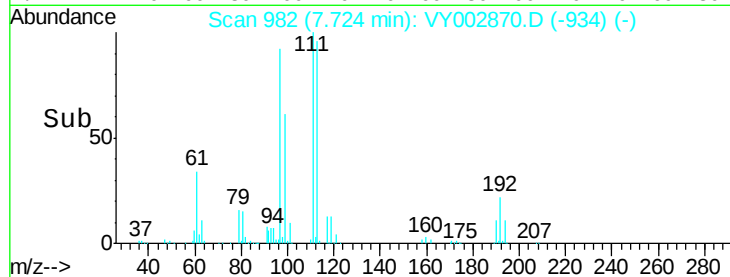
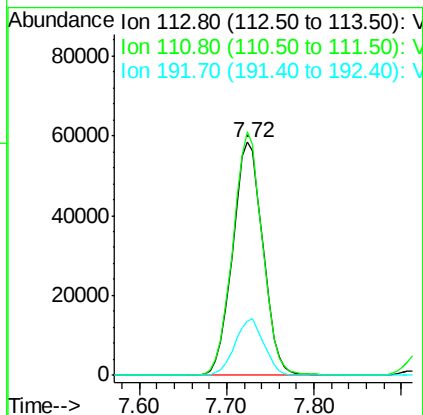
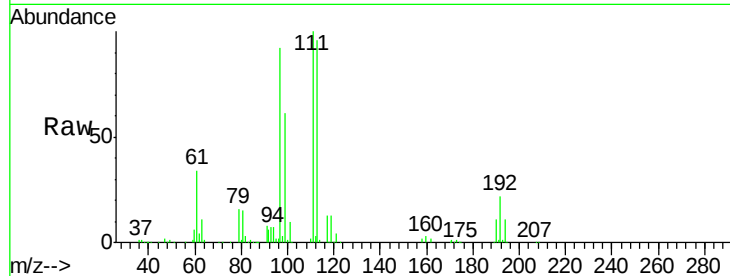
Tot Ion:113 Resp: 140968

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 23.3 18.9 28.3



#36

1,1-Dichloropropene

Concen: 49.592 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

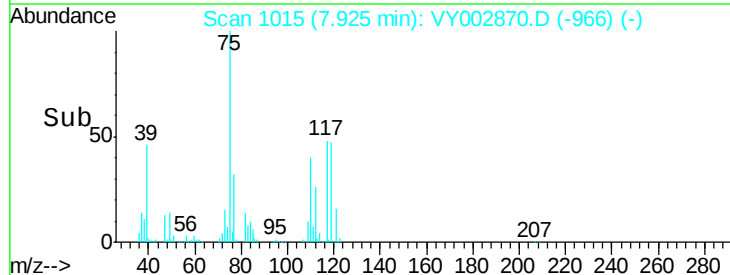
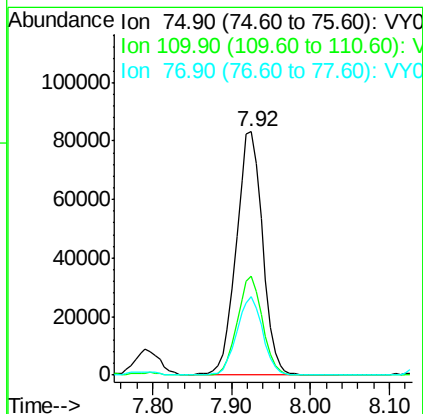
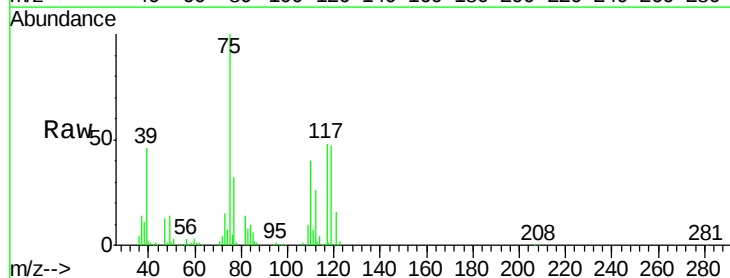
Tgt Ion: 75 Resp: 193134

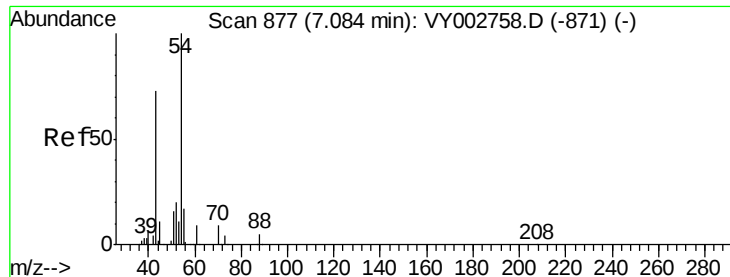
Ion Ratio Lower Upper

75 100

110 38.6 19.3 57.9

77 31.6 24.8 37.2

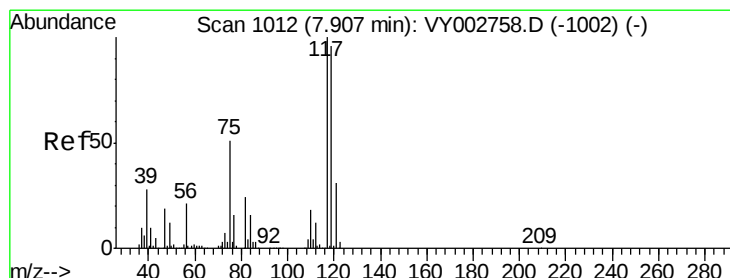
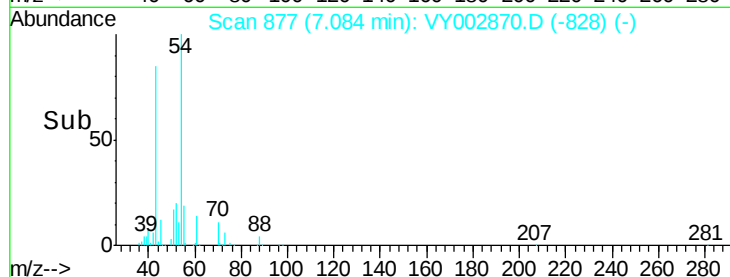
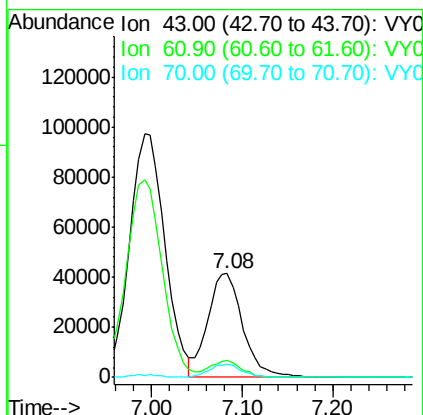
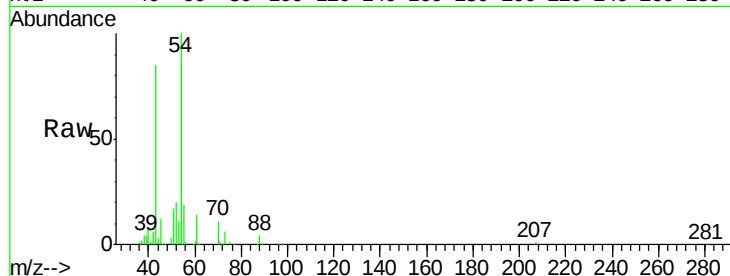




#37
Ethyl Acetate
Concen: 52.721 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

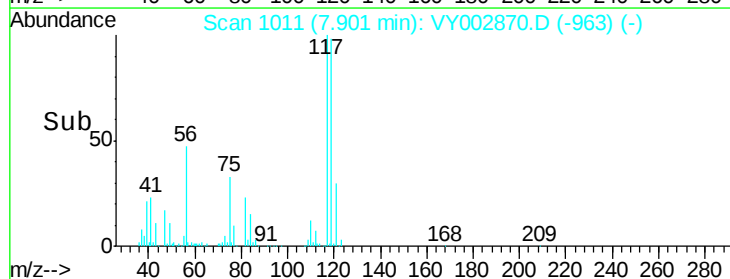
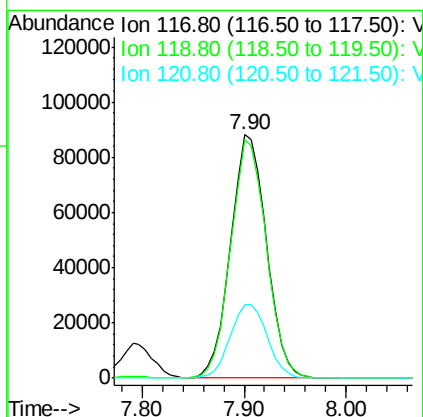
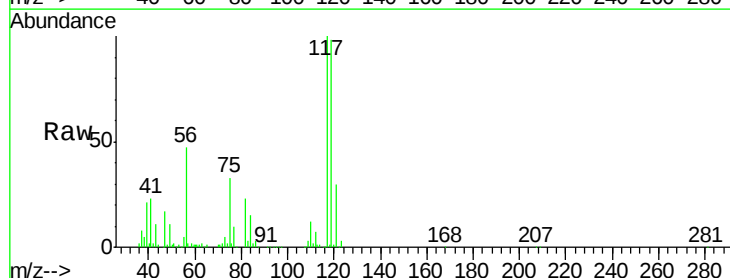
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

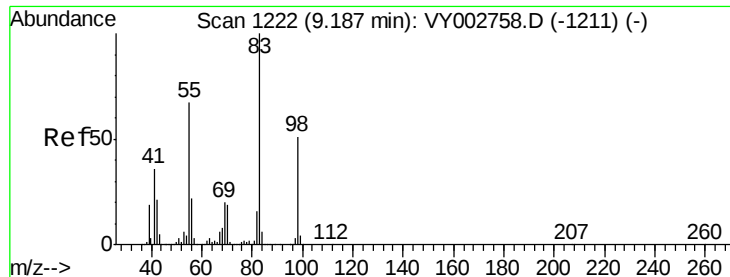
Tot Ion: 43 Resp: 111710
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.623 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion: 117 Resp: 214687
Ion Ratio Lower Upper
117 100
119 97.8 76.8 115.2
121 30.1 24.8 37.2

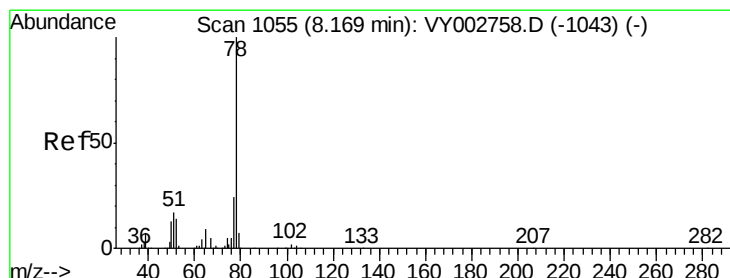
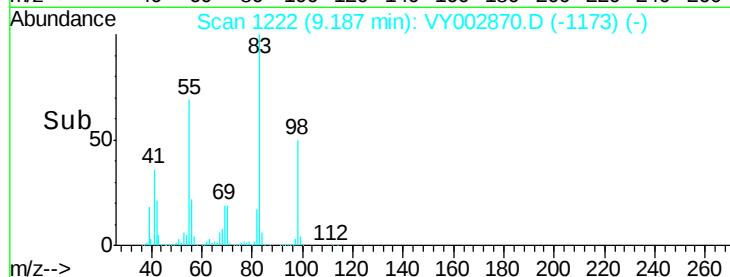
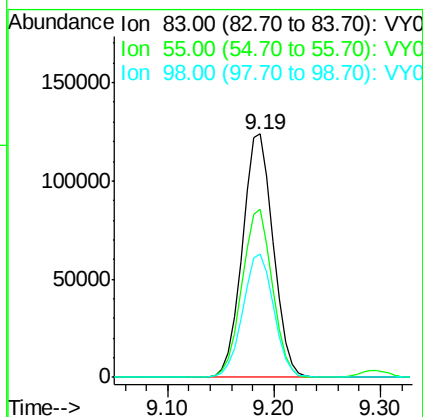
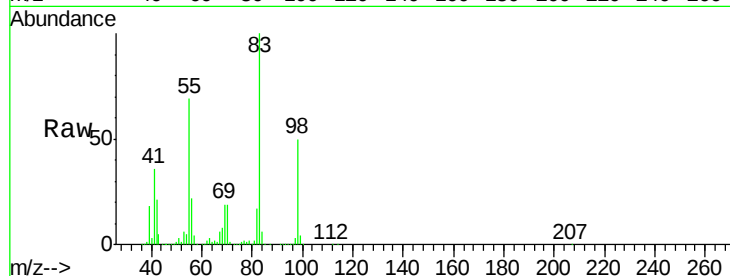




#39
Methvlcvclohexane
Concen: 49.058 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

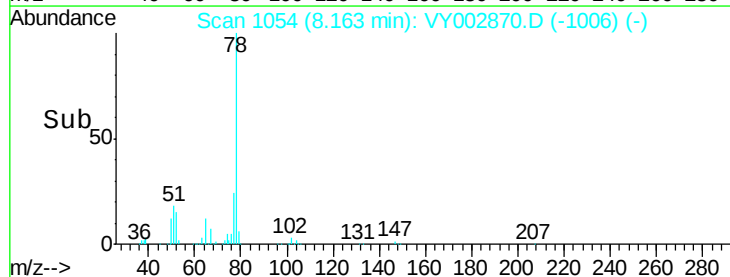
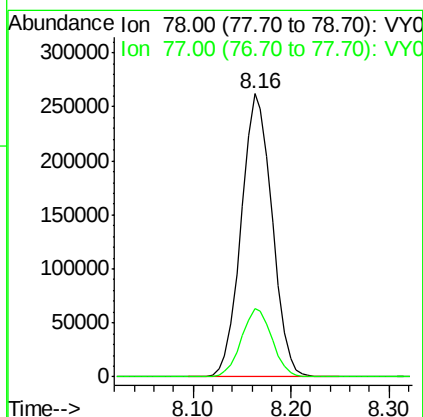
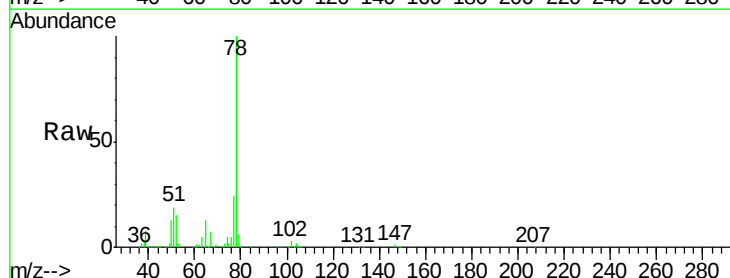
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

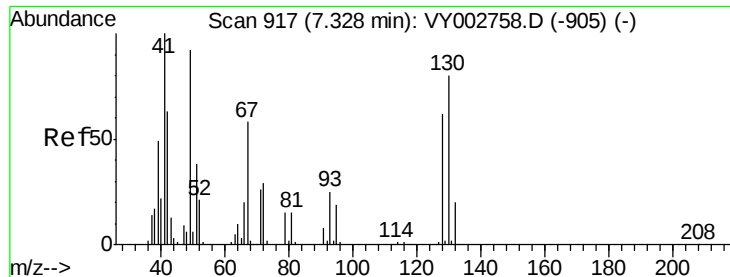
Tot Ion: 83 Resp: 251826
Ion Ratio Lower Upper
83 100
55 69.2 53.3 79.9
98 50.4 41.1 61.7



#40
Benzene
Concen: 49.856 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion: 78 Resp: 573713
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2

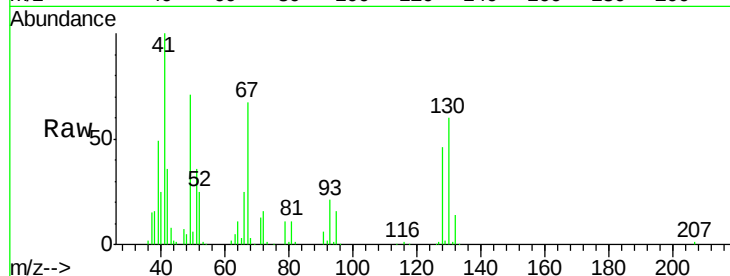




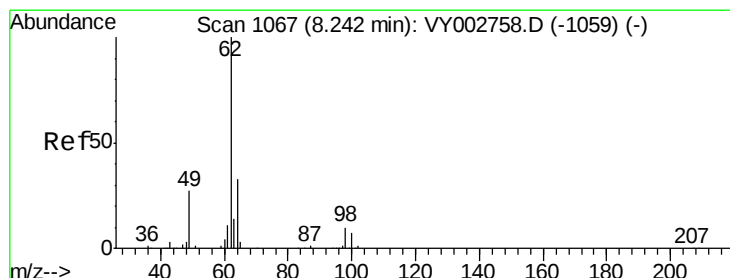
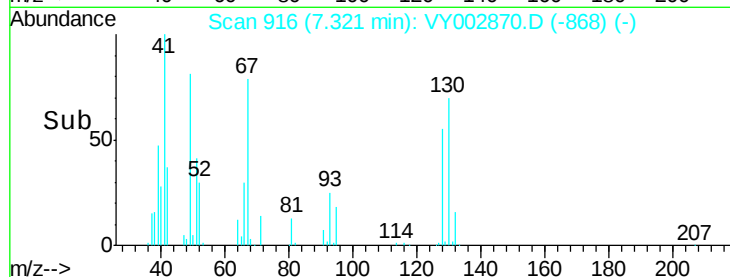
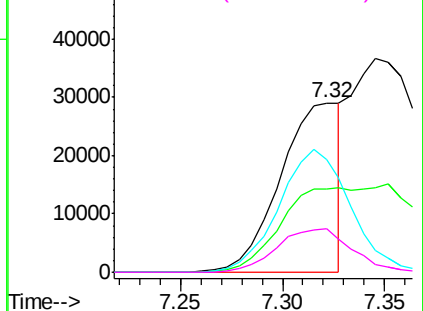
#41
Methacrylonitrile
Concen: 52.794 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 60096
Ion Ratio Lower Upper
41 100
39 0.0 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

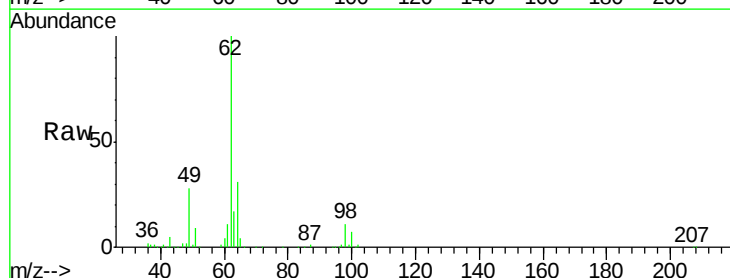


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

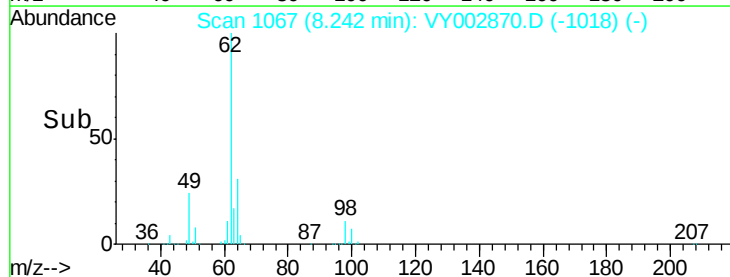
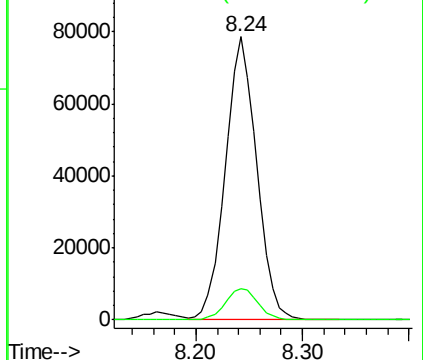


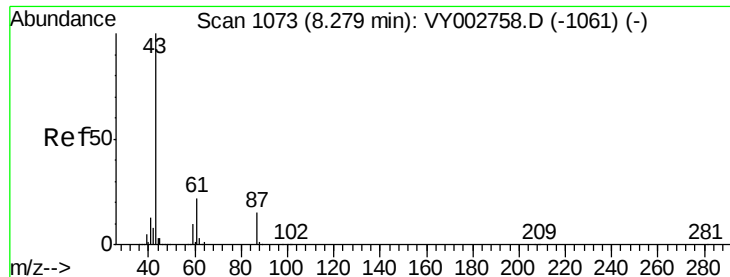
#42
1,2-Dichloroethane
Concen: 50.130 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion: 62 Resp: 161668
Ion Ratio Lower Upper
62 100
98 11.5 0.0 22.6



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



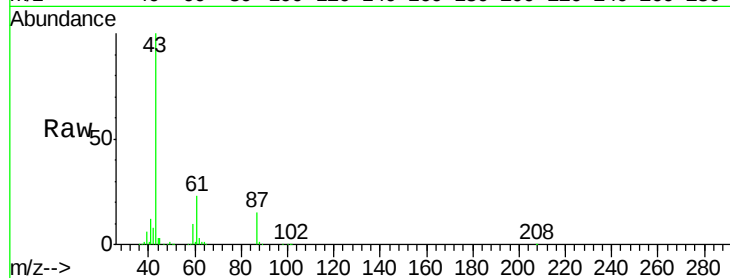


#43

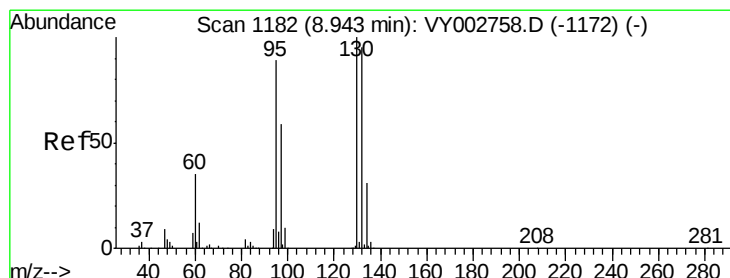
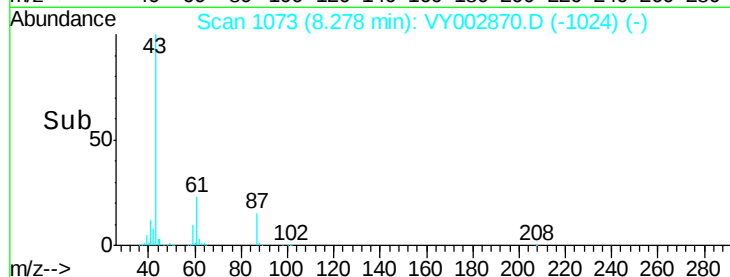
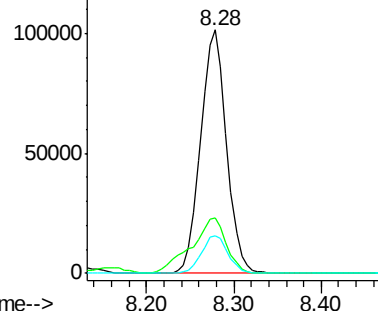
Isopropyl Acetate
 Concen: 52.073 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	209090
Ion Ratio	Lower	Upper	
43	100		
61	31.0	24.8	37.2
87	15.7	12.4	18.6



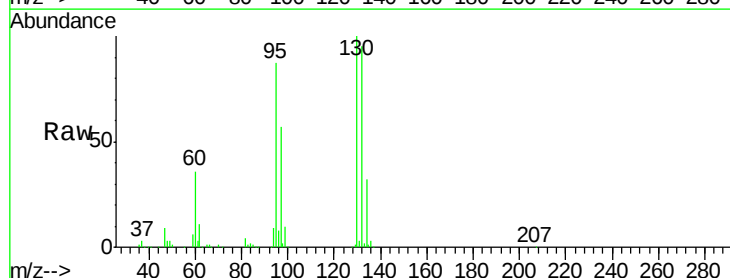
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



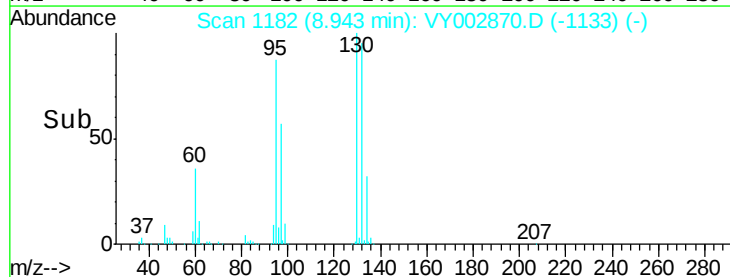
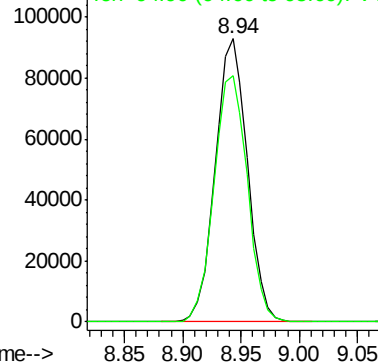
#44

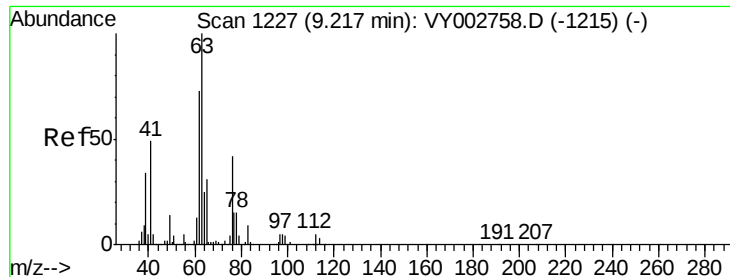
Trichloroethene
 Concen: 49.300 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

Tgt Ion	130	Resp	179196
Ion Ratio	Lower	Upper	
130	100		
95	86.8	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: 51.854 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

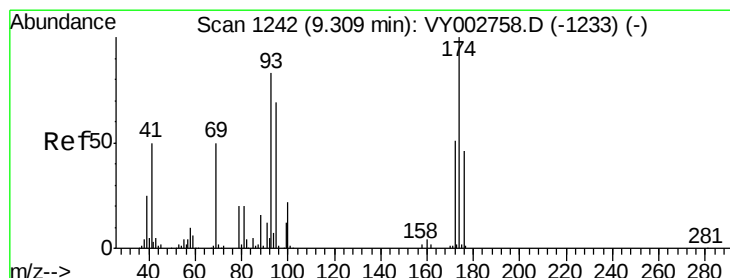
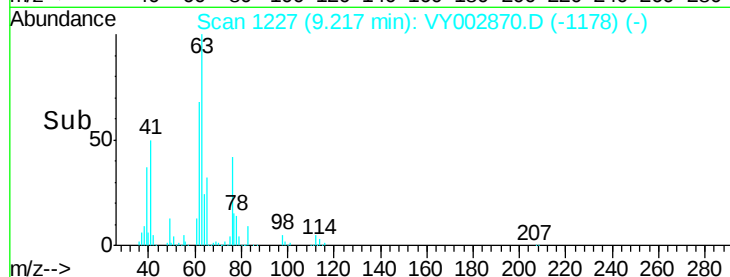
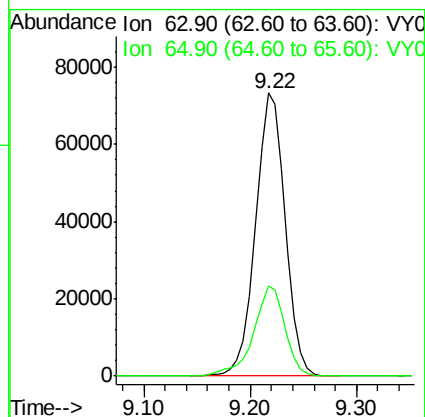
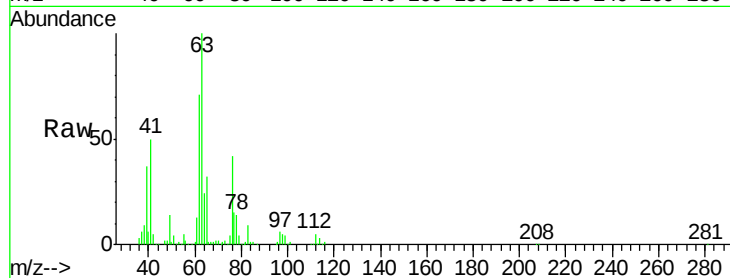
VSTDCCC050EC

Tot Ion: 63 Resp: 143096

Ion Ratio Lower Upper

63 100

65 32.0 24.8 37.2



#46

Dibromomethane

Concen: 52.208 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

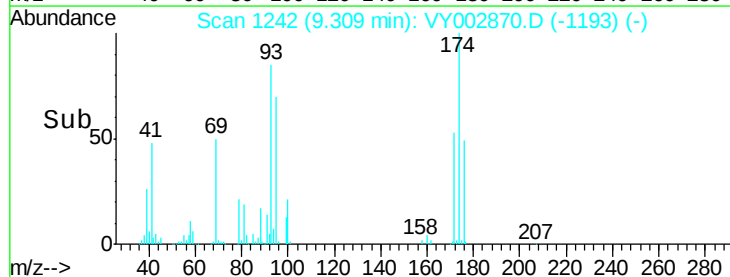
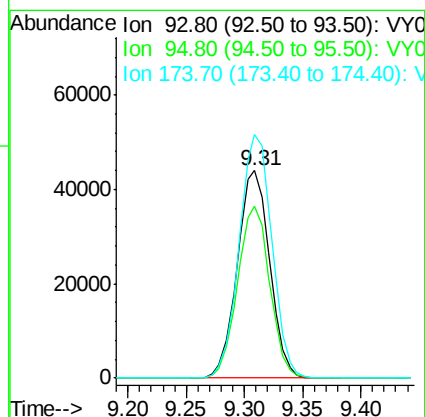
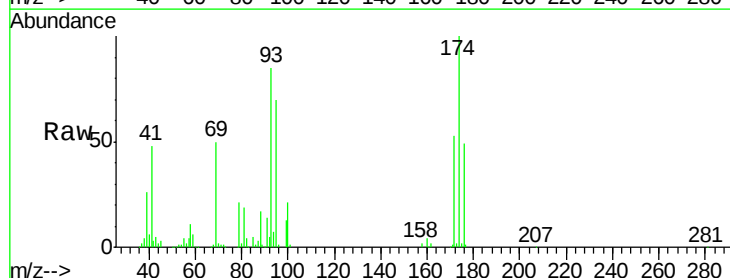
Tgt Ion: 93 Resp: 85564

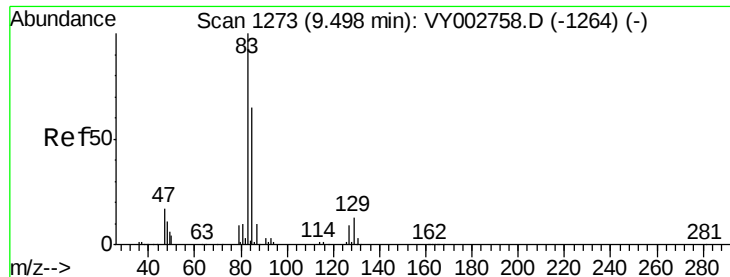
Ion Ratio Lower Upper

93 100

95 82.2 66.9 100.3

174 118.4 97.7 146.5





#47

Bromodichloromethane

Concen: 52.603 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

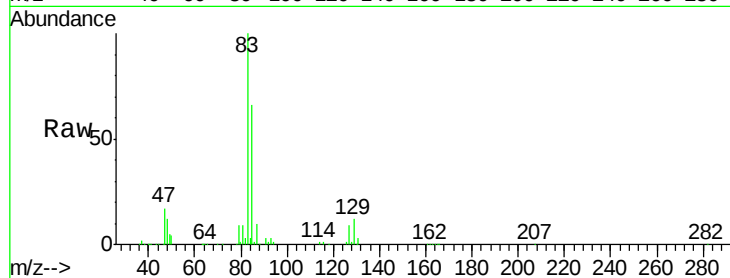
Tot Ion: 83 Resp: 203237

Ion Ratio Lower Upper

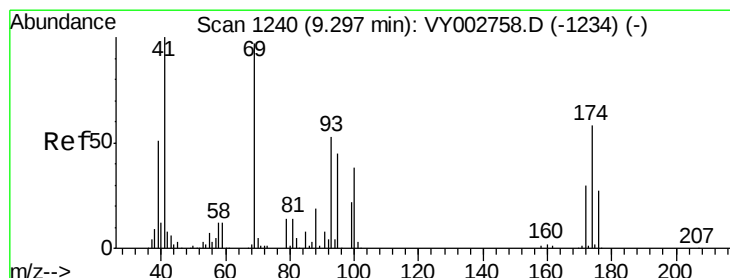
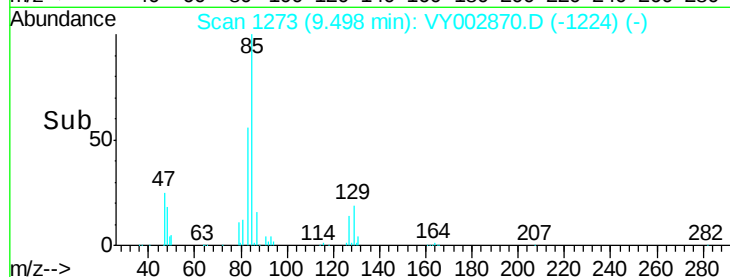
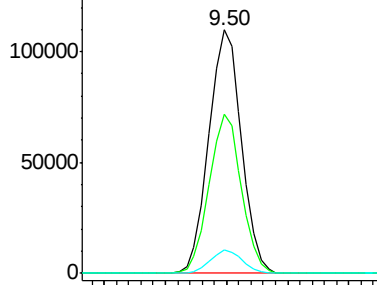
83 100

85 65.5 51.9 77.9

127 9.4 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): V



#48

Methyl methacrylate

Concen: 52.075 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

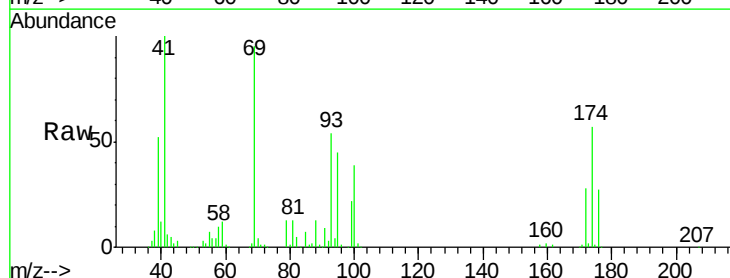
Tgt Ion: 41 Resp: 94393

Ion Ratio Lower Upper

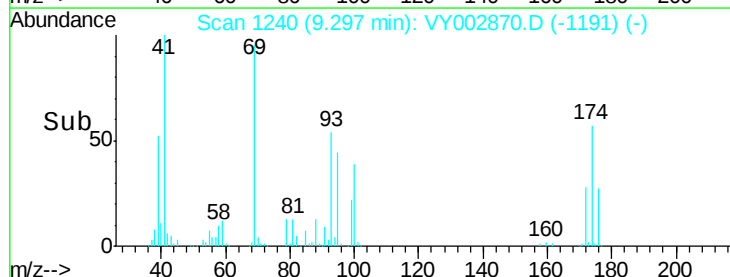
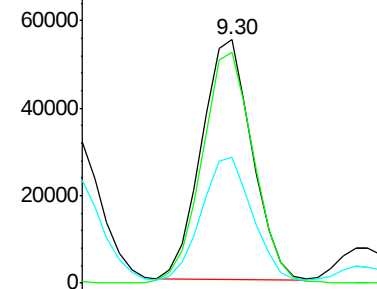
41 100

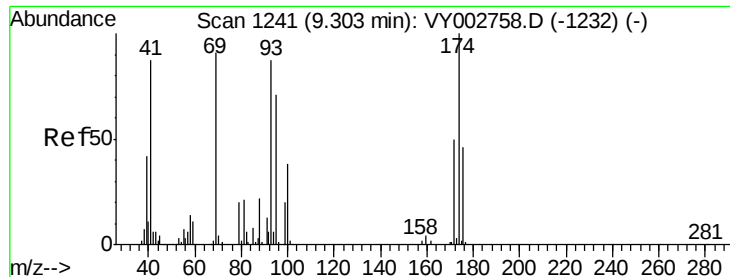
69 98.4 79.7 119.5

39 53.8 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

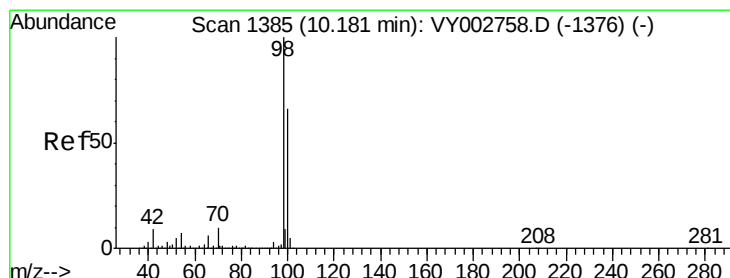
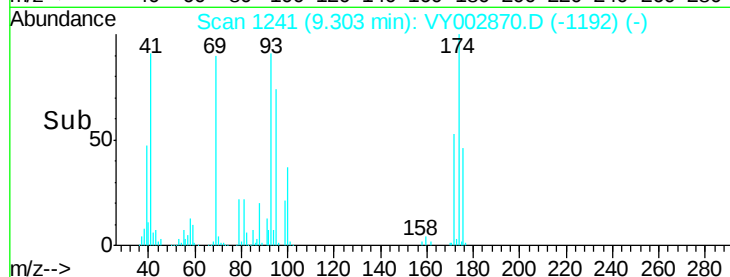
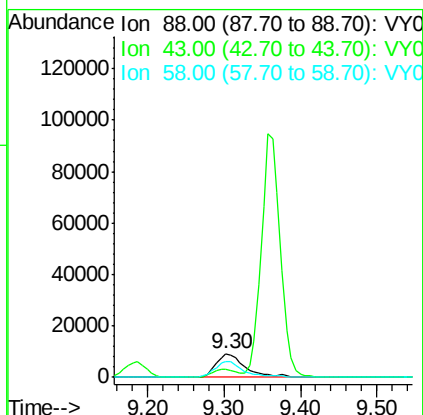
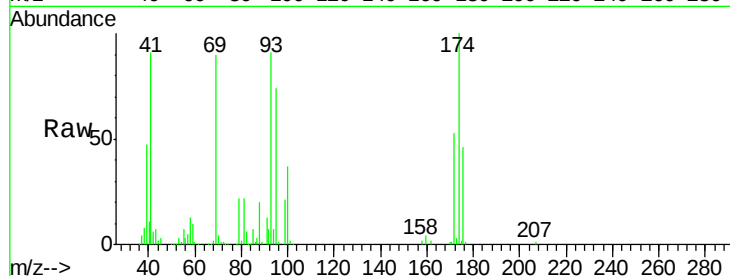




#49
1,4-Dioxane
Concen: 991.077 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

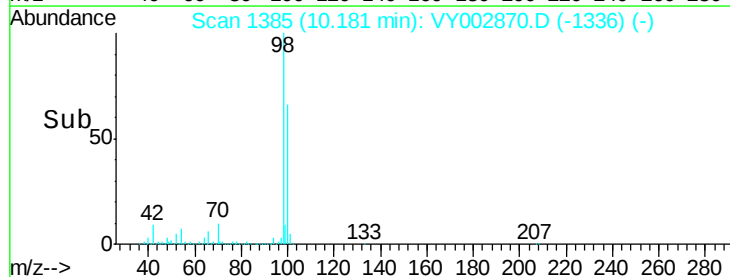
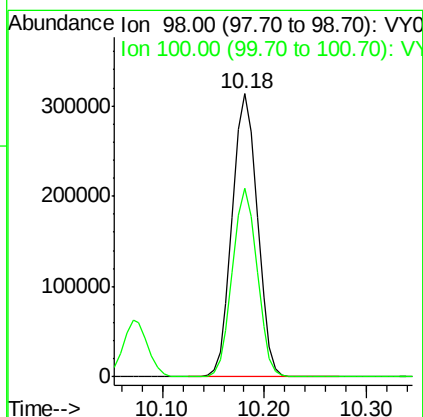
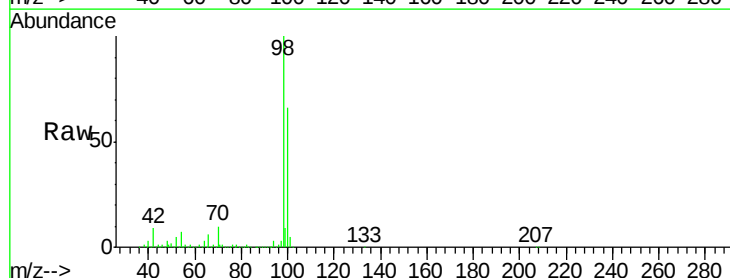
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

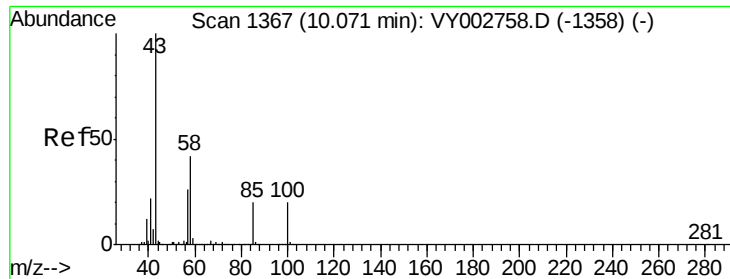
Tot Ion: 88 Resp: 24940
Ion Ratio Lower Upper
88 100
43 26.4 21.3 31.9
58 66.8 52.2 78.2



#50
Toluene-d8
Concen: 48.860 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion: 98 Resp: 535262
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 267.034 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

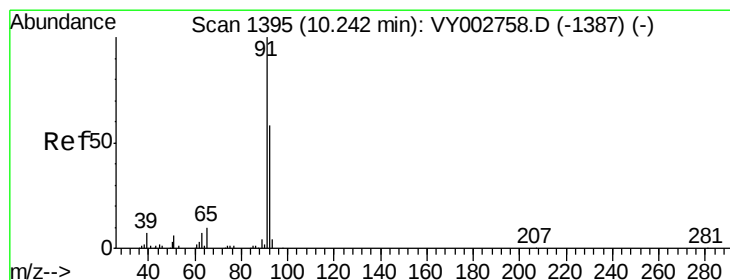
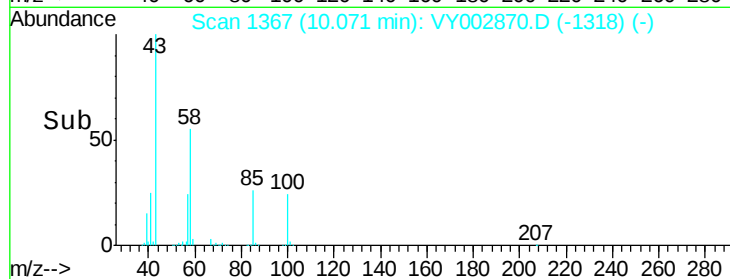
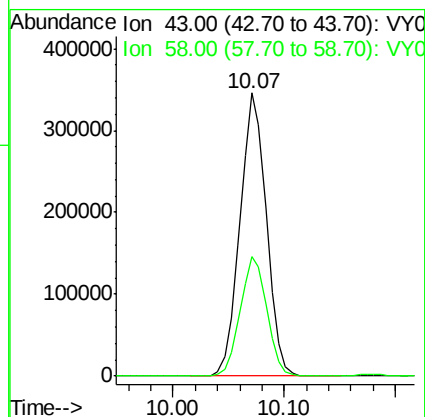
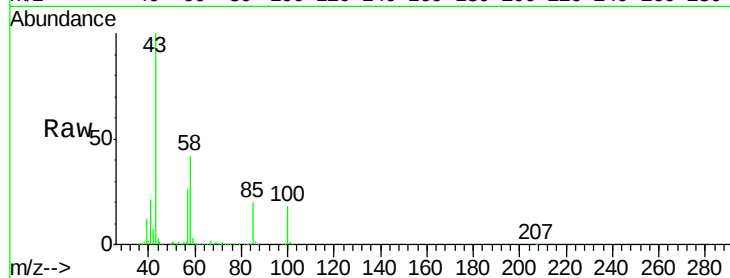
VSTDCCC050EC

Tot Ion: 43 Resp: 567768

Ion Ratio Lower Upper

43 100

58 42.4 34.2 51.2



#52

Toluene

Concen: 50.304 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002870.D

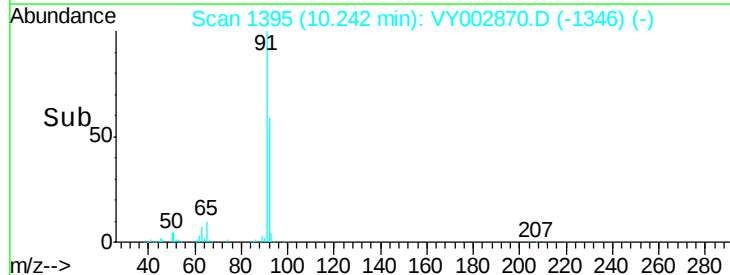
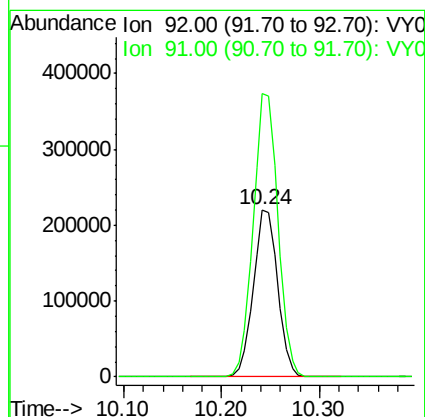
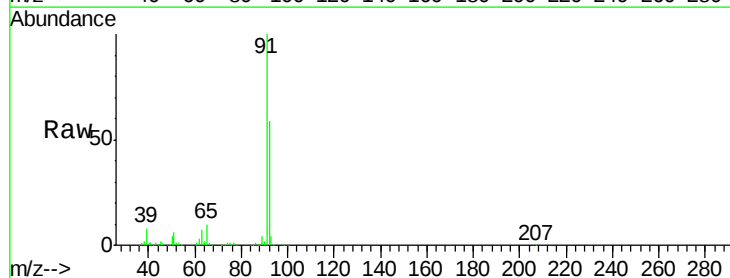
Acq: 09 Jun 2020 16:05

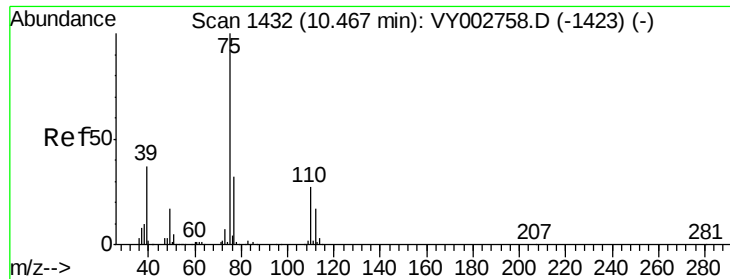
Tgt Ion: 92 Resp: 378679

Ion Ratio Lower Upper

92 100

91 172.8 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 52.034 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

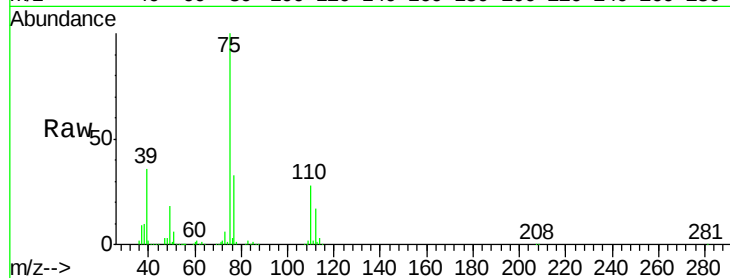
VSTDCCC050EC

Tot Ion: 75 Resp: 219586

Ion Ratio Lower Upper

75 100

77 32.6 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

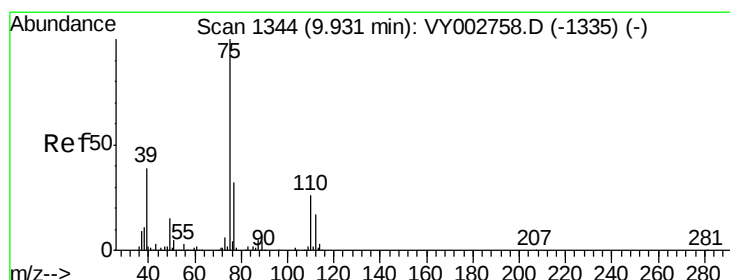
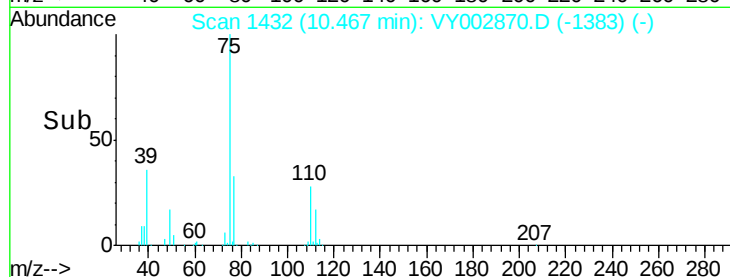
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.619 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

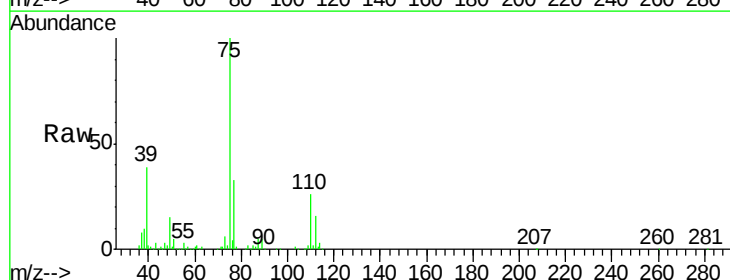
Tgt Ion: 75 Resp: 246832

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4

39 38.7 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

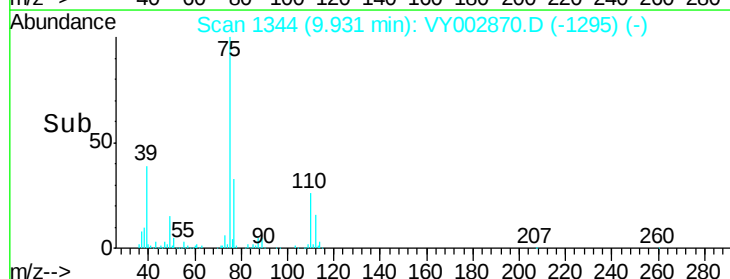
150000

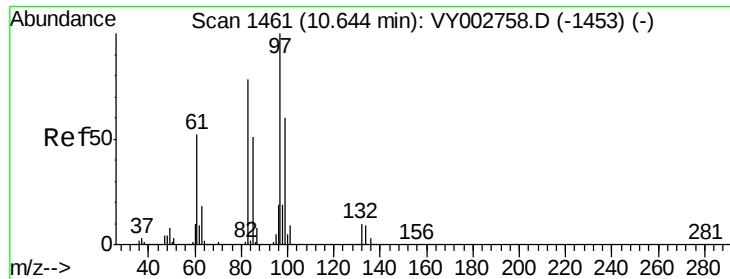
100000

50000

0

Time-->

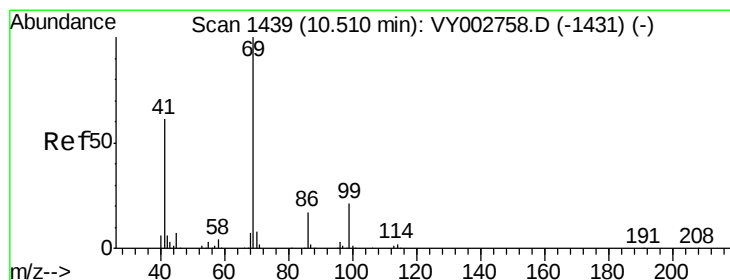
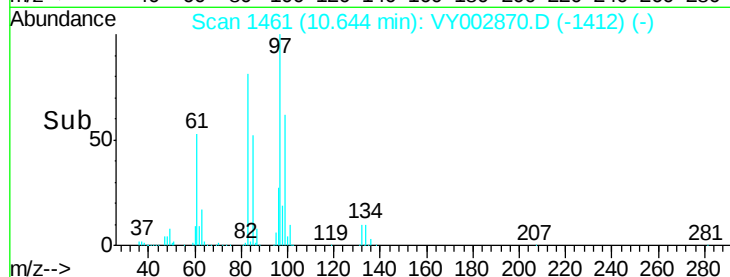
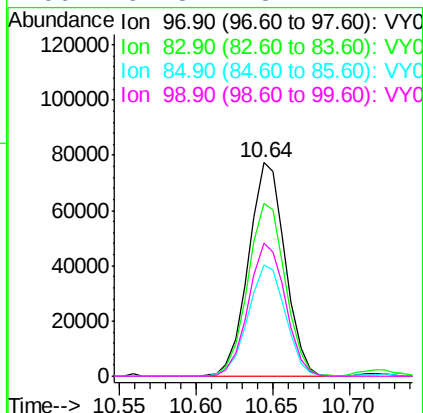
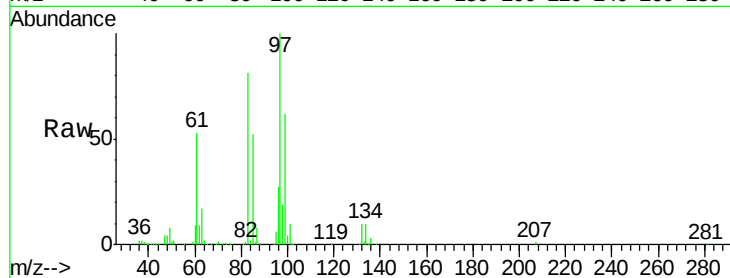




#55
 1,1,2-Trichloroethane
 Concen: 51.418 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

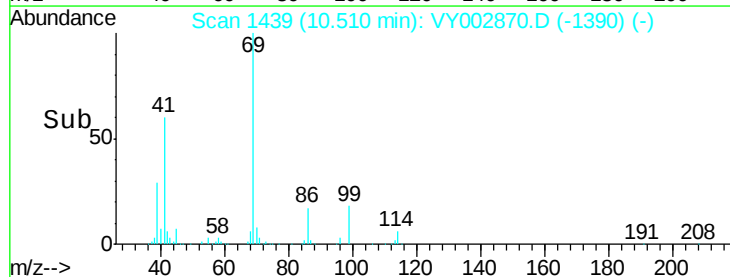
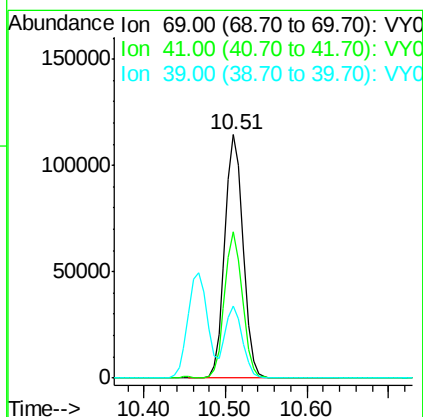
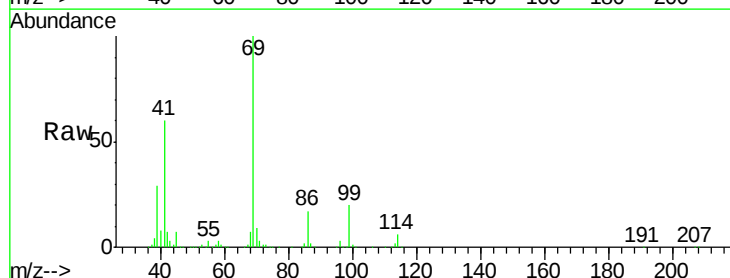
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 129011
 Ion Ratio Lower Upper
 97 100
 83 81.0 62.7 94.1
 85 51.9 40.6 60.8
 99 62.3 48.2 72.4



#56
 Ethyl methacrylate
 Concen: 52.730 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

Tgt Ion: 69 Resp: 177210
 Ion Ratio Lower Upper
 69 100
 41 58.2 47.0 70.4
 39 27.7 22.0 33.0





#57

1,3-Dichloropropane

Concen: 51.781 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

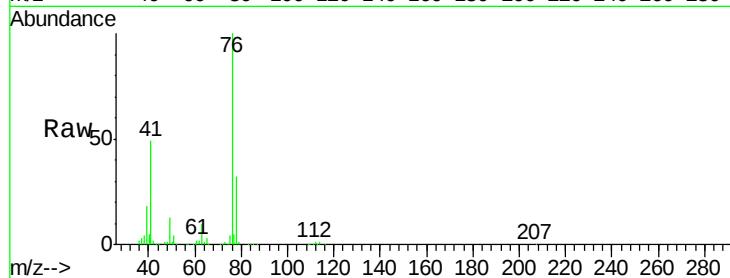
VSTDCCC050EC

Tot Ion: 76 Resp: 213693

Ion Ratio Lower Upper

76 100

78 32.3 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

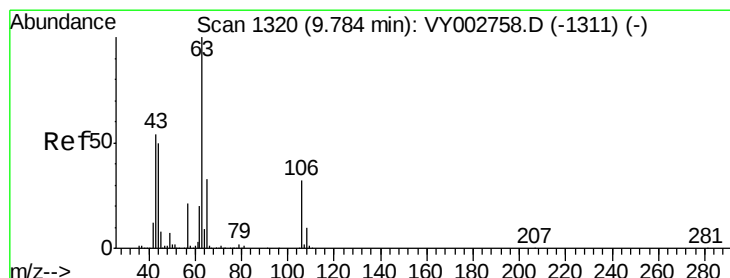
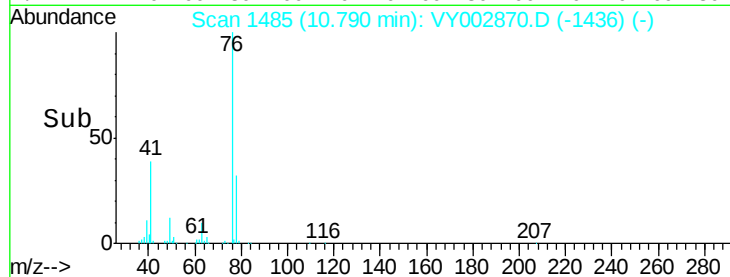
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.325 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002870.D

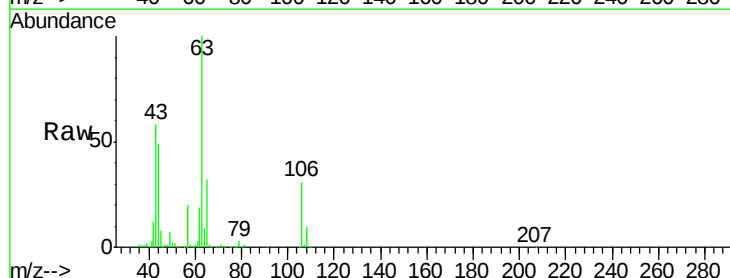
Acq: 09 Jun 2020 16:05

Tgt Ion: 63 Resp: 437338

Ion Ratio Lower Upper

63 100

106 31.6 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

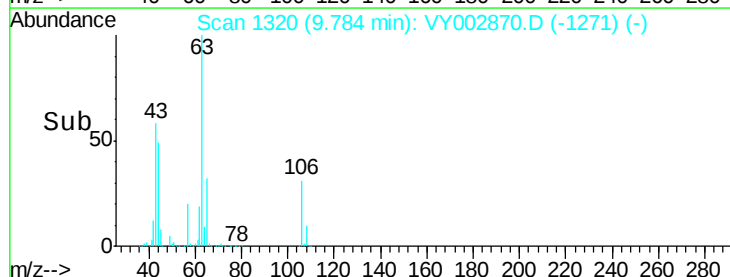
150000

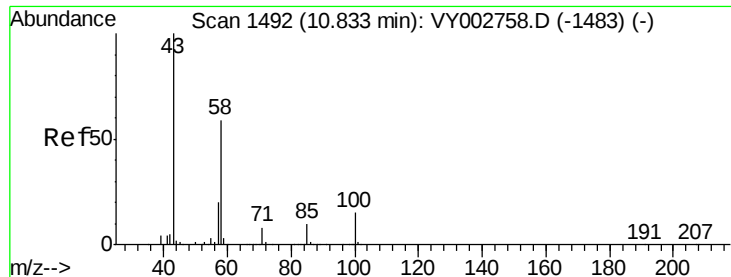
100000

50000

0

Time-->

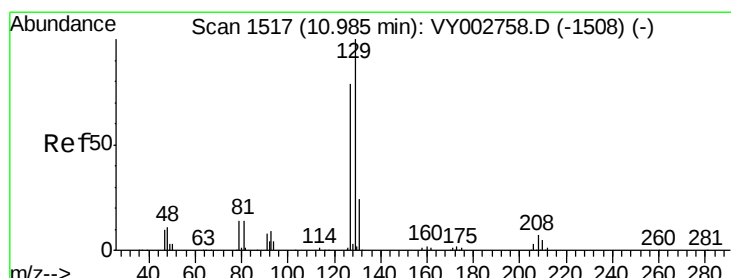
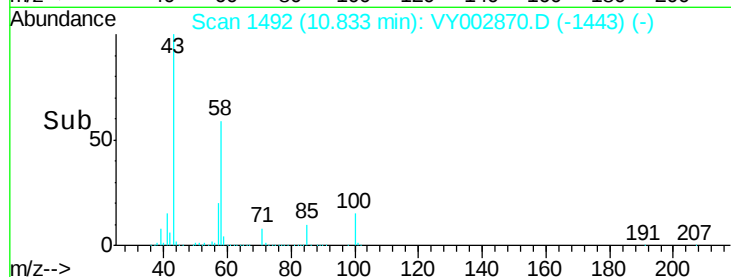
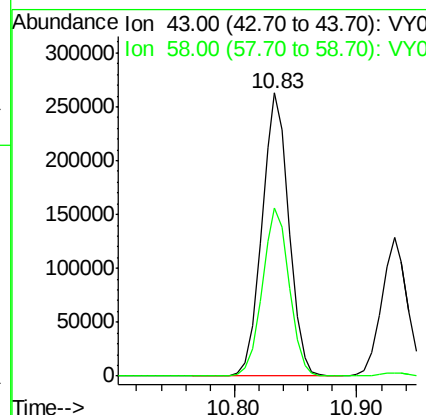
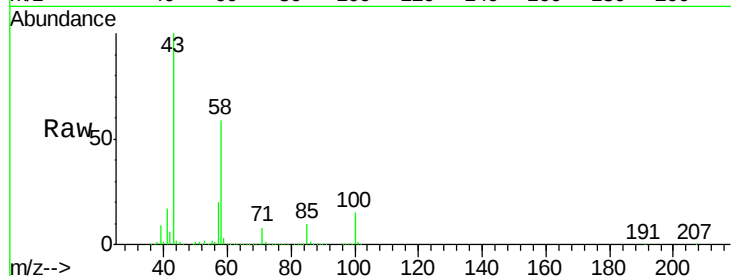




#59
2-Hexanone
Concen: 266.770 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

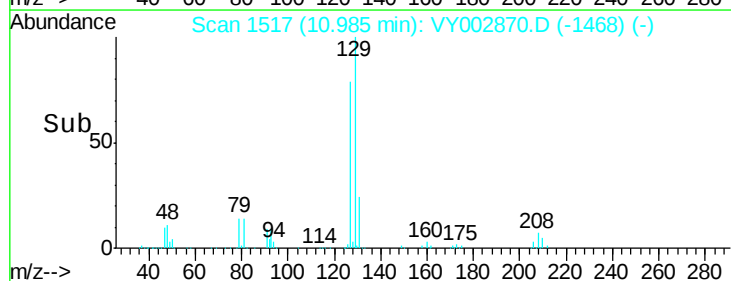
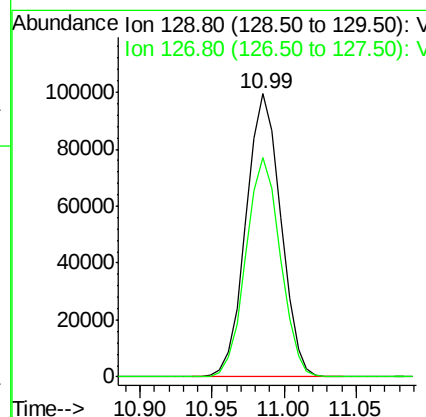
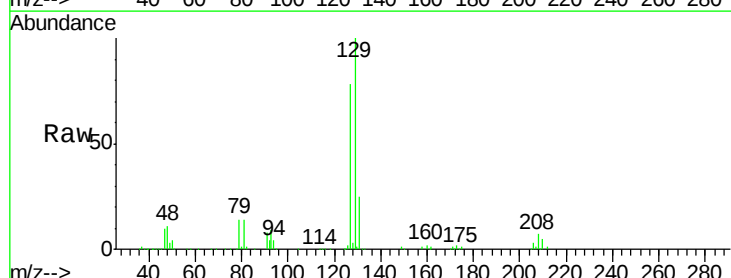
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

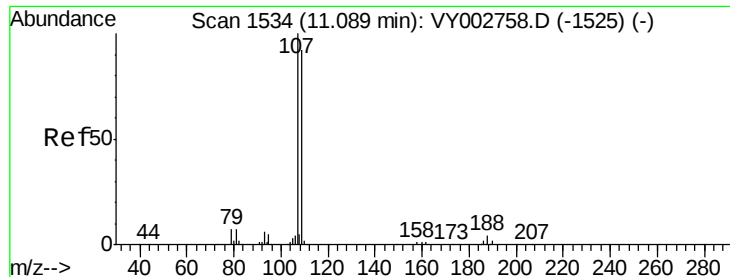
Tot Ion: 43 Resp: 402447
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 52.361 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion: 129 Resp: 166563
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.800 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

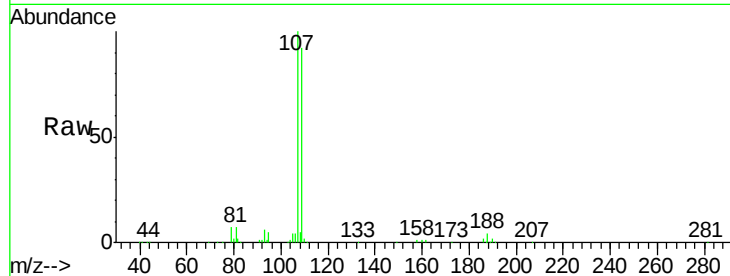
VSTDCCC050EC

Tot Ion:107 Resp: 128208

Ion Ratio Lower Upper

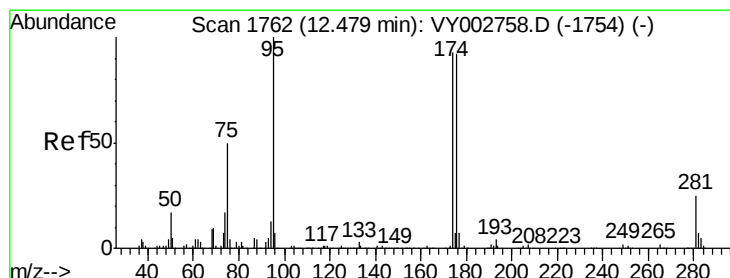
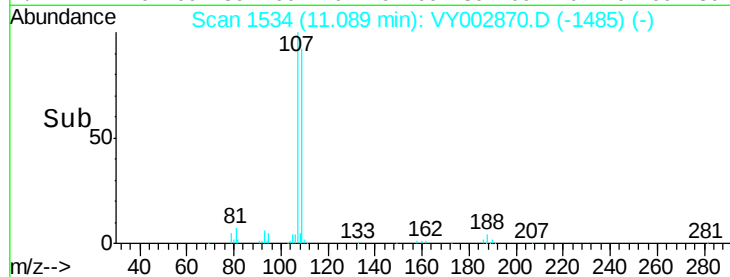
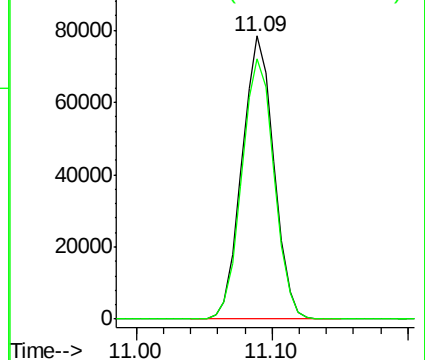
107 100

109 93.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.109 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

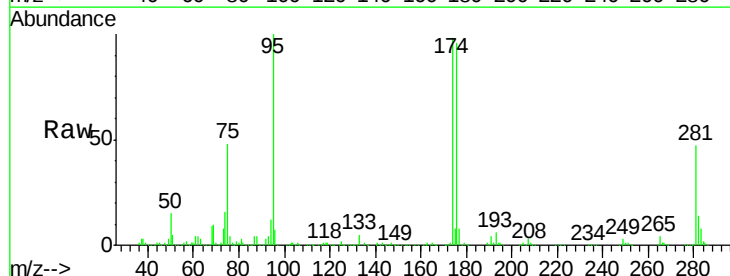
Tgt Ion: 95 Resp: 191346

Ion Ratio Lower Upper

95 100

174 94.9 0.0 191.2

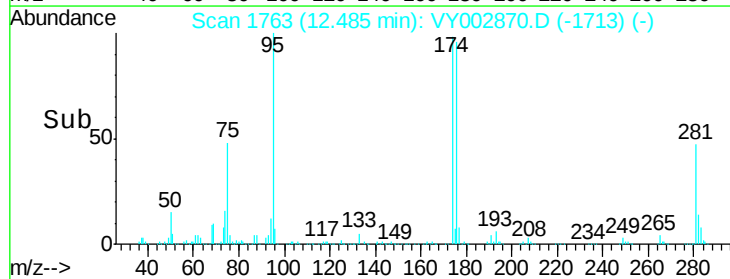
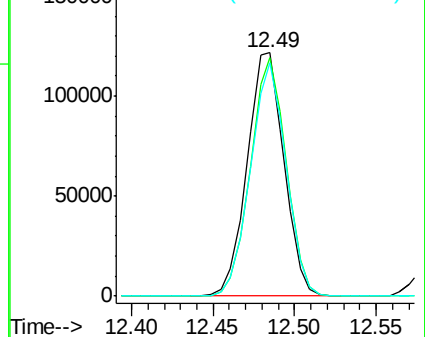
176 92.6 0.0 188.8

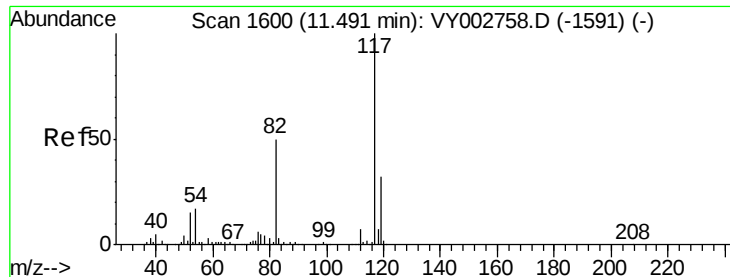


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

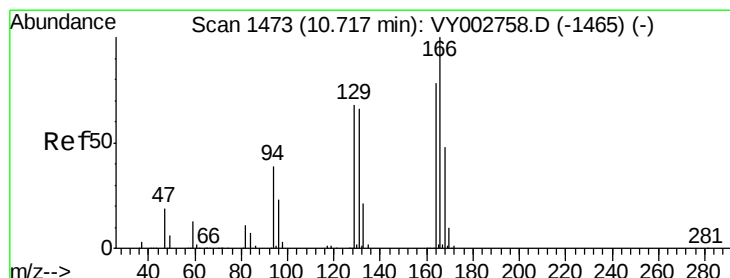
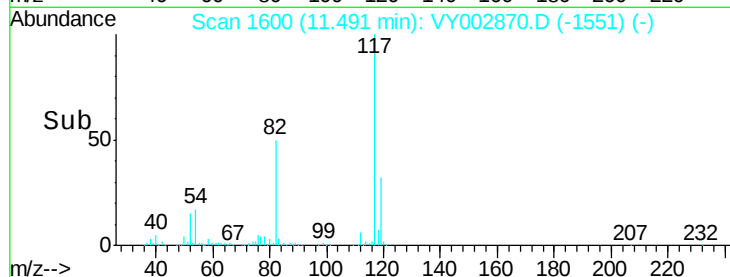
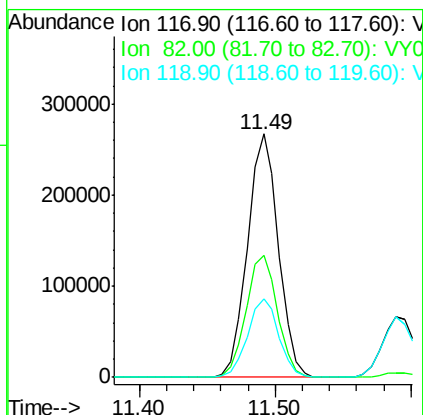
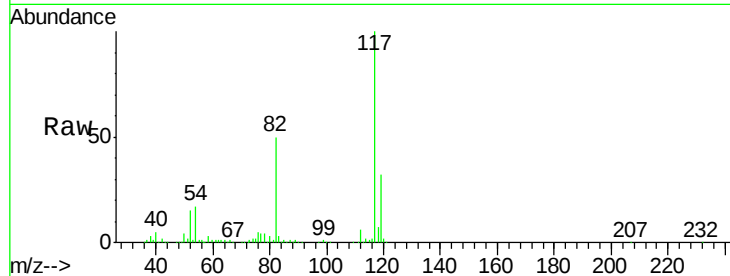




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

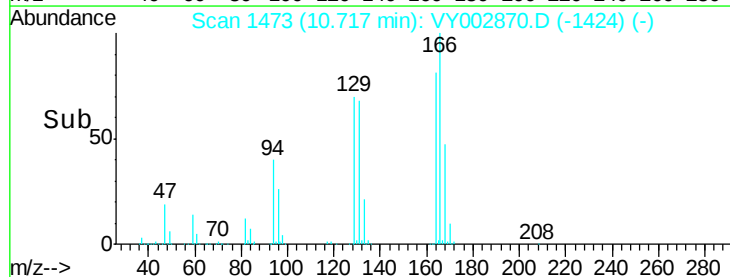
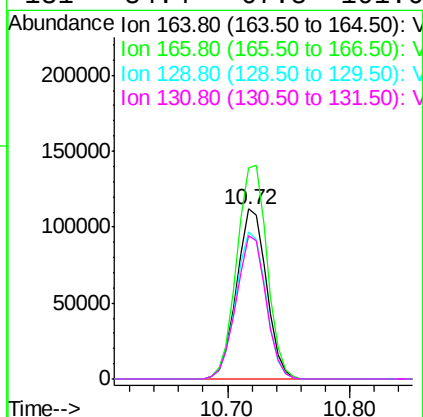
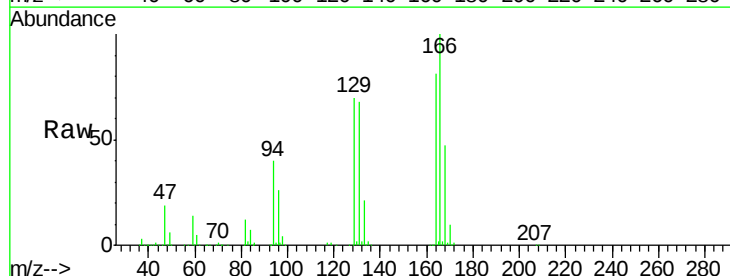
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

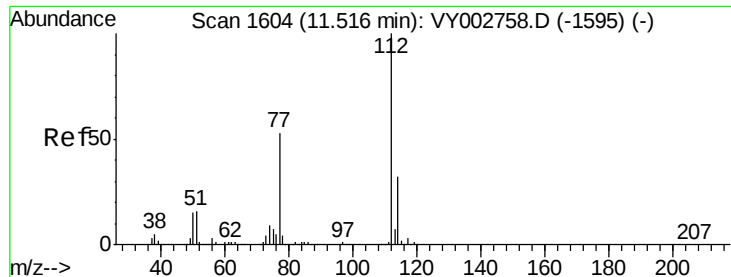
Tot Ion:117 Resp: 424942
Ion Ratio Lower Upper
117 100
82 49.9 40.2 60.4
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 48.878 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion:164 Resp: 188772
Ion Ratio Lower Upper
164 100
166 124.2 102.3 153.5
129 87.0 69.4 104.2
131 84.4 67.8 101.6

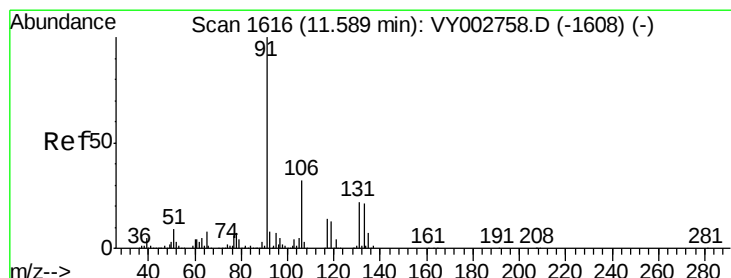
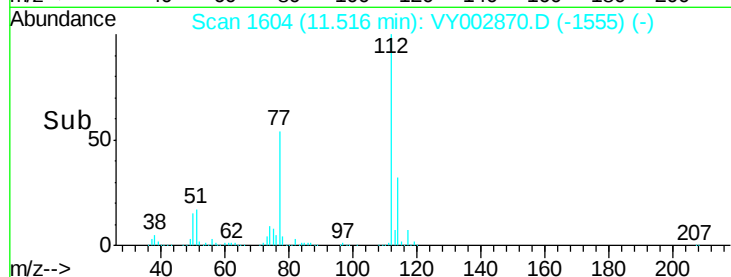
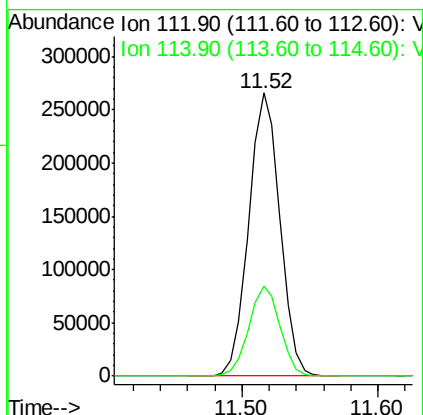
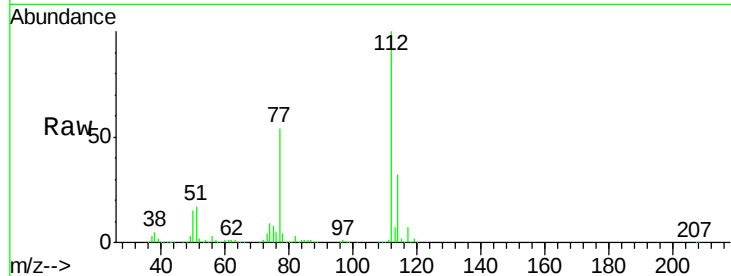




#65
Chlorobenzene
Concen: 50.904 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

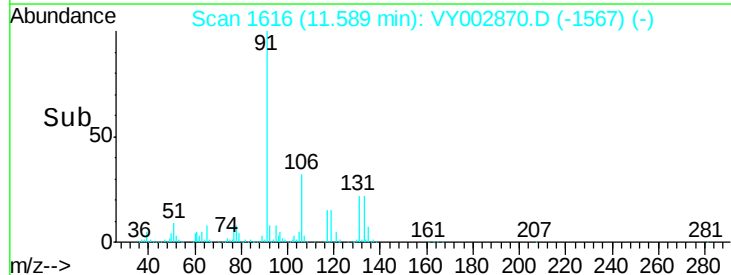
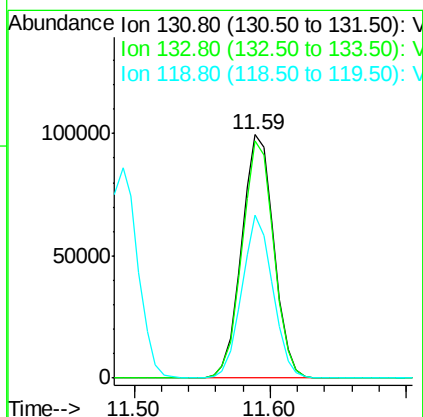
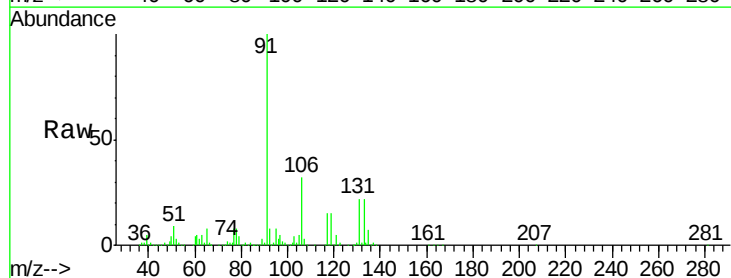
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 427538
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.012 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion:131 Resp: 164527
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.8
119 64.3 31.7 95.1





#67

Ethyl Benzene

Concen: 51.210 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

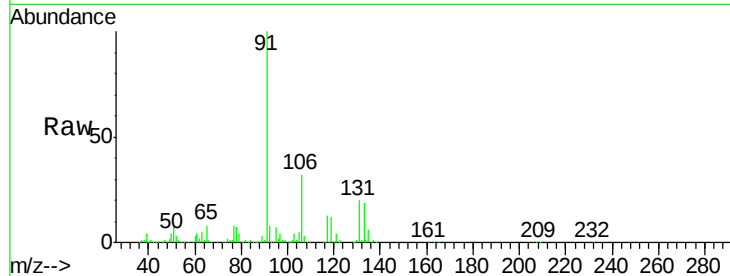
VSTDCCC050EC

Tot Ion: 91 Resp: 745659

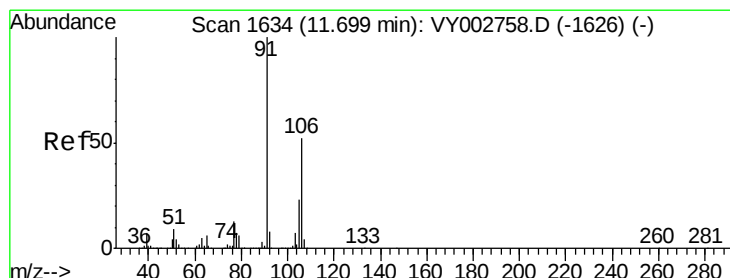
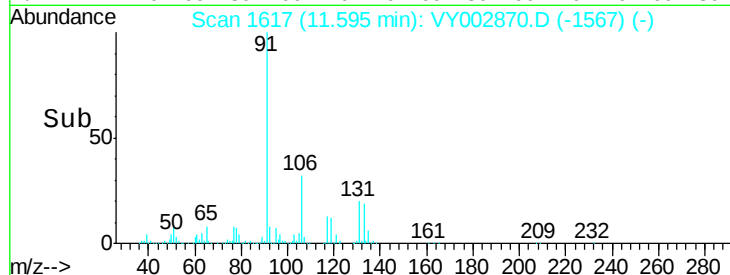
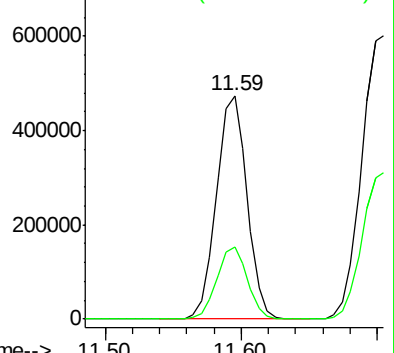
Ion Ratio Lower Upper

91 100

106 32.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY002870.D (-1567) (-)



#68

m/p-Xylenes

Concen: 101.706 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002870.D

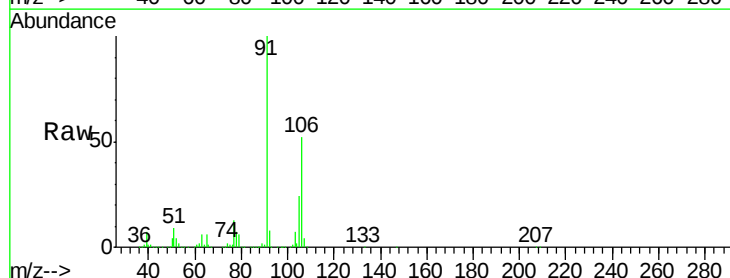
Acq: 09 Jun 2020 16:05

Tgt Ion: 106 Resp: 574176

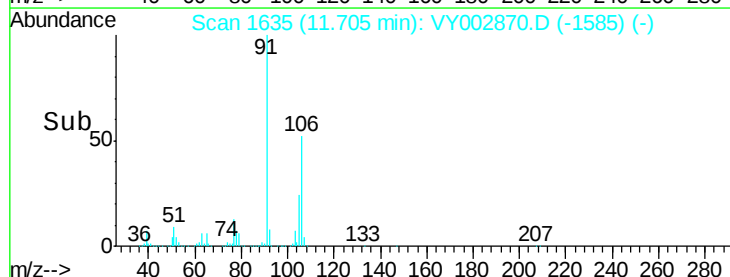
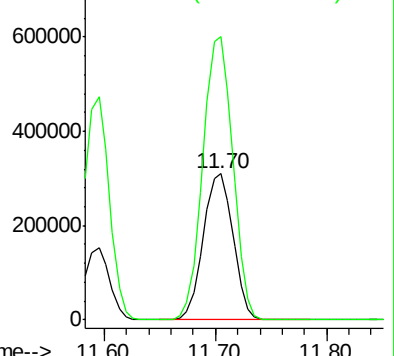
Ion Ratio Lower Upper

106 100

91 194.7 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002870.D (-1585) (-)

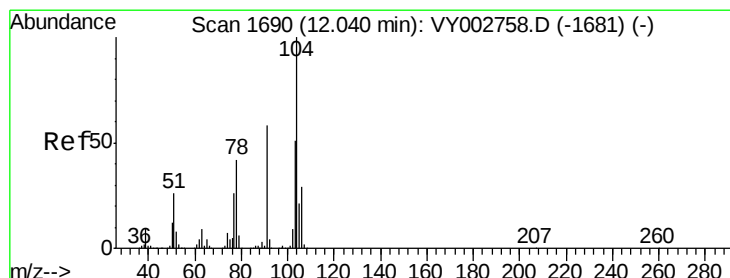
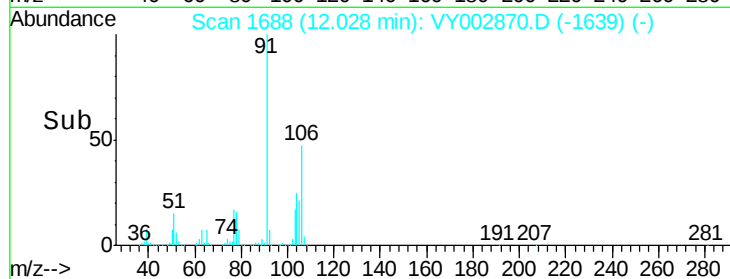
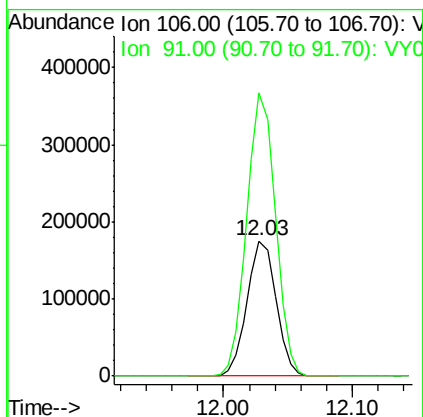
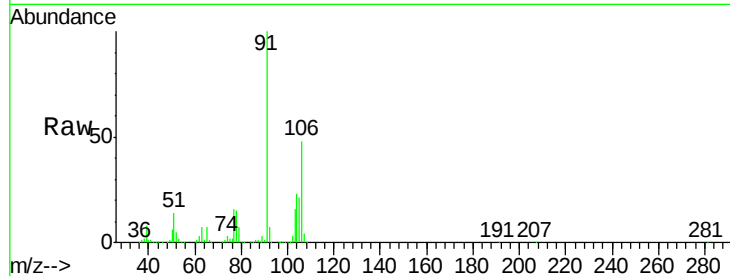




#69
o-Xylene
Concen: 51.315 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

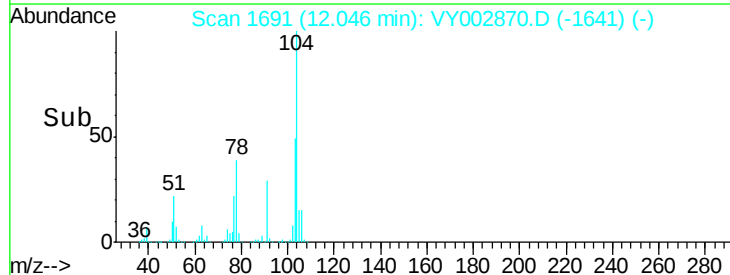
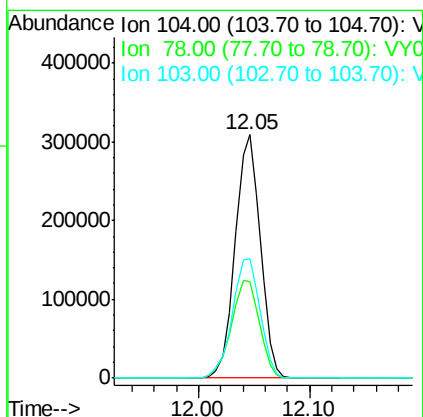
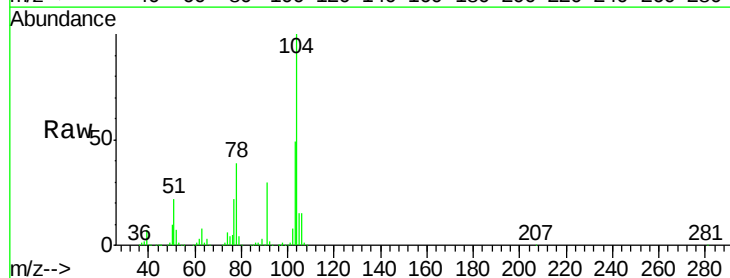
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

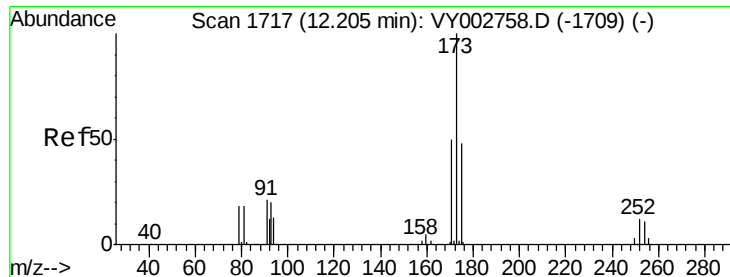
Tot Ion:106 Resp: 273481
Ion Ratio Lower Upper
106 100
91 206.5 102.4 307.1



#70
Styrene
Concen: 52.132 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion:104 Resp: 481641
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.4
103 54.5 43.6 65.4

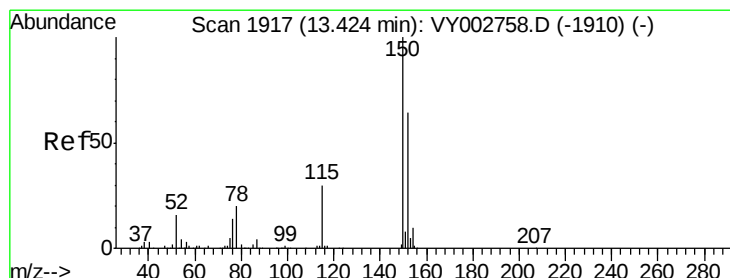
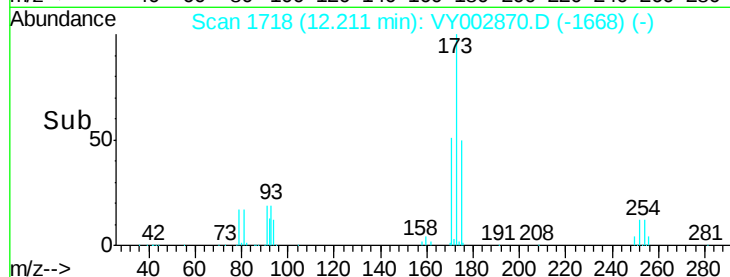
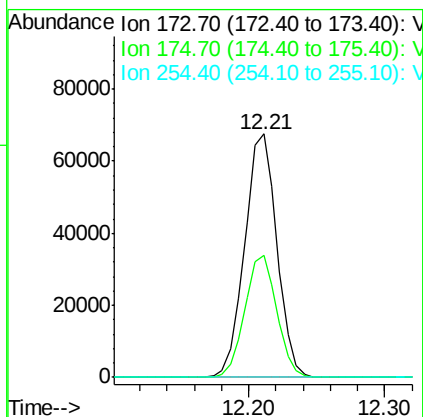
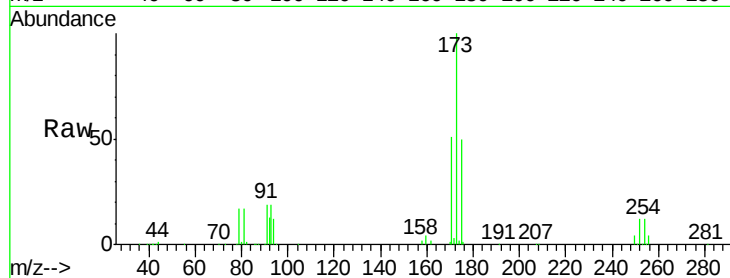




#71
Bromoform
Concen: 52.846 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

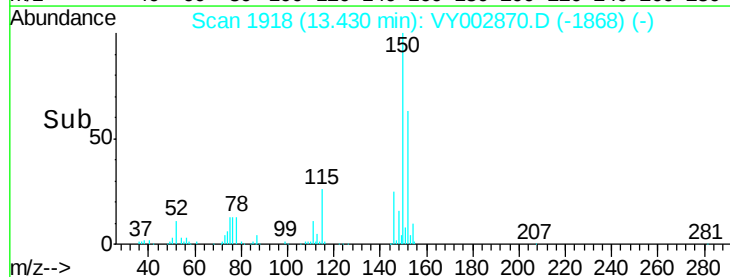
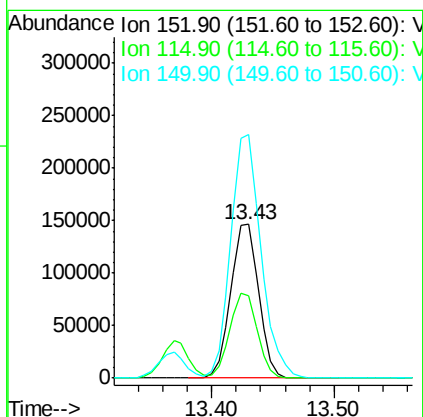
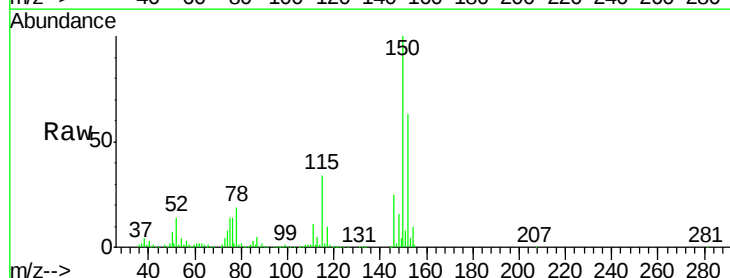
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

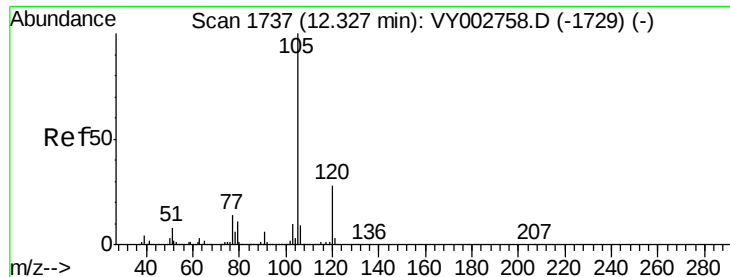
Tot Ion:173 Resp: 111854
Ion Ratio Lower Upper
173 100
175 49.8 24.3 72.8
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion:152 Resp: 229949
Ion Ratio Lower Upper
152 100
115 54.7 27.0 81.0
150 172.5 0.0 344.8





#73

Isopropylbenzene

Concen: 50.771 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

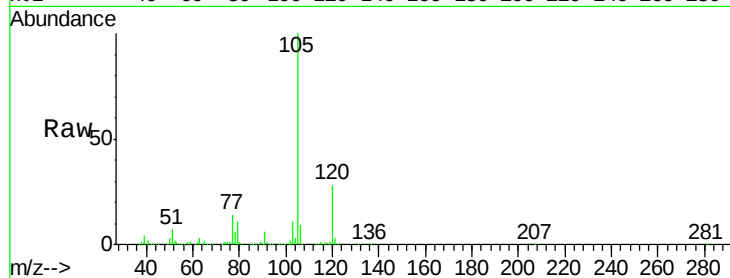
VSTDCCC050EC

Tot Ion:105 Resp: 748167

Ion Ratio Lower Upper

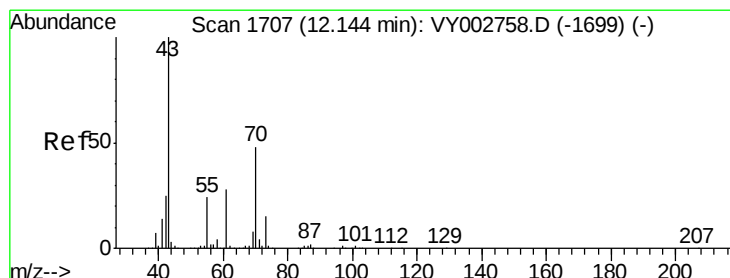
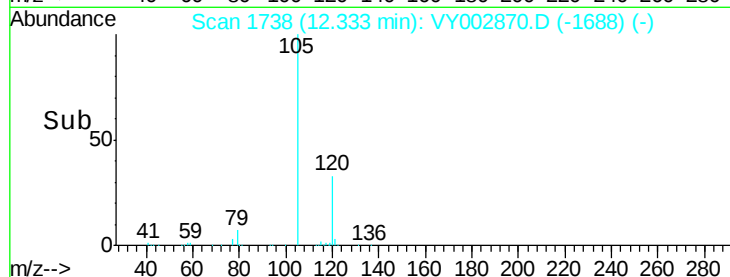
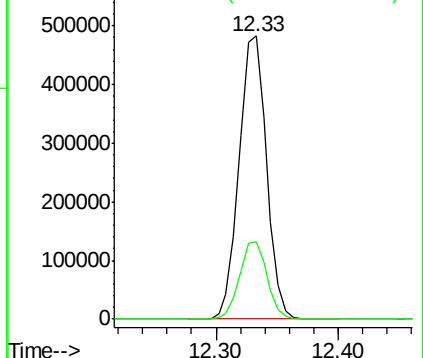
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.741 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Tgt Ion: 43 Resp: 199415

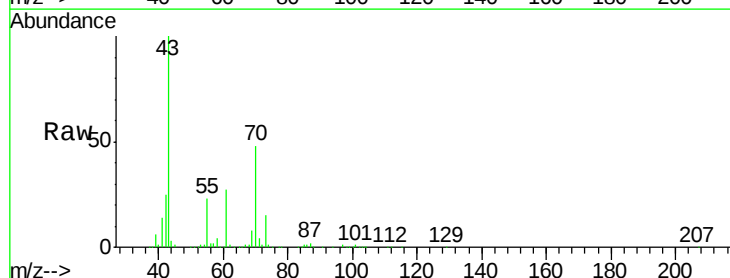
Ion Ratio Lower Upper

43 100

70 48.2 37.7 56.5

55 24.3 19.8 29.6

61 26.4 21.7 32.5

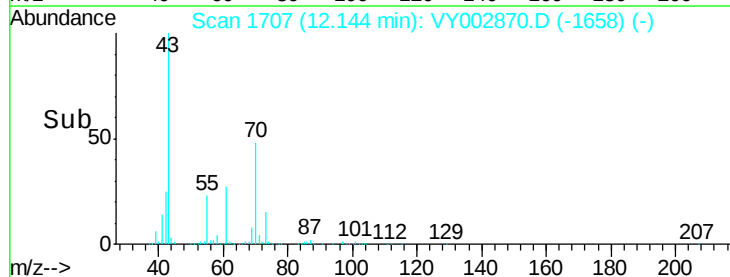
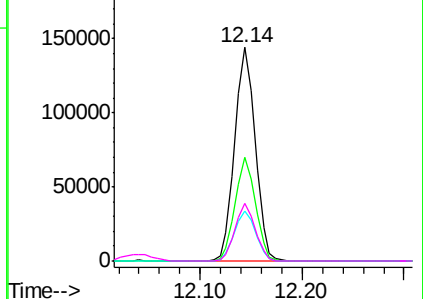


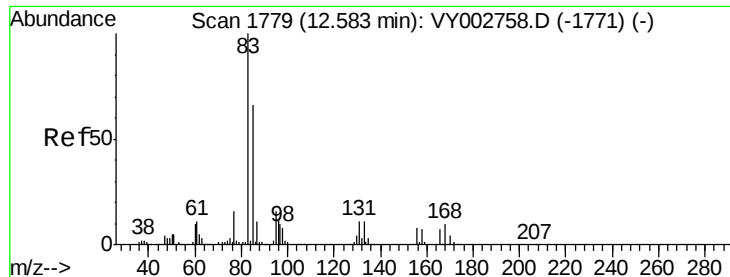
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.231 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

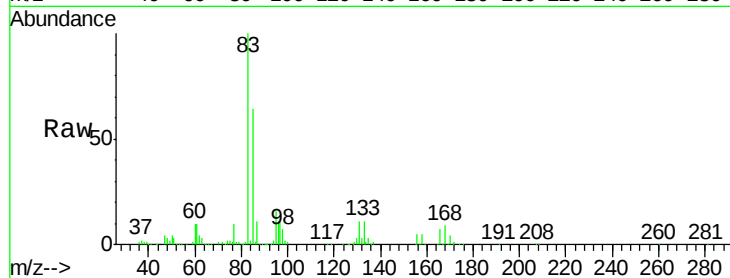
Tot Ion: 83 Resp: 140215

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

85 65.0 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002870.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002870.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002870.D (-1730) (-)

120000

100000

80000

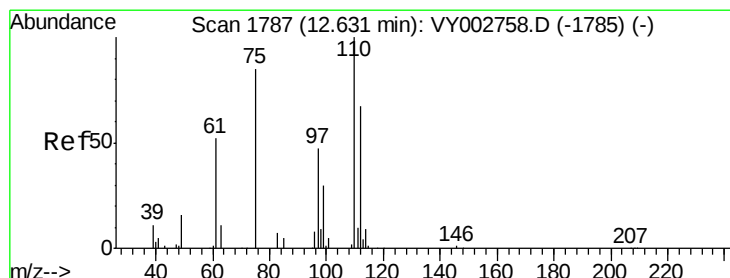
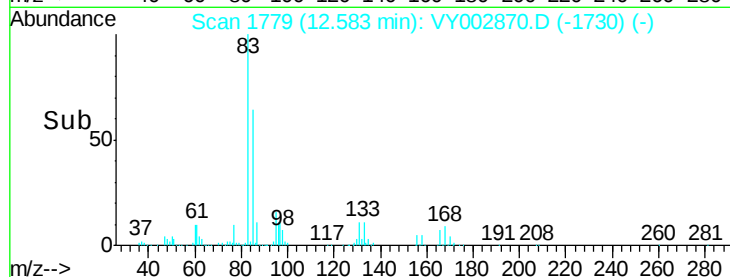
60000

40000

20000

0

Time--> 12.50 12.55 12.60



#76

1,2,3-Trichloropropane

Concen: 55.907 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002870.D

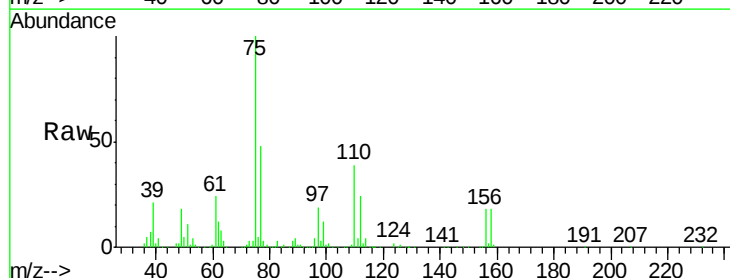
Acq: 09 Jun 2020 16:05

Tgt Ion: 75 Resp: 115839

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002870.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002870.D (-1738) (-)

200000

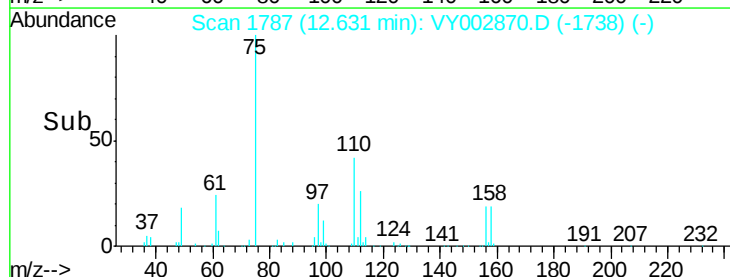
150000

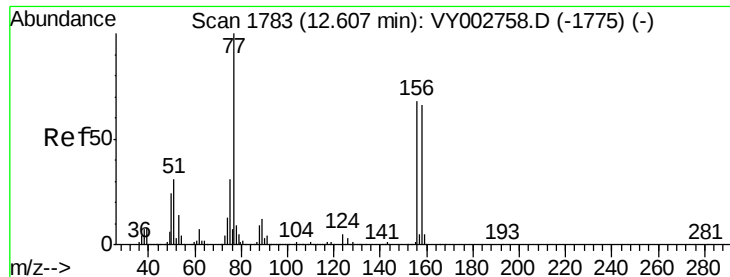
100000

50000

0

Time--> 12.60 12.62 12.64 12.66





#77

Bromobenzene

Concen: 50.276 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

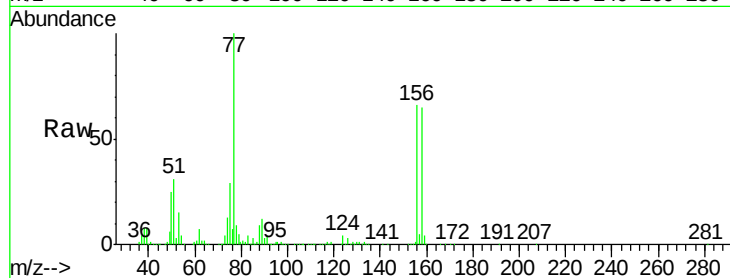
Tot Ion:156 Resp: 192912

Ion Ratio Lower Upper

156 100

77 165.3 81.4 244.2

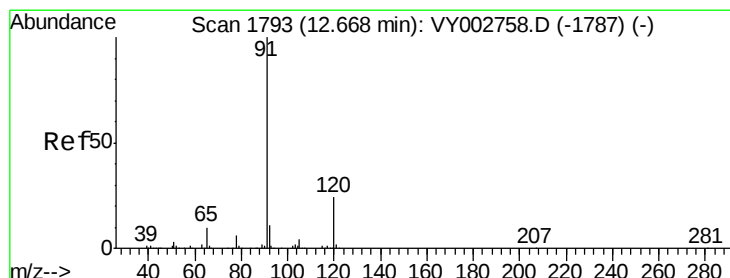
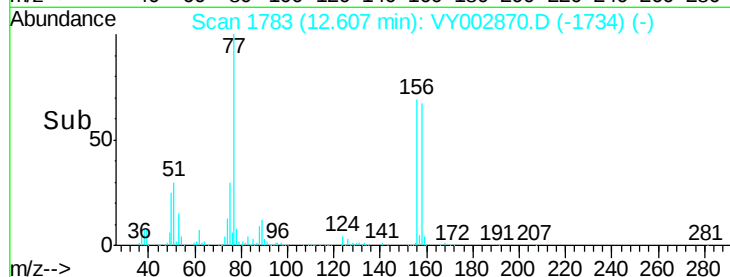
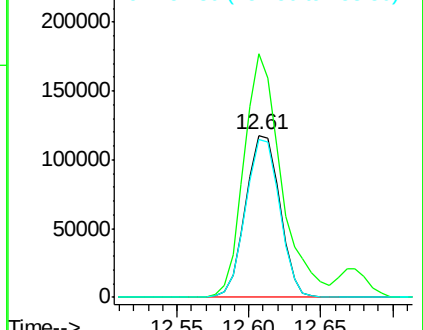
158 97.4 48.5 145.6



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: 51.058 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002870.D

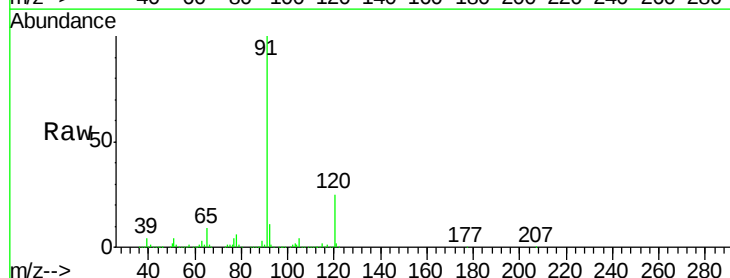
Acq: 09 Jun 2020 16:05

Tgt Ion: 91 Resp: 869108

Ion Ratio Lower Upper

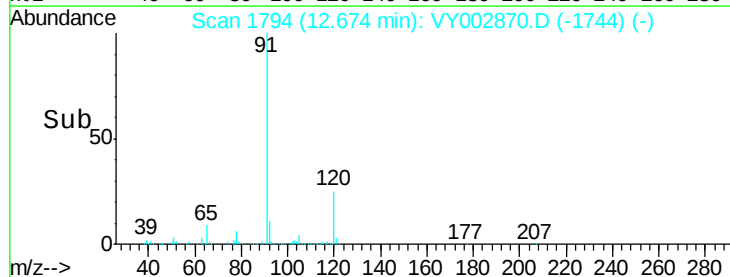
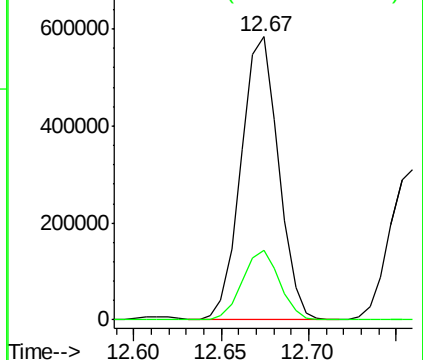
91 100

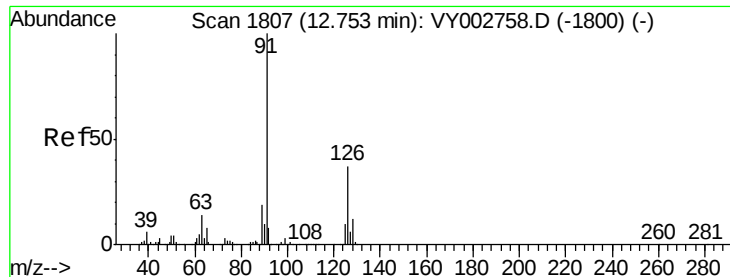
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

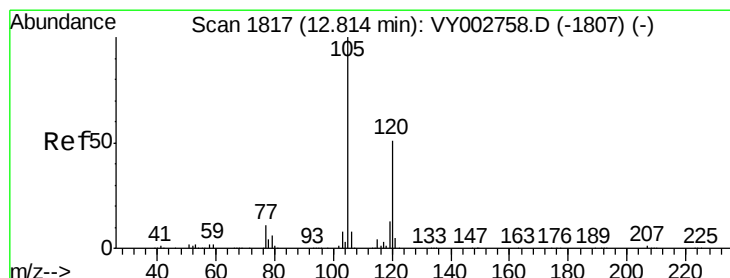
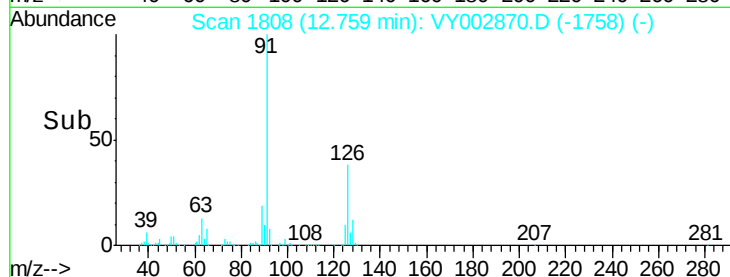
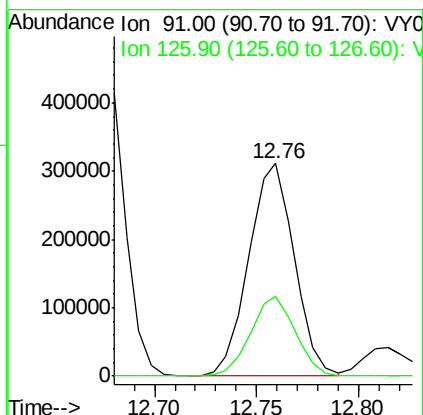
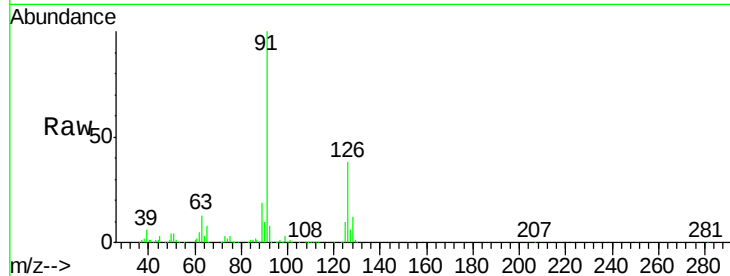




#79
2-Chlorotoluene
Concen: 50.712 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

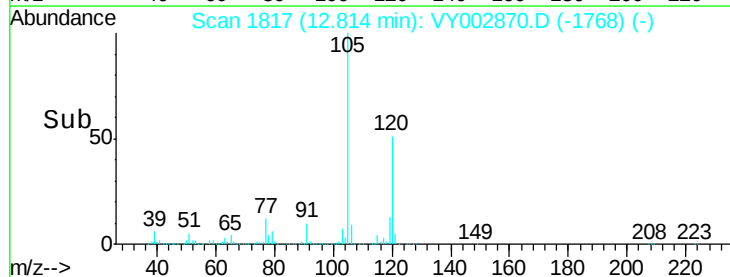
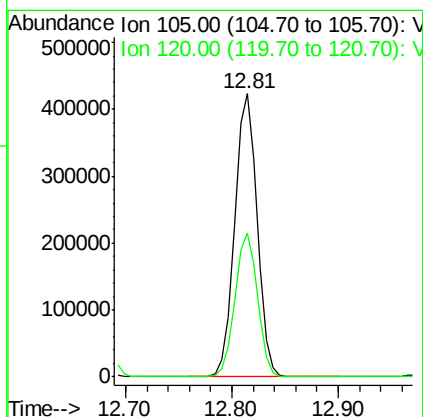
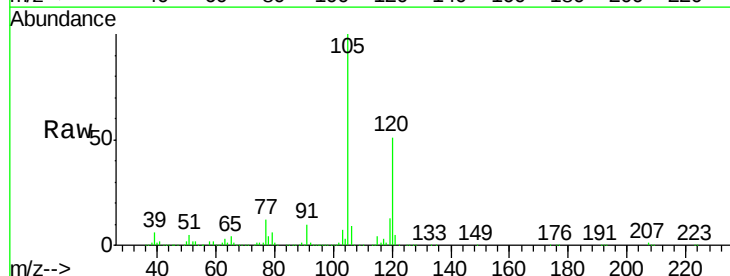
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

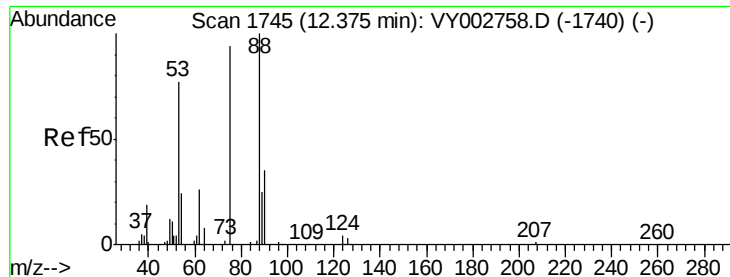
Tot Ion: 91 Resp: 484216
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 50.864 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion: 105 Resp: 625829
Ion Ratio Lower Upper
105 100
120 51.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.899 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

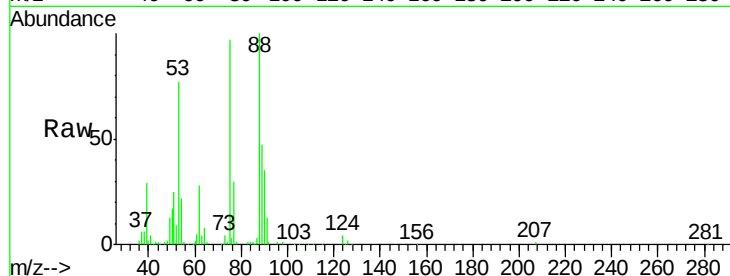
Tot Ion: 75 Resp: 58178

Ion Ratio Lower Upper

75 100

53 78.8 64.0 96.0

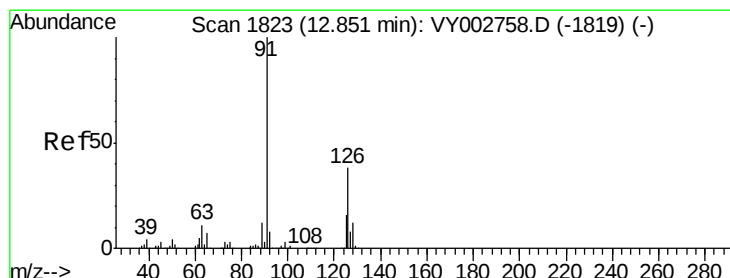
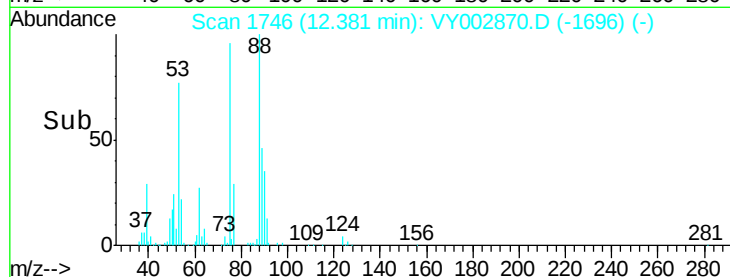
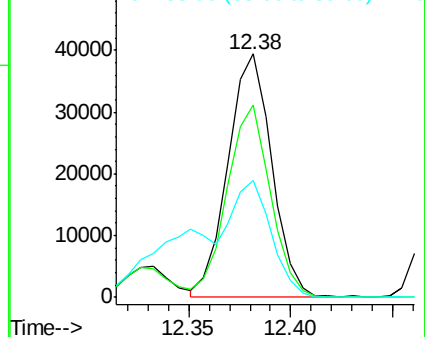
89 45.2 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.140 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002870.D

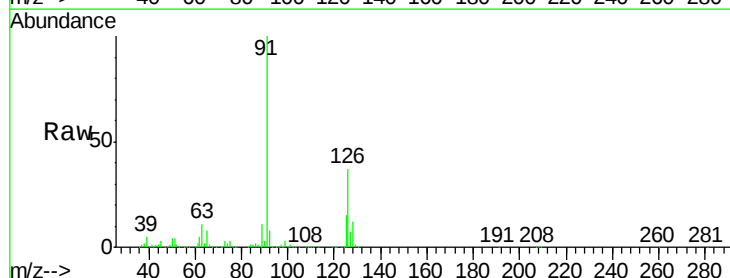
Acq: 09 Jun 2020 16:05

Tgt Ion: 91 Resp: 511603

Ion Ratio Lower Upper

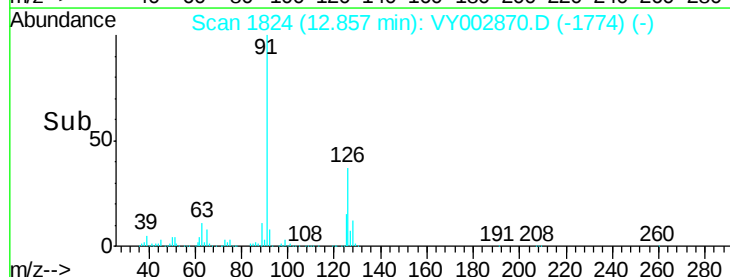
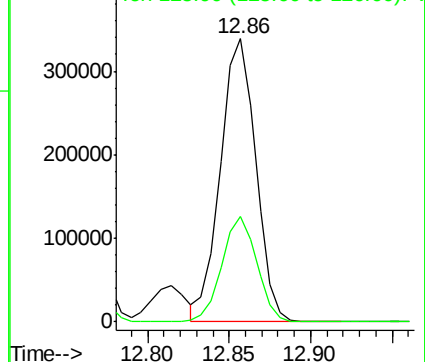
91 100

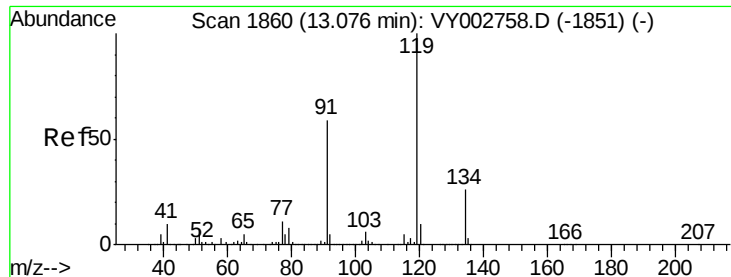
126 36.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

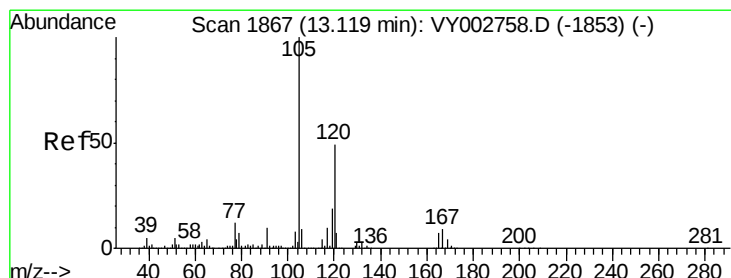
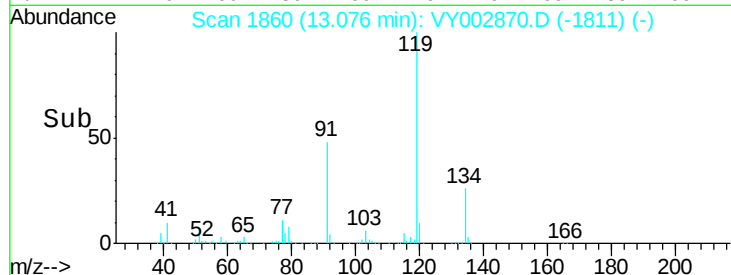
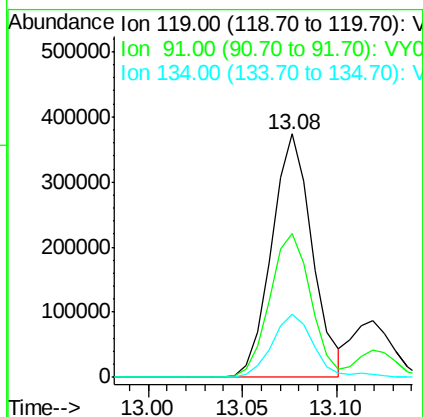
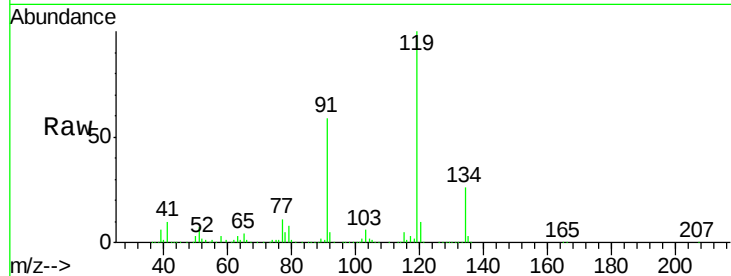




#83
tert-Butylbenzene
Concen: 50.892 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

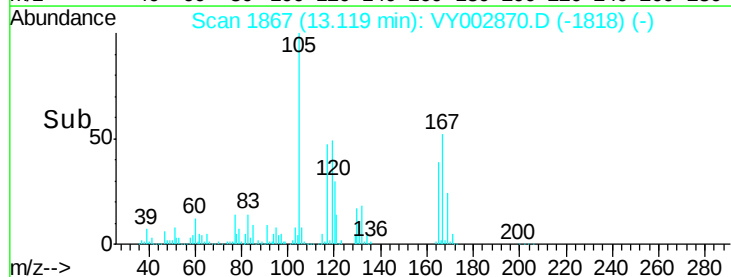
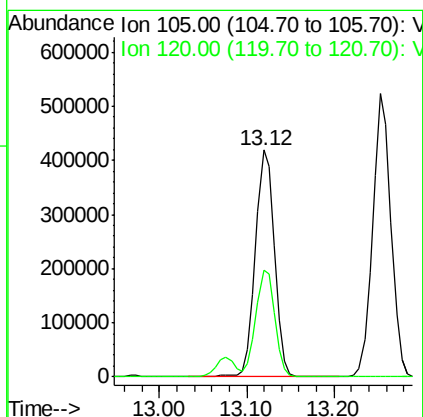
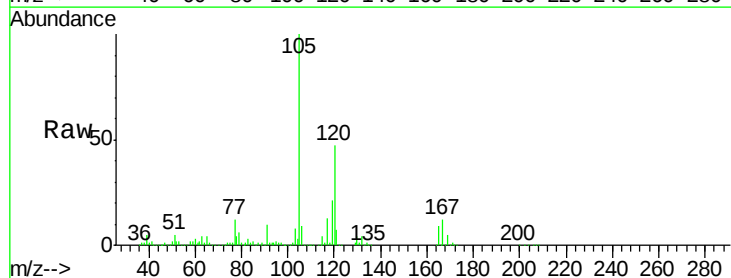
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

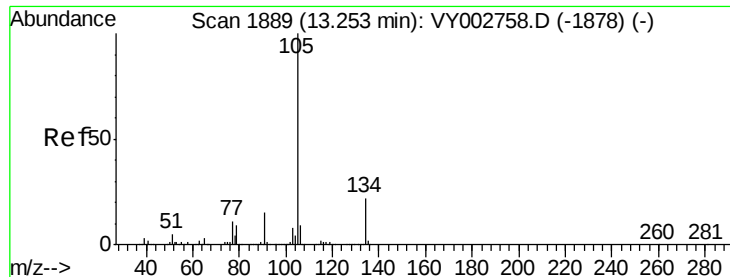
Tot Ion:119 Resp: 558549
Ion Ratio Lower Upper
119 100
91 59.8 29.8 89.4
134 27.2 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 51.018 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002870.D
Acq: 09 Jun 2020 16:05

Tgt Ion:105 Resp: 631175
Ion Ratio Lower Upper
105 100
120 46.9 23.6 70.8





#85

sec-Butylbenzene

Concen: 50.838 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

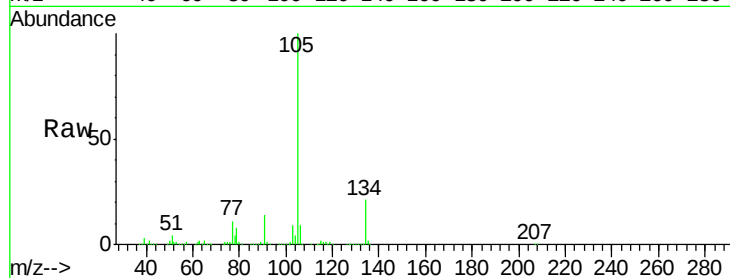
VSTDCCC050EC

Tot Ion:105 Resp: 762906

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

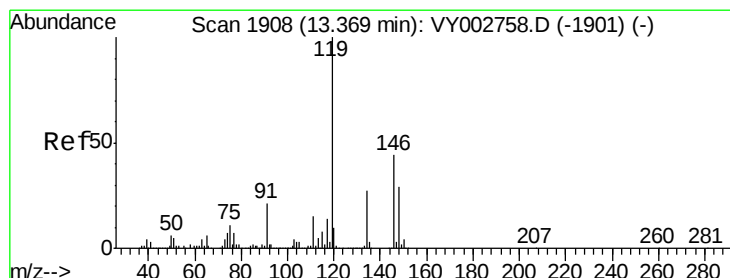
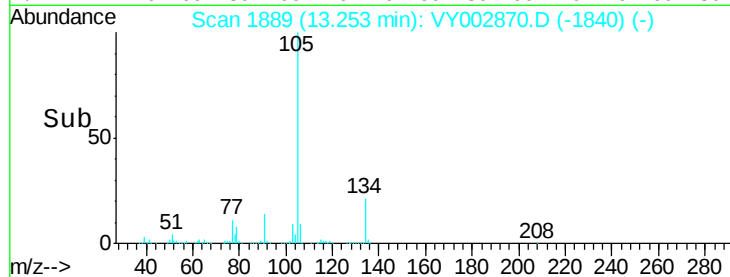
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.671 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

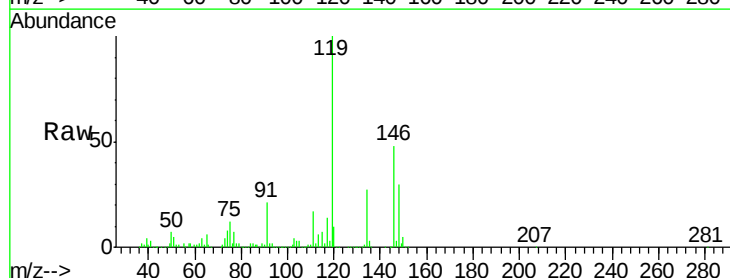
Tgt Ion:119 Resp: 721509

Ion Ratio Lower Upper

119 100

134 27.2 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

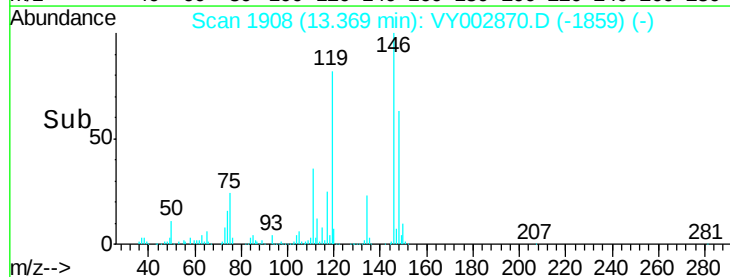
600000

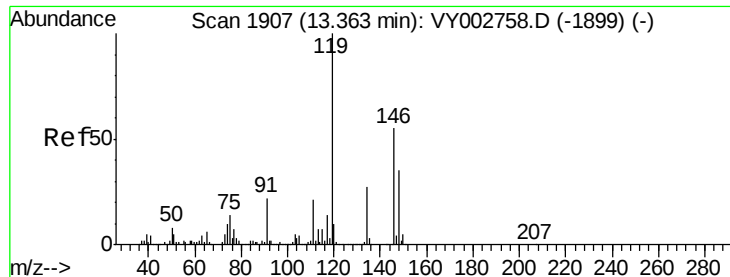
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.555 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

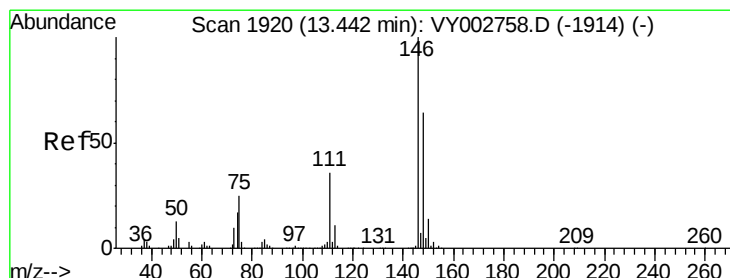
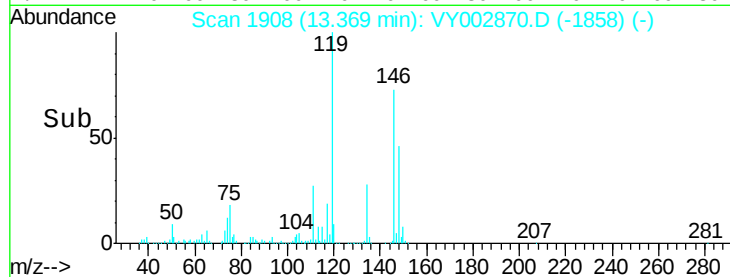
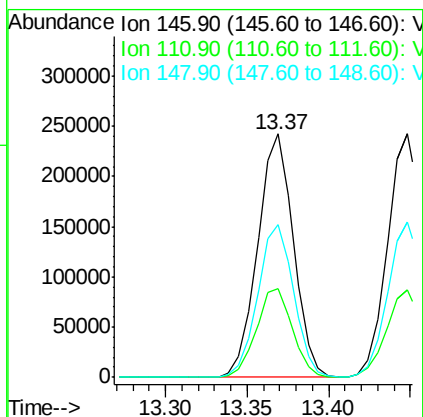
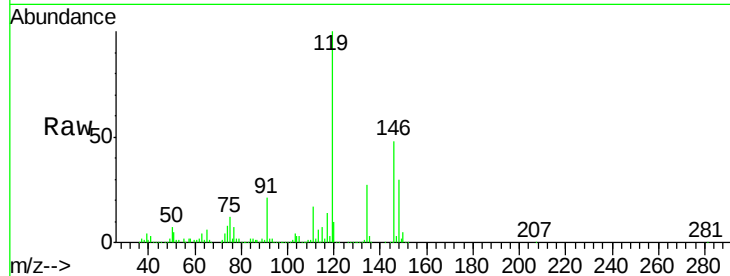
Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 367445

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.0
148	63.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 50.906 ug/l

RT: 13.45 min Scan# 1921

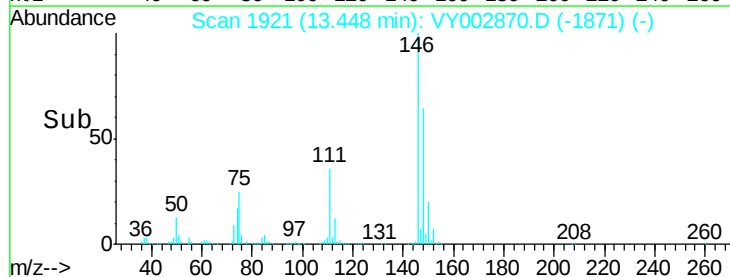
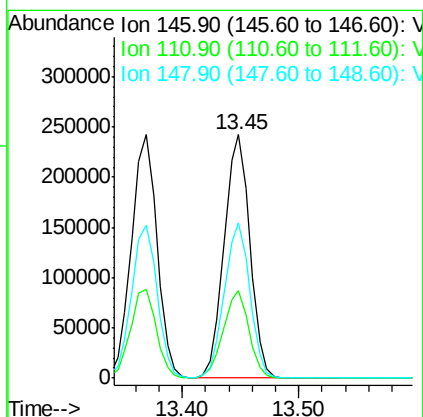
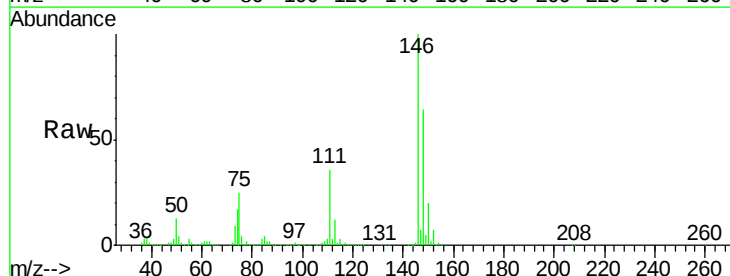
Delta R.T. 0.01 min

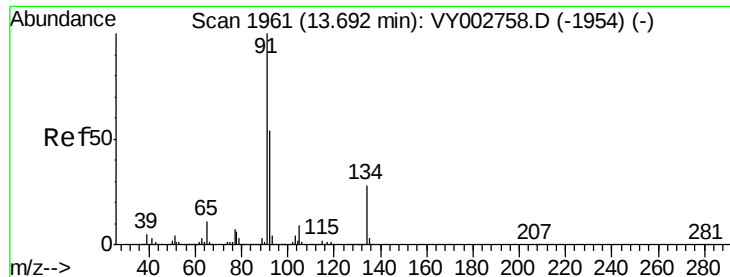
Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Tgt Ion:146 Resp: 370118

Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.3
148	63.5	32.1	96.3





#89

n-Butylbenzene

Concen: 51.382 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

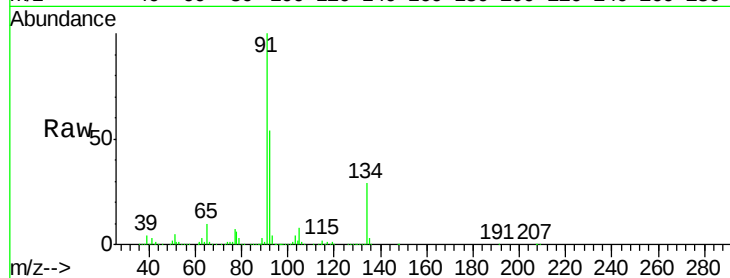
Tot Ion: 91 Resp: 651392

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

134 28.4 14.3 42.9

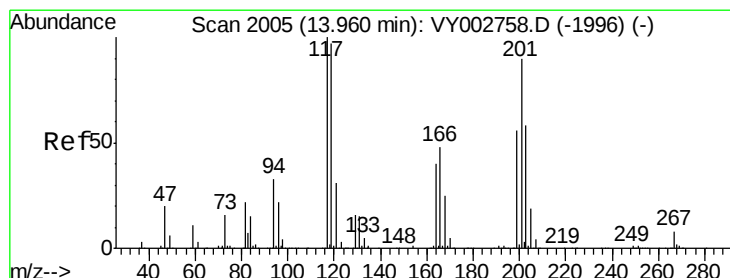
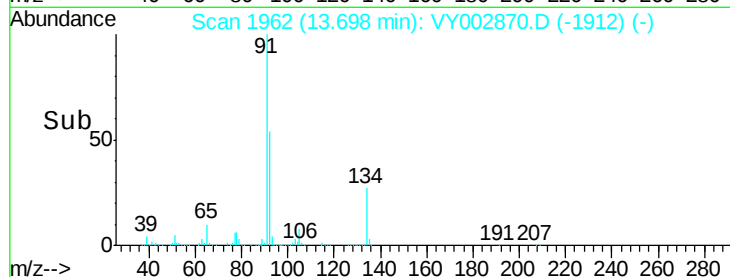
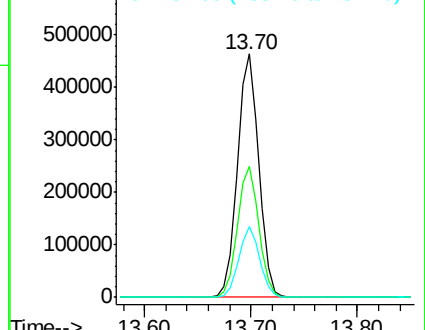


Abundance

Ion 91.00 (90.70 to 91.70): VY002870.D (-1956) (-)

Ion 92.00 (91.70 to 92.70): VY002870.D (-1956) (-)

Ion 134.00 (133.70 to 134.70): VY002870.D (-1956) (-)



#90

Hexachloroethane

Concen: 52.962 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002870.D

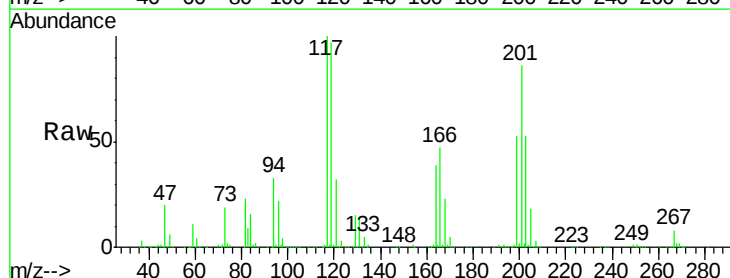
Acq: 09 Jun 2020 16:05

Tgt Ion: 117 Resp: 138450

Ion Ratio Lower Upper

117 100

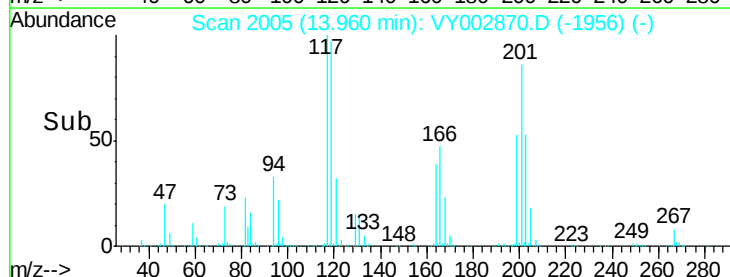
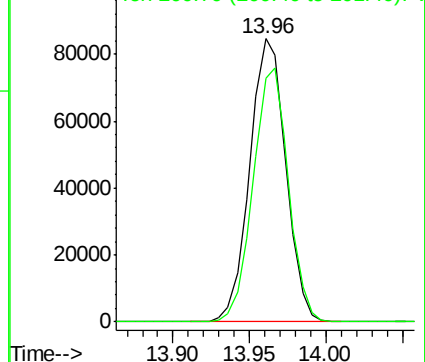
201 87.8 43.9 131.6



Abundance

Ion 116.80 (116.50 to 117.50): VY002870.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002870.D (-1956) (-)

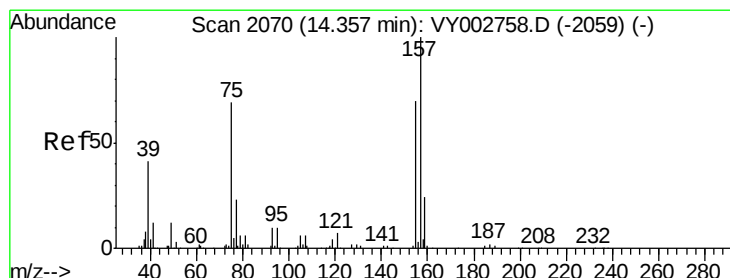
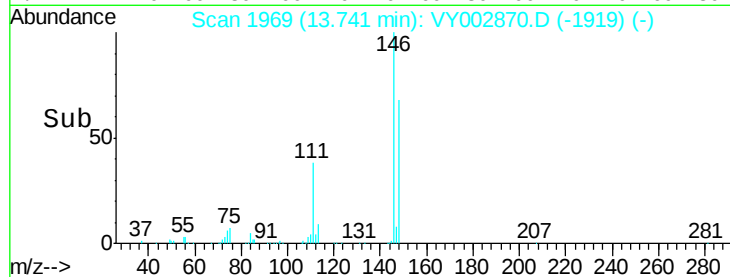
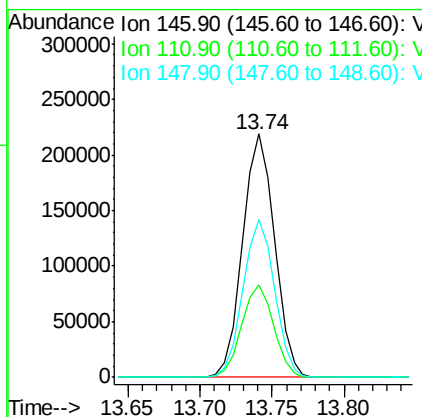
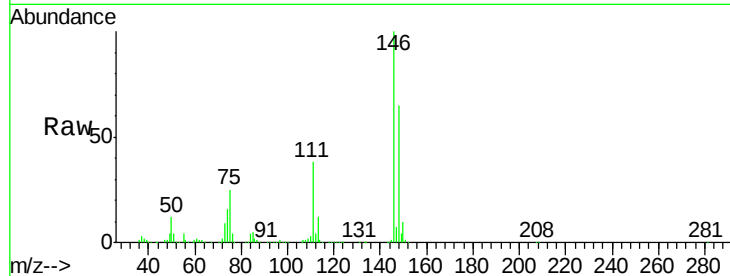




#91
 1,2-Dichlorobenzene
 Concen: 50.959 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

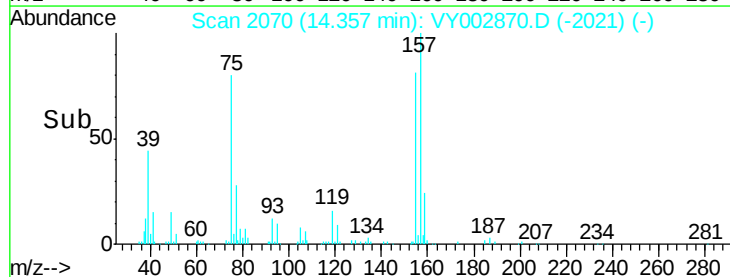
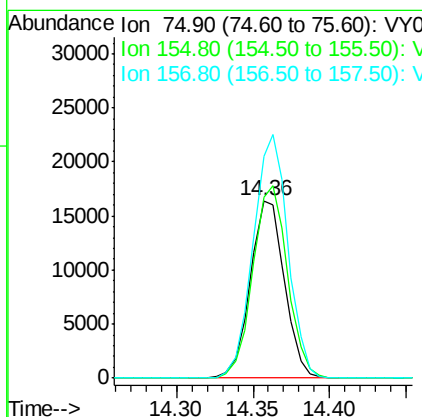
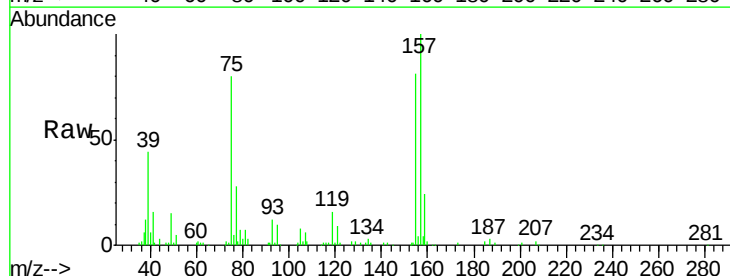
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

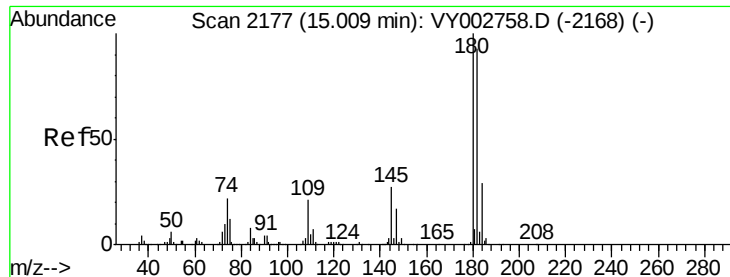
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.353 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.8	53.5	160.5
157	139.2	69.9	209.7

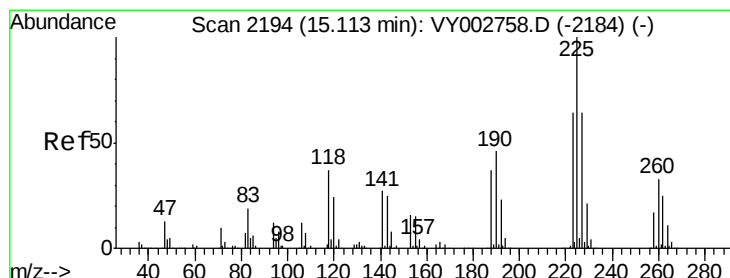
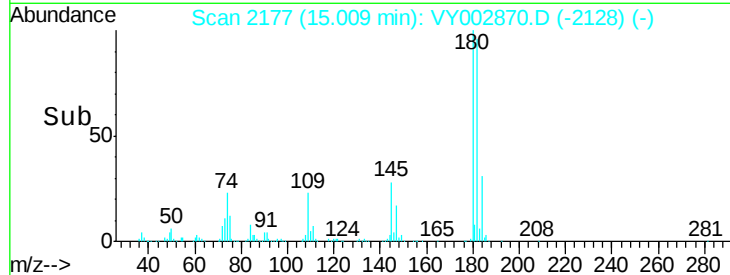
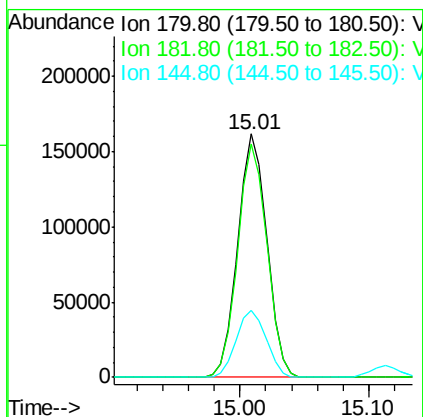
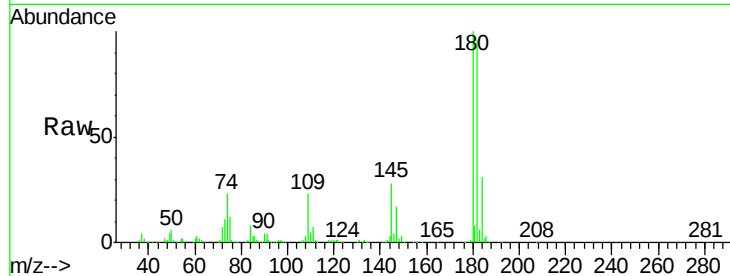




#93
 1,2,4-Trichlorobenzene
 Concen: 50.988 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

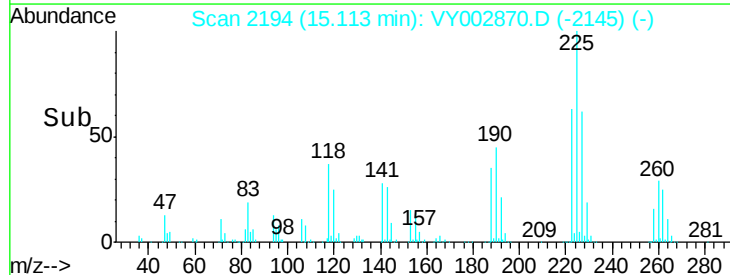
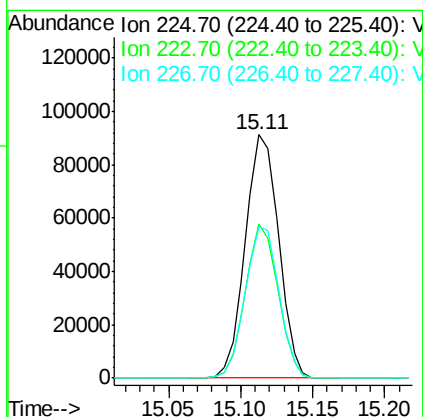
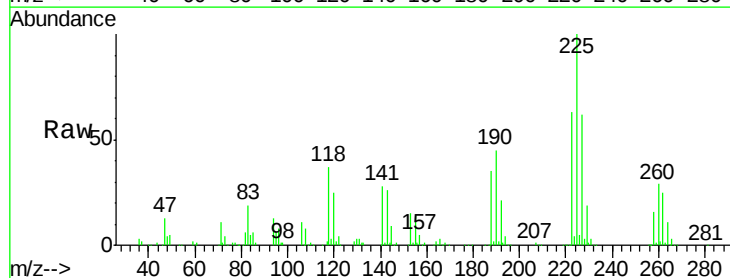
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

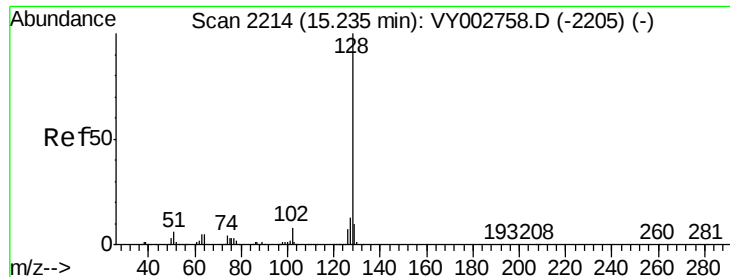
Tot Ion:180 Resp: 253327
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 141.9
 145 28.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 51.960 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002870.D
 Acq: 09 Jun 2020 16:05

Tgt Ion:225 Resp: 146422
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 95.0
 227 63.1 32.3 96.9





#95

Naphthalene

Concen: 51.463 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

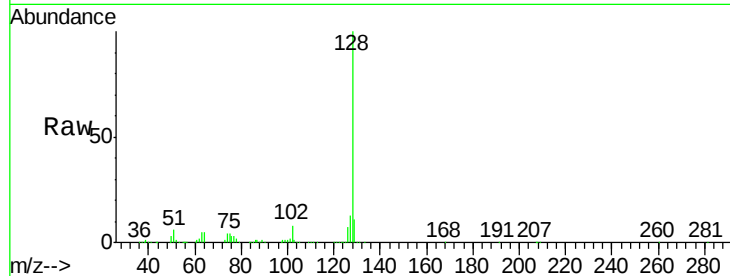
Tot Ion:128 Resp: 512658

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

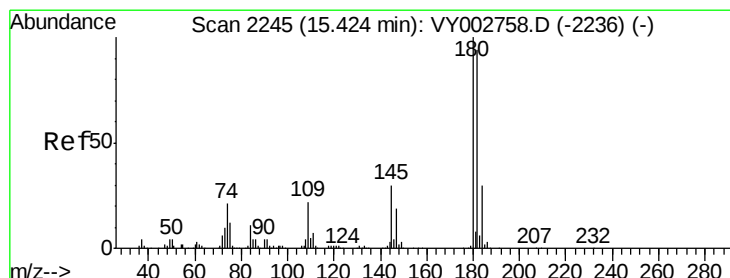
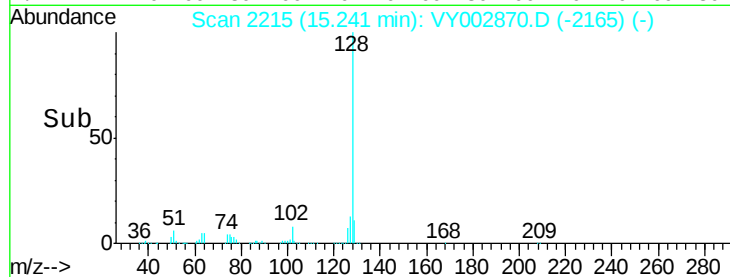
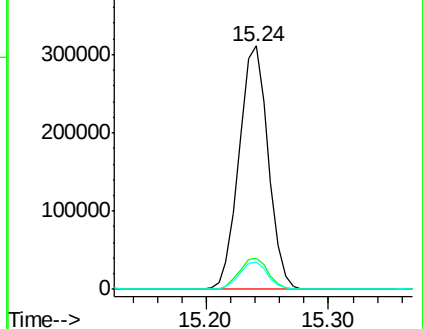
129 11.0 8.7 13.1



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: 50.925 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY002870.D

Acq: 09 Jun 2020 16:05

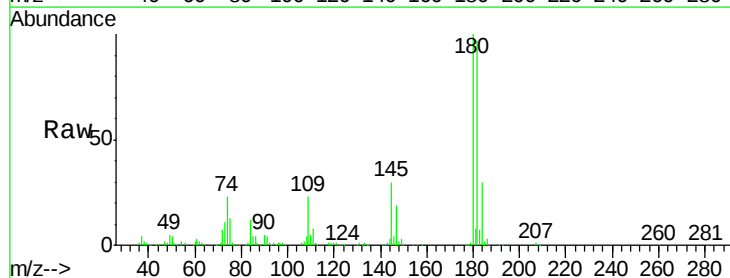
Tgt Ion:180 Resp: 225937

Ion Ratio Lower Upper

180 100

182 96.1 48.1 144.4

145 30.3 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

