

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003073.D
 Acq On : 01 Jul 2020 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 03:22:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	406902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	612383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	563803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	291875	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	210395	52.06	ug/l	0.00
Spiked Amount						
			Recovery	=	104.12%	
35) Dibromofluoromethane	7.73	113	201174	52.66	ug/l	0.00
Spiked Amount						
			Recovery	=	105.32%	
50) Toluene-d8	10.18	98	727261	51.10	ug/l	0.00
Spiked Amount						
			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.48	95	257572	51.42	ug/l	0.00
Spiked Amount						
			Recovery	=	102.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	151246	49.080	ug/l	100
3) Chloromethane	2.12	50	208690	46.246	ug/l	99
4) Vinyl Chloride	2.26	62	226668	51.495	ug/l	97
5) Bromomethane	2.65	94	178315	59.664	ug/l	97
6) Chloroethane	2.80	64	151687	54.170	ug/l	98
7) Trichlorofluoromethane	3.13	101	320503	51.588	ug/l	100
8) Diethyl Ether	3.54	74	116657	54.772	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	196793	53.050	ug/l	99
10) Methyl Iodide	4.10	142	240670	52.321	ug/l	99
11) Tert butyl alcohol	4.99	59	100010	242.825	ug/l	100
12) 1,1-Dichloroethene	3.88	96	185476	52.549	ug/l	91
13) Acrolein	3.74	56	85013	229.820	ug/l	99
14) Allyl chloride	4.49	41	287009	46.574	ug/l	97
15) Acrylonitrile	5.18	53	286265	260.790	ug/l	100
16) Acetone	3.96	43	217691	228.392	ug/l	93
17) Carbon Disulfide	4.20	76	562153	49.849	ug/l	100
18) Methyl Acetate	4.49	43	128747	50.137	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	567585	55.168	ug/l	97
20) Methylene Chloride	4.72	84	235827	56.328	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	212302	53.176	ug/l	94
22) Diisopropyl ether	6.13	45	671610	50.848	ug/l	99
23) Vinyl Acetate	6.07	43	2281243	258.336	ug/l	98
24) 1,1-Dichloroethane	6.03	63	378938	52.521	ug/l	100
25) 2-Butanone	7.00	43	385923	254.890	ug/l	97
26) 2,2-Dichloropropane	6.99	77	310105	47.306	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	241805	53.998	ug/l	96
28) Bromochloromethane	7.34	49	163912	51.058	ug/l	89
29) Tetrahydrofuran	7.35	42	262284	260.496	ug/l	95
30) Chloroform	7.51	83	381389	53.357	ug/l	97
31) Cyclohexane	7.78	56	329769	46.395	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	335705	51.453	ug/l	100
36) 1,1-Dichloropropene	7.93	75	293520	49.760	ug/l	98
37) Ethyl Acetate	7.08	43	180331	50.846	ug/l	97
38) Carbon Tetrachloride	7.91	117	312012	50.839	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	364349	49.818	ug/l	99
40) Benzene	8.17	78	840774	52.063	ug/l	99
41) Methacrylonitrile	7.35	41	241612	127.531	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	270227	52.894	ug/l	99
43) Isopropyl Acetate	8.28	43	344575	51.106	ug/l	97
44) Trichloroethene	8.94	130	247807	52.794	ug/l	98
45) 1,2-Dichloropropane	9.22	63	221117	50.894	ug/l	98
46) Dibromomethane	9.31	93	131534	54.206	ug/l	98
47) Bromodichloromethane	9.50	83	314053	52.855	ug/l	99
48) Methyl methacrylate	9.30	41	156525	51.003	ug/l	95
49) 1,4-Dioxane	9.31	88	32704	1104.069	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	937289	268.964	ug/l	97
52) Toluene	10.25	92	526771	51.817	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	325925	52.319	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	362056	50.818	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	184728	54.783	ug/l	99
56) Ethyl methacrylate	10.51	69	268162	54.939	ug/l	97
57) 1,3-Dichloropropane	10.79	76	314704	53.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	675217	269.722	ug/l	98
59) 2-Hexanone	10.83	43	648611	266.287	ug/l	99
60) Dibromochloromethane	10.99	129	234614	54.369	ug/l	100
61) 1,2-Dibromoethane	11.09	107	179575	54.019	ug/l	100
64) Tetrachloroethene	10.72	164	252944	53.009	ug/l	97
65) Chlorobenzene	11.52	112	583282	52.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	227954	52.519	ug/l	98
67) Ethyl Benzene	11.59	91	1045922	51.427	ug/l	99
68) m/p-Xylenes	11.70	106	781932	103.301	ug/l	98
69) o-Xylene	12.03	106	373627	52.381	ug/l	97
70) Styrene	12.05	104	654727	53.729	ug/l	98
71) Bromoform	12.21	173	160984	55.624	ug/l	99
73) Isopropylbenzene	12.33	105	1001715	52.440	ug/l	100
74) N-amyl acetate	12.14	43	327052	52.593	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	213905	55.490	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	298374	103.291	ug/l #	100
77) Bromobenzene	12.61	156	260760	53.241	ug/l	100
78) n-propylbenzene	12.67	91	1179800	51.356	ug/l	99
79) 2-Chlorotoluene	12.75	91	668663	52.146	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	835789	52.141	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	78976	53.192	ug/l	96
82) 4-Chlorotoluene	12.85	91	695194	52.072	ug/l	99
83) tert-Butylbenzene	13.08	119	730326	51.888	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	846114	52.384	ug/l	100
85) sec-Butylbenzene	13.25	105	1000342	51.563	ug/l	100
86) p-Isopropyltoluene	13.37	119	924813	51.446	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	485398	53.084	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	479466	53.176	ug/l	100
89) n-Butylbenzene	13.70	91	865619	50.328	ug/l	99
90) Hexachloroethane	13.96	117	187453	52.513	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	441805	53.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	38723	56.745	ug/l	93

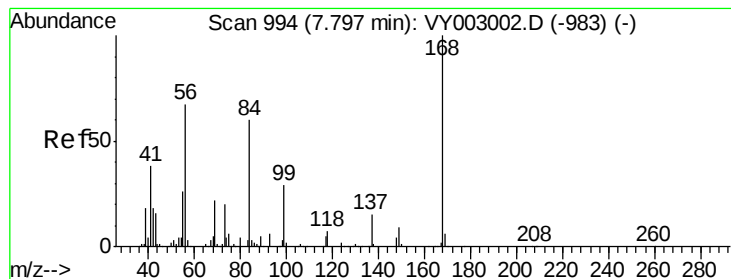
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	319678	52.440	ug/l	100
94) Hexachlorobutadiene	15.11	225	189383	49.252	ug/l	98
95) Naphthalene	15.23	128	631405	56.706	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	287508	54.314	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: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

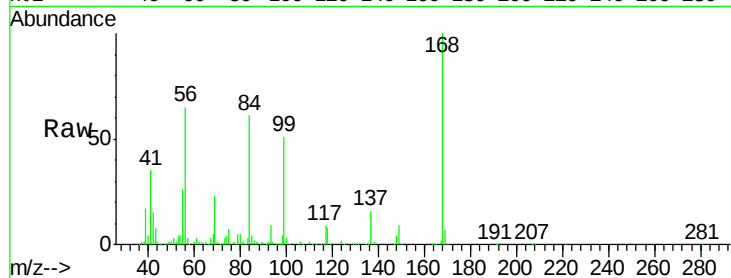
VSTDCCC050EC

Tot Ion:168 Resp: 406902

Ion Ratio Lower Upper

168 100

99 50.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

200000

150000

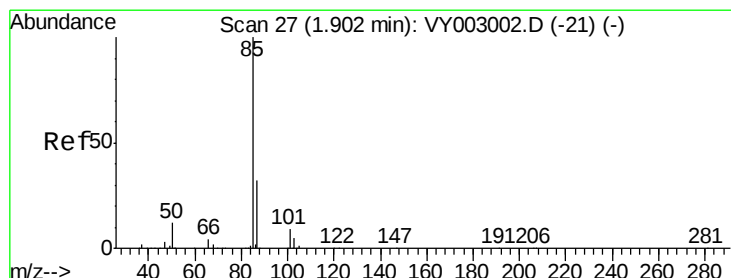
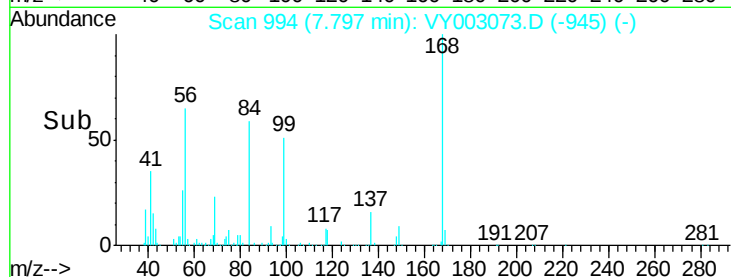
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.080 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003073.D

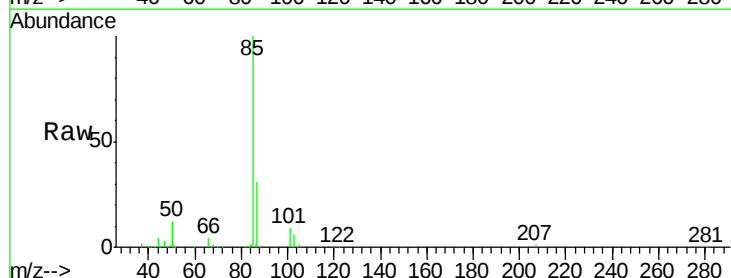
Acq: 01 Jul 2020 21:02

Tgt Ion: 85 Resp: 151246

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.91

120000

100000

80000

60000

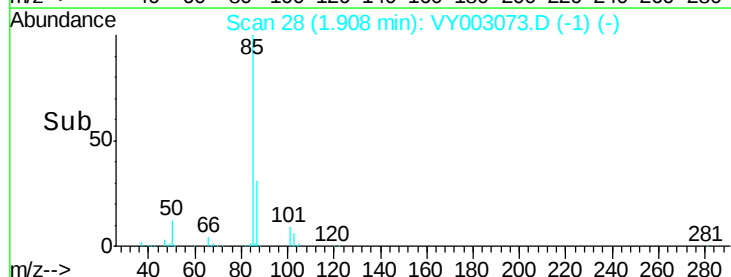
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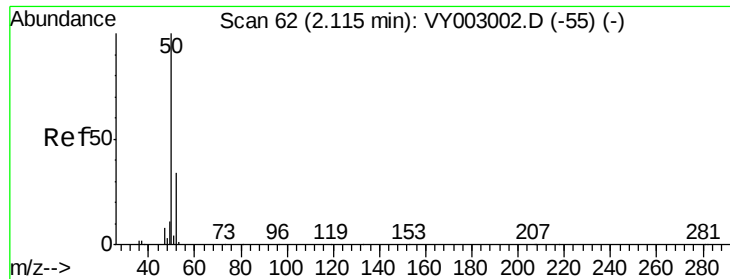
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.246 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

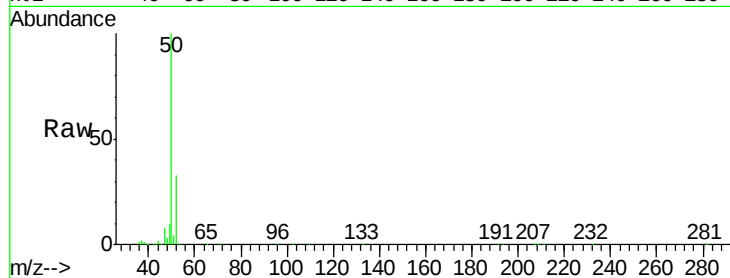
VSTDCCC050EC

Tot Ion: 50 Resp: 208690

Ion Ratio Lower Upper

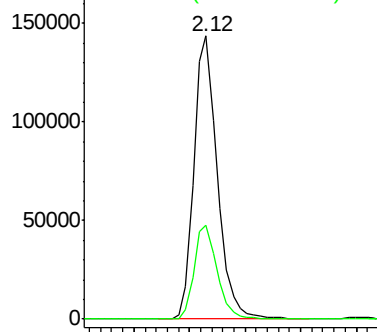
50 100

52 33.0 26.9 40.3

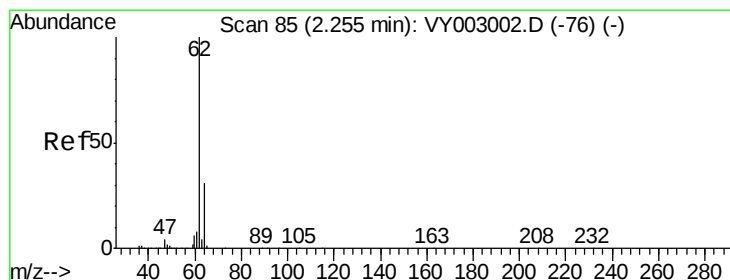
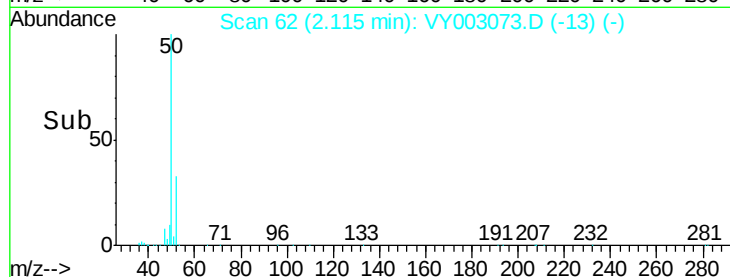


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



Time-->



#4

Vinyl Chloride

Concen: 51.495 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003073.D

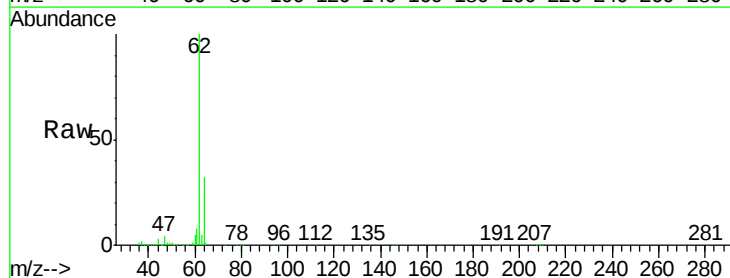
Acq: 01 Jul 2020 21:02

Tgt Ion: 62 Resp: 226668

Ion Ratio Lower Upper

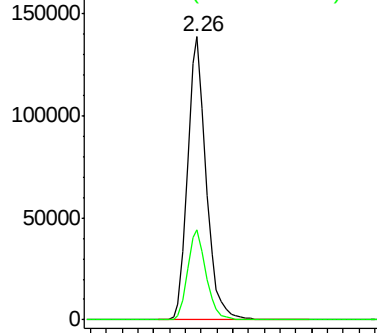
62 100

64 32.0 24.4 36.6

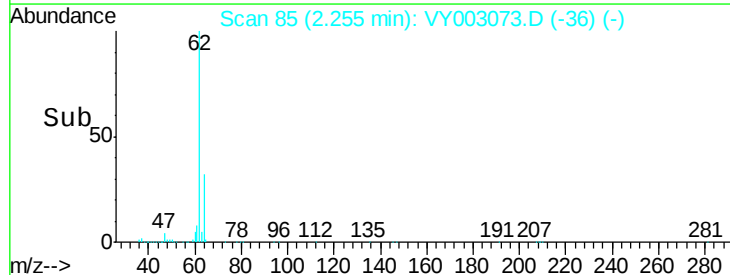


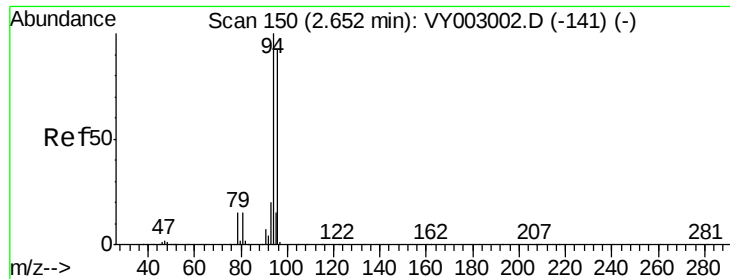
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



Time-->





#5

Bromomethane

Concen: 59.664 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

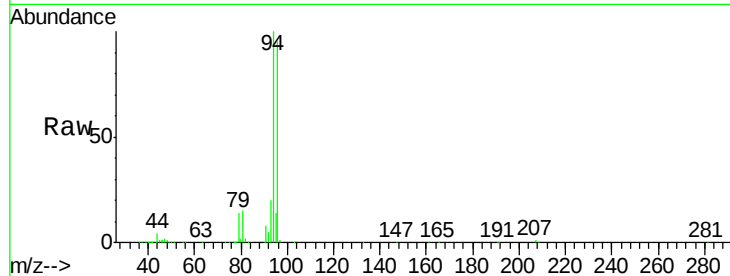
VSTDCCC050EC

Tot Ion: 94 Resp: 178315

Ion Ratio Lower Upper

94 100

96 95.0 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

100000

80000

60000

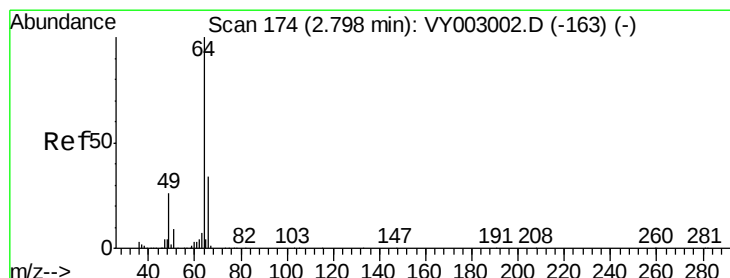
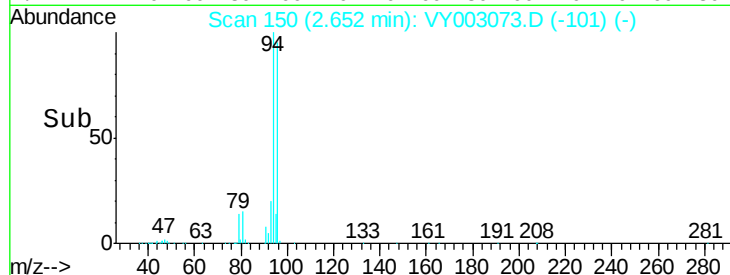
40000

20000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 54.170 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003073.D

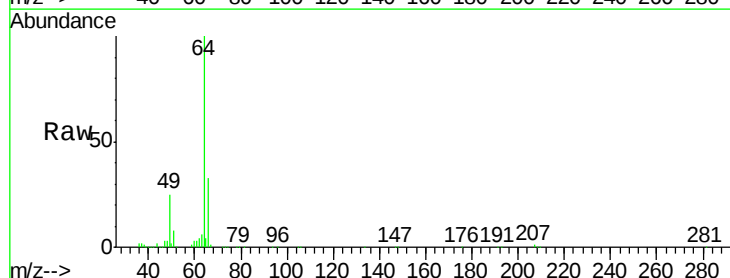
Acq: 01 Jul 2020 21:02

Tgt Ion: 64 Resp: 151687

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

80000

60000

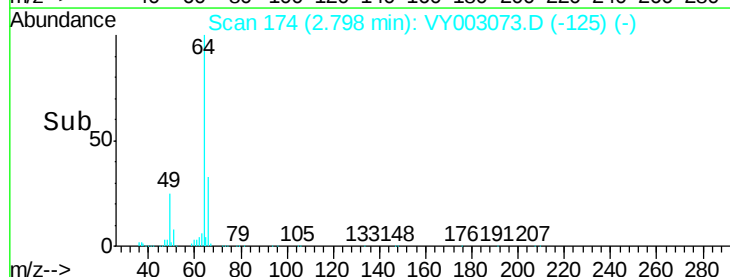
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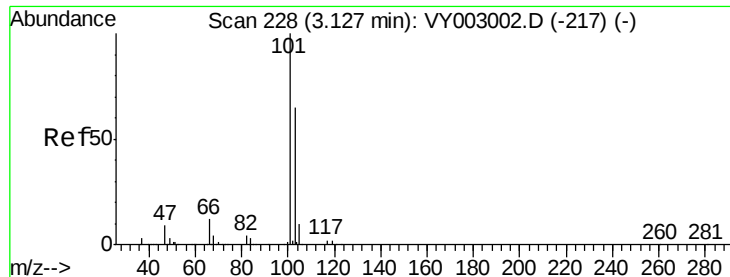
20000

0

Time-->

2.70 2.80 2.90



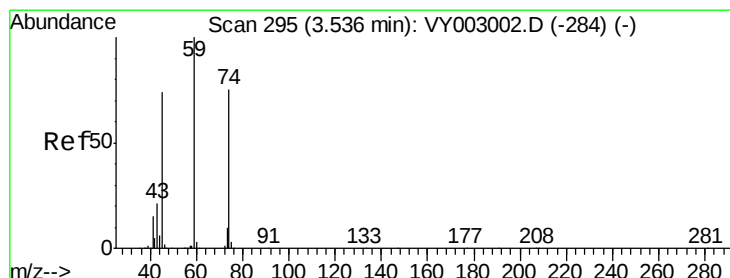
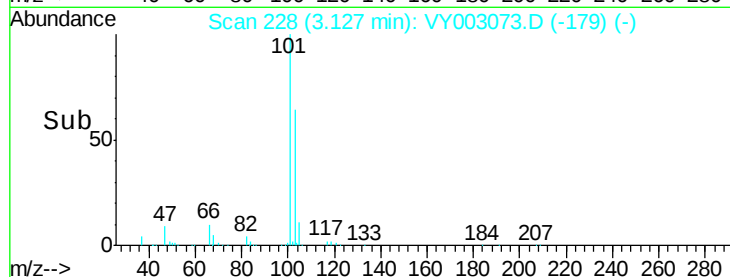
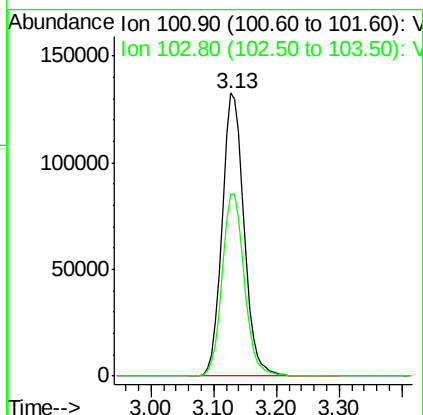
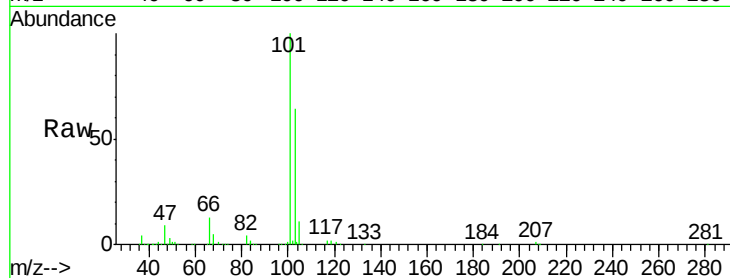


#7

Trichlorofluoromethane
Concen: 51.588 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
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VSTDCCC050EC

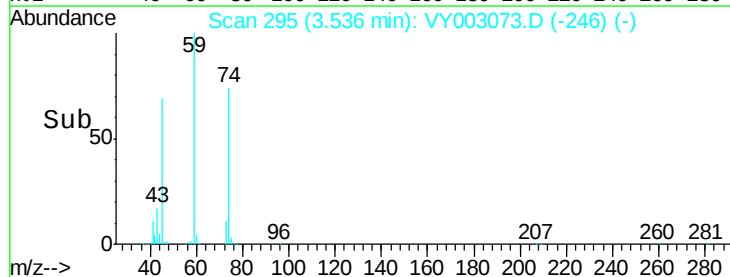
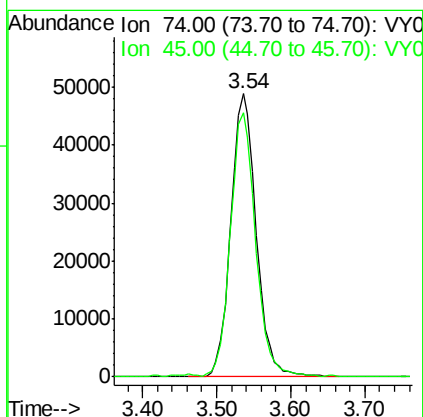
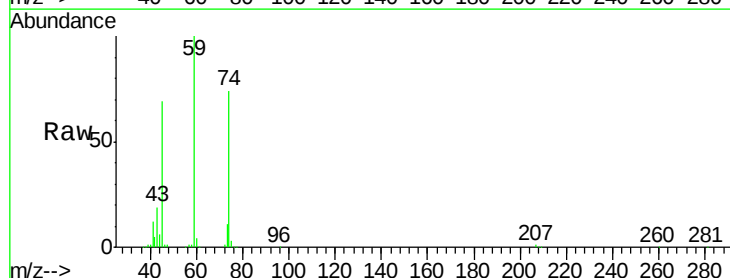
Tot Ion:101 Resp: 320503
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

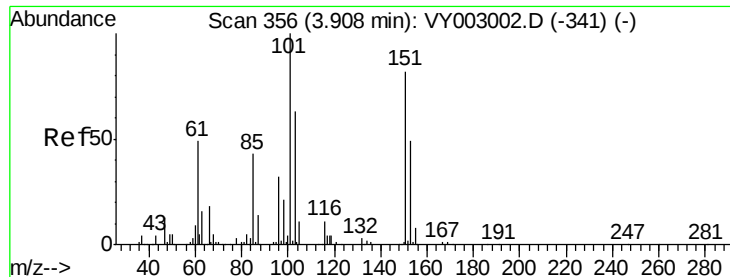


#8

Diethyl Ether
Concen: 54.772 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 74 Resp: 116657
Ion Ratio Lower Upper
74 100
45 92.2 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.050 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

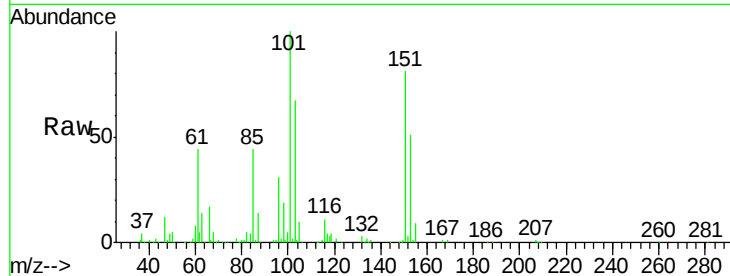
Tot Ion:101 Resp: 196793

Ion Ratio Lower Upper

101 100

85 43.8 35.5 53.3

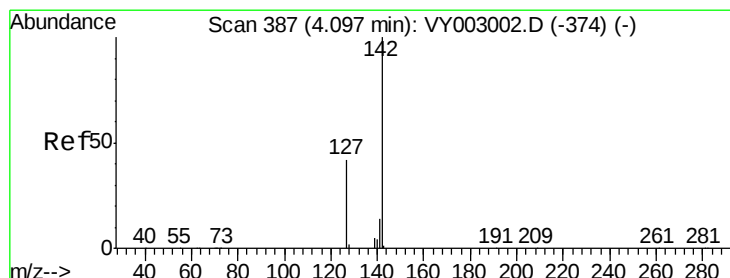
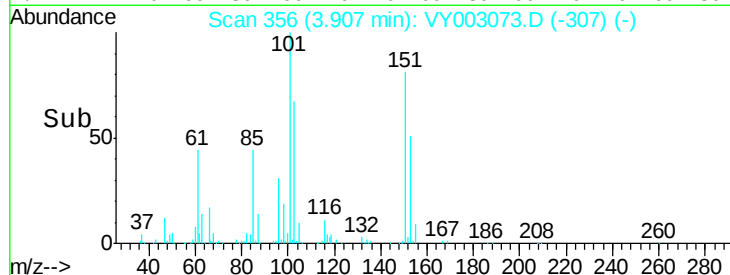
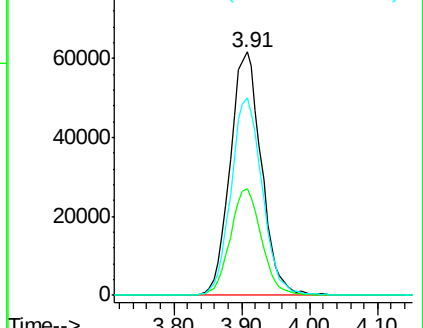
151 81.3 65.5 98.3



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: 52.321 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

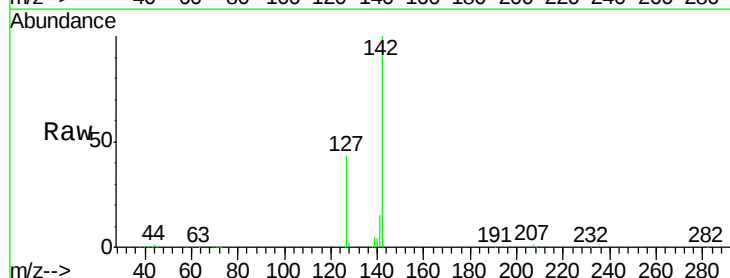
Tgt Ion:142 Resp: 240670

Ion Ratio Lower Upper

142 100

127 41.7 34.2 51.2

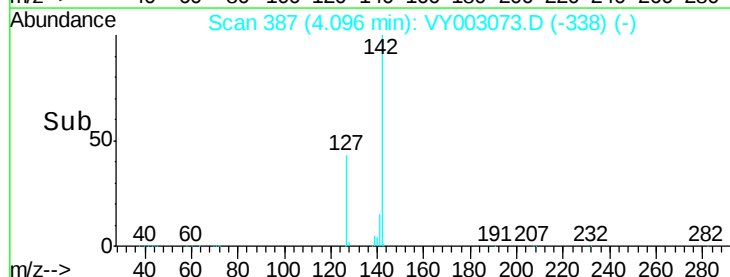
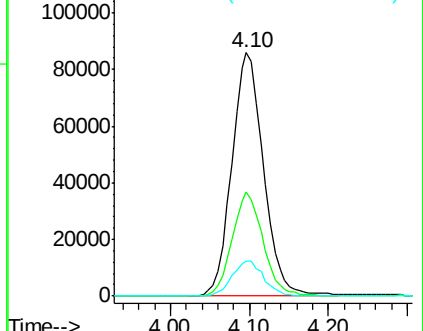
141 14.4 11.7 17.5

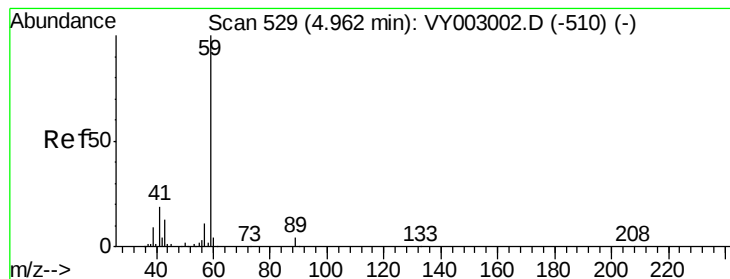


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



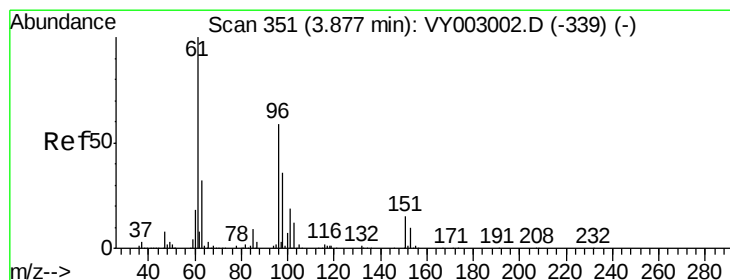
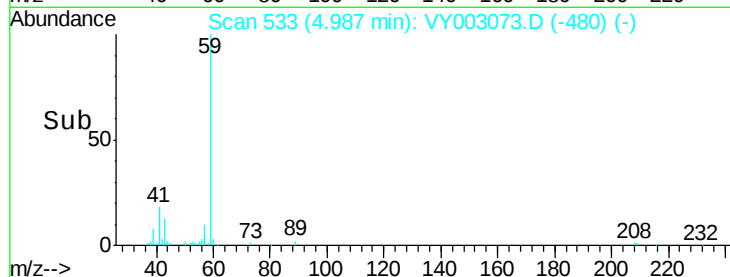
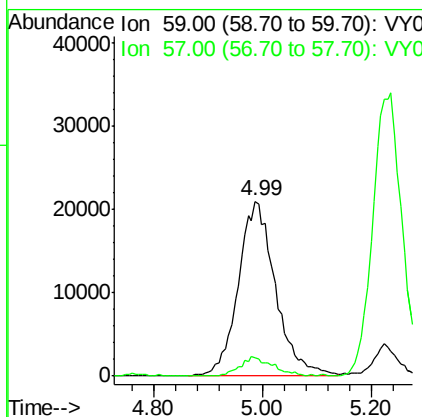
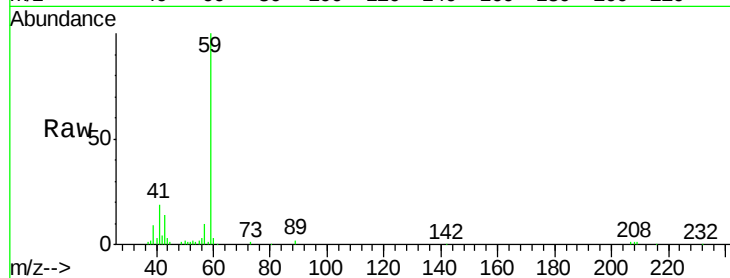


#11

Tert butyl alcohol
 Concen: 242.825 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

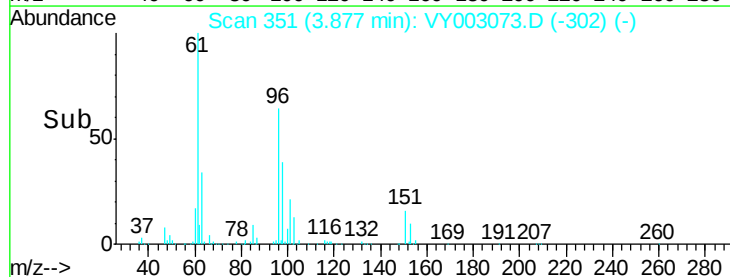
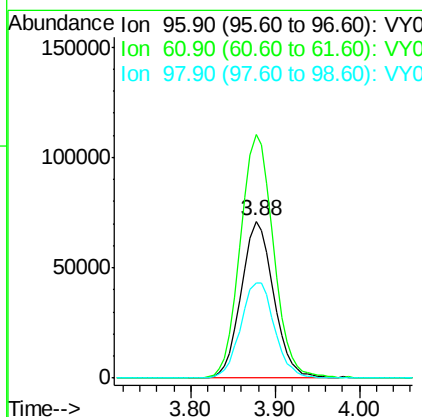
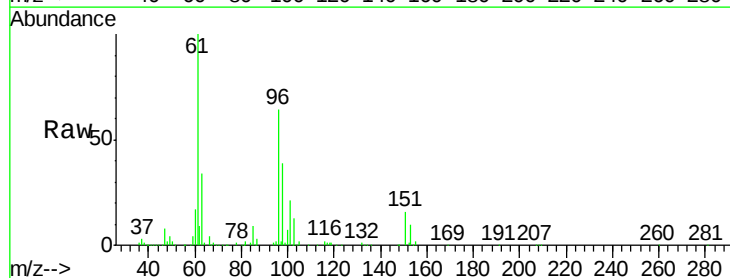
Tot Ion: 59 Resp: 100010
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

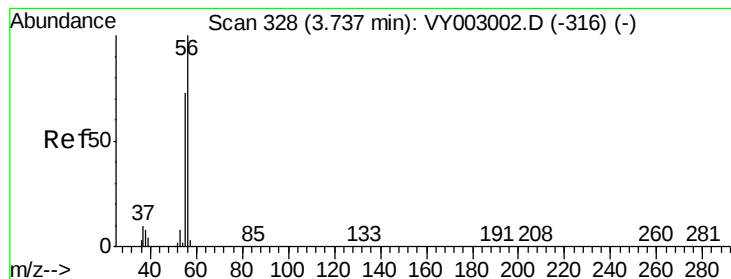


#12

1,1-Dichloroethene
 Concen: 52.549 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion: 96 Resp: 185476
 Ion Ratio Lower Upper
 96 100
 61 155.5 136.7 205.1
 98 61.0 49.7 74.5





#13

Acrolein

Concen: 229.820 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

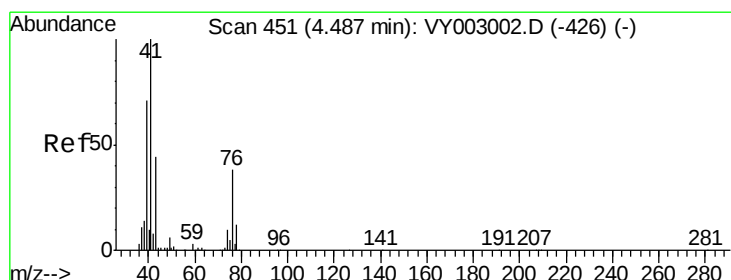
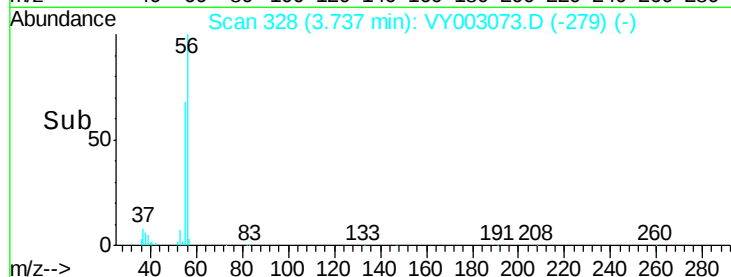
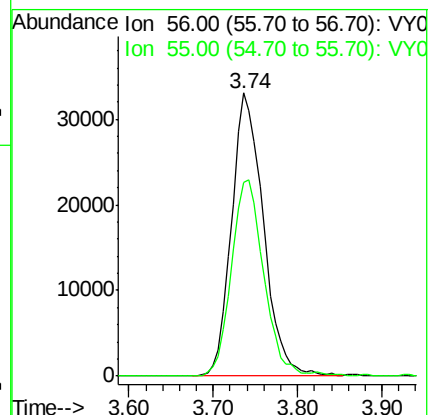
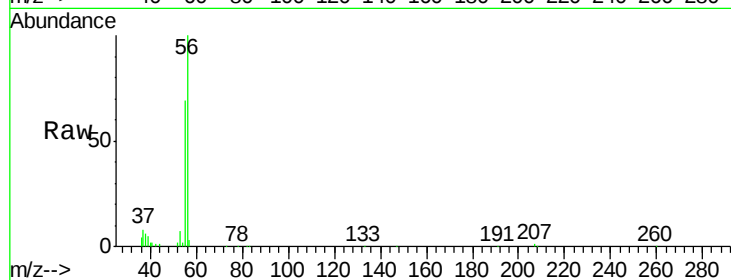
VSTDCCC050EC

Tot Ion: 56 Resp: 85013

Ion Ratio Lower Upper

56 100

55 69.9 56.4 84.6



#14

Allyl chloride

Concen: 46.574 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

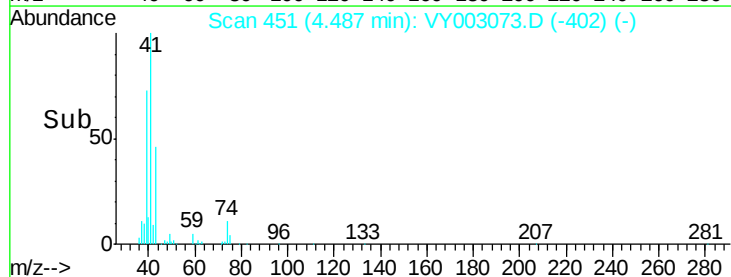
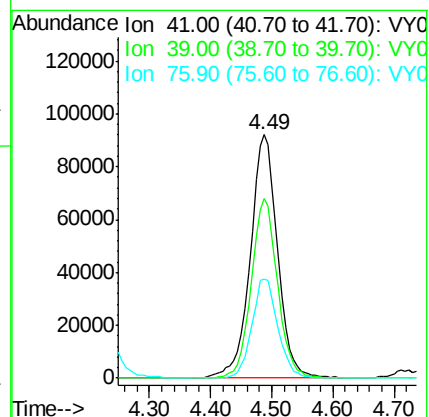
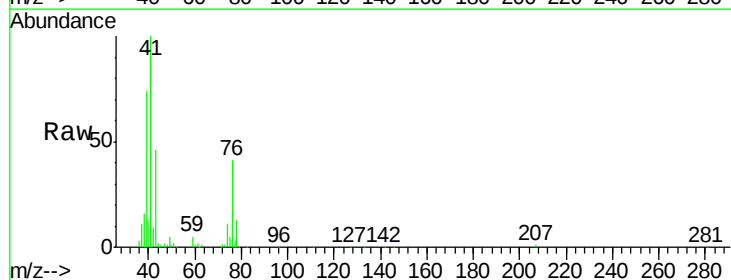
Tgt Ion: 41 Resp: 287009

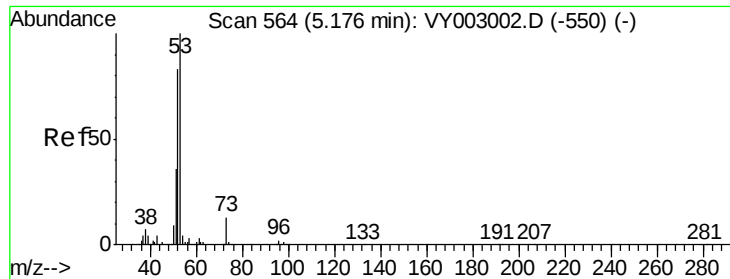
Ion Ratio Lower Upper

41 100

39 71.3 55.6 83.4

76 38.9 28.6 43.0





#15

Acrylonitrile

Concen: 260.790 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

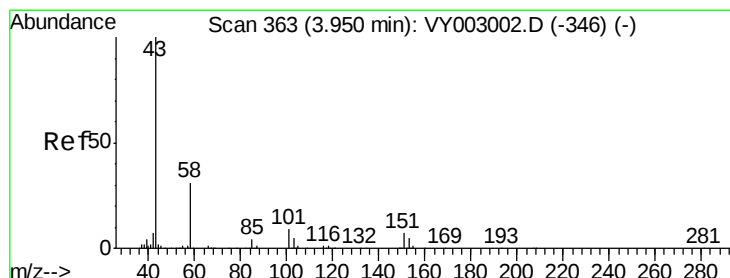
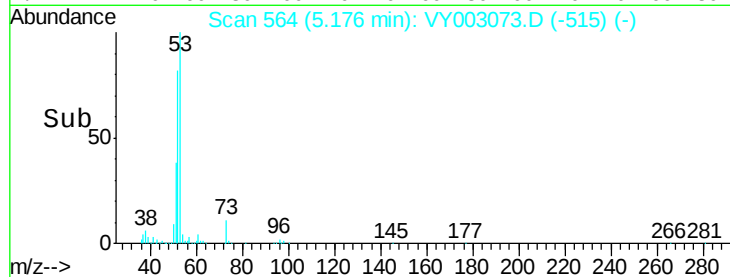
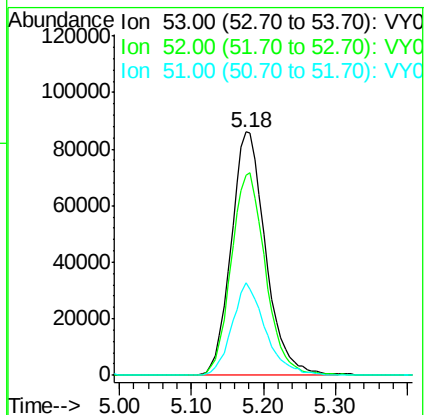
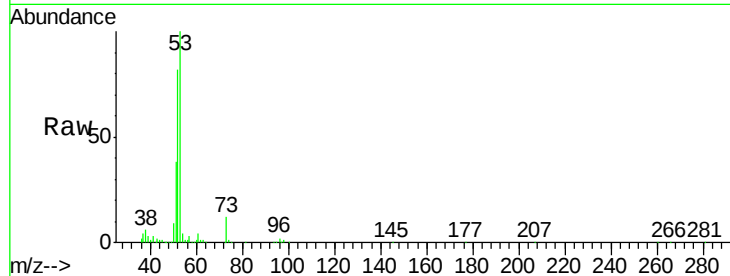
Tot Ion: 53 Resp: 286265

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

51 36.8 29.5 44.3



#16

Acetone

Concen: 228.392 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003073.D

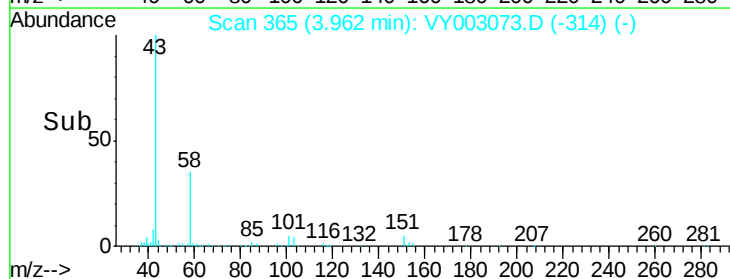
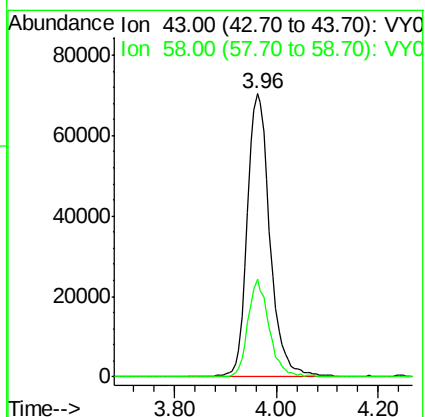
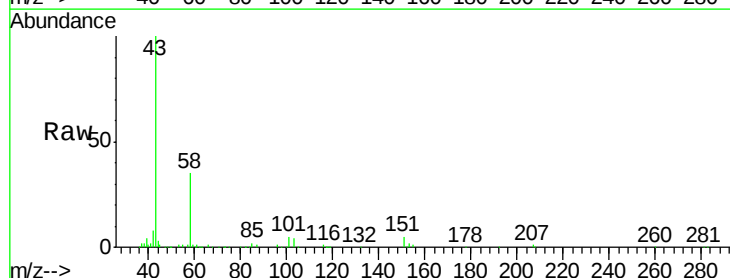
Acq: 01 Jul 2020 21:02

Tgt Ion: 43 Resp: 217691

Ion Ratio Lower Upper

43 100

58 34.7 24.7 37.1

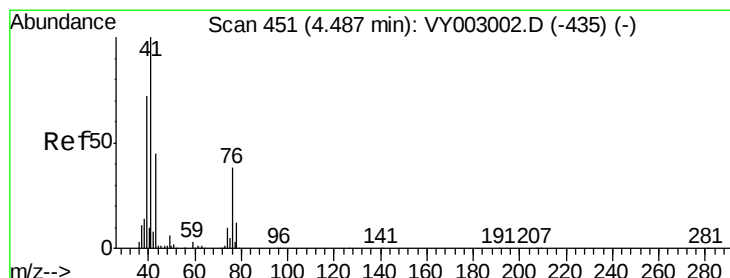
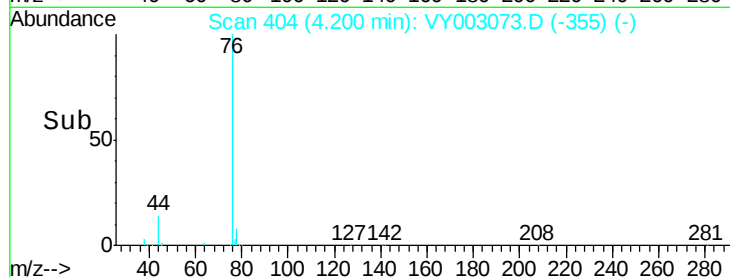
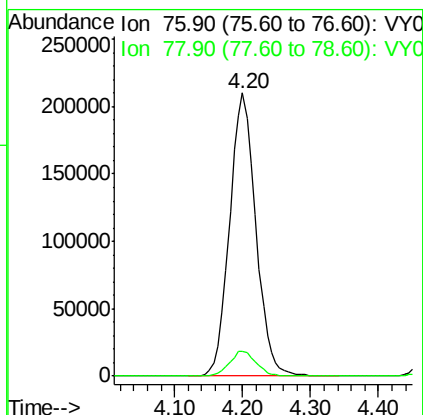
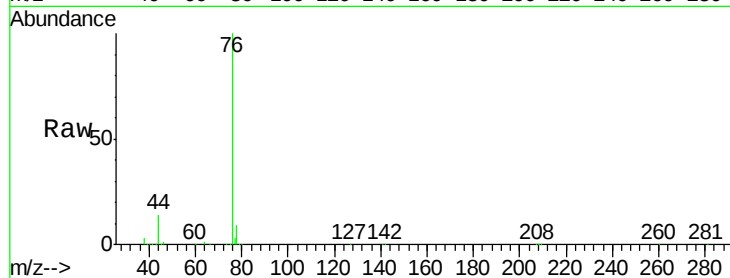




#17
Carbon Disulfide
Concen: 49.849 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

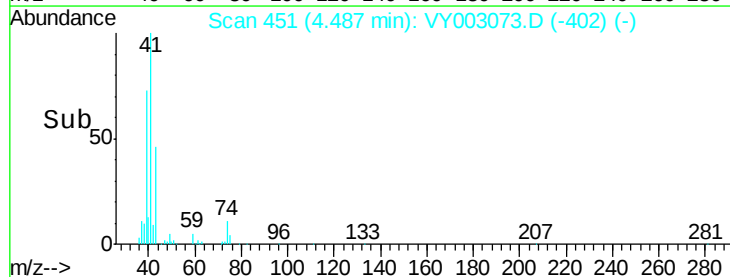
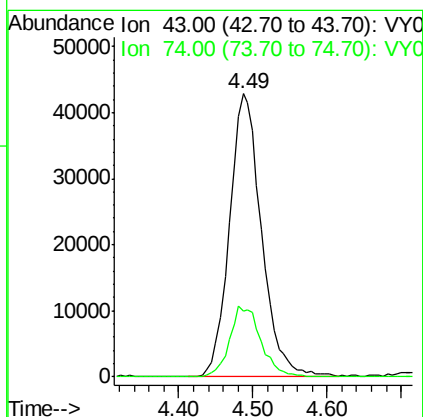
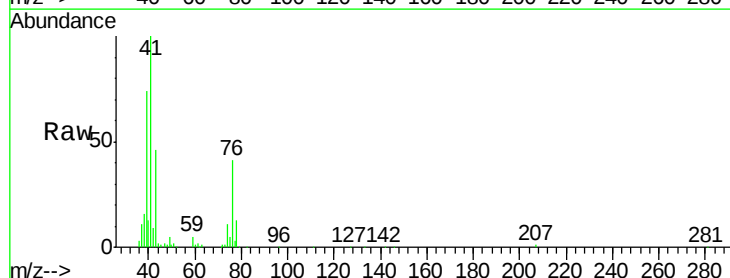
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

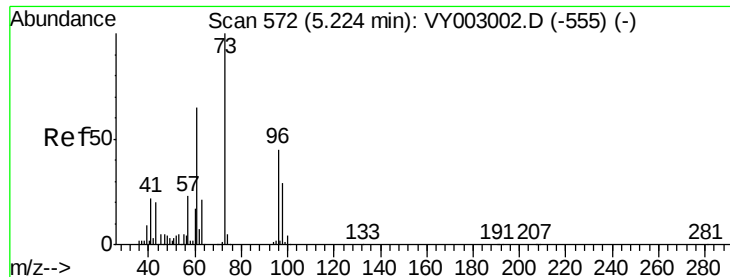
Tot Ion: 76 Resp: 562153
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 50.137 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 43 Resp: 128747
Ion Ratio Lower Upper
43 100
74 24.4 18.2 27.4



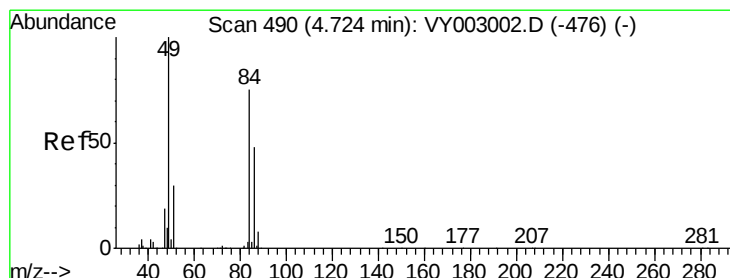
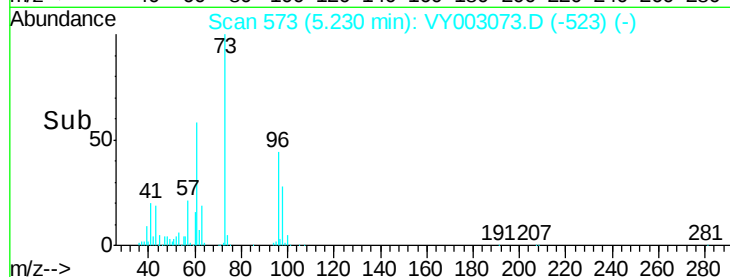
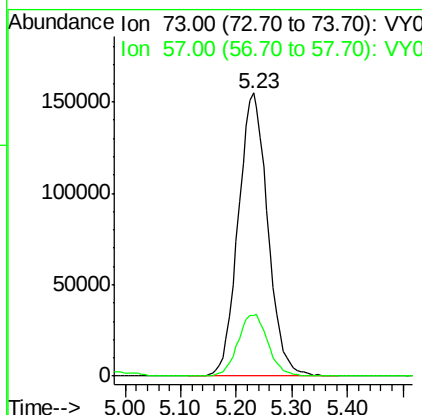
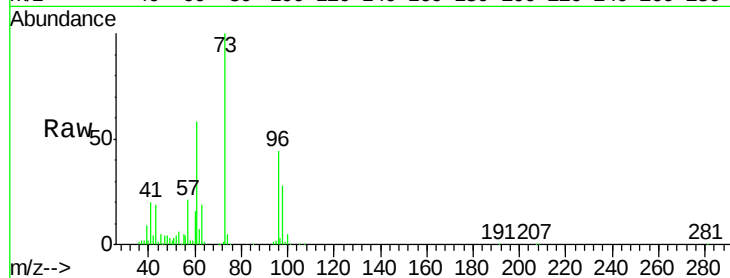


#19

Methyl tert-butyl Ether
 Concen: 55.168 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

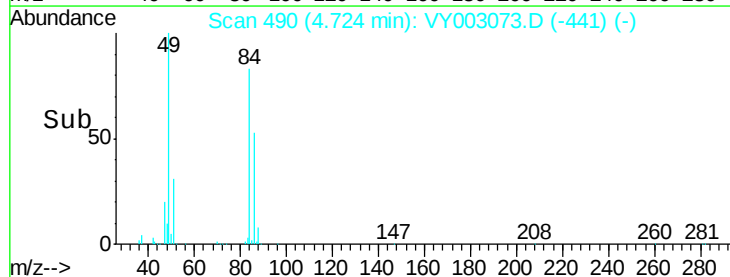
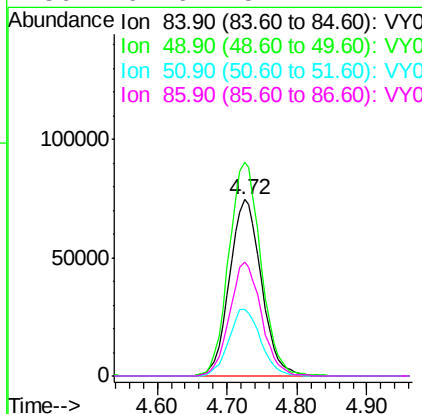
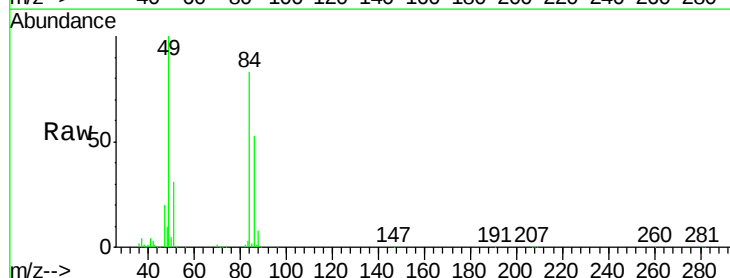
Tot Ion: 73 Resp: 567585
 Ion Ratio Lower Upper
 73 100
 57 21.4 18.2 27.2

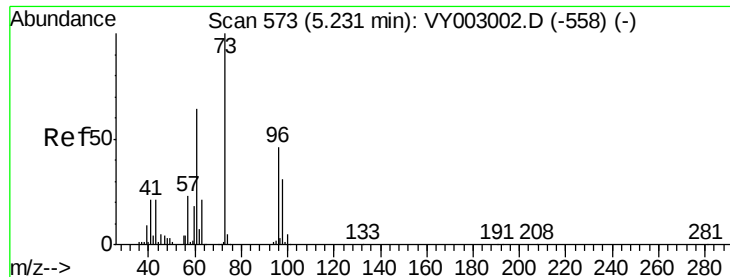


#20

Methylene Chloride
 Concen: 56.328 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion: 84 Resp: 235827
 Ion Ratio Lower Upper
 84 100
 49 120.9 106.8 160.2
 51 37.9 32.0 48.0
 86 64.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 53.176 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

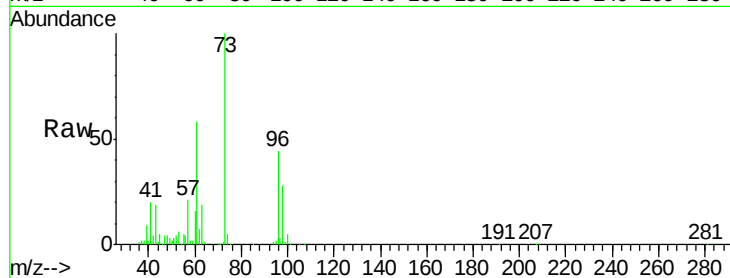
Tot Ion: 96 Resp: 212302

Ion Ratio Lower Upper

96 100

61 132.3 112.3 168.5

98 63.8 53.8 80.8

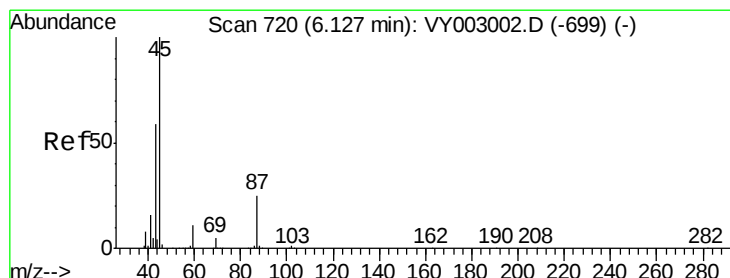
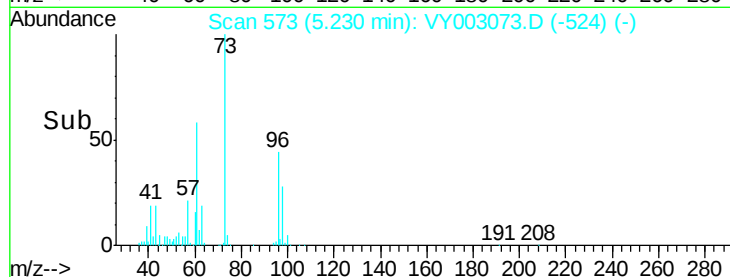
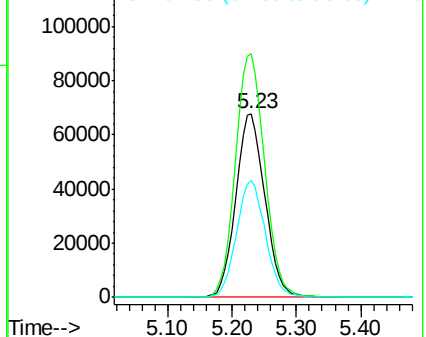


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 50.848 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion: 45 Resp: 671610

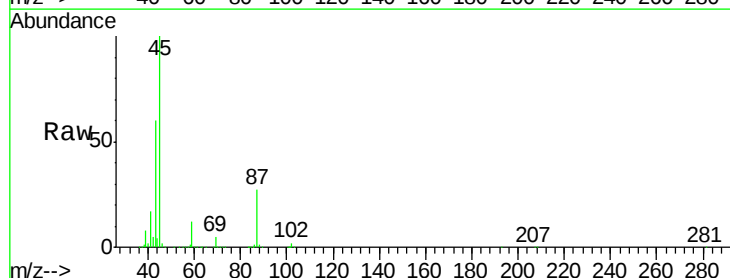
Ion Ratio Lower Upper

45 100

43 59.6 47.4 71.2

87 26.9 20.2 30.2

59 11.9 9.2 13.8



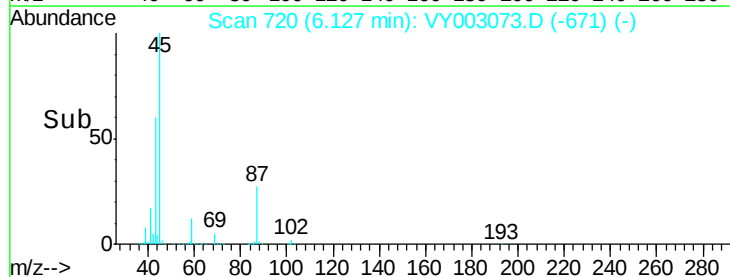
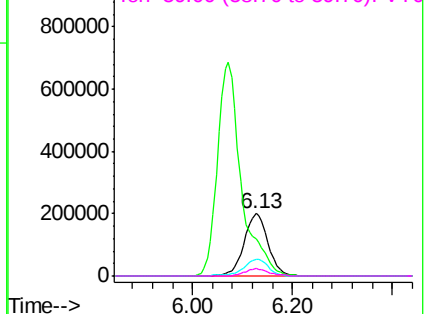
Abundance

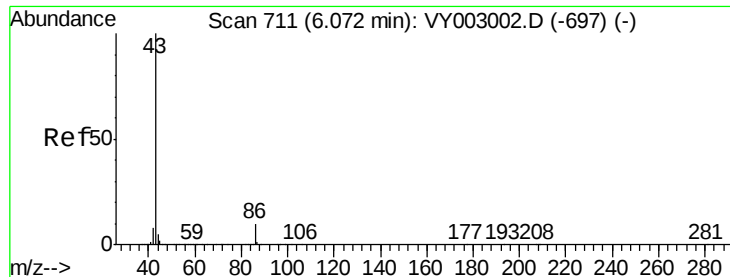
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

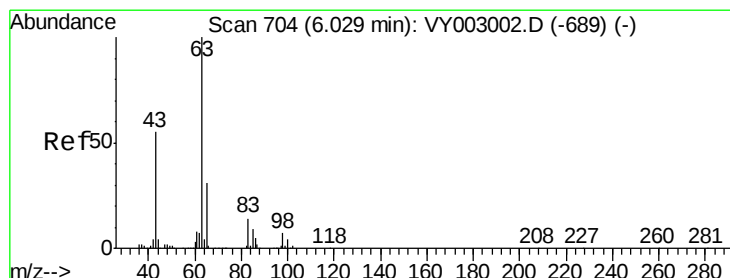
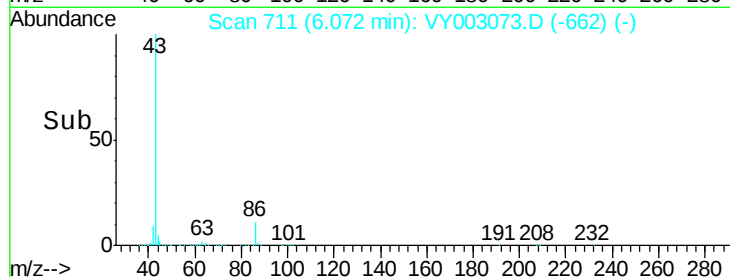
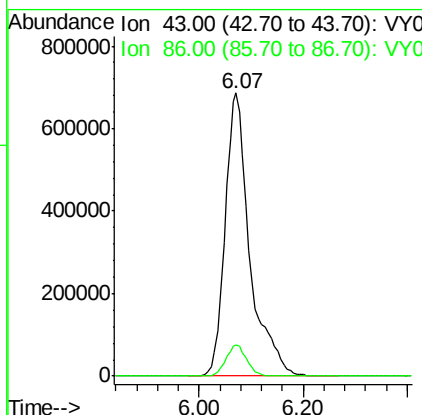
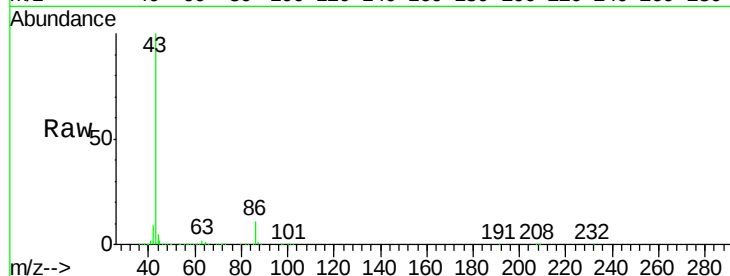




#23
 Vinyl Acetate
 Concen: 258.336 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

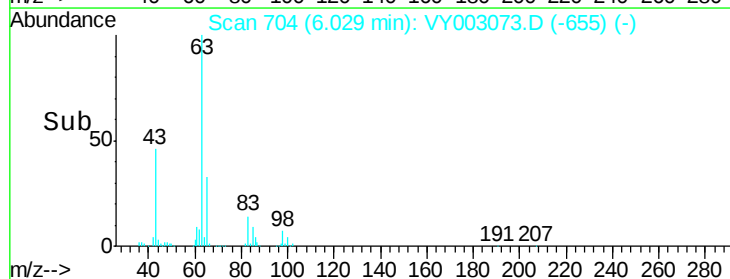
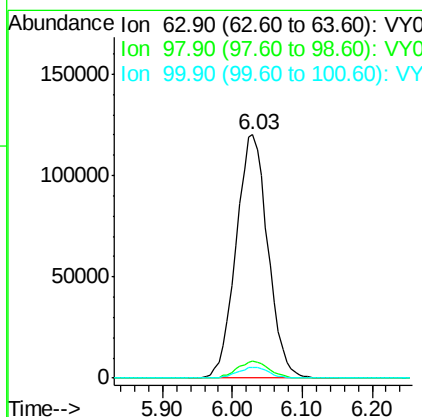
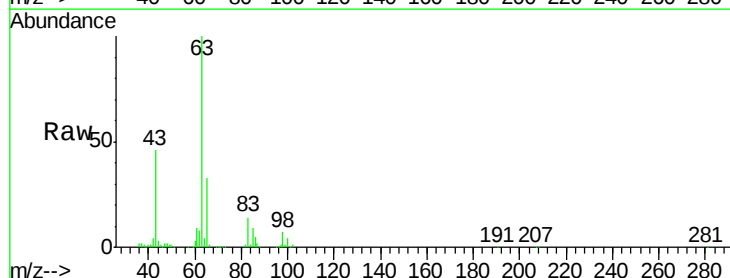
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2281243
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 52.521 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion: 63 Resp: 378938
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 254.890 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

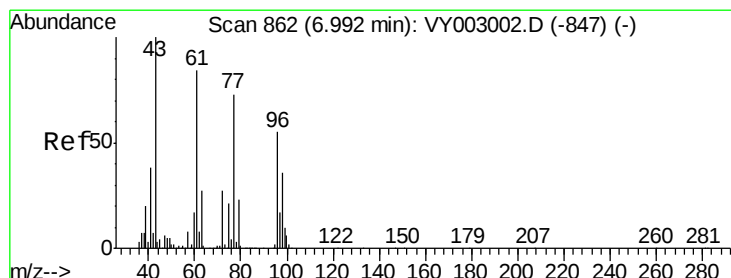
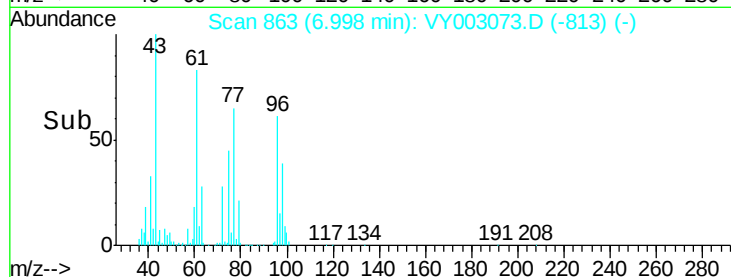
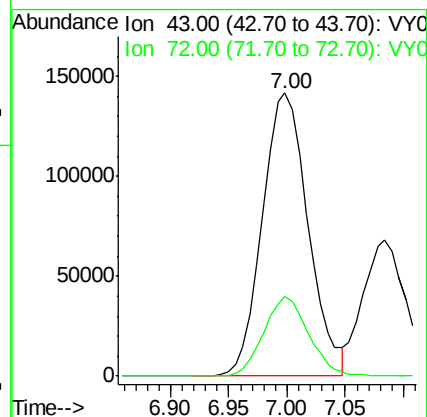
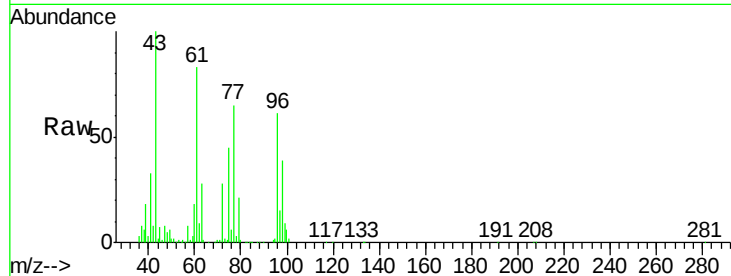
VSTDCCC050EC

Tot Ion: 43 Resp: 385923

Ion Ratio Lower Upper

43 100

72 28.0 21.4 32.0



#26

2,2-Dichloropropane

Concen: 47.306 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003073.D

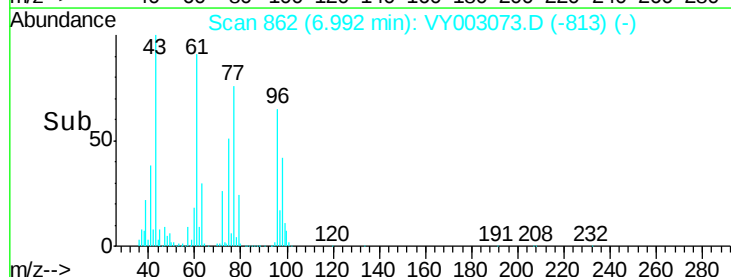
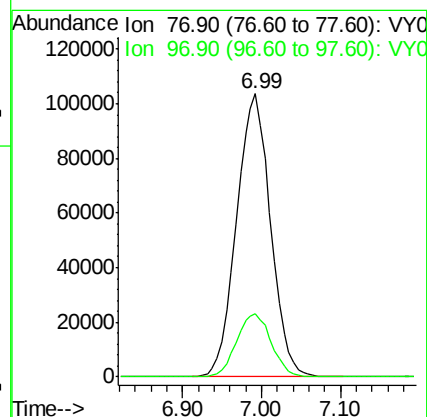
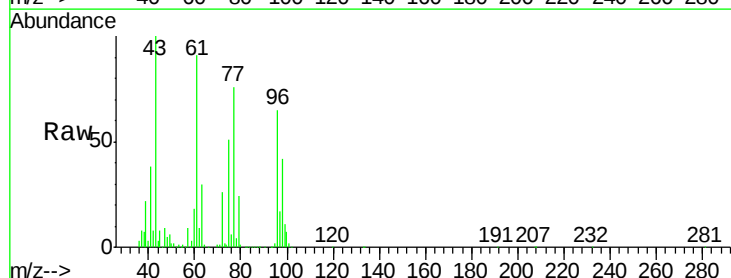
Acq: 01 Jul 2020 21:02

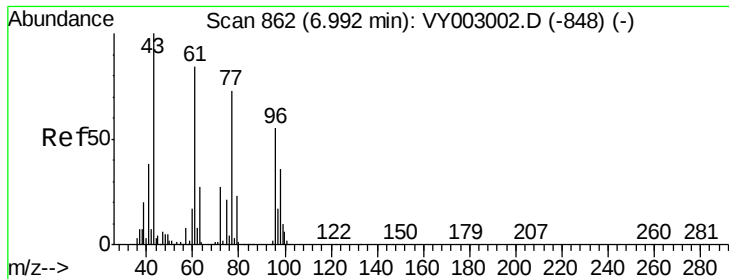
Tgt Ion: 77 Resp: 310105

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.9



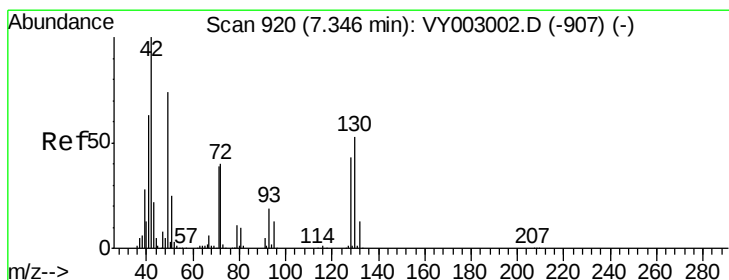
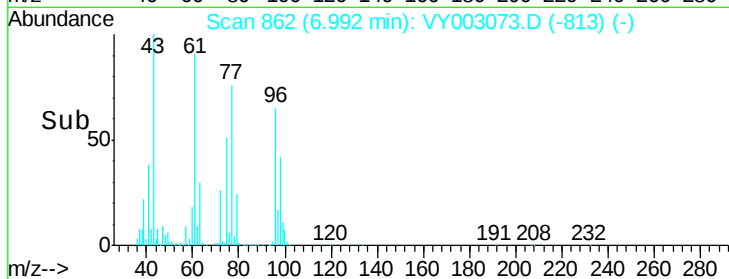
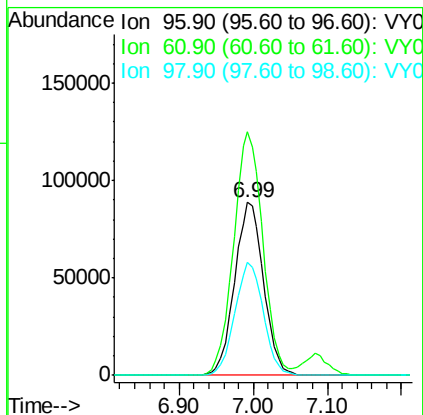
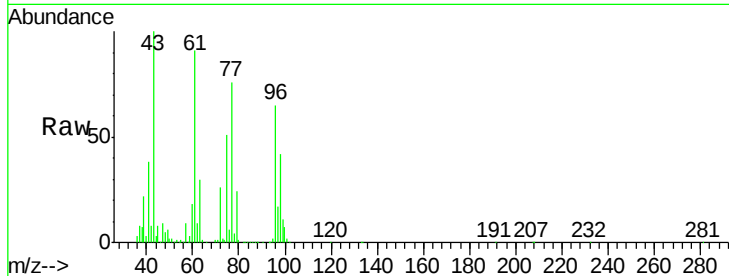


#27

cis-1,2-Dichloroethene
 Concen: 53.998 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

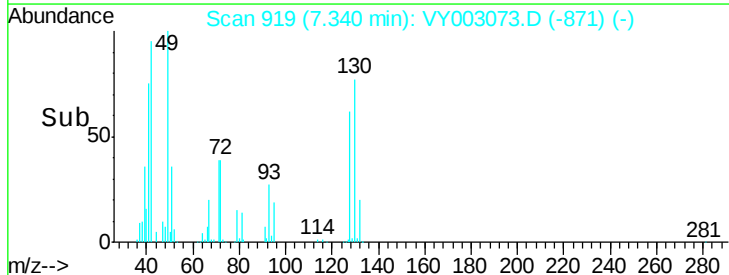
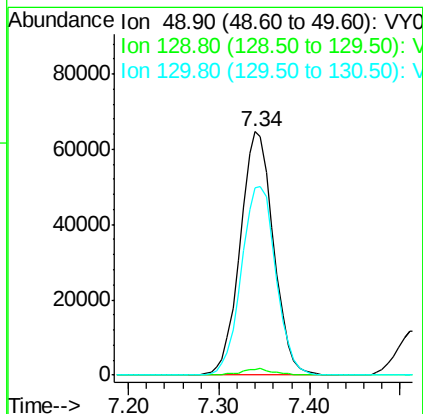
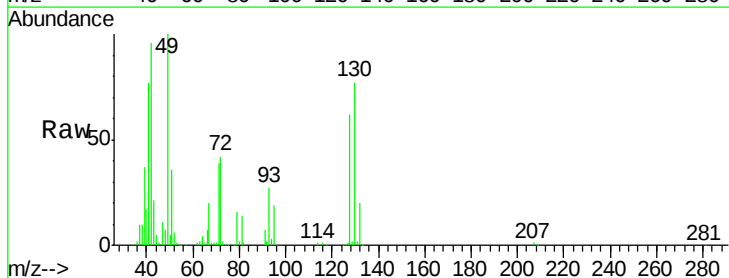
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	301.2
98	64.6	0.0	129.0

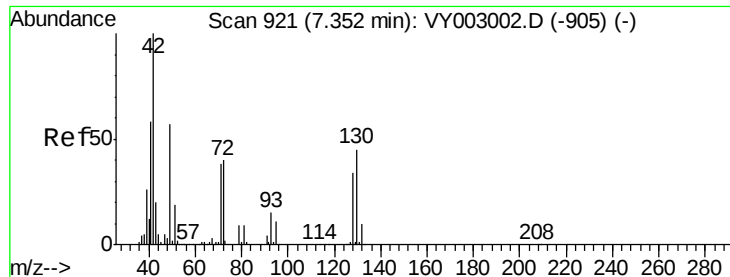


#28

Bromochloromethane
 Concen: 51.058 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	80.3	57.0	85.6





#29

Tetrahydrofuran

Concen: 260.496 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

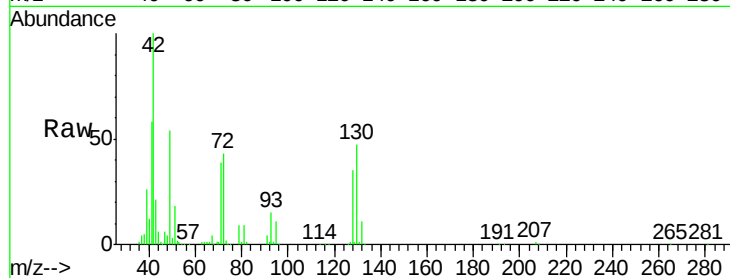
Tot Ion: 42 Resp: 262284

Ion Ratio Lower Upper

42 100

72 44.7 32.9 49.3

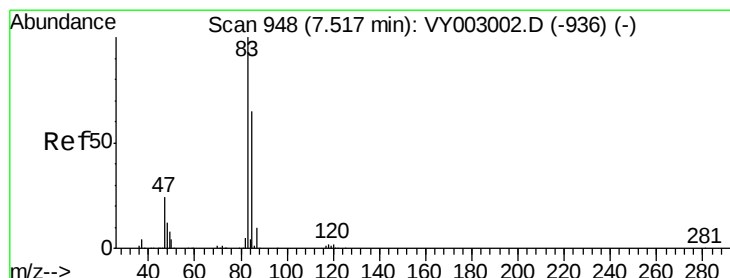
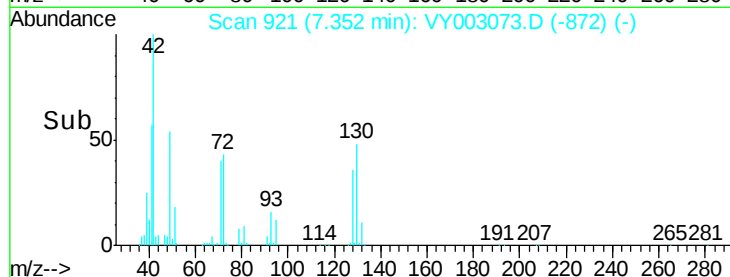
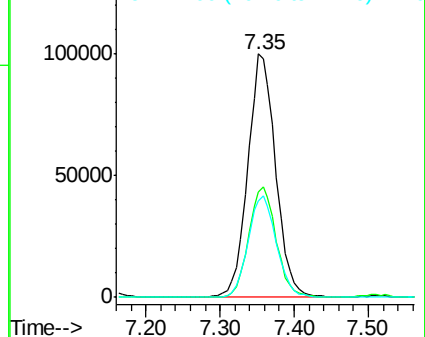
71 42.1 31.2 46.8



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: 53.357 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003073.D

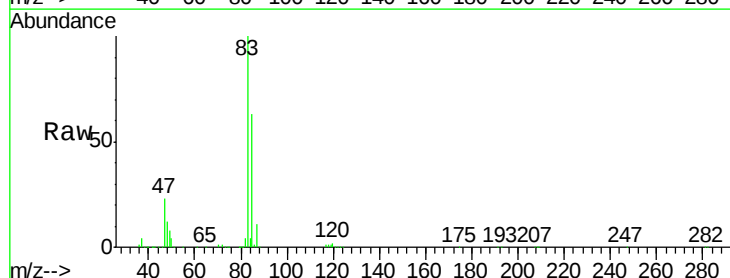
Acq: 01 Jul 2020 21:02

Tgt Ion: 83 Resp: 381389

Ion Ratio Lower Upper

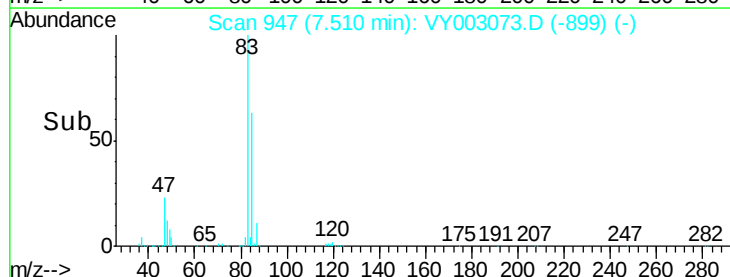
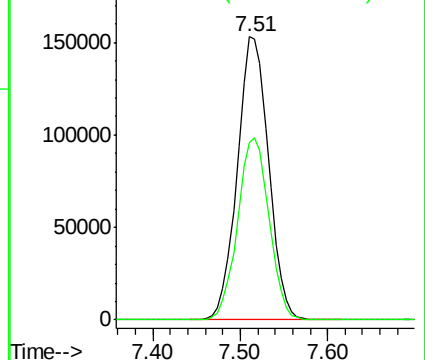
83 100

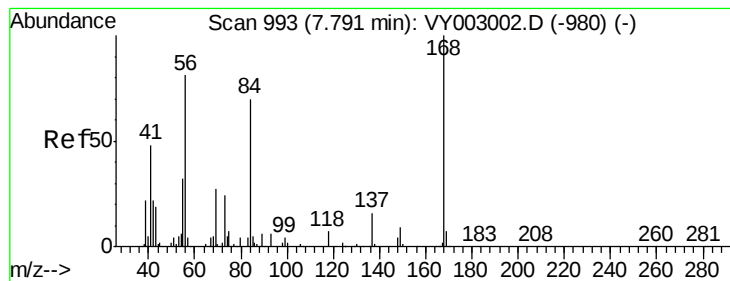
85 62.6 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 46.395 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

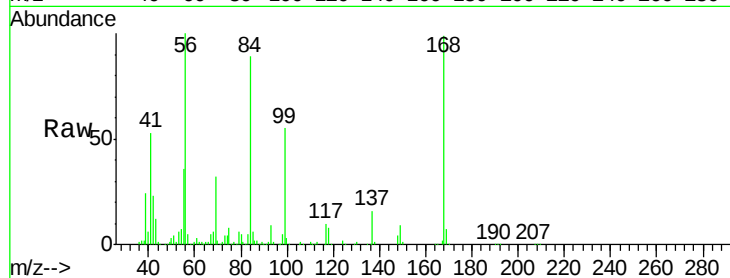
Tot Ion: 56 Resp: 329769

Ion Ratio Lower Upper

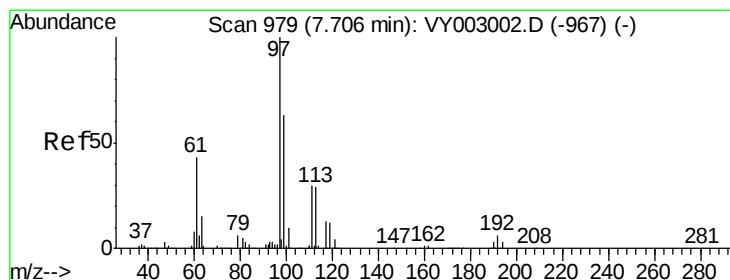
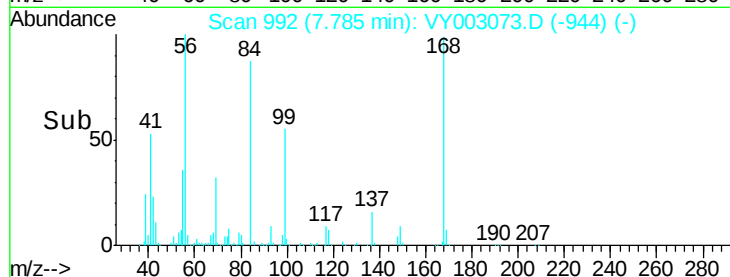
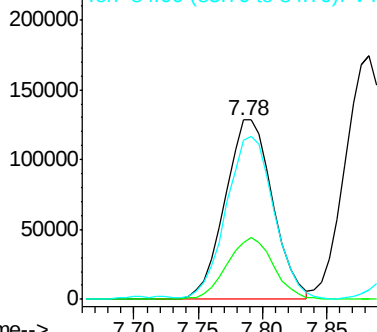
56 100

69 31.9 27.0 40.4

84 87.1 68.1 102.1



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



#32

1,1,1-Trichloroethane

Concen: 51.453 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

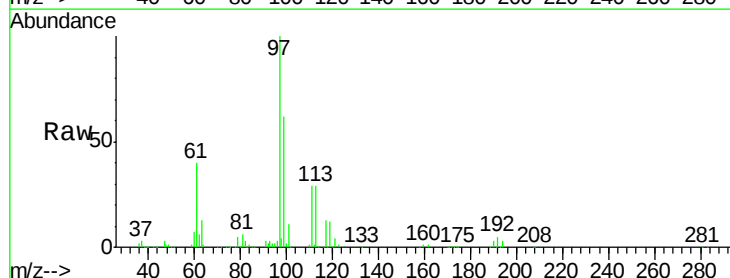
Tgt Ion: 97 Resp: 335705

Ion Ratio Lower Upper

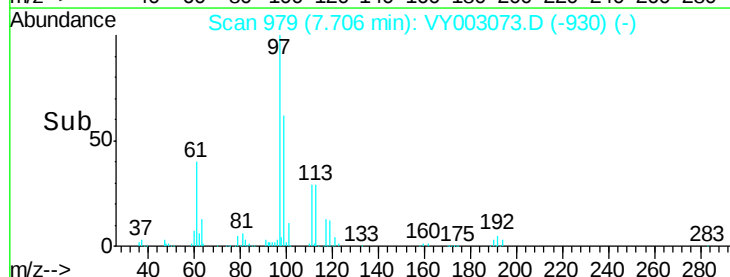
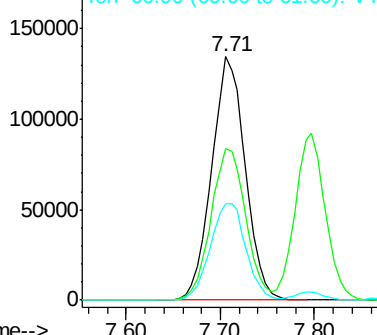
97 100

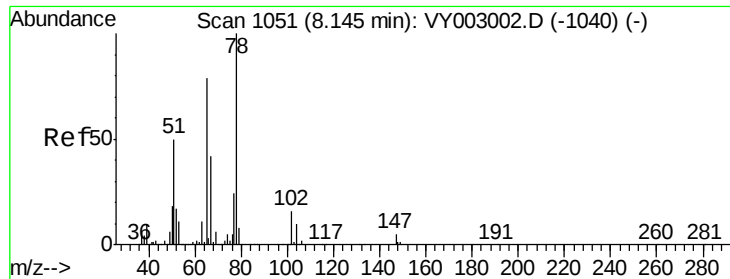
99 64.6 51.4 77.2

61 42.2 33.9 50.9



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

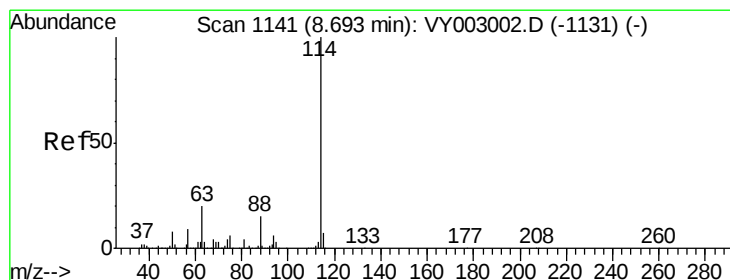
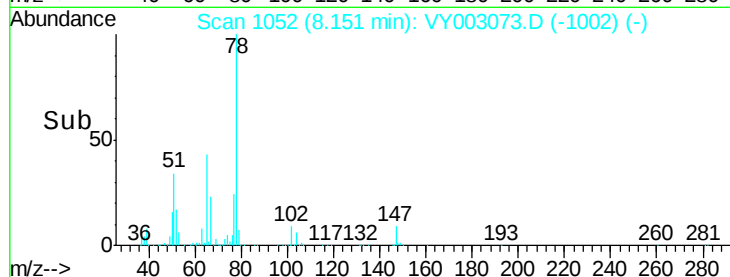
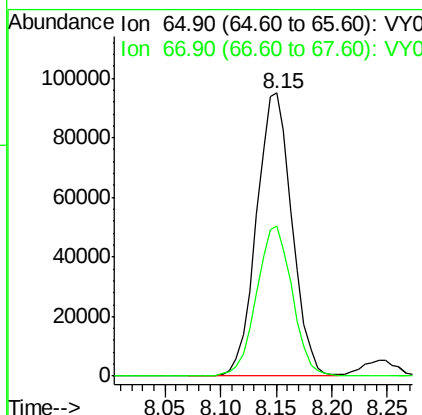
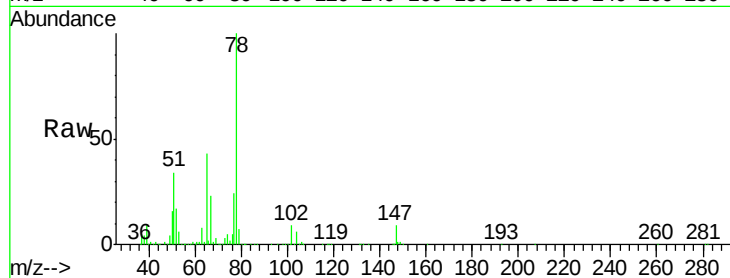




#33
 1,2-Dichloroethane-d4
 Concen: 52.060 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

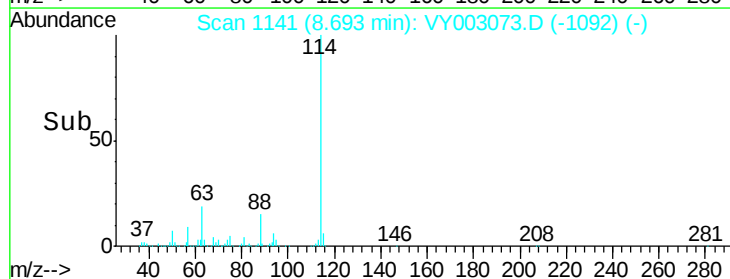
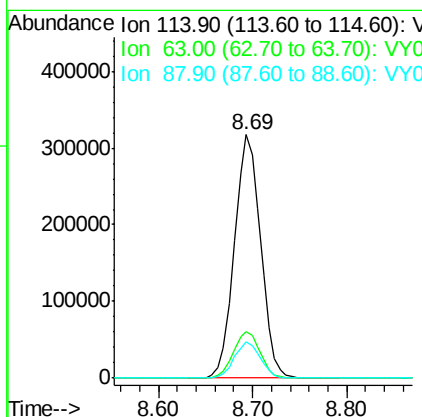
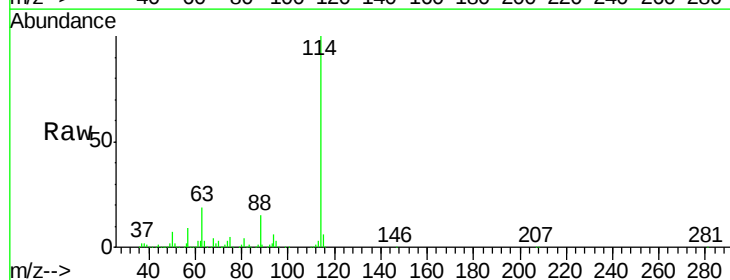
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

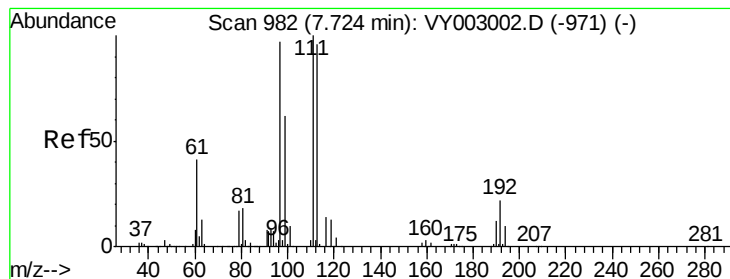
Tot Ion: 65 Resp: 210395
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion: 114 Resp: 612383
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.6
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.661 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

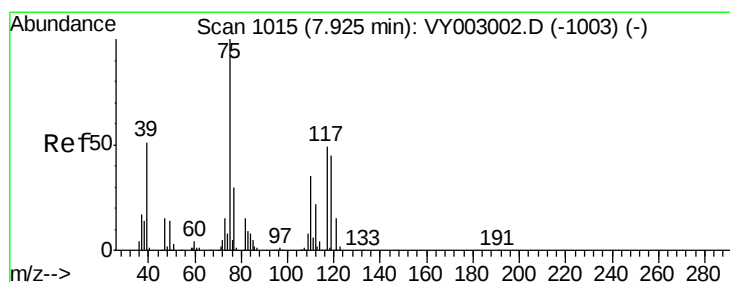
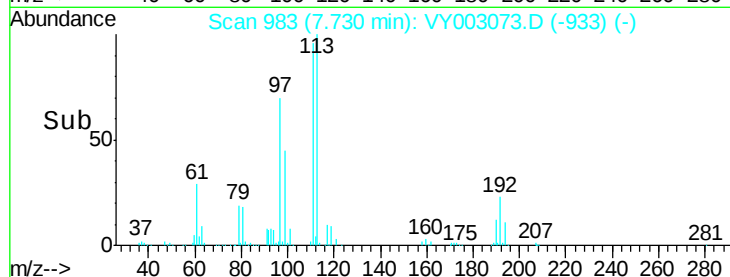
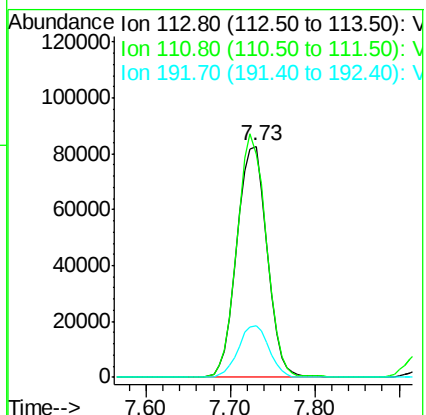
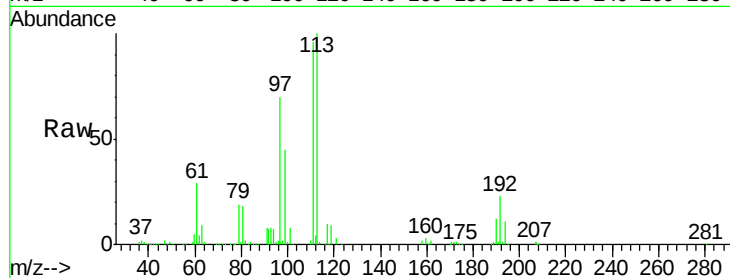
Tot Ion:113 Resp: 201174

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 22.7 18.1 27.1



#36

1,1-Dichloropropene

Concen: 49.760 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

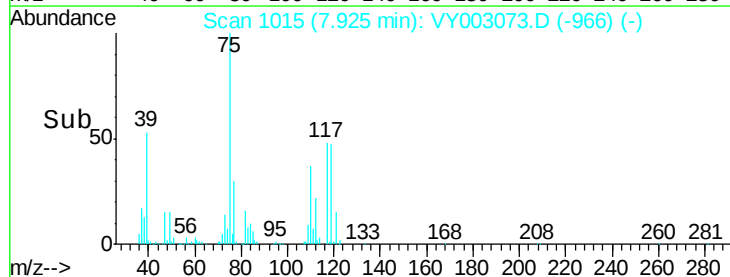
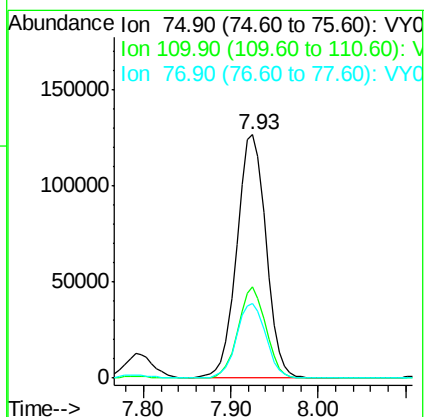
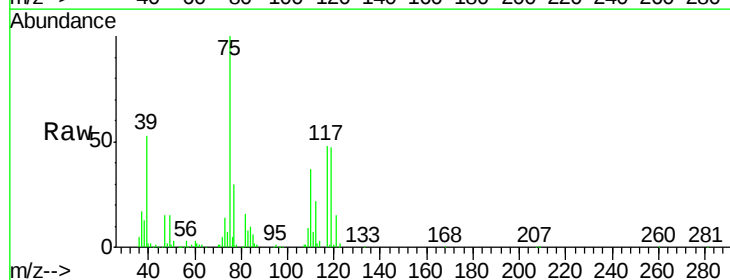
Tgt Ion: 75 Resp: 293520

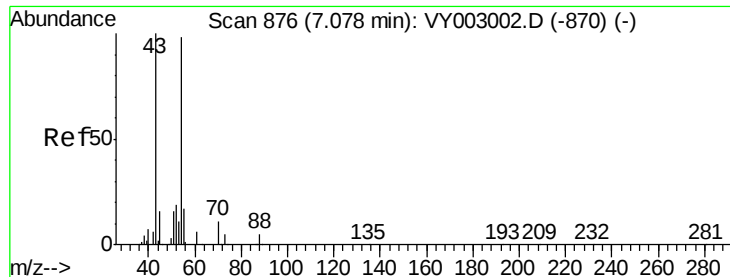
Ion Ratio Lower Upper

75 100

110 35.7 17.1 51.2

77 31.2 24.9 37.3

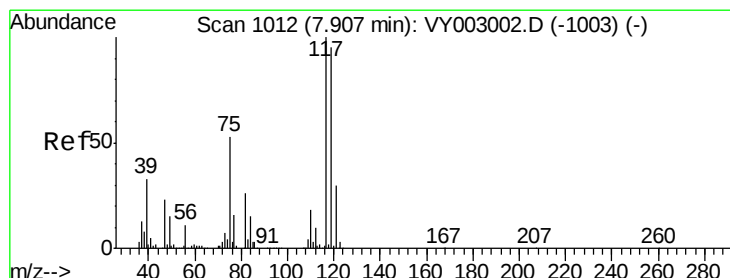
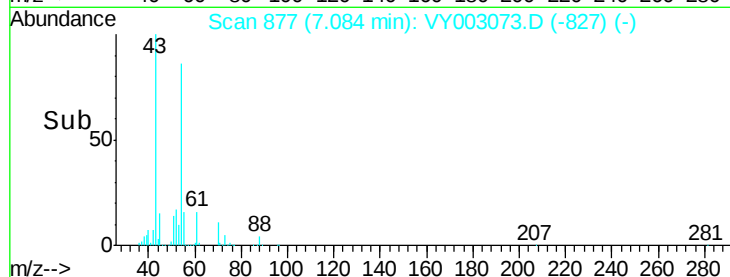
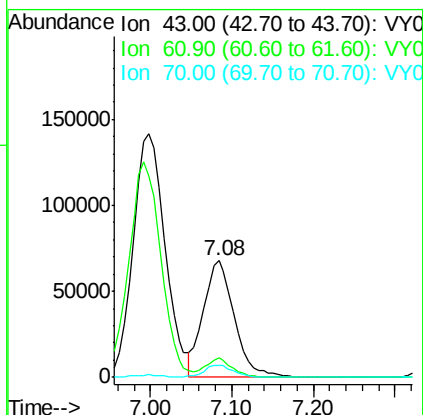
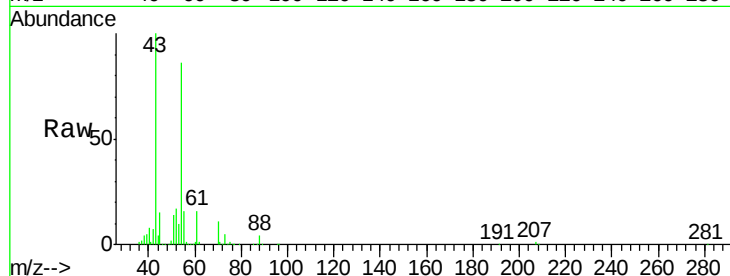




#37
Ethyl Acetate
Concen: 50.846 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

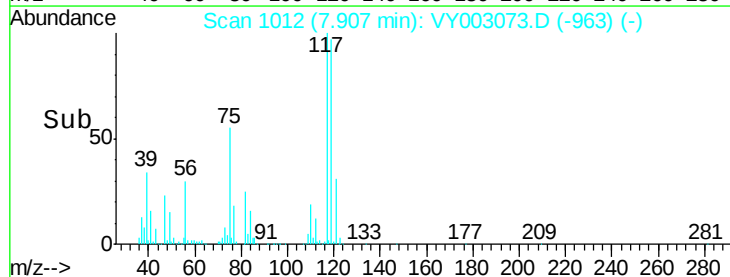
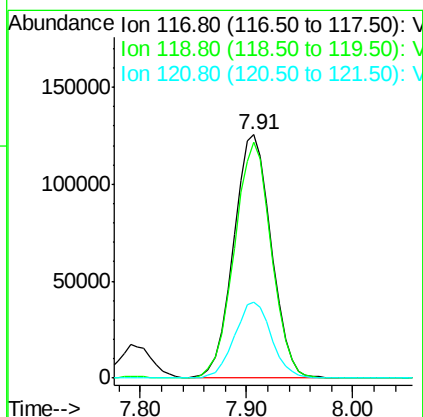
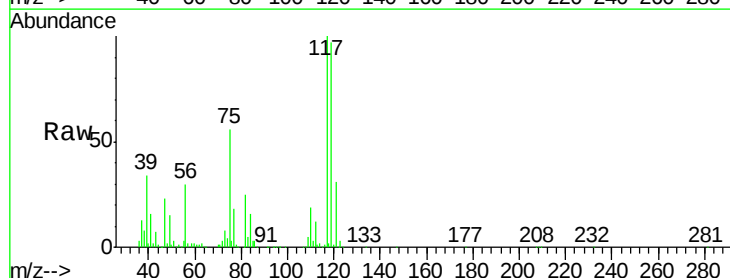
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

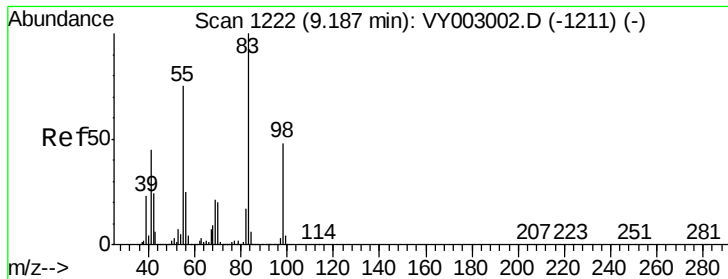
Tot Ion: 43 Resp: 180331
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 10.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.839 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 117 Resp: 312012
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5
121 31.3 23.9 35.9

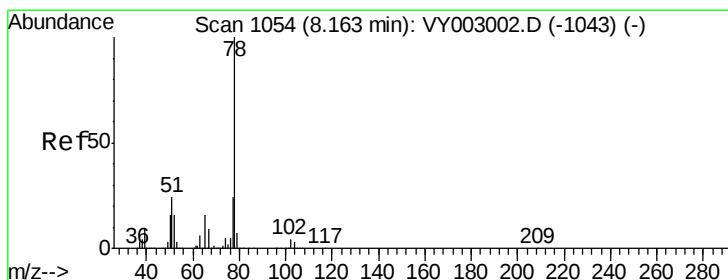
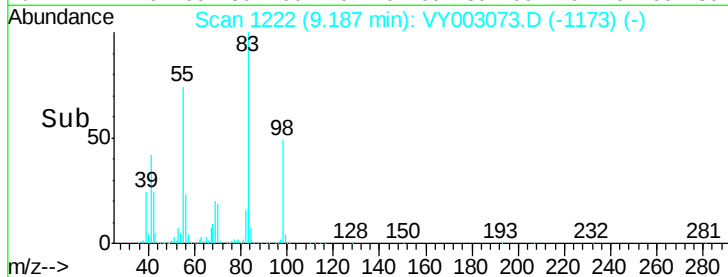
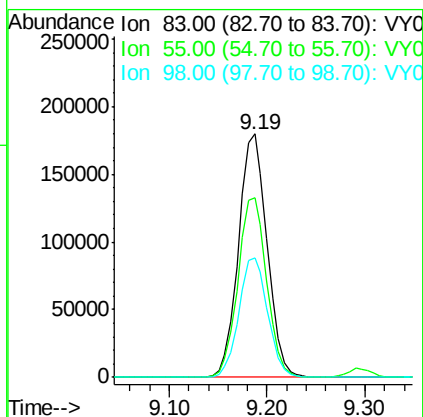
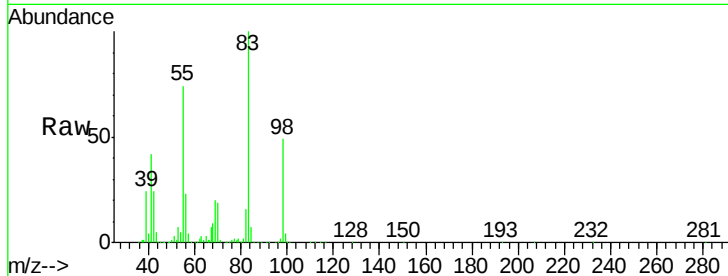




#39
Methvlcvclohexane
Concen: 49.818 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

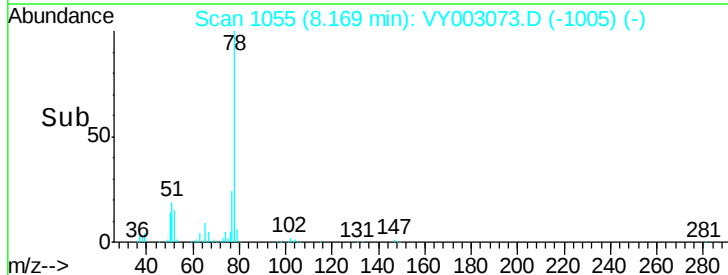
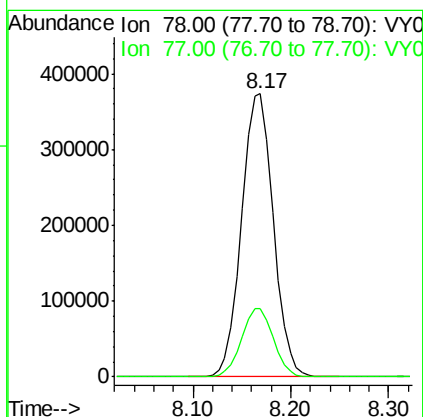
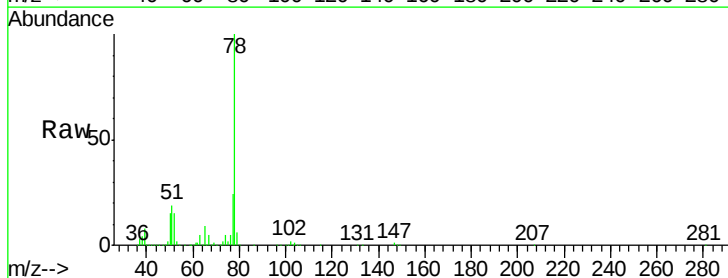
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

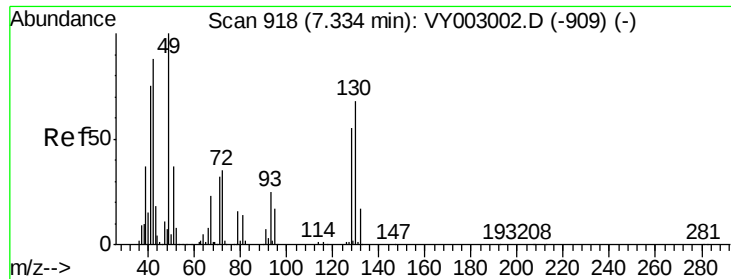
Tot Ion	83	Resp	364349
Ion	Ratio	Lower	Upper
83	100		
55	73.8	59.9	89.9
98	49.2	38.7	58.1



#40
Benzene
Concen: 52.063 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	78	Resp	840774
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8

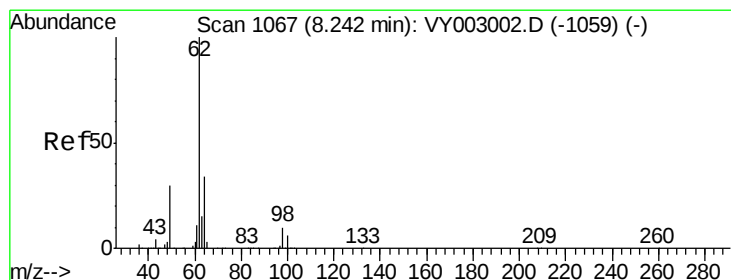
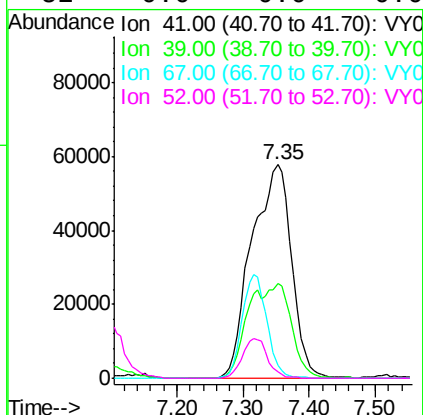
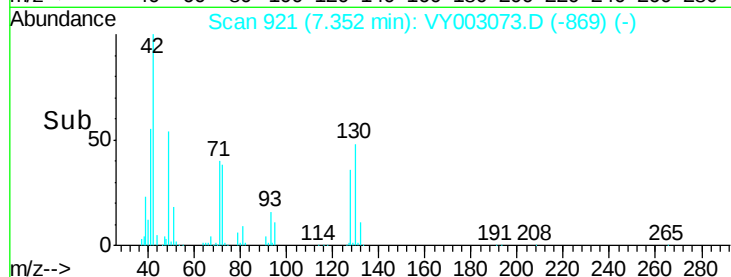
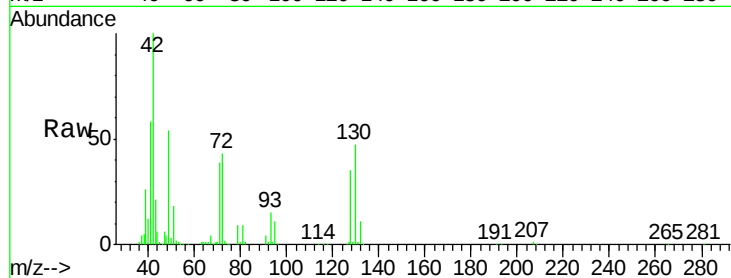




#41
Methacrylonitrile
Concen: 127.531 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

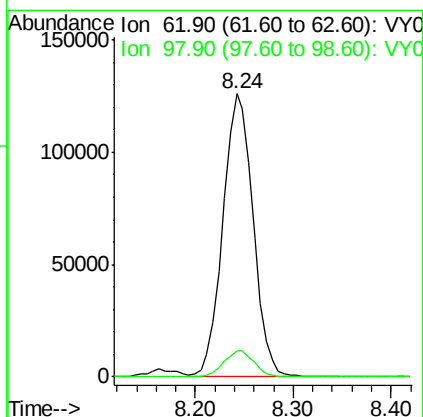
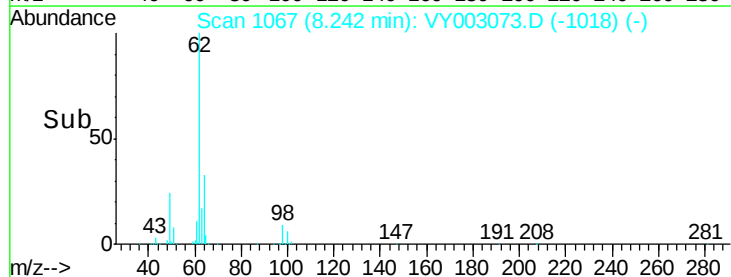
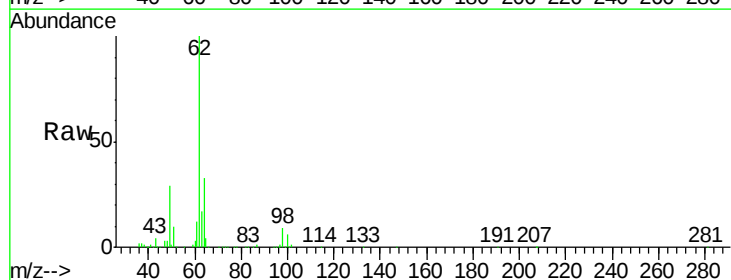
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

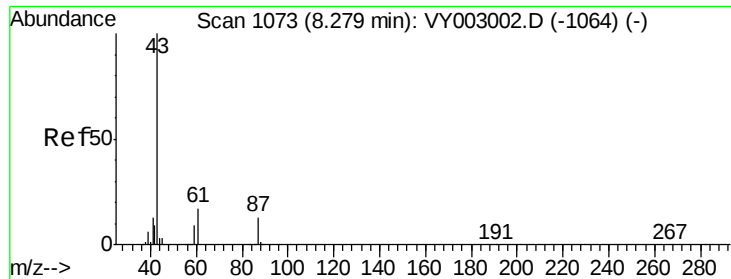
Tot Ion: 41 Resp: 241612
Ion Ratio Lower Upper
41 100
39 0.0 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.894 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 62 Resp: 270227
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 51.106 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

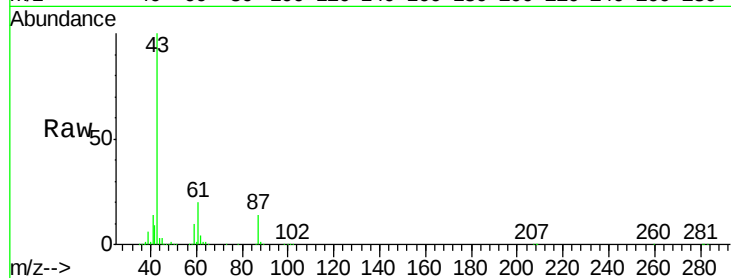
Tot Ion: 43 Resp: 344575

Ion Ratio Lower Upper

43 100

61 28.9 21.8 32.6

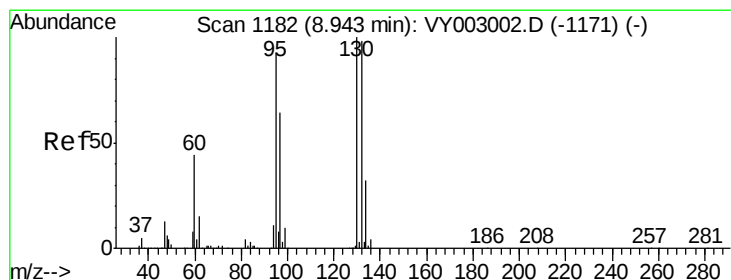
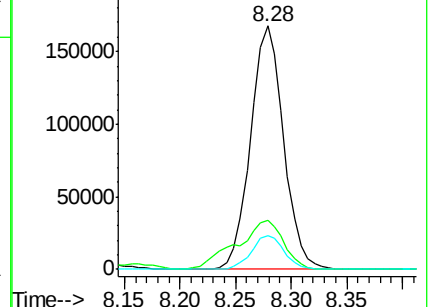
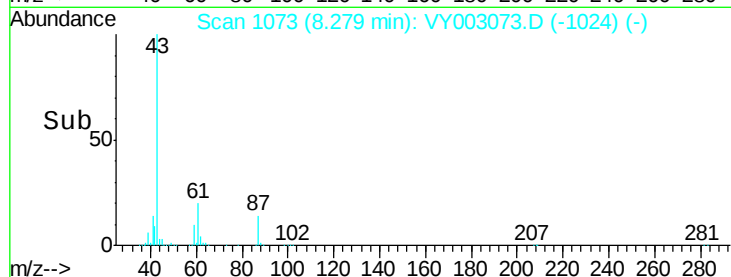
87 13.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003073.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003073.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003073.D (-1024) (-)



#44

Trichloroethene

Concen: 52.794 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003073.D

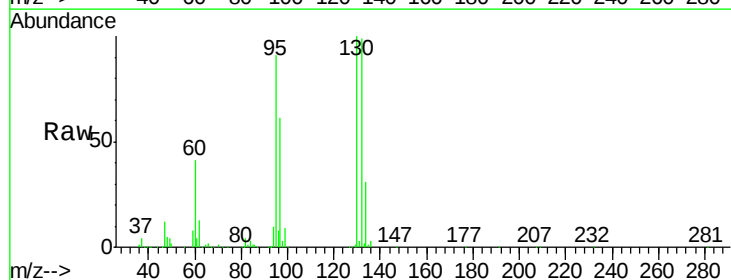
Acq: 01 Jul 2020 21:02

Tgt Ion: 130 Resp: 247807

Ion Ratio Lower Upper

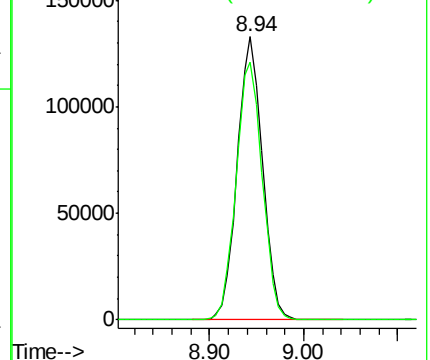
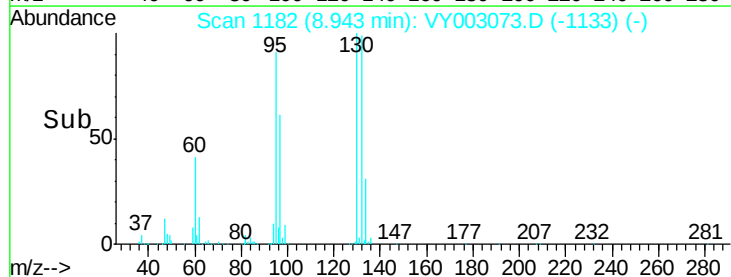
130 100

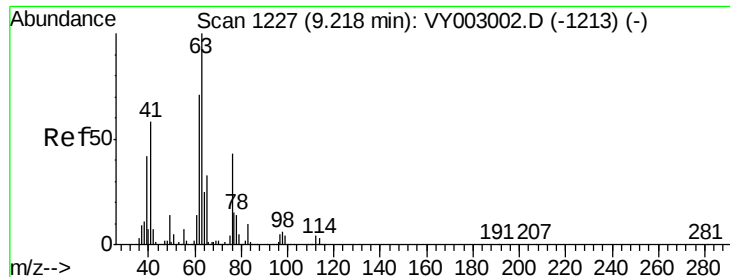
95 91.2 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003073.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003073.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 50.894 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

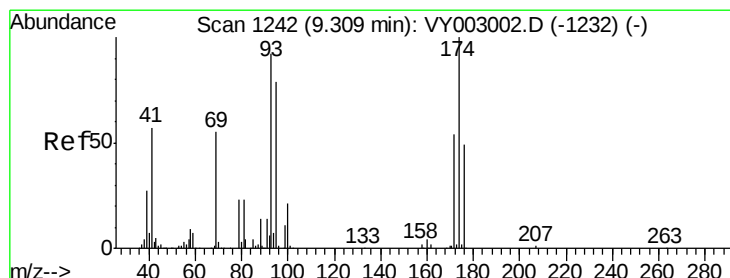
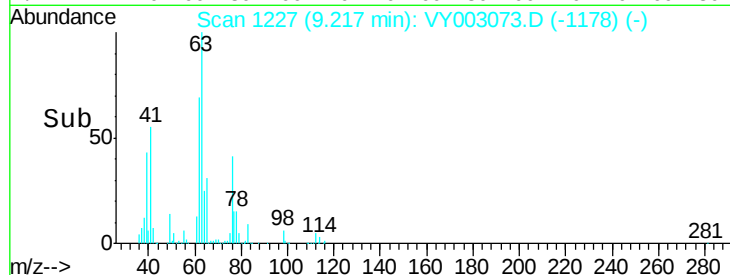
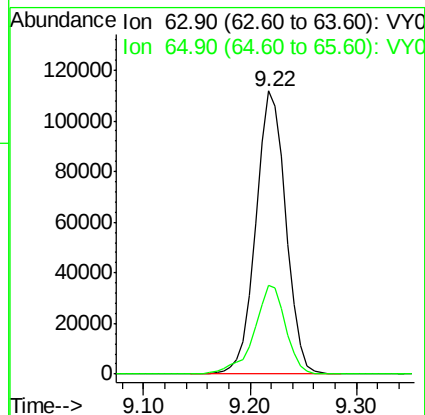
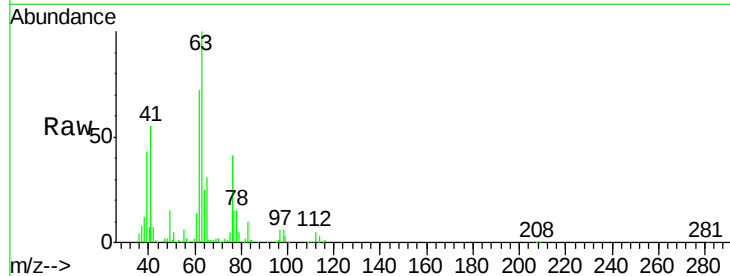
VSTDCCC050EC

Tot Ion: 63 Resp: 221117

Ion Ratio Lower Upper

63 100

65 31.4 26.2 39.4



#46

Dibromomethane

Concen: 54.206 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

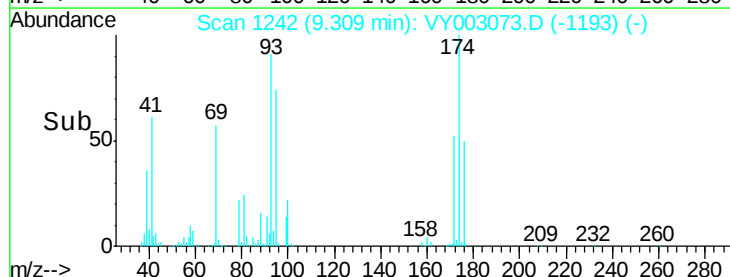
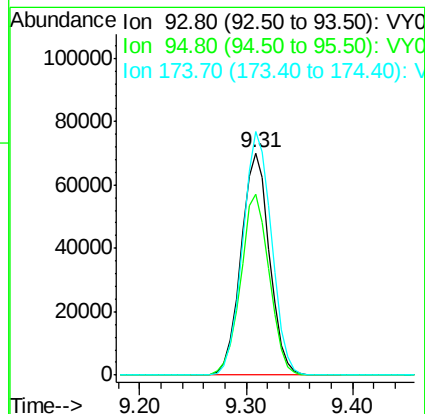
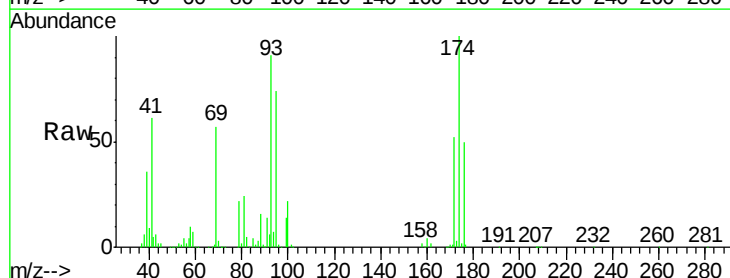
Tgt Ion: 93 Resp: 131534

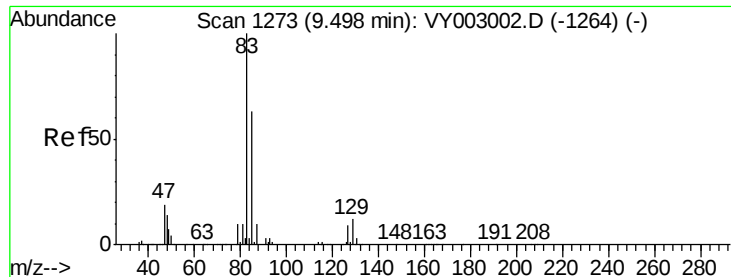
Ion Ratio Lower Upper

93 100

95 81.7 67.6 101.4

174 110.9 88.3 132.5

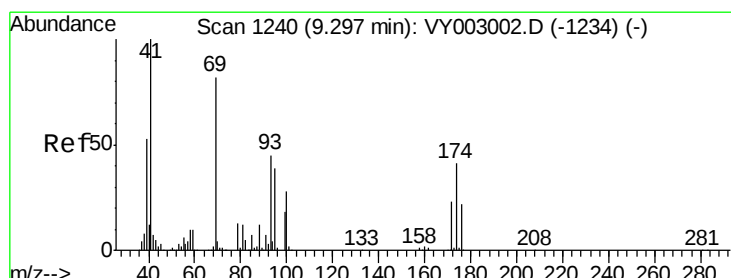
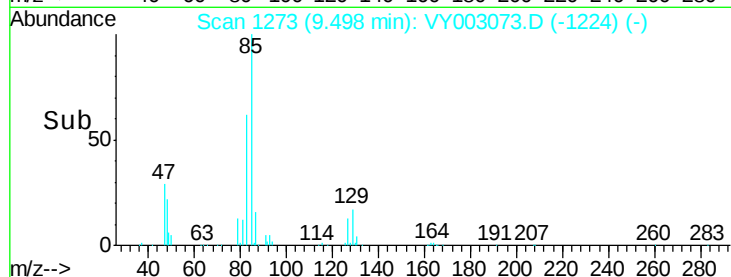
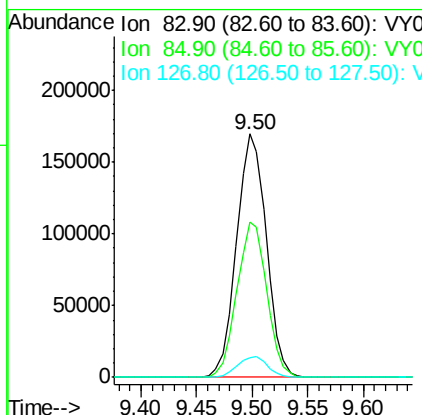
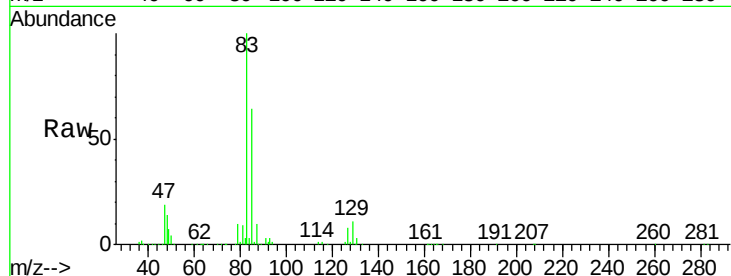




#47
 Bromodichloromethane
 Concen: 52.855 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

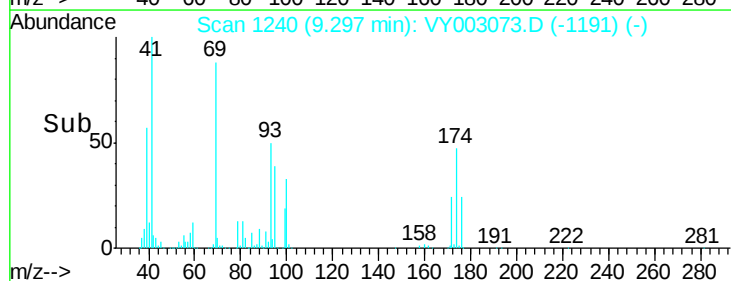
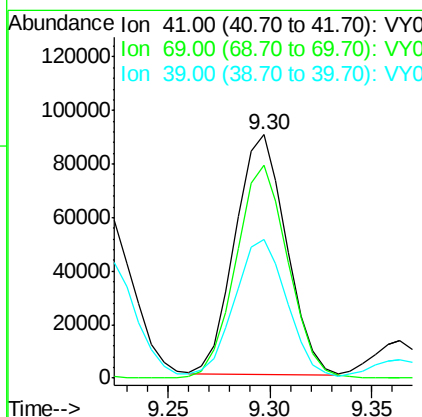
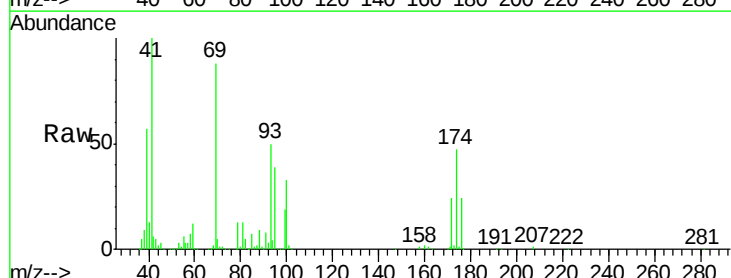
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

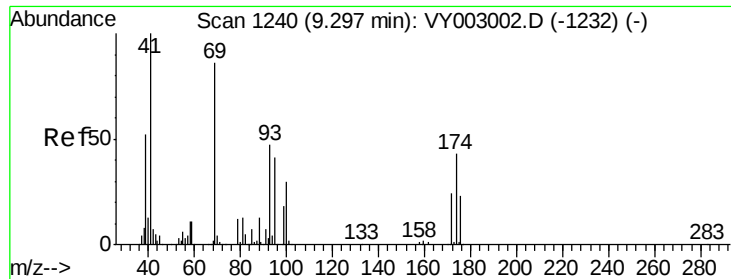
Tot Ion: 83 Resp: 314053
 Ion Ratio Lower Upper
 83 100
 85 63.8 50.5 75.7
 127 8.2 7.0 10.4



#48
 Methyl methacrylate
 Concen: 51.003 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion: 41 Resp: 156525
 Ion Ratio Lower Upper
 41 100
 69 90.0 67.7 101.5
 39 59.6 45.0 67.4

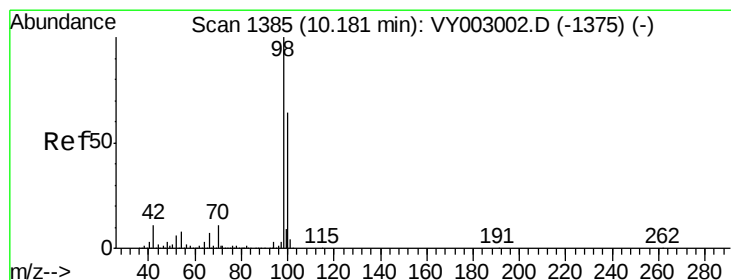
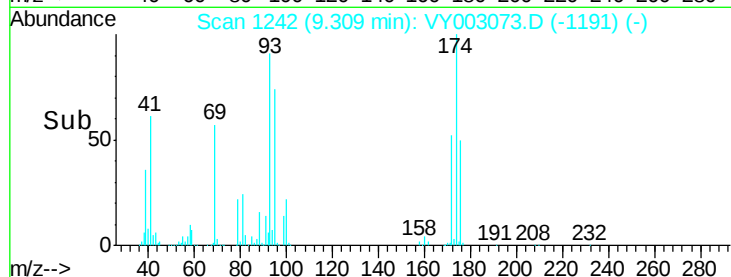
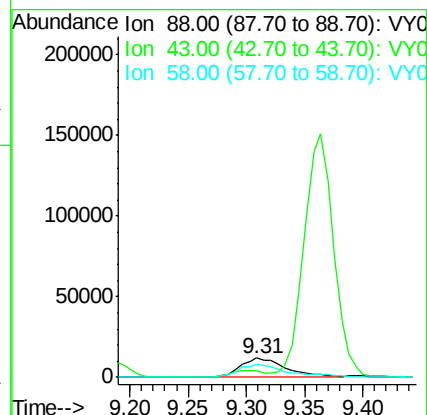
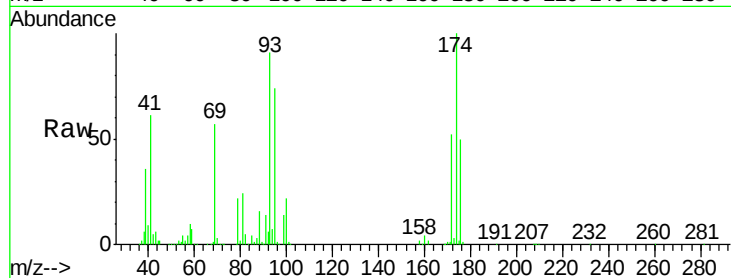




#49
1,4-Dioxane
Concen: 1104.069 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

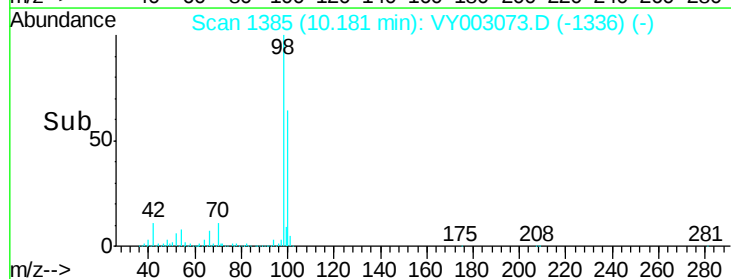
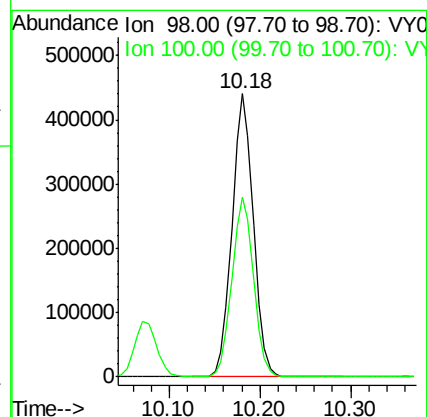
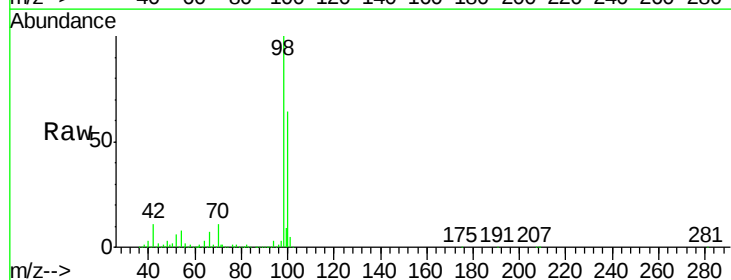
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

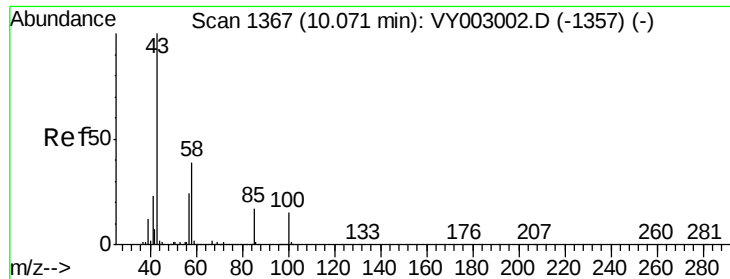
Tot Ion: 88 Resp: 32704
Ion Ratio Lower Upper
88 100
43 29.0 28.6 42.8
58 72.7 56.7 85.1



#50
Toluene-d8
Concen: 51.101 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 98 Resp: 727261
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7

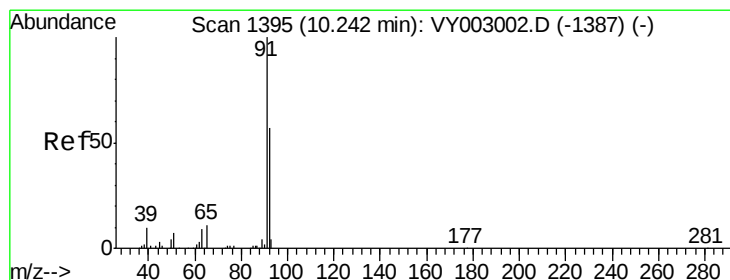
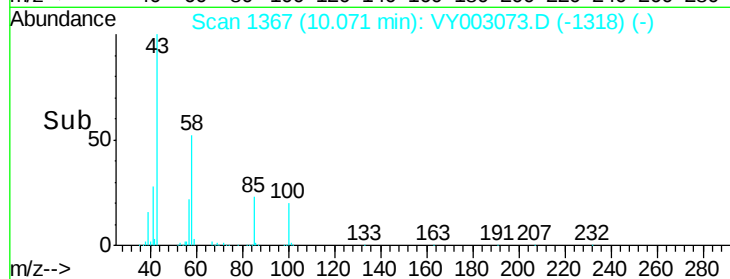
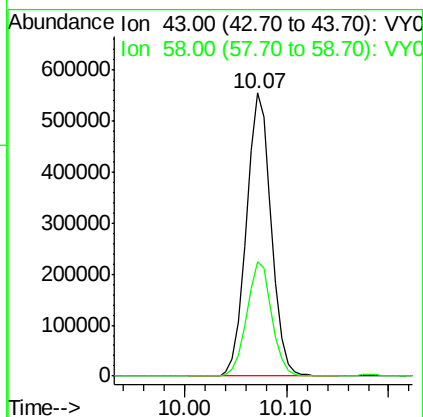
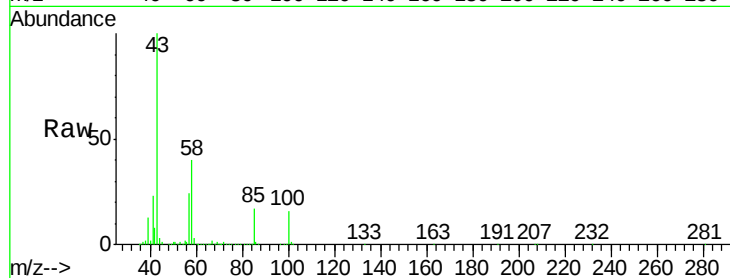




#51
4-Methyl-2-Pentanone
Concen: 268.964 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

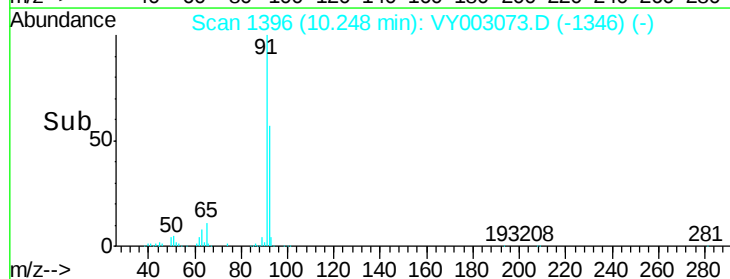
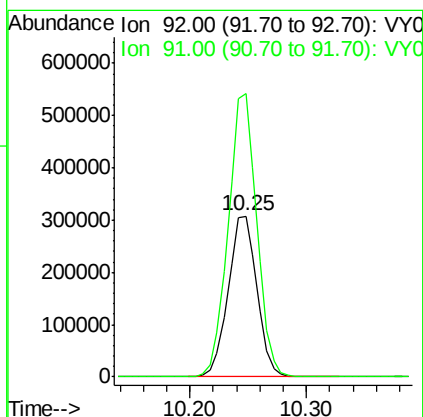
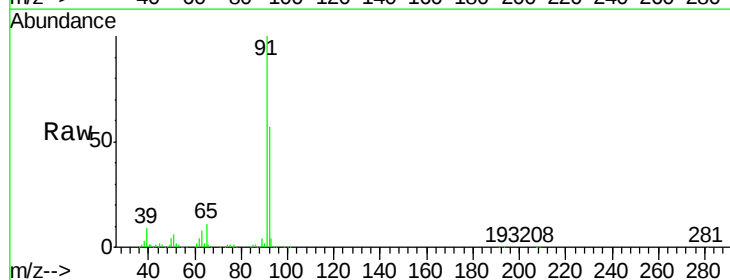
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

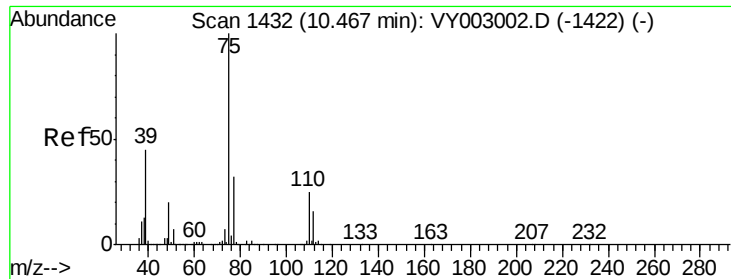
Tot Ion: 43 Resp: 937289
Ion Ratio Lower Upper
43 100
58 40.8 31.1 46.7



#52
Toluene
Concen: 51.817 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 92 Resp: 526771
Ion Ratio Lower Upper
92 100
91 174.9 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 52.319 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

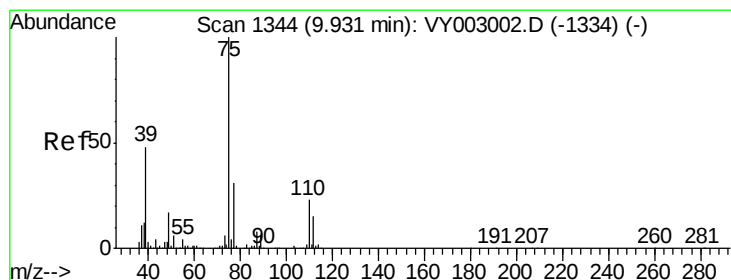
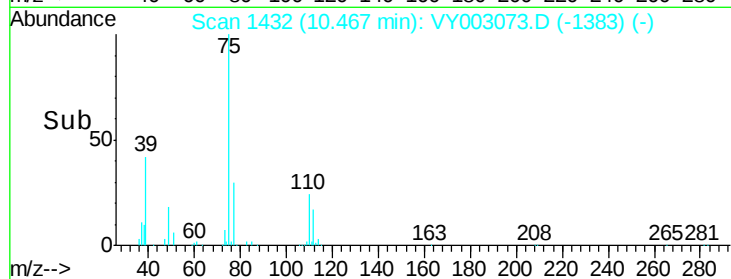
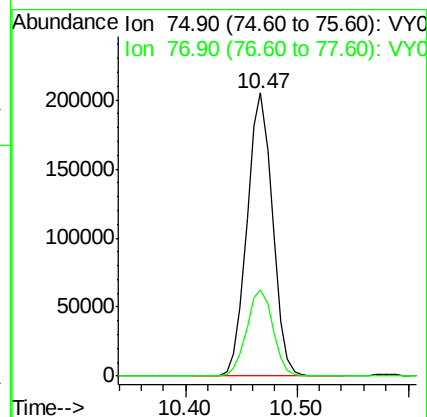
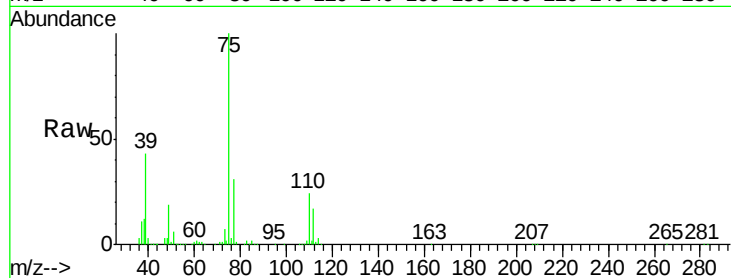
VSTDCCC050EC

Tot Ion: 75 Resp: 325925

Ion Ratio Lower Upper

75 100

77 30.6 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 50.818 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

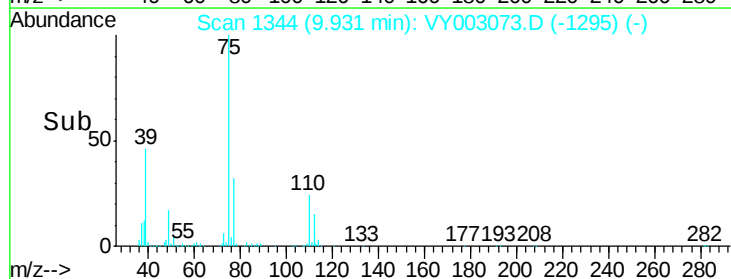
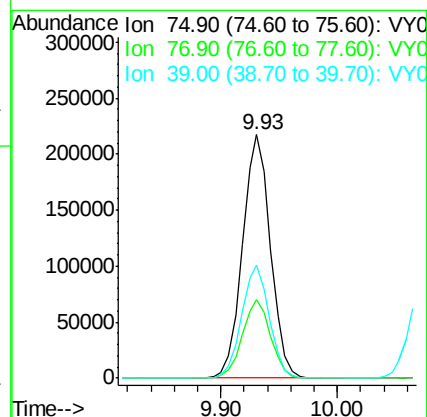
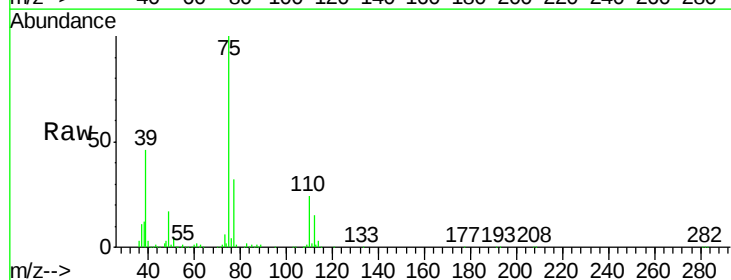
Tgt Ion: 75 Resp: 362056

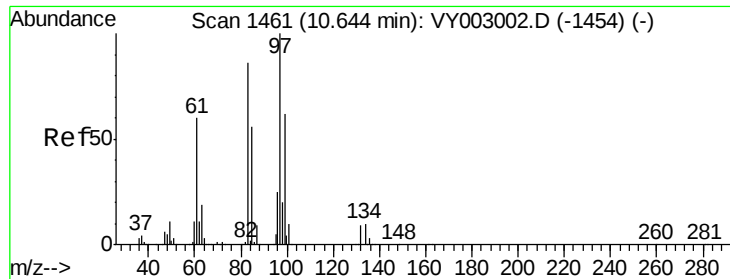
Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0

39 46.4 38.3 57.5



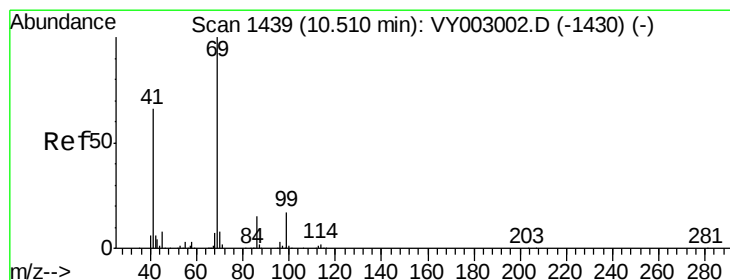
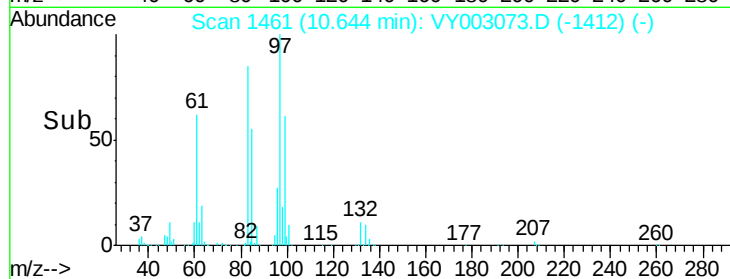
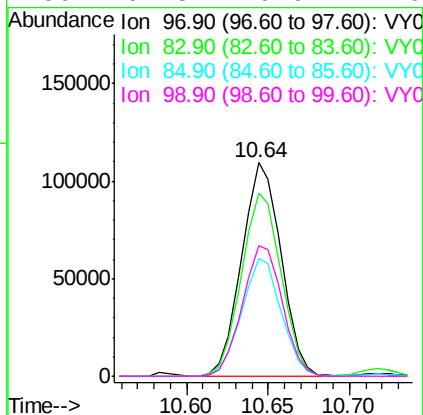
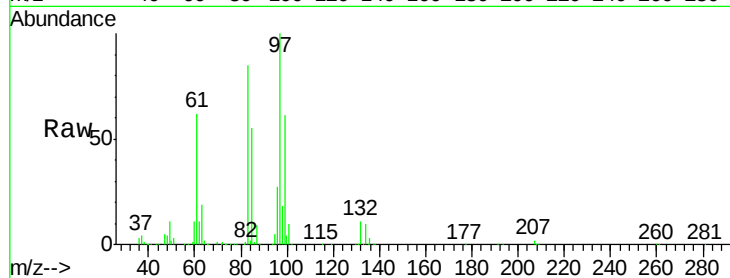


#55
 1,1,2-Trichloroethane
 Concen: 54.783 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 184728

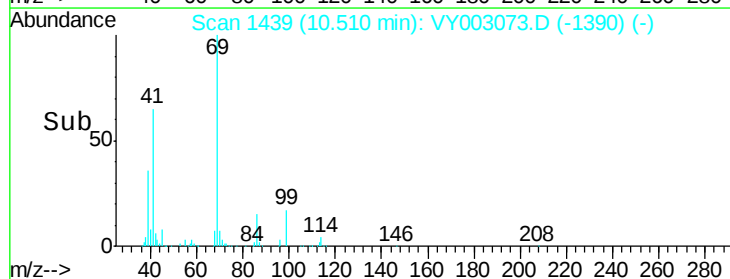
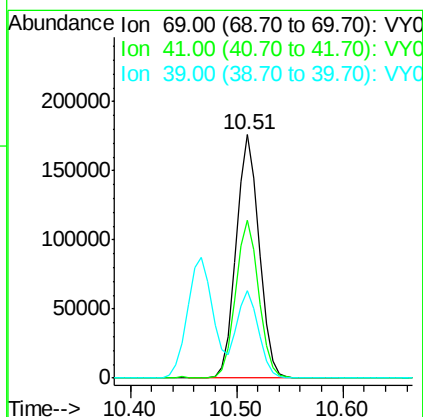
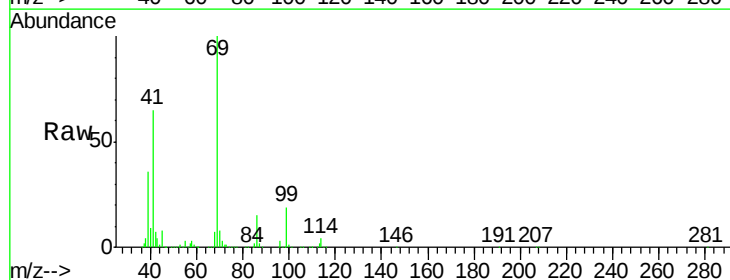
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.0	103.6
85	55.3	44.8	67.2
99	61.3	49.9	74.9

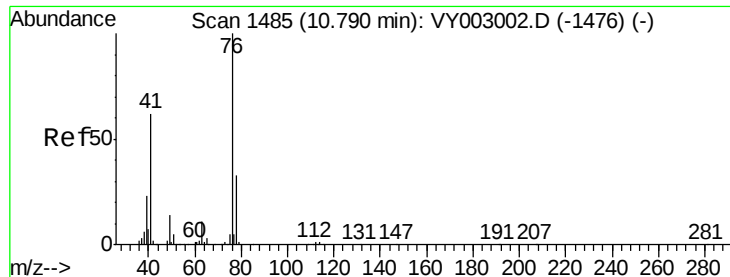


#56
 Ethyl methacrylate
 Concen: 54.939 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion: 69 Resp: 268162

Ion	Ratio	Lower	Upper
69	100		
41	64.7	53.7	80.5
39	33.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 53.164 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

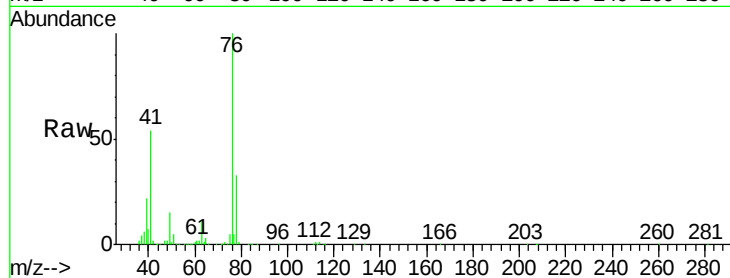
VSTDCCC050EC

Tot Ion: 76 Resp: 314704

Ion Ratio Lower Upper

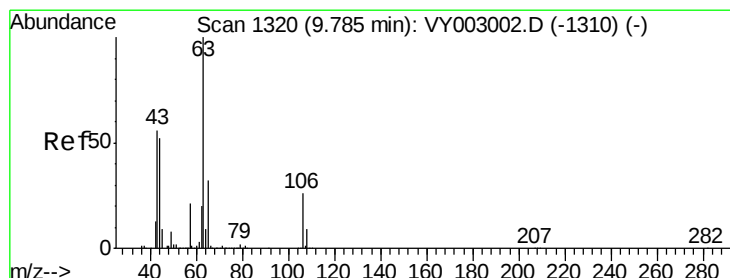
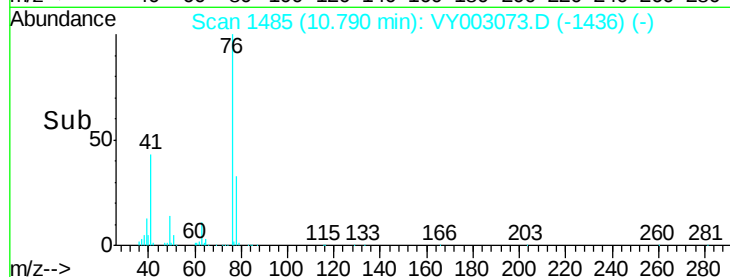
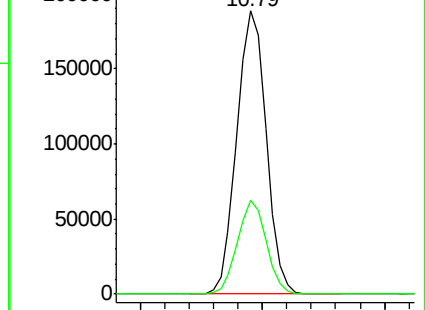
76 100

78 32.3 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 269.722 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003073.D

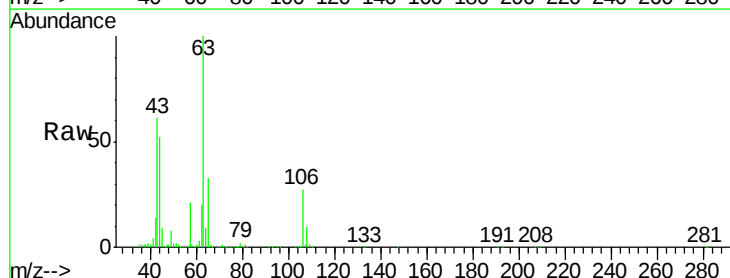
Acq: 01 Jul 2020 21:02

Tgt Ion: 63 Resp: 675217

Ion Ratio Lower Upper

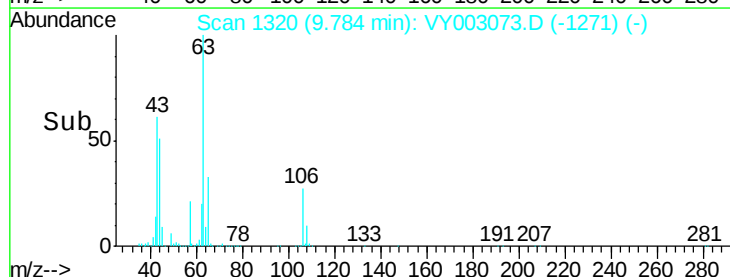
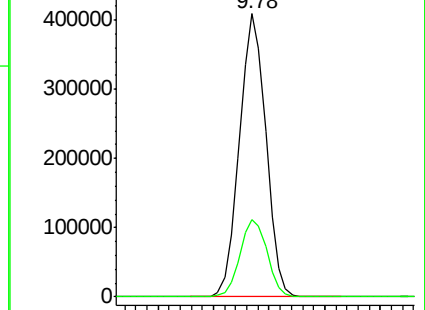
63 100

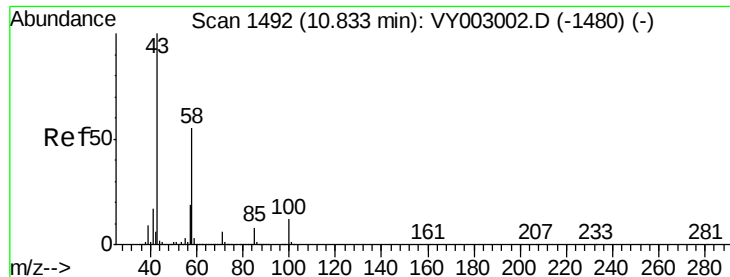
106 28.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

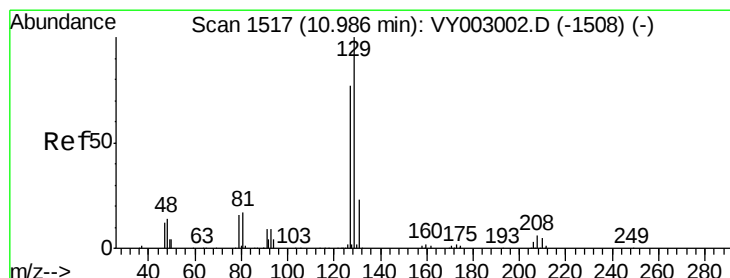
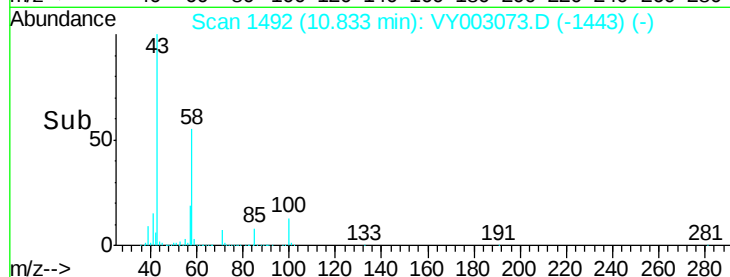
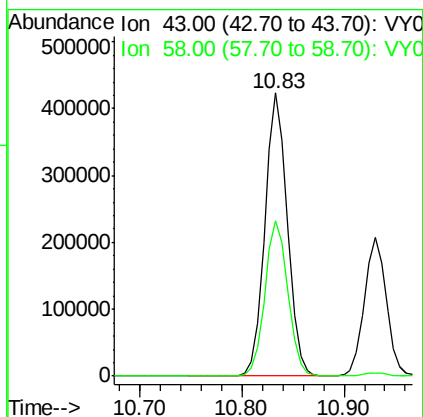
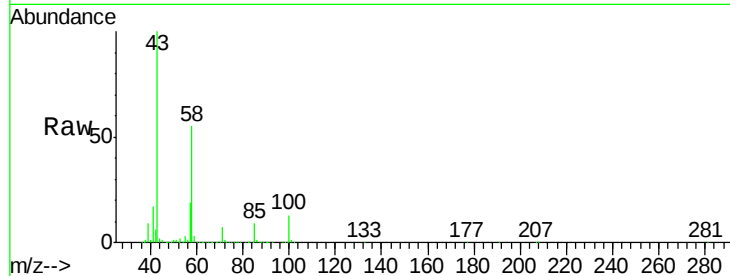




#59
2-Hexanone
Concen: 266.287 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

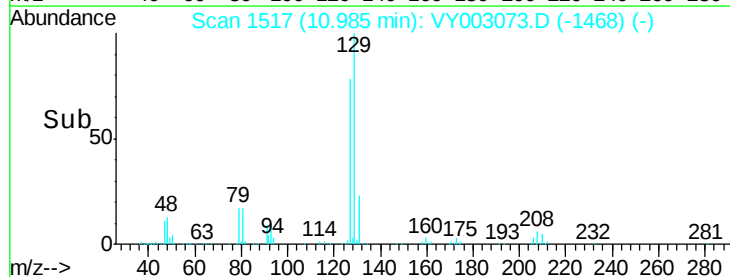
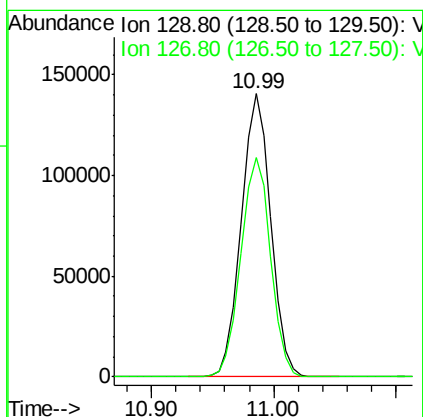
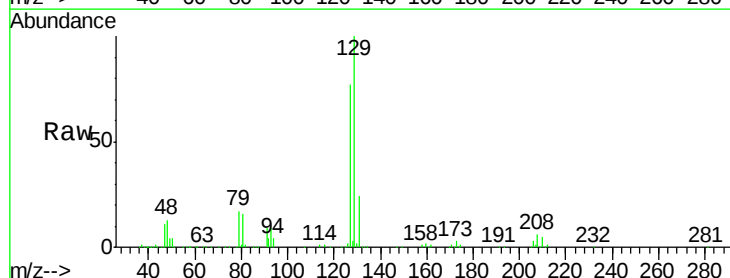
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

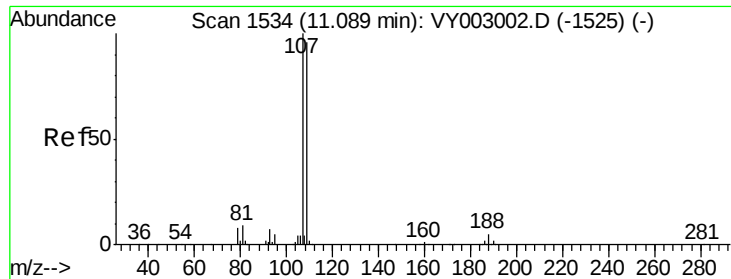
Tot Ion: 43 Resp: 648611
Ion Ratio Lower Upper
43 100
58 55.9 27.5 82.4



#60
Dibromochloromethane
Concen: 54.369 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 129 Resp: 234614
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3

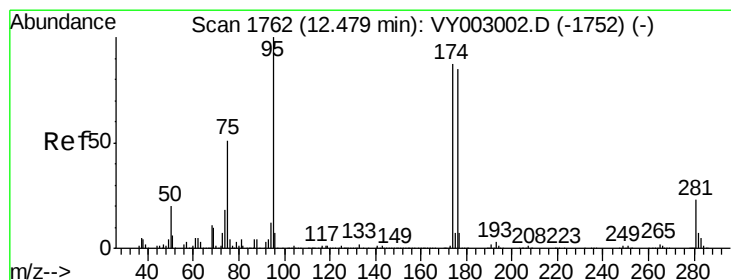
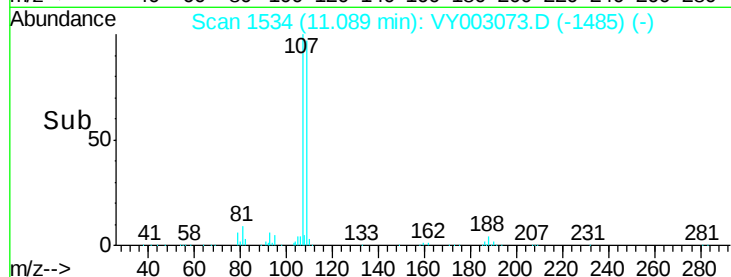
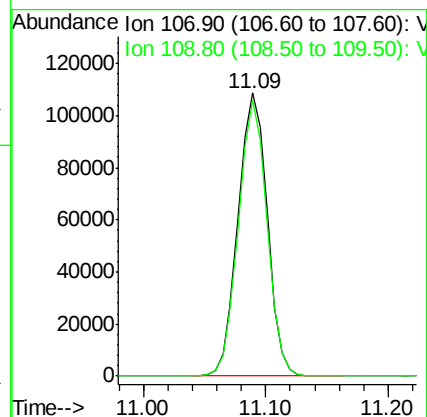
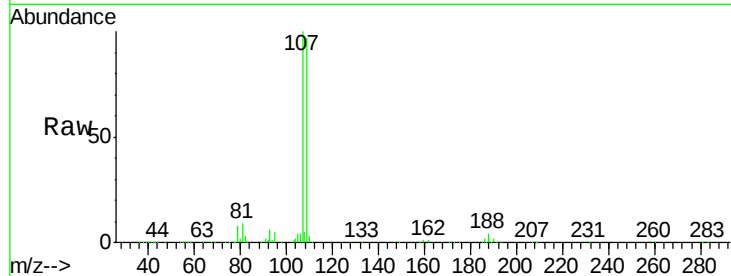




#61
 1,2-Dibromoethane
 Concen: 54.019 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

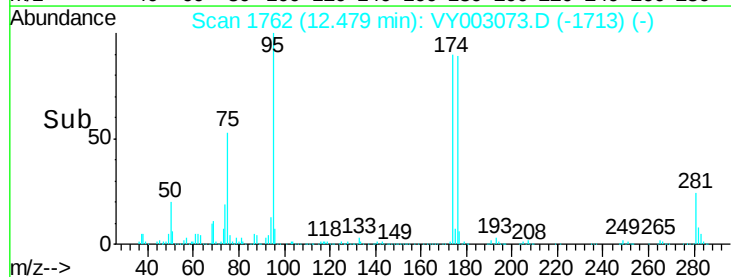
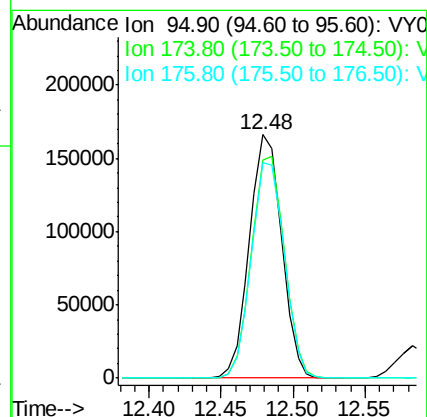
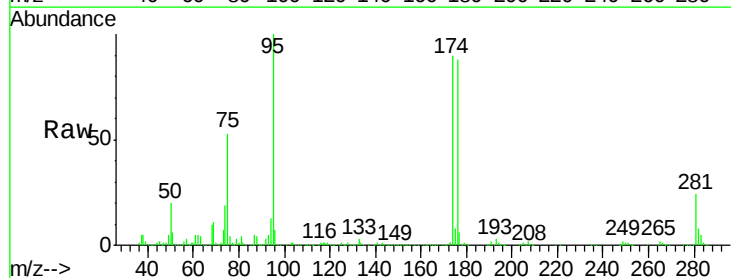
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

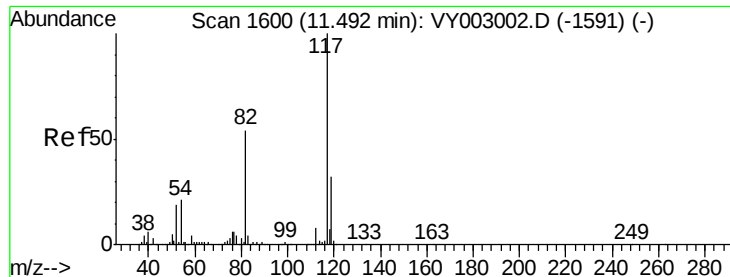
Tot Ion: 107 Resp: 179575
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.416 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion: 95 Resp: 257572
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 184.8
 176 90.6 0.0 183.0

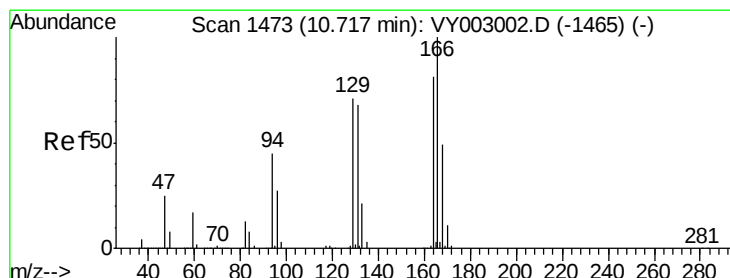
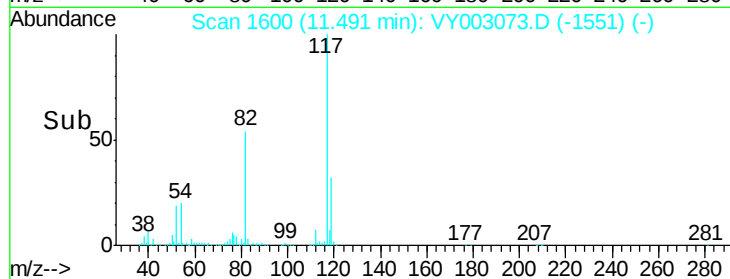
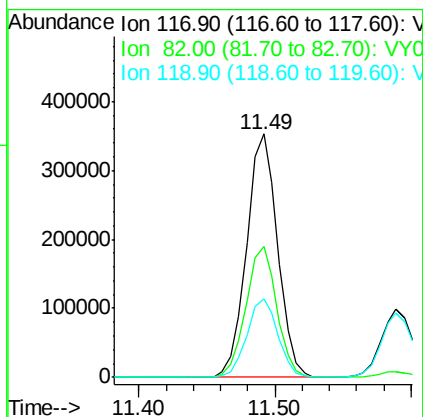
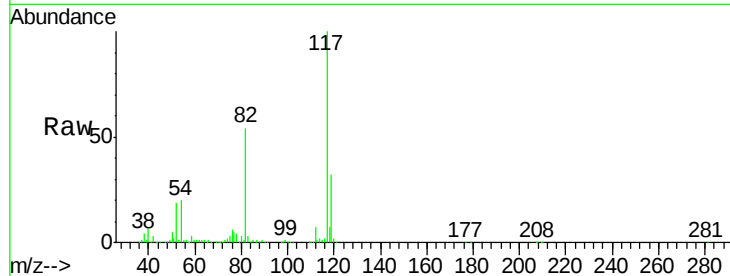




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

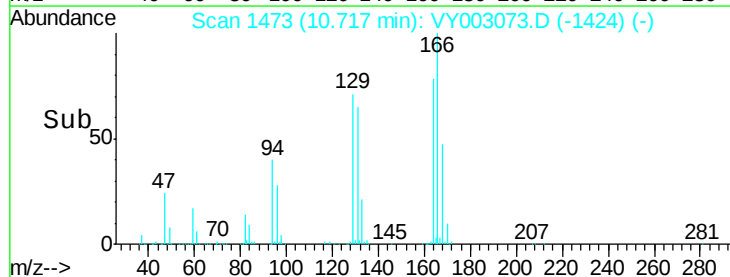
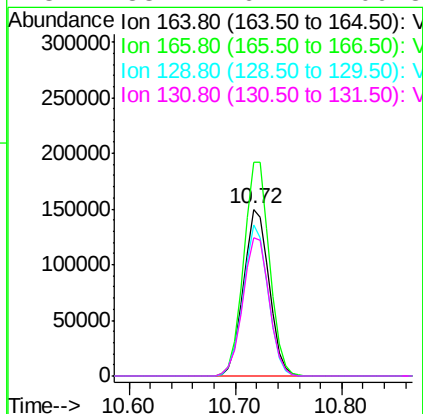
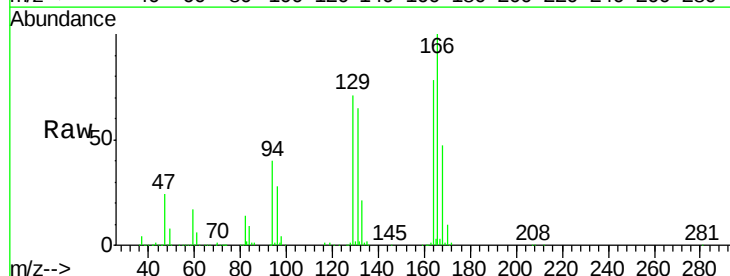
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 563803
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.6
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 53.009 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion:164 Resp: 252944
Ion Ratio Lower Upper
164 100
166 127.9 98.5 147.7
129 90.6 69.7 104.5
131 83.1 67.2 100.8

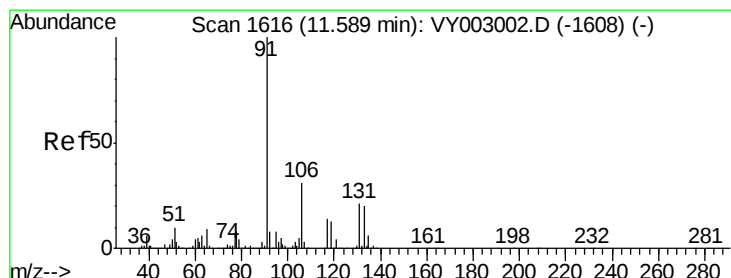
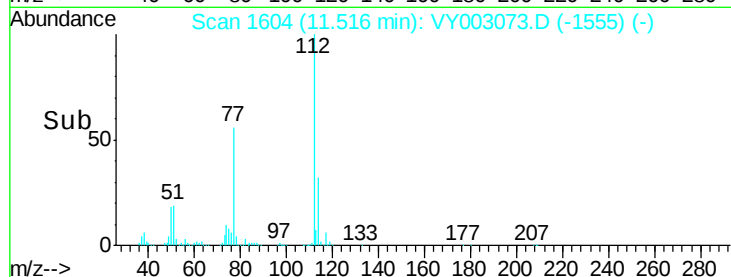
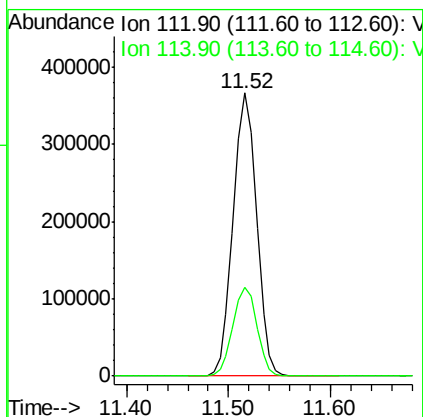
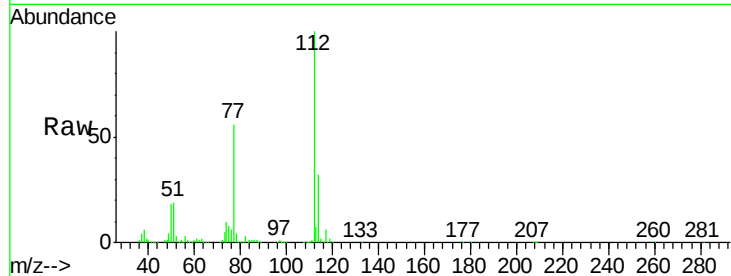




#65
Chlorobenzene
Concen: 52.467 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

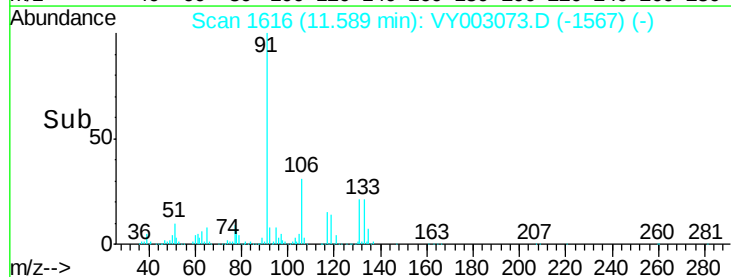
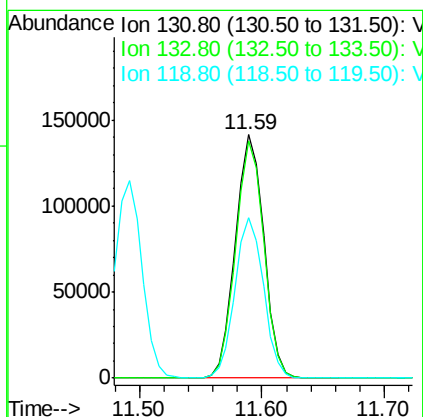
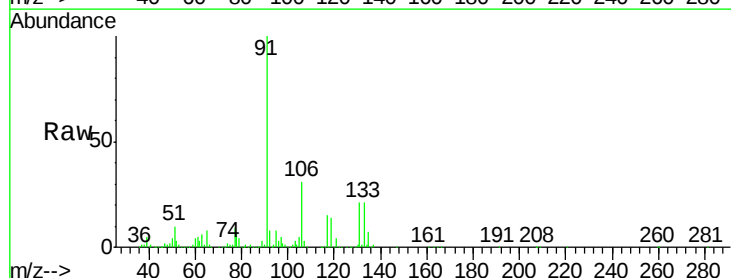
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 583282
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.519 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion:131 Resp: 227954
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.8
119 65.9 31.8 95.3





#67

Ethyl Benzene

Concen: 51.427 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

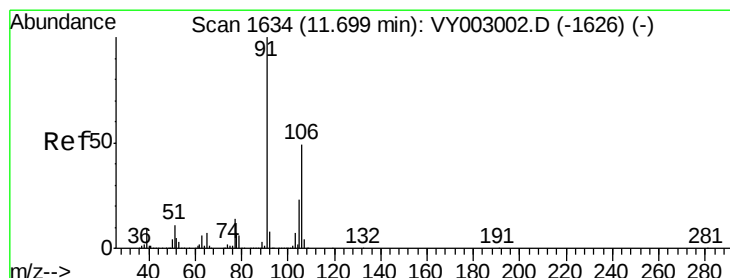
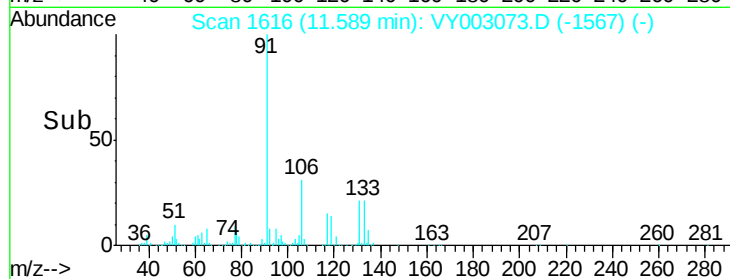
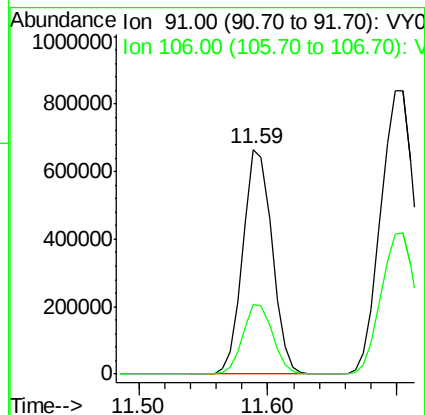
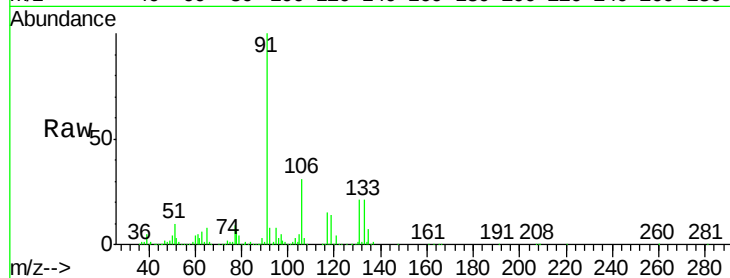
VSTDCCC050EC

Tot Ion: 91 Resp: 1045922

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 103.301 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY003073.D

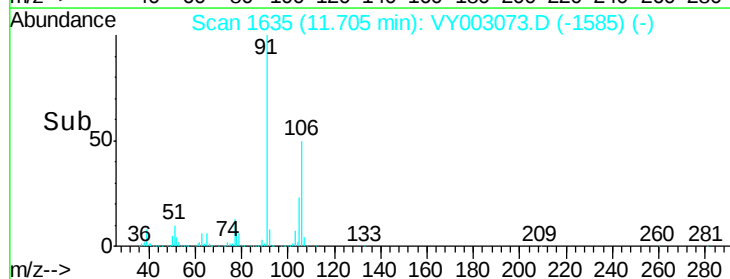
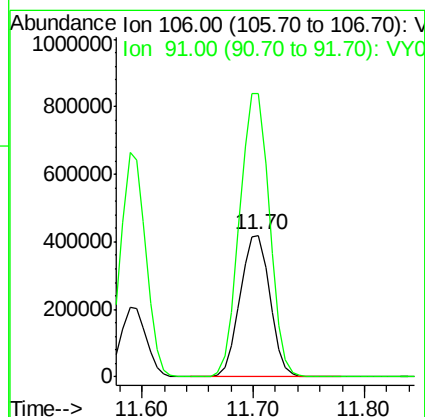
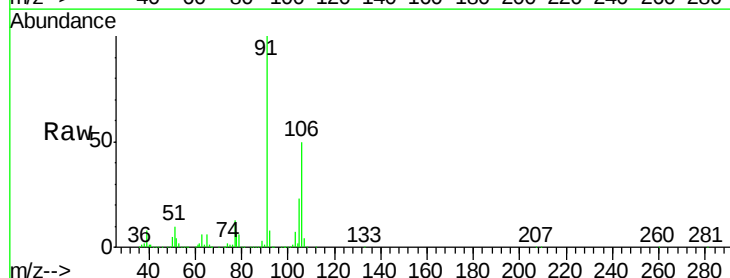
Acq: 01 Jul 2020 21:02

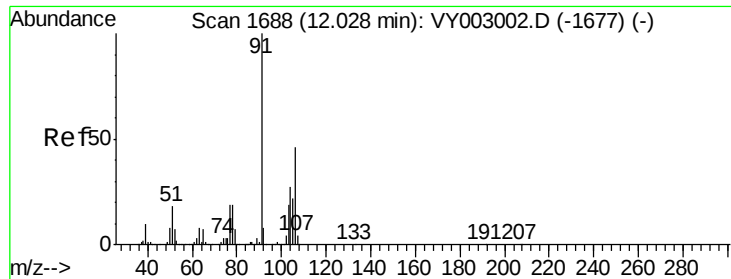
Tgt Ion: 106 Resp: 781932

Ion Ratio Lower Upper

106 100

91 200.1 161.9 242.9

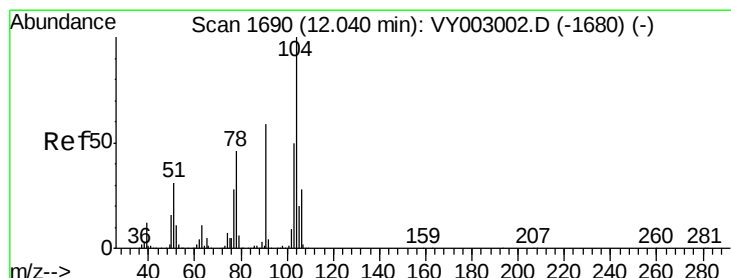
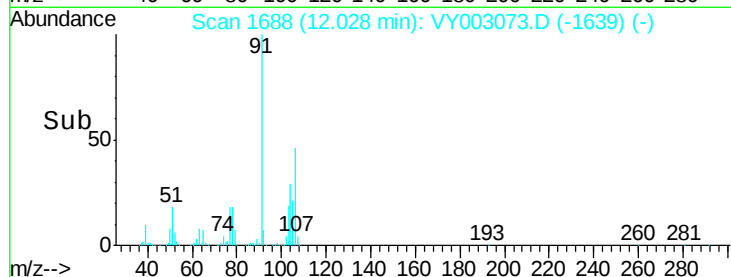
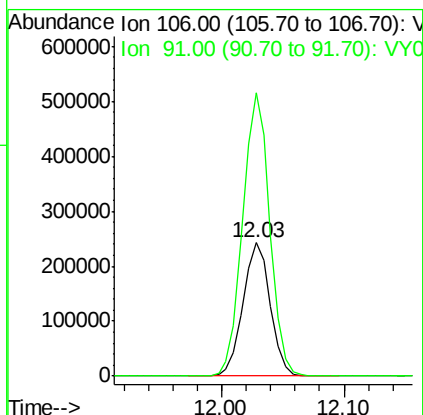
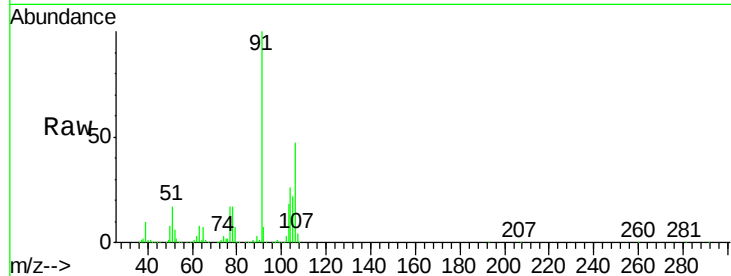




#69
o-Xylene
Concen: 52.381 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

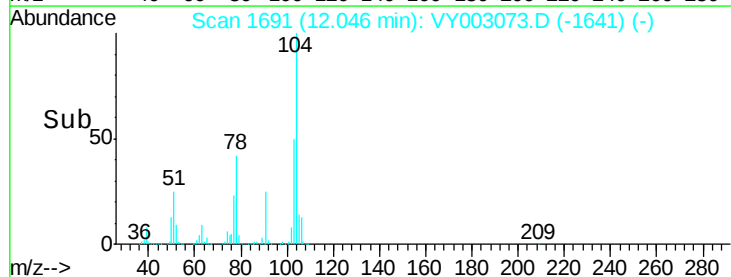
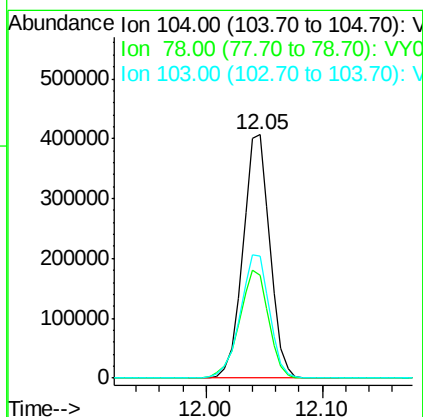
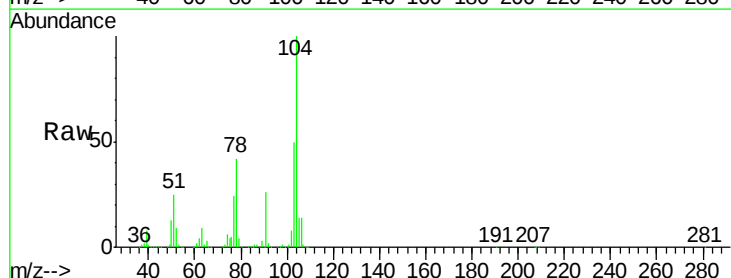
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 373627
Ion Ratio Lower Upper
106 100
91 211.0 107.9 323.8



#70
Styrene
Concen: 53.729 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion:104 Resp: 654727
Ion Ratio Lower Upper
104 100
78 48.0 40.4 60.6
103 55.1 44.1 66.1





#71

Bromoform

Concen: 55.624 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

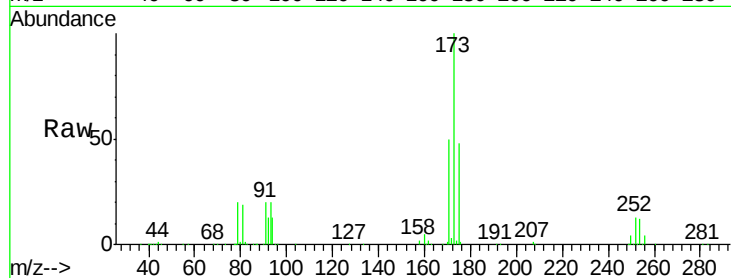
Tot Ion:173 Resp: 160984

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

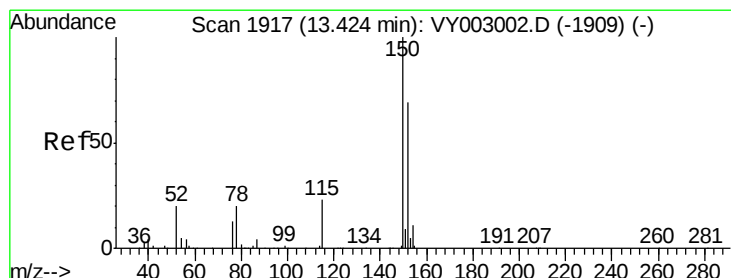
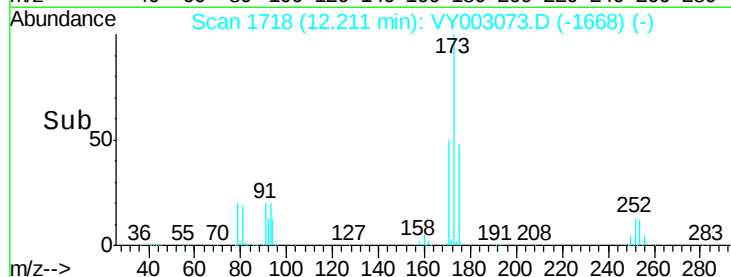
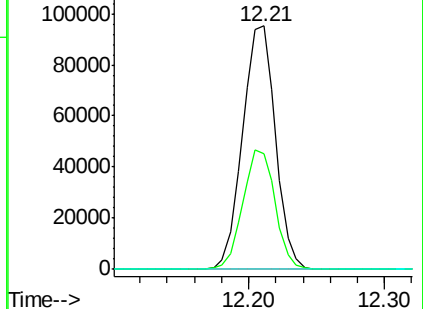
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

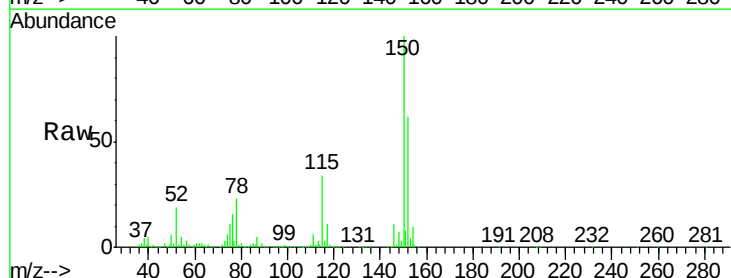
Tgt Ion:152 Resp: 291875

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

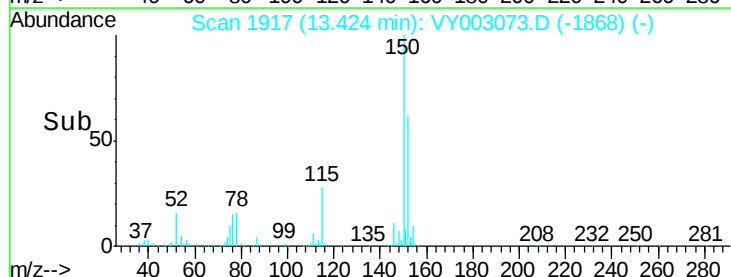
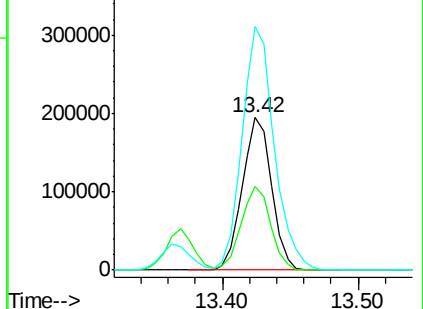
150 175.2 0.0 343.4

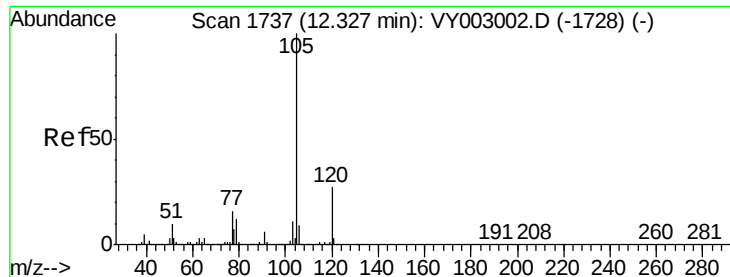


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.440 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

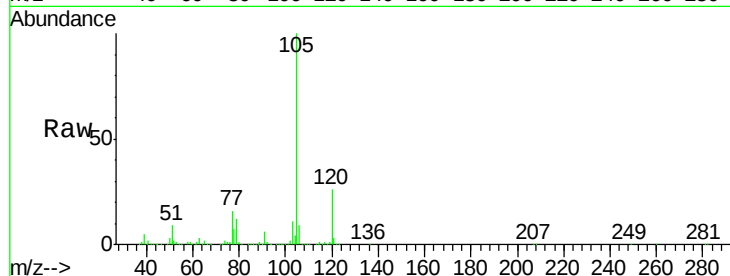
VSTDCCC050EC

Tot Ion:105 Resp: 1001715

Ion Ratio Lower Upper

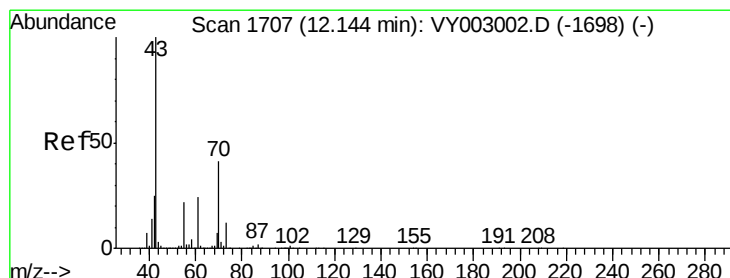
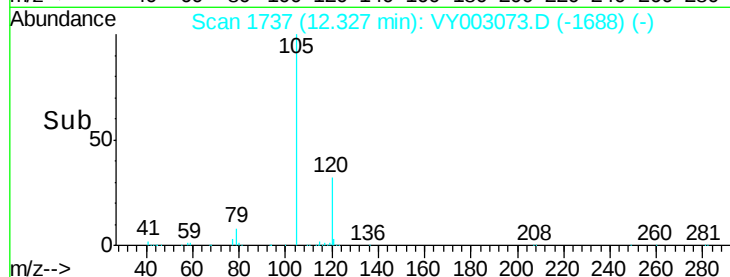
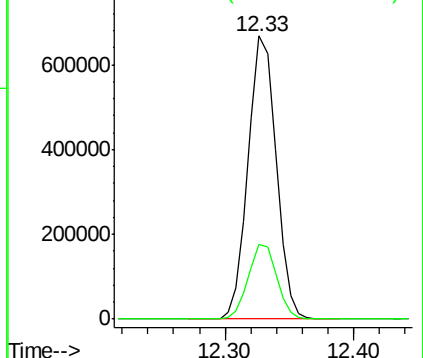
105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.593 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion: 43 Resp: 327052

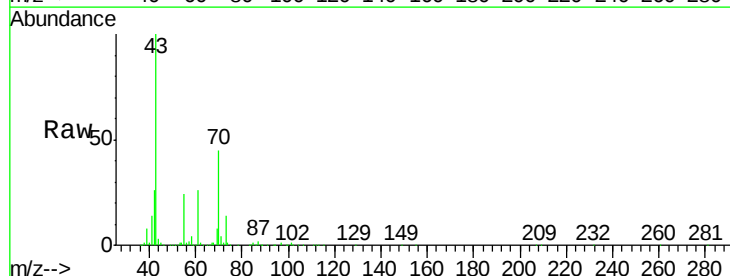
Ion Ratio Lower Upper

43 100

70 44.1 33.0 49.4

55 23.8 18.2 27.2

61 25.3 19.4 29.2

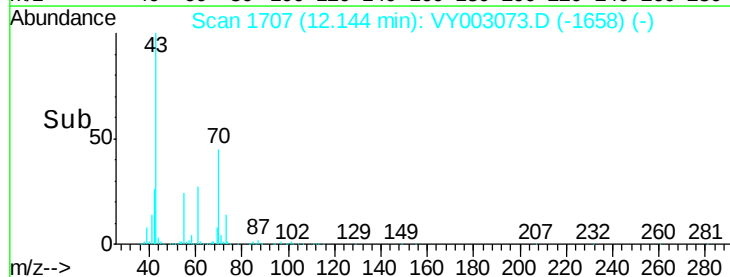
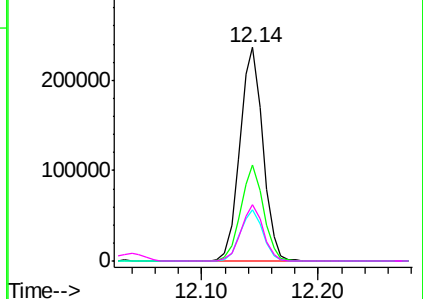


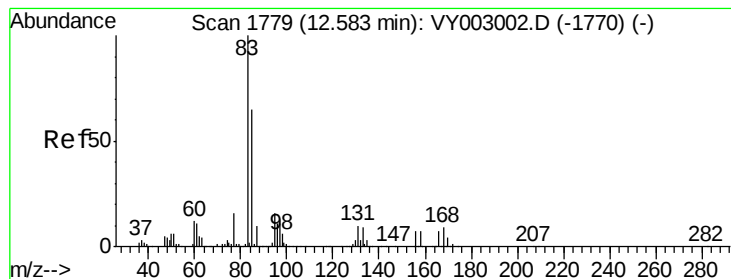
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 55.490 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

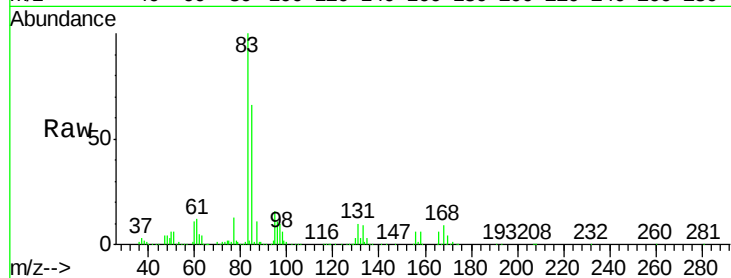
Tot Ion: 83 Resp: 213905

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

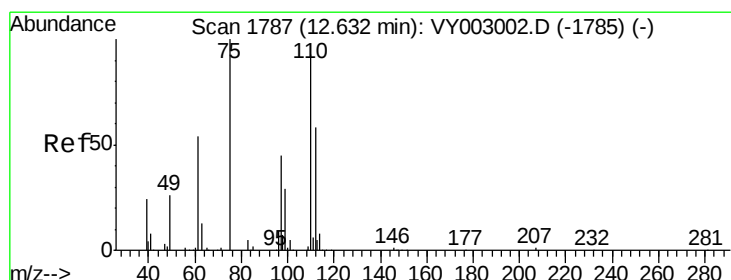
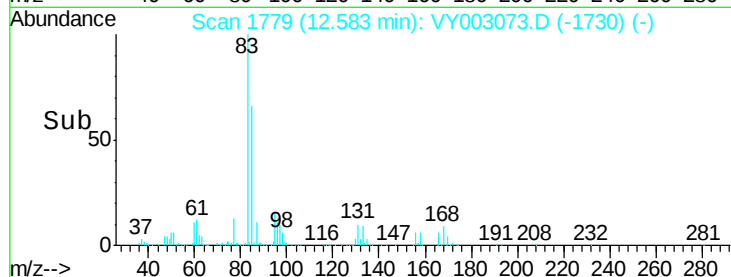
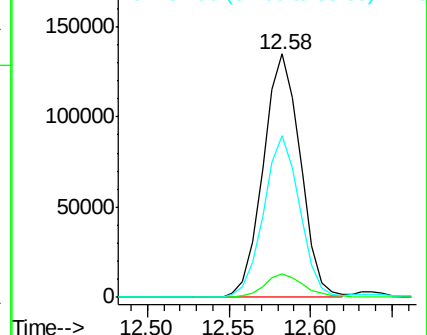
85 64.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 103.291 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003073.D

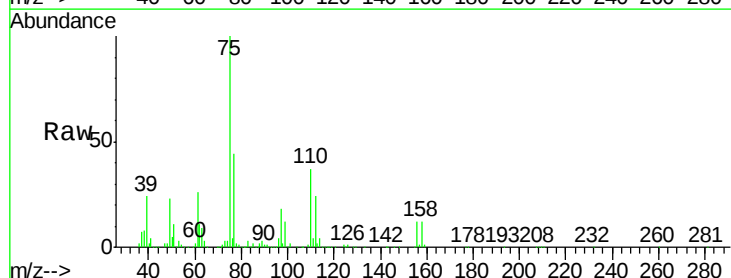
Acq: 01 Jul 2020 21:02

Tgt Ion: 75 Resp: 298374

Ion Ratio Lower Upper

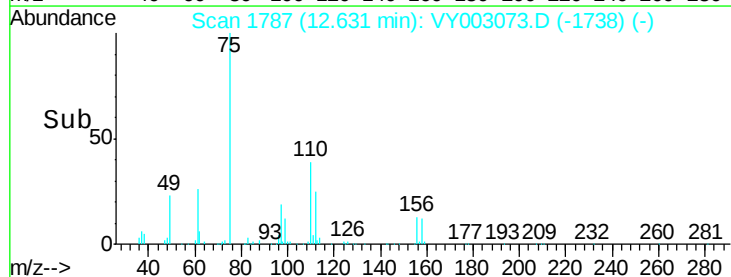
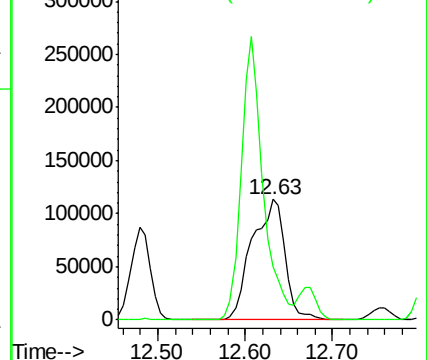
75 100

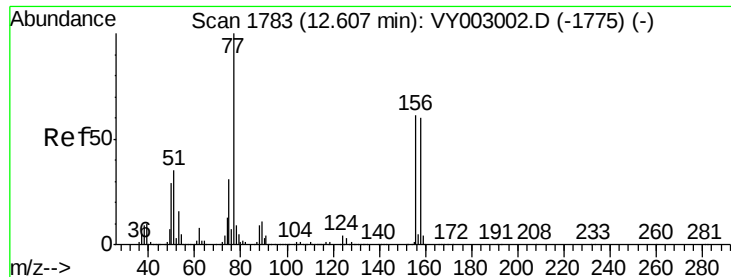
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 53.241 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

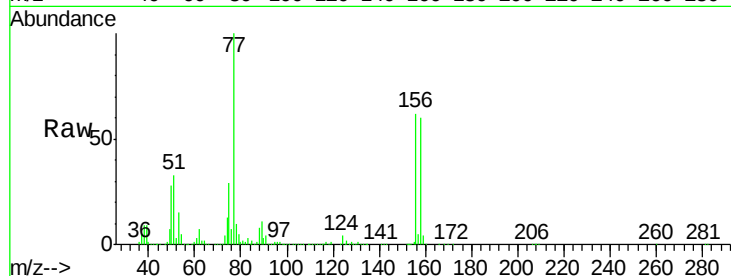
Tot Ion:156 Resp: 260760

Ion Ratio Lower Upper

156 100

77 179.4 90.0 270.0

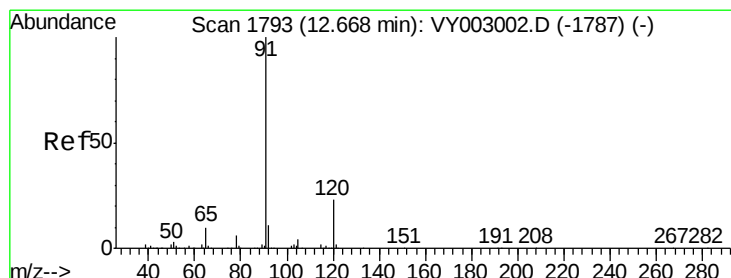
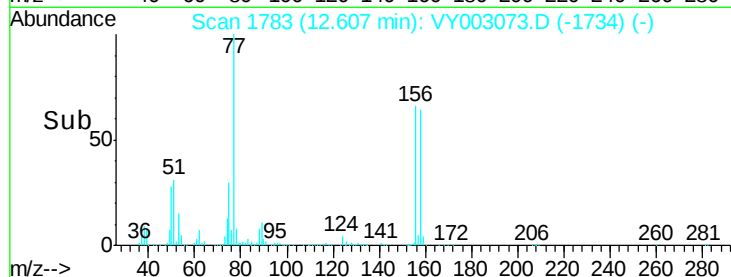
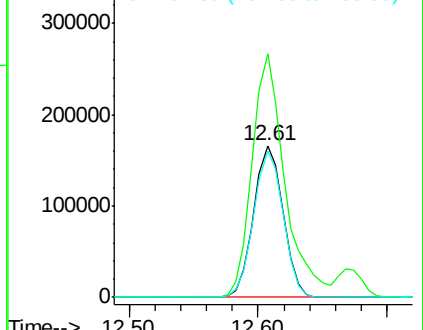
158 96.7 48.5 145.5



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: 51.356 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003073.D

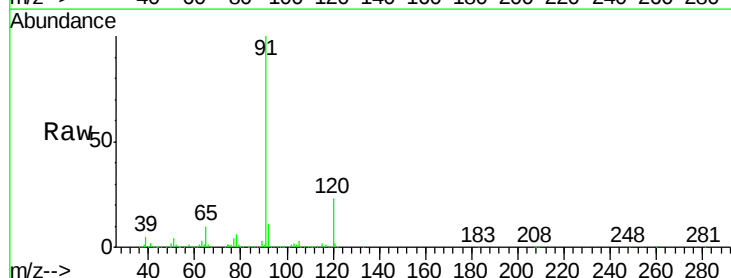
Acq: 01 Jul 2020 21:02

Tgt Ion: 91 Resp: 1179800

Ion Ratio Lower Upper

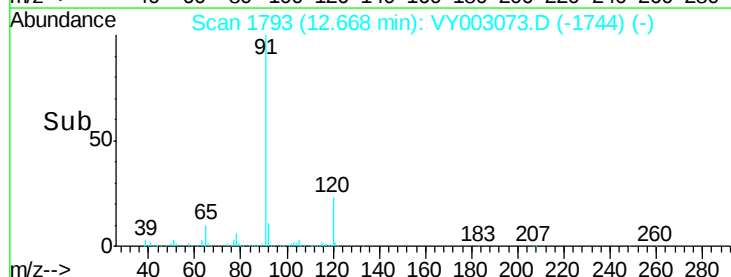
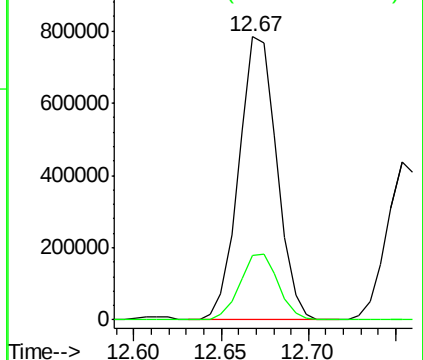
91 100

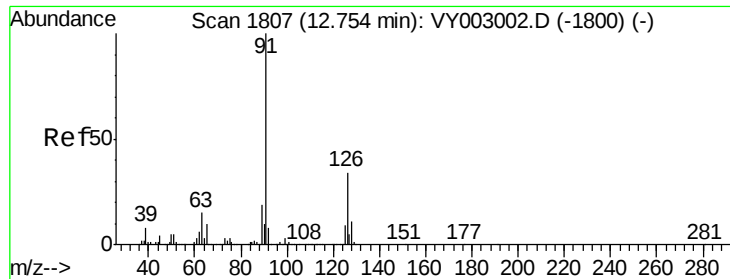
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.146 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

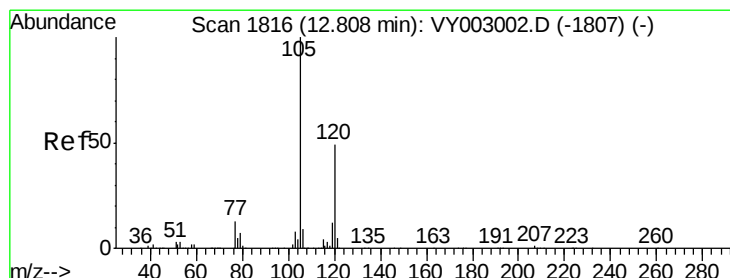
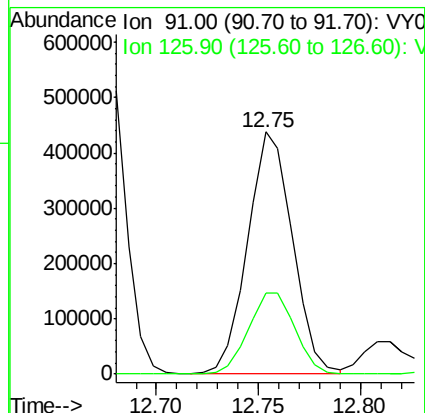
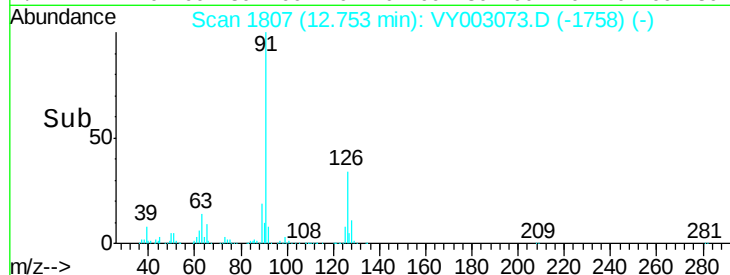
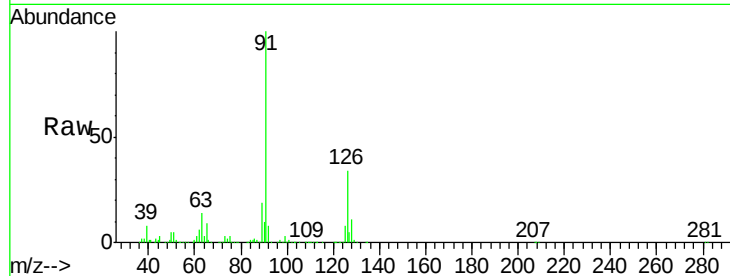
VSTDCCC050EC

Tot Ion: 91 Resp: 668663

Ion Ratio Lower Upper

91 100

126 34.9 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 52.141 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003073.D

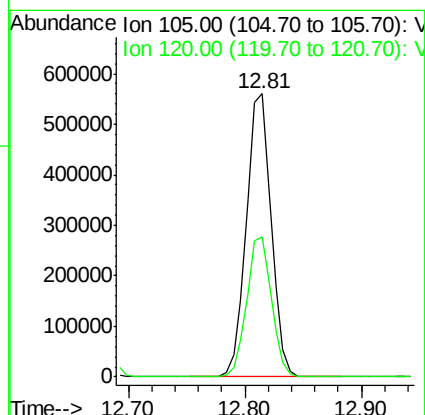
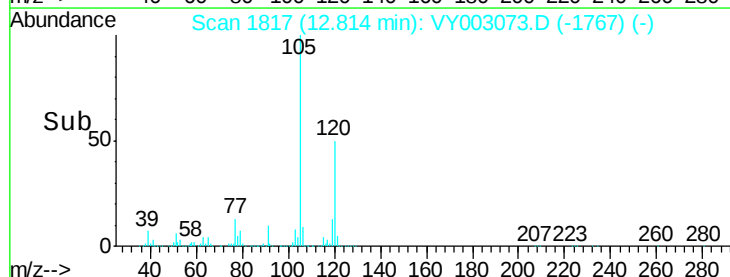
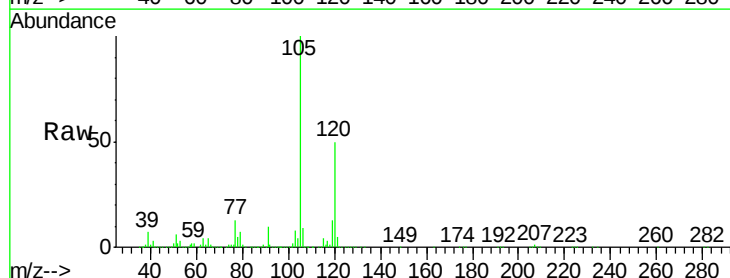
Acq: 01 Jul 2020 21:02

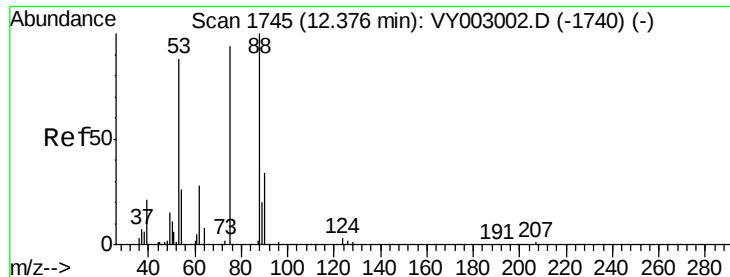
Tgt Ion: 105 Resp: 835789

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.192 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

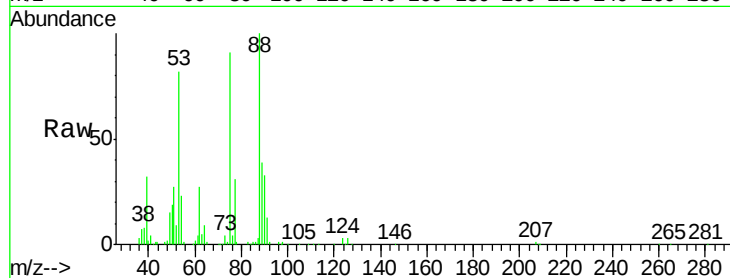
Tot Ion: 75 Resp: 78976

Ion Ratio Lower Upper

75 100

53 87.4 73.9 110.9

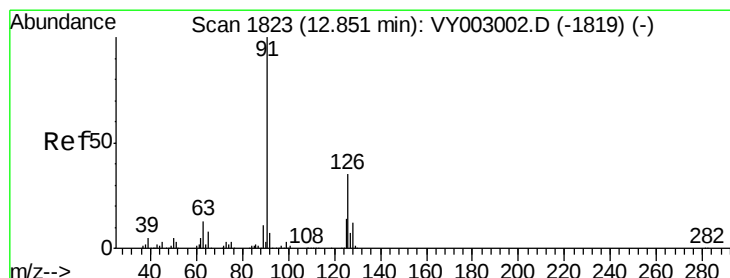
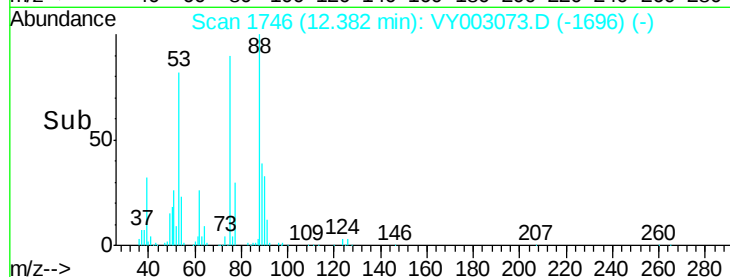
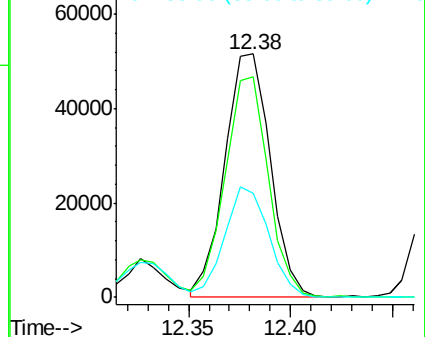
89 44.8 37.5 56.3



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: 52.072 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003073.D

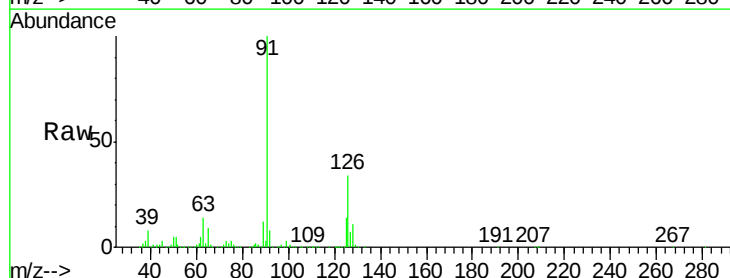
Acq: 01 Jul 2020 21:02

Tgt Ion: 91 Resp: 695194

Ion Ratio Lower Upper

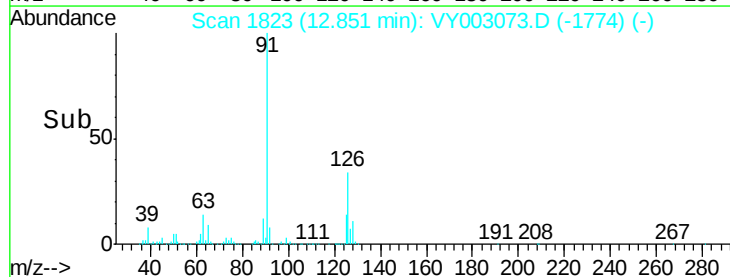
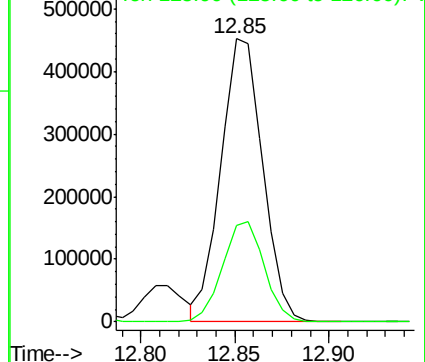
91 100

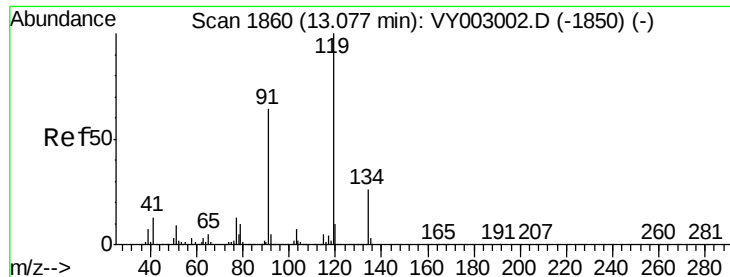
126 35.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

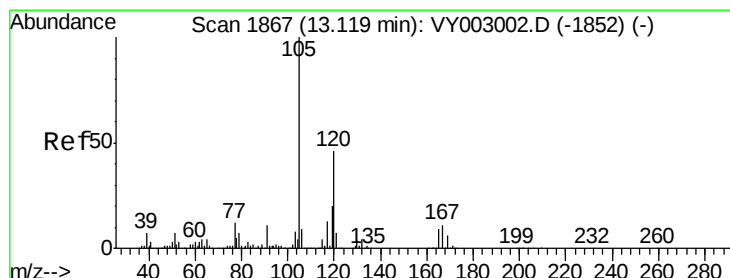
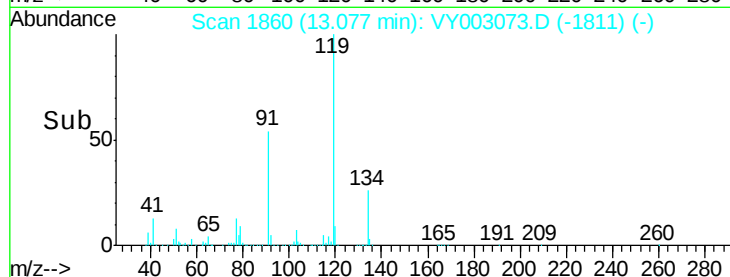
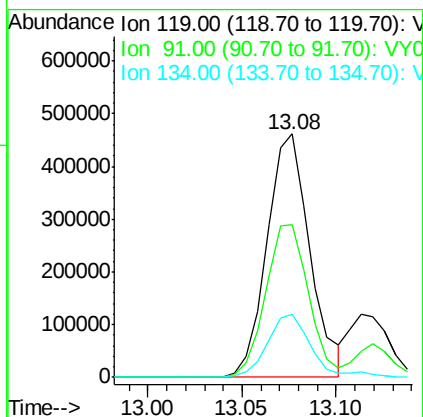
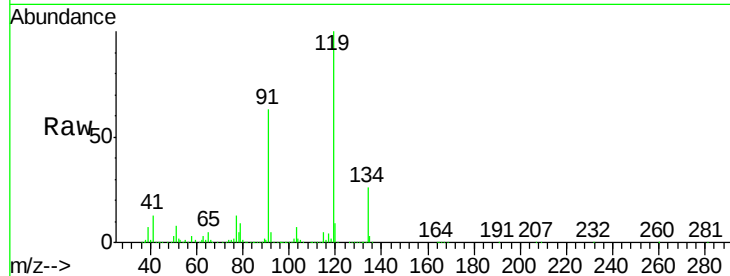




#83
tert-Butylbenzene
Concen: 51.888 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

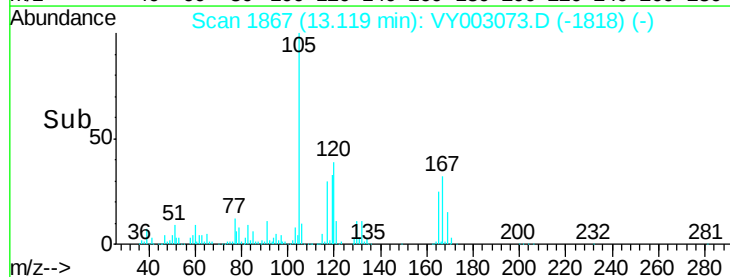
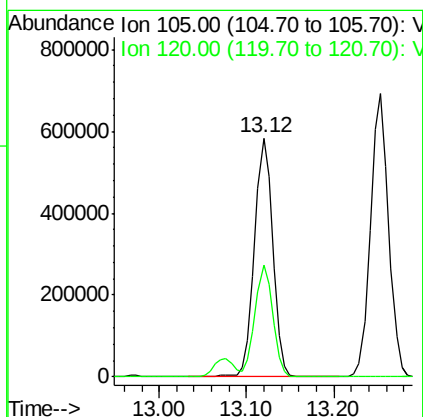
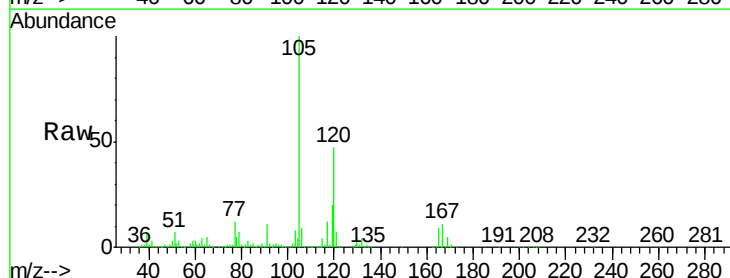
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

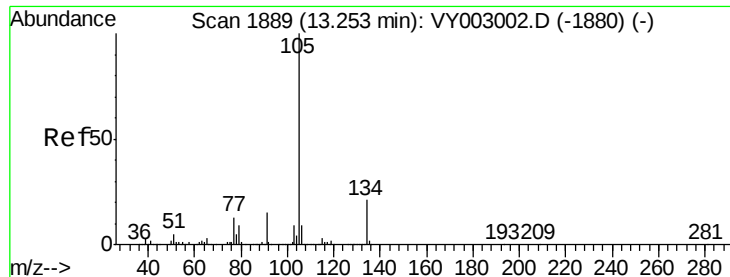
Tot Ion:119 Resp: 730326
Ion Ratio Lower Upper
119 100
91 62.7 31.6 95.0
134 26.4 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 52.384 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion:105 Resp: 846114
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 51.563 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

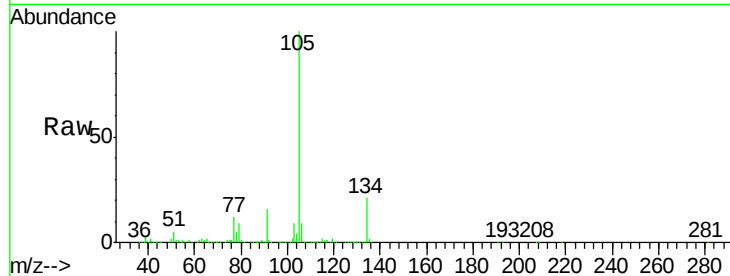
VSTDCCC050EC

Tot Ion:105 Resp: 1000342

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

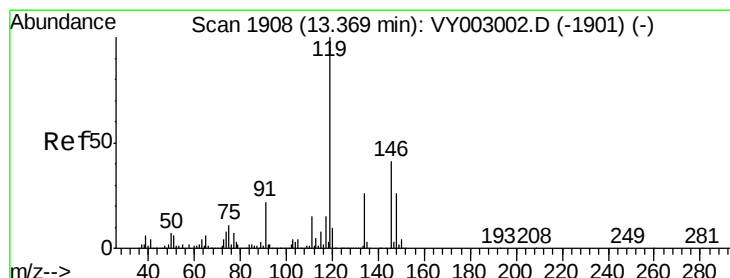
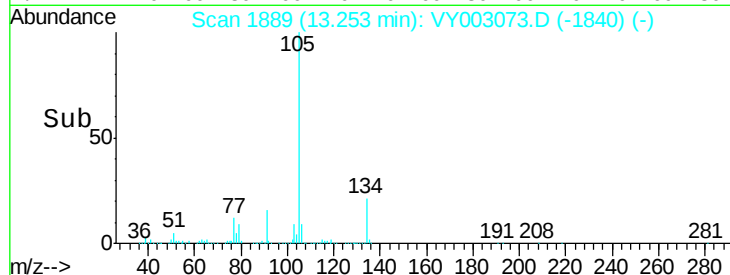
200000

0

13.25

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 51.446 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

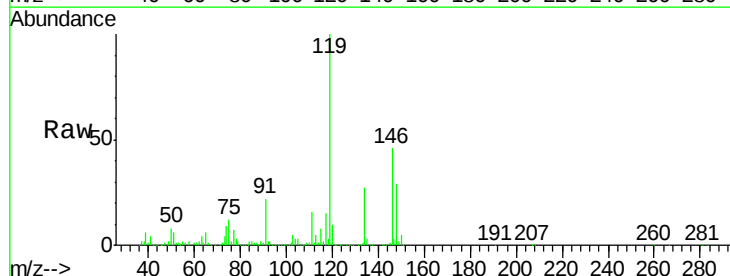
Tgt Ion:119 Resp: 924813

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.6 11.5 34.5



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

800000

600000

400000

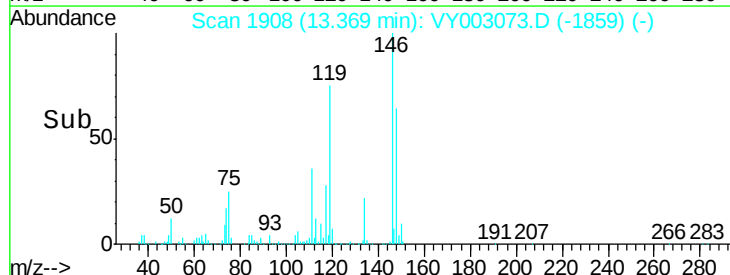
200000

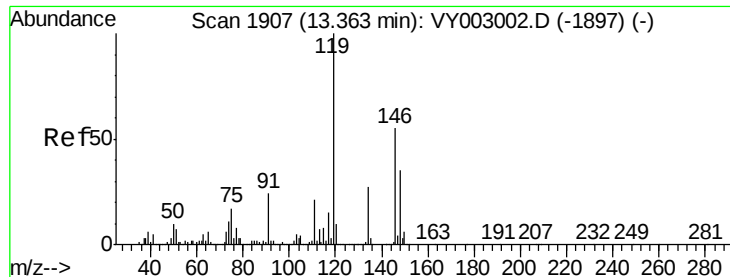
0

13.37

13.30 13.35 13.40 13.45

Time-->





#87

1,3-Dichlorobenzene

Concen: 53.084 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

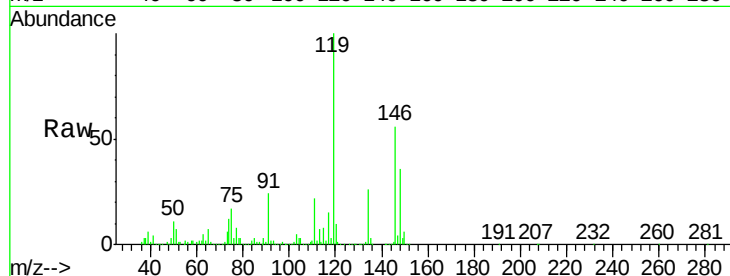
Tot Ion:146 Resp: 485398

Ion Ratio Lower Upper

146 100

111 37.7 18.8 56.3

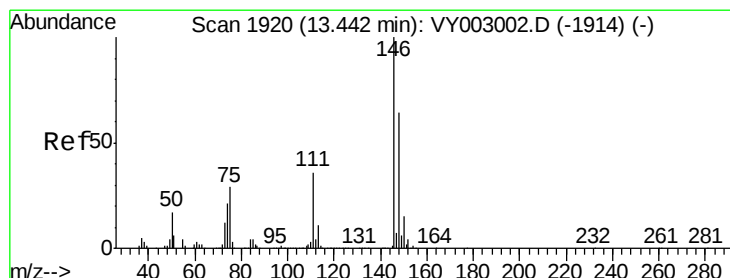
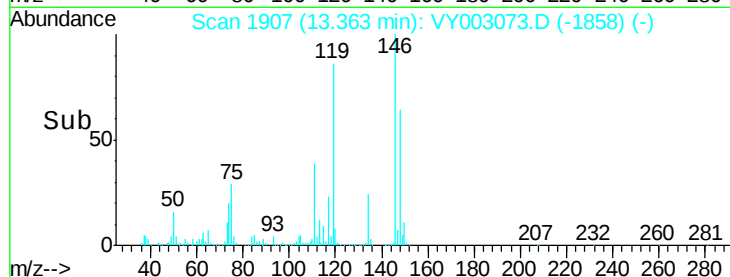
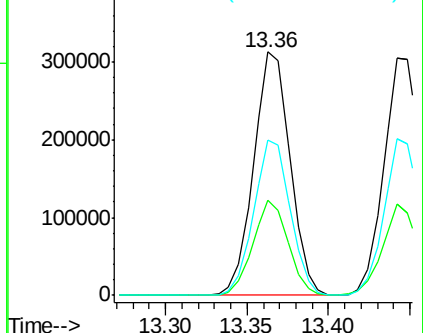
148 63.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 53.176 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

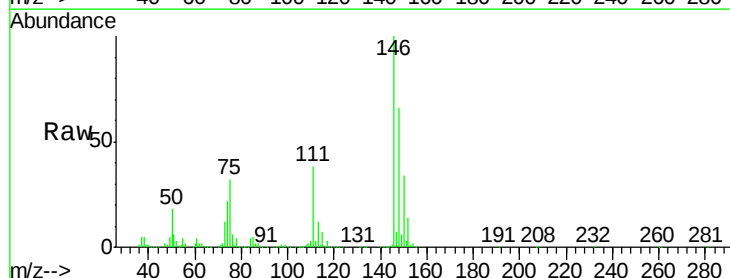
Tgt Ion:146 Resp: 479466

Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.4

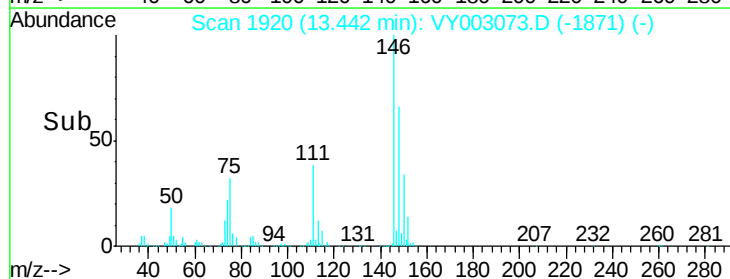
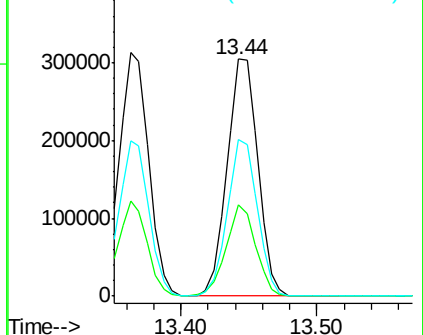
148 64.5 32.3 96.9

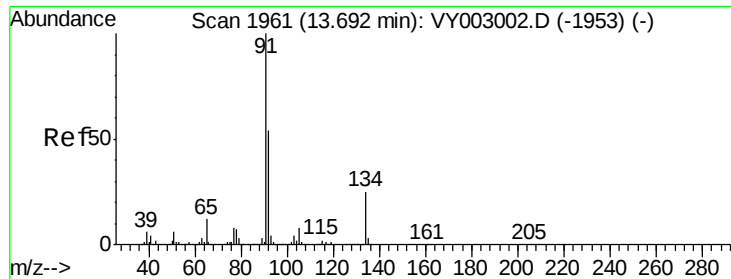


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.328 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

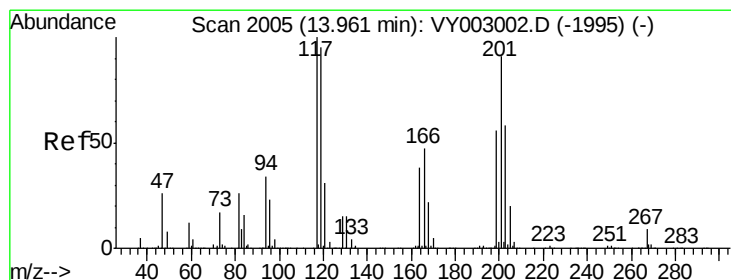
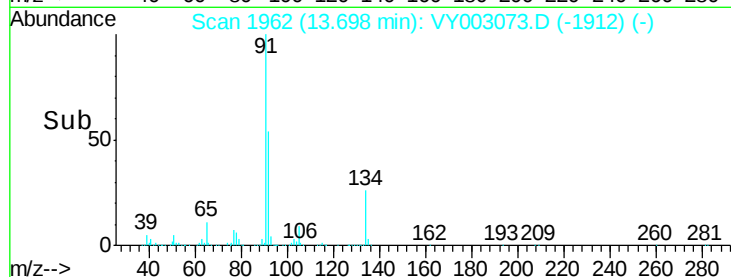
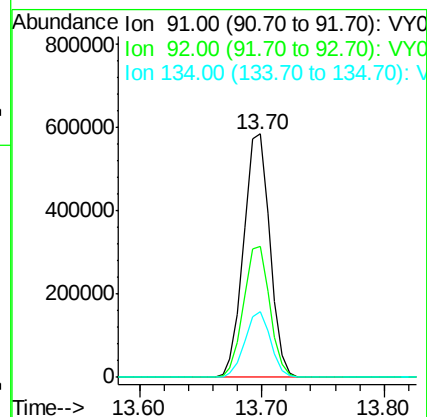
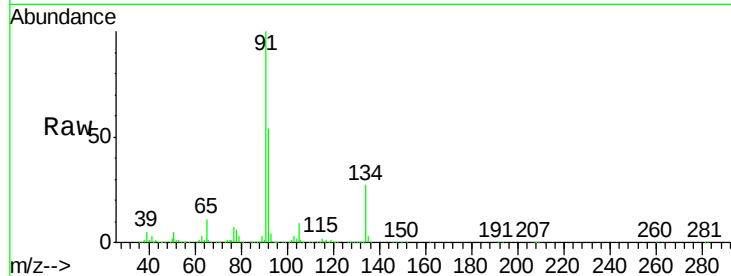
Tot Ion: 91 Resp: 865619

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.3

134 26.6 13.1 39.1



#90

Hexachloroethane

Concen: 52.513 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003073.D

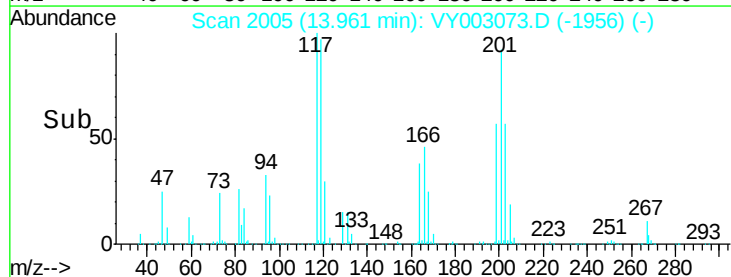
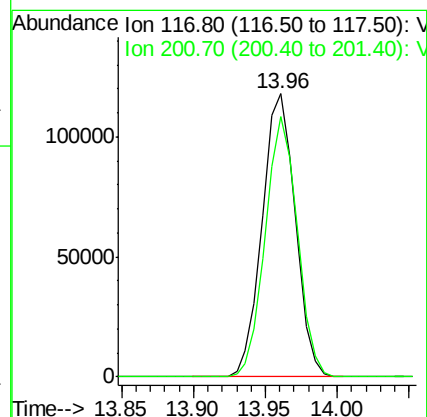
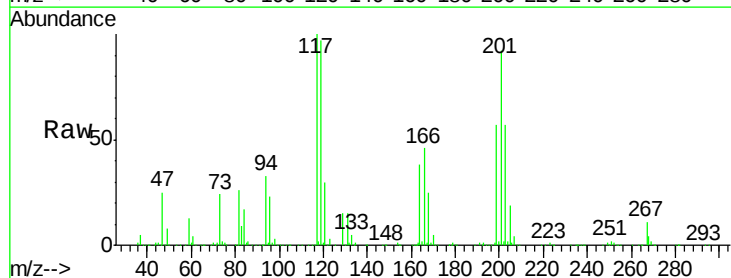
Acq: 01 Jul 2020 21:02

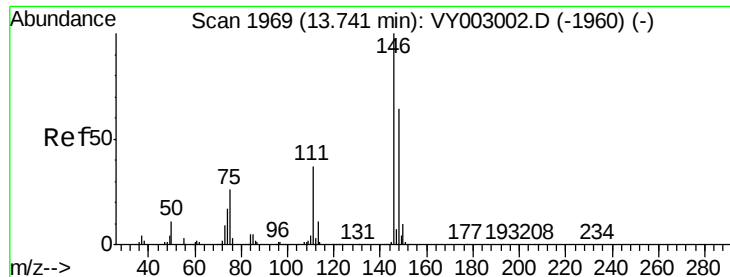
Tgt Ion: 117 Resp: 187453

Ion Ratio Lower Upper

117 100

201 89.1 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 53.852 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

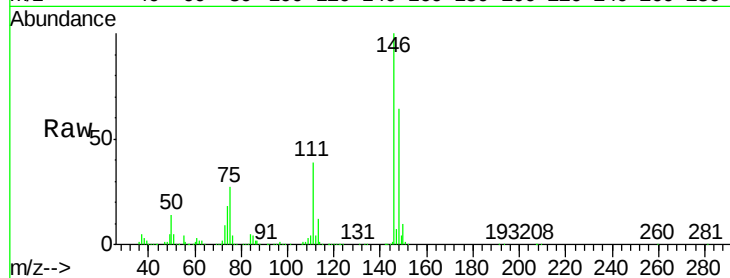
Tot Ion:146 Resp: 441805

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.5

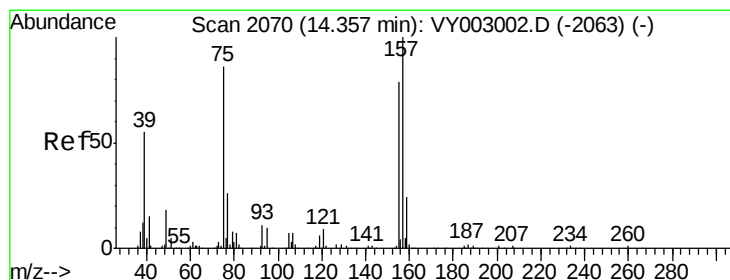
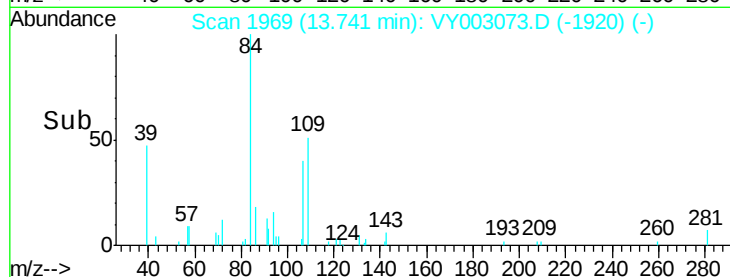
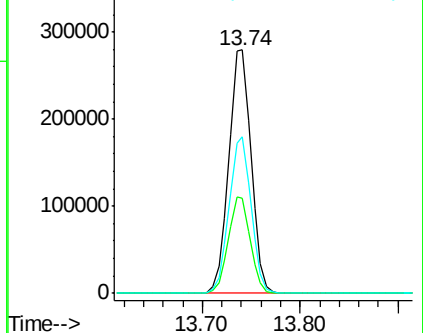
148 63.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.745 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

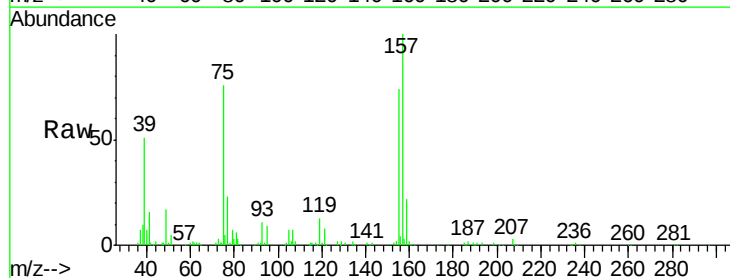
Tgt Ion: 75 Resp: 38723

Ion Ratio Lower Upper

75 100

155 95.8 46.5 139.3

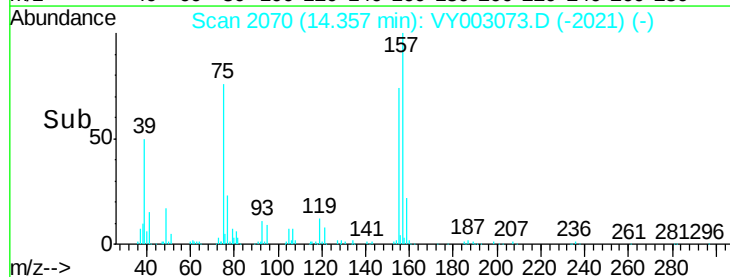
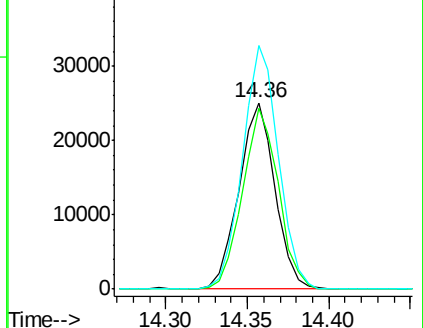
157 129.5 59.2 177.5

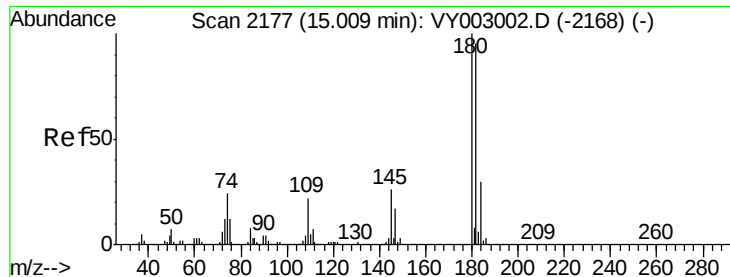


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

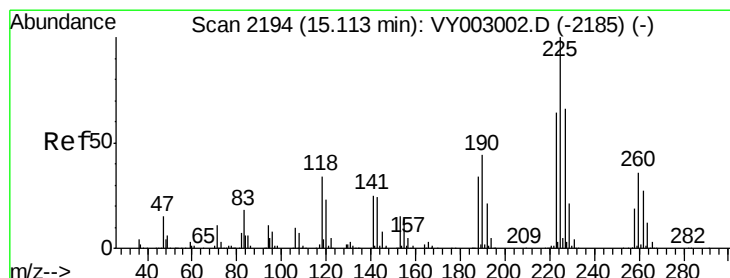
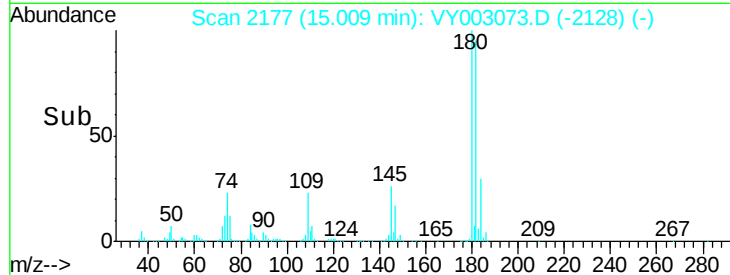
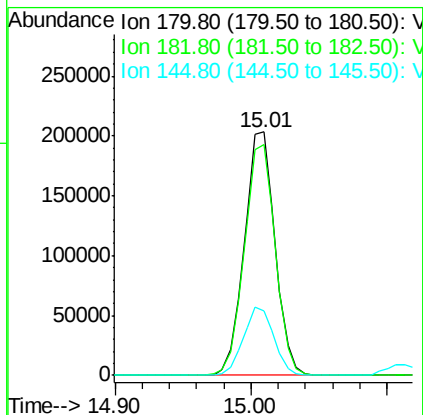
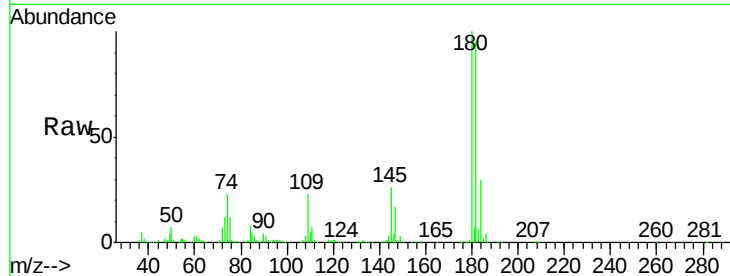




#93
 1,2,4-Trichlorobenzene
 Concen: 52.440 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

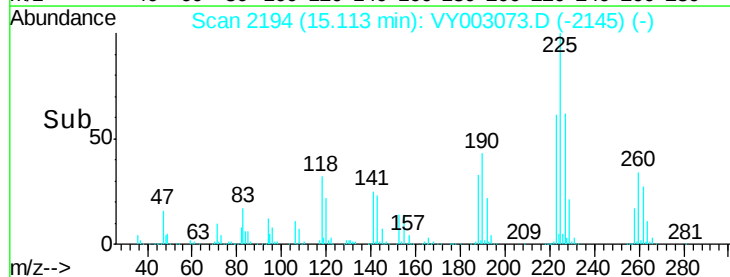
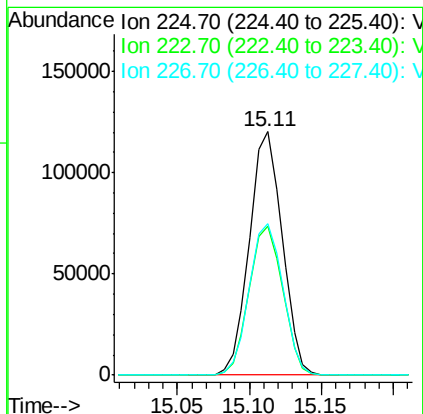
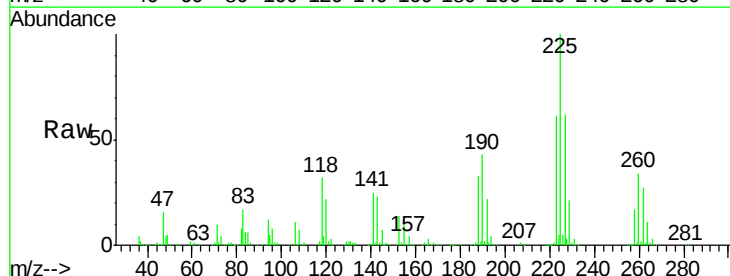
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

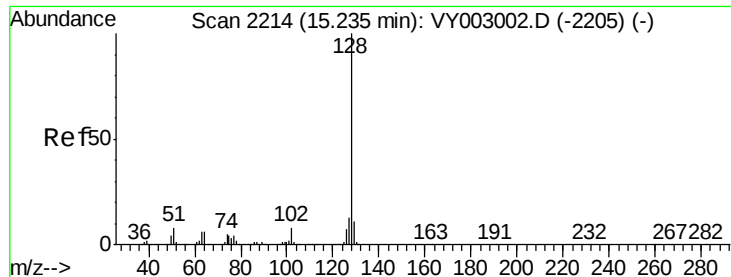
Tot Ion:180 Resp: 319678
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.1 144.3
 145 27.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 49.252 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion:225 Resp: 189383
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.4 97.0
 227 63.9 32.4 97.2





#95

Naphthalene

Concen: 56.706 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

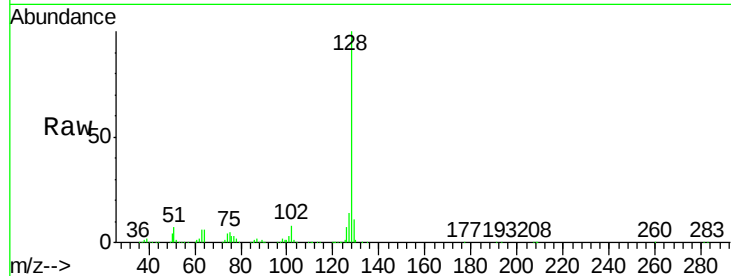
Tot Ion:128 Resp: 631405

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

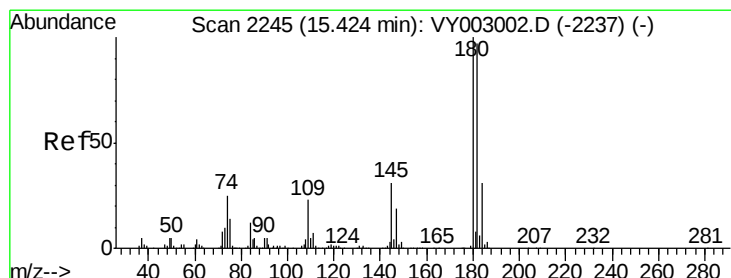
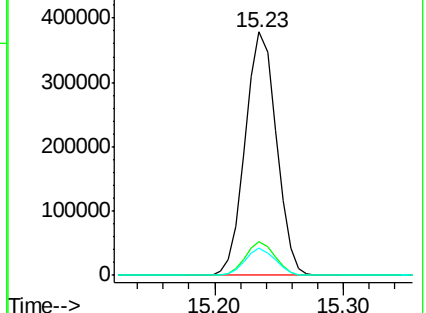
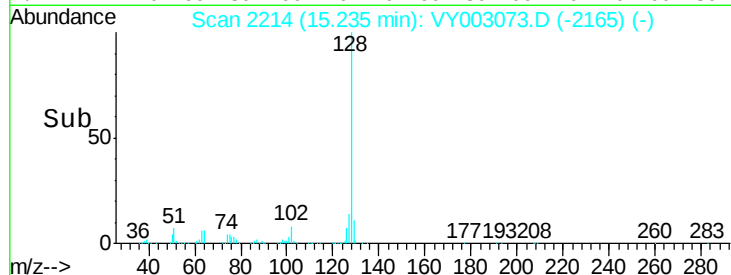
129 10.9 8.8 13.2



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: 54.314 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

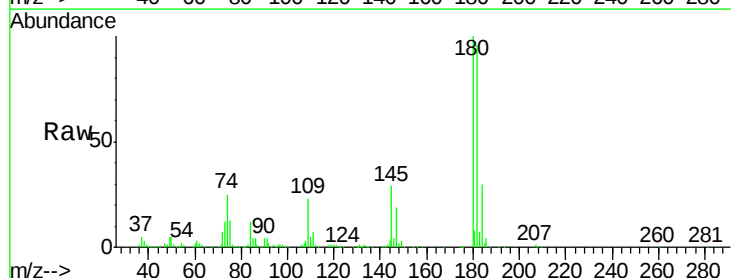
Tgt Ion:180 Resp: 287508

Ion Ratio Lower Upper

180 100

182 95.1 47.8 143.3

145 29.3 14.7 44.1



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

