

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060420\
 Data File : VY002835.D
 Acq On : 04 Jun 2020 12:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 16:21:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	514086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	462726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	137360	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	7.72	113	146555	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.18	98	574146	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.48	95	198302	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	102661	42.87	ug/l	98
3) Chloromethane	2.12	50	114233	43.13	ug/l	99
4) Vinyl Chloride	2.26	62	130839	46.74	ug/l	99
5) Bromomethane	2.65	94	90627	43.20	ug/l	99
6) Chloroethane	2.80	64	81741	45.04	ug/l	98
7) Trichlorofluoromethane	3.13	101	224283	45.24	ug/l	96
8) Diethyl Ether	3.54	74	80076	41.36	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	140644	47.78	ug/l	98
10) Methyl Iodide	4.10	142	191012	46.37	ug/l	99
11) Tert butyl alcohol	4.97	59	63748	193.41	ug/l	100
12) 1,1-Dichloroethene	3.88	96	136428	46.08	ug/l	97
13) Acrolein	3.74	56	90043	254.30	ug/l	99
14) Allyl chloride	4.48	41	202169	47.62	ug/l	99
15) Acrylonitrile	5.18	53	187069	214.19	ug/l	100
16) Acetone	3.96	43	180046	254.12	ug/l	99
17) Carbon Disulfide	4.20	76	388019	43.37	ug/l	99
18) Methyl Acetate	4.49	43	77534	43.49	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	356439	43.61	ug/l	99
20) Methylene Chloride	4.72	84	159162	45.97	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	150267	45.14	ug/l	94
22) Diisopropyl ether	6.13	45	411297	46.62	ug/l	98
23) Vinyl Acetate	6.07	43	1335407	229.24	ug/l	98
24) 1,1-Dichloroethane	6.02	63	242787	47.04	ug/l	99
25) 2-Butanone	6.99	43	242424	219.62	ug/l	98
26) 2,2-Dichloropropane	6.99	77	223186	45.09	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	168616	45.24	ug/l	100
28) Bromochloromethane	7.34	49	107201	50.60	ug/l	97
29) Tetrahydrofuran	7.35	42	148616	206.98	ug/l	99
30) Chloroform	7.51	83	251009	45.83	ug/l	97
31) Cyclohexane	7.79	56	226903	44.28	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	231071	45.28	ug/l	99
36) 1,1-Dichloropropene	7.92	75	198521	45.84	ug/l	100
37) Ethyl Acetate	7.08	43	101982	43.28	ug/l	99
38) Carbon Tetrachloride	7.91	117	213653	44.41	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	262094	45.92	ug/l	99
40) Benzene	8.16	78	581411	45.44	ug/l	98
41) Methacrylonitrile	7.35	41	138454	109.38	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	153448	42.79	ug/l	100
43) Isopropyl Acetate	8.27	43	192559	43.13	ug/l	99
44) Trichloroethene	8.94	130	181329	44.86	ug/l	100
45) 1,2-Dichloropropane	9.22	63	142201	46.34	ug/l	100
46) Dibromomethane	9.31	93	80160	43.99	ug/l	98
47) Bromodichloromethane	9.50	83	196417	45.72	ug/l	99
48) Methyl methacrylate	9.29	41	87509	43.42	ug/l	98
49) 1,4-Dioxane	9.30	88	22355	798.90	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	502893	212.70	ug/l	100
52) Toluene	10.24	92	376989	45.04	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	211284	45.03	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	241259	45.37	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	117570	42.14	ug/l	92
56) Ethyl methacrylate	10.51	69	161999	43.35	ug/l	99
57) 1,3-Dichloropropane	10.79	76	201695	43.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	442202	242.17	ug/l	99
59) 2-Hexanone	10.83	43	359776	214.47	ug/l	100
60) Dibromochloromethane	10.99	129	154669	43.73	ug/l	99
61) 1,2-Dibromoethane	11.09	107	120067	43.63	ug/l	99
64) Tetrachloroethene	10.72	164	185205	44.04	ug/l	99
65) Chlorobenzene	11.52	112	422342	46.18	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	160935	46.72	ug/l	99
67) Ethyl Benzene	11.59	91	738885	46.60	ug/l	100
68) m/p-Xylenes	11.70	106	569692	92.67	ug/l	100
69) o-Xylene	12.03	106	268629	46.29	ug/l	100
70) Styrene	12.05	104	465697	46.29	ug/l	100
71) Bromoform	12.21	173	100973	43.81	ug/l	100
73) Isopropylbenzene	12.33	105	738114	46.90	ug/l	100
74) N-amyl acetate	12.14	43	178748	44.26	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	128282	46.45	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	183746	83.03	ug/l #	100
77) Bromobenzene	12.61	156	183702	44.82	ug/l	98
78) n-propylbenzene	12.67	91	854305	46.99	ug/l	99
79) 2-Chlorotoluene	12.76	91	472625	46.34	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	609752	46.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53440	45.49	ug/l	96
82) 4-Chlorotoluene	12.86	91	498493	46.65	ug/l	100
83) tert-Butylbenzene	13.08	119	545877	46.57	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	612737	46.37	ug/l	99
85) sec-Butylbenzene	13.25	105	756495	47.20	ug/l	99
86) p-Isopropyltoluene	13.37	119	703189	47.15	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	350933	45.21	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	350825	45.18	ug/l	100
89) n-Butylbenzene	13.70	91	640350	47.29	ug/l	100
90) Hexachloroethane	13.96	117	131702	47.17	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	317643	45.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22845	43.00	ug/l	96

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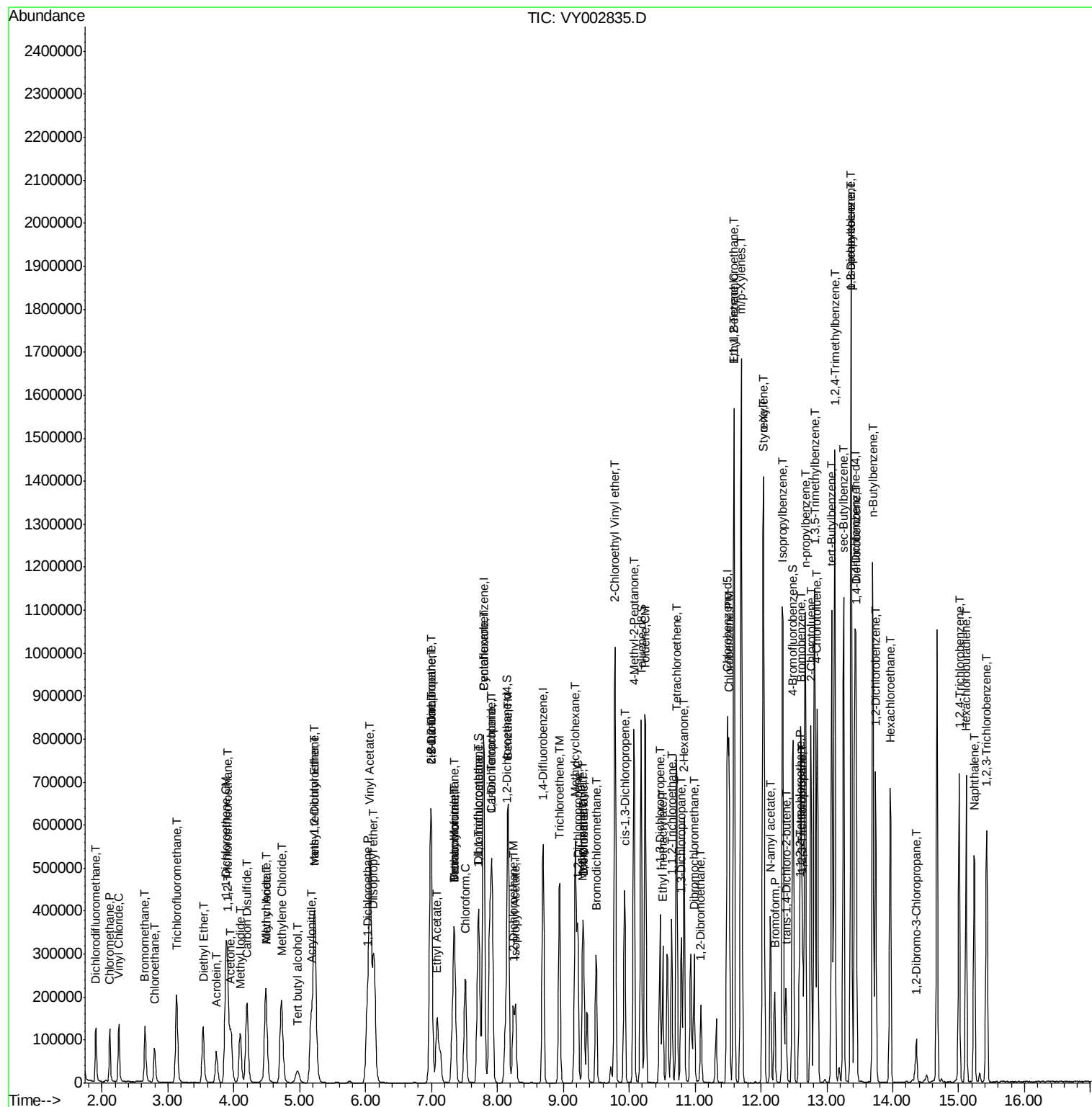
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	240880	45.39	ug/l	100
94) Hexachlorobutadiene	15.11	225	141335	46.96	ug/l	99
95) Naphthalene	15.23	128	456763	42.93	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	211396	44.61	ug/l	99

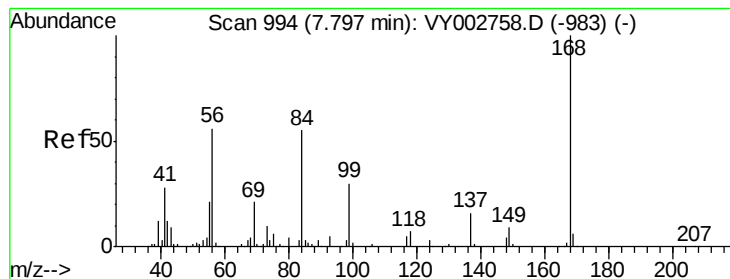
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY060420\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

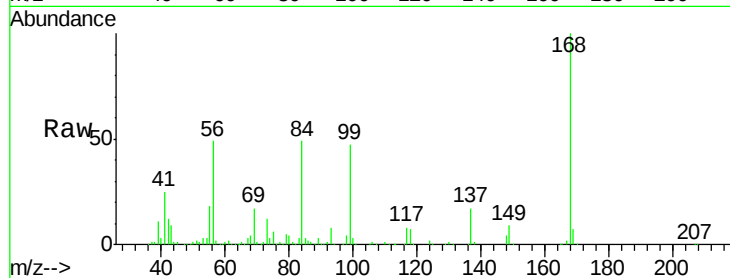
VSTDCCC050

Tgt Ion:168 Resp: 347988

Ion Ratio Lower Upper

168 100

99 47.0 39.0 58.4



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

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

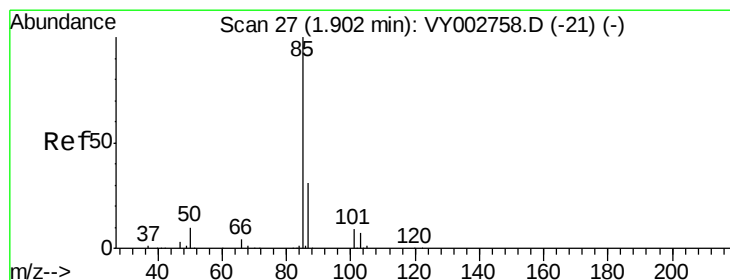
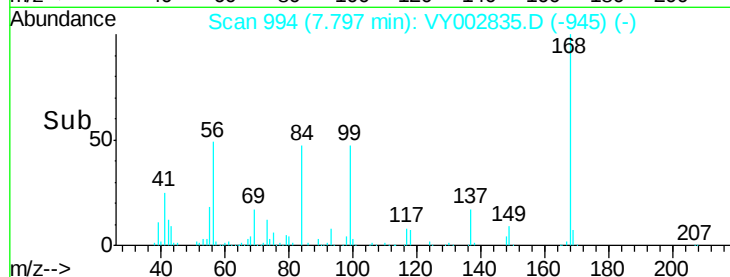
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.87 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002835.D

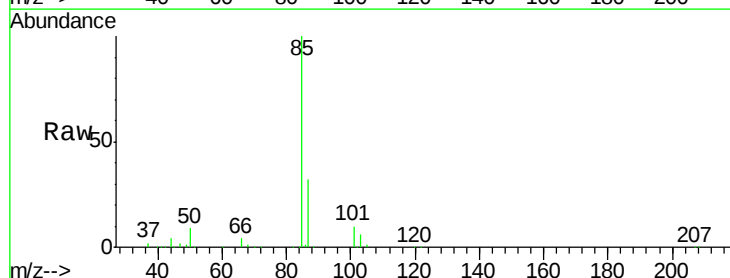
Acq: 04 Jun 2020 12:07

Tgt Ion: 85 Resp: 102661

Ion Ratio Lower Upper

85 100

87 32.2 15.5 46.5



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

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

80000

60000

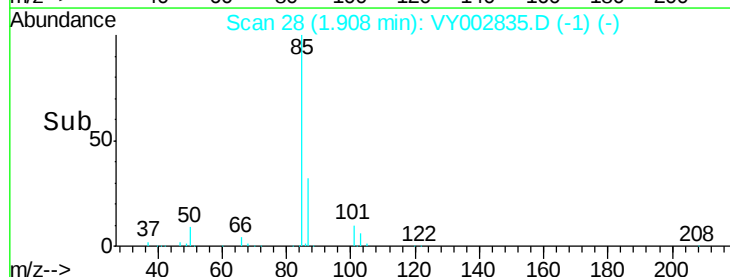
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.13 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

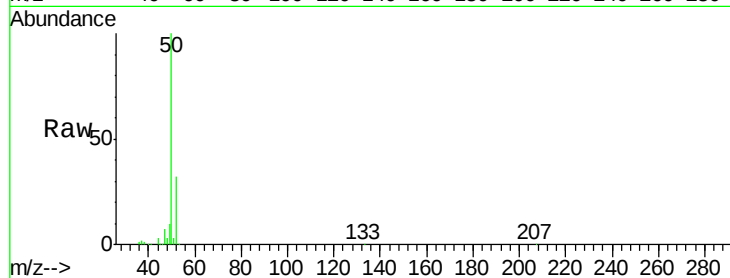
VSTDCCC050

Tgt Ion: 50 Resp: 114233

Ion Ratio Lower Upper

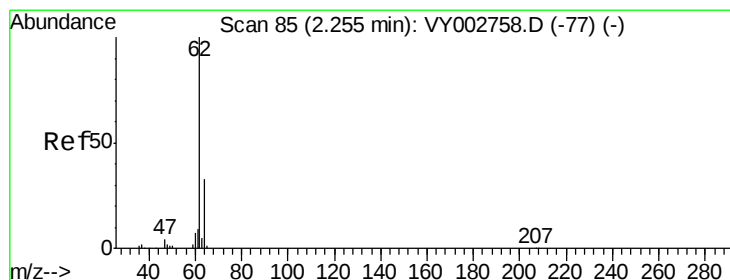
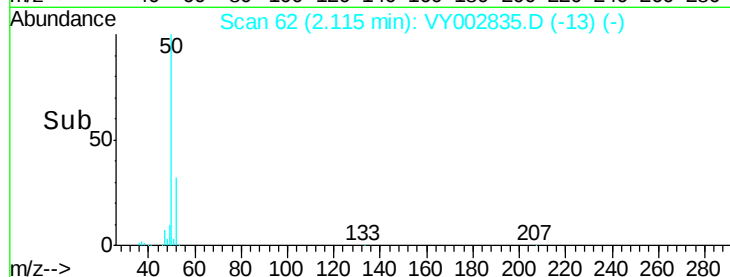
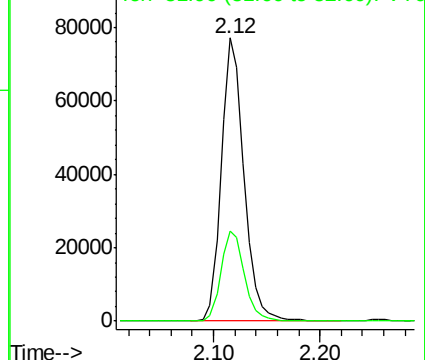
50 100

52 31.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.74 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002835.D

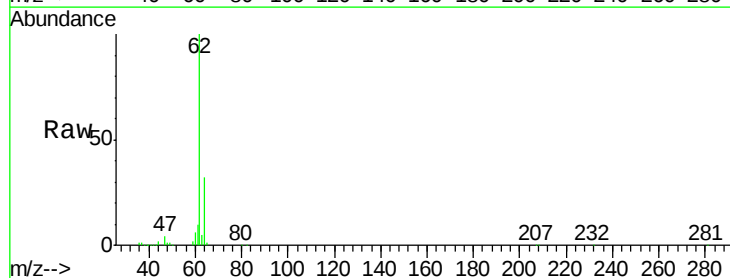
Acq: 04 Jun 2020 12:07

Tgt Ion: 62 Resp: 130839

Ion Ratio Lower Upper

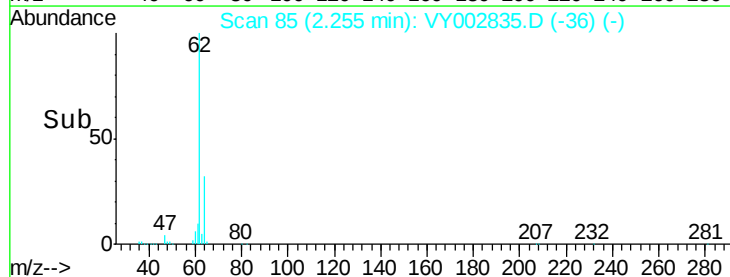
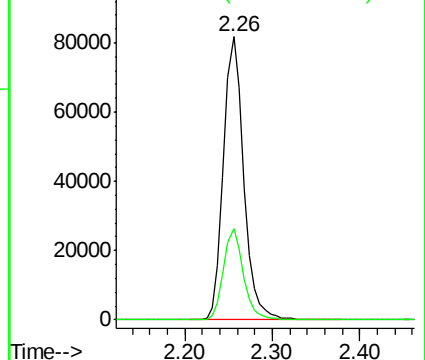
62 100

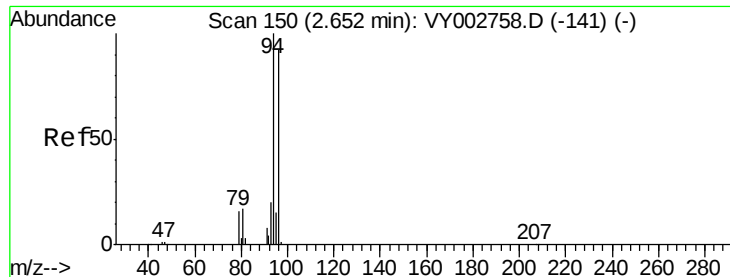
64 32.1 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 43.20 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

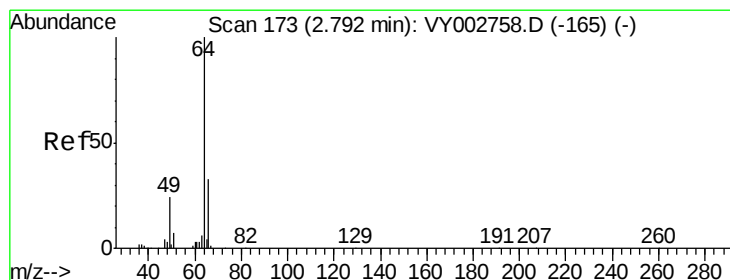
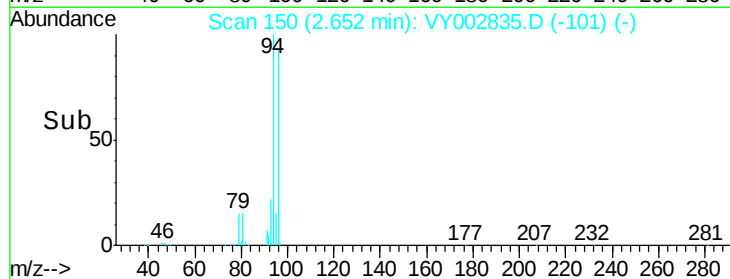
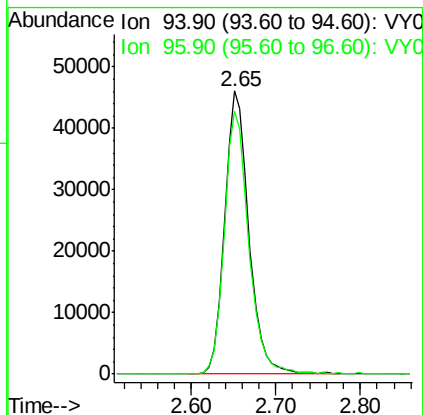
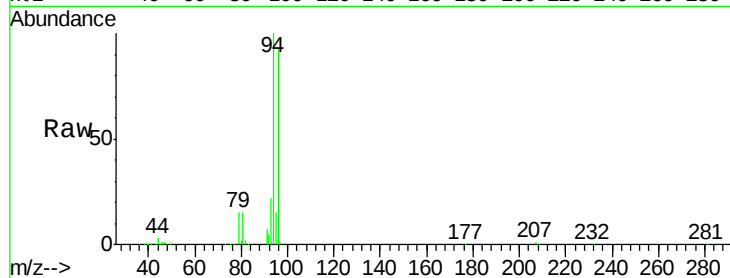
VSTDCCC050

Tgt Ion: 94 Resp: 90627

Ion Ratio Lower Upper

94 100

96 93.1 73.7 110.5



#6

Chloroethane

Concen: 45.04 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002835.D

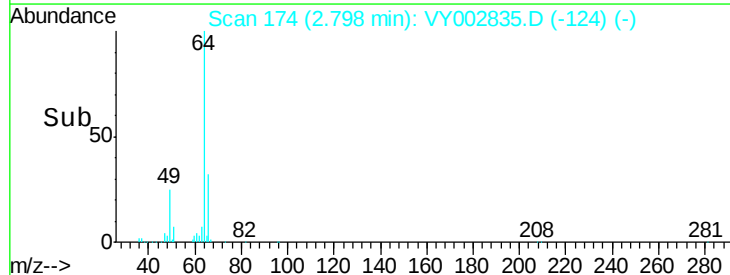
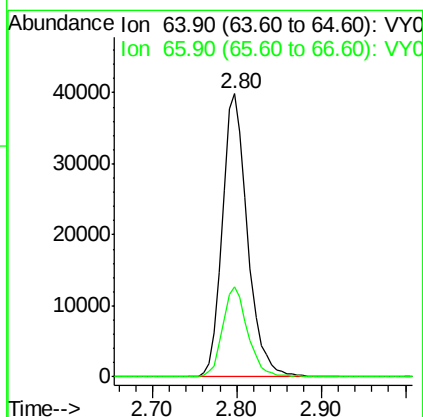
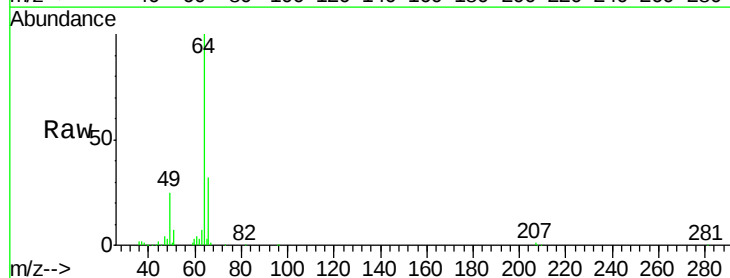
Acq: 04 Jun 2020 12:07

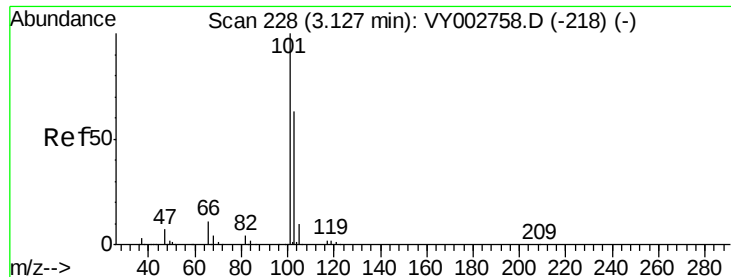
Tgt Ion: 64 Resp: 81741

Ion Ratio Lower Upper

64 100

66 31.9 26.4 39.6



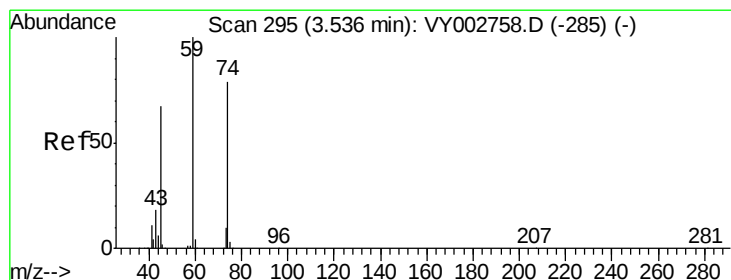
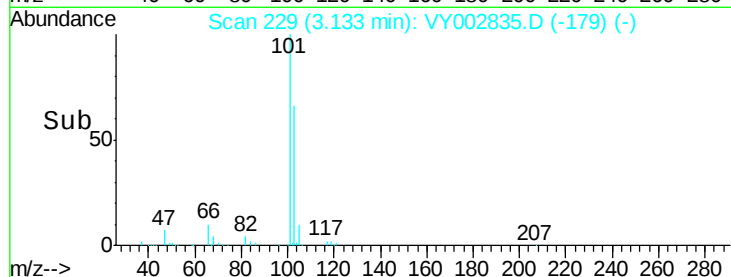
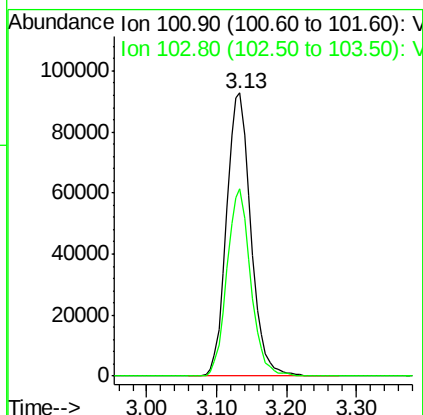
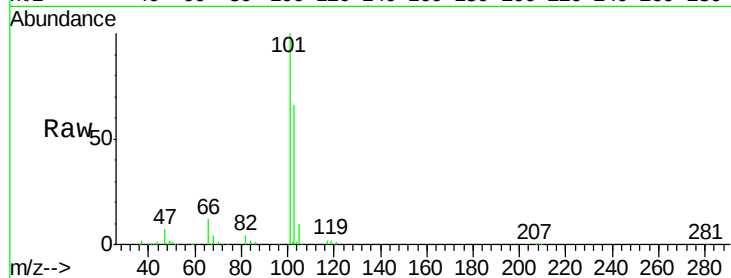


#7

Trichlorofluoromethane
Concen: 45.24 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

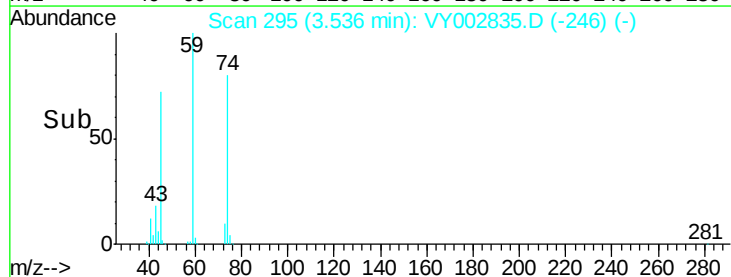
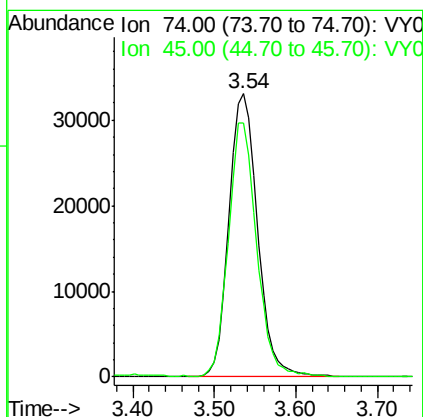
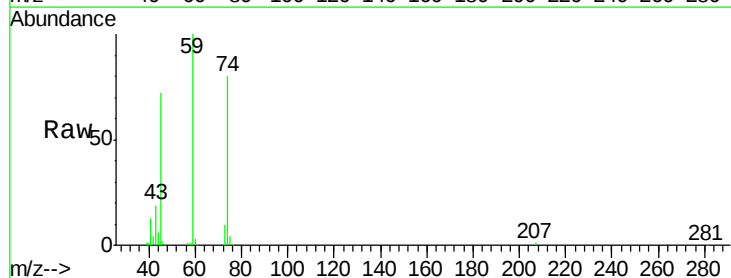
Tgt Ion:101 Resp: 224283
Ion Ratio Lower Upper
101 100
103 66.1 50.6 76.0

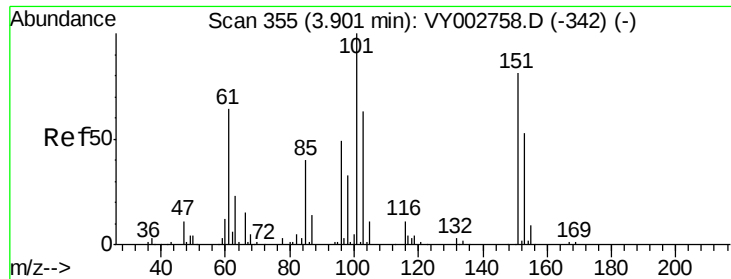


#8

Diethyl Ether
Concen: 41.36 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 74 Resp: 80076
Ion Ratio Lower Upper
74 100
45 89.1 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.78 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

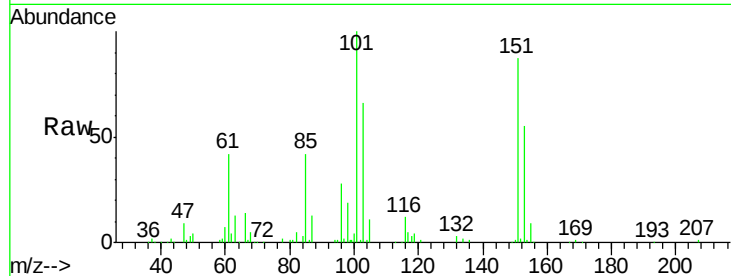
Tgt Ion:101 Resp: 140644

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

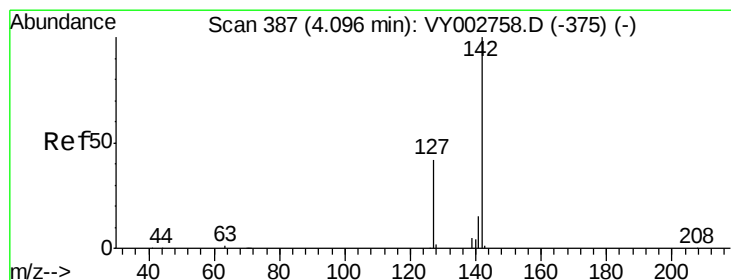
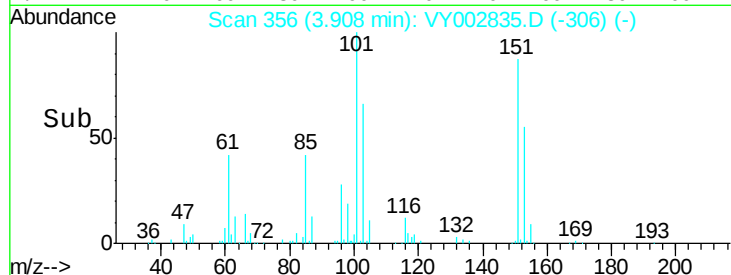
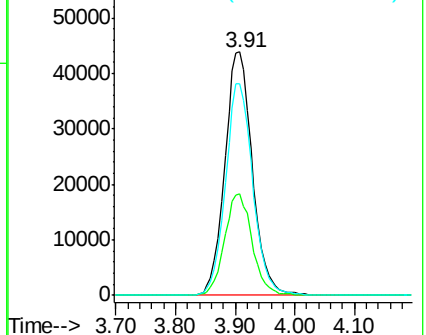
151 86.5 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.37 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

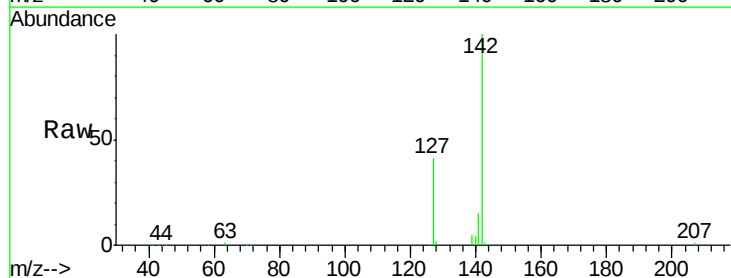
Tgt Ion:142 Resp: 191012

Ion Ratio Lower Upper

142 100

127 40.6 33.3 49.9

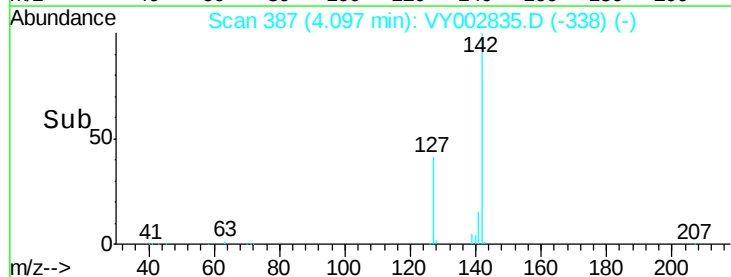
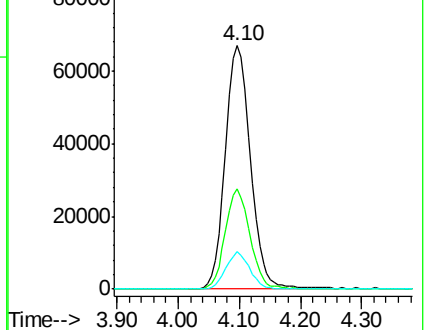
141 14.5 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

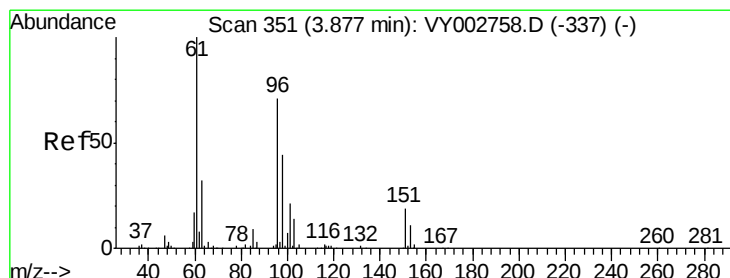
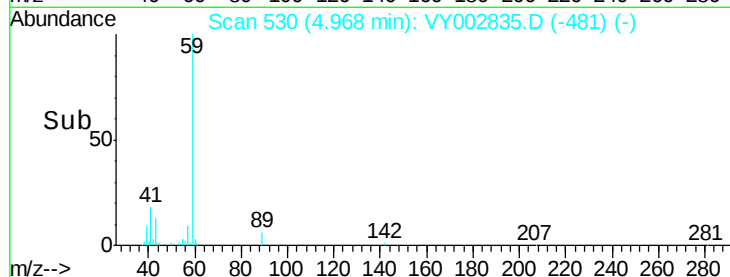
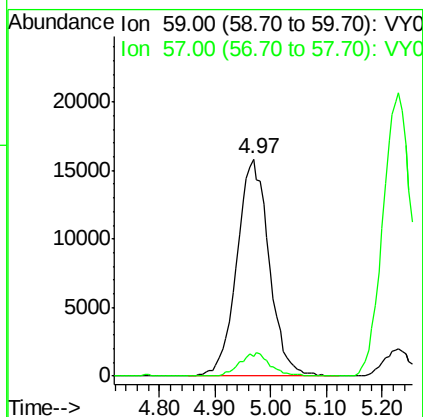
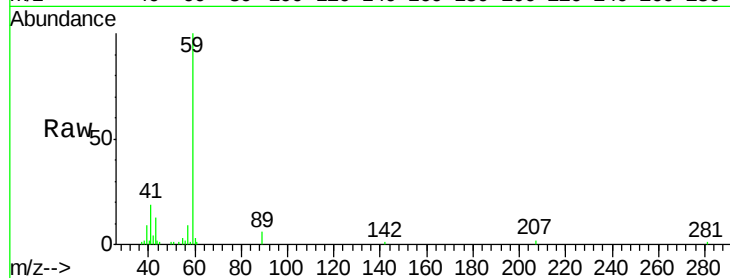




#11
Tert butyl alcohol
Concen: 193.41 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

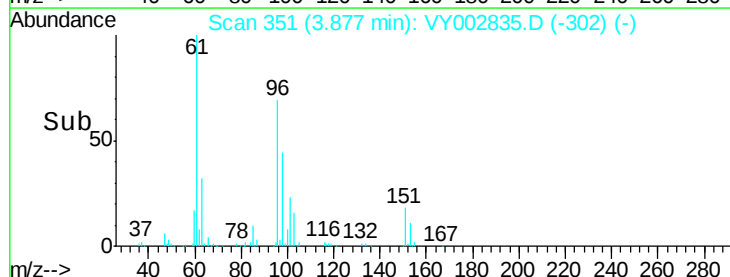
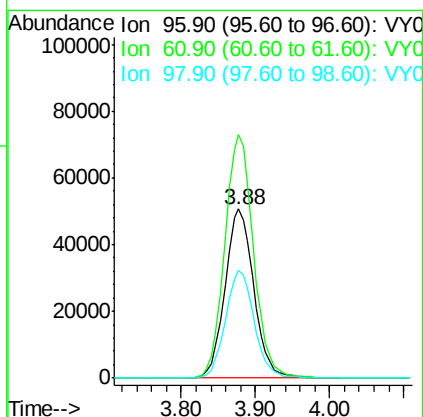
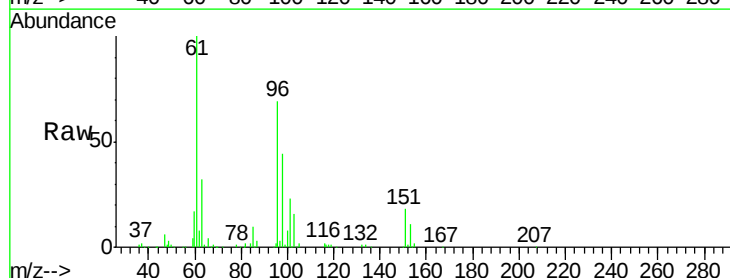
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

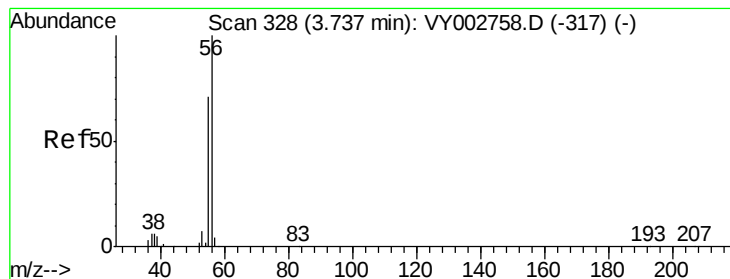
Tgt Ion: 59 Resp: 63748
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 46.08 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 96 Resp: 136428
Ion Ratio Lower Upper
96 100
61 144.1 112.6 168.8
98 64.0 50.0 75.0





#13

Acrolein

Concen: 254.30 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

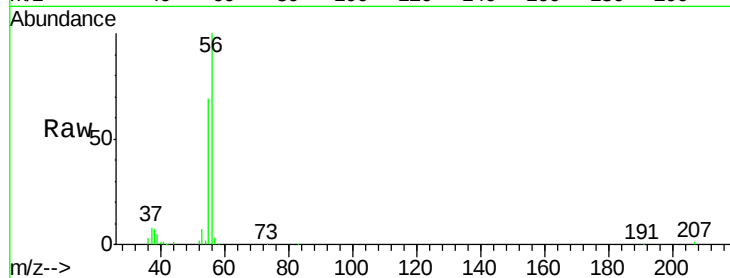
VSTDCCC050

Tgt Ion: 56 Resp: 90043

Ion Ratio Lower Upper

56 100

55 68.9 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

40000

30000

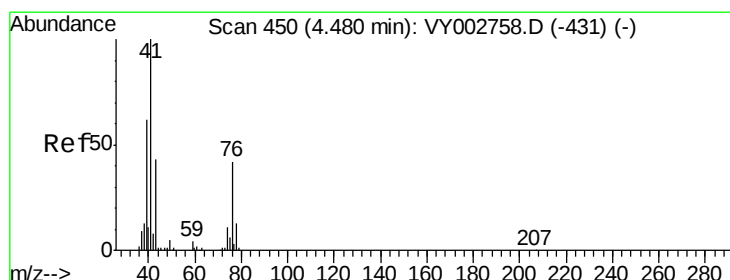
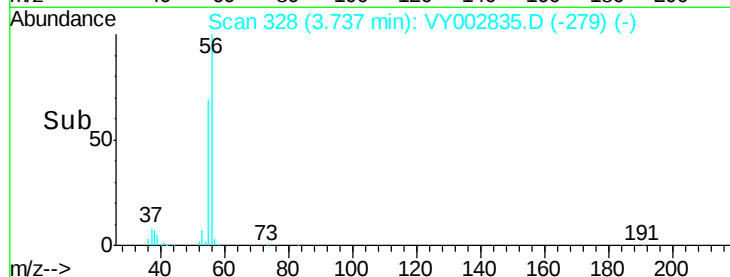
20000

10000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 47.62 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

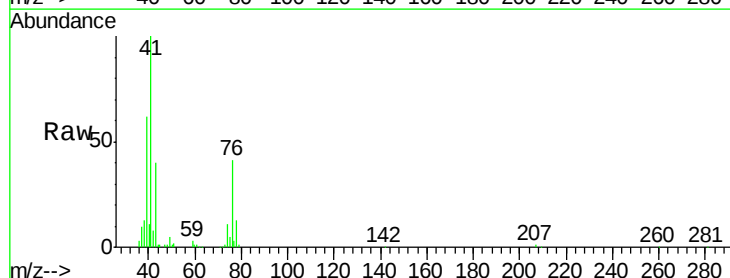
Tgt Ion: 41 Resp: 202169

Ion Ratio Lower Upper

41 100

39 61.6 49.9 74.9

76 40.5 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

150000

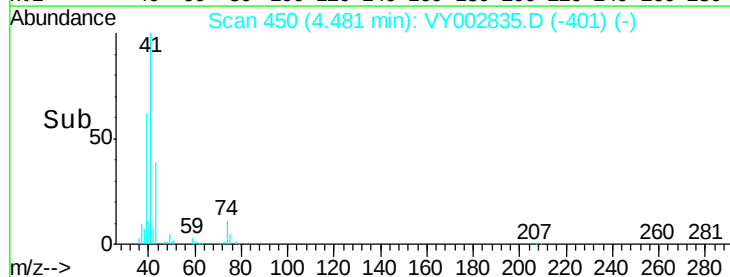
100000

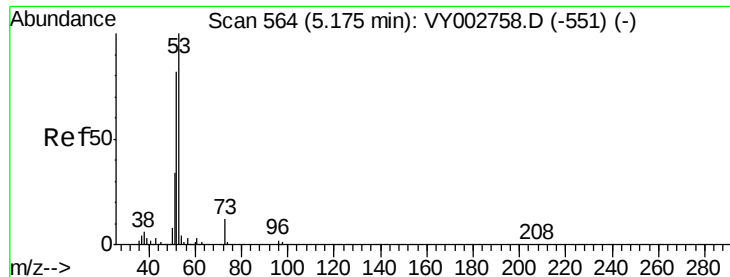
50000

0

Time-->

4.40 4.48 4.60





#15

Acrylonitrile

Concen: 214.19 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

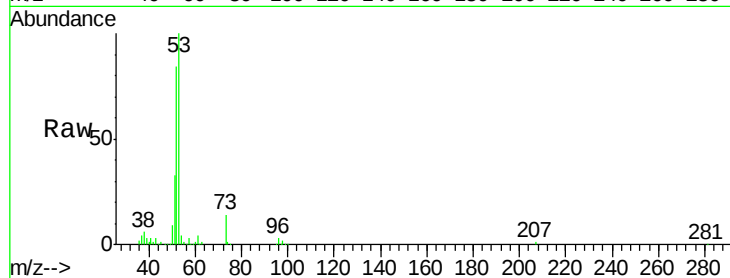
Tgt Ion: 53 Resp: 187069

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

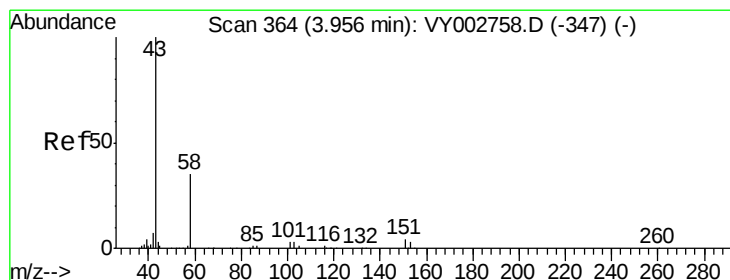
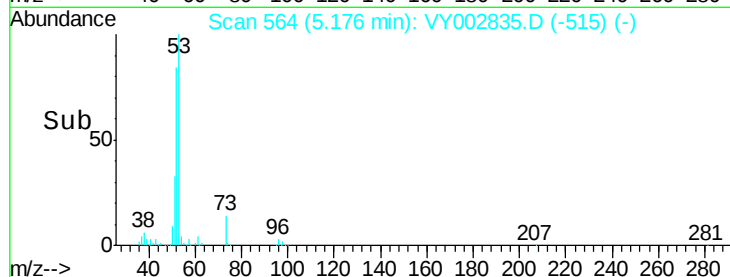
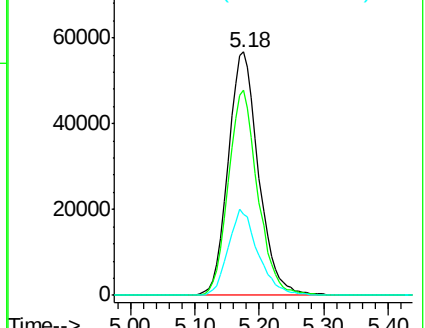
51 35.0 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 254.12 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002835.D

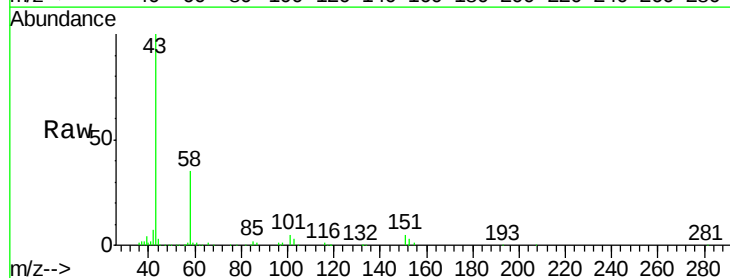
Acq: 04 Jun 2020 12:07

Tgt Ion: 43 Resp: 180046

Ion Ratio Lower Upper

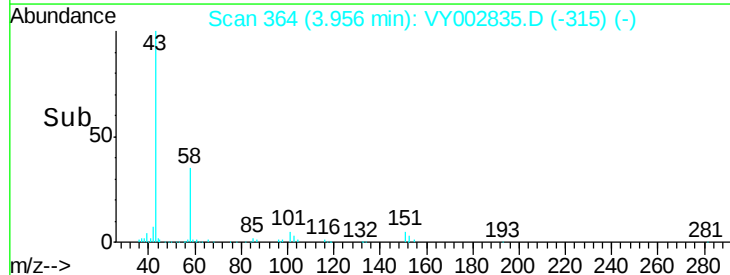
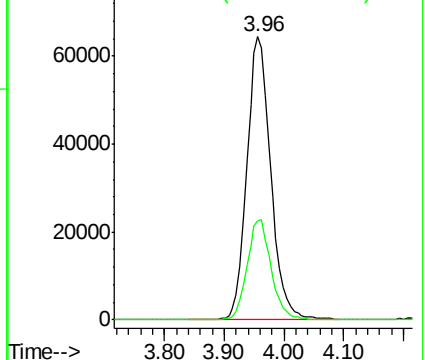
43 100

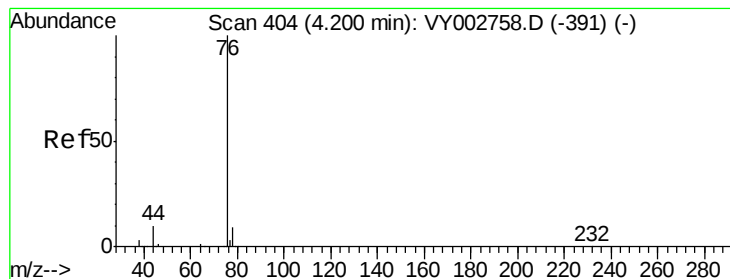
58 35.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 43.37 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

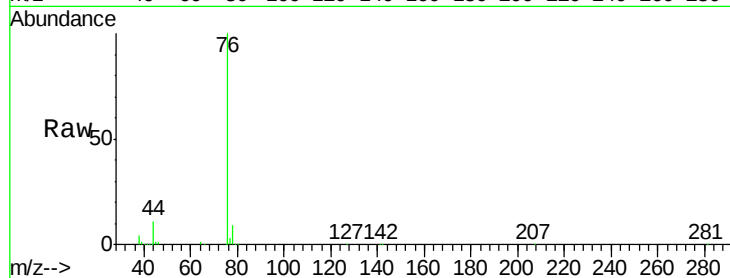
VSTDCCC050

Tgt Ion: 76 Resp: 388019

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

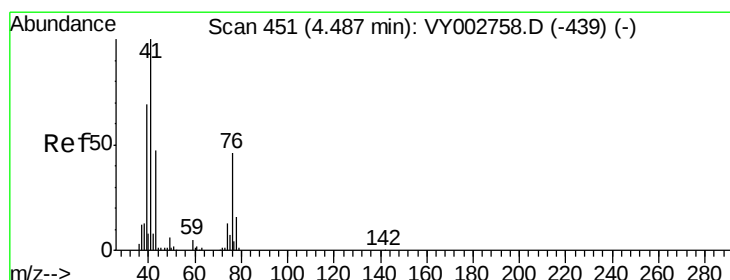
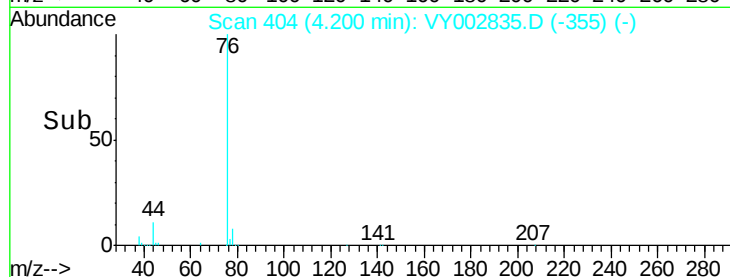
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 43.49 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002835.D

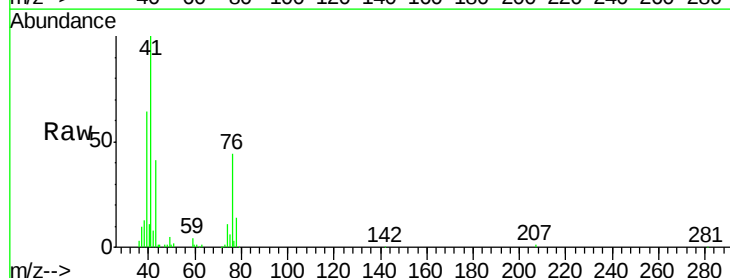
Acq: 04 Jun 2020 12:07

Tgt Ion: 43 Resp: 77534

Ion Ratio Lower Upper

43 100

74 26.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

30000

25000

20000

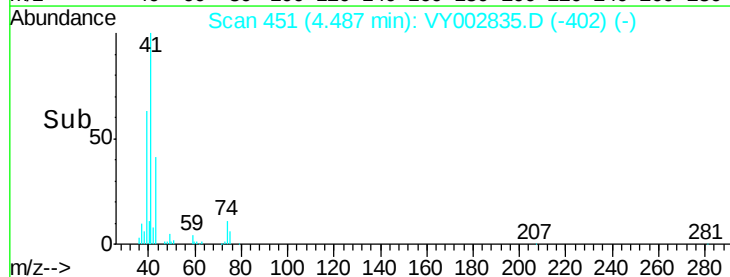
15000

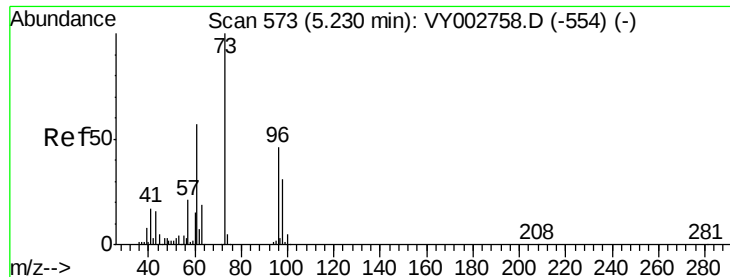
10000

5000

0

Time--> 4.40 4.50 4.60

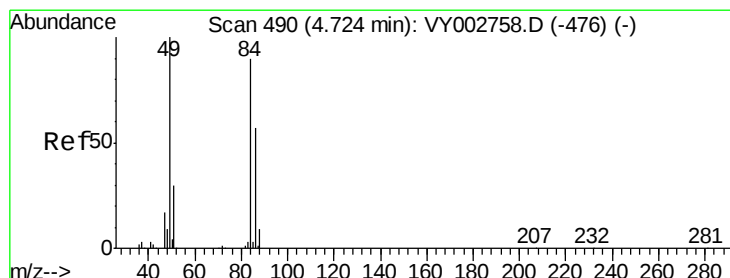
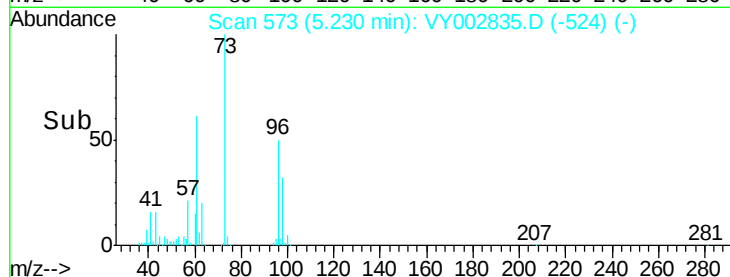
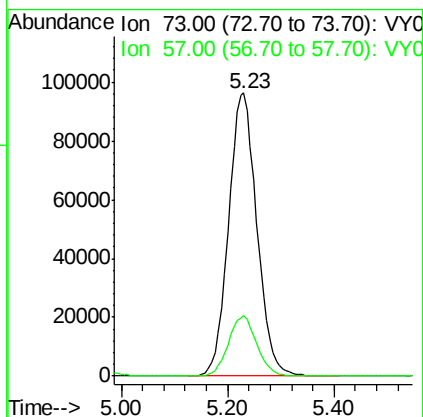
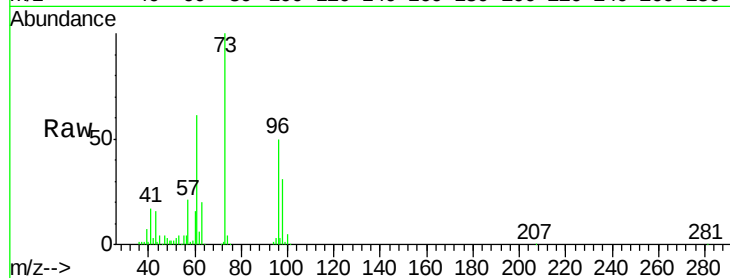




#19
Methyl tert-butyl Ether
Concen: 43.61 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

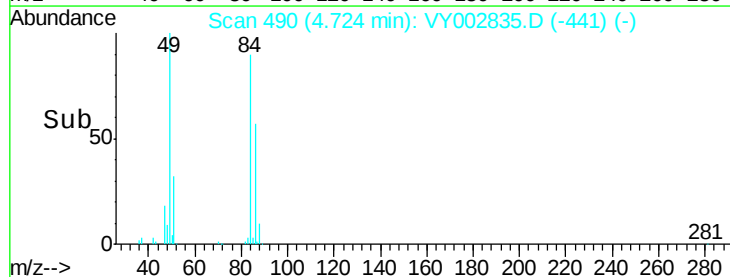
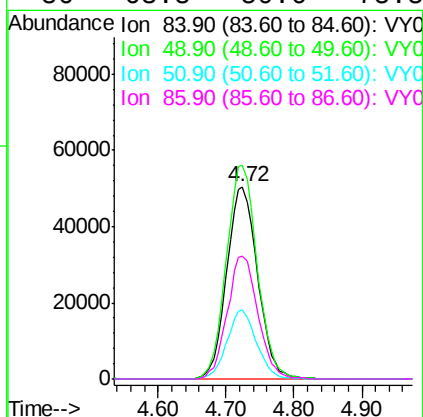
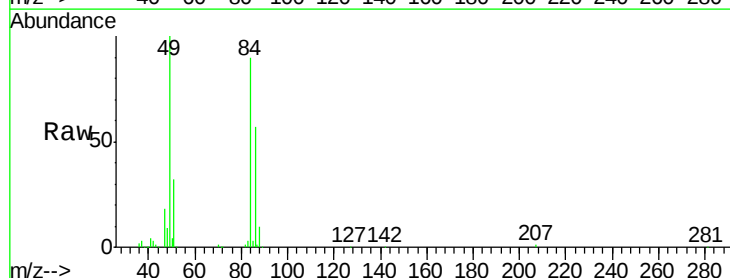
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 356439
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4



#20
Methylene Chloride
Concen: 45.97 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 84 Resp: 159162
Ion Ratio Lower Upper
84 100
49 111.2 88.5 132.7
51 35.8 26.8 40.2
86 63.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 45.14 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

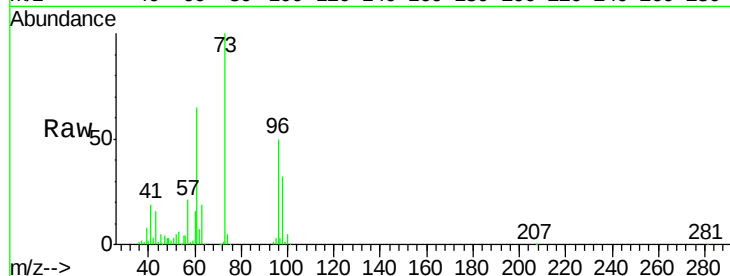
Tgt Ion: 96 Resp: 150267

Ion Ratio Lower Upper

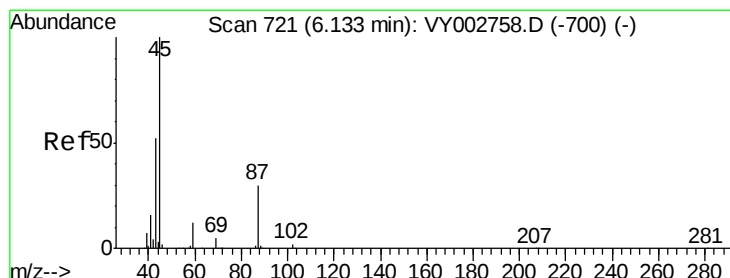
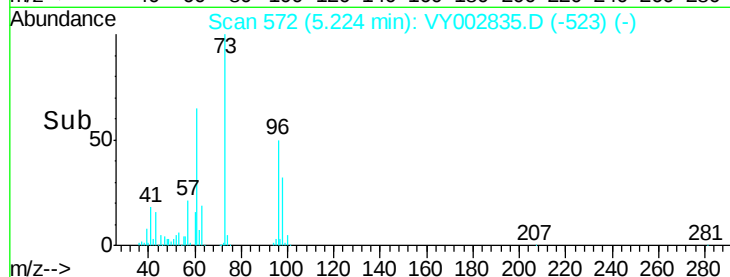
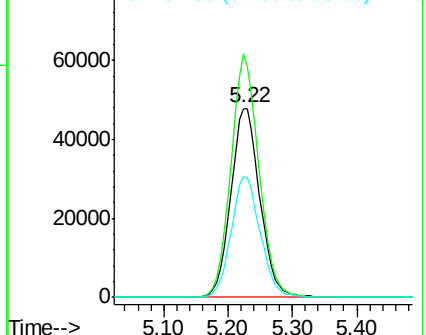
96 100

61 128.8 96.8 145.2

98 64.0 49.4 74.0



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



#22

Diisopropyl ether

Concen: 46.62 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Tgt Ion: 45 Resp: 411297

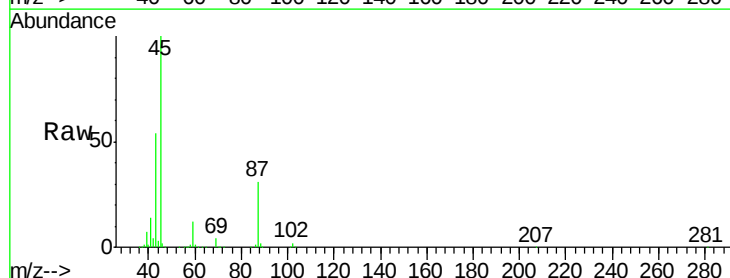
Ion Ratio Lower Upper

45 100

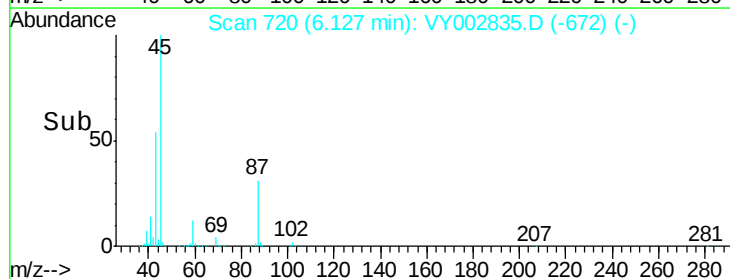
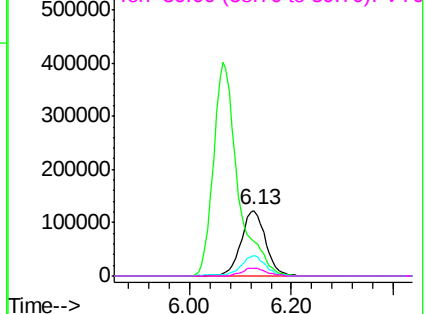
43 53.5 41.7 62.5

87 31.0 24.2 36.2

59 11.6 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 229.24 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

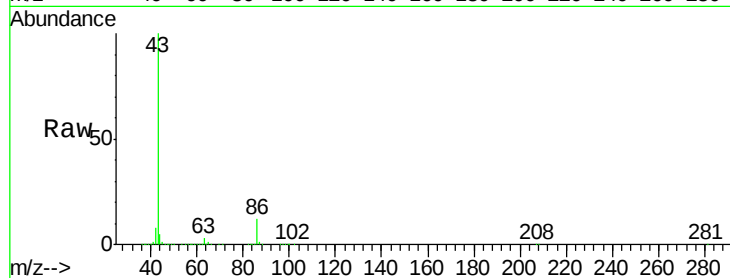
VSTDCCC050

Tgt Ion: 43 Resp: 1335407

Ion Ratio Lower Upper

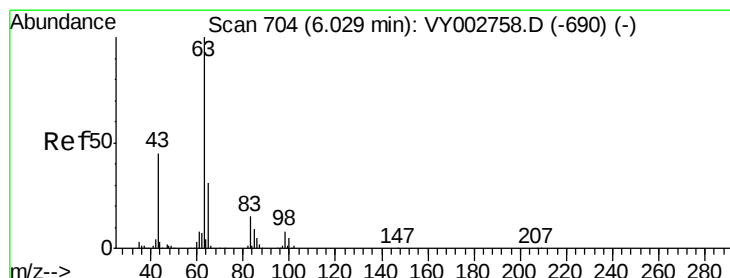
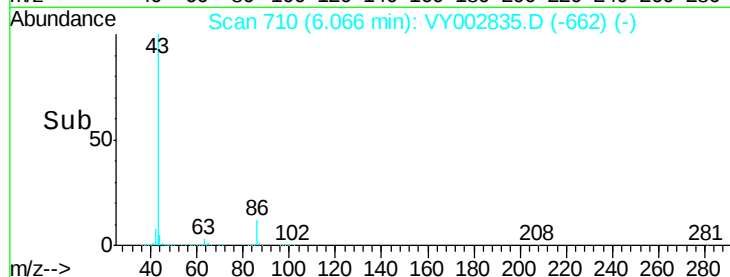
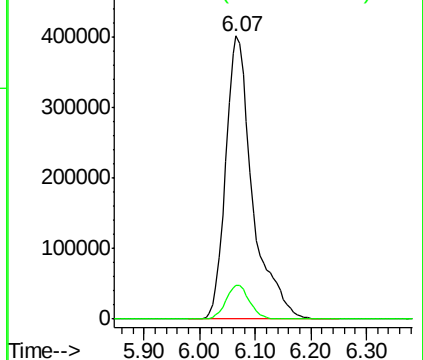
43 100

86 11.9 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 47.04 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

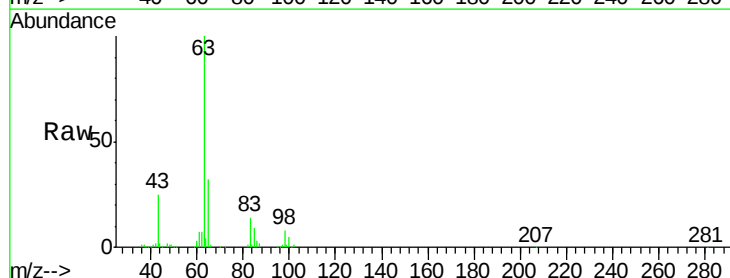
Tgt Ion: 63 Resp: 242787

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

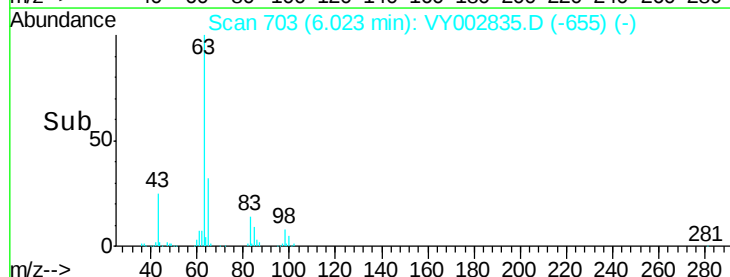
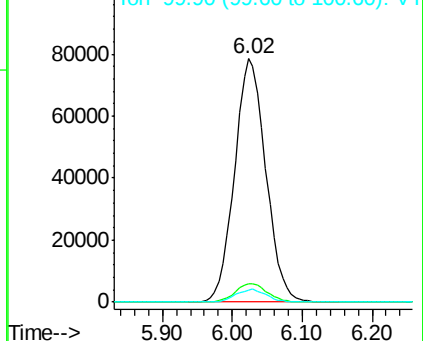
100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 219.62 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

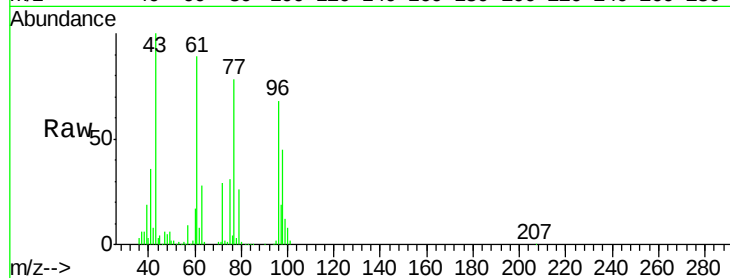
VSTDCCC050

Tgt Ion: 43 Resp: 242424

Ion Ratio Lower Upper

43 100

72 29.0 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

100000

80000

60000

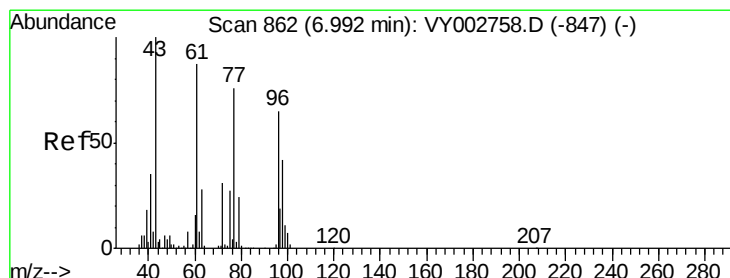
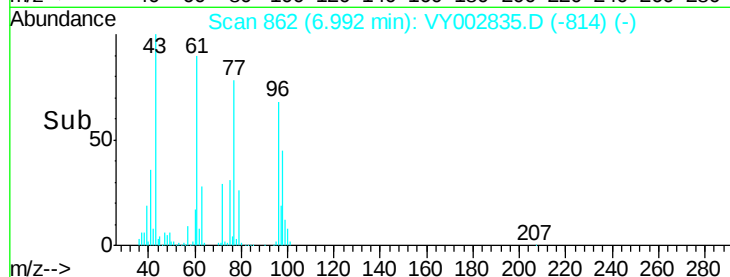
40000

20000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 45.09 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002835.D

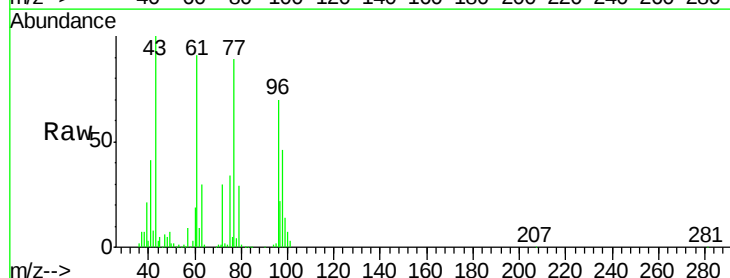
Acq: 04 Jun 2020 12:07

Tgt Ion: 77 Resp: 223186

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

80000

60000

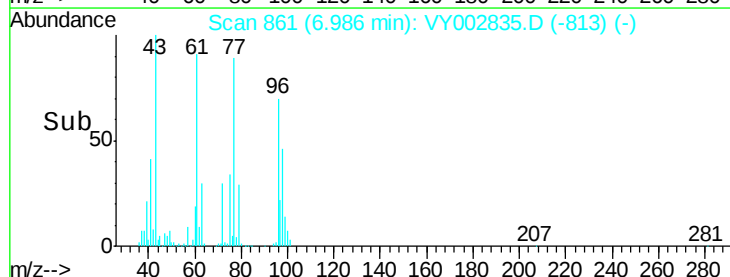
40000

20000

0

6.90 7.00 7.10

Time-->



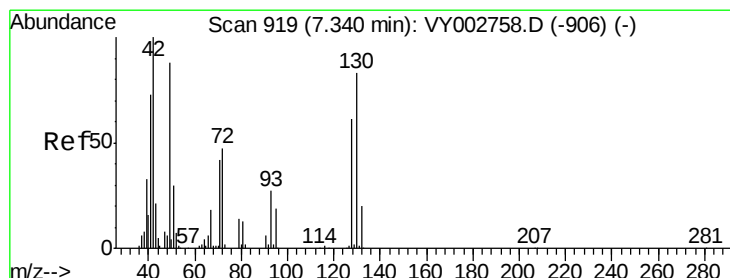
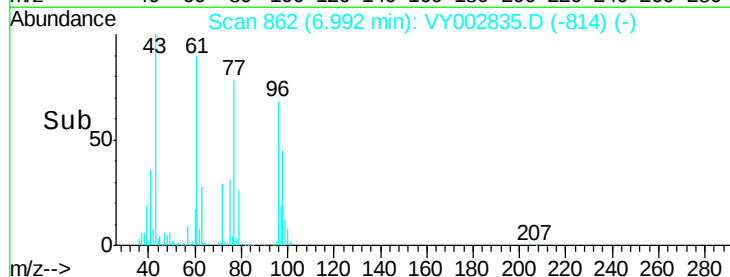
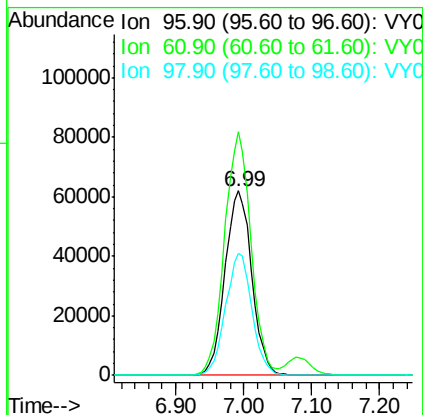
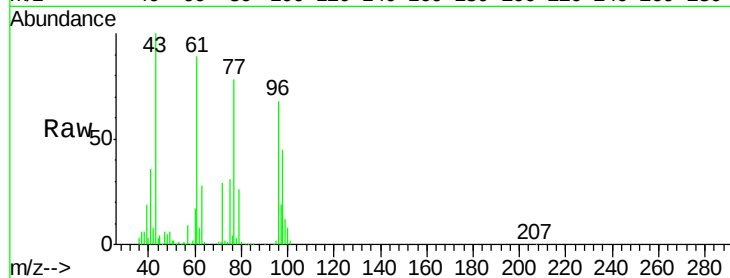


#27

cis-1,2-Dichloroethene
Concen: 45.24 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

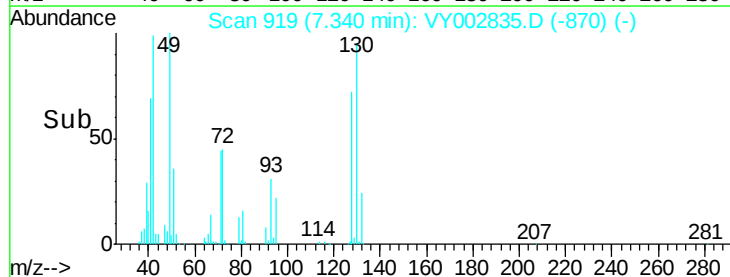
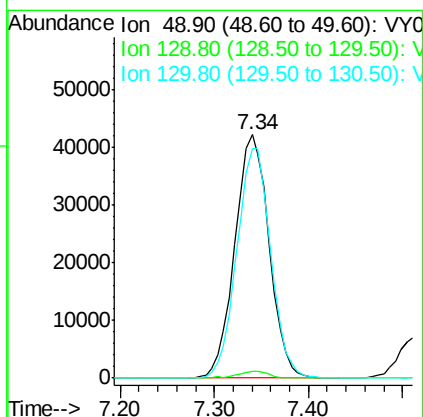
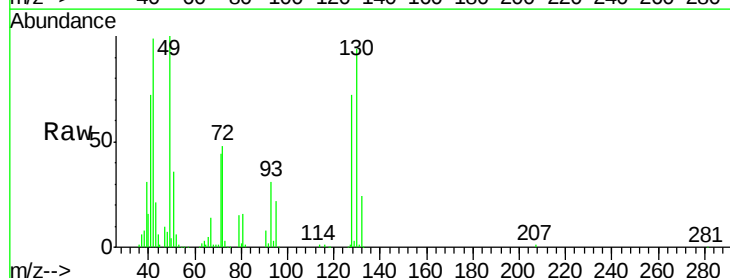
Tgt Ion: 96 Resp: 168616
Ion Ratio Lower Upper
96 100
61 130.1 0.0 260.2
98 65.2 0.0 128.2



#28

Bromochloromethane
Concen: 50.60 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 49 Resp: 107201
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.2
130 93.7 77.1 115.7





#29

Tetrahydrofuran

Concen: 206.98 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

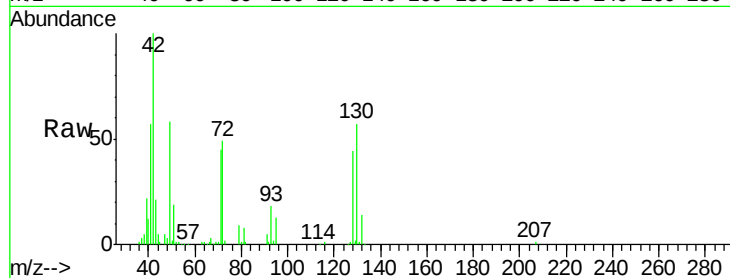
Tgt Ion: 42 Resp: 148616

Ion Ratio Lower Upper

42 100

72 48.1 38.6 58.0

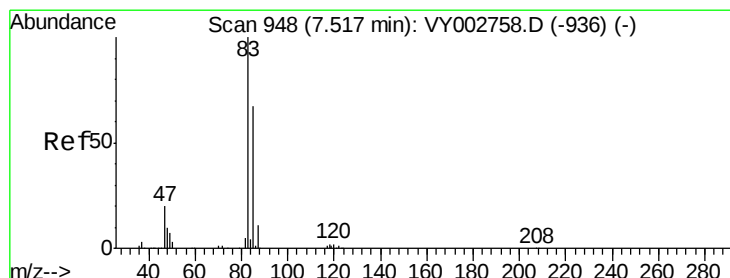
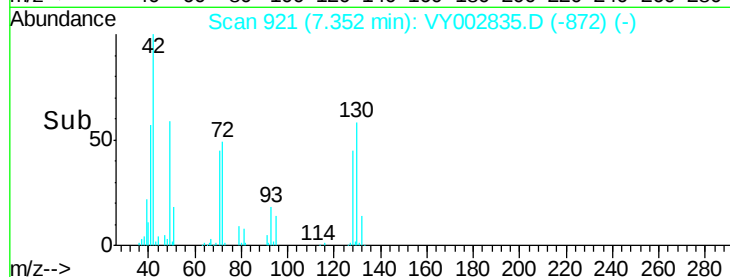
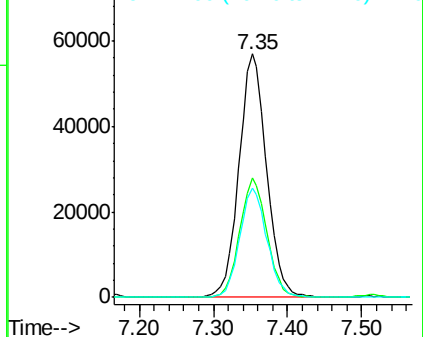
71 44.0 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 45.83 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002835.D

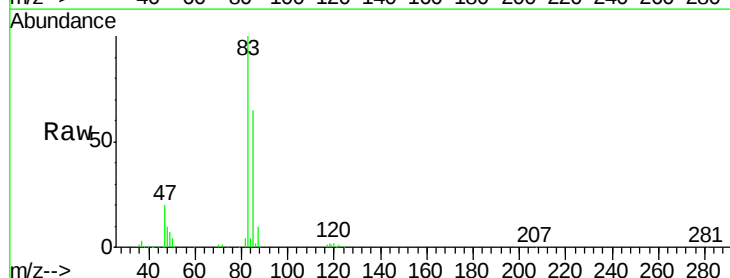
Acq: 04 Jun 2020 12:07

Tgt Ion: 83 Resp: 251009

Ion Ratio Lower Upper

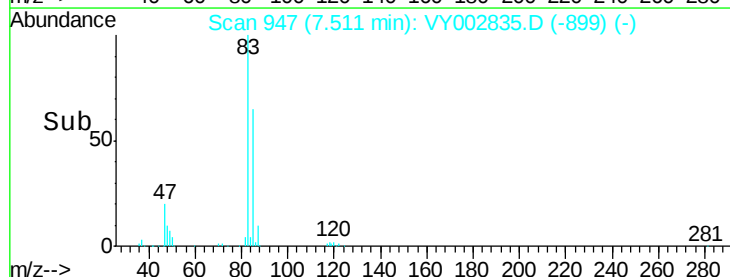
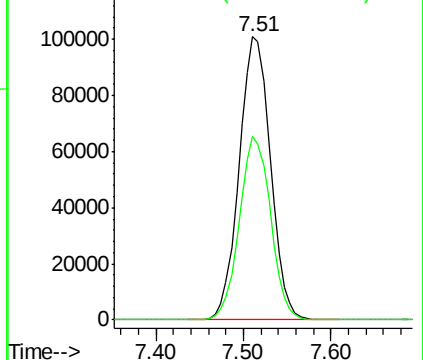
83 100

85 64.6 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 44.28 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

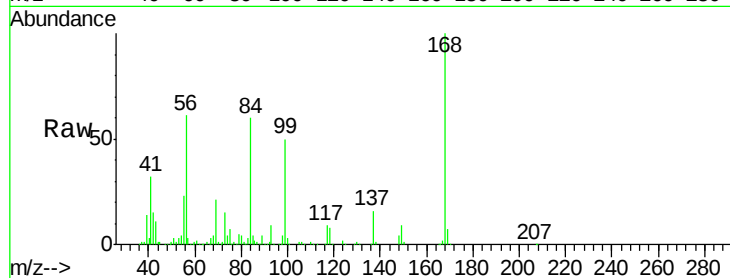
Tgt Ion: 56 Resp: 226903

Ion Ratio Lower Upper

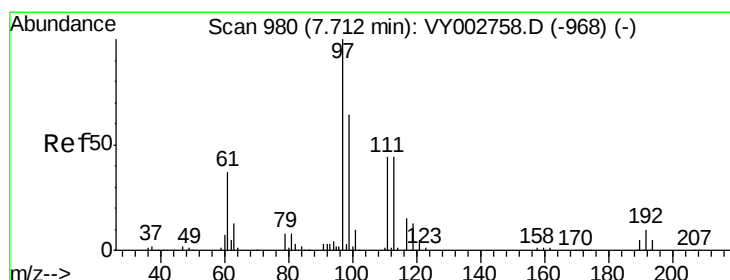
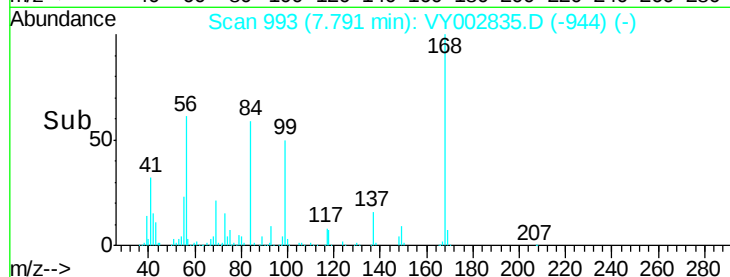
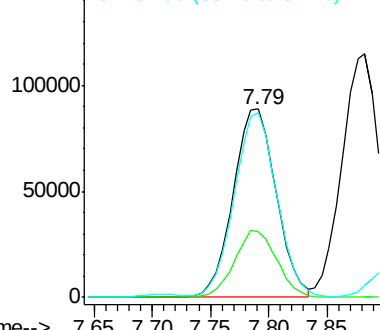
56 100

69 34.6 28.0 42.0

84 96.1 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 45.28 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

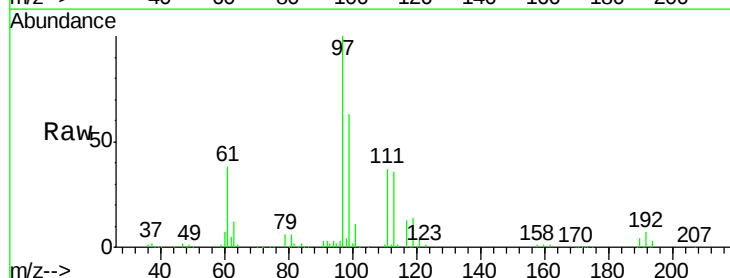
Tgt Ion: 97 Resp: 231071

Ion Ratio Lower Upper

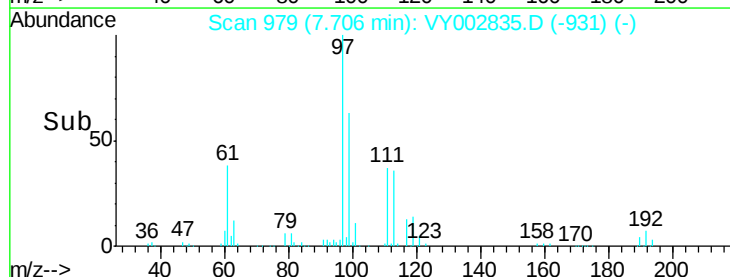
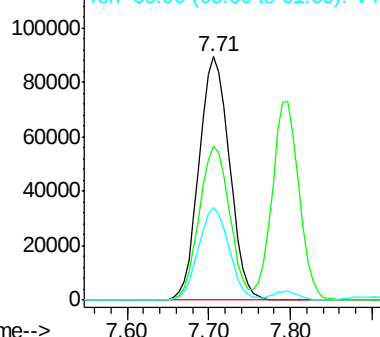
97 100

99 63.6 51.4 77.0

61 38.2 30.1 45.1



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

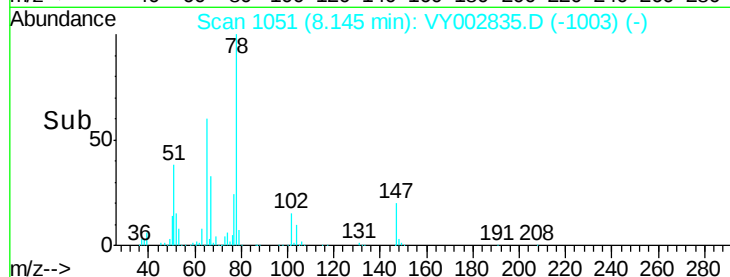
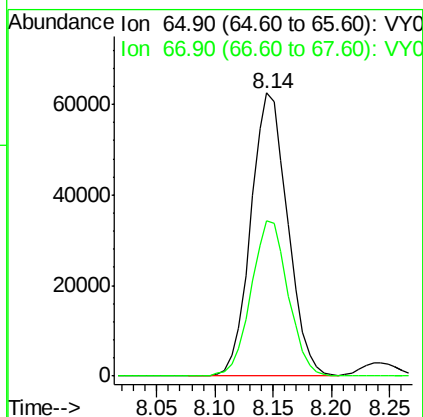
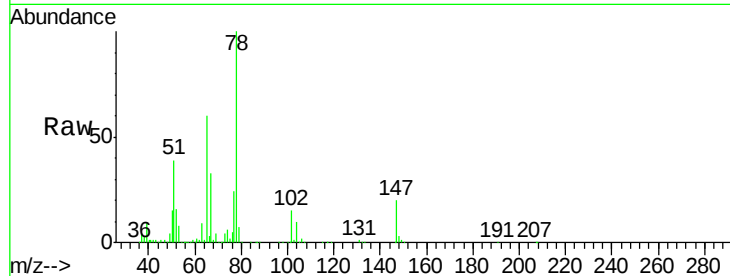




#33
 1,2-Dichloroethane-d4
 Concen: 45.46 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

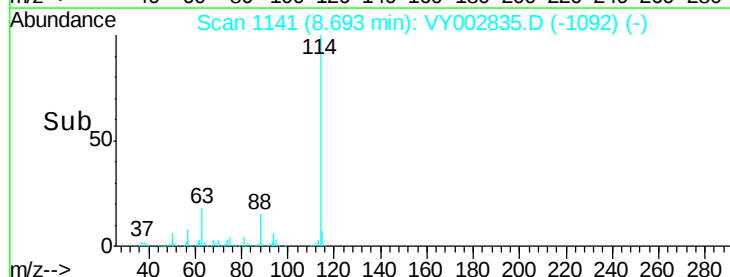
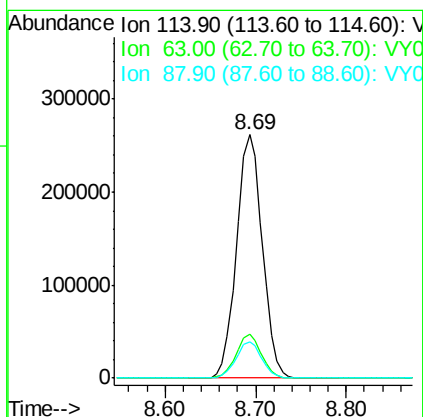
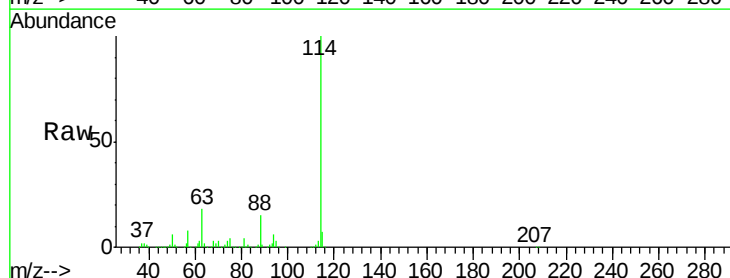
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 137360
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

Tgt Ion: 114 Resp: 514086
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.7 0.0 29.2

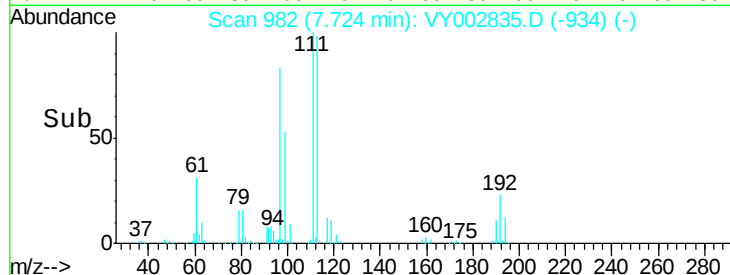
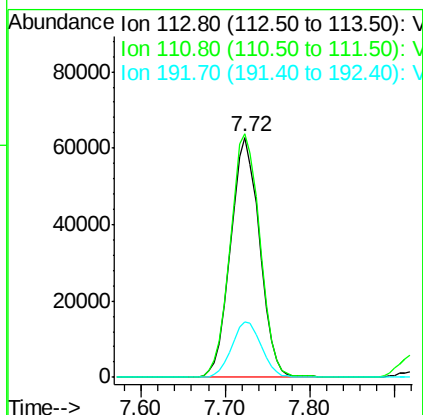
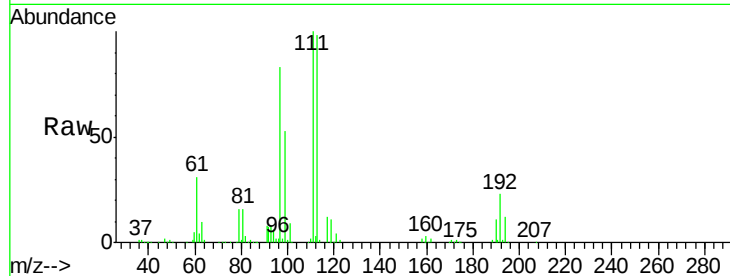




#35
 Dibromofluoromethane
 Concen: 48.64 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

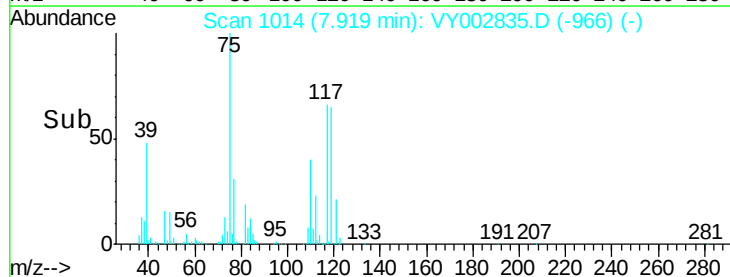
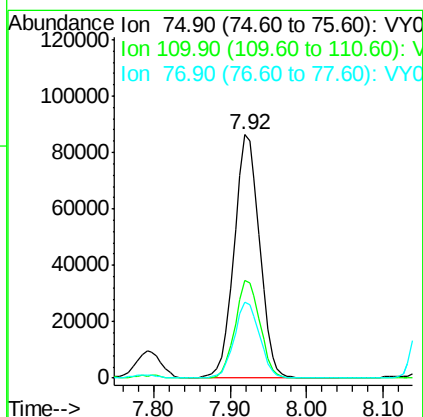
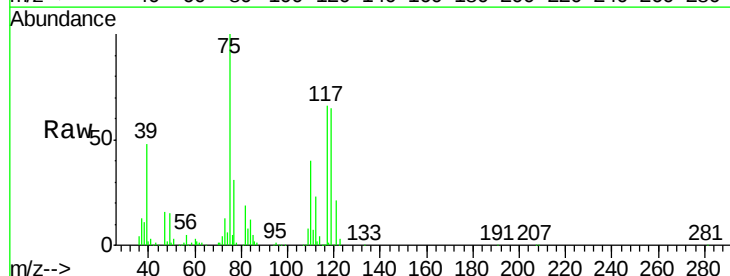
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

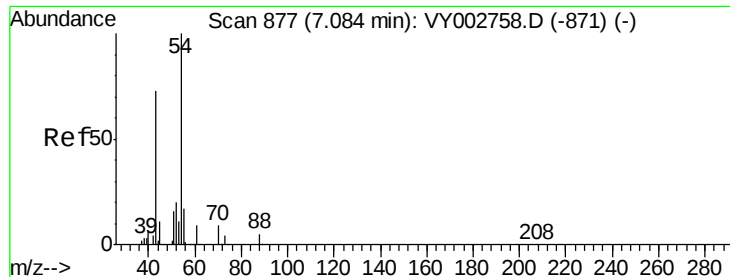
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	23.7	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 45.84 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.3	57.9
77	31.1	24.8	37.2

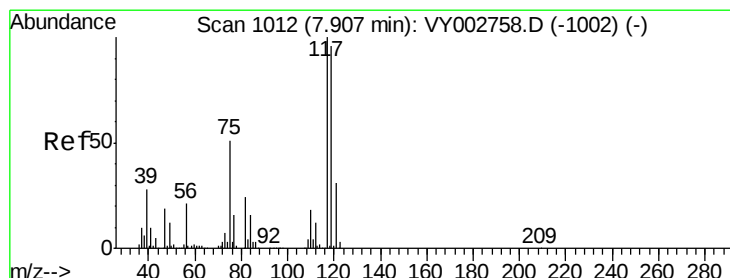
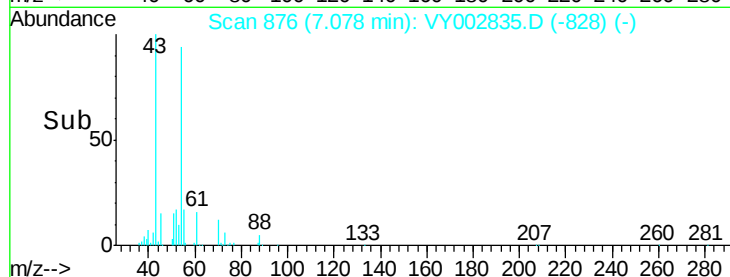
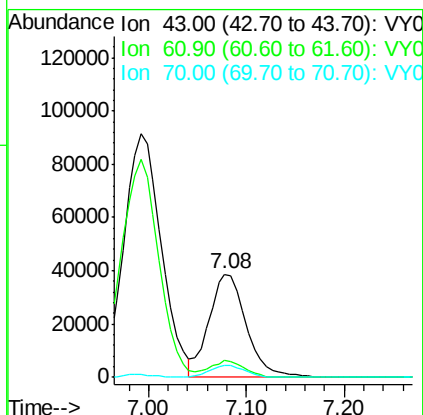
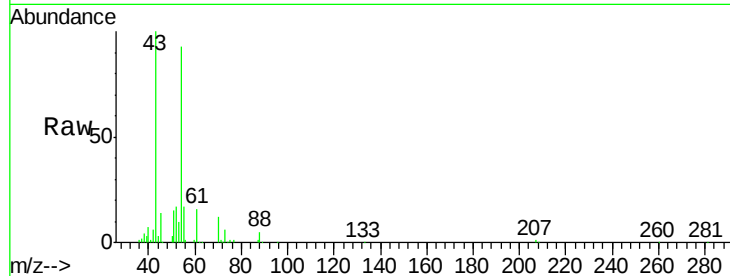




#37
Ethyl Acetate
Concen: 43.28 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

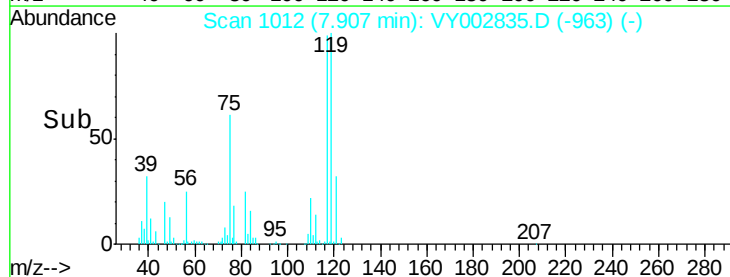
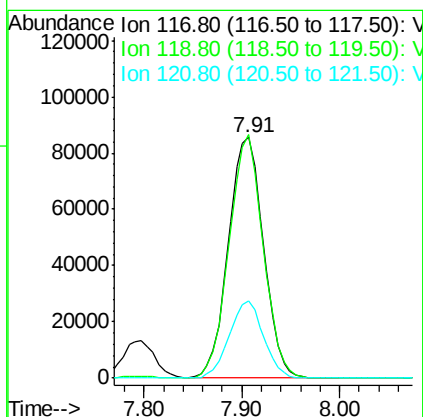
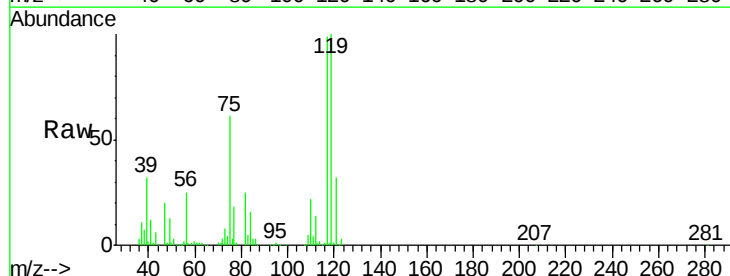
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

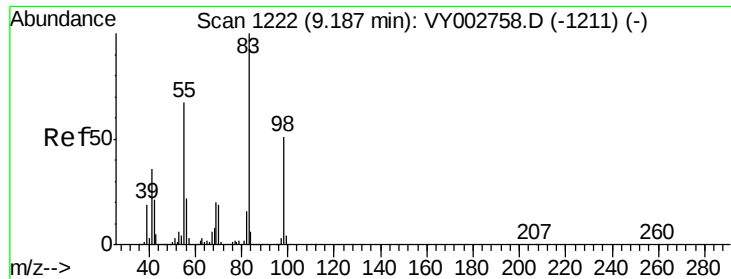
Tgt Ion: 43 Resp: 101982
Ion Ratio Lower Upper
43 100
61 15.5 11.9 17.9
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 44.41 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 117 Resp: 213653
Ion Ratio Lower Upper
117 100
119 101.1 76.8 115.2
121 31.9 24.8 37.2

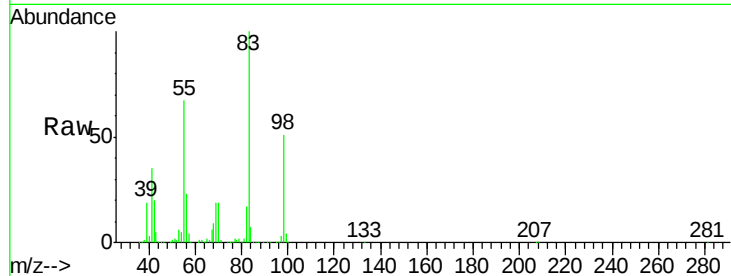




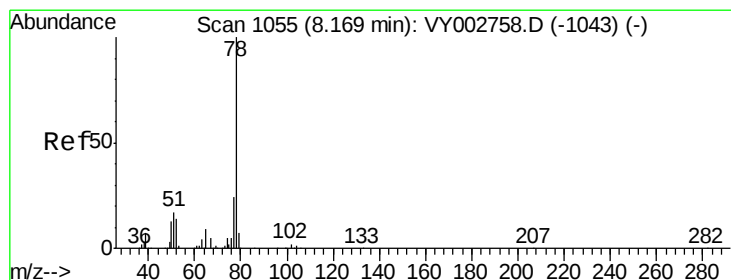
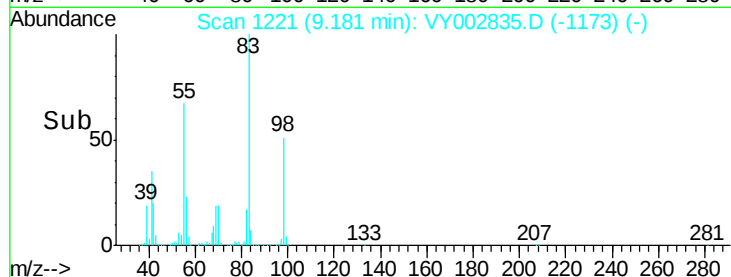
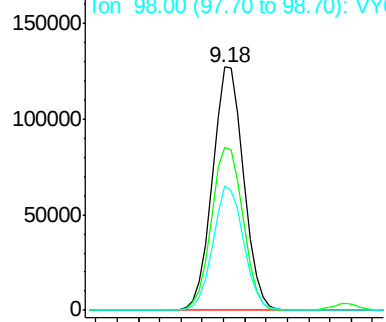
#39
Methylcyclohexane
Concen: 45.92 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 262094
Ion Ratio Lower Upper
83 100
55 67.1 53.3 79.9
98 51.2 41.1 61.7

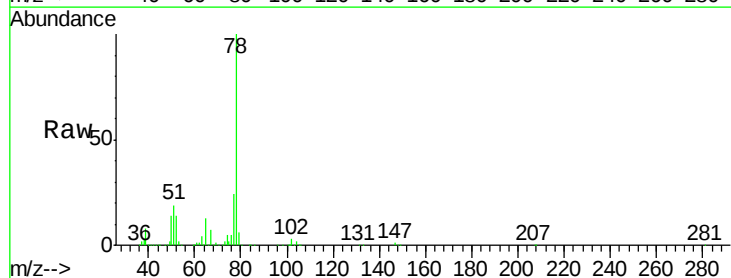


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

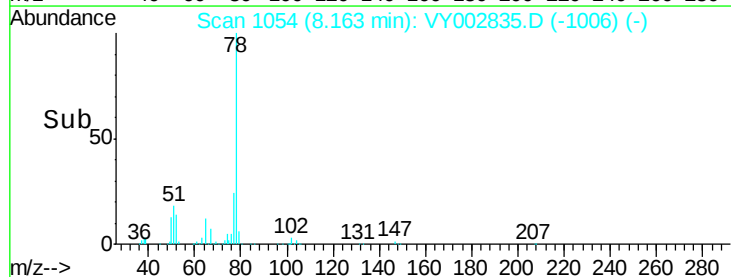
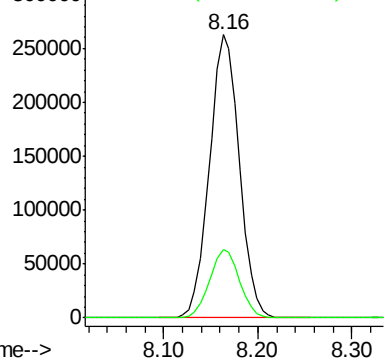


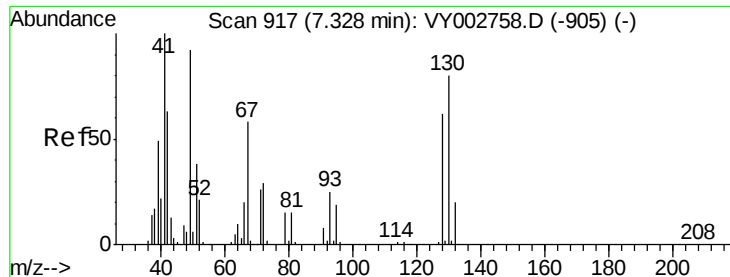
#40
Benzene
Concen: 45.44 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 78 Resp: 581411
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

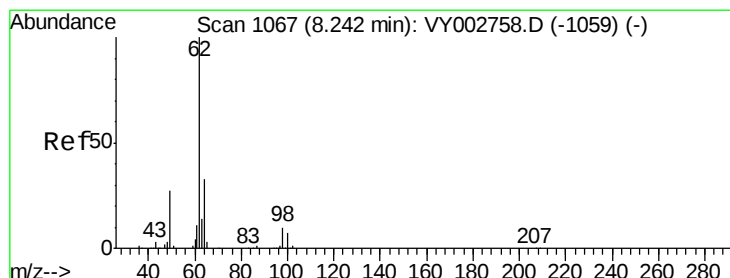
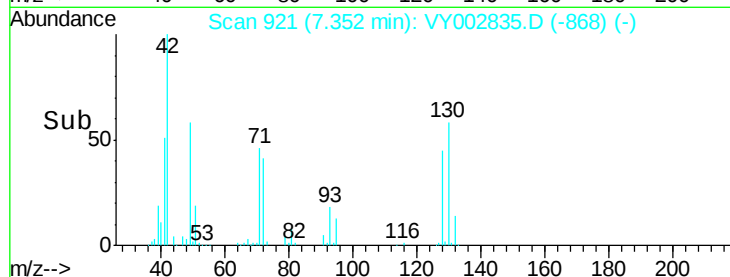
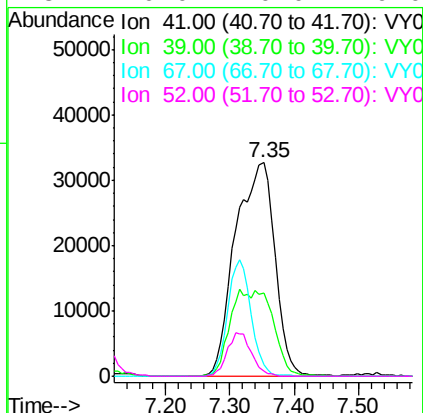
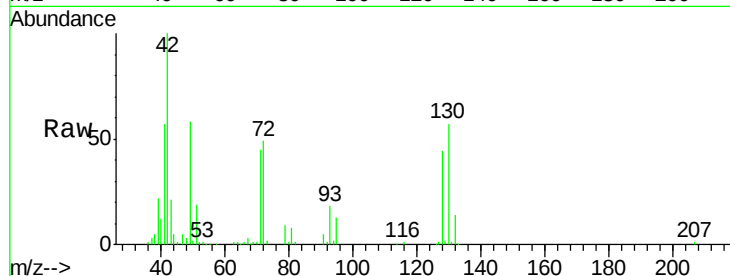




#41
Methacrylonitrile
Concen: 109.38 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

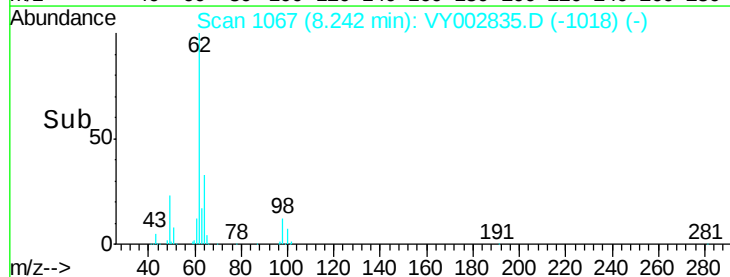
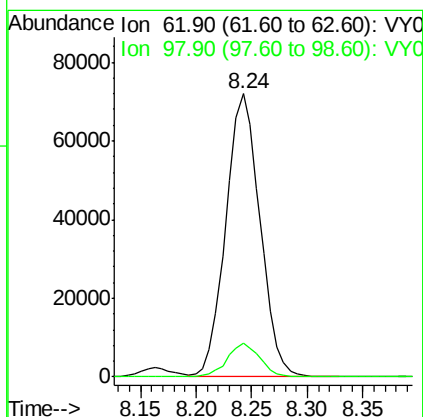
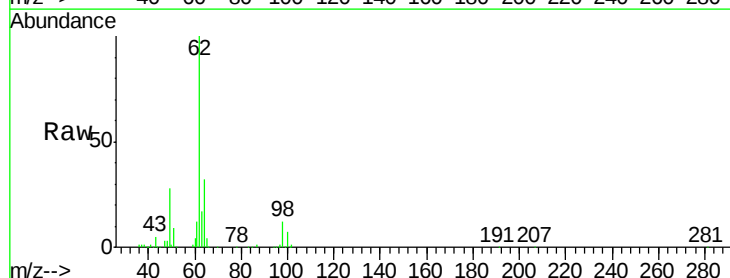
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

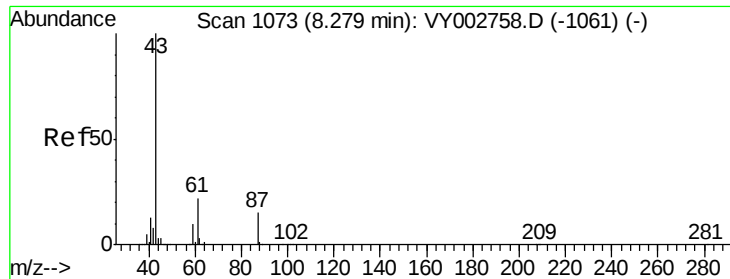
Tgt Ion: 41 Resp: 138454
Ion Ratio Lower Upper
41 100
39 0.0 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 42.79 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 62 Resp: 153448
Ion Ratio Lower Upper
62 100
98 11.4 0.0 22.6





#43

Isopropyl Acetate

Concen: 43.13 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

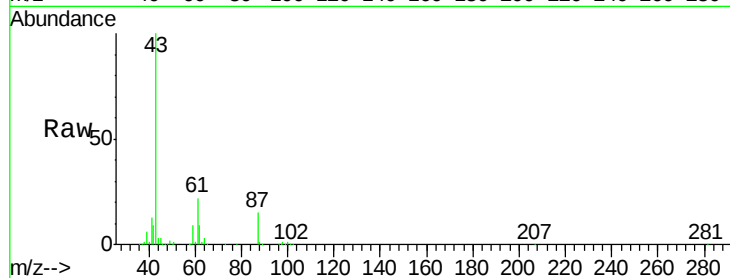
Tgt Ion: 43 Resp: 192559

Ion Ratio Lower Upper

43 100

61 30.6 24.8 37.2

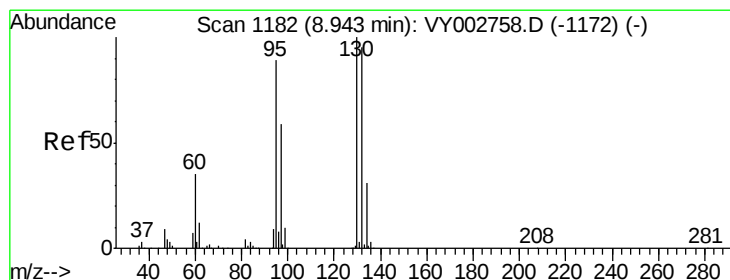
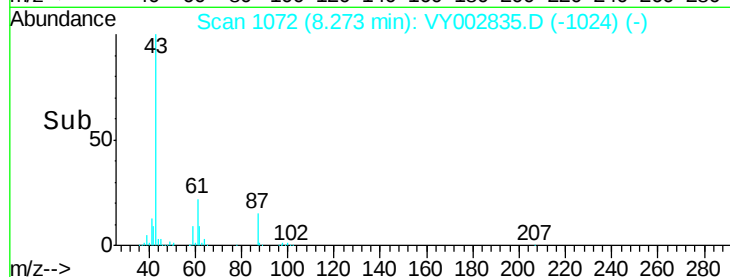
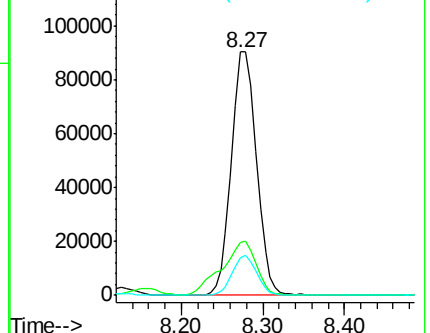
87 15.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002835.D (-1072) (-)

Ion 61.00 (60.70 to 61.70): VY002835.D (-1072) (-)

Ion 87.00 (86.70 to 87.70): VY002835.D (-1072) (-)



#44

Trichloroethene

Concen: 44.86 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002835.D

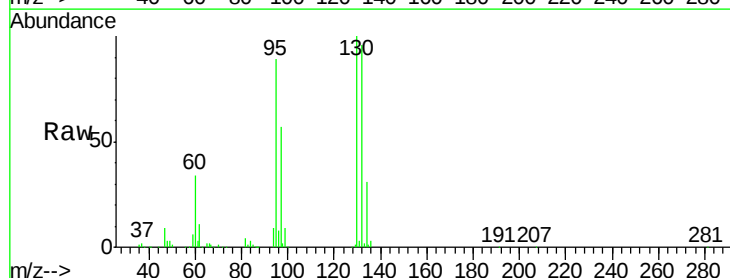
Acq: 04 Jun 2020 12:07

Tgt Ion: 130 Resp: 181329

Ion Ratio Lower Upper

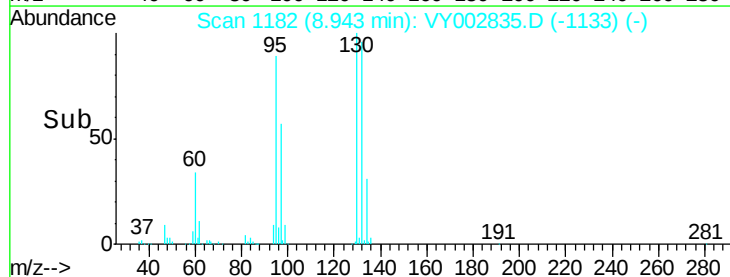
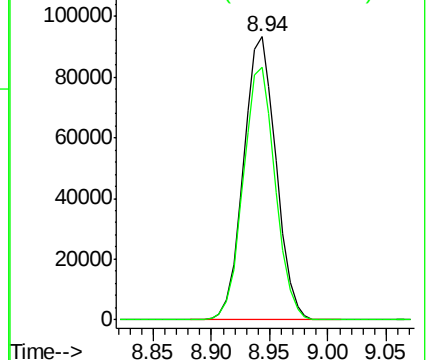
130 100

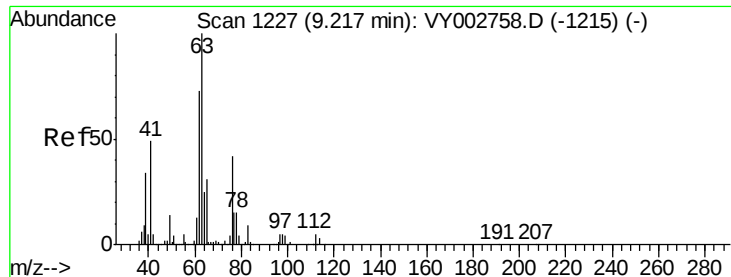
95 89.2 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002835.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY002835.D (-1182) (-)

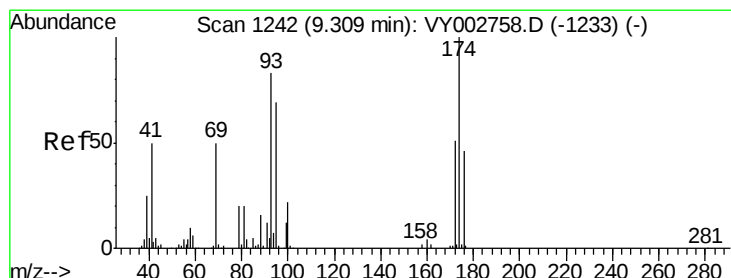
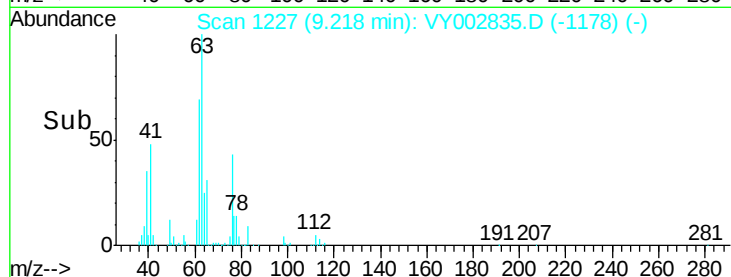
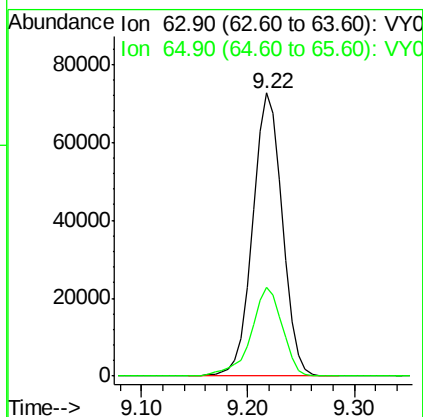
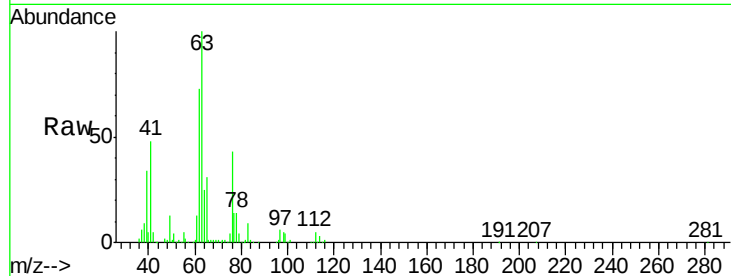




#45
 1,2-Dichloropropane
 Concen: 46.34 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

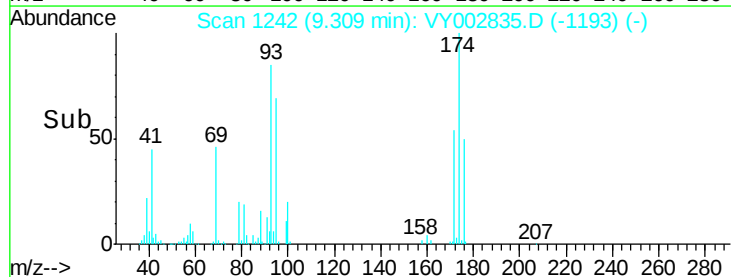
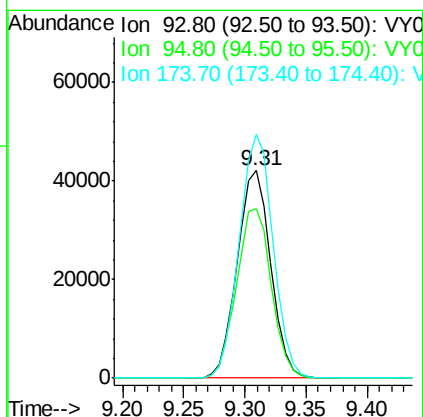
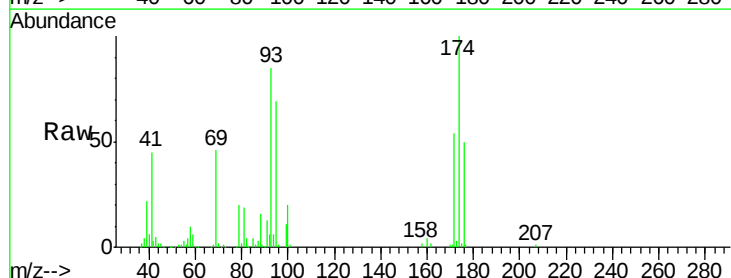
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 142201
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2



#46
 Dibromomethane
 Concen: 43.99 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

Tgt Ion: 93 Resp: 80160
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.9 100.3
 174 118.9 97.7 146.5





#47

Bromodichloromethane

Concen: 45.72 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

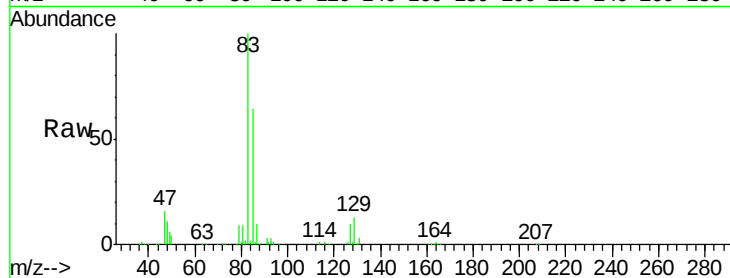
Tgt Ion: 83 Resp: 196417

Ion Ratio Lower Upper

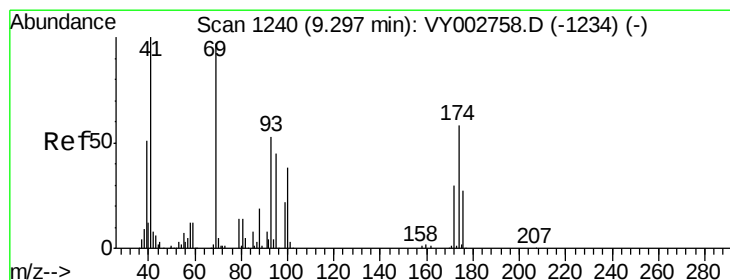
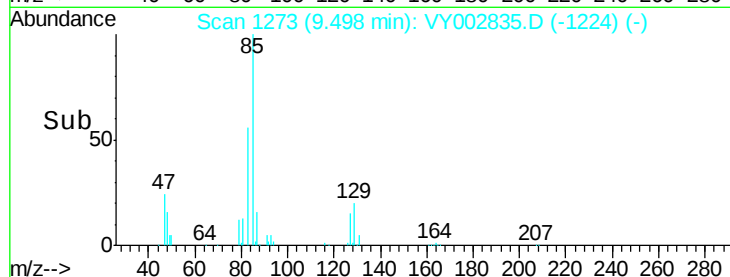
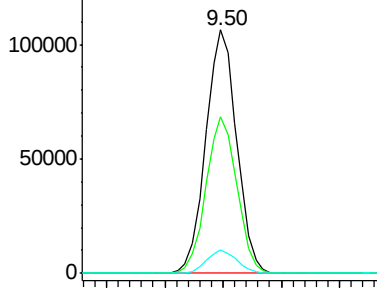
83 100

85 64.2 51.9 77.9

127 9.8 7.1 10.7



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



#48

Methyl methacrylate

Concen: 43.42 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

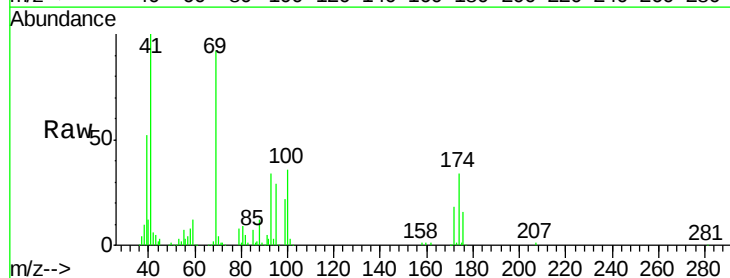
Tgt Ion: 41 Resp: 87509

Ion Ratio Lower Upper

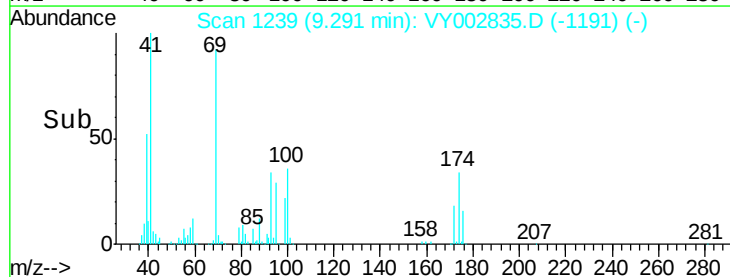
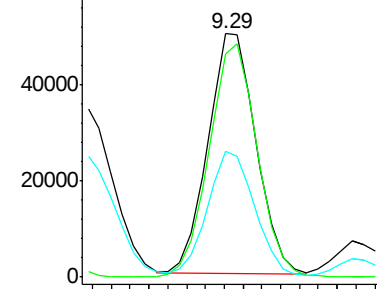
41 100

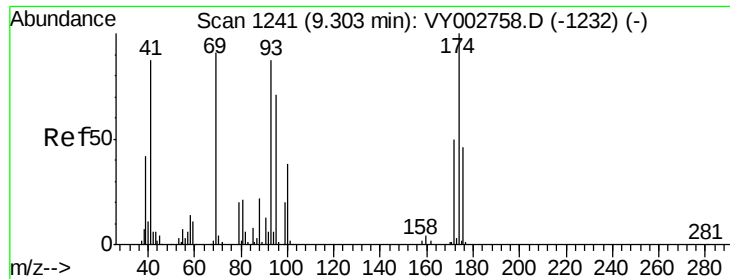
69 98.1 79.7 119.5

39 52.7 43.3 64.9



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

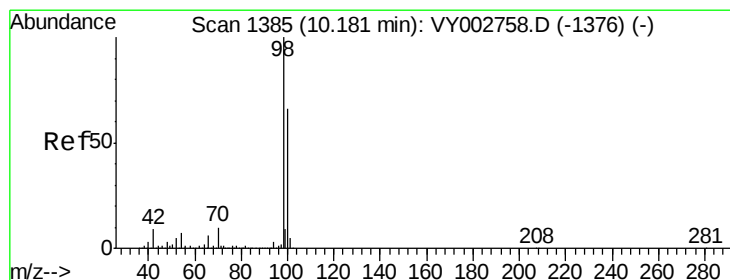
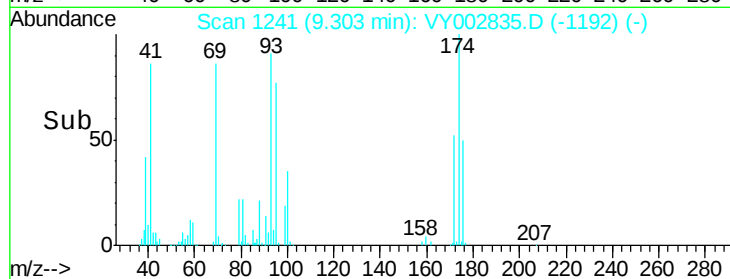
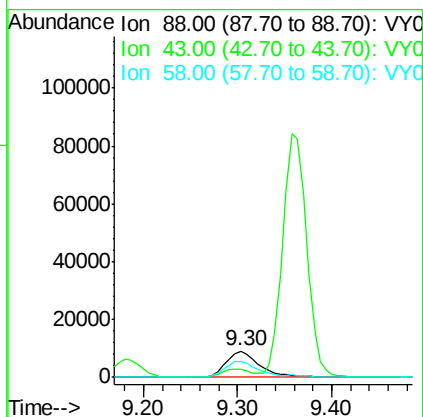
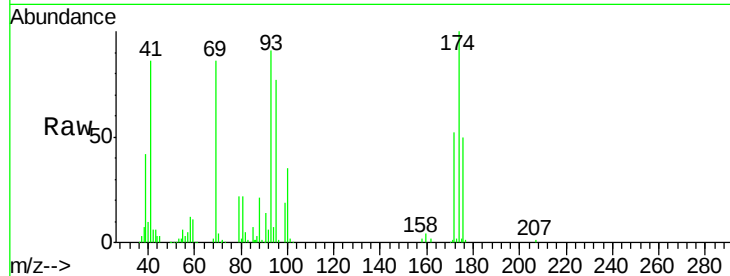




#49
1,4-Dioxane
Concen: 798.90 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

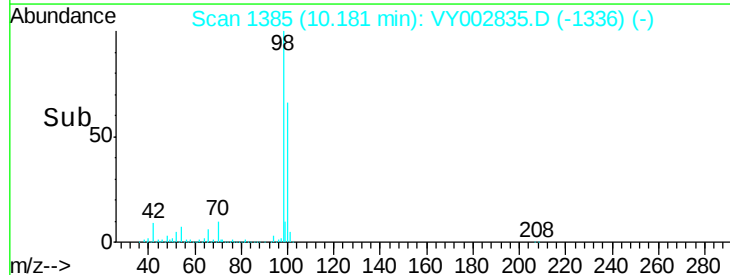
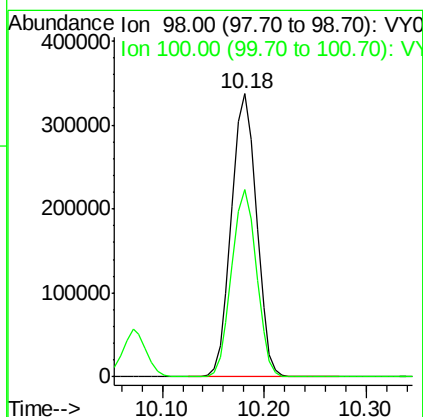
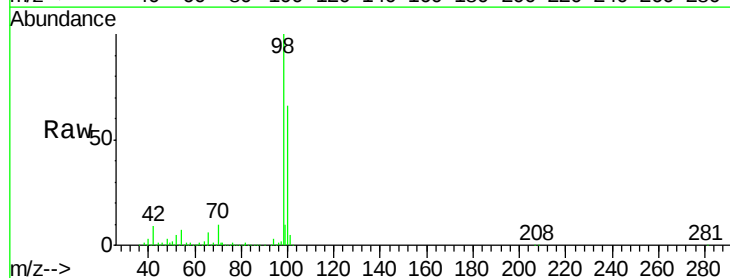
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

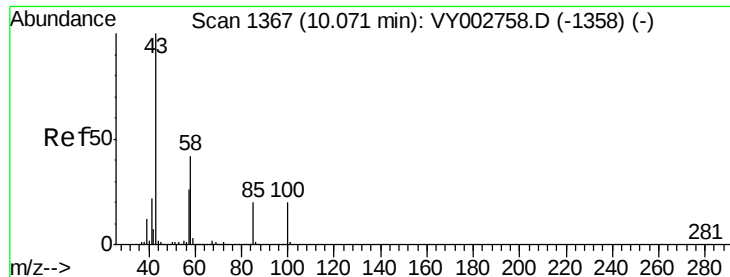
Tgt Ion: 88 Resp: 22355
Ion Ratio Lower Upper
88 100
43 27.2 21.3 31.9
58 61.2 52.2 78.2



#50
Toluene-d8
Concen: 47.13 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 98 Resp: 574146
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 212.70 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

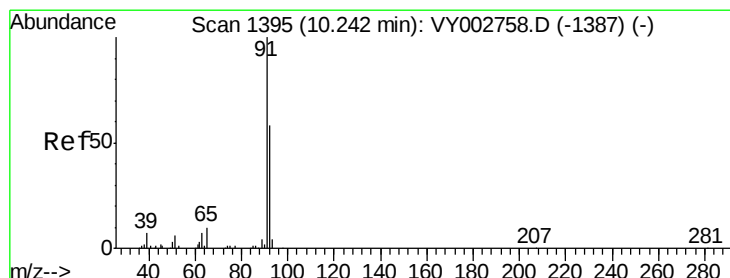
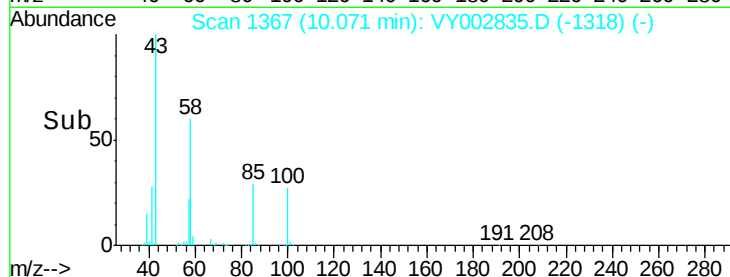
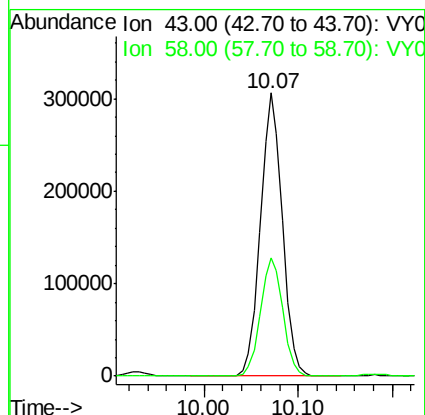
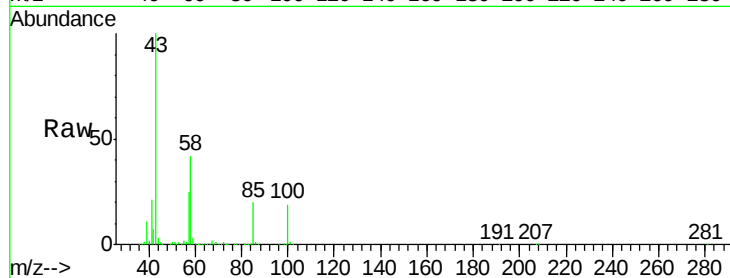
VSTDCCC050

Tgt Ion: 43 Resp: 502893

Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.2



#52

Toluene

Concen: 45.04 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002835.D

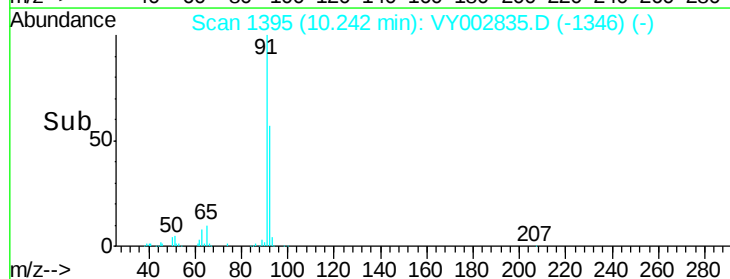
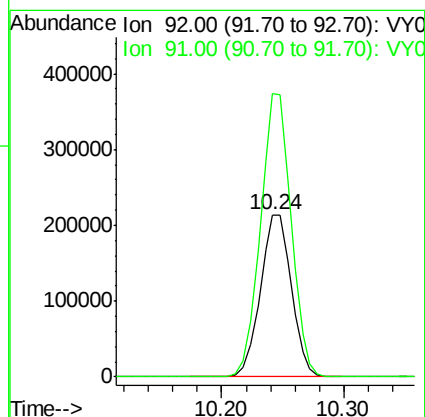
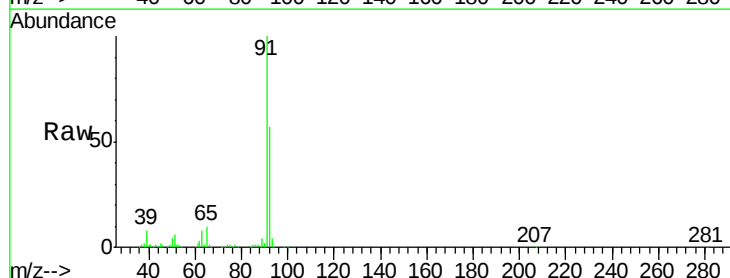
Acq: 04 Jun 2020 12:07

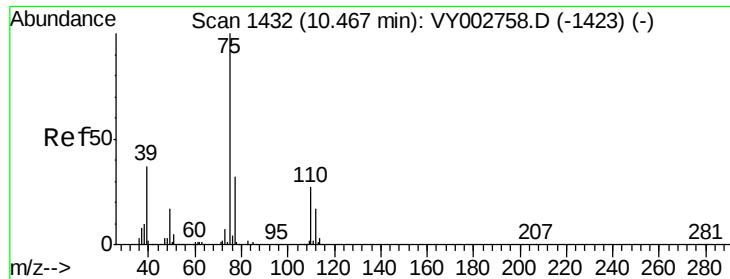
Tgt Ion: 92 Resp: 376989

Ion Ratio Lower Upper

92 100

91 172.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 45.03 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampled :

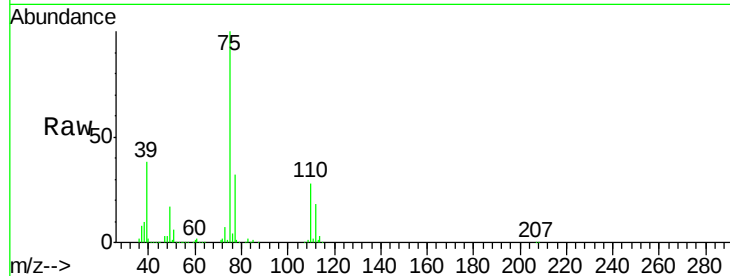
VSTDCCC050

Tgt Ion: 75 Resp: 211284

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

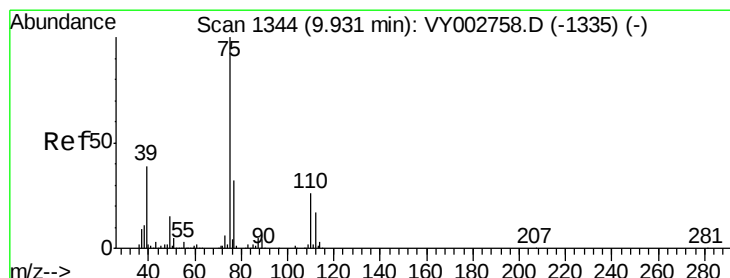
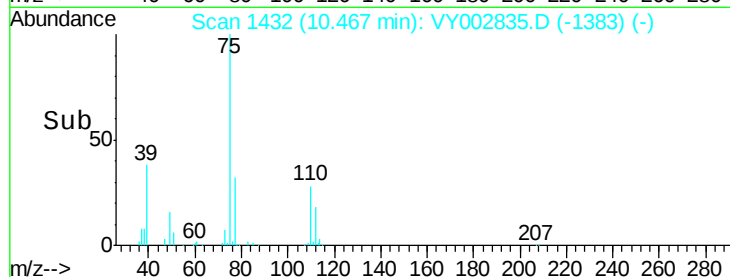
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.37 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

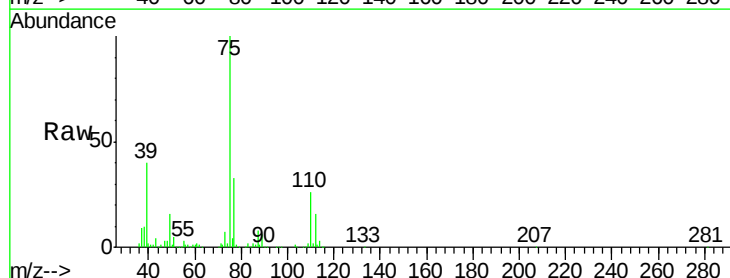
Tgt Ion: 75 Resp: 241259

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4

39 39.8 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

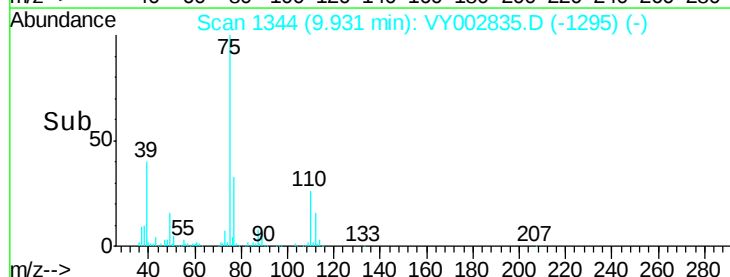
150000

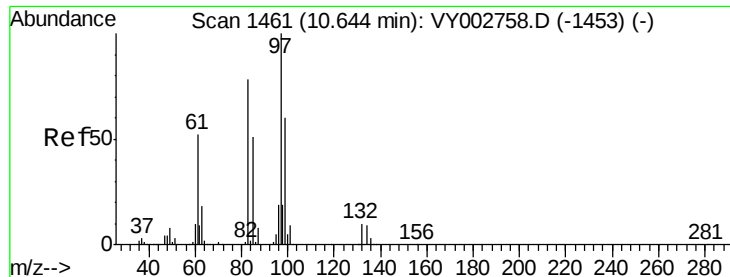
100000

50000

0

Time-->

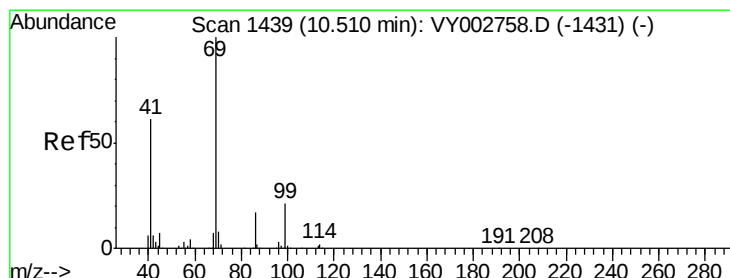
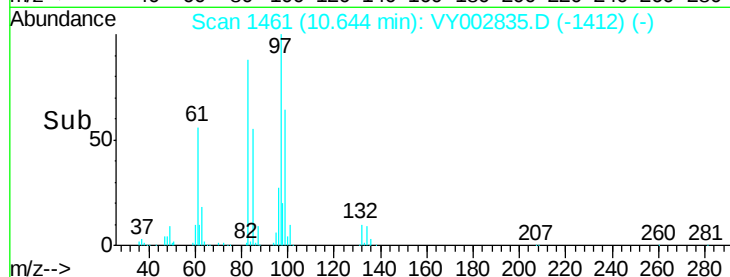
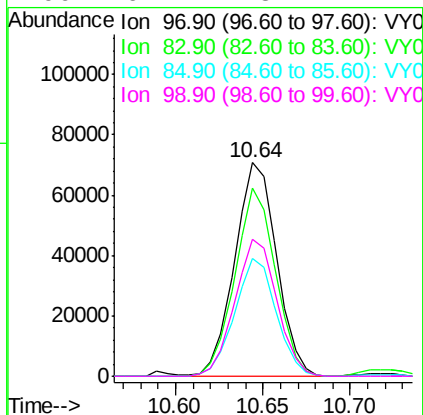
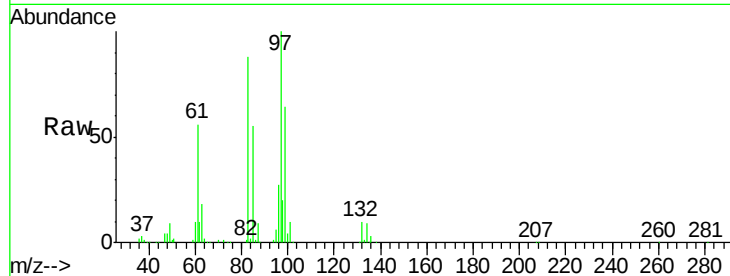




#55
 1,1,2-Trichloroethane
 Concen: 42.14 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

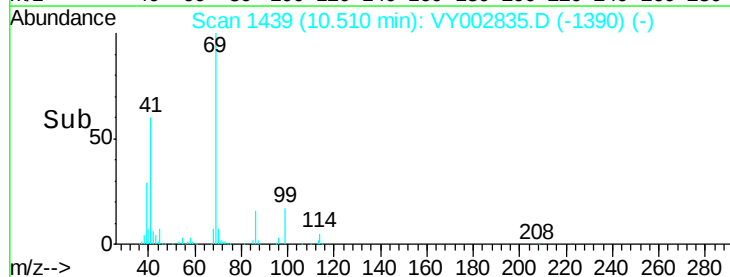
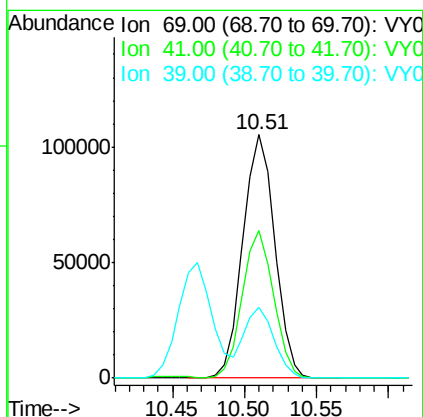
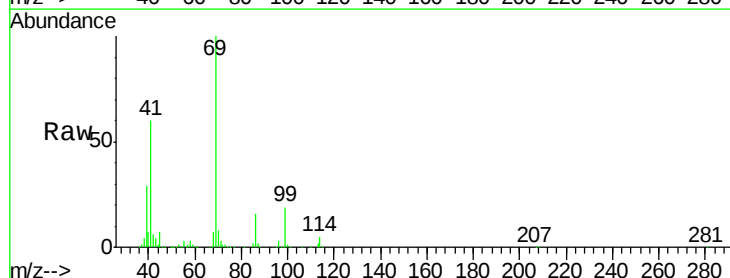
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

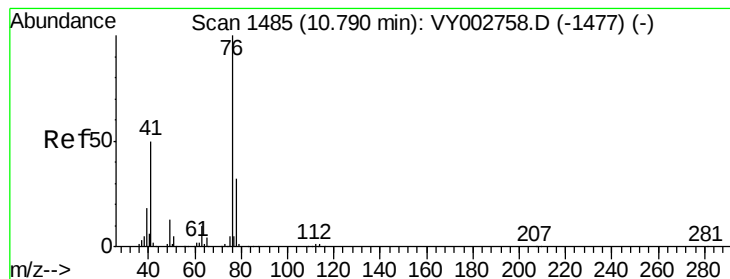
Tgt Ion:	97	Resp:	117570
Ion	Ratio	Lower	Upper
97	100		
83	88.1	62.7	94.1
85	55.0	40.6	60.8
99	64.1	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 43.35 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

Tgt Ion:	69	Resp:	161999
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.0	70.4
39	27.1	22.0	33.0





#57

1,3-Dichloropropane

Concen: 43.95 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

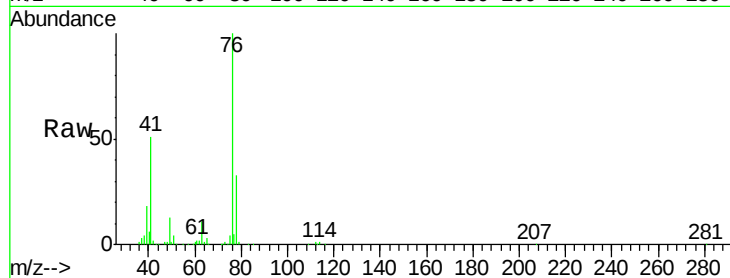
VSTDCCC050

Tgt Ion: 76 Resp: 201695

Ion Ratio Lower Upper

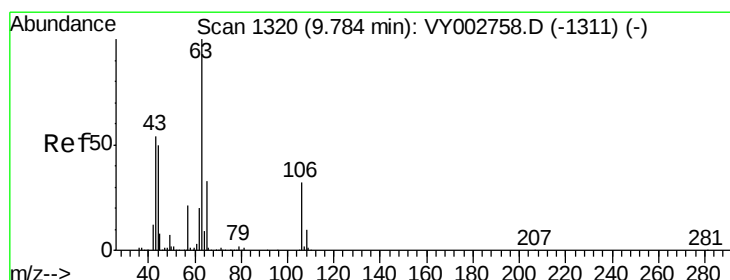
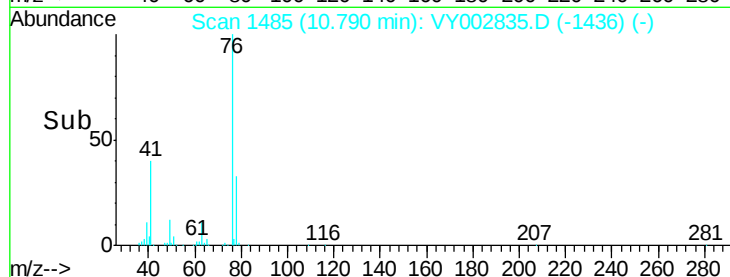
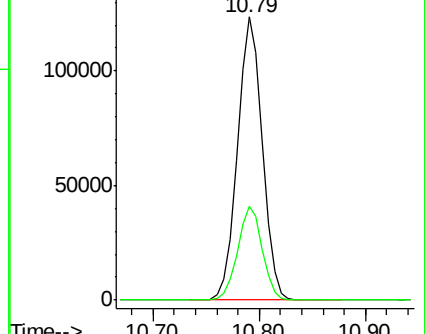
76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 242.17 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002835.D

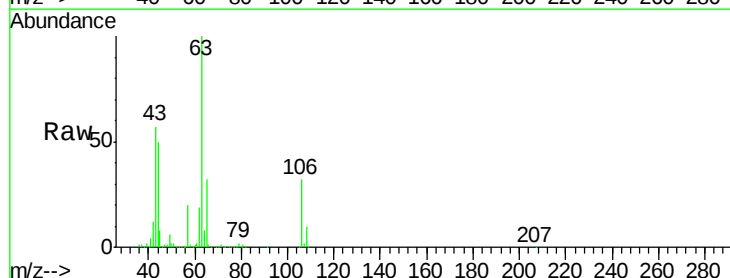
Acq: 04 Jun 2020 12:07

Tgt Ion: 63 Resp: 442202

Ion Ratio Lower Upper

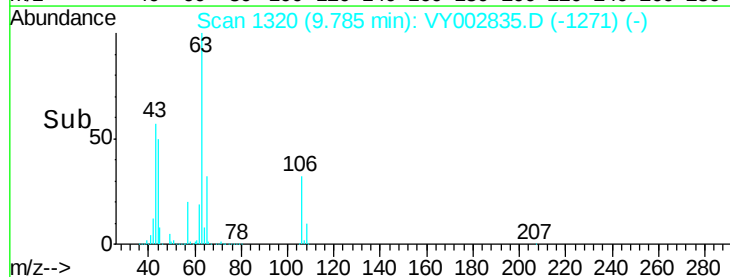
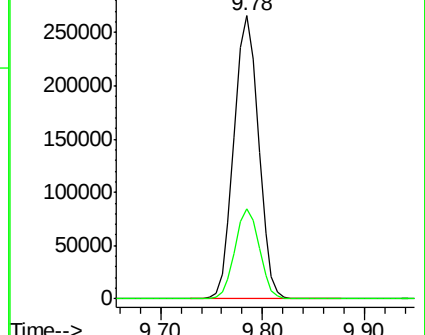
63 100

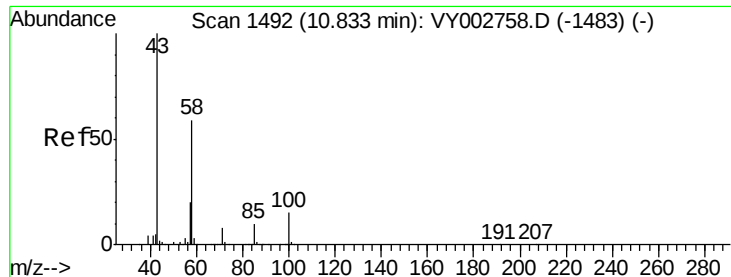
106 31.5 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

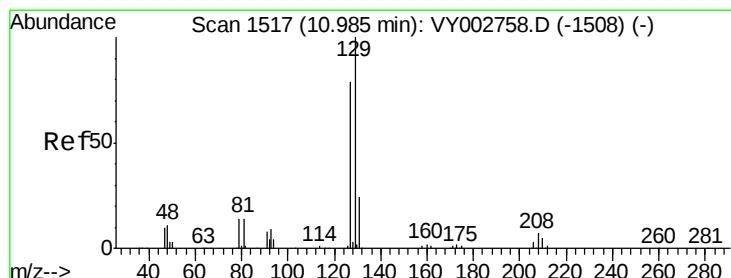
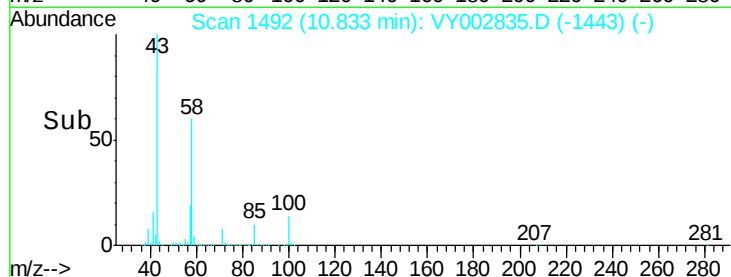
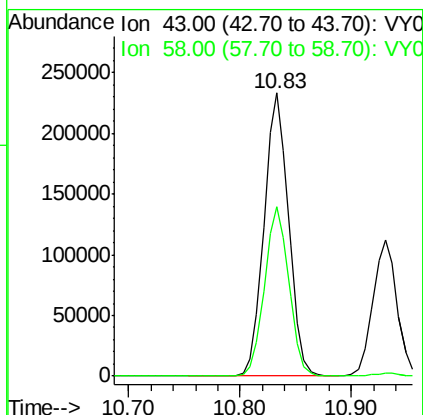
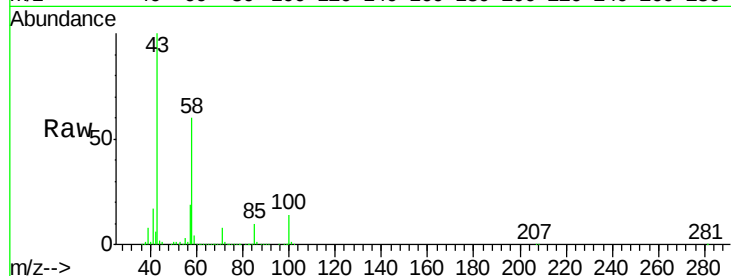




#59
2-Hexanone
Concen: 214.47 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

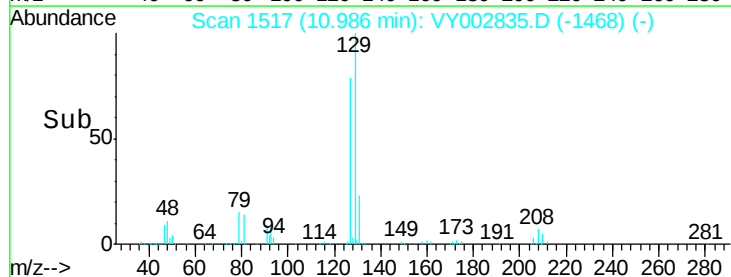
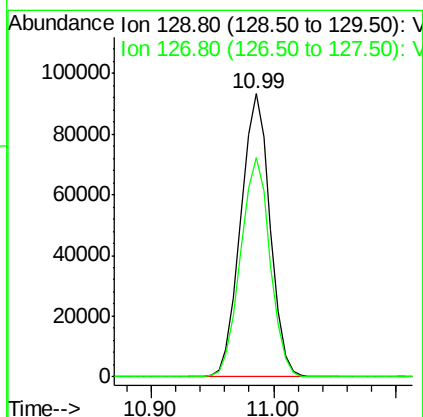
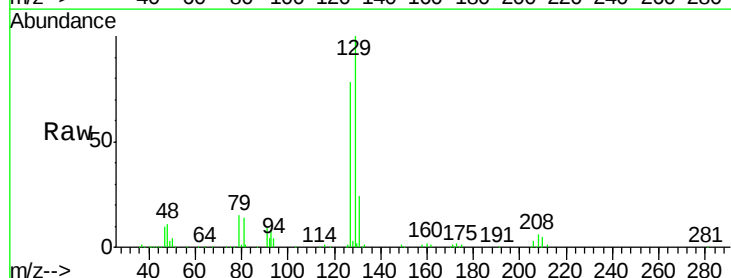
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

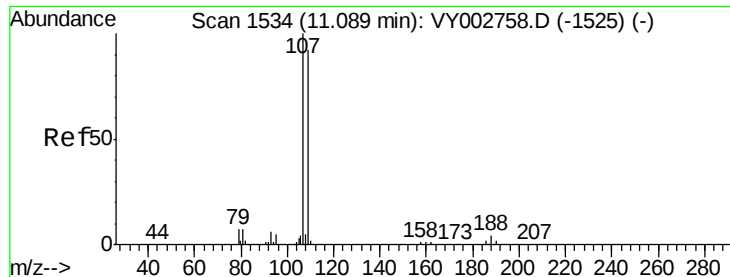
Tgt Ion: 43 Resp: 359776
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5



#60
Dibromochloromethane
Concen: 43.73 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 129 Resp: 154669
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3

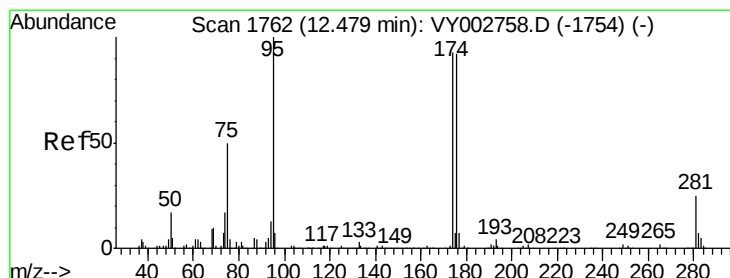
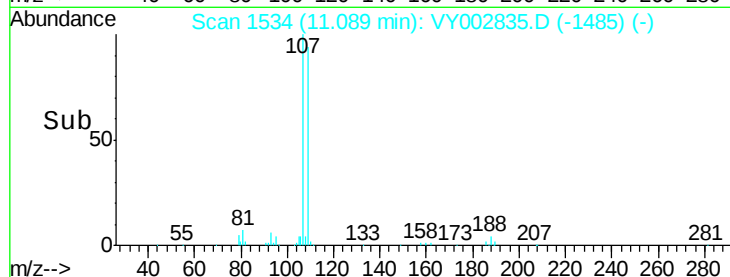
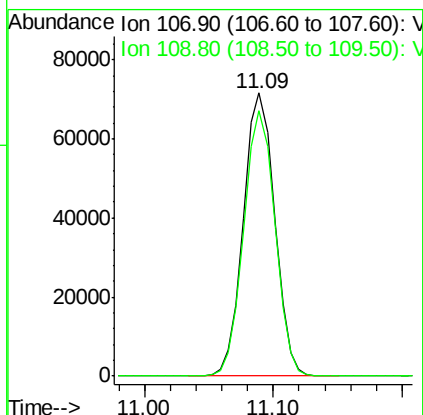
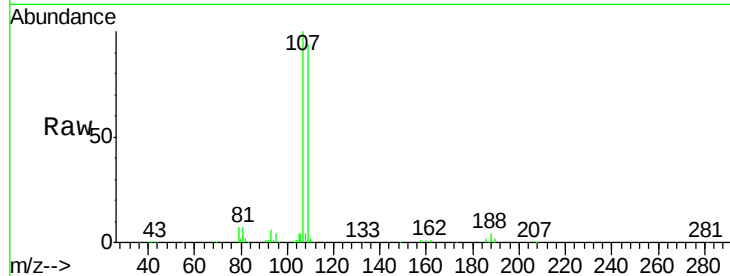




#61
 1,2-Dibromoethane
 Concen: 43.63 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

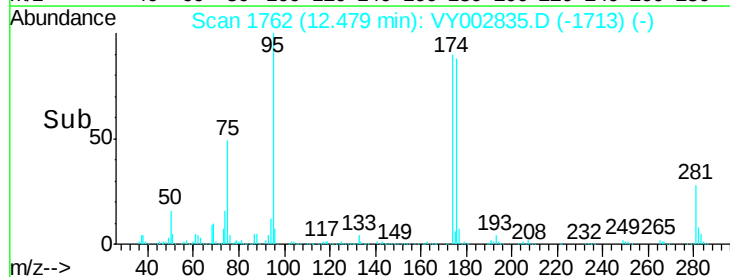
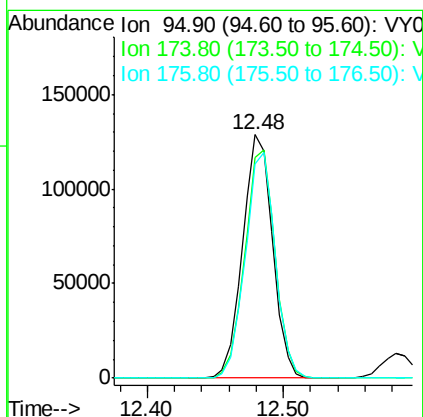
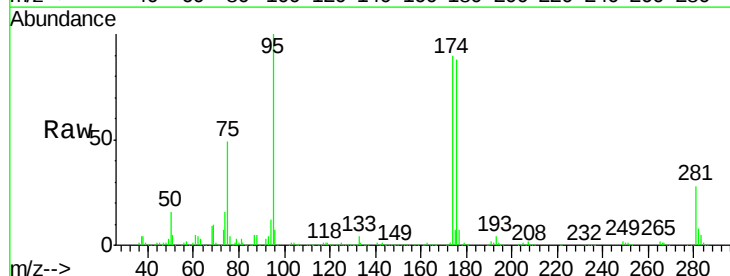
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

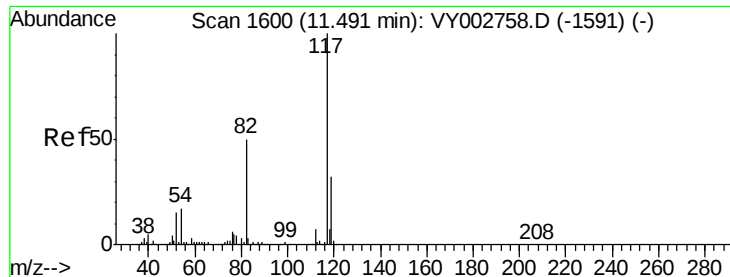
Tgt Ion: 107 Resp: 120067
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.63 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

Tgt Ion: 95 Resp: 198302
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 191.2
 176 92.6 0.0 188.8

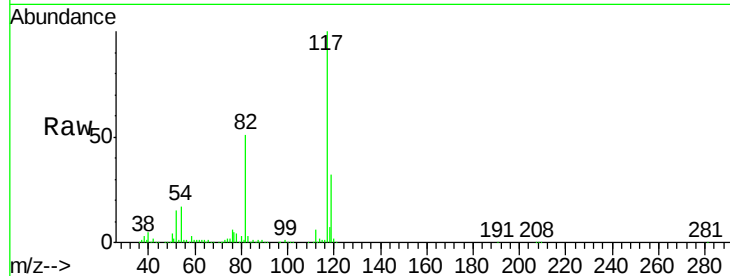




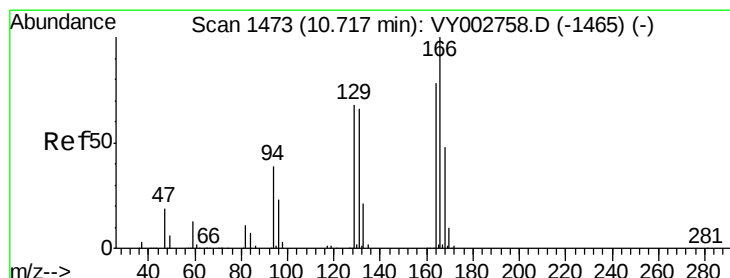
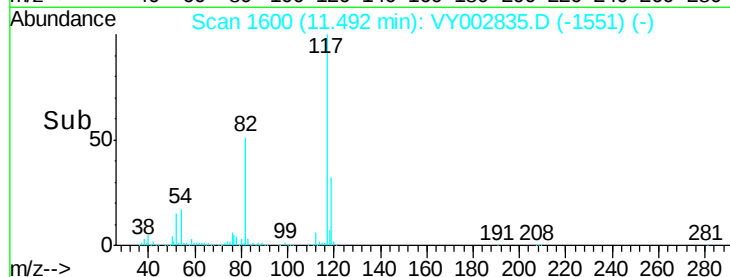
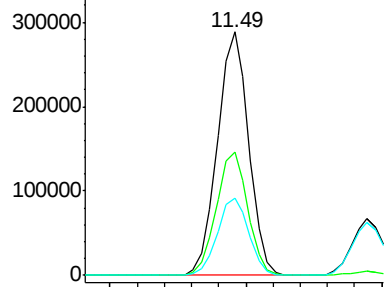
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 462726
Ion Ratio Lower Upper
117 100
82 50.7 40.2 60.4
119 31.9 25.8 38.8

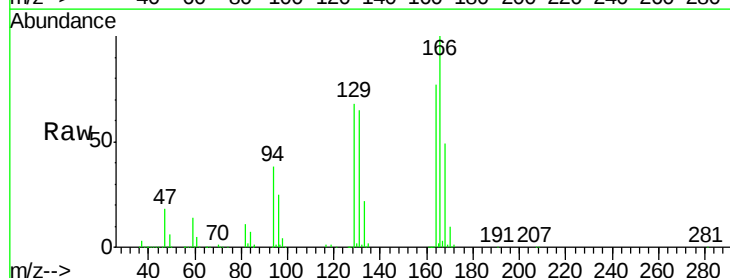


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

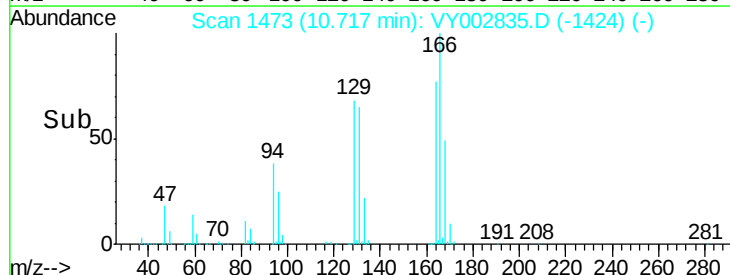
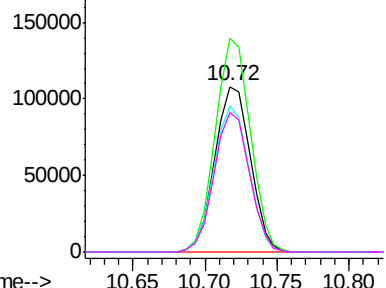


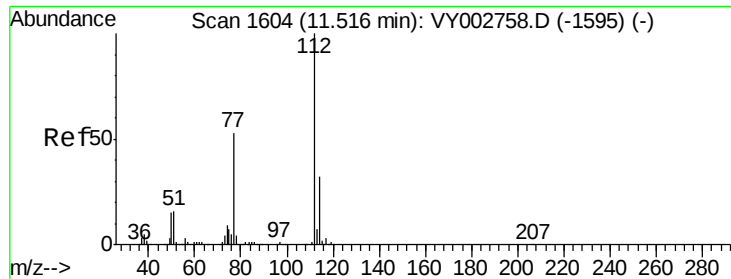
#64
Tetrachloroethene
Concen: 44.04 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion:164 Resp: 185205
Ion Ratio Lower Upper
164 100
166 129.0 102.3 153.5
129 88.2 69.4 104.2
131 84.0 67.8 101.6



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





#65

Chlorobenzene

Concen: 46.18 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

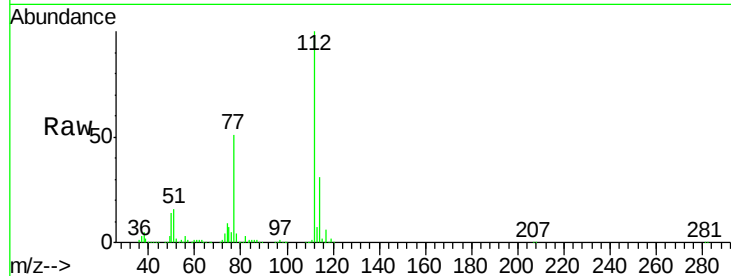
VSTDCCC050

Tgt Ion:112 Resp: 422342

Ion Ratio Lower Upper

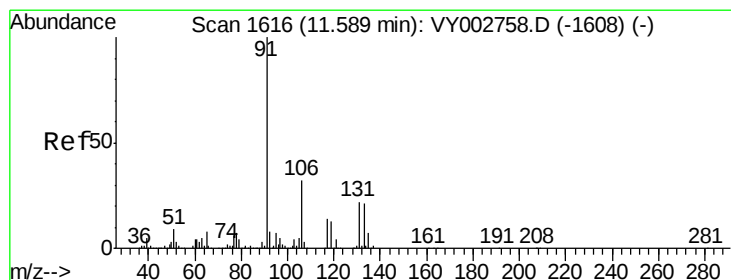
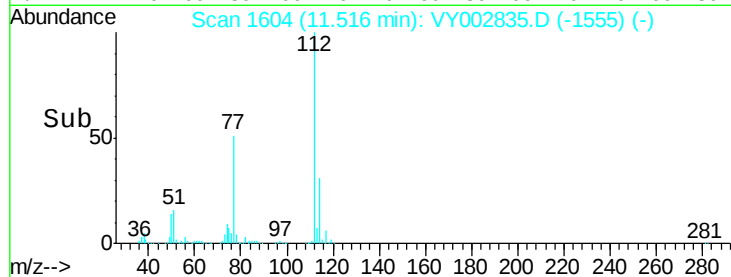
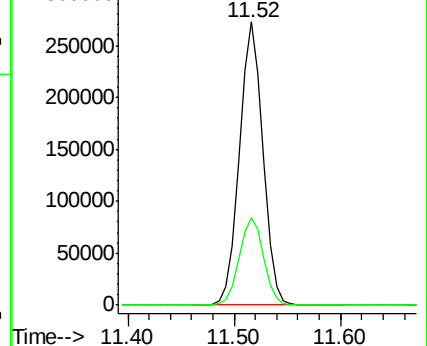
112 100

114 30.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.72 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

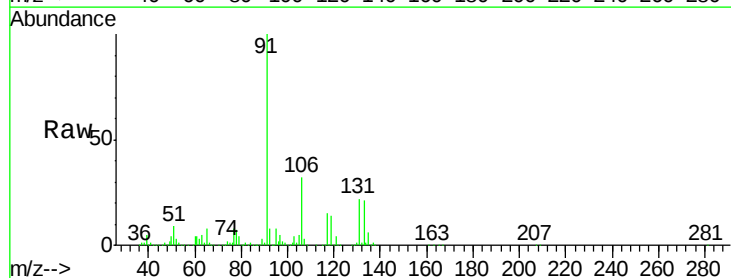
Tgt Ion:131 Resp: 160935

Ion Ratio Lower Upper

131 100

133 93.7 47.6 142.8

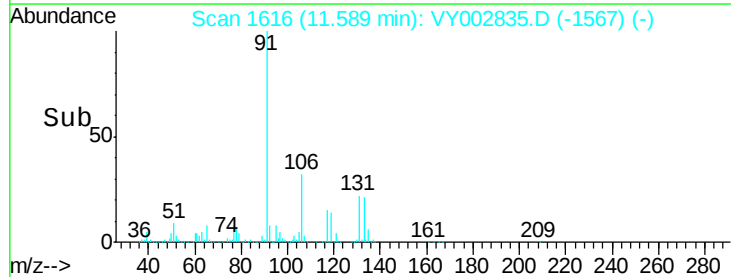
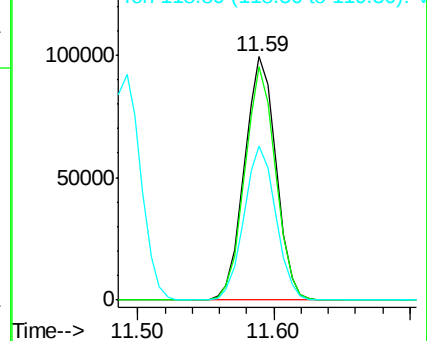
119 63.7 31.7 95.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.60 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

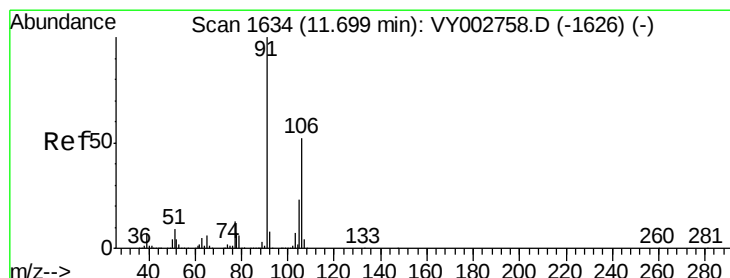
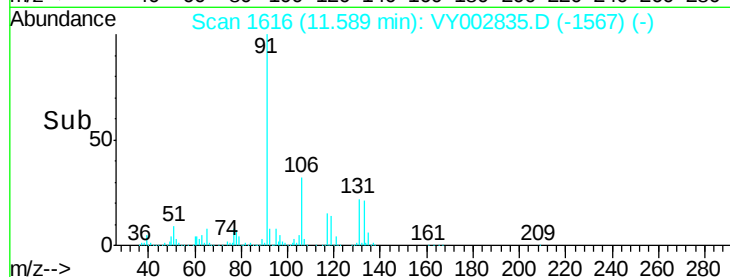
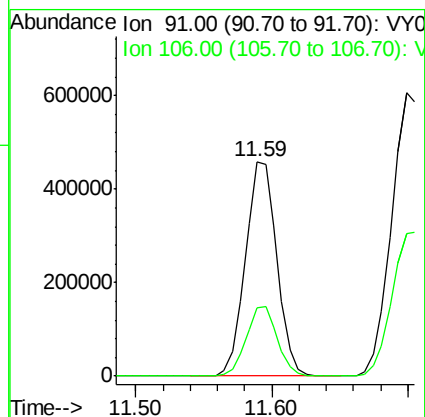
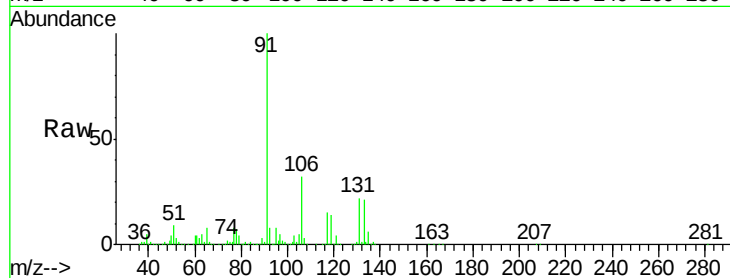
VSTDCCC050

Tgt Ion: 91 Resp: 73885

Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5



#68

m/p-Xylenes

Concen: 92.67 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002835.D

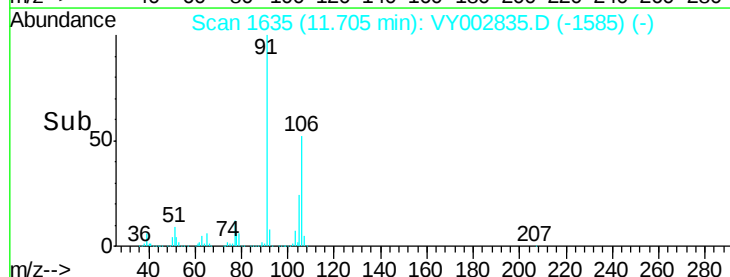
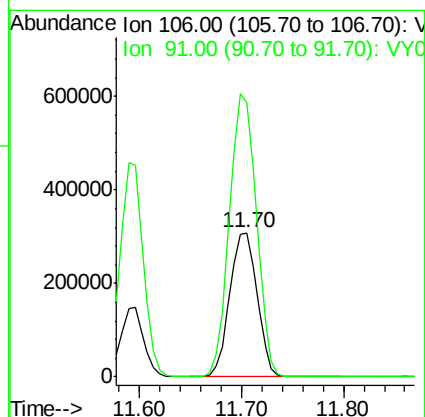
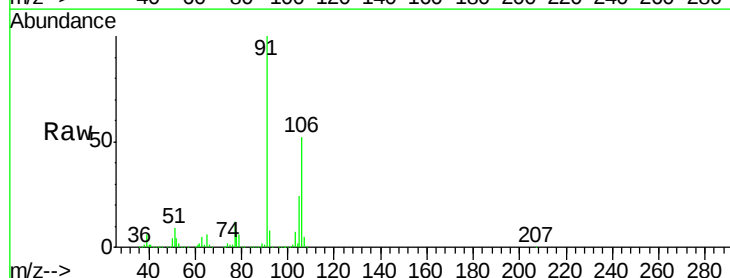
Acq: 04 Jun 2020 12:07

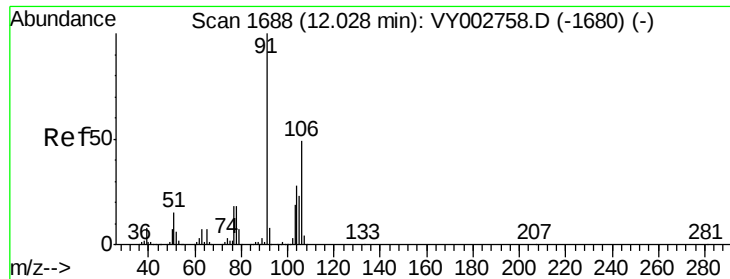
Tgt Ion: 106 Resp: 569692

Ion Ratio Lower Upper

106 100

91 194.5 156.0 234.0

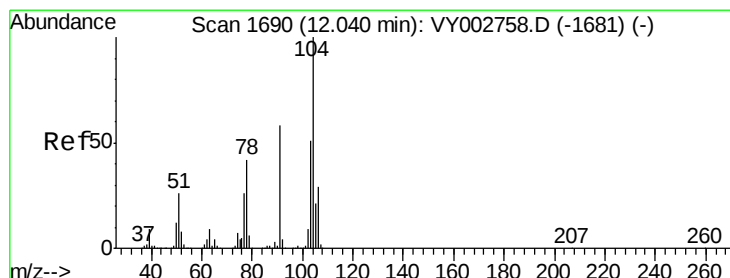
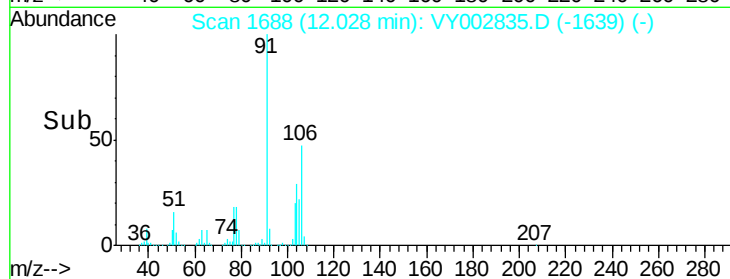
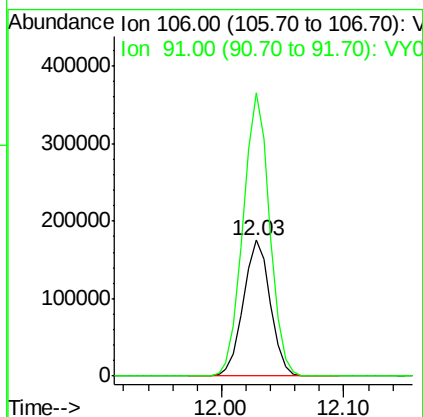
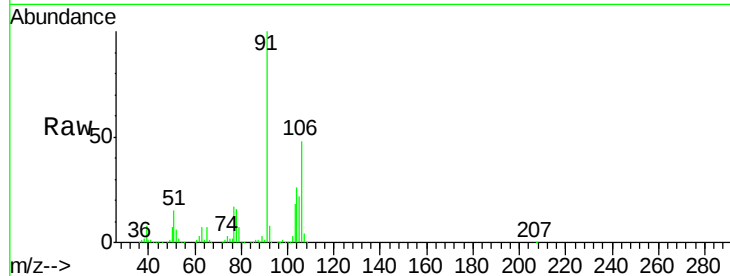




#69
o-Xylene
Concen: 46.29 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

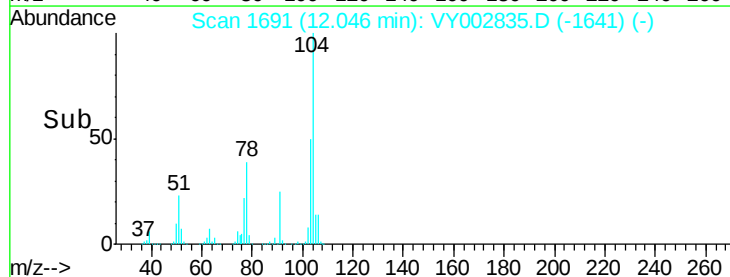
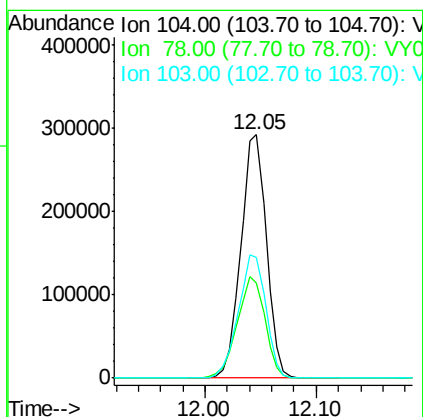
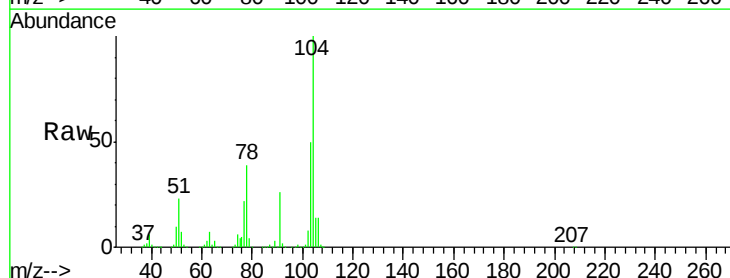
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

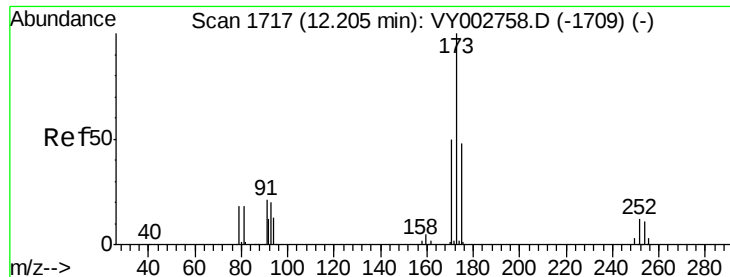
Tgt Ion:106 Resp: 268629
Ion Ratio Lower Upper
106 100
91 204.7 102.4 307.1



#70
Styrene
Concen: 46.29 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion:104 Resp: 465697
Ion Ratio Lower Upper
104 100
78 45.1 36.2 54.4
103 54.7 43.6 65.4

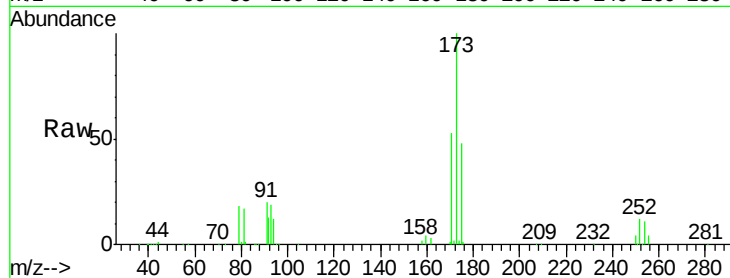




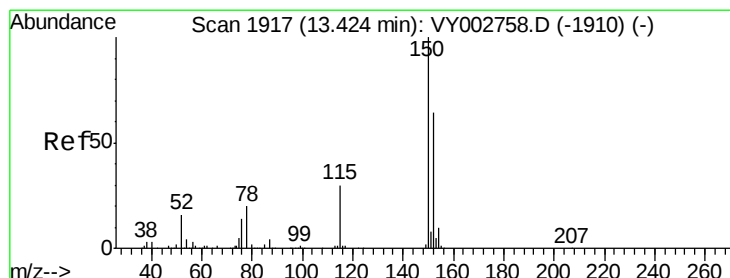
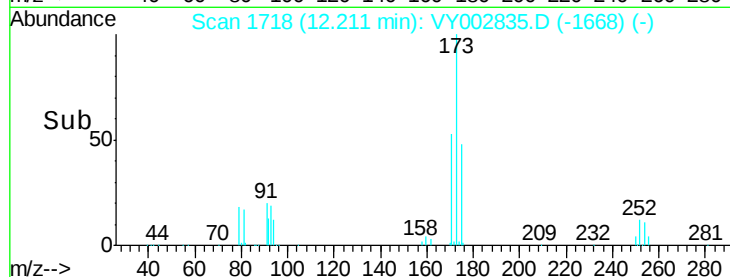
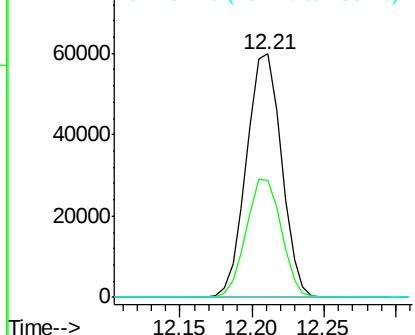
#71
Bromoform
Concen: 43.81 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 100973
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.1 0.1 0.1

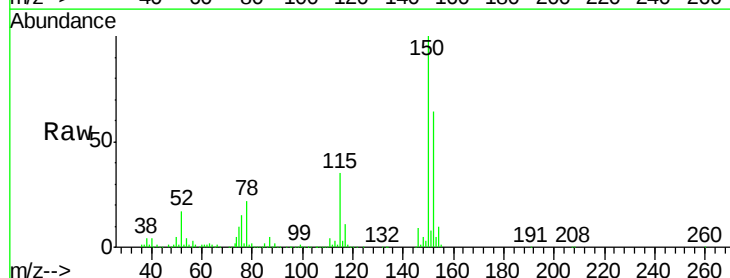


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

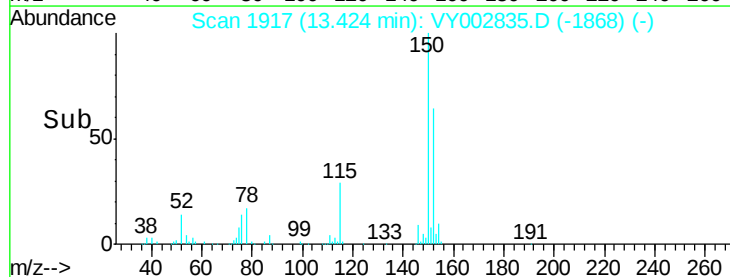
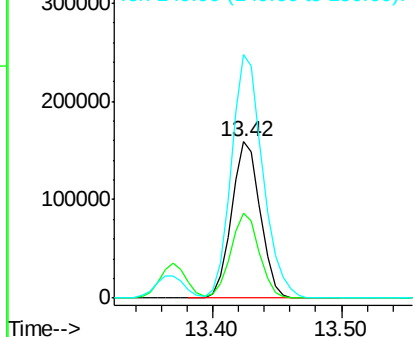


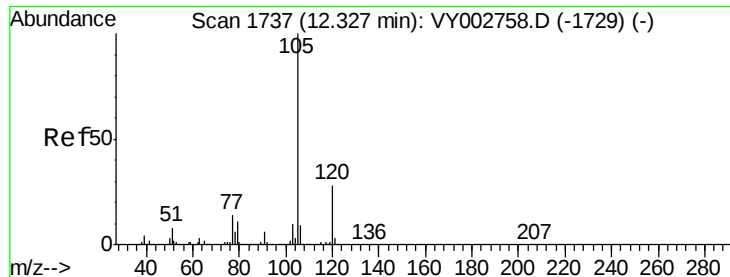
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion:152 Resp: 245602
Ion Ratio Lower Upper
152 100
115 54.1 27.0 81.0
150 170.4 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.90 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

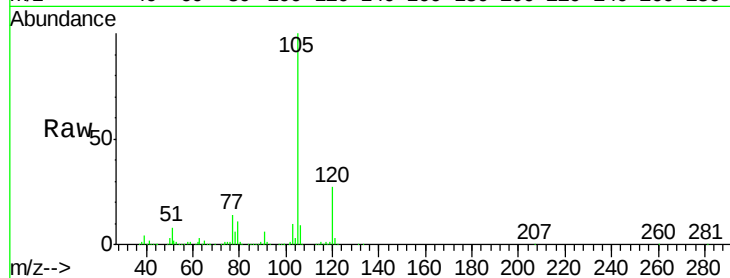
VSTDCCC050

Tgt Ion: 105 Resp: 738114

Ion Ratio Lower Upper

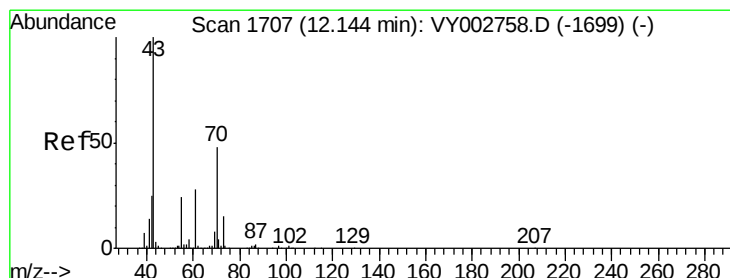
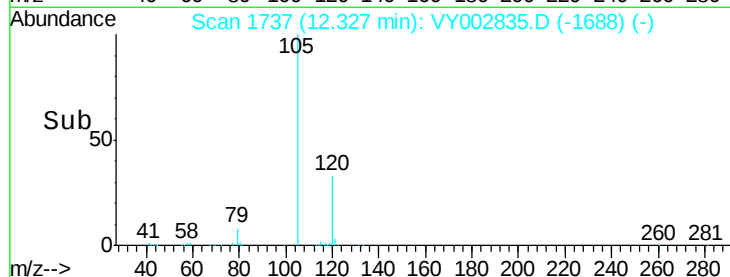
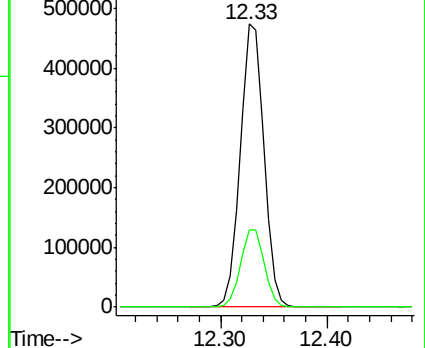
105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.26 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Tgt Ion: 43 Resp: 178748

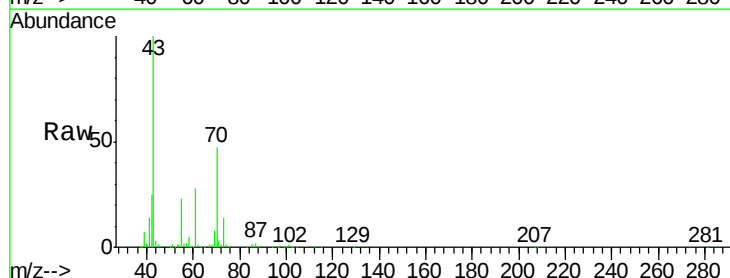
Ion Ratio Lower Upper

43 100

70 47.4 37.7 56.5

55 24.8 19.8 29.6

61 27.0 21.7 32.5

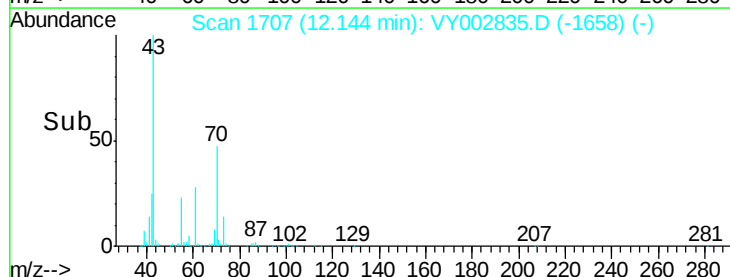
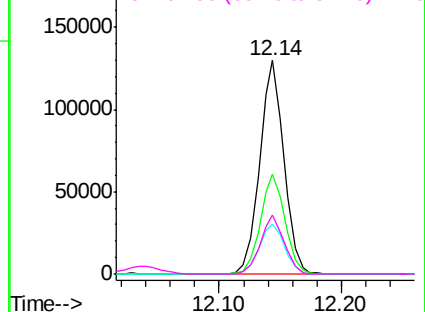


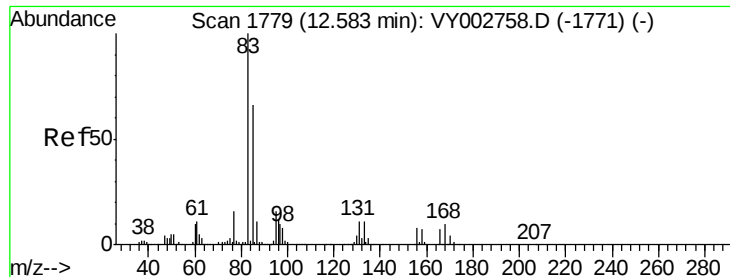
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.45 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

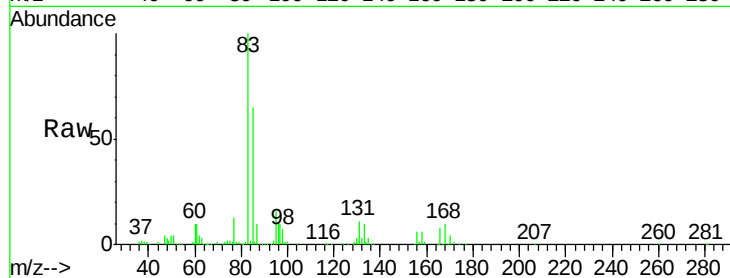
Tgt Ion: 83 Resp: 128282

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.4

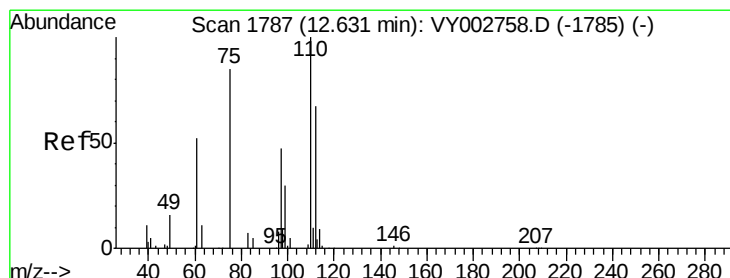
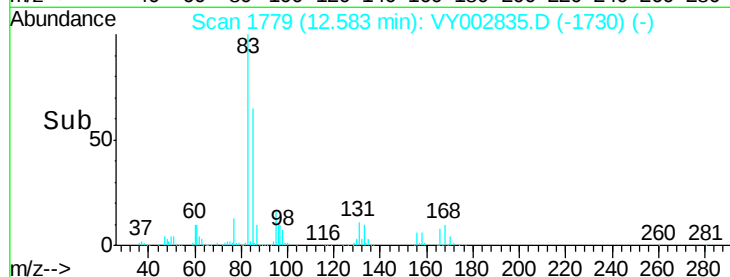
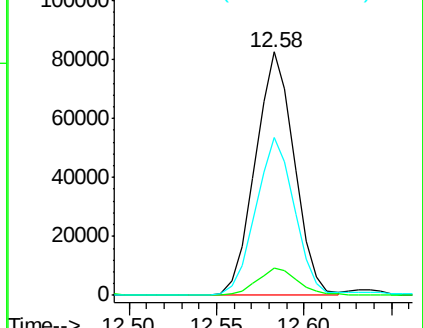
85 64.5 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002835.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002835.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002835.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 83.03 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002835.D

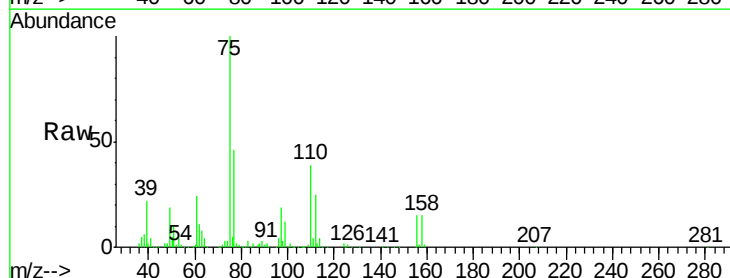
Acq: 04 Jun 2020 12:07

Tgt Ion: 75 Resp: 183746

Ion Ratio Lower Upper

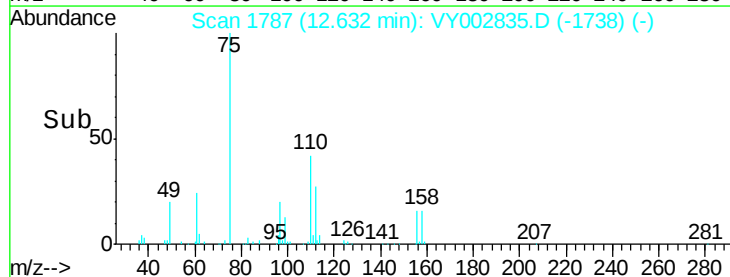
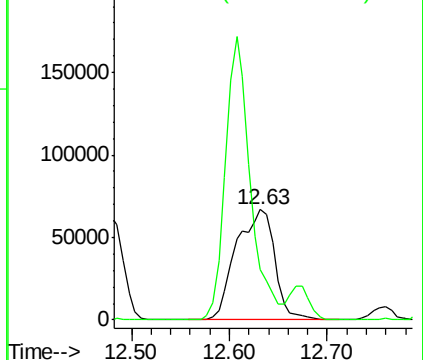
75 100

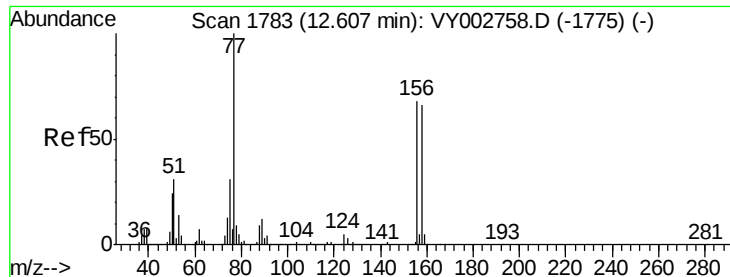
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002835.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002835.D (-1738) (-)





#77

Bromobenzene

Concen: 44.82 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

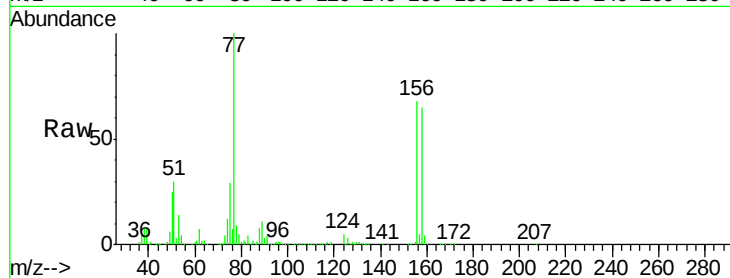
Tgt Ion:156 Resp: 183702

Ion Ratio Lower Upper

156 100

77 166.3 81.4 244.2

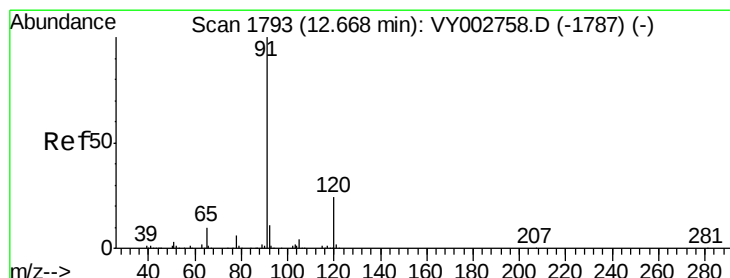
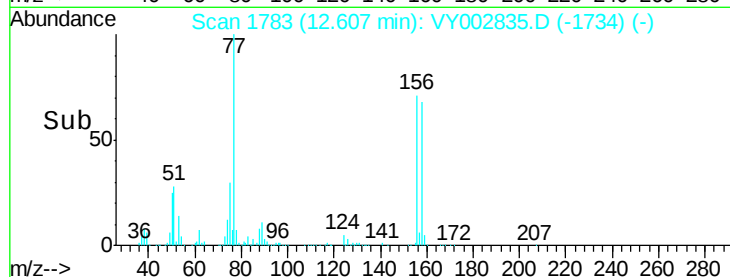
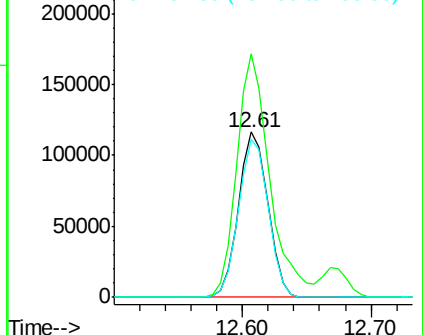
158 96.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.99 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002835.D

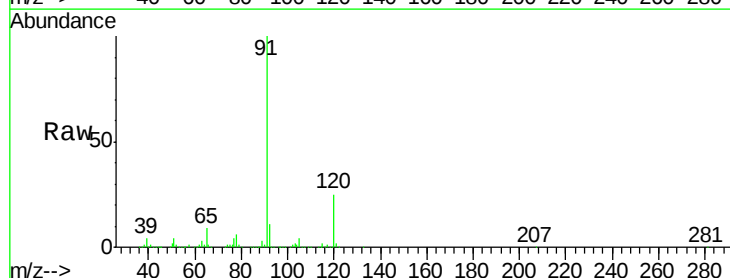
Acq: 04 Jun 2020 12:07

Tgt Ion: 91 Resp: 854305

Ion Ratio Lower Upper

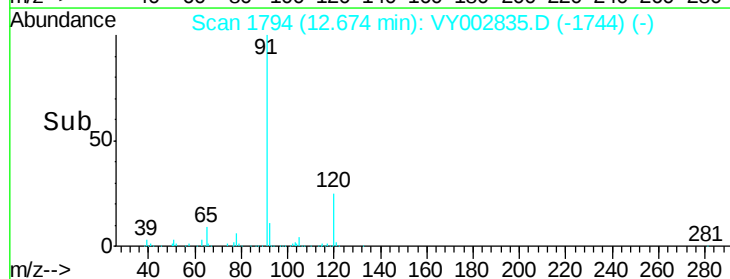
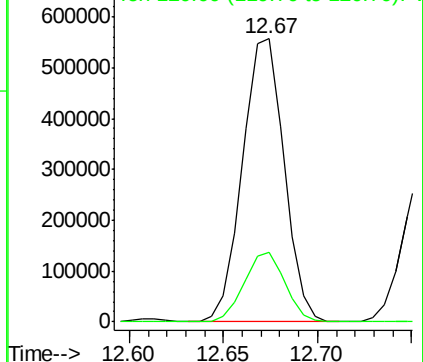
91 100

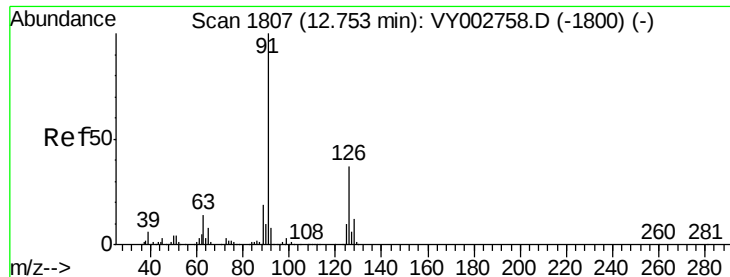
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.34 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

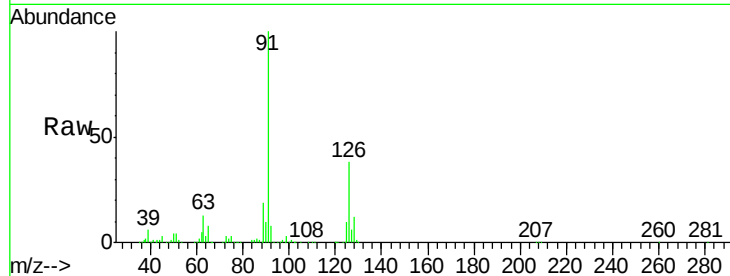
VSTDCCC050

Tgt Ion: 91 Resp: 472625

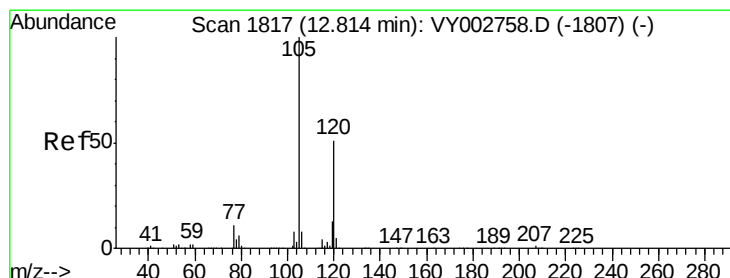
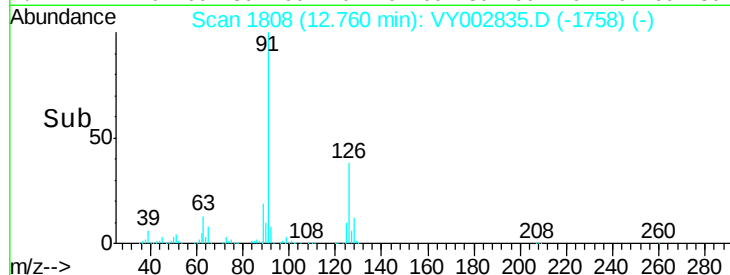
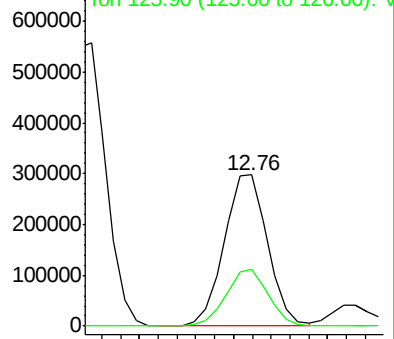
Ion Ratio Lower Upper

91 100

126 36.6 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0



#80

1,3,5-Trimethylbenzene

Concen: 46.40 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002835.D

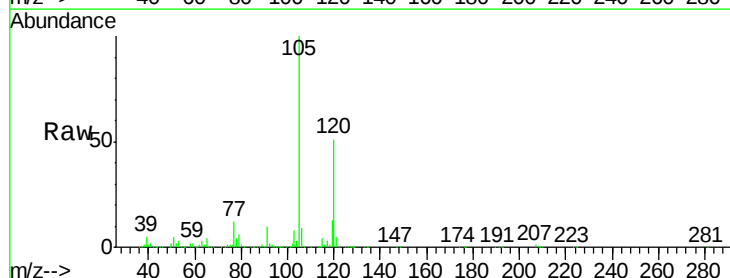
Acq: 04 Jun 2020 12:07

Tgt Ion: 105 Resp: 609752

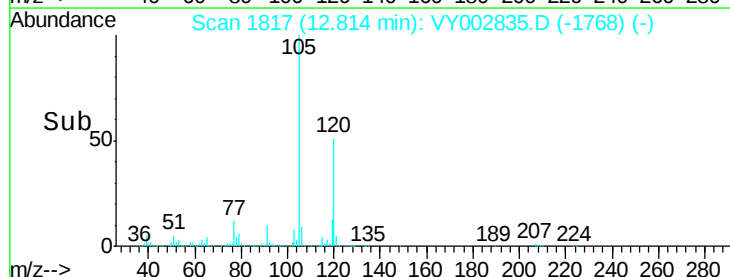
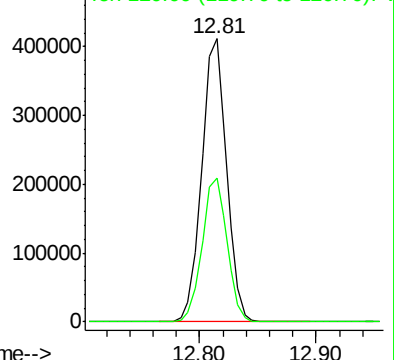
Ion Ratio Lower Upper

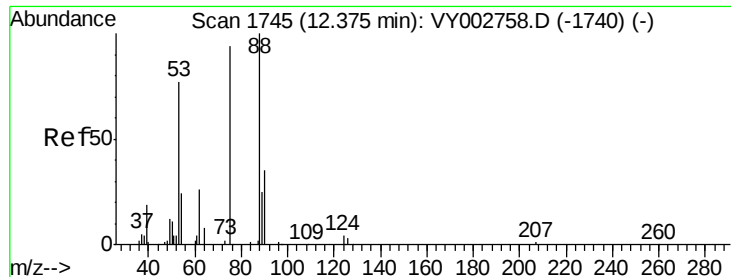
105 100

120 51.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.49 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

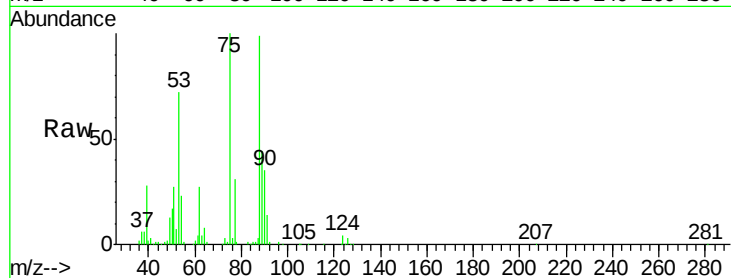
Tgt Ion: 75 Resp: 53440

Ion Ratio Lower Upper

75 100

53 77.4 64.0 96.0

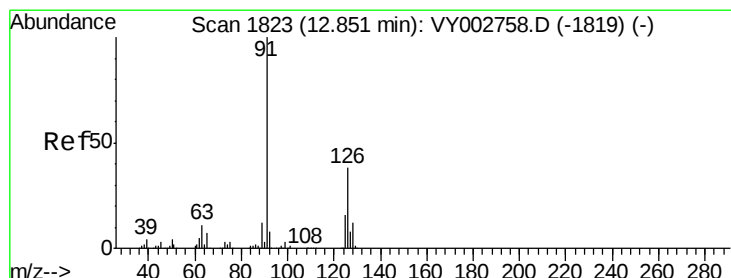
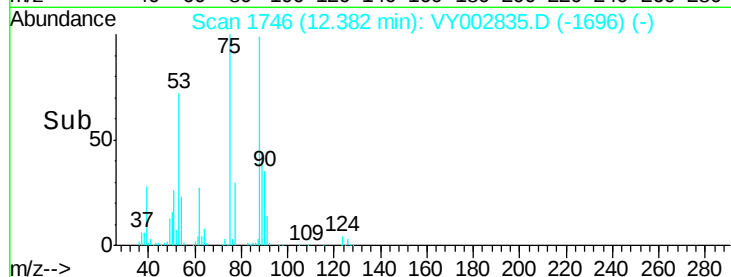
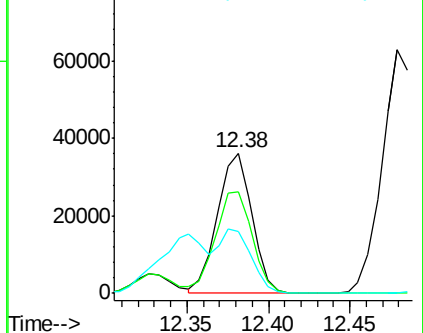
89 43.8 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 46.65 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002835.D

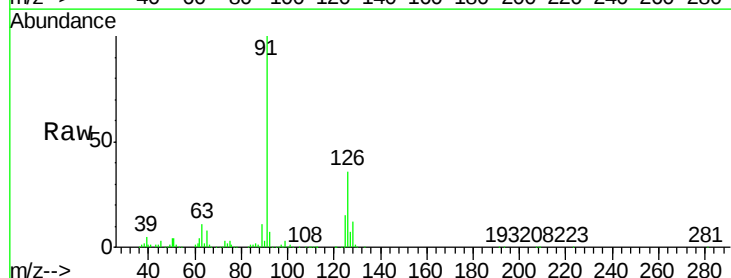
Acq: 04 Jun 2020 12:07

Tgt Ion: 91 Resp: 498493

Ion Ratio Lower Upper

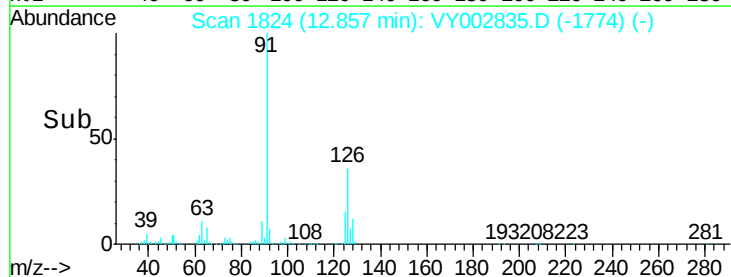
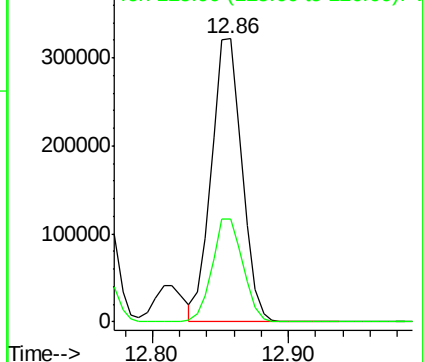
91 100

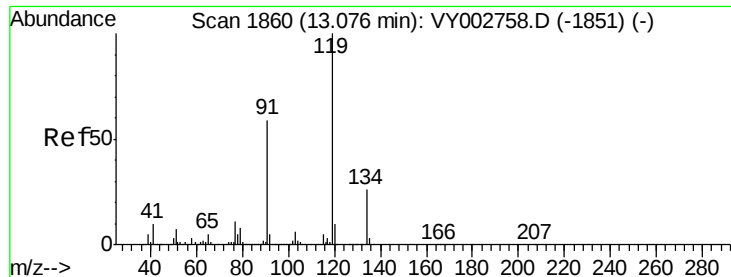
126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

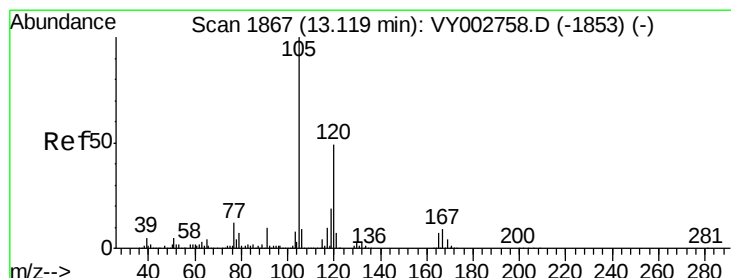
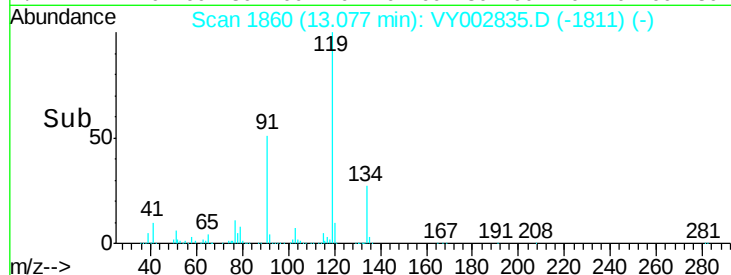
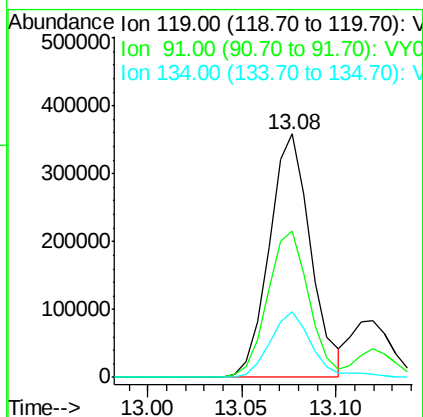
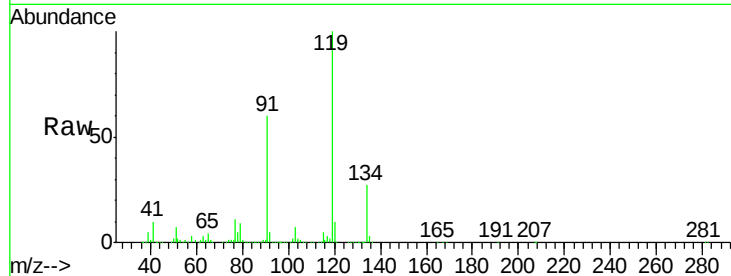




#83
 tert-Butylbenzene
 Concen: 46.57 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

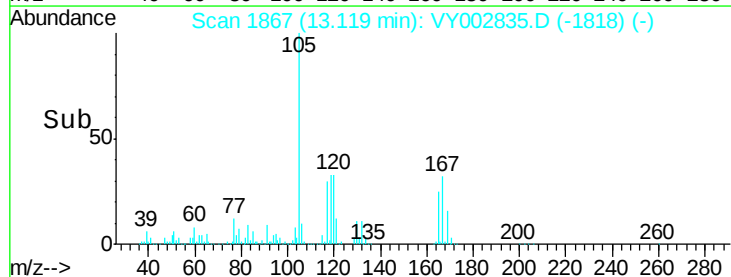
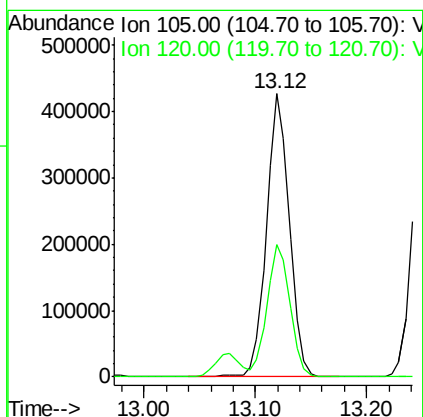
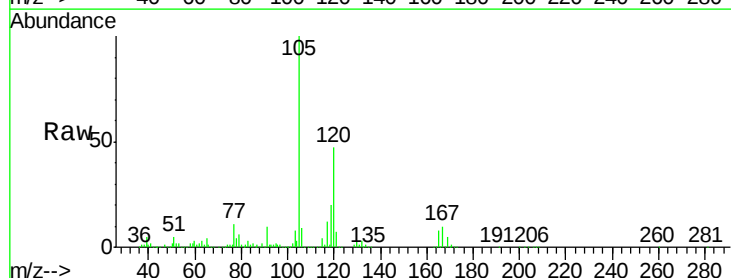
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

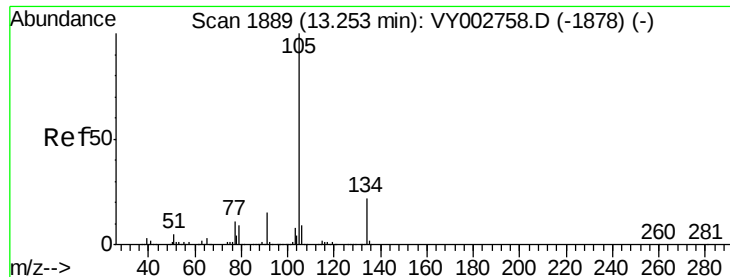
Tgt Ion:119 Resp: 545877
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.8 89.4
 134 27.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 46.37 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

Tgt Ion:105 Resp: 612737
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.6 70.8

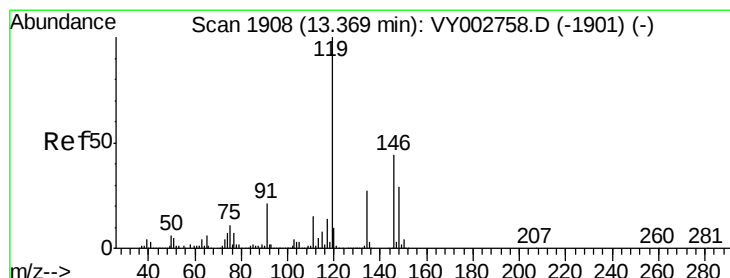
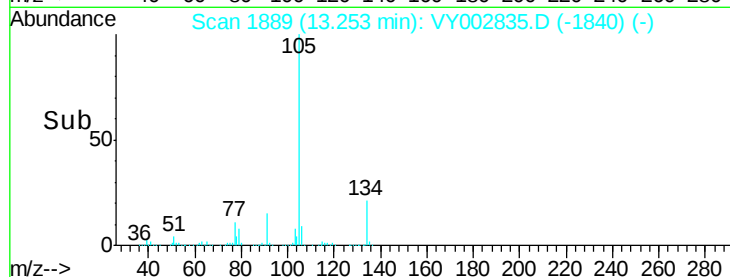
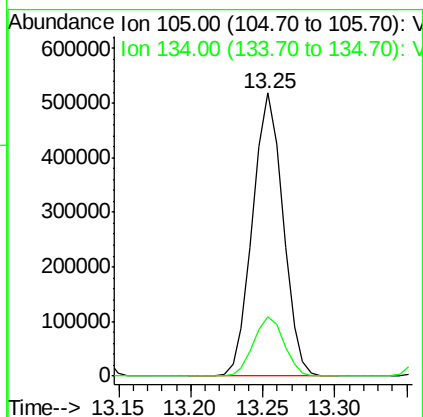
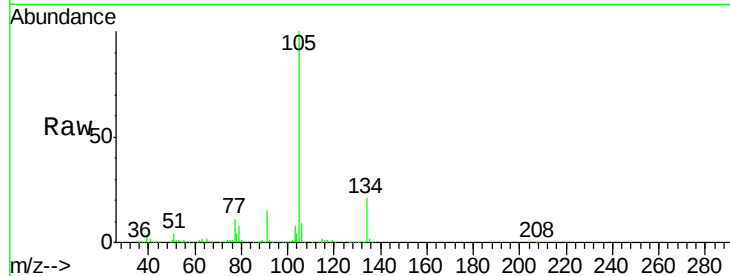




#85
 sec-Butylbenzene
 Concen: 47.20 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

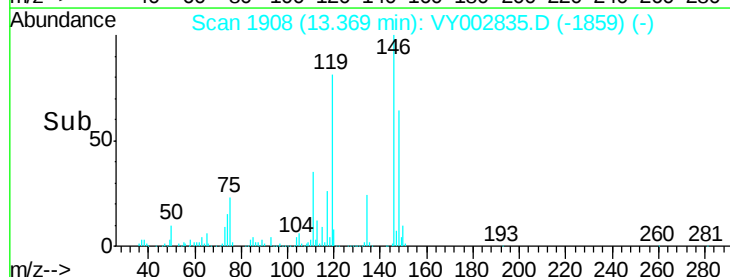
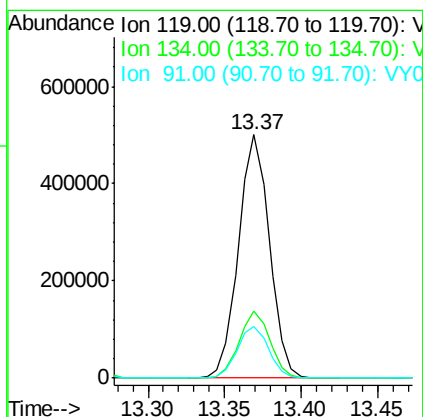
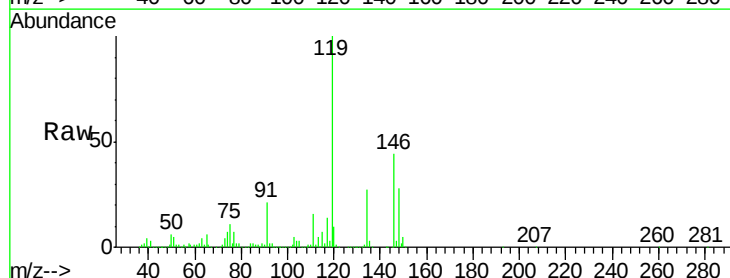
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

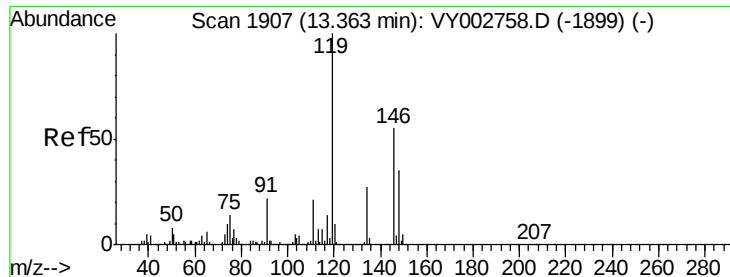
Tgt Ion:105 Resp: 756495
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 47.15 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

Tgt Ion:119 Resp: 703189
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.7 41.0
 91 21.5 10.8 32.4

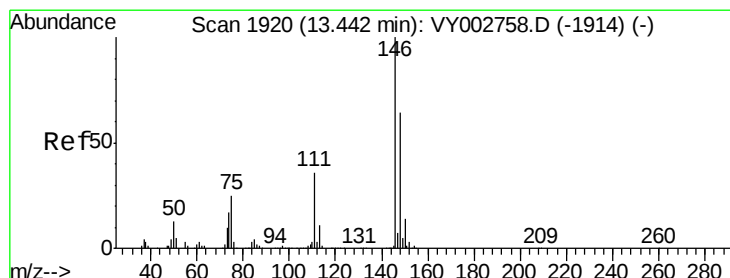
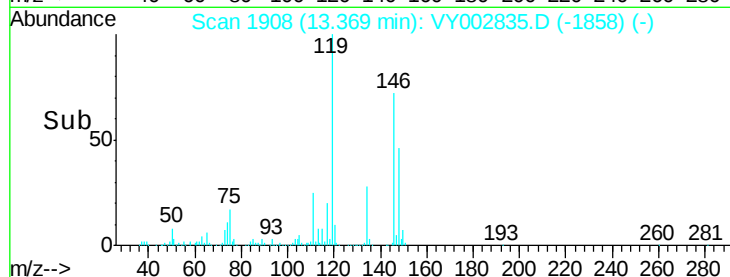
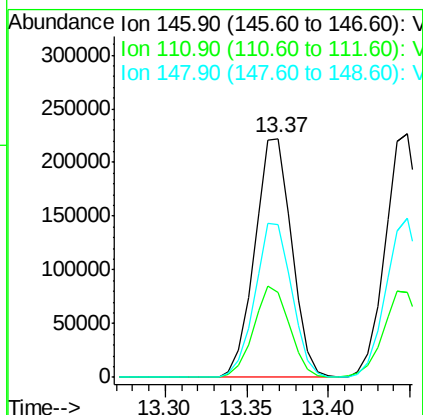
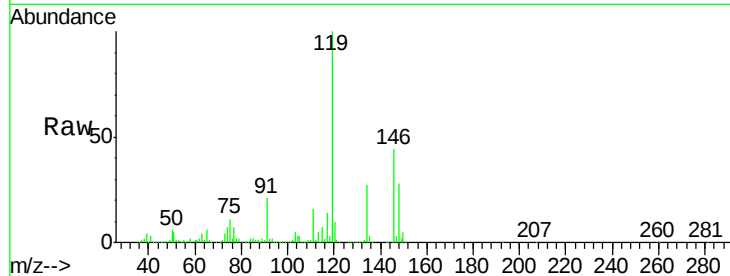




#87
1,3-Dichlorobenzene
Concen: 45.21 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

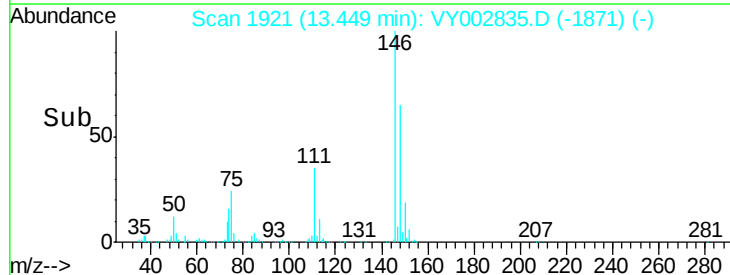
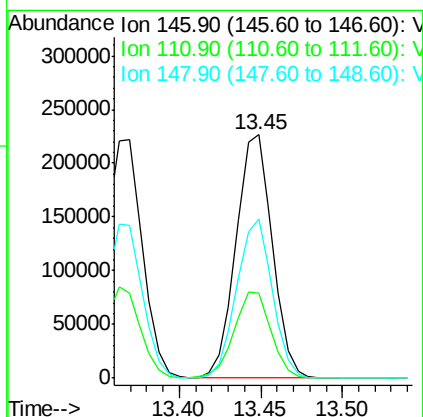
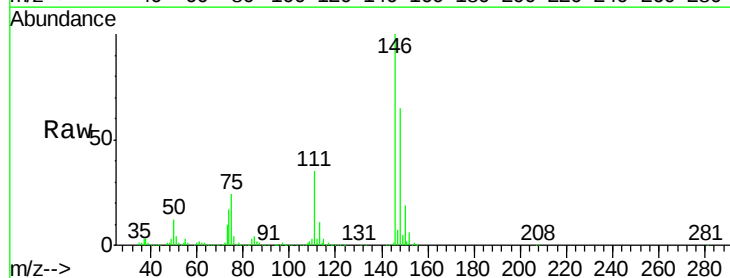
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 350933
Ion Ratio Lower Upper
146 100
111 37.0 18.4 55.0
148 64.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 45.18 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion:146 Resp: 350825
Ion Ratio Lower Upper
146 100
111 36.1 18.1 54.3
148 64.3 32.1 96.3

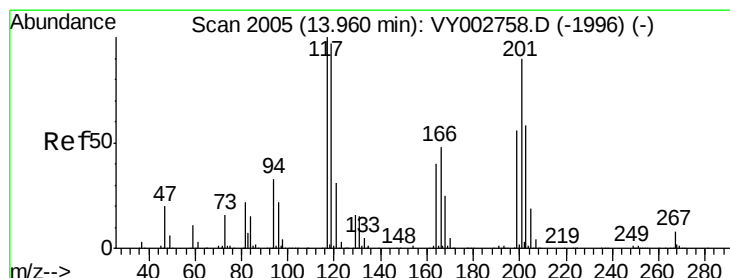
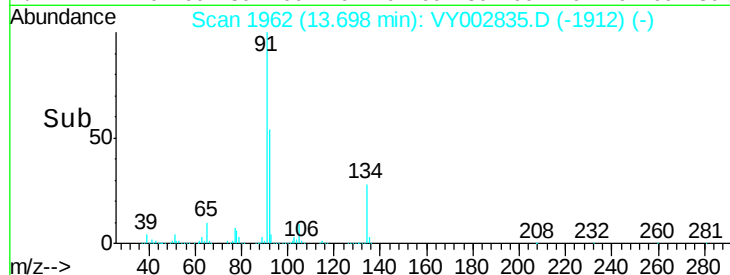
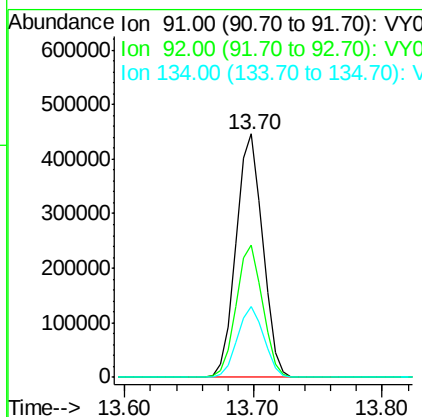
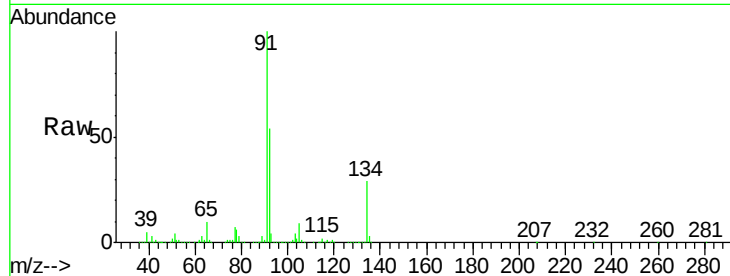




#89
n-Butylbenzene
Concen: 47.29 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

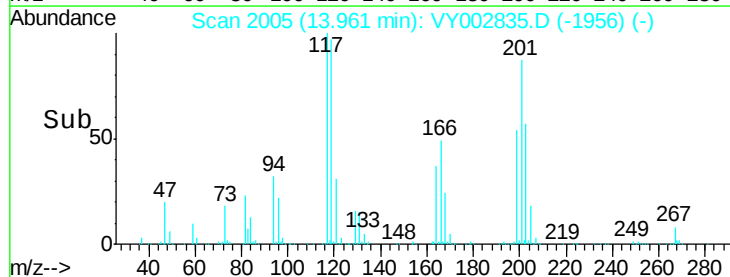
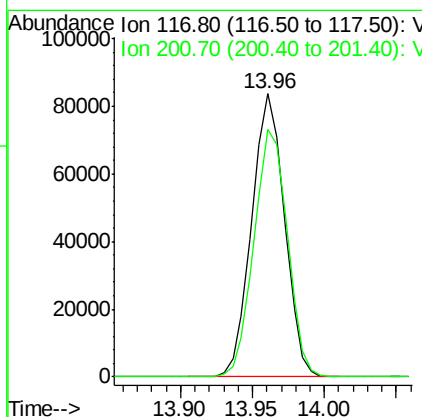
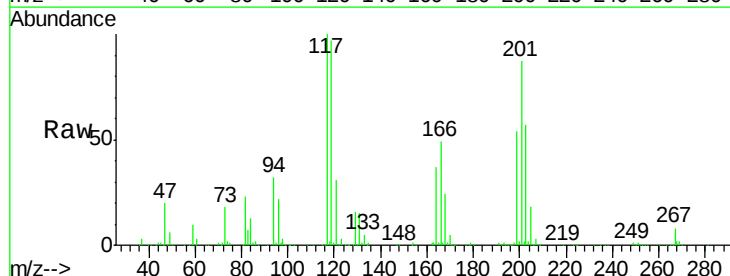
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 640350
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 28.9 14.3 42.9



#90
Hexachloroethane
Concen: 47.17 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion: 117 Resp: 131702
Ion Ratio Lower Upper
117 100
201 89.0 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 45.12 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

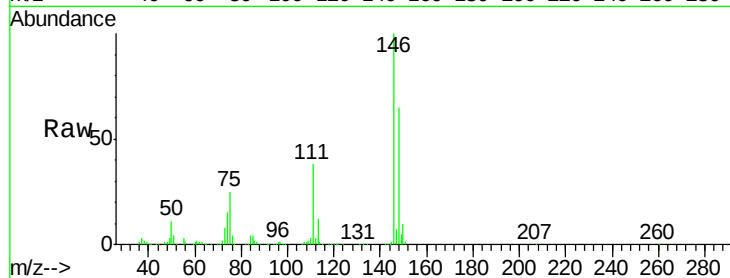
Tgt Ion:146 Resp: 317643

Ion Ratio Lower Upper

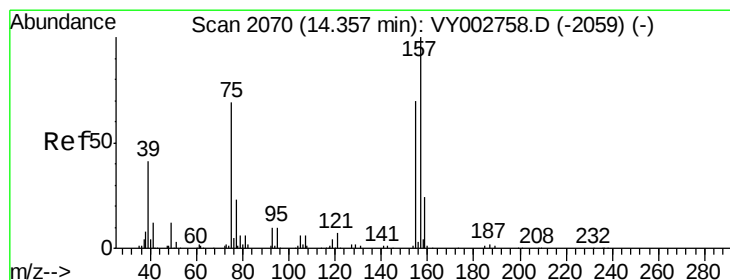
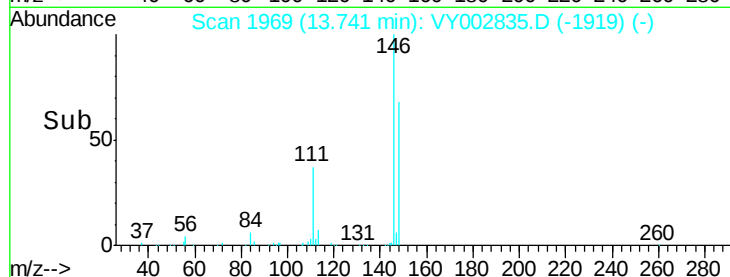
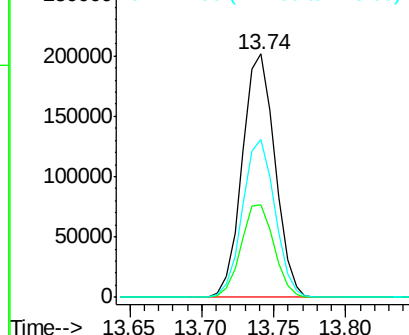
146 100

111 38.4 18.9 56.9

148 64.0 31.9 95.5



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: 43.00 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002835.D

Acq: 04 Jun 2020 12:07

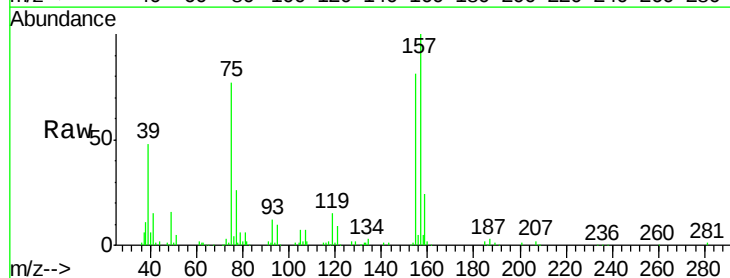
Tgt Ion: 75 Resp: 22845

Ion Ratio Lower Upper

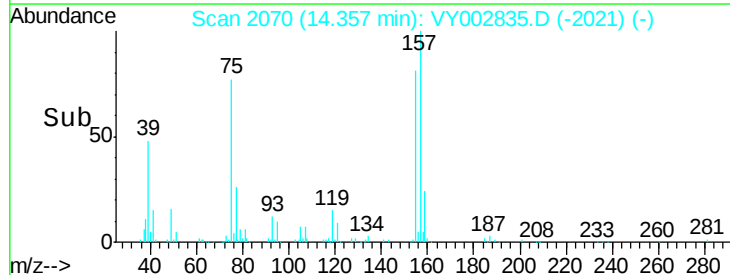
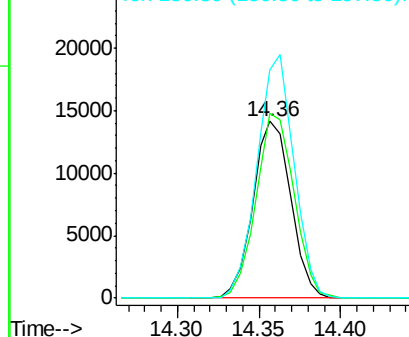
75 100

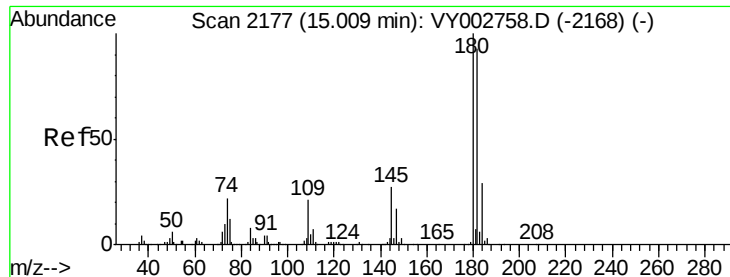
155 104.7 53.5 160.5

157 133.7 69.9 209.7



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

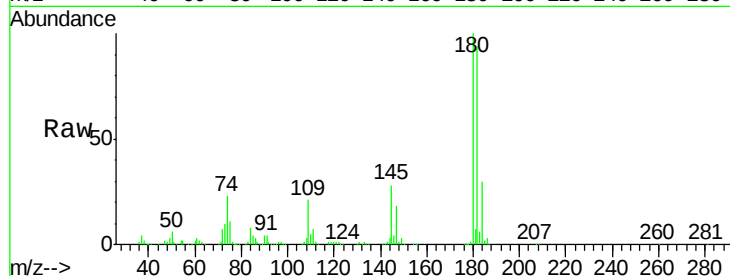




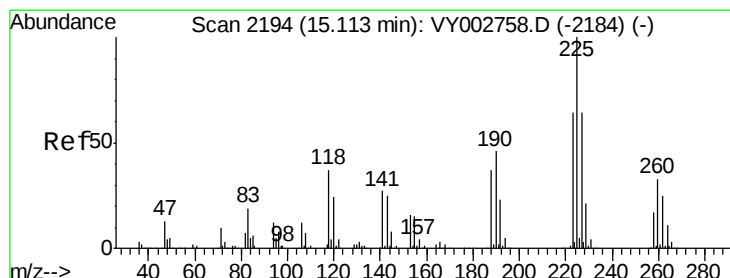
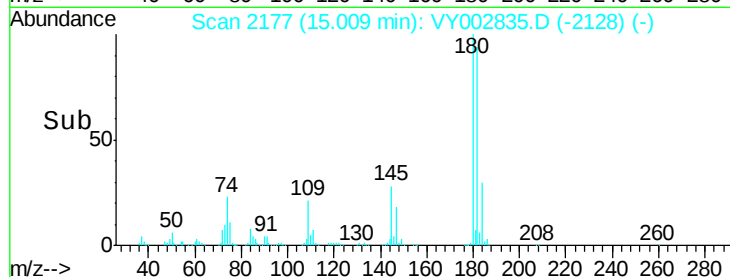
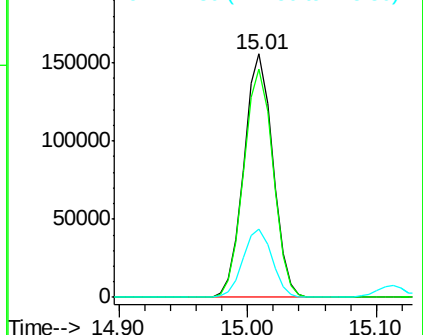
#93
 1,2,4-Trichlorobenzene
 Concen: 45.39 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 240880
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.9
 145 28.2 14.1 42.3

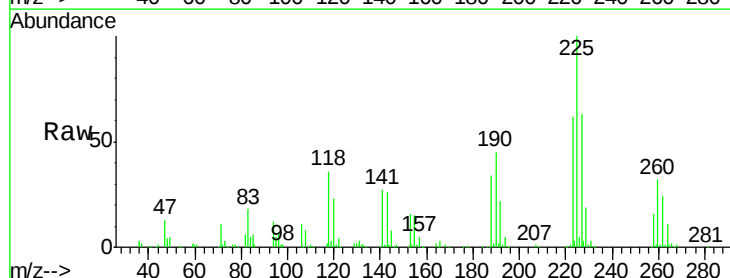


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

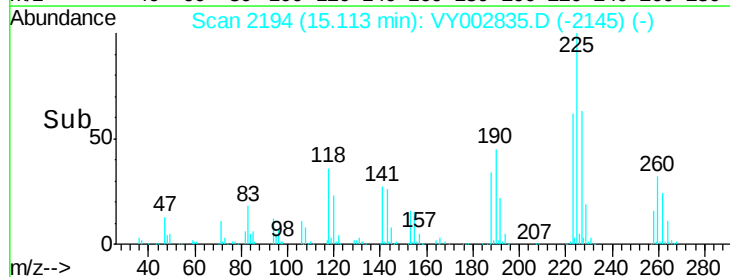
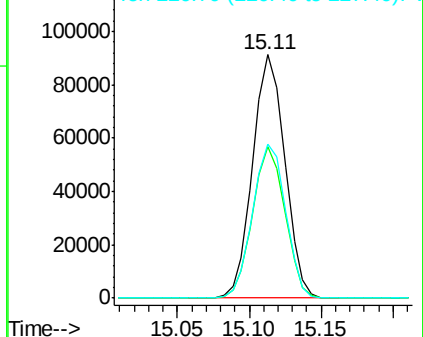


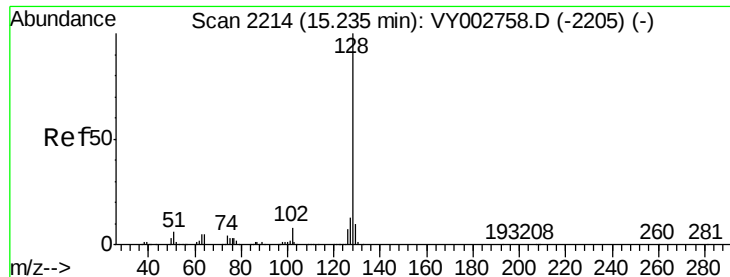
#94
 Hexachlorobutadiene
 Concen: 46.96 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002835.D
 Acq: 04 Jun 2020 12:07

Tgt Ion:225 Resp: 141335
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.5 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

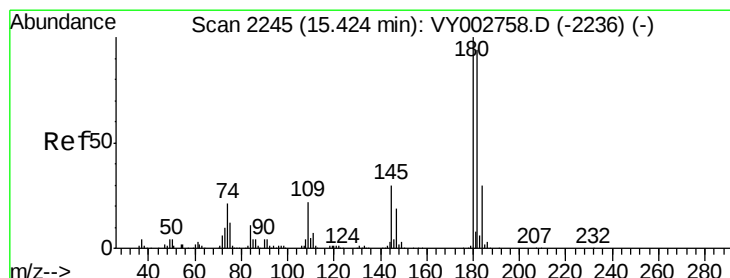
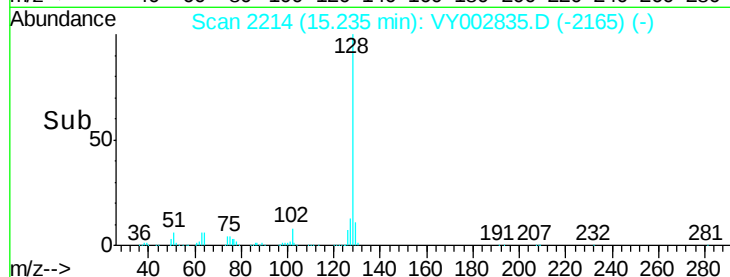
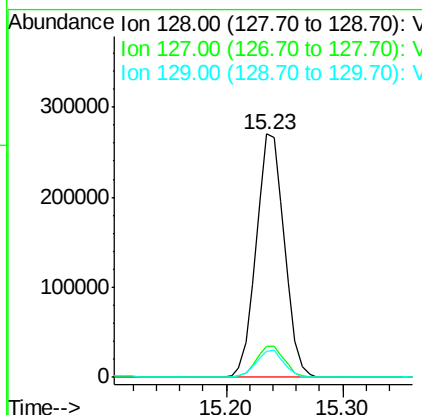
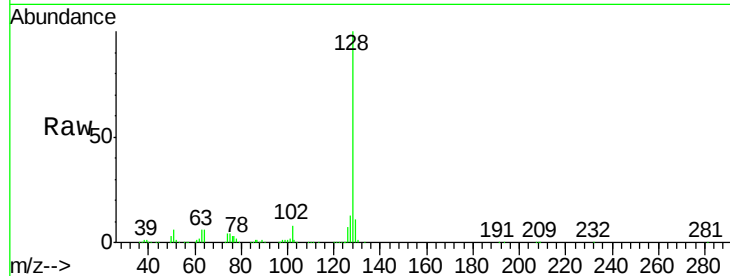




#95
Naphthalene
Concen: 42.93 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 456763
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.61 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002835.D
Acq: 04 Jun 2020 12:07

Tgt Ion:180 Resp: 211396
Ion Ratio Lower Upper
180 100
182 94.6 48.1 144.4
145 29.9 15.1 45.3

