

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
 Data File : VY002670.D
 Acq On : 12 May 2020 15:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 13 02:25:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	366487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	549624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	484822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	238559	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	135231	43.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.76%	
35) Dibromofluoromethane	7.73	113	155170	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.18	98	612122	49.87	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.48	95	201828	48.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.90	85	140149	46.41	ug/l	98
3) Chloromethane	2.12	50	152367	51.32	ug/l	99
4) Vinyl Chloride	2.26	62	174219	50.81	ug/l	97
5) Bromomethane	2.65	94	120460	50.95	ug/l	100
6) Chloroethane	2.80	64	104171	50.89	ug/l	98
7) Trichlorofluoromethane	3.13	101	265005	49.87	ug/l	99
8) Diethyl Ether	3.54	74	84081	47.09	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	165194	50.87	ug/l	99
10) Methyl Iodide	4.10	142	221038	49.96	ug/l	99
11) Tert butyl alcohol	4.97	59	55575	175.30	ug/l	100
12) 1,1-Dichloroethene	3.88	96	161021	51.04	ug/l	97
13) Acrolein	3.74	56	38496	175.60	ug/l	98
14) Allyl chloride	4.49	41	237955	51.77	ug/l	97
15) Acrylonitrile	5.18	53	173250	205.74	ug/l	100
16) Acetone	3.96	43	117744	185.15	ug/l	100
17) Carbon Disulfide	4.21	76	475117	50.06	ug/l	99
18) Methyl Acetate	4.49	43	84697	39.86	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	370065	44.96	ug/l	97
20) Methylene Chloride	4.73	84	168688	47.43	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	176170	51.09	ug/l	99
22) Diisopropyl ether	6.13	45	468644	50.39	ug/l	94
23) Vinyl Acetate	6.07	43	1313827	224.61	ug/l	100
24) 1,1-Dichloroethane	6.03	63	282867	51.41	ug/l	100
25) 2-Butanone	7.00	43	202659	194.67	ug/l	97
26) 2,2-Dichloropropane	6.99	77	252995	48.37	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	191989	50.32	ug/l	99
28) Bromochloromethane	7.35	49	121786	54.02	ug/l	100
29) Tetrahydrofuran	7.35	42	138991	201.80	ug/l	100
30) Chloroform	7.52	83	286205	50.02	ug/l	97
31) Cyclohexane	7.79	56	270297	48.80	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	264594	49.76	ug/l	99
36) 1,1-Dichloropropene	7.93	75	230104	49.94	ug/l	99
37) Ethyl Acetate	7.08	43	94340	39.84	ug/l	98
38) Carbon Tetrachloride	7.91	117	247808	49.26	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	305798	50.25	ug/l	98
40) Benzene	8.17	78	666386	50.08	ug/l	99
41) Methacrylonitrile	7.35	41	128132	100.65	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	162790	43.61	ug/l	98
43) Isopropyl Acetate	8.28	43	183214	41.28	ug/l	98
44) Trichloroethene	8.94	130	210816	50.69	ug/l	98
45) 1,2-Dichloropropane	9.22	63	158023	49.20	ug/l	99
46) Dibromomethane	9.31	93	82692	44.75	ug/l	99
47) Bromodichloromethane	9.50	83	213278	47.47	ug/l	98
48) Methyl methacrylate	9.30	41	83093	41.36	ug/l	98
49) 1,4-Dioxane	9.30	88	20221	826.47	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	470827	205.79	ug/l	99
52) Toluene	10.25	92	426513	49.87	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	218845	46.49	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	262280	48.19	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	122050	45.29	ug/l	99
56) Ethyl methacrylate	10.51	69	158765	44.29	ug/l	98
57) 1,3-Dichloropropane	10.79	76	202864	44.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	421258	222.83	ug/l	99
59) 2-Hexanone	10.83	43	315121	200.11	ug/l	99
60) Dibromochloromethane	10.99	129	156596	45.69	ug/l	100
61) 1,2-Dibromoethane	11.09	107	117544	44.05	ug/l	99
64) Tetrachloroethene	10.72	164	233508	54.21	ug/l	99
65) Chlorobenzene	11.52	112	462635	50.20	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	173103	50.60	ug/l	100
67) Ethyl Benzene	11.60	91	829601	51.24	ug/l	99
68) m/p-Xylenes	11.70	106	641002	102.33	ug/l	100
69) o-Xylene	12.03	106	302071	51.50	ug/l	98
70) Styrene	12.05	104	507706	50.64	ug/l	100
71) Bromoform	12.21	173	95221	44.84	ug/l #	100
73) Isopropylbenzene	12.33	105	828556	53.59	ug/l	100
74) N-amyl acetate	12.14	43	169485	45.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	103413	42.06	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	167122	78.83	ug/l #	100
77) Bromobenzene	12.61	156	196907	50.98	ug/l	98
78) n-propylbenzene	12.67	91	961842	53.61	ug/l	100
79) 2-Chlorotoluene	12.76	91	521471	52.47	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	680651	53.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	45972	43.48	ug/l	98
82) 4-Chlorotoluene	12.86	91	540791	51.80	ug/l	100
83) tert-Butylbenzene	13.08	119	605518	53.88	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	674938	52.84	ug/l	100
85) sec-Butylbenzene	13.25	105	837380	53.70	ug/l	100
86) p-Isopropyltoluene	13.37	119	770265	52.72	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	371944	50.88	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	363775	50.25	ug/l	99
89) n-Butylbenzene	13.70	91	700964	52.70	ug/l	100
90) Hexachloroethane	13.96	117	143519	53.94	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	325256	49.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18201	39.71	ug/l	97

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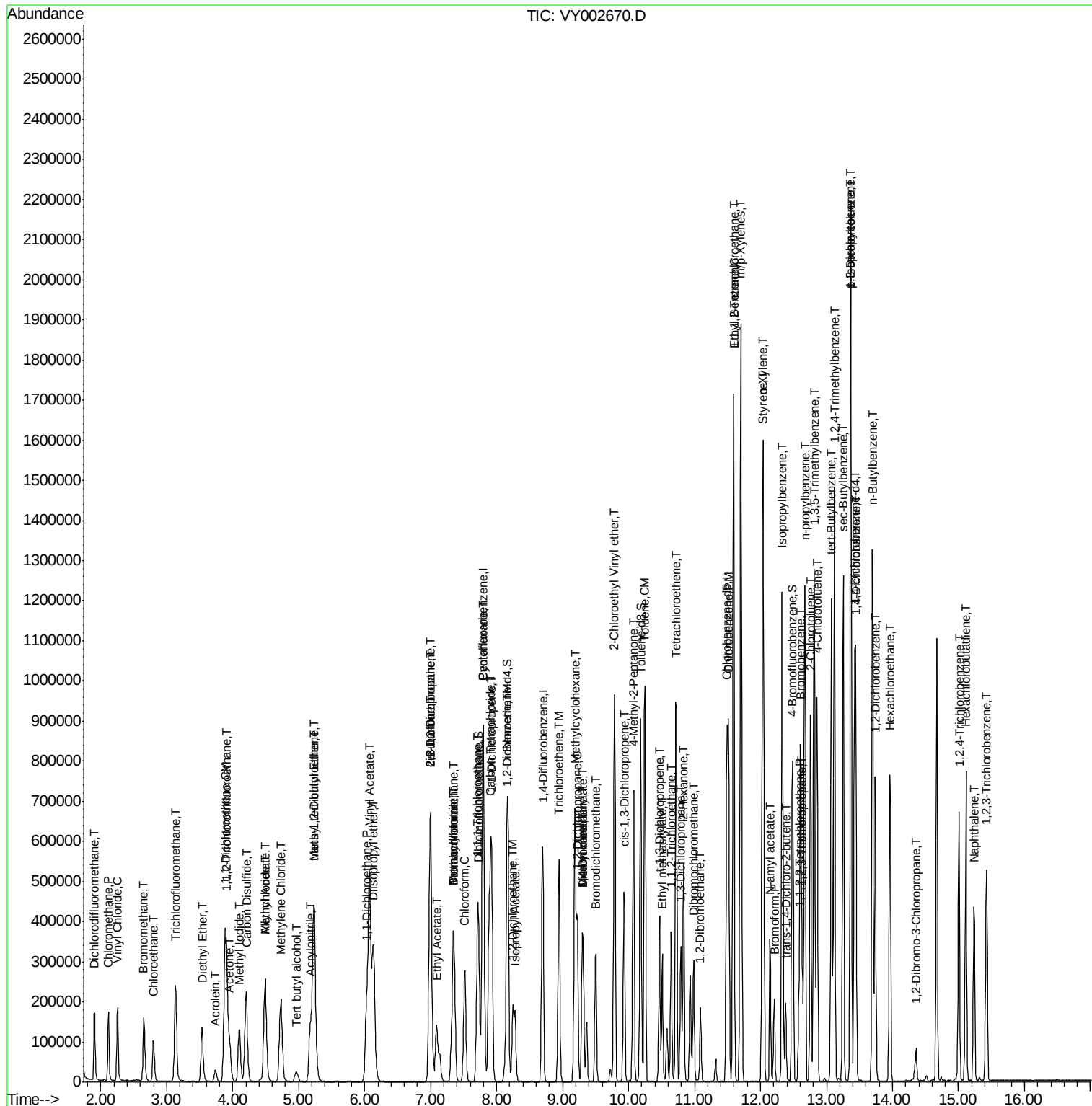
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	226885	47.90	ug/l	100
94) Hexachlorobutadiene	15.11	225	148099	52.09	ug/l	99
95) Naphthalene	15.23	128	369949	42.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	182817	45.47	ug/l	100

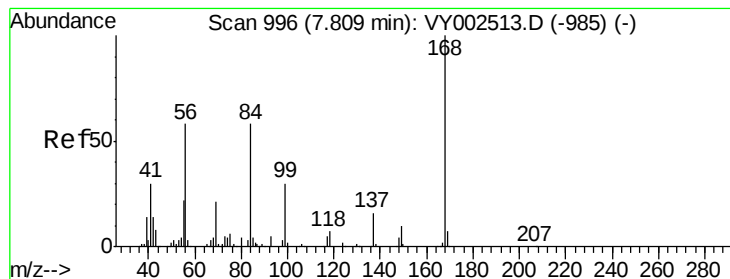
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

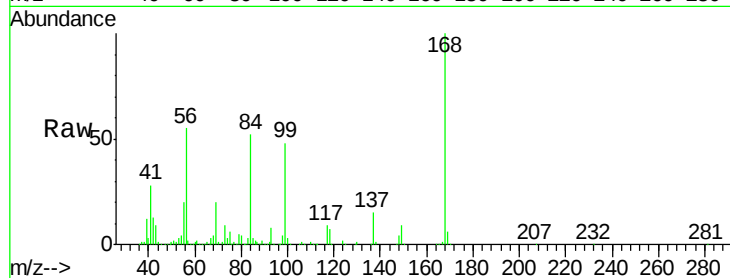
VSTDCCC050EC

Tgt Ion:168 Resp: 366487

Ion Ratio Lower Upper

168 100

99 48.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

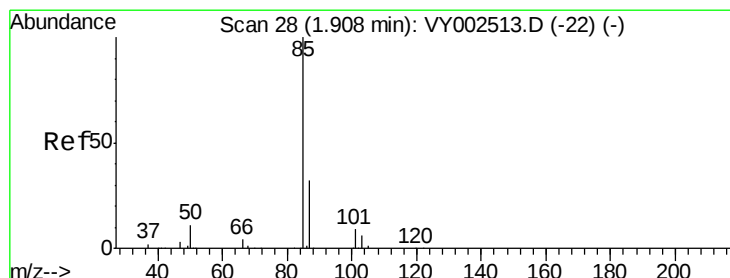
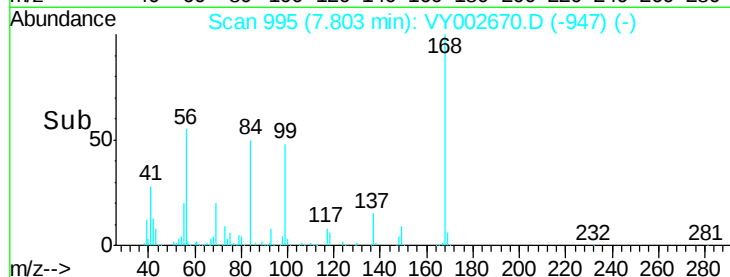
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.41 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002670.D

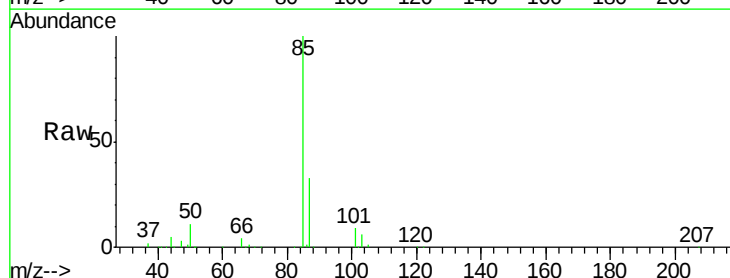
Acq: 12 May 2020 15:45

Tgt Ion: 85 Resp: 140149

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.90

100000

80000

60000

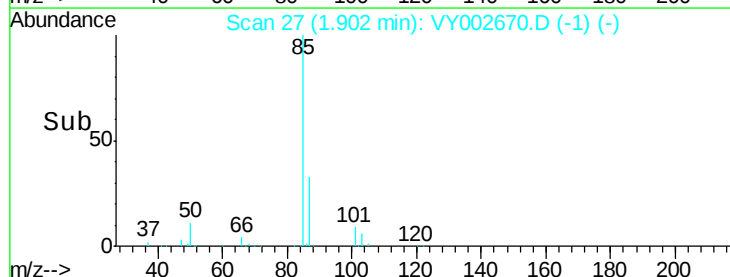
40000

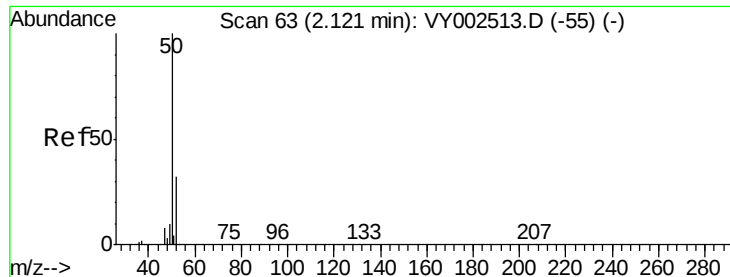
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 51.32 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

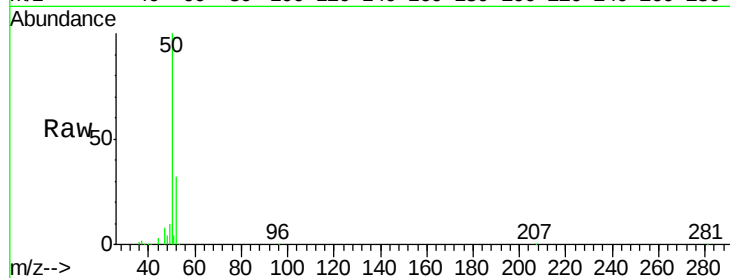
VSTDCCC050EC

Tgt Ion: 50 Resp: 152367

Ion Ratio Lower Upper

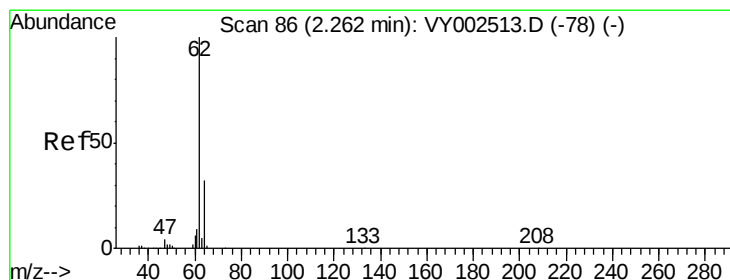
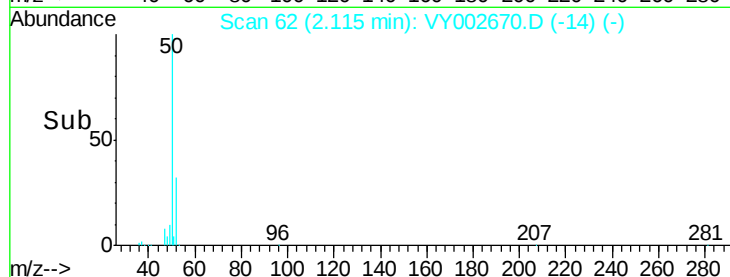
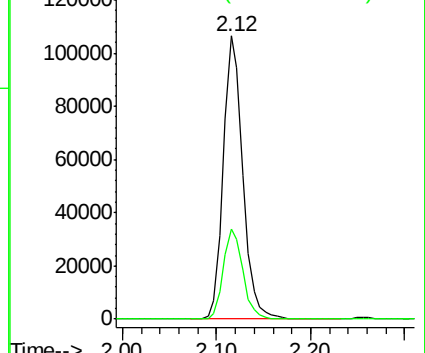
50 100

52 32.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.81 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002670.D

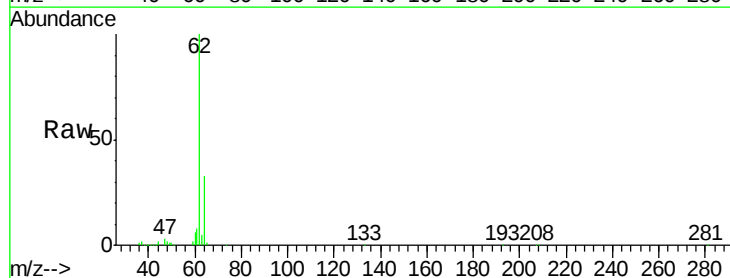
Acq: 12 May 2020 15:45

Tgt Ion: 62 Resp: 174219

Ion Ratio Lower Upper

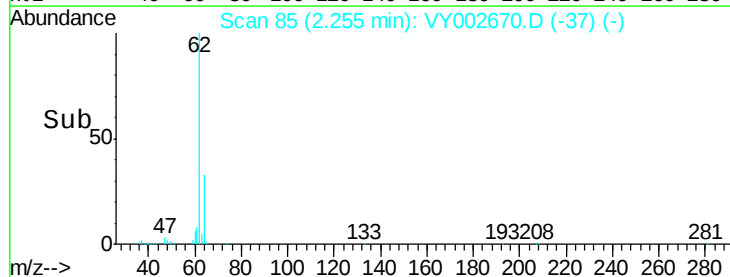
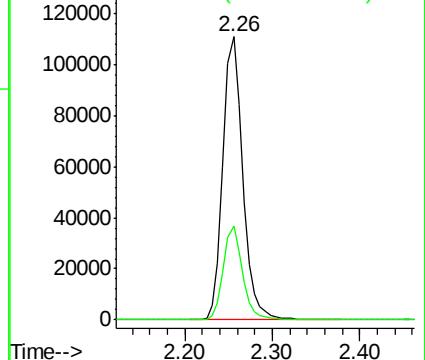
62 100

64 33.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.95 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

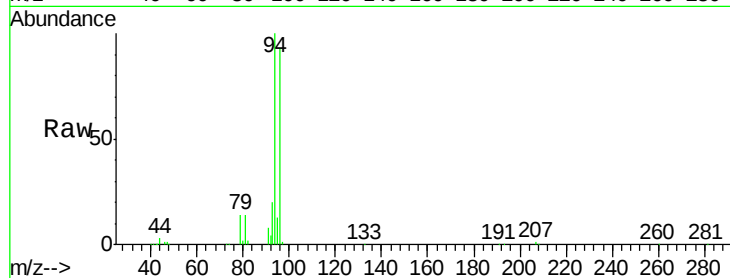
VSTDCCC050EC

Tgt Ion: 94 Resp: 120460

Ion Ratio Lower Upper

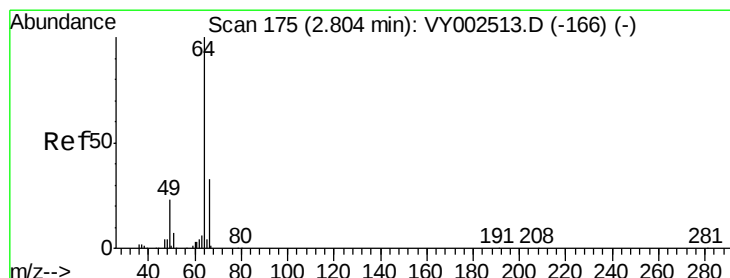
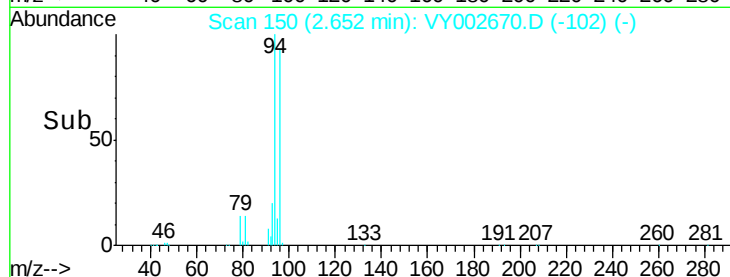
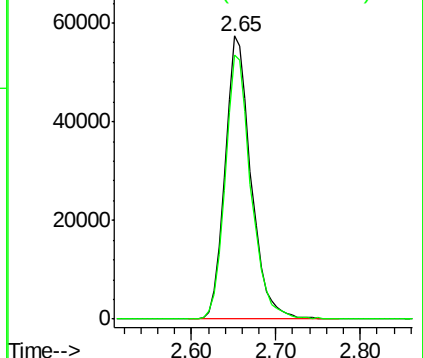
94 100

96 93.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.89 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002670.D

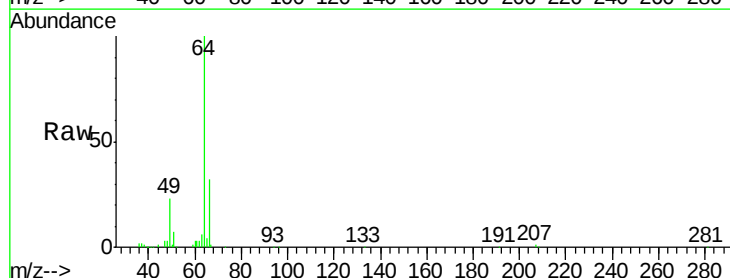
Acq: 12 May 2020 15:45

Tgt Ion: 64 Resp: 104171

Ion Ratio Lower Upper

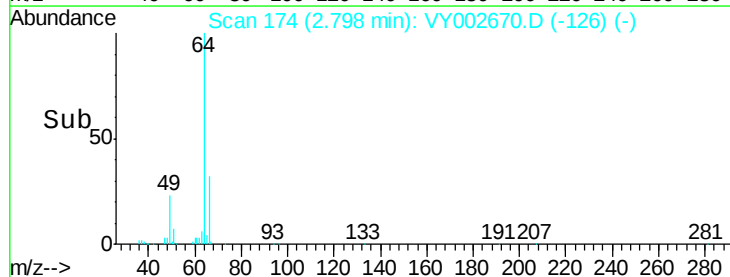
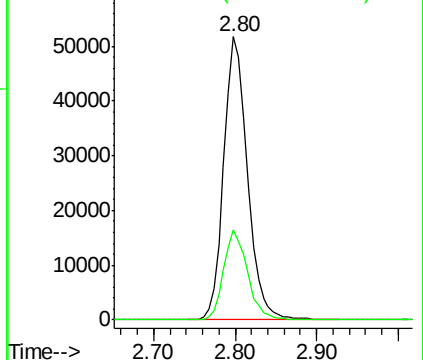
64 100

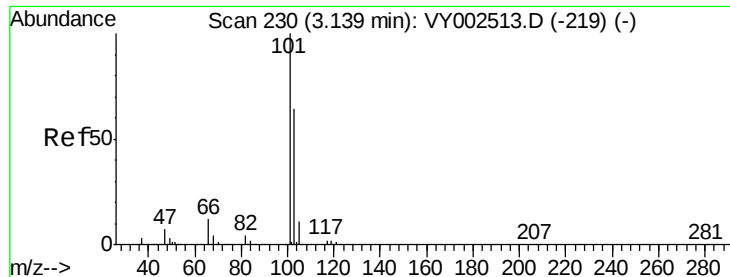
66 31.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 49.87 ug/l

RT: 3.13 min Scan# 229

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

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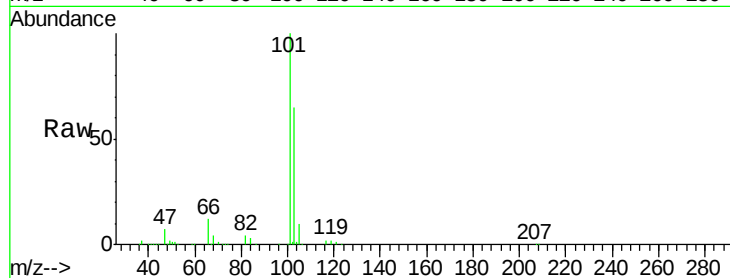
VSTDCCC050EC

Tgt Ion:101 Resp: 265005

Ion Ratio Lower Upper

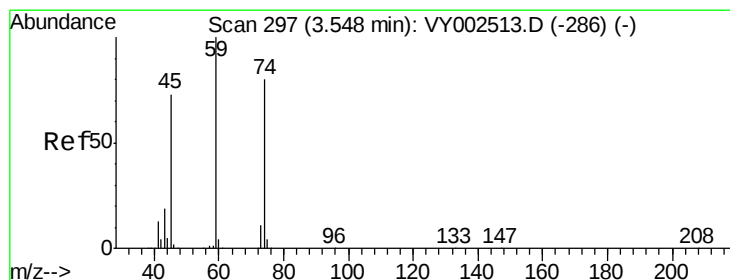
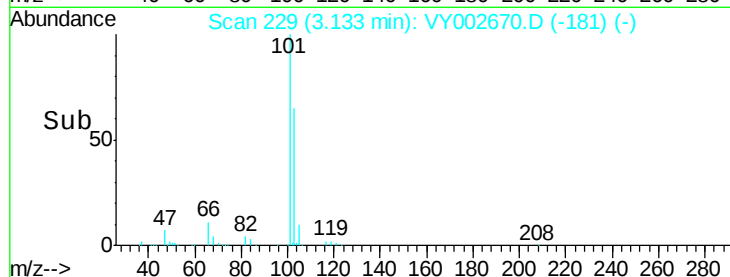
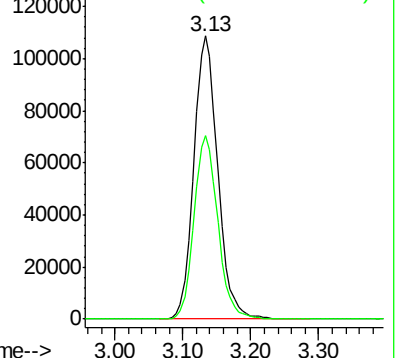
101 100

103 64.8 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.09 ug/l

RT: 3.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: VY002670.D

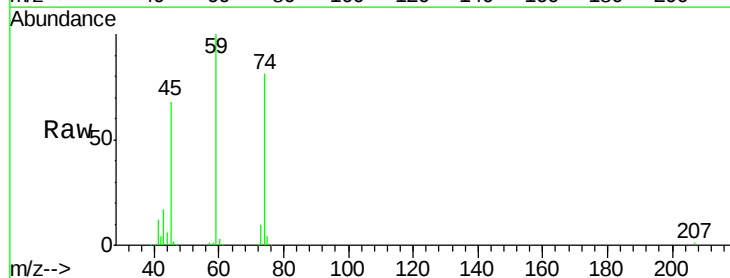
Acq: 12 May 2020 15:45

Tgt Ion: 74 Resp: 84081

Ion Ratio Lower Upper

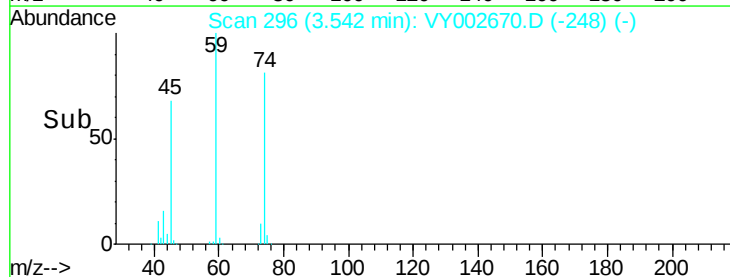
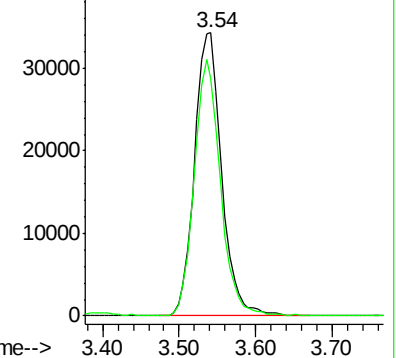
74 100

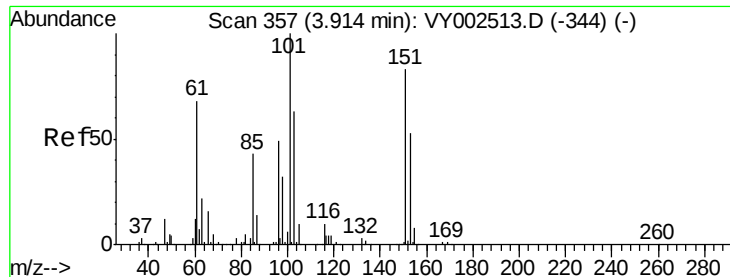
45 87.6 46.2 138.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.87 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

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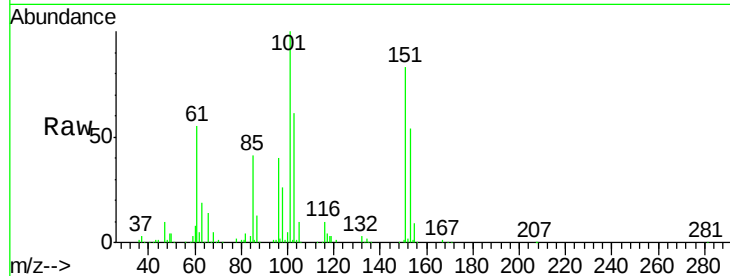
Tgt Ion:101 Resp: 165194

Ion Ratio Lower Upper

101 100

85 41.4 33.4 50.2

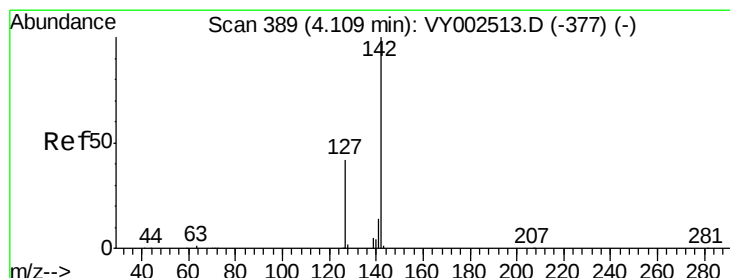
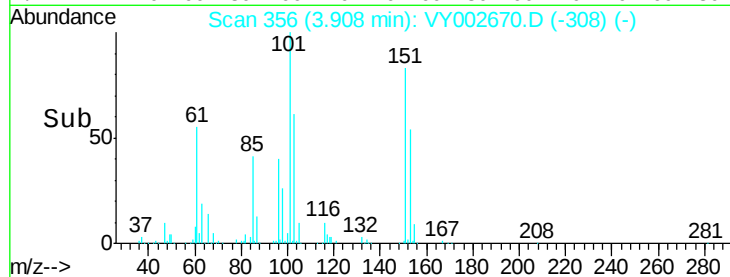
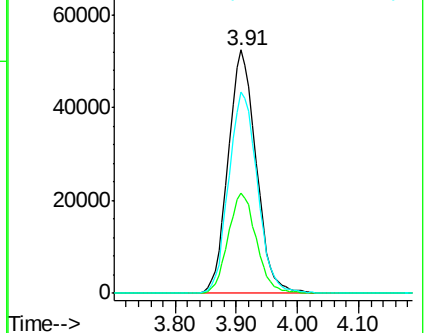
151 85.0 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.96 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

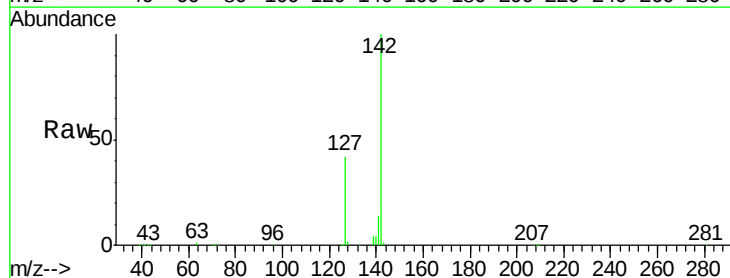
Tgt Ion:142 Resp: 221038

Ion Ratio Lower Upper

142 100

127 41.3 33.7 50.5

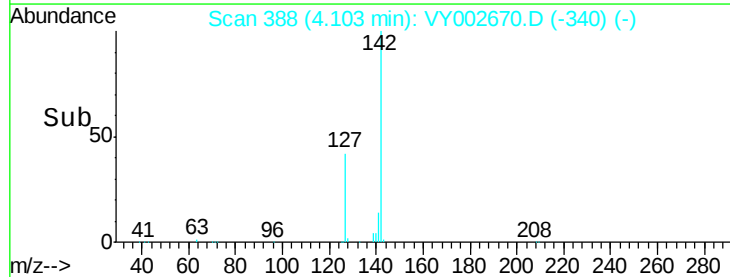
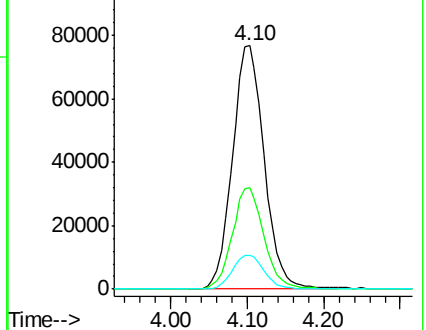
141 14.0 11.4 17.0



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



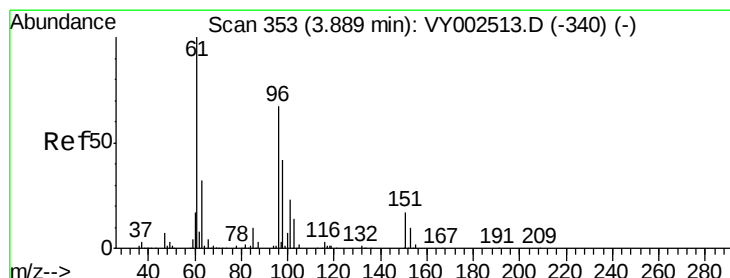
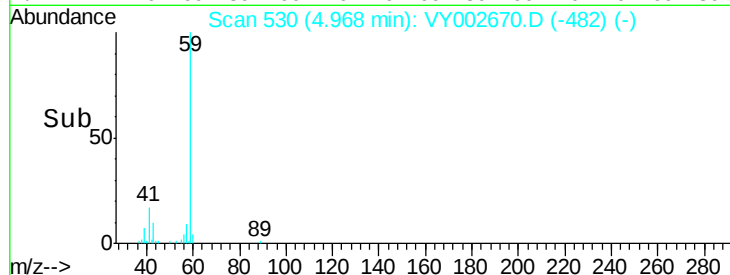
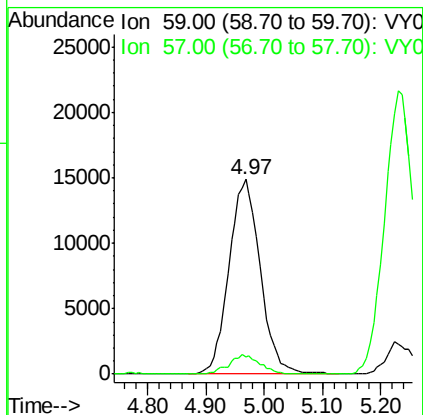
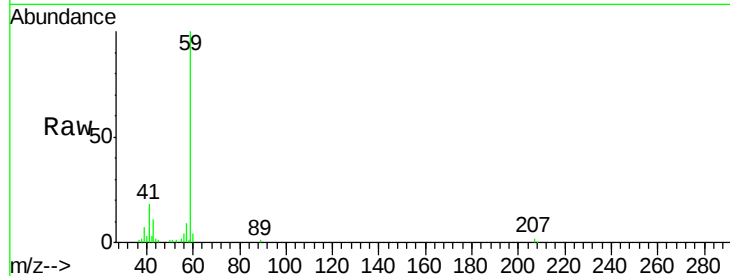


#11

Tert butyl alcohol
 Concen: 175.30 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

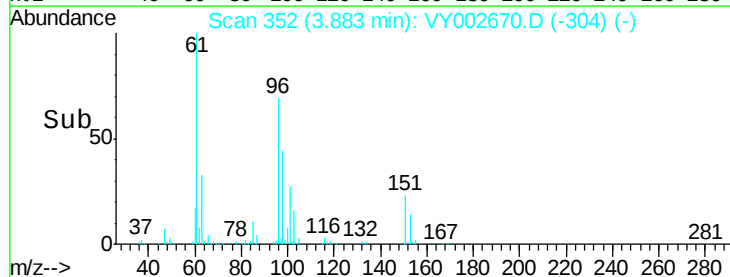
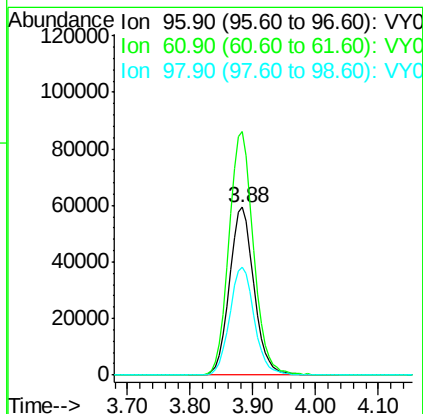
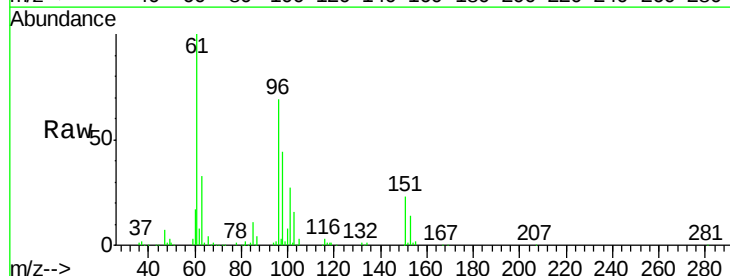
Tgt Ion: 59 Resp: 55575
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

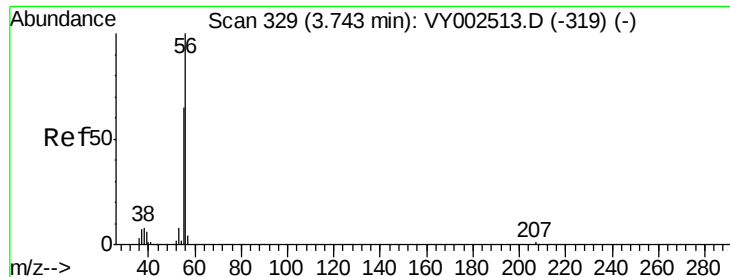


#12

1,1-Dichloroethene
 Concen: 51.04 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion: 96 Resp: 161021
 Ion Ratio Lower Upper
 96 100
 61 145.0 118.8 178.2
 98 64.2 49.6 74.4





#13

Acrolein

Concen: 175.60 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

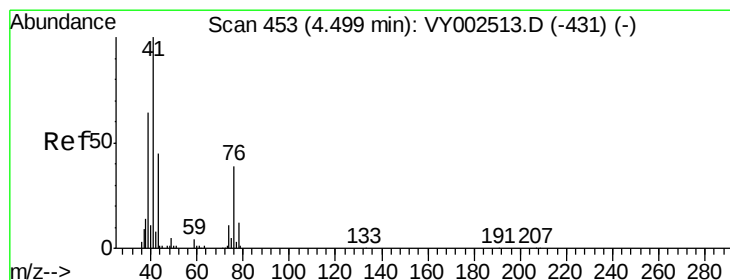
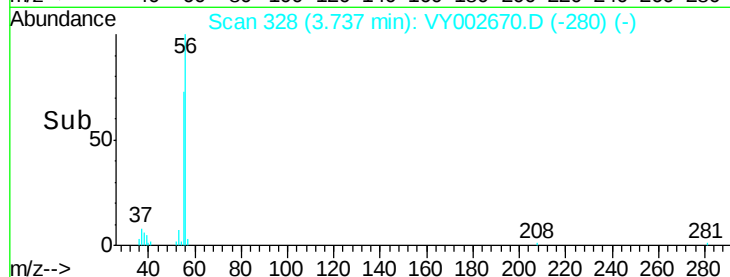
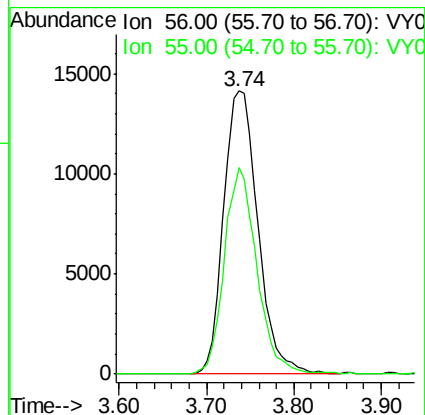
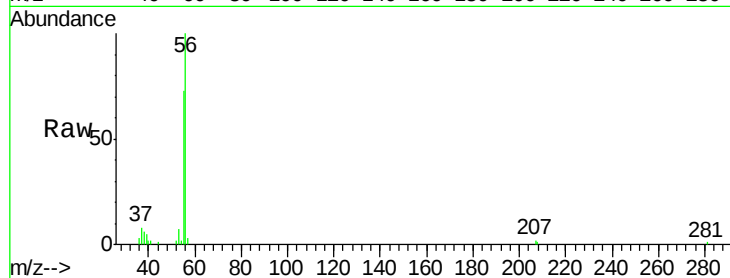
VSTDCCC050EC

Tgt Ion: 56 Resp: 38496

Ion Ratio Lower Upper

56 100

55 68.8 53.8 80.6



#14

Allyl chloride

Concen: 51.77 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

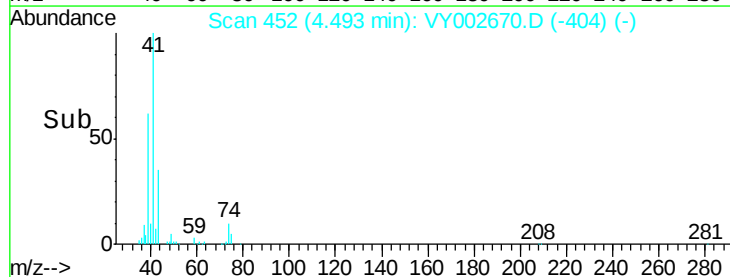
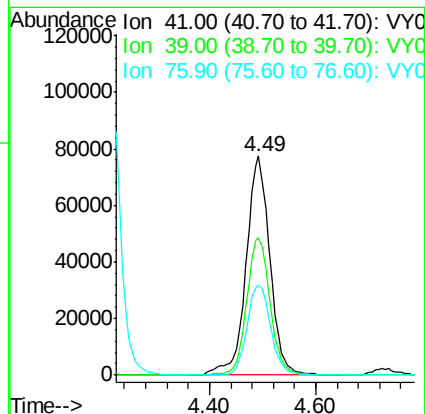
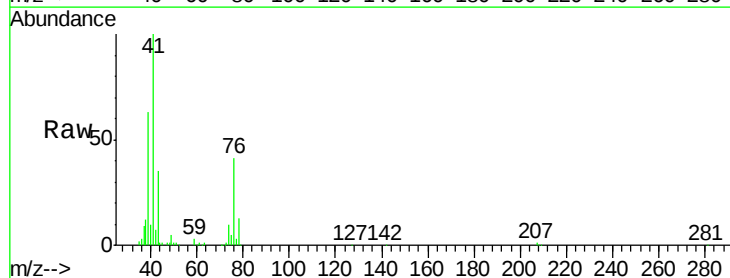
Tgt Ion: 41 Resp: 237955

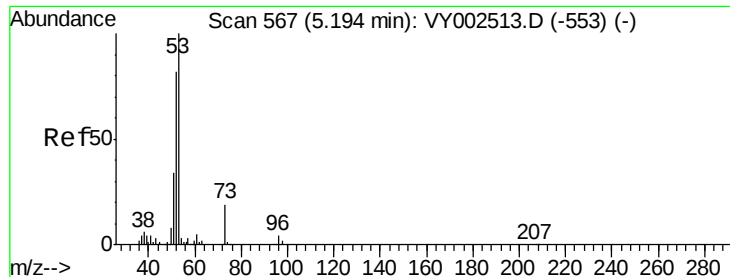
Ion Ratio Lower Upper

41 100

39 61.6 51.8 77.6

76 40.7 31.7 47.5





#15

Acrylonitrile

Concen: 205.74 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

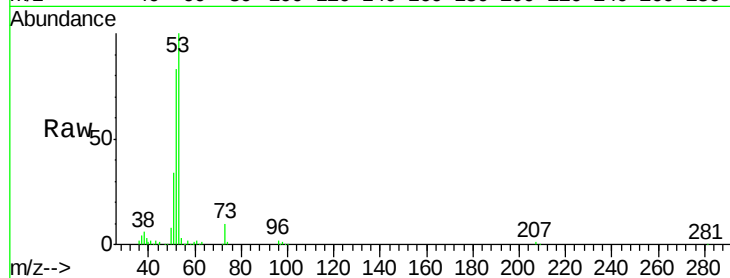
Tgt Ion: 53 Resp: 173250

Ion Ratio Lower Upper

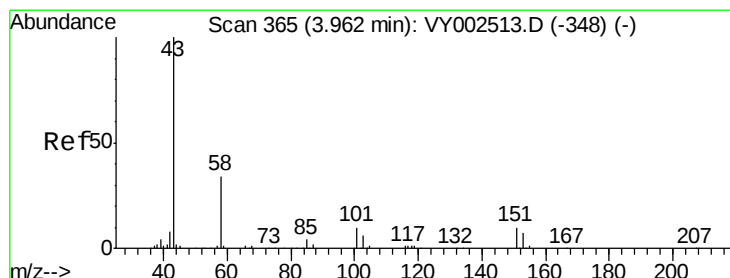
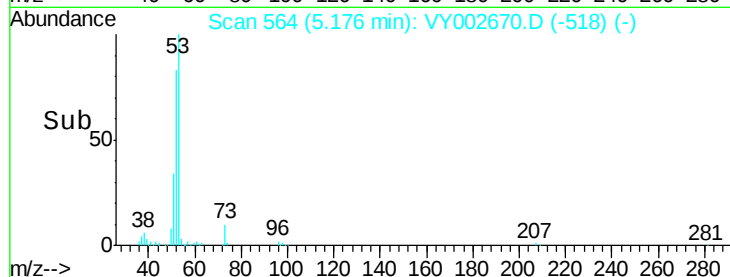
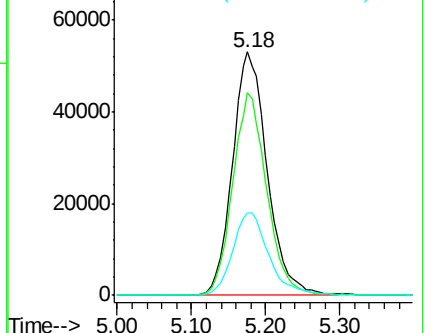
53 100

52 81.4 65.4 98.0

51 35.5 28.7 43.1



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: 185.15 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002670.D

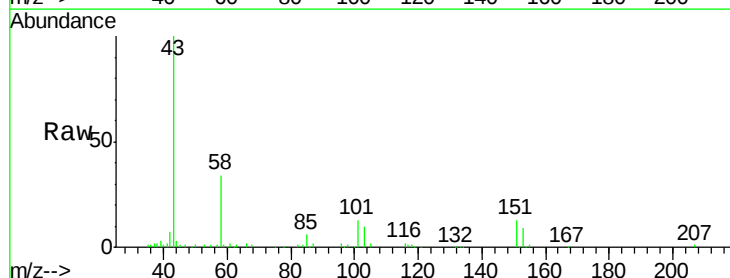
Acq: 12 May 2020 15:45

Tgt Ion: 43 Resp: 117744

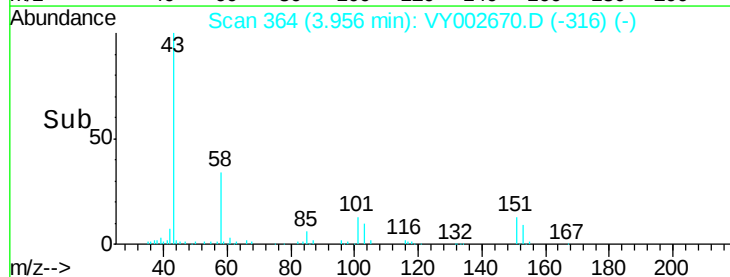
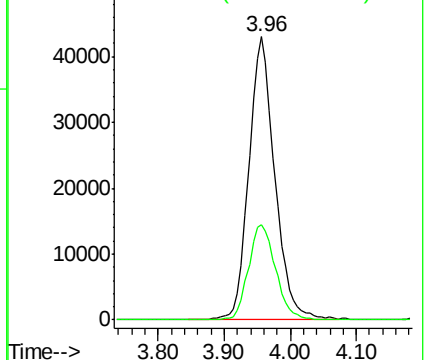
Ion Ratio Lower Upper

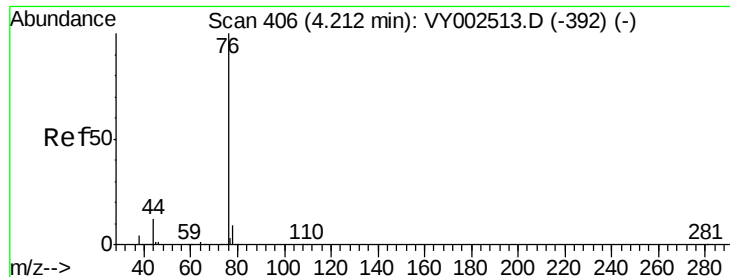
43 100

58 33.6 26.9 40.3



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

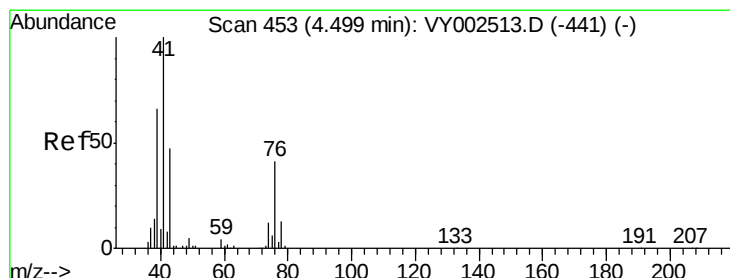
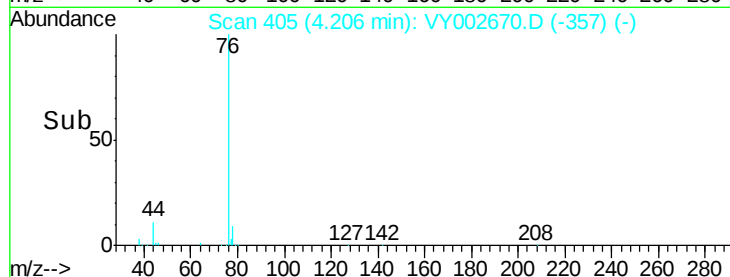
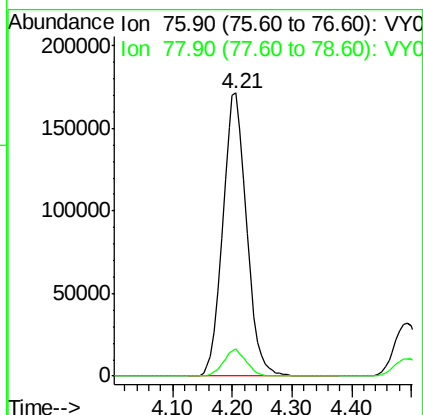
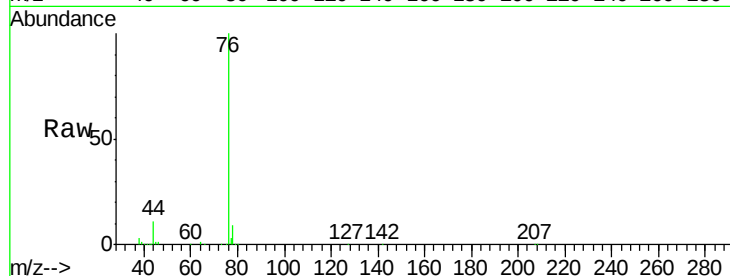




#17
Carbon Disulfide
Concen: 50.06 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

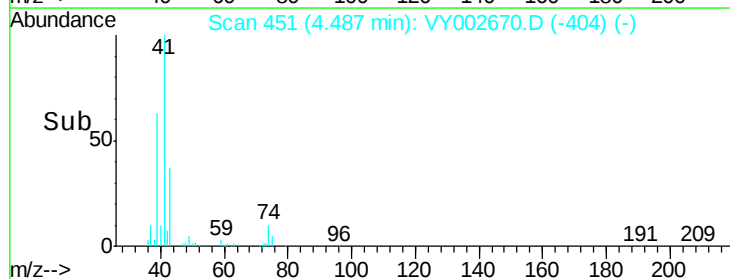
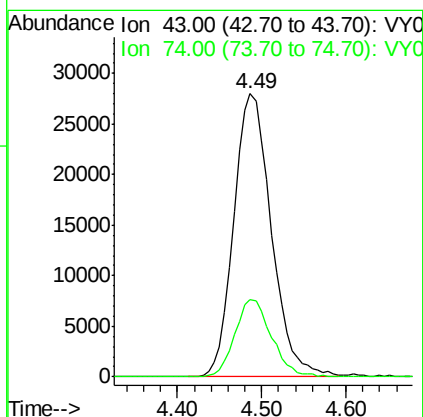
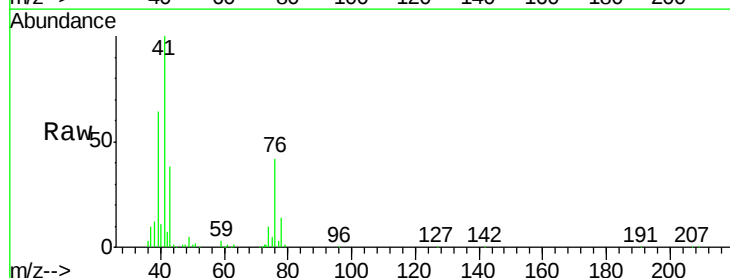
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

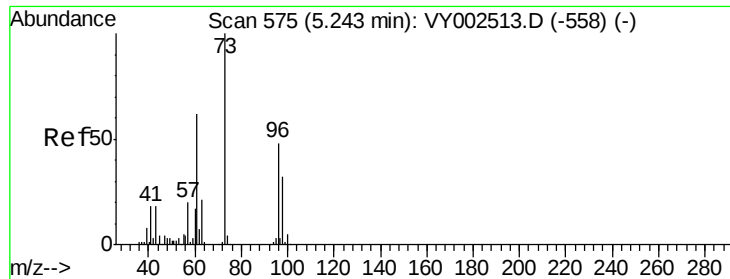
Tgt Ion: 76 Resp: 475117
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 39.86 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion: 43 Resp: 84697
Ion Ratio Lower Upper
43 100
74 26.6 21.2 31.8

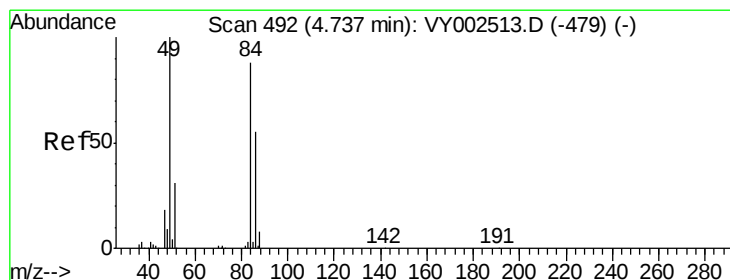
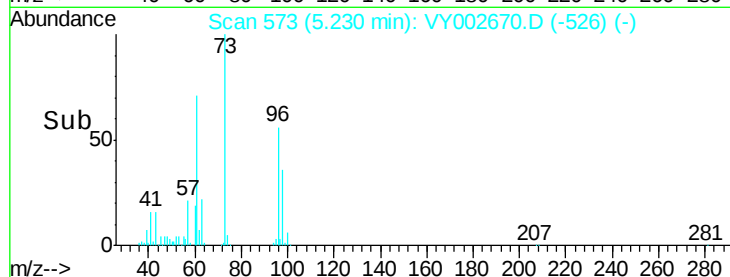
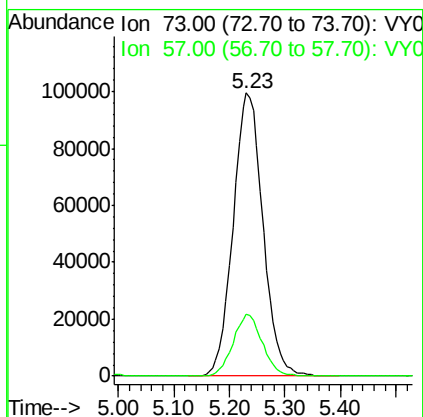
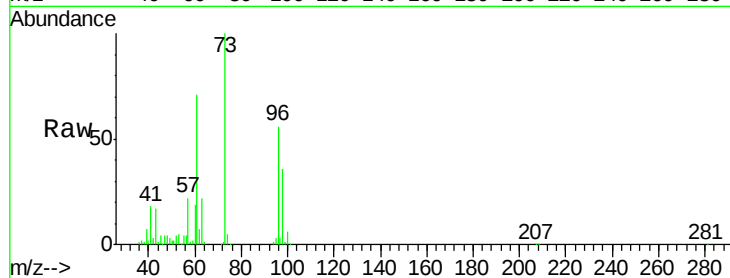




#19
Methyl tert-butyl Ether
Concen: 44.96 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

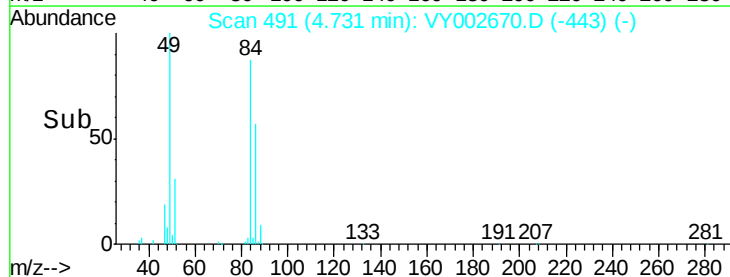
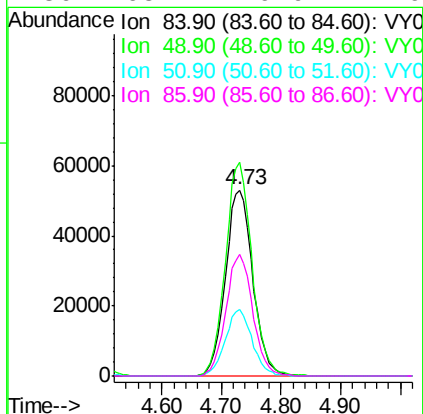
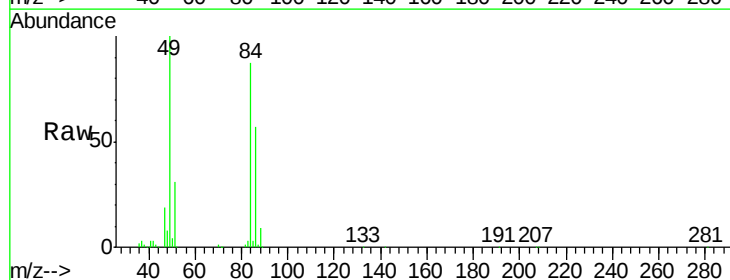
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

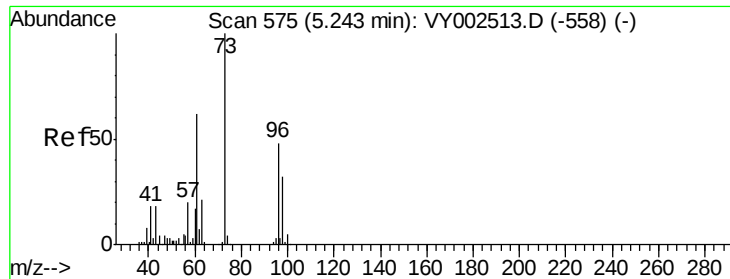
Tgt Ion: 73 Resp: 370065
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5



#20
Methylene Chloride
Concen: 47.43 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion: 84 Resp: 168688
Ion Ratio Lower Upper
84 100
49 114.7 90.5 135.7
51 35.5 28.3 42.5
86 65.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 51.09 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

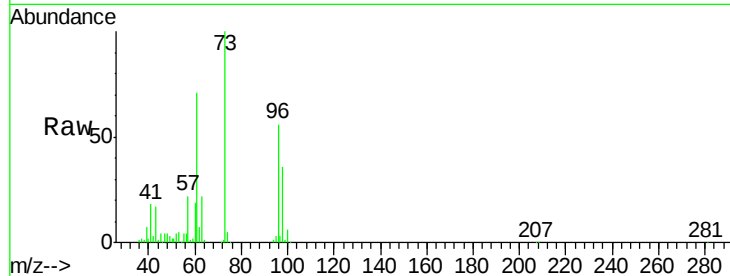
Tgt Ion: 96 Resp: 176170

Ion Ratio Lower Upper

96 100

61 127.2 102.0 153.0

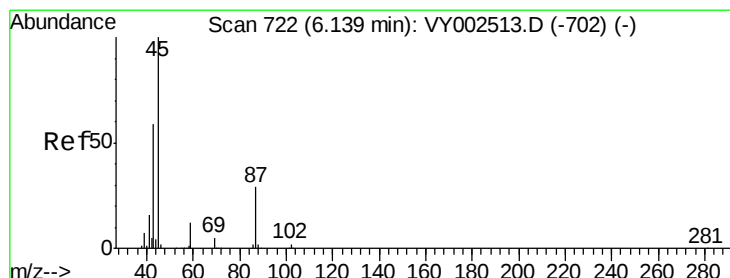
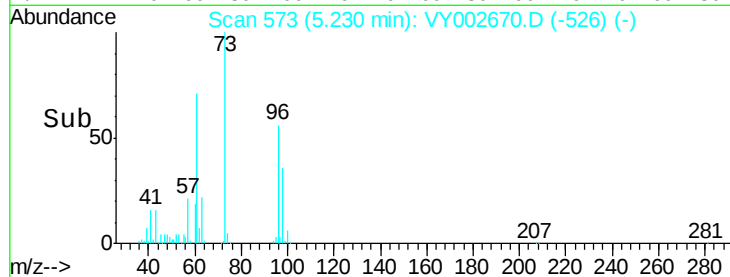
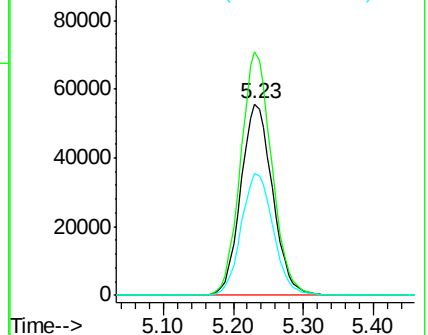
98 63.7 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 50.39 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Tgt Ion: 45 Resp: 468644

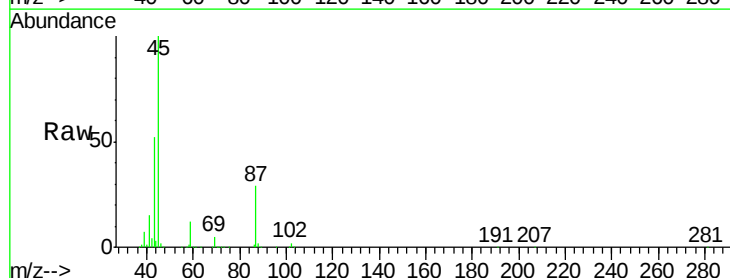
Ion Ratio Lower Upper

45 100

43 51.7 47.4 71.0

87 29.0 24.0 36.0

59 12.4 9.8 14.8

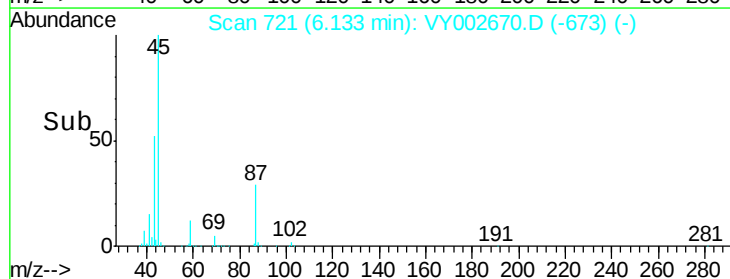
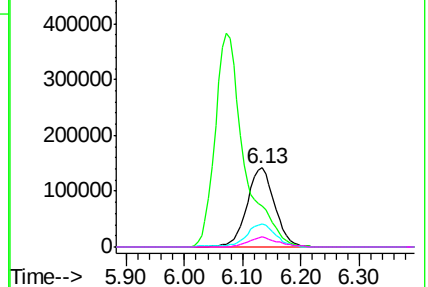


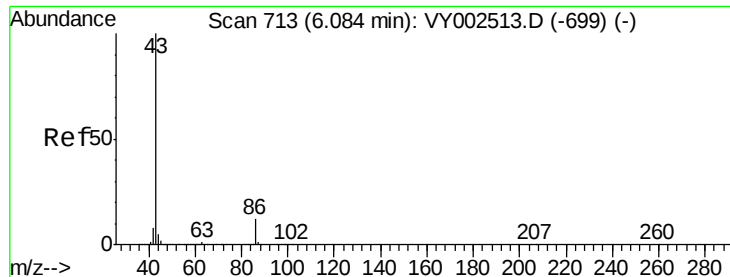
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 224.61 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

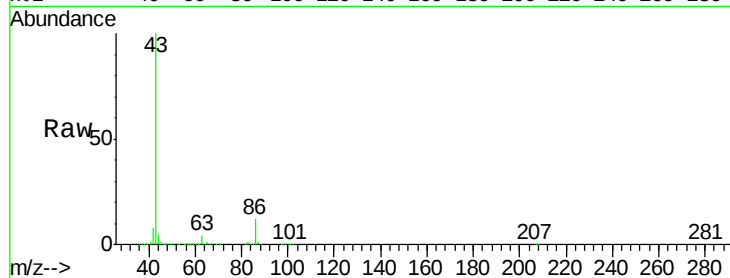
VSTDCCC050EC

Tgt Ion: 43 Resp: 1313827

Ion Ratio Lower Upper

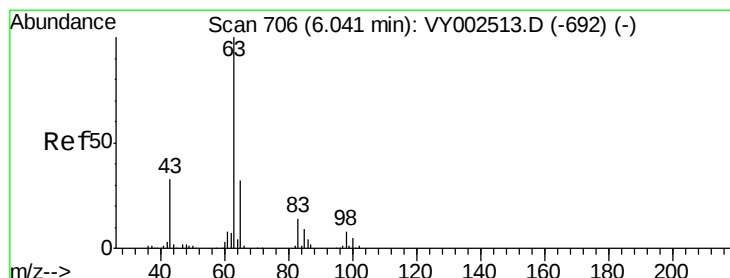
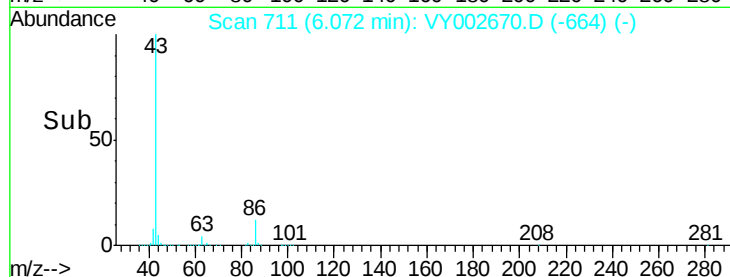
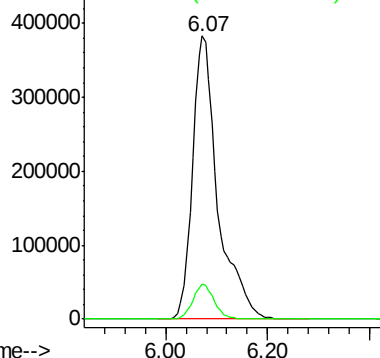
43 100

86 12.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.41 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

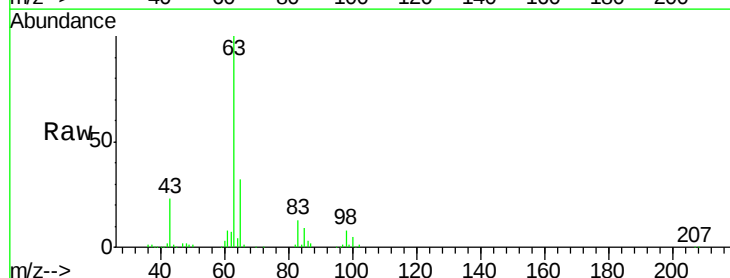
Tgt Ion: 63 Resp: 282867

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

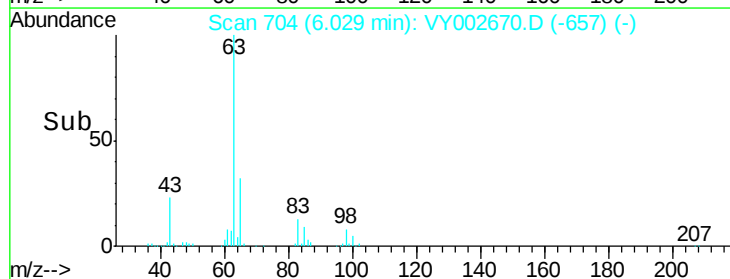
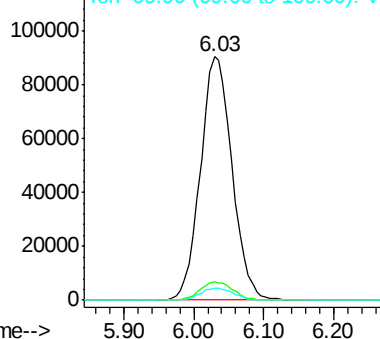
100 4.8 2.4 7.2



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: 194.67 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

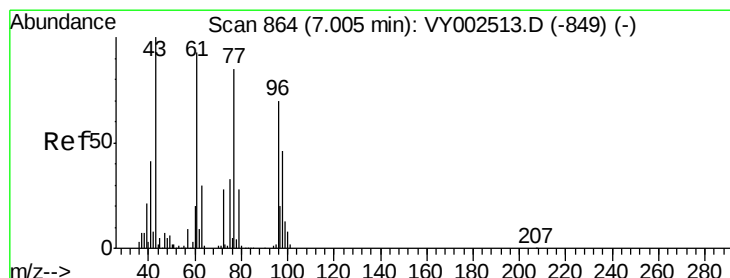
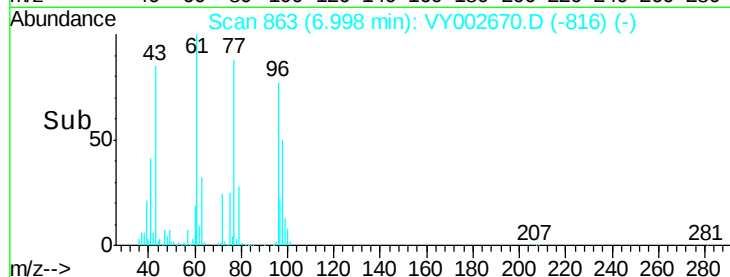
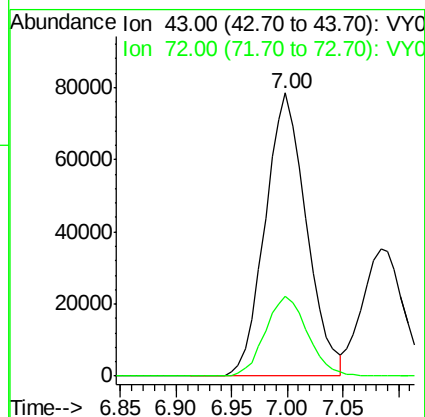
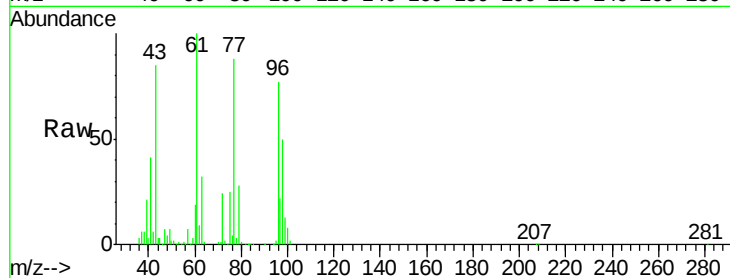
VSTDCCC050EC

Tgt Ion: 43 Resp: 202659

Ion Ratio Lower Upper

43 100

72 28.3 24.1 36.1



#26

2,2-Dichloropropane

Concen: 48.37 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002670.D

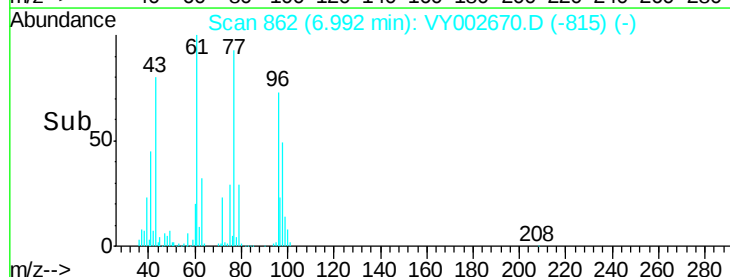
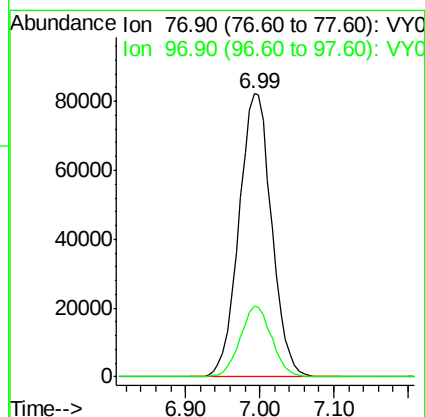
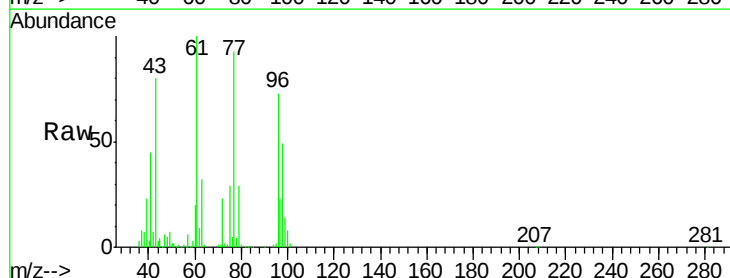
Acq: 12 May 2020 15:45

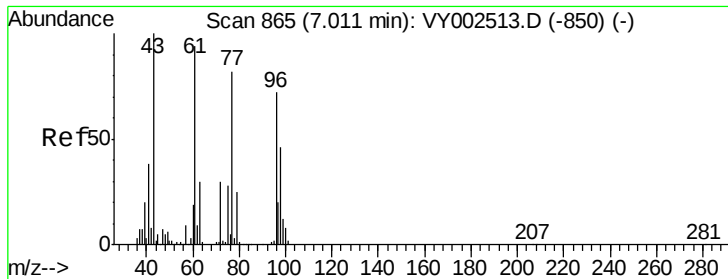
Tgt Ion: 77 Resp: 252995

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.5



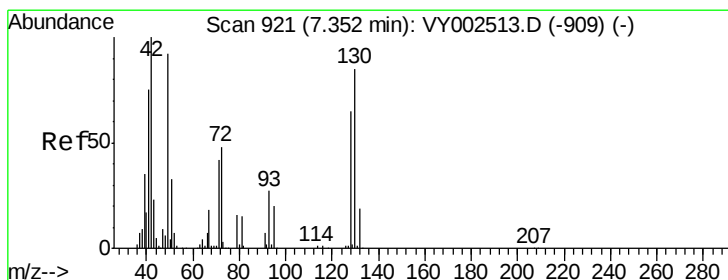
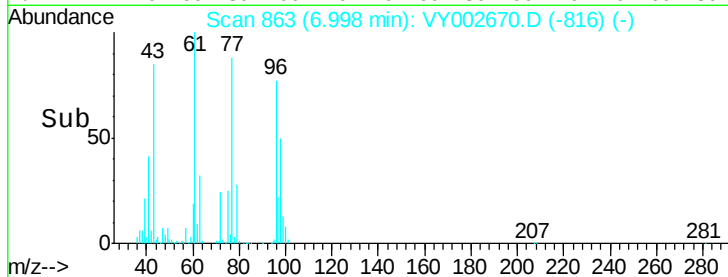
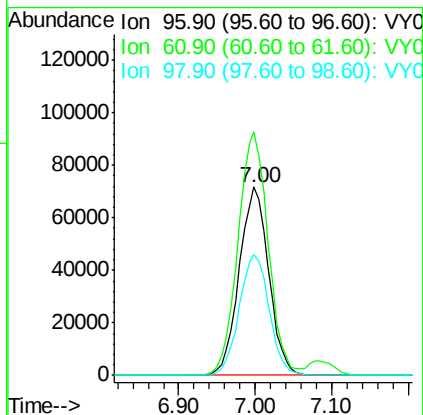
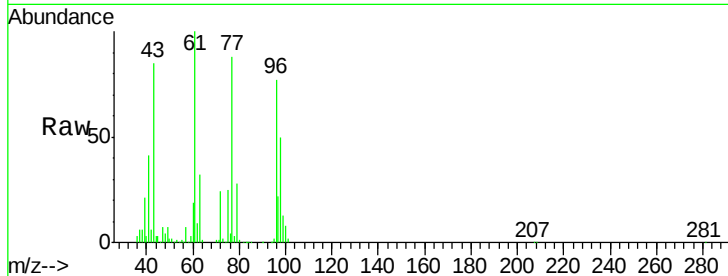


#27

cis-1,2-Dichloroethene
 Concen: 50.32 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

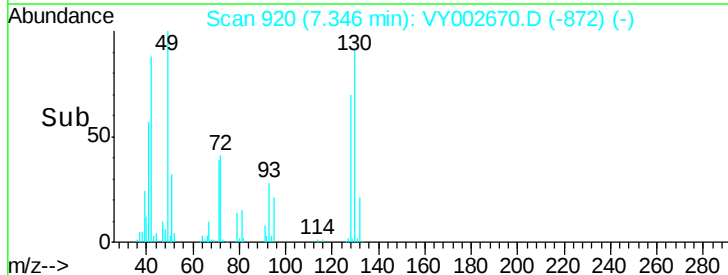
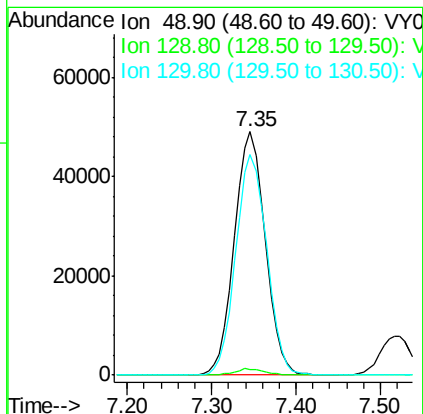
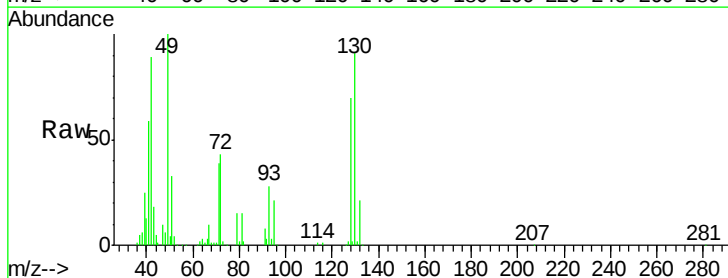
Tgt Ion: 96 Resp: 191989
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 266.6
 98 65.3 0.0 129.2

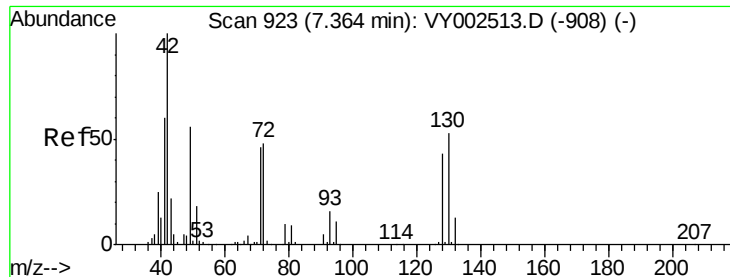


#28

Bromochloromethane
 Concen: 54.02 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion: 49 Resp: 121786
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 90.7 72.5 108.7

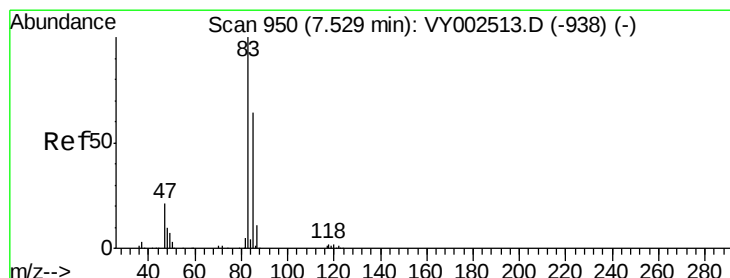
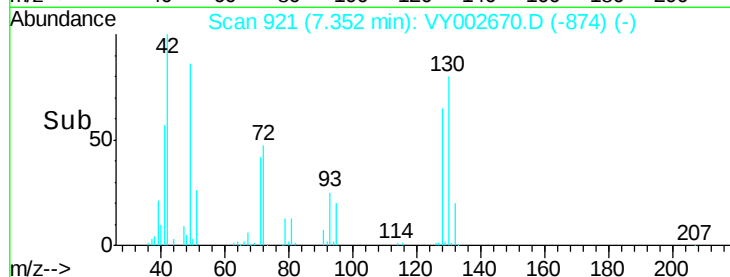
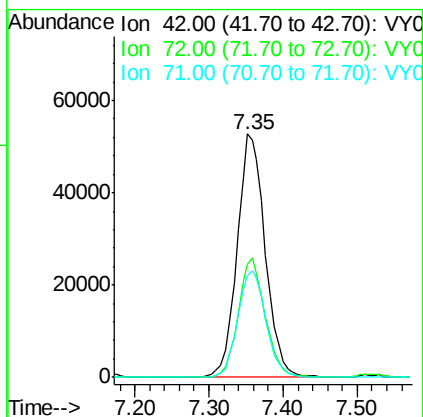
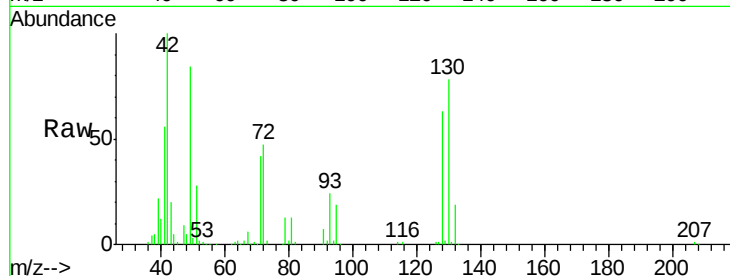




#29
Tetrahydrofuran
Concen: 201.80 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

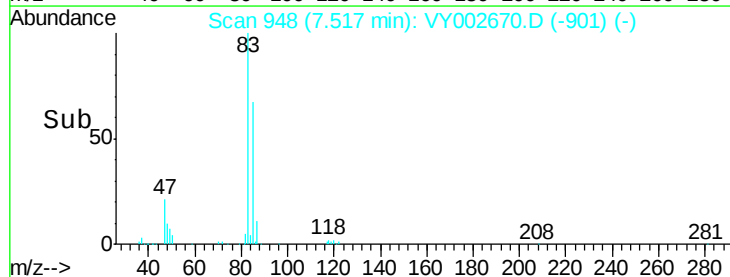
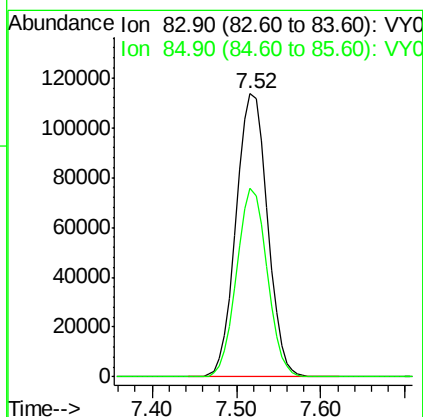
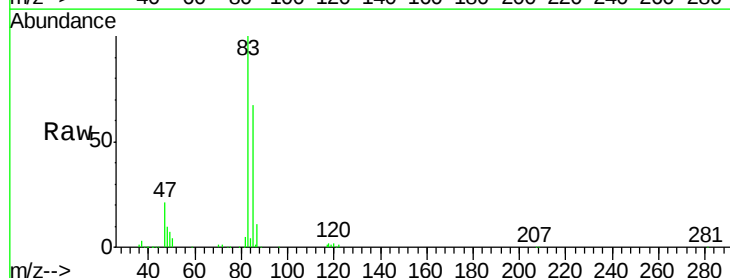
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

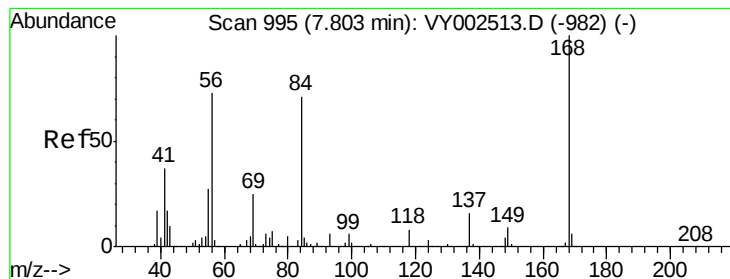
Tgt Ion: 42 Resp: 138991
Ion Ratio Lower Upper
42 100
72 47.0 37.4 56.2
71 43.8 35.0 52.4



#30
Chloroform
Concen: 50.02 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion: 83 Resp: 286205
Ion Ratio Lower Upper
83 100
85 66.7 51.5 77.3





#31

Cyclohexane

Concen: 48.80 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

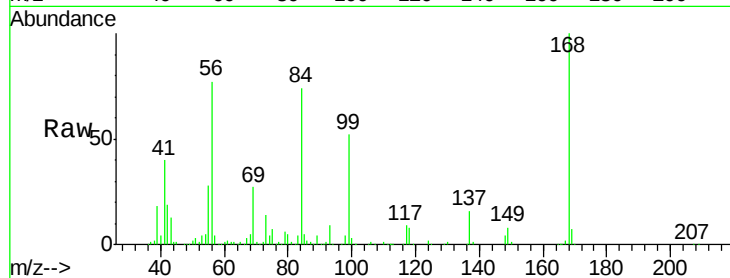
Tgt Ion: 56 Resp: 270297

Ion Ratio Lower Upper

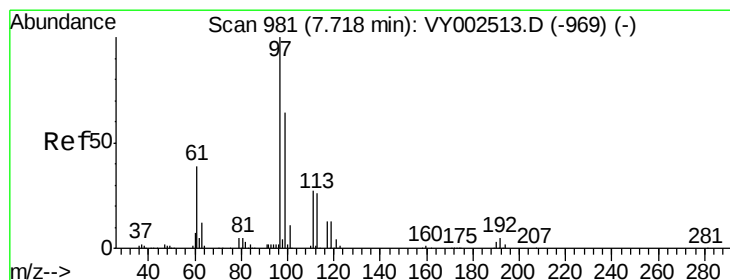
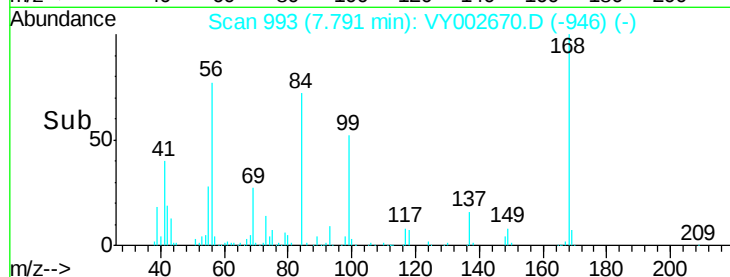
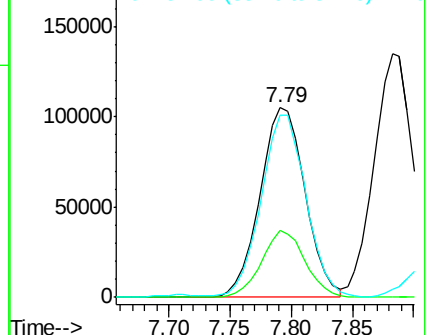
56 100

69 35.1 27.6 41.4

84 95.1 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: 49.76 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

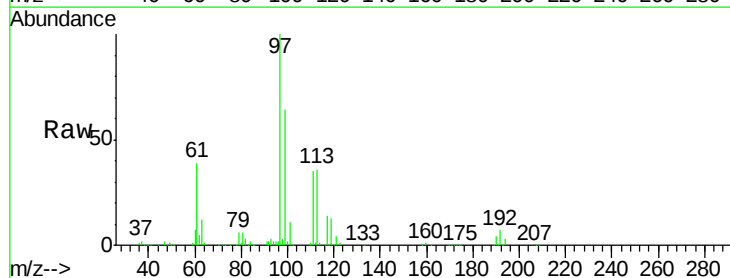
Tgt Ion: 97 Resp: 264594

Ion Ratio Lower Upper

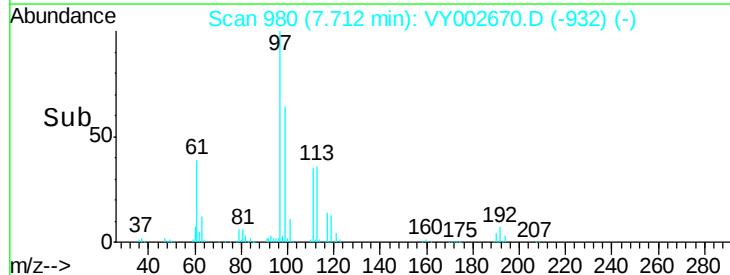
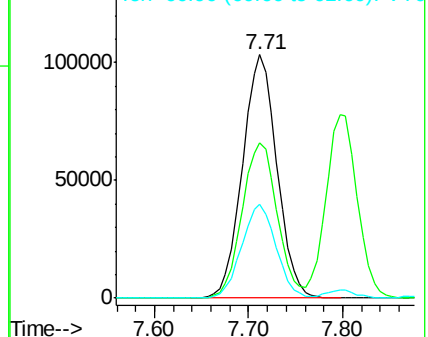
97 100

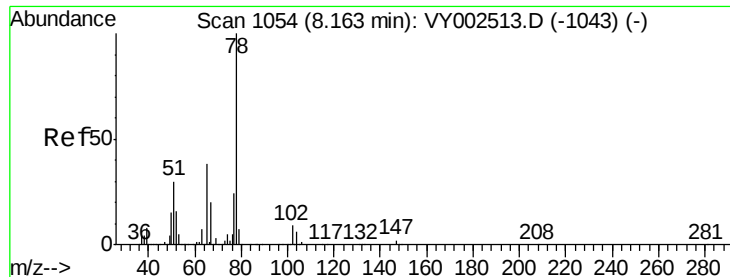
99 65.6 51.9 77.9

61 38.6 31.0 46.6



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

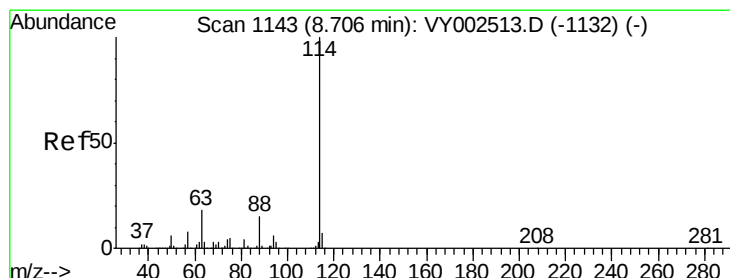
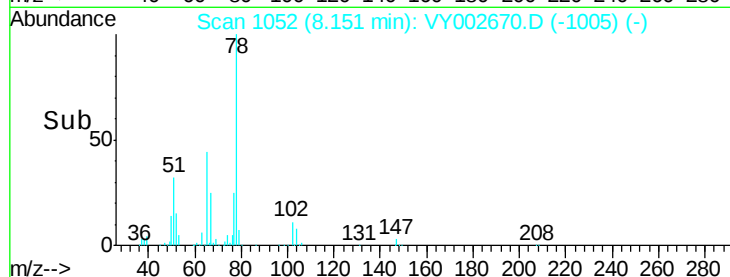
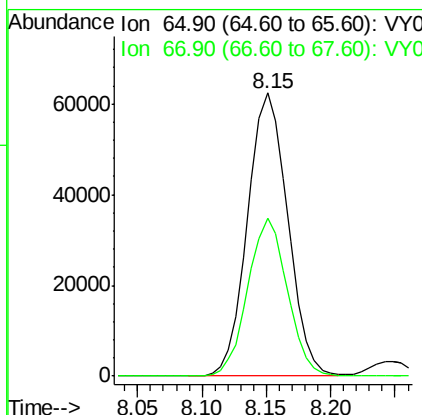
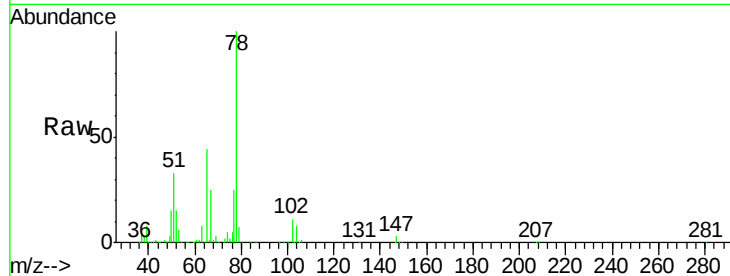




#33
 1,2-Dichloroethane-d4
 Concen: 43.88 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

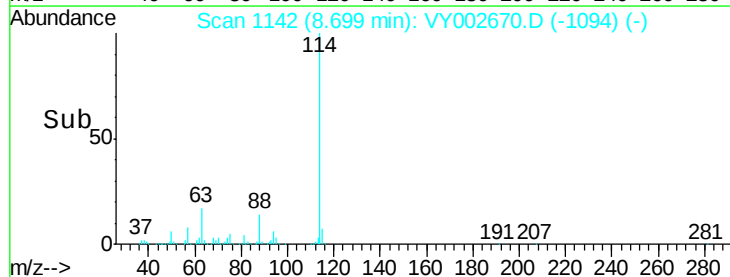
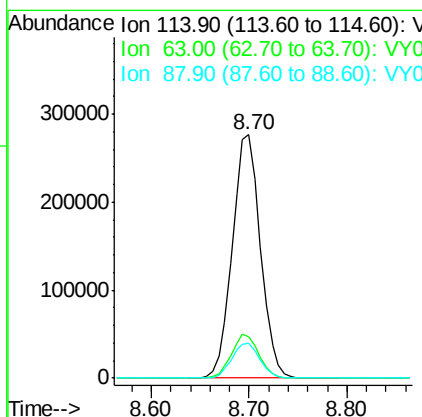
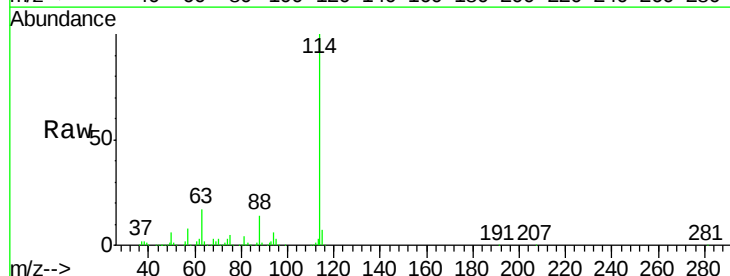
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 135231
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion: 114 Resp: 549624
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.4
 88 14.2 0.0 29.6

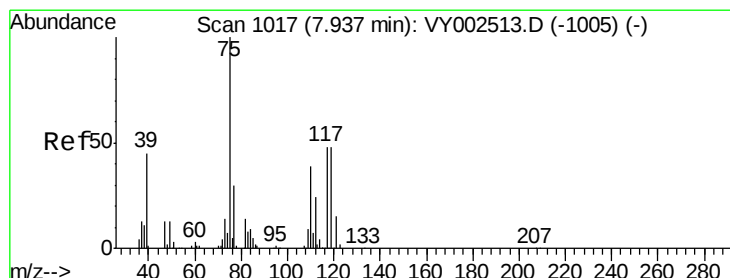
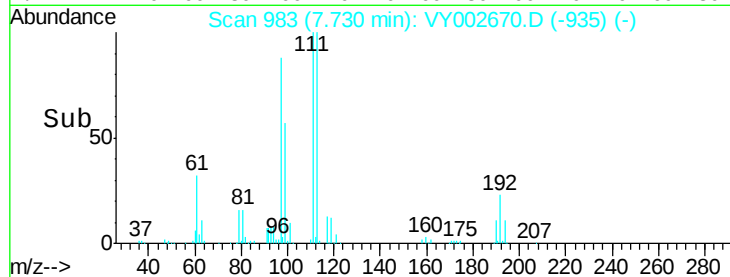
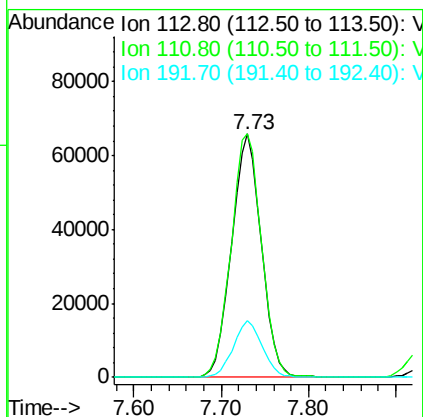
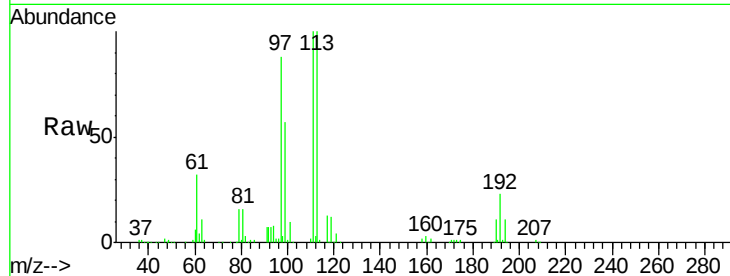




#35
 Dibromofluoromethane
 Concen: 49.37 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

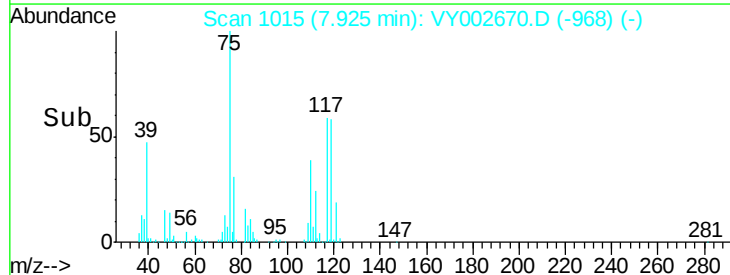
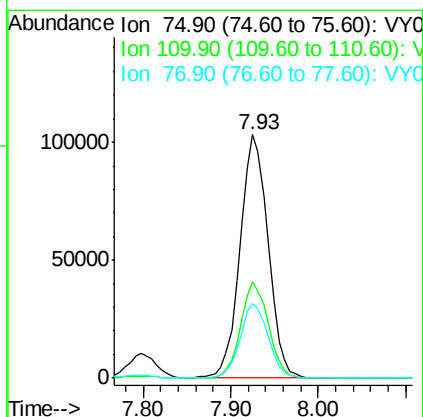
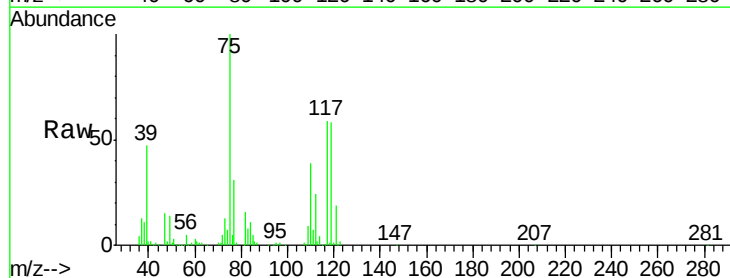
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

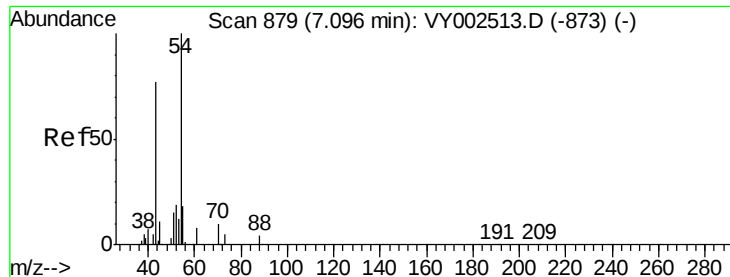
Tgt Ion: 113 Resp: 155170
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.6
 192 22.7 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 49.94 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion: 75 Resp: 230104
 Ion Ratio Lower Upper
 75 100
 110 39.0 19.1 57.3
 77 30.9 24.6 37.0

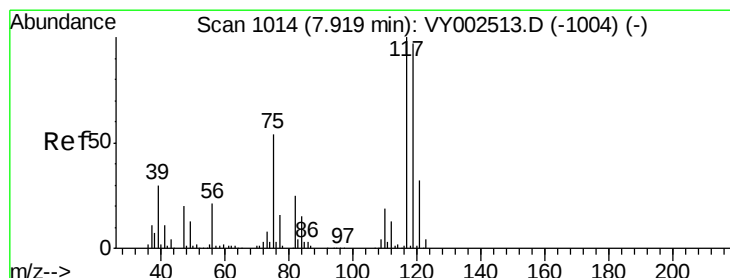
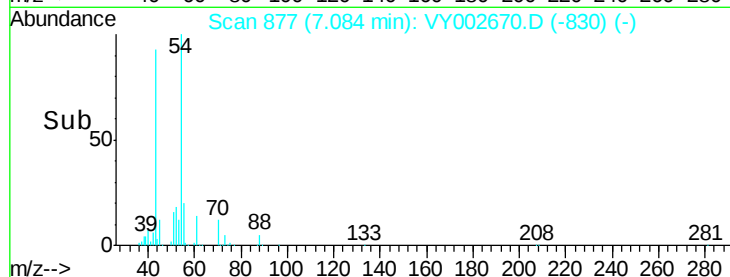
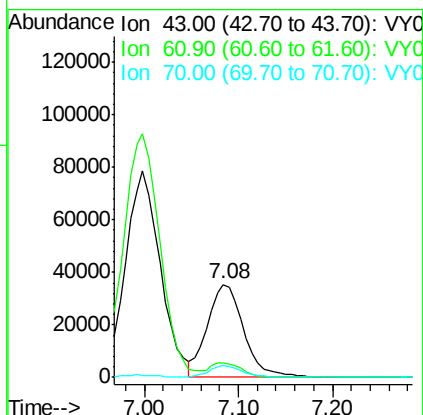
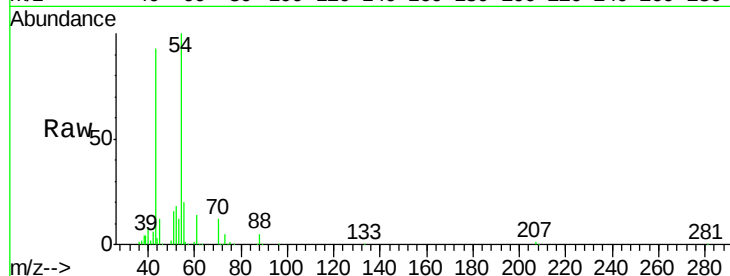




#37
Ethyl Acetate
Concen: 39.84 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

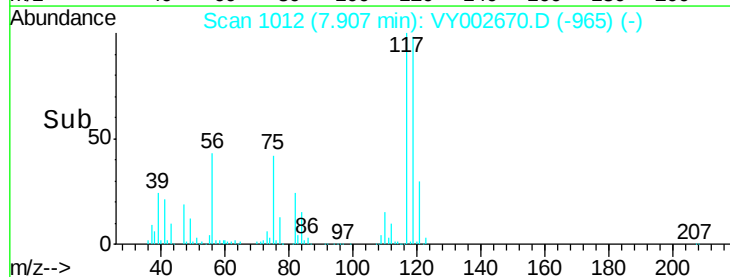
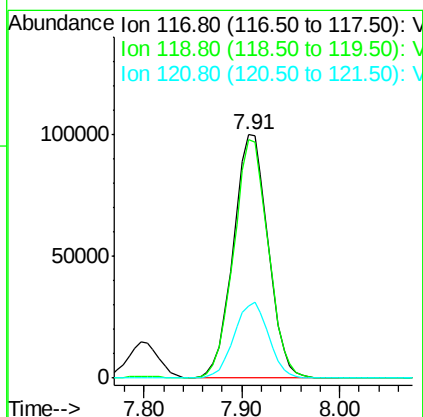
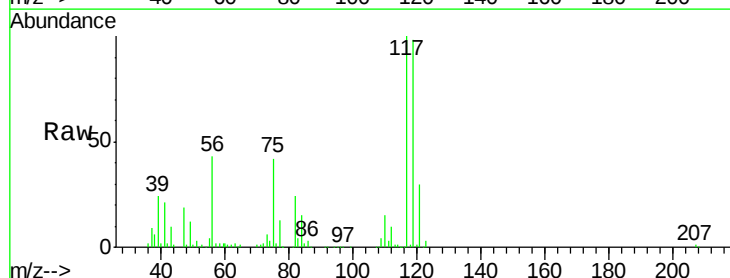
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

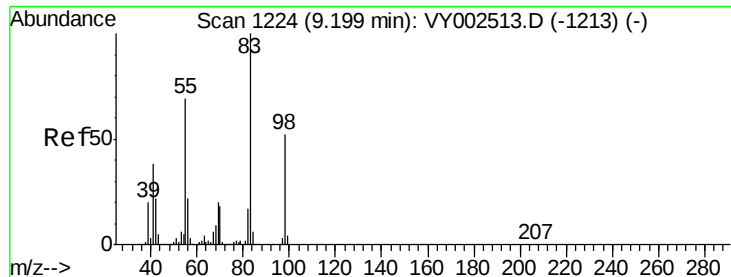
Tgt Ion: 43 Resp: 94340
Ion Ratio Lower Upper
43 100
61 13.1 11.6 17.4
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.26 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion: 117 Resp: 247808
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7
121 29.6 25.2 37.8

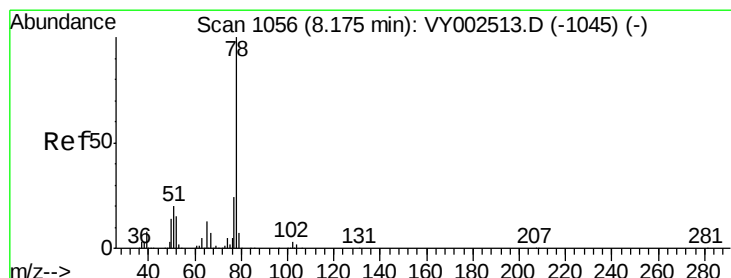
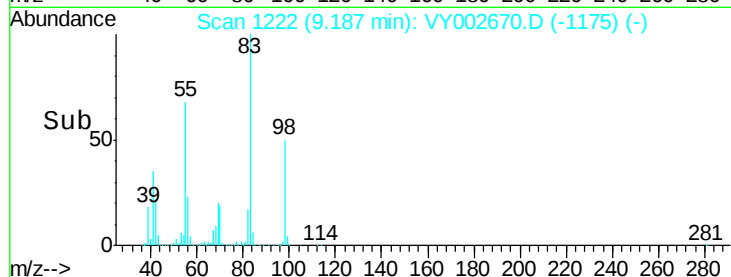
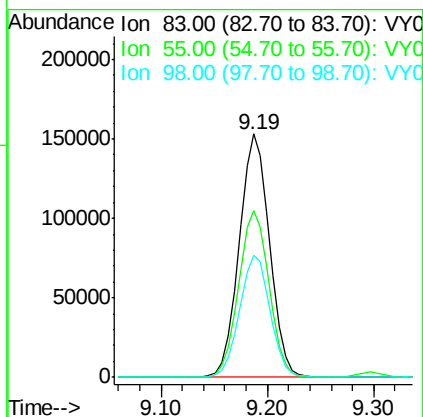
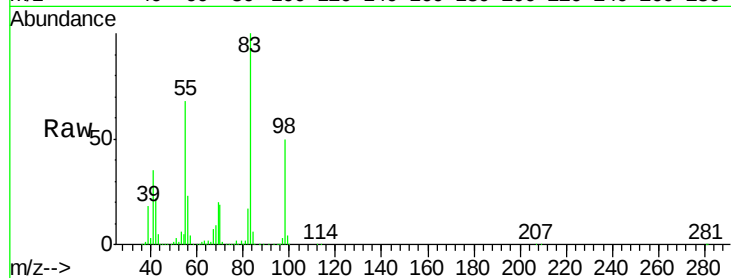




#39
Methylcyclohexane
Concen: 50.25 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

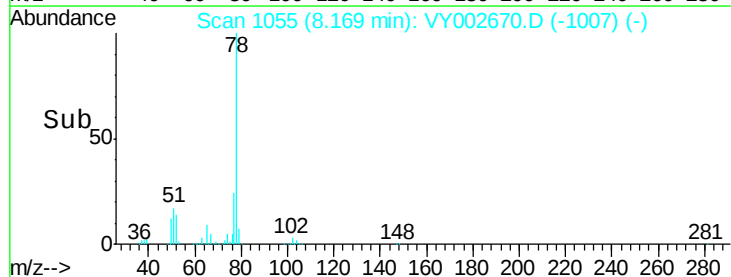
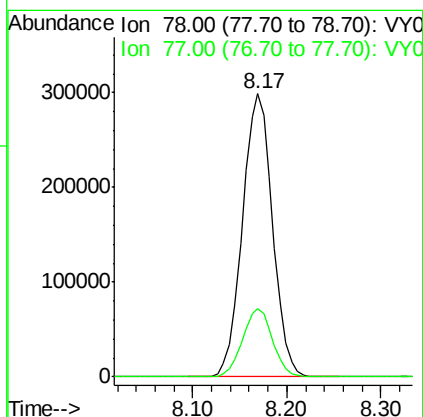
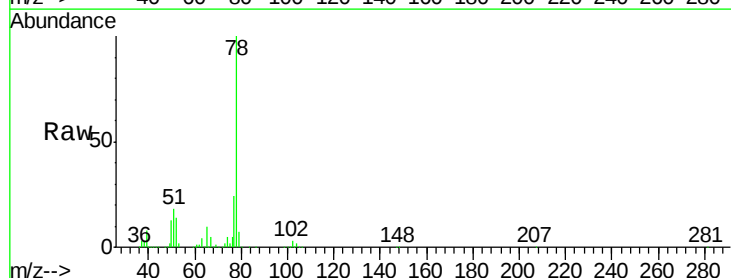
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

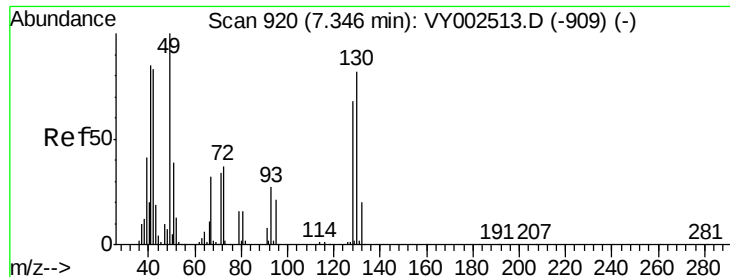
Tgt Ion: 83 Resp: 305798
Ion Ratio Lower Upper
83 100
55 68.3 55.4 83.0
98 50.0 41.3 61.9



#40
Benzene
Concen: 50.08 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion: 78 Resp: 666386
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8





#41

Methacrylonitrile

Concen: 100.65 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 128132

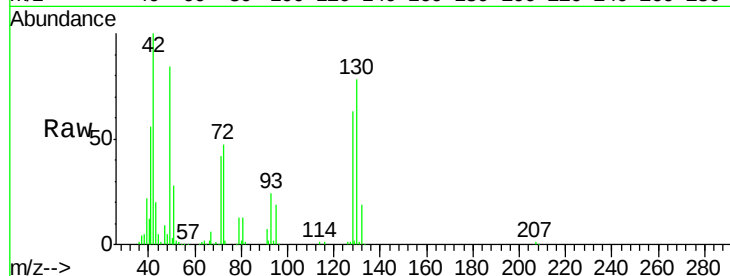
Ion Ratio Lower Upper

41 100

39 0.0 83.1 124.7#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

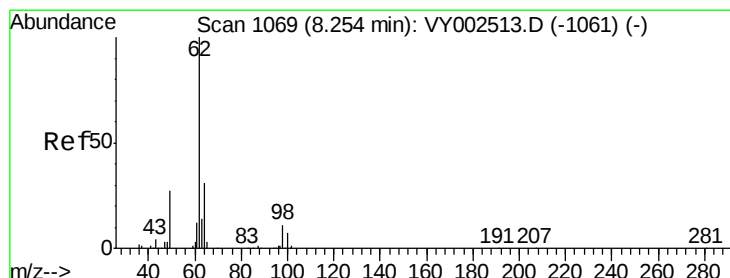
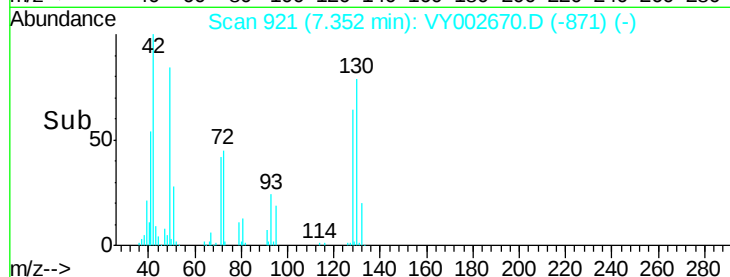
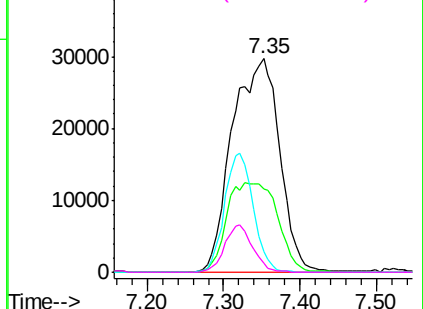


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 43.61 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY002670.D

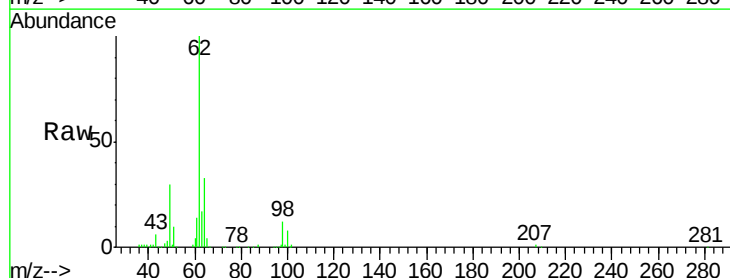
Acq: 12 May 2020 15:45

Tgt Ion: 62 Resp: 162790

Ion Ratio Lower Upper

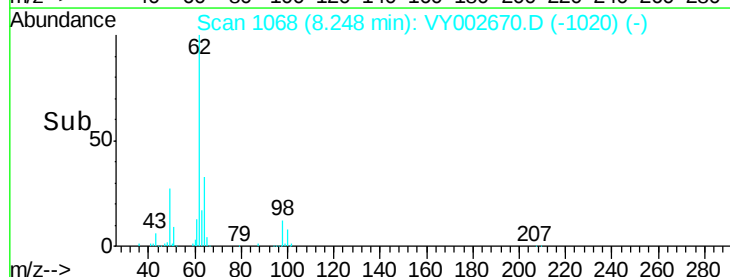
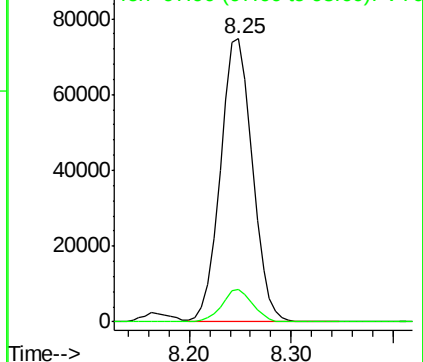
62 100

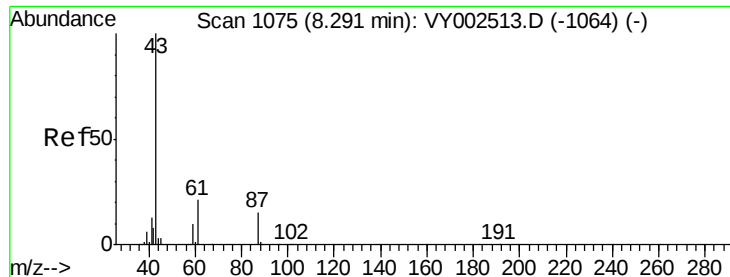
98 11.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 41.28 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

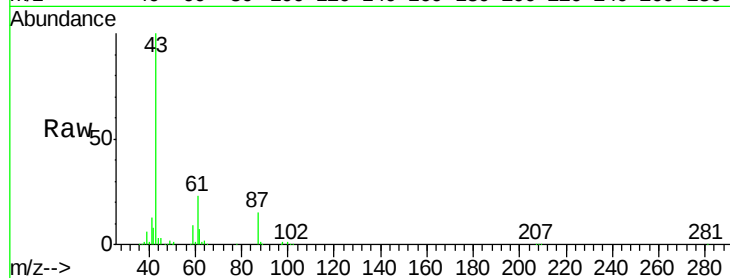
Tgt Ion: 43 Resp: 183214

Ion Ratio Lower Upper

43 100

61 32.4 24.8 37.2

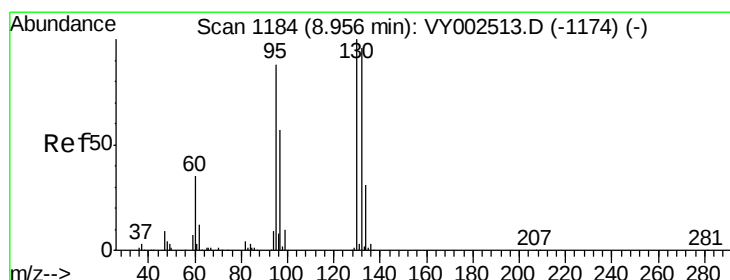
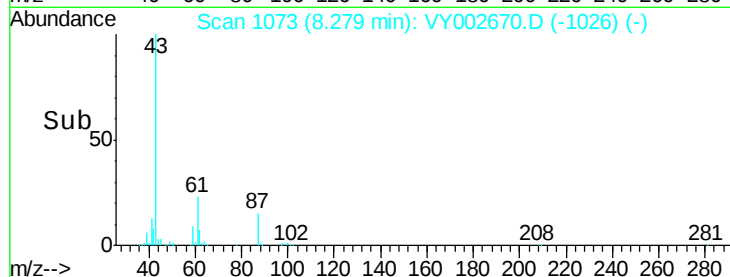
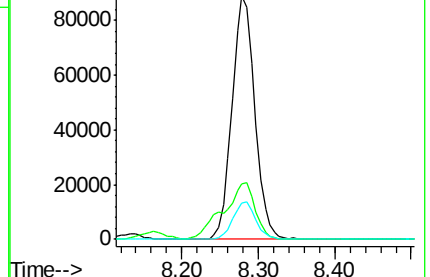
87 15.3 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002670.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002670.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002670.D (-1026) (-)



#44

Trichloroethene

Concen: 50.69 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002670.D

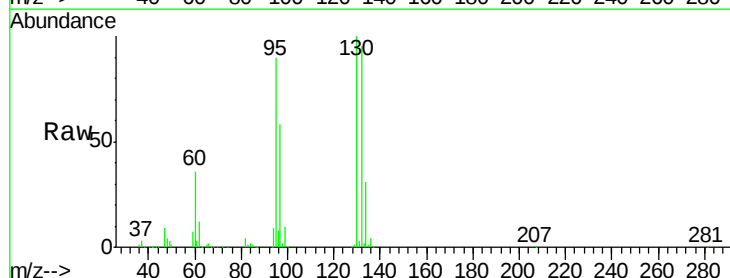
Acq: 12 May 2020 15:45

Tgt Ion: 130 Resp: 210816

Ion Ratio Lower Upper

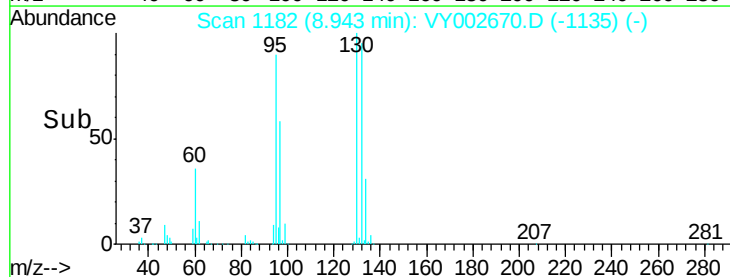
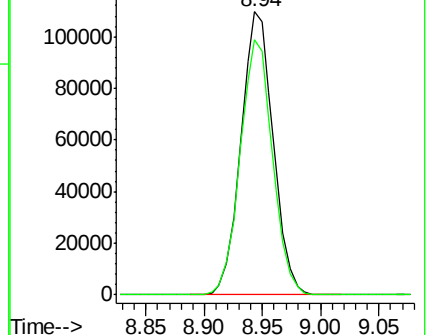
130 100

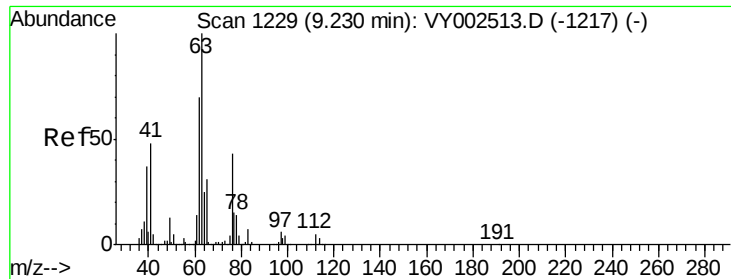
95 90.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002670.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002670.D (-1135) (-)





#45

1,2-Dichloropropane

Concen: 49.20 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

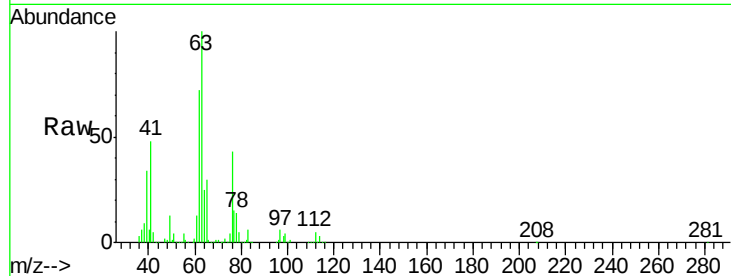
VSTDCCC050EC

Tgt Ion: 63 Resp: 158023

Ion Ratio Lower Upper

63 100

65 29.9 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

80000

60000

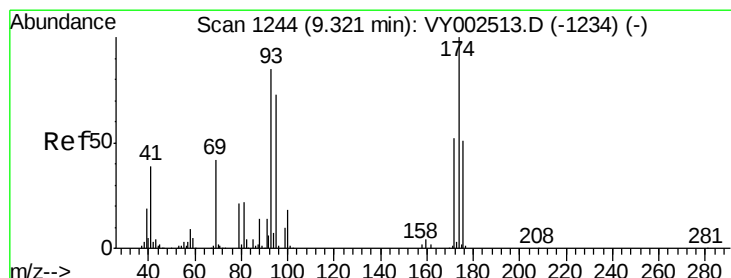
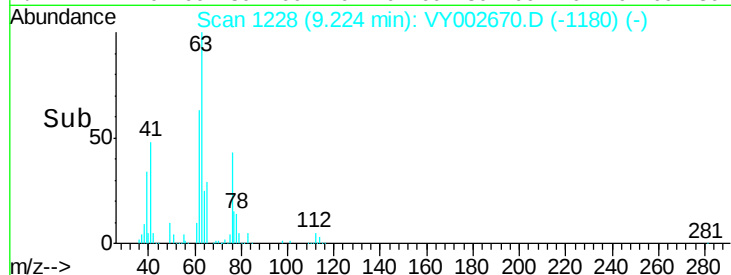
40000

20000

0

Time-->

9.10 9.20 9.30



#46

Dibromomethane

Concen: 44.75 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

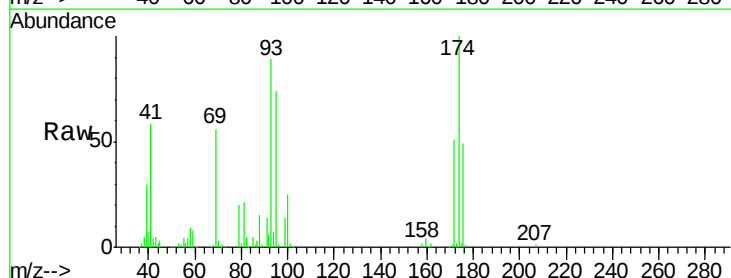
Tgt Ion: 93 Resp: 82692

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 117.1 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

60000

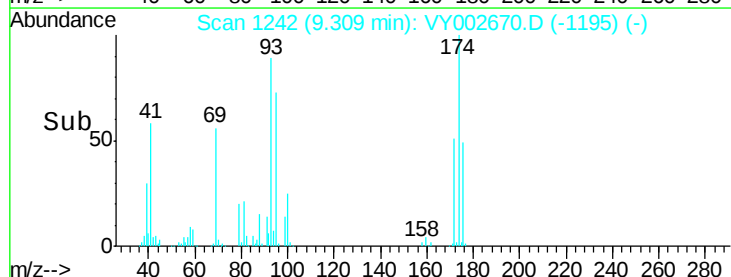
40000

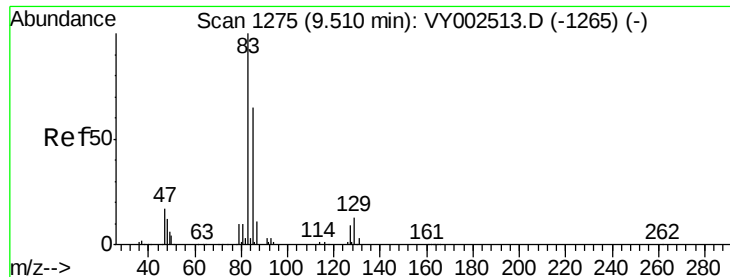
20000

0

Time-->

9.20 9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 47.47 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

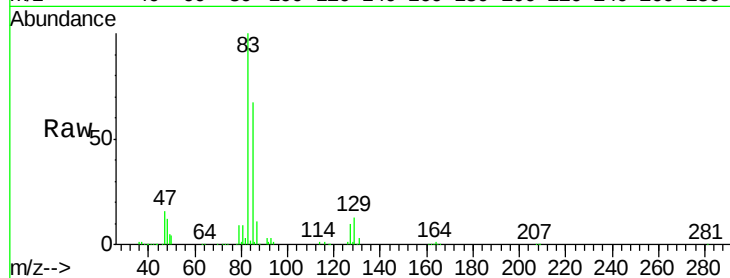
Tgt Ion: 83 Resp: 213278

Ion Ratio Lower Upper

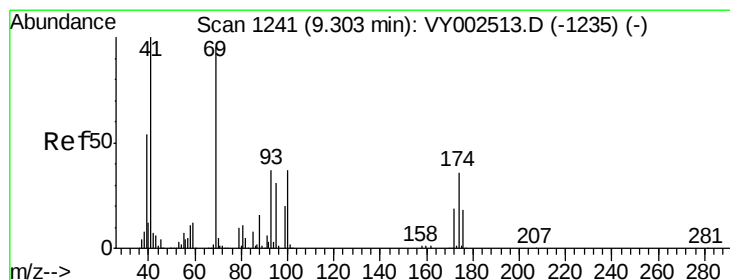
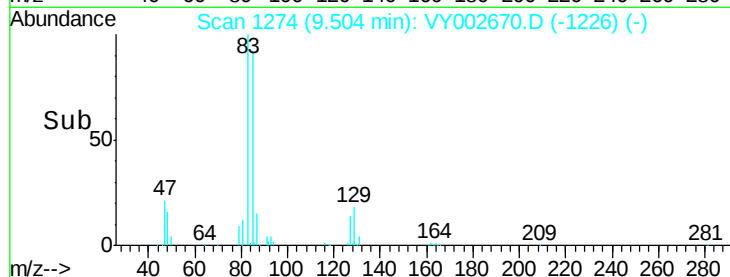
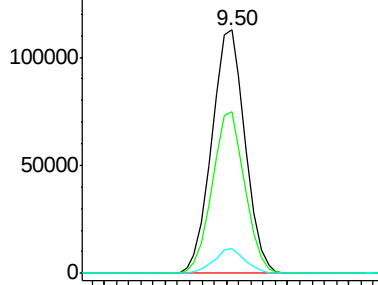
83 100

85 66.6 51.8 77.8

127 9.9 7.4 11.0



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



#48

Methyl methacrylate

Concen: 41.36 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

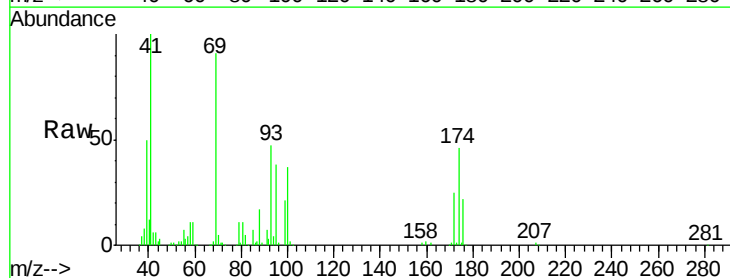
Tgt Ion: 41 Resp: 83093

Ion Ratio Lower Upper

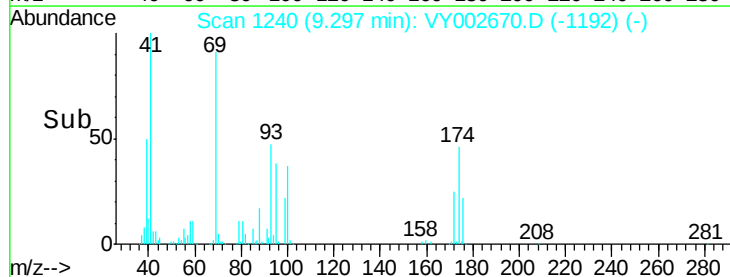
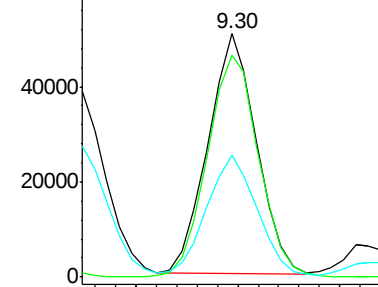
41 100

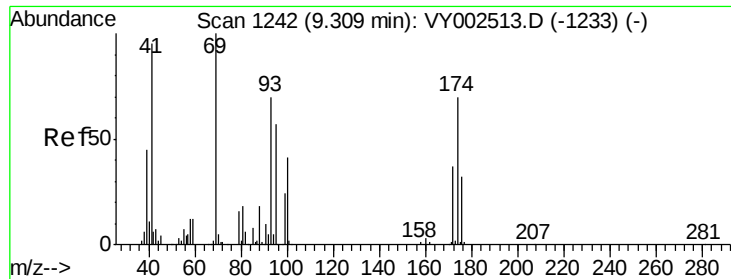
69 98.5 76.2 114.4

39 53.9 42.7 64.1



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

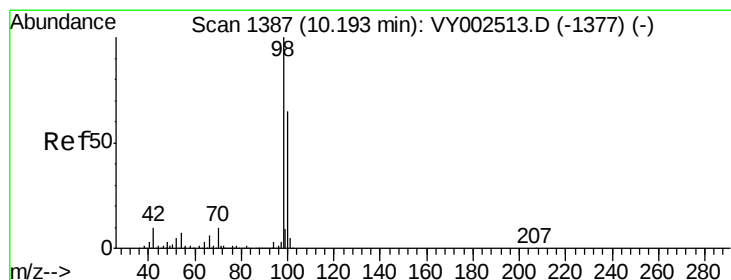
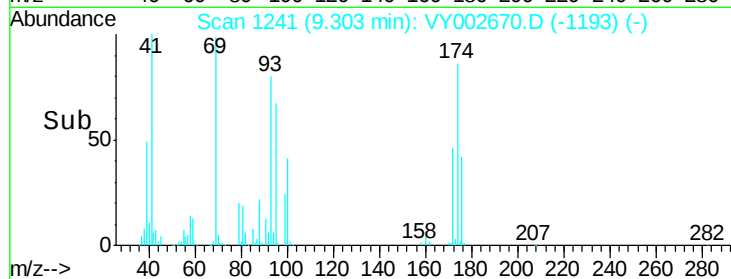
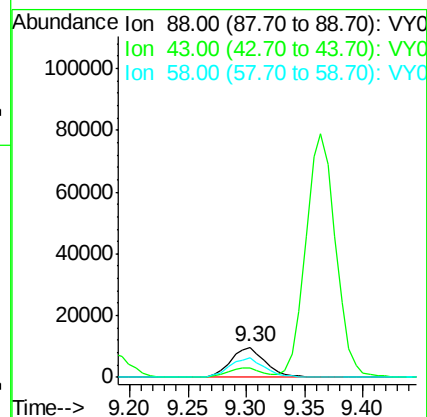
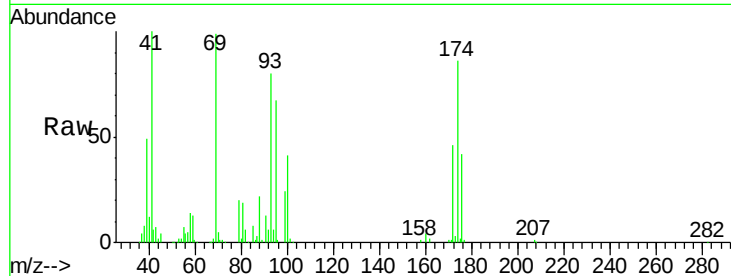




#49
1,4-Dioxane
Concen: 826.47 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

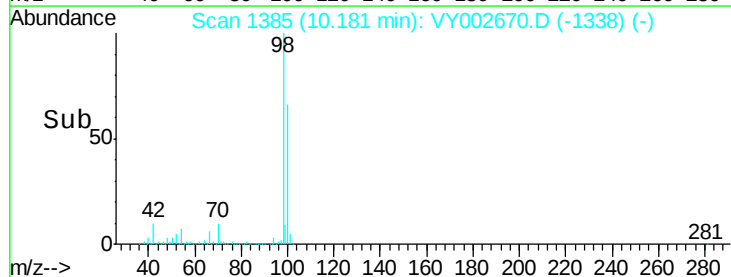
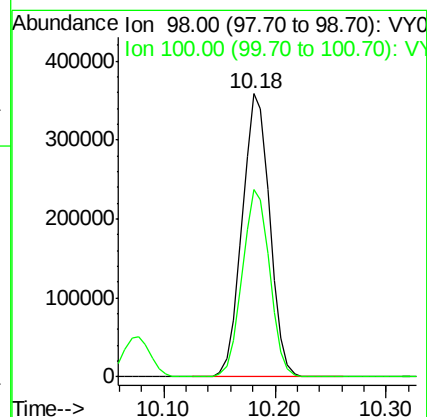
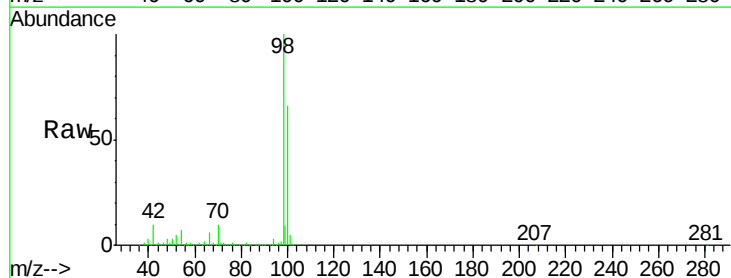
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

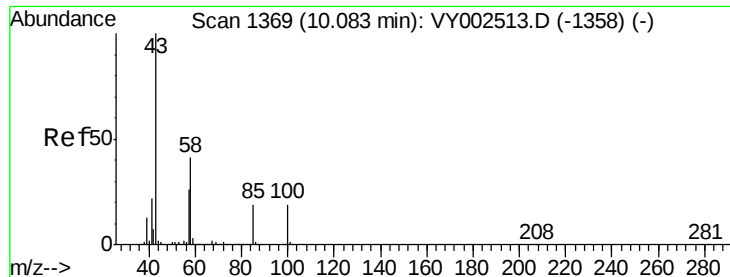
Tgt Ion: 88 Resp: 20221
Ion Ratio Lower Upper
88 100
43 29.6 22.8 34.2
58 66.6 51.4 77.2



#50
Toluene-d8
Concen: 49.87 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion: 98 Resp: 612122
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2

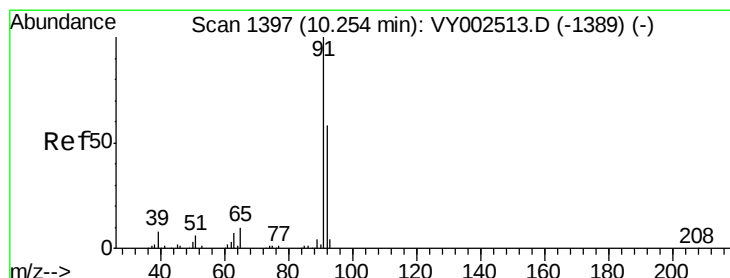
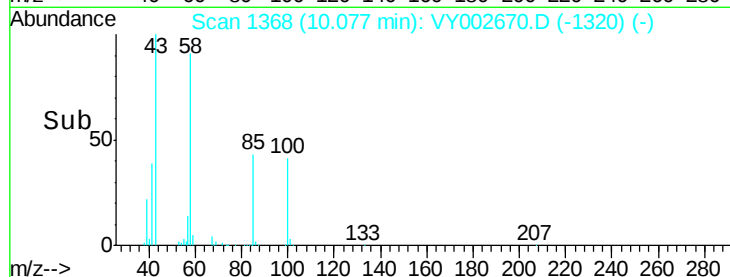
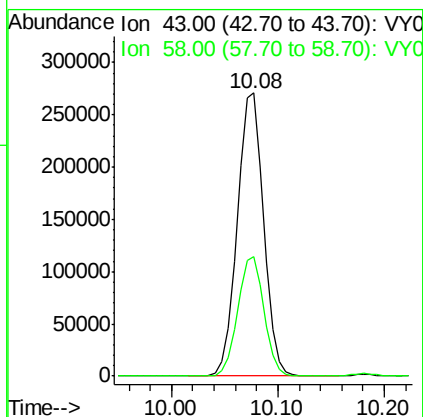
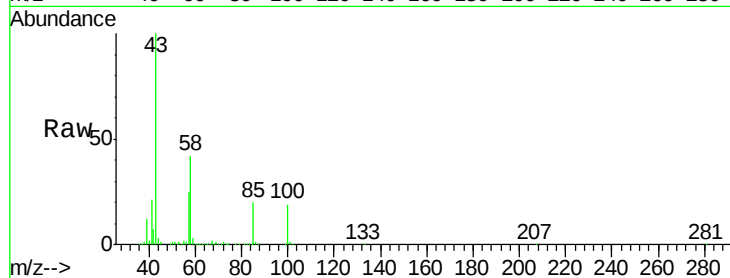




#51
 4-Methyl-2-Pentanone
 Concen: 205.79 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

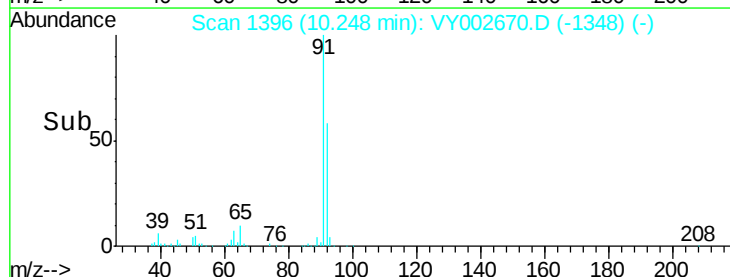
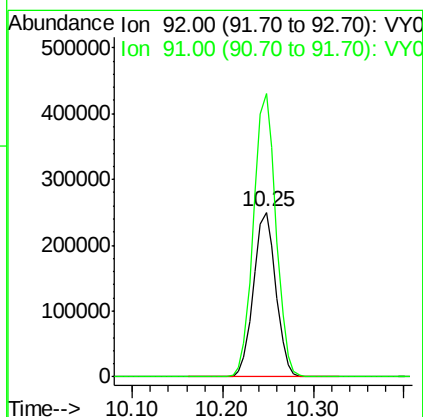
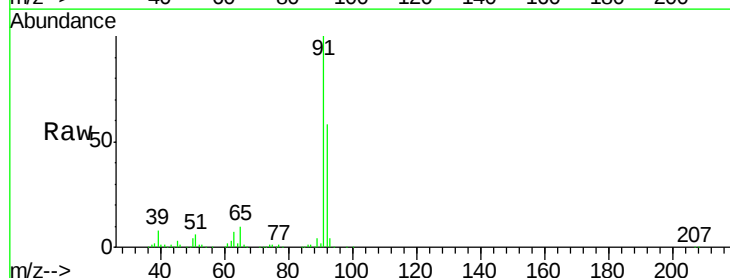
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

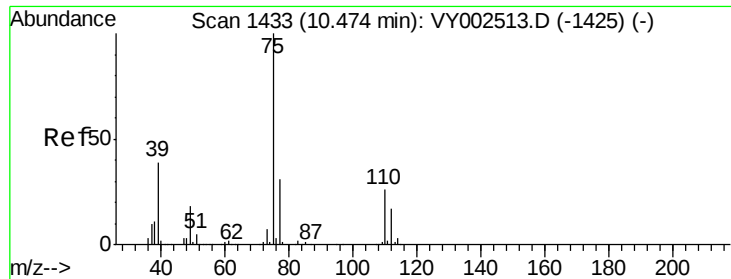
Tgt Ion: 43 Resp: 470827
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.2 49.8



#52
 Toluene
 Concen: 49.87 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion: 92 Resp: 426513
 Ion Ratio Lower Upper
 92 100
 91 172.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 46.49 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

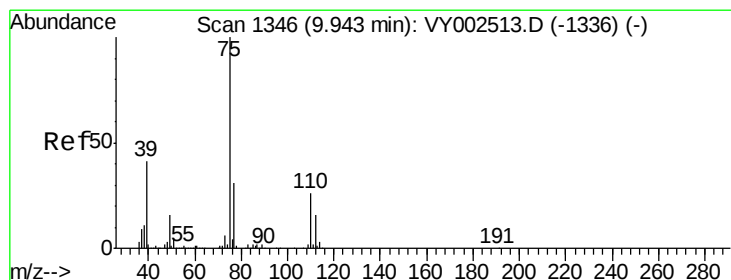
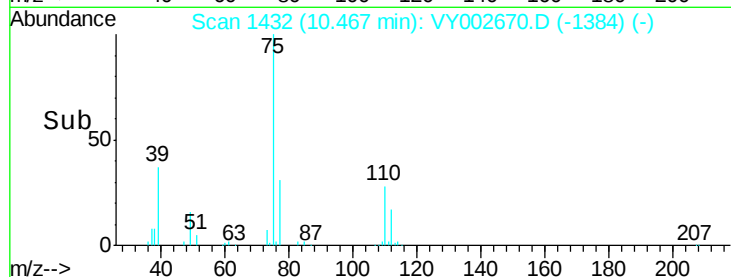
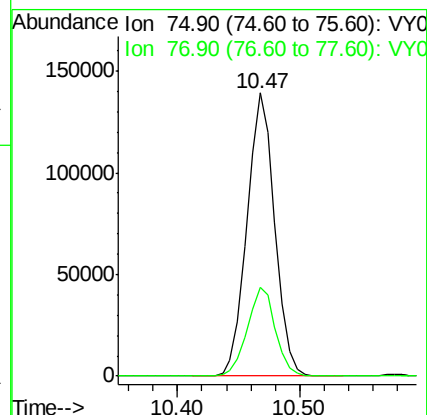
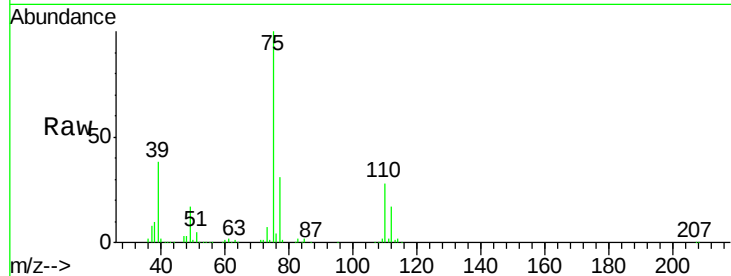
VSTDCCC050EC

Tgt Ion: 75 Resp: 218845

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 48.19 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

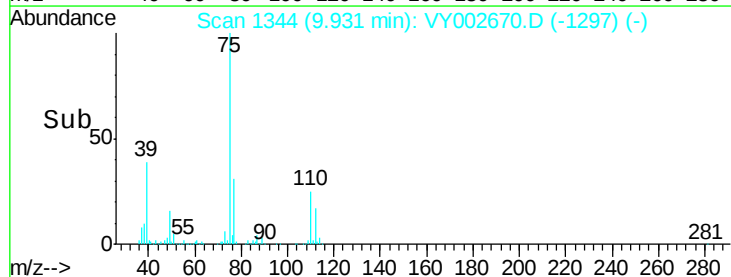
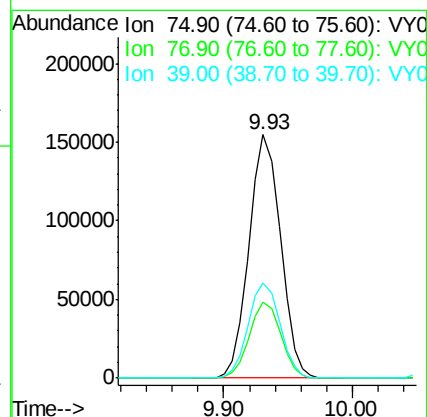
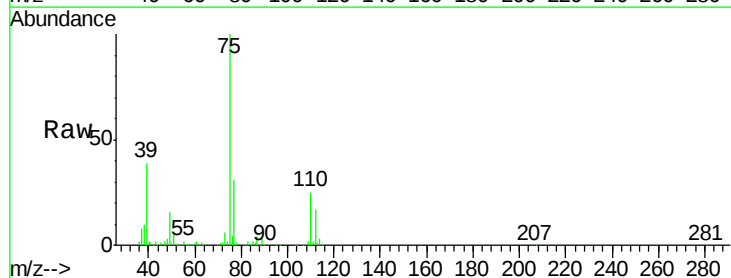
Tgt Ion: 75 Resp: 262280

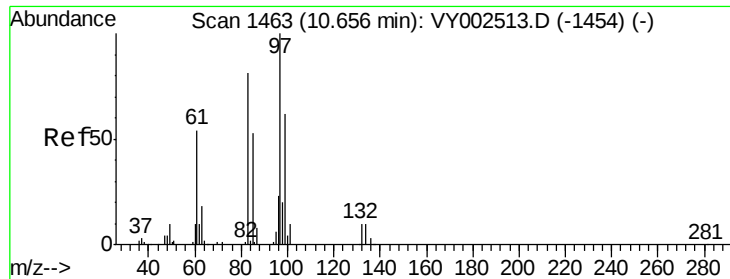
Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 39.1 32.7 49.1

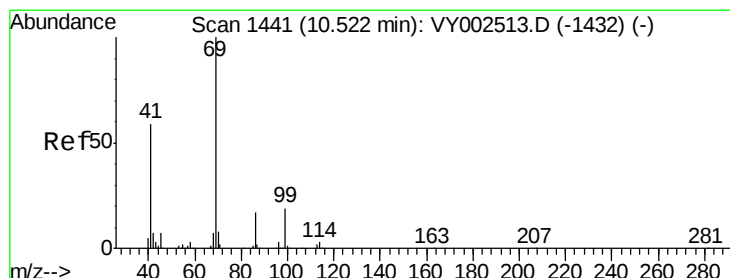
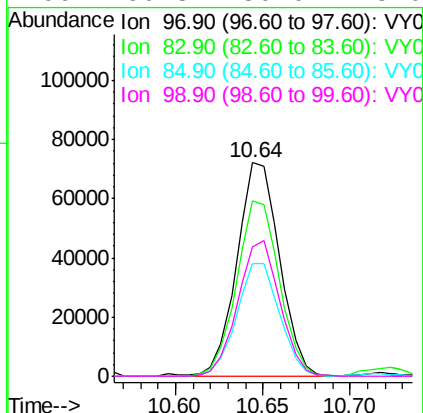
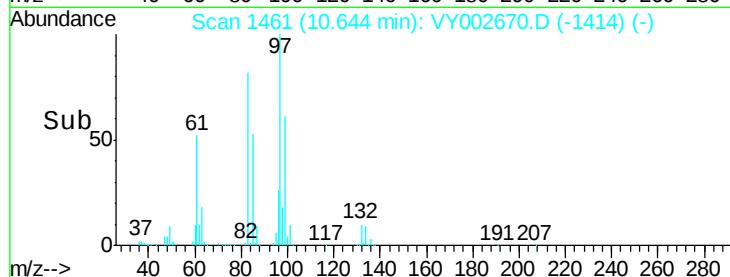
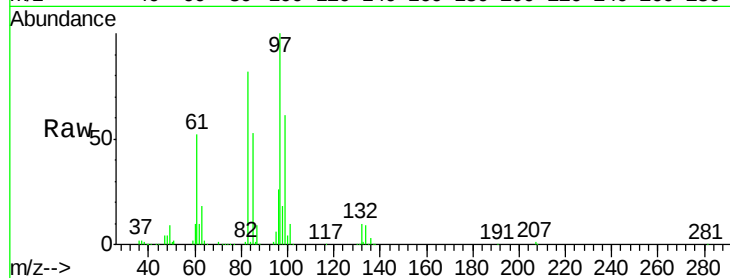




#55
 1,1,2-Trichloroethane
 Concen: 45.29 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

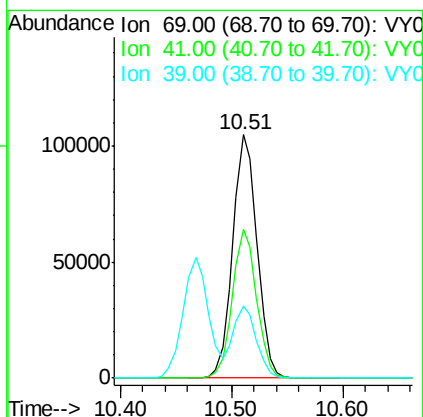
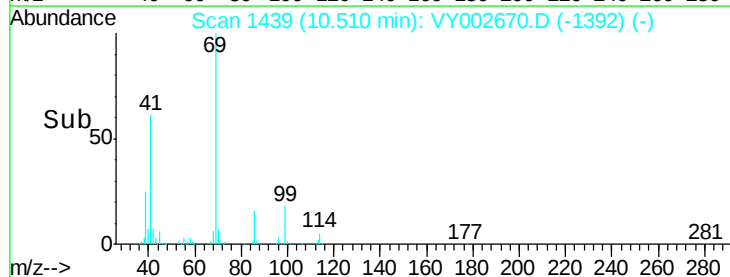
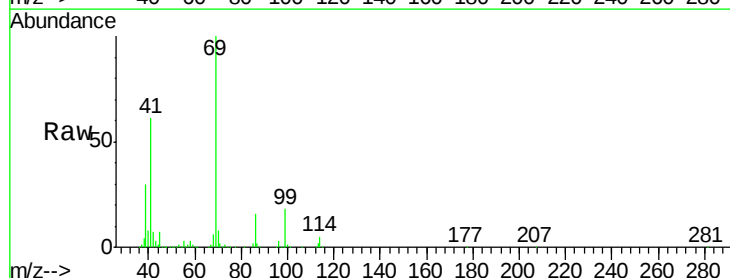
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

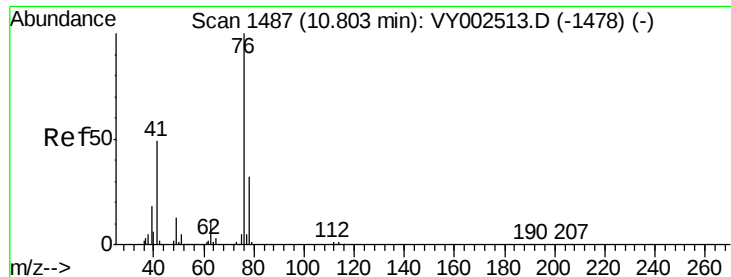
Tgt Ion:	97	Resp:	122050
Ion	Ratio	Lower	Upper
97	100		
83	82.3	65.1	97.7
85	52.7	42.7	64.1
99	60.8	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 44.29 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion:	69	Resp:	158765
Ion	Ratio	Lower	Upper
69	100		
41	60.0	48.6	73.0
39	28.4	25.0	37.4





#57

1,3-Dichloropropane

Concen: 44.39 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

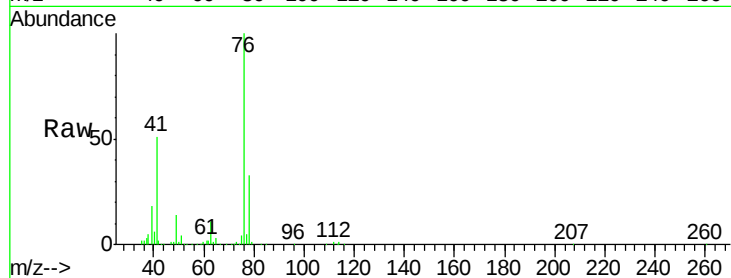
VSTDCCC050EC

Tgt Ion: 76 Resp: 202864

Ion Ratio Lower Upper

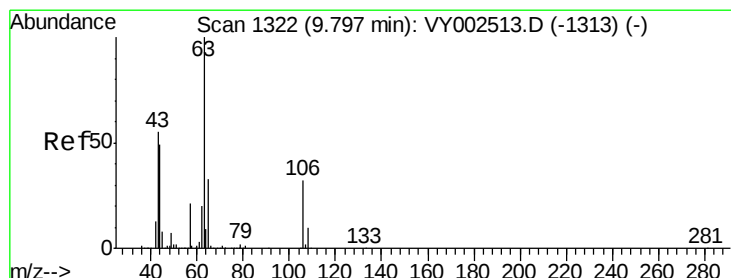
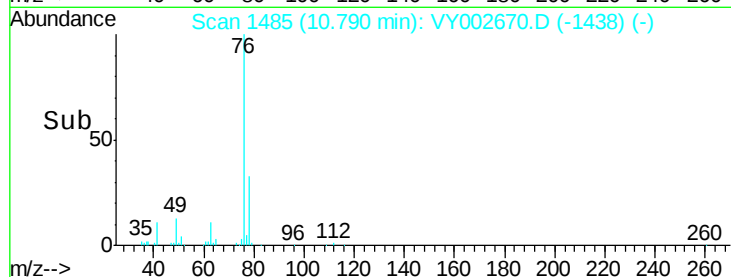
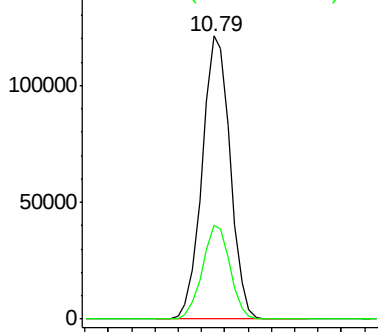
76 100

78 32.6 25.4 38.2



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: 222.83 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002670.D

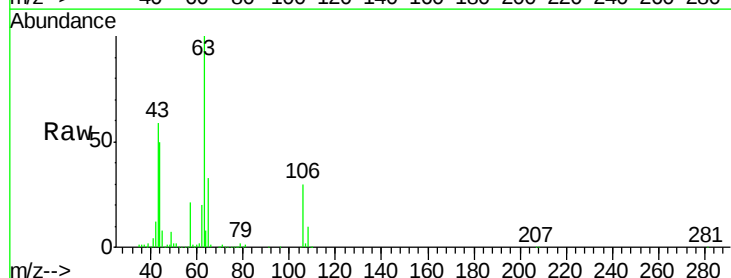
Acq: 12 May 2020 15:45

Tgt Ion: 63 Resp: 421258

Ion Ratio Lower Upper

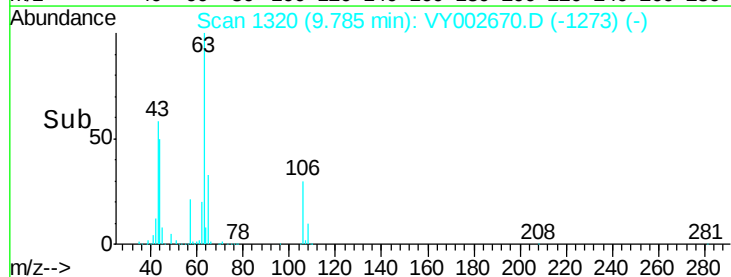
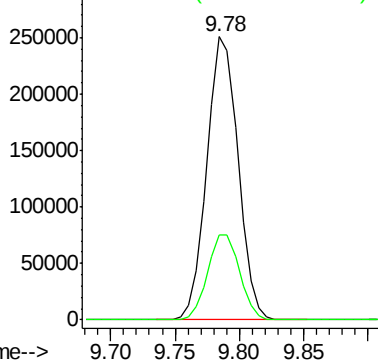
63 100

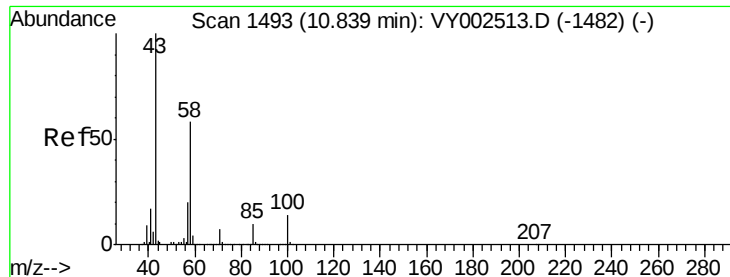
106 30.8 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

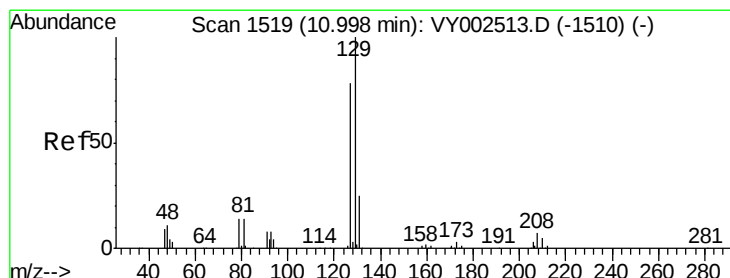
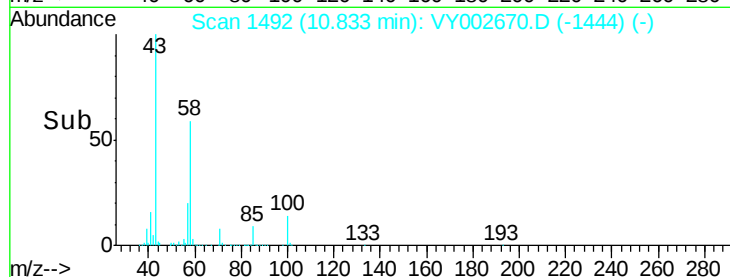
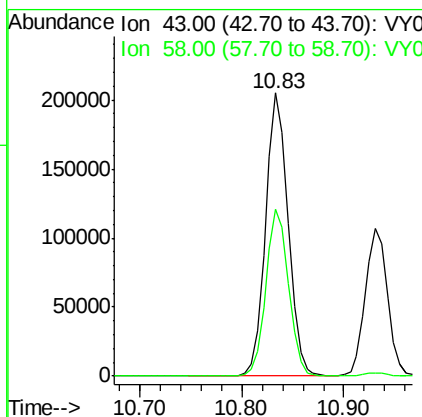
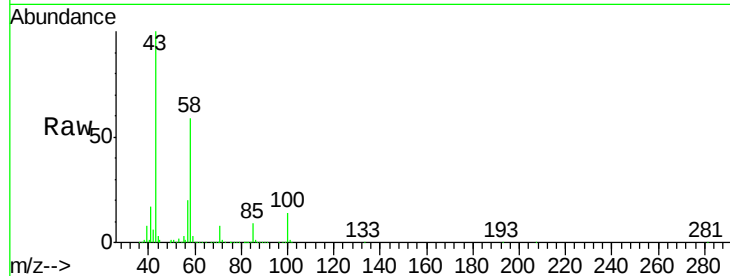




#59
2-Hexanone
Concen: 200.11 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

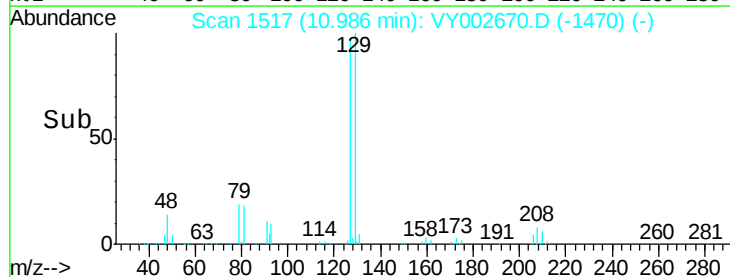
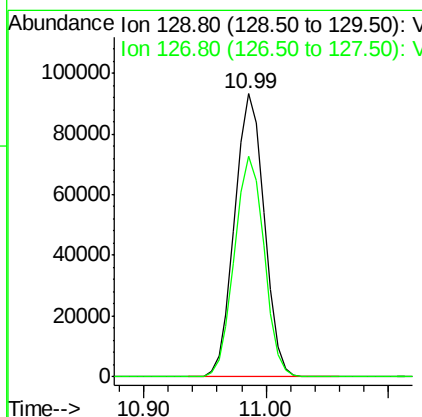
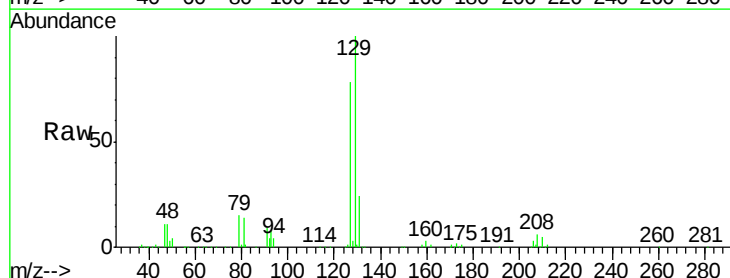
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 315121
Ion Ratio Lower Upper
43 100
58 59.0 29.1 87.3



#60
Dibromochloromethane
Concen: 45.69 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion: 129 Resp: 156596
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

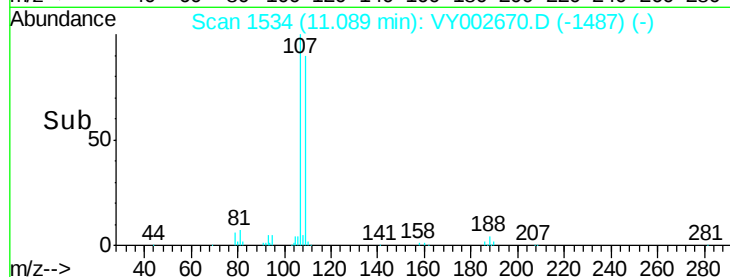
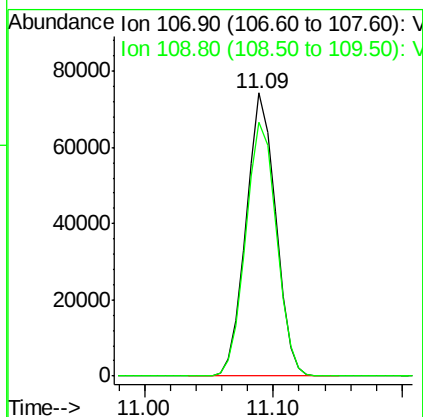
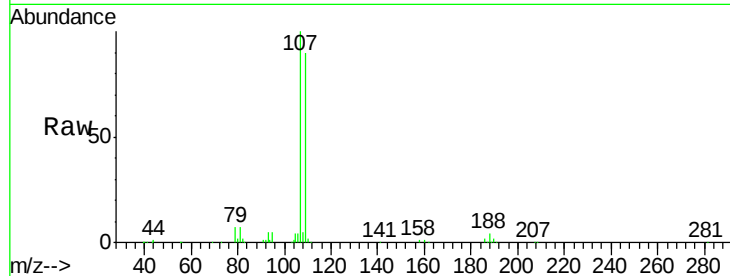




#61
 1,2-Dibromoethane
 Concen: 44.05 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

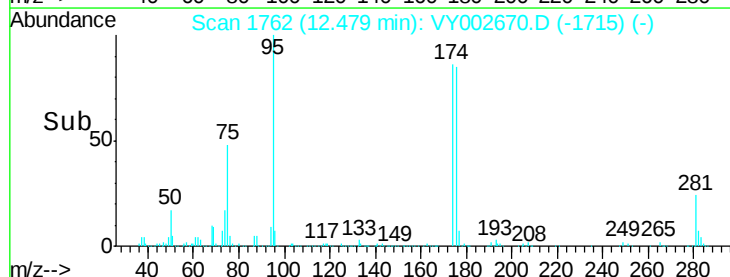
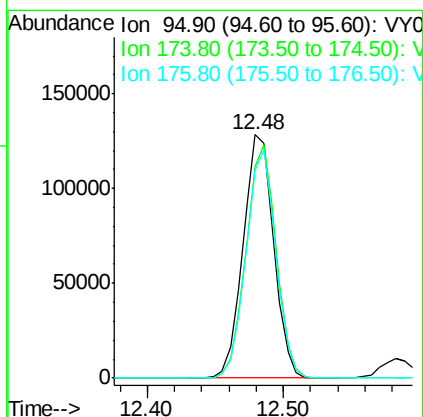
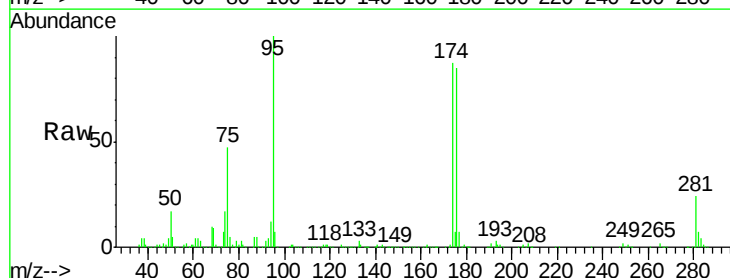
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 117544
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.46 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion: 95 Resp: 201828
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 188.8
 176 91.5 0.0 183.2

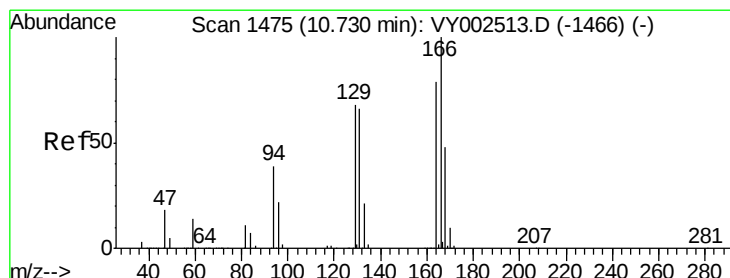
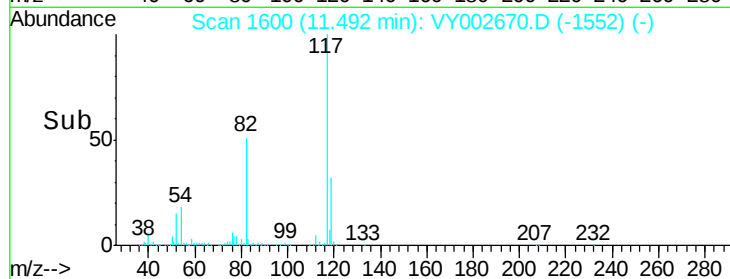
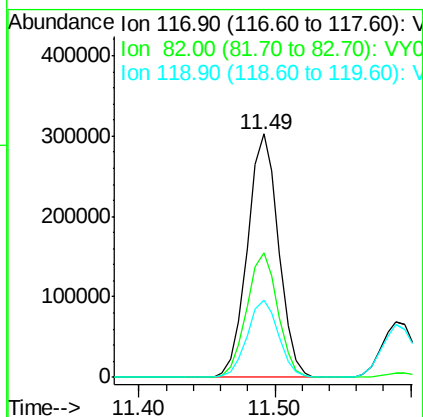
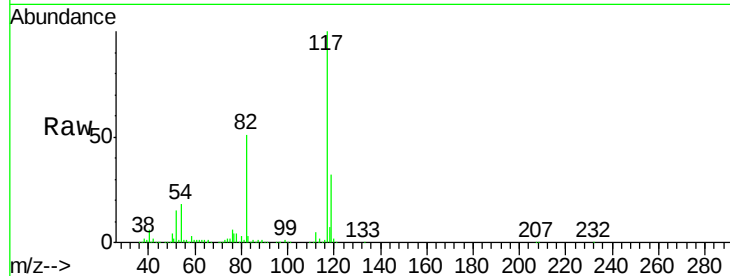




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

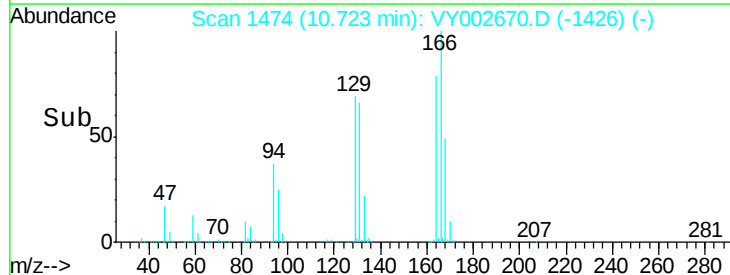
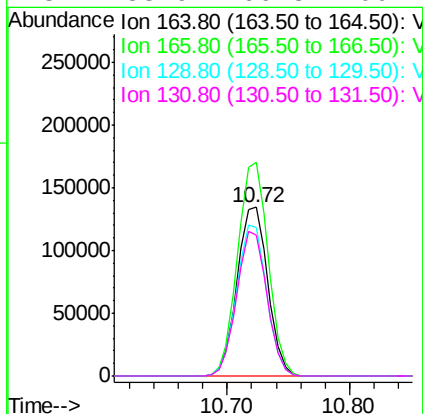
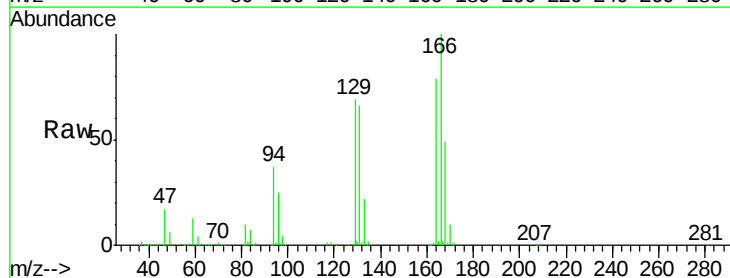
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 484822
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 54.21 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion:164 Resp: 233508
Ion Ratio Lower Upper
164 100
166 126.8 100.7 151.1
129 88.1 68.3 102.5
131 83.9 66.8 100.2

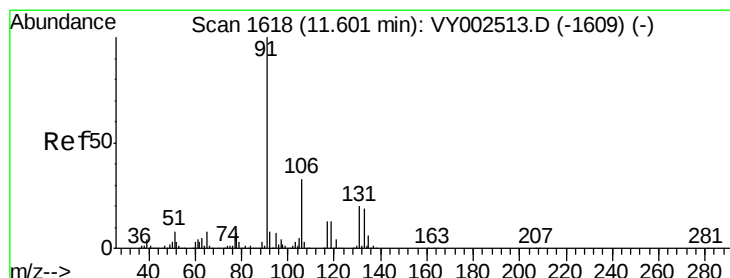
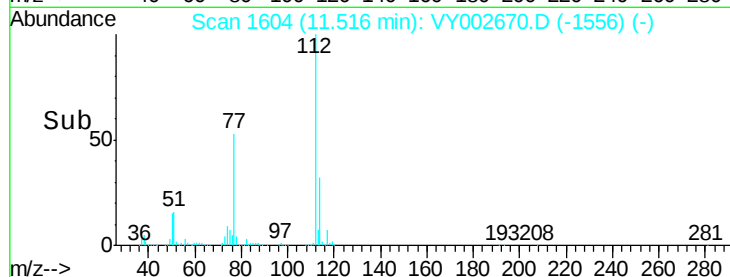
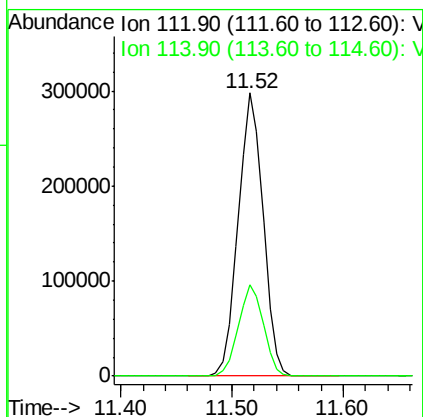
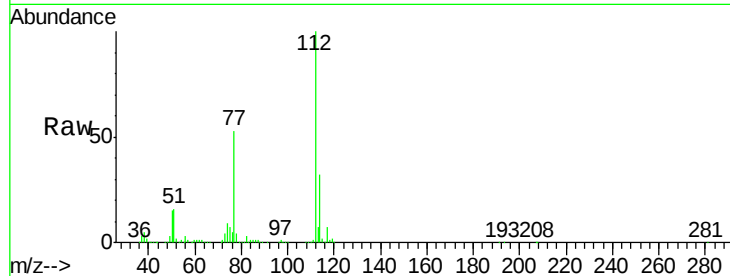




#65
Chlorobenzene
Concen: 50.20 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

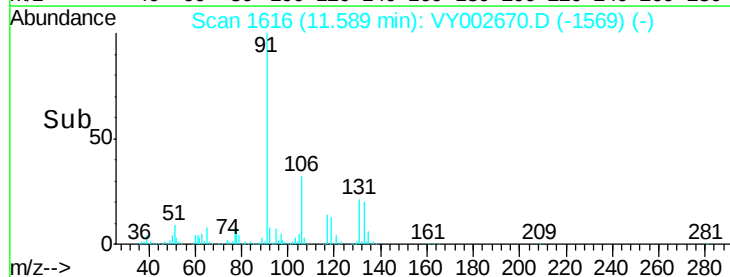
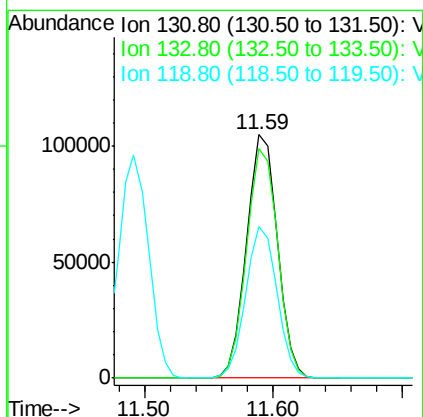
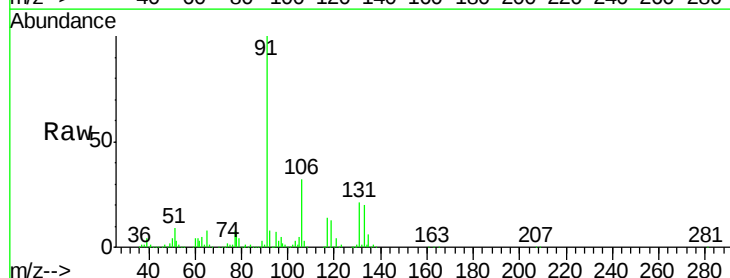
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

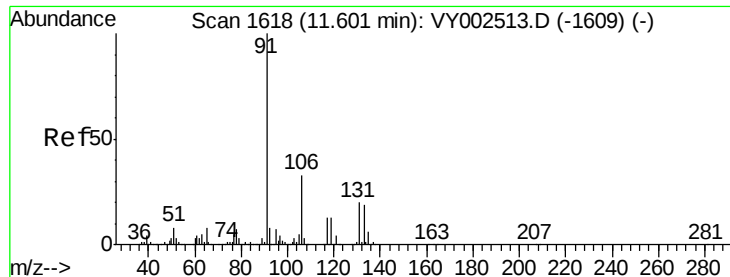
Tgt Ion:112 Resp: 462635
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.60 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion:131 Resp: 173103
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 63.0 31.6 95.0





#67

Ethyl Benzene

Concen: 51.24 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

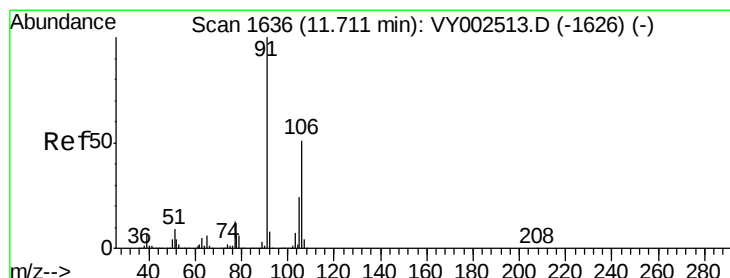
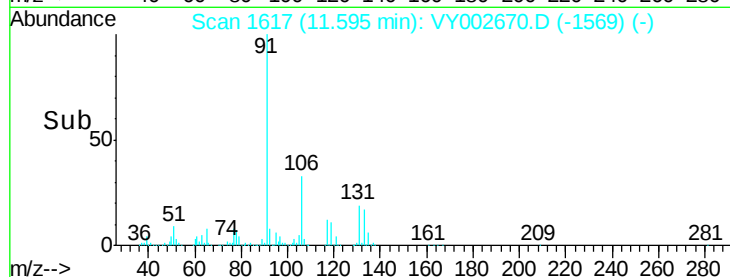
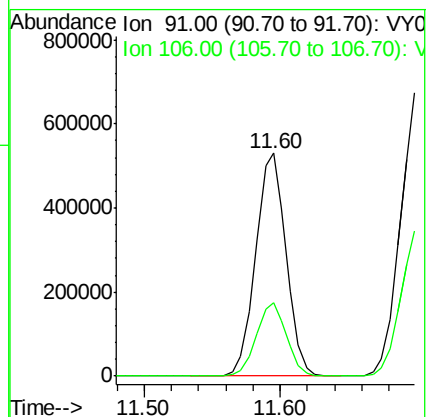
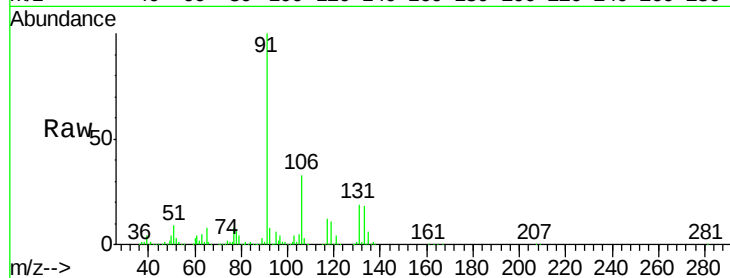
VSTDCCC050EC

Tgt Ion: 91 Resp: 829601

Ion Ratio Lower Upper

91 100

106 33.2 26.1 39.1



#68

m/p-Xylenes

Concen: 102.33 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002670.D

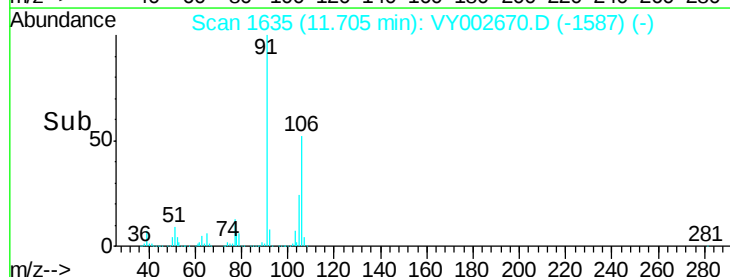
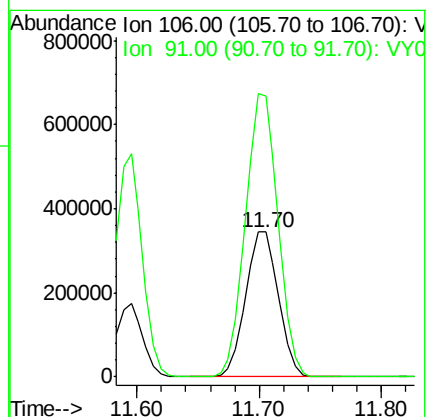
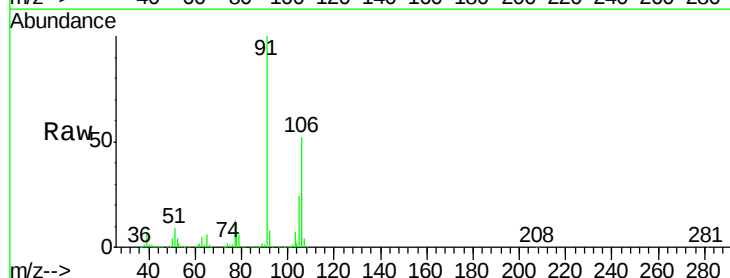
Acq: 12 May 2020 15:45

Tgt Ion: 106 Resp: 641002

Ion Ratio Lower Upper

106 100

91 194.3 155.2 232.8

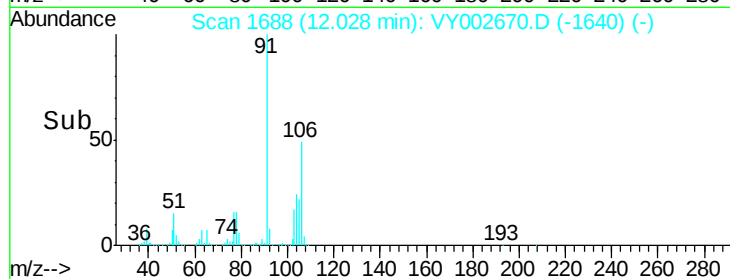
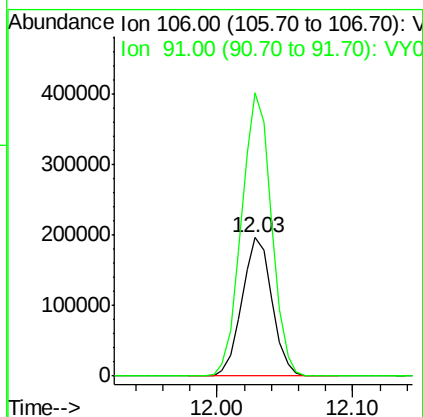
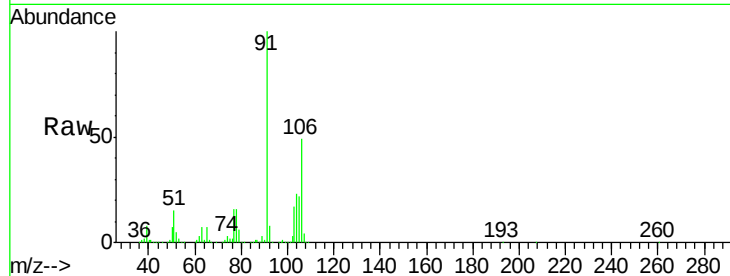




#69
o-Xylene
Concen: 51.50 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

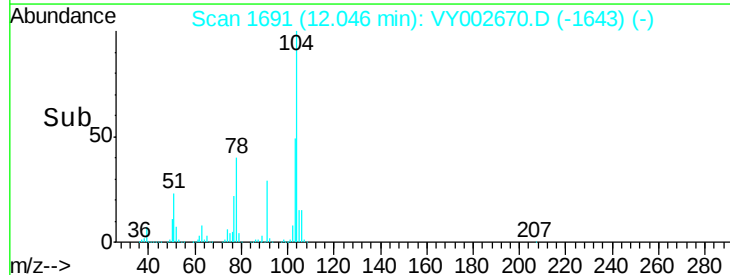
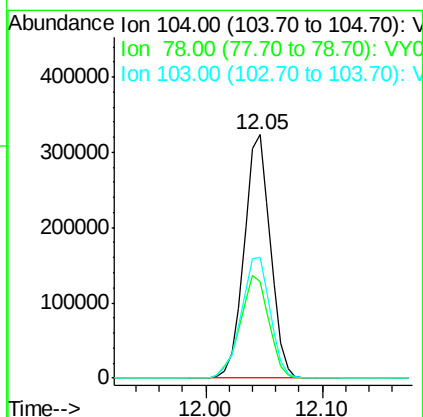
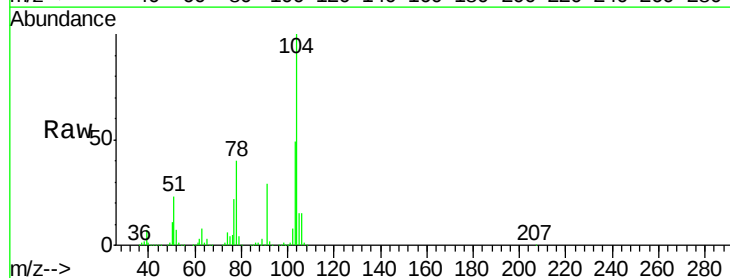
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

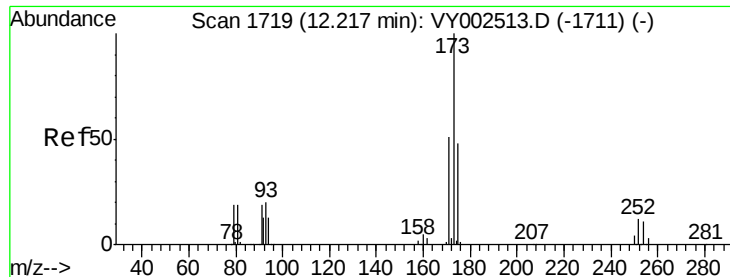
Tgt Ion:106 Resp: 302071
Ion Ratio Lower Upper
106 100
91 204.4 103.8 311.3



#70
Styrene
Concen: 50.64 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion:104 Resp: 507706
Ion Ratio Lower Upper
104 100
78 46.3 37.4 56.0
103 54.9 43.9 65.9





#71

Bromoform

Concen: 44.84 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

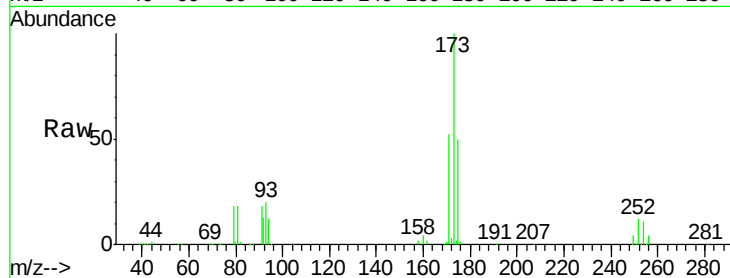
Tgt Ion:173 Resp: 95221

Ion Ratio Lower Upper

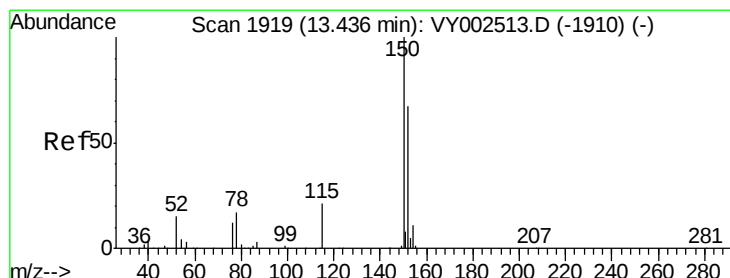
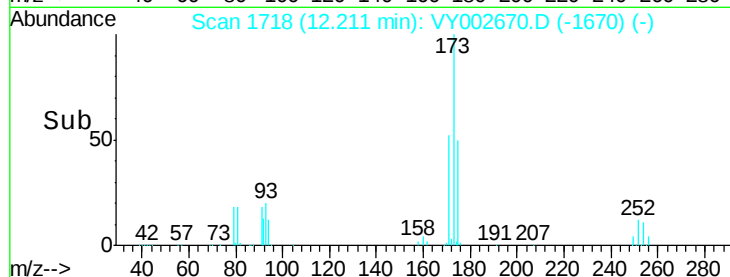
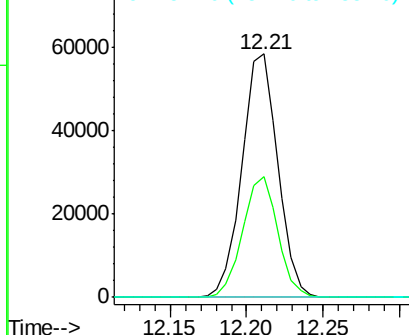
173 100

175 48.5 24.3 72.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

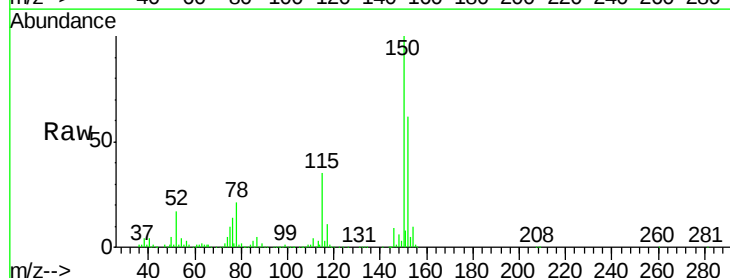
Tgt Ion:152 Resp: 238559

Ion Ratio Lower Upper

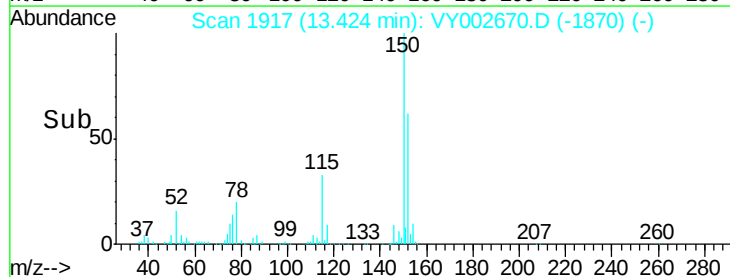
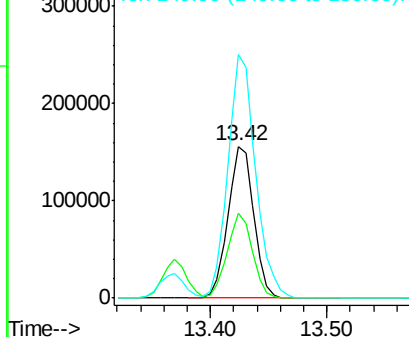
152 100

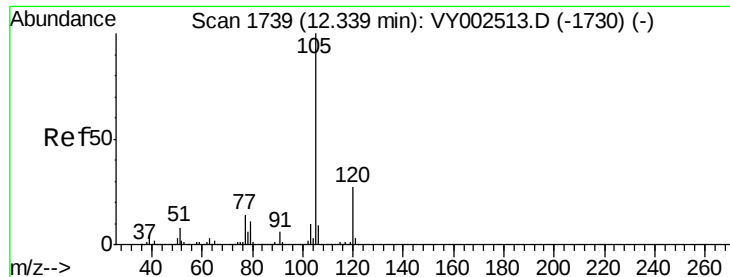
115 54.6 27.5 82.4

150 173.1 0.0 346.4



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





#73

Isopropylbenzene

Concen: 53.59 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

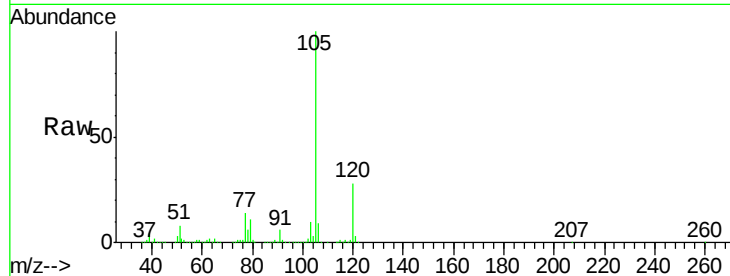
VSTDCCC050EC

Tgt Ion: 105 Resp: 828556

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

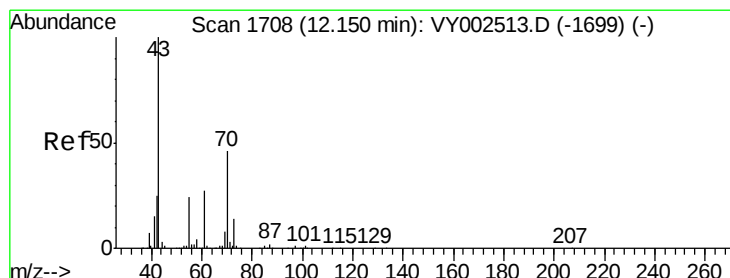
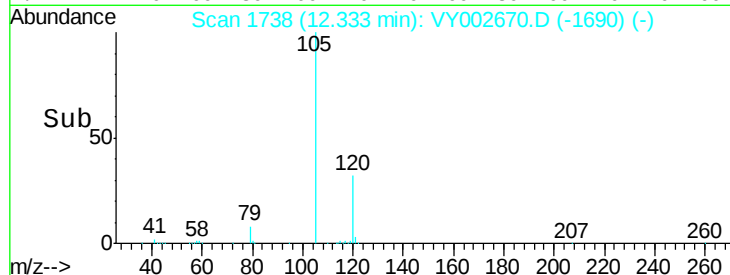
100000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 45.57 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Tgt Ion: 43 Resp: 169485

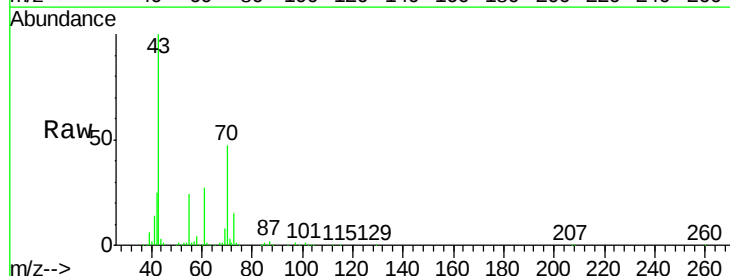
Ion Ratio Lower Upper

43 100

70 47.5 36.7 55.1

55 24.3 19.2 28.8

61 26.5 21.1 31.7



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

150000

100000

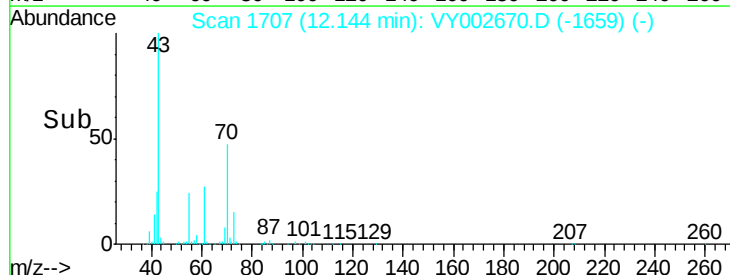
50000

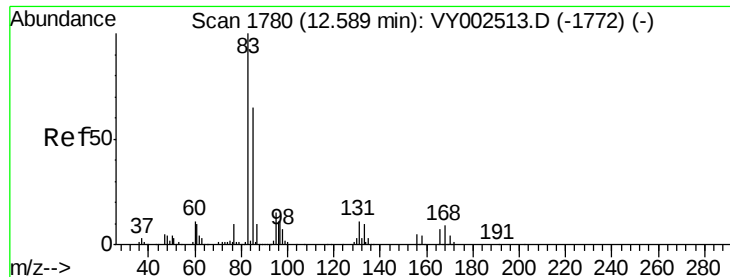
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 42.06 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

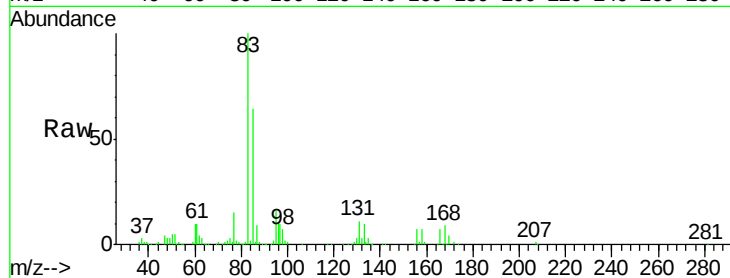
Tgt Ion: 83 Resp: 103413

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.8

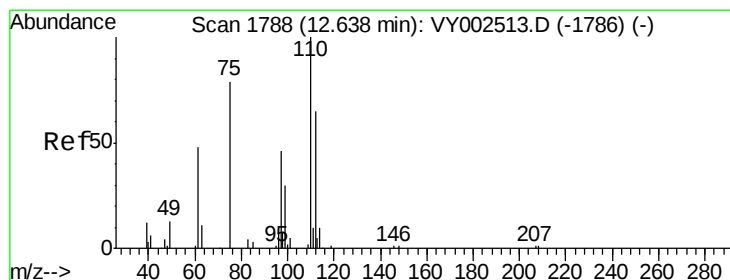
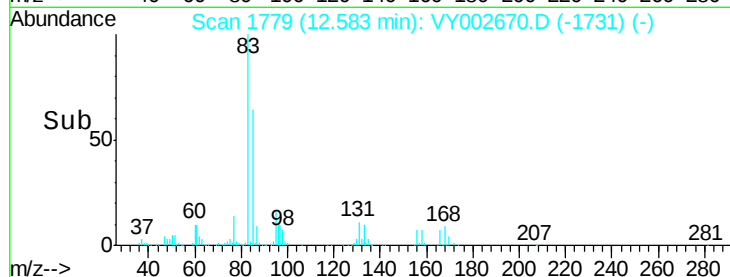
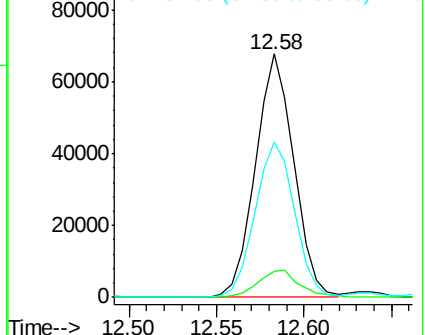
85 65.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 78.83 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY002670.D

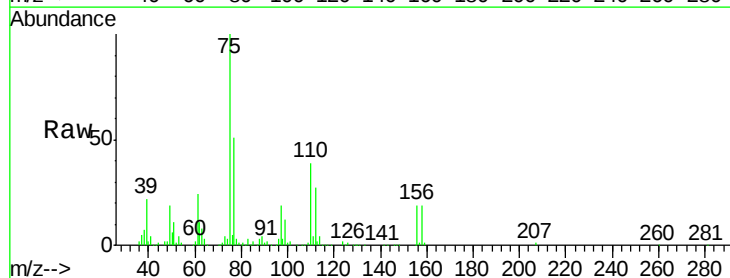
Acq: 12 May 2020 15:45

Tgt Ion: 75 Resp: 167122

Ion Ratio Lower Upper

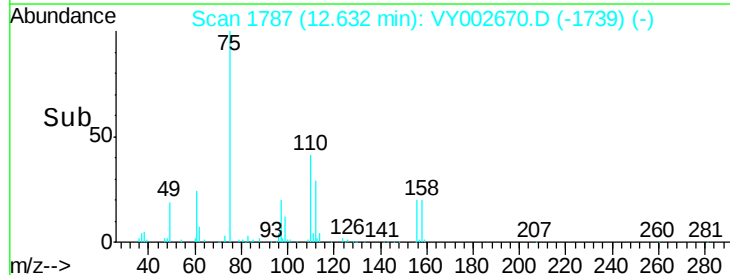
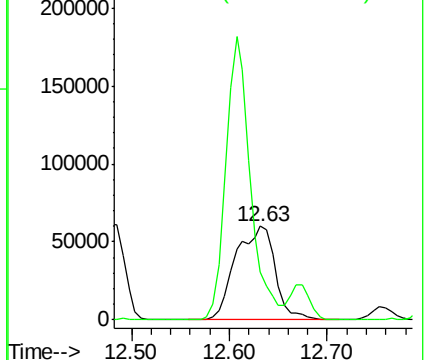
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.98 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

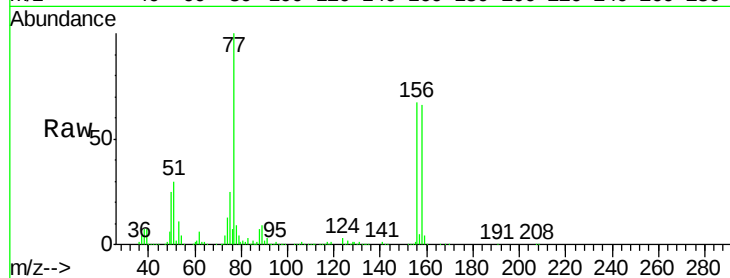
Tgt Ion: 156 Resp: 196907

Ion Ratio Lower Upper

156 100

77 161.1 82.0 245.8

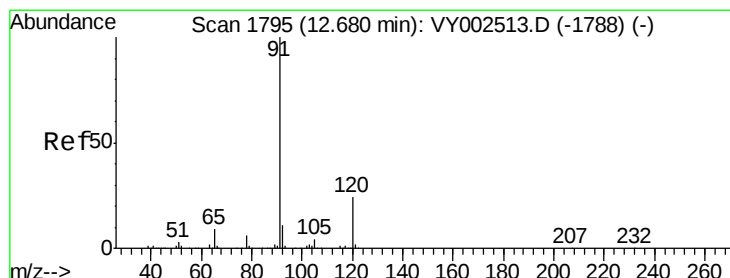
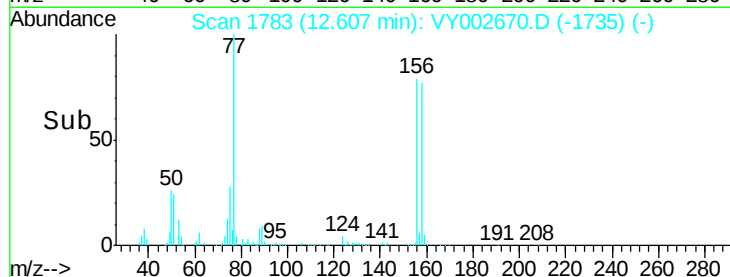
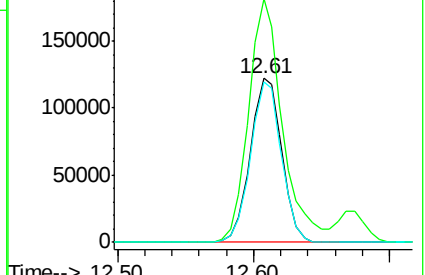
158 96.5 48.5 145.6



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: 53.61 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002670.D

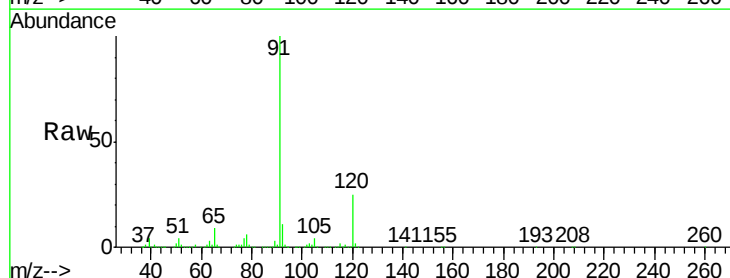
Acq: 12 May 2020 15:45

Tgt Ion: 91 Resp: 961842

Ion Ratio Lower Upper

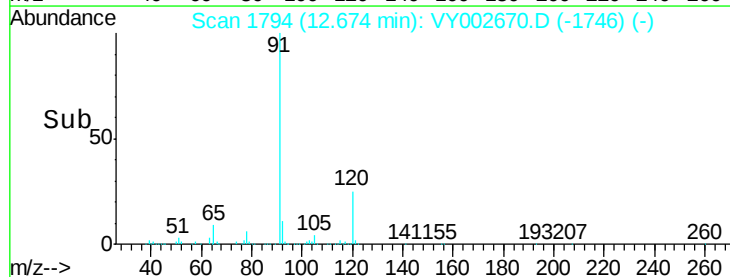
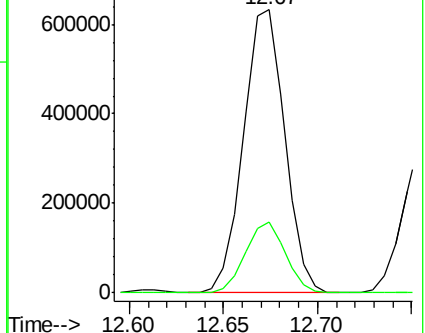
91 100

120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.47 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

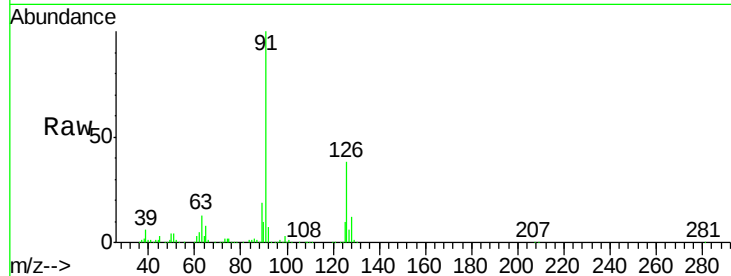
VSTDCCC050EC

Tgt Ion: 91 Resp: 521471

Ion Ratio Lower Upper

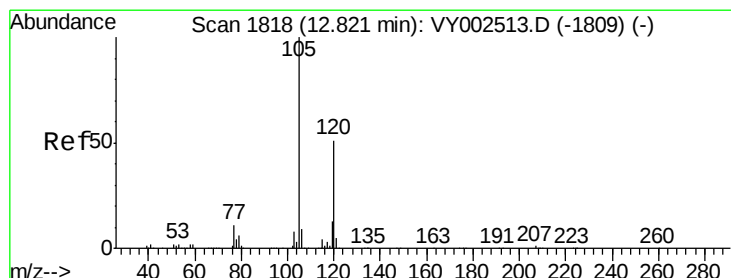
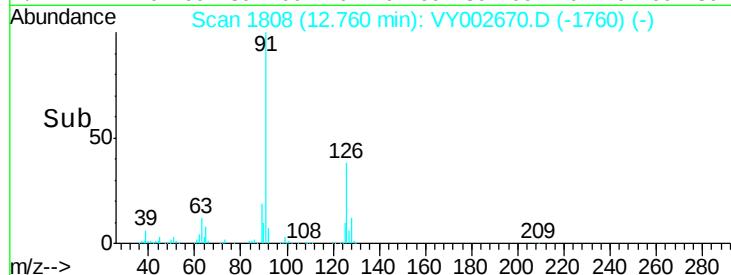
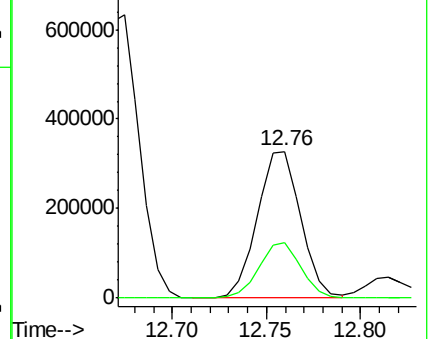
91 100

126 36.9 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.11 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002670.D

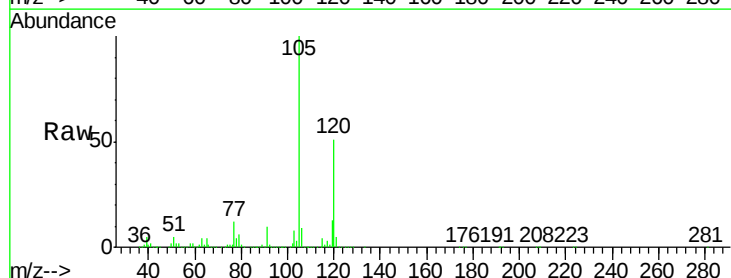
Acq: 12 May 2020 15:45

Tgt Ion: 105 Resp: 680651

Ion Ratio Lower Upper

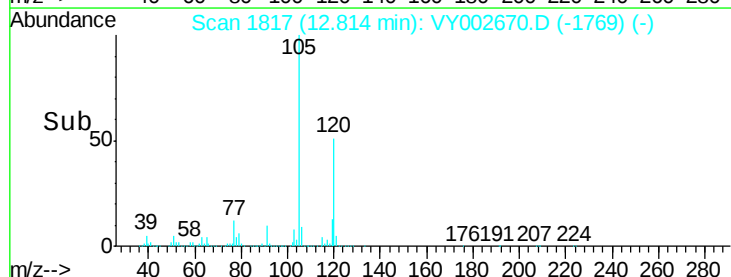
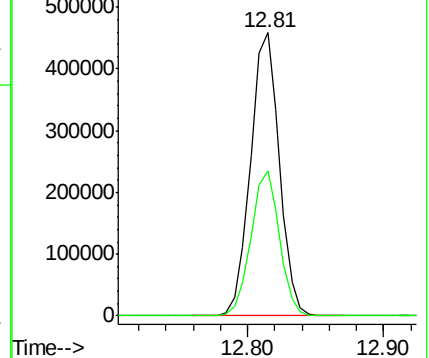
105 100

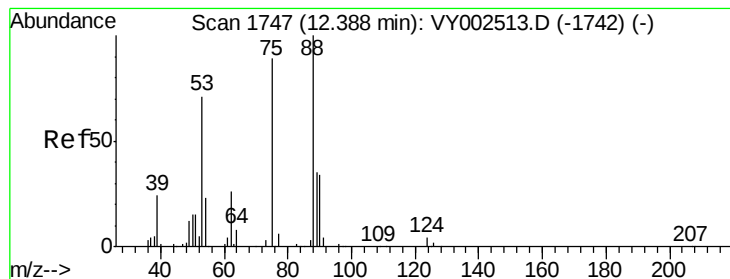
120 50.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.48 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002670.D

Acq: 12 May 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

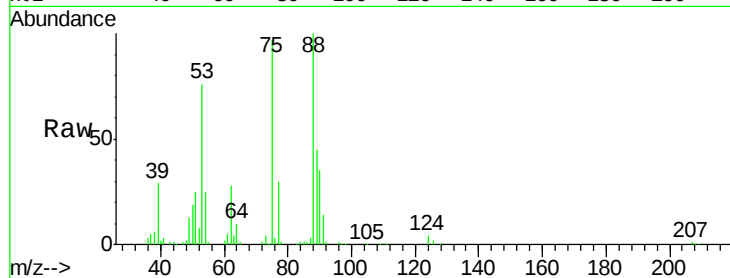
Tgt Ion: 75 Resp: 45972

Ion Ratio Lower Upper

75 100

53 82.8 67.4 101.0

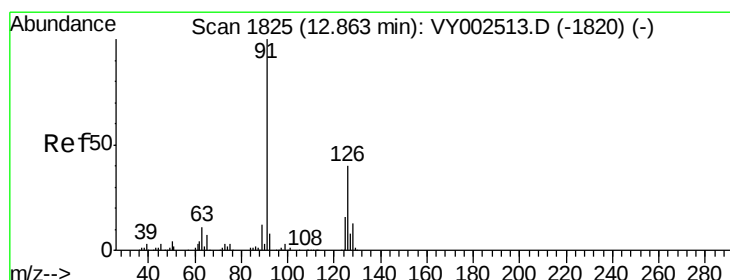
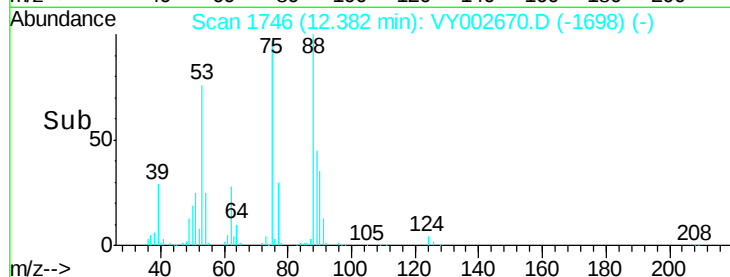
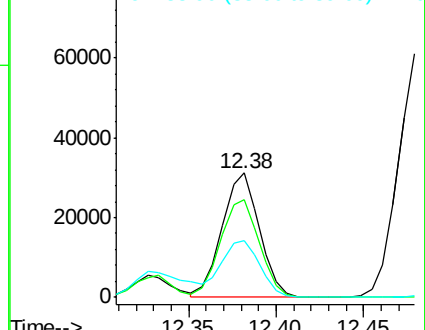
89 47.9 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.80 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002670.D

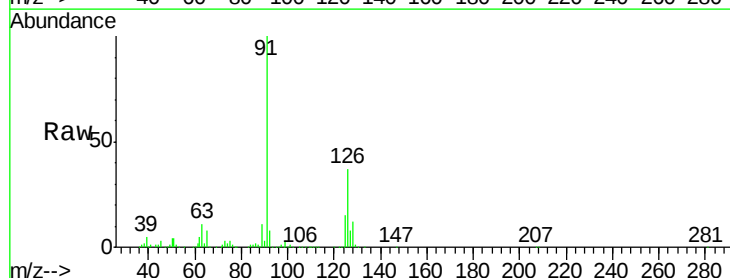
Acq: 12 May 2020 15:45

Tgt Ion: 91 Resp: 540791

Ion Ratio Lower Upper

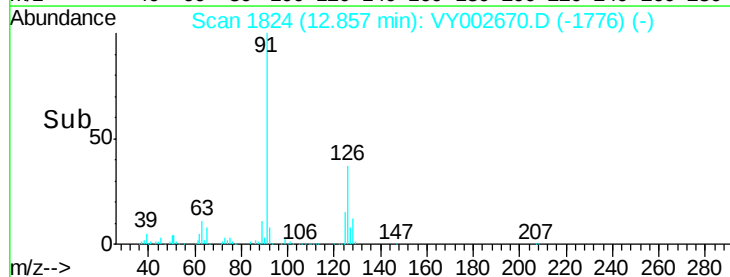
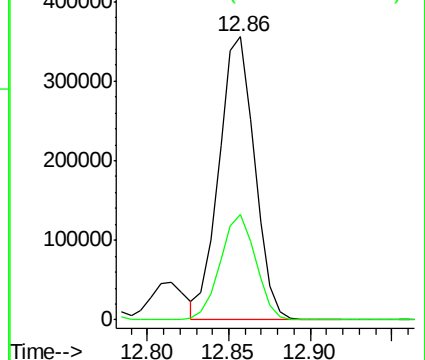
91 100

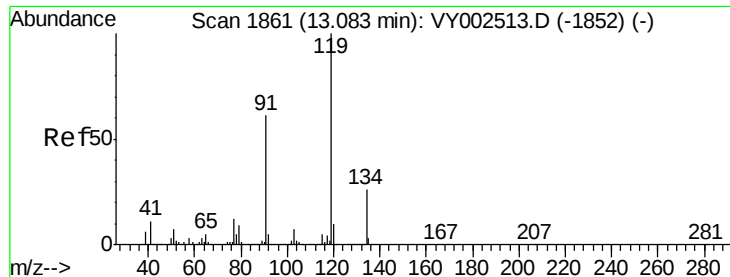
126 36.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

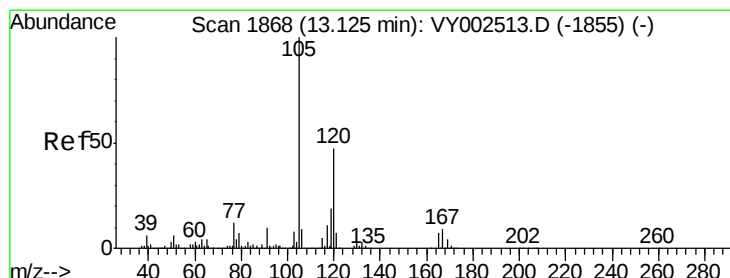
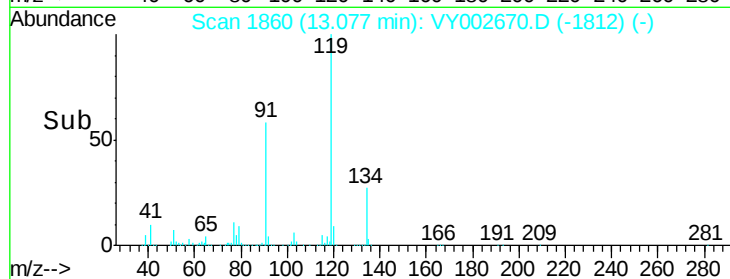
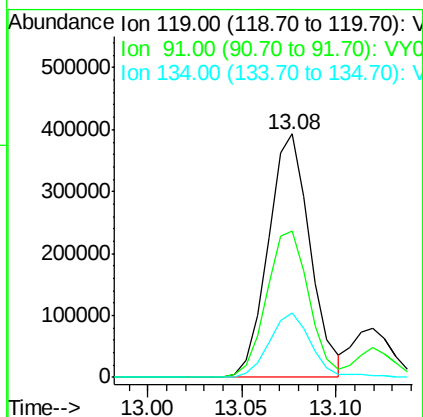
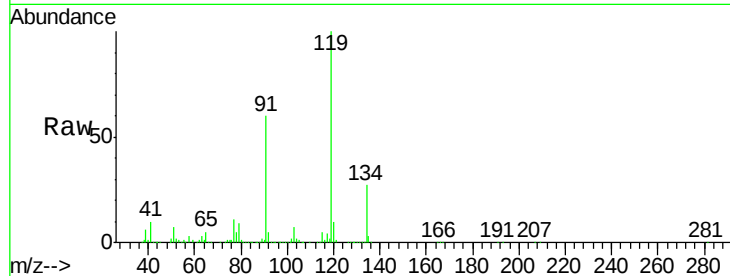




#83
 tert-Butylbenzene
 Concen: 53.88 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

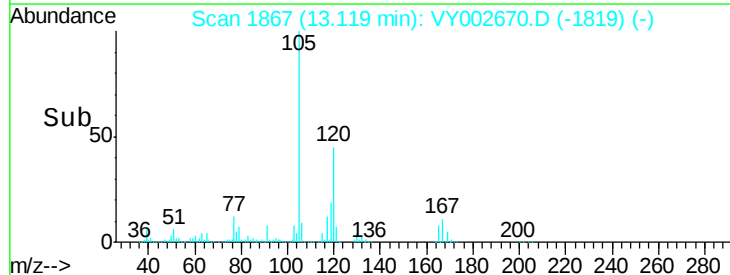
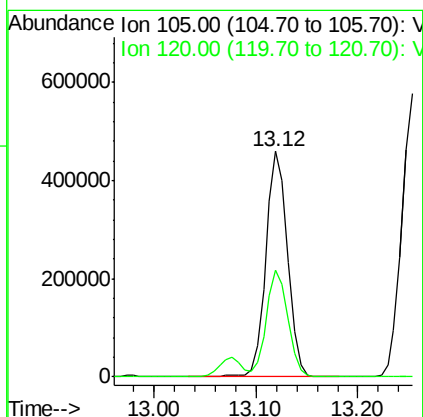
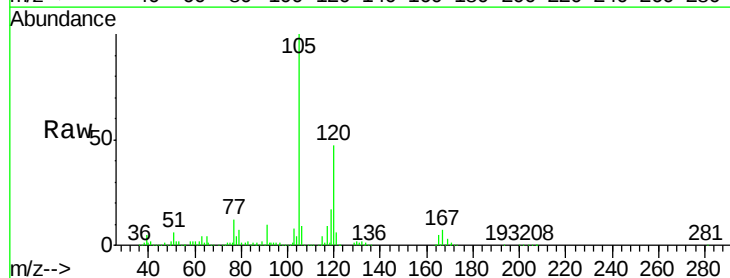
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

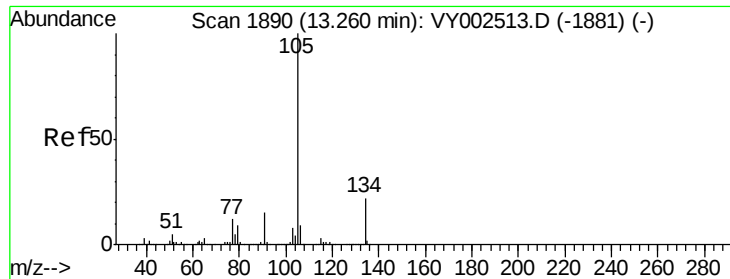
Tgt Ion:119 Resp: 605518
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.6 91.6
 134 26.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.84 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion:105 Resp: 674938
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.3

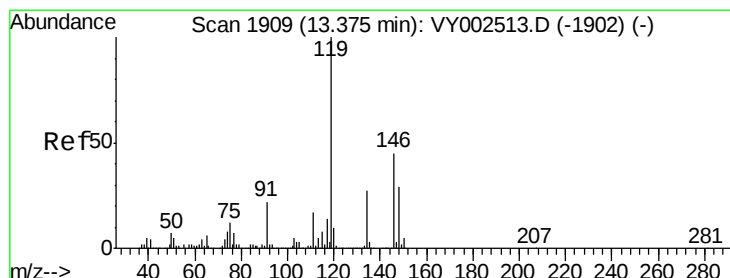
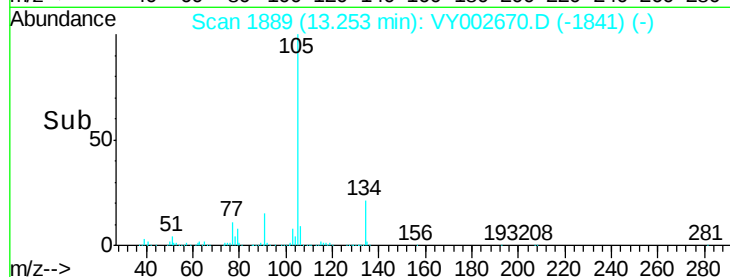
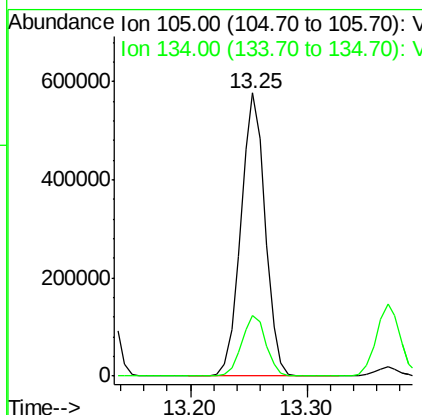
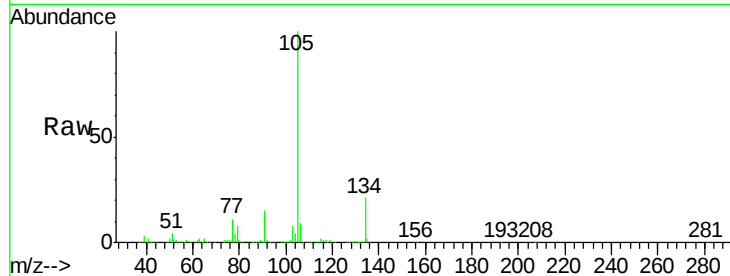




#85
 sec-Butylbenzene
 Concen: 53.70 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

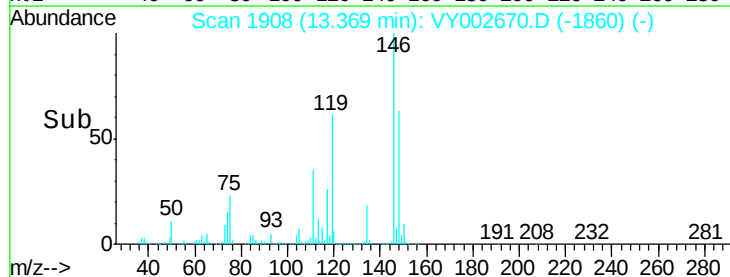
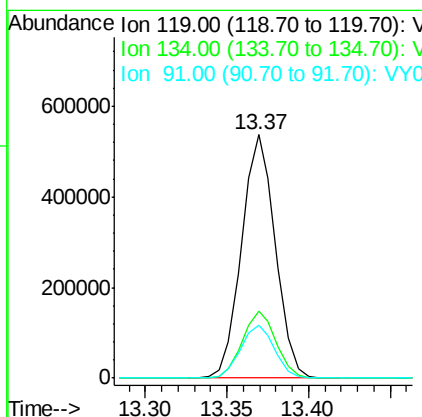
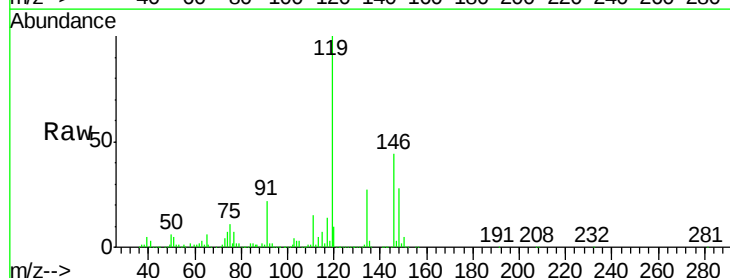
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 837380
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 52.72 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion:119 Resp: 770265
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.5
 91 21.8 10.9 32.9

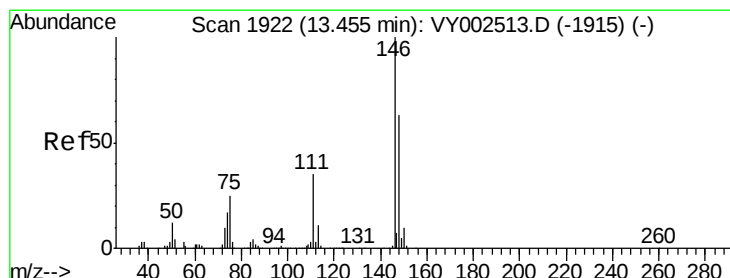
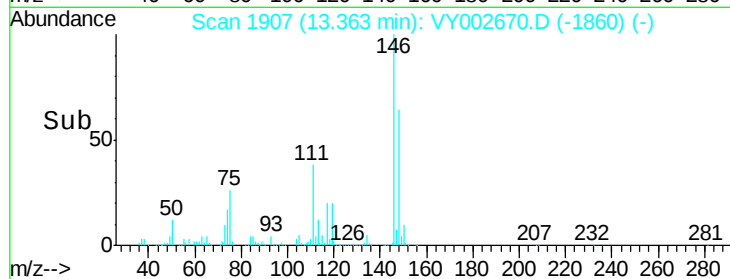
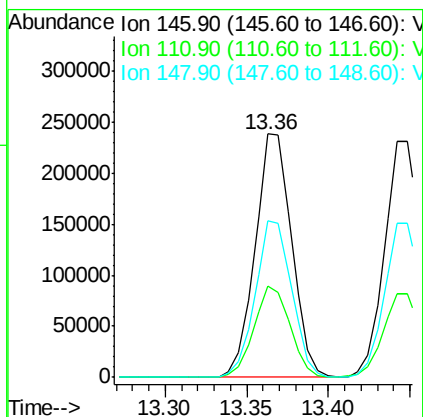
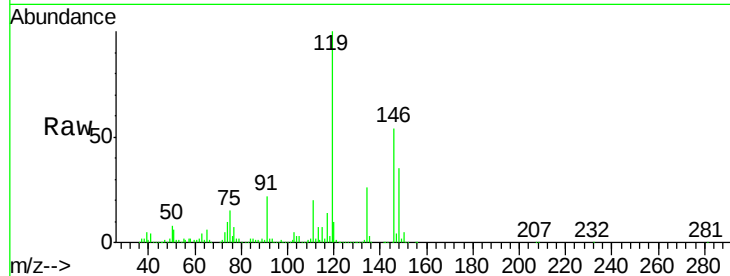




#87
 1,3-Dichlorobenzene
 Concen: 50.88 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

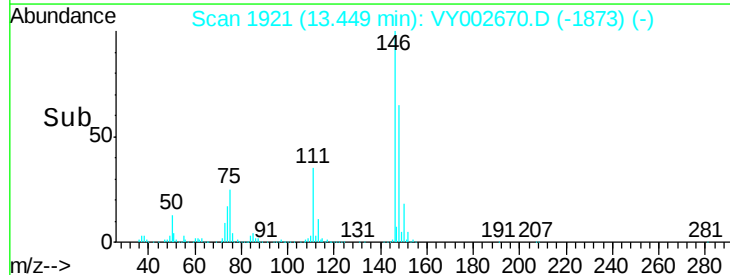
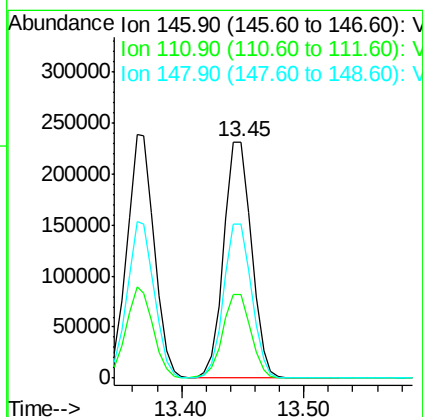
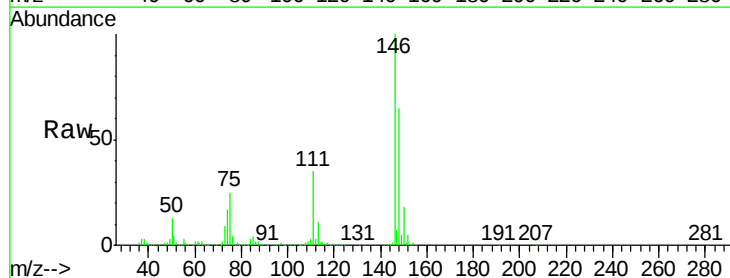
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

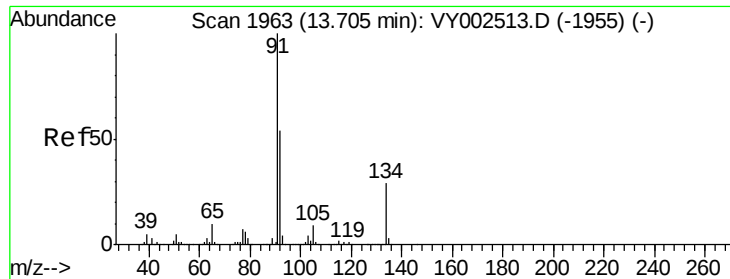
Tgt Ion:146 Resp: 371944
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.8 56.3
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.25 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion:146 Resp: 363775
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.1
 148 65.4 31.9 95.5

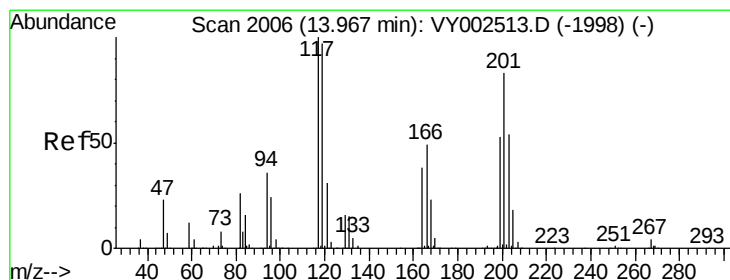
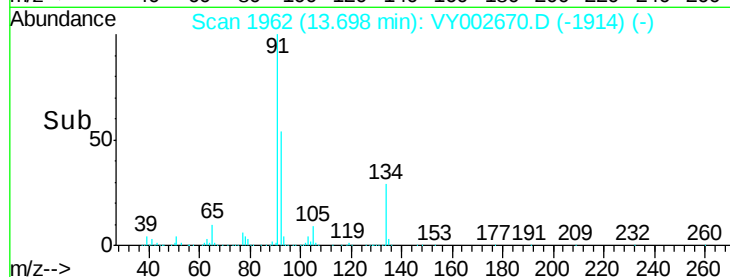
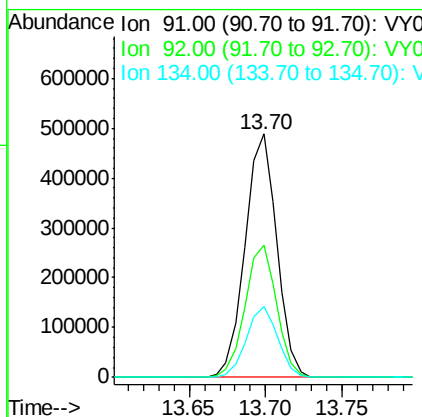
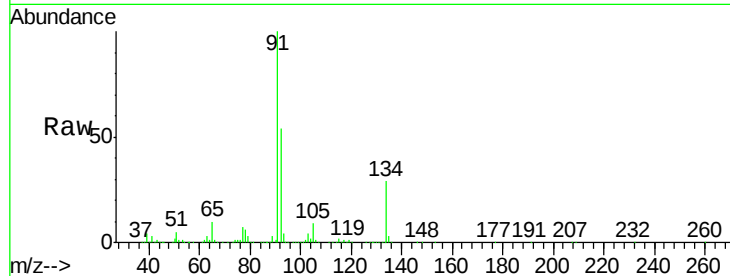




#89
n-Butylbenzene
Concen: 52.70 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

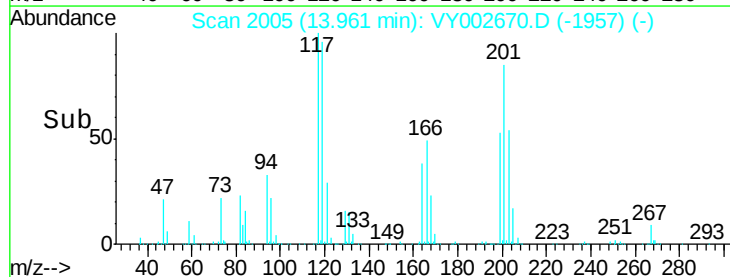
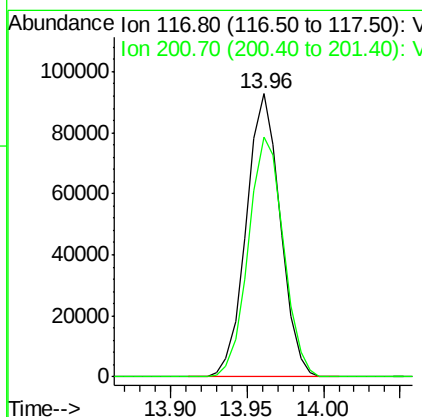
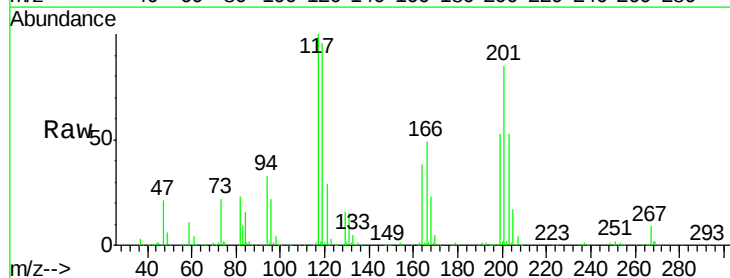
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

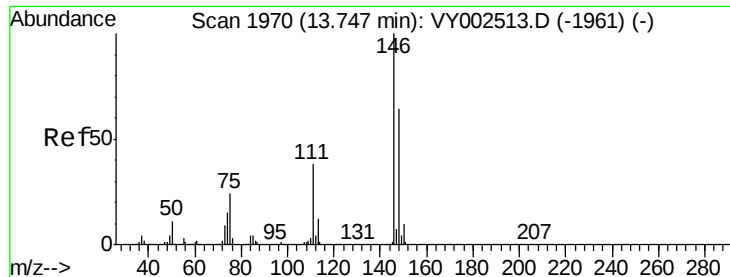
Tgt Ion: 91 Resp: 700964
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.3
134 28.8 14.4 43.0



#90
Hexachloroethane
Concen: 53.94 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion: 117 Resp: 143519
Ion Ratio Lower Upper
117 100
201 87.5 44.4 133.2

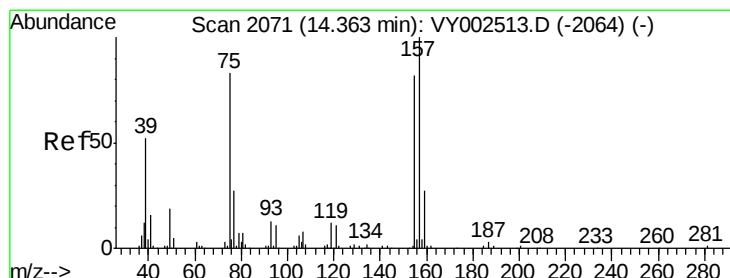
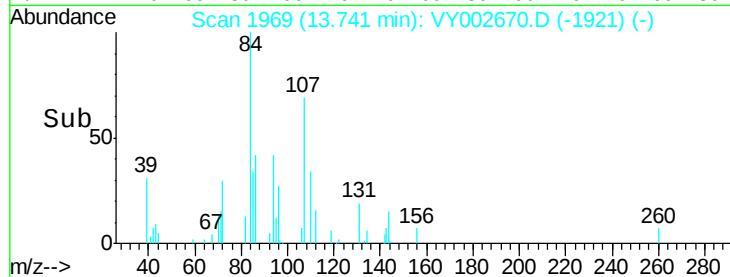
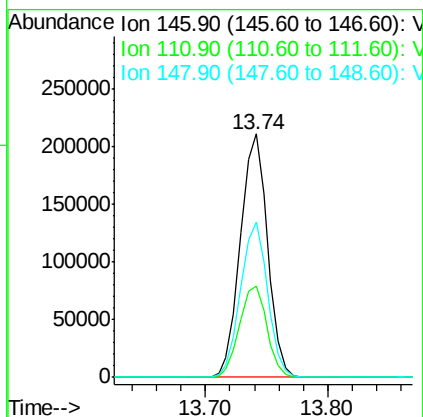
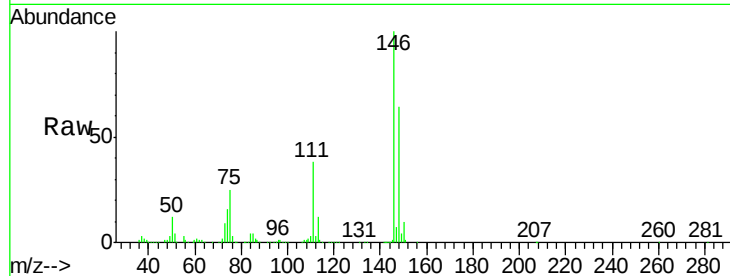




#91
 1,2-Dichlorobenzene
 Concen: 49.86 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

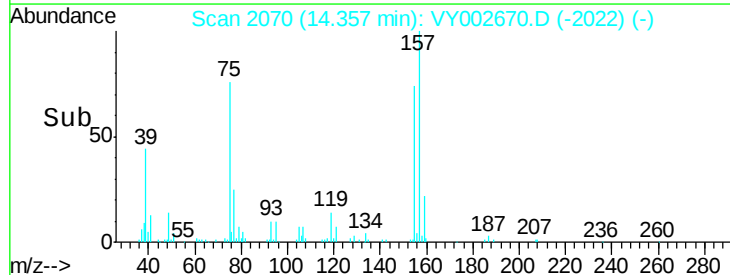
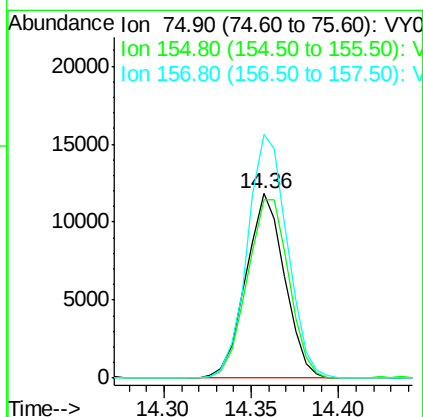
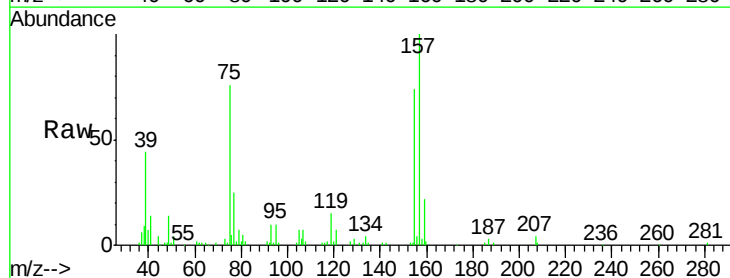
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

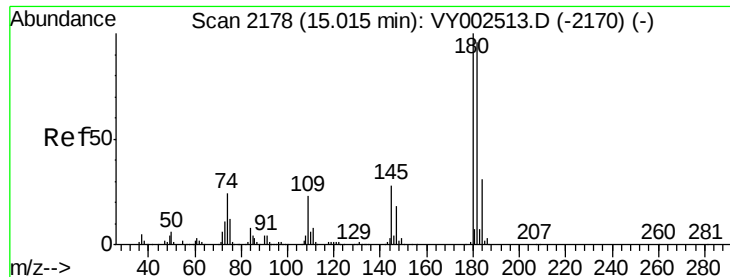
Tgt Ion: 146 Resp: 325256
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 63.4 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.71 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion: 75 Resp: 18201
 Ion Ratio Lower Upper
 75 100
 155 104.3 51.3 153.9
 157 135.5 65.0 195.0

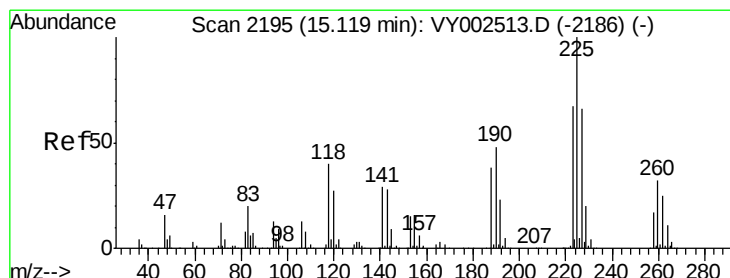
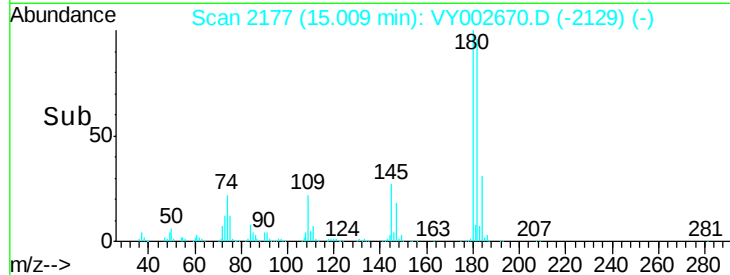
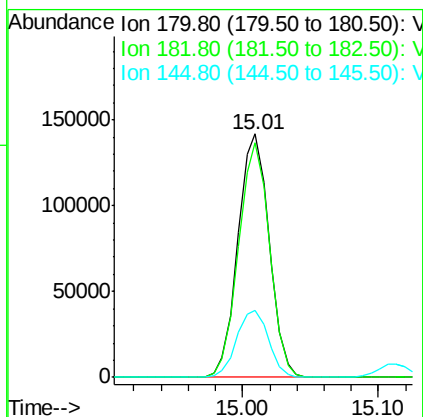
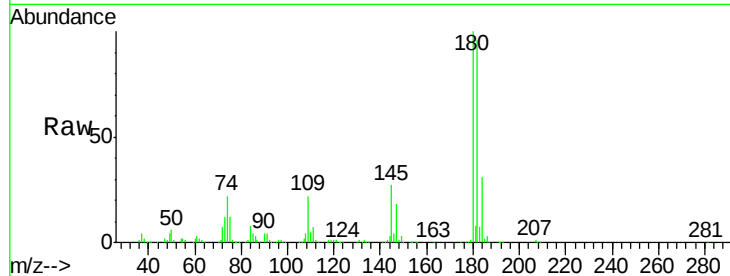




#93
 1,2,4-Trichlorobenzene
 Concen: 47.90 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

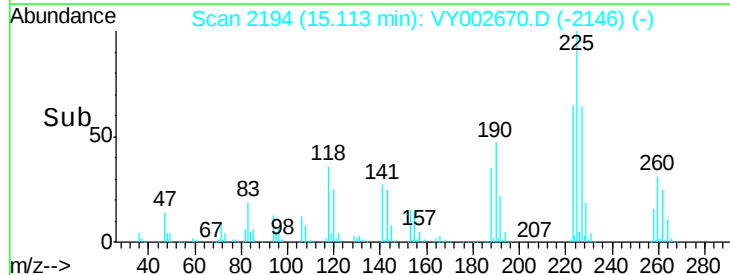
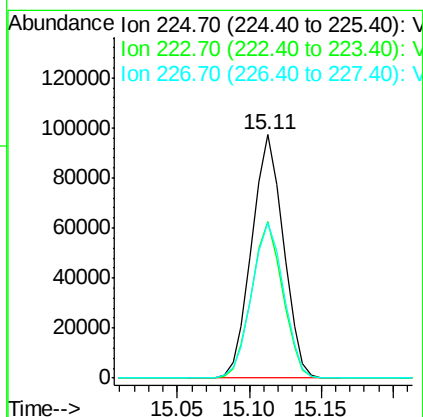
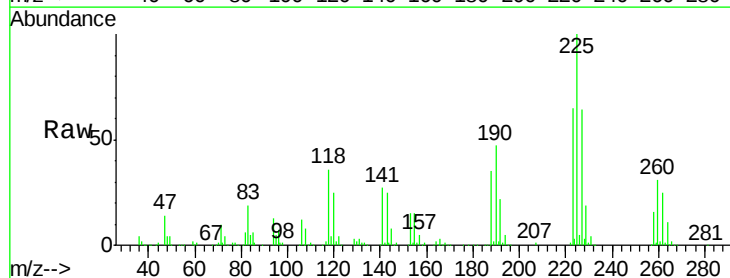
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

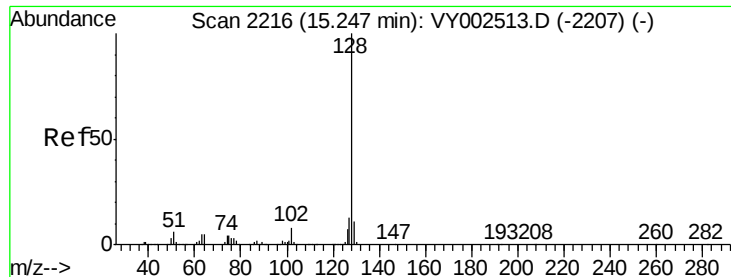
Tgt Ion:180 Resp: 226885
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 28.1 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 52.09 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002670.D
 Acq: 12 May 2020 15:45

Tgt Ion:225 Resp: 148099
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.5
 227 64.2 32.0 96.2

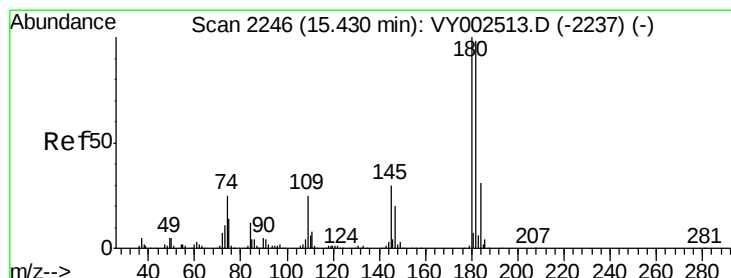
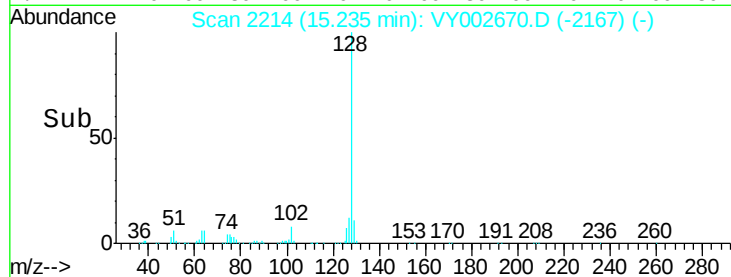
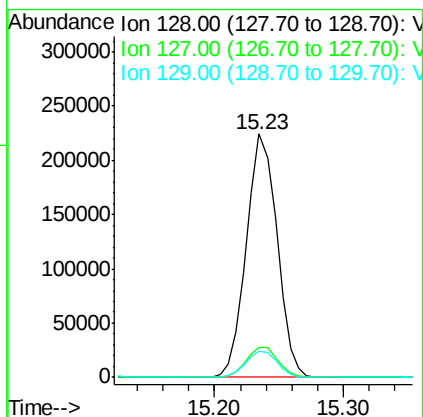
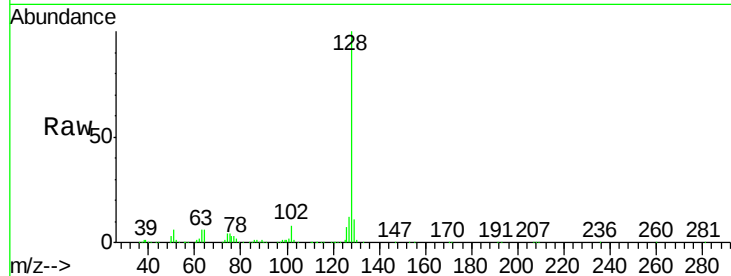




#95
Naphthalene
Concen: 42.82 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 369949
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 45.47 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002670.D
Acq: 12 May 2020 15:45

Tgt Ion:180 Resp: 182817
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.8
145 30.1 15.0 45.1

