

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062520\
 Data File : VY002996.D
 Acq On : 25 Jun 2020 13:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 25 18:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 18:33:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	471159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	575653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	670983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	305878	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	565041	140.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.28%	
35) Dibromofluoromethane	7.72	113	531173	147.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.20%	
50) Toluene-d8	10.18	98	2182987	157.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.36%	
62) 4-Bromofluorobenzene	12.48	95	833815	161.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	404377	143.076	ug/l	100
3) Chloromethane	2.12	50	561368	144.362	ug/l	98
4) Vinyl Chloride	2.26	62	572047	146.694	ug/l	100
5) Bromomethane	2.63	94	471192	161.966	ug/l	99
6) Chloroethane	2.79	64	384787	152.043	ug/l	99
7) Trichlorofluoromethane	3.13	101	1122089	151.561	ug/l	99
8) Diethyl Ether	3.54	74	352137	157.983	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	565919	146.473	ug/l	98
10) Methyl Iodide	4.10	142	824551	152.527	ug/l	100
11) Tert butyl alcohol	4.97	59	288748	717.826	ug/l	99
12) 1,1-Dichloroethene	3.88	96	549736	145.067	ug/l	99
13) Acrolein	3.74	56	302419	752.471	ug/l	99
14) Allyl chloride	4.49	41	845325	140.629	ug/l	100
15) Acrylonitrile	5.18	53	763198	745.522	ug/l	98
16) Acetone	3.95	43	668711	775.069	ug/l	100
17) Carbon Disulfide	4.20	76	1637535	140.894	ug/l	99
18) Methyl Acetate	4.49	43	326728	144.372	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	1556923	146.511	ug/l	99
20) Methylene Chloride	4.72	84	597605	118.476	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	592120	141.090	ug/l	99
22) Diisopropyl ether	6.13	45	1864731	154.072	ug/l	99
23) Vinyl Acetate	6.07	43	6468075	790.350	ug/l	98
24) 1,1-Dichloroethane	6.03	63	1071276	153.852	ug/l	99
25) 2-Butanone	6.99	43	1076222	796.254	ug/l	99
26) 2,2-Dichloropropane	6.99	77	1023997	146.150	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	712556	152.187	ug/l	100
28) Bromochloromethane	7.34	49	456094	164.910	ug/l	98
29) Tetrahydrofuran	7.35	42	719840	804.384	ug/l	100
30) Chloroform	7.51	83	1049326	142.227	ug/l	99
31) Cyclohexane	7.79	56	804294	123.481	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	953680	136.863	ug/l	99
36) 1,1-Dichloropropene	7.93	75	717649	132.877	ug/l	99
37) Ethyl Acetate	7.08	43	500132	164.961	ug/l	100
38) Carbon Tetrachloride	7.91	117	919146	140.850	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	898586	141.662	ug/l	99
40) Benzene	8.16	78	2037532	139.494	ug/l	99
41) Methacrylonitrile	7.35	41	681046	165.613	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	672501	143.043	ug/l	100
43) Isopropyl Acetate	8.28	43	744469	139.524	ug/l	99
44) Trichloroethene	8.94	130	641816	140.851	ug/l	98
45) 1,2-Dichloropropane	9.22	63	482857	142.871	ug/l	98
46) Dibromomethane	9.31	93	298284	145.602	ug/l	100
47) Bromodichloromethane	9.50	83	723780	142.404	ug/l	99
48) Methyl methacrylate	9.30	41	373132	152.594	ug/l	99
49) 1,4-Dioxane	9.30	88	80035	3346.774	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	2220021	805.814	ug/l	98
52) Toluene	10.24	92	1491957	153.279	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	911559	157.593	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	832536	138.763	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	491476	155.896	ug/l	100
56) Ethyl methacrylate	10.51	69	709824	163.093	ug/l	100
57) 1,3-Dichloropropane	10.79	76	813723	151.540	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1466847	767.099	ug/l	97
59) 2-Hexanone	10.83	43	1578742	785.490	ug/l	99
60) Dibromochloromethane	10.99	129	692664	159.098	ug/l	100
61) 1,2-Dibromoethane	11.09	107	501203	158.102	ug/l	100
64) Tetrachloroethene	10.72	164	804977	129.209	ug/l	96
65) Chlorobenzene	11.52	112	1801320	135.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	740511	137.262	ug/l	99
67) Ethyl Benzene	11.59	91	3151485	135.034	ug/l	100
68) m/p-Xylenes	11.70	106	2452033	272.676	ug/l	99
69) o-Xylene	12.03	106	1117546	130.171	ug/l	100
70) Styrene	12.04	104	1951608	133.205	ug/l	100
71) Bromoform	12.20	173	493518	133.669	ug/l	100
73) Isopropylbenzene	12.33	105	2987008	150.125	ug/l	99
74) N-amyl acetate	12.14	43	789774	146.900	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	561461	158.772	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	811908	157.271	ug/l #	100
77) Bromobenzene	12.61	156	869293	155.316	ug/l	99
78) n-propylbenzene	12.67	91	3373265	146.944	ug/l	100
79) 2-Chlorotoluene	12.75	91	1905104	145.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2479969	141.291	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	228348	162.542	ug/l #	77
82) 4-Chlorotoluene	12.85	91	2031301	144.935	ug/l	100
83) tert-Butylbenzene	13.07	119	2083765	134.925	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	2178576	126.359	ug/l	99
85) sec-Butylbenzene	13.25	105	2494164	127.633	ug/l	100
86) p-Isopropyltoluene	13.37	119	2455926	133.322	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1325257	136.185	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1293426	135.316	ug/l	99
89) n-Butylbenzene	13.69	91	2097644	131.966	ug/l	99
90) Hexachloroethane	13.96	117	457789	137.252	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	1161960	135.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	91329	148.934	ug/l	98

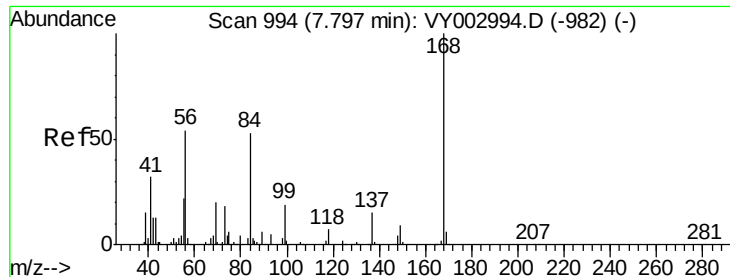
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY062520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	958321	140.883	ug/l	99
94) Hexachlorobutadiene	15.11	225	630622	135.464	ug/l	99
95) Naphthalene	15.23	128	1661459	149.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	838812	142.956	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

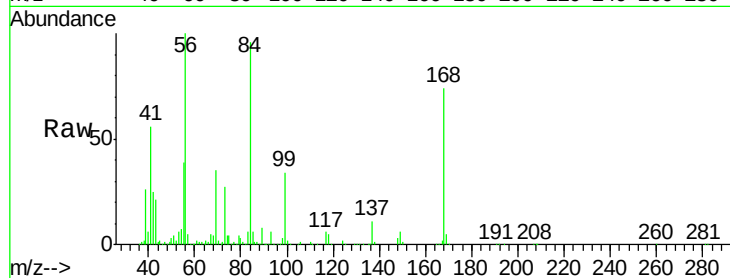
VSTDIC150

Tgt Ion:168 Resp: 471159

Ion Ratio Lower Upper

168 100

99 46.4 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VY002994.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY002994.D (-982) (-)

250000

200000

150000

100000

50000

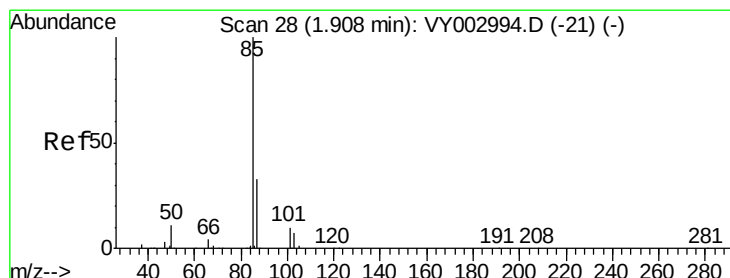
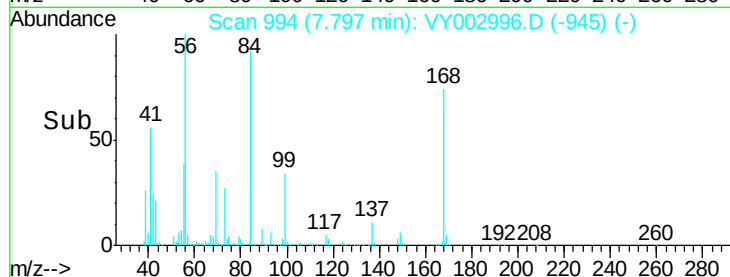
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 143.076 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002996.D

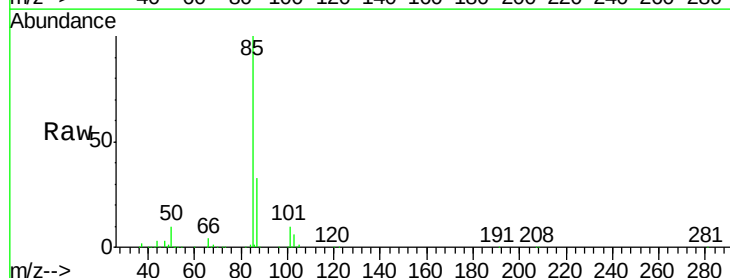
Acq: 25 Jun 2020 13:20

Tgt Ion: 85 Resp: 404377

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002994.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002994.D (-21) (-)

300000

250000

200000

150000

100000

50000

0

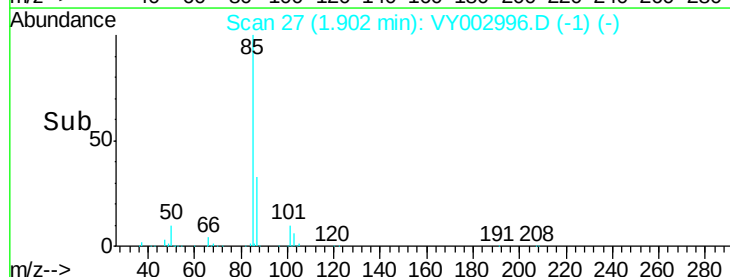
1.80

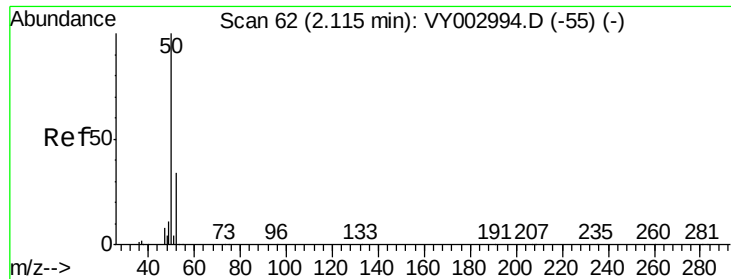
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 144.362 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

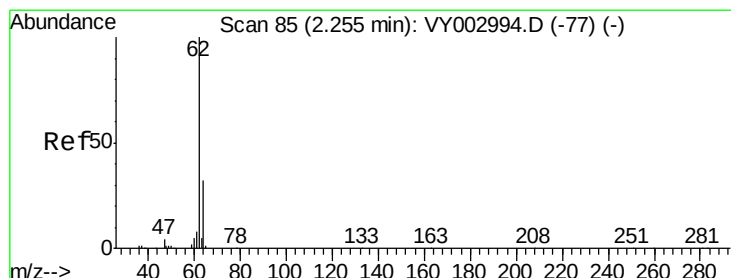
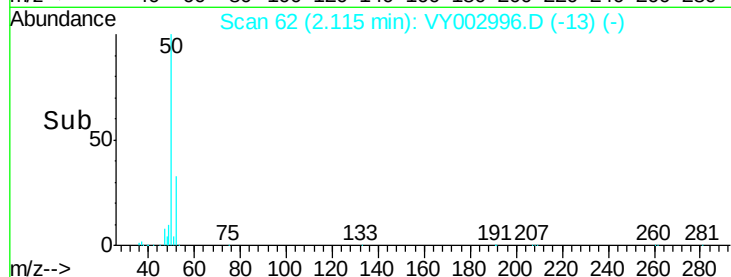
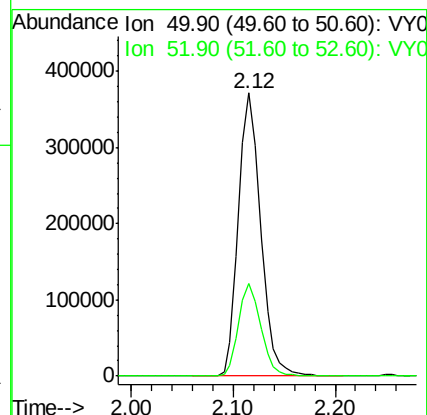
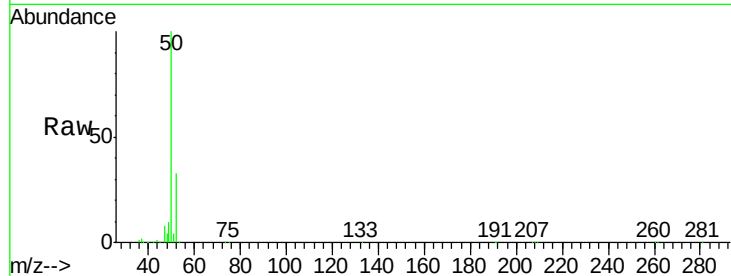
VSTDIC150

Tgt Ion: 50 Resp: 561368

Ion Ratio Lower Upper

50 100

52 32.6 27.1 40.7



#4

Vinyl Chloride

Concen: 146.694 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002996.D

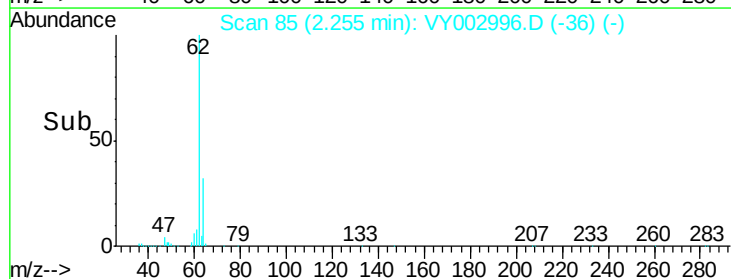
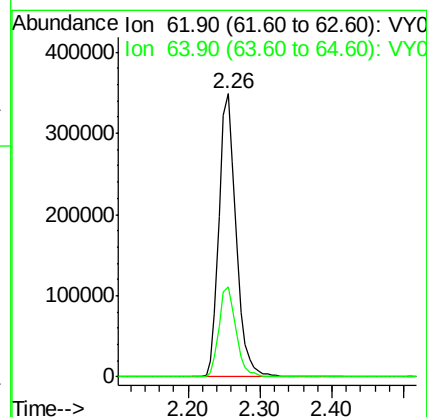
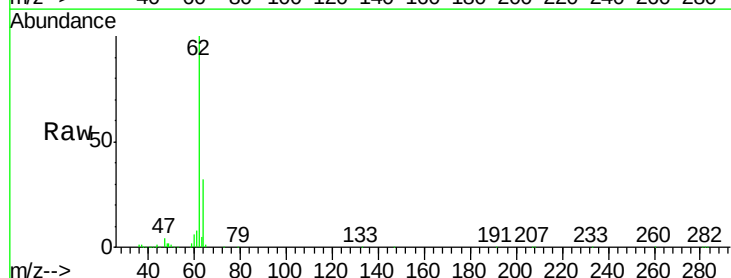
Acq: 25 Jun 2020 13:20

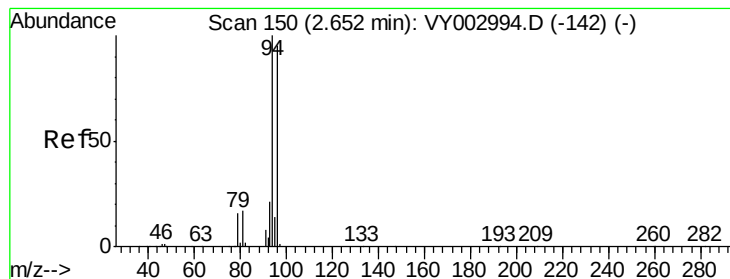
Tgt Ion: 62 Resp: 572047

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 161.966 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

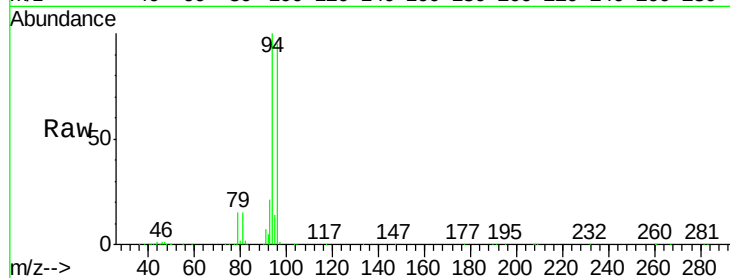
VSTDIC150

Tgt Ion: 94 Resp: 471192

Ion Ratio Lower Upper

94 100

96 94.7 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

200000

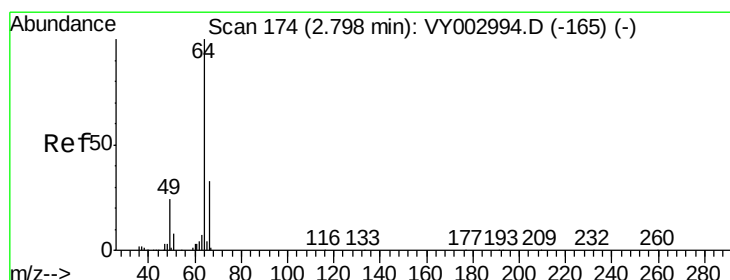
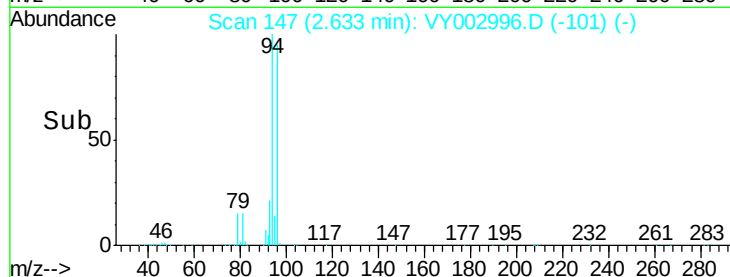
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 152.043 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY002996.D

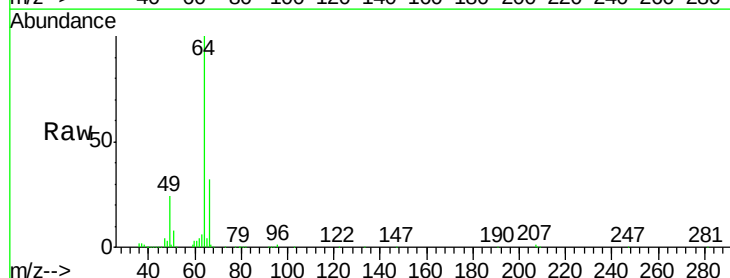
Acq: 25 Jun 2020 13:20

Tgt Ion: 64 Resp: 384787

Ion Ratio Lower Upper

64 100

66 32.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

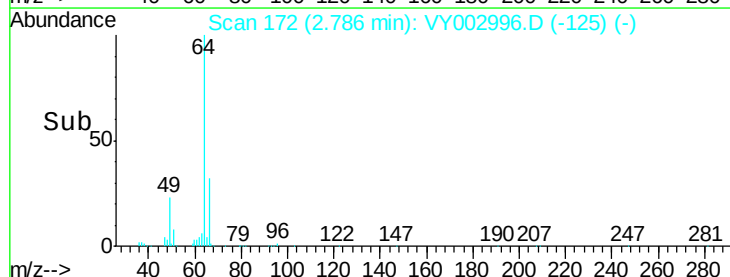
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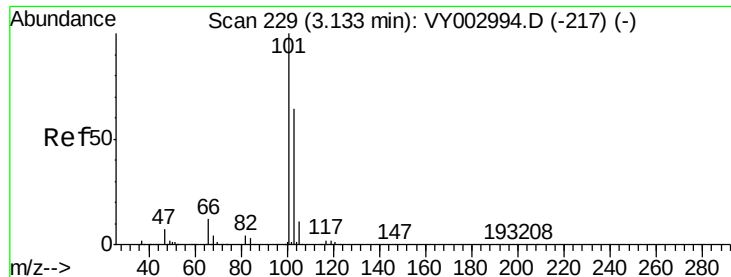
100000

50000

0

Time-->



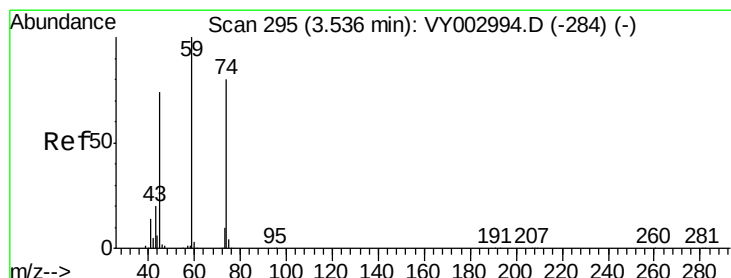
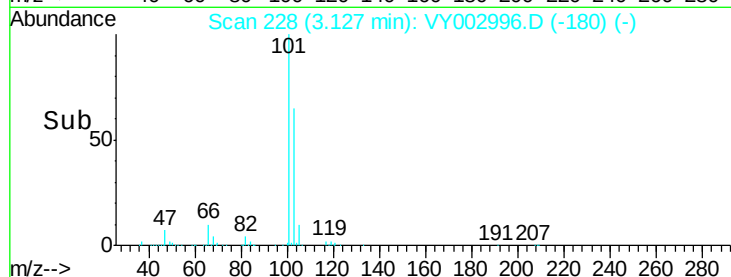
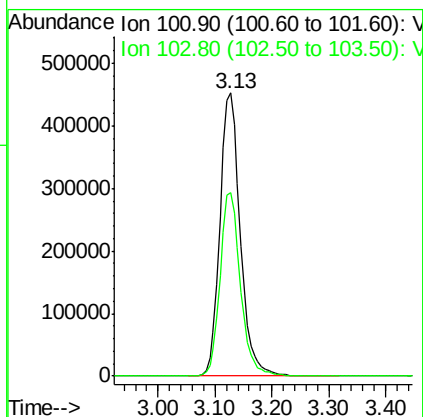
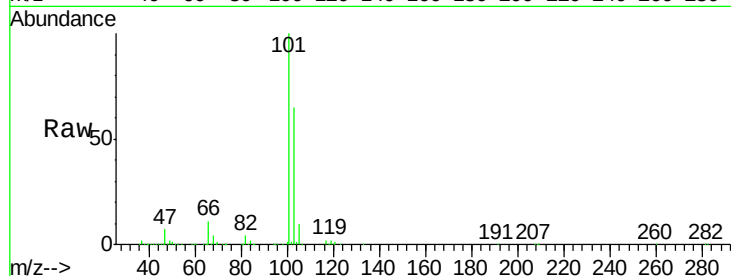


#7

Trichlorofluoromethane
 Concen: 151.561 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002996.D
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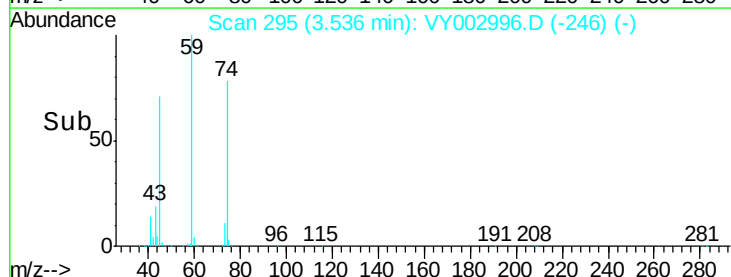
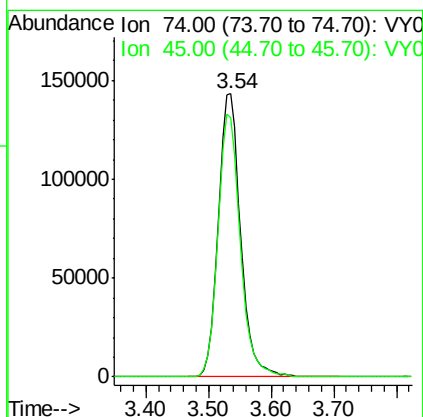
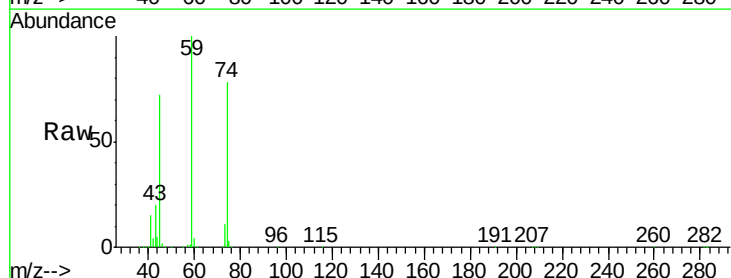
Tgt Ion: 101 Resp: 1122089
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.3 76.9

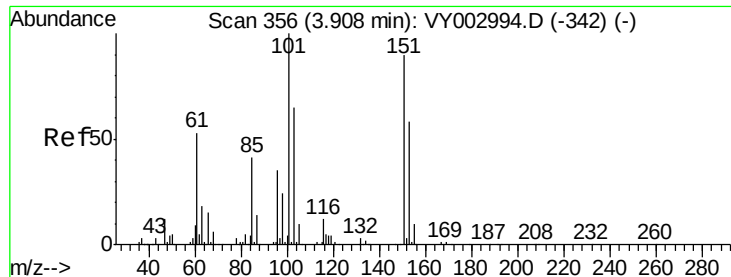


#8

Diethyl Ether
 Concen: 157.983 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion: 74 Resp: 352137
 Ion Ratio Lower Upper
 74 100
 45 92.9 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.473 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

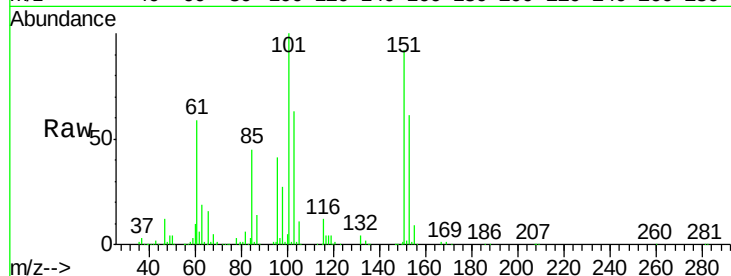
Tgt Ion:101 Resp: 565919

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.4

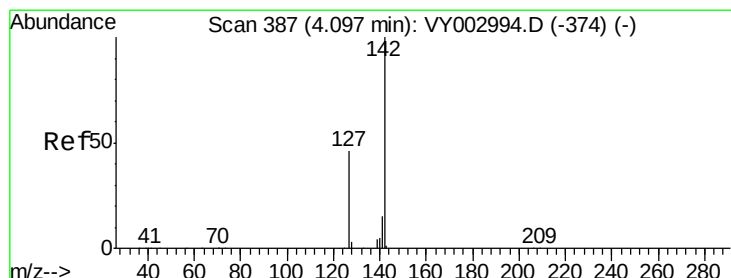
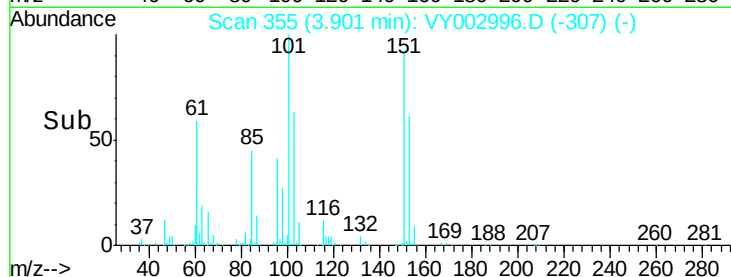
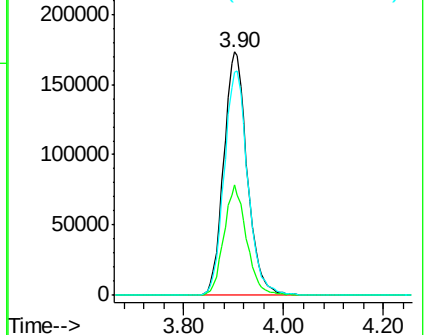
151 92.9 72.2 108.4



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: 152.527 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

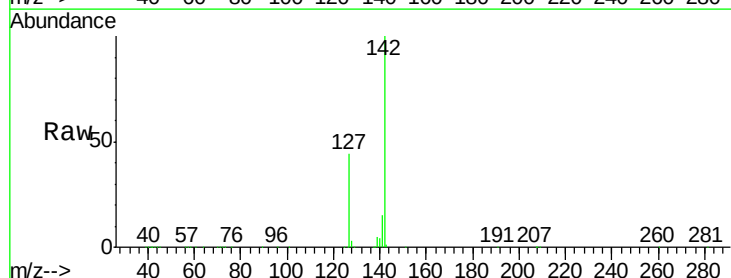
Tgt Ion:142 Resp: 824551

Ion Ratio Lower Upper

142 100

127 44.5 35.8 53.8

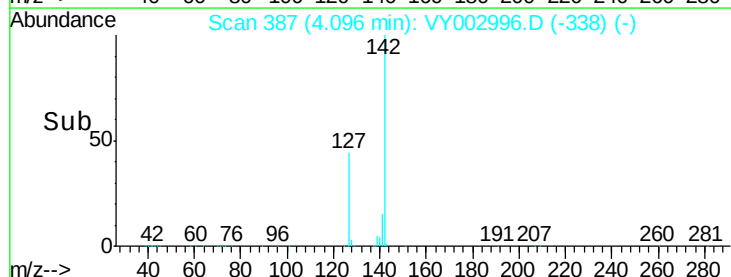
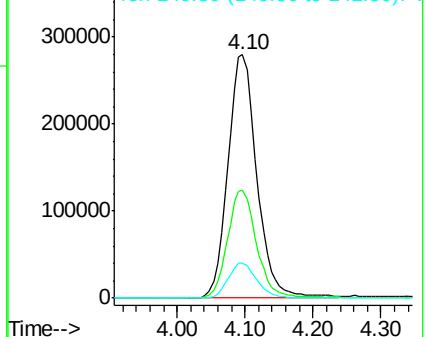
141 14.3 11.7 17.5

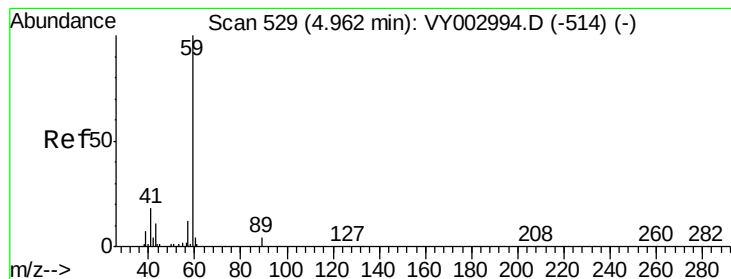


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



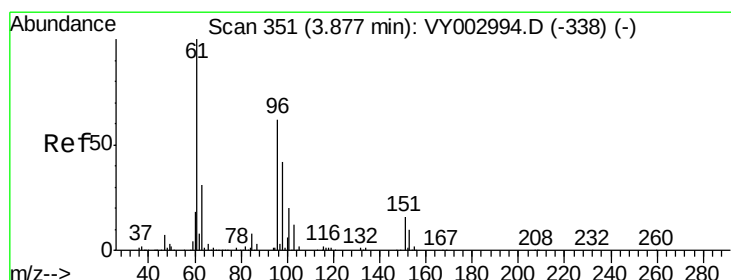
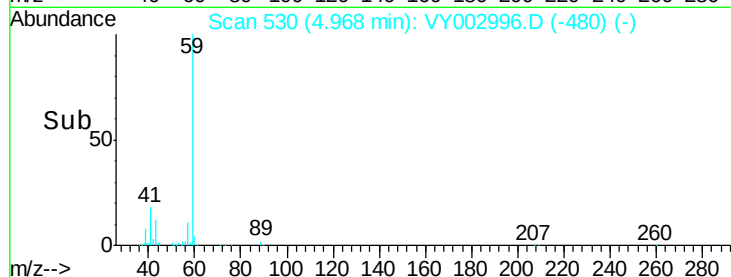
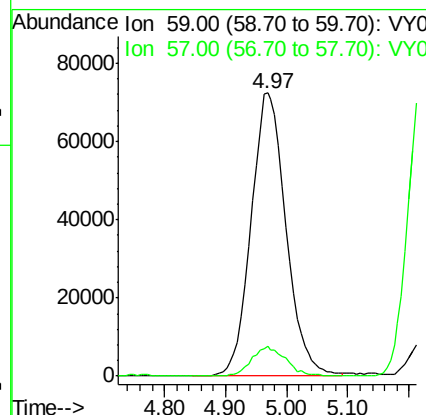
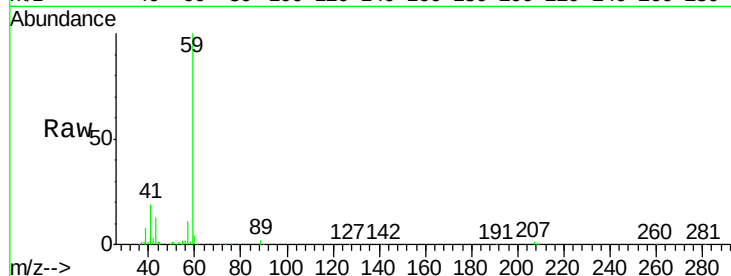


#11

Tert butyl alcohol
 Concen: 717.826 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

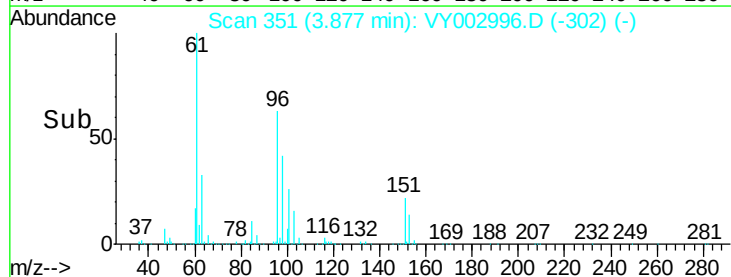
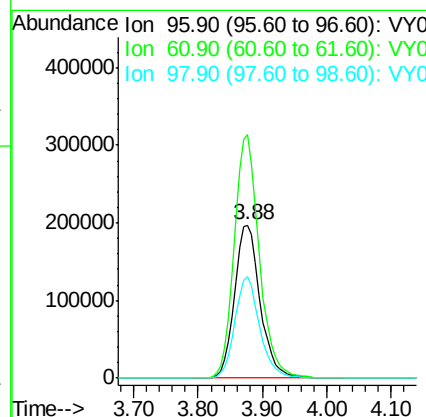
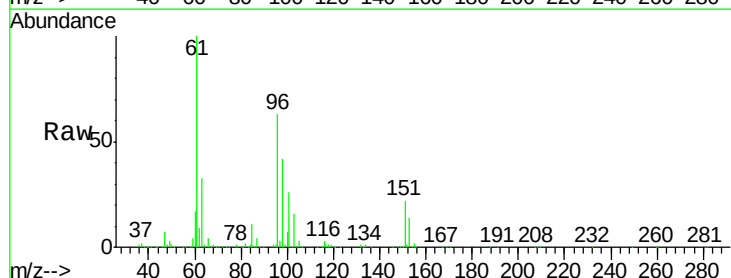
Tgt Ion: 59 Resp: 288748
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

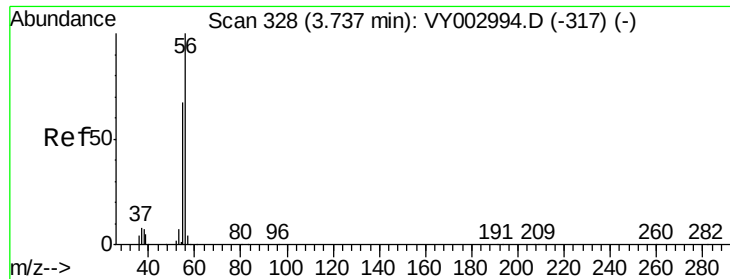


#12

1,1-Dichloroethene
 Concen: 145.067 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion: 96 Resp: 549736
 Ion Ratio Lower Upper
 96 100
 61 158.9 128.1 192.1
 98 66.3 53.5 80.3





#13

Acrolein

Concen: 752.471 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

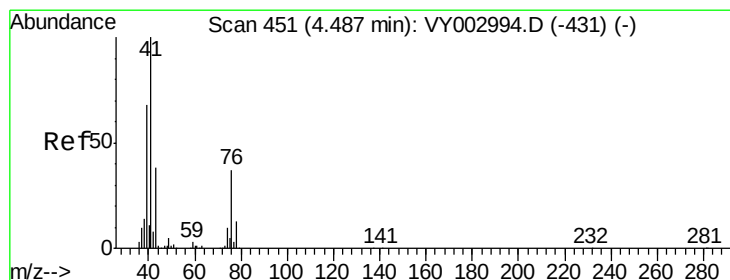
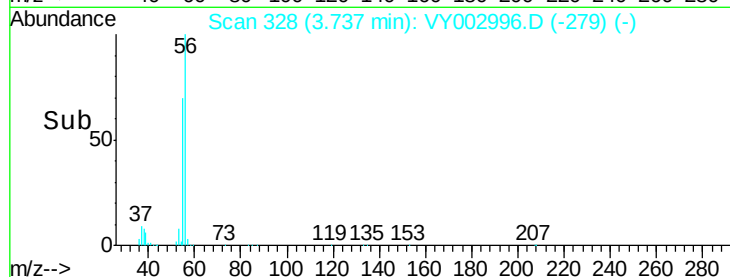
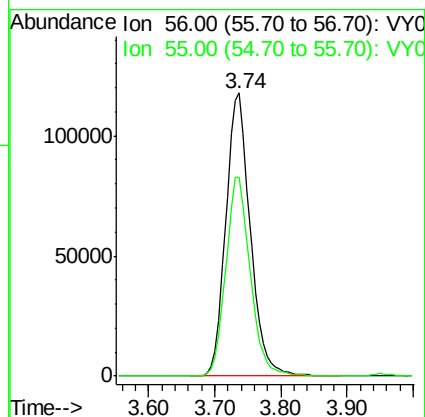
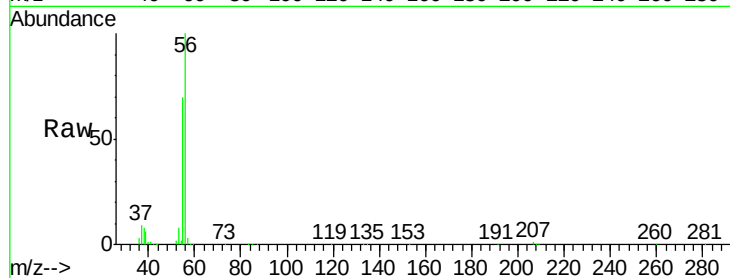
VSTDIC150

Tgt Ion: 56 Resp: 302419

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 140.629 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

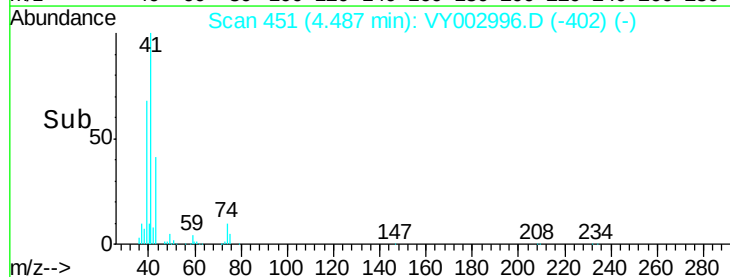
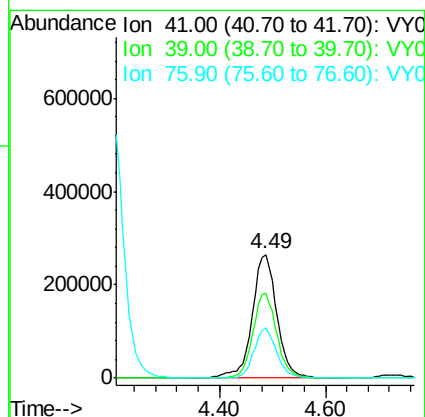
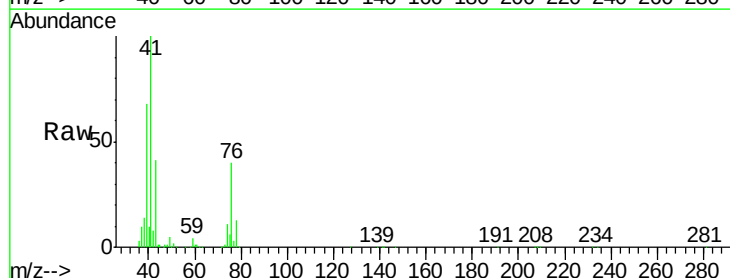
Tgt Ion: 41 Resp: 845325

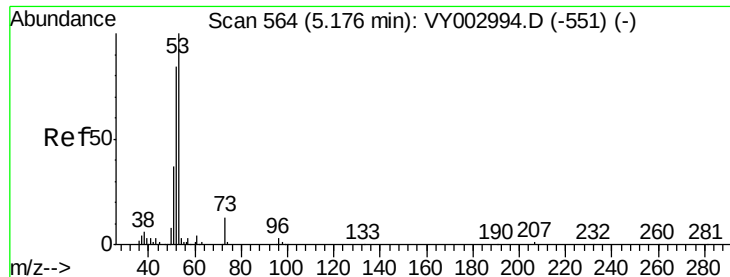
Ion Ratio Lower Upper

41 100

39 66.1 53.1 79.7

76 37.2 30.0 45.0





#15

Acrylonitrile

Concen: 745.522 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

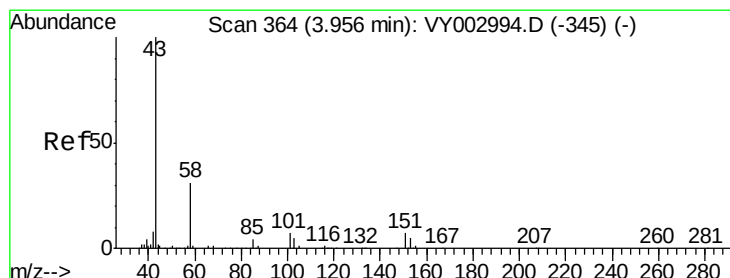
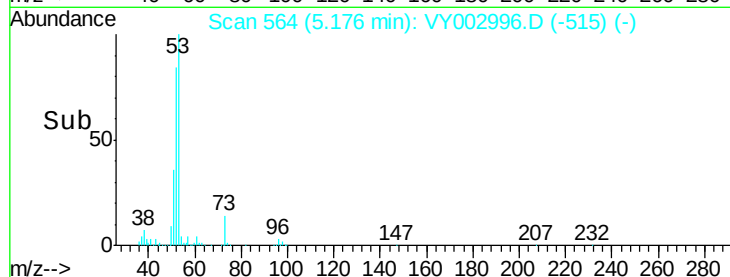
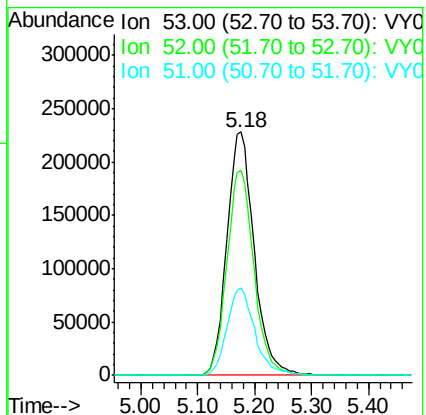
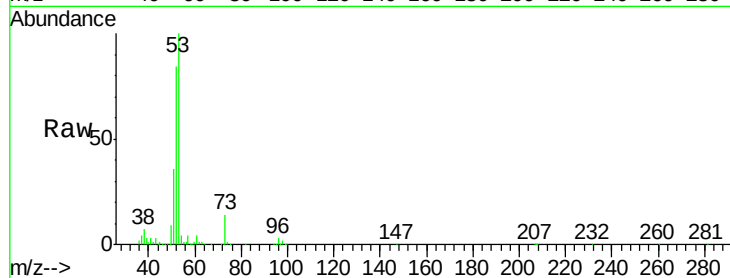
Tgt Ion: 53 Resp: 763198

Ion Ratio Lower Upper

53 100

52 83.2 68.0 102.0

51 36.5 29.8 44.8



#16

Acetone

Concen: 775.069 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002996.D

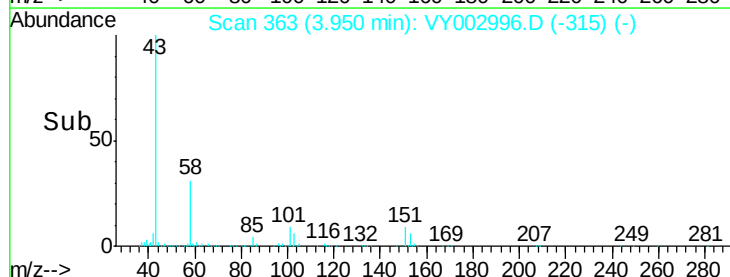
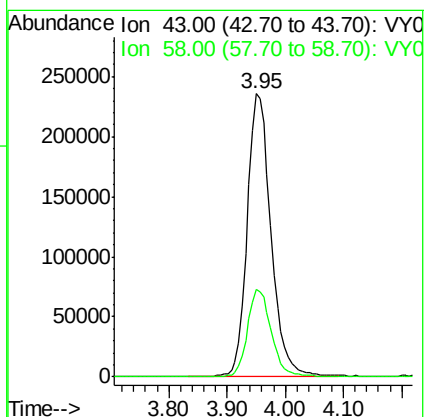
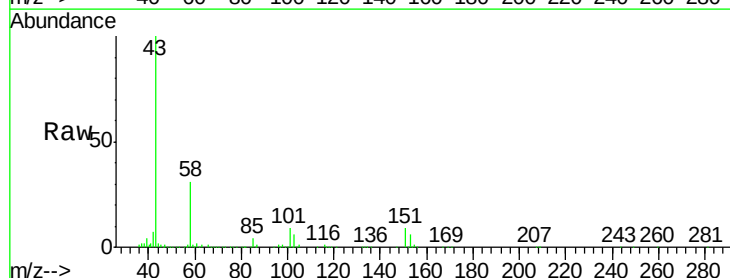
Acq: 25 Jun 2020 13:20

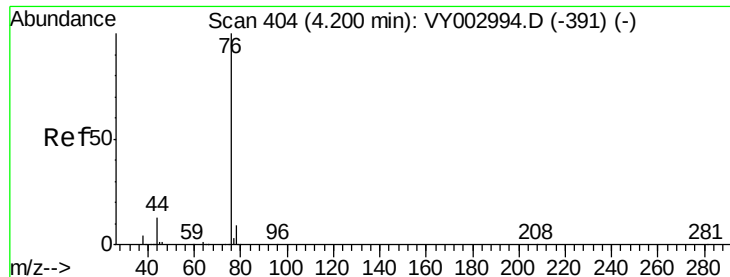
Tgt Ion: 43 Resp: 668711

Ion Ratio Lower Upper

43 100

58 30.7 24.4 36.6

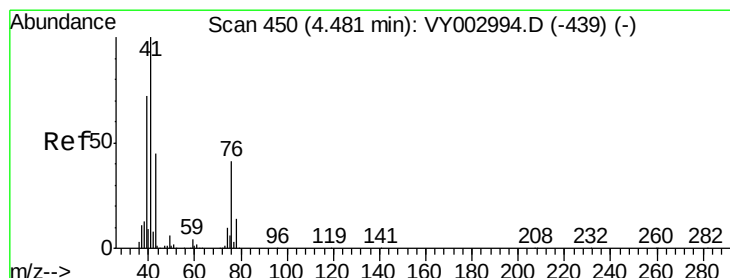
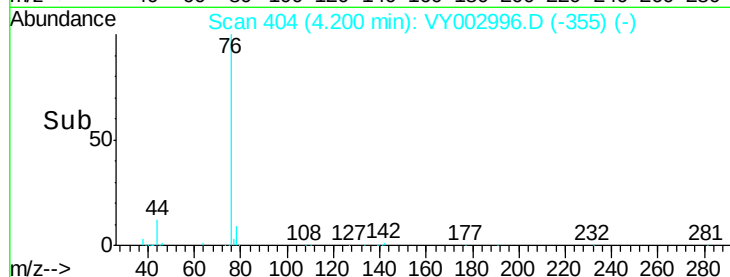
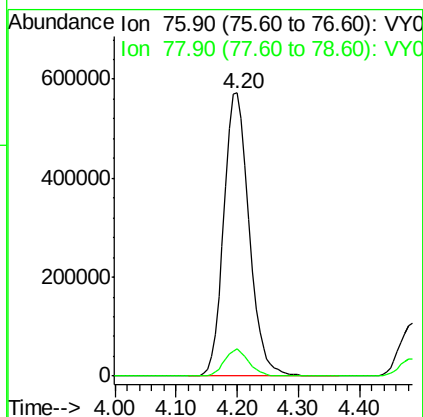
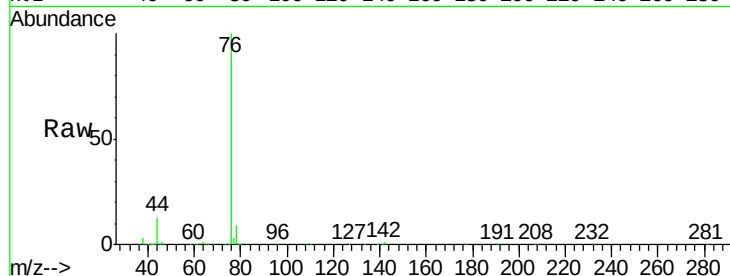




#17
Carbon Disulfide
Concen: 140.894 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

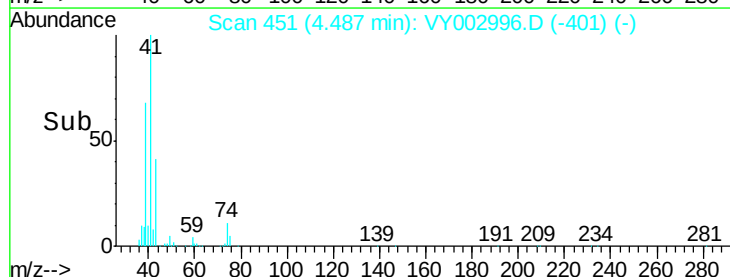
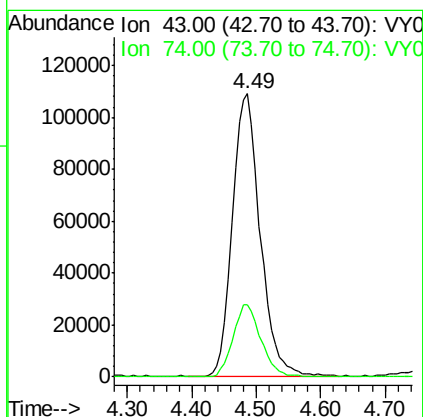
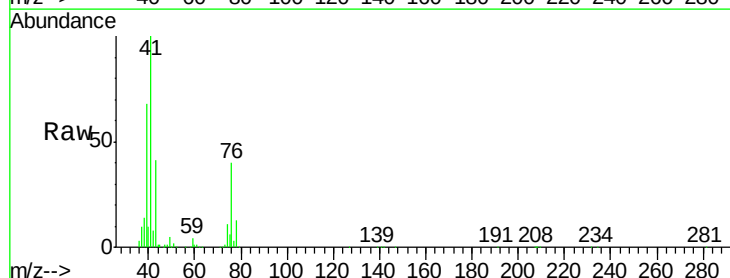
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

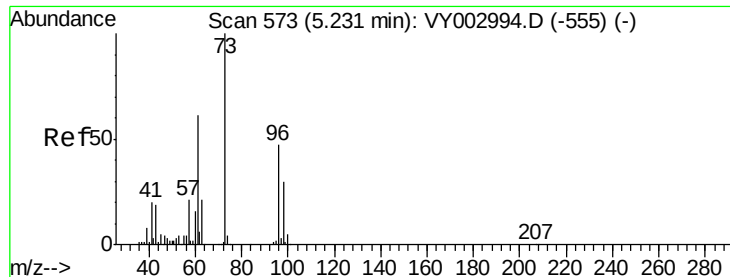
Tgt Ion: 76 Resp: 1637535
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 144.372 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 43 Resp: 326728
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6

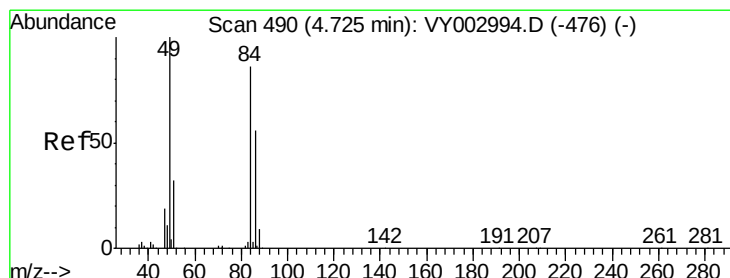
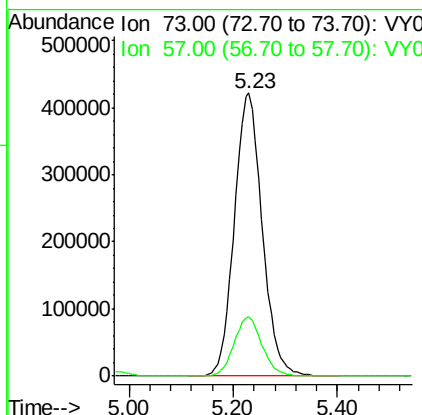
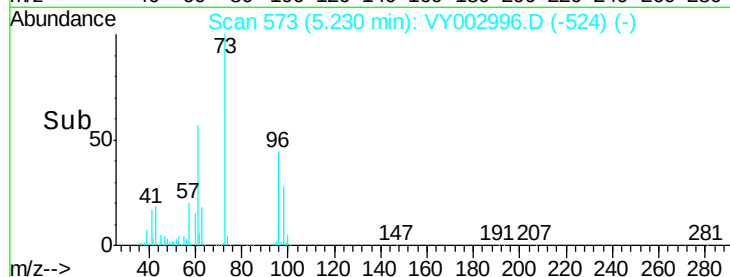
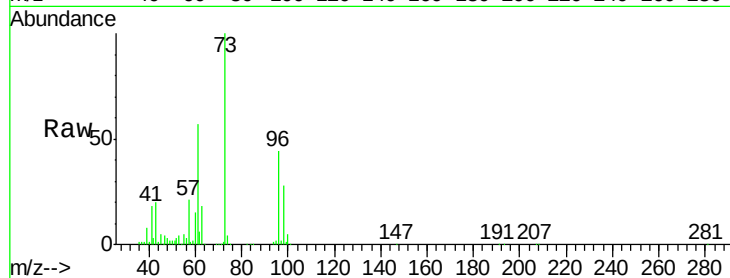




#19
Methyl tert-butyl Ether
Concen: 146.511 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

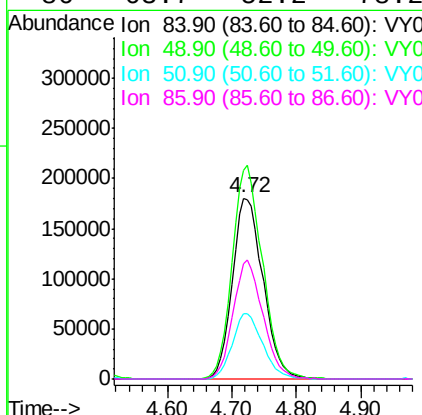
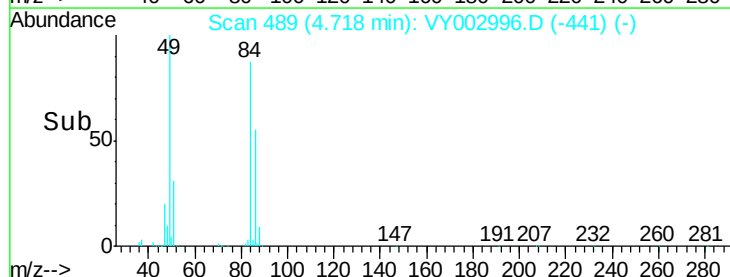
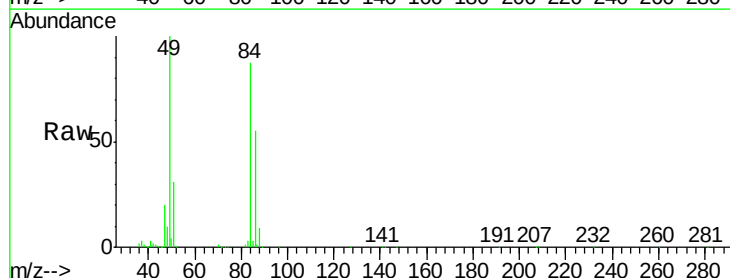
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

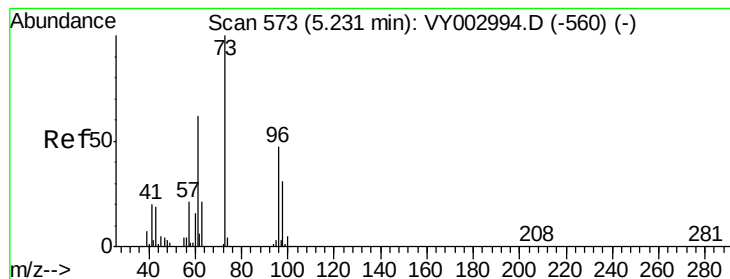
Tgt Ion: 73 Resp: 1556923
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.4



#20
Methylene Chloride
Concen: 118.476 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 84 Resp: 597605
Ion Ratio Lower Upper
84 100
49 115.4 92.6 138.8
51 35.9 29.8 44.8
86 63.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 141.090 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

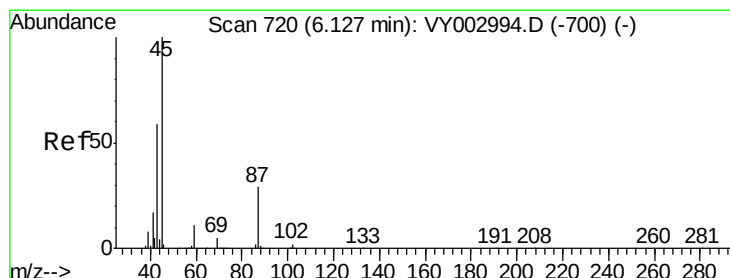
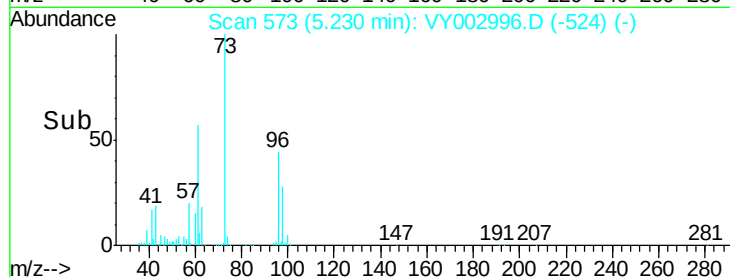
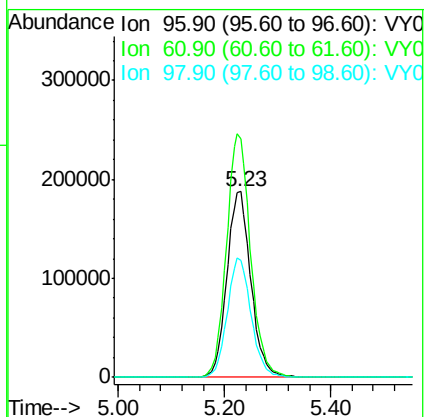
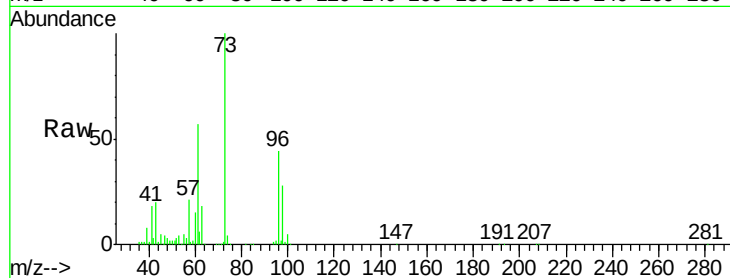
Tgt Ion: 96 Resp: 592120

Ion Ratio Lower Upper

96 100

61 128.7 104.0 156.0

98 63.1 51.6 77.4



#22

Diisopropyl ether

Concen: 154.072 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion: 45 Resp: 1864731

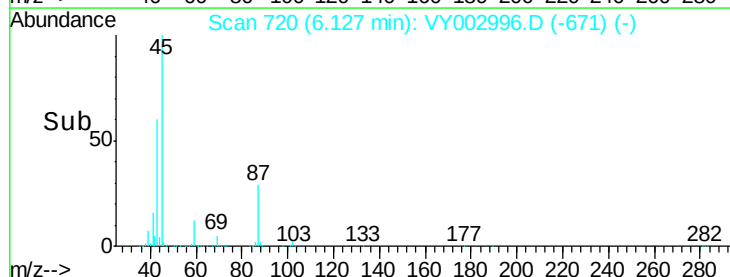
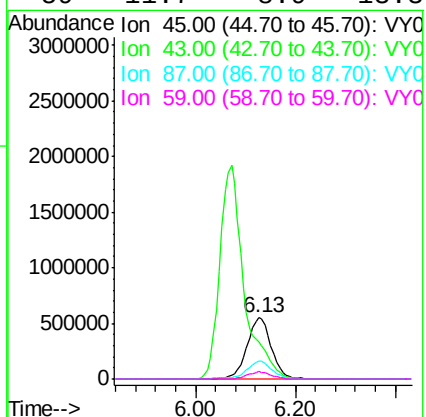
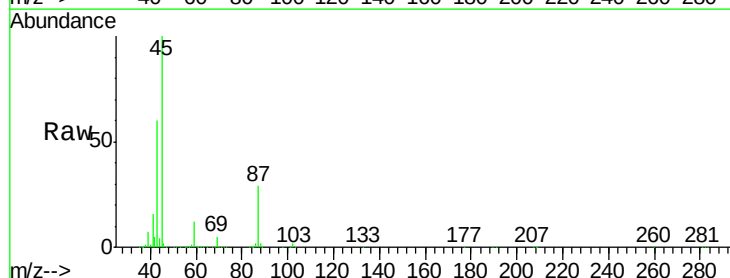
Ion Ratio Lower Upper

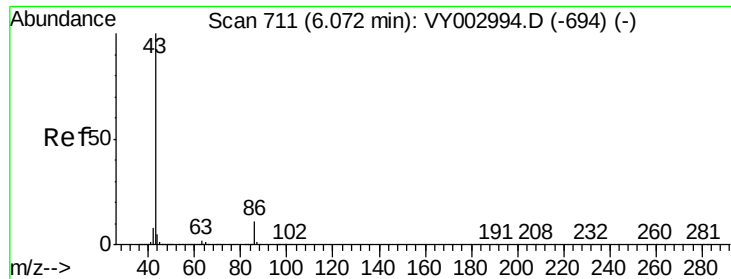
45 100

43 60.0 47.5 71.3

87 28.8 23.3 34.9

59 11.7 8.9 13.3

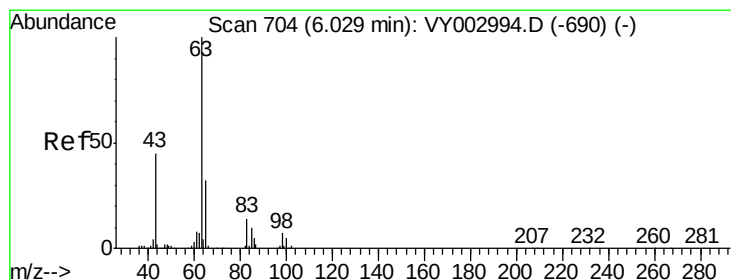
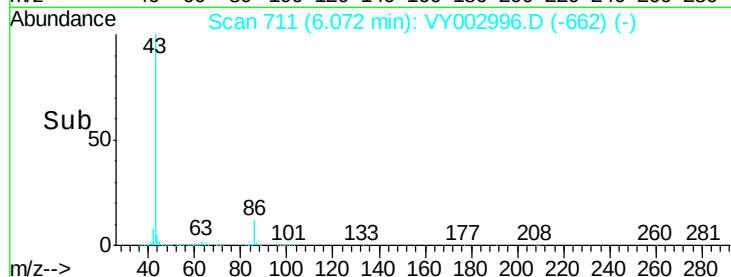
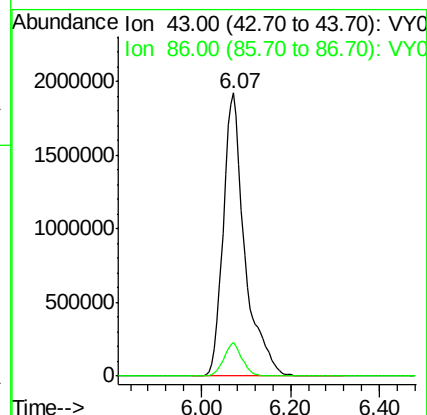
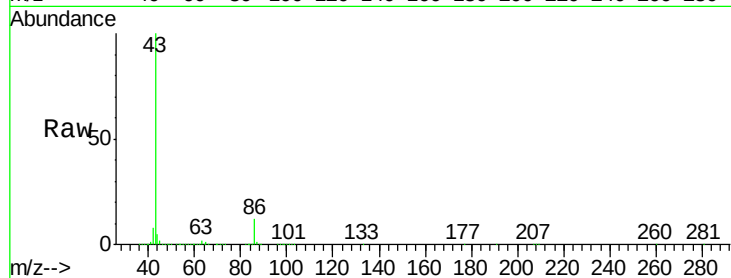




#23
 Vinyl Acetate
 Concen: 790.350 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

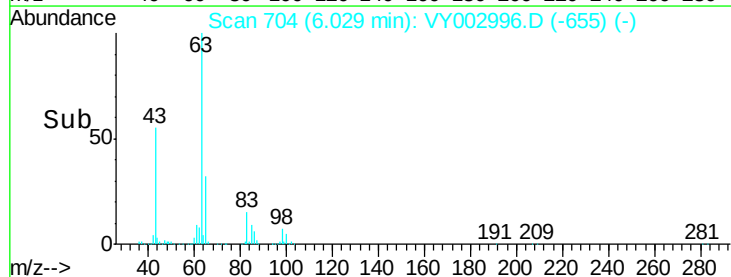
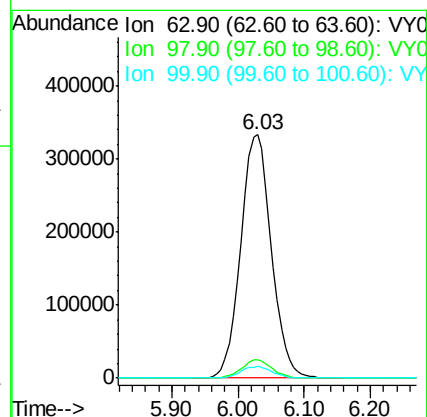
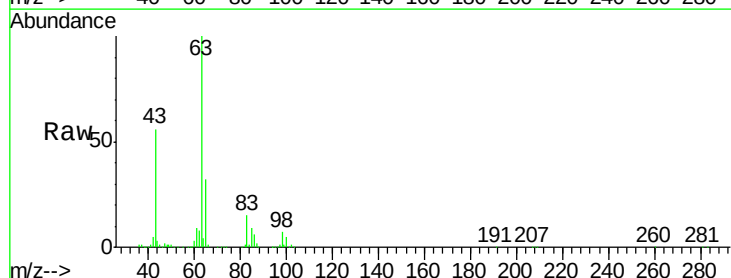
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

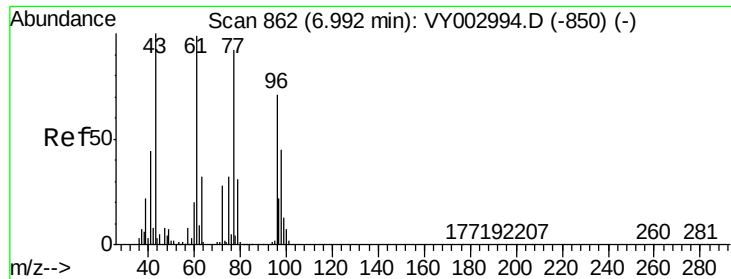
Tgt Ion: 43 Resp: 6468075
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 153.852 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion: 63 Resp: 1071276
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 796.254 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

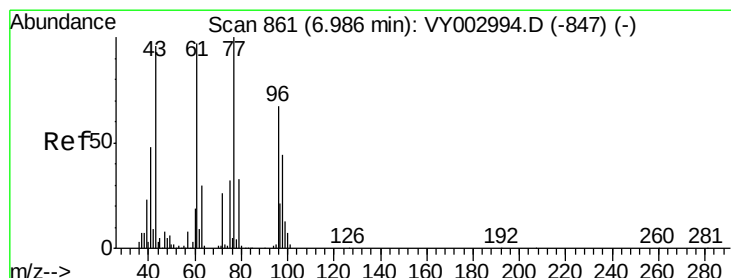
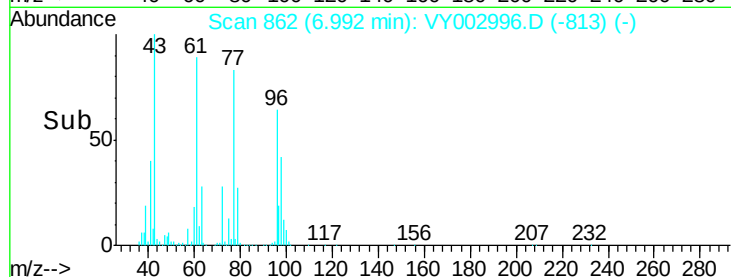
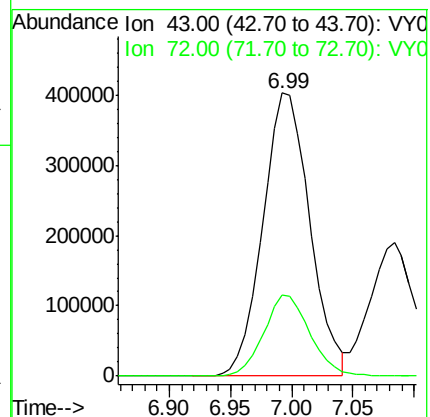
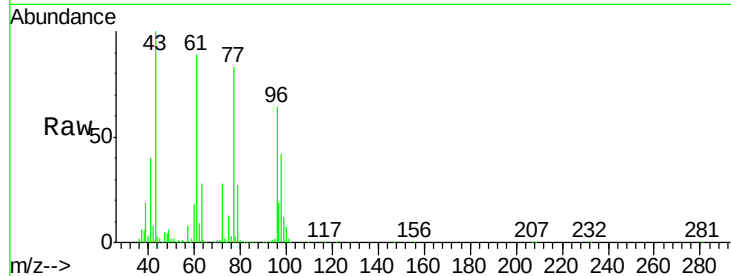
VSTDIC150

Tgt Ion: 43 Resp: 1076222

Ion Ratio Lower Upper

43 100

72 28.5 22.3 33.5



#26

2,2-Dichloropropane

Concen: 146.150 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY002996.D

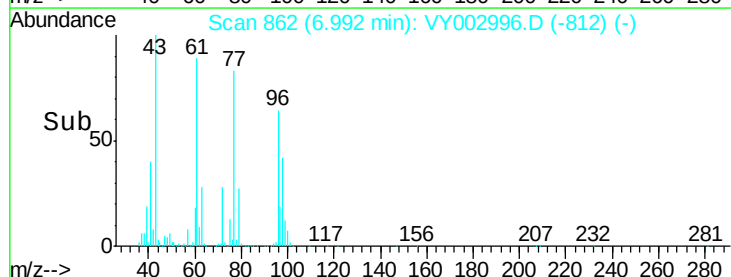
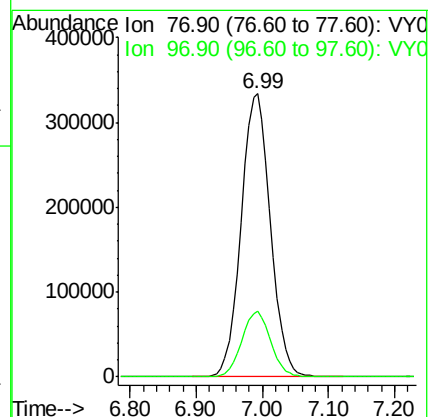
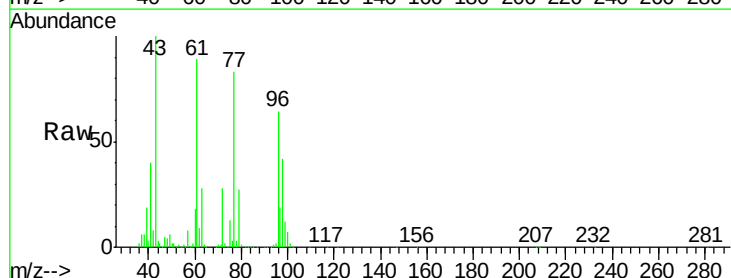
Acq: 25 Jun 2020 13:20

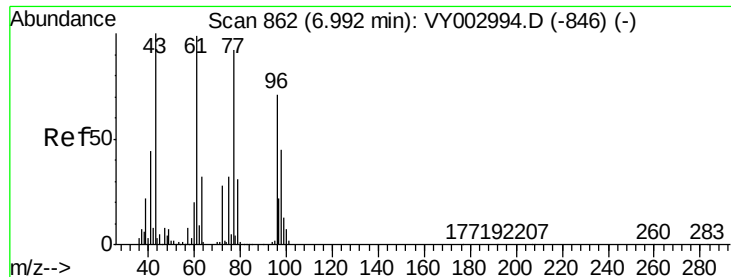
Tgt Ion: 77 Resp: 1023997

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.3



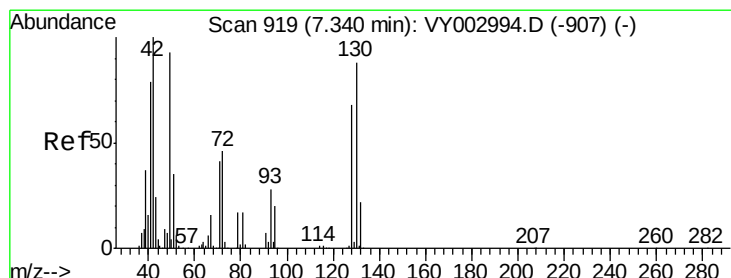
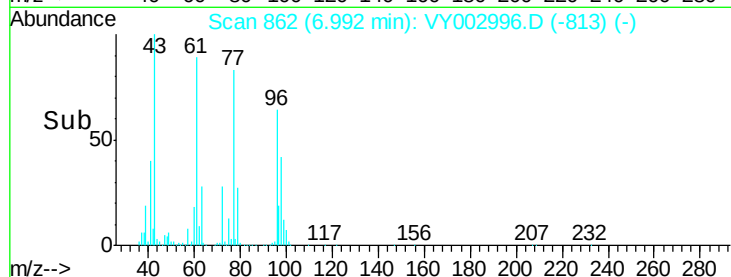
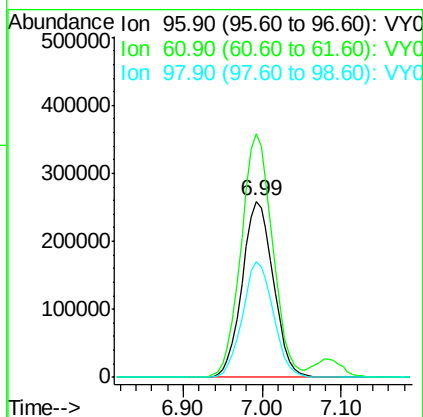
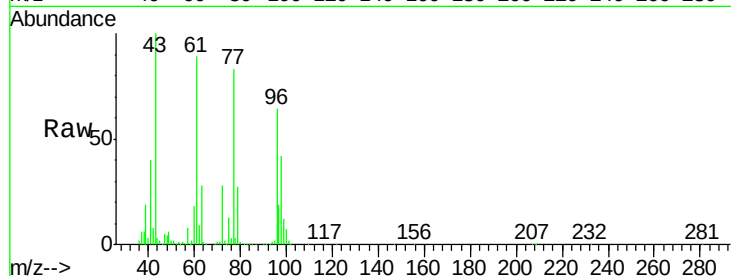


#27

cis-1,2-Dichloroethene
 Concen: 152.187 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

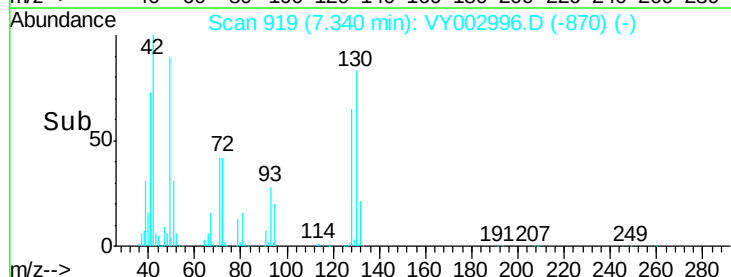
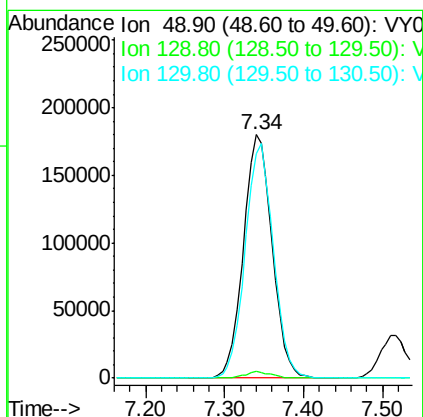
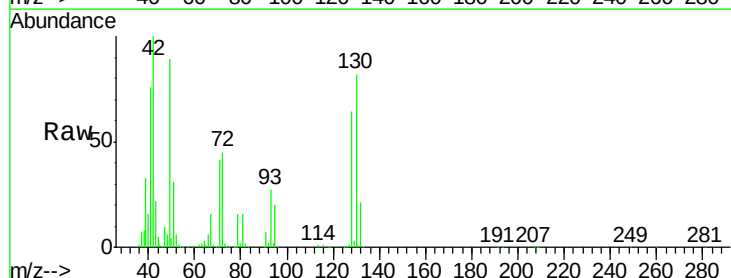
Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	279.0
98	65.0	0.0	128.2

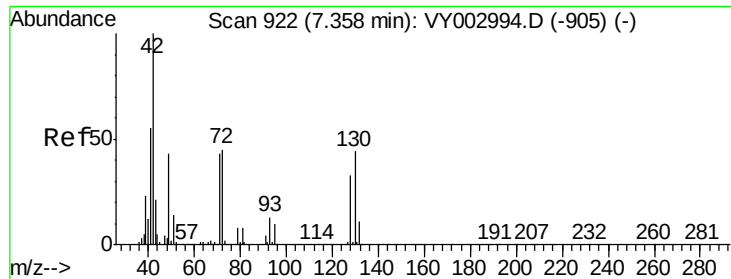


#28

Bromochloromethane
 Concen: 164.910 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.6	73.8	110.8





#29

Tetrahydrofuran

Concen: 804.384 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

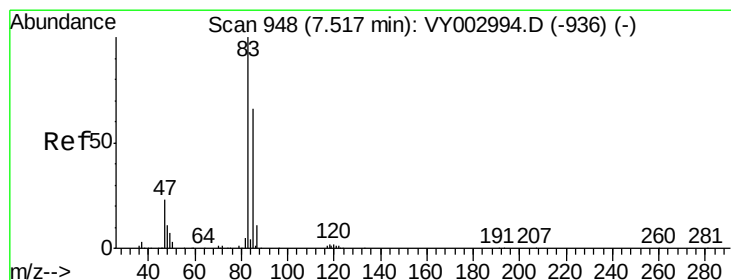
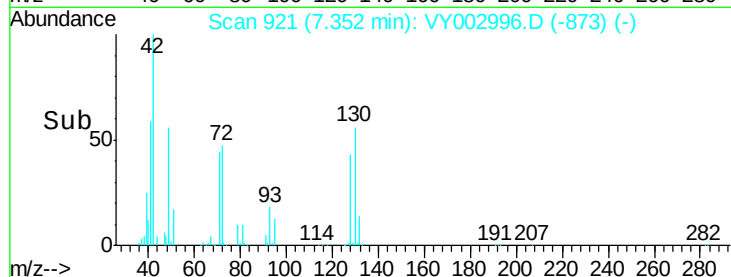
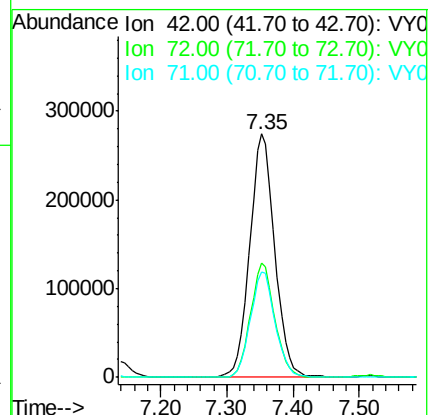
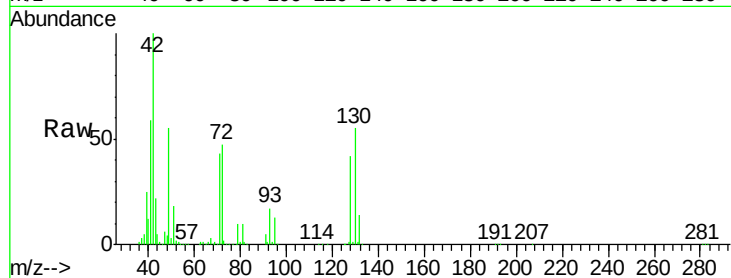
Tgt Ion: 42 Resp: 719840

Ion Ratio Lower Upper

42 100

72 45.4 36.2 54.4

71 43.0 34.2 51.2



#30

Chloroform

Concen: 142.227 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002996.D

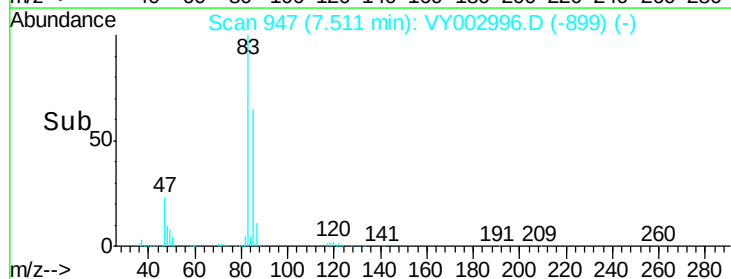
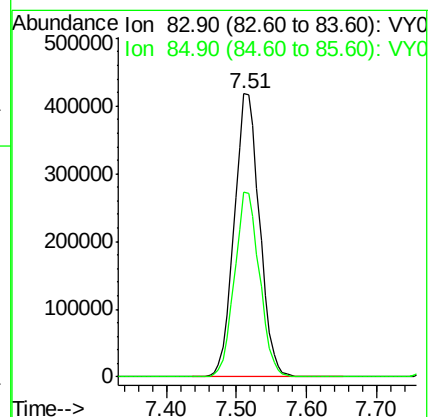
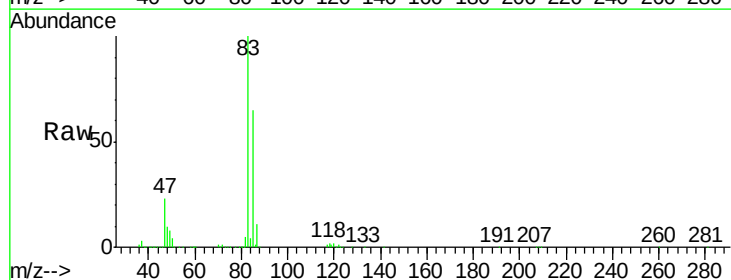
Acq: 25 Jun 2020 13:20

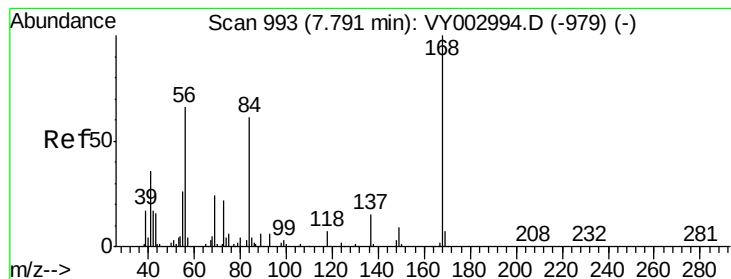
Tgt Ion: 83 Resp: 1049326

Ion Ratio Lower Upper

83 100

85 65.2 52.6 78.8





#31

Cyclohexane

Concen: 123.481 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

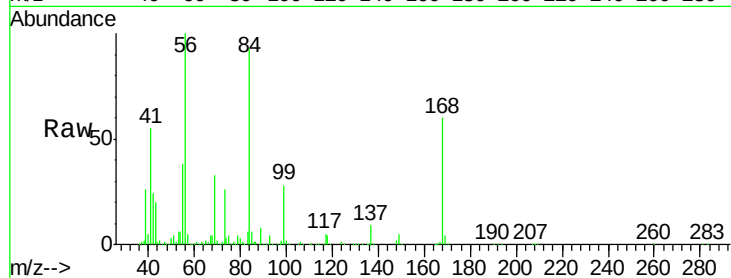
Tgt Ion: 56 Resp: 804294

Ion Ratio Lower Upper

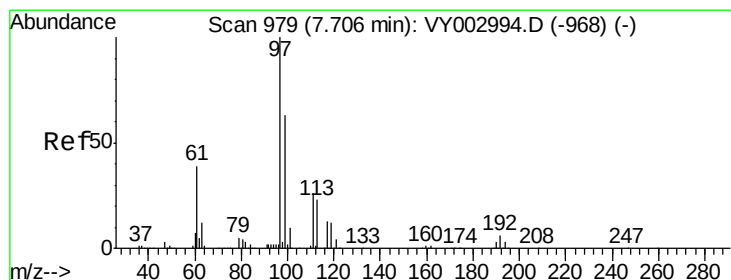
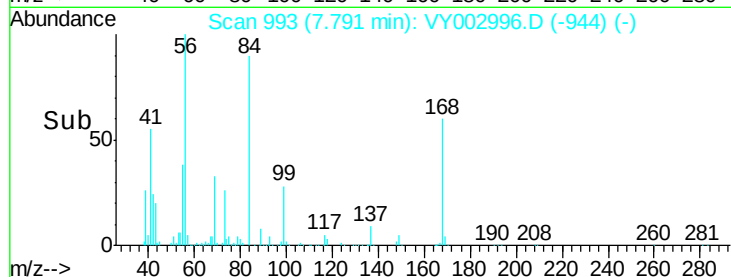
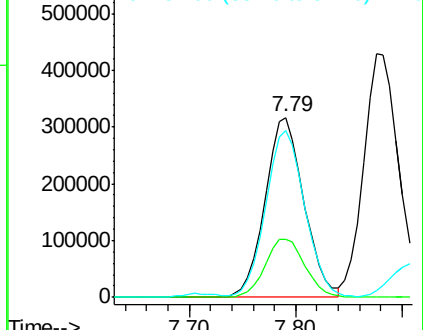
56 100

69 32.7 28.6 43.0

84 91.3 74.0 111.0



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: 136.863 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

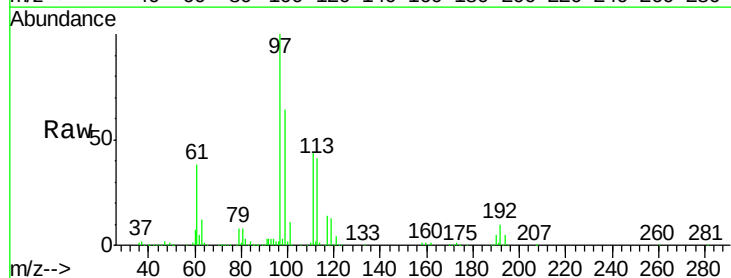
Tgt Ion: 97 Resp: 953680

Ion Ratio Lower Upper

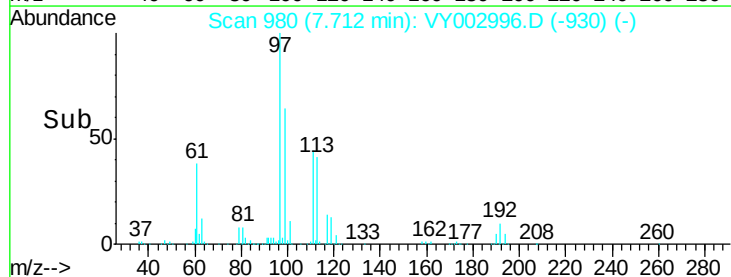
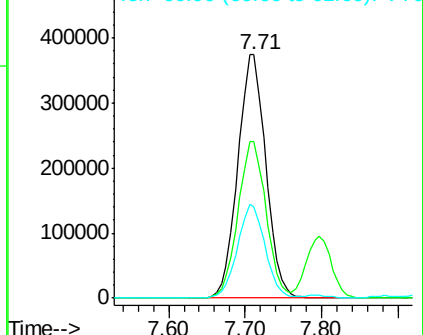
97 100

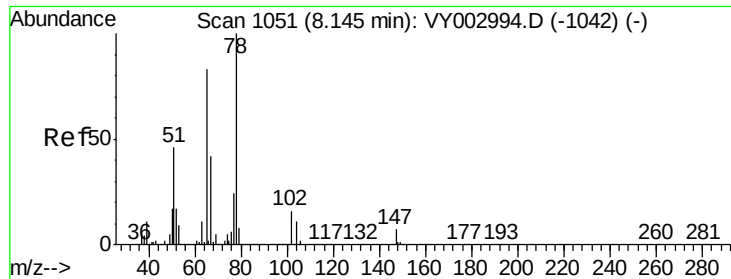
99 64.5 51.8 77.6

61 38.0 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

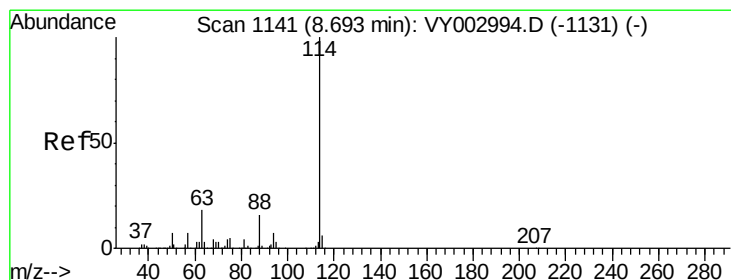
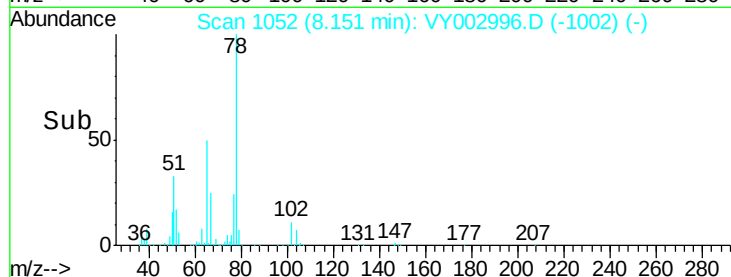
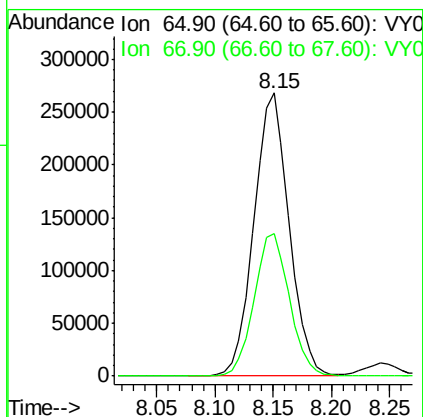
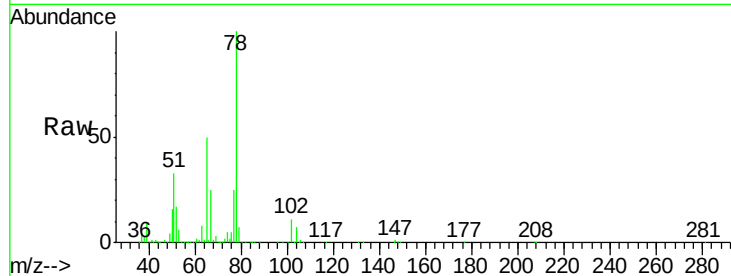




#33
 1,2-Dichloroethane-d4
 Concen: 140.141 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

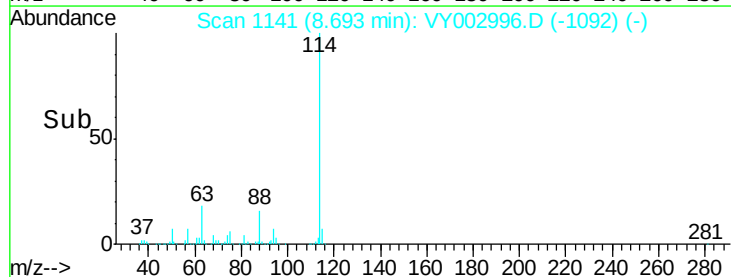
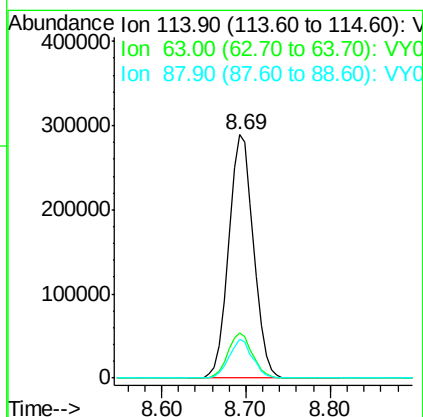
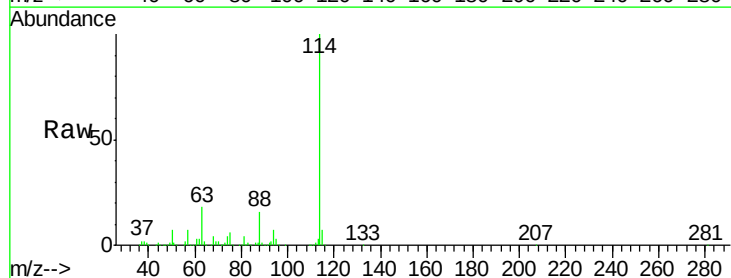
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

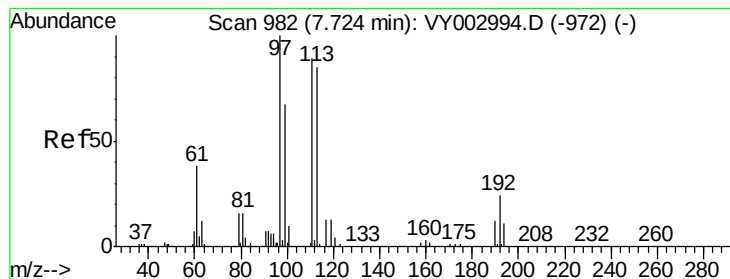
Tgt Ion: 65 Resp: 565041
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion: 114 Resp: 575653
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 147.096 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

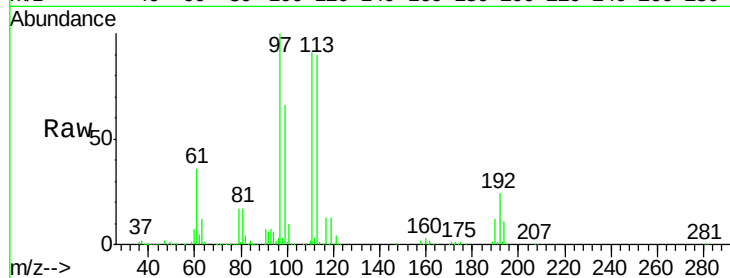
Tgt Ion: 113 Resp: 531173

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

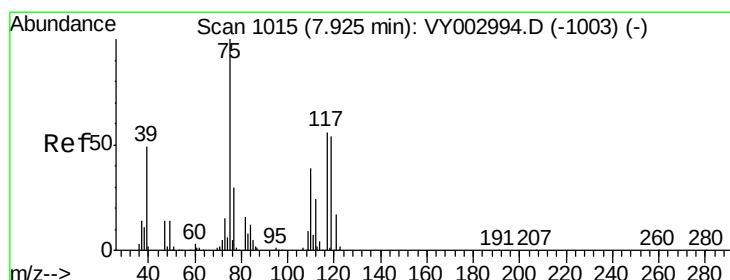
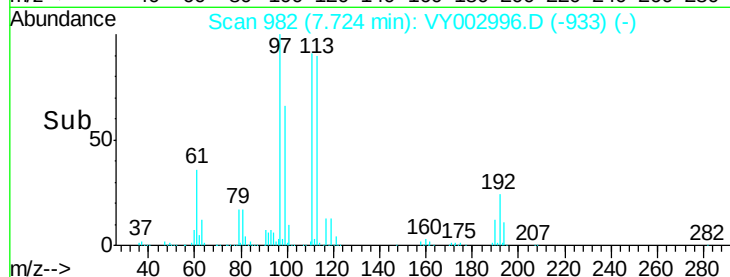
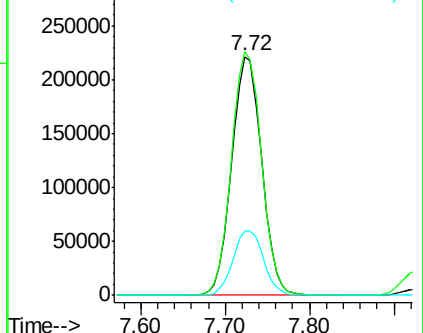
192 27.6 21.1 31.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 132.877 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

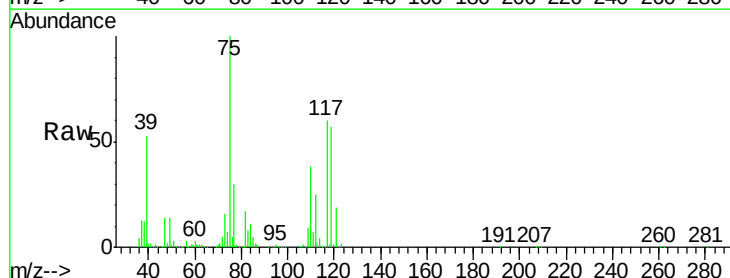
Tgt Ion: 75 Resp: 717649

Ion Ratio Lower Upper

75 100

110 38.4 18.9 56.9

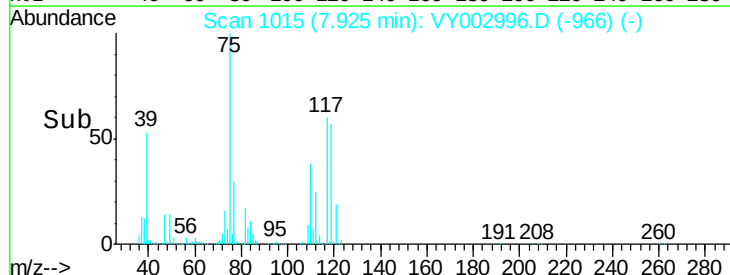
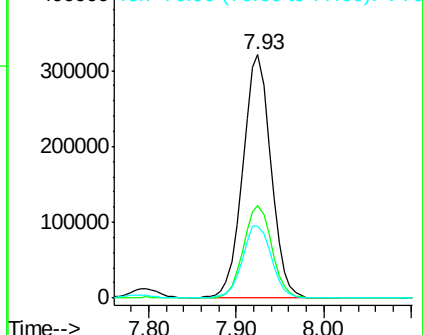
77 31.0 24.3 36.5

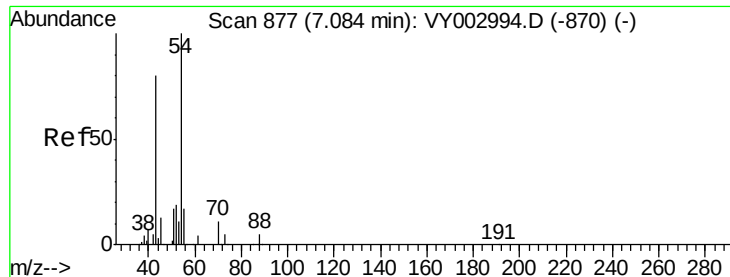


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 164.961 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

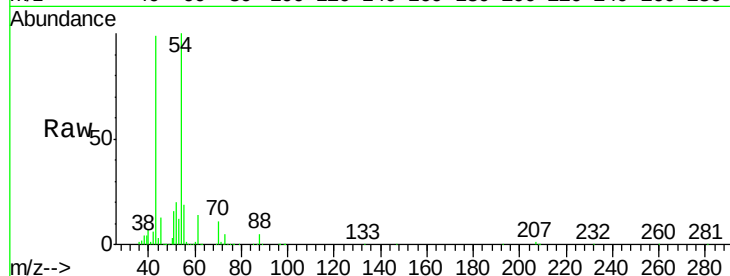
Tgt Ion: 43 Resp: 500132

Ion Ratio Lower Upper

43 100

61 13.6 10.9 16.3

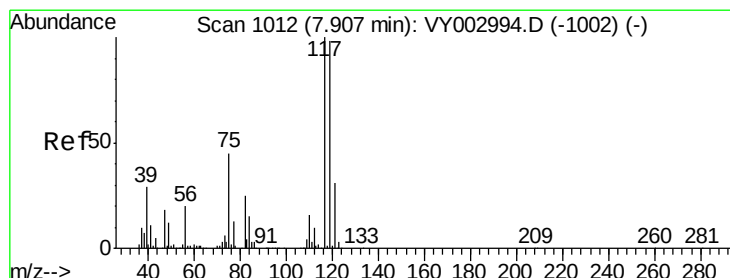
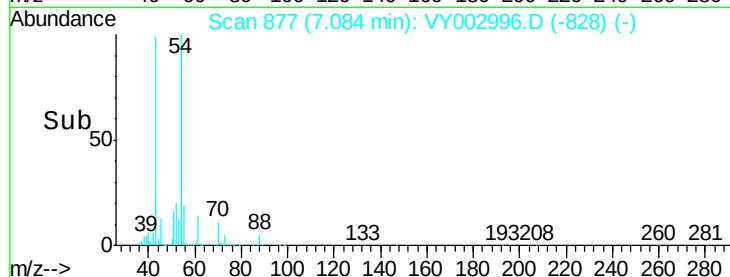
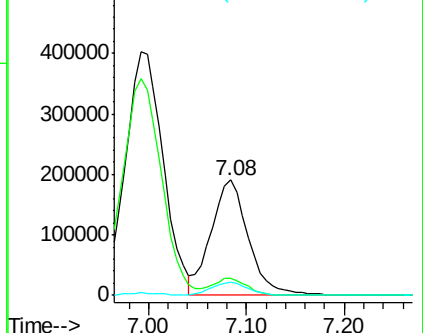
70 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY002996.D (-870) (-)

Ion 60.90 (60.60 to 61.60): VY002996.D (-870) (-)

Ion 70.00 (69.70 to 70.70): VY002996.D (-870) (-)



#38

Carbon Tetrachloride

Concen: 140.850 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

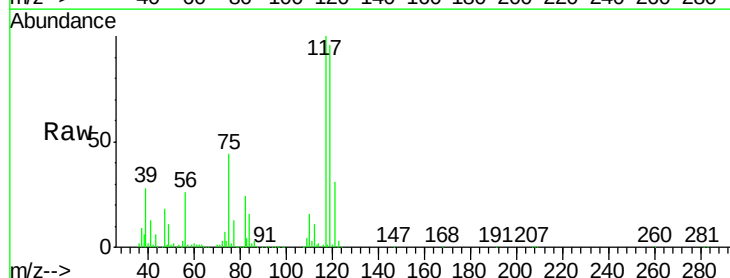
Tgt Ion: 117 Resp: 919146

Ion Ratio Lower Upper

117 100

119 95.7 78.2 117.4

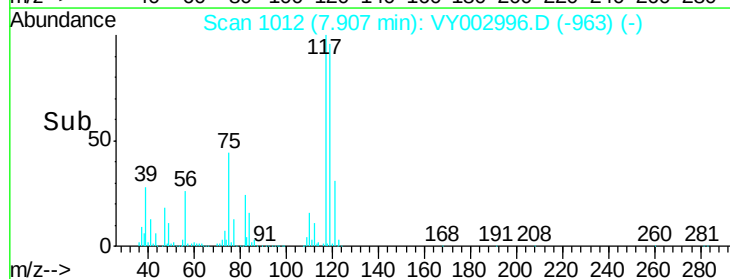
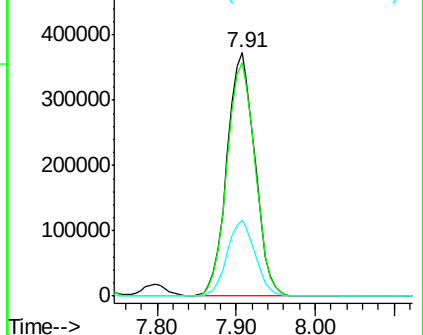
121 31.0 24.5 36.7

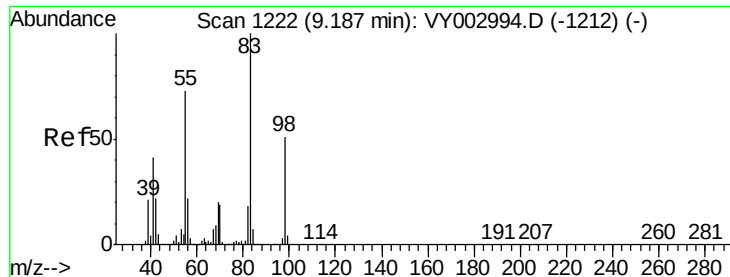


Abundance Ion 116.80 (116.50 to 117.50): VY002996.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY002996.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002996.D (-963) (-)

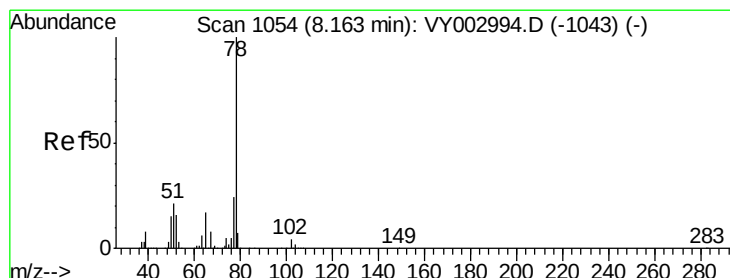
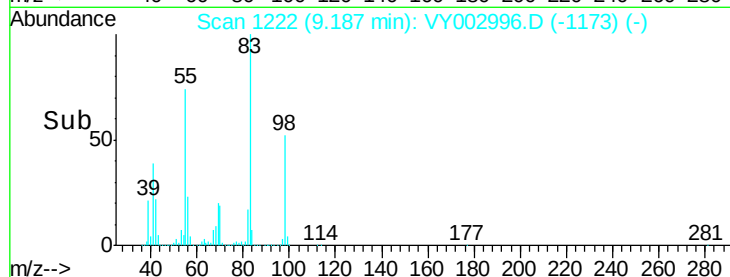
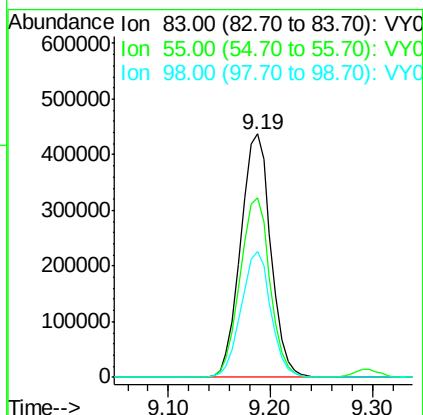
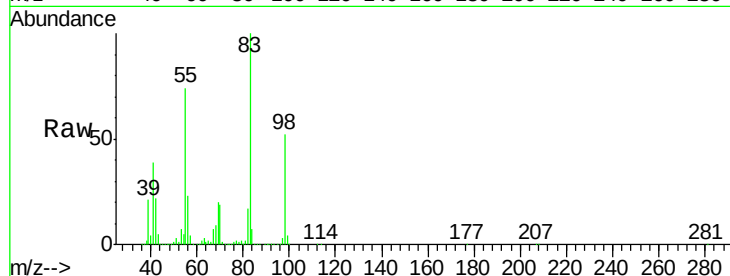




#39
Methylcyclohexane
Concen: 141.662 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

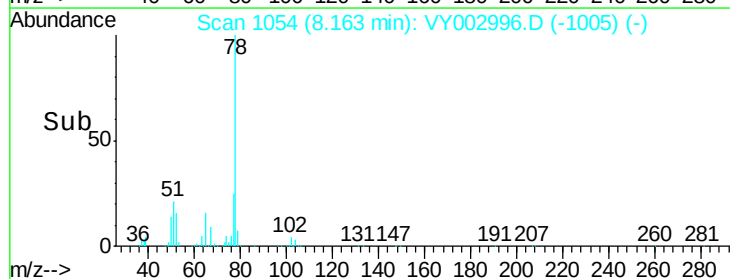
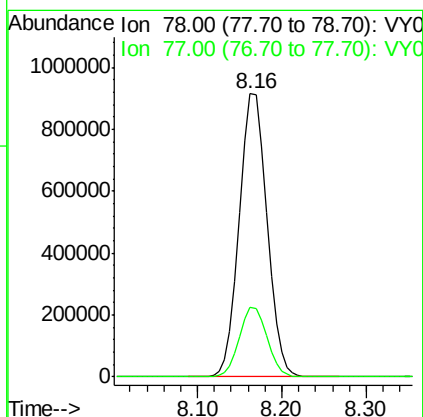
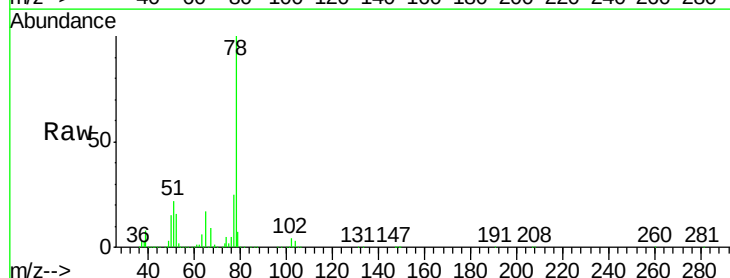
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

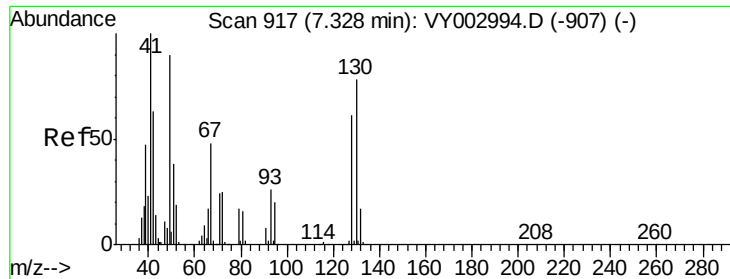
Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.8	58.6	87.8
98	51.7	41.0	61.6



#40
Benzene
Concen: 139.494 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8

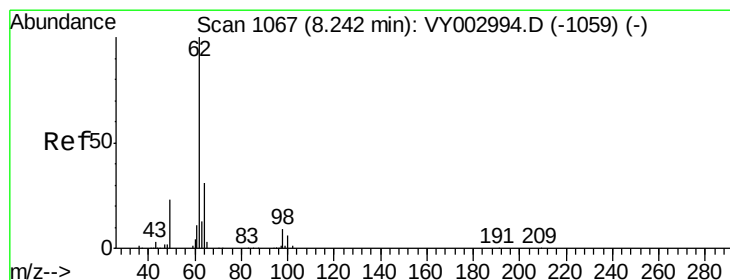
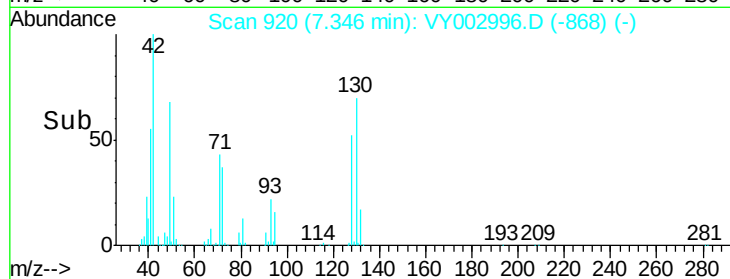
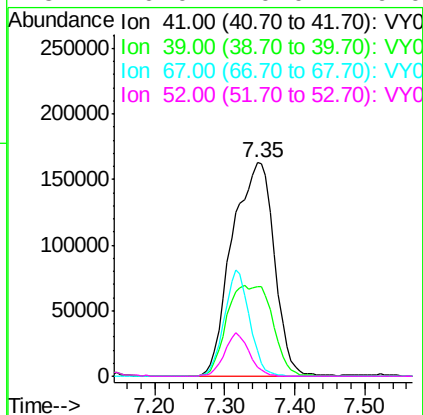
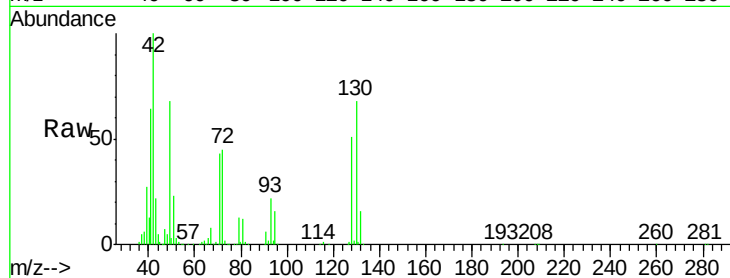




#41
Methacrylonitrile
Concen: 165.613 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

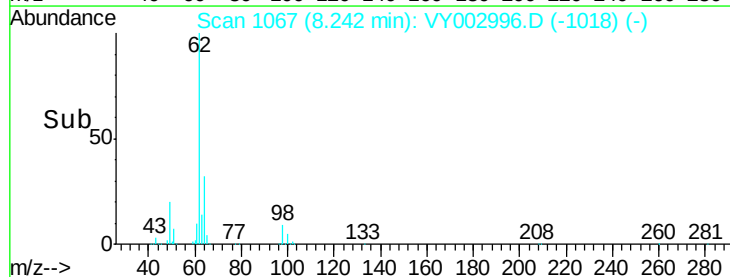
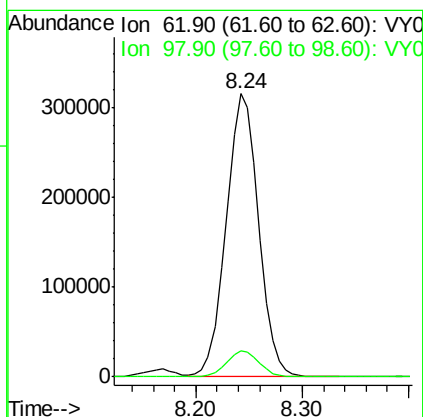
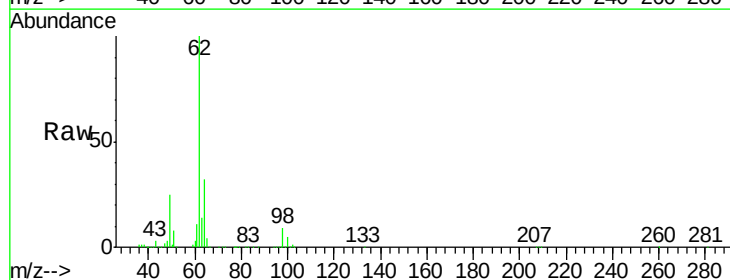
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

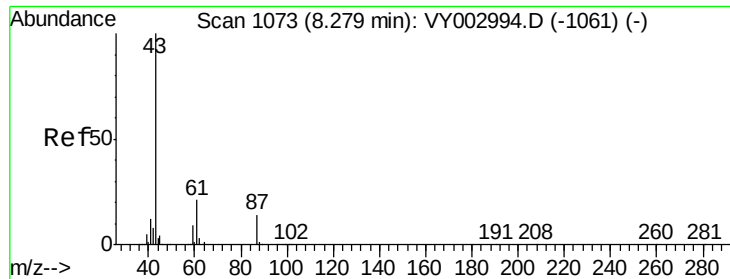
Tgt Ion:	41	Resp:	681046
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 143.043 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion:	62	Resp:	672501
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

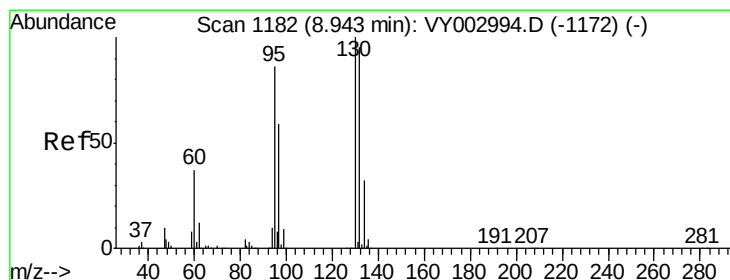
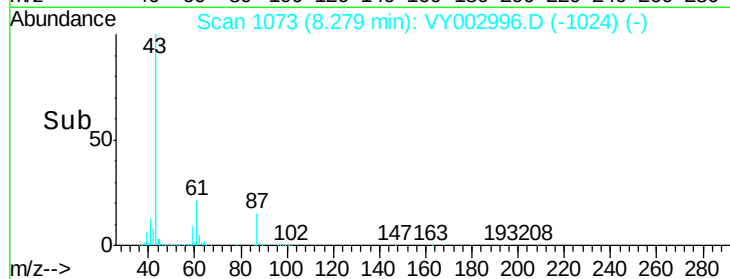
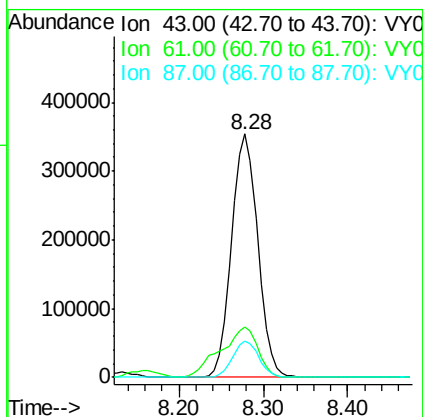
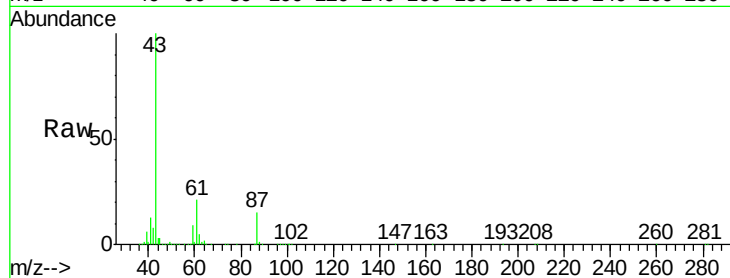




#43
Isopropyl Acetate
Concen: 139.524 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

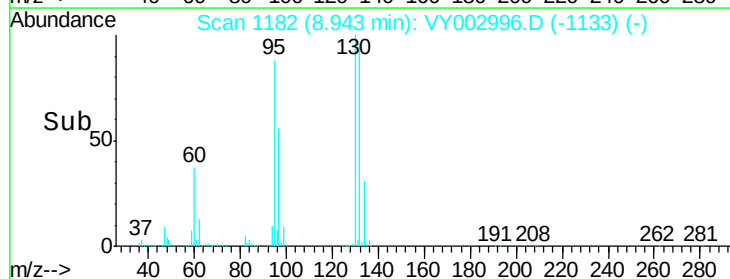
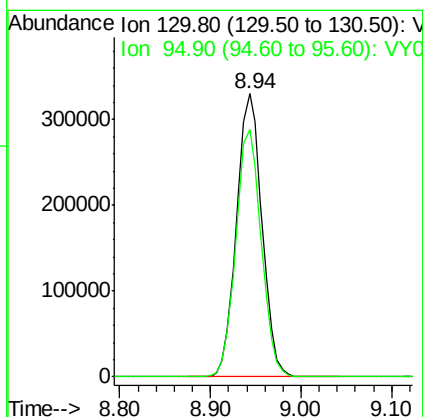
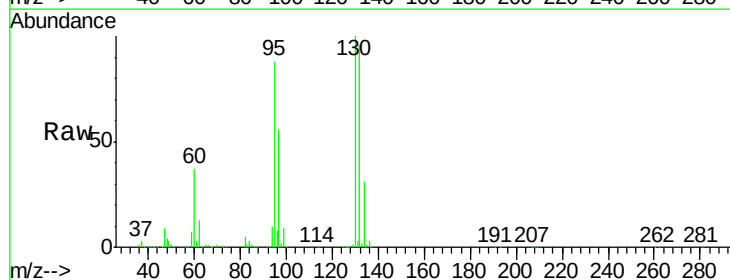
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

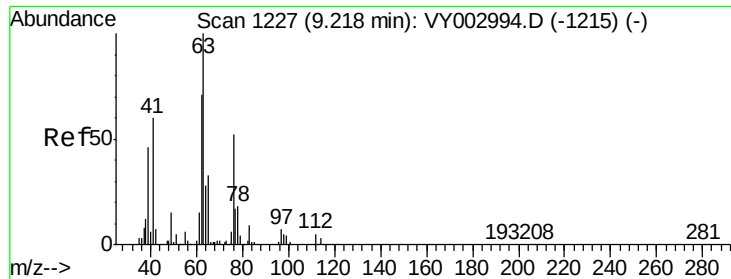
Tgt Ion: 43 Resp: 744469
Ion Ratio Lower Upper
43 100
61 29.7 23.2 34.8
87 14.6 11.4 17.2



#44
Trichloroethene
Concen: 140.851 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 130 Resp: 641816
Ion Ratio Lower Upper
130 100
95 87.6 0.0 171.4

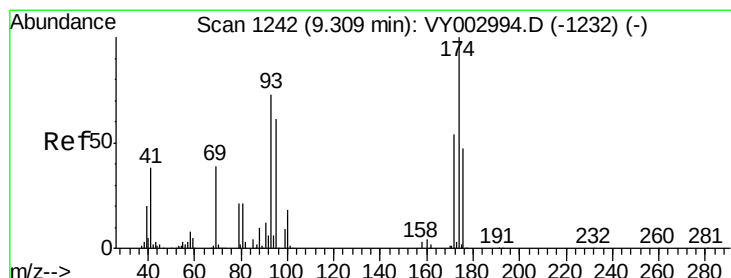
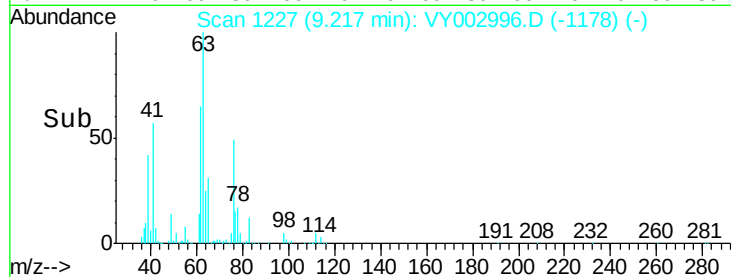
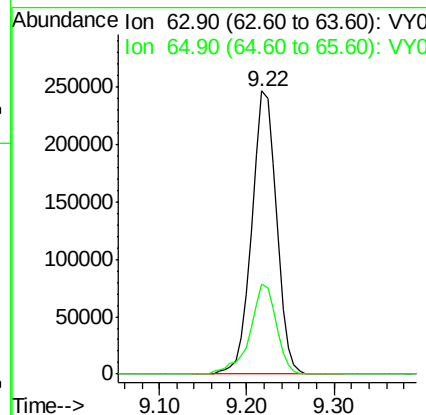
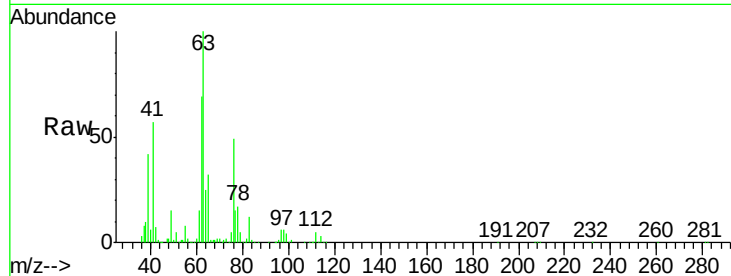




#45
 1,2-Dichloropropane
 Concen: 142.871 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

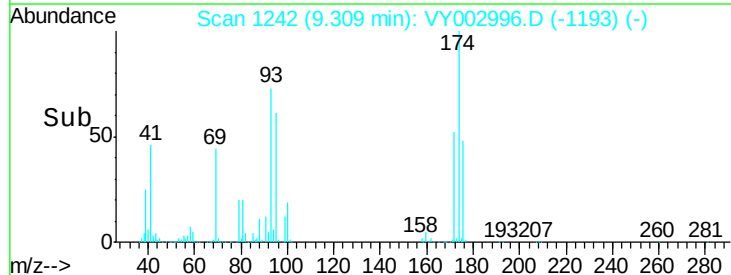
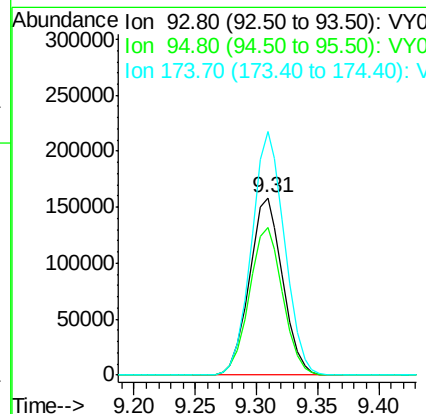
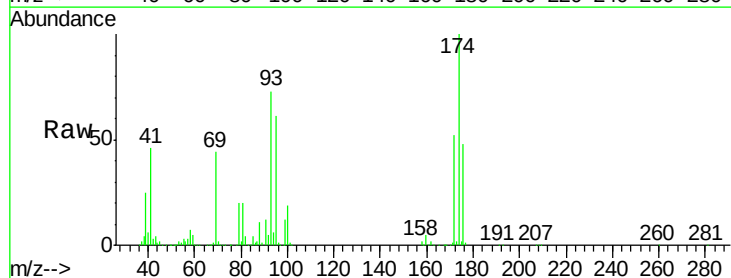
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

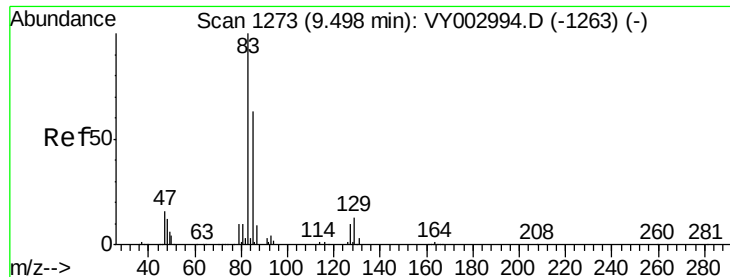
Tgt Ion: 63 Resp: 482857
 Ion Ratio Lower Upper
 63 100
 65 31.7 26.2 39.4



#46
 Dibromomethane
 Concen: 145.602 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion: 93 Resp: 298284
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.2
 174 137.3 109.8 164.8





#47

Bromodichloromethane

Concen: 142.404 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

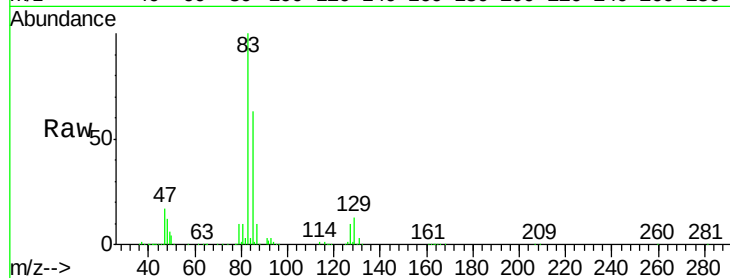
Tgt Ion: 83 Resp: 723780

Ion Ratio Lower Upper

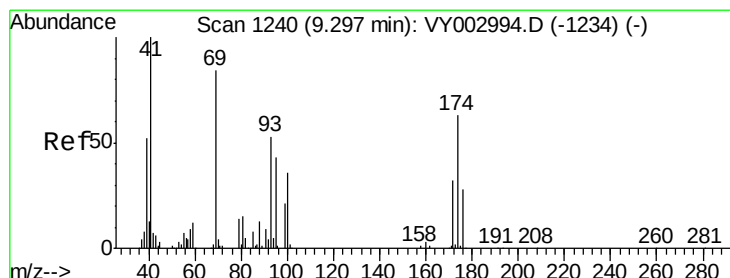
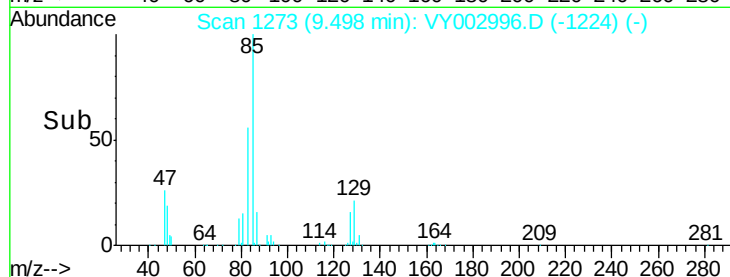
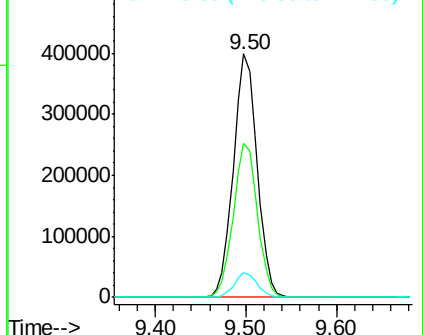
83 100

85 63.2 50.2 75.4

127 10.0 7.8 11.6



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: 152.594 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

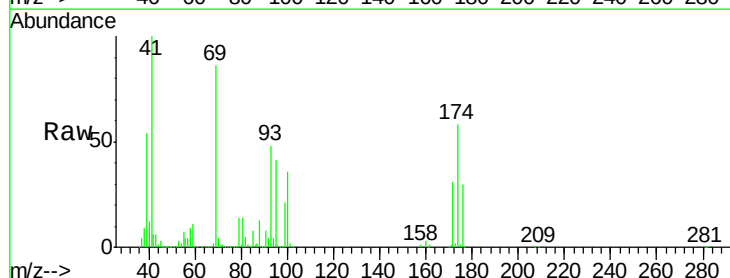
Tgt Ion: 41 Resp: 373132

Ion Ratio Lower Upper

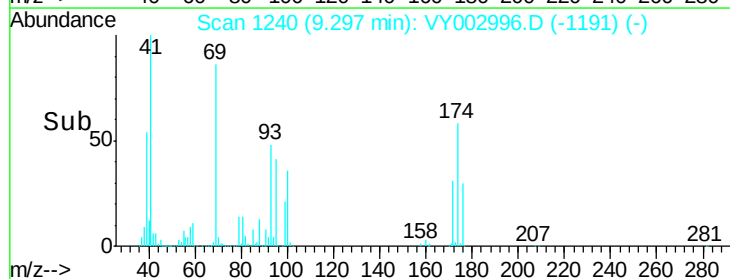
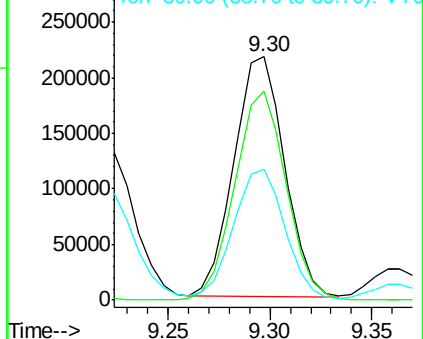
41 100

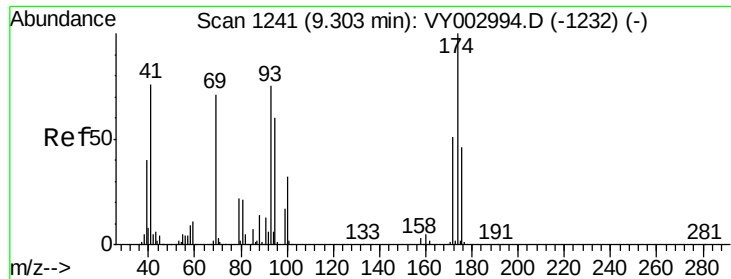
69 88.0 70.2 105.2

39 55.7 45.0 67.6



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: 3346.774 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

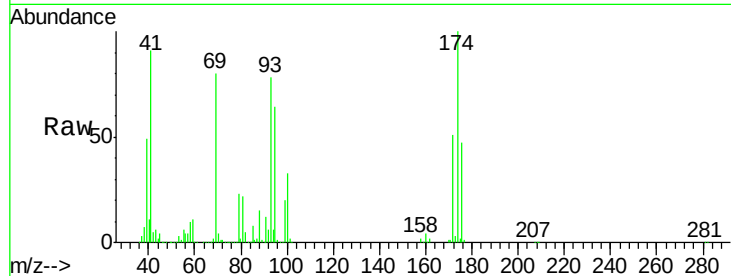
Tgt Ion: 88 Resp: 80035

Ion Ratio Lower Upper

88 100

43 30.4 26.6 39.8

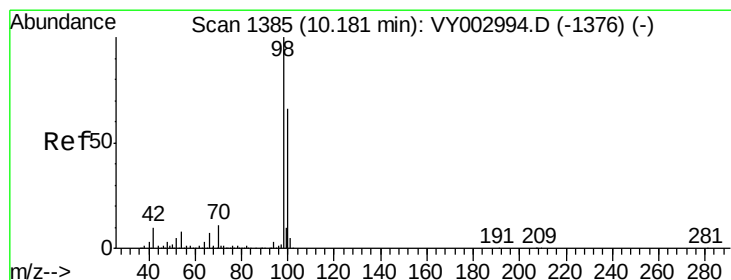
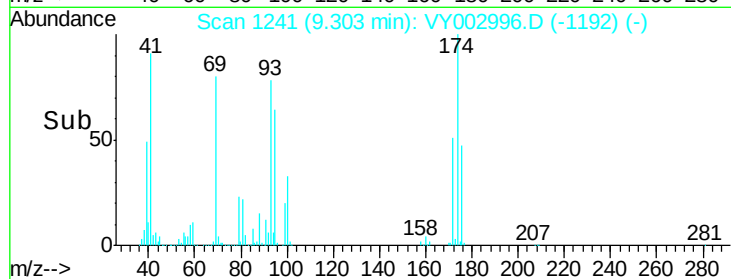
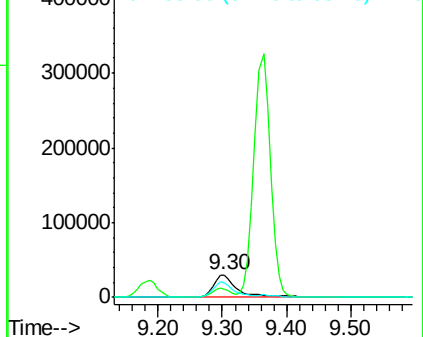
58 59.2 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 157.677 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002996.D

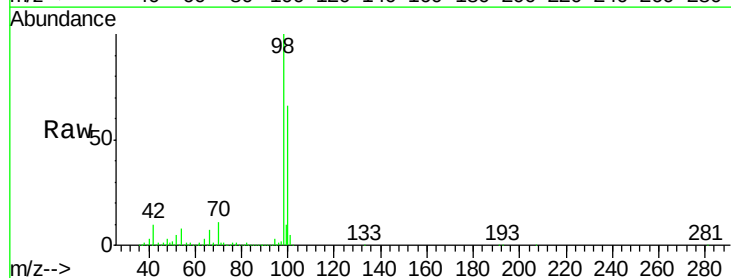
Acq: 25 Jun 2020 13:20

Tgt Ion: 98 Resp: 2182987

Ion Ratio Lower Upper

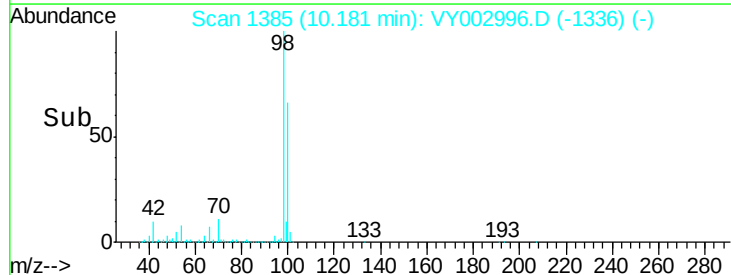
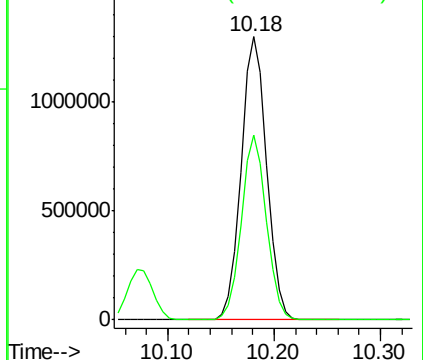
98 100

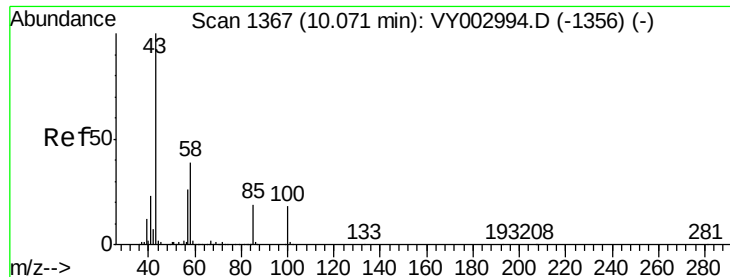
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 805.814 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

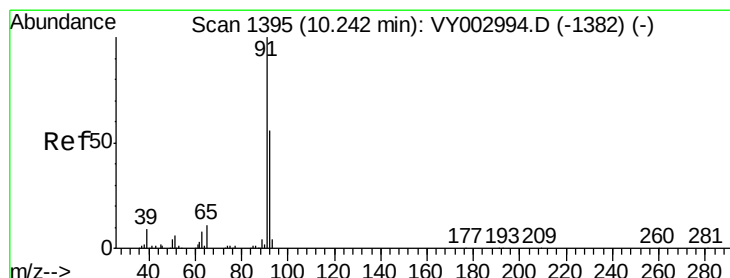
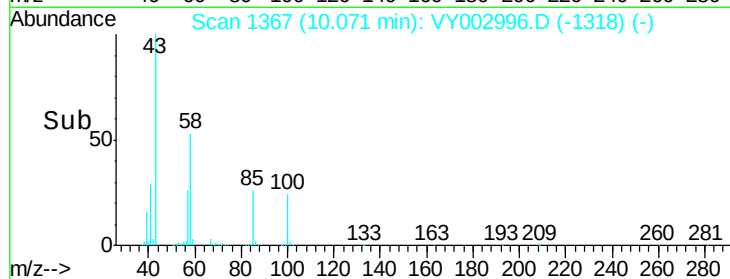
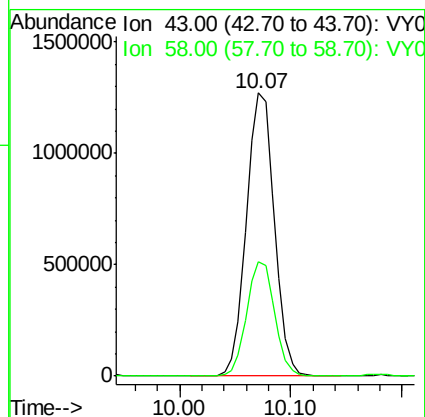
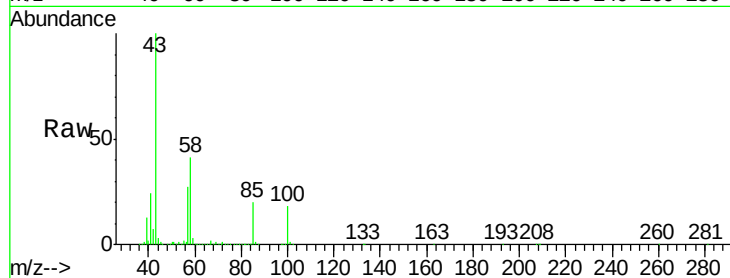
VSTDIC150

Tgt Ion: 43 Resp: 2220021

Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.0



#52

Toluene

Concen: 153.279 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002996.D

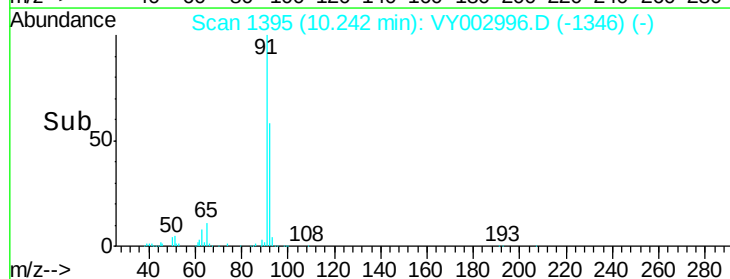
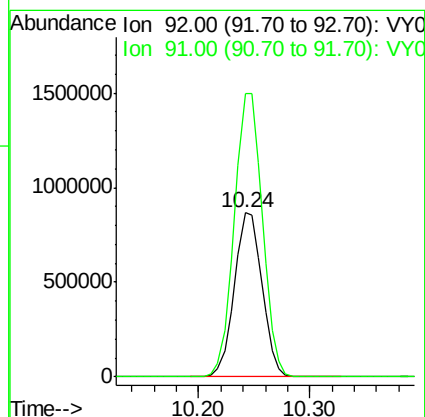
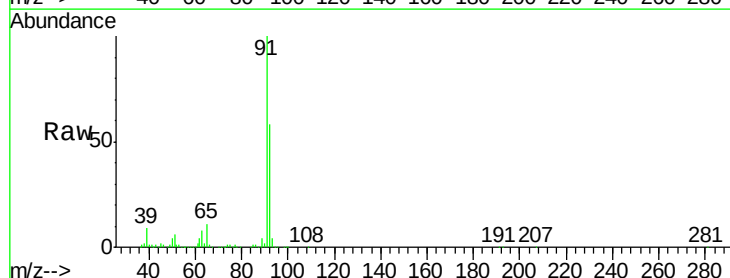
Acq: 25 Jun 2020 13:20

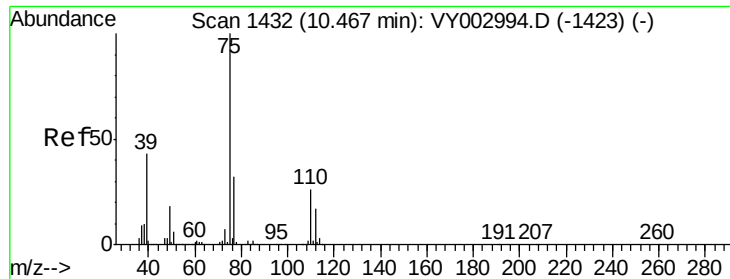
Tgt Ion: 92 Resp: 1491957

Ion Ratio Lower Upper

92 100

91 175.4 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 157.593 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

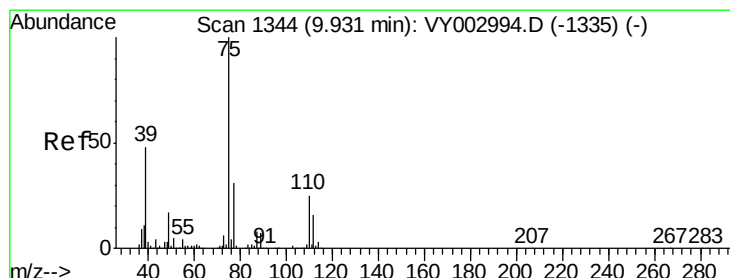
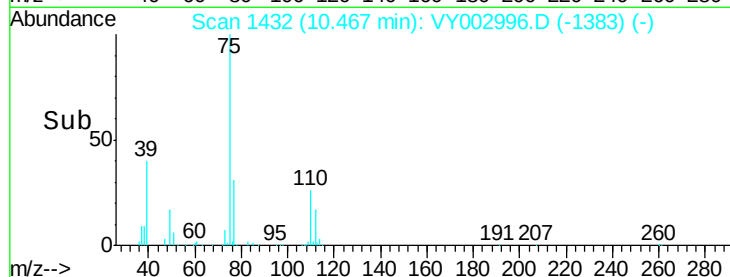
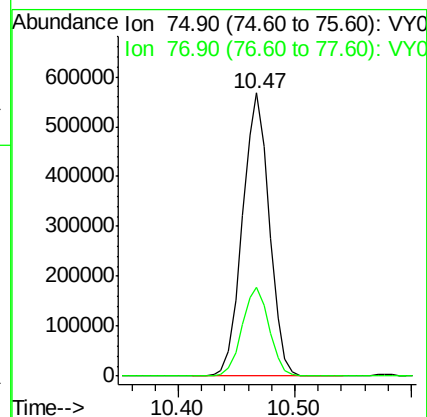
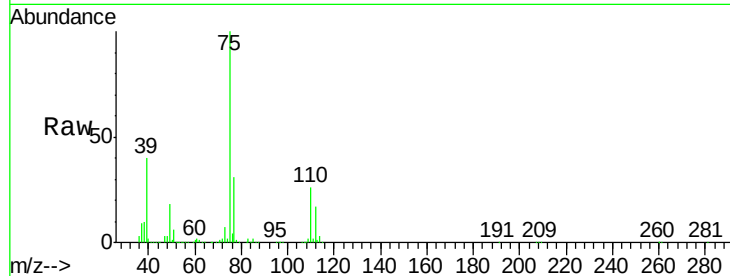
VSTDIC150

Tgt Ion: 75 Resp: 911559

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 138.763 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

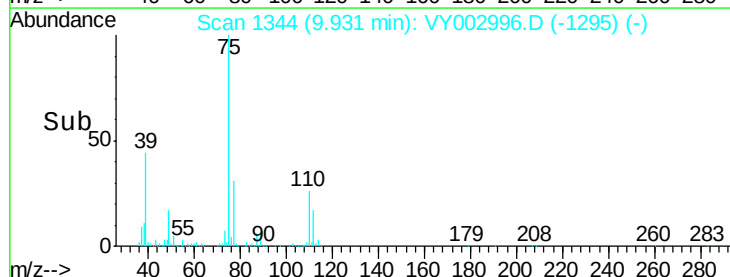
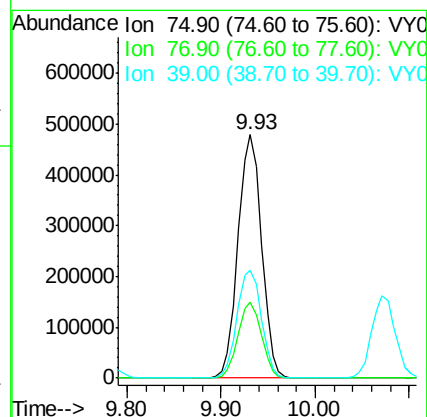
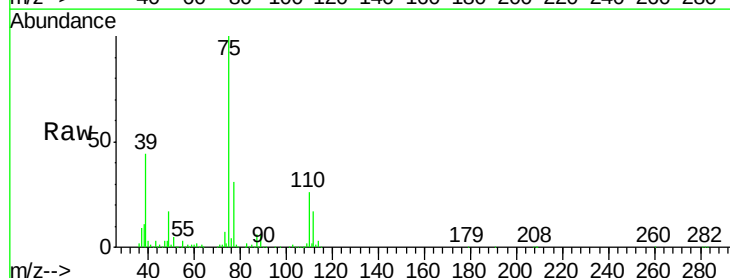
Tgt Ion: 75 Resp: 832536

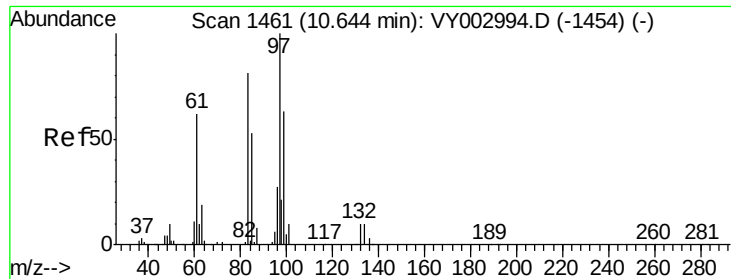
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 44.4 38.4 57.6

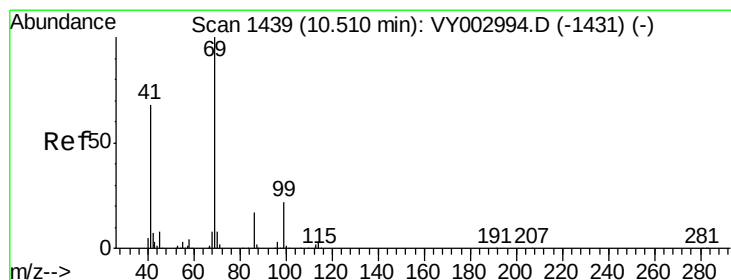
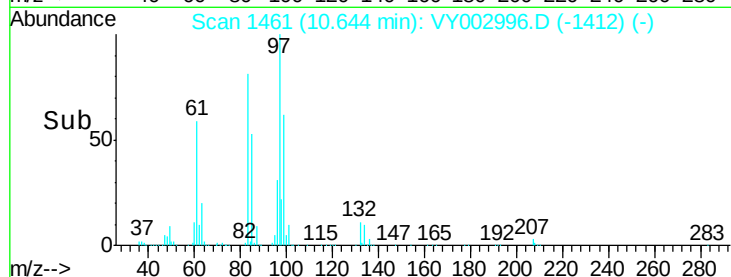
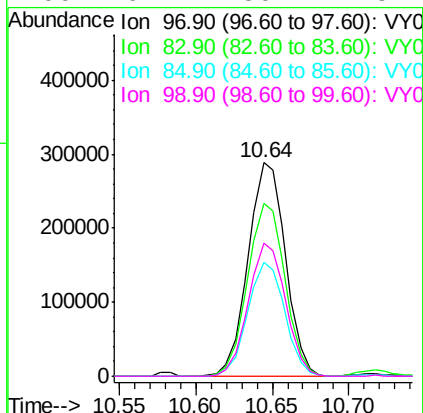
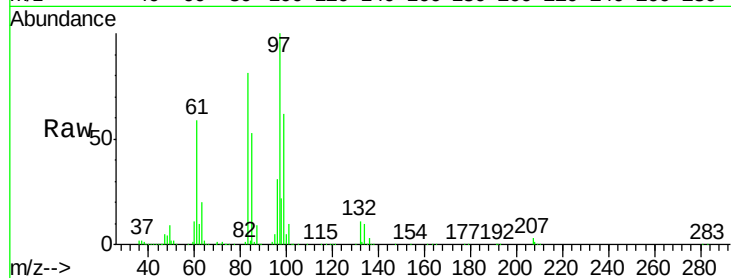




#55
 1,1,2-Trichloroethane
 Concen: 155.896 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

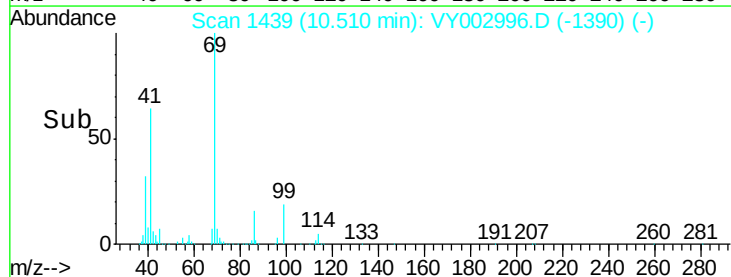
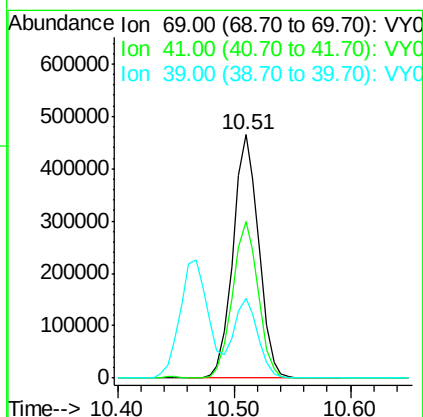
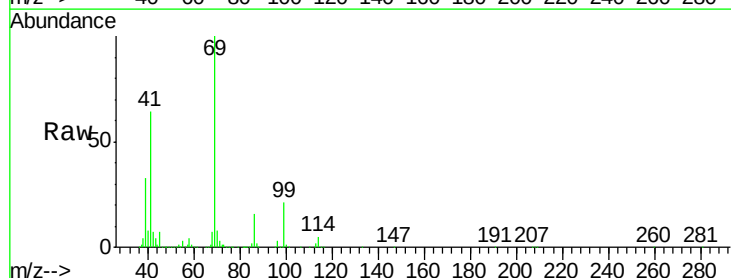
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

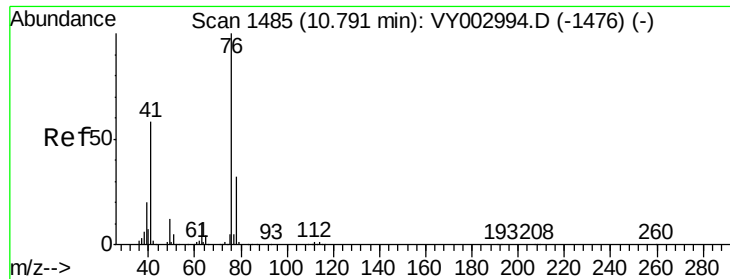
Tgt Ion:	97	Resp:	491476
Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.6	96.8
85	53.3	42.6	63.8
99	62.1	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 163.093 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion:	69	Resp:	709824
Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.4	77.0
39	30.5	24.4	36.6





#57

1,3-Dichloropropane

Concen: 151.540 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

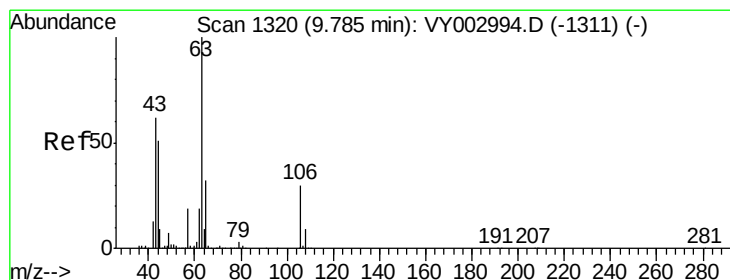
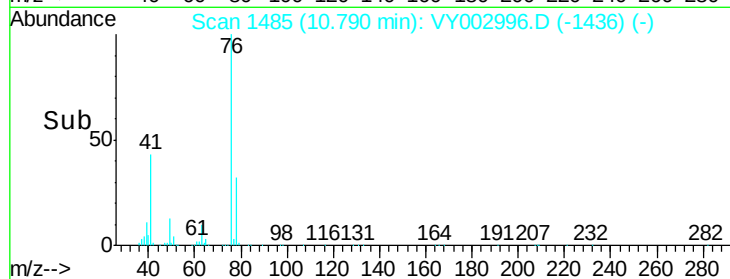
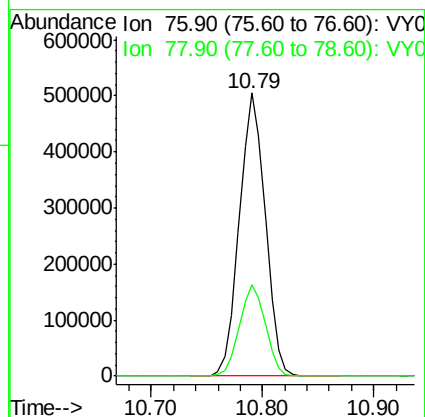
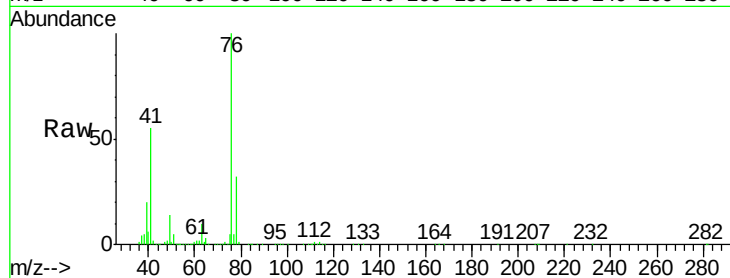
VSTDIC150

Tgt Ion: 76 Resp: 813723

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 767.099 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002996.D

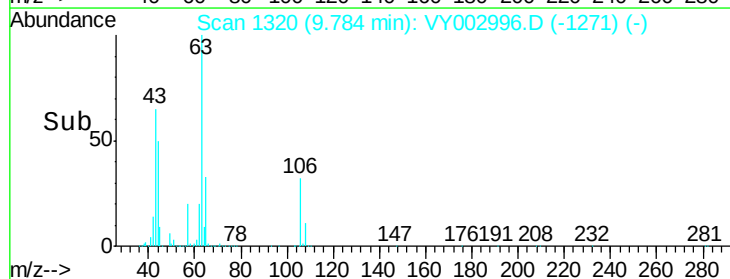
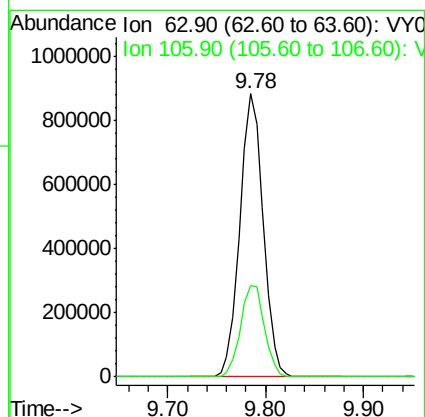
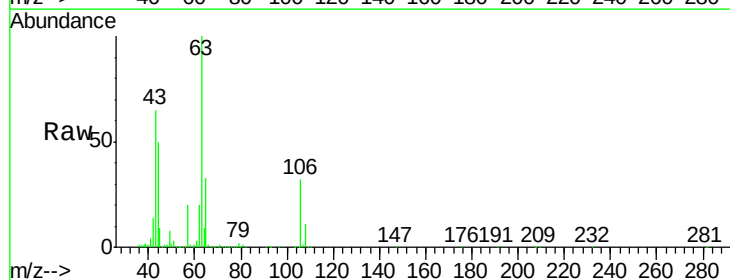
Acq: 25 Jun 2020 13:20

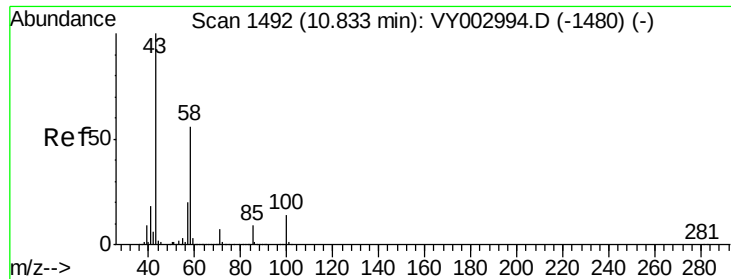
Tgt Ion: 63 Resp: 1466847

Ion Ratio Lower Upper

63 100

106 33.2 25.3 37.9

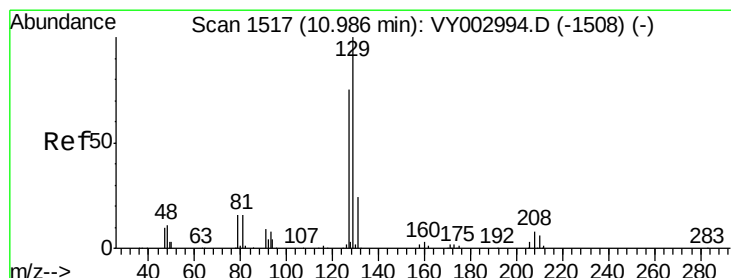
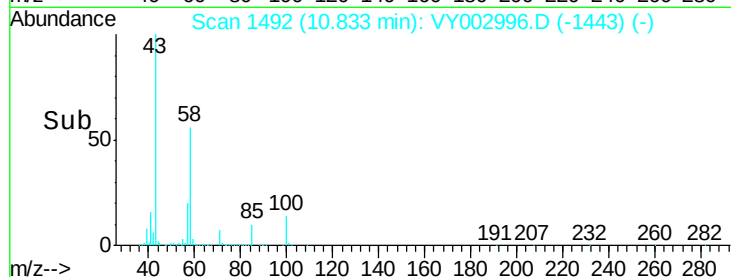
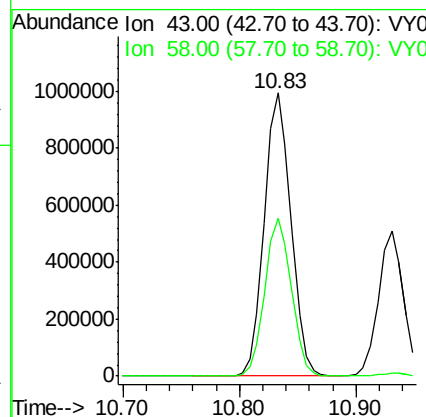
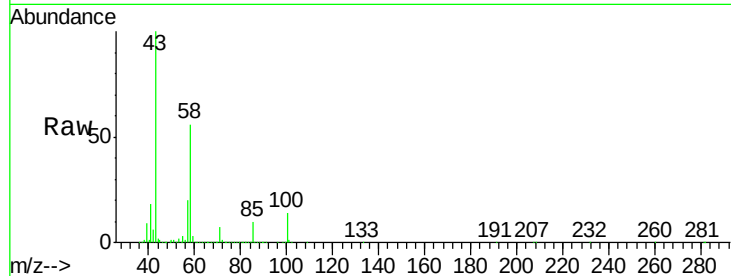




#59
2-Hexanone
Concen: 785.490 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

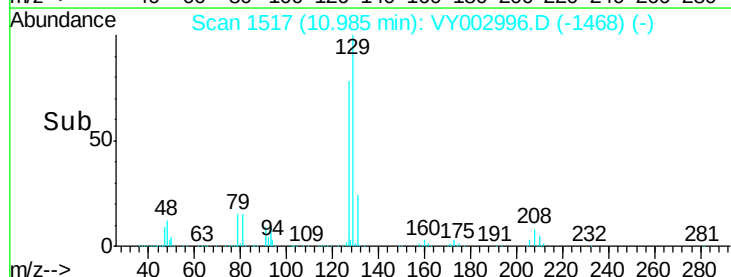
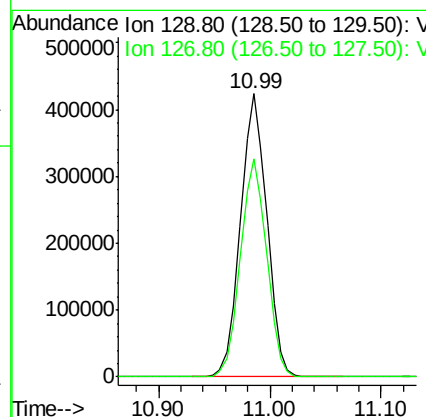
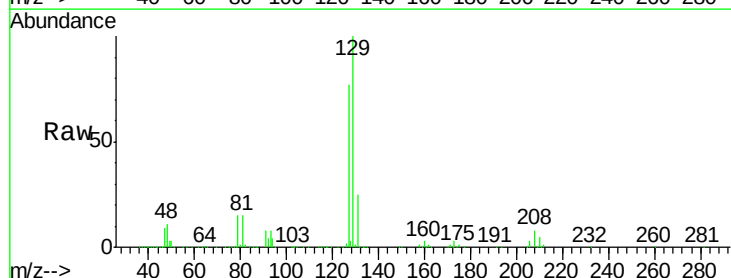
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

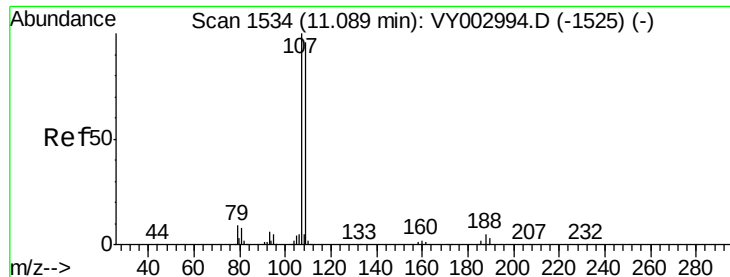
Tgt Ion: 43 Resp: 1578742
Ion Ratio Lower Upper
43 100
58 55.4 27.4 82.0



#60
Dibromochloromethane
Concen: 159.098 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 129 Resp: 692664
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8

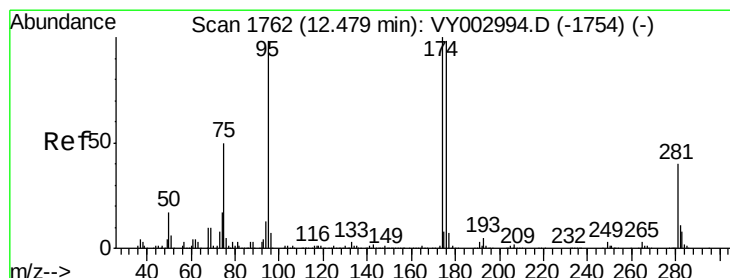
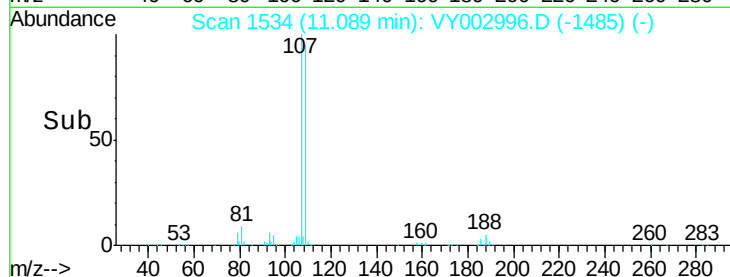
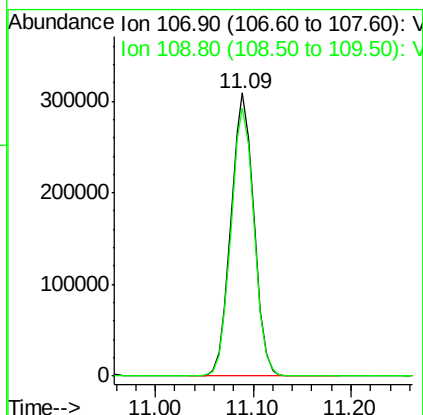
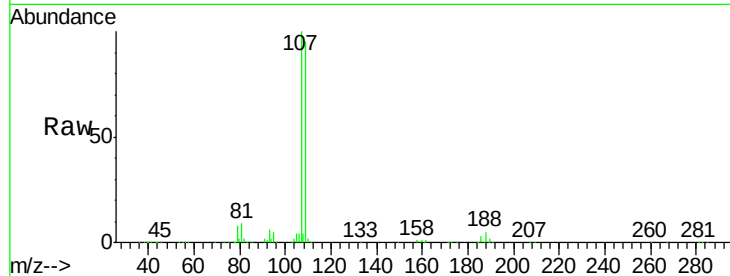




#61
 1,2-Dibromoethane
 Concen: 158.102 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

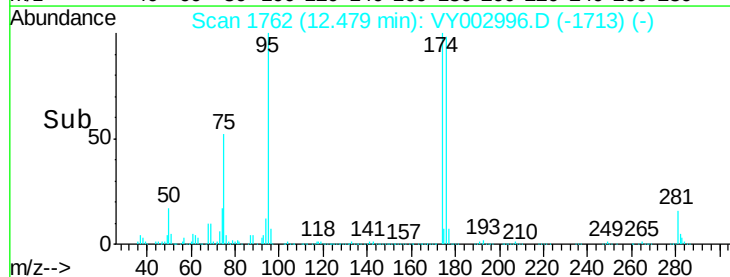
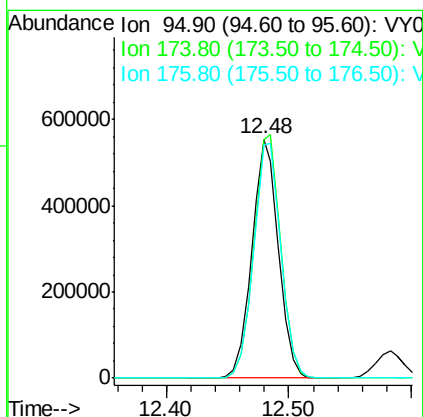
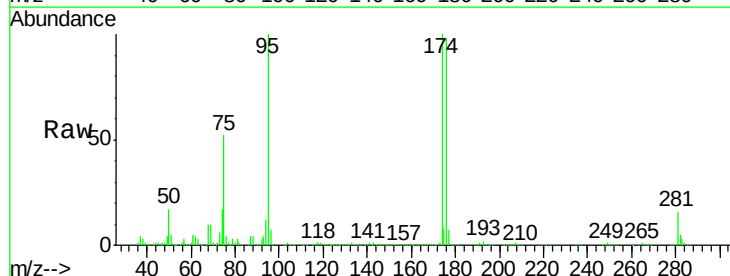
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

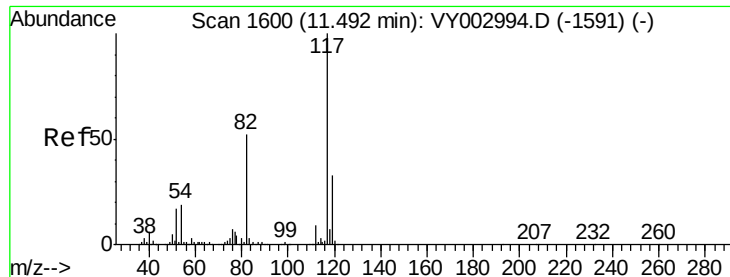
Tgt Ion: 107 Resp: 501203
 Ion Ratio Lower Upper
 107 100
 109 95.7 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 161.376 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion: 95 Resp: 833815
 Ion Ratio Lower Upper
 95 100
 174 104.0 0.0 209.2
 176 101.5 0.0 206.2

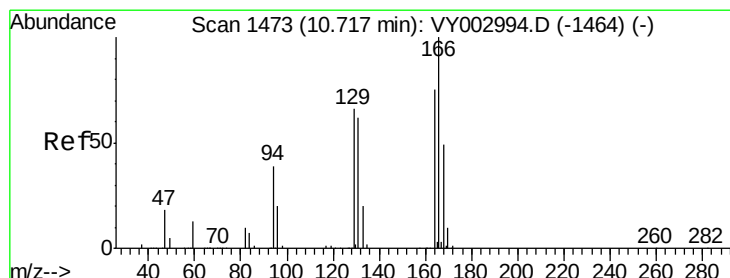
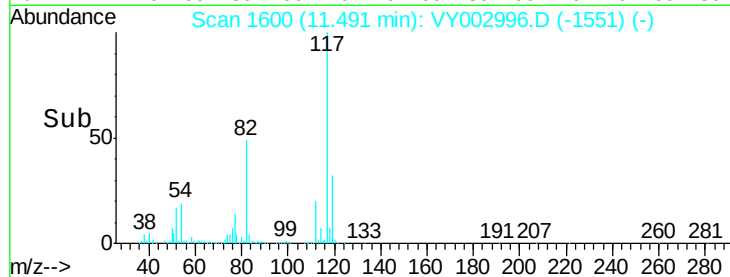
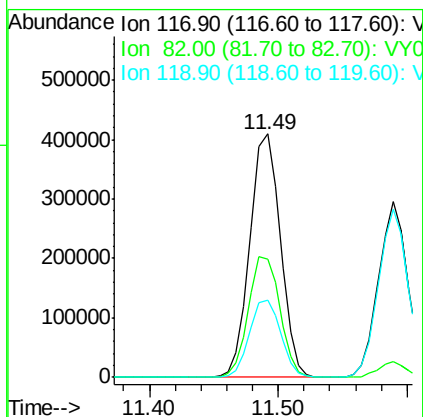
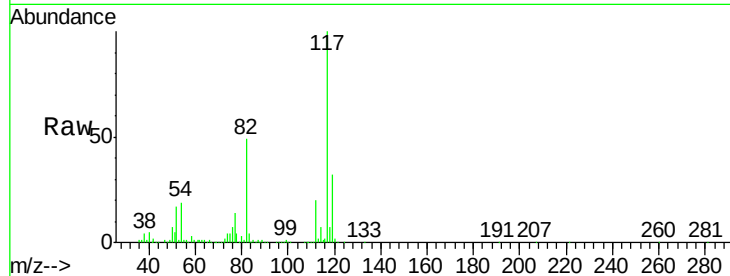




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

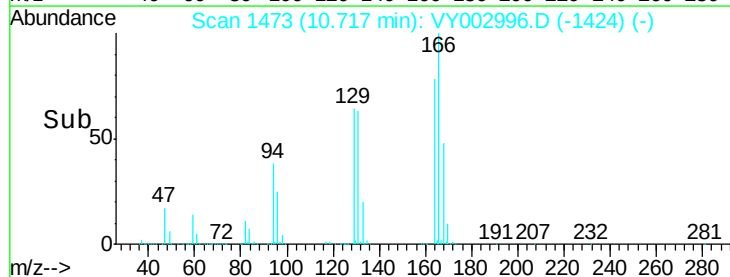
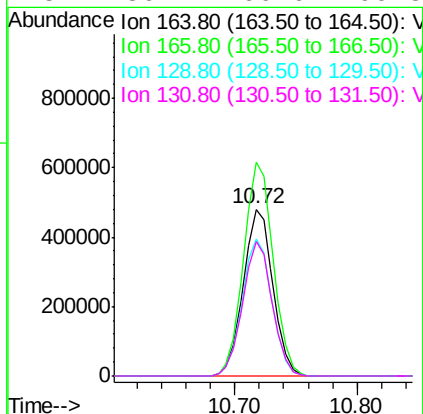
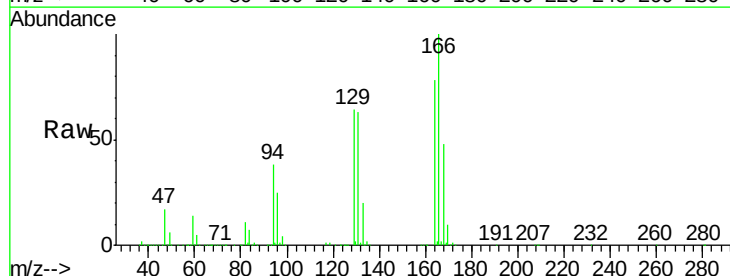
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

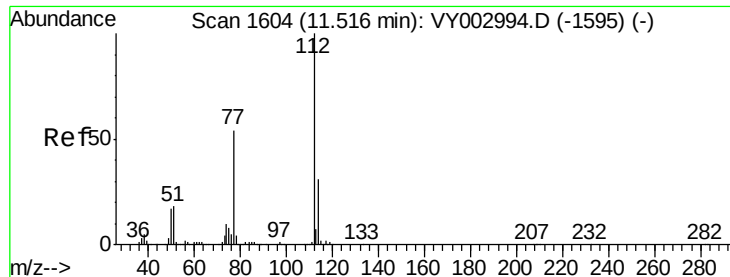
Tgt Ion:117 Resp: 670983
Ion Ratio Lower Upper
117 100
82 48.6 41.8 62.8
119 31.8 26.7 40.1



#64
Tetrachloroethene
Concen: 129.209 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion:164 Resp: 804977
Ion Ratio Lower Upper
164 100
166 128.2 106.8 160.2
129 82.4 69.9 104.9
131 80.7 66.6 99.8

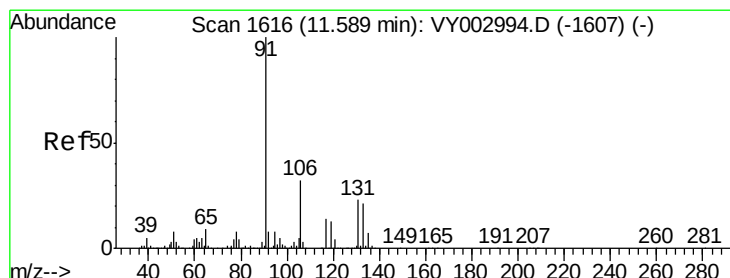
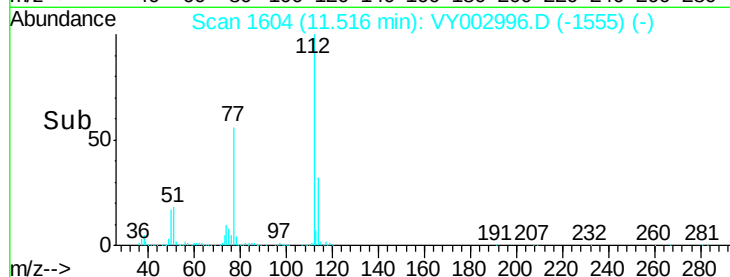
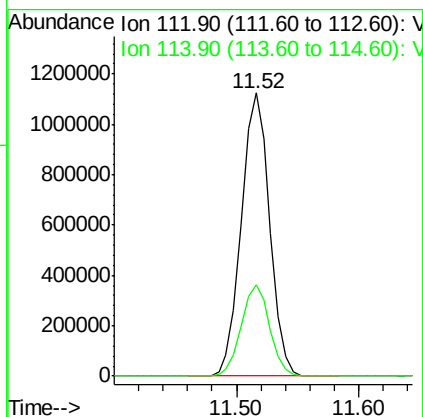
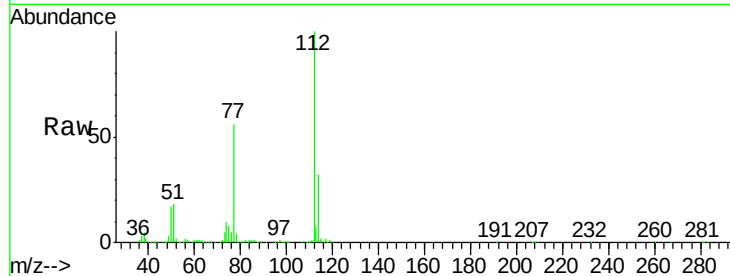




#65
Chlorobenzene
Concen: 135.048 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

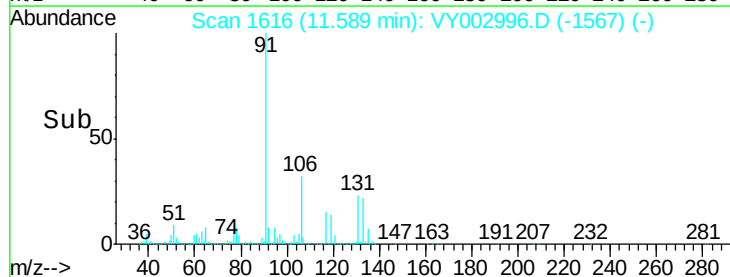
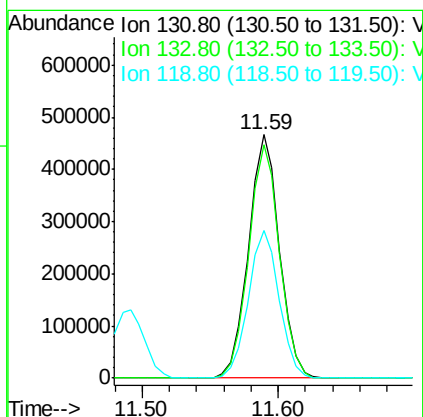
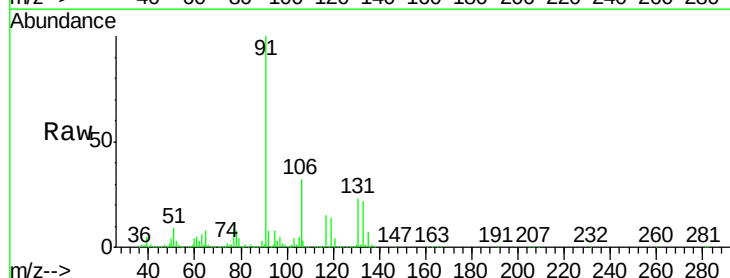
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

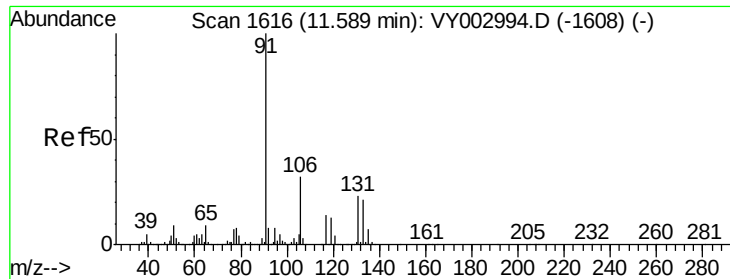
Tgt Ion:112 Resp: 1801320
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 137.262 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion:131 Resp: 740511
Ion Ratio Lower Upper
131 100
133 95.6 48.2 144.6
119 60.6 30.1 90.5

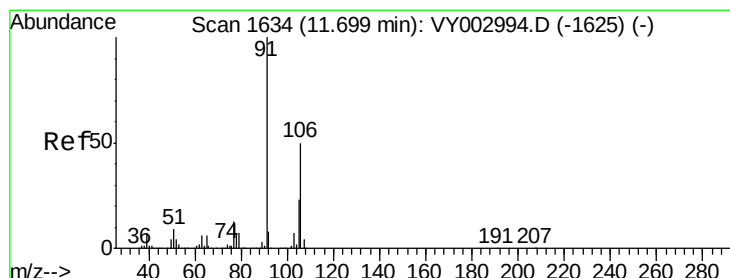
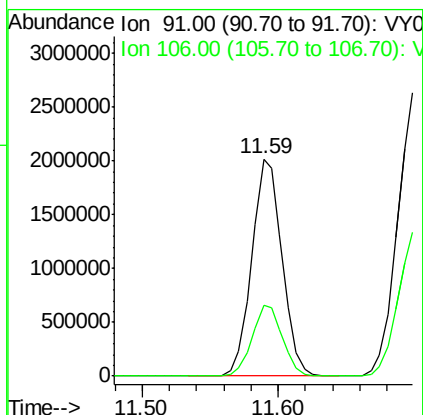
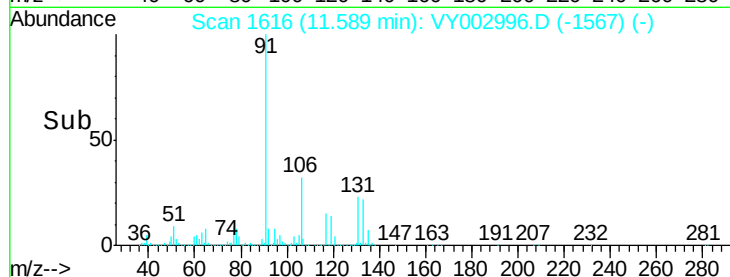
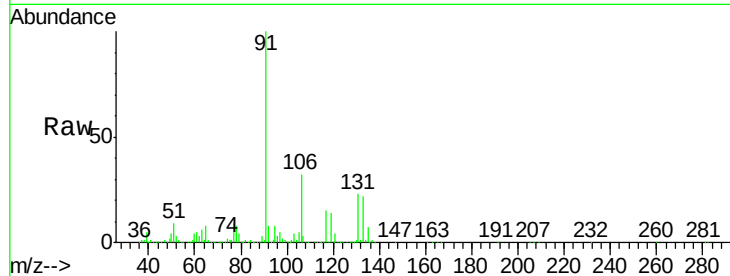




#67
Ethyl Benzene
Concen: 135.034 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

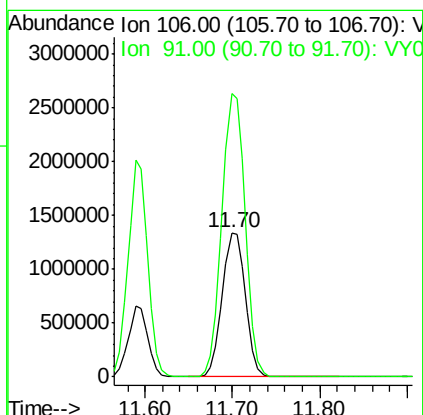
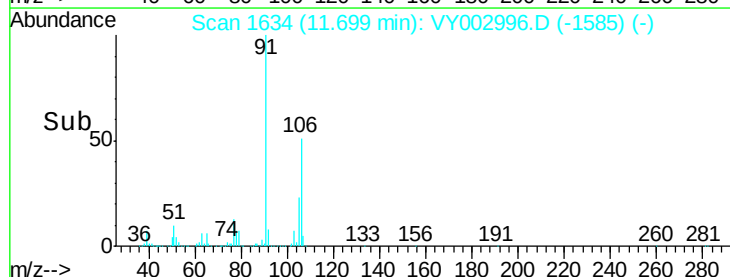
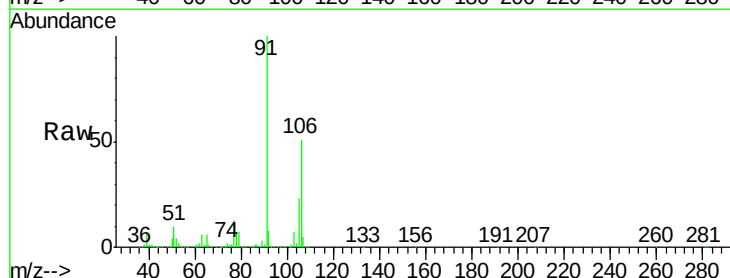
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

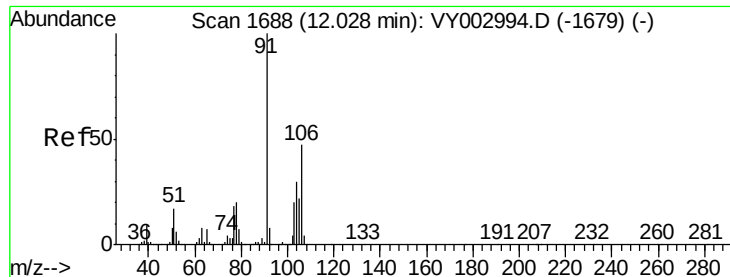
Tgt Ion: 91 Resp: 3151485
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9



#68
m/p-Xylenes
Concen: 272.676 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 106 Resp: 2452033
Ion Ratio Lower Upper
106 100
91 198.1 160.0 240.0

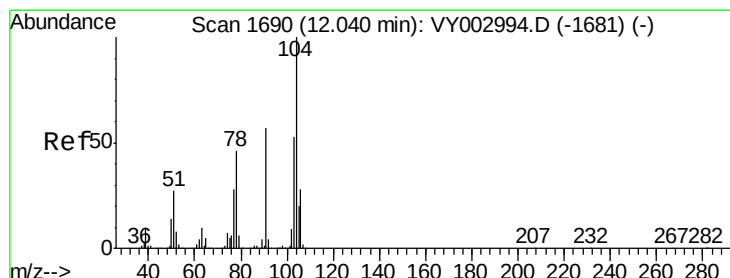
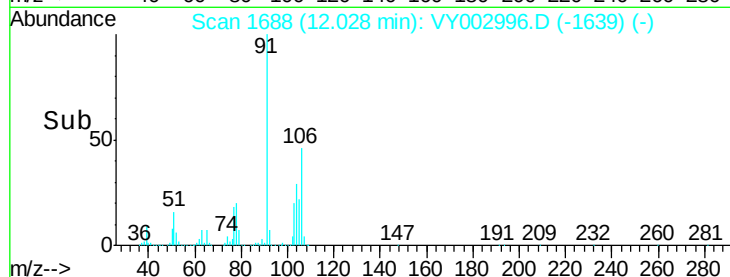
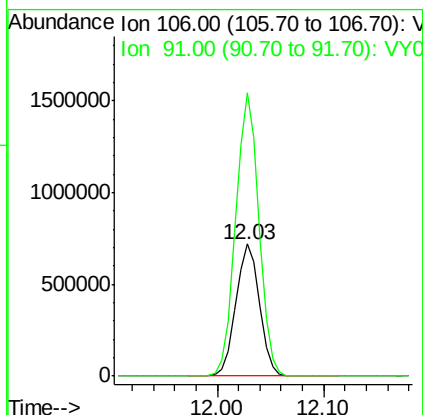
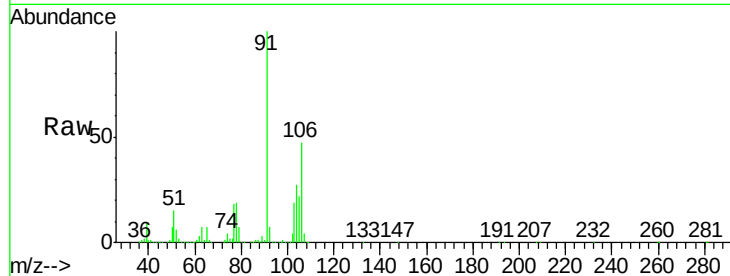




#69
o-Xylene
Concen: 130.171 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

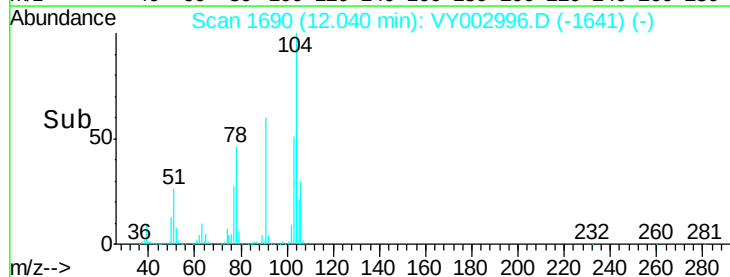
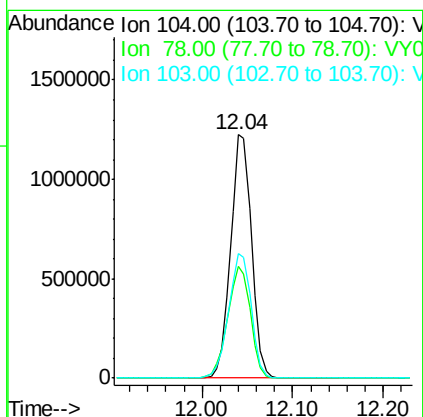
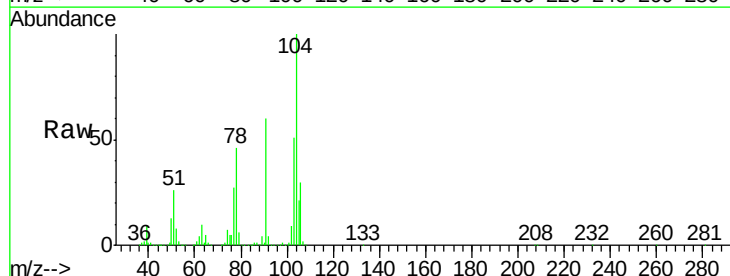
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

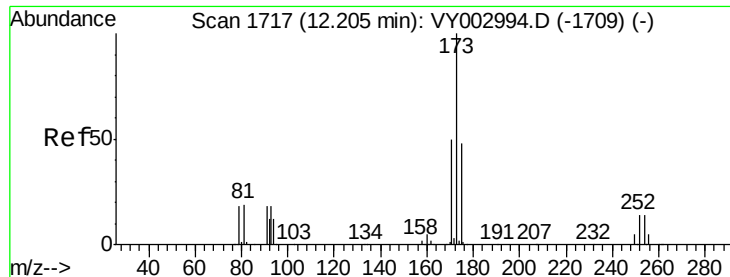
Tgt Ion:106 Resp: 1117546
Ion Ratio Lower Upper
106 100
91 211.3 105.8 317.3



#70
Styrene
Concen: 133.205 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion:104 Resp: 1951608
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.3 44.3 66.5





#71

Bromoform

Concen: 133.669 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

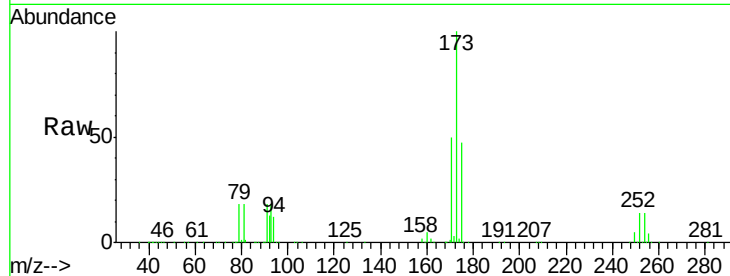
Tgt Ion:173 Resp: 493518

Ion Ratio Lower Upper

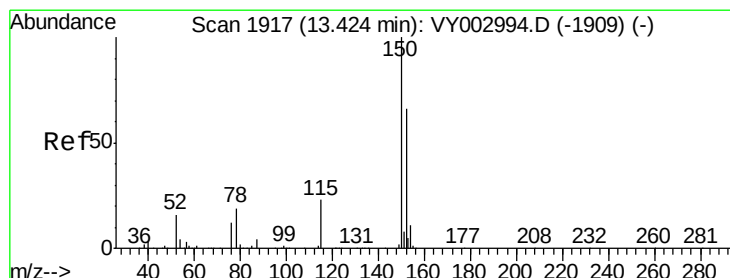
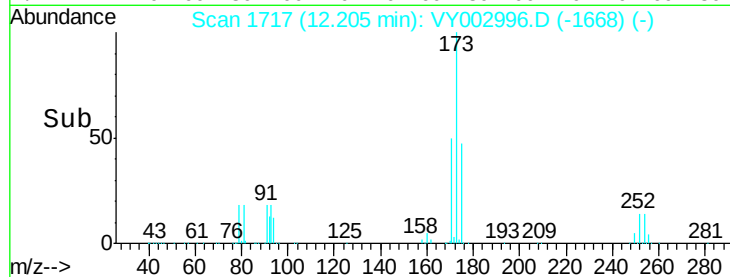
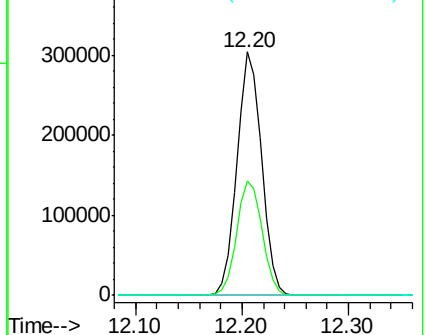
173 100

175 48.4 24.1 72.2

254 0.3 0.2 0.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

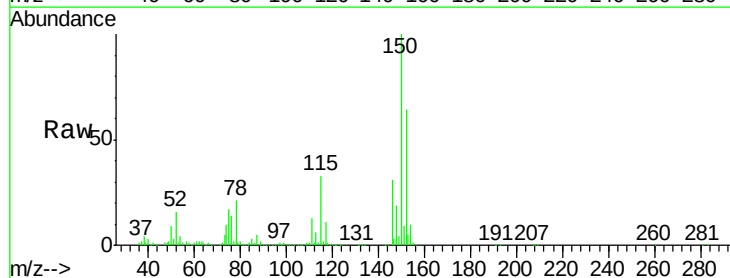
Tgt Ion:152 Resp: 305878

Ion Ratio Lower Upper

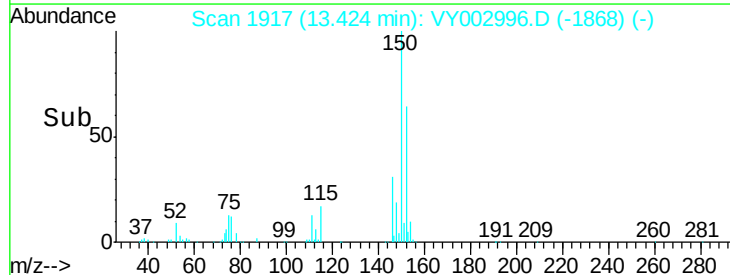
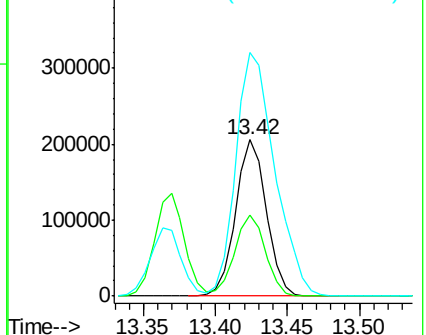
152 100

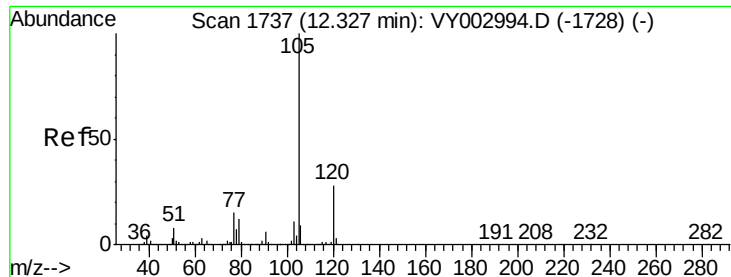
115 51.9 26.3 78.8

150 197.6 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: 150.125 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

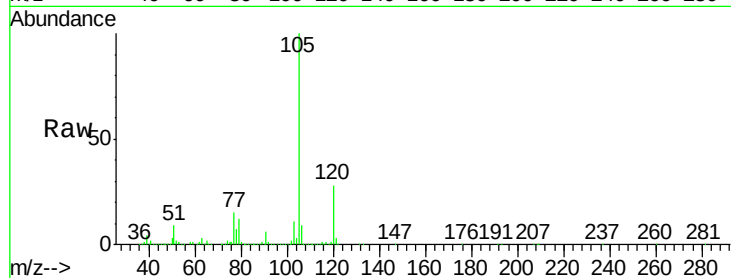
VSTDIC150

Tgt Ion:105 Resp: 2987008

Ion Ratio Lower Upper

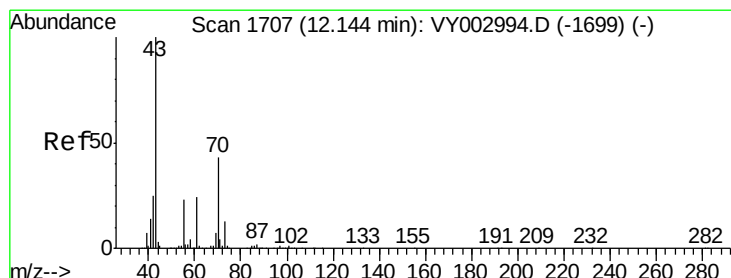
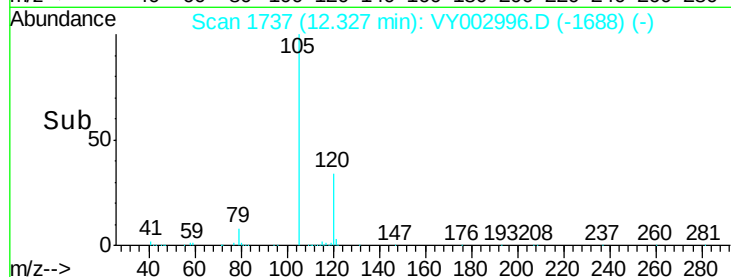
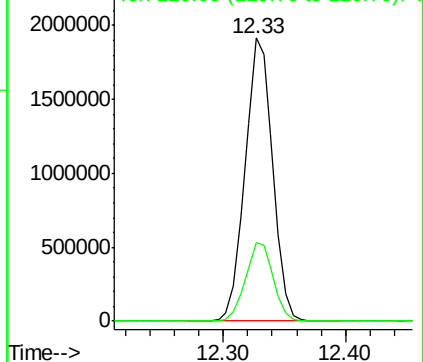
105 100

120 27.9 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 146.900 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion: 43 Resp: 789774

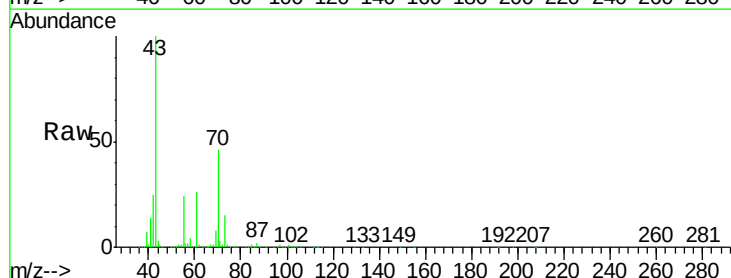
Ion Ratio Lower Upper

43 100

70 44.4 34.4 51.6

55 23.5 18.8 28.2

61 25.5 19.7 29.5

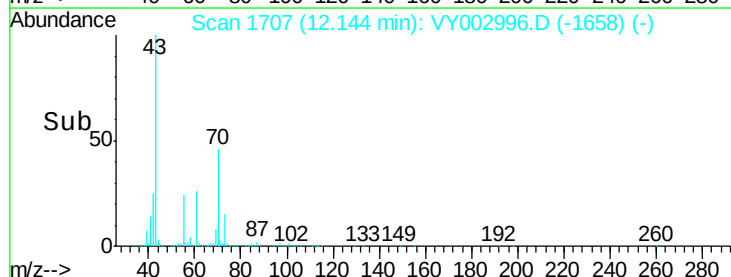
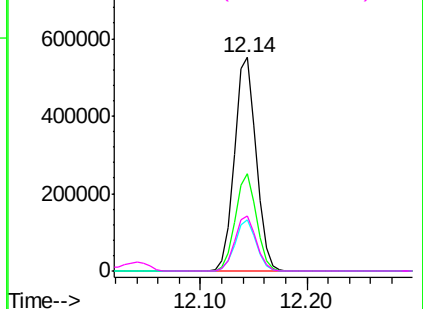


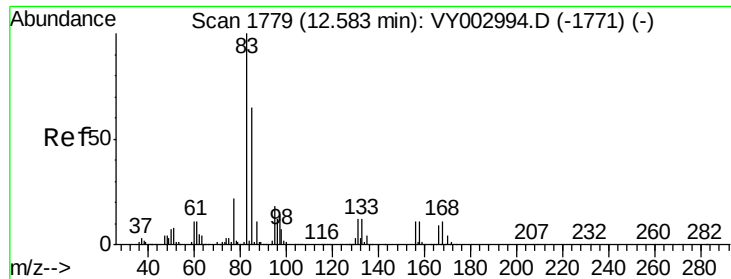
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 158.772 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

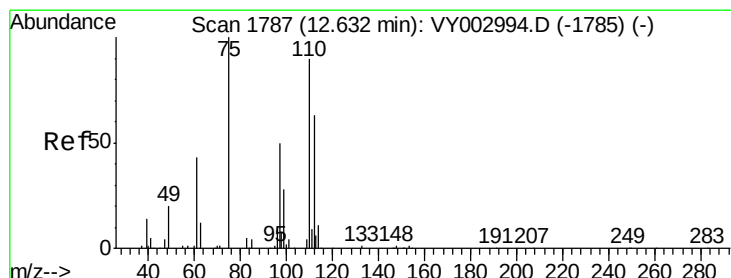
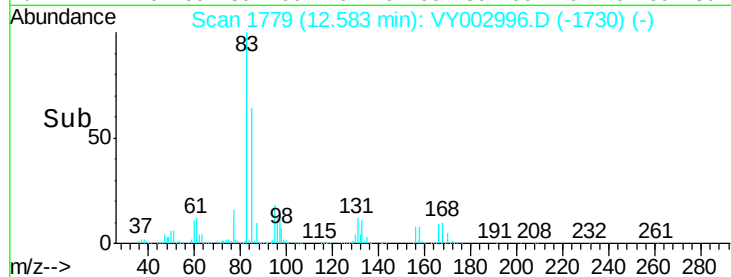
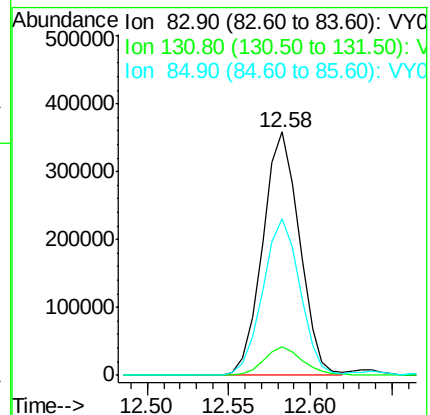
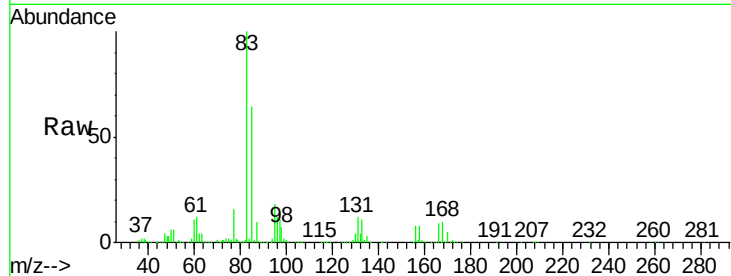
Tgt Ion: 83 Resp: 561461

Ion Ratio Lower Upper

83 100

131 12.3 6.3 18.8

85 64.9 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 157.271 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002996.D

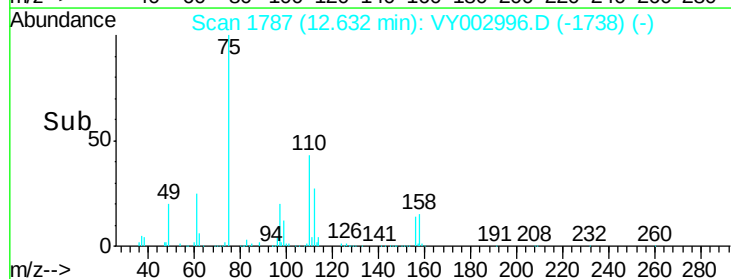
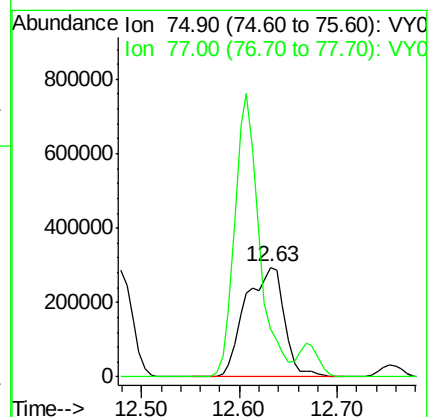
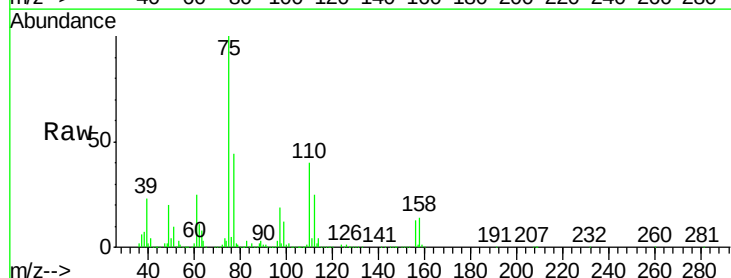
Acq: 25 Jun 2020 13:20

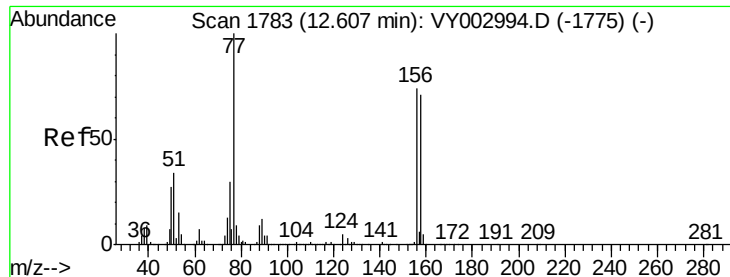
Tgt Ion: 75 Resp: 811908

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 155.316 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

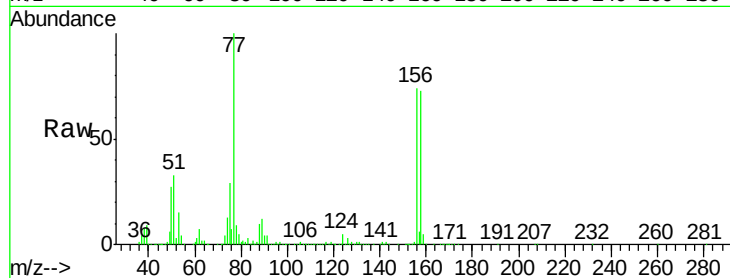
Tgt Ion:156 Resp: 869293

Ion Ratio Lower Upper

156 100

77 152.7 77.3 231.9

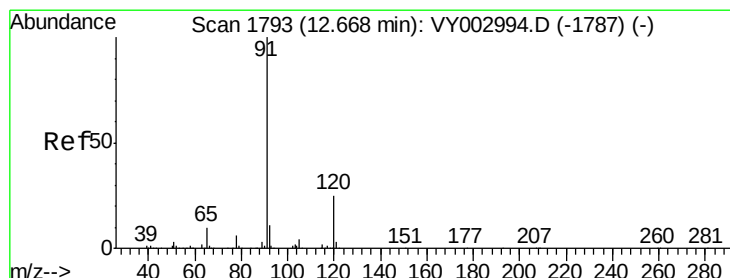
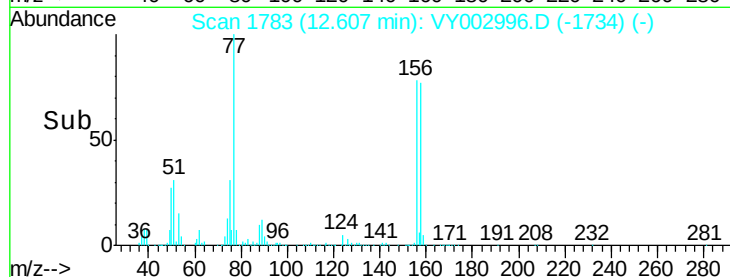
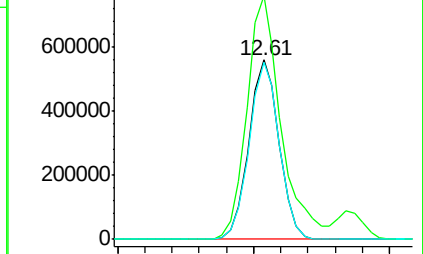
158 98.5 48.9 146.8



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: 146.944 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002996.D

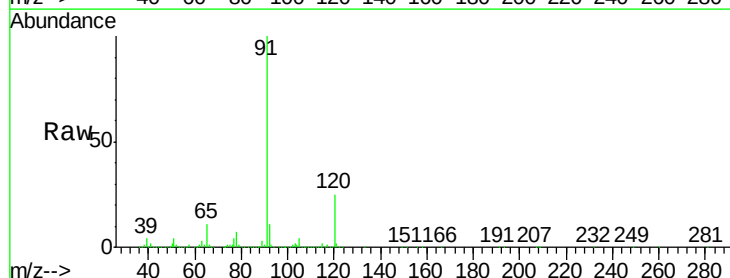
Acq: 25 Jun 2020 13:20

Tgt Ion: 91 Resp: 3373265

Ion Ratio Lower Upper

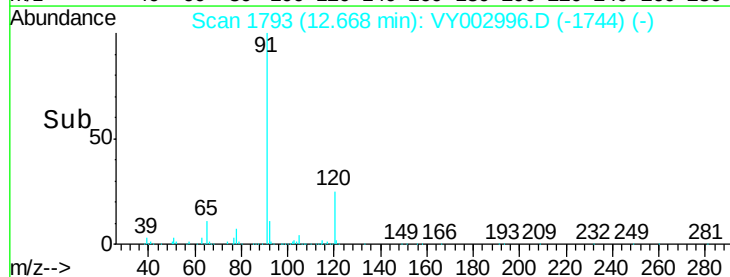
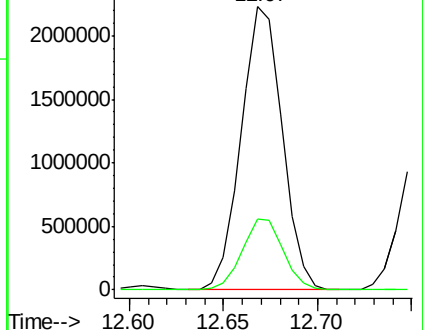
91 100

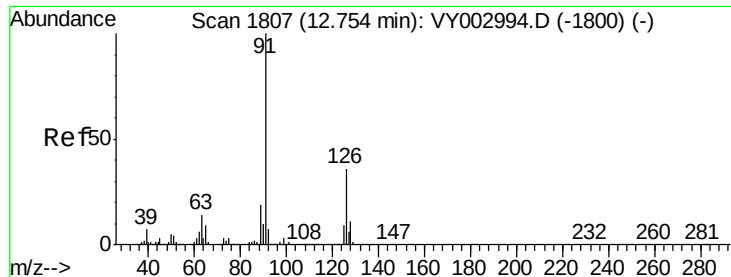
120 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

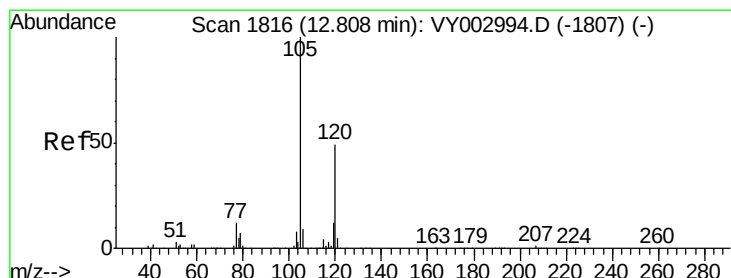
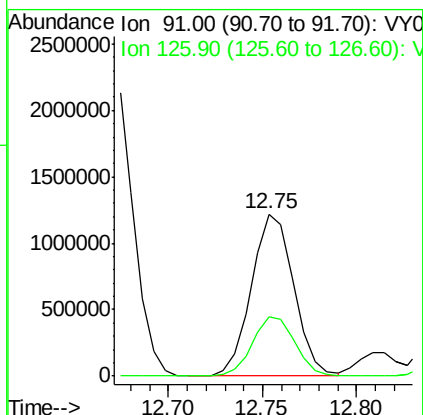
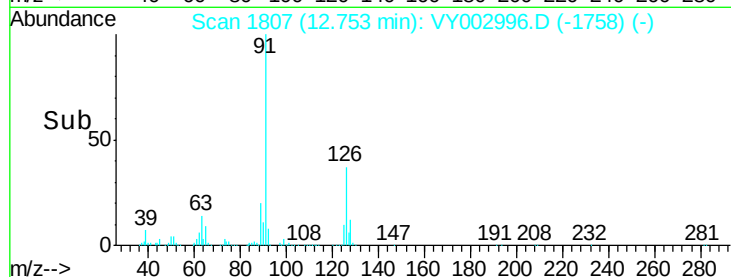
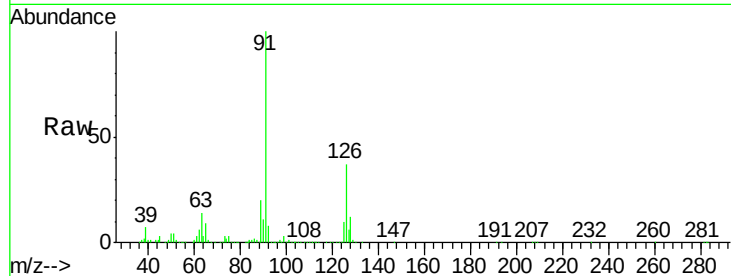




#79
 2-Chlorotoluene
 Concen: 145.558 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

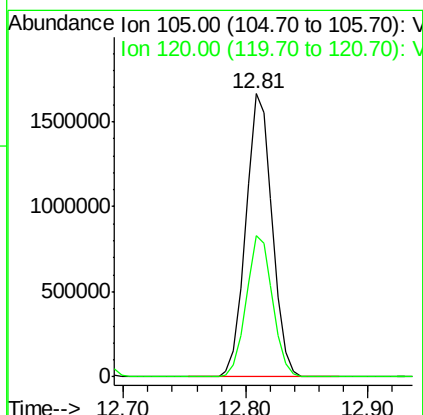
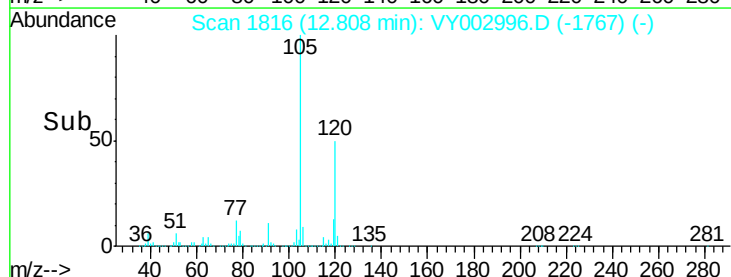
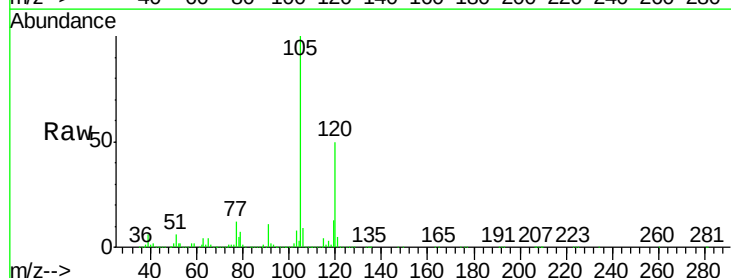
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

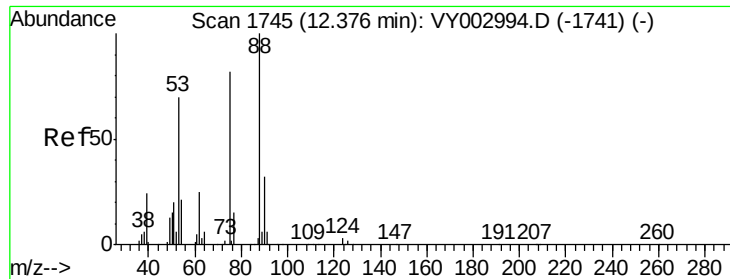
Tgt Ion: 91 Resp: 1905104
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 141.291 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion: 105 Resp: 2479969
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 162.542 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

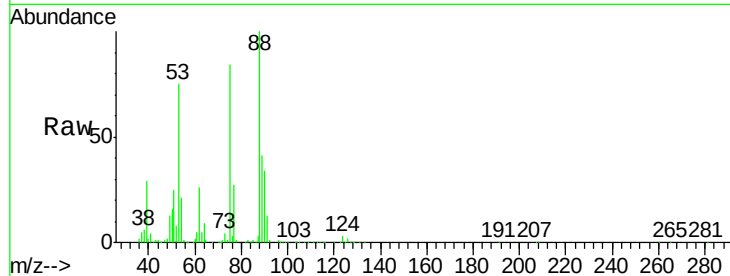
Tgt Ion: 75 Resp: 228348

Ion Ratio Lower Upper

75 100

53 89.0 72.2 108.4

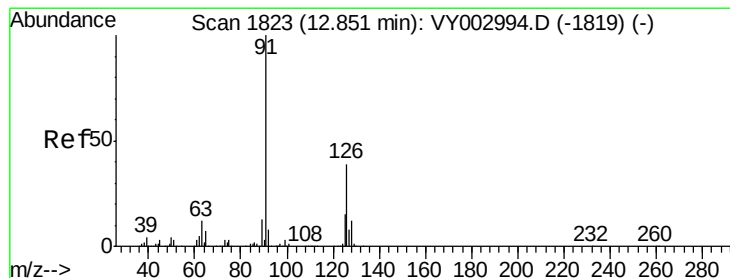
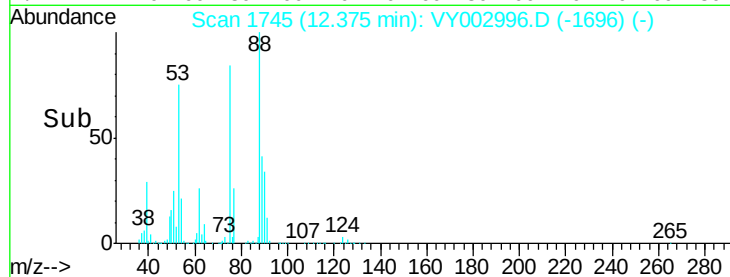
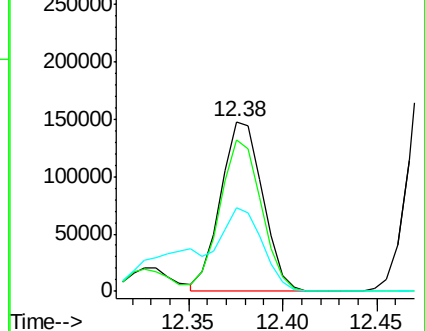
89 86.4 35.0 52.4#



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: 144.935 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002996.D

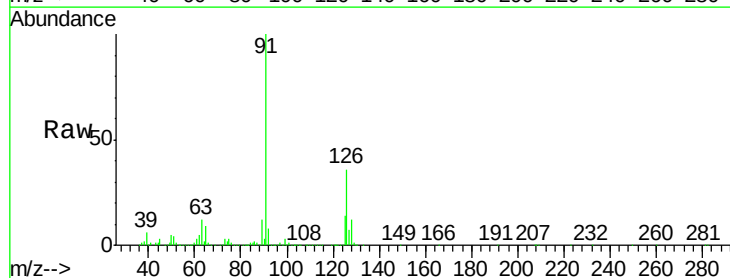
Acq: 25 Jun 2020 13:20

Tgt Ion: 91 Resp: 2031301

Ion Ratio Lower Upper

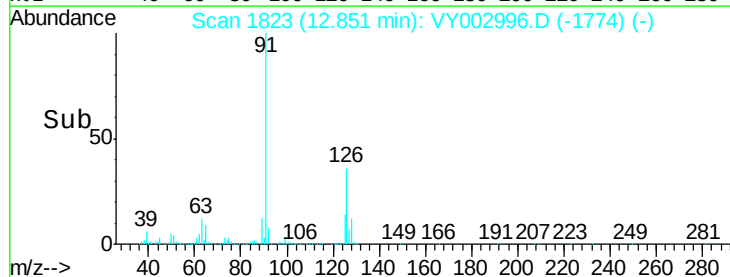
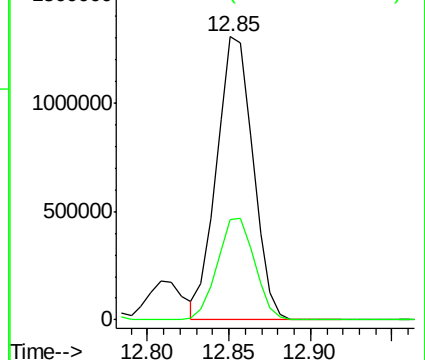
91 100

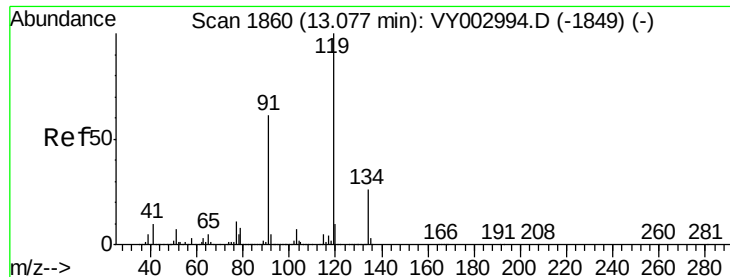
126 36.8 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 134.925 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

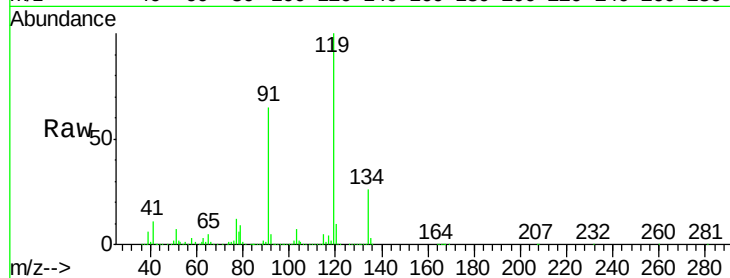
Tgt Ion:119 Resp: 2083765

Ion Ratio Lower Upper

119 100

91 62.6 31.4 94.2

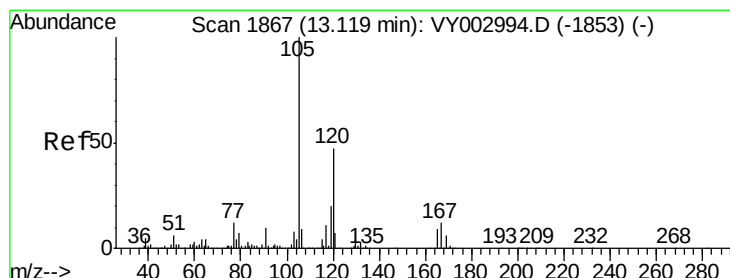
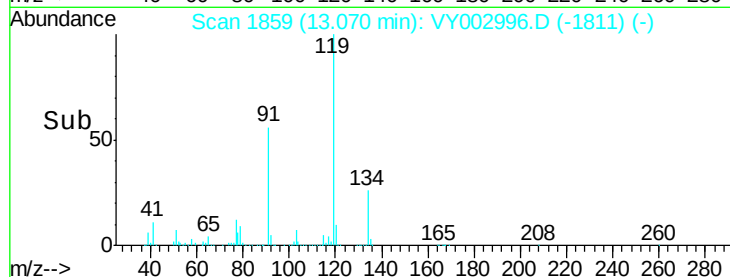
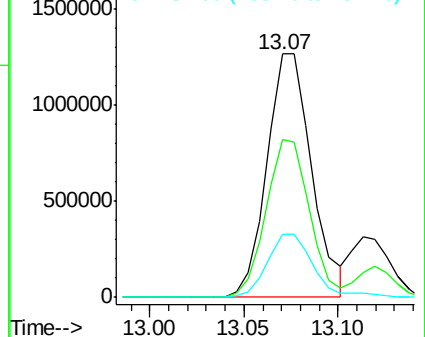
134 27.0 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 126.359 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002996.D

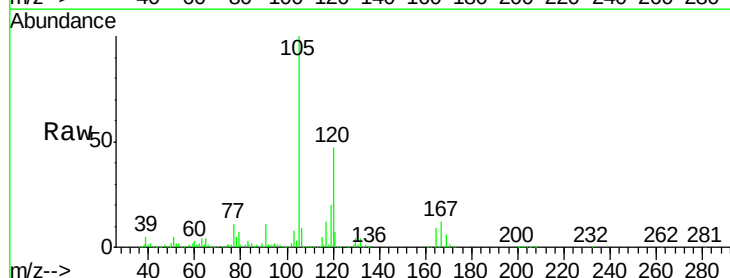
Acq: 25 Jun 2020 13:20

Tgt Ion:105 Resp: 2178576

Ion Ratio Lower Upper

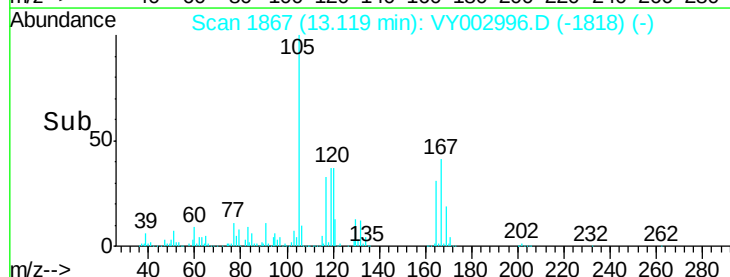
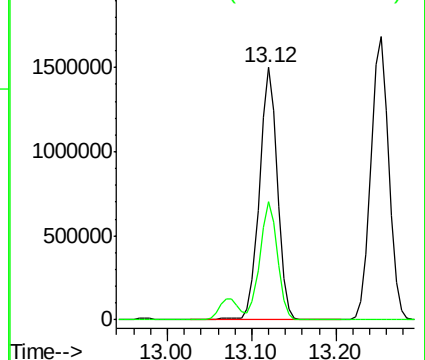
105 100

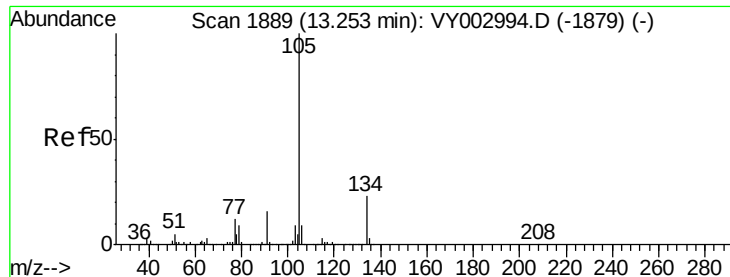
120 45.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 127.633 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

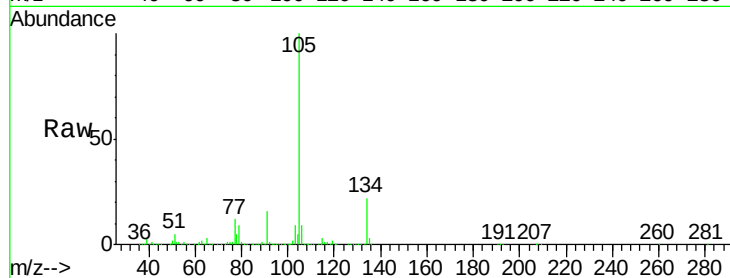
VSTDIC150

Tgt Ion:105 Resp: 2494164

Ion Ratio Lower Upper

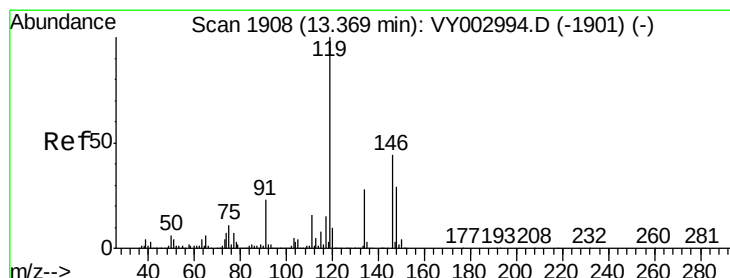
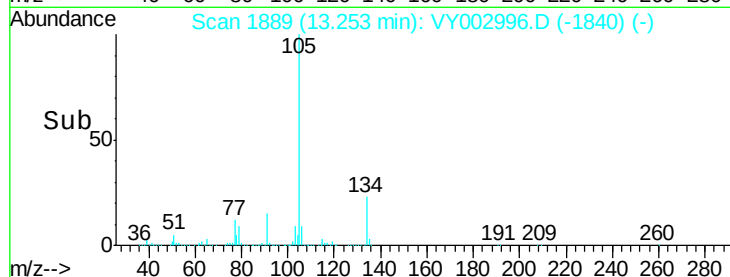
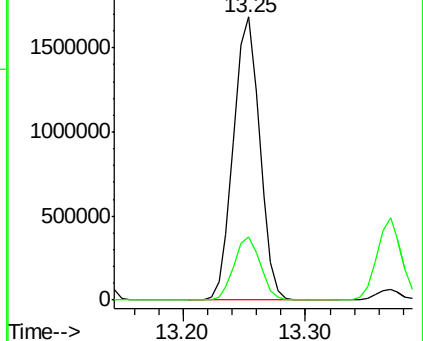
105 100

134 22.4 11.1 33.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 133.322 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

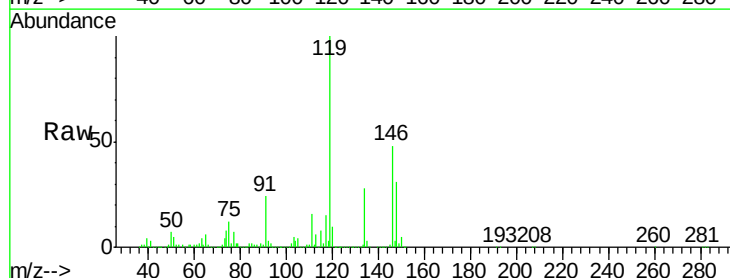
Tgt Ion:119 Resp: 2455926

Ion Ratio Lower Upper

119 100

134 27.8 13.8 41.4

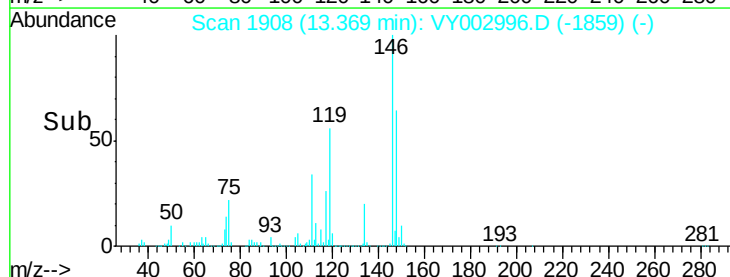
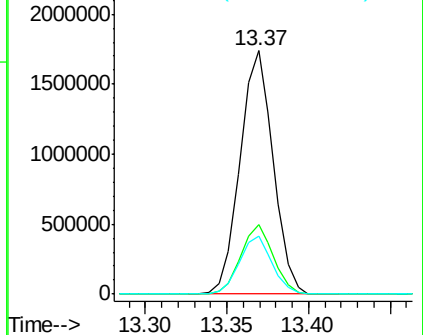
91 23.4 11.7 35.0

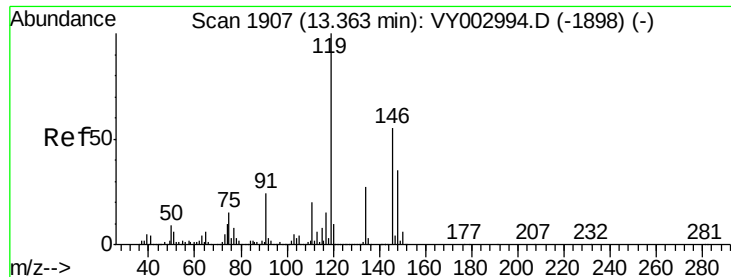


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

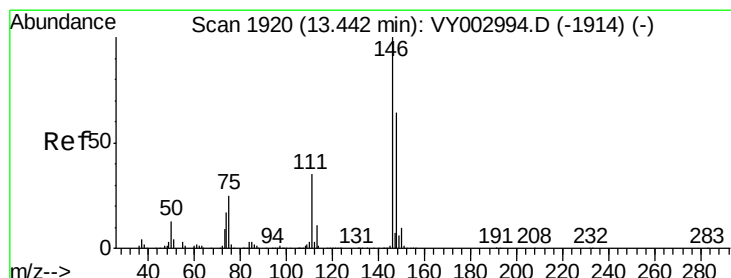
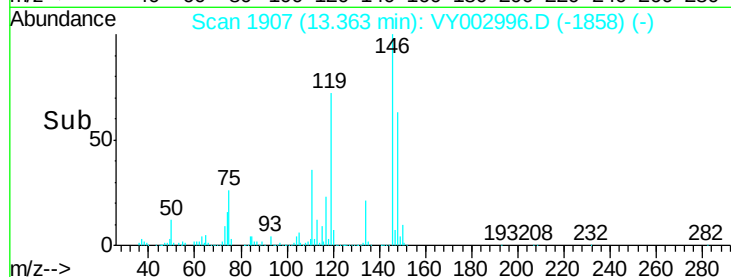
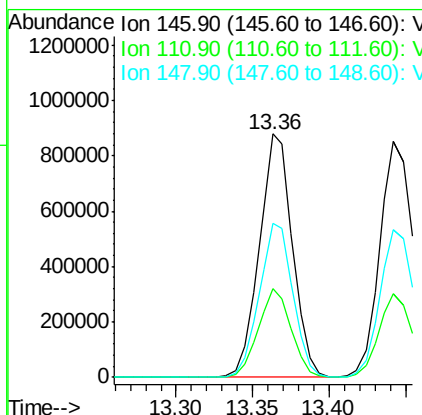
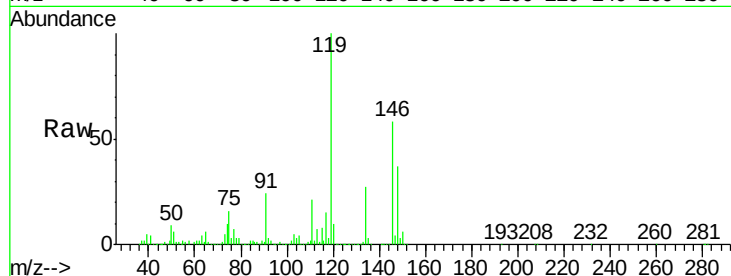




#87
 1,3-Dichlorobenzene
 Concen: 136.185 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

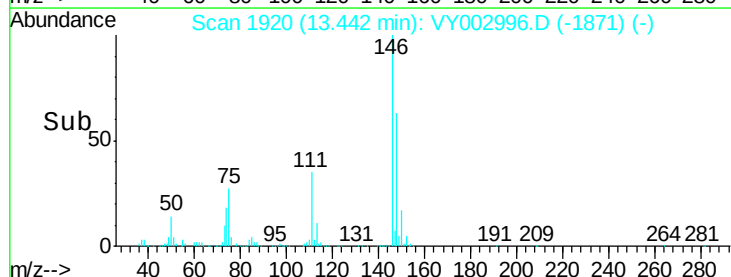
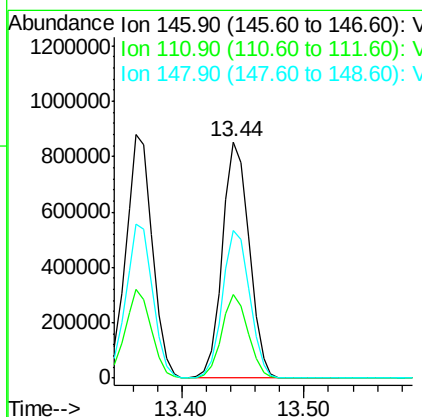
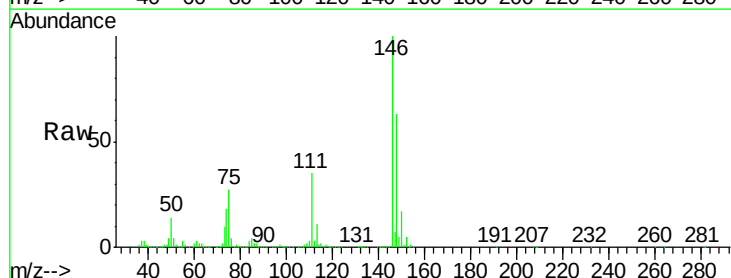
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

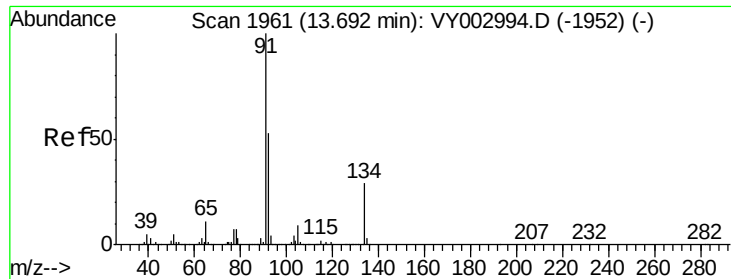
Tgt Ion:146 Resp: 1325257
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.4 55.2
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 135.316 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion:146 Resp: 1293426
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.8 53.4
 148 63.4 32.3 96.8





#89

n-Butylbenzene

Concen: 131.966 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

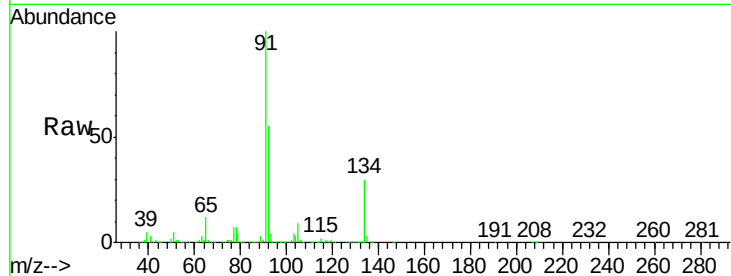
Tgt Ion: 91 Resp: 2097644

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.6

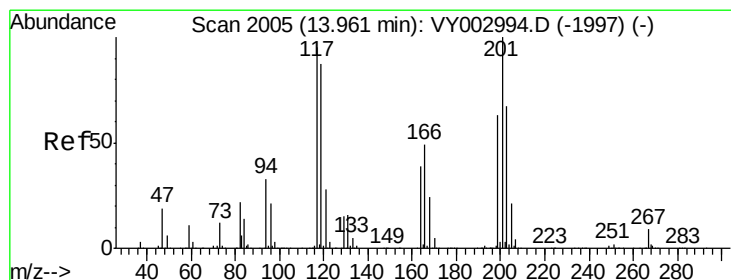
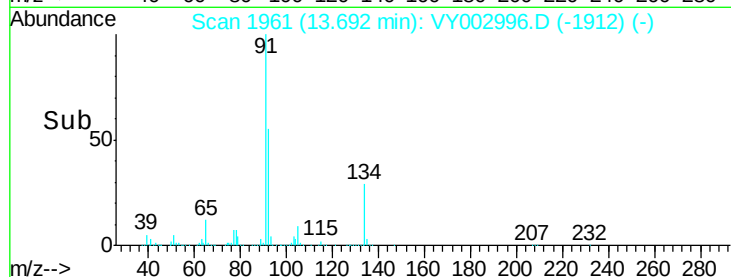
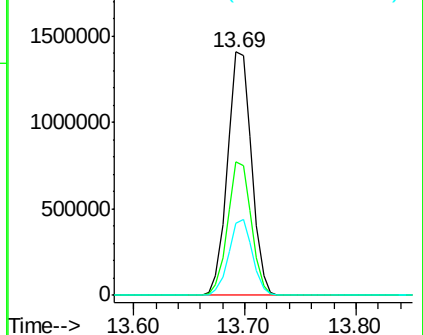
134 30.6 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VY002996.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VY002996.D (-1952) (-)

Ion 134.00 (133.70 to 134.70): VY002996.D (-1952) (-)



#90

Hexachloroethane

Concen: 137.252 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002996.D

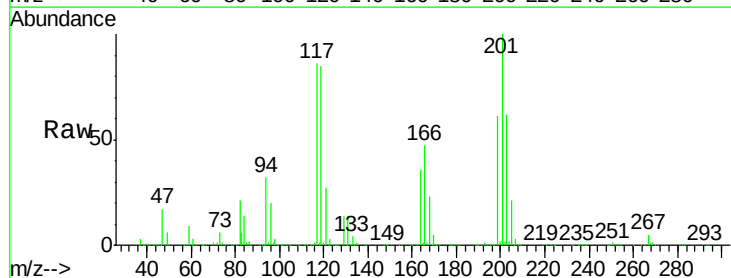
Acq: 25 Jun 2020 13:20

Tgt Ion: 117 Resp: 457789

Ion Ratio Lower Upper

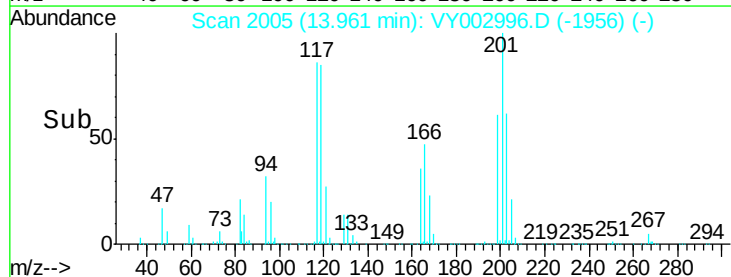
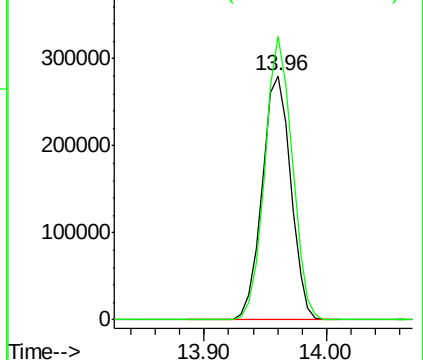
117 100

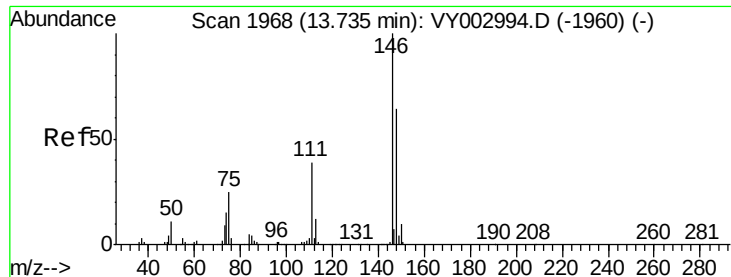
201 111.1 53.8 161.5



Abundance Ion 116.80 (116.50 to 117.50): VY002996.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002996.D (-1956) (-)

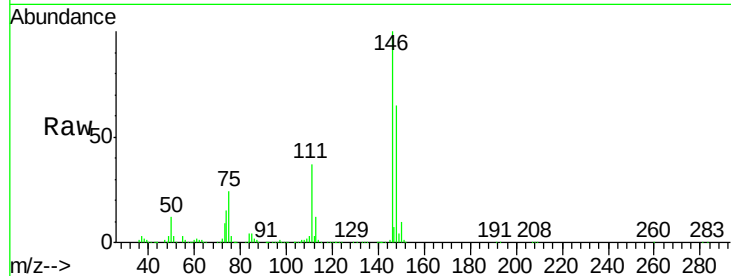




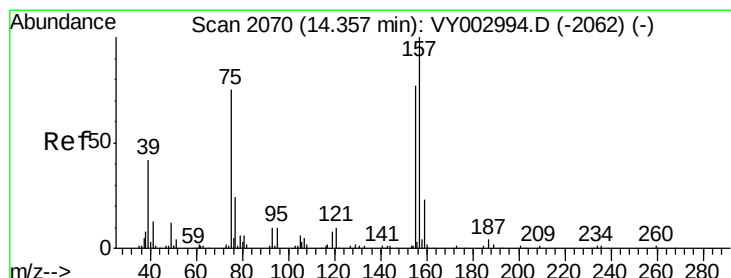
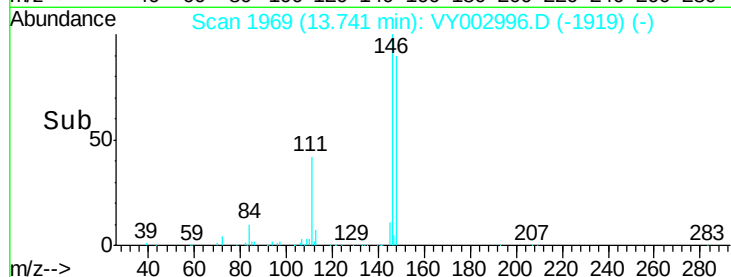
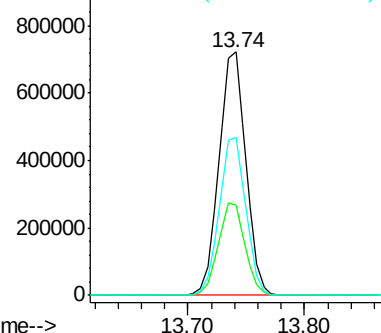
#91
 1,2-Dichlorobenzene
 Concen: 135.939 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1161960
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.7
 148 64.4 31.8 95.4

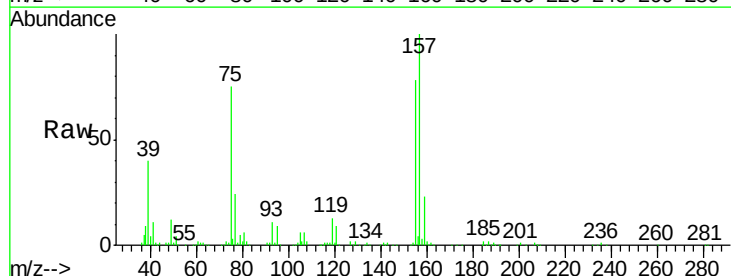


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

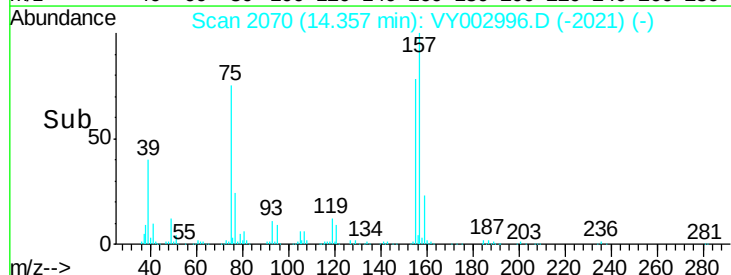
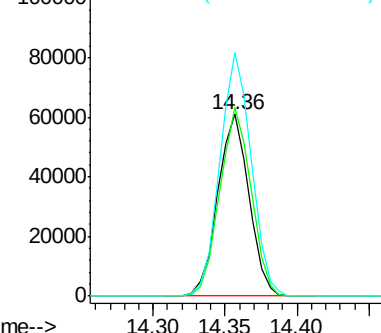


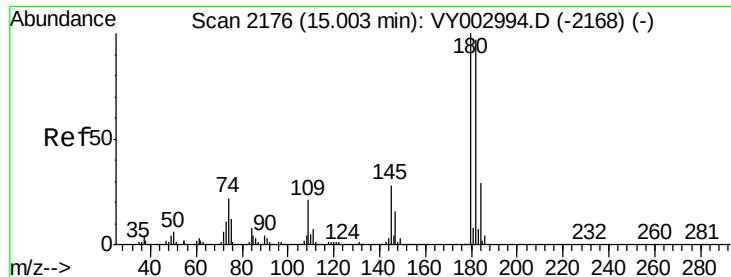
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 148.934 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion: 75 Resp: 91329
 Ion Ratio Lower Upper
 75 100
 155 103.9 51.3 153.9
 157 134.0 65.0 195.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

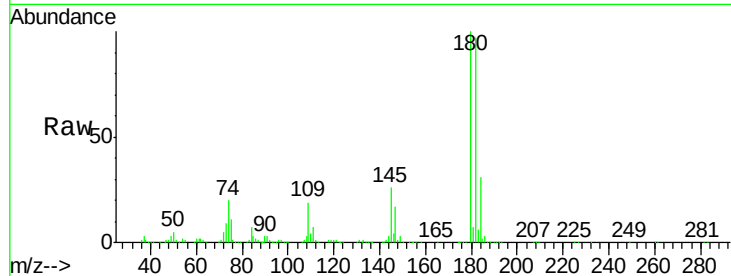




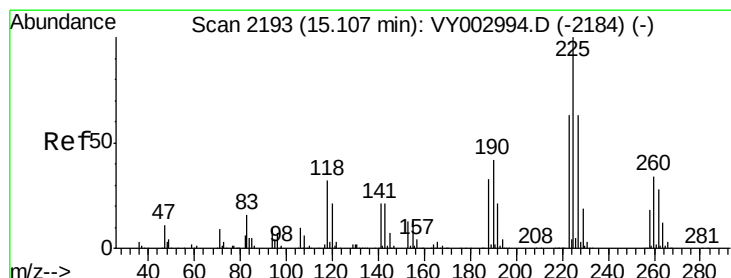
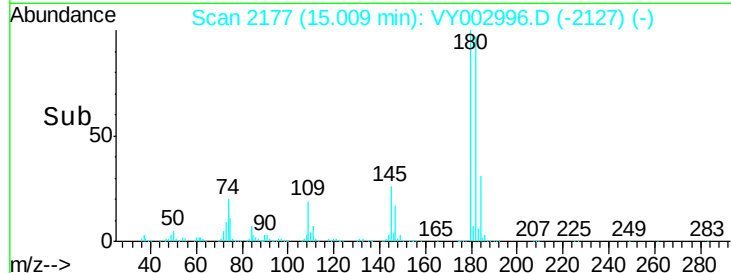
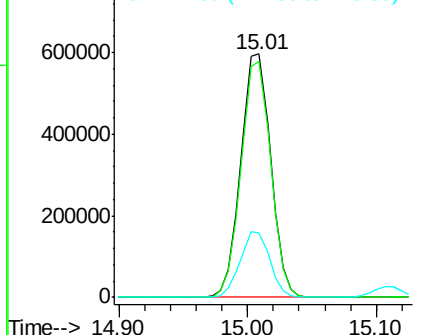
#93
 1,2,4-Trichlorobenzene
 Concen: 140.883 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 958321
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.4 145.2
 145 26.8 13.5 40.5

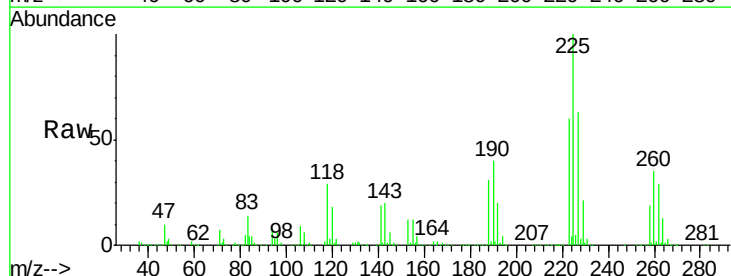


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

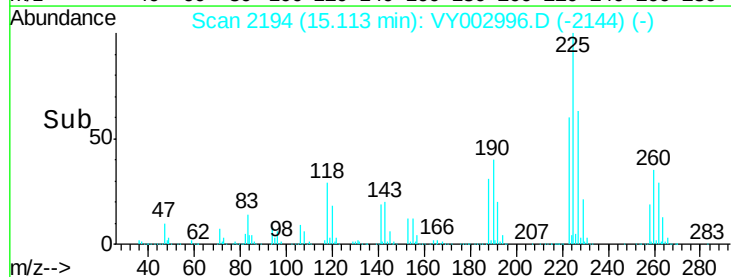
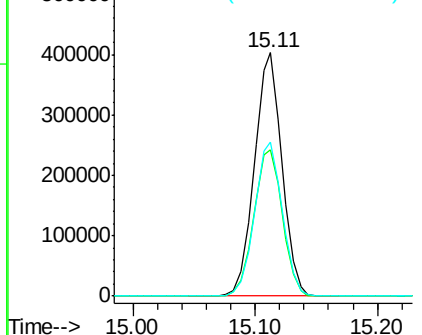


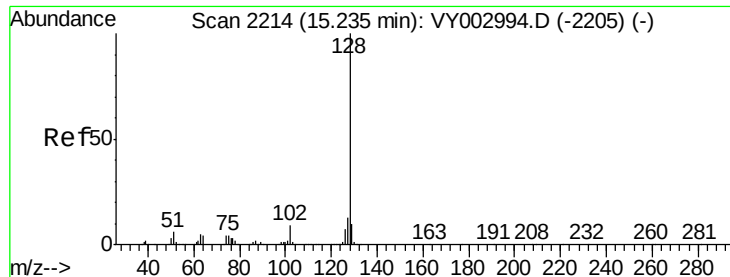
#94
 Hexachlorobutadiene
 Concen: 135.464 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion:225 Resp: 630622
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 94.8
 227 63.9 32.2 96.6



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





#95

Naphthalene

Concen: 149.090 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

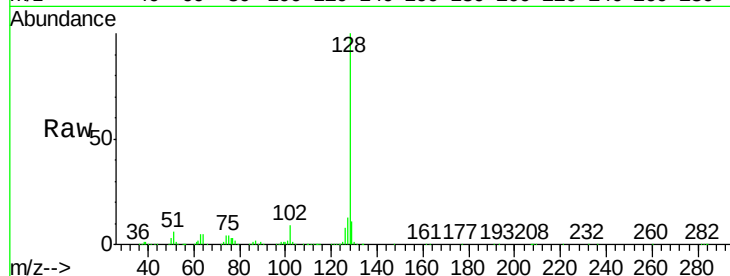
Tgt Ion:128 Resp: 1661459

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

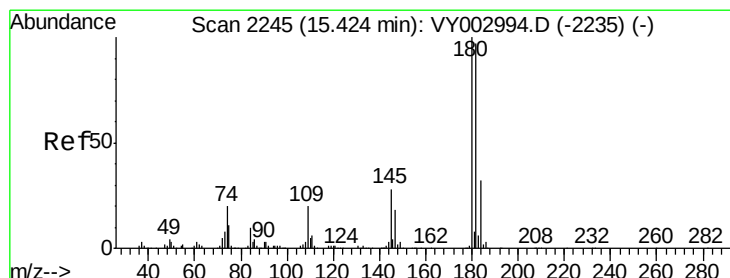
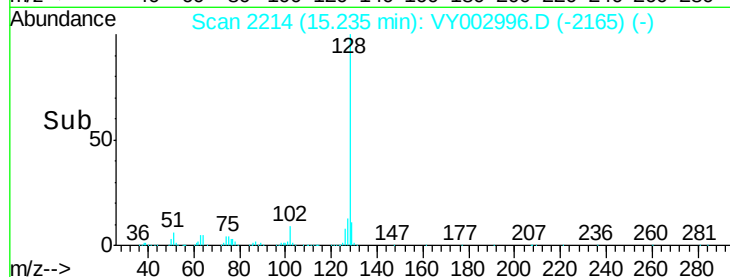
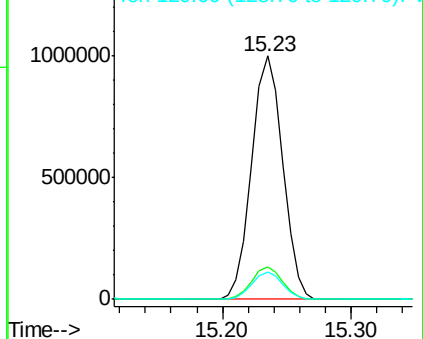
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 142.956 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

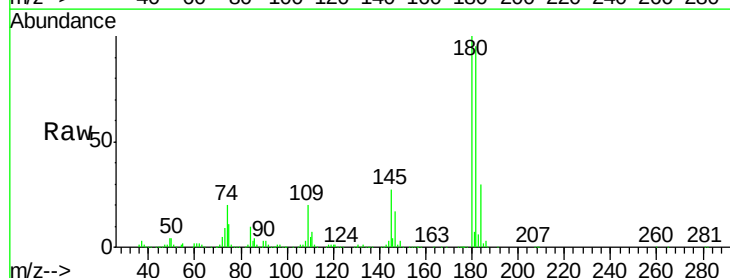
Tgt Ion:180 Resp: 838812

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.4

145 28.2 14.0 42.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

