

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062520\
 Data File : VY002992.D
 Acq On : 25 Jun 2020 11:48
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 25 13:03:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 12:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	529257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	695145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	625686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	326345	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	44114	10.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.64%	
35) Dibromofluoromethane	7.72	113	41269	10.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.54%	
50) Toluene-d8	10.18	98	165509	10.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.90%	
62) 4-Bromofluorobenzene	12.48	95	58475	10.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.18%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	29820	8.963 ug/l	100
3) Chloromethane	2.12	50	44061	11.312 ug/l	97
4) Vinyl Chloride	2.26	62	44141	10.664 ug/l	95
5) Bromomethane	2.65	94	30694	10.080 ug/l	97
6) Chloroethane	2.80	64	28111	10.538 ug/l	98
7) Trichlorofluoromethane	3.13	101	81057	10.755 ug/l	93
8) Diethyl Ether	3.53	74	24745	9.415 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	42820	9.610 ug/l	98
10) Methyl Iodide	4.10	142	59650	9.790 ug/l	99
11) Tert butyl alcohol	4.97	59	24465	46.602 ug/l #	84
12) 1,1-Dichloroethene	3.88	96	43451	9.884 ug/l	94
13) Acrolein	3.74	56	23534	53.830 ug/l	98
14) Allyl chloride	4.49	41	67647	10.457 ug/l	99
15) Acrylonitrile	5.18	53	57465	45.731 ug/l	98
16) Acetone	3.96	43	49252	46.313 ug/l	96
17) Carbon Disulfide	4.20	76	130263	10.039 ug/l	100
18) Methyl Acetate	4.49	43	25125	7.959 ug/l	99
19) Methyl tert-butyl Ether	5.22	73	121644	10.160 ug/l	96
20) Methylene Chloride	4.72	84	65854	9.512 ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	47311	9.774 ug/l	96
22) Diisopropyl ether	6.13	45	137870	10.613 ug/l	98
23) Vinyl Acetate	6.07	43	458229	54.381 ug/l	99
24) 1,1-Dichloroethane	6.02	63	77821	10.163 ug/l	96
25) 2-Butanone	6.99	43	77316	48.619 ug/l	95
26) 2,2-Dichloropropane	6.99	77	81669	11.255 ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	53748	9.969 ug/l	98
28) Bromochloromethane	7.34	49	29401	9.313 ug/l	98
29) Tetrahydrofuran	7.36	42	50769	49.163 ug/l	98
30) Chloroform	7.52	83	83598	10.415 ug/l	100
31) Cyclohexane	7.79	56	76631	10.345 ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	81152	10.896 ug/l	99
36) 1,1-Dichloropropene	7.92	75	66913	11.398 ug/l	99
37) Ethyl Acetate	7.08	43	37234	11.355 ug/l	96
38) Carbon Tetrachloride	7.91	117	76075	11.465 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	78761	10.537	ug/l	98
40) Benzene	8.17	78	180602	10.743	ug/l	98
41) Methacrylonitrile	7.35	41	47238	29.637	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	57499	11.944	ug/l	97
43) Isopropyl Acetate	8.28	43	65726	11.144	ug/l	99
44) Trichloroethene	8.94	130	58658	11.151	ug/l	99
45) 1,2-Dichloropropane	9.22	63	43848	10.876	ug/l	93
46) Dibromomethane	9.31	93	25619	10.589	ug/l	98
47) Bromodichloromethane	9.50	83	66315	11.607	ug/l	100
48) Methyl methacrylate	9.29	41	30898	11.592	ug/l	97
49) 1,4-Dioxane	9.30	88	6121	178.257	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	167673	51.765	ug/l	99
52) Toluene	10.24	92	124862	11.104	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	67468	10.508	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	76088	10.549	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	37779	10.253	ug/l	97
56) Ethyl methacrylate	10.51	69	50264	10.004	ug/l	95
57) 1,3-Dichloropropane	10.79	76	63808	10.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	108283	44.373	ug/l	99
59) 2-Hexanone	10.83	43	113390	50.170	ug/l	99
60) Dibromochloromethane	10.99	129	48910	10.223	ug/l	99
61) 1,2-Dibromoethane	11.09	107	37063	10.134	ug/l	95
64) Tetrachloroethene	10.72	164	61478	11.604	ug/l	98
65) Chlorobenzene	11.52	112	130548	10.940	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	53474	11.759	ug/l	98
67) Ethyl Benzene	11.59	91	231151	11.239	ug/l	98
68) m/p-Xylenes	11.70	106	178493	22.388	ug/l	100
69) o-Xylene	12.03	106	86229	11.471	ug/l	99
70) Styrene	12.04	104	146623	11.292	ug/l	99
71) Bromoform	12.20	173	36106	11.699	ug/l #	98
73) Isopropylbenzene	12.33	105	236149	11.884	ug/l	100
74) N-amyl acetate	12.14	43	63433	12.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	40001	10.864	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	60493	21.422	ug/l #	100
77) Bromobenzene	12.61	156	63971	12.133	ug/l	99
78) n-propylbenzene	12.67	91	273016	11.849	ug/l	99
79) 2-Chlorotoluene	12.75	91	155373	12.027	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	201760	12.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16032	10.990	ug/l	97
82) 4-Chlorotoluene	12.85	91	164528	12.107	ug/l	100
83) tert-Butylbenzene	13.08	119	180535	12.018	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	209643	12.493	ug/l	99
85) sec-Butylbenzene	13.25	105	241678	12.010	ug/l	100
86) p-Isopropyltoluene	13.37	119	208510	10.993	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	111064	11.267	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	105674	10.643	ug/l	96
89) n-Butylbenzene	13.69	91	176108	10.234	ug/l	99
90) Hexachloroethane	13.96	117	37199	10.564	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	94374	10.474	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6929	10.228	ug/l	99

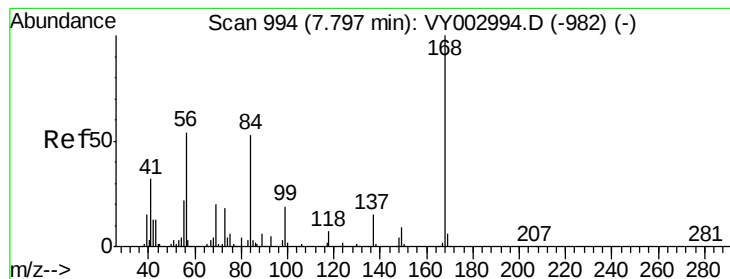
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY062520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	77505	11.614	ug/l	99
94) Hexachlorobutadiene	15.11	225	54429	13.655	ug/l	99
95) Naphthalene	15.23	128	125236	9.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	66939	11.187	ug/l	97

(#) = 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: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

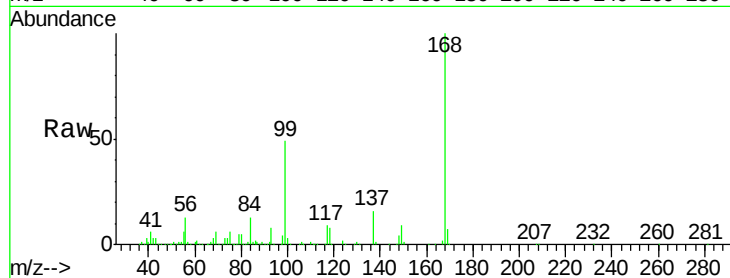
VSTDIC010

Tgt Ion:168 Resp: 529257

Ion Ratio Lower Upper

168 100

99 49.2 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VY002992.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY002992.D (-982) (-)

7.80

250000

200000

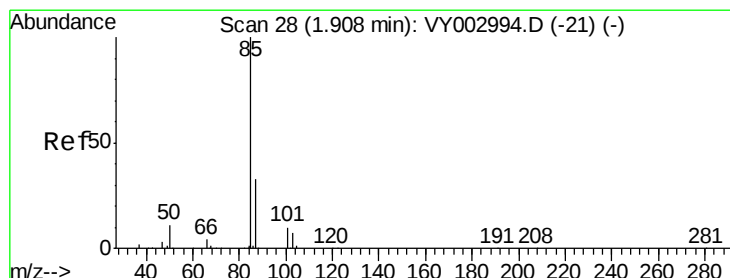
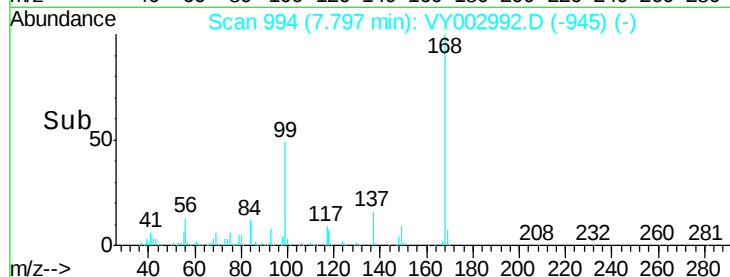
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 8.963 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002992.D

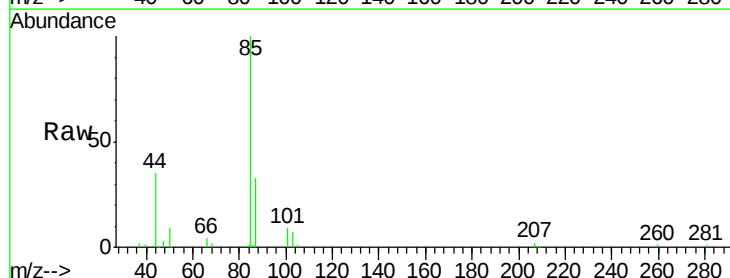
Acq: 25 Jun 2020 11:48

Tgt Ion: 85 Resp: 29820

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002992.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002992.D (-21) (-)

1.91

20000

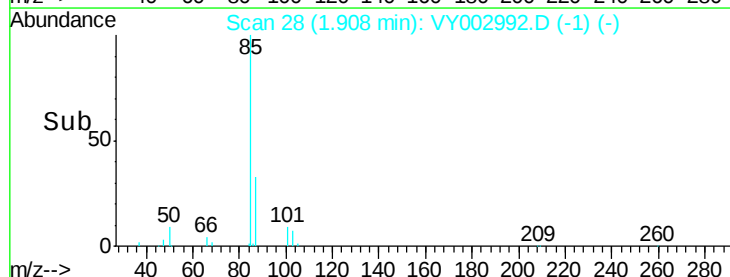
15000

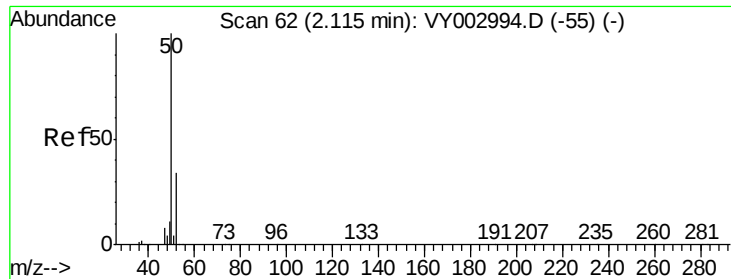
10000

5000

0

Time-->





#3

Chloromethane

Concen: 11.312 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

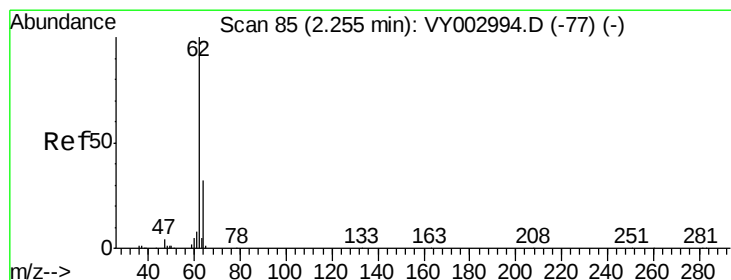
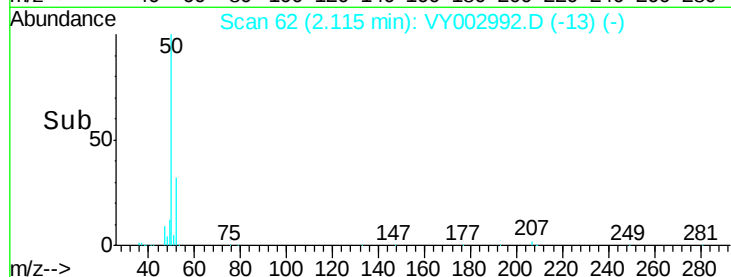
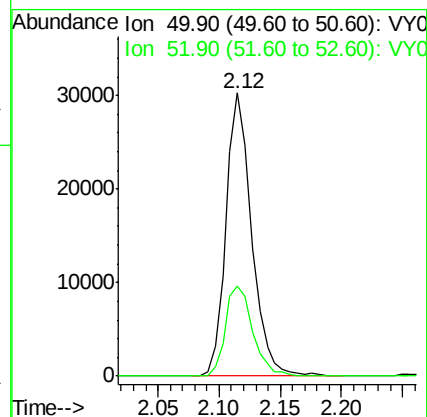
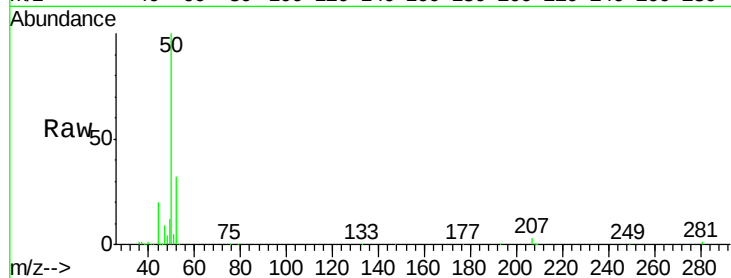
VSTDIC010

Tgt Ion: 50 Resp: 44061

Ion Ratio Lower Upper

50 100

52 32.0 27.1 40.7



#4

Vinyl Chloride

Concen: 10.664 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002992.D

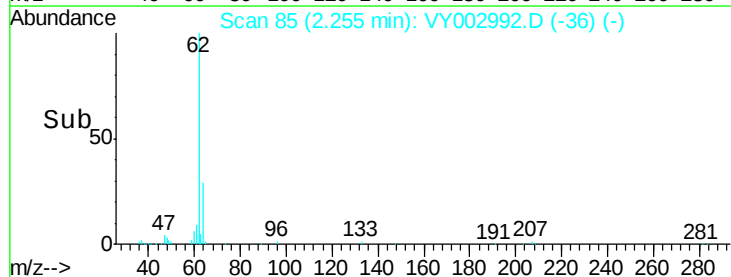
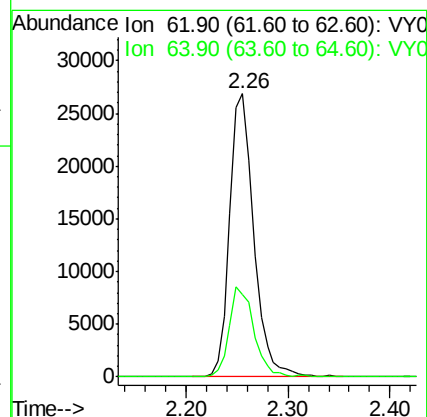
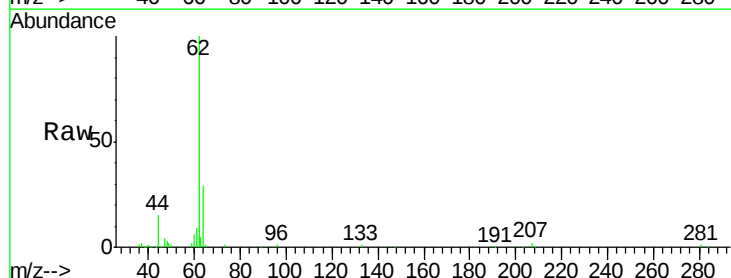
Acq: 25 Jun 2020 11:48

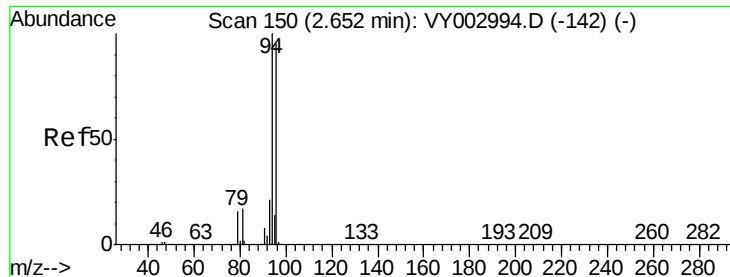
Tgt Ion: 62 Resp: 44141

Ion Ratio Lower Upper

62 100

64 29.2 25.5 38.3





#5

Bromomethane

Concen: 10.080 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

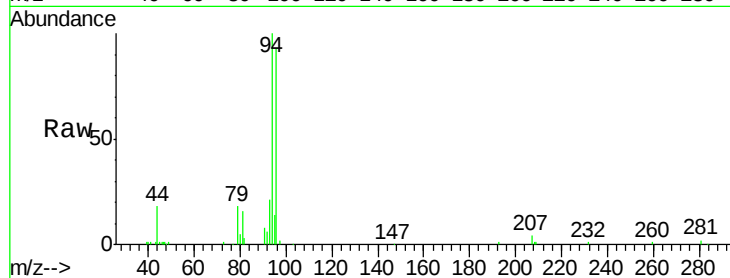
VSTDIC010

Tgt Ion: 94 Resp: 30694

Ion Ratio Lower Upper

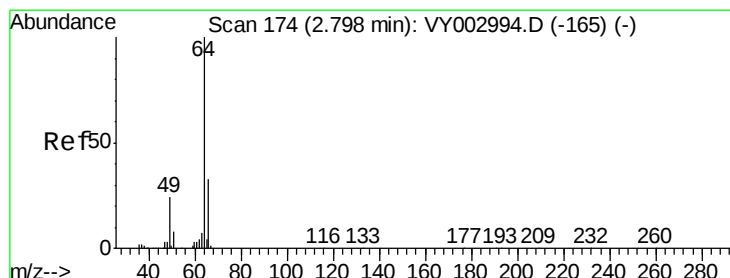
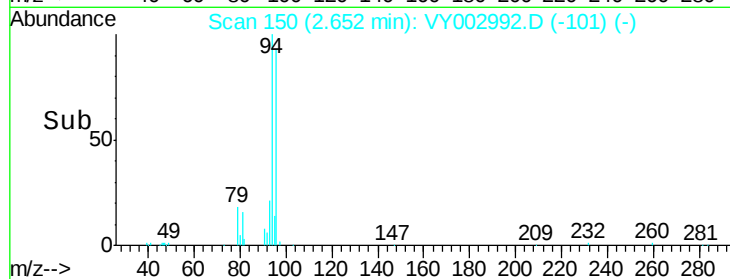
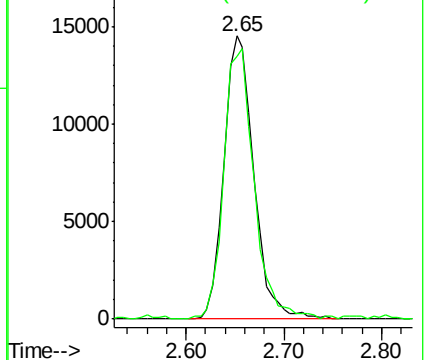
94 100

96 92.9 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 10.538 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002992.D

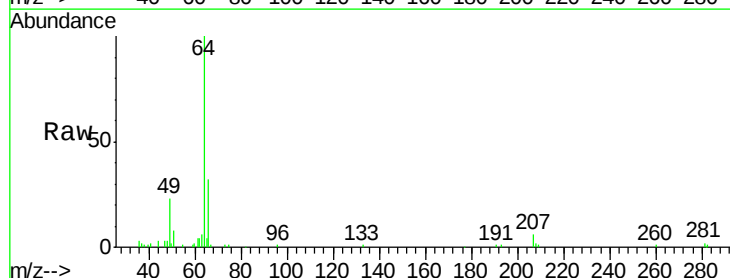
Acq: 25 Jun 2020 11:48

Tgt Ion: 64 Resp: 28111

Ion Ratio Lower Upper

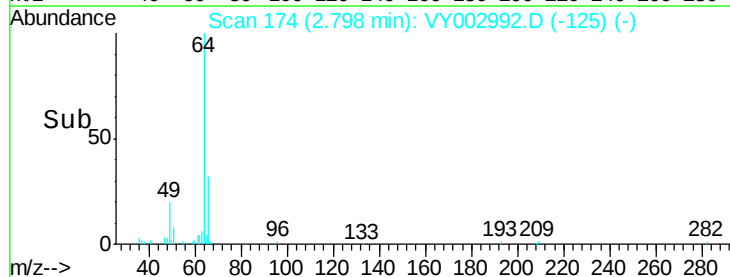
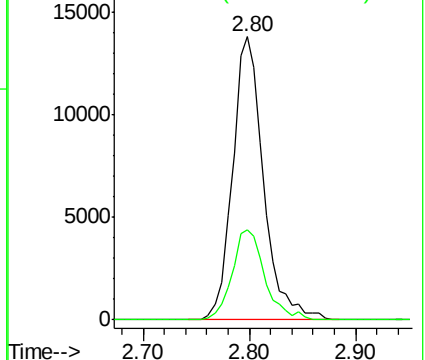
64 100

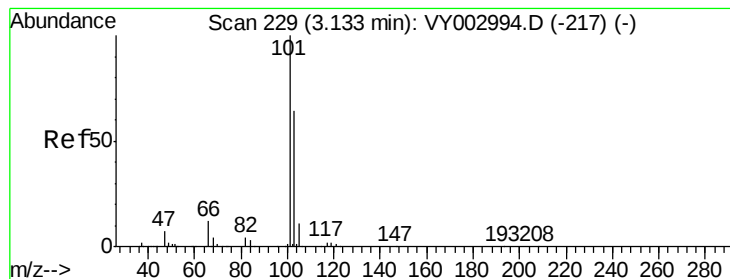
66 32.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



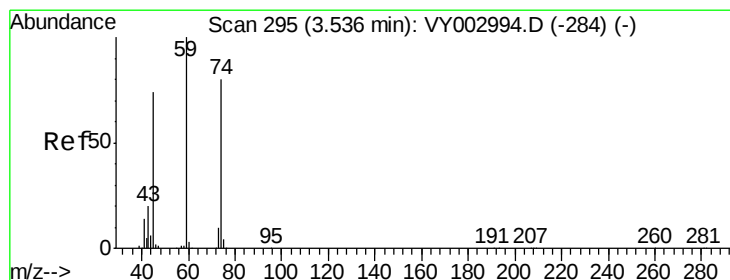
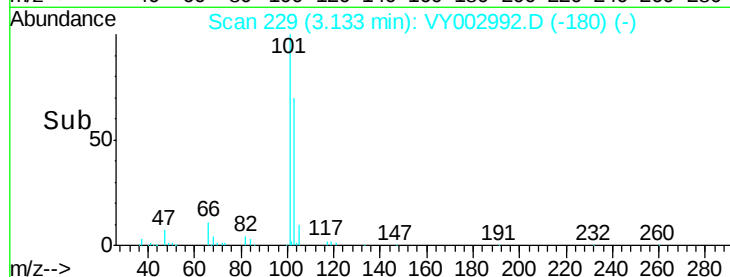
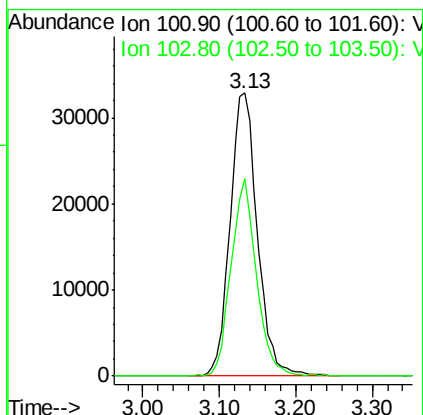
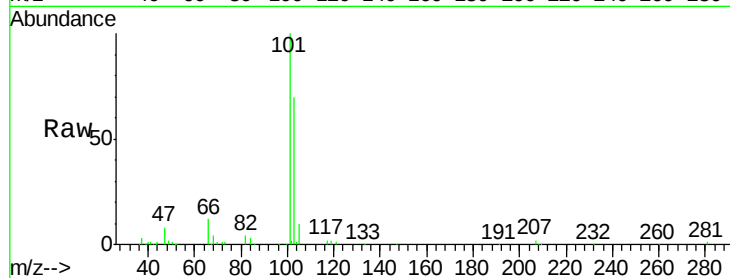


#7

Trichlorofluoromethane
 Concen: 10.755 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

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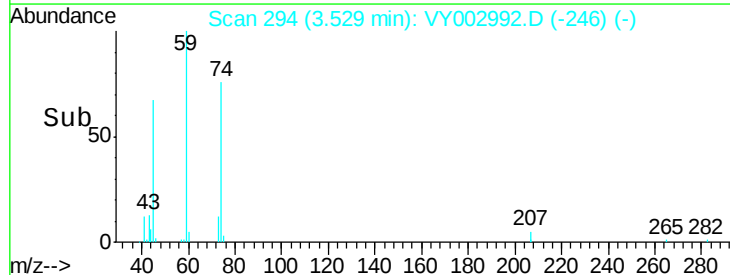
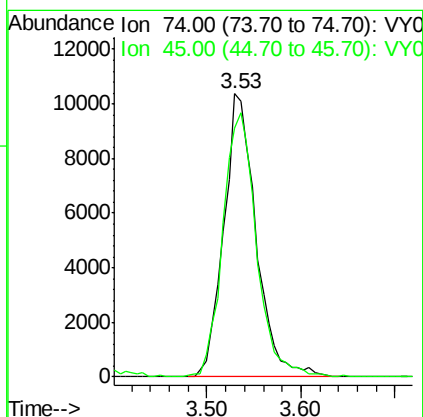
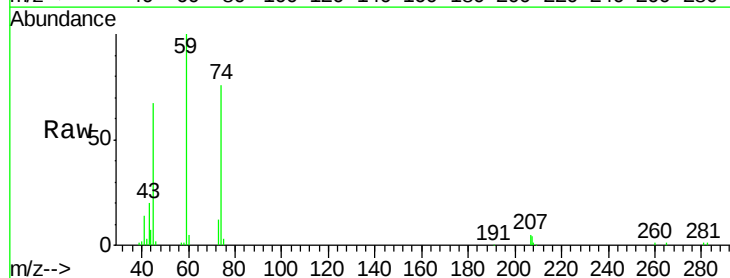
Tgt Ion:101 Resp: 81057
 Ion Ratio Lower Upper
 101 100
 103 69.7 51.3 76.9

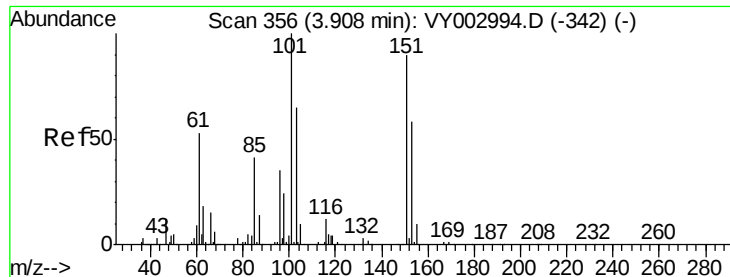


#8

Diethyl Ether
 Concen: 9.415 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion: 74 Resp: 24745
 Ion Ratio Lower Upper
 74 100
 45 96.8 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.610 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

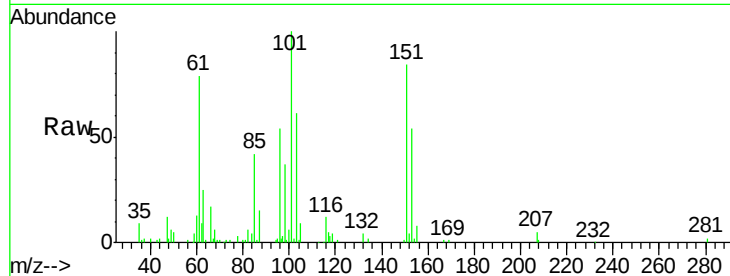
Tgt Ion:101 Resp: 42820

Ion Ratio Lower Upper

101 100

85 45.9 35.0 52.4

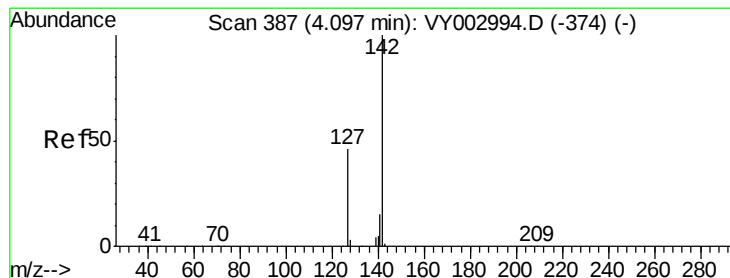
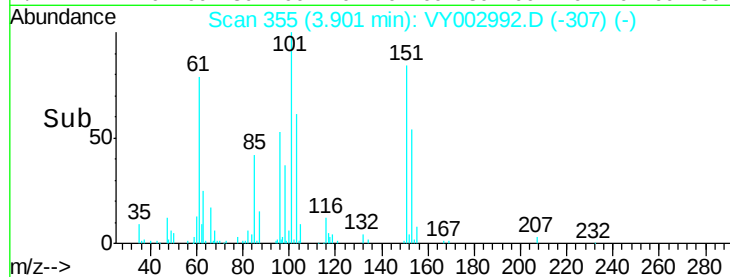
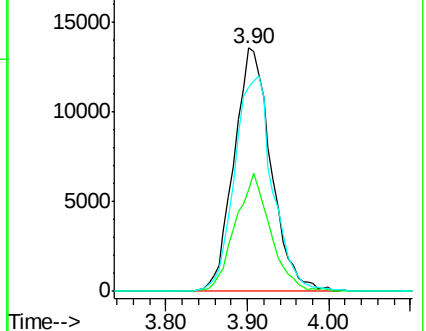
151 91.0 72.2 108.4



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: 9.790 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

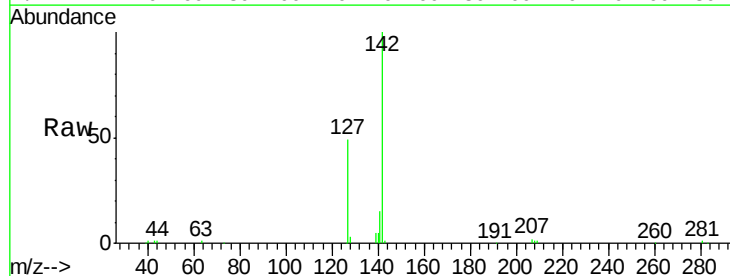
Tgt Ion:142 Resp: 59650

Ion Ratio Lower Upper

142 100

127 45.4 35.8 53.8

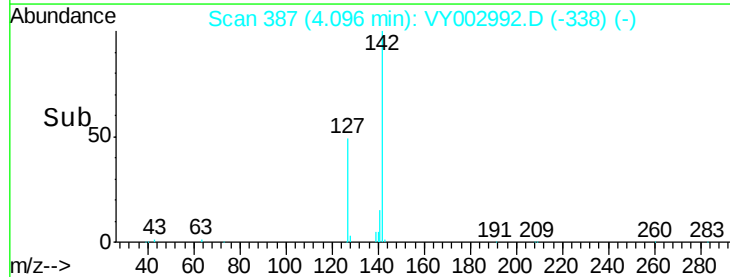
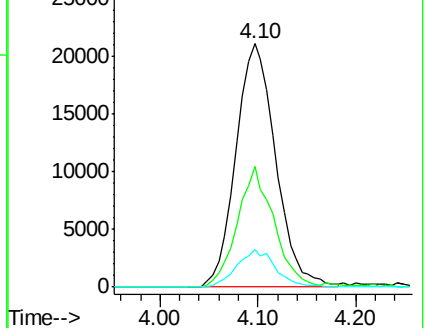
141 15.0 11.7 17.5

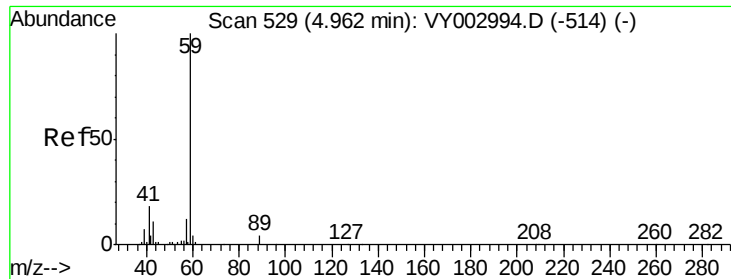


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

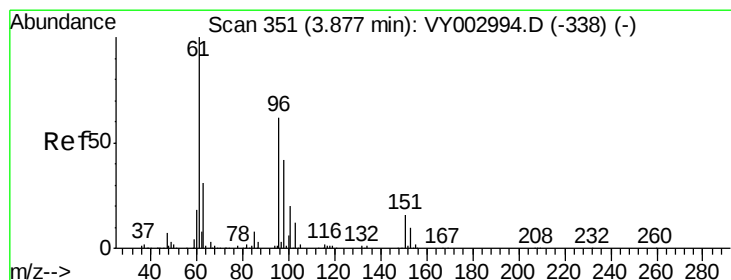
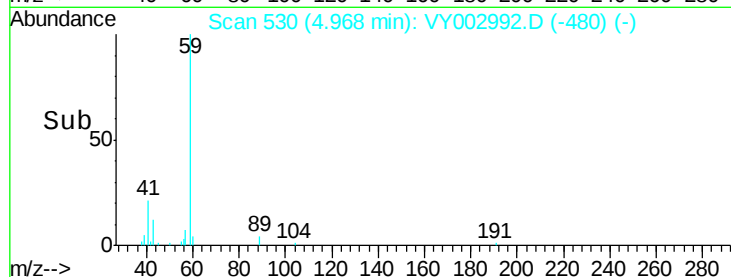
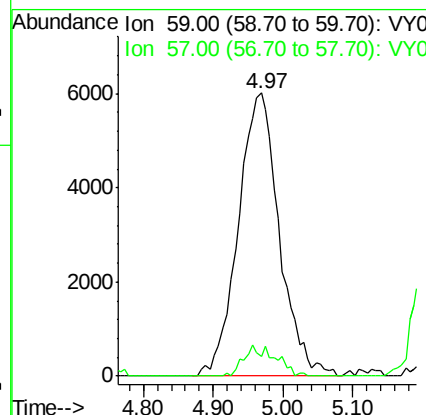
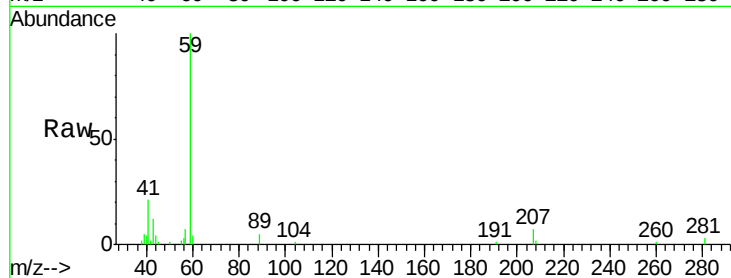




#11
Tert butyl alcohol
Concen: 46.602 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

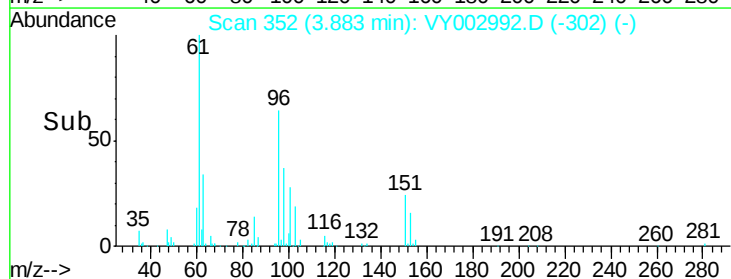
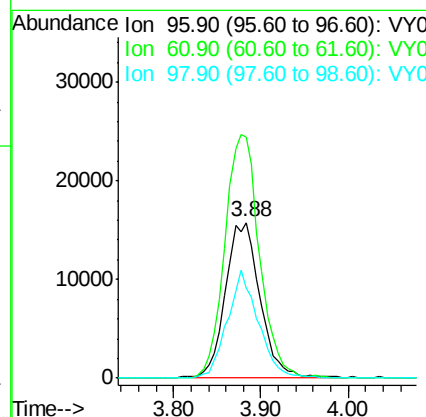
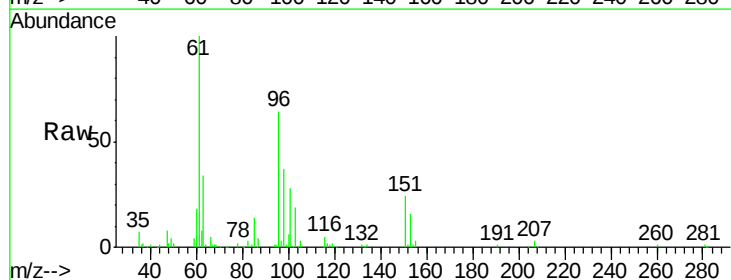
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

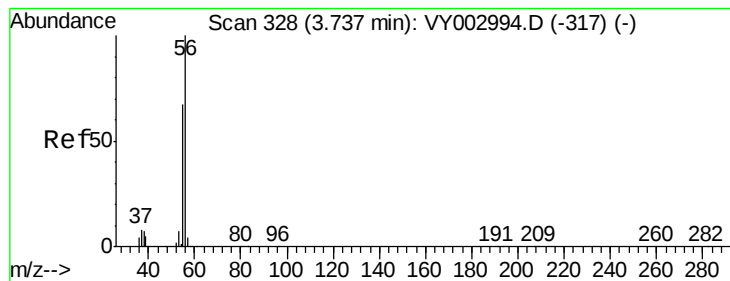
Tgt Ion: 59 Resp: 24465
Ion Ratio Lower Upper
59 100
57 4.4 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 9.884 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 96 Resp: 43451
Ion Ratio Lower Upper
96 100
61 155.3 128.1 192.1
98 58.2 53.5 80.3





#13

Acrolein

Concen: 53.830 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

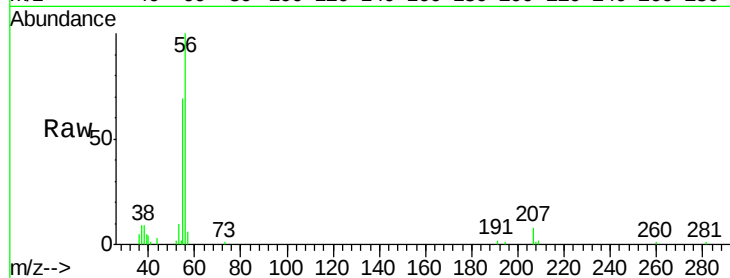
VSTDIC010

Tgt Ion: 56 Resp: 23534

Ion Ratio Lower Upper

56 100

55 73.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

10000

8000

6000

4000

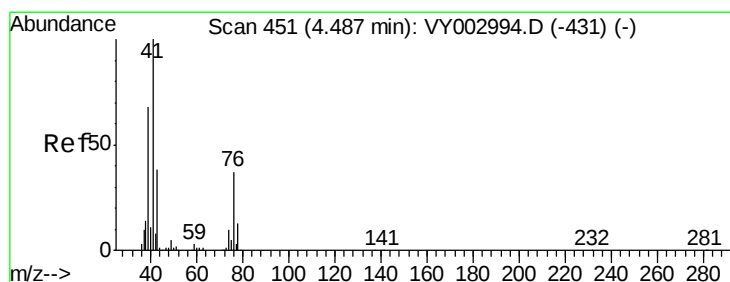
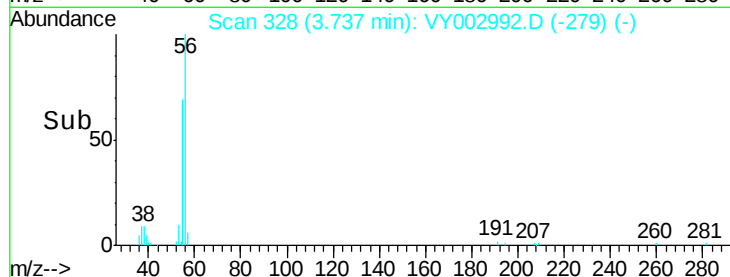
2000

0

Time-->

3.70

3.80



#14

Allyl chloride

Concen: 10.457 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

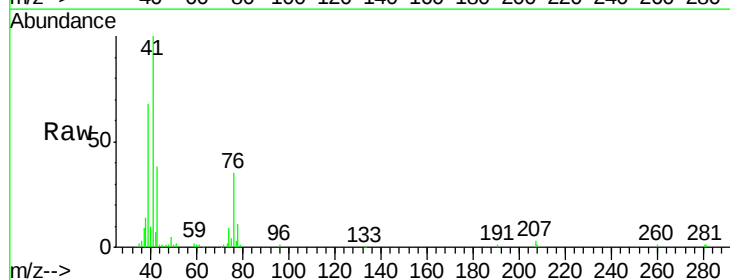
Tgt Ion: 41 Resp: 67647

Ion Ratio Lower Upper

41 100

39 67.2 53.1 79.7

76 36.9 30.0 45.0



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

30000

25000

20000

15000

10000

5000

0

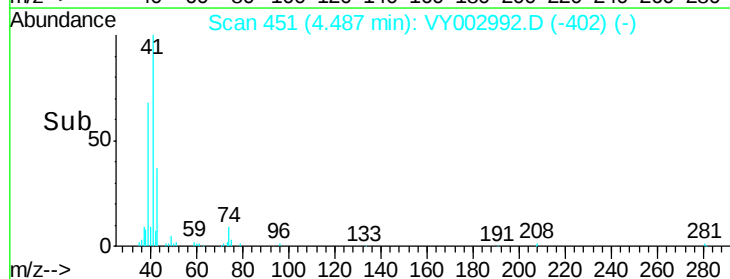
Time-->

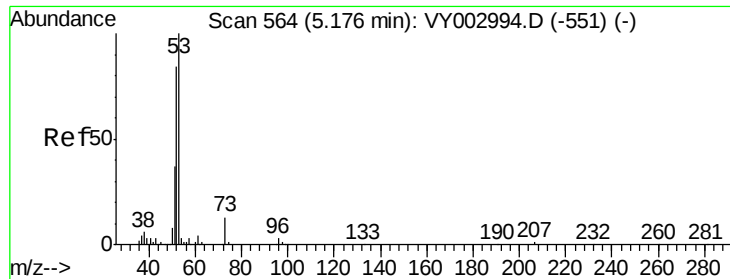
4.30

4.40

4.50

4.60





#15

Acrylonitrile

Concen: 45.731 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

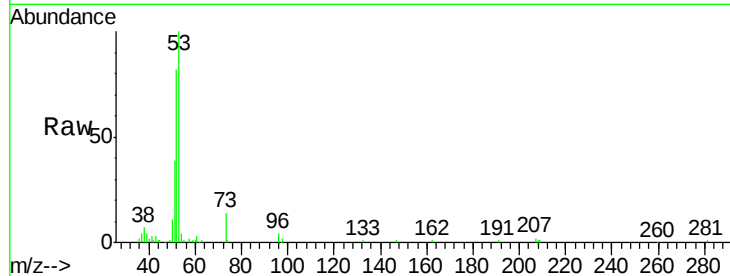
Tgt Ion: 53 Resp: 57465

Ion Ratio Lower Upper

53 100

52 83.0 68.0 102.0

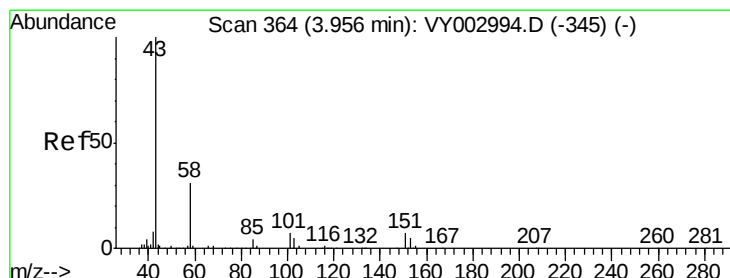
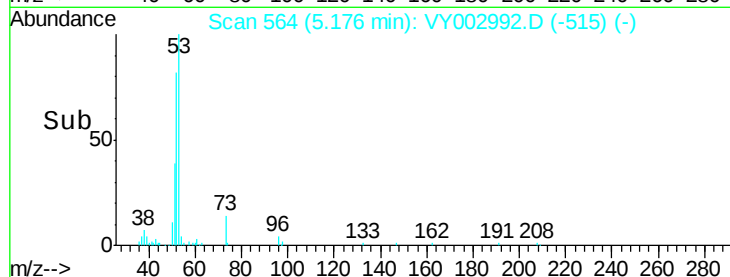
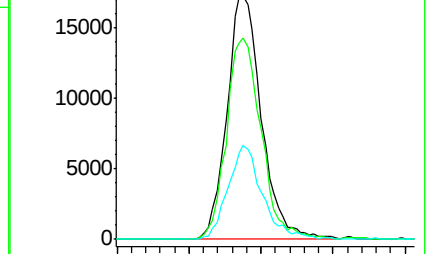
51 38.2 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VY002992.D (-551) (-)

Ion 52.00 (51.70 to 52.70): VY002992.D (-551) (-)

Ion 51.00 (50.70 to 51.70): VY002992.D (-551) (-)



#16

Acetone

Concen: 46.313 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002992.D

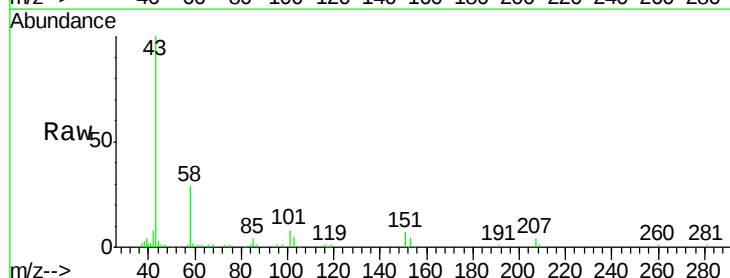
Acq: 25 Jun 2020 11:48

Tgt Ion: 43 Resp: 49252

Ion Ratio Lower Upper

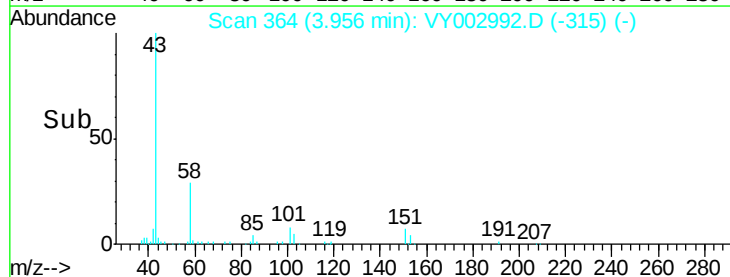
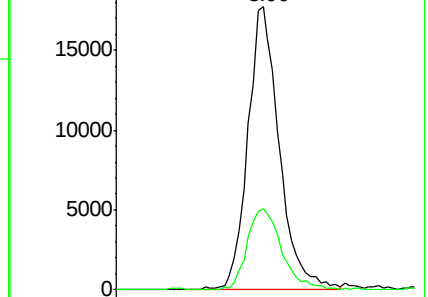
43 100

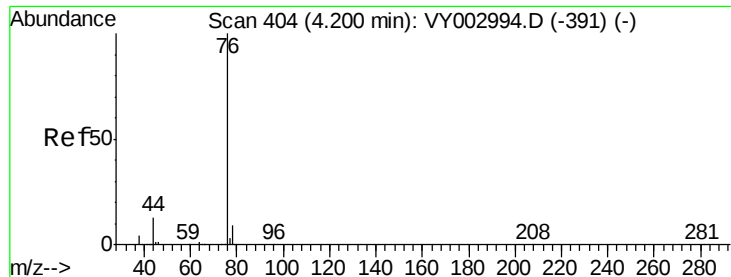
58 28.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VY002992.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VY002992.D (-345) (-)

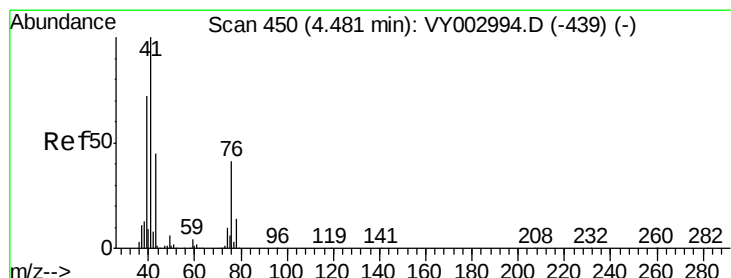
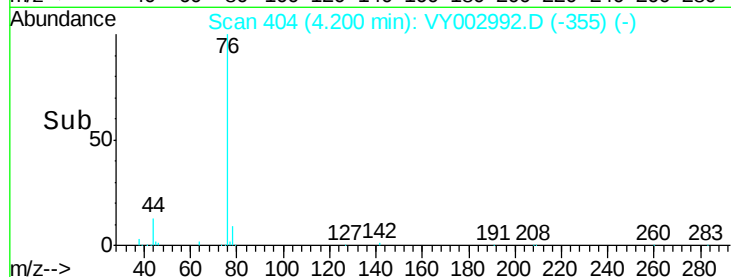
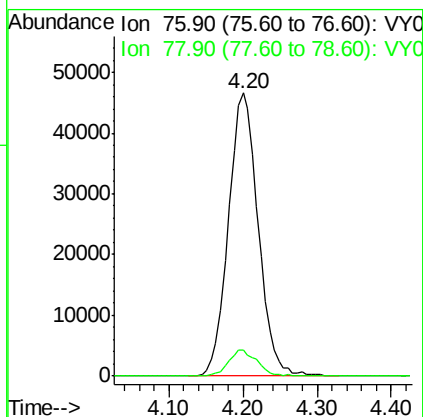
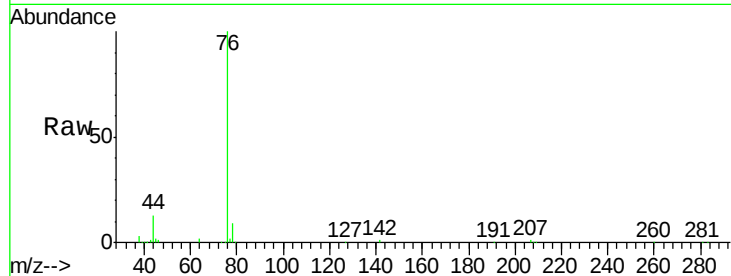




#17
Carbon Disulfide
Concen: 10.039 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

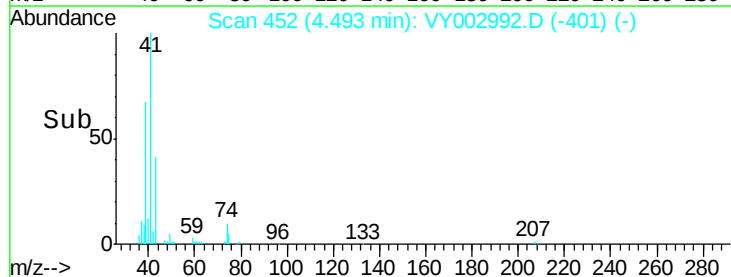
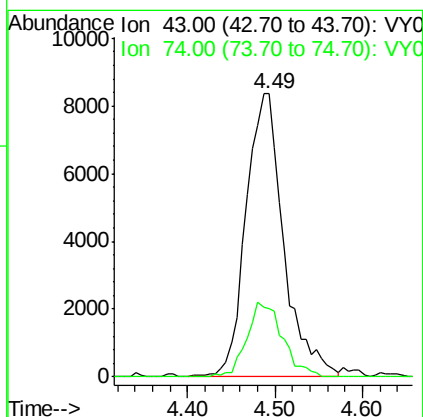
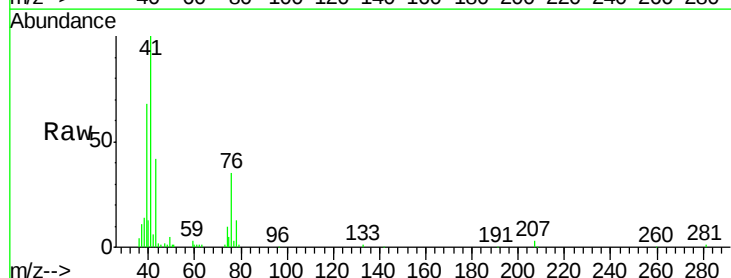
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

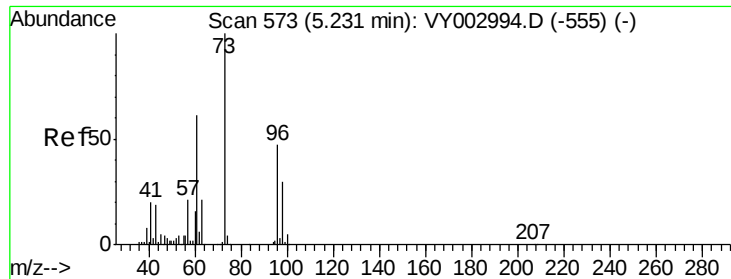
Tgt Ion: 76 Resp: 130263
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 7.959 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 43 Resp: 25125
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6

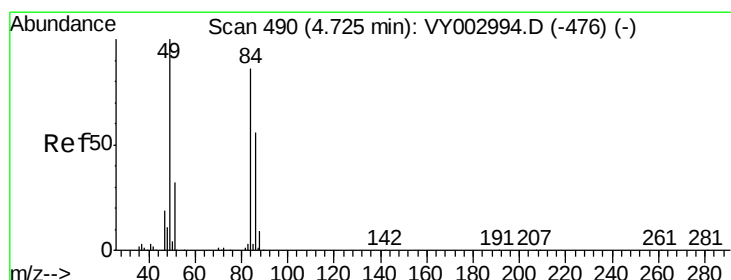
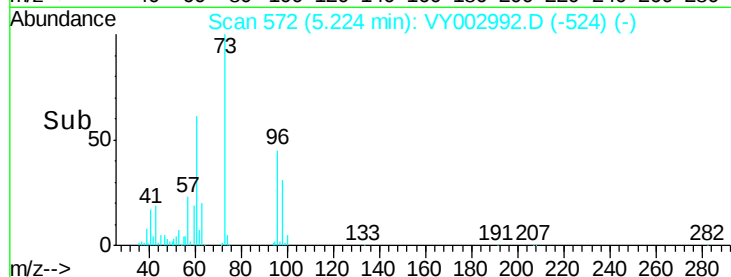
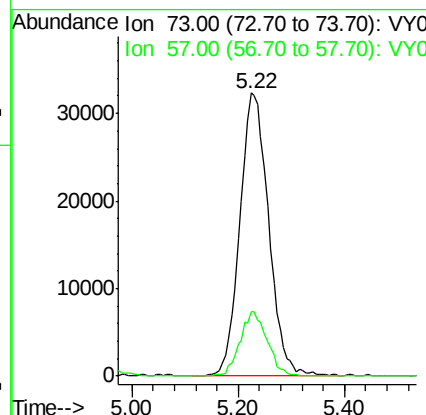
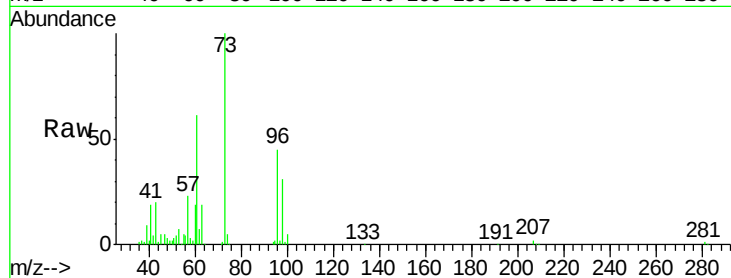




#19
Methyl tert-butyl Ether
Concen: 10.160 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

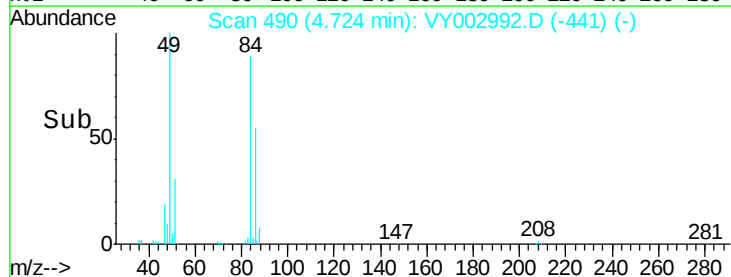
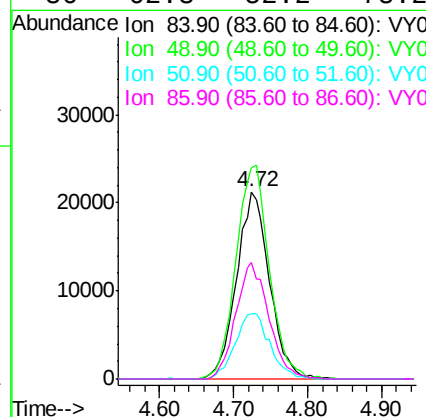
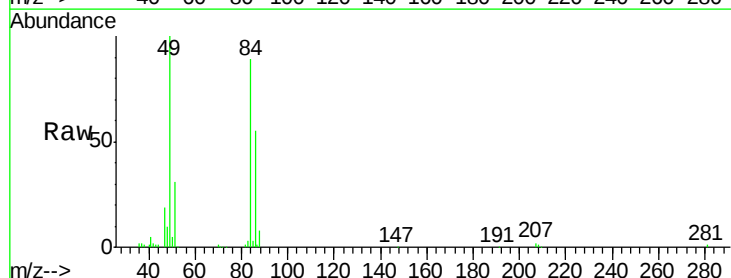
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

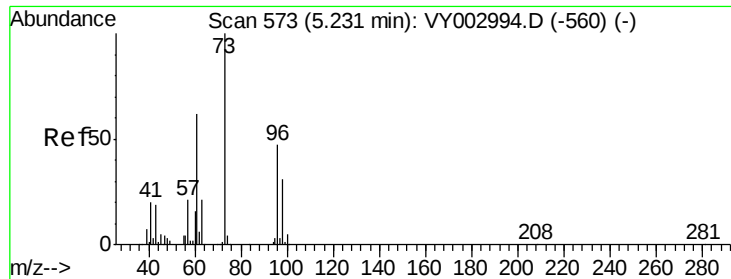
Tgt Ion: 73 Resp: 121644
Ion Ratio Lower Upper
73 100
57 23.0 17.0 25.4



#20
Methylene Chloride
Concen: 9.512 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 84 Resp: 65854
Ion Ratio Lower Upper
84 100
49 112.7 92.6 138.8
51 34.9 29.8 44.8
86 62.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 9.774 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

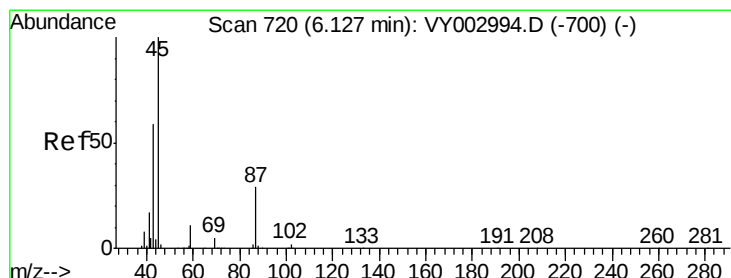
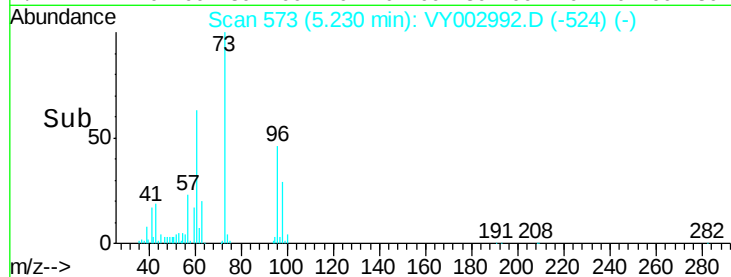
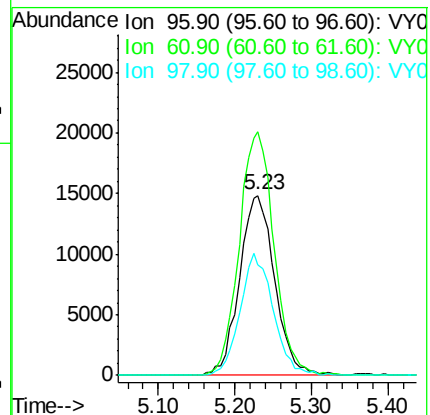
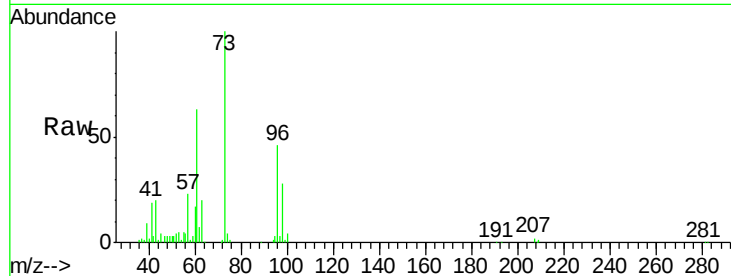
Tgt Ion: 96 Resp: 47311

Ion Ratio Lower Upper

96 100

61 135.5 104.0 156.0

98 61.6 51.6 77.4



#22

Diisopropyl ether

Concen: 10.613 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Tgt Ion: 45 Resp: 137870

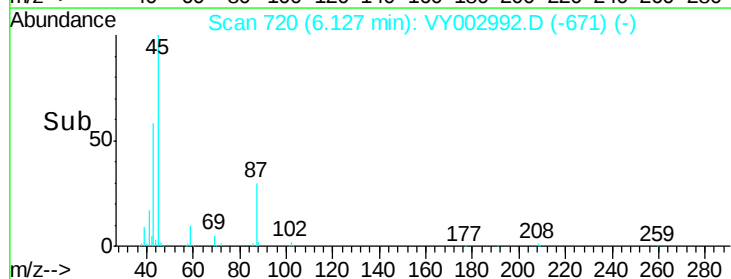
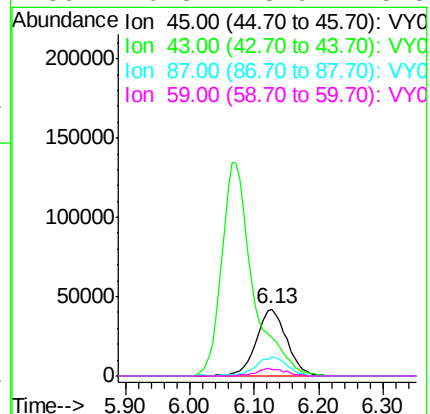
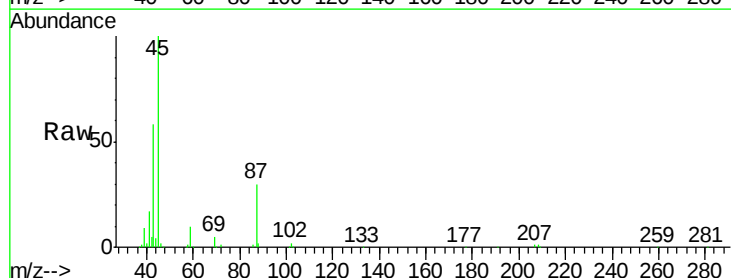
Ion Ratio Lower Upper

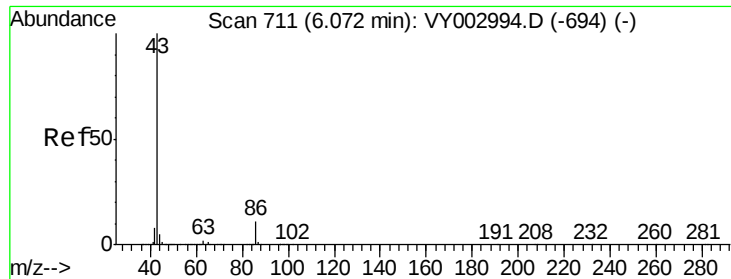
45 100

43 57.3 47.5 71.3

87 29.5 23.3 34.9

59 10.3 8.9 13.3

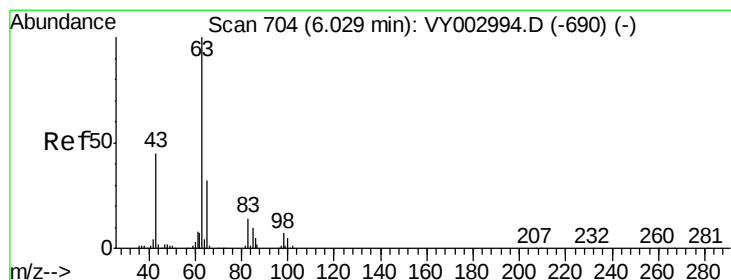
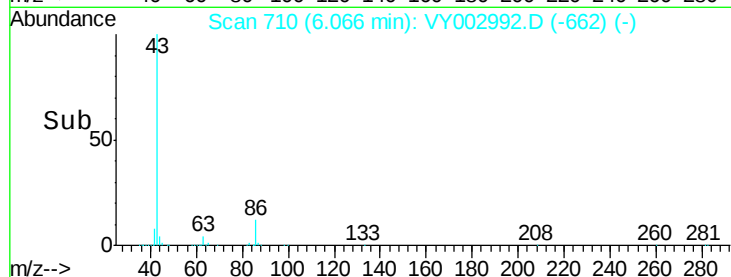
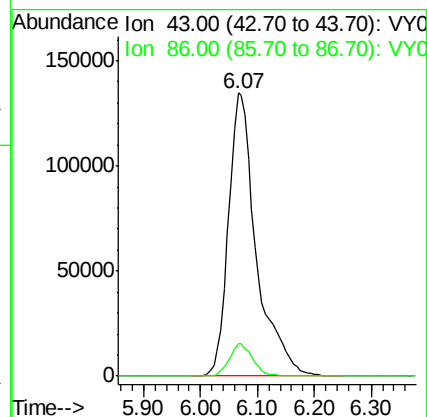
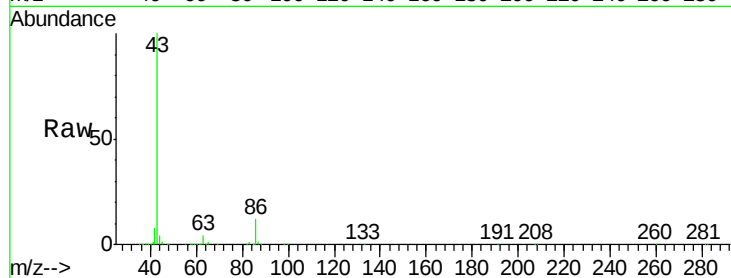




#23
 Vinyl Acetate
 Concen: 54.381 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

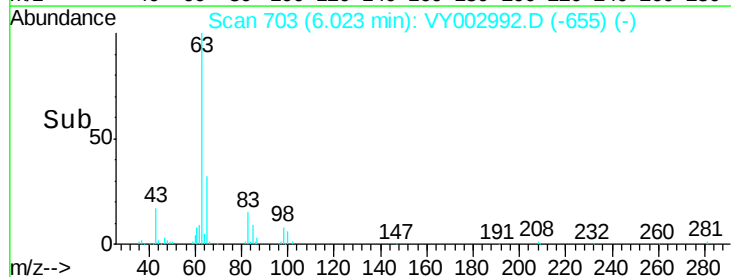
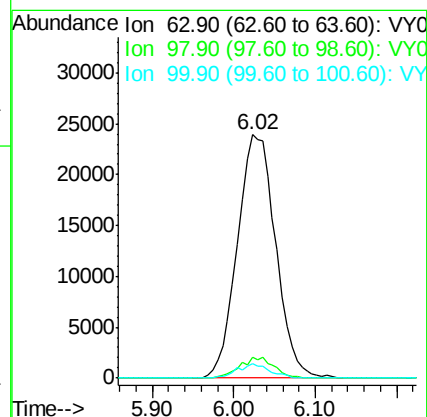
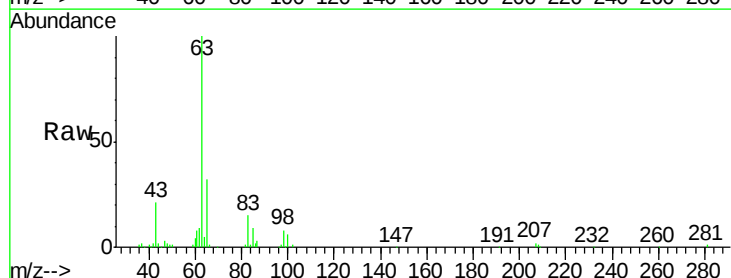
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

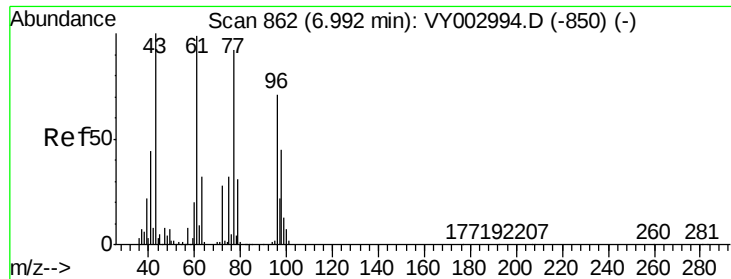
Tgt Ion: 43 Resp: 458229
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 10.163 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion: 63 Resp: 77821
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.4
 100 6.0 2.4 7.1





#25

2-Butanone

Concen: 48.619 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

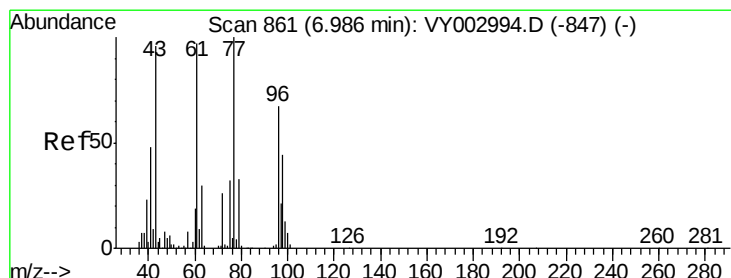
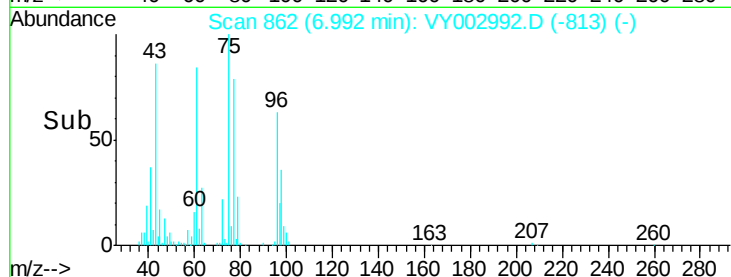
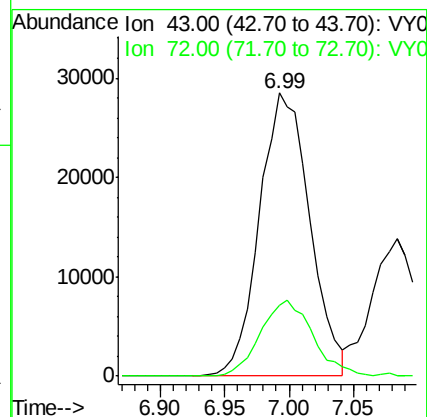
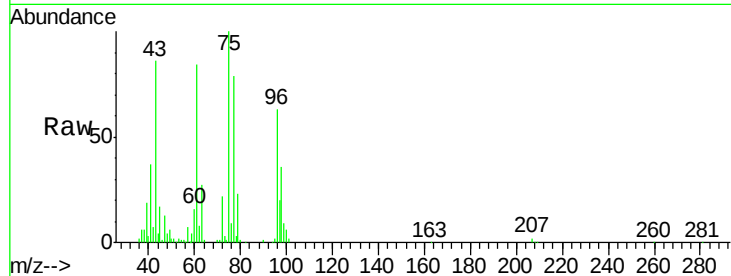
VSTDIC010

Tgt Ion: 43 Resp: 77316

Ion Ratio Lower Upper

43 100

72 25.1 22.3 33.5



#26

2,2-Dichloropropane

Concen: 11.255 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY002992.D

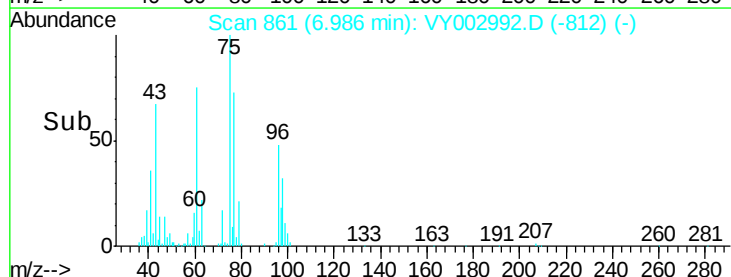
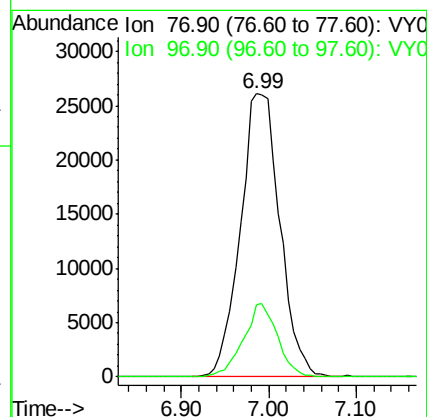
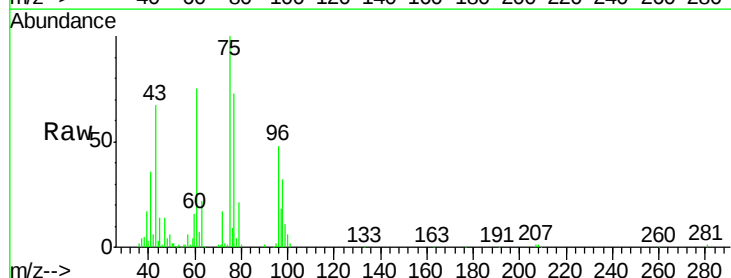
Acq: 25 Jun 2020 11:48

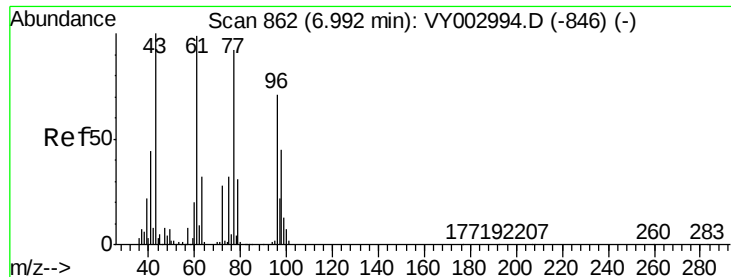
Tgt Ion: 77 Resp: 81669

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.3



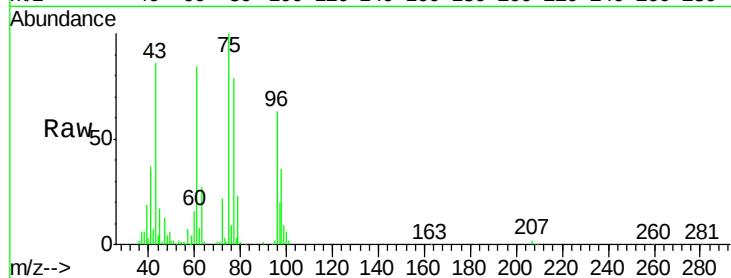


#27

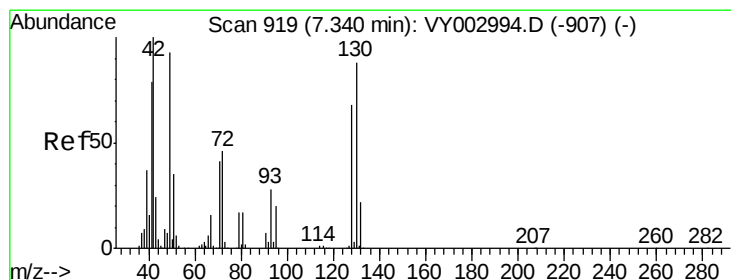
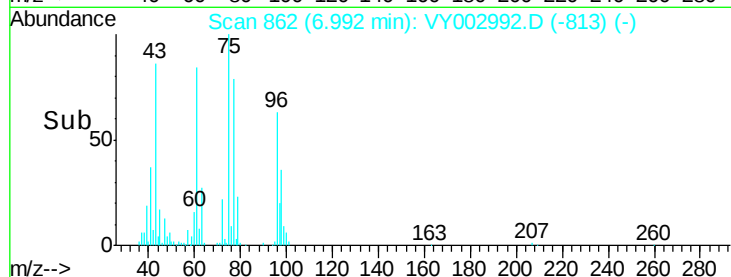
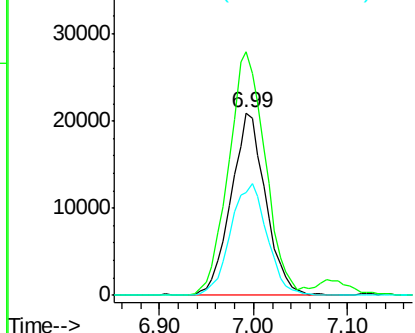
cis-1,2-Dichloroethene
Concen: 9.969 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 53748
Ion Ratio Lower Upper
96 100
61 142.0 0.0 279.0
98 64.6 0.0 128.2



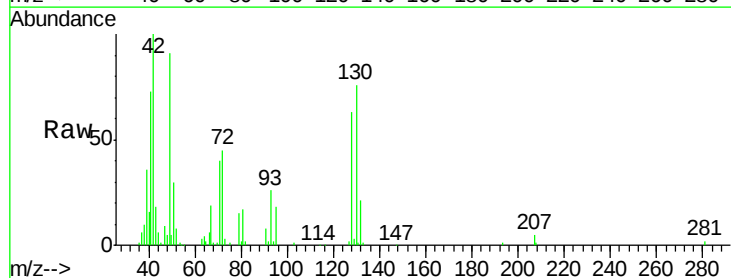
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



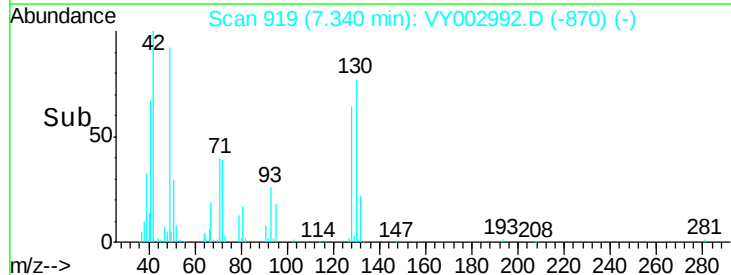
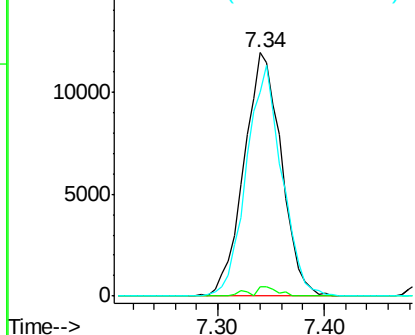
#28

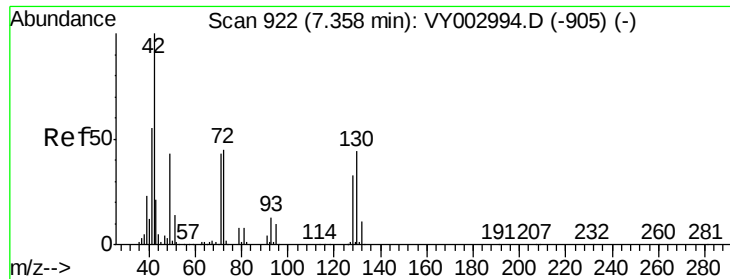
Bromochloromethane
Concen: 9.313 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 49 Resp: 29401
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.4
130 90.0 73.8 110.8



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





#29

Tetrahydrofuran

Concen: 49.163 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

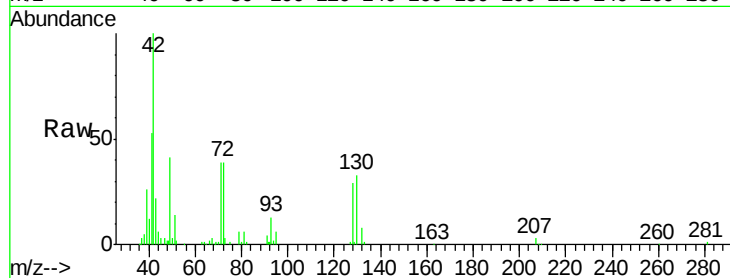
Tgt Ion: 42 Resp: 50769

Ion Ratio Lower Upper

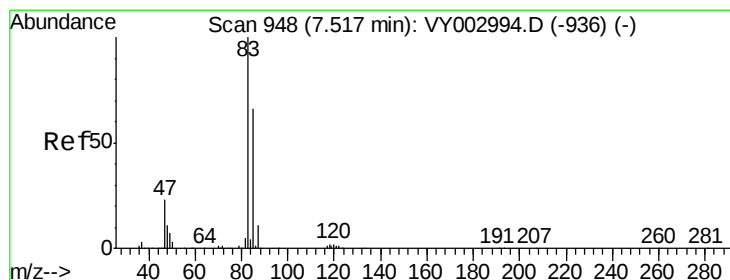
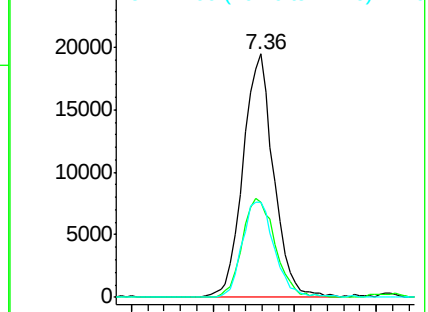
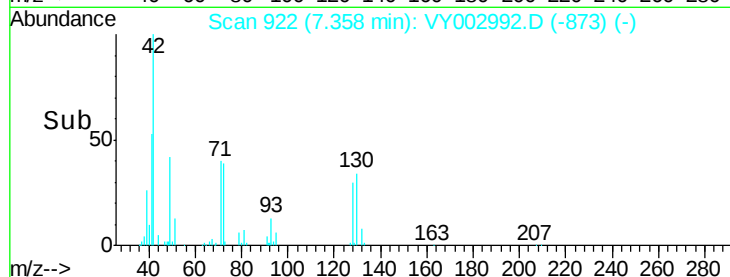
42 100

72 44.0 36.2 54.4

71 41.2 34.2 51.2



Abundance Ion 42.00 (41.70 to 42.70): VY002992.D (-873) (-)



#30

Chloroform

Concen: 10.415 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002992.D

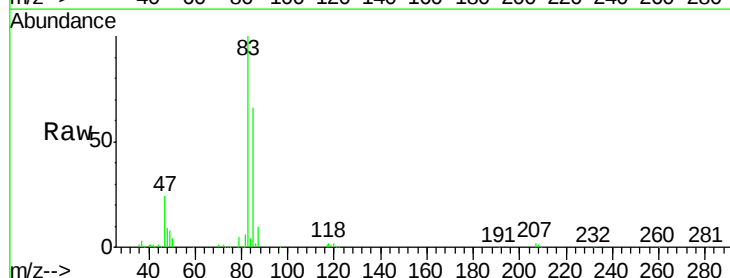
Acq: 25 Jun 2020 11:48

Tgt Ion: 83 Resp: 83598

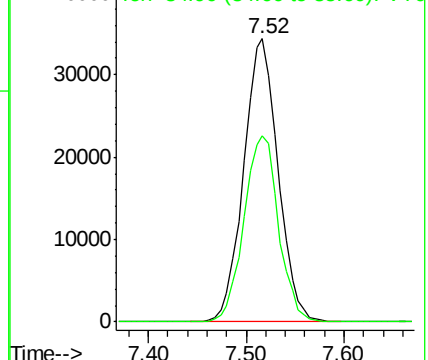
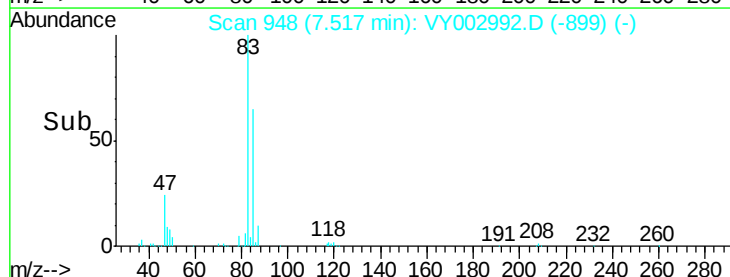
Ion Ratio Lower Upper

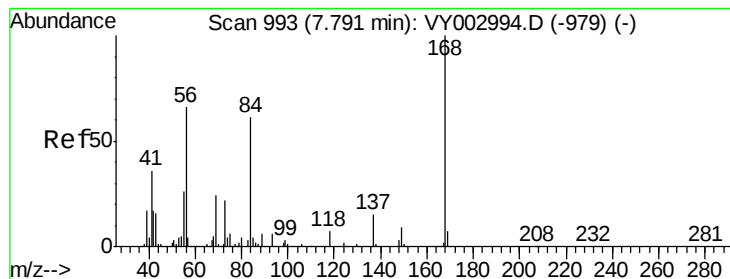
83 100

85 65.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY002992.D (-899) (-)





#31

Cyclohexane

Concen: 10.345 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

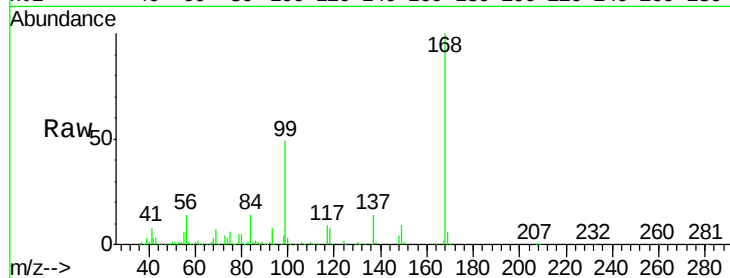
Tgt Ion: 56 Resp: 76631

Ion Ratio Lower Upper

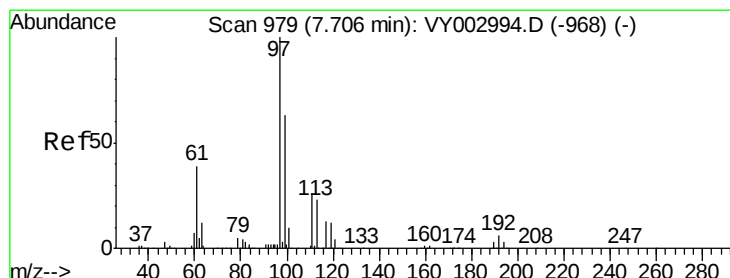
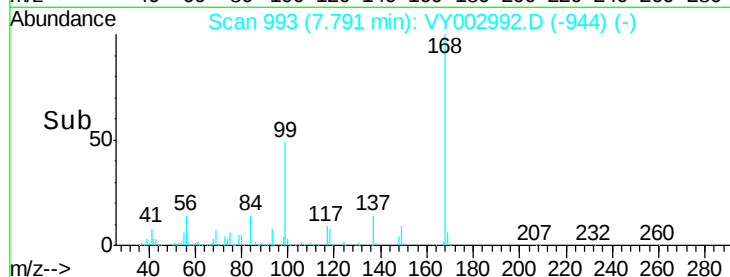
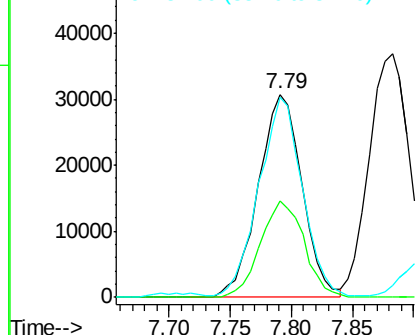
56 100

69 47.2 28.6 43.0#

84 96.3 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: 10.896 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

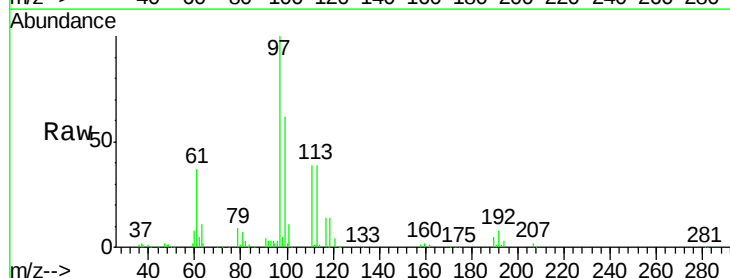
Tgt Ion: 97 Resp: 81152

Ion Ratio Lower Upper

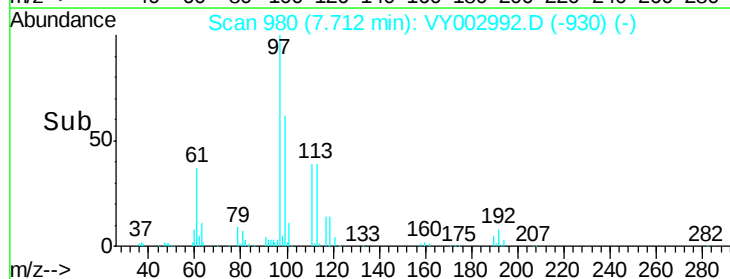
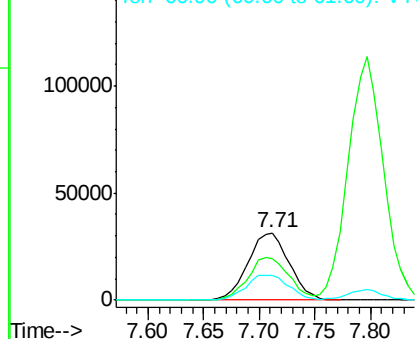
97 100

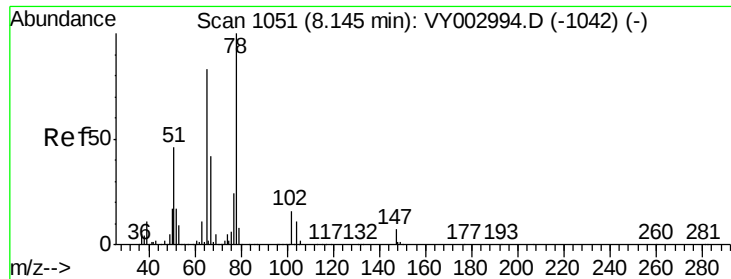
99 63.2 51.8 77.6

61 38.3 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

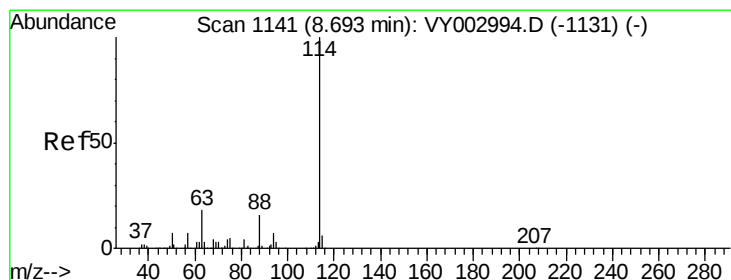
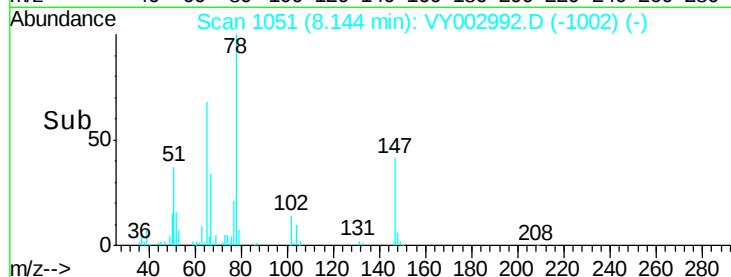
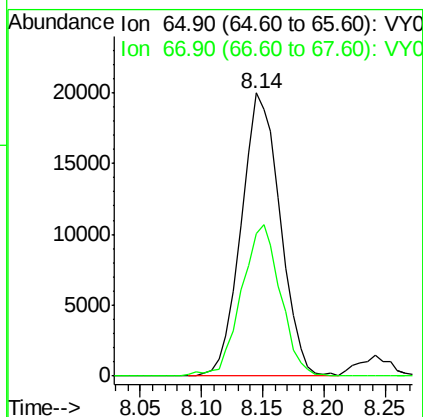
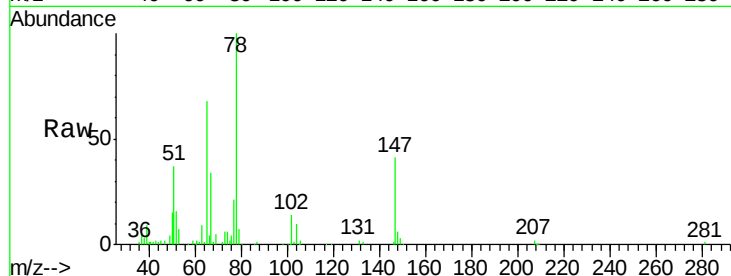




#33
 1,2-Dichloroethane-d4
 Concen: 10.321 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

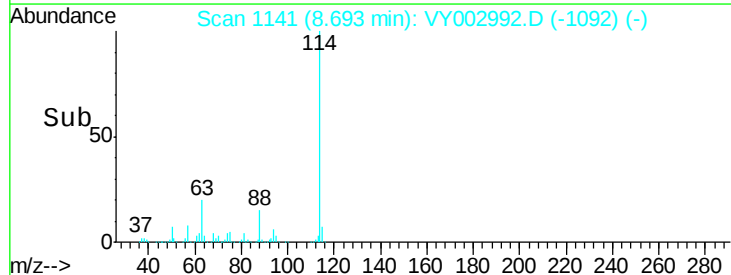
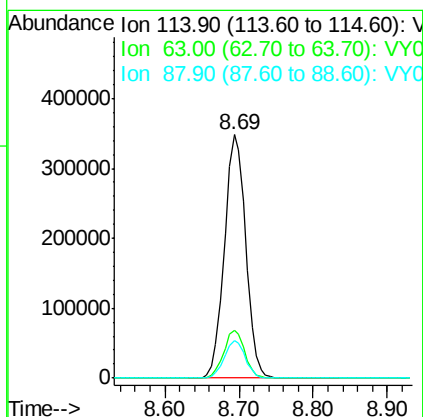
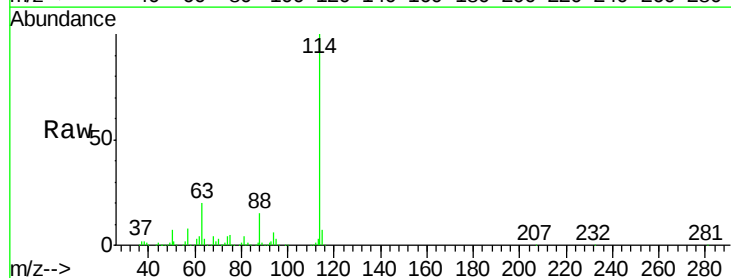
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

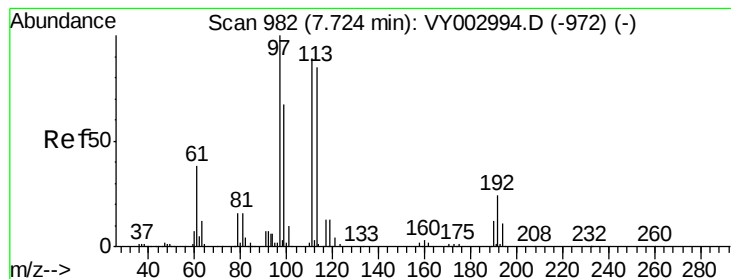
Tgt Ion: 65 Resp: 44114
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion: 114 Resp: 695145
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 36.8
 88 15.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 10.273 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

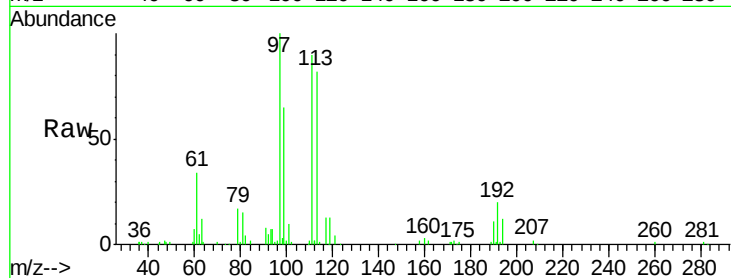
Tgt Ion:113 Resp: 41269

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

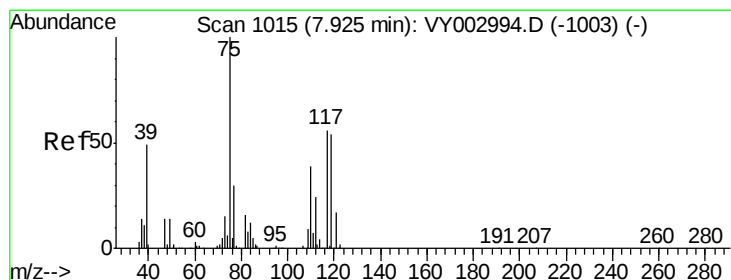
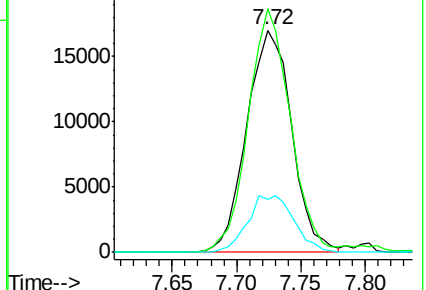
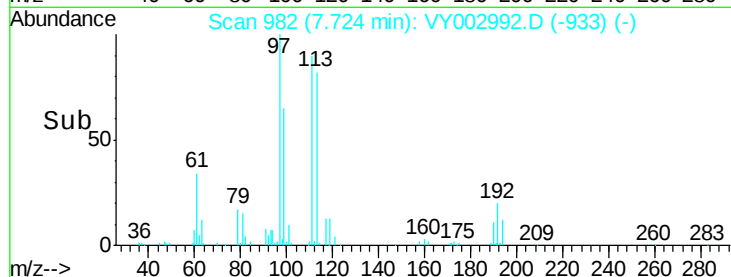
192 26.2 21.1 31.7



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: 11.398 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

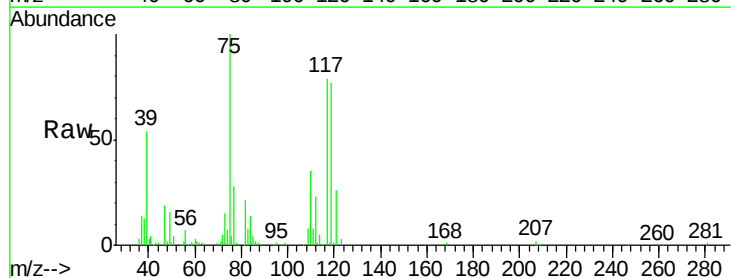
Tgt Ion: 75 Resp: 66913

Ion Ratio Lower Upper

75 100

110 36.7 18.9 56.9

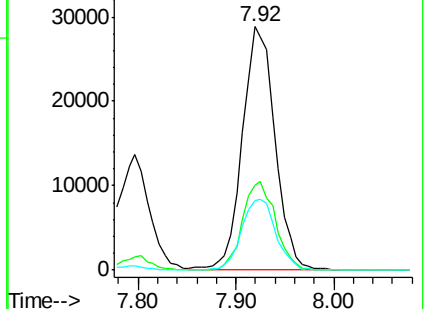
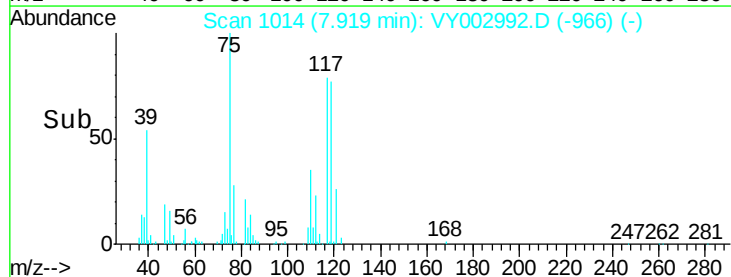
77 30.3 24.3 36.5

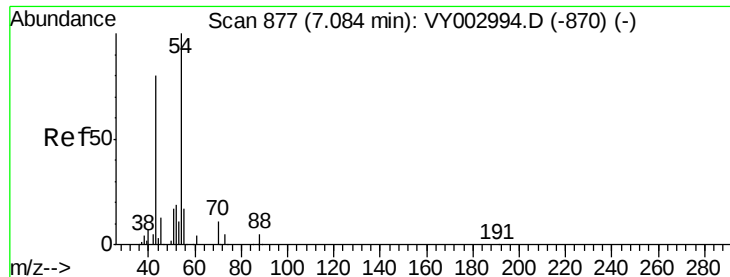


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

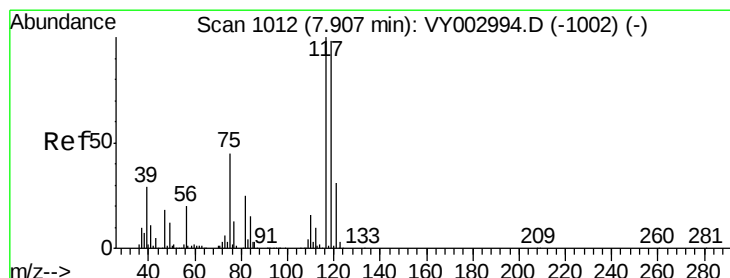
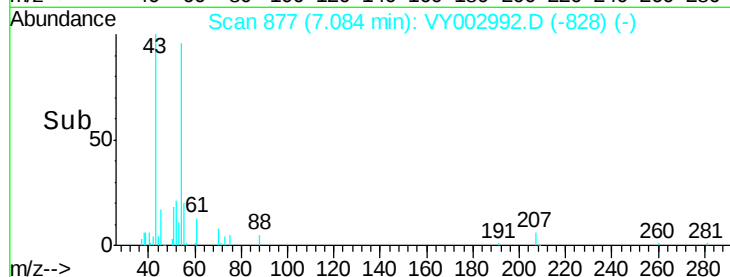
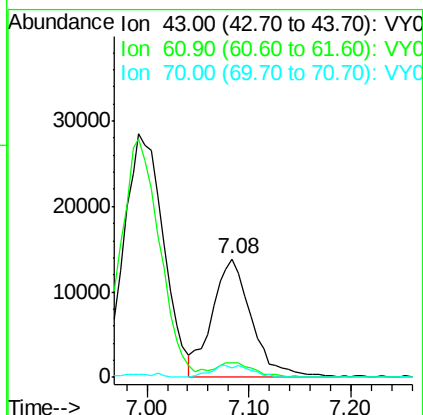
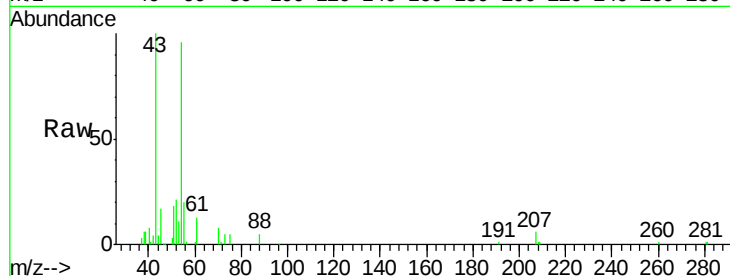




#37
Ethyl Acetate
Concen: 11.355 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

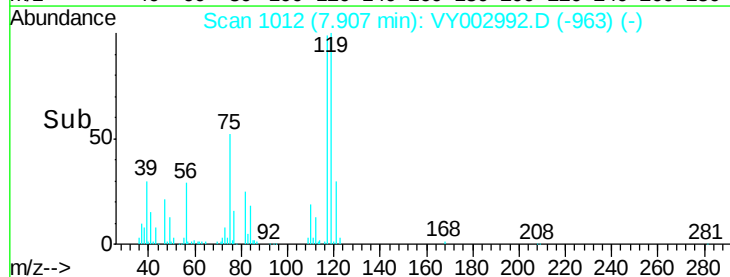
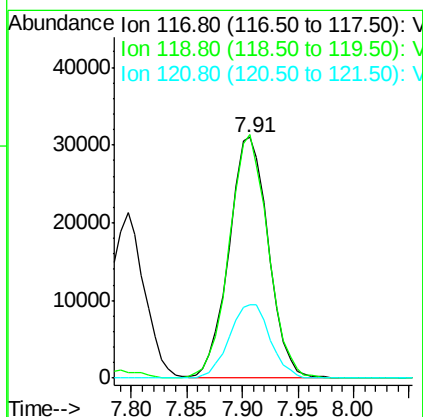
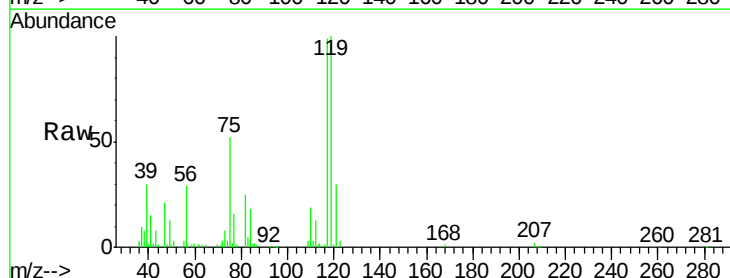
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

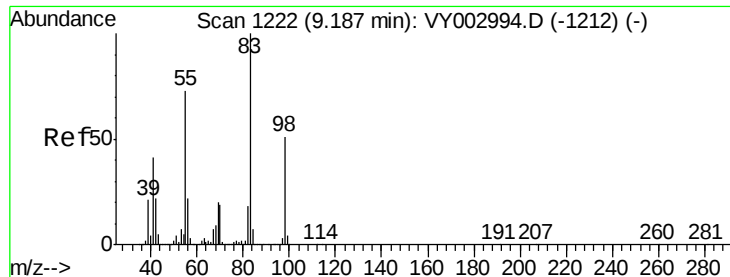
Tgt Ion: 43 Resp: 37234
Ion Ratio Lower Upper
43 100
61 11.7 10.9 16.3
70 10.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 11.465 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 117 Resp: 76075
Ion Ratio Lower Upper
117 100
119 101.3 78.2 117.4
121 30.7 24.5 36.7

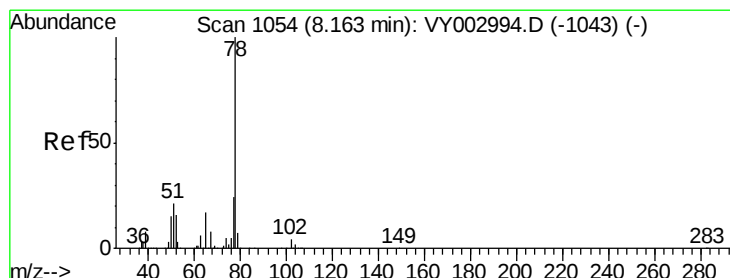
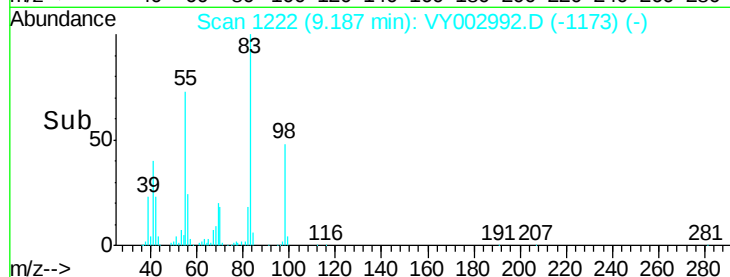
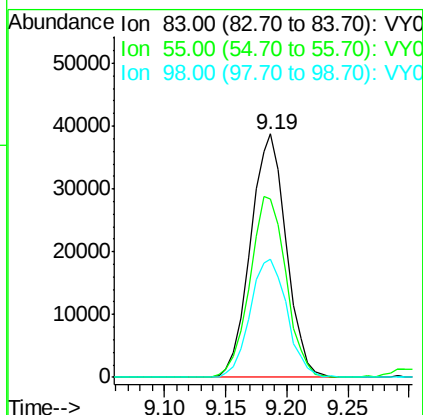
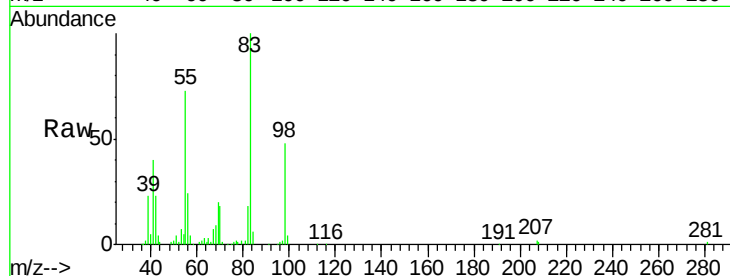




#39
Methylcyclohexane
Concen: 10.537 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

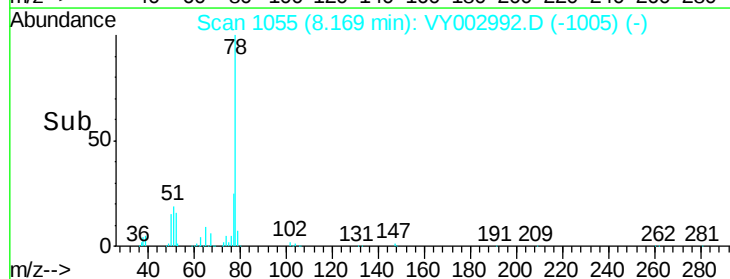
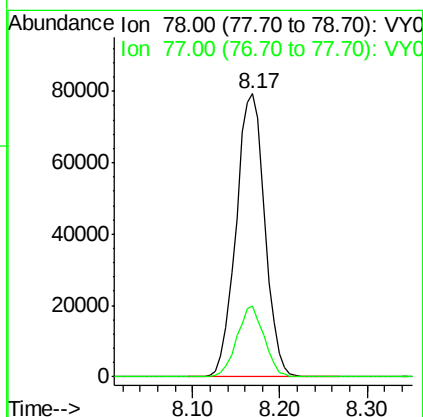
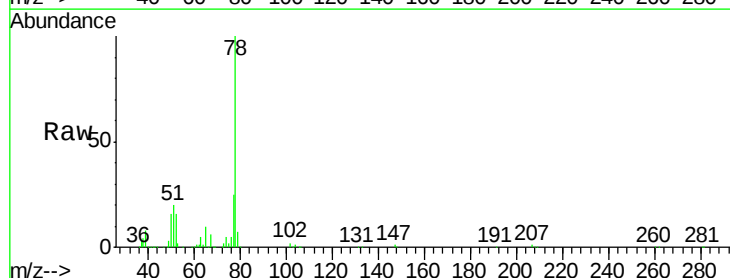
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

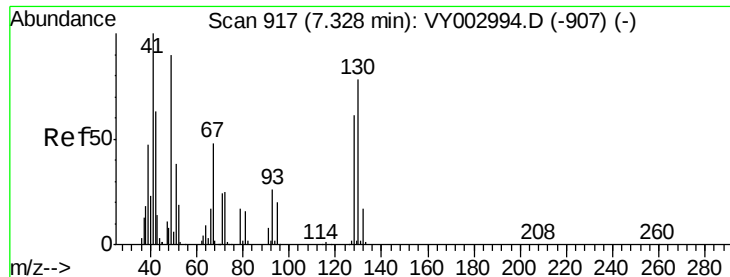
Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.0	58.6	87.8
98	48.5	41.0	61.6



#40
Benzene
Concen: 10.743 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8





#41

Methacrylonitrile

Concen: 29.637 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 47238

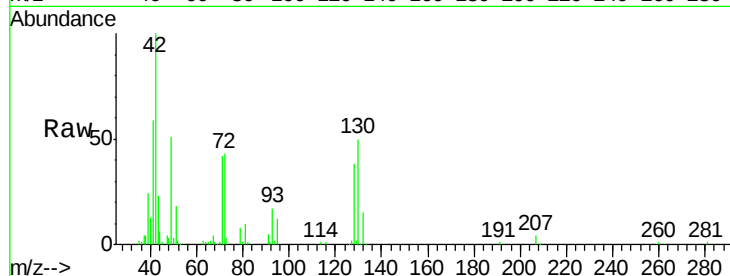
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

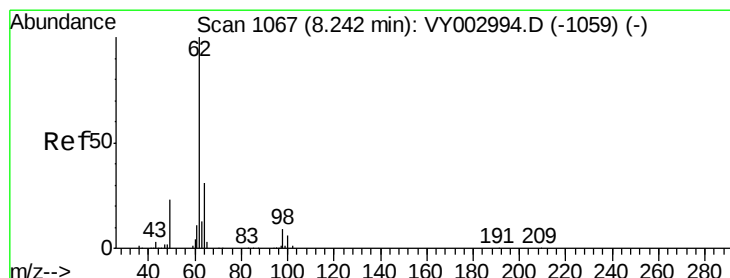
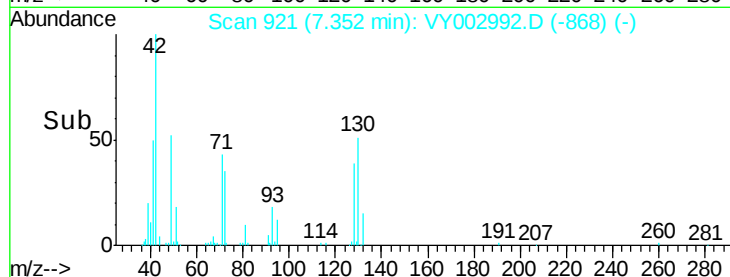
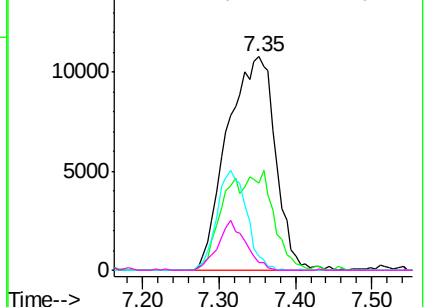


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 11.944 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VY002992.D

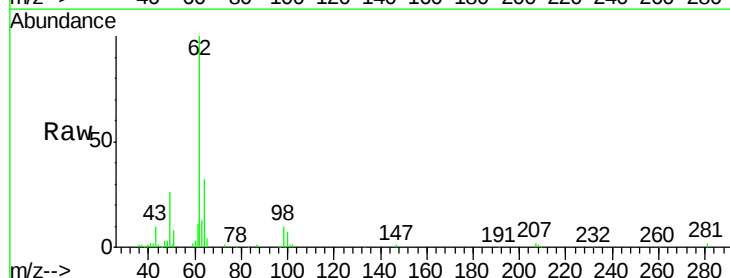
Acq: 25 Jun 2020 11:48

Tgt Ion: 62 Resp: 57499

Ion Ratio Lower Upper

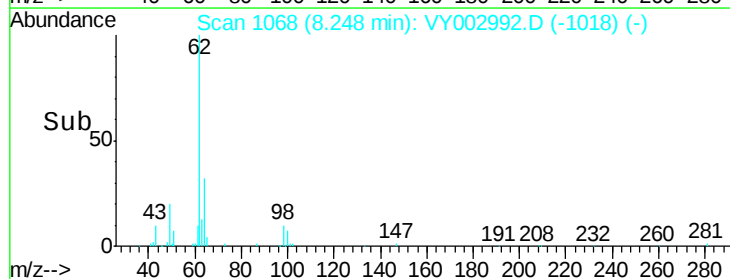
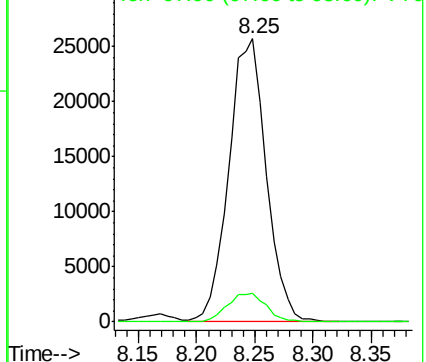
62 100

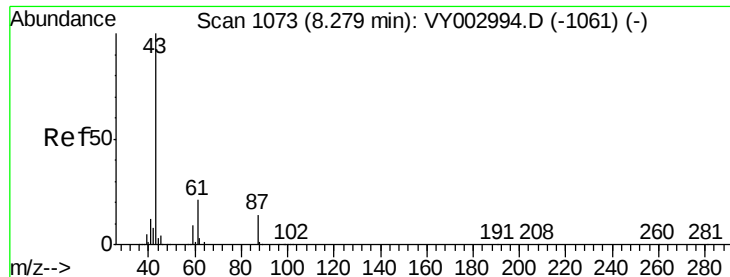
98 10.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 11.144 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

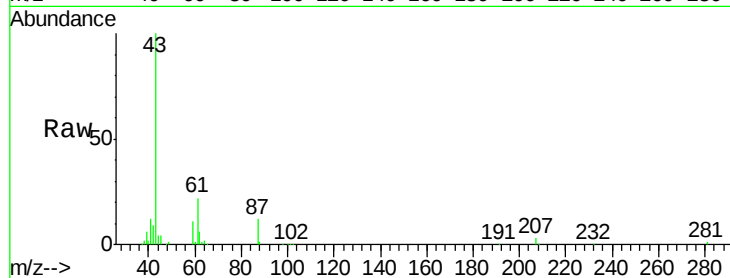
Tgt Ion: 43 Resp: 65726

Ion Ratio Lower Upper

43 100

61 29.4 23.2 34.8

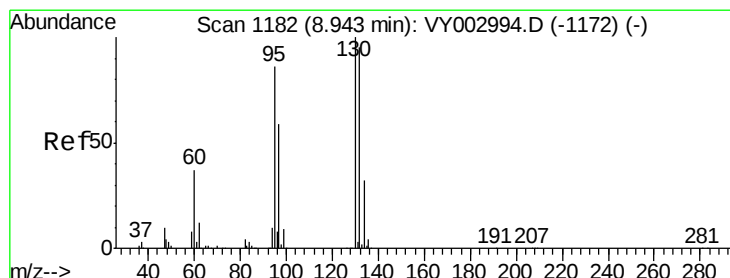
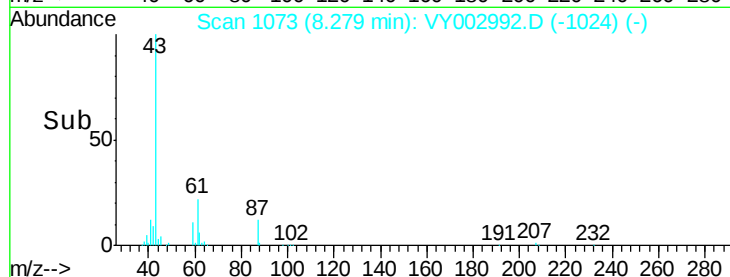
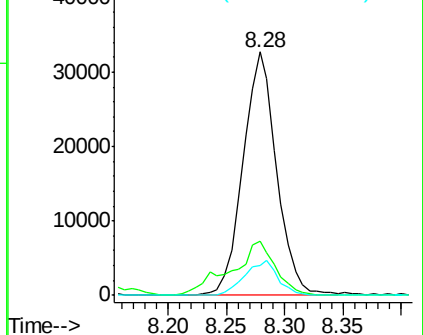
87 14.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VY002992.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002992.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002992.D (-1024) (-)



#44

Trichloroethene

Concen: 11.151 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002992.D

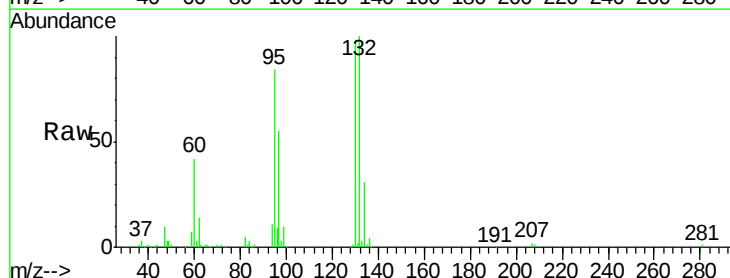
Acq: 25 Jun 2020 11:48

Tgt Ion: 130 Resp: 58658

Ion Ratio Lower Upper

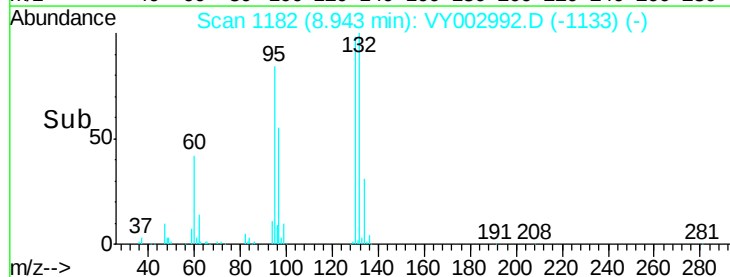
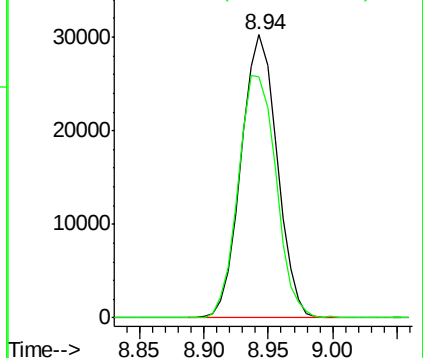
130 100

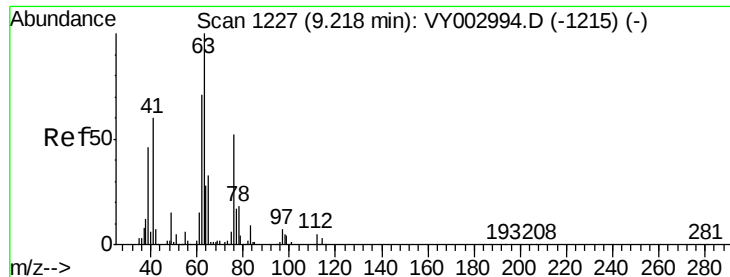
95 85.0 0.0 171.4



Abundance Ion 129.80 (129.50 to 130.50): VY002992.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002992.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 10.876 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

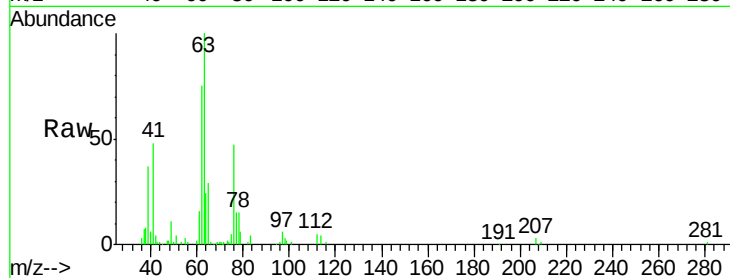
VSTDIC010

Tgt Ion: 63 Resp: 43848

Ion Ratio Lower Upper

63 100

65 28.9 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY002992.D (-1178) (-)

Ion 64.90 (64.60 to 65.60): VY002992.D (-1178) (-)

9.22

25000

20000

15000

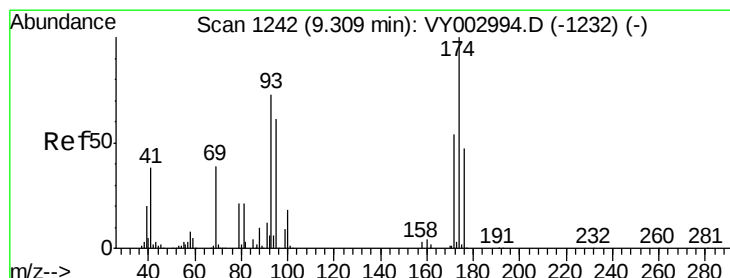
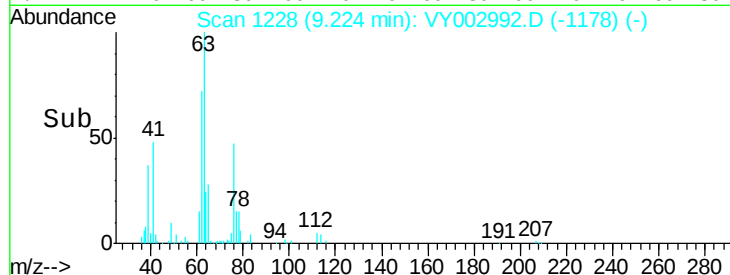
10000

5000

0

Time-->

9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 10.589 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

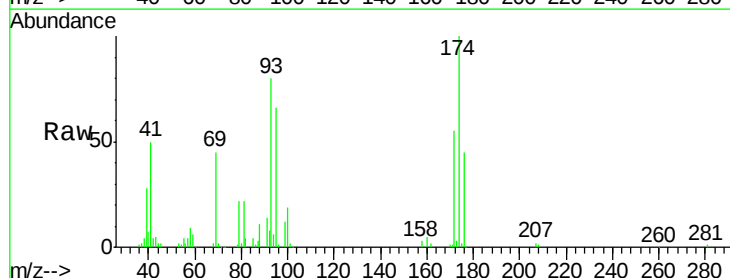
Tgt Ion: 93 Resp: 25619

Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.2

174 133.9 109.8 164.8



Abundance Ion 92.80 (92.50 to 93.50): VY002992.D (-1193) (-)

Ion 94.80 (94.50 to 95.50): VY002992.D (-1193) (-)

Ion 173.70 (173.40 to 174.40): VY002992.D (-1193) (-)

9.31

20000

15000

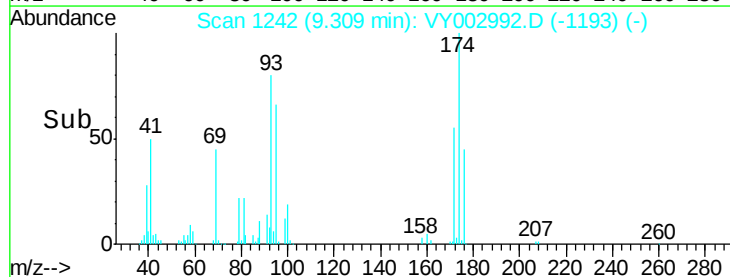
10000

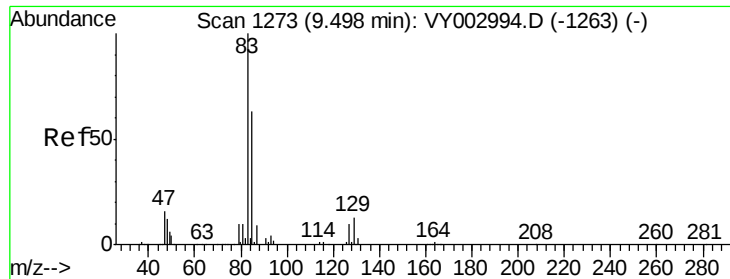
5000

0

Time-->

9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 11.607 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

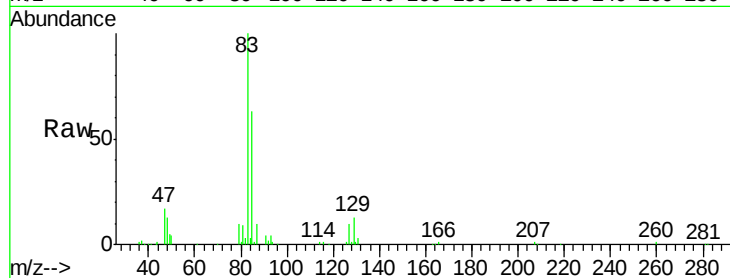
Tgt Ion: 83 Resp: 66315

Ion Ratio Lower Upper

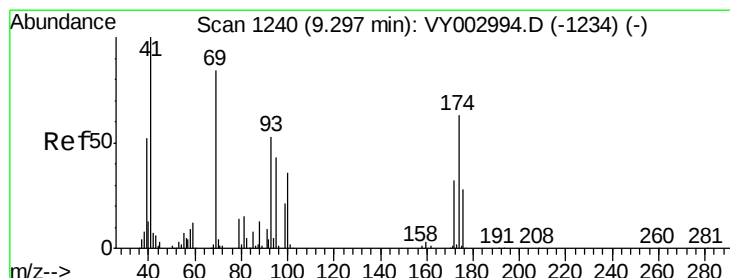
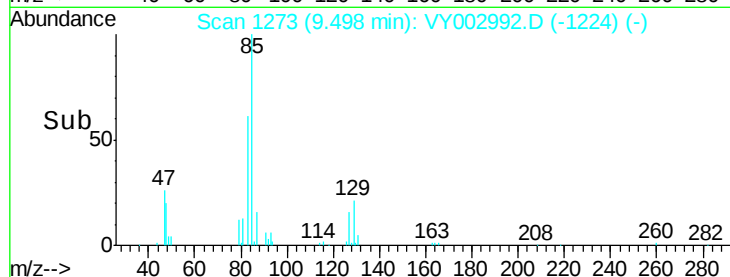
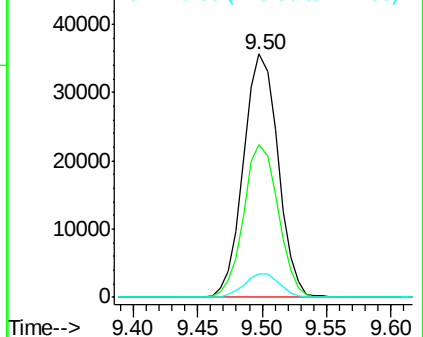
83 100

85 62.9 50.2 75.4

127 9.8 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: 11.592 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

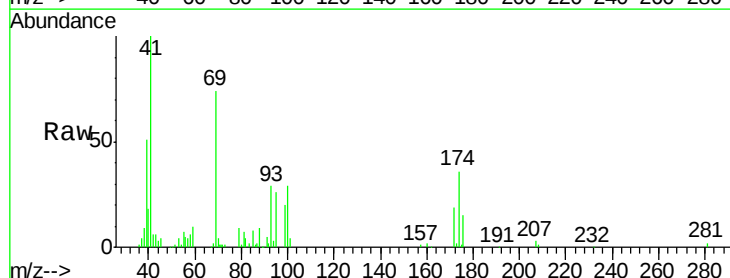
Tgt Ion: 41 Resp: 30898

Ion Ratio Lower Upper

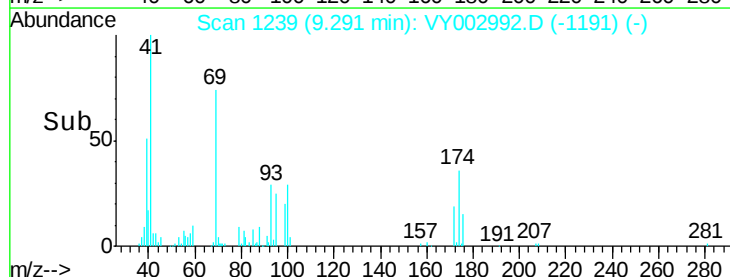
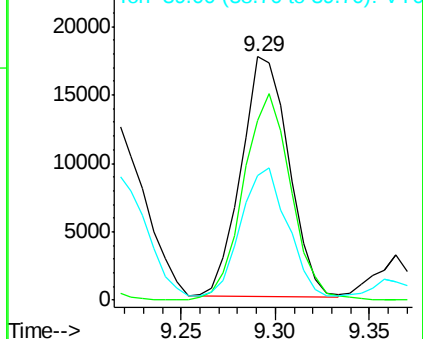
41 100

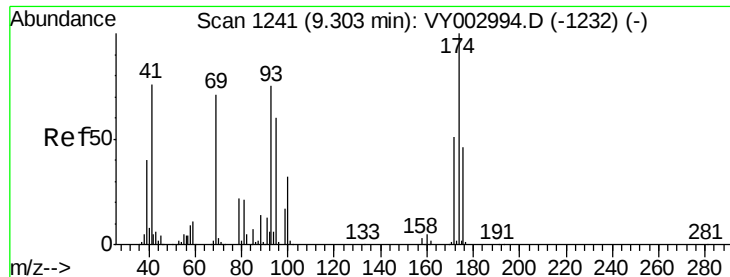
69 85.6 70.2 105.2

39 52.7 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

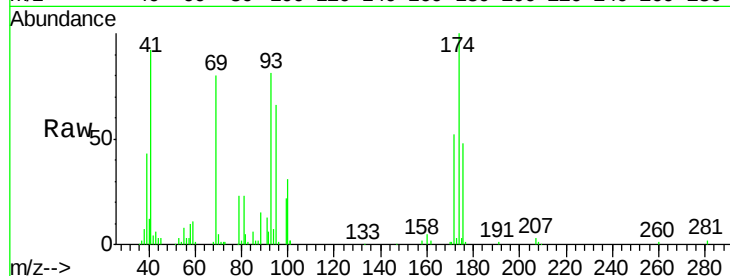




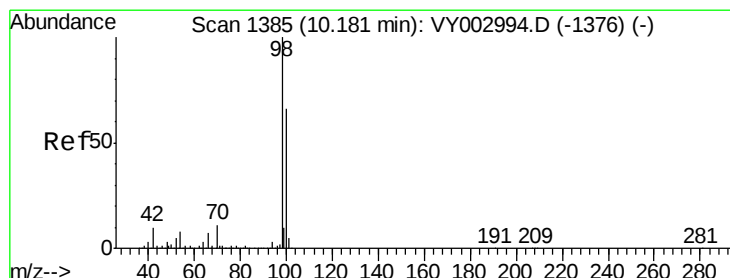
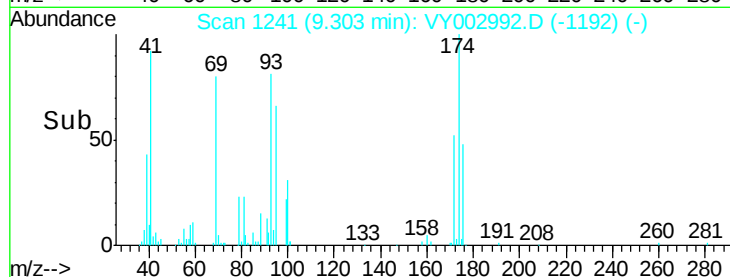
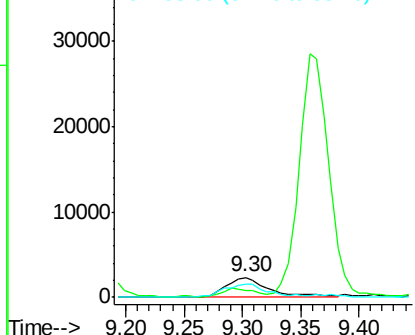
#49
1,4-Dioxane
Concen: 178.257 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 6121
Ion Ratio Lower Upper
88 100
43 34.6 26.6 39.8
58 67.8 50.6 75.8

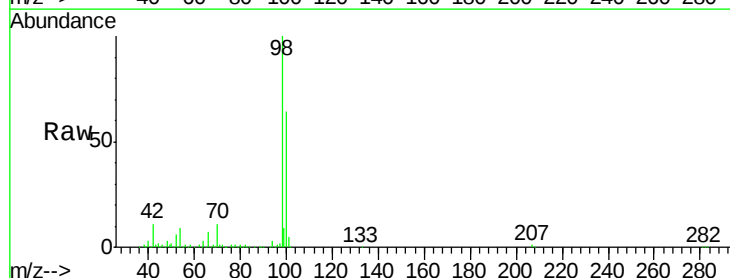


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

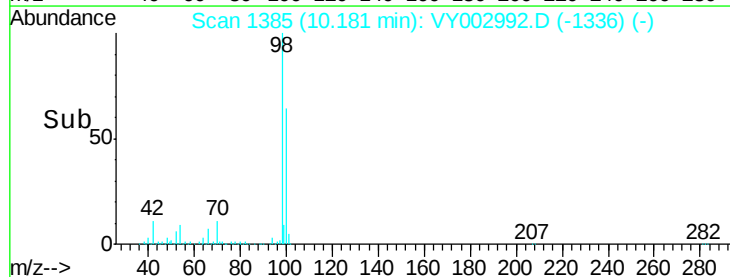
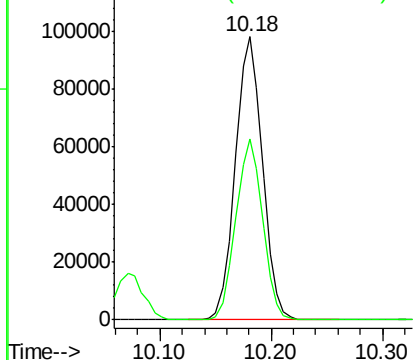


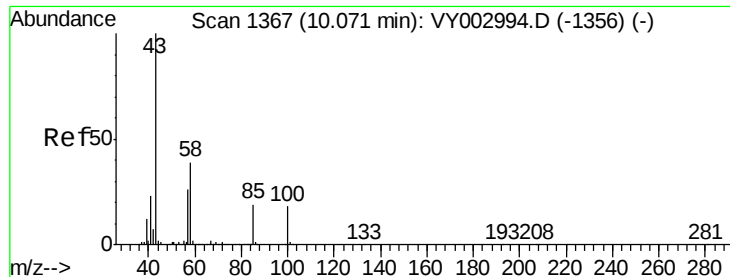
#50
Toluene-d8
Concen: 10.451 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 98 Resp: 165509
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

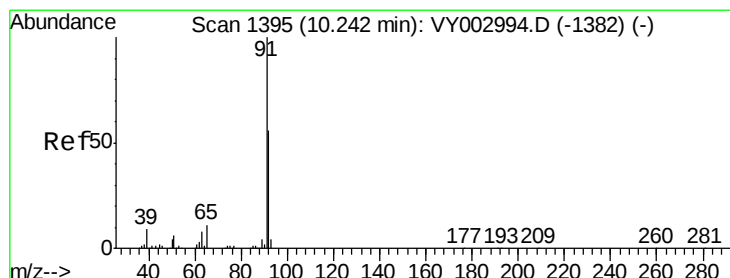
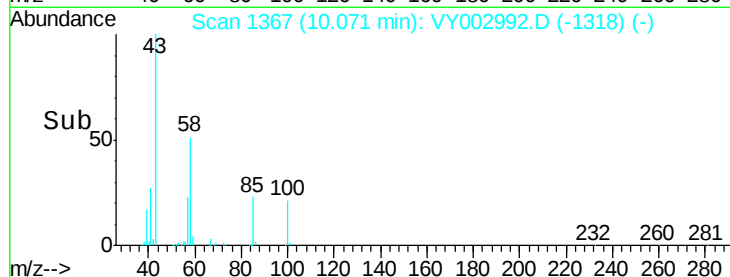
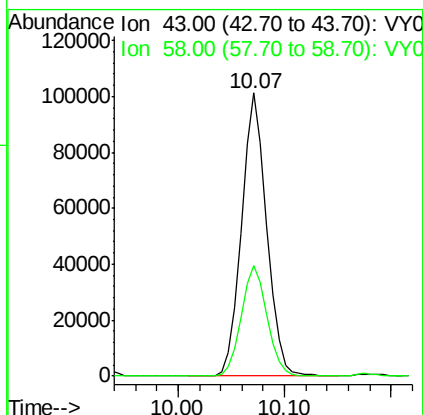
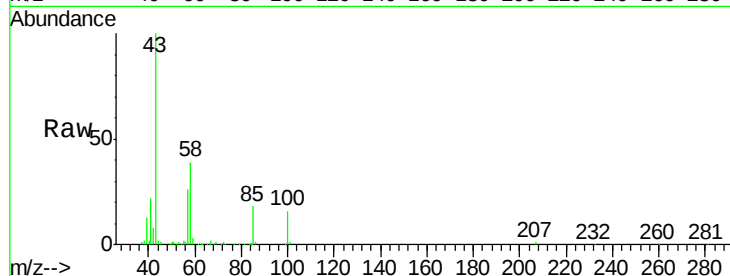




#51
4-Methyl-2-Pentanone
Concen: 51.765 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

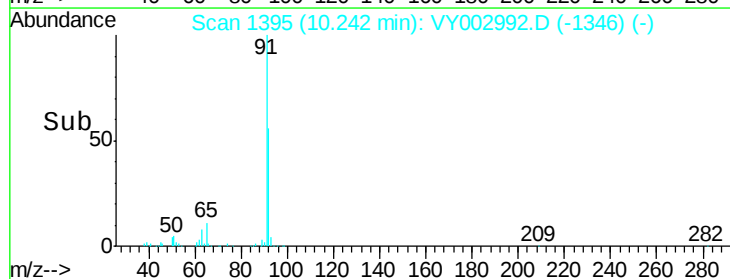
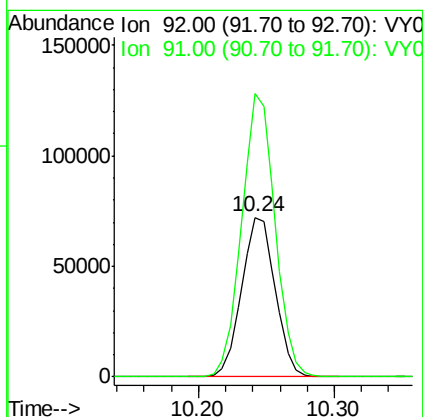
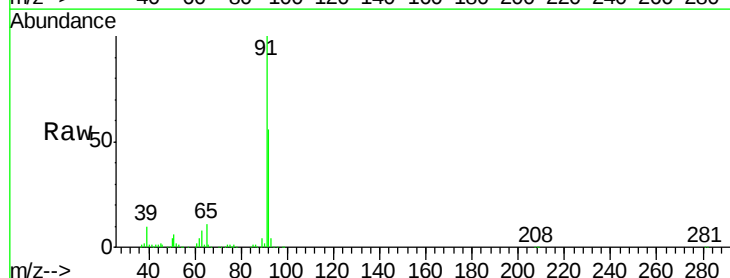
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

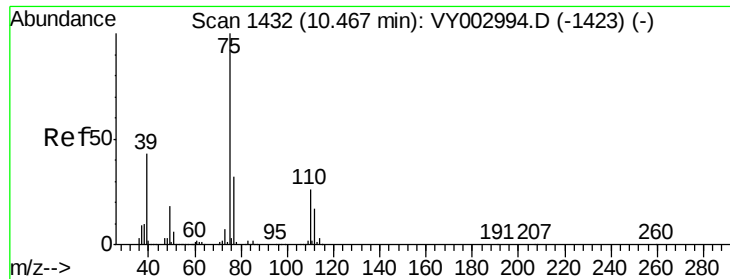
Tgt Ion: 43 Resp: 167673
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.0



#52
Toluene
Concen: 11.104 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 92 Resp: 124862
Ion Ratio Lower Upper
92 100
91 175.9 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 10.508 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

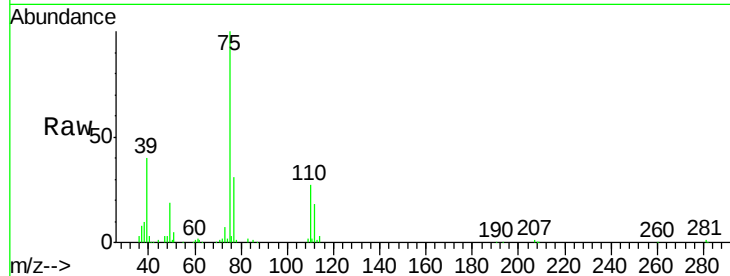
VSTDIC010

Tgt Ion: 75 Resp: 67468

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

40000

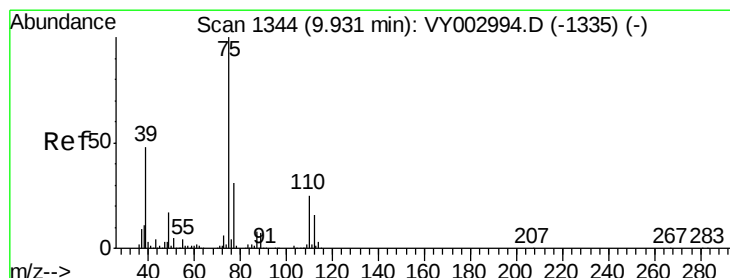
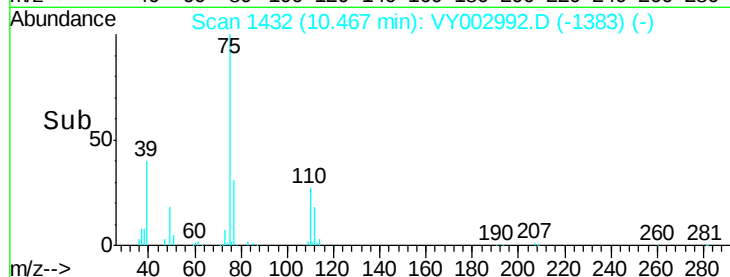
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 10.549 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

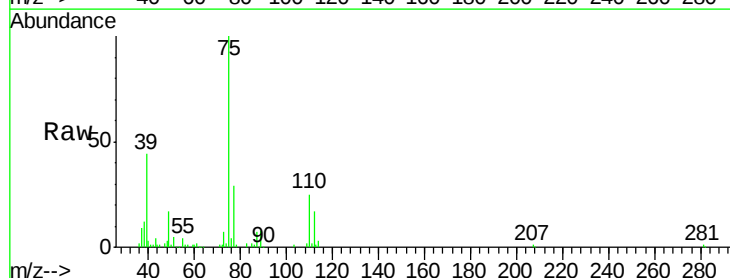
Tgt Ion: 75 Resp: 76088

Ion Ratio Lower Upper

75 100

77 29.2 25.1 37.7

39 43.6 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

60000

50000

40000

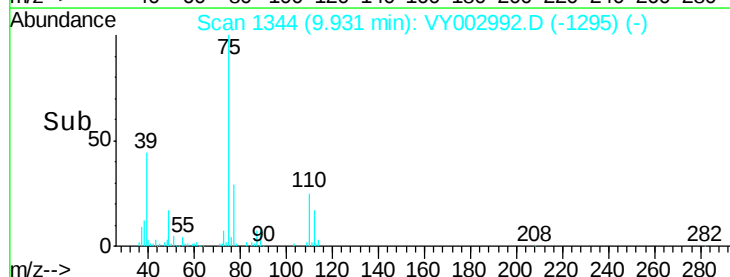
30000

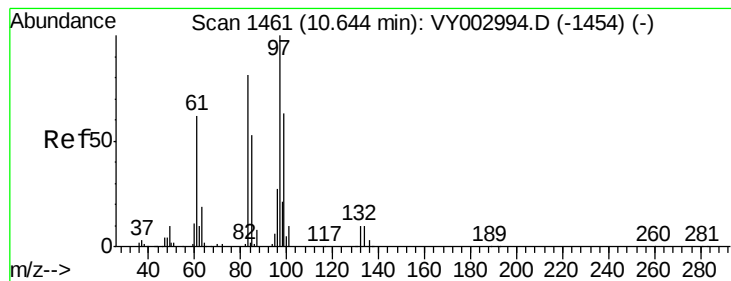
20000

10000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 10.253 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 37779

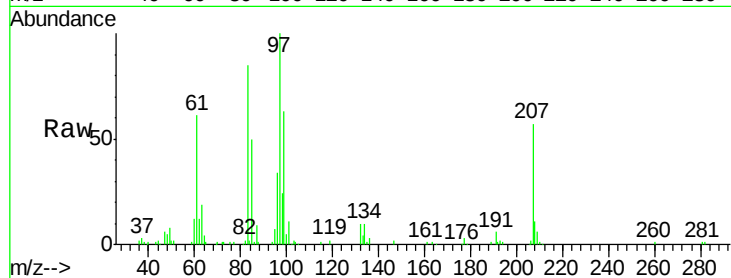
Ion Ratio Lower Upper

97 100

83 84.8 64.6 96.8

85 49.3 42.6 63.8

99 62.6 50.1 75.1

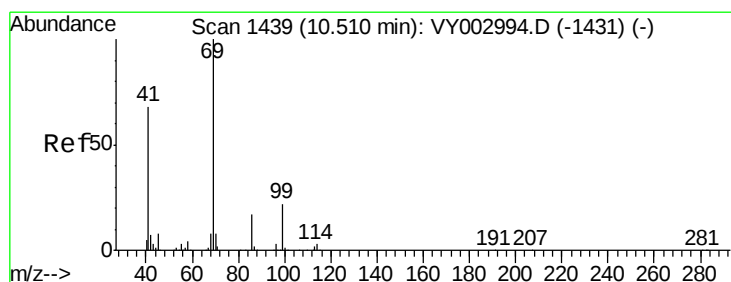
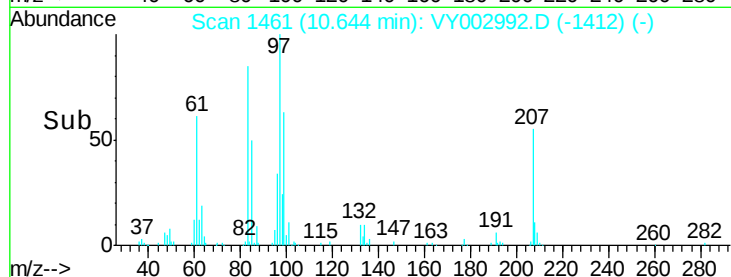
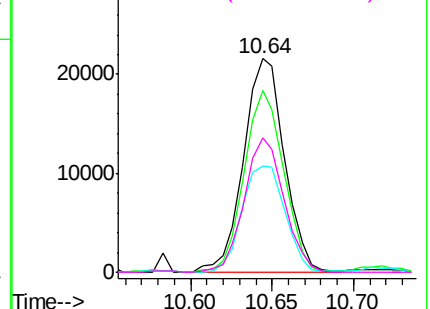


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 10.004 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

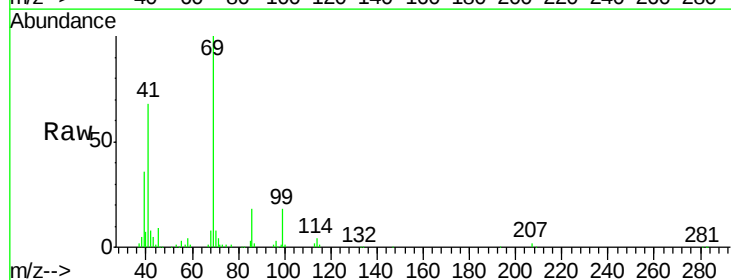
Tgt Ion: 69 Resp: 50264

Ion Ratio Lower Upper

69 100

41 67.2 51.4 77.0

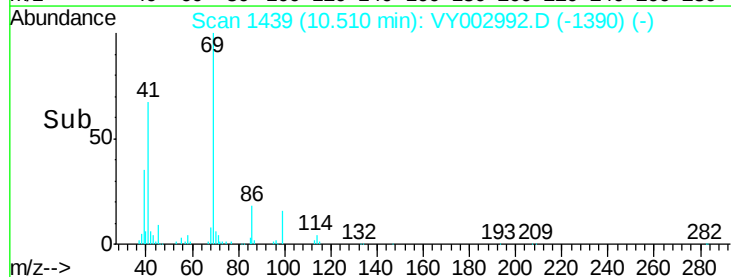
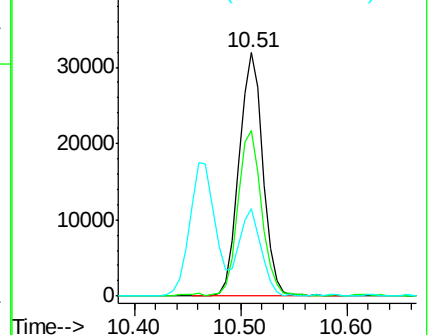
39 34.0 24.4 36.6

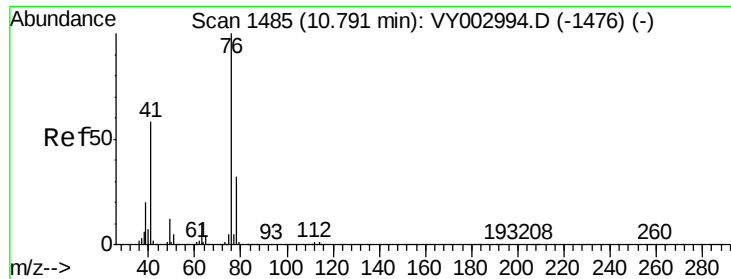


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 10.269 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

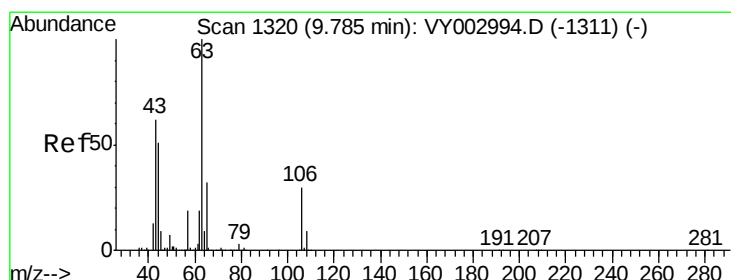
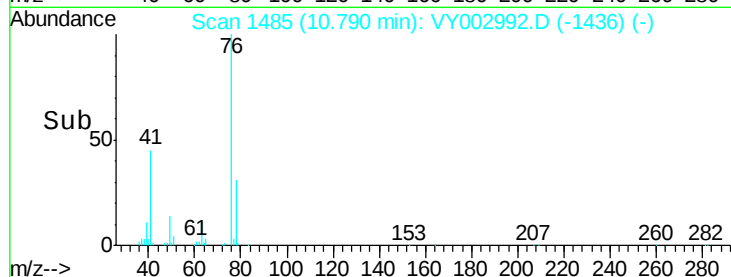
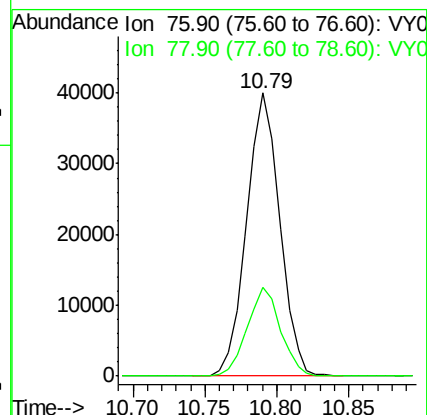
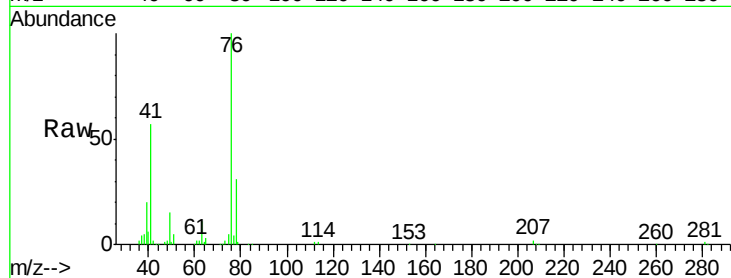
VSTDIC010

Tgt Ion: 76 Resp: 63808

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 44.373 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002992.D

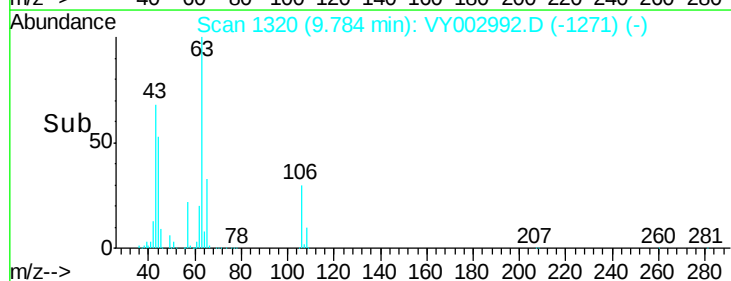
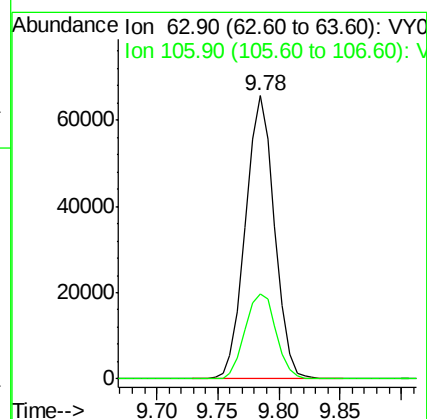
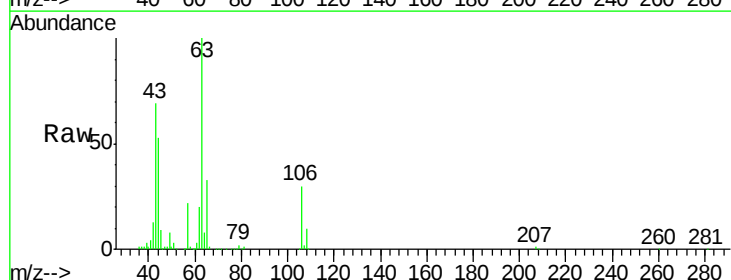
Acq: 25 Jun 2020 11:48

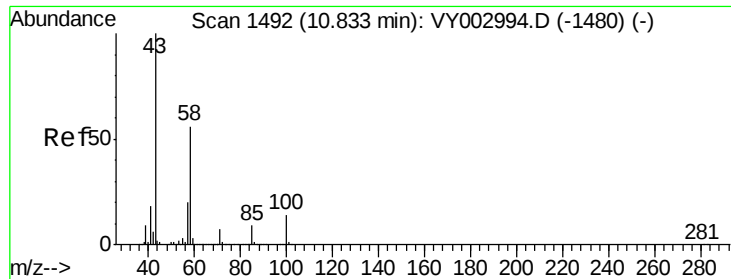
Tgt Ion: 63 Resp: 108283

Ion Ratio Lower Upper

63 100

106 32.1 25.3 37.9

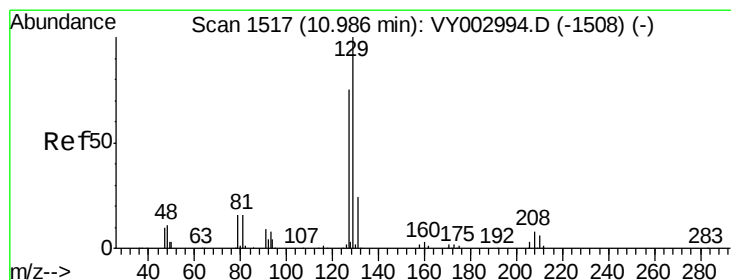
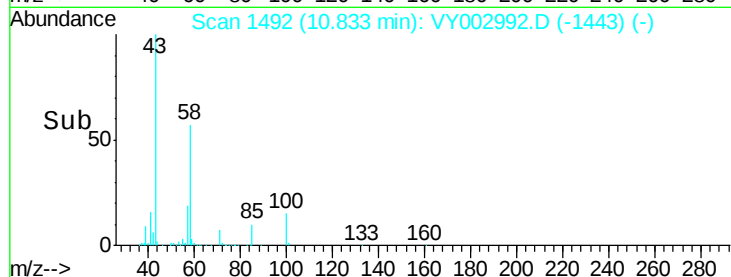
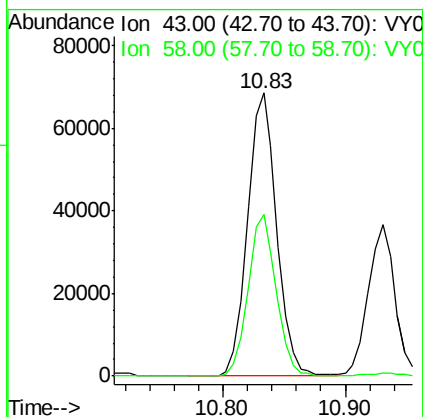
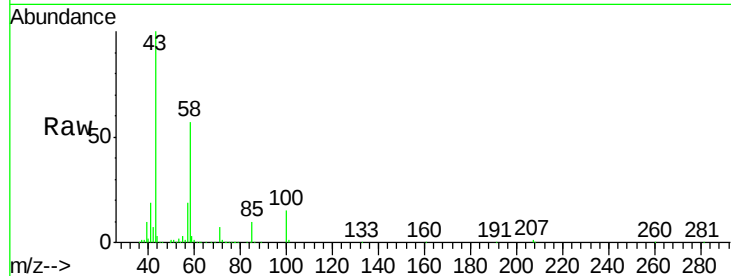




#59
2-Hexanone
Concen: 50.170 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

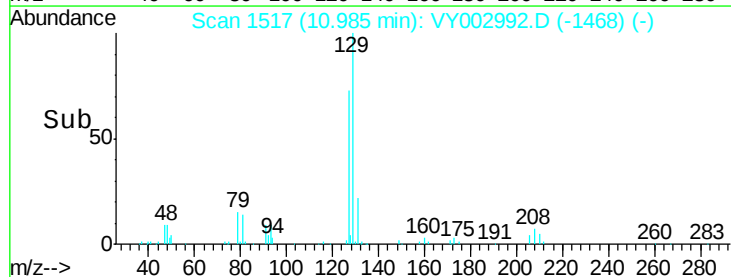
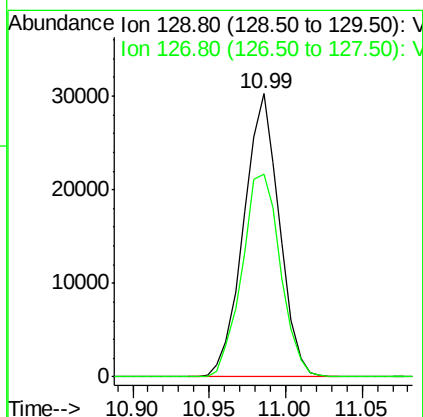
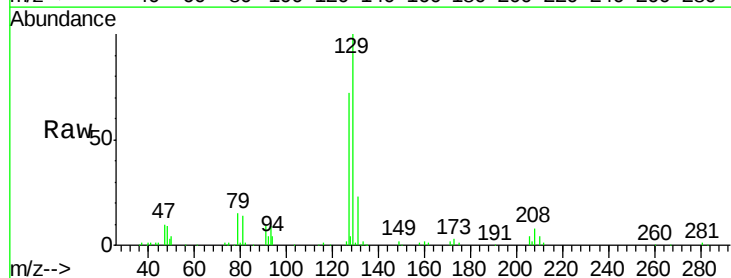
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

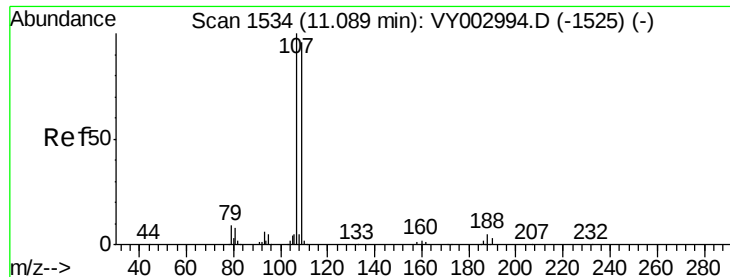
Tgt Ion: 43 Resp: 113390
Ion Ratio Lower Upper
43 100
58 55.1 27.4 82.0



#60
Dibromochloromethane
Concen: 10.223 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 129 Resp: 48910
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8

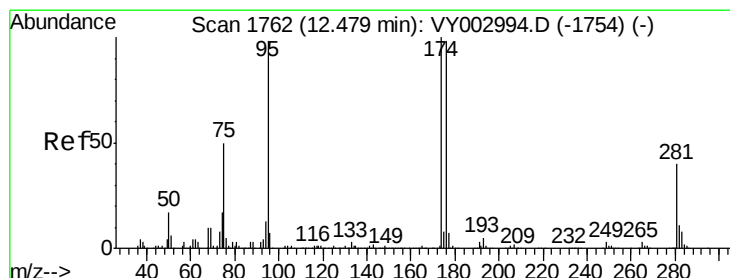
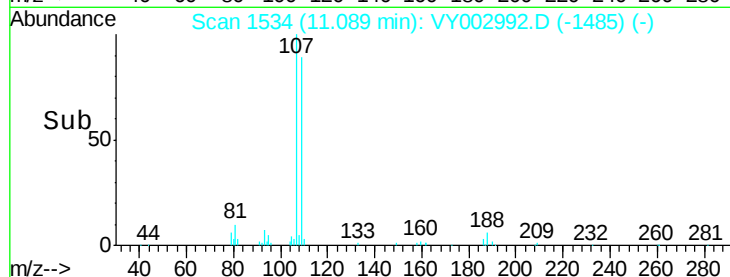
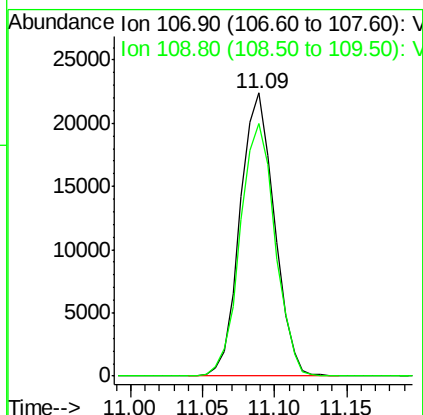
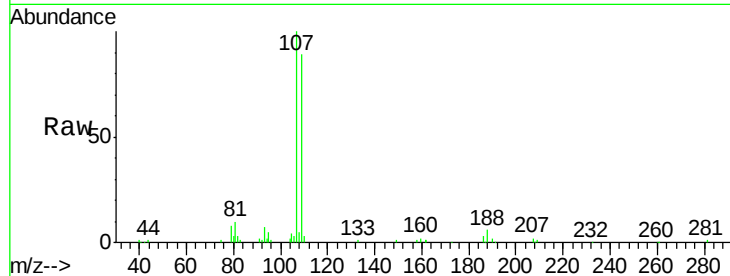




#61
 1,2-Dibromoethane
 Concen: 10.134 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

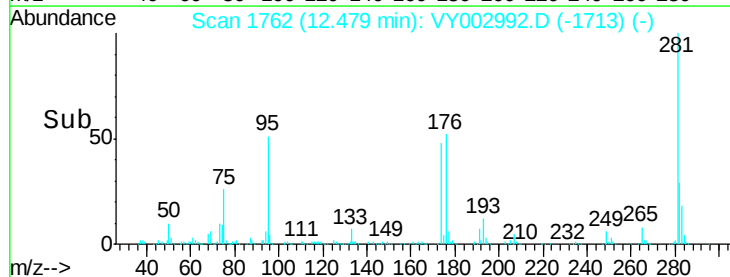
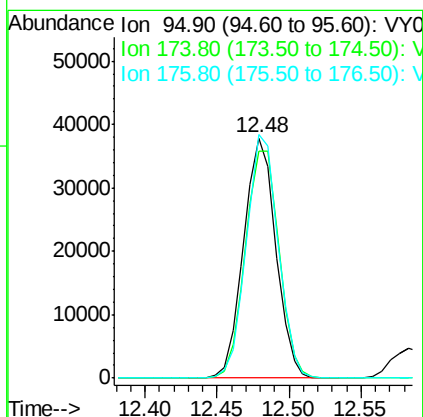
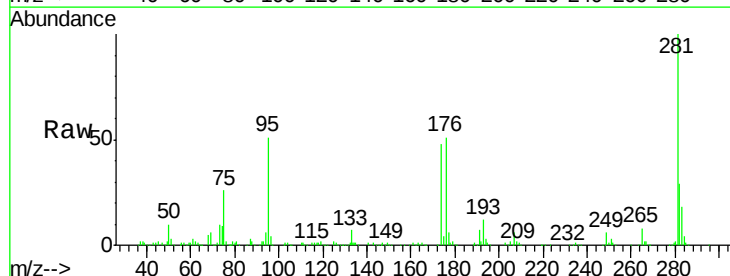
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

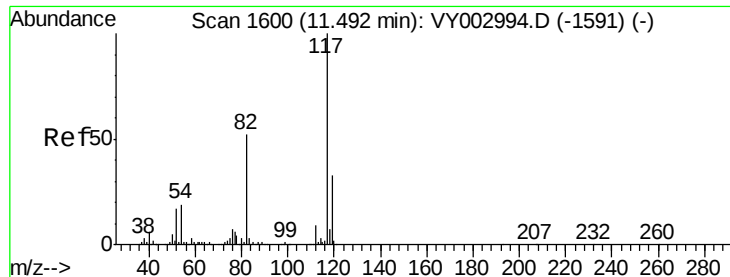
Tgt Ion: 107 Resp: 37063
 Ion Ratio Lower Upper
 107 100
 109 90.9 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 10.586 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion: 95 Resp: 58475
 Ion Ratio Lower Upper
 95 100
 174 99.4 0.0 209.2
 176 100.2 0.0 206.2

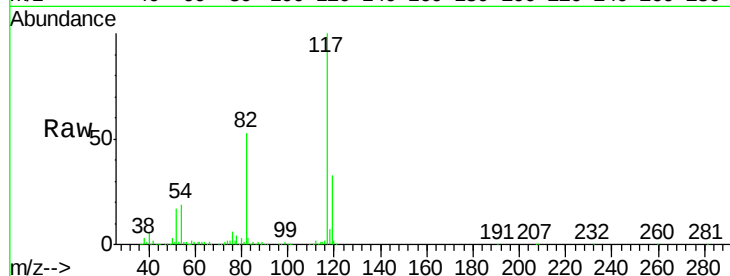




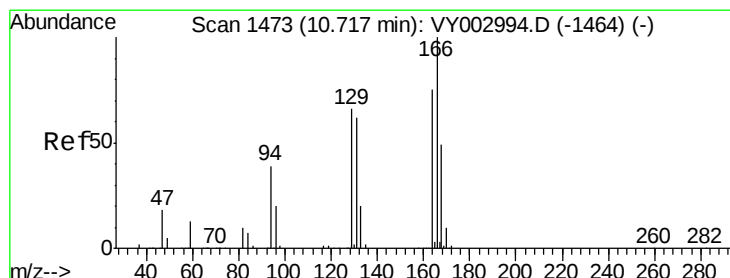
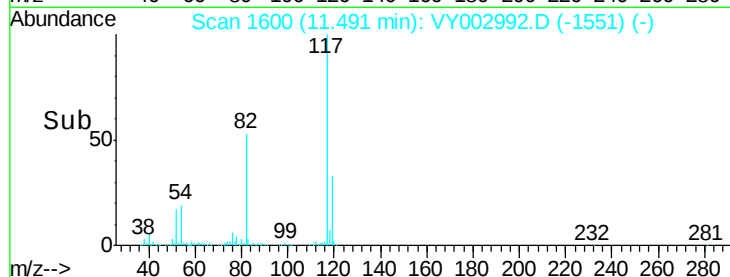
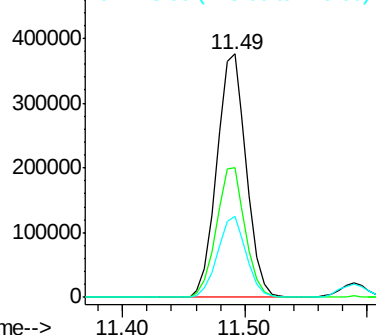
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.8	62.8
119	33.2	26.7	40.1



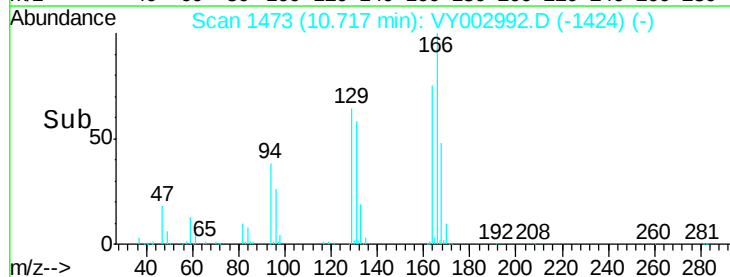
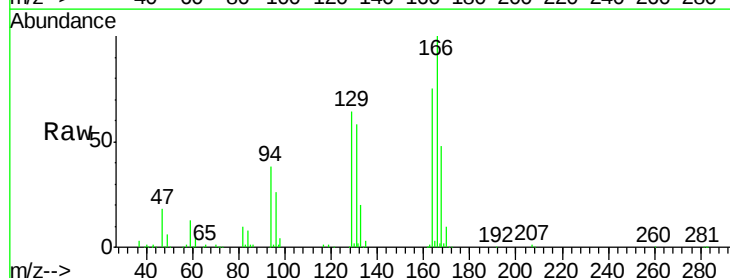
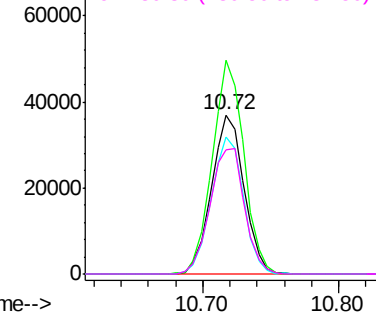
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

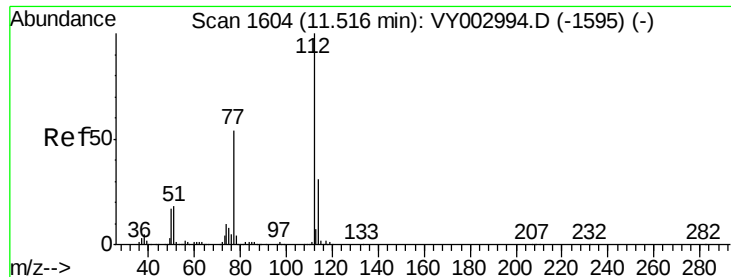


#64
Tetrachloroethene
Concen: 11.604 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.2	106.8	160.2
129	85.7	69.9	104.9
131	78.1	66.6	99.8

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





#65

Chlorobenzene

Concen: 10.940 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

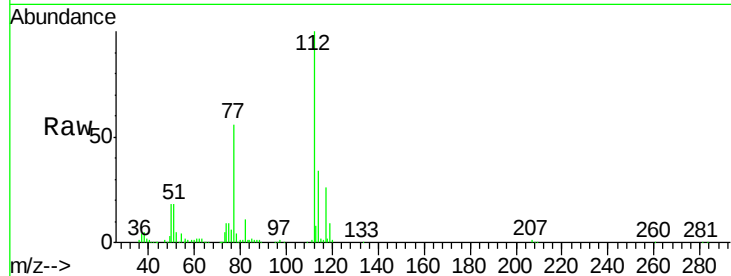
VSTDIC010

Tgt Ion:112 Resp: 130548

Ion Ratio Lower Upper

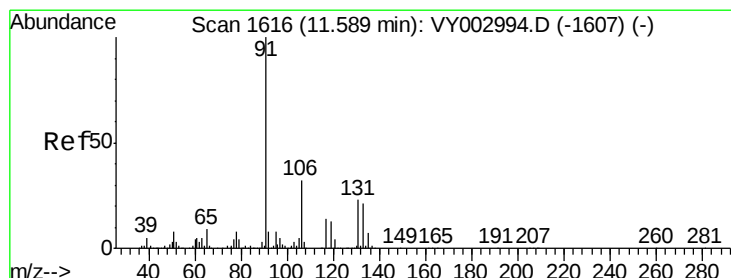
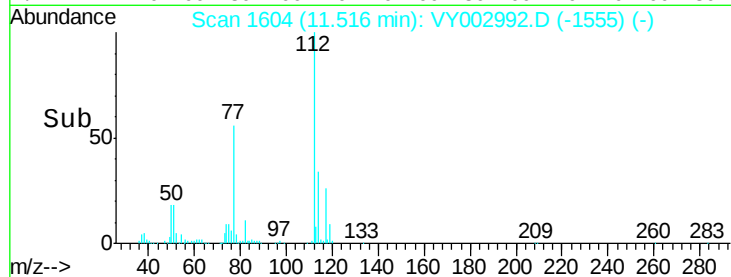
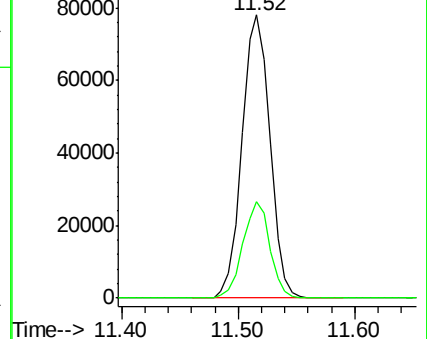
112 100

114 34.2 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 11.759 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

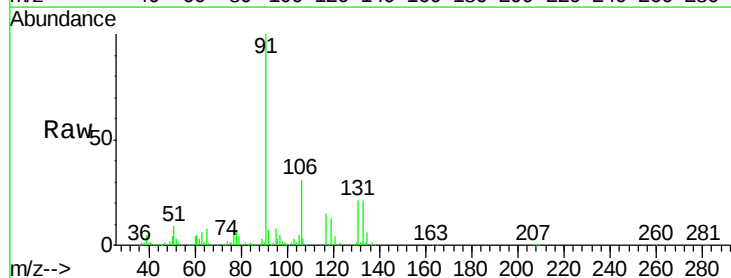
Tgt Ion:131 Resp: 53474

Ion Ratio Lower Upper

131 100

133 93.4 48.2 144.6

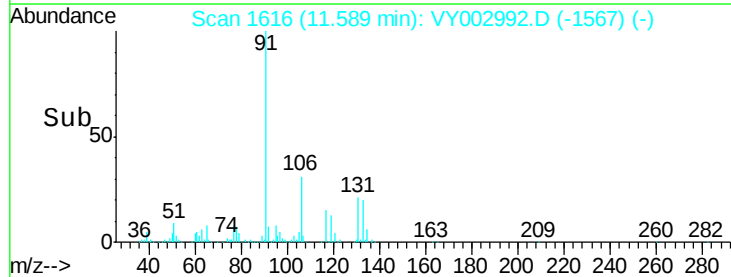
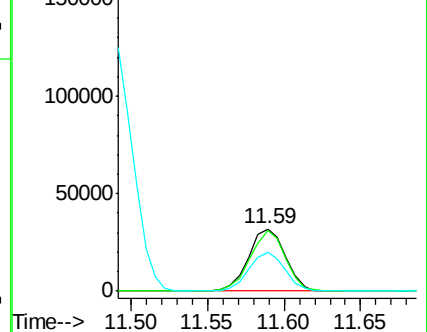
119 61.0 30.1 90.5

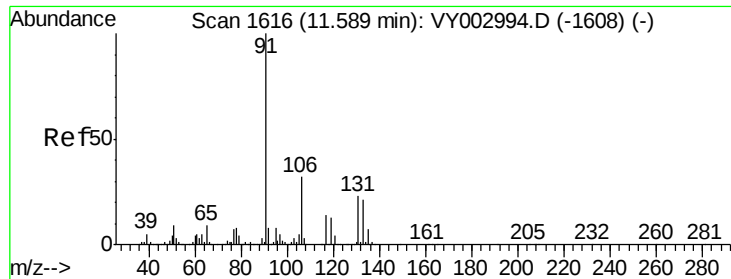


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

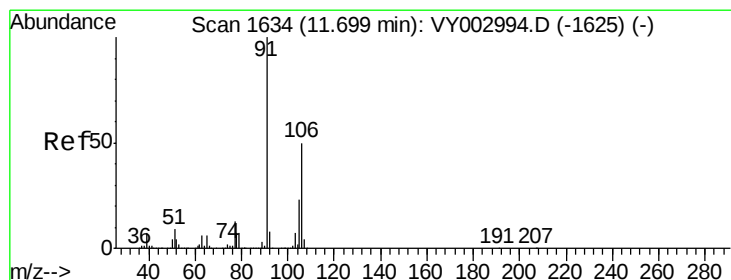
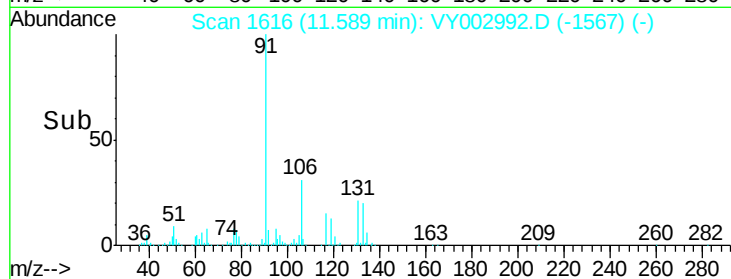
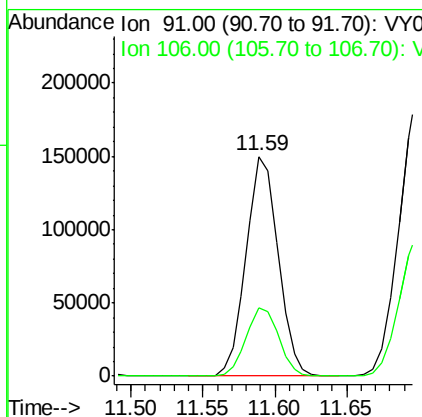
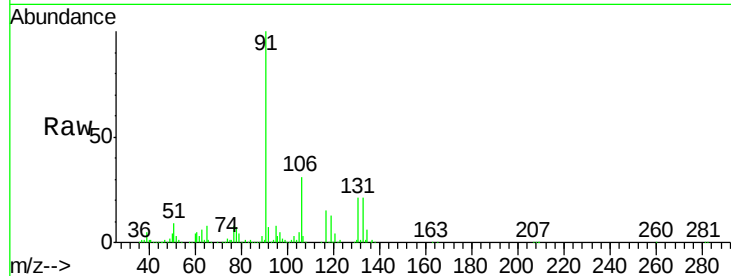




#67
Ethyl Benzene
Concen: 11.239 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

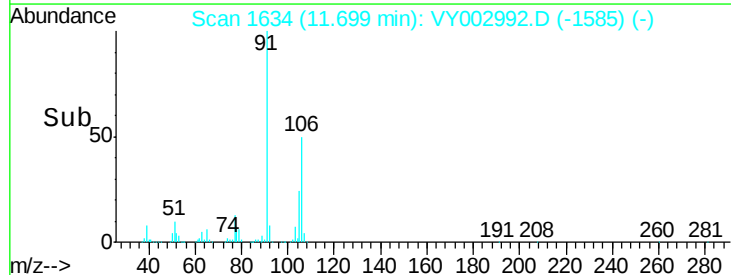
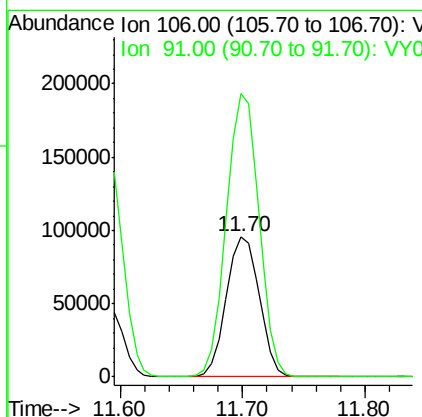
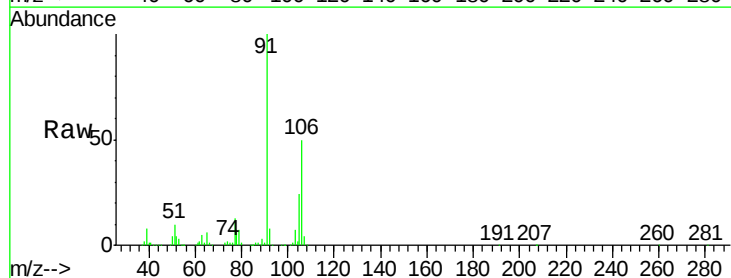
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

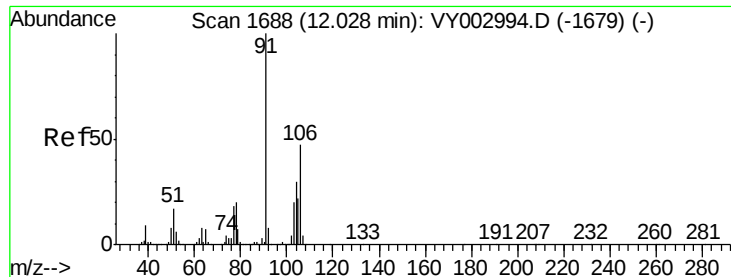
Tgt Ion: 91 Resp: 231151
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 22.388 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 106 Resp: 178493
Ion Ratio Lower Upper
106 100
91 200.5 160.0 240.0

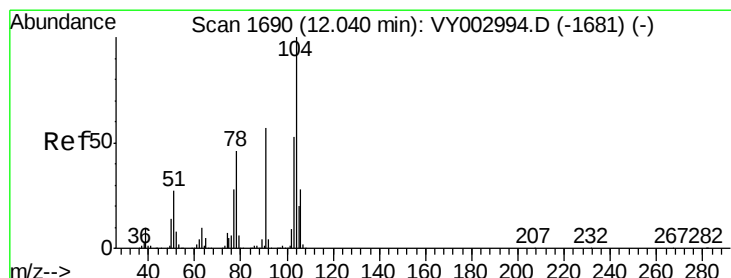
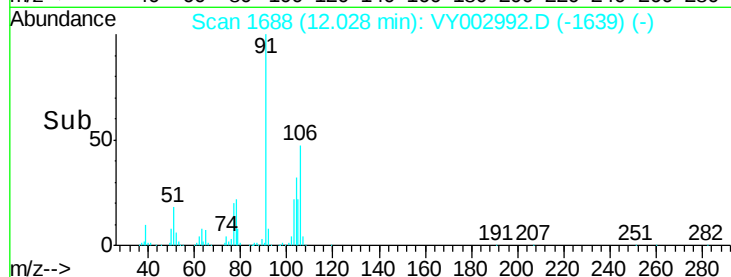
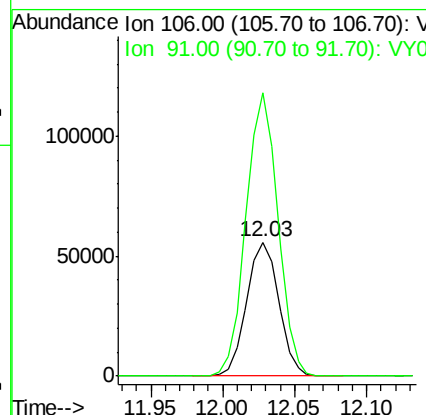
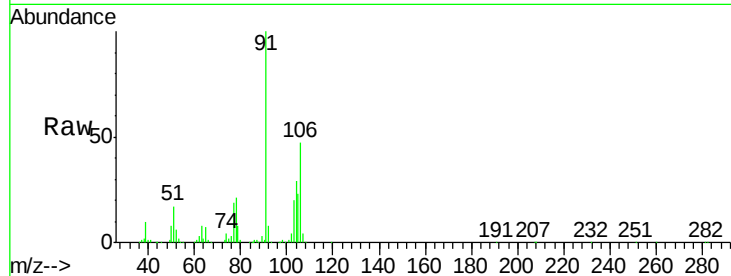




#69
o-Xylene
Concen: 11.471 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

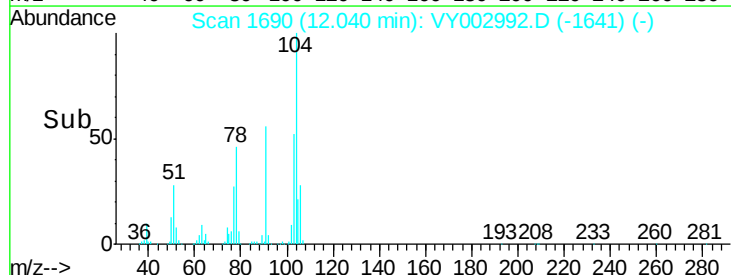
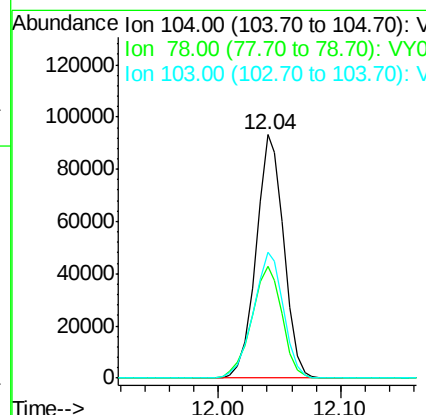
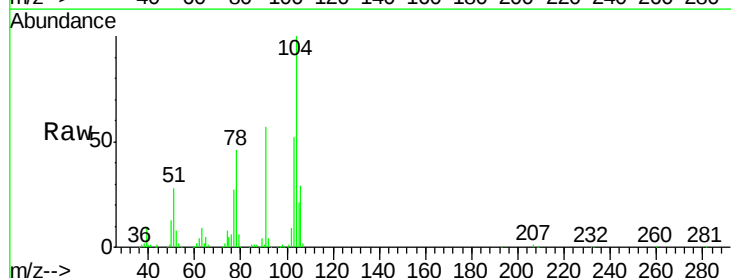
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

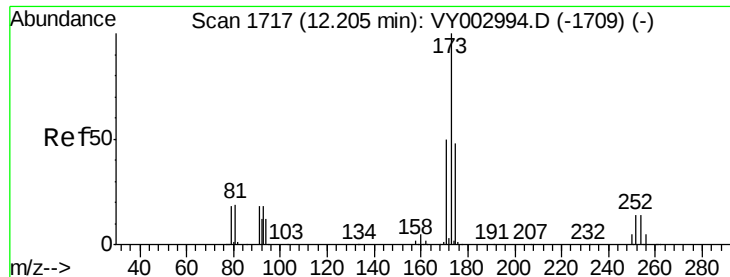
Tgt Ion:106 Resp: 86229
Ion Ratio Lower Upper
106 100
91 210.6 105.8 317.3



#70
Styrene
Concen: 11.292 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion:104 Resp: 146623
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 56.4 44.3 66.5





#71

Bromoform

Concen: 11.699 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

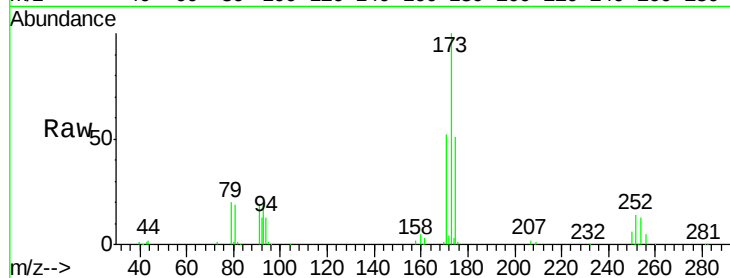
Tgt Ion:173 Resp: 36106

Ion Ratio Lower Upper

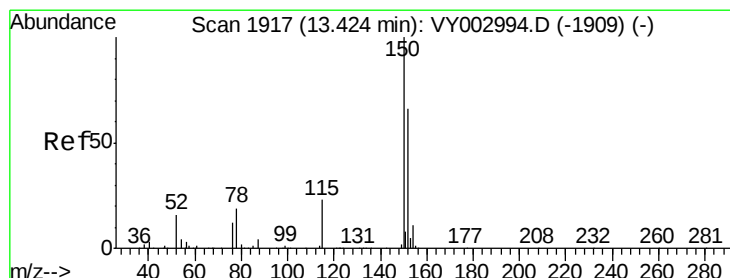
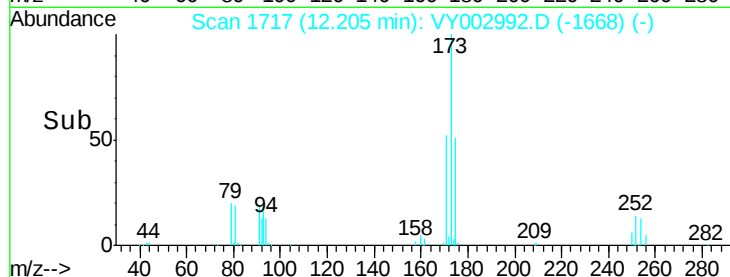
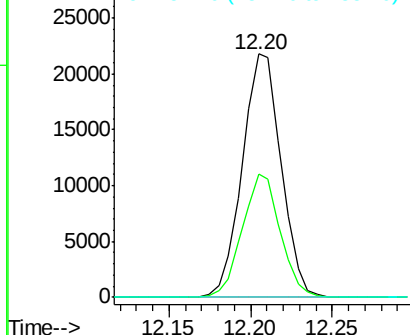
173 100

175 49.5 24.1 72.2

254 0.0 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: VY002992.D

Acq: 25 Jun 2020 11:48

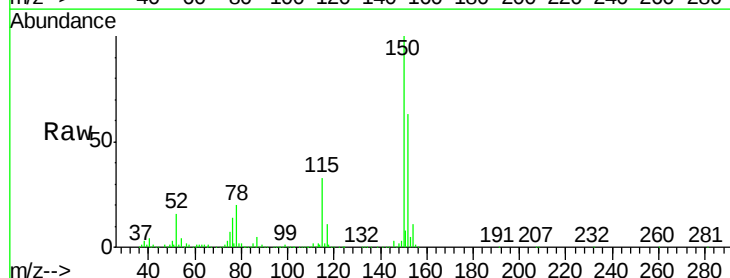
Tgt Ion:152 Resp: 326345

Ion Ratio Lower Upper

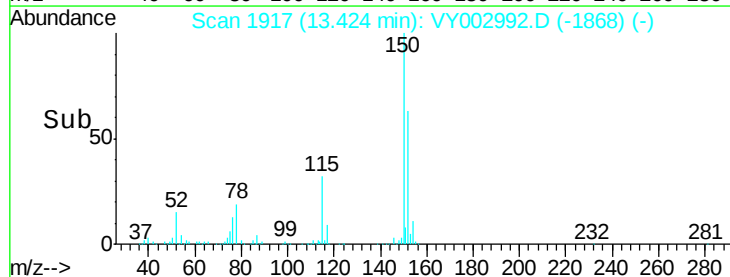
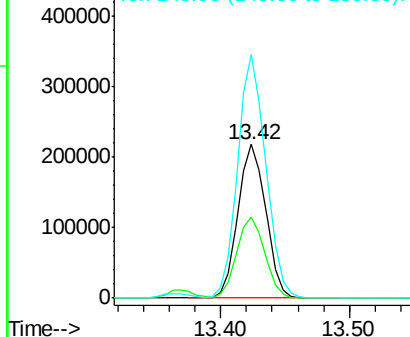
152 100

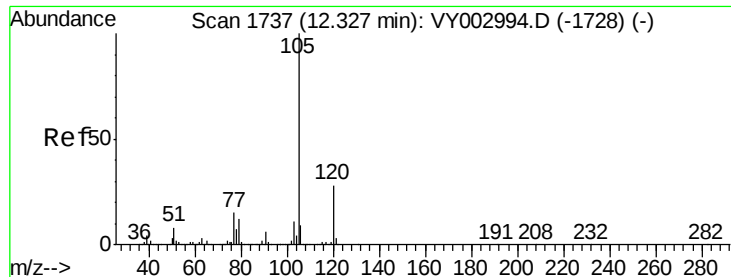
115 53.2 26.3 78.8

150 160.0 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: 11.884 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

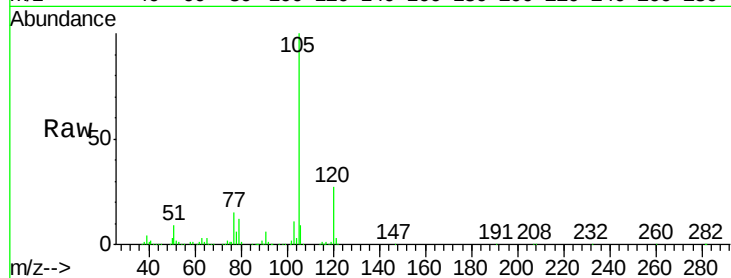
VSTDIC010

Tgt Ion: 105 Resp: 236149

Ion Ratio Lower Upper

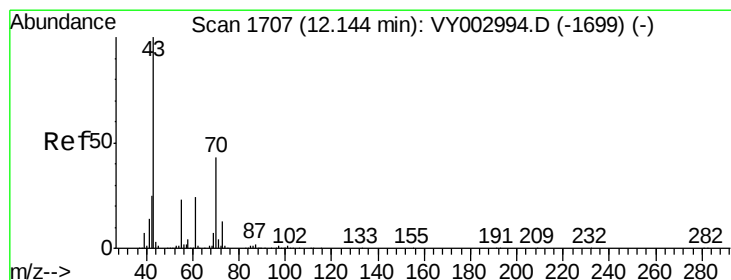
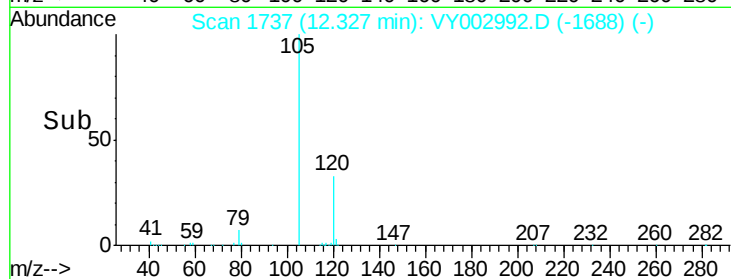
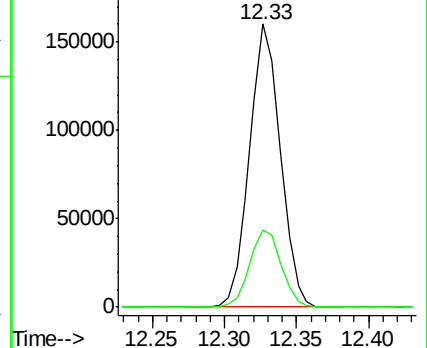
105 100

120 27.8 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: 12.168 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Tgt Ion: 43 Resp: 63433

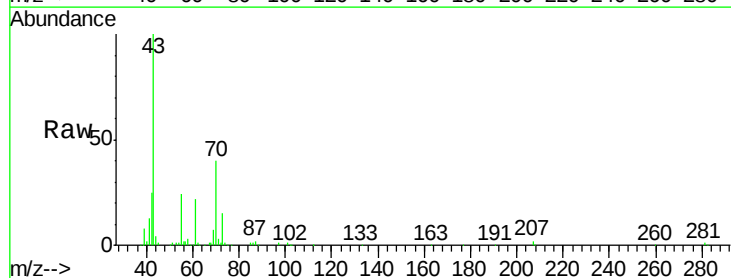
Ion Ratio Lower Upper

43 100

70 42.0 34.4 51.6

55 24.0 18.8 28.2

61 24.8 19.7 29.5

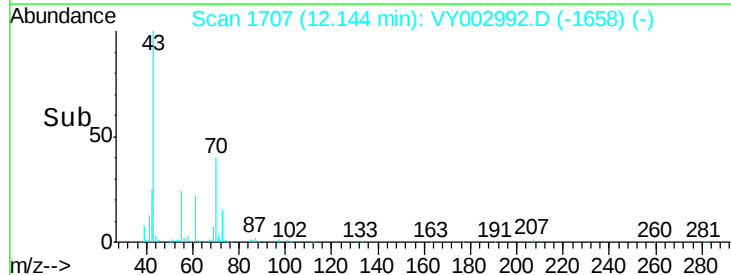
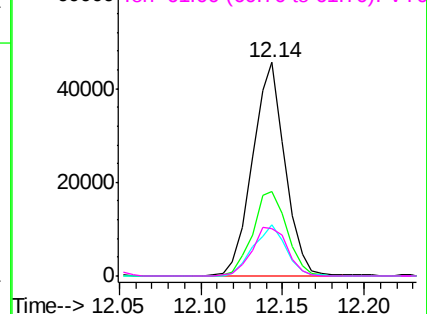


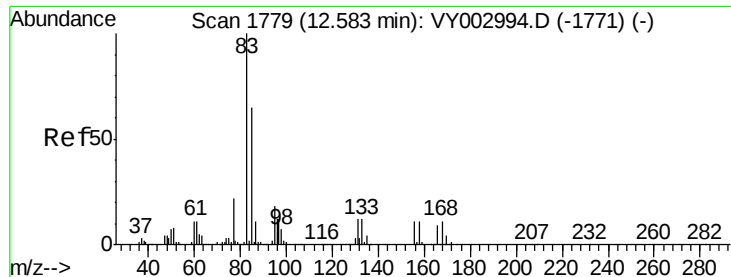
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 10.864 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

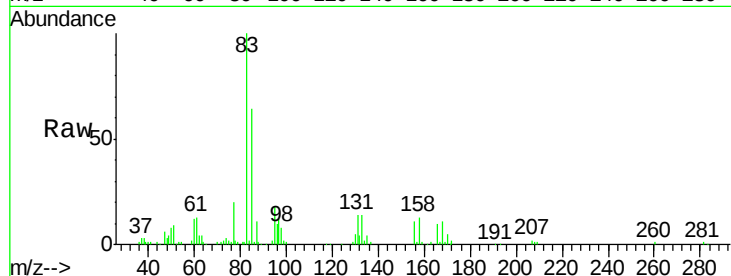
Tgt Ion: 83 Resp: 40001

Ion Ratio Lower Upper

83 100

131 12.7 6.3 18.8

85 65.6 32.4 97.2



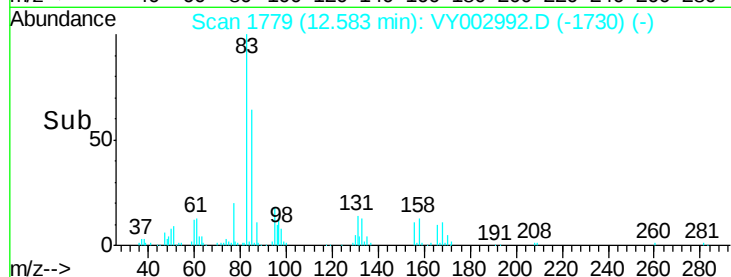
Abundance Ion 82.90 (82.60 to 83.60): VY002992.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY002992.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY002992.D (-1771) (-)

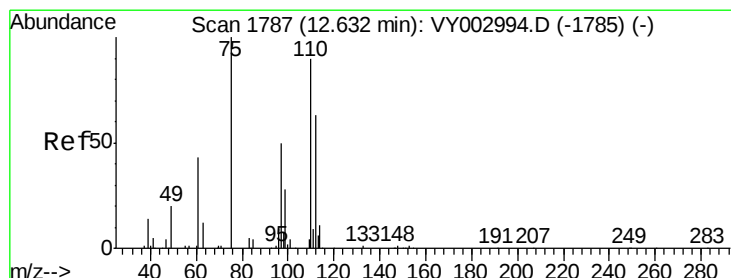
Time-->

12.58



Time-->

12.58



#76

1,2,3-Trichloropropane

Concen: 21.422 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002992.D

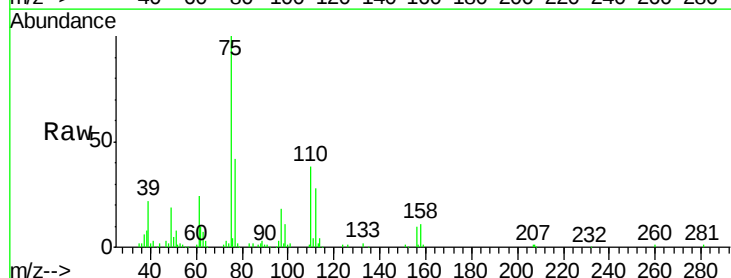
Acq: 25 Jun 2020 11:48

Tgt Ion: 75 Resp: 60493

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

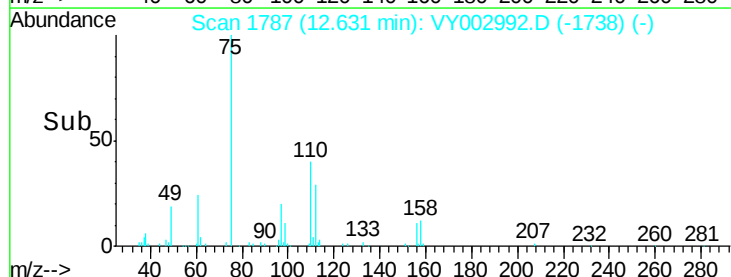


Abundance Ion 74.90 (74.60 to 75.60): VY002992.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002992.D (-1785) (-)

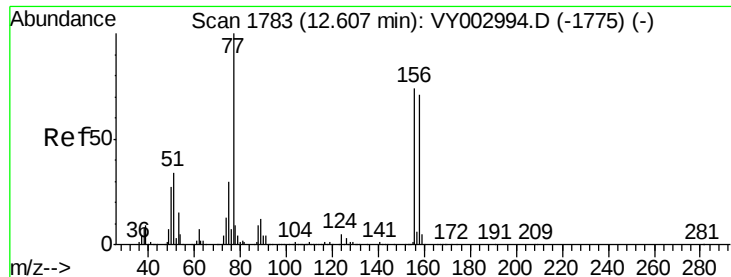
Time-->

12.63



Time-->

12.63



#77

Bromobenzene

Concen: 12.133 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

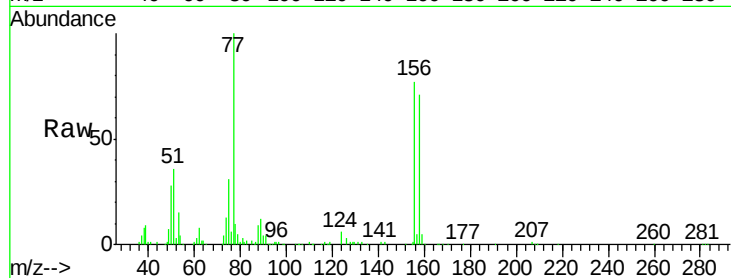
Tgt Ion:156 Resp: 63971

Ion Ratio Lower Upper

156 100

77 156.1 77.3 231.9

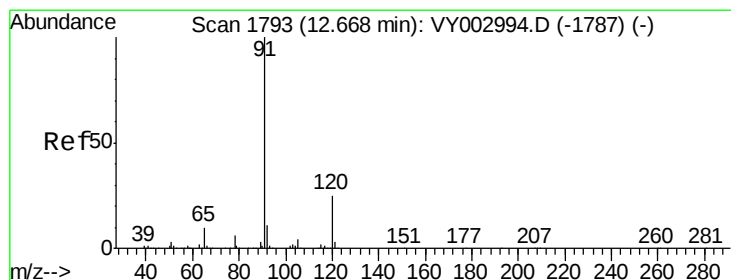
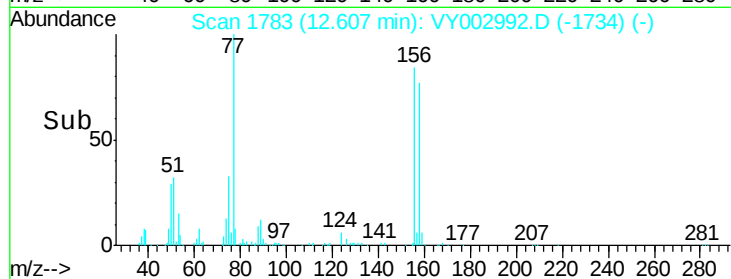
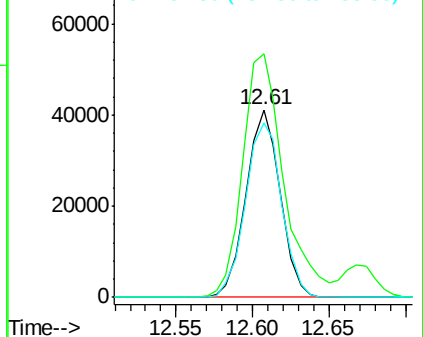
158 98.3 48.9 146.8



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: 11.849 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002992.D

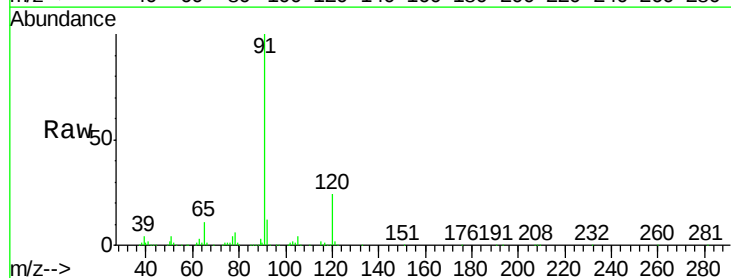
Acq: 25 Jun 2020 11:48

Tgt Ion: 91 Resp: 273016

Ion Ratio Lower Upper

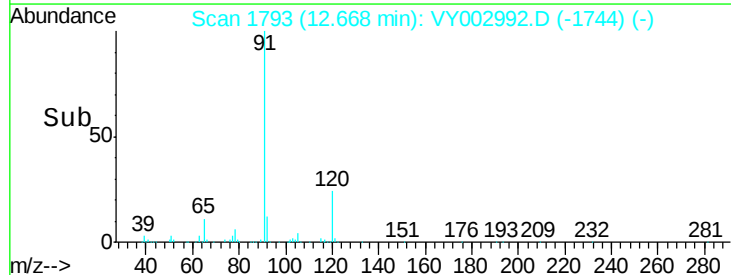
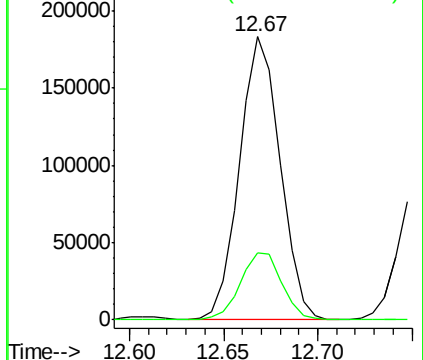
91 100

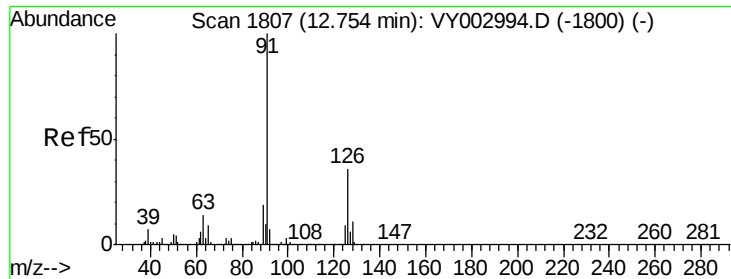
120 24.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

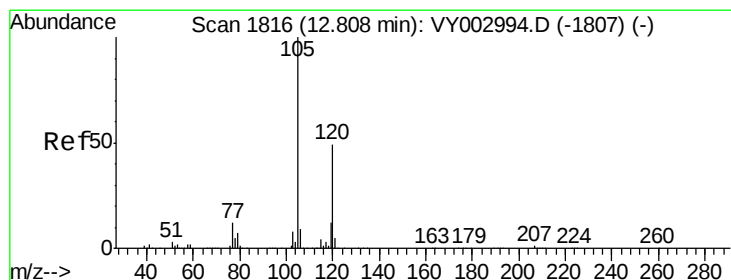
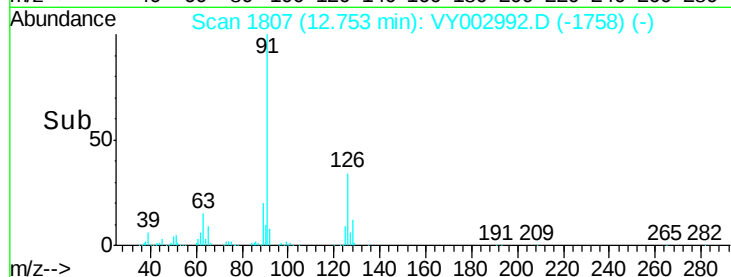
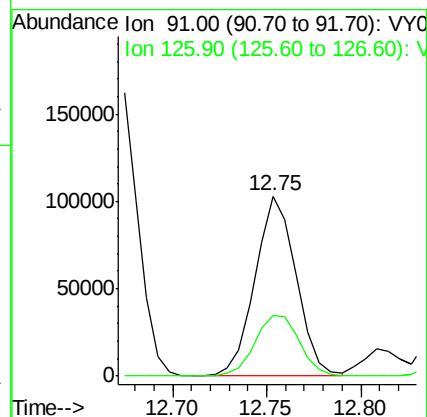
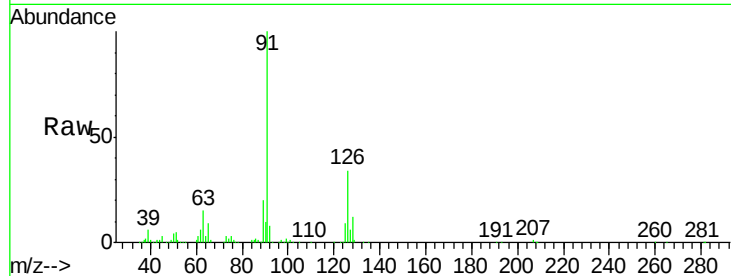




#79
 2-Chlorotoluene
 Concen: 12.027 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

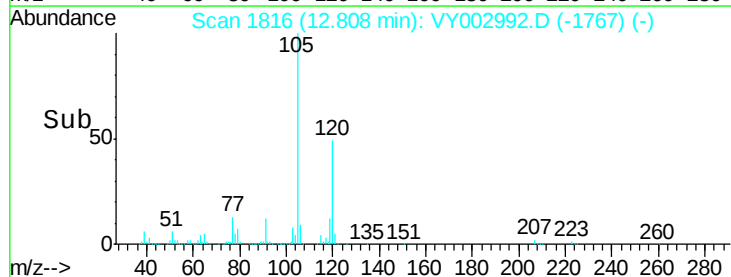
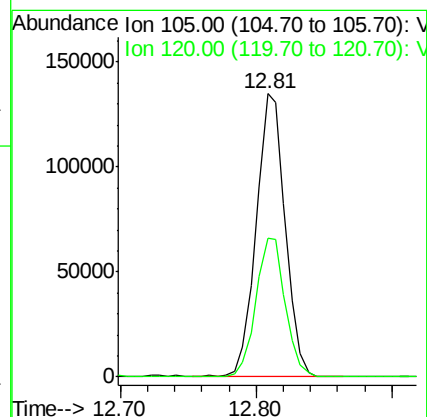
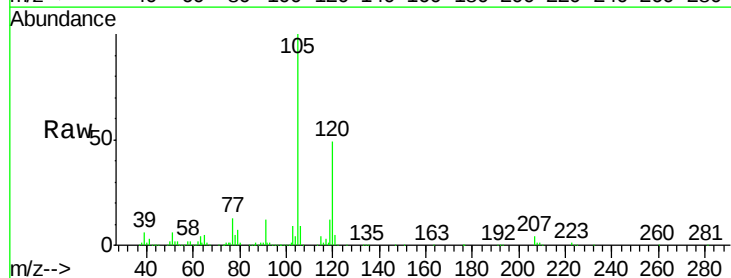
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

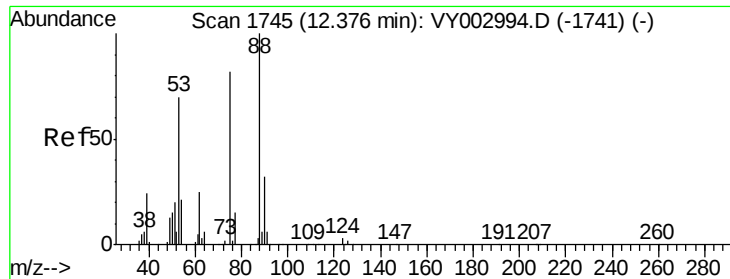
Tgt Ion: 91 Resp: 155373
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 12.092 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion: 105 Resp: 201760
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 10.990 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

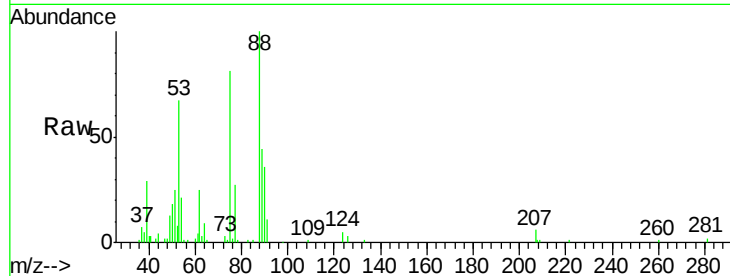
Tgt Ion: 75 Resp: 16032

Ion Ratio Lower Upper

75 100

53 86.3 72.2 108.4

89 44.1 35.0 52.4

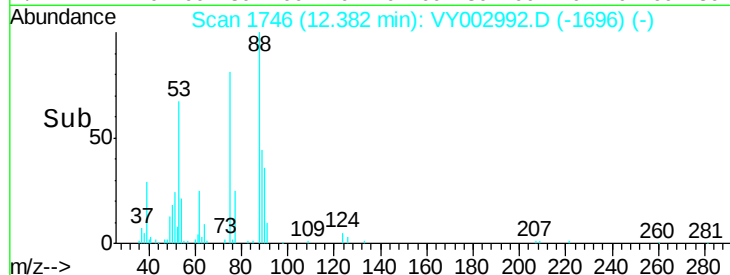


Abundance Ion 74.90 (74.60 to 75.60): VY002992.D (-1741) (-)

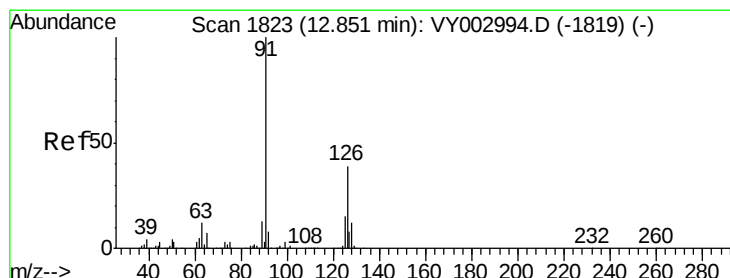
Ion 53.00 (52.70 to 53.70): VY002992.D (-1741) (-)

Ion 88.90 (88.60 to 89.60): VY002992.D (-1741) (-)

Time-->



Time-->



#82

4-Chlorotoluene

Concen: 12.107 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002992.D

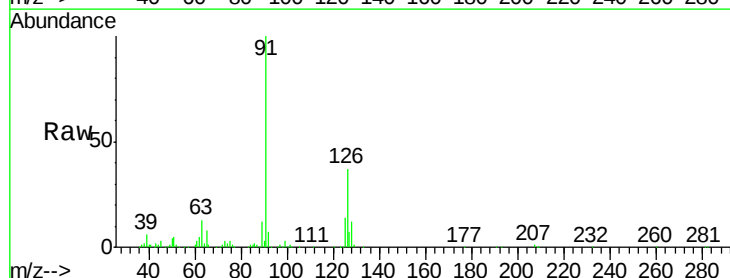
Acq: 25 Jun 2020 11:48

Tgt Ion: 91 Resp: 164528

Ion Ratio Lower Upper

91 100

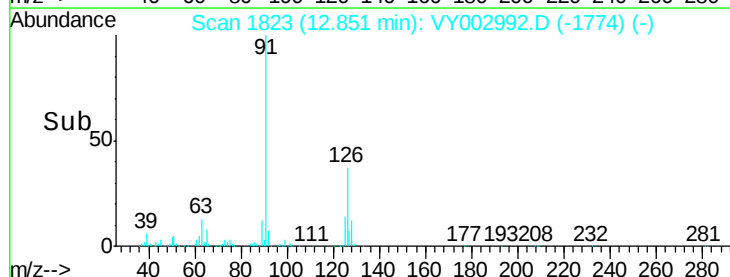
126 36.8 18.4 55.2



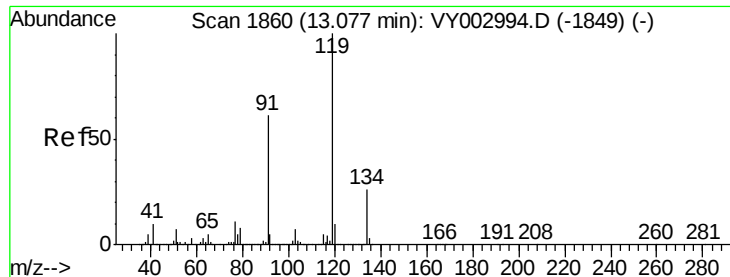
Abundance Ion 91.00 (90.70 to 91.70): VY002992.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VY002992.D (-1774) (-)

Time-->



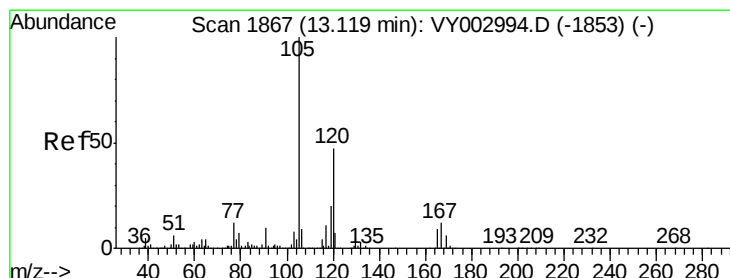
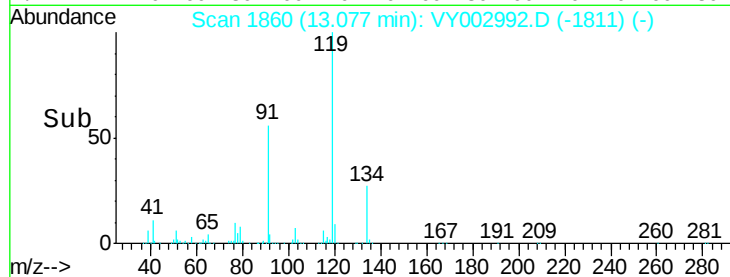
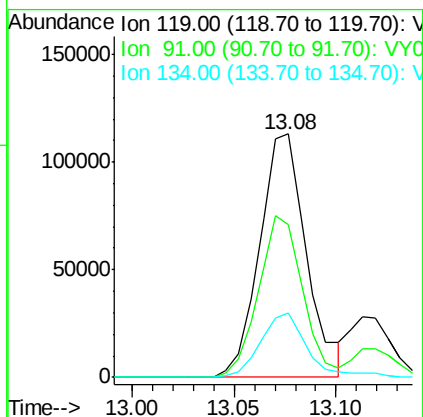
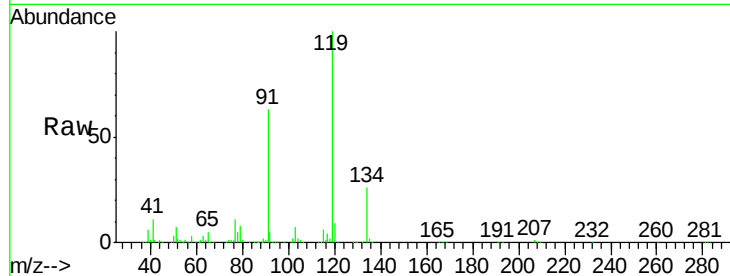
Time-->



#83
tert-Butylbenzene
Concen: 12.018 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

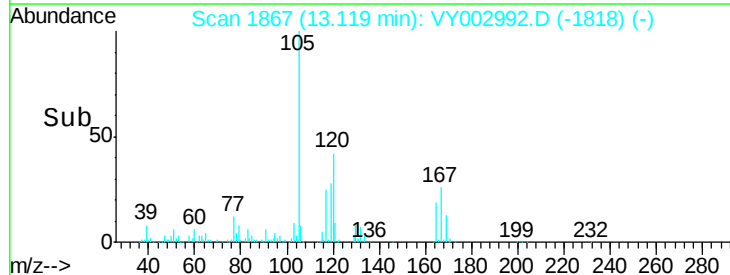
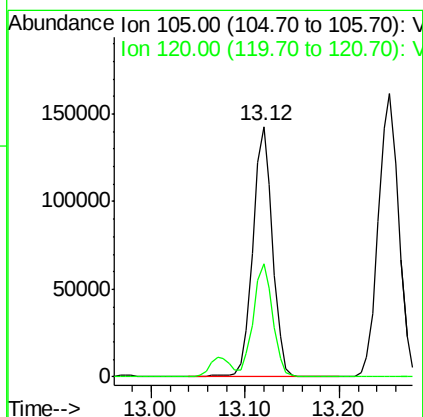
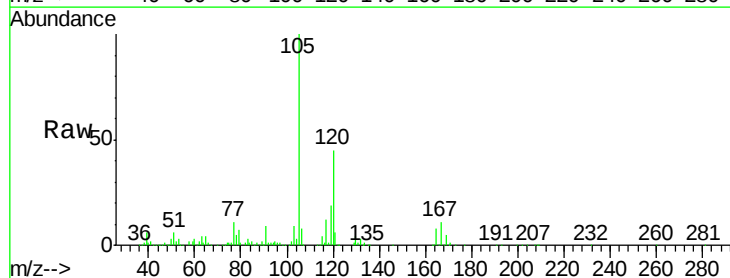
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

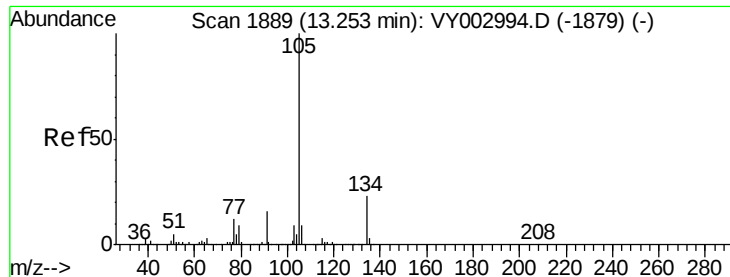
Tgt Ion:119 Resp: 180535
Ion Ratio Lower Upper
119 100
91 63.0 31.4 94.2
134 26.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 12.493 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion:105 Resp: 209643
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.2

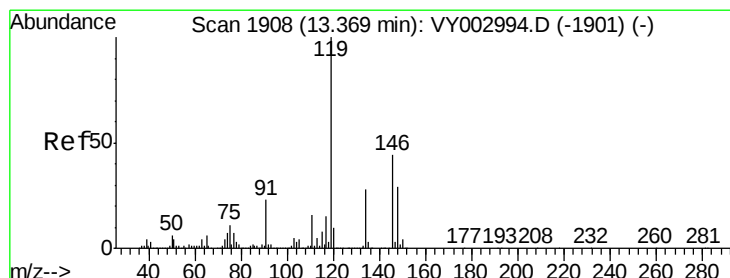
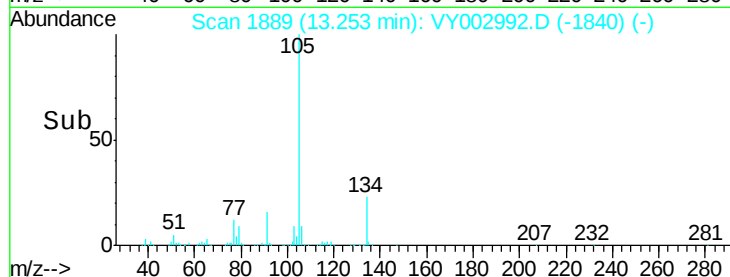
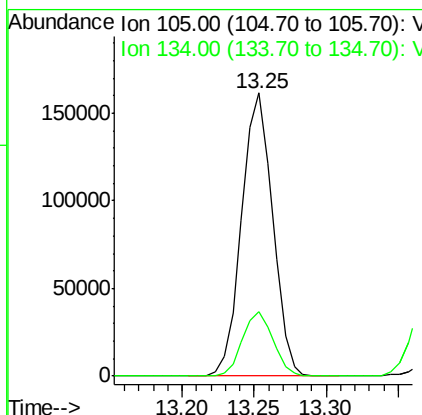
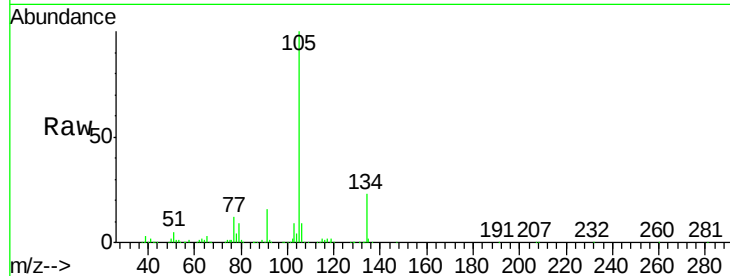




#85
 sec-Butylbenzene
 Concen: 12.010 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

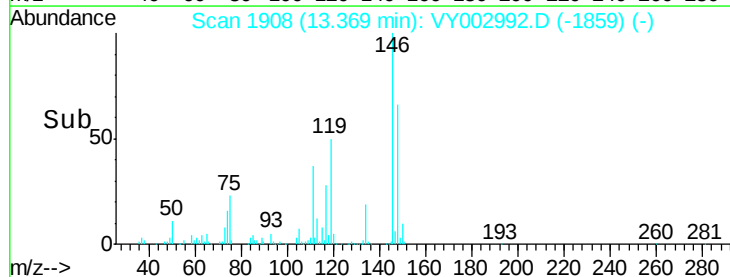
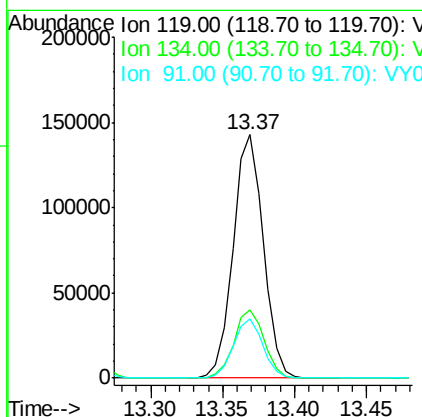
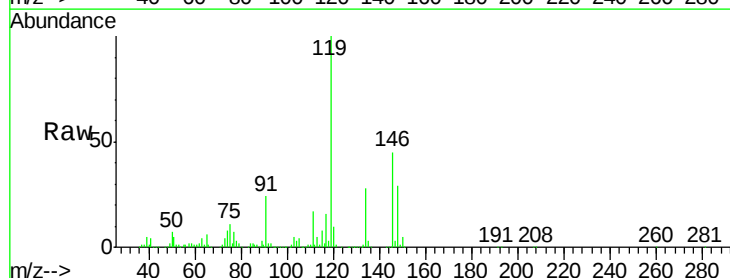
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

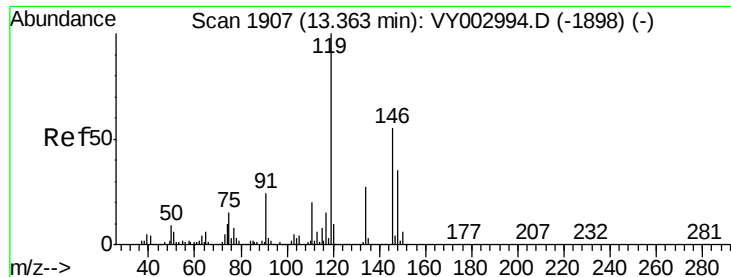
Tgt Ion:105 Resp: 241678
 Ion Ratio Lower Upper
 105 100
 134 22.3 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 10.993 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion:119 Resp: 208510
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.8 41.4
 91 23.9 11.7 35.0

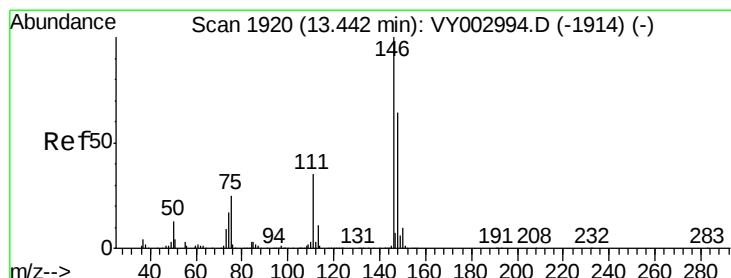
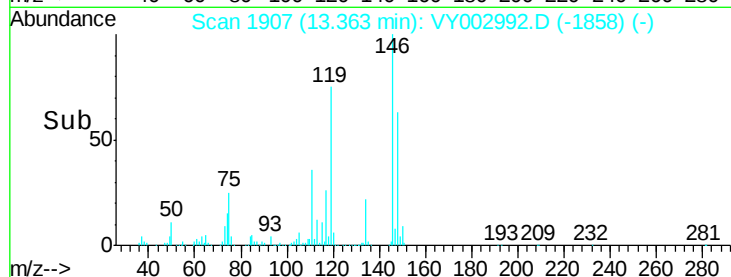
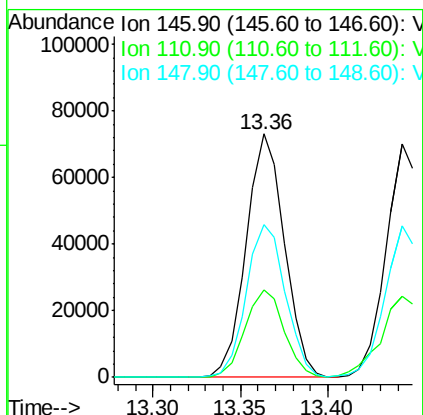
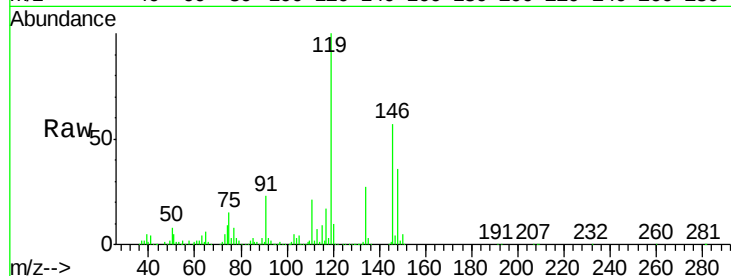




#87
 1,3-Dichlorobenzene
 Concen: 11.267 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

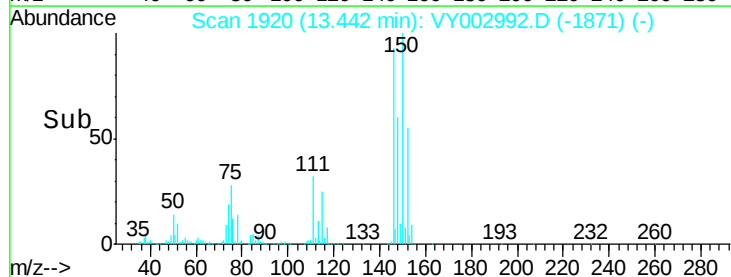
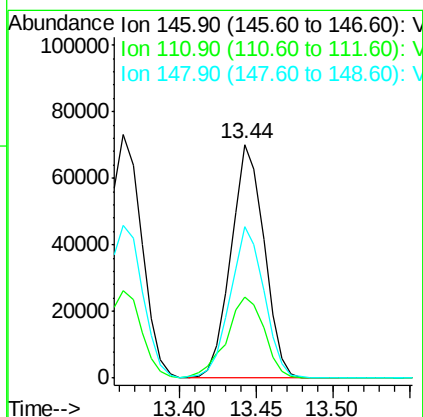
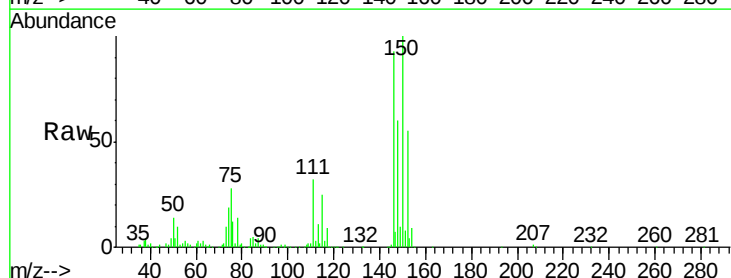
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

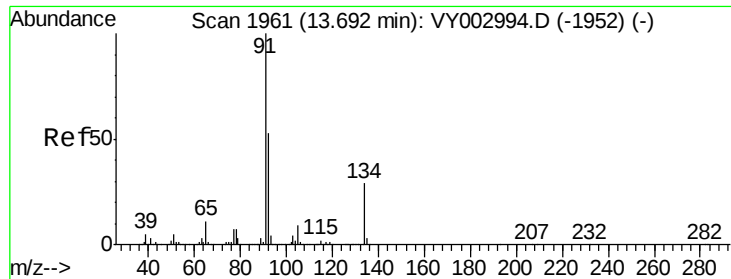
Tgt Ion:146 Resp: 111064
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.2
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 10.643 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion:146 Resp: 105674
 Ion Ratio Lower Upper
 146 100
 111 39.6 17.8 53.4
 148 66.3 32.3 96.8





#89

n-Butylbenzene

Concen: 10.234 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

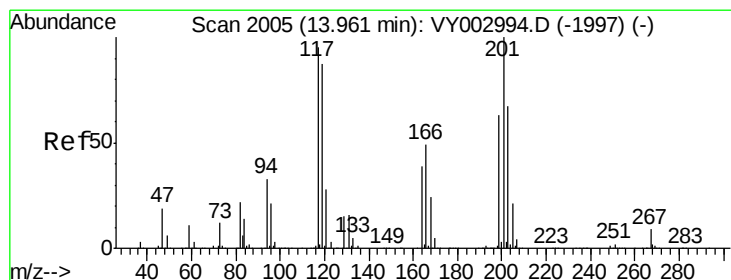
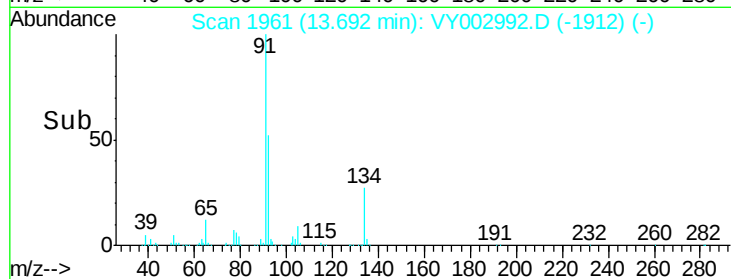
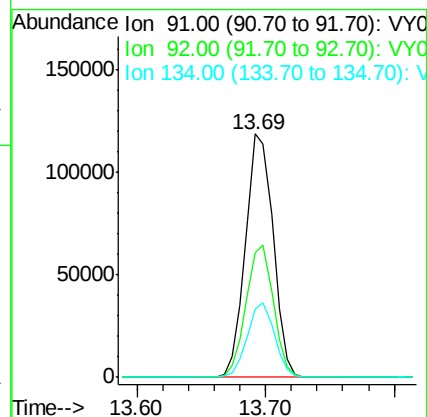
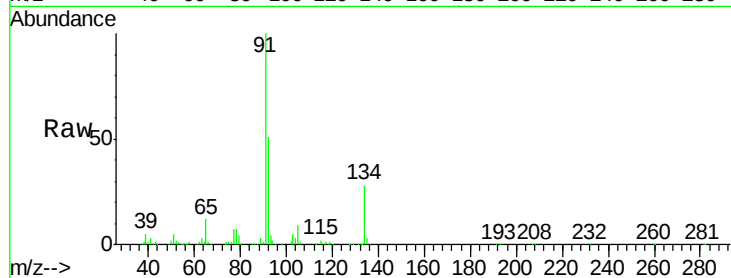
Tgt Ion: 91 Resp: 176108

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.6

134 30.1 14.9 44.7



#90

Hexachloroethane

Concen: 10.564 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002992.D

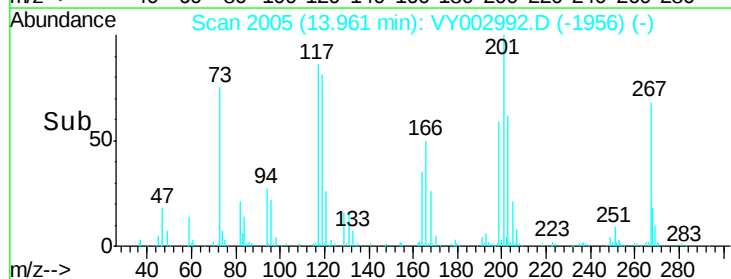
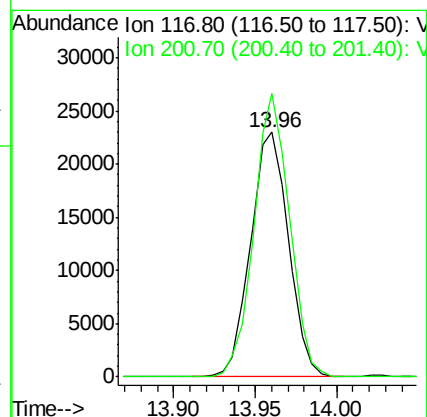
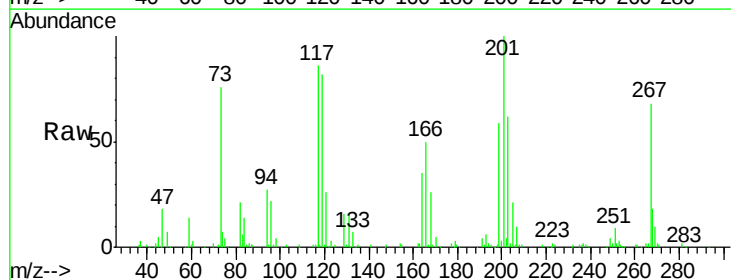
Acq: 25 Jun 2020 11:48

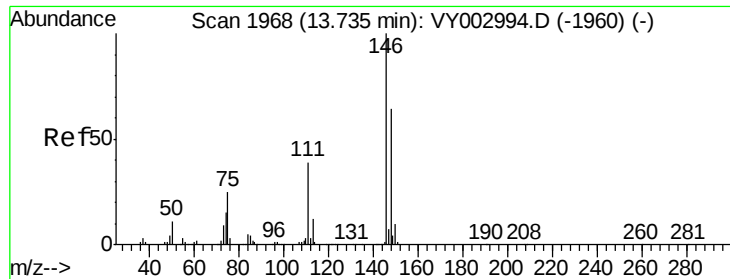
Tgt Ion: 117 Resp: 37199

Ion Ratio Lower Upper

117 100

201 108.4 53.8 161.5

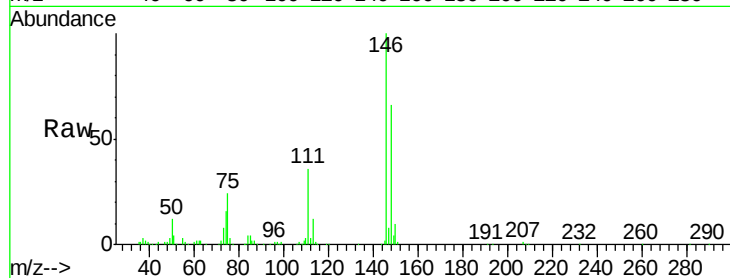




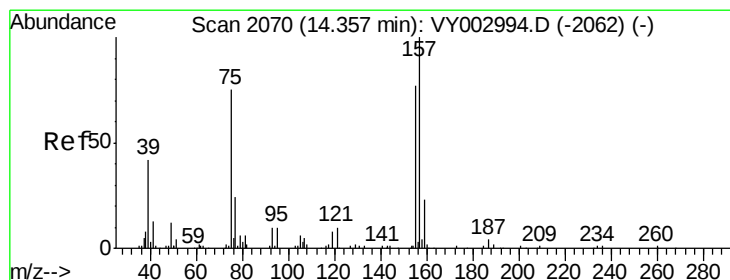
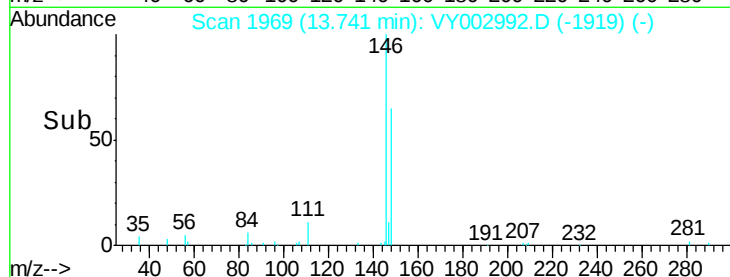
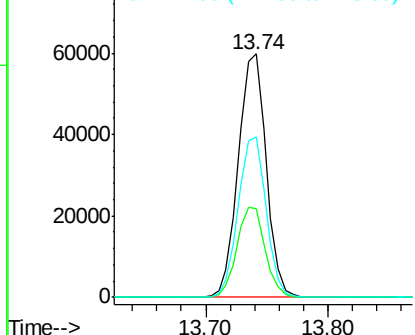
#91
 1,2-Dichlorobenzene
 Concen: 10.474 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 146 Resp: 94374
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.7
 148 65.8 31.8 95.4

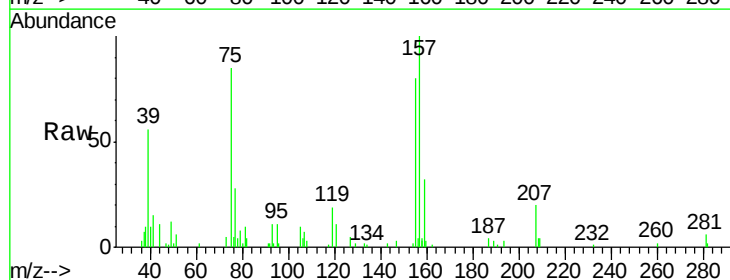


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

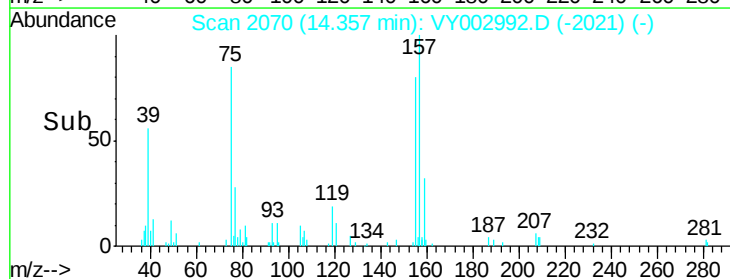
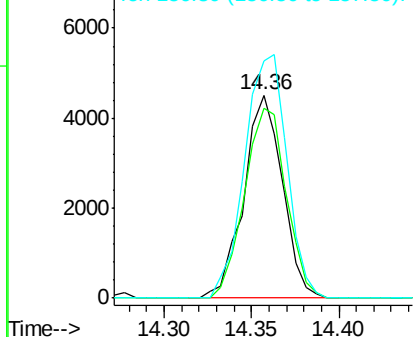


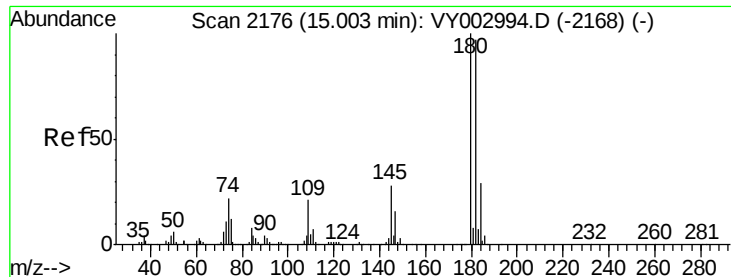
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.228 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion: 75 Resp: 6929
 Ion Ratio Lower Upper
 75 100
 155 101.2 51.3 153.9
 157 131.3 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

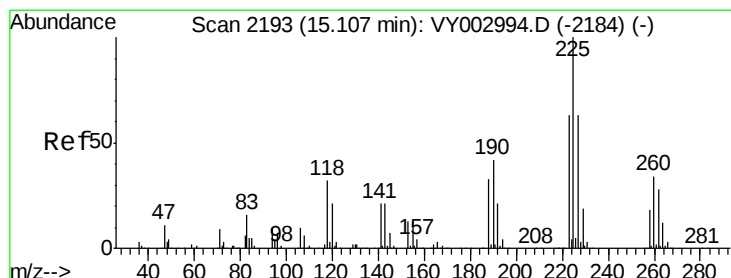
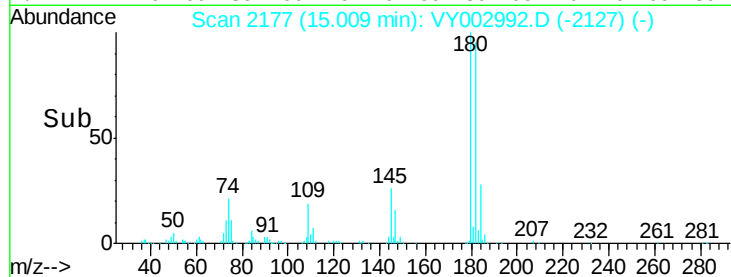
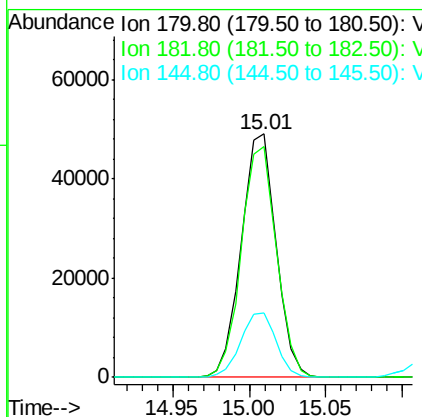
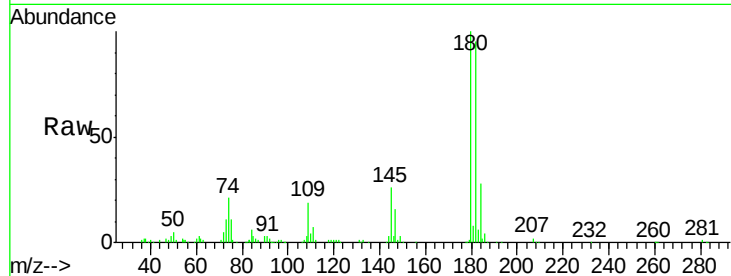




#93
 1,2,4-Trichlorobenzene
 Concen: 11.614 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

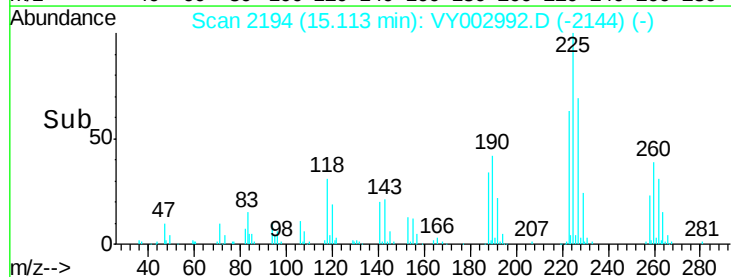
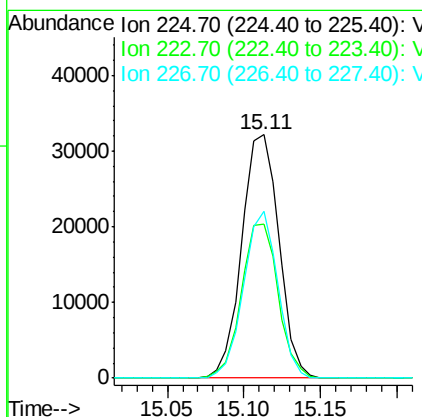
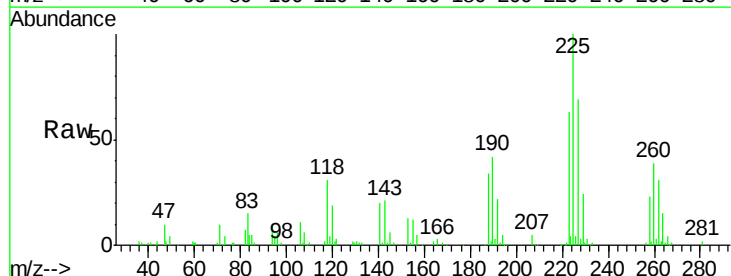
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

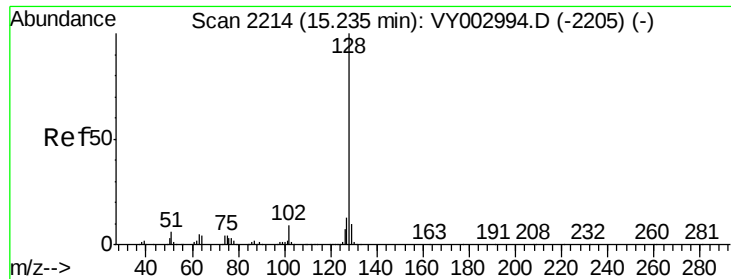
Tgt Ion:180 Resp: 77505
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.2
 145 26.8 13.5 40.5



#94
 Hexachlorobutadiene
 Concen: 13.655 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion:225 Resp: 54429
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 94.8
 227 63.1 32.2 96.6

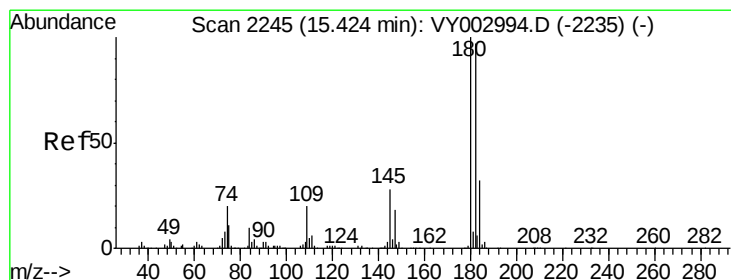
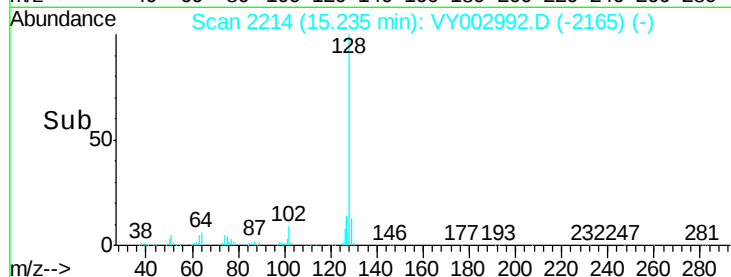
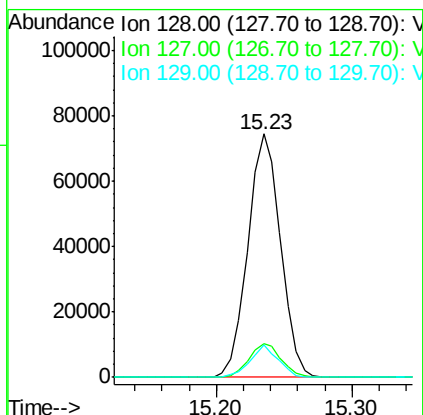
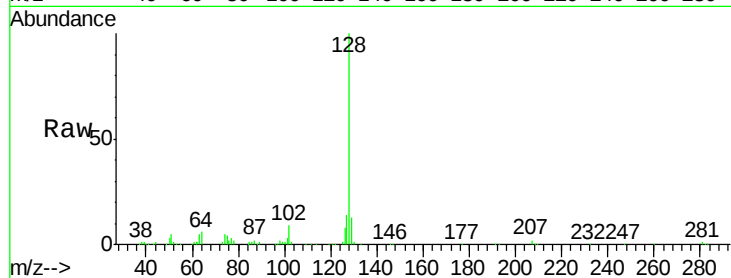




#95
Naphthalene
Concen: 9.655 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	11.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 11.187 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.1	141.4
145	29.8	14.0	42.0

