

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
 Data File : VY003000.D
 Acq On : 29 Jun 2020 11:31
 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 29 17:29:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	469183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	691468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	630861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	335192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	44588	9.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.14%	
35) Dibromofluoromethane	7.72	113	42595	9.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.74%	
50) Toluene-d8	10.18	98	155323	9.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.34%	
62) 4-Bromofluorobenzene	12.48	95	54529	9.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	33425	9.407	ug/l 98
3) Chloromethane	2.12	50	54202	10.417	ug/l 99
4) Vinyl Chloride	2.26	62	50820	10.013	ug/l 93
5) Bromomethane	2.65	94	34789	10.095	ug/l 97
6) Chloroethane	2.79	64	32605	10.098	ug/l 95
7) Trichlorofluoromethane	3.13	101	71079	9.922	ug/l 97
8) Diethyl Ether	3.53	74	24616	10.023	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43112	10.079	ug/l 99
10) Methyl Iodide	4.10	142	50998	9.615	ug/l 99
11) Tert butyl alcohol	4.96	59	24545	51.684	ug/l 100
12) 1,1-Dichloroethene	3.88	96	41164	10.114	ug/l 95
13) Acrolein	3.74	56	22384	52.479	ug/l 99
14) Allyl chloride	4.49	41	71728	10.094	ug/l 100
15) Acrylonitrile	5.18	53	63177	49.915	ug/l 100
16) Acetone	3.95	43	53792	48.945	ug/l 96
17) Carbon Disulfide	4.20	76	131760	10.133	ug/l 97
18) Methyl Acetate	4.49	43	29059	9.814	ug/l 100
19) Methyl tert-butyl Ether	5.23	73	117601	9.913	ug/l 94
20) Methylene Chloride	4.72	84	72173	11.766	ug/l 93
21) trans-1,2-Dichloroethene	5.22	96	48529	10.542	ug/l 93
22) Diisopropyl ether	6.13	45	152468	10.011	ug/l 98
23) Vinyl Acetate	6.07	43	505941	49.689	ug/l 99
24) 1,1-Dichloroethane	6.04	63	84243	10.126	ug/l 99
25) 2-Butanone	6.99	43	85800	49.146	ug/l 98
26) 2,2-Dichloropropane	6.99	77	77863	10.301	ug/l 98
27) cis-1,2-Dichloroethene	6.99	96	52430	10.154	ug/l 99
28) Bromochloromethane	7.34	49	35413	9.567	ug/l 96
29) Tetrahydrofuran	7.35	42	57875	49.850	ug/l 98
30) Chloroform	7.52	83	83936	10.184	ug/l 99
31) Cyclohexane	7.79	56	85517	10.434	ug/l # 80
32) 1,1,1-Trichloroethane	7.71	97	76624	10.185	ug/l 99
36) 1,1-Dichloropropene	7.93	75	68570	10.295	ug/l 99
37) Ethyl Acetate	7.08	43	39036	9.748	ug/l 96
38) Carbon Tetrachloride	7.91	117	69462	10.024	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	82967	10.047	ug/l	97
40) Benzene	8.16	78	185326	10.163	ug/l	99
41) Methacrylonitrile	7.35	41	53881	10.969	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	56942	9.871	ug/l	97
43) Isopropyl Acetate	8.28	43	75922	9.973	ug/l	98
44) Trichloroethene	8.94	130	53823	10.155	ug/l	96
45) 1,2-Dichloropropane	9.22	63	49501	10.090	ug/l	98
46) Dibromomethane	9.31	93	28254	10.312	ug/l	96
47) Bromodichloromethane	9.50	83	67387	10.044	ug/l	99
48) Methyl methacrylate	9.30	41	34276	9.891	ug/l	98
49) 1,4-Dioxane	9.30	88	6680	199.721	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	194170	49.346	ug/l	99
52) Toluene	10.24	92	116297	10.131	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	70019	9.954	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	81177	10.091	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	39420	10.353	ug/l	98
56) Ethyl methacrylate	10.51	69	53621	9.729	ug/l	98
57) 1,3-Dichloropropane	10.79	76	67609	10.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	126906	44.896	ug/l	100
59) 2-Hexanone	10.83	43	137814	50.108	ug/l	98
60) Dibromochloromethane	10.99	129	49093	10.076	ug/l	98
61) 1,2-Dibromoethane	11.09	107	38015	10.128	ug/l	98
64) Tetrachloroethene	10.72	164	53896	10.094	ug/l	98
65) Chlorobenzene	11.52	112	126593	10.177	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48194	9.923	ug/l	99
67) Ethyl Benzene	11.59	91	231107	10.155	ug/l	98
68) m/p-Xylenes	11.70	106	171293	20.224	ug/l	100
69) o-Xylene	12.03	106	79776	9.995	ug/l	100
70) Styrene	12.04	104	135956	9.971	ug/l	99
71) Bromoform	12.20	173	32643	10.080	ug/l #	99
73) Isopropylbenzene	12.33	105	219083	9.987	ug/l	99
74) N-amyl acetate	12.14	43	70115	9.818	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	44983	10.161	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	62507	10.910	ug/l #	100
77) Bromobenzene	12.61	156	55430	9.855	ug/l	99
78) n-propylbenzene	12.67	91	268621	10.182	ug/l	100
79) 2-Chlorotoluene	12.75	91	148401	10.078	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	186253	10.118	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17687	10.373	ug/l #	82
82) 4-Chlorotoluene	12.85	91	158217	10.319	ug/l	99
83) tert-Butylbenzene	13.08	119	162837	10.074	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	186452	10.052	ug/l	100
85) sec-Butylbenzene	13.25	105	224588	10.081	ug/l	99
86) p-Isopropyltoluene	13.37	119	209597	10.153	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	105578	10.054	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	106680	10.303	ug/l	97
89) n-Butylbenzene	13.69	91	201620	10.207	ug/l	100
90) Hexachloroethane	13.96	117	40866	9.969	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	97490	10.348	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7805	9.959	ug/l	97

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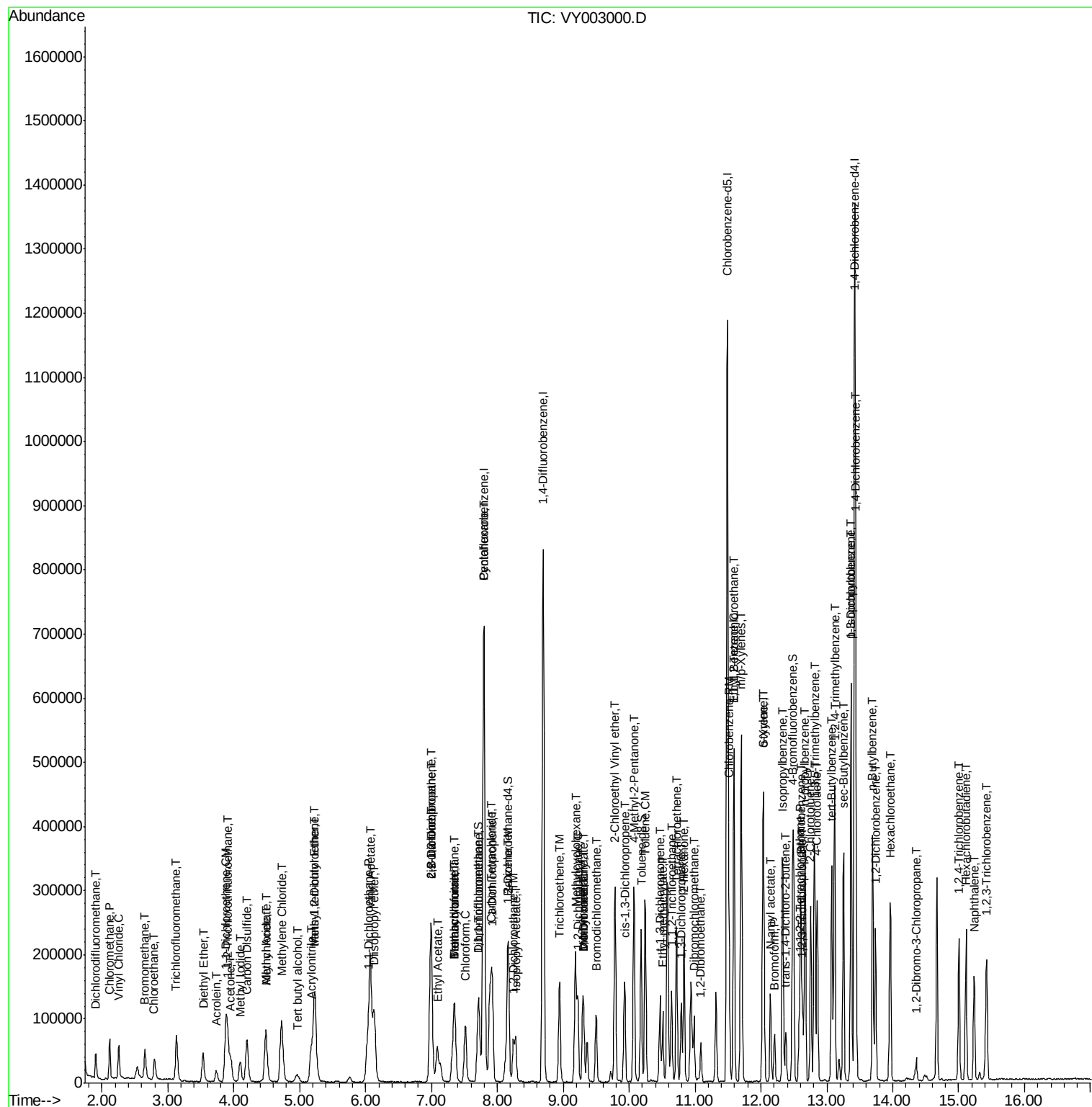
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	72933	10.418	ug/l	98
94) Hexachlorobutadiene	15.11	225	45359	10.272	ug/l	99
95) Naphthalene	15.23	128	126873	9.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62961	10.357	ug/l	98

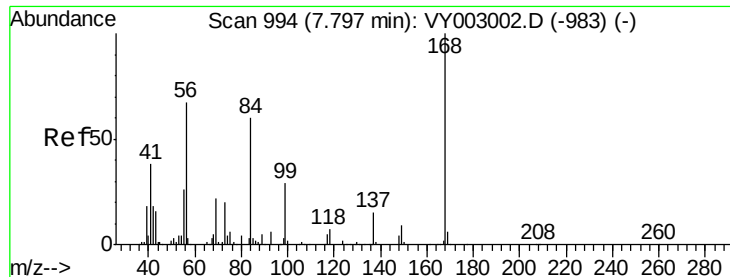
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

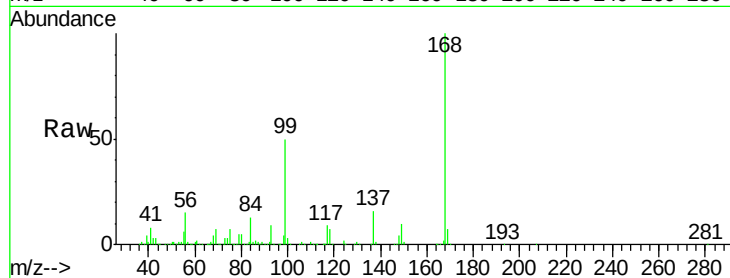
VSTDIC010

Tgt Ion:168 Resp: 469183

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



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

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

7.80

200000

150000

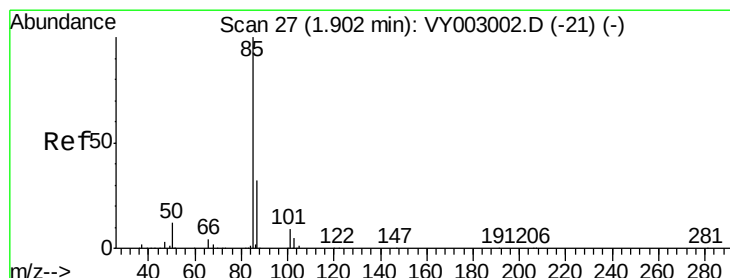
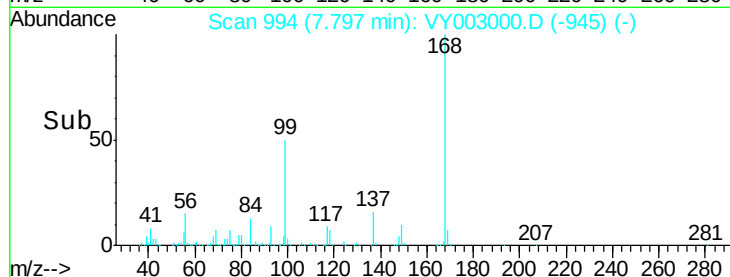
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 9.407 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003000.D

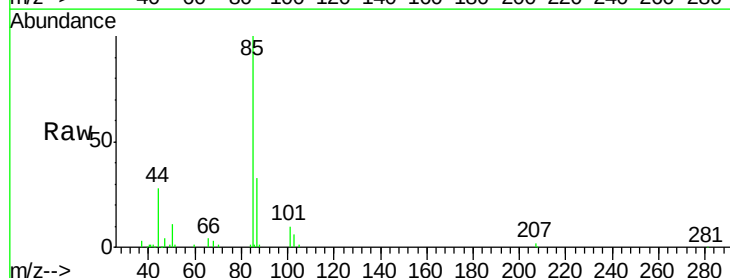
Acq: 29 Jun 2020 11:31

Tgt Ion: 85 Resp: 33425

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4



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

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

1.90

25000

20000

15000

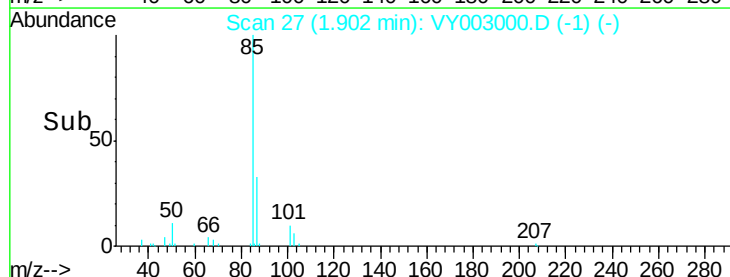
10000

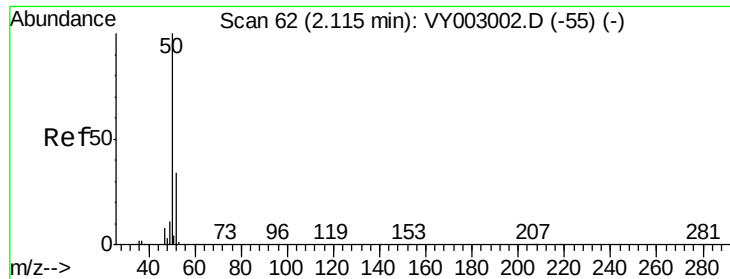
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 10.417 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

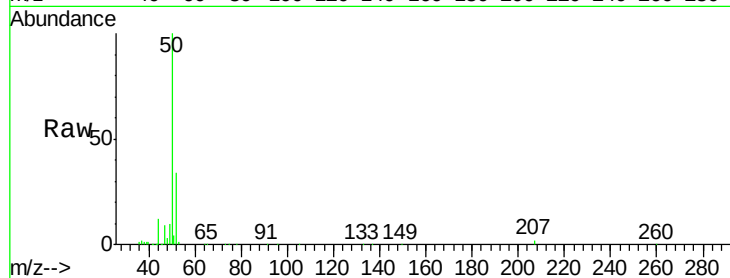
VSTDIC010

Tgt Ion: 50 Resp: 54202

Ion Ratio Lower Upper

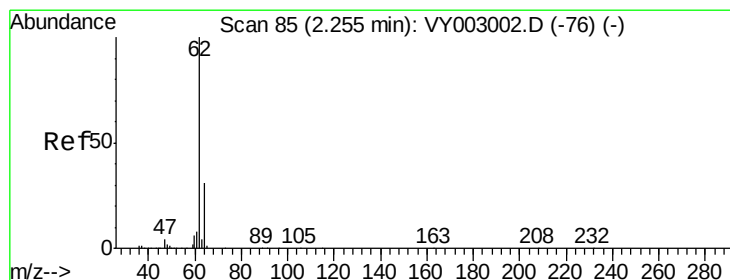
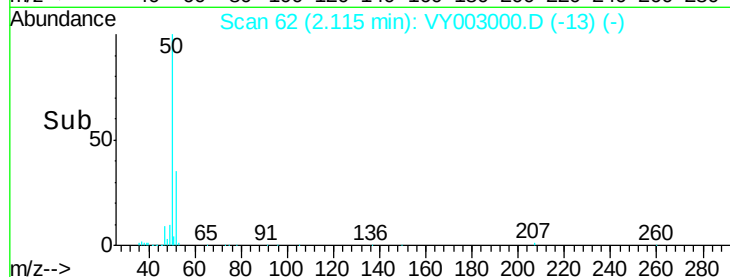
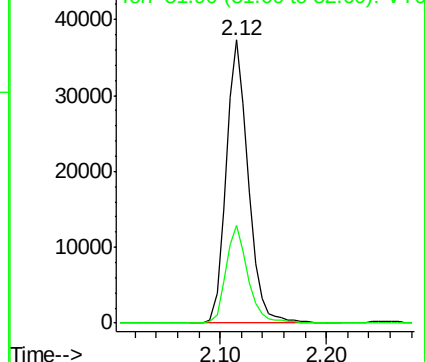
50 100

52 34.4 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 10.013 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003000.D

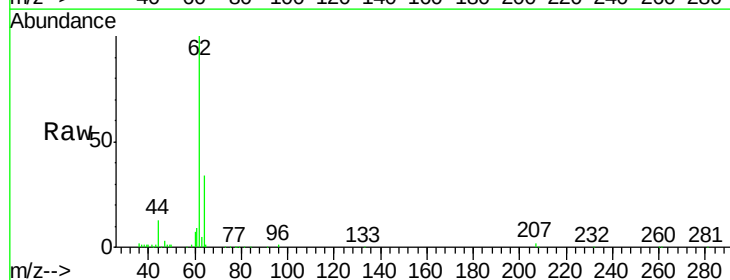
Acq: 29 Jun 2020 11:31

Tgt Ion: 62 Resp: 50820

Ion Ratio Lower Upper

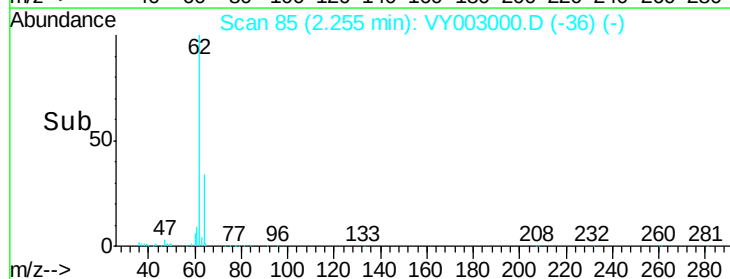
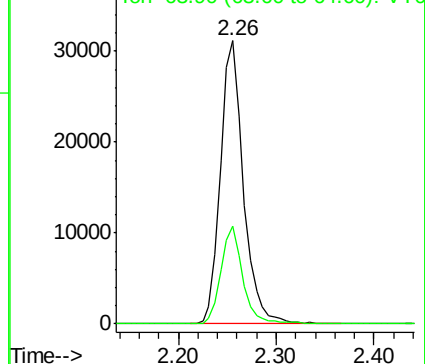
62 100

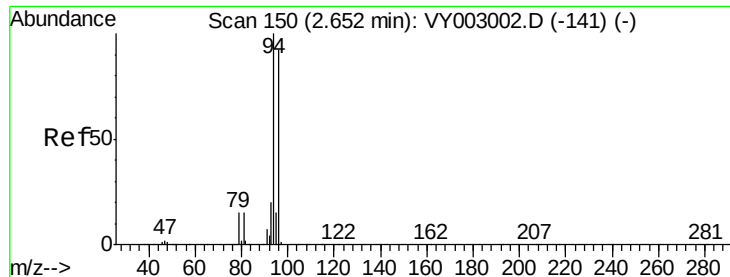
64 34.4 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 10.095 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

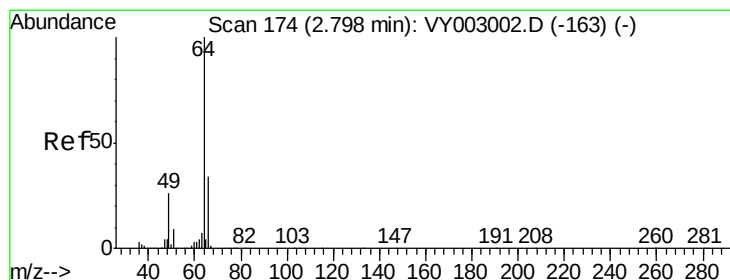
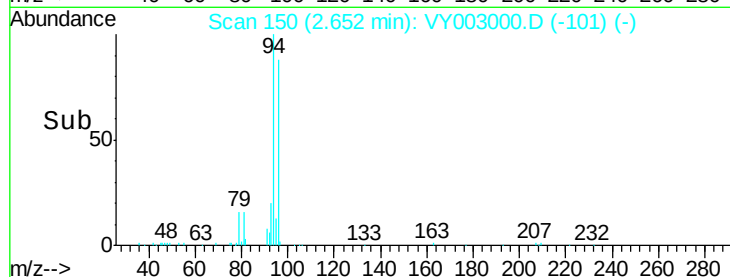
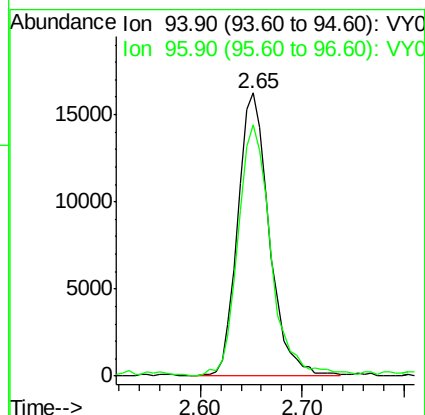
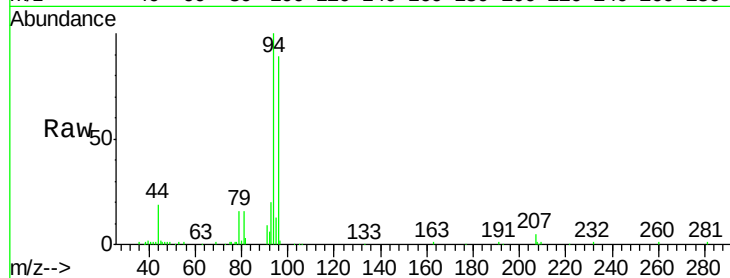
VSTDIC010

Tgt Ion: 94 Resp: 34789

Ion Ratio Lower Upper

94 100

96 88.9 73.4 110.2



#6

Chloroethane

Concen: 10.098 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003000.D

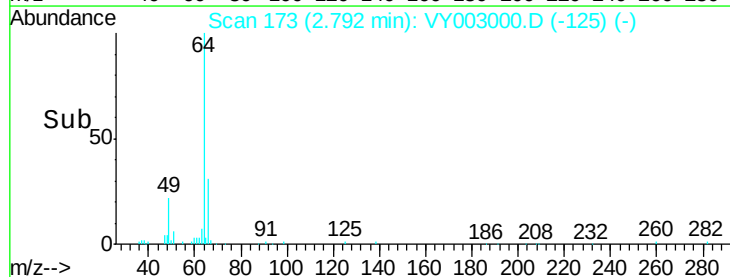
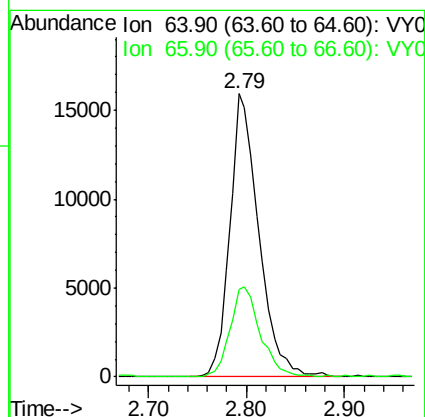
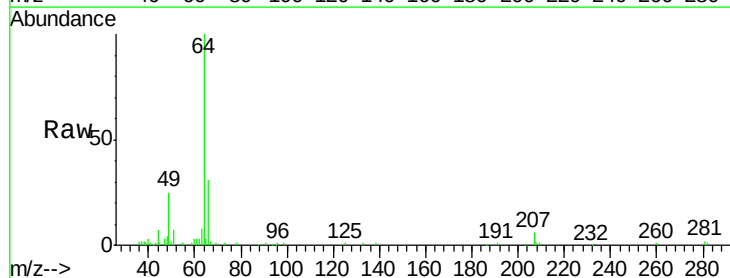
Acq: 29 Jun 2020 11:31

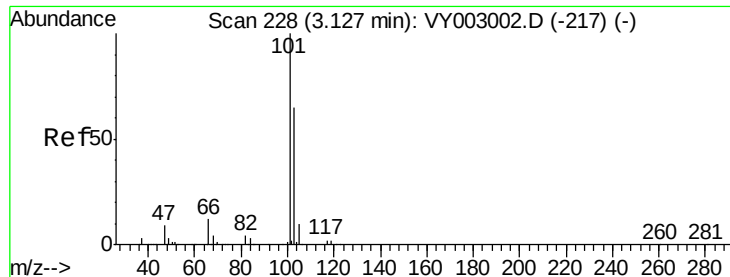
Tgt Ion: 64 Resp: 32605

Ion Ratio Lower Upper

64 100

66 30.9 27.0 40.4



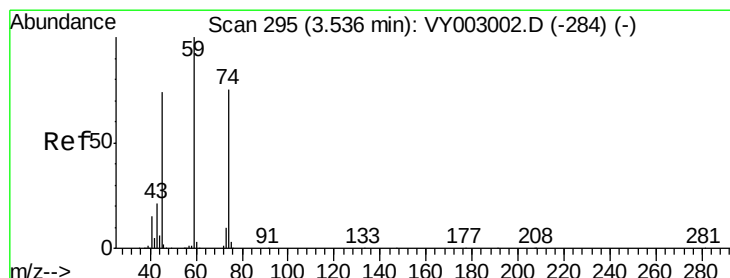
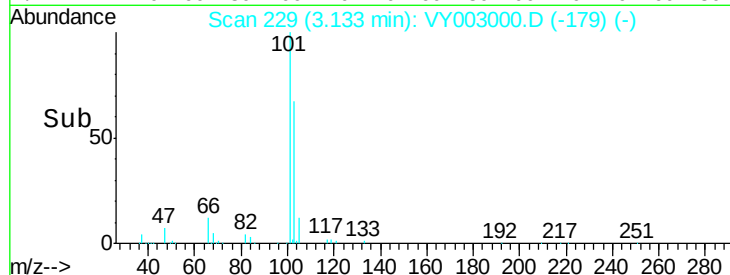
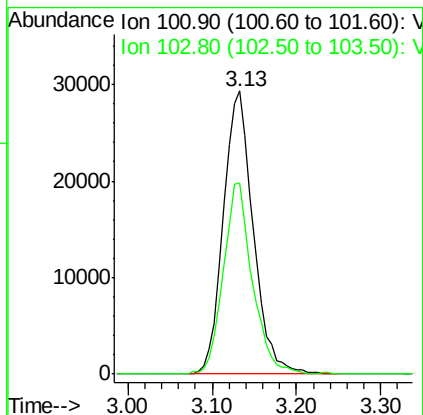
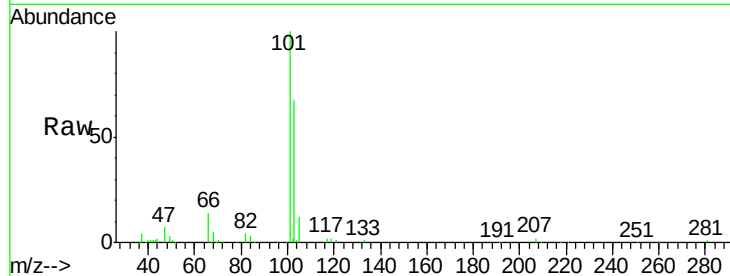


#7

Trichlorofluoromethane
 Concen: 9.922 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
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 ClientSampleId :
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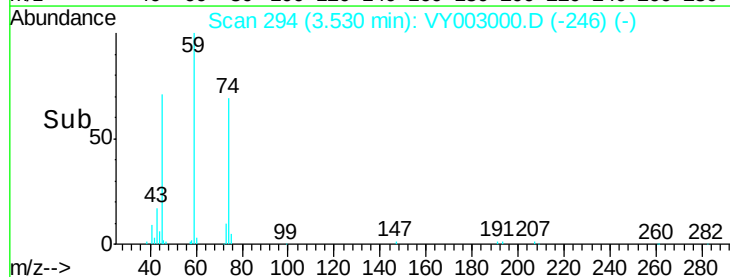
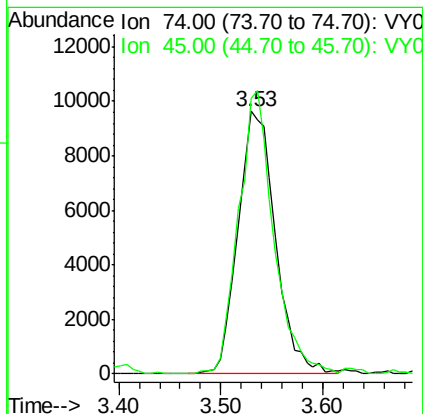
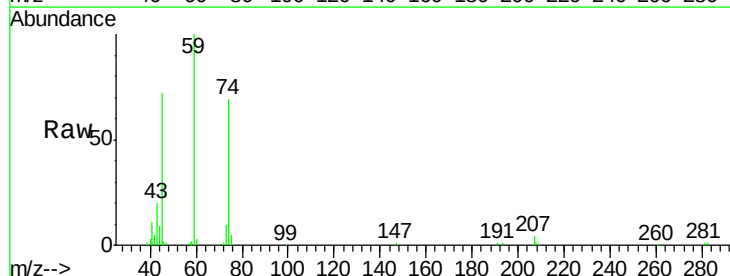
Tgt Ion:101 Resp: 71079
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.6 77.4

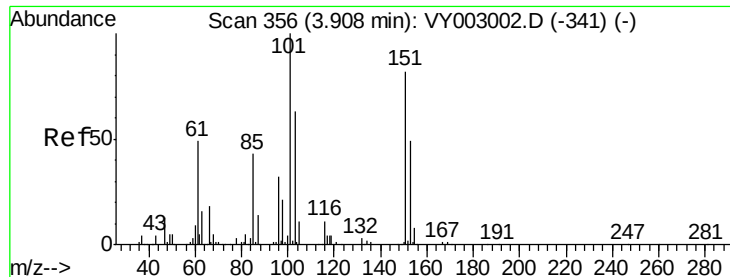


#8

Diethyl Ether
 Concen: 10.023 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion: 74 Resp: 24616
 Ion Ratio Lower Upper
 74 100
 45 101.1 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.079 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

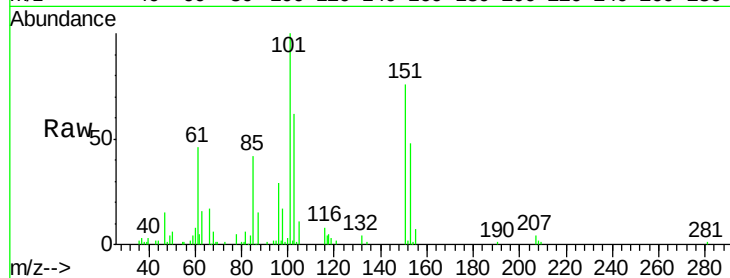
Tgt Ion:101 Resp: 43112

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

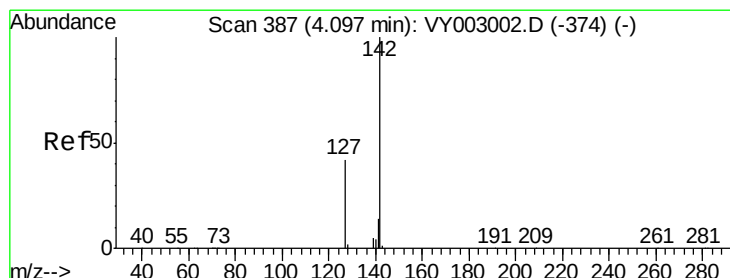
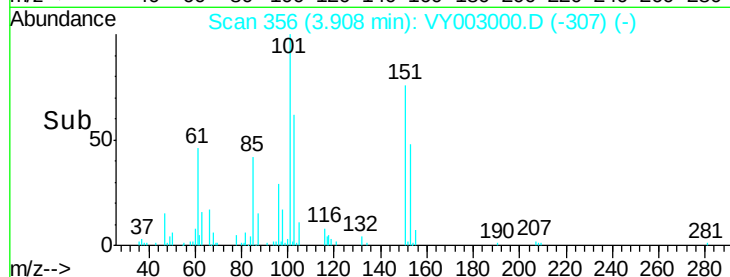
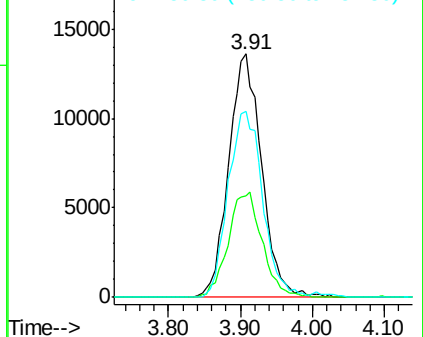
151 80.3 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.615 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

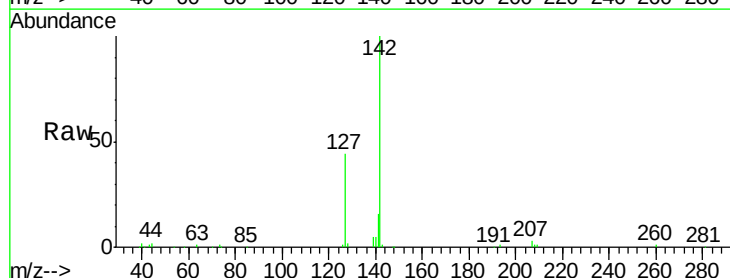
Tgt Ion:142 Resp: 50998

Ion Ratio Lower Upper

142 100

127 43.4 34.2 51.2

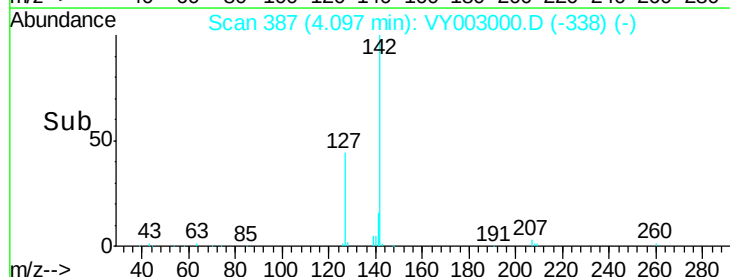
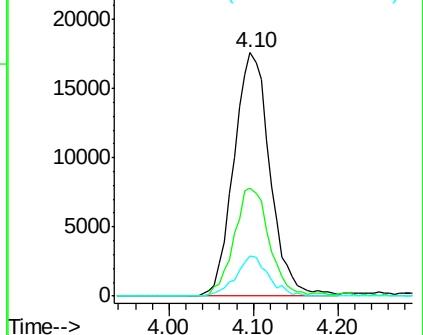
141 14.7 11.7 17.5

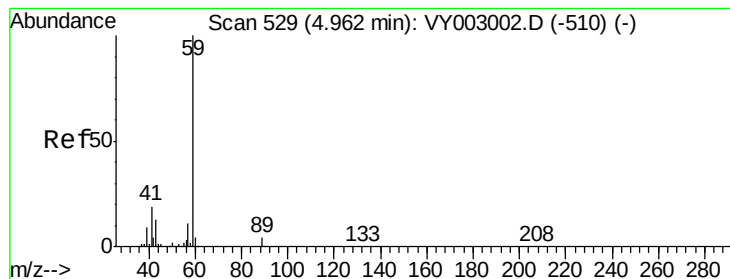


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 51.684 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

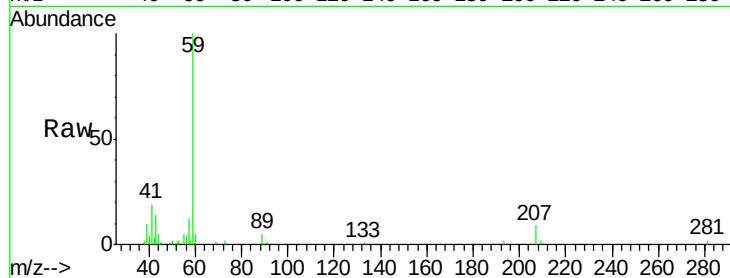
VSTDIC010

Tgt Ion: 59 Resp: 24545

Ion Ratio Lower Upper

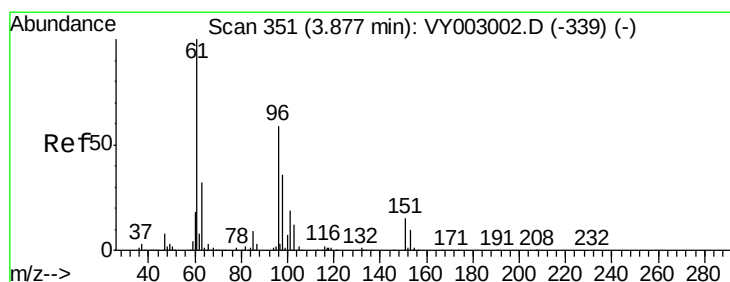
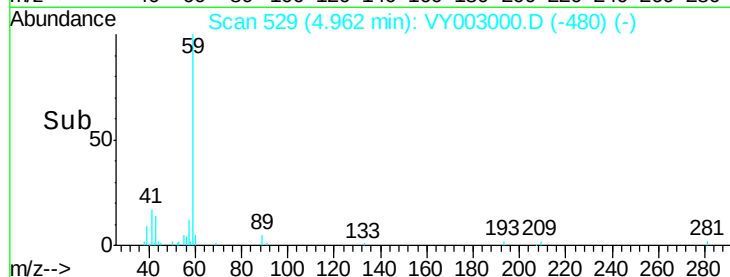
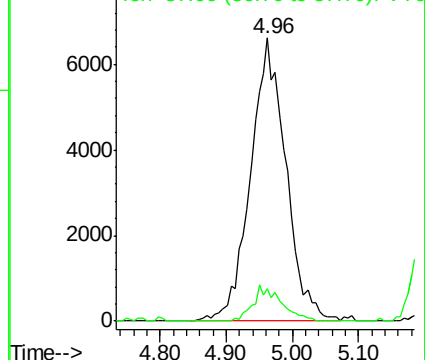
59 100

57 10.0 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 10.114 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

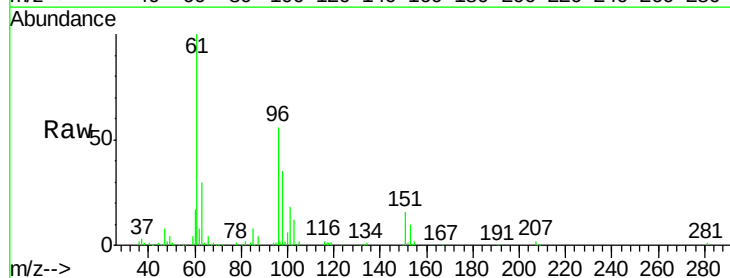
Tgt Ion: 96 Resp: 41164

Ion Ratio Lower Upper

96 100

61 178.8 136.7 205.1

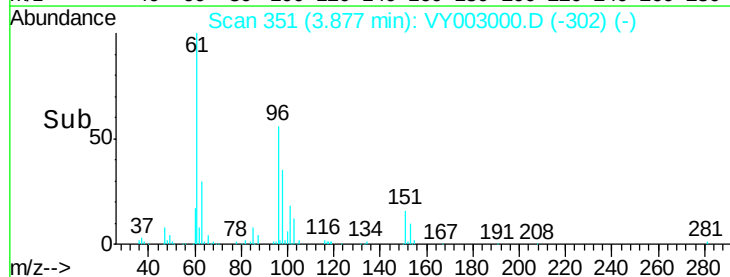
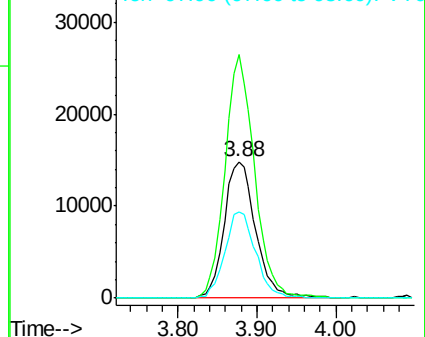
98 63.4 49.7 74.5

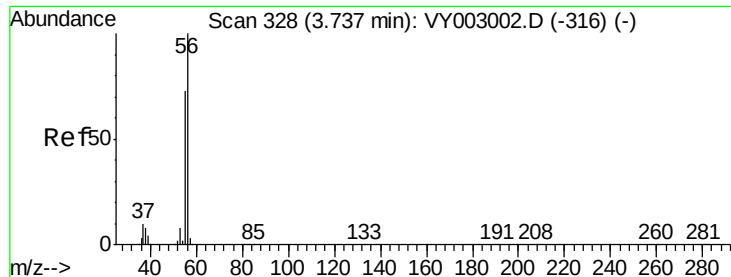


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

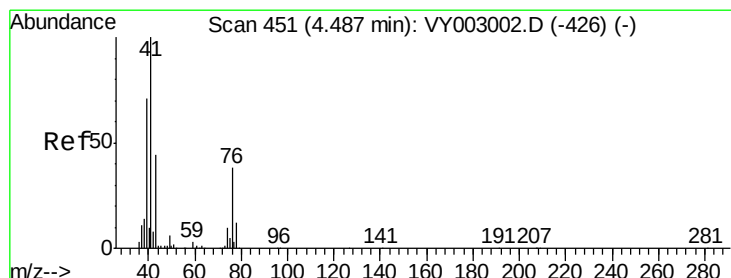
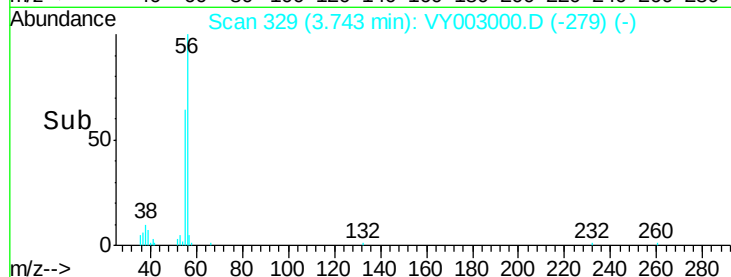
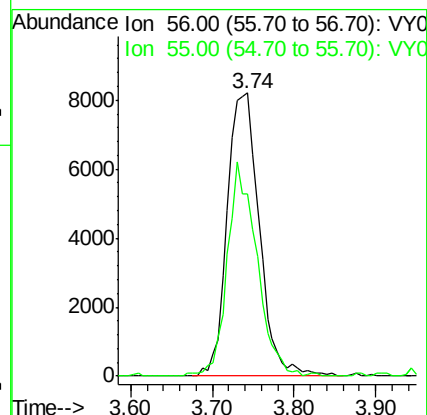
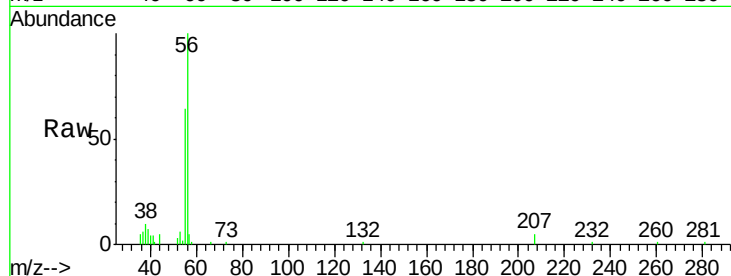




#13
 Acrolein
 Concen: 52.479 ug/l
 RT: 3.74 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

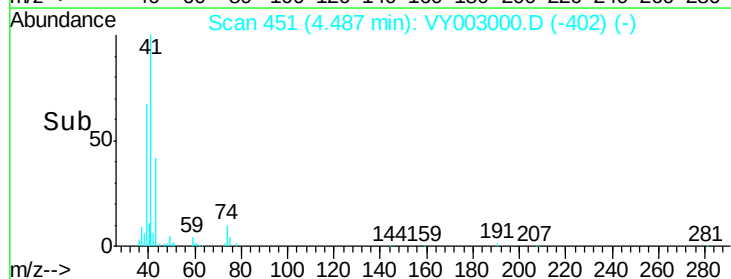
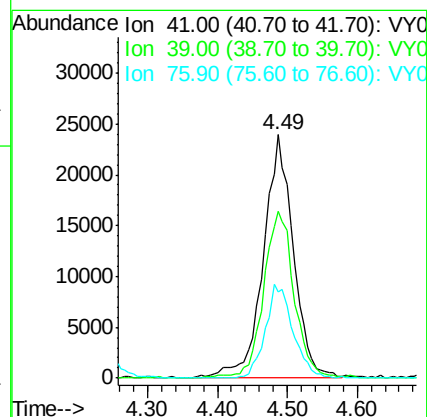
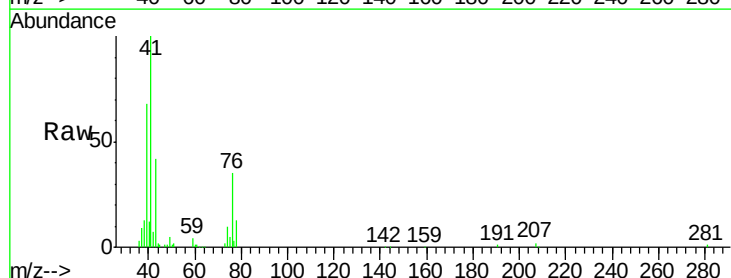
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

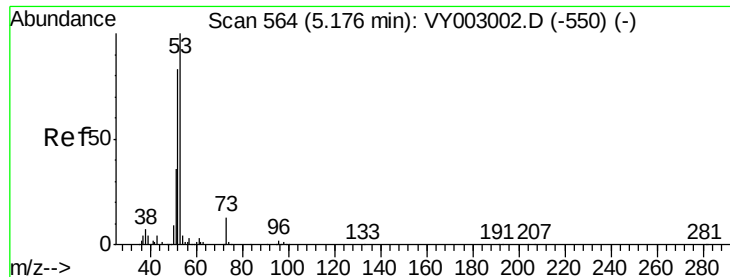
Tgt Ion: 56 Resp: 22384
 Ion Ratio Lower Upper
 56 100
 55 69.5 56.4 84.6



#14
 Allyl chloride
 Concen: 10.094 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion: 41 Resp: 71728
 Ion Ratio Lower Upper
 41 100
 39 69.7 55.6 83.4
 76 35.2 28.6 43.0





#15

Acrylonitrile

Concen: 49.915 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

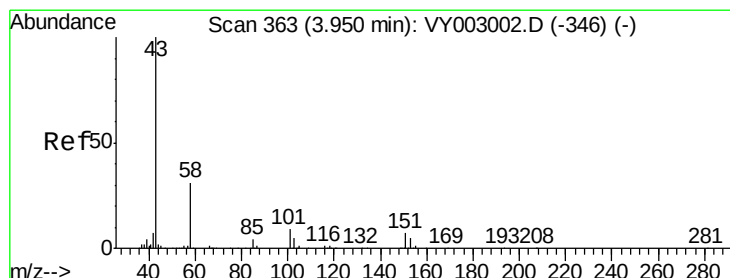
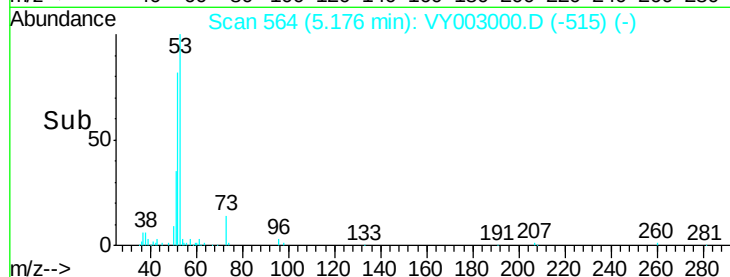
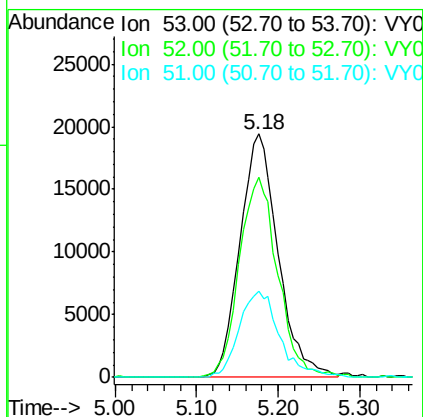
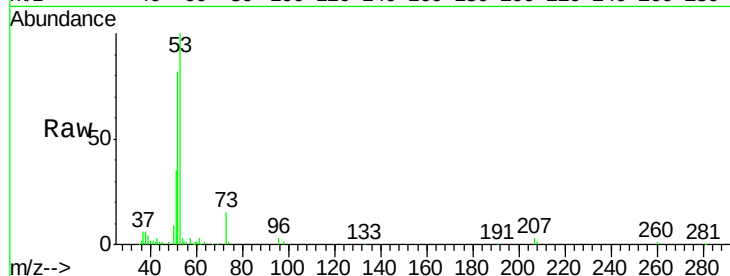
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:	53	Resp:	63177
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	37.7	29.5	44.3



#16

Acetone

Concen: 48.945 ug/l

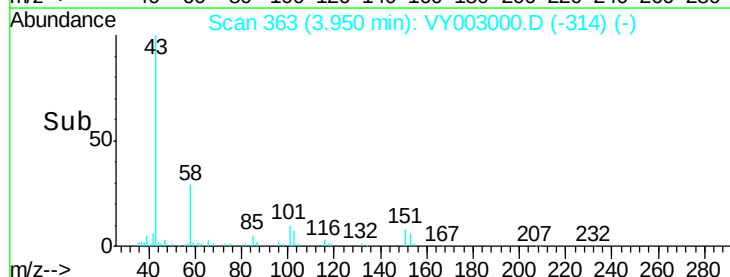
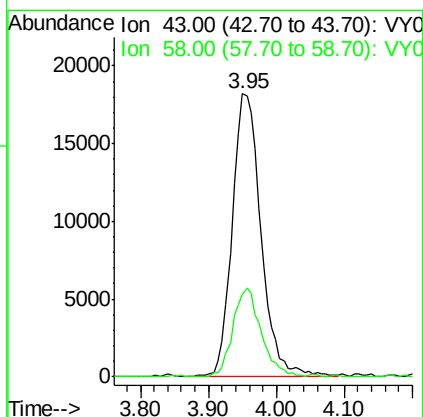
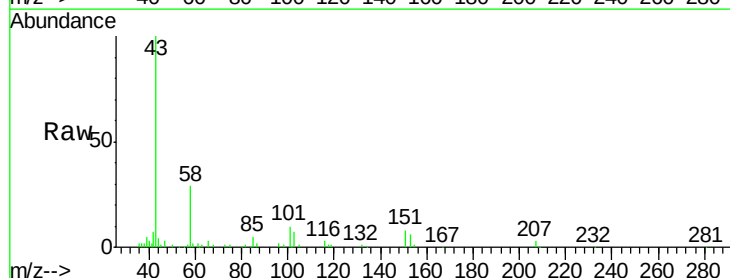
RT: 3.95 min Scan# 363

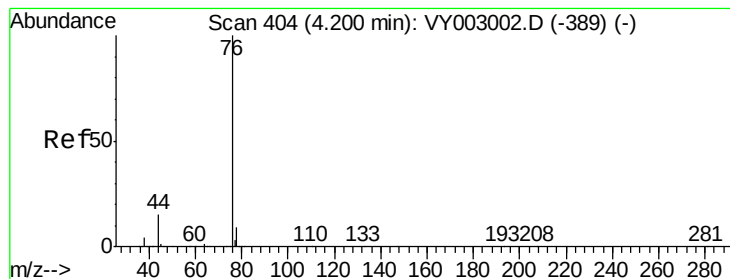
Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tgt Ion:	43	Resp:	53792
Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.7	37.1





#17

Carbon Disulfide

Concen: 10.133 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampled :

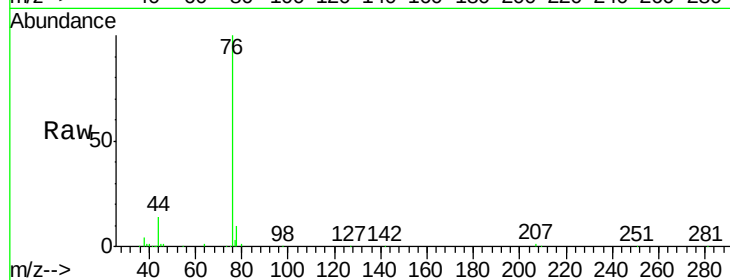
VSTDIC010

Tgt Ion: 76 Resp: 131760

Ion Ratio Lower Upper

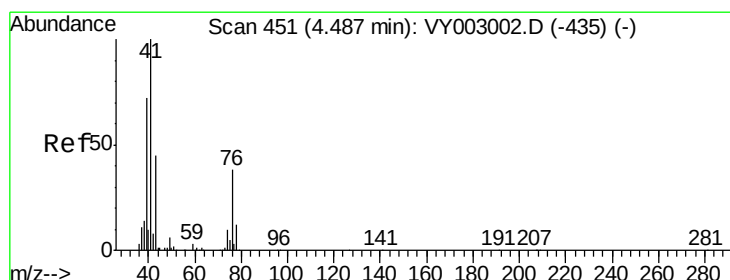
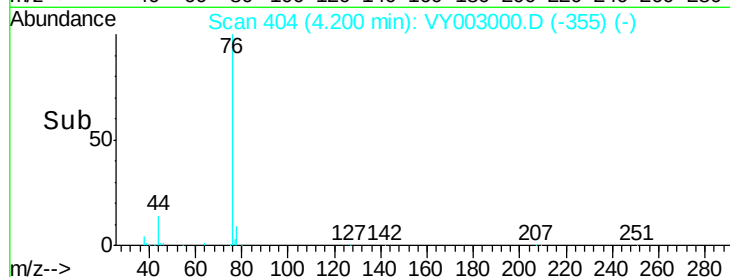
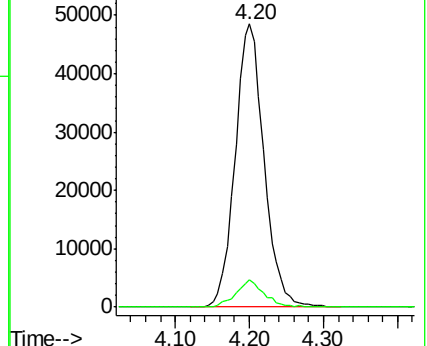
76 100

78 9.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 9.814 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003000.D

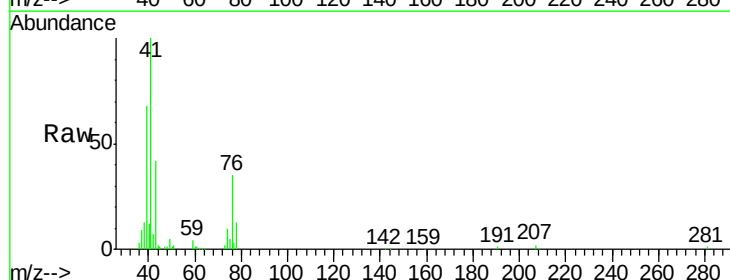
Acq: 29 Jun 2020 11:31

Tgt Ion: 43 Resp: 29059

Ion Ratio Lower Upper

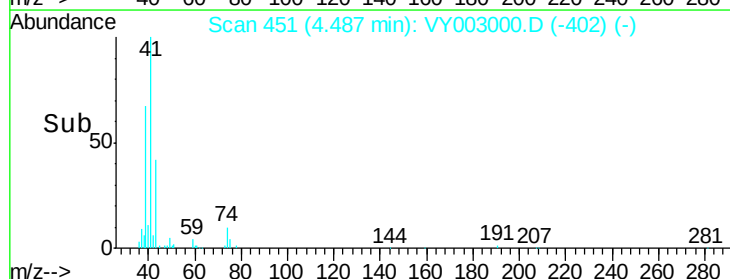
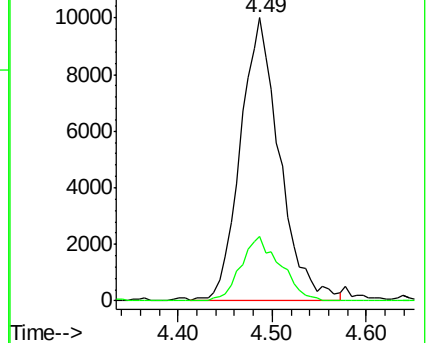
43 100

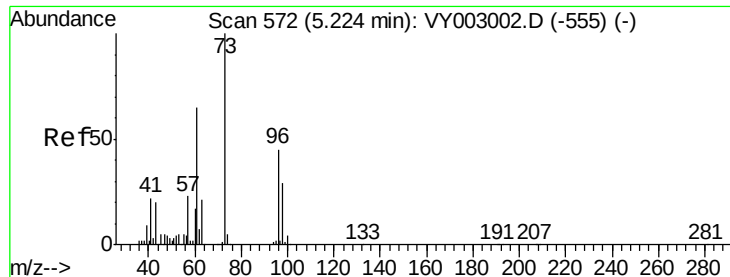
74 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

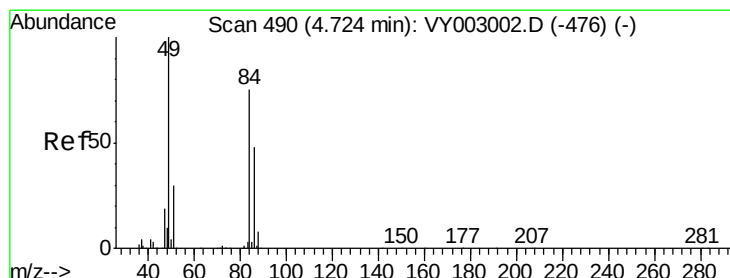
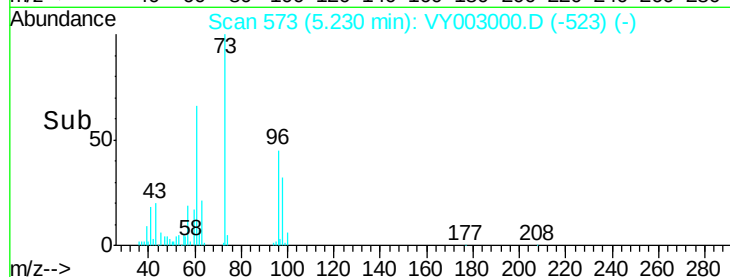
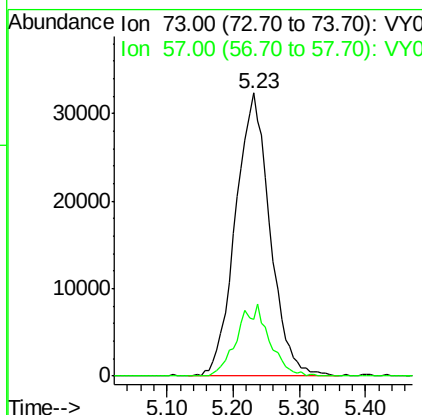
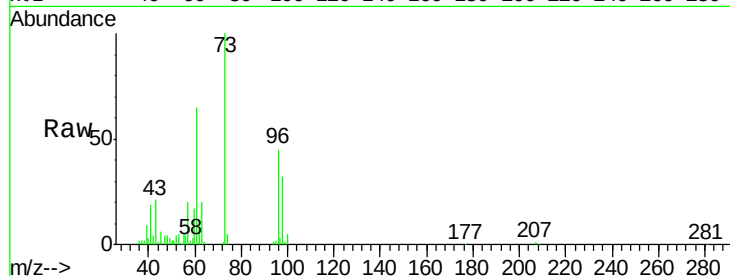




#19
Methyl tert-butyl Ether
Concen: 9.913 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

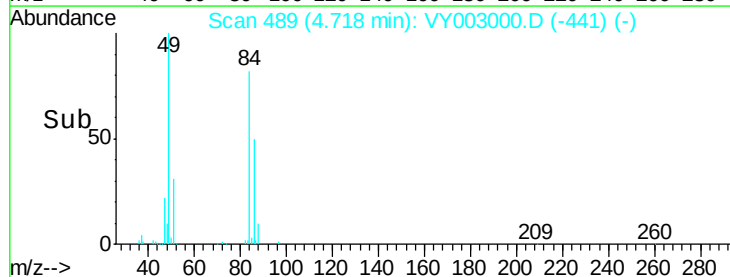
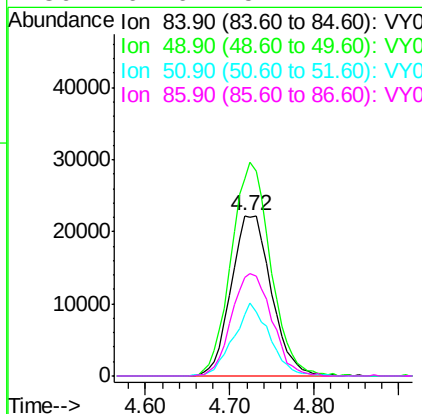
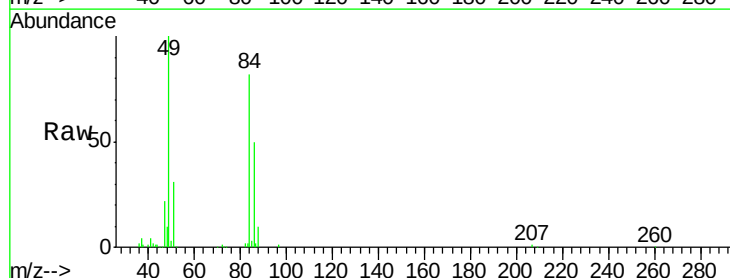
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

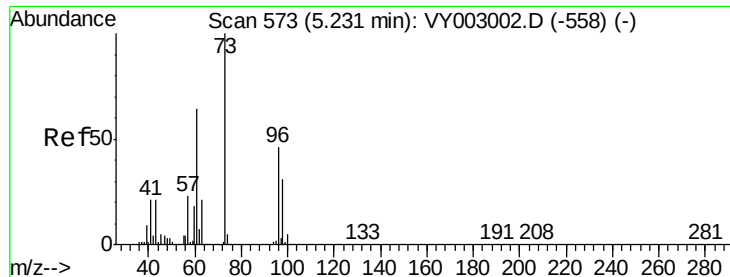
Tgt Ion: 73 Resp: 117601
Ion Ratio Lower Upper
73 100
57 20.0 18.2 27.2



#20
Methylene Chloride
Concen: 11.766 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 84 Resp: 72173
Ion Ratio Lower Upper
84 100
49 122.4 106.8 160.2
51 38.3 32.0 48.0
86 61.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 10.542 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

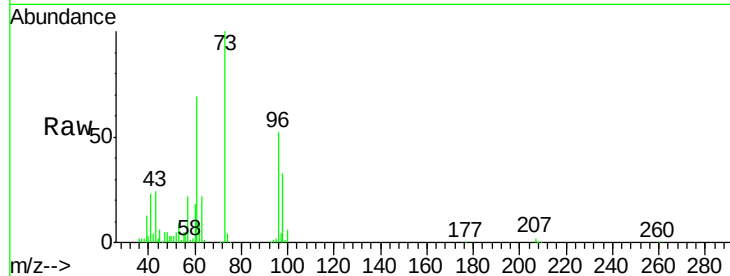
Tgt Ion: 96 Resp: 48529

Ion Ratio Lower Upper

96 100

61 131.3 112.3 168.5

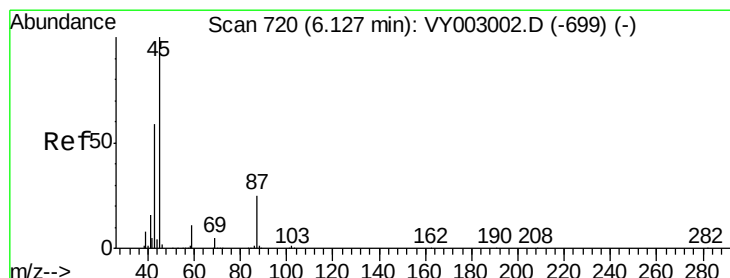
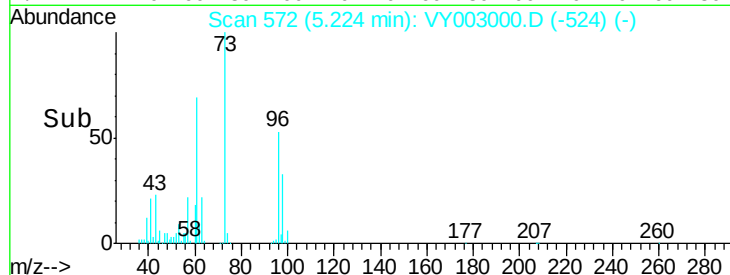
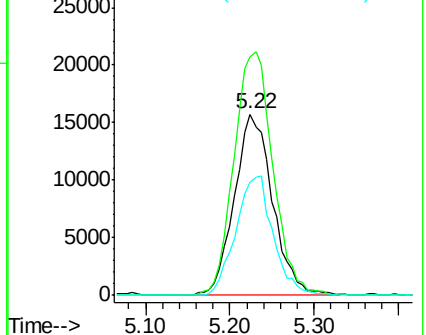
98 62.7 53.8 80.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 10.011 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tgt Ion: 45 Resp: 152468

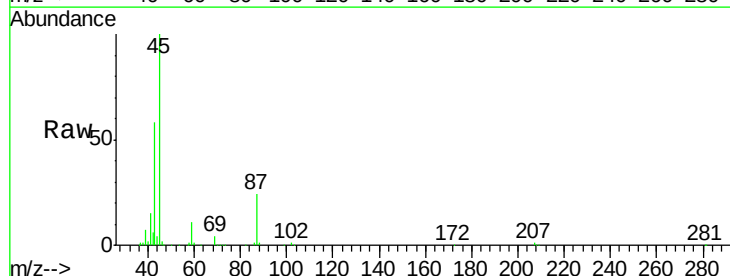
Ion Ratio Lower Upper

45 100

43 57.5 47.4 71.2

87 24.3 20.2 30.2

59 10.9 9.2 13.8

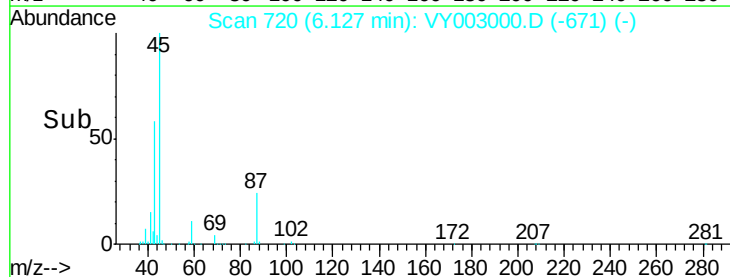
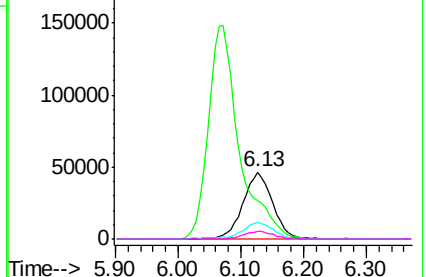


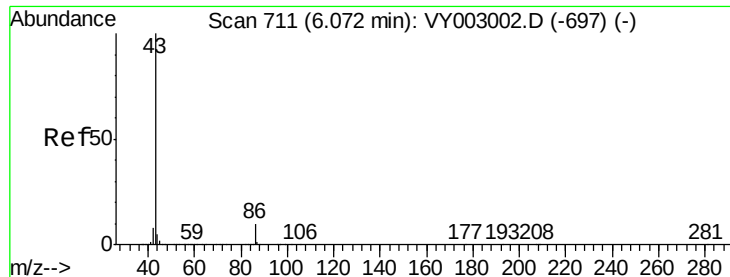
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 49.689 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

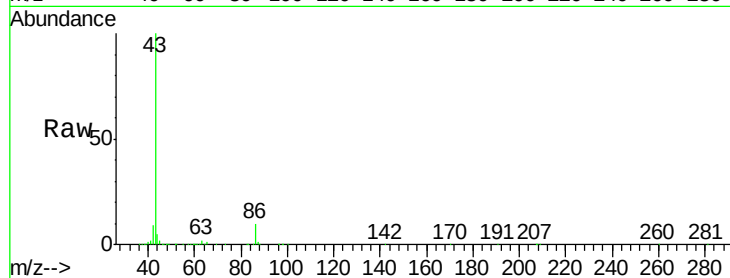
VSTDIC010

Tgt Ion: 43 Resp: 505941

Ion Ratio Lower Upper

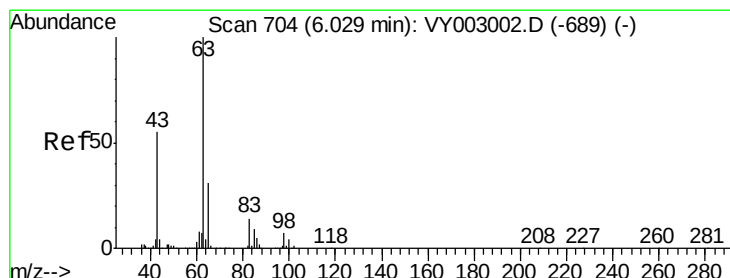
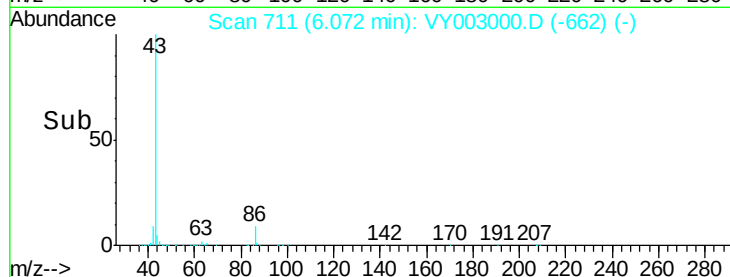
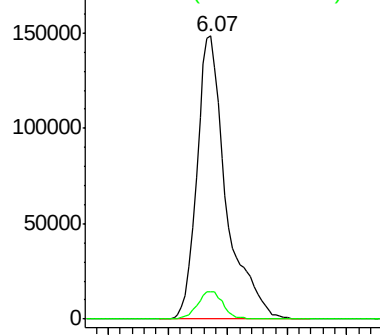
43 100

86 9.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 10.126 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

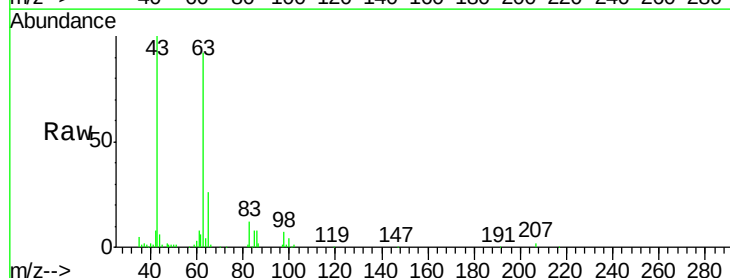
Tgt Ion: 63 Resp: 84243

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

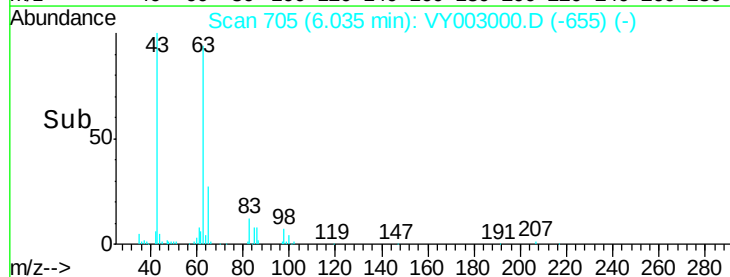
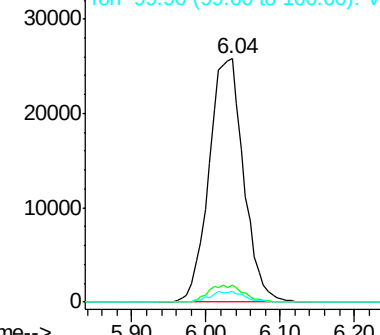
100 4.6 2.3 6.8

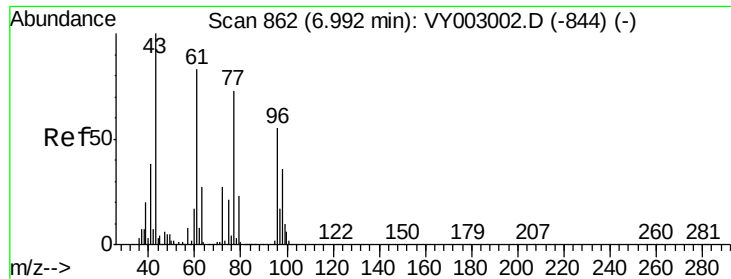


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

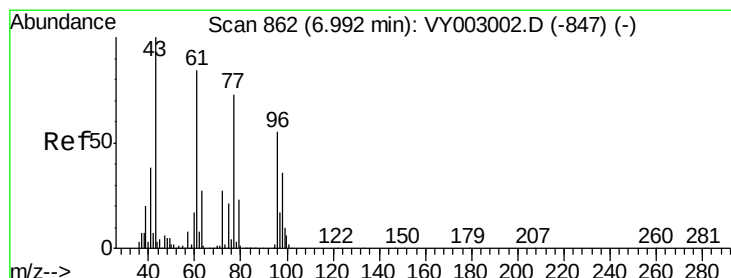
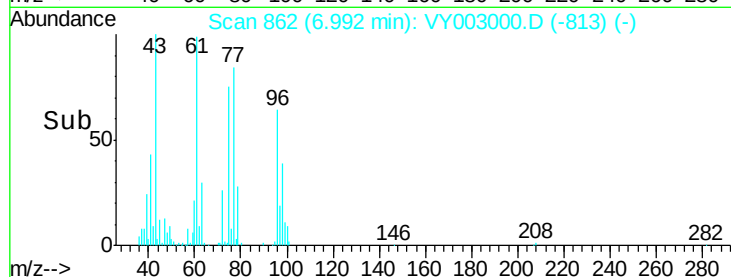
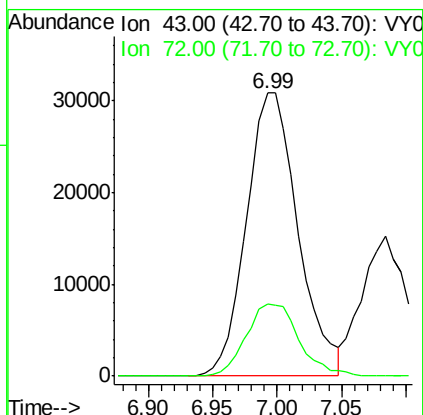
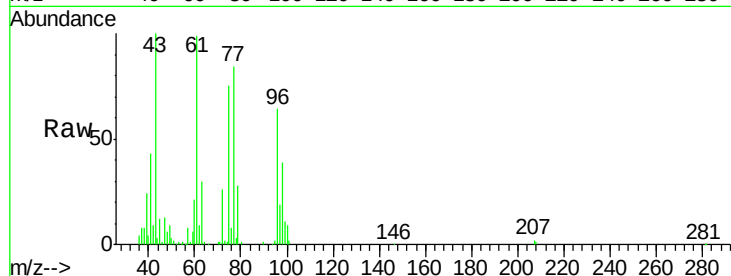




#25
2-Butanone
Concen: 49.146 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

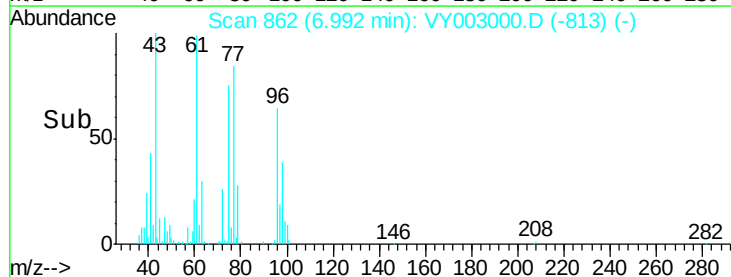
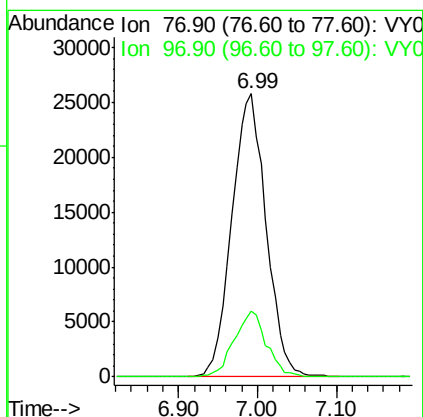
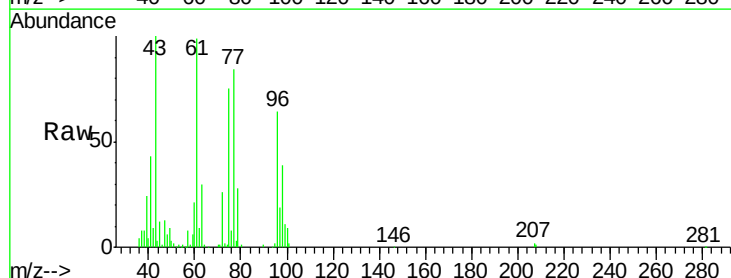
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

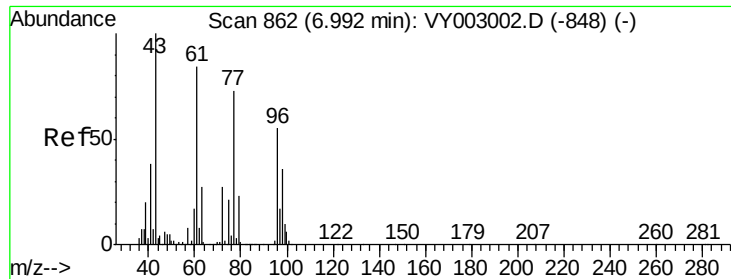
Tgt Ion: 43 Resp: 85800
Ion Ratio Lower Upper
43 100
72 25.6 21.4 32.0



#26
2,2-Dichloropropane
Concen: 10.301 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 77 Resp: 77863
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.9



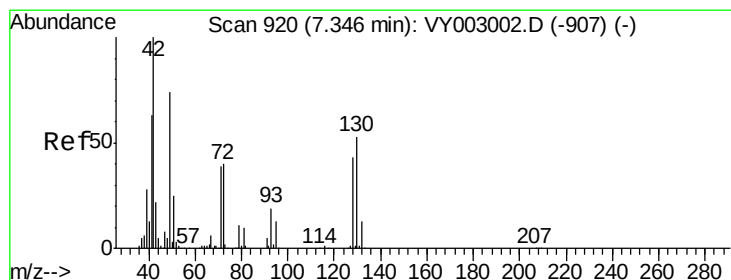
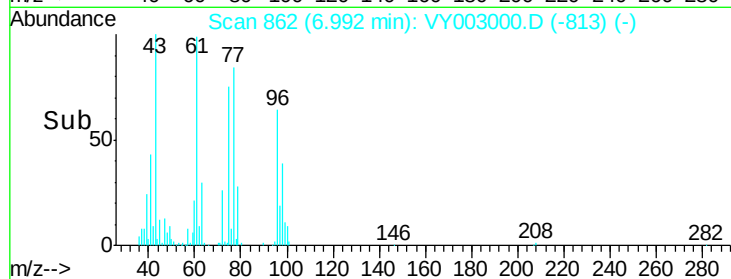
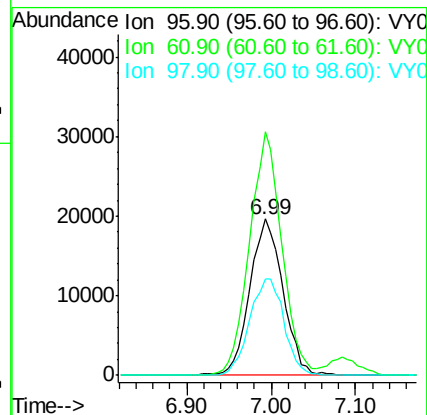
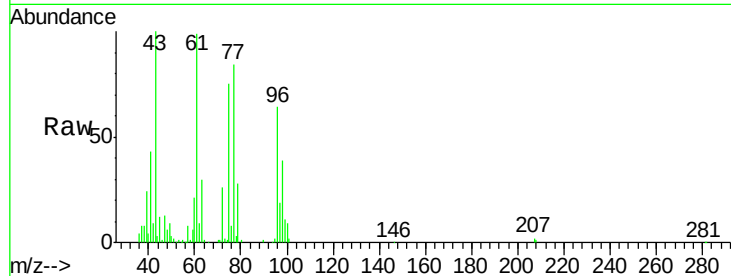


#27

cis-1,2-Dichloroethene
Concen: 10.154 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

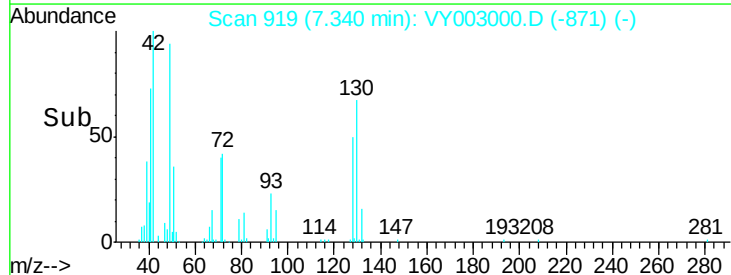
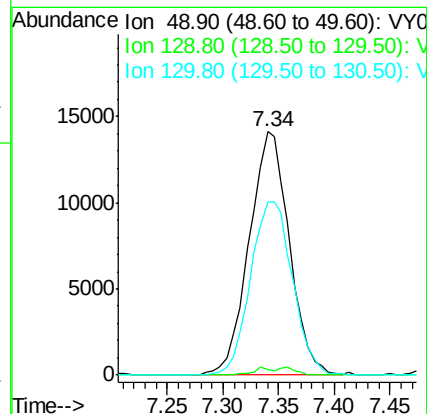
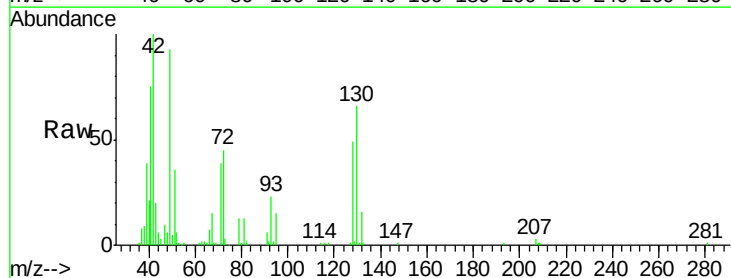
Tgt Ion	Resp	Lower	Upper
96	52430		
96	100		
61	151.8	0.0	301.2
98	63.7	0.0	129.0

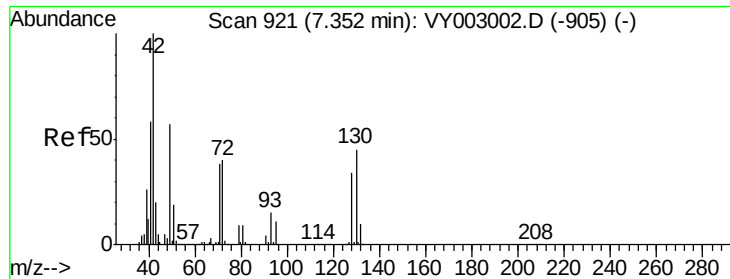


#28

Bromochloromethane
Concen: 9.567 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Resp	Lower	Upper
49	35413		
49	100		
129	1.4	0.0	4.4
130	74.5	57.0	85.6

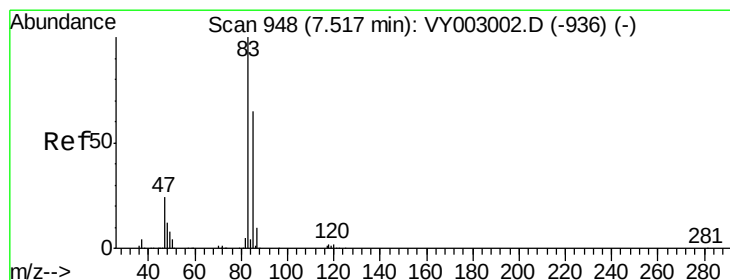
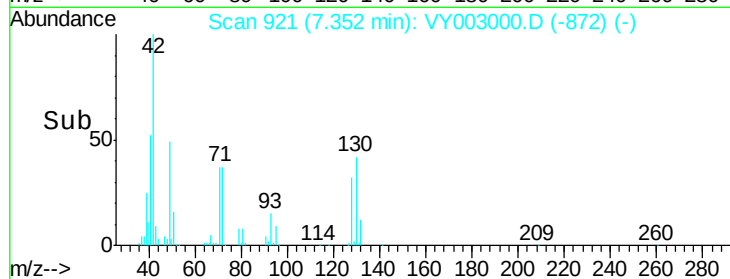
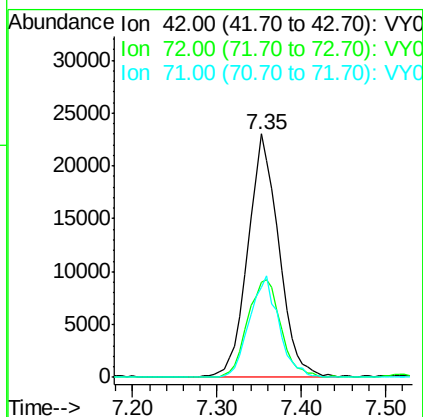
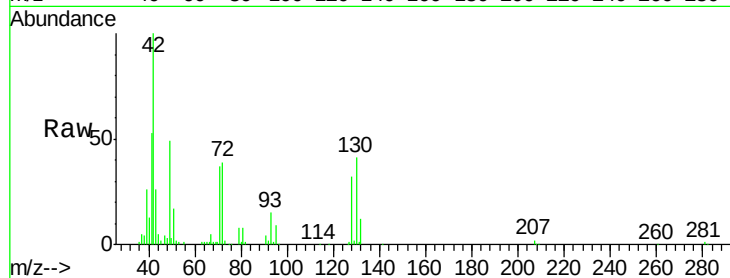




#29
Tetrahydrofuran
Concen: 49.850 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

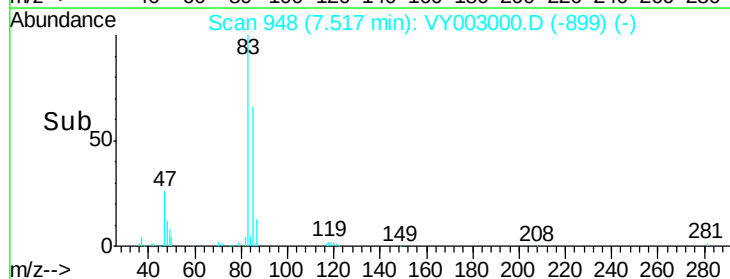
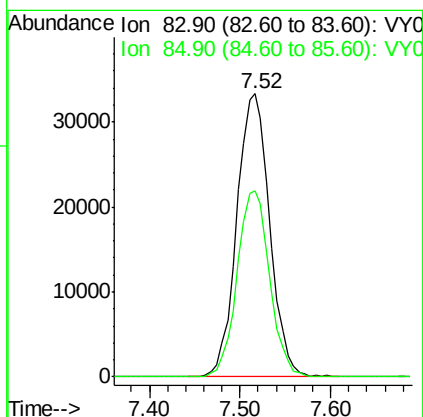
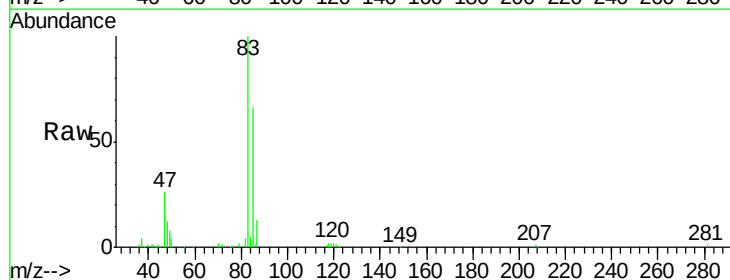
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

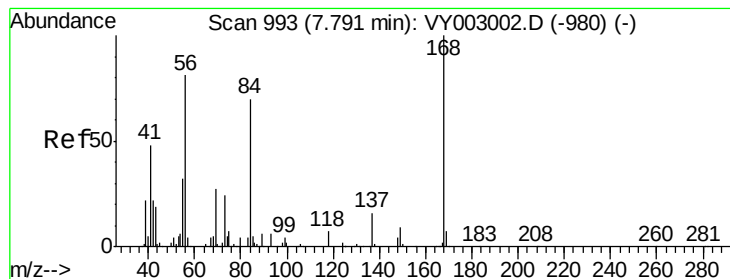
Tgt Ion: 42 Resp: 57875
Ion Ratio Lower Upper
42 100
72 43.0 32.9 49.3
71 39.3 31.2 46.8



#30
Chloroform
Concen: 10.184 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 83 Resp: 83936
Ion Ratio Lower Upper
83 100
85 65.8 51.7 77.5





#31

Cyclohexane

Concen: 10.434 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

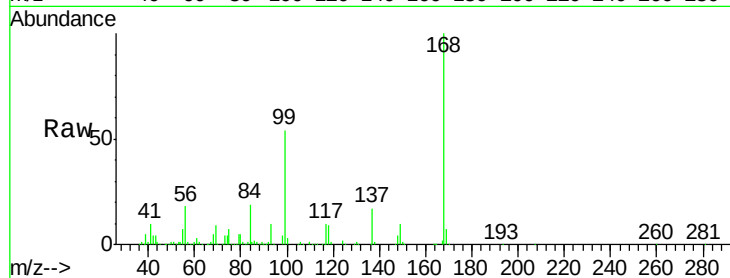
Tgt Ion: 56 Resp: 85517

Ion Ratio Lower Upper

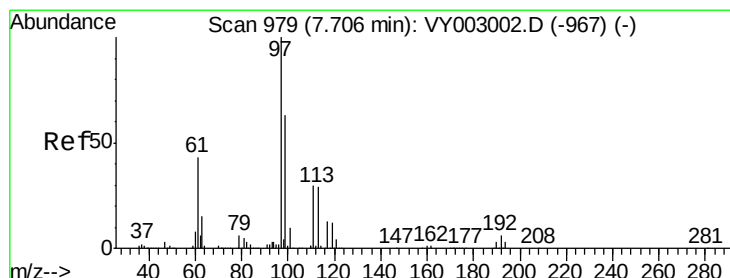
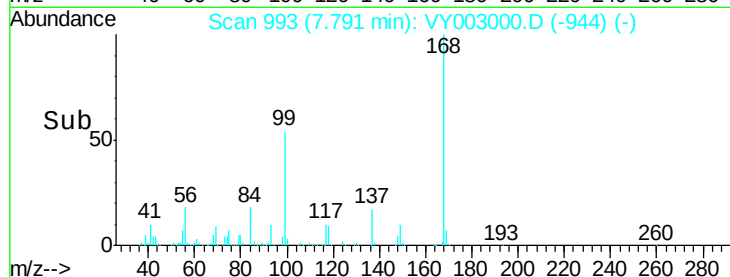
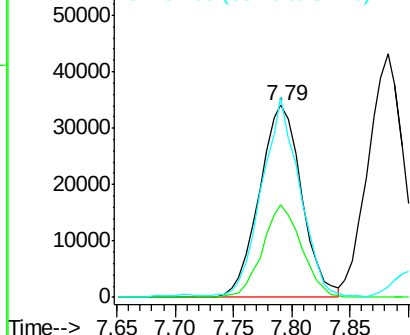
56 100

69 47.7 27.0 40.4#

84 102.3 68.1 102.1#



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



#32

1,1,1-Trichloroethane

Concen: 10.185 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

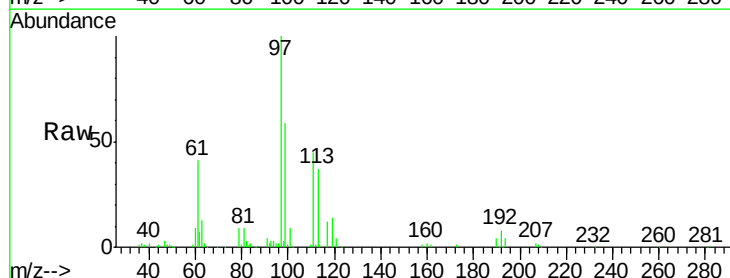
Tgt Ion: 97 Resp: 76624

Ion Ratio Lower Upper

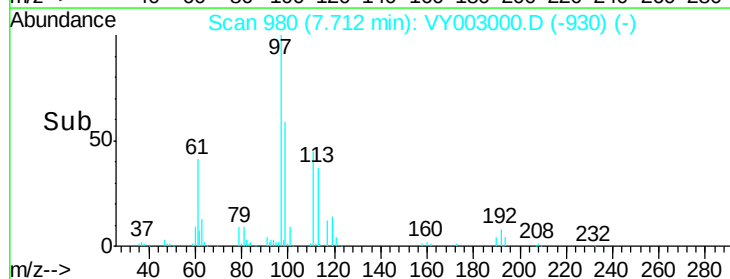
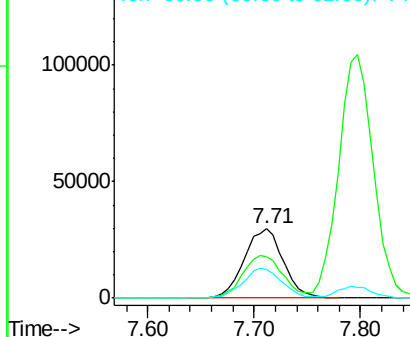
97 100

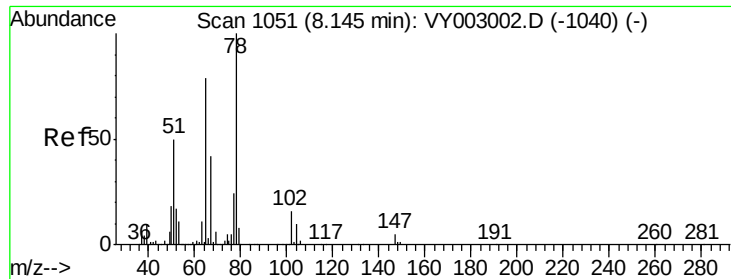
99 63.2 51.4 77.2

61 43.2 33.9 50.9



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

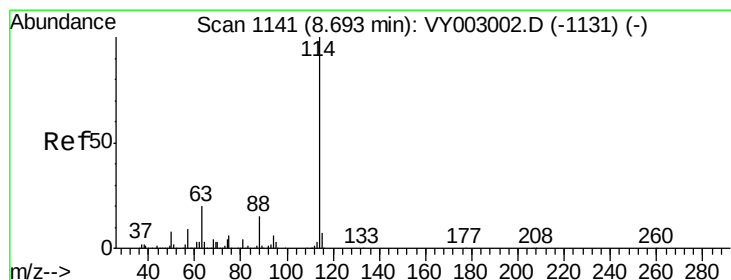
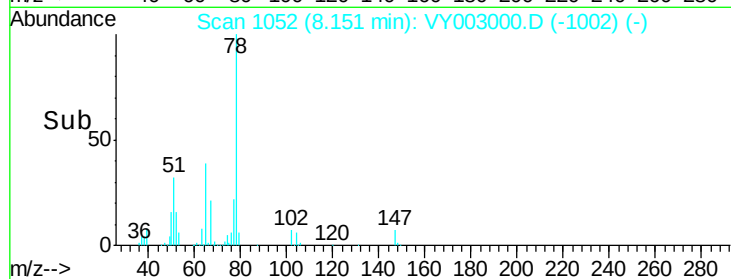
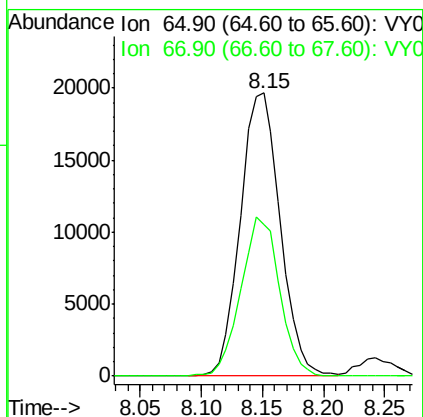
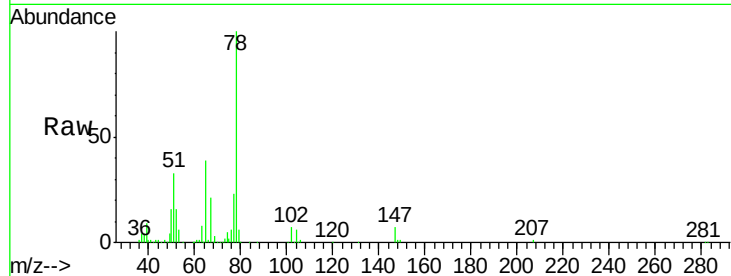




#33
 1,2-Dichloroethane-d4
 Concen: 9.568 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

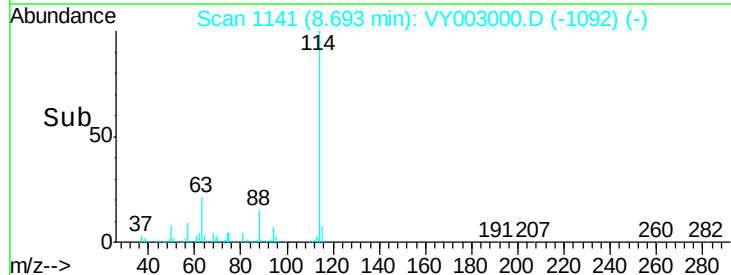
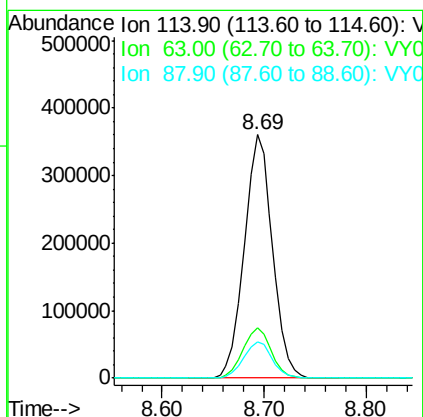
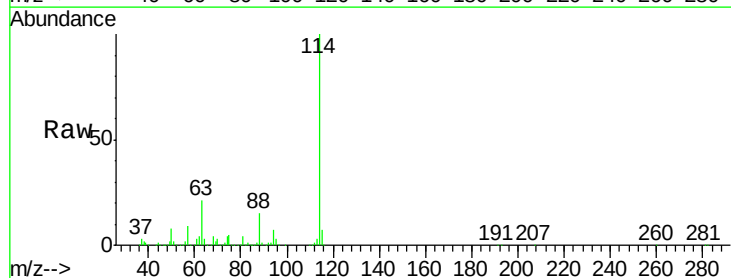
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

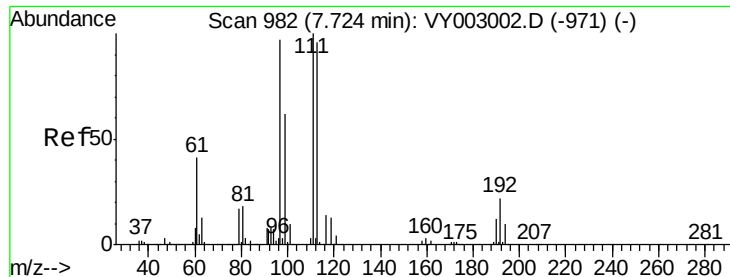
Tgt Ion: 65 Resp: 44588
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion: 114 Resp: 691468
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.6
 88 15.0 0.0 30.0

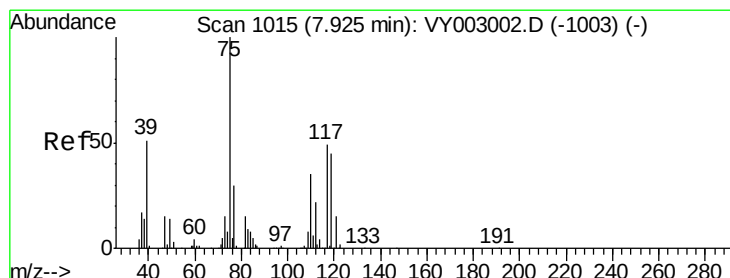
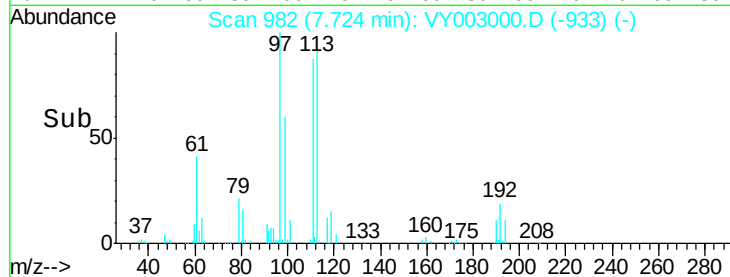
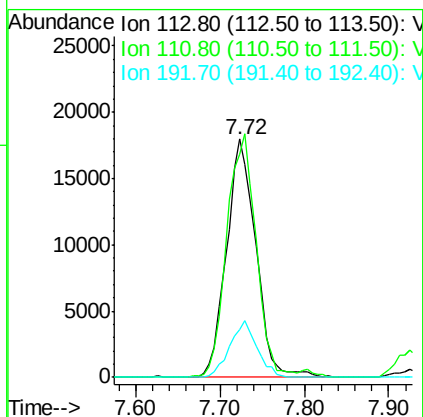
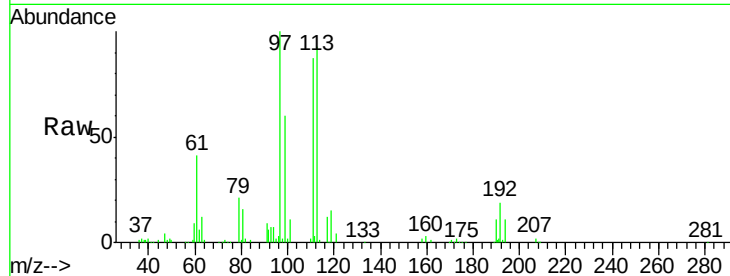




#35
 Dibromofluoromethane
 Concen: 9.875 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

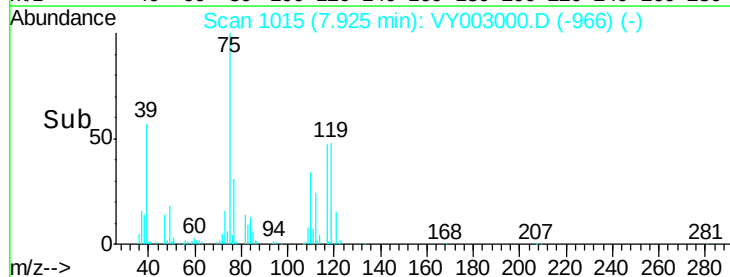
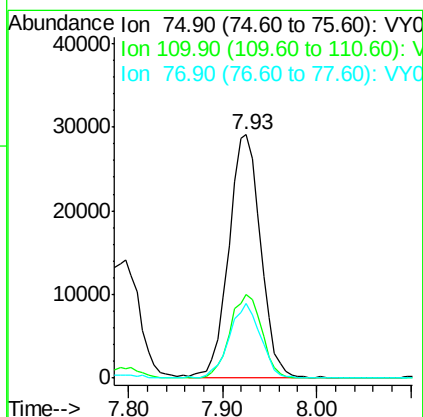
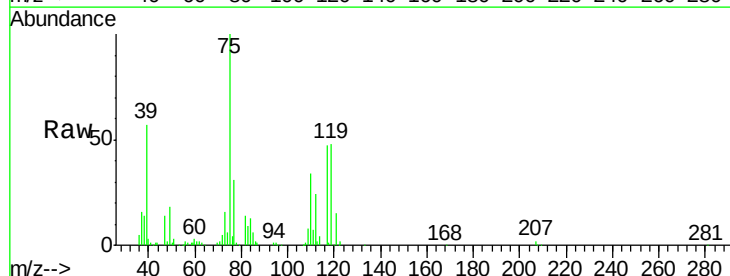
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

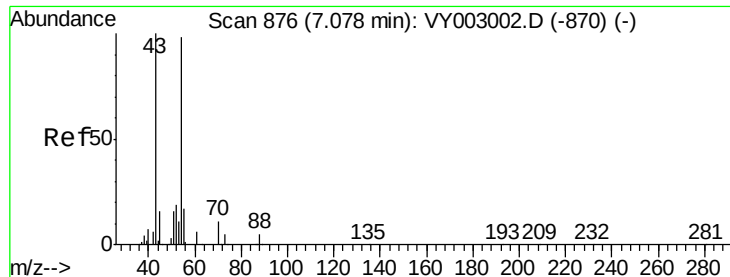
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.1	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 10.295 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.1	51.2
77	30.4	24.9	37.3

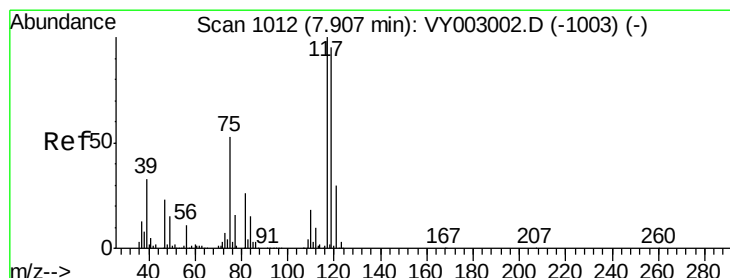
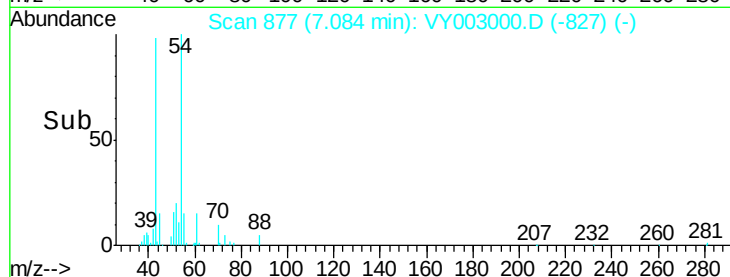
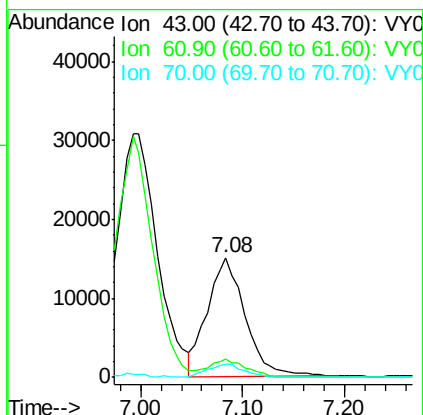
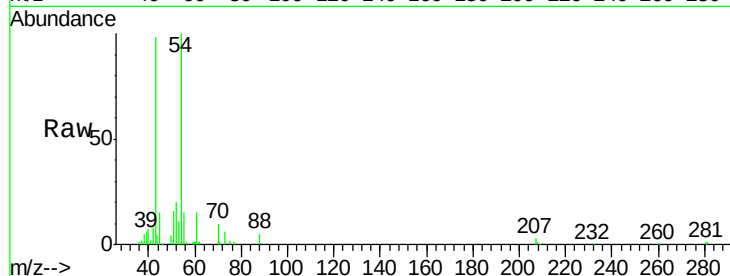




#37
Ethyl Acetate
Concen: 9.748 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

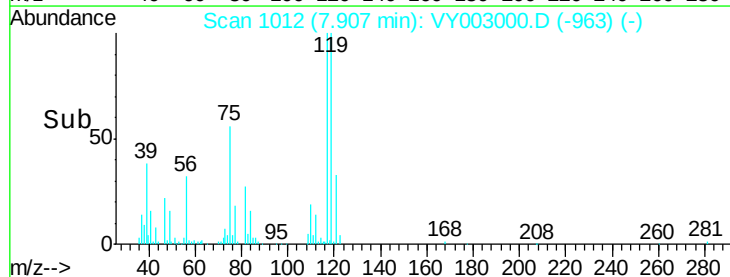
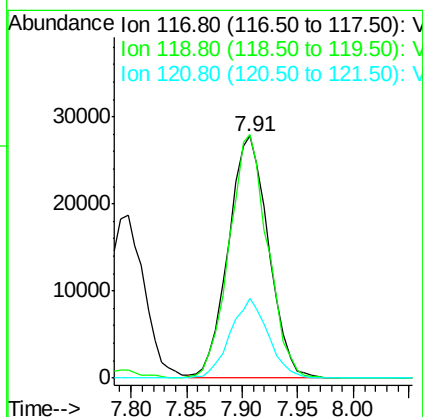
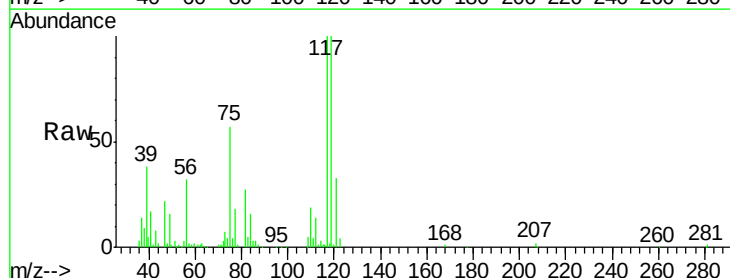
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

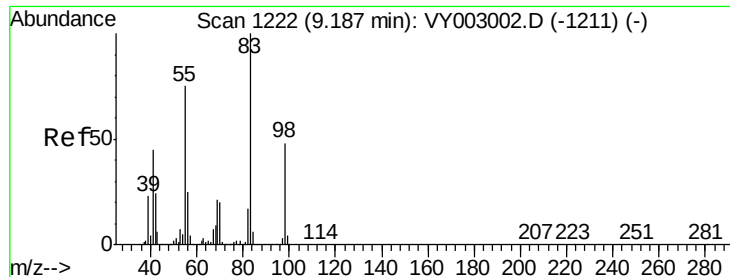
Tgt Ion: 43 Resp: 39036
Ion Ratio Lower Upper
43 100
61 15.1 10.4 15.6
70 10.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 10.024 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 117 Resp: 69462
Ion Ratio Lower Upper
117 100
119 100.2 75.7 113.5
121 32.7 23.9 35.9

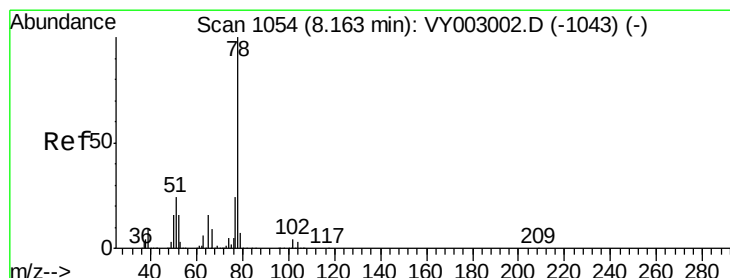
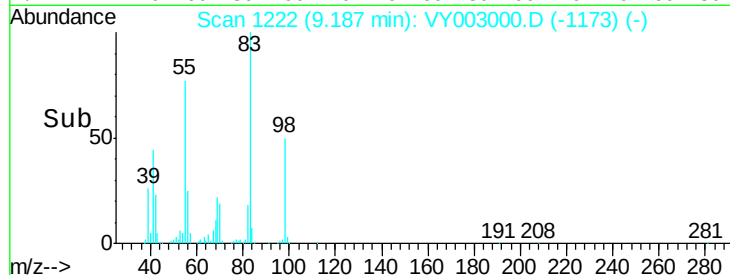
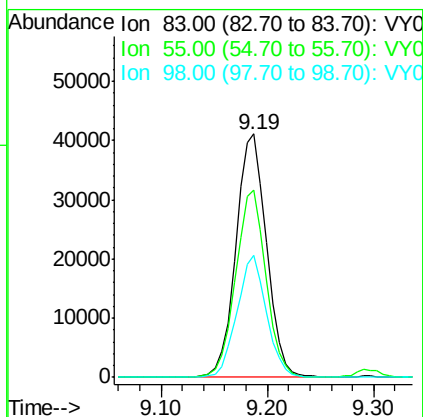
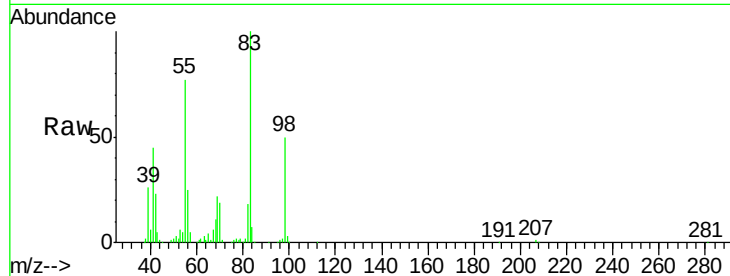




#39
Methylcyclohexane
Concen: 10.047 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

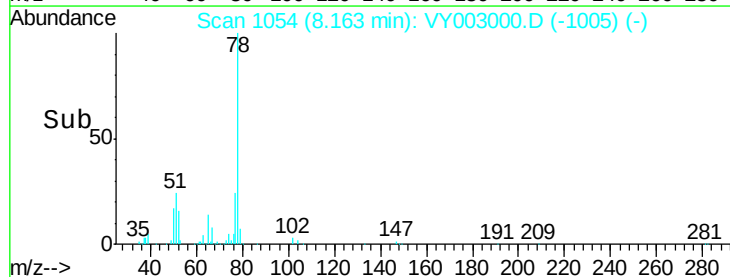
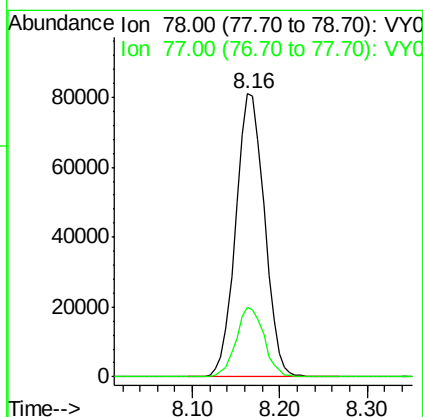
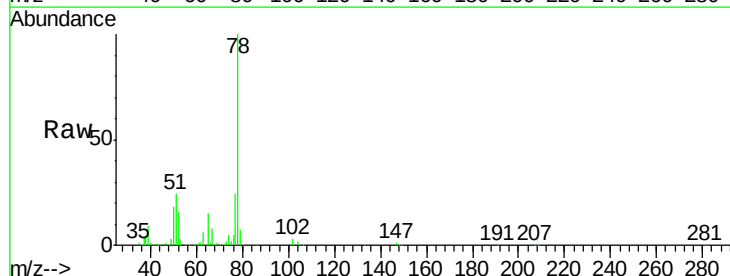
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

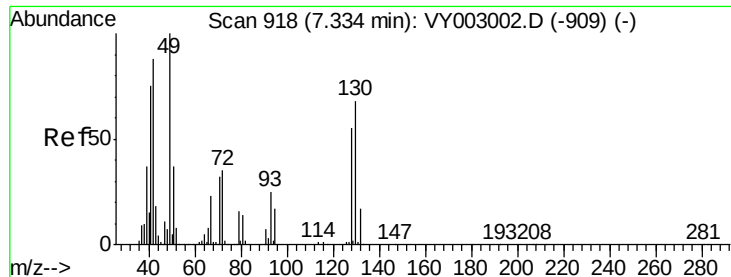
Tgt Ion: 83 Resp: 82967
Ion Ratio Lower Upper
83 100
55 77.1 59.9 89.9
98 50.0 38.7 58.1



#40
Benzene
Concen: 10.163 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 78 Resp: 185326
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

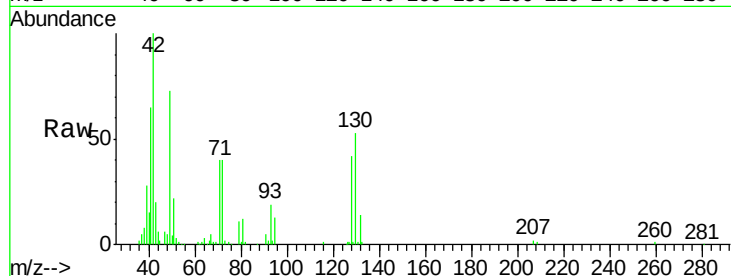




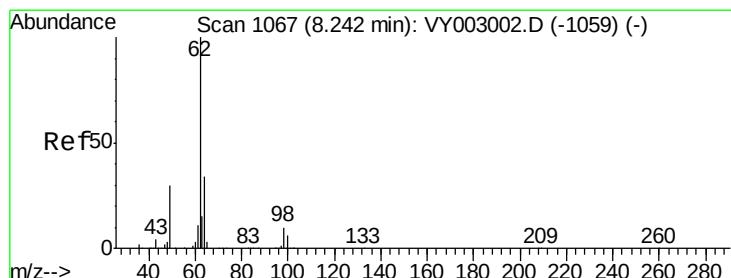
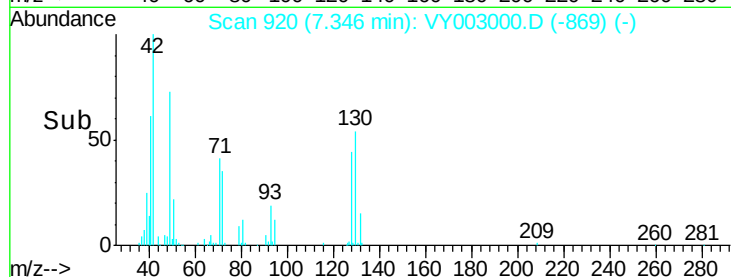
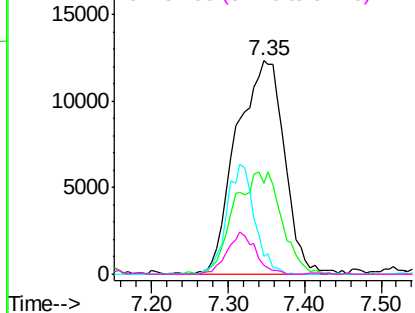
#41
Methacrylonitrile
Concen: 10.969 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 53881
Ion Ratio Lower Upper
41 100
39 47.3 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

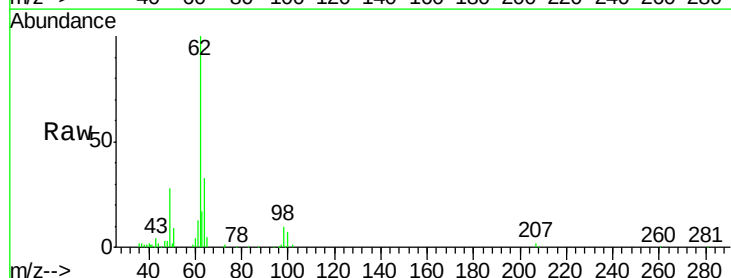


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

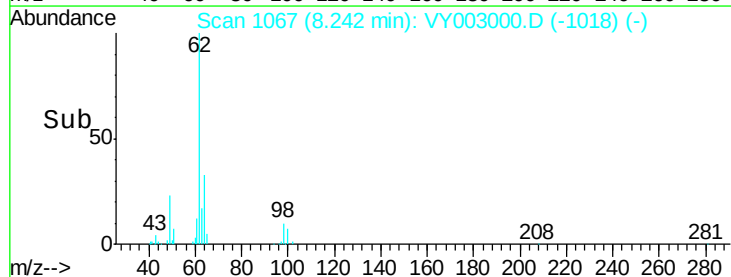
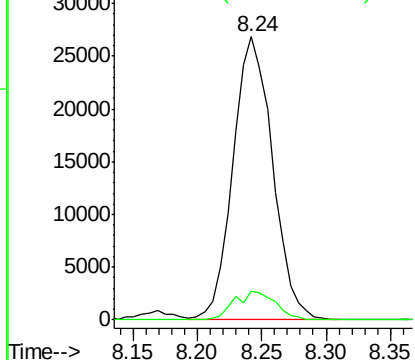


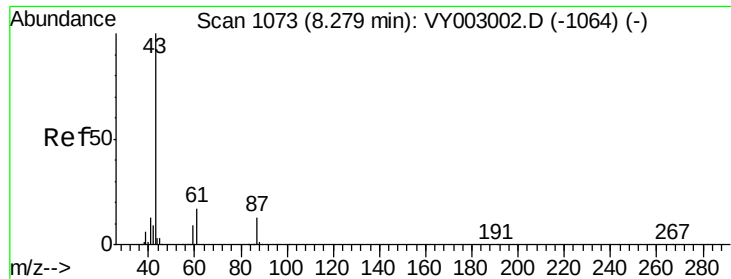
#42
1,2-Dichloroethane
Concen: 9.871 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 62 Resp: 56942
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 9.973 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

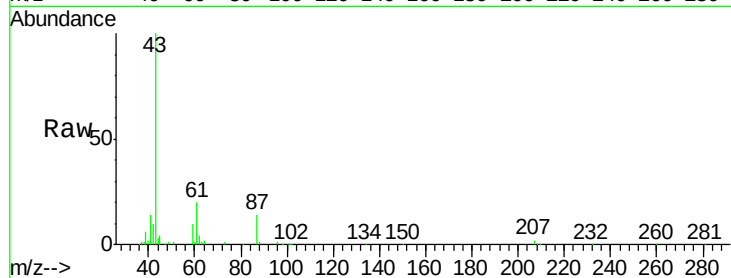
Tgt Ion: 43 Resp: 75922

Ion Ratio Lower Upper

43 100

61 28.2 21.8 32.6

87 12.9 10.1 15.1

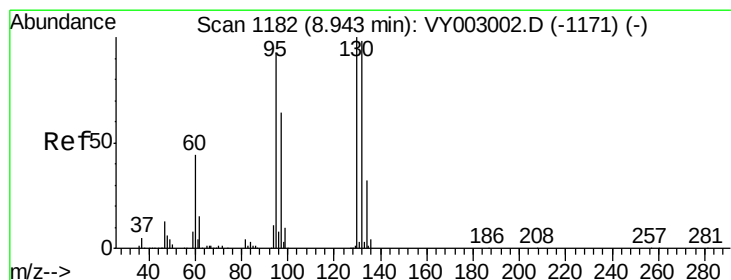
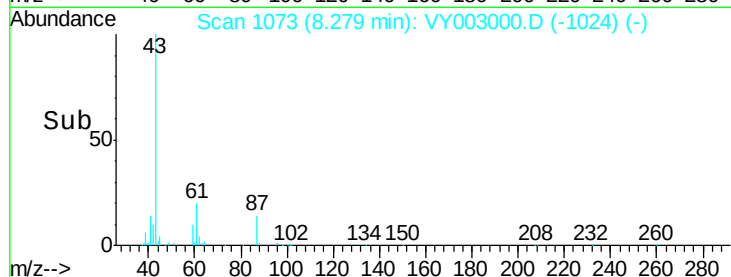


Abundance Ion 43.00 (42.70 to 43.70): VY003000.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003000.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003000.D (-1024) (-)

Time-->



#44

Trichloroethene

Concen: 10.155 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003000.D

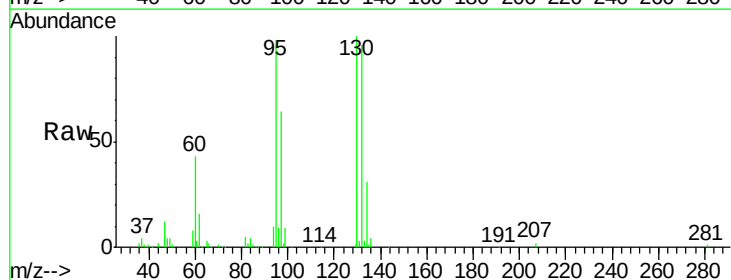
Acq: 29 Jun 2020 11:31

Tgt Ion: 130 Resp: 53823

Ion Ratio Lower Upper

130 100

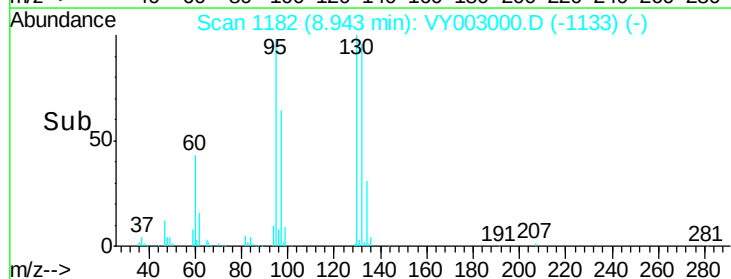
95 97.4 0.0 186.4

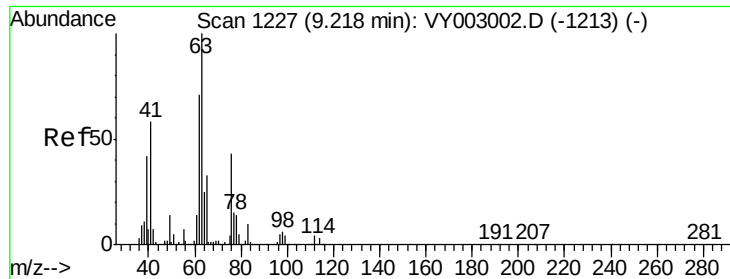


Abundance Ion 129.80 (129.50 to 130.50): VY003000.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003000.D (-1133) (-)

Time-->

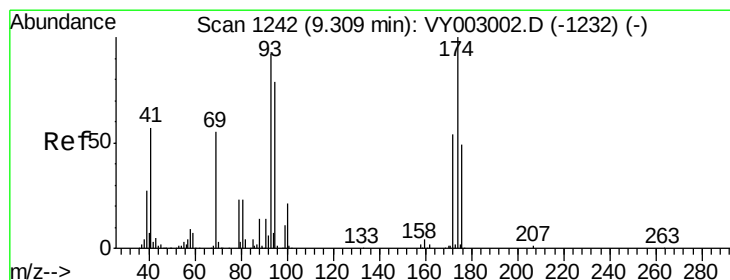
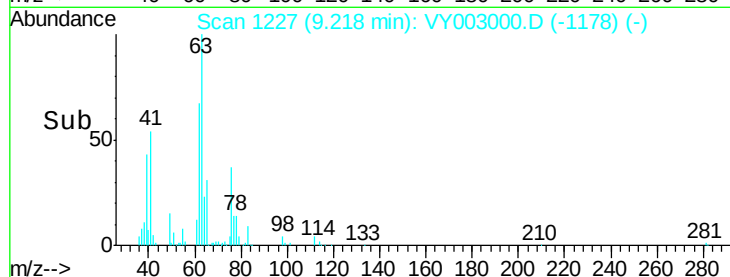
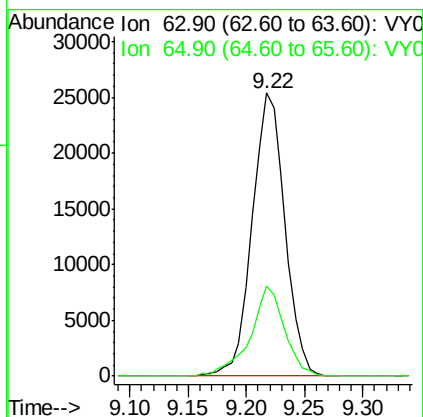
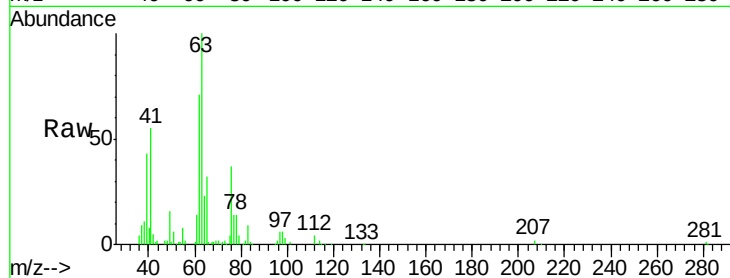




#45
 1,2-Dichloropropane
 Concen: 10.090 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

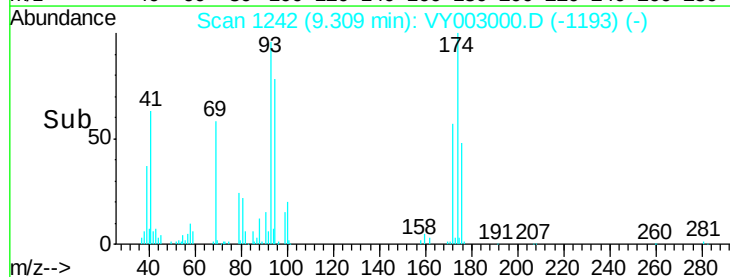
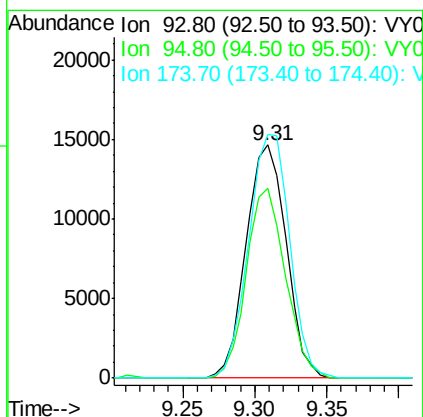
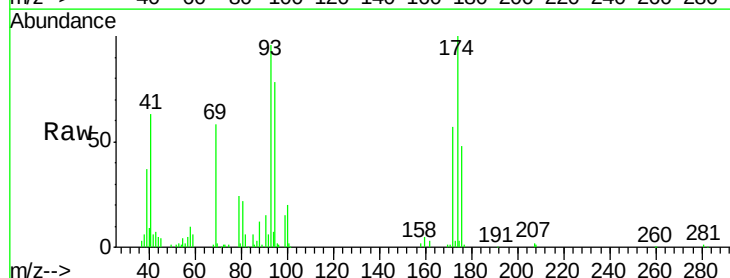
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

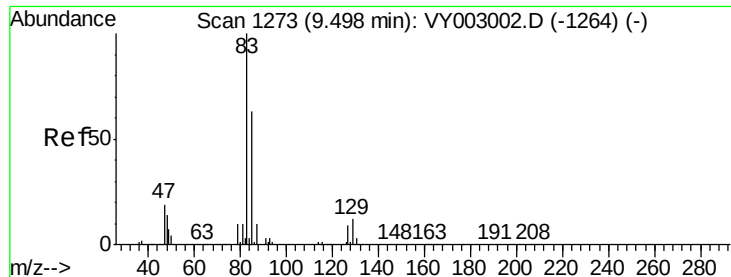
Tgt Ion: 63 Resp: 49501
 Ion Ratio Lower Upper
 63 100
 65 31.9 26.2 39.4



#46
 Dibromomethane
 Concen: 10.312 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion: 93 Resp: 28254
 Ion Ratio Lower Upper
 93 100
 95 79.4 67.6 101.4
 174 107.1 88.3 132.5





#47

Bromodichloromethane

Concen: 10.044 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

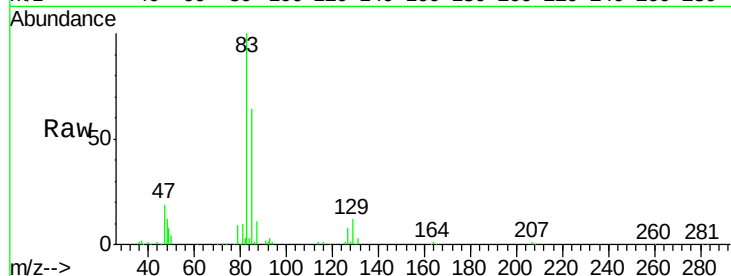
Tgt Ion: 83 Resp: 67387

Ion Ratio Lower Upper

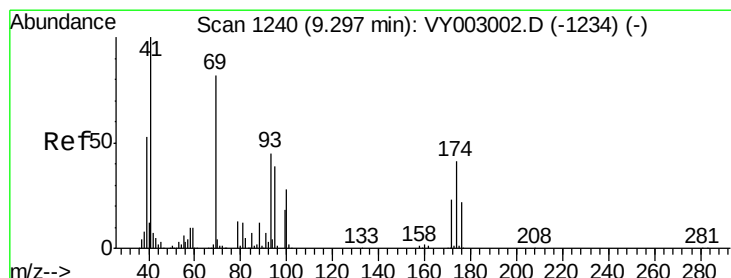
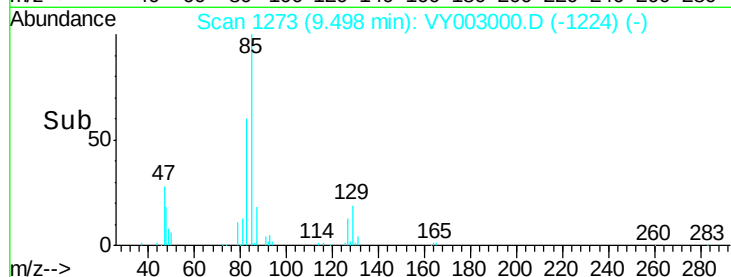
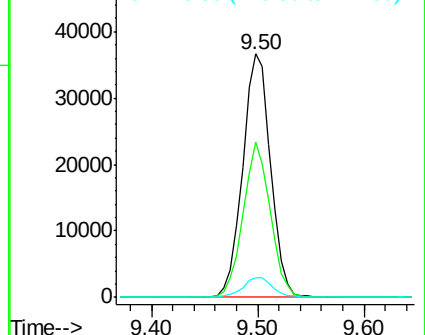
83 100

85 64.0 50.5 75.7

127 8.3 7.0 10.4



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



#48

Methyl methacrylate

Concen: 9.891 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

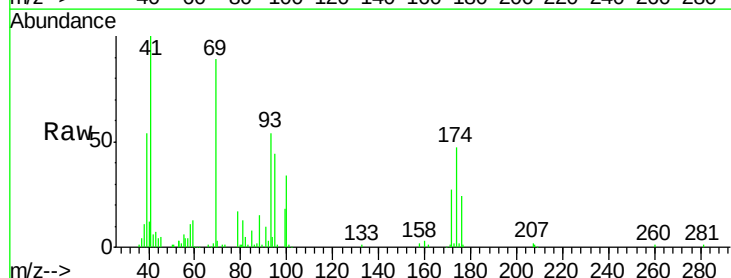
Tgt Ion: 41 Resp: 34276

Ion Ratio Lower Upper

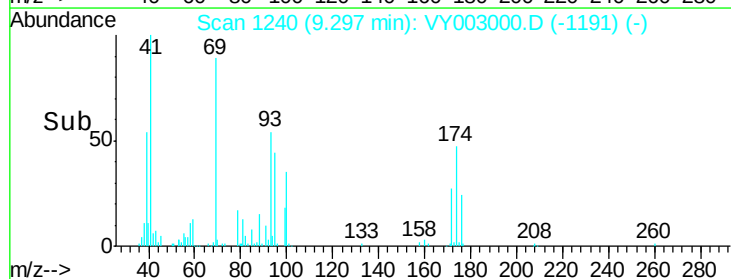
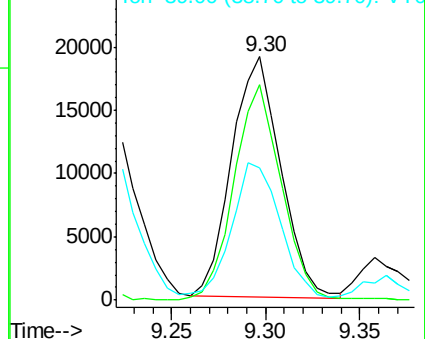
41 100

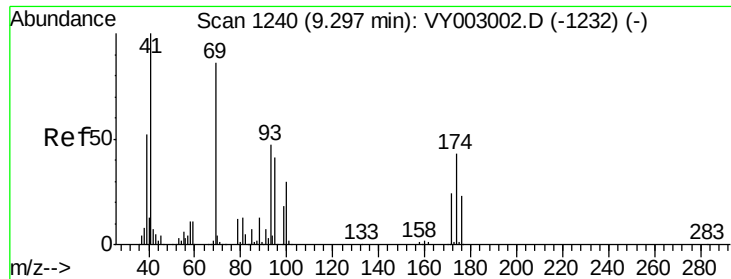
69 86.9 67.7 101.5

39 57.8 45.0 67.4



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

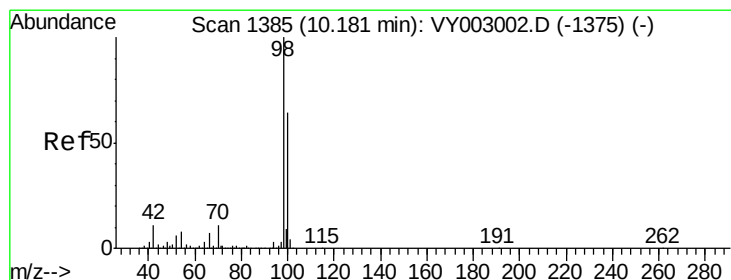
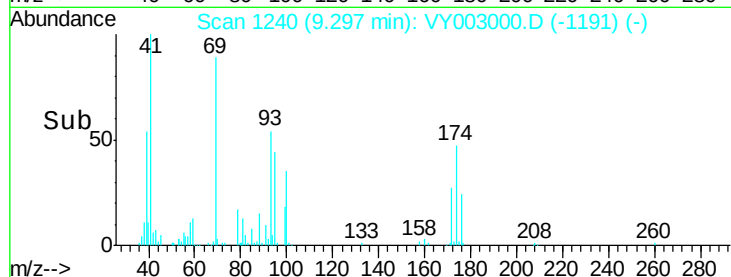
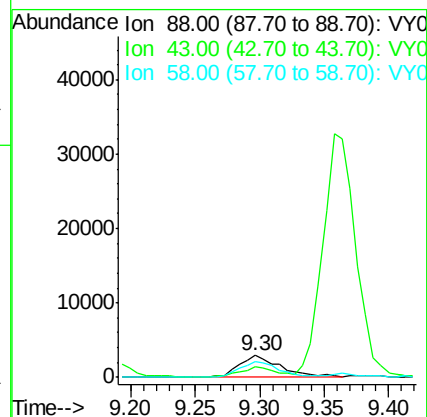
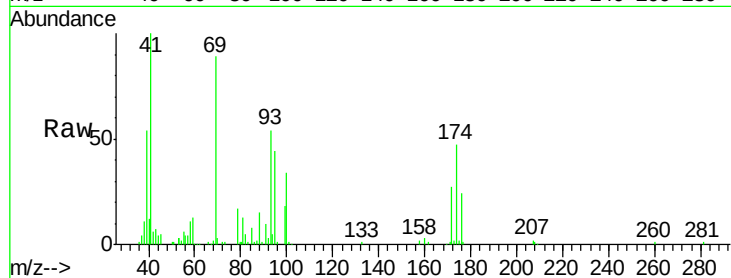




#49
1,4-Dioxane
Concen: 199.721 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

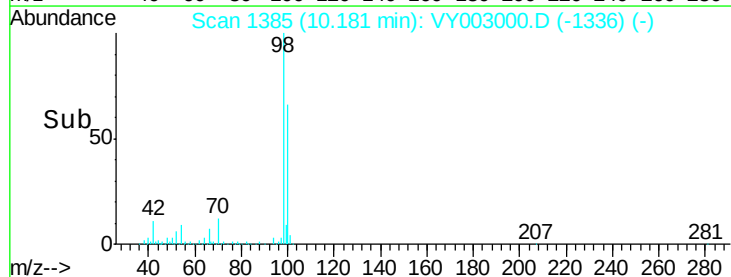
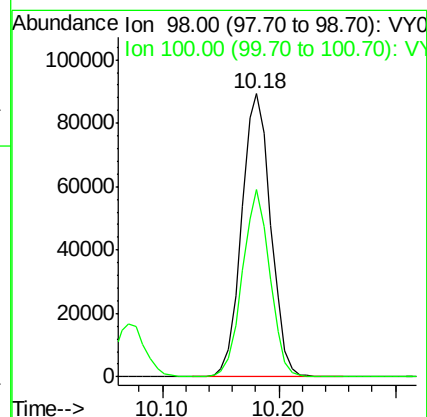
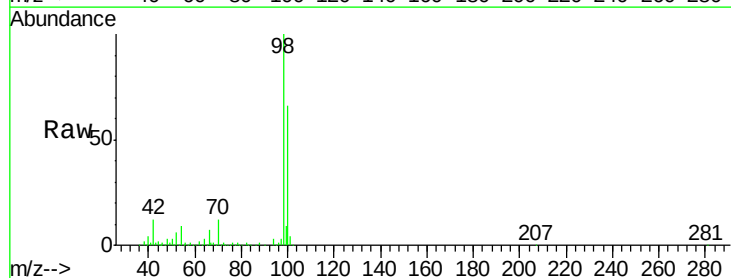
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

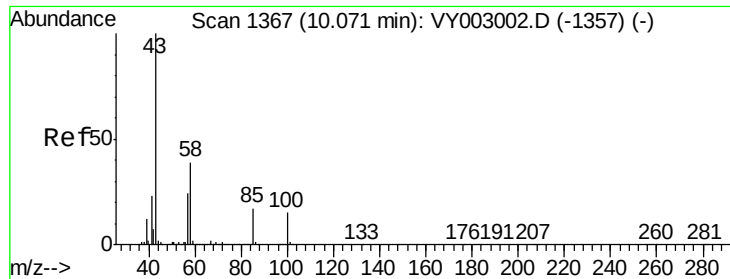
Tgt Ion: 88 Resp: 6680
Ion Ratio Lower Upper
88 100
43 37.9 28.6 42.8
58 65.4 56.7 85.1



#50
Toluene-d8
Concen: 9.666 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 98 Resp: 155323
Ion Ratio Lower Upper
98 100
100 62.9 51.1 76.7

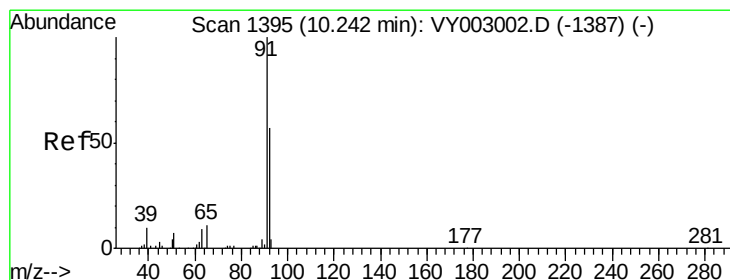
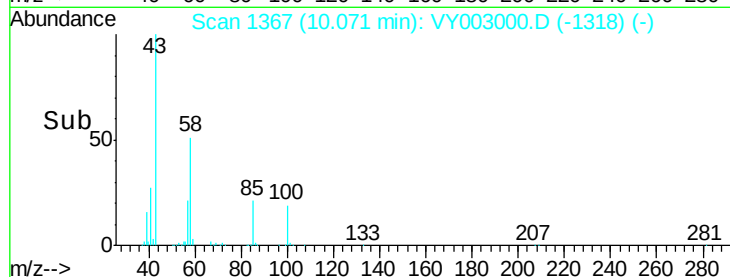
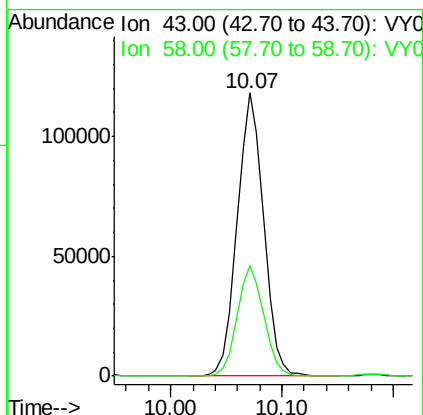
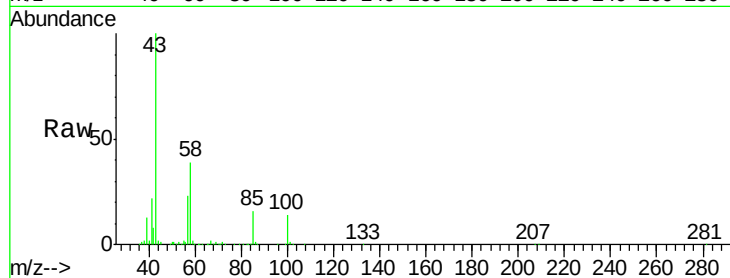




#51
4-Methyl-2-Pentanone
Concen: 49.346 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

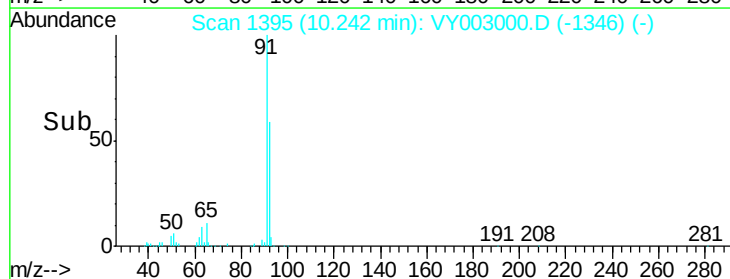
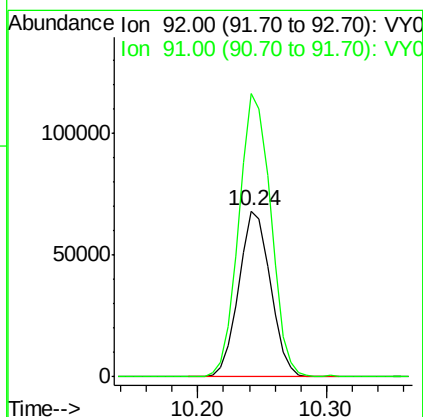
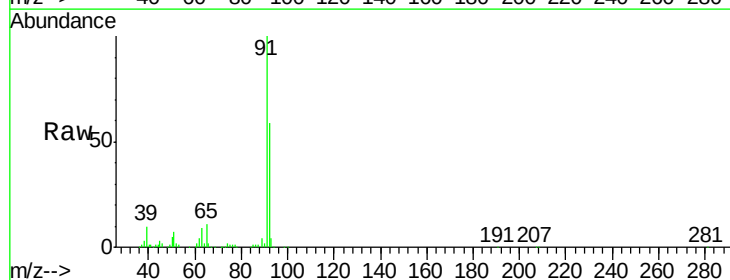
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

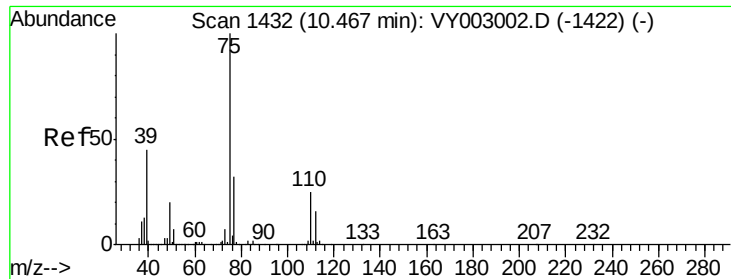
Tgt Ion: 43 Resp: 194170
Ion Ratio Lower Upper
43 100
58 39.3 31.1 46.7



#52
Toluene
Concen: 10.131 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 92 Resp: 116297
Ion Ratio Lower Upper
92 100
91 172.5 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 9.954 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

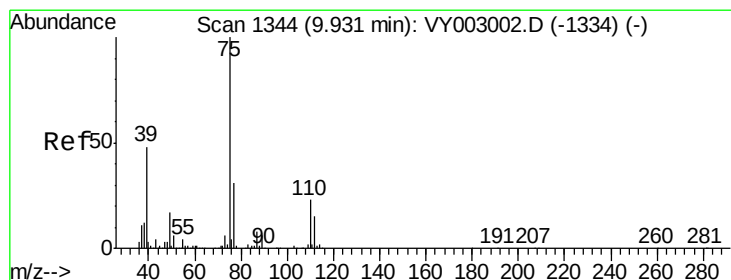
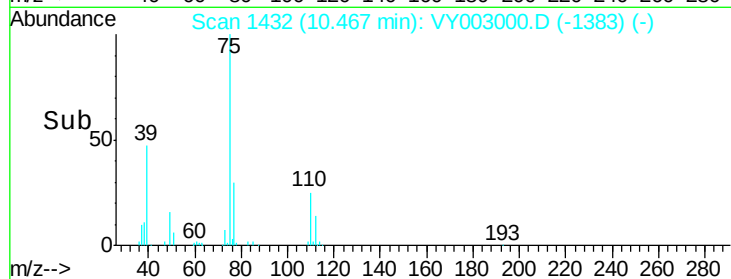
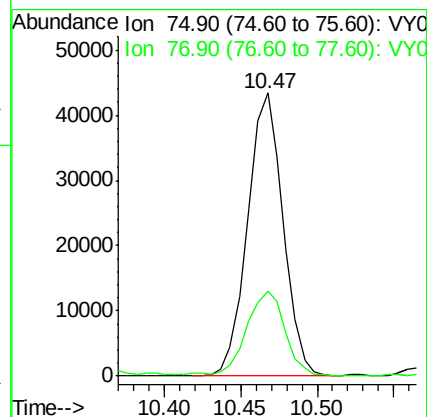
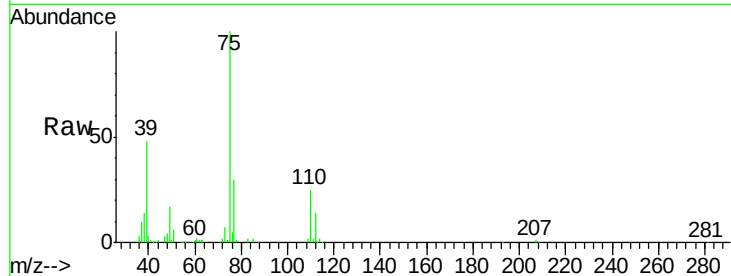
VSTDIC010

Tgt Ion: 75 Resp: 70019

Ion Ratio Lower Upper

75 100

77 29.7 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 10.091 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

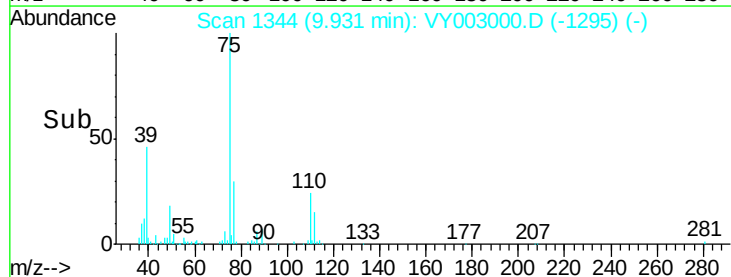
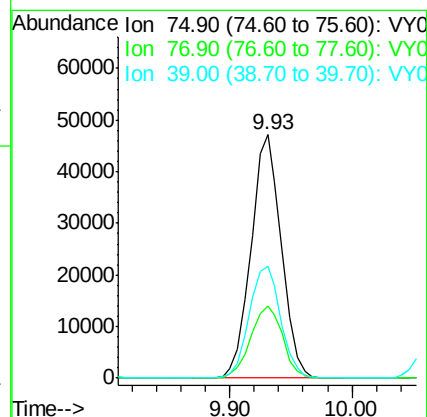
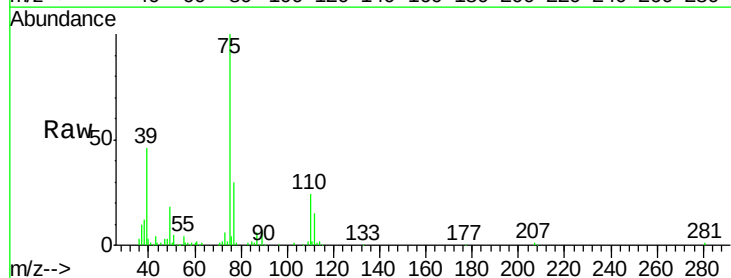
Tgt Ion: 75 Resp: 81177

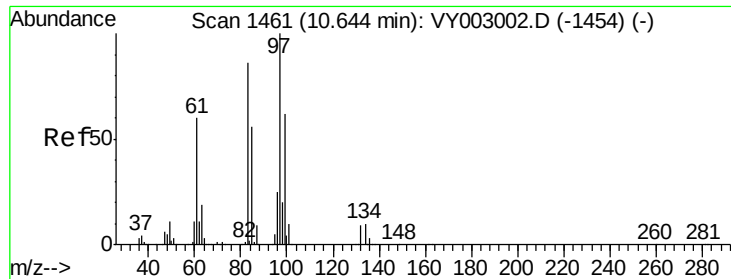
Ion Ratio Lower Upper

75 100

77 29.8 24.6 37.0

39 45.9 38.3 57.5

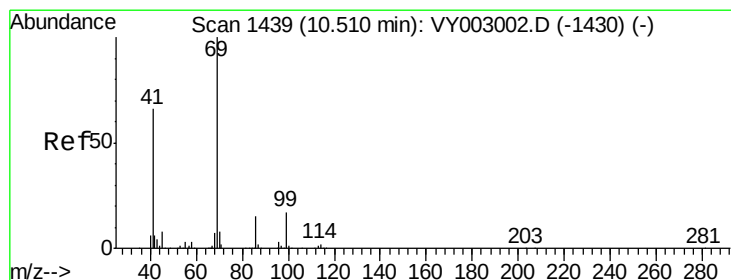
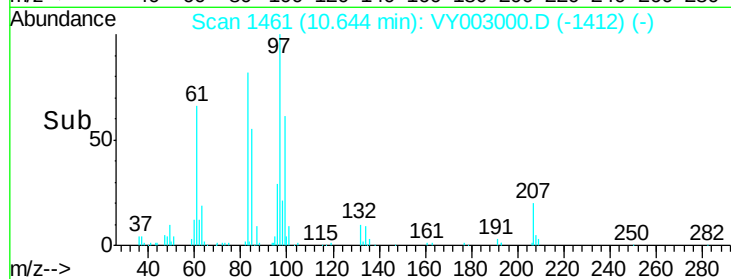
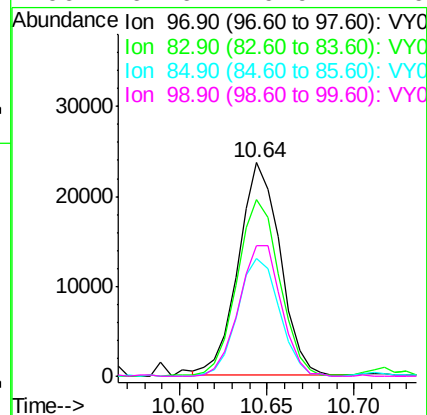
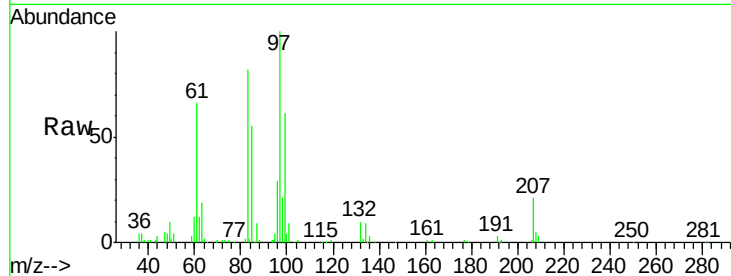




#55
 1,1,2-Trichloroethane
 Concen: 10.353 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

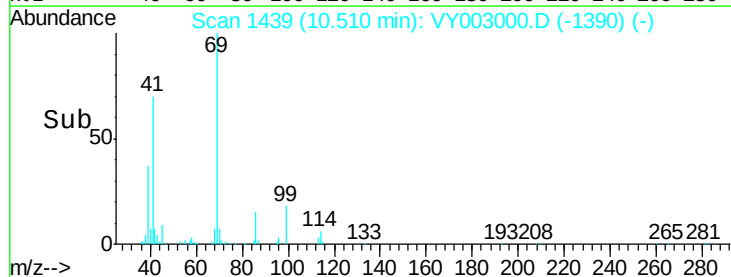
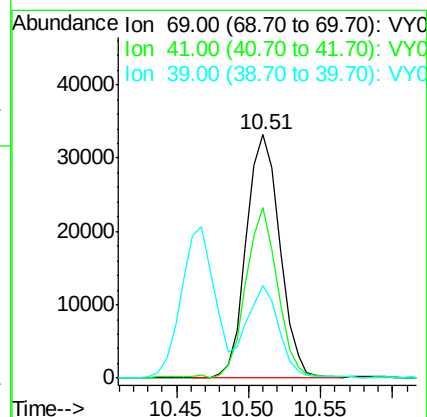
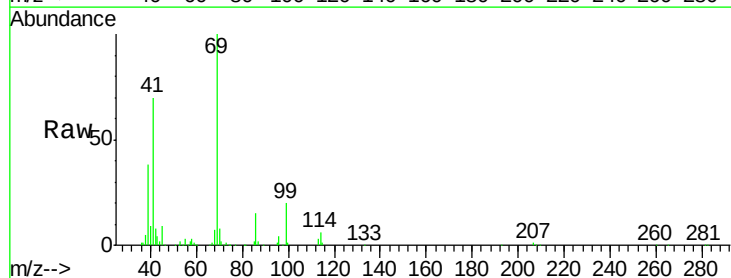
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

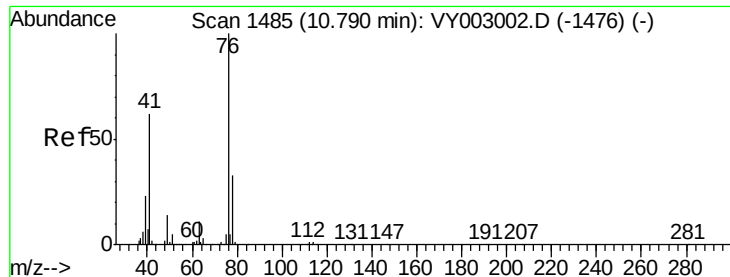
Tgt Ion:	97	Resp:	39420
Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.0	103.6
85	55.0	44.8	67.2
99	61.6	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 9.729 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion:	69	Resp:	53621
Ion	Ratio	Lower	Upper
69	100		
41	67.7	53.7	80.5
39	37.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 10.115 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

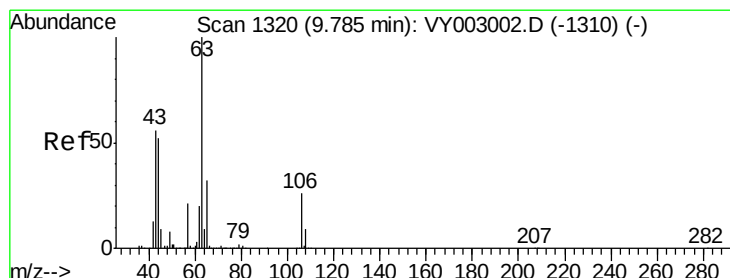
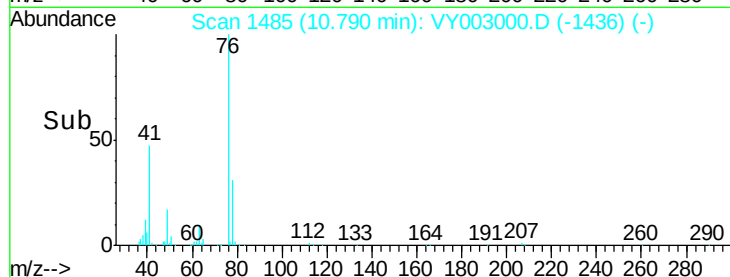
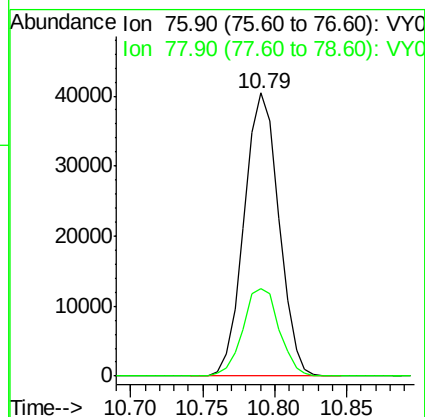
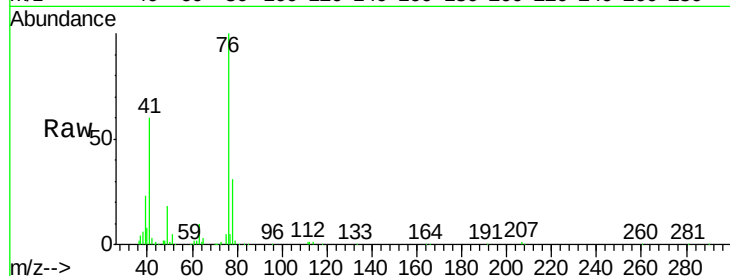
VSTDIC010

Tgt Ion: 76 Resp: 67609

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 44.896 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003000.D

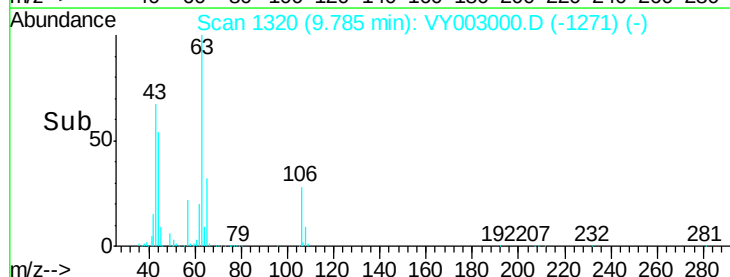
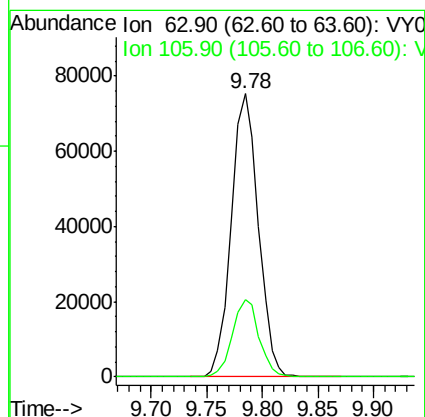
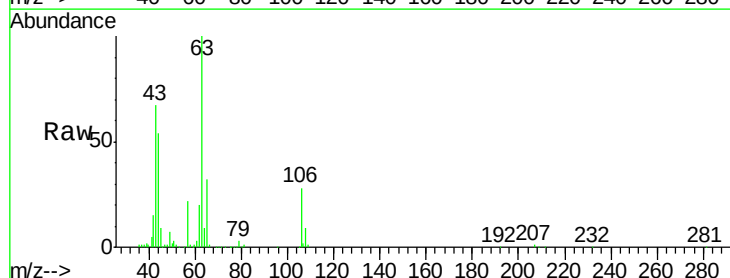
Acq: 29 Jun 2020 11:31

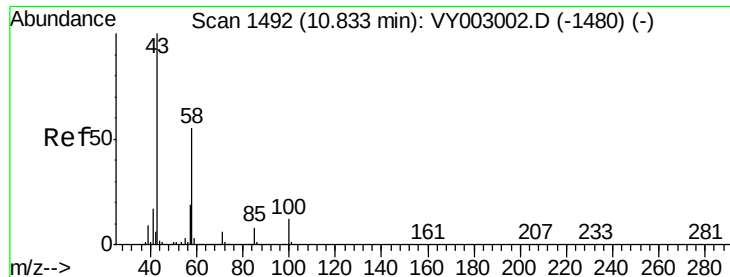
Tgt Ion: 63 Resp: 126906

Ion Ratio Lower Upper

63 100

106 26.9 21.5 32.3

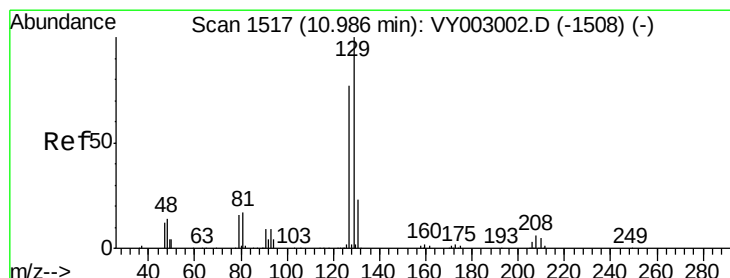
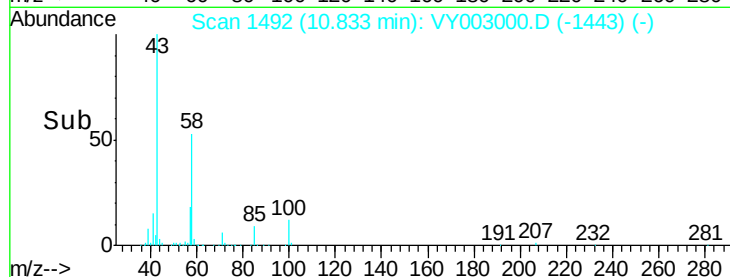
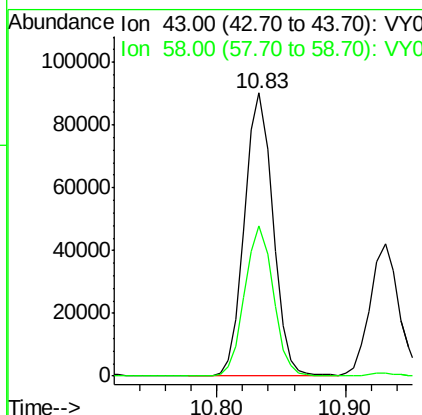
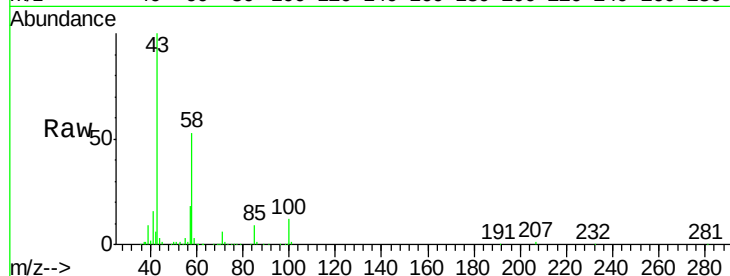




#59
2-Hexanone
Concen: 50.108 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

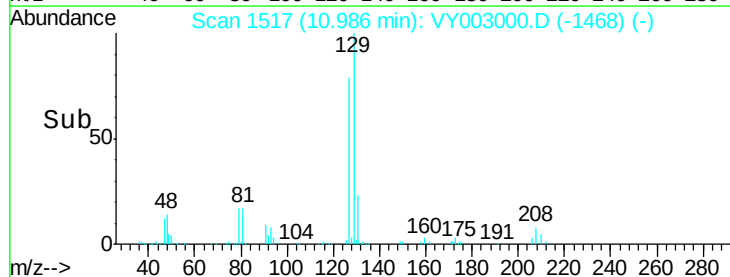
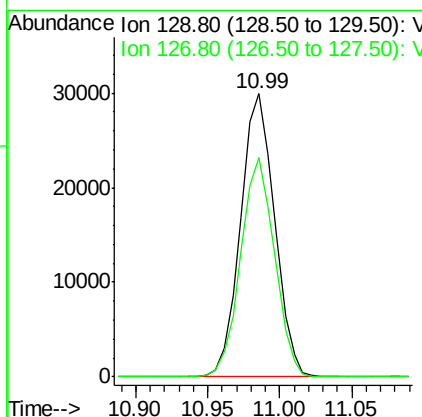
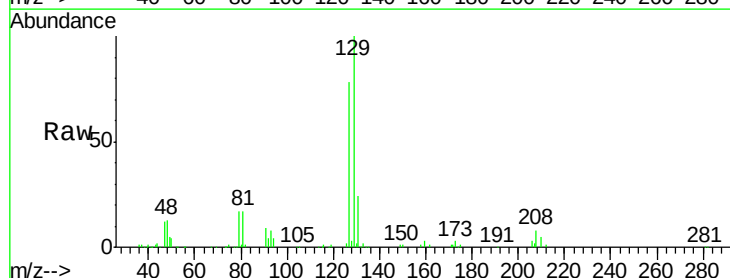
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

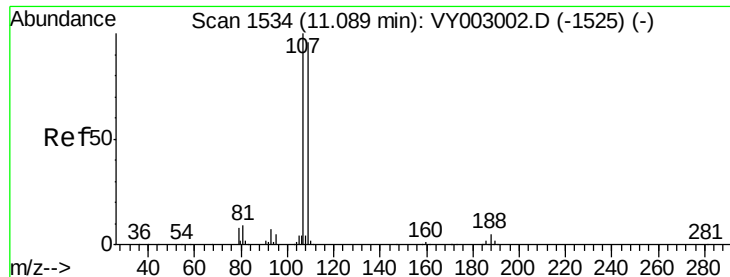
Tgt Ion: 43 Resp: 137814
Ion Ratio Lower Upper
43 100
58 53.2 27.5 82.4



#60
Dibromochloromethane
Concen: 10.076 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 129 Resp: 49093
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3

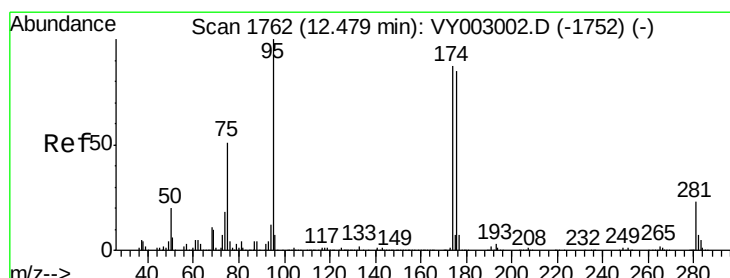
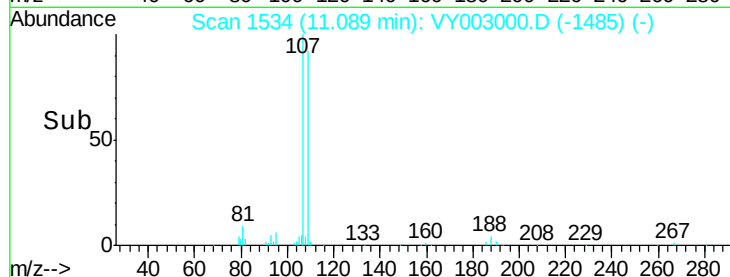
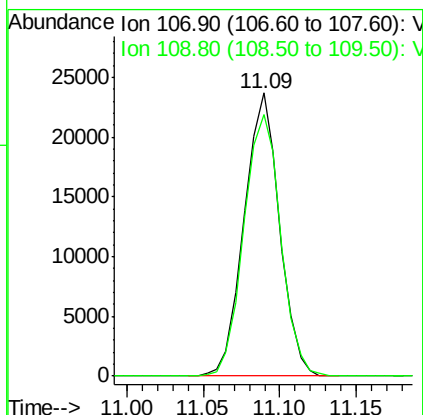
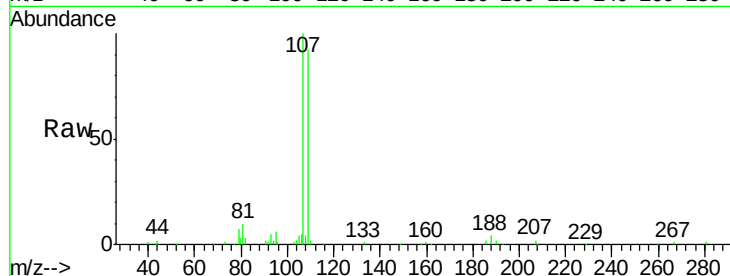




#61
 1,2-Dibromoethane
 Concen: 10.128 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

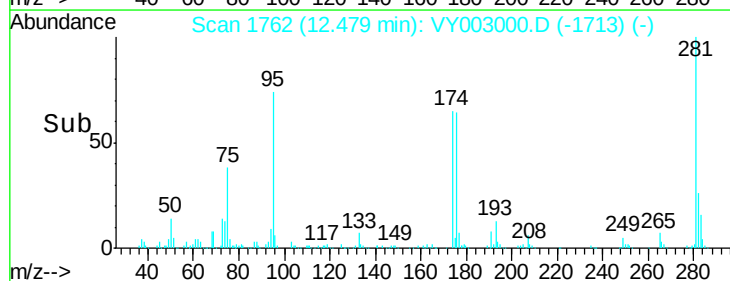
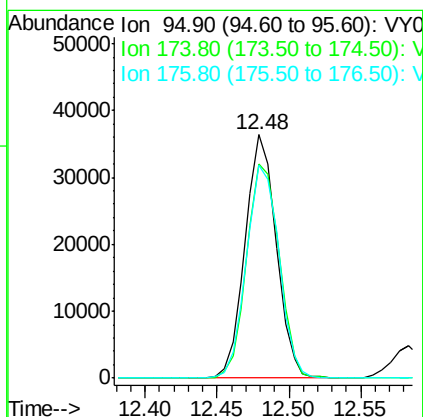
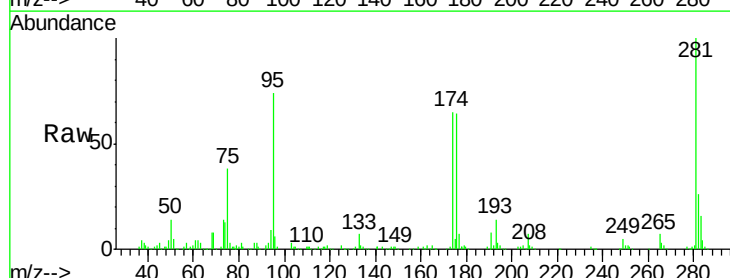
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

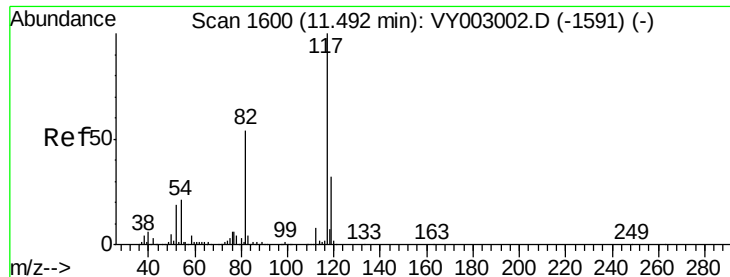
Tgt Ion: 107 Resp: 38015
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 9.640 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion: 95 Resp: 54529
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 184.8
 176 91.0 0.0 183.0

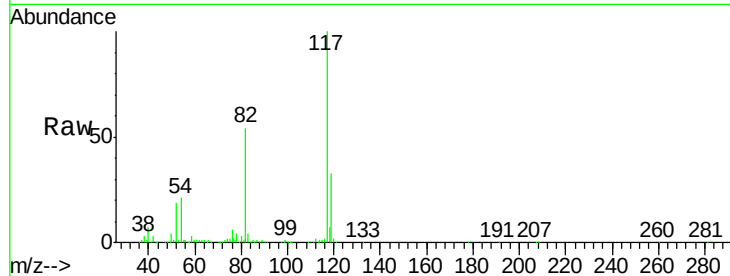




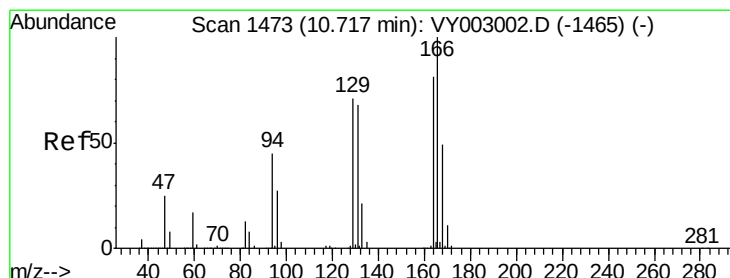
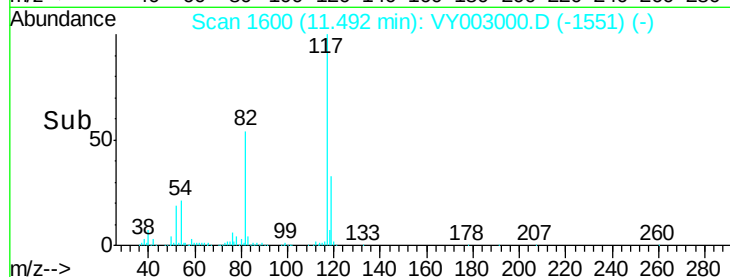
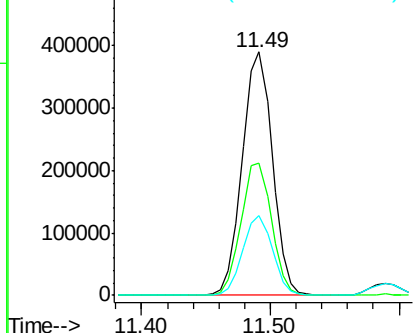
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tgt Ion:117 Resp: 630861
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.6
119 32.6 25.8 38.8

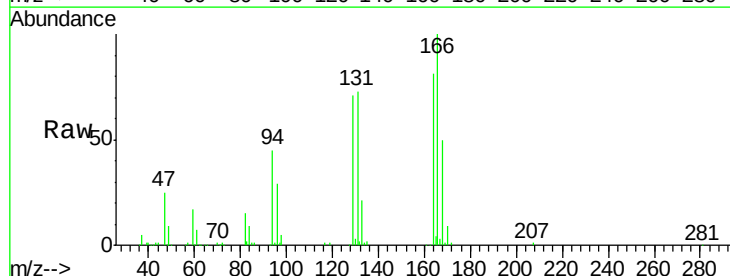


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

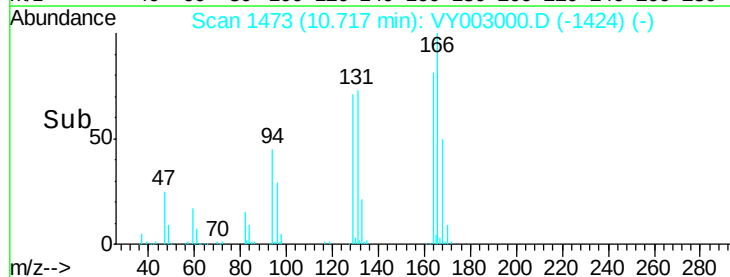
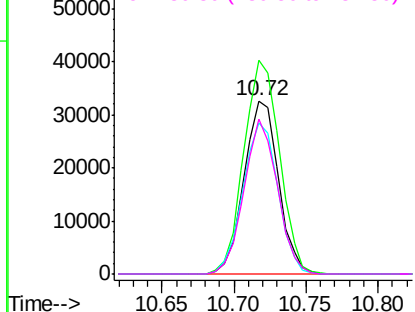


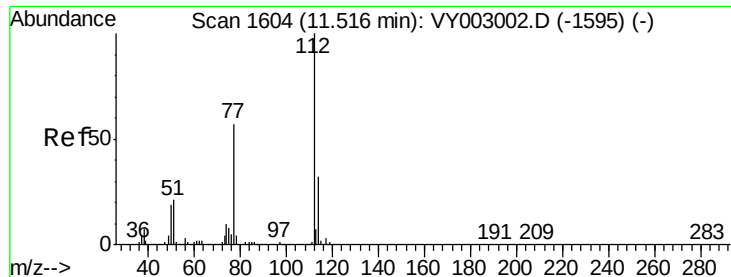
#64
Tetrachloroethene
Concen: 10.094 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion:164 Resp: 53896
Ion Ratio Lower Upper
164 100
166 123.4 98.5 147.7
129 87.1 69.7 104.5
131 89.7 67.2 100.8



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

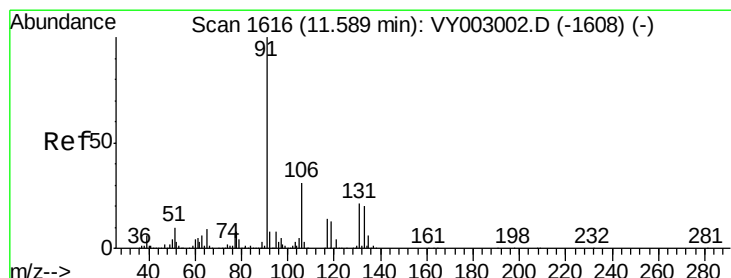
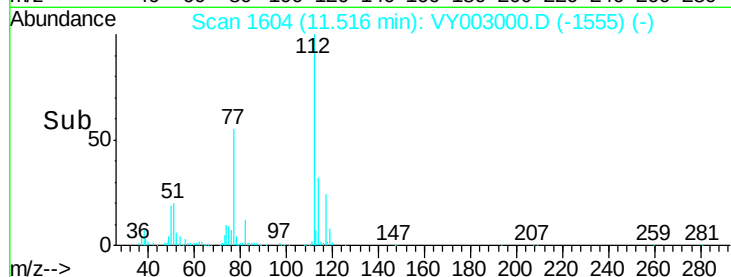
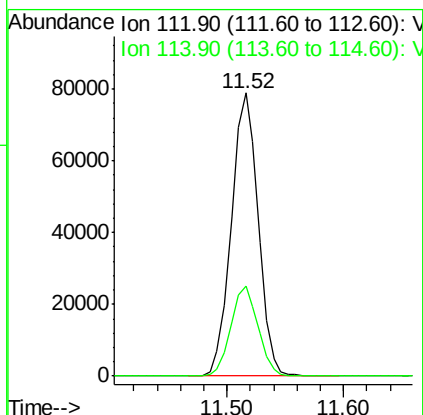
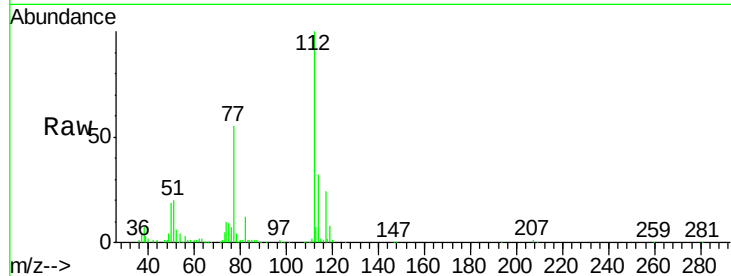




#65
Chlorobenzene
Concen: 10.177 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

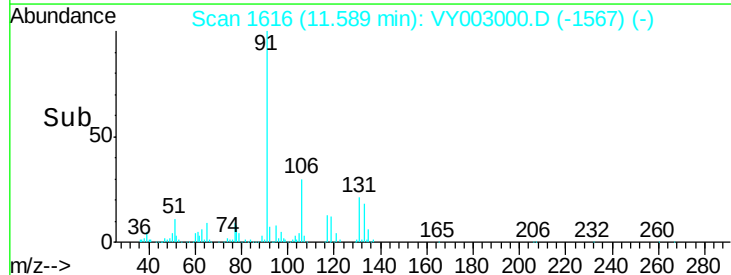
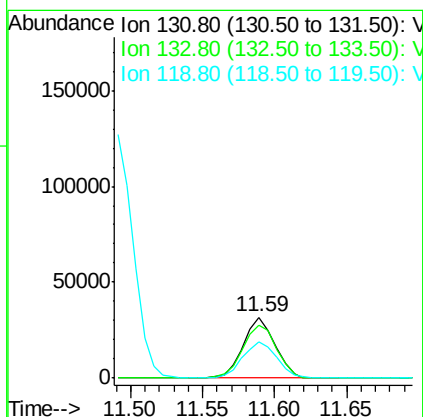
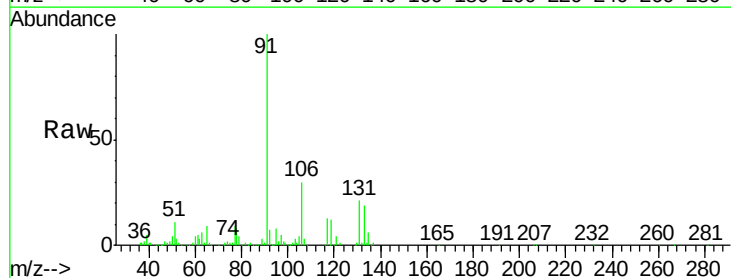
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

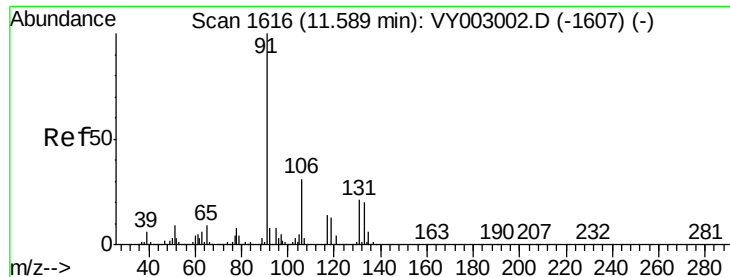
Tgt Ion:112 Resp: 126593
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 9.923 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion:131 Resp: 48194
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.8
119 64.1 31.8 95.3





#67

Ethyl Benzene

Concen: 10.155 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

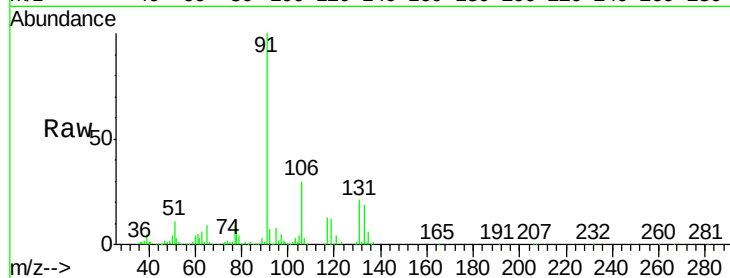
VSTDIC010

Tgt Ion: 91 Resp: 231107

Ion Ratio Lower Upper

91 100

106 30.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1607) (-)

Ion 106.00 (105.70 to 106.70): VY003002.D (-1607) (-)

200000

150000

100000

50000

0

11.50

11.60

11.70

11.80

11.90

12.00

12.10

12.20

12.30

12.40

12.50

12.60

12.70

12.80

12.90

13.00

13.10

13.20

13.30

13.40

13.50

13.60

13.70

13.80

13.90

14.00

14.10

14.20

14.30

14.40

14.50

14.60

14.70

14.80

14.90

15.00

15.10

15.20

15.30

15.40

15.50

15.60

15.70

15.80

15.90

16.00

16.10

16.20

16.30

16.40

16.50

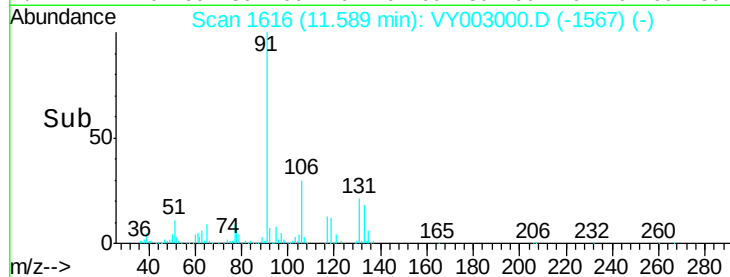
16.60

16.70

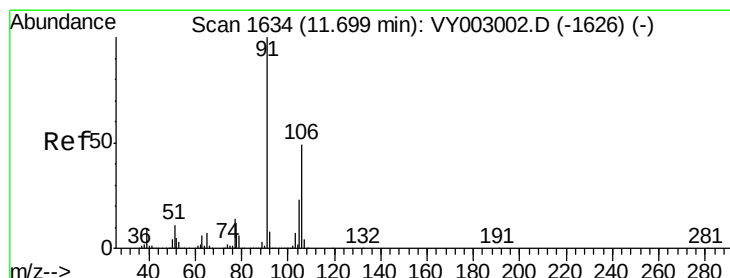
16.80

16.90

17.00



Time-->



#68

m/p-Xylenes

Concen: 20.224 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003000.D

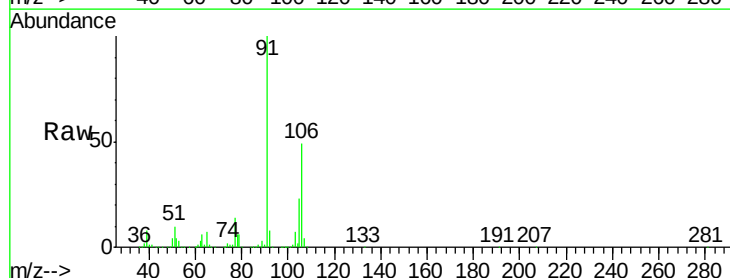
Acq: 29 Jun 2020 11:31

Tgt Ion: 106 Resp: 171293

Ion Ratio Lower Upper

106 100

91 202.7 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): VY003002.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY003002.D (-1626) (-)

200000

150000

100000

50000

0

11.60

11.70

11.80

11.90

12.00

12.10

12.20

12.30

12.40

12.50

12.60

12.70

12.80

12.90

13.00

13.10

13.20

13.30

13.40

13.50

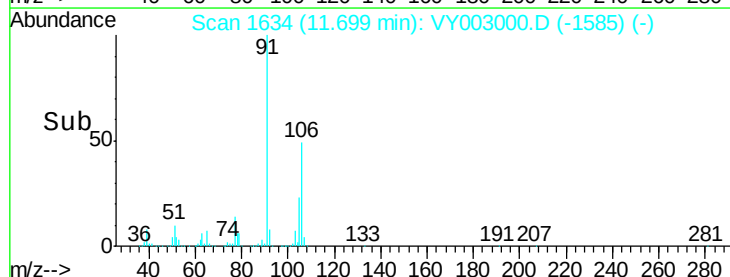
13.60

13.70

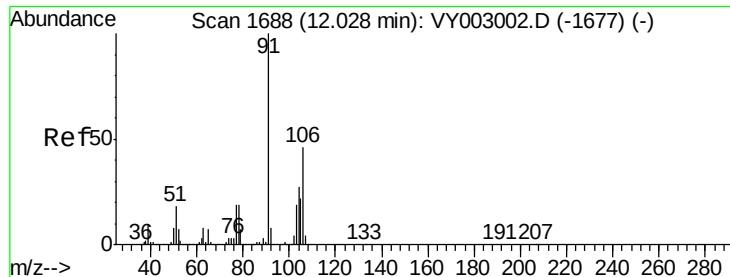
13.80

13.90

14.00



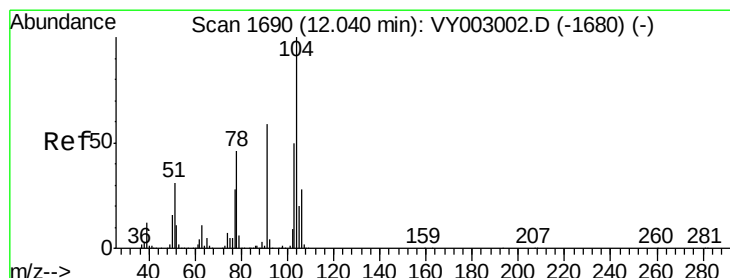
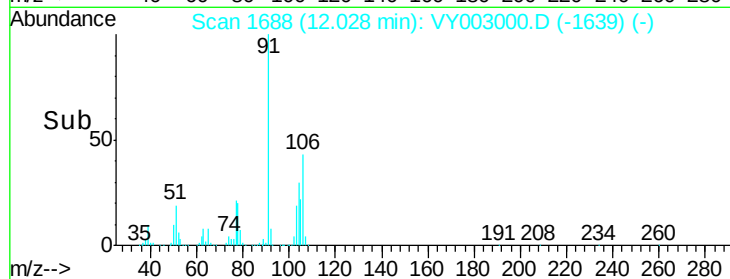
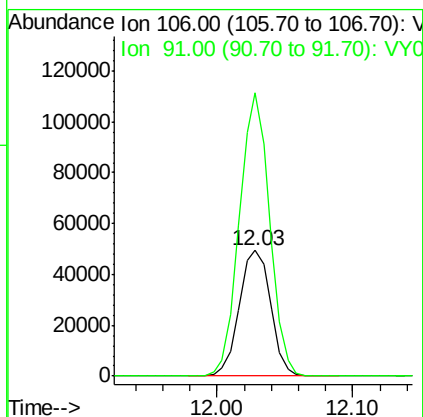
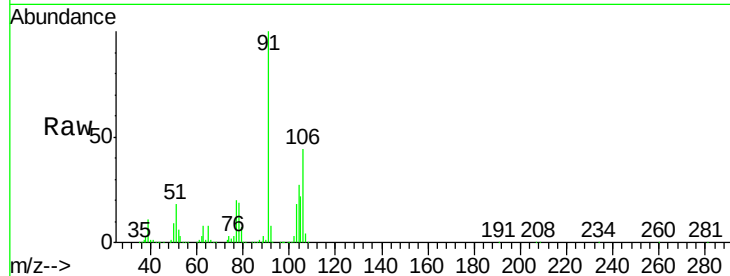
Time-->



#69
o-Xylene
Concen: 9.995 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

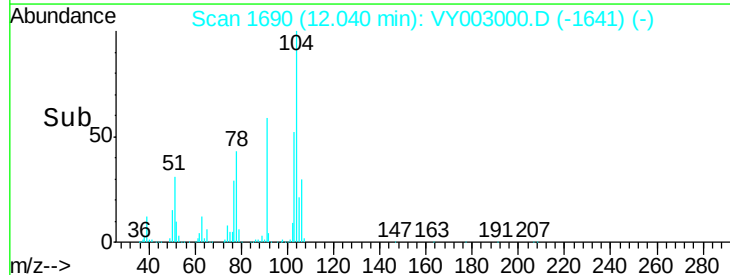
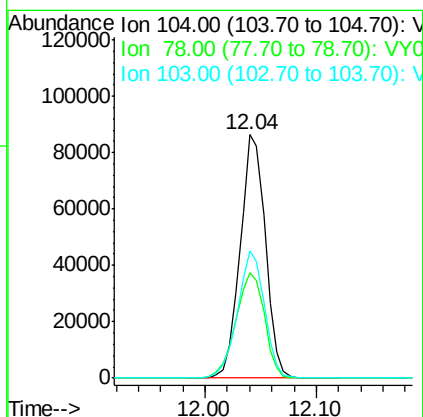
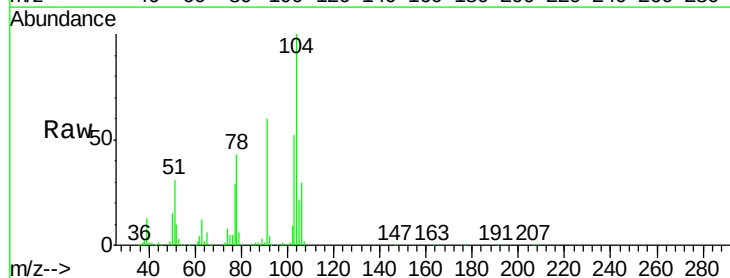
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

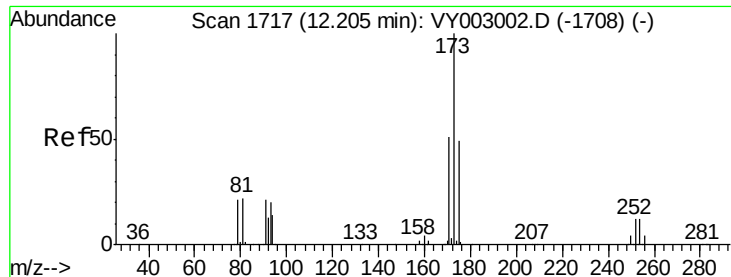
Tgt Ion:106 Resp: 79776
Ion Ratio Lower Upper
106 100
91 216.2 107.9 323.8



#70
Styrene
Concen: 9.971 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion:104 Resp: 135956
Ion Ratio Lower Upper
104 100
78 48.7 40.4 60.6
103 55.3 44.1 66.1

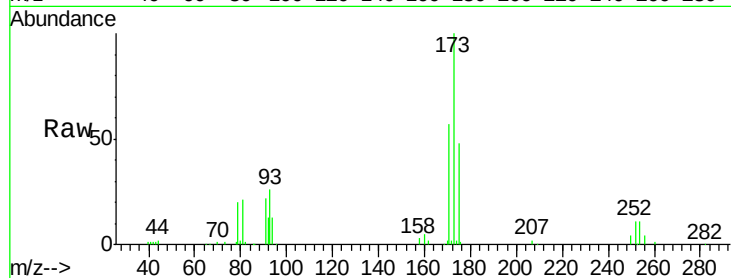




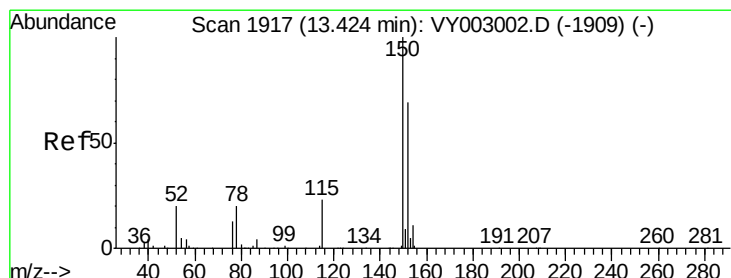
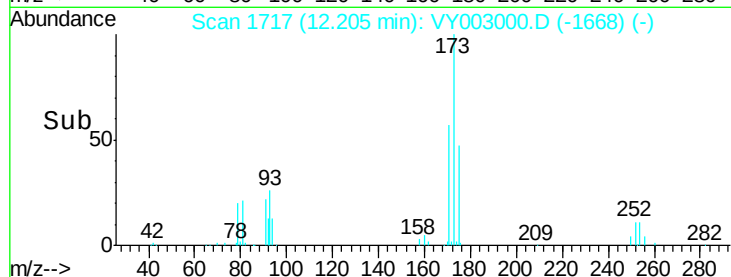
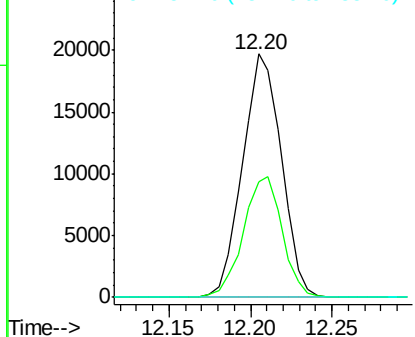
#71
Bromoform
Concen: 10.080 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 32643
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.6
254 0.0 0.2 0.2#

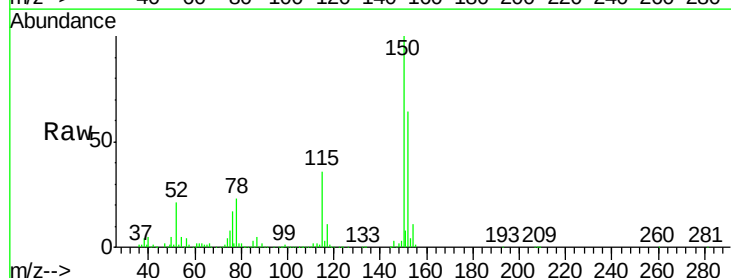


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

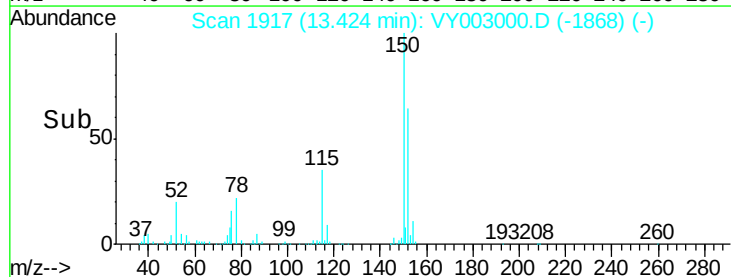
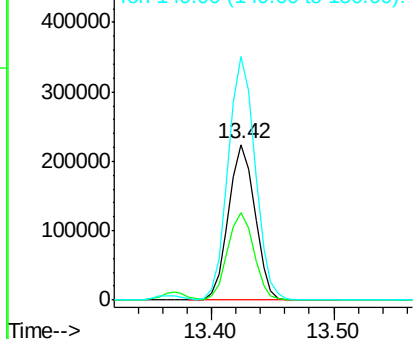


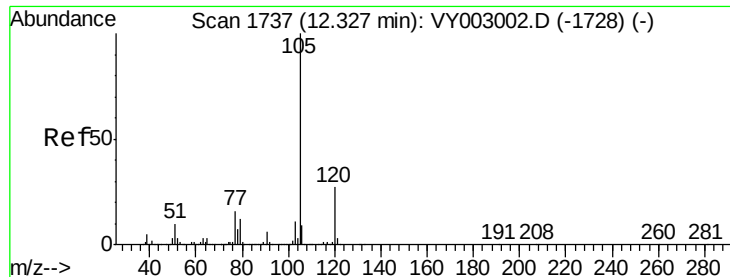
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion:152 Resp: 335192
Ion Ratio Lower Upper
152 100
115 55.4 27.3 81.9
150 159.7 0.0 343.4



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

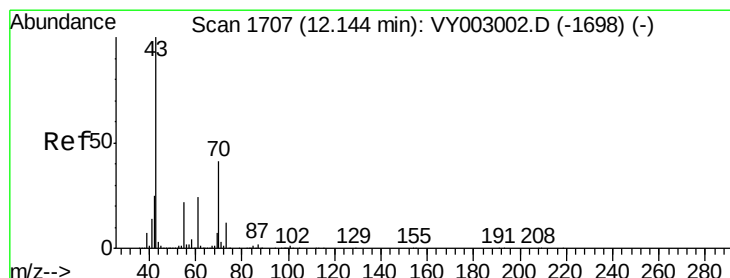
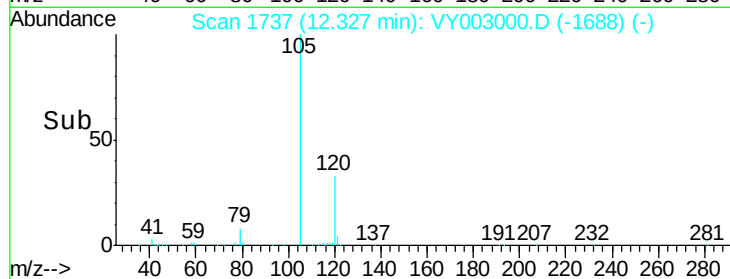
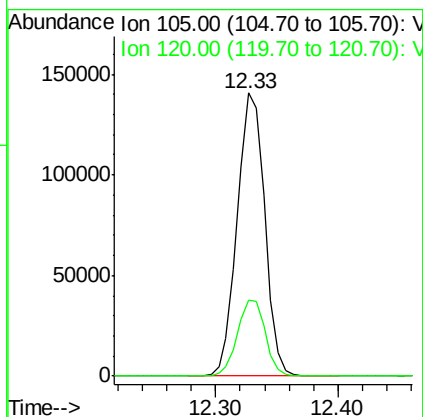
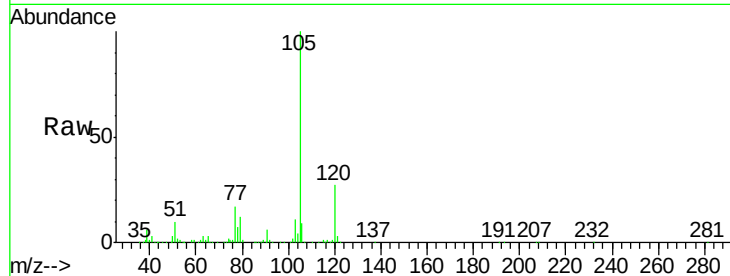




#73
Isopropylbenzene
Concen: 9.987 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

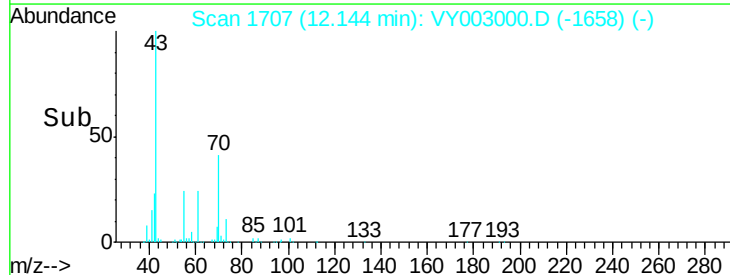
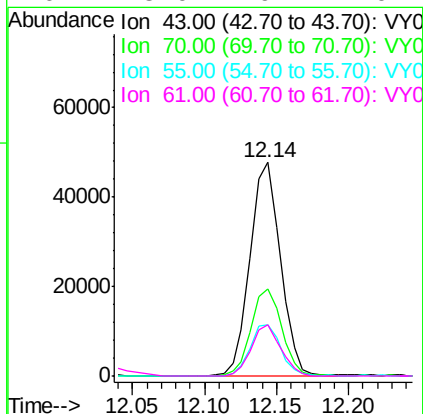
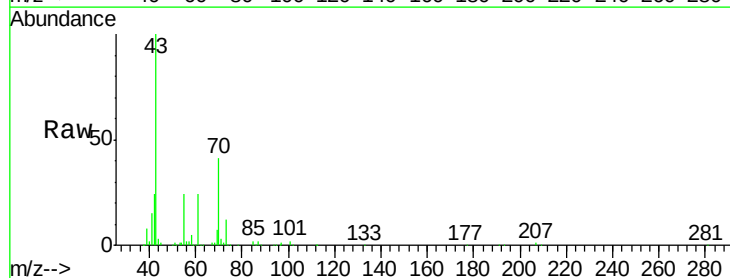
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

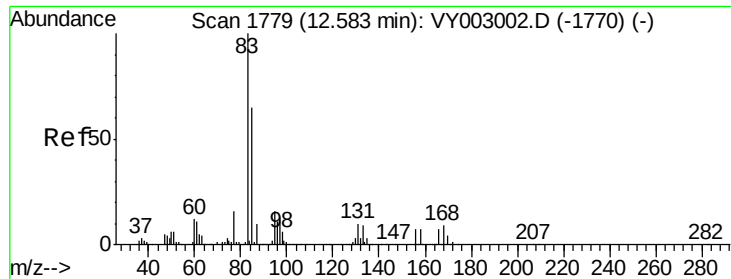
Tgt Ion: 105 Resp: 219083
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 9.818 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 43 Resp: 70115
Ion Ratio Lower Upper
43 100
70 40.9 33.0 49.4
55 24.1 18.2 27.2
61 23.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.161 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

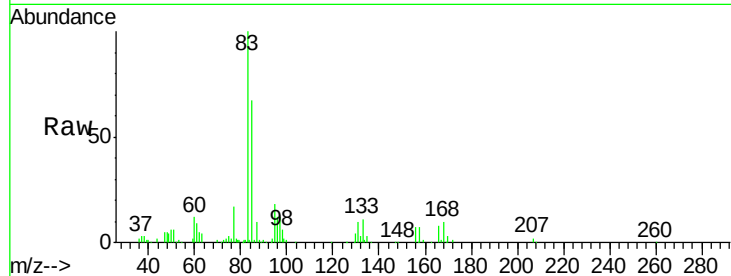
Tgt Ion: 83 Resp: 44983

Ion Ratio Lower Upper

83 100

131 9.8 5.3 16.1

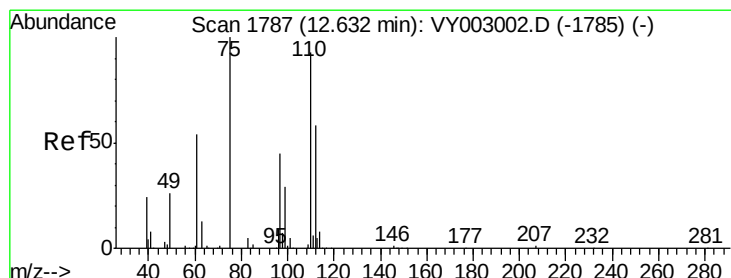
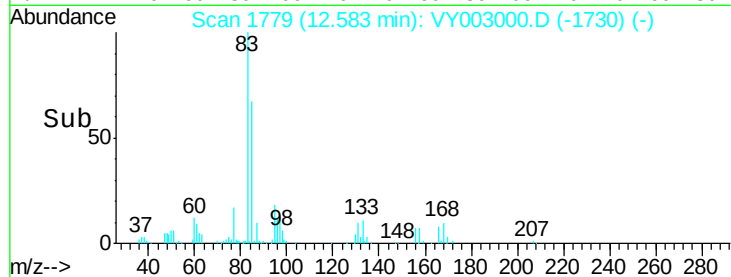
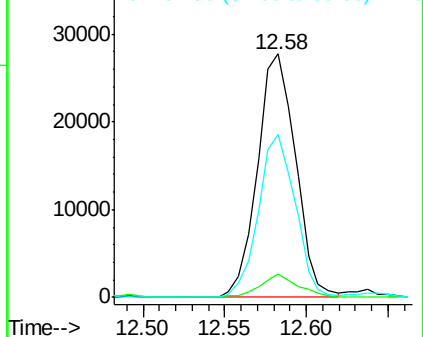
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 10.910 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003000.D

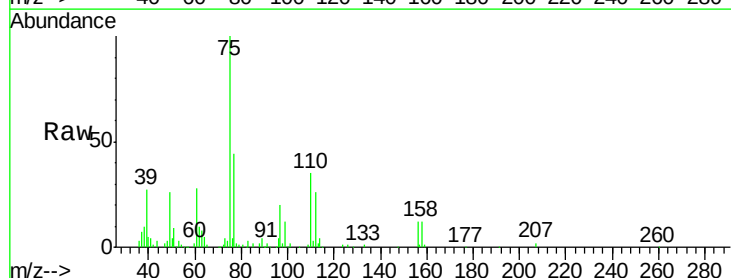
Acq: 29 Jun 2020 11:31

Tgt Ion: 75 Resp: 62507

Ion Ratio Lower Upper

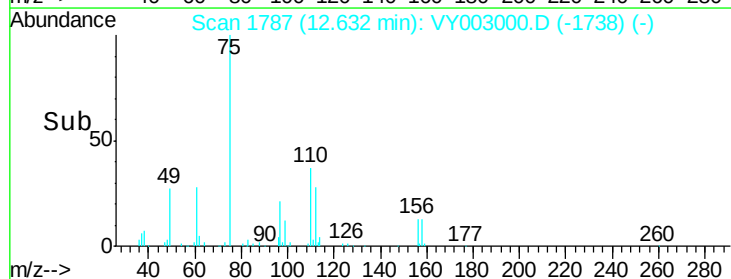
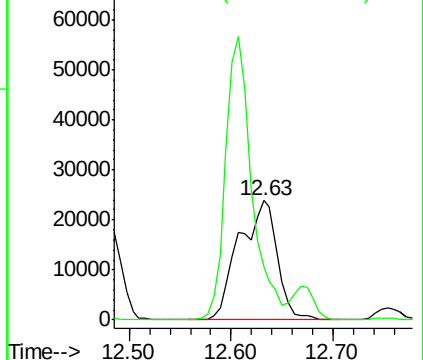
75 100

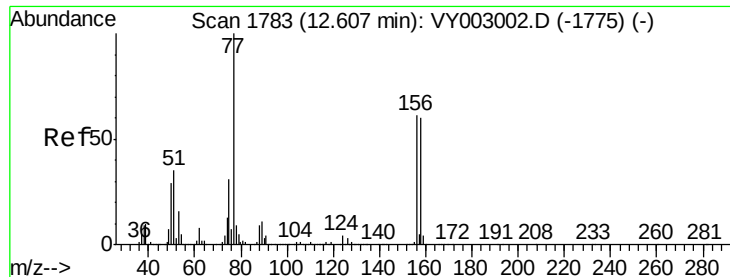
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 9.855 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

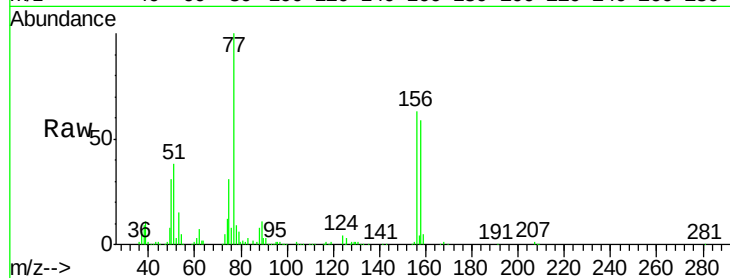
Tgt Ion:156 Resp: 55430

Ion Ratio Lower Upper

156 100

77 182.5 90.0 270.0

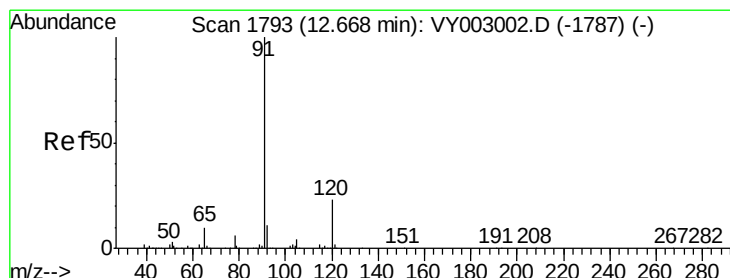
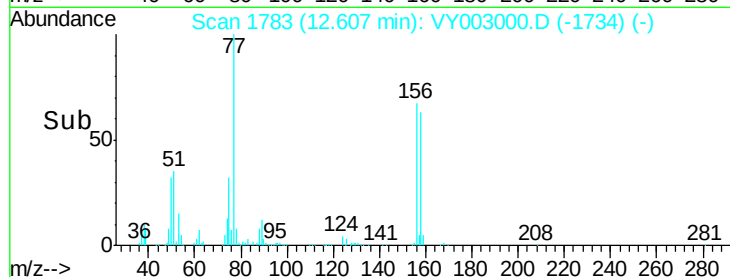
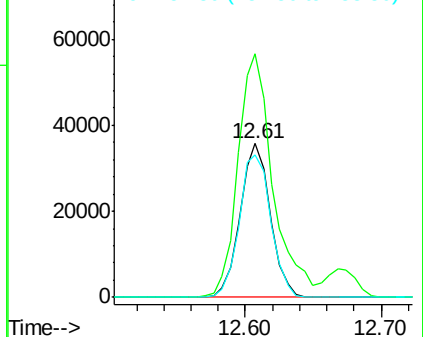
158 97.0 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.182 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003000.D

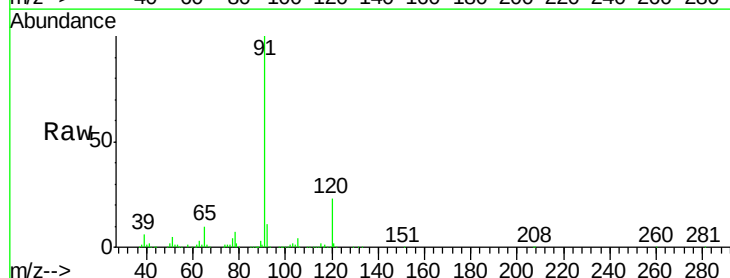
Acq: 29 Jun 2020 11:31

Tgt Ion: 91 Resp: 268621

Ion Ratio Lower Upper

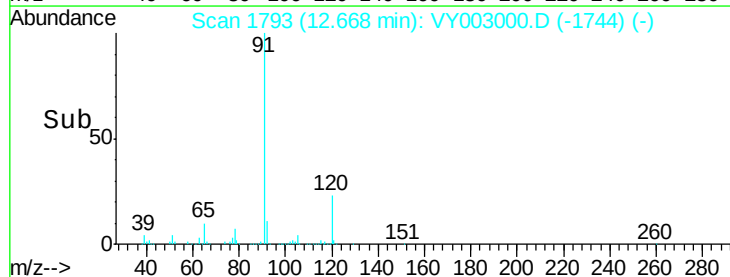
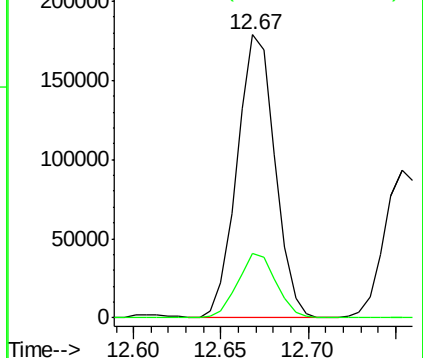
91 100

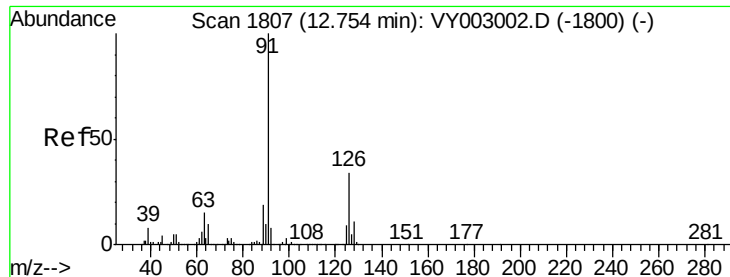
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.078 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

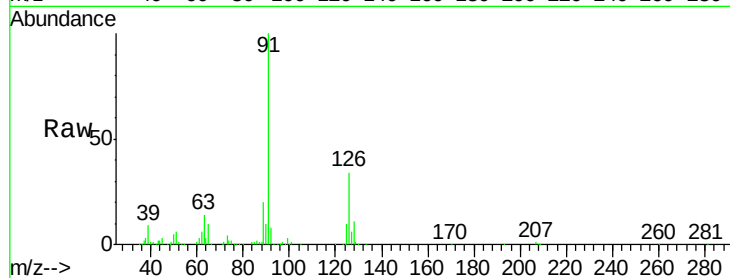
VSTDIC010

Tgt Ion: 91 Resp: 148401

Ion Ratio Lower Upper

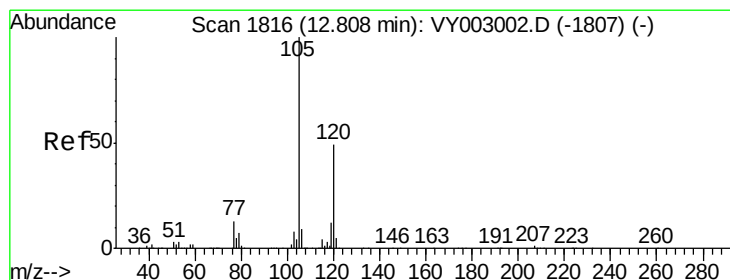
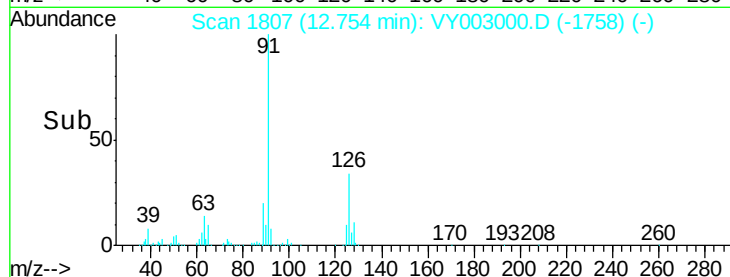
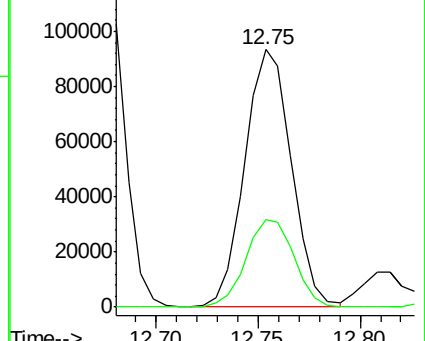
91 100

126 35.1 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.118 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003000.D

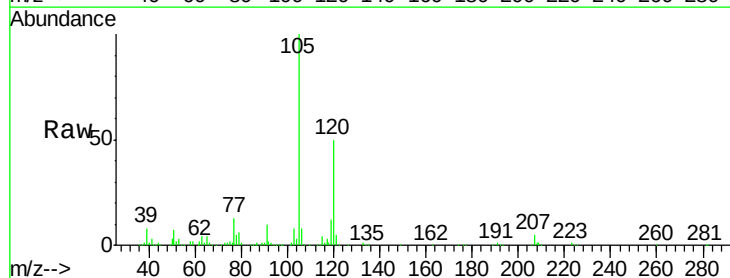
Acq: 29 Jun 2020 11:31

Tgt Ion: 105 Resp: 186253

Ion Ratio Lower Upper

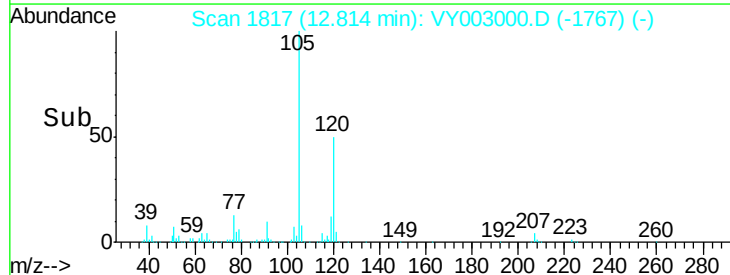
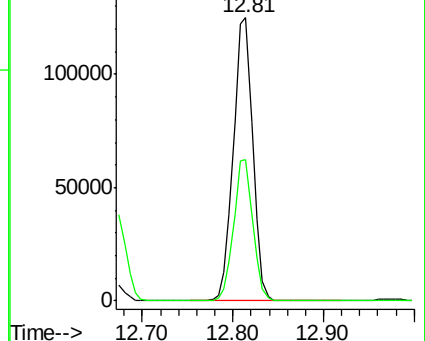
105 100

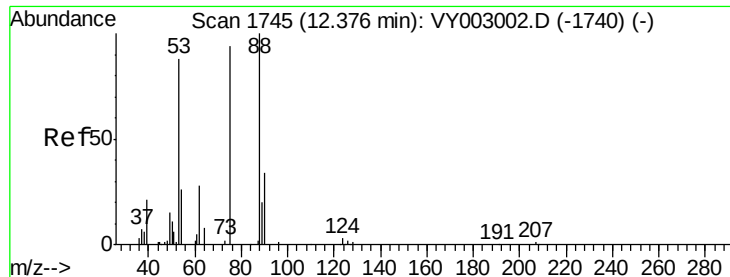
120 49.3 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 10.373 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

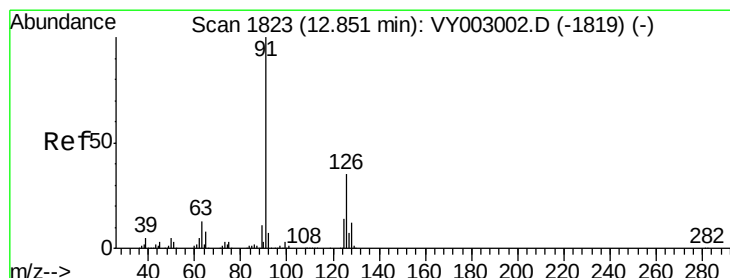
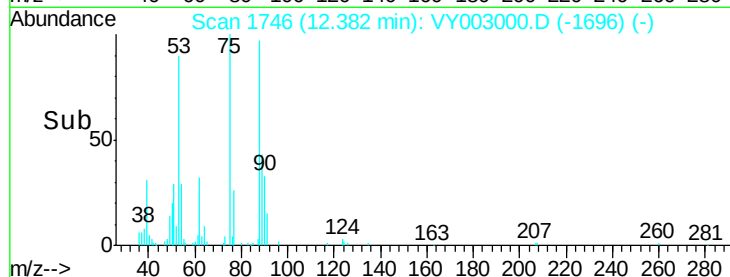
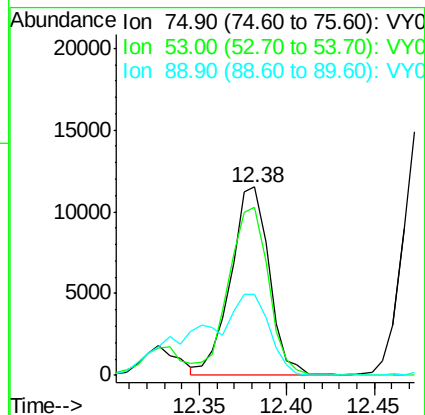
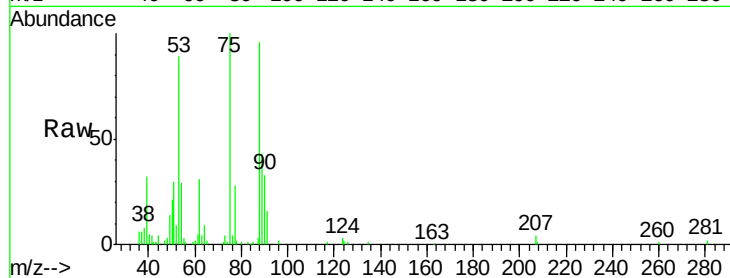
Tgt Ion: 75 Resp: 17687

Ion Ratio Lower Upper

75 100

53 91.7 73.9 110.9

89 81.5 37.5 56.3#



#82

4-Chlorotoluene

Concen: 10.319 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003000.D

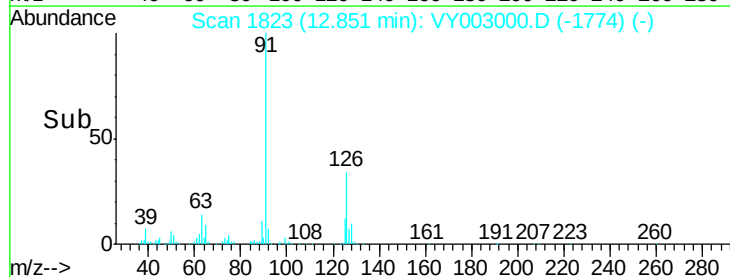
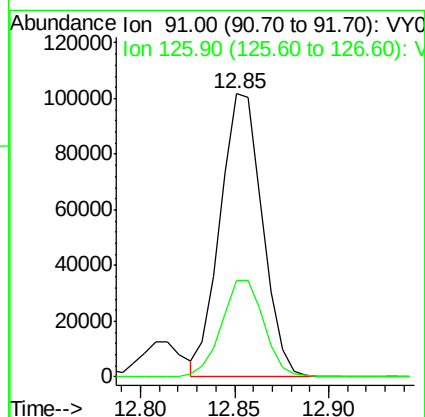
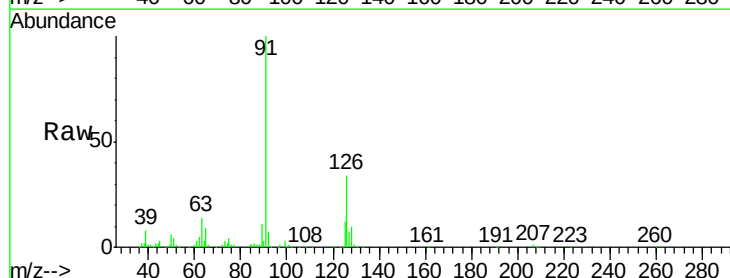
Acq: 29 Jun 2020 11:31

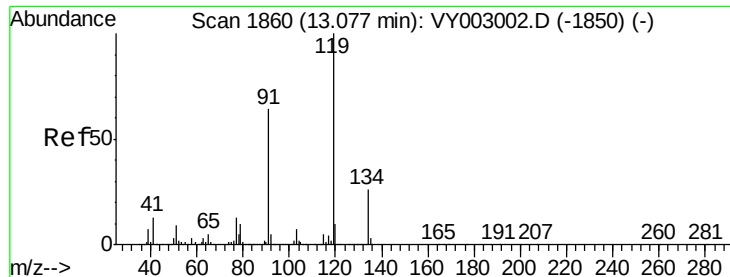
Tgt Ion: 91 Resp: 158217

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.3

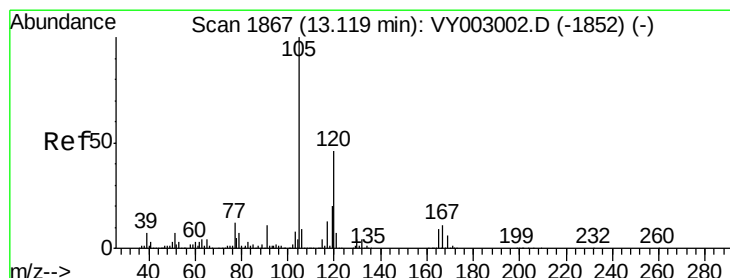
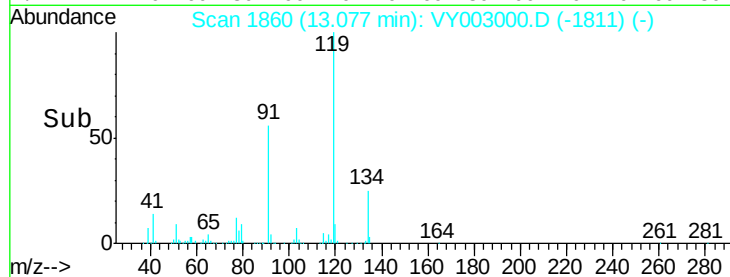
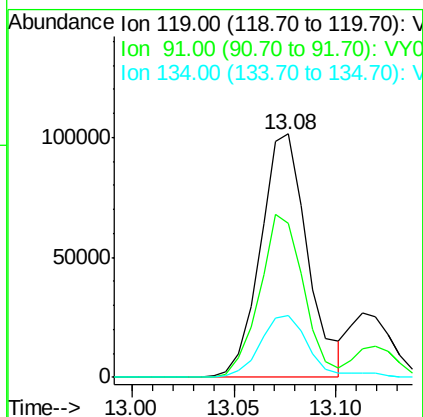
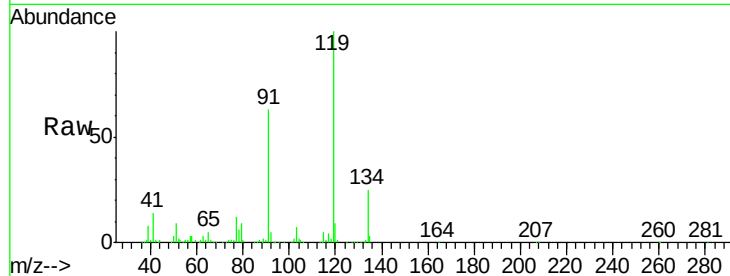




#83
 tert-Butylbenzene
 Concen: 10.074 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

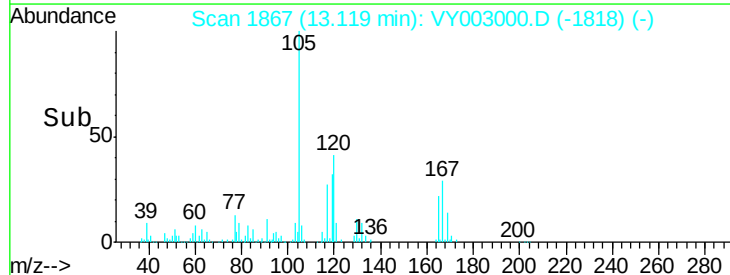
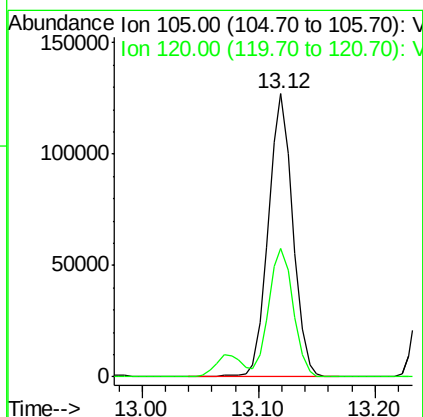
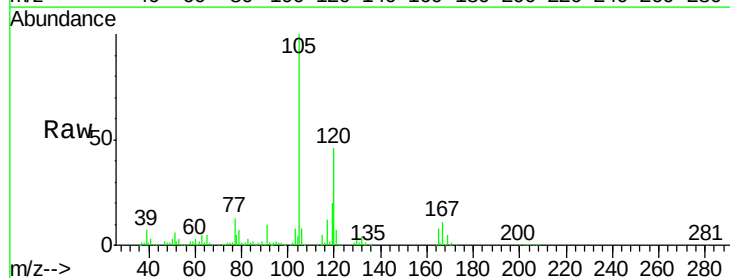
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

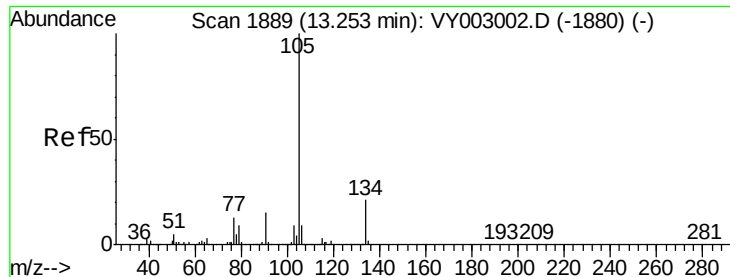
Tgt Ion:119 Resp: 162837
 Ion Ratio Lower Upper
 119 100
 91 62.9 31.6 95.0
 134 26.5 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 10.052 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion:105 Resp: 186452
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8

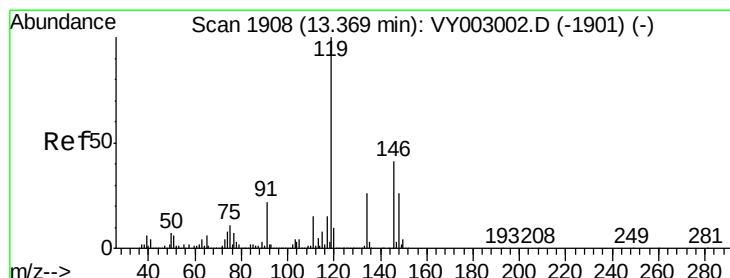
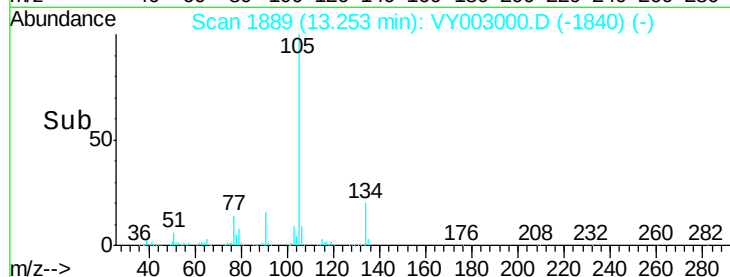
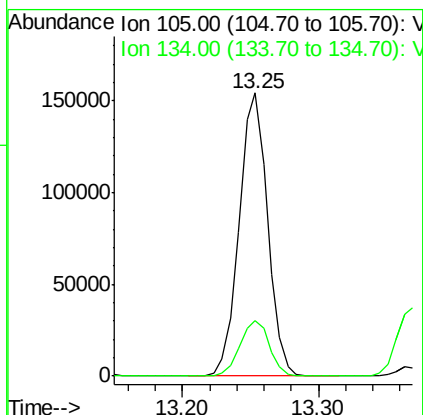
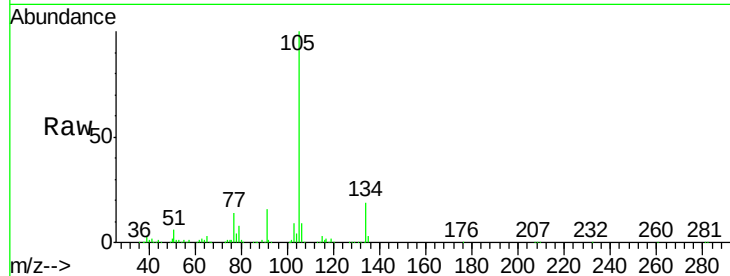




#85
 sec-Butylbenzene
 Concen: 10.081 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

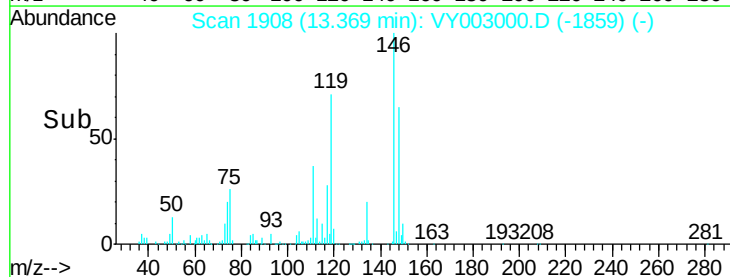
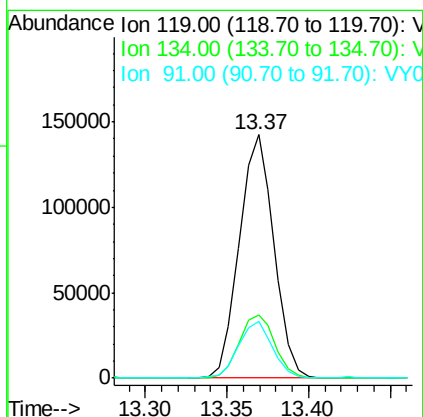
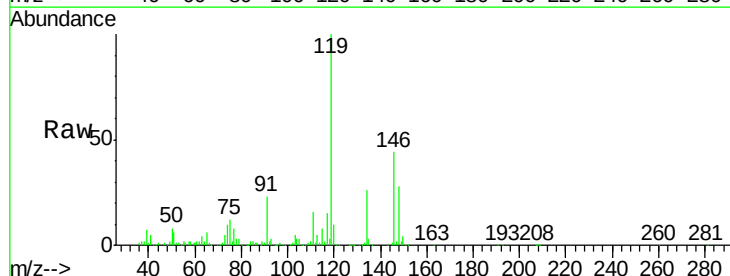
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

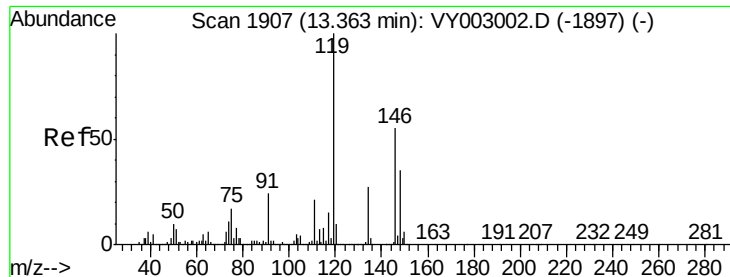
Tgt Ion:105 Resp: 224588
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 10.153 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion:119 Resp: 209597
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 22.7 11.5 34.5

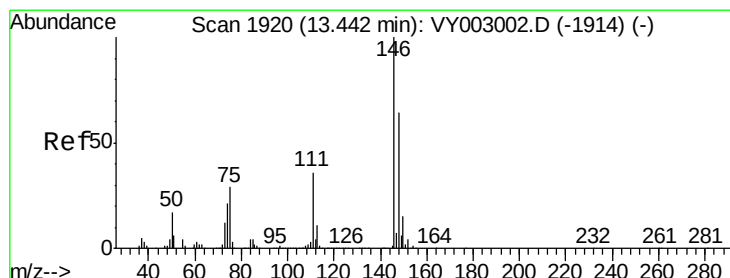
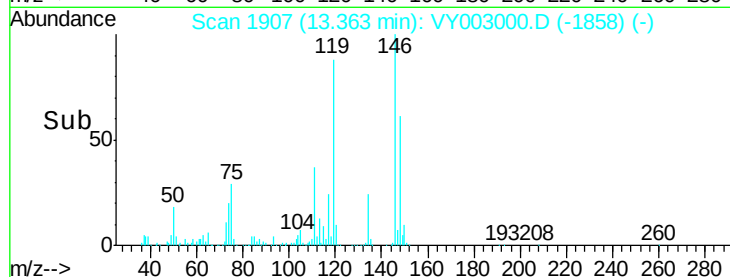
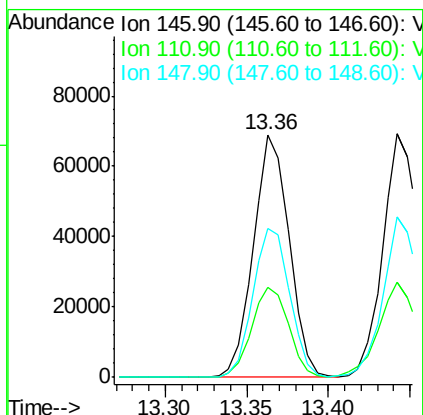
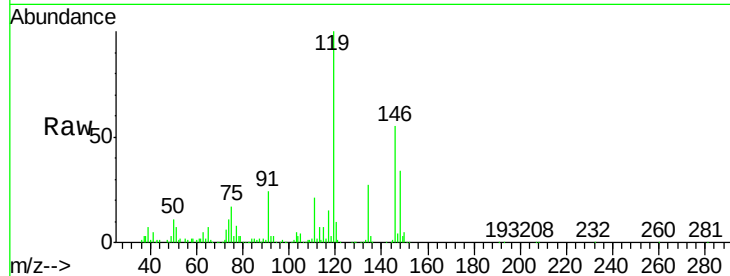




#87
 1,3-Dichlorobenzene
 Concen: 10.054 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

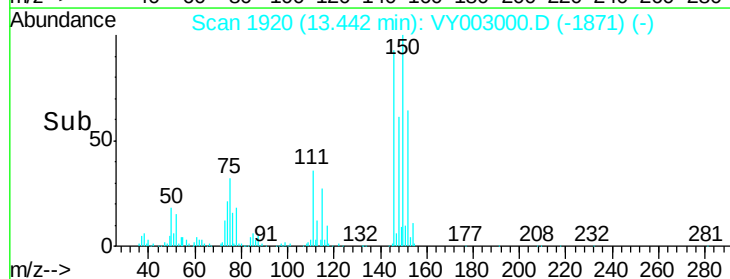
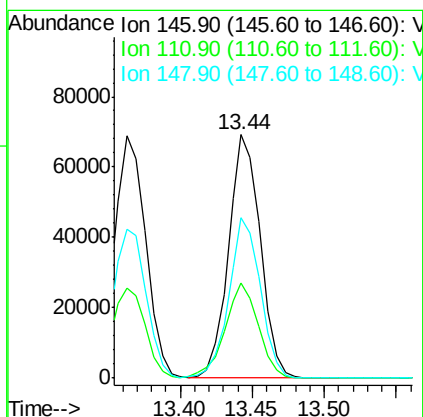
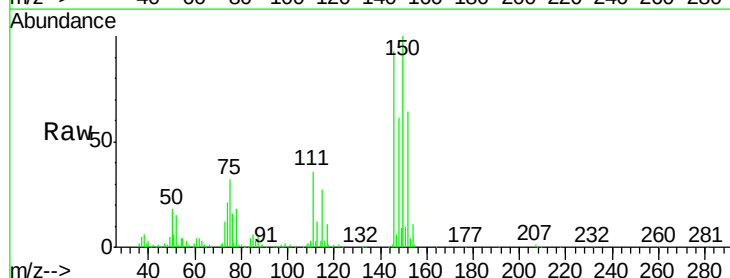
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

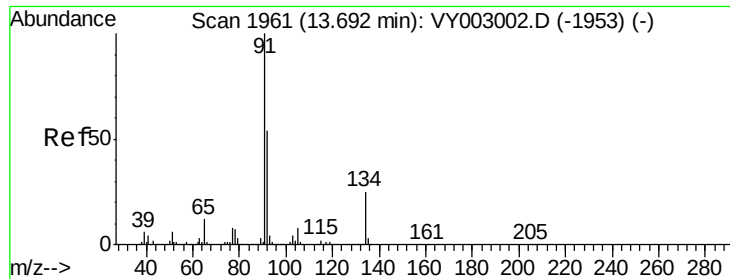
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	63.1	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 10.303 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	18.4	55.4
148	65.6	32.3	96.9

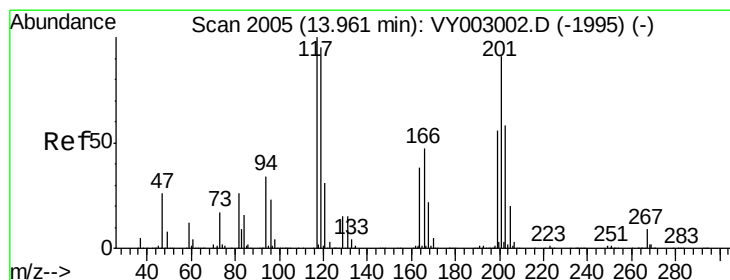
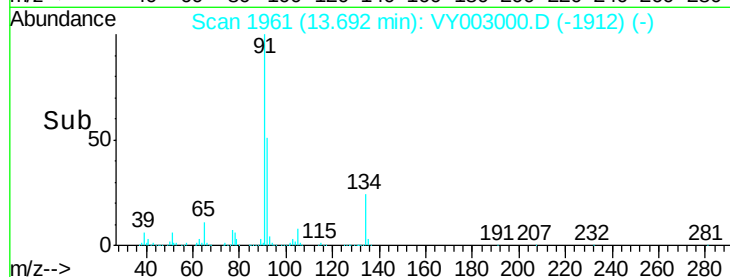
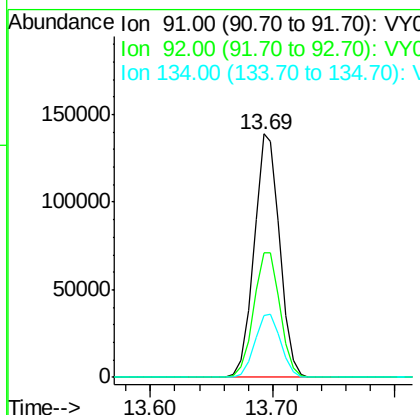
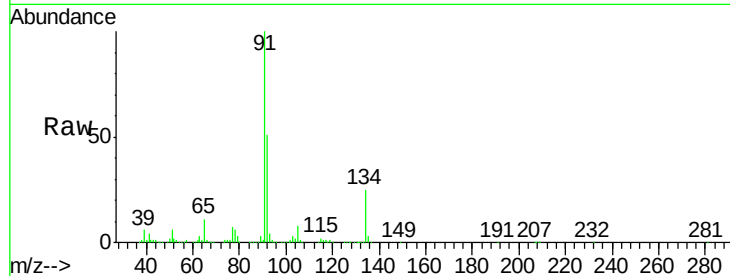




#89
n-Butylbenzene
Concen: 10.207 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

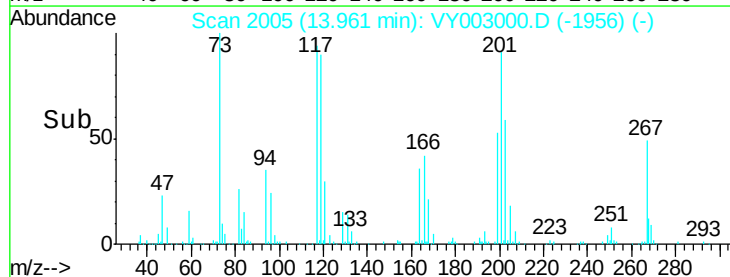
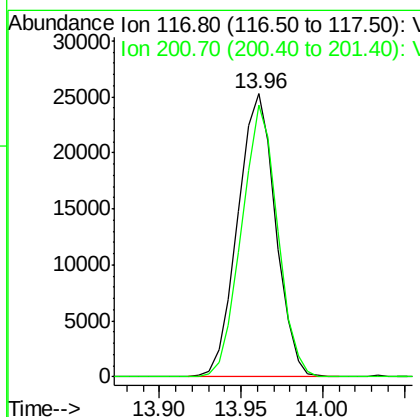
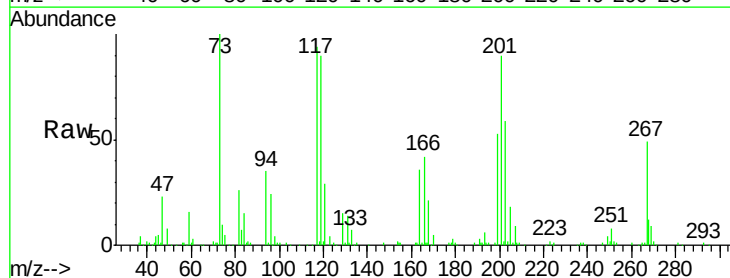
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

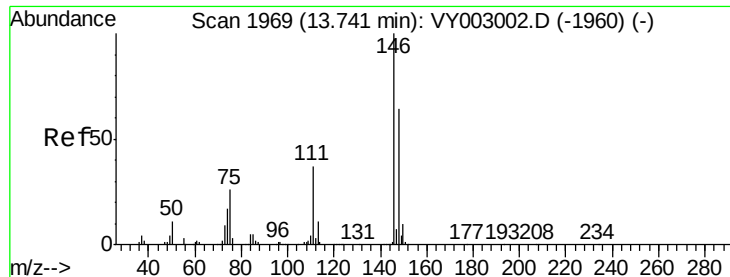
Tgt Ion: 91 Resp: 201620
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.3
134 26.4 13.1 39.1



#90
Hexachloroethane
Concen: 9.969 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 117 Resp: 40866
Ion Ratio Lower Upper
117 100
201 91.0 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 10.348 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

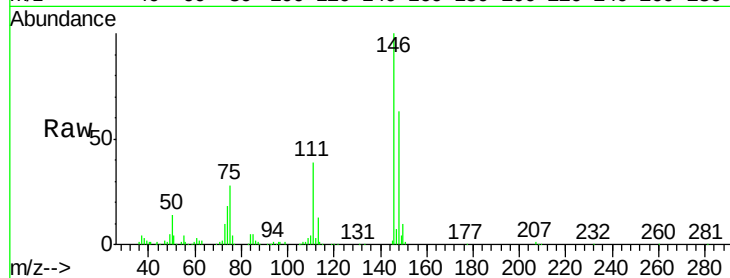
Tgt Ion:146 Resp: 97490

Ion Ratio Lower Upper

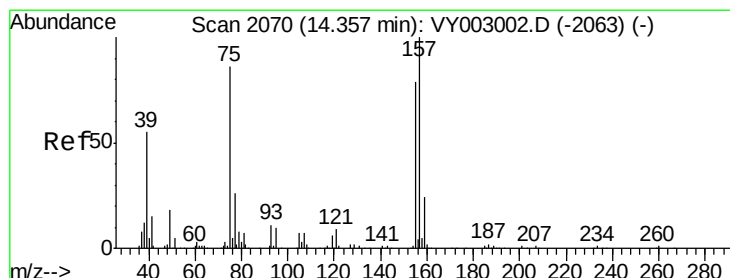
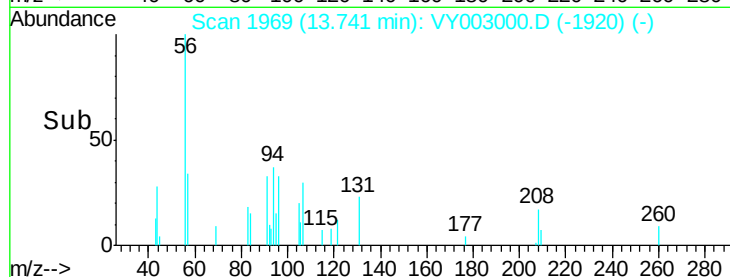
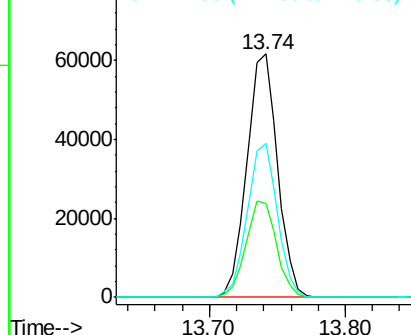
146 100

111 39.5 19.1 57.5

148 62.2 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.959 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

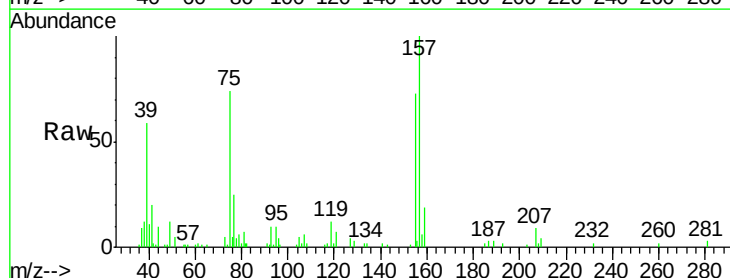
Tgt Ion: 75 Resp: 7805

Ion Ratio Lower Upper

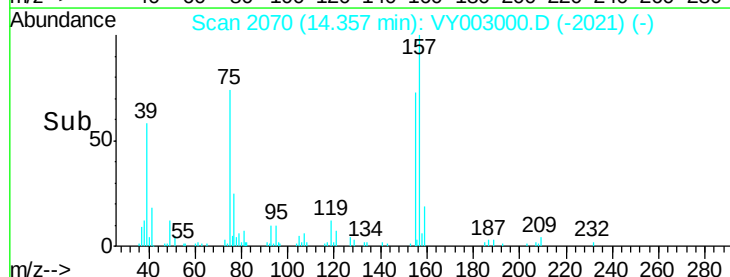
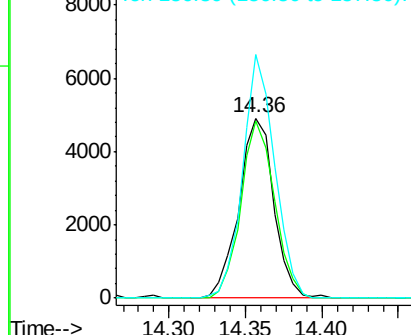
75 100

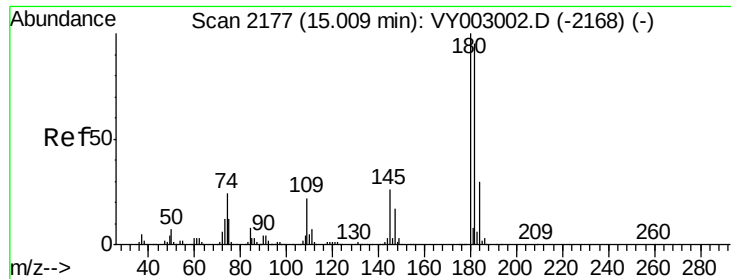
155 94.5 46.5 139.3

157 123.5 59.2 177.5



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

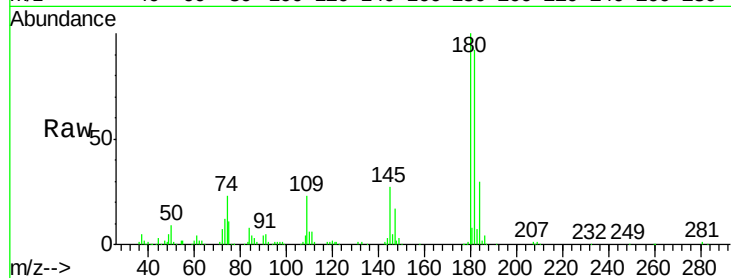




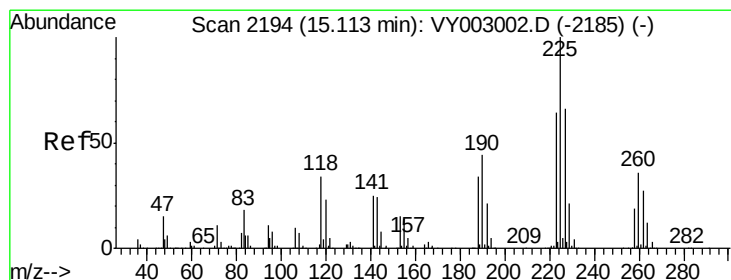
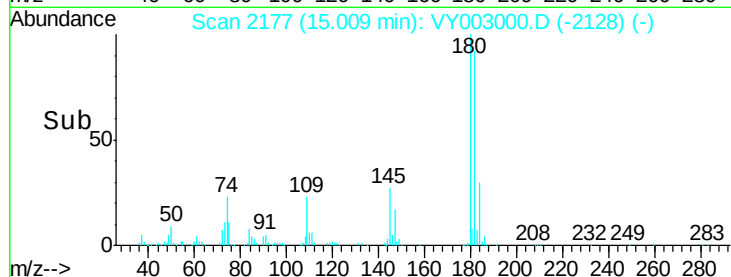
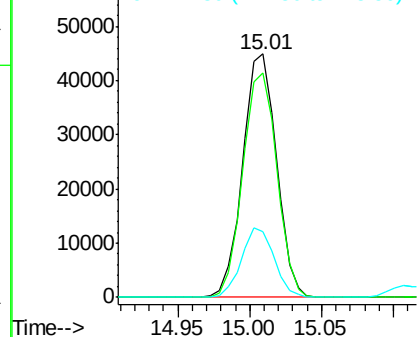
#93
 1,2,4-Trichlorobenzene
 Concen: 10.418 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 72933
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.1 144.3
 145 27.8 13.9 41.6

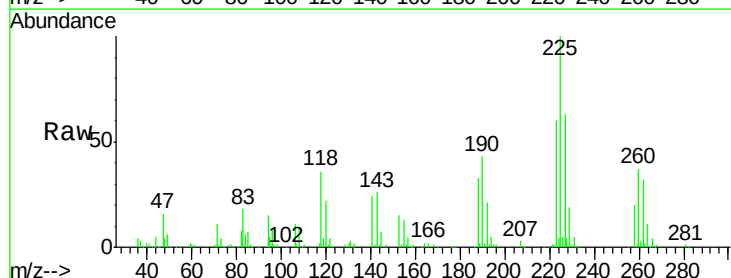


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

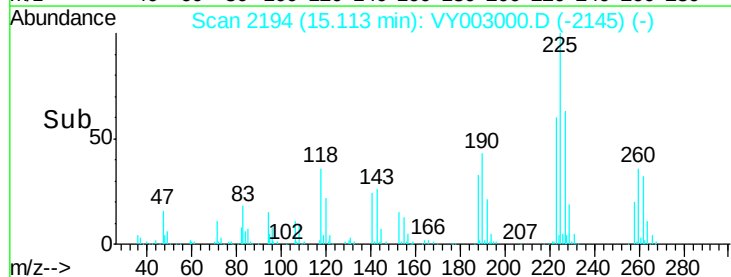
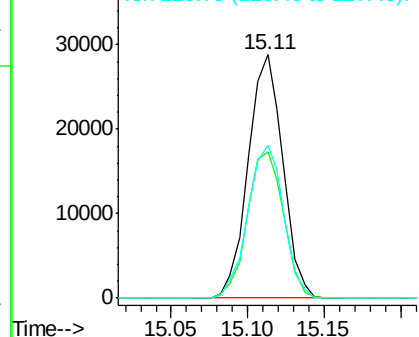


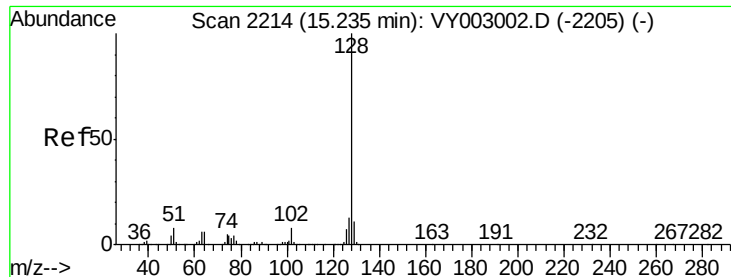
#94
 Hexachlorobutadiene
 Concen: 10.272 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion:225 Resp: 45359
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.0
 227 64.7 32.4 97.2



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

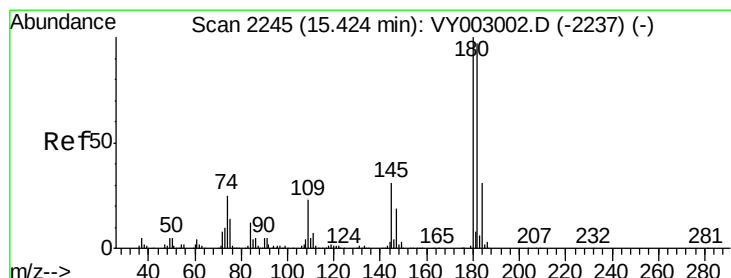
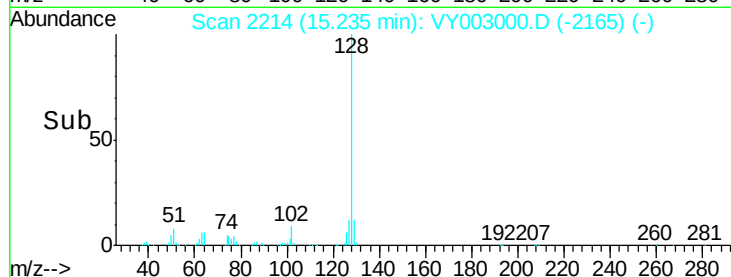
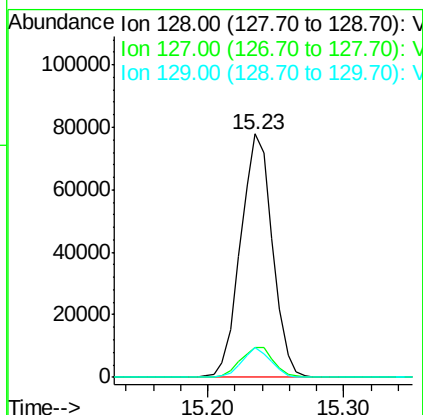
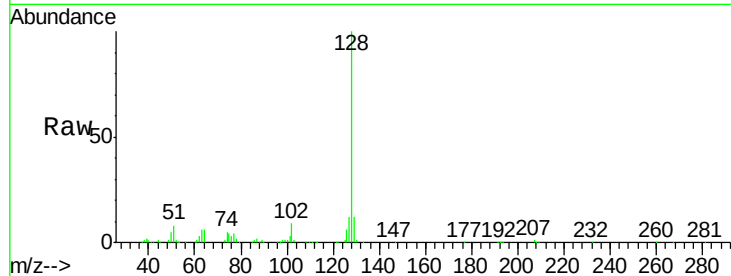




#95
Naphthalene
Concen: 9.922 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 126873
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 10.357 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion:180 Resp: 62961
Ion Ratio Lower Upper
180 100
182 92.9 47.8 143.3
145 29.7 14.7 44.1

