

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003136.D
 Acq On : 08 Jul 2020 15:09
 Operator : SY/MD
 Sample : VY0708SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Quant Time: Jul 09 02:30:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	405236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	577864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	528489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	285376	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	182507	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	7.72	113	181430	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.18	98	679289	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.48	95	241969	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	56240	18.325	ug/l 98
3) Chloromethane	2.12	50	80168	17.838	ug/l 99
4) Vinyl Chloride	2.26	62	86718	19.782	ug/l 96
5) Bromomethane	2.65	94	66852	22.461	ug/l 97
6) Chloroethane	2.79	64	58846	21.101	ug/l 97
7) Trichlorofluoromethane	3.13	101	134552	21.746	ug/l 99
8) Diethyl Ether	3.54	74	44843	21.141	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80791	21.868	ug/l 99
10) Methyl Iodide	4.10	142	93339	20.375	ug/l 99
11) Tert butyl alcohol	4.97	59	39983	97.478	ug/l 100
12) 1,1-Dichloroethene	3.88	96	74532	21.203	ug/l 88
13) Acrolein	3.74	56	28735	78.000	ug/l 100
14) Allyl chloride	4.49	41	110424	17.992	ug/l 97
15) Acrylonitrile	5.18	53	102583	93.838	ug/l 98
16) Acetone	3.96	43	80429	84.730	ug/l 97
17) Carbon Disulfide	4.20	76	217854	19.398	ug/l 98
18) Methyl Acetate	4.48	43	49118	19.206	ug/l 95
19) Methyl tert-butyl Ether	5.22	73	207860	20.286	ug/l 99
20) Methylene Chloride	4.72	84	117886	24.239	ug/l 91
21) trans-1,2-Dichloroethene	5.23	96	83426	20.982	ug/l 93
22) Diisopropyl ether	6.13	45	246717	18.756	ug/l 97
23) Vinyl Acetate	6.07	43	807060	91.770	ug/l 98
24) 1,1-Dichloroethane	6.02	63	145938	20.310	ug/l 99
25) 2-Butanone	6.99	43	131091	86.937	ug/l 98
26) 2,2-Dichloropropane	6.99	77	129577	19.848	ug/l 98
27) cis-1,2-Dichloroethene	7.00	96	94411	21.170	ug/l 94
28) Bromochloromethane	7.34	49	55720	17.428	ug/l 86
29) Tetrahydrofuran	7.36	42	92415	92.162	ug/l 93
30) Chloroform	7.51	83	151054	21.220	ug/l 99
31) Cyclohexane	7.79	56	134709	19.030	ug/l 90
32) 1,1,1-Trichloroethane	7.71	97	137506	21.162	ug/l 98
36) 1,1-Dichloropropene	7.92	75	117379	21.088	ug/l 97
37) Ethyl Acetate	7.08	43	62200	18.585	ug/l 98
38) Carbon Tetrachloride	7.90	117	122798	21.204	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	146479	21.225	ug/l	98
40) Benzene	8.16	78	329832	21.644	ug/l	99
41) Methacrylonitrile	7.35	41	85930	48.066	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	100071	20.758	ug/l	99
43) Isopropyl Acetate	8.28	43	122263	19.217	ug/l	95
44) Trichloroethene	8.94	130	101041	22.812	ug/l	98
45) 1,2-Dichloropropane	9.22	63	84920	20.713	ug/l	95
46) Dibromomethane	9.31	93	48857	21.337	ug/l	97
47) Bromodichloromethane	9.50	83	119059	21.234	ug/l	99
48) Methyl methacrylate	9.30	41	52916	18.273	ug/l	90
49) 1,4-Dioxane	9.30	88	11888	425.306	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	319869	97.273	ug/l	98
52) Toluene	10.25	92	211589	22.057	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	118652	20.184	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	139647	20.772	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	71063	22.334	ug/l	99
56) Ethyl methacrylate	10.51	69	93143	20.222	ug/l	94
57) 1,3-Dichloropropane	10.79	76	118026	21.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	220124	93.183	ug/l	98
59) 2-Hexanone	10.83	43	219491	95.495	ug/l	97
60) Dibromochloromethane	10.99	129	89533	21.988	ug/l	98
61) 1,2-Dibromoethane	11.09	107	70434	22.453	ug/l	96
64) Tetrachloroethene	10.72	164	113774	25.437	ug/l	99
65) Chlorobenzene	11.52	112	233311	22.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	89555	22.012	ug/l	98
67) Ethyl Benzene	11.59	91	417944	21.923	ug/l	98
68) m/p-Xylenes	11.70	106	316909	44.664	ug/l	98
69) o-Xylene	12.03	106	148261	22.174	ug/l	95
70) Styrene	12.05	104	250247	21.908	ug/l	98
71) Bromoform	12.21	173	58069	21.405	ug/l #	99
73) Isopropylbenzene	12.33	105	408017	21.846	ug/l	99
74) N-amyl acetate	12.14	43	111371	18.317	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	75629	20.066	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	107492	38.059	ug/l #	100
77) Bromobenzene	12.61	156	104349	21.791	ug/l	96
78) n-propylbenzene	12.67	91	485901	21.633	ug/l	99
79) 2-Chlorotoluene	12.75	91	270436	21.570	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	346107	22.084	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28829	19.859	ug/l	96
82) 4-Chlorotoluene	12.86	91	279476	21.410	ug/l	97
83) tert-Butylbenzene	13.08	119	297113	21.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	340837	21.582	ug/l	97
85) sec-Butylbenzene	13.25	105	421116	22.201	ug/l	99
86) p-Isopropyltoluene	13.37	119	390099	22.195	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	198243	22.174	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	199038	22.577	ug/l	99
89) n-Butylbenzene	13.70	91	370672	22.042	ug/l	99
90) Hexachloroethane	13.96	117	70986	20.339	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	175584	21.890	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13258	19.871	ug/l	98

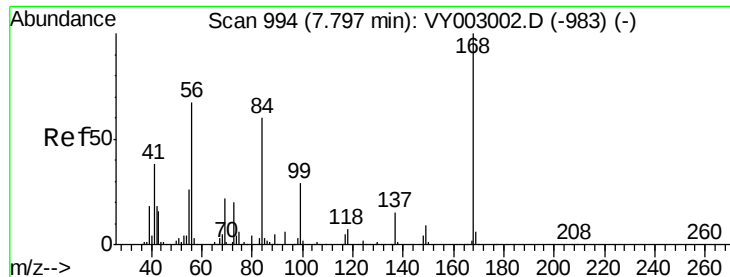
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	128698	21.592	ug/l	98
94) Hexachlorobutadiene	15.11	225	87394	23.246	ug/l	98
95) Naphthalene	15.23	128	214926	19.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	105551	20.394	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

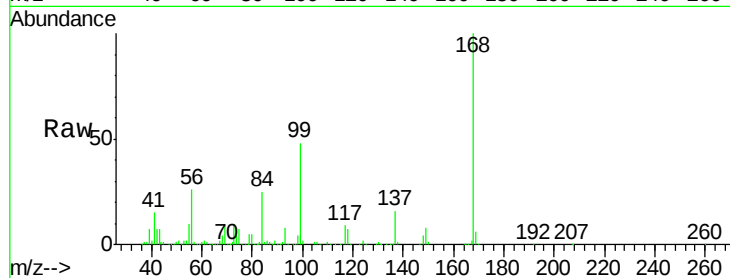
VY0708SBS01

Tot Ion:168 Resp: 405236

Ion Ratio Lower Upper

168 100

99 47.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

150000

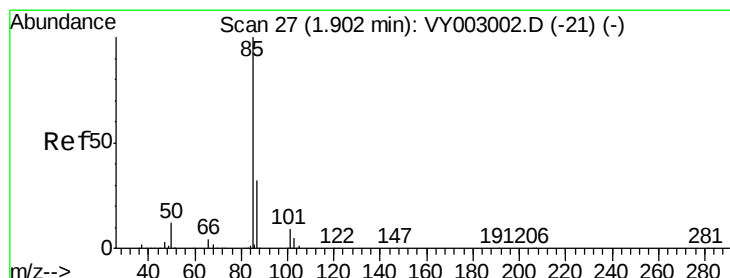
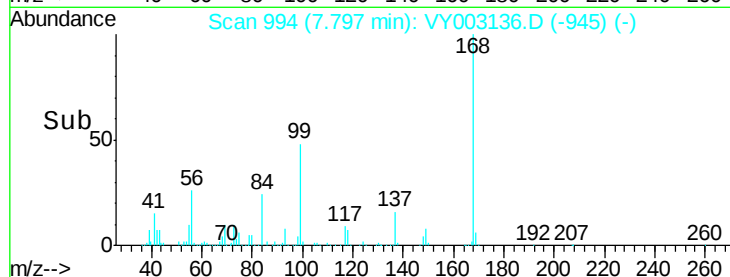
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.325 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003136.D

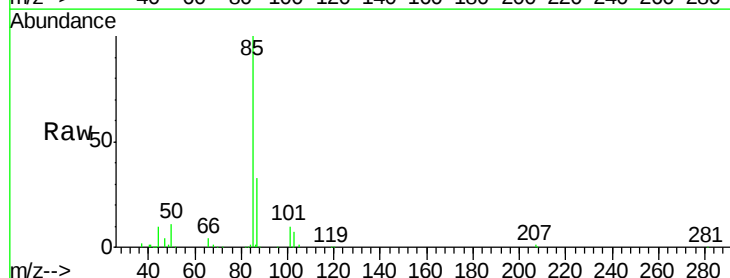
Acq: 08 Jul 2020 15:09

Tgt Ion: 85 Resp: 56240

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

40000

30000

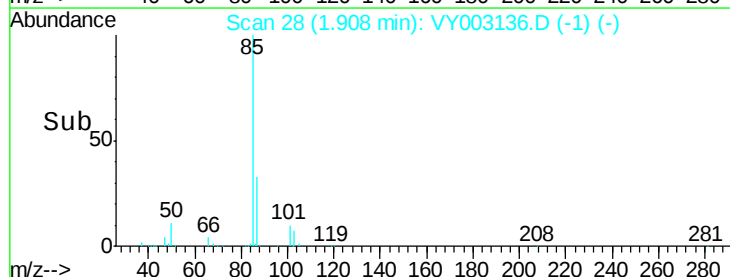
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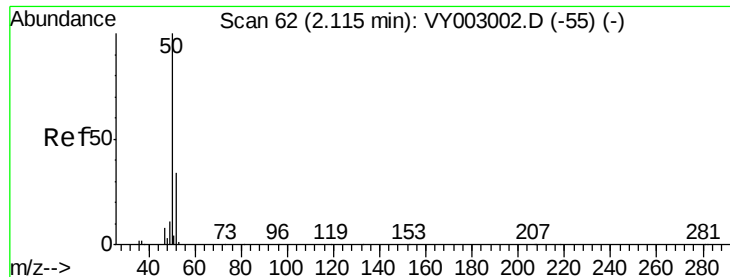
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.838 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

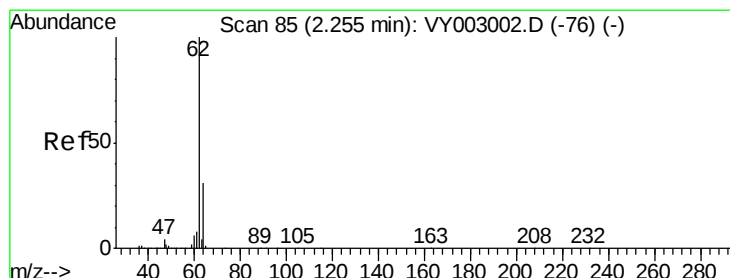
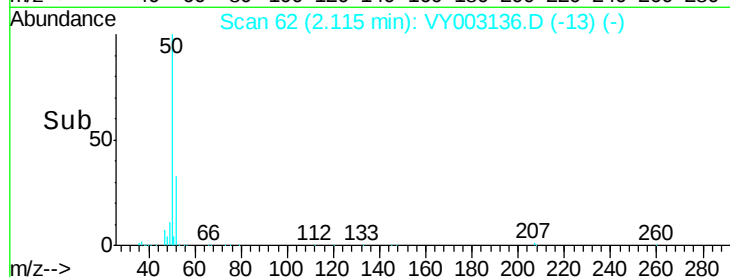
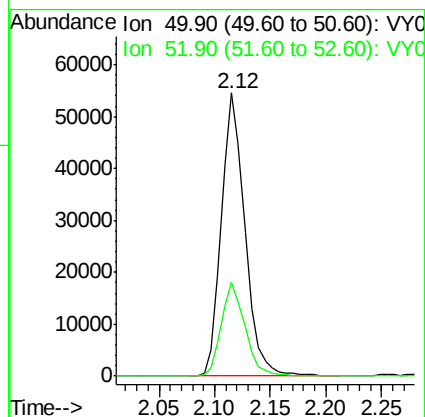
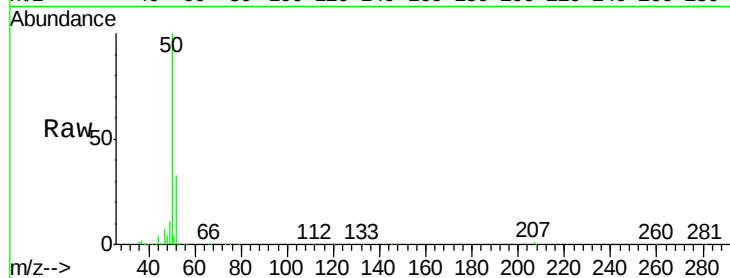
VY0708SBS01

Tot Ion: 50 Resp: 80168

Ion Ratio Lower Upper

50 100

52 33.1 26.9 40.3



#4

Vinyl Chloride

Concen: 19.782 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003136.D

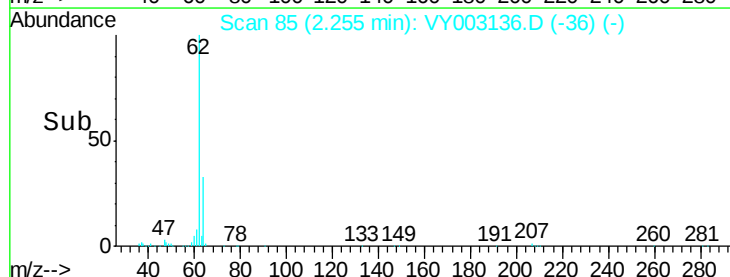
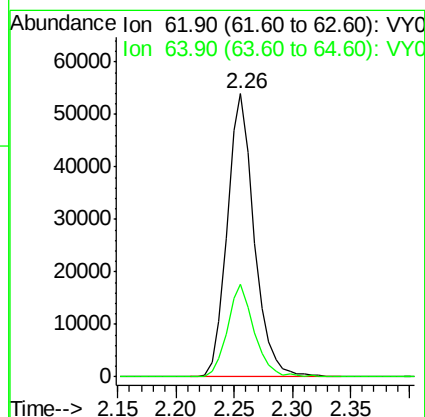
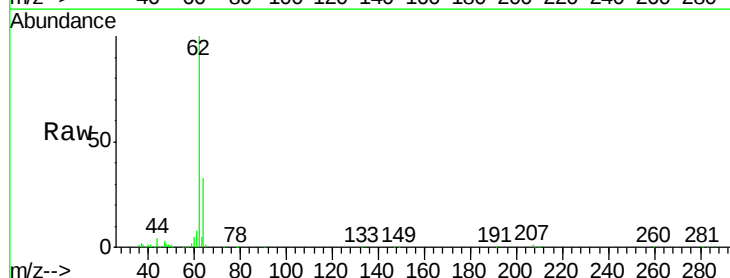
Acq: 08 Jul 2020 15:09

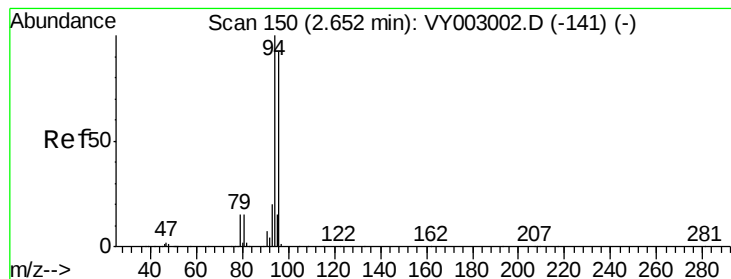
Tgt Ion: 62 Resp: 86718

Ion Ratio Lower Upper

62 100

64 32.6 24.4 36.6





#5

Bromomethane

Concen: 22.461 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

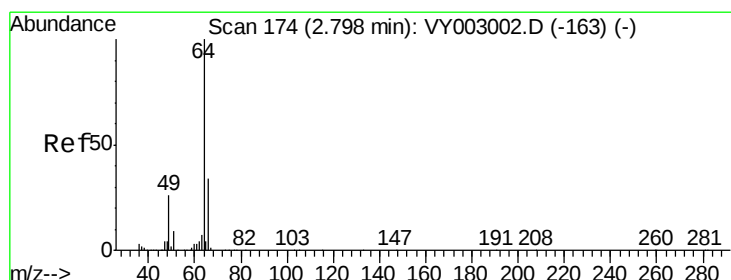
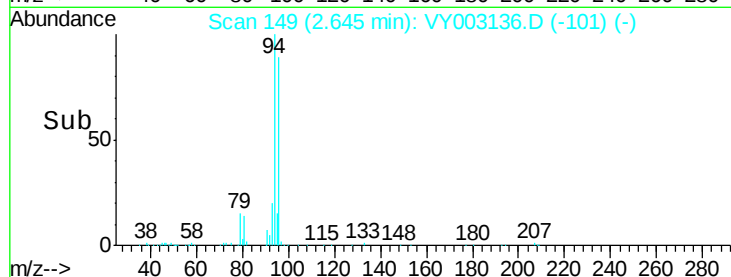
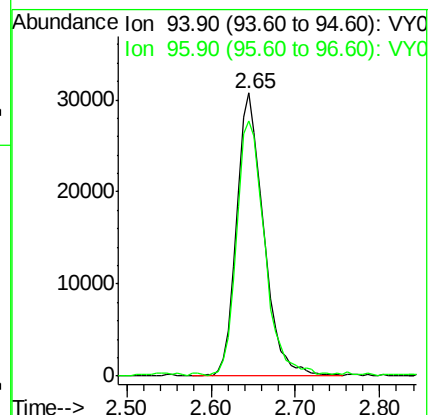
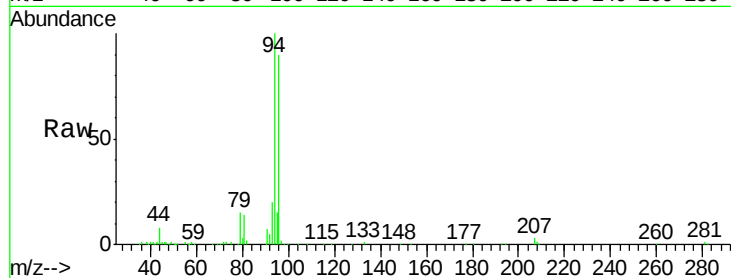
VY0708SBS01

Tot Ion: 94 Resp: 66852

Ion Ratio Lower Upper

94 100

96 89.2 73.4 110.2



#6

Chloroethane

Concen: 21.101 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003136.D

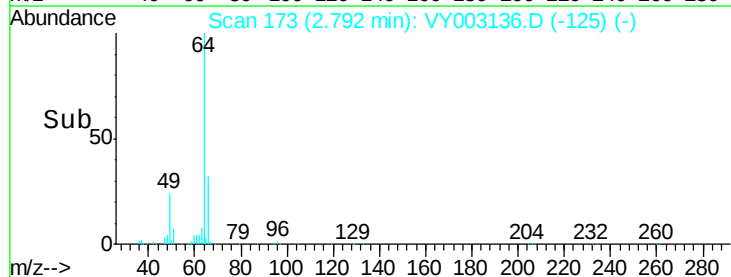
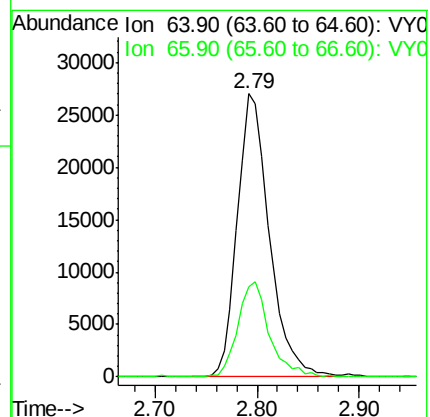
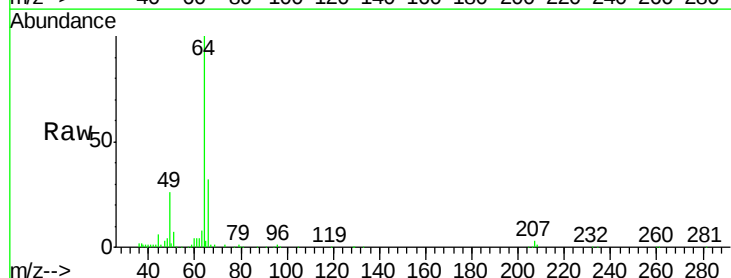
Acq: 08 Jul 2020 15:09

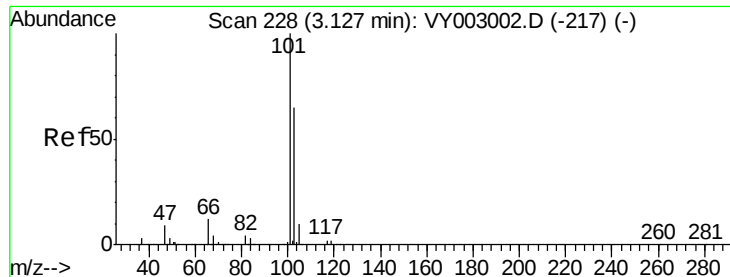
Tgt Ion: 64 Resp: 58846

Ion Ratio Lower Upper

64 100

66 31.9 27.0 40.4



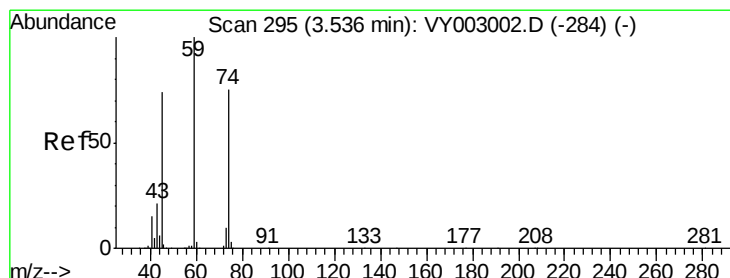
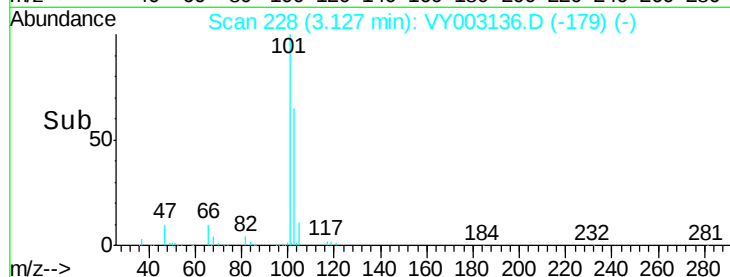
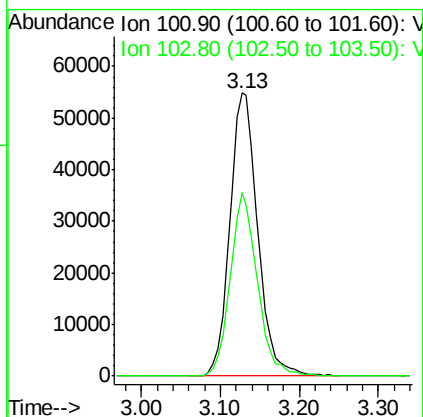
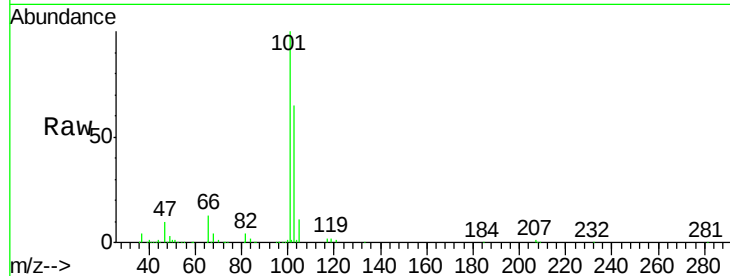


#7

Trichlorofluoromethane
Concen: 21.746 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

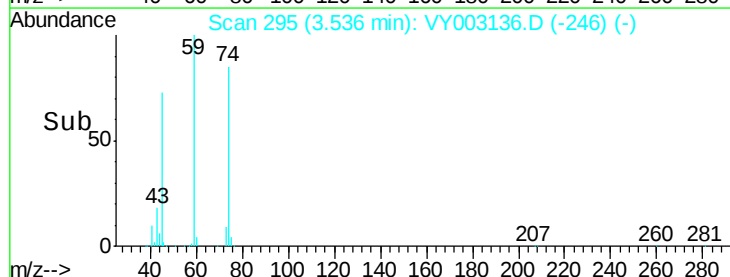
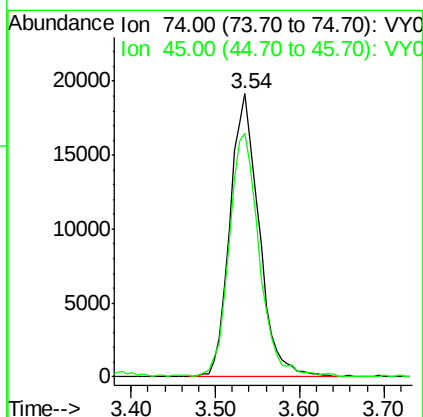
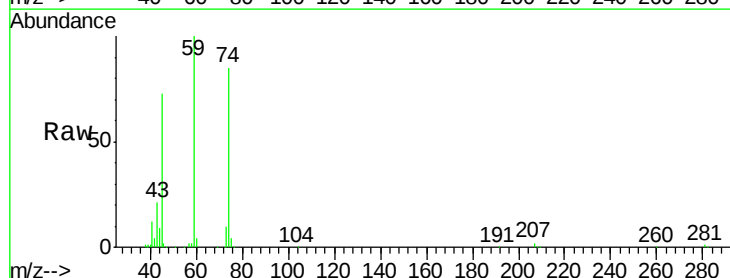
Tot Ion:101 Resp: 134552
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

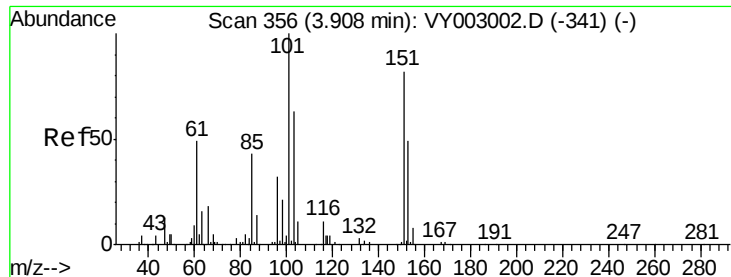


#8

Diethyl Ether
Concen: 21.141 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 74 Resp: 44843
Ion Ratio Lower Upper
74 100
45 87.7 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.868 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

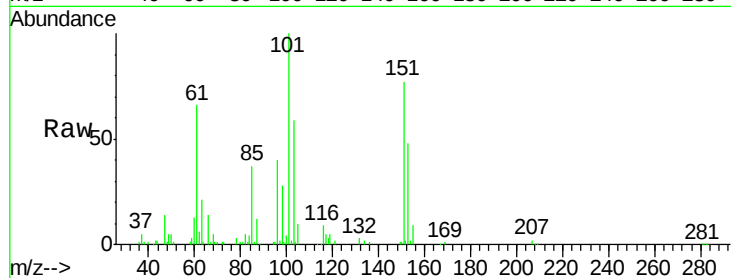
Tot Ion:101 Resp: 80791

Ion Ratio Lower Upper

101 100

85 43.6 35.5 53.3

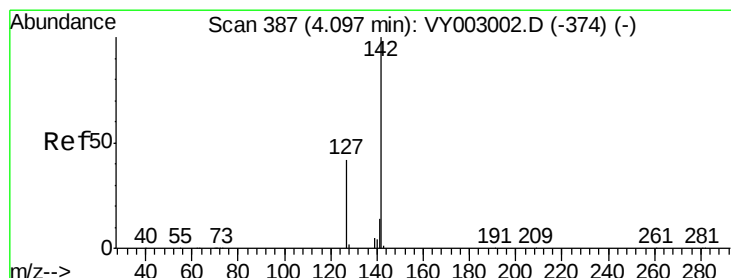
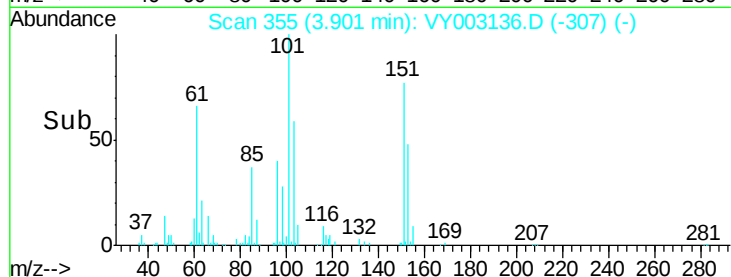
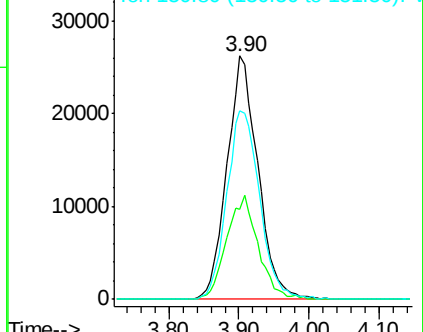
151 82.1 65.5 98.3



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: 20.375 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

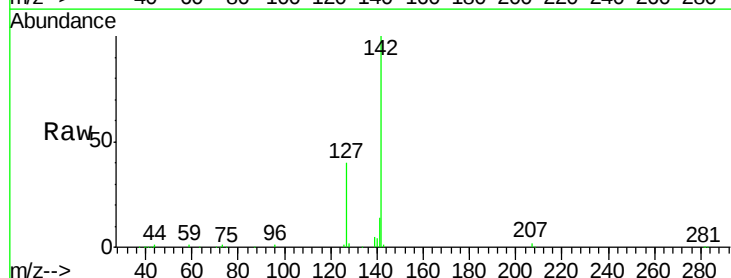
Tgt Ion:142 Resp: 93339

Ion Ratio Lower Upper

142 100

127 41.6 34.2 51.2

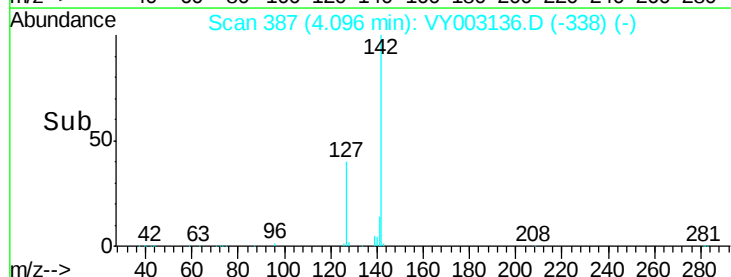
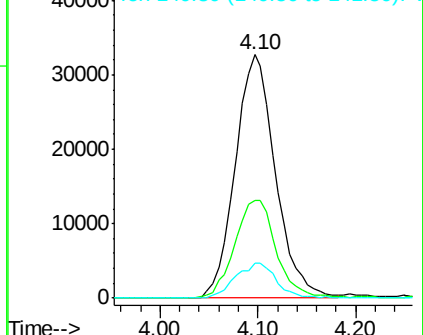
141 14.8 11.7 17.5

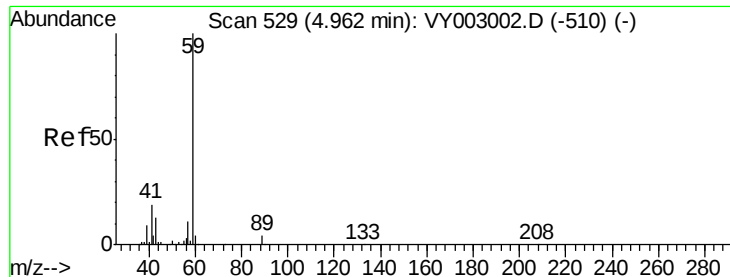


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



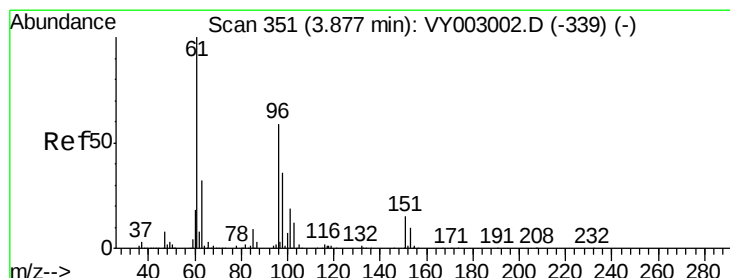
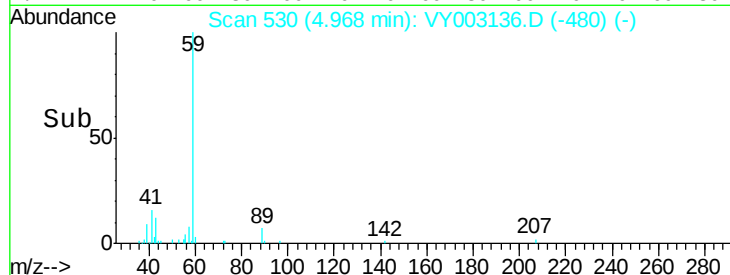
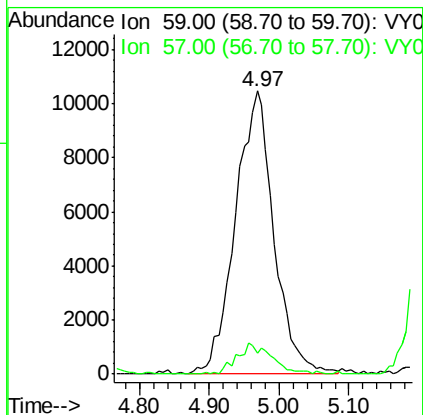
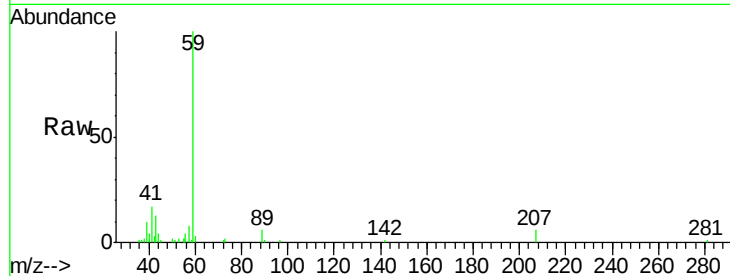


#11

Tert butyl alcohol
 Concen: 97.478 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

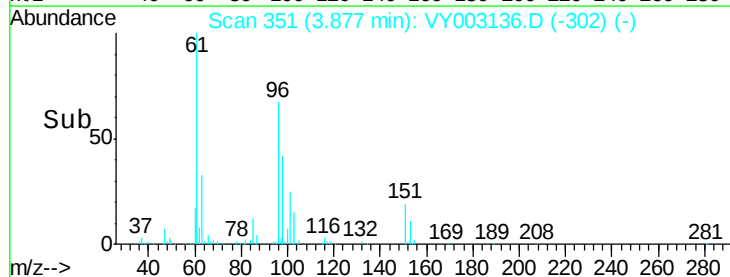
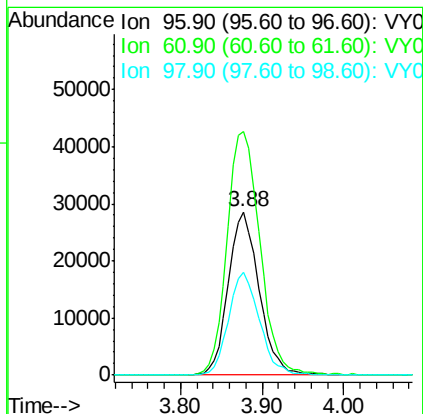
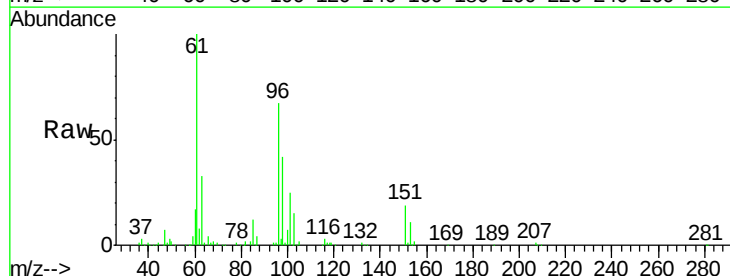
Tot Ion: 59 Resp: 39983
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.0 12.0

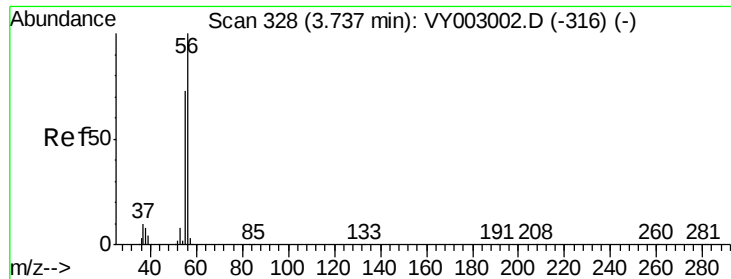


#12

1,1-Dichloroethene
 Concen: 21.203 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion: 96 Resp: 74532
 Ion Ratio Lower Upper
 96 100
 61 148.9 136.7 205.1
 98 62.6 49.7 74.5

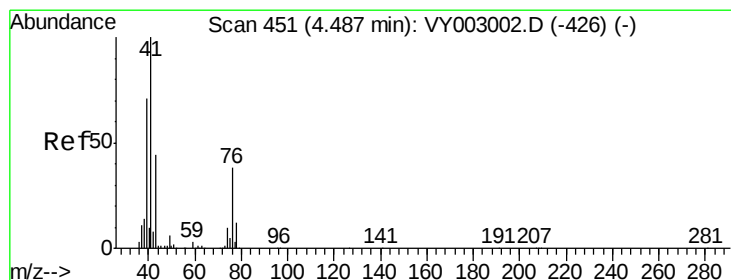
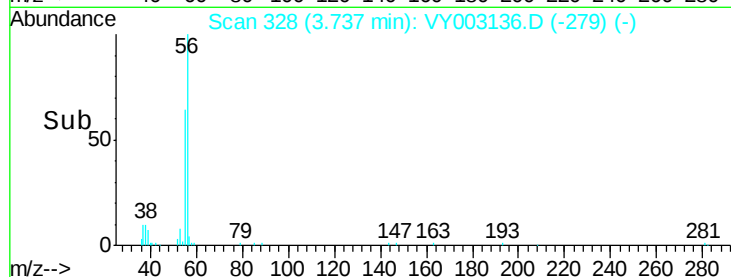
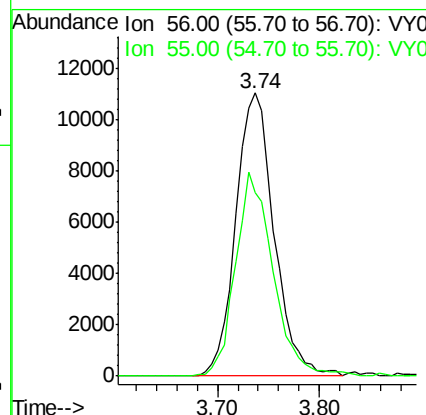
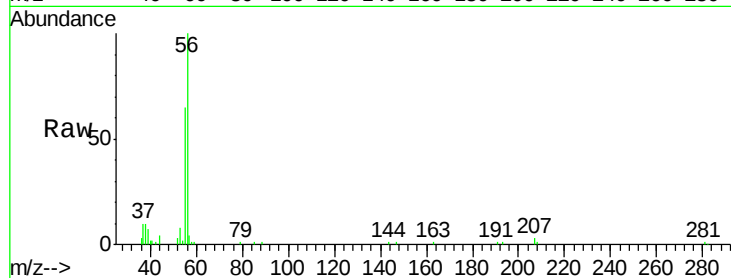




#13
 Acrolein
 Concen: 78.000 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

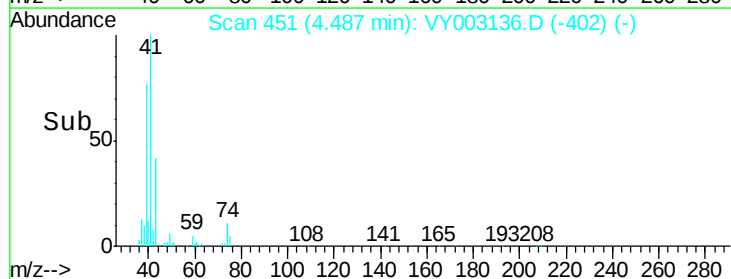
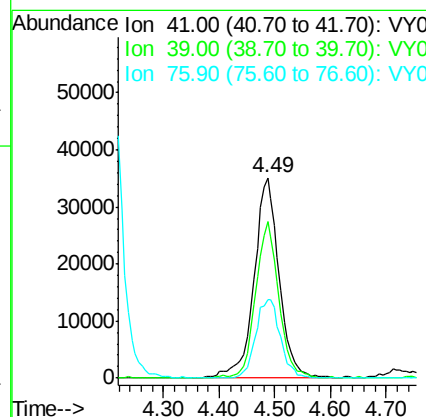
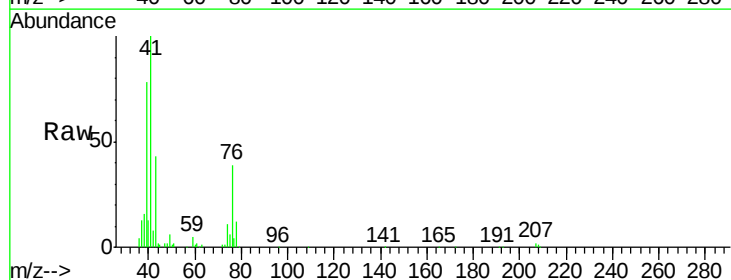
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

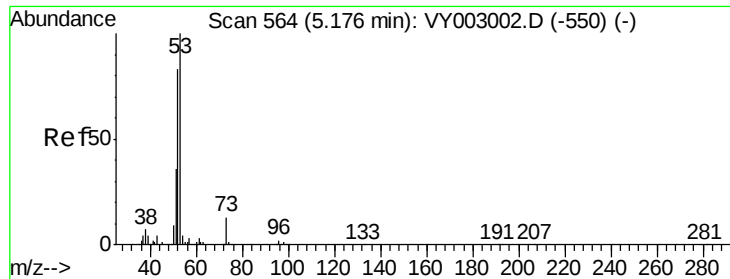
Tot Ion: 56 Resp: 28735
 Ion Ratio Lower Upper
 56 100
 55 70.9 56.4 84.6



#14
 Allyl chloride
 Concen: 17.992 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion: 41 Resp: 110424
 Ion Ratio Lower Upper
 41 100
 39 70.9 55.6 83.4
 76 38.7 28.6 43.0

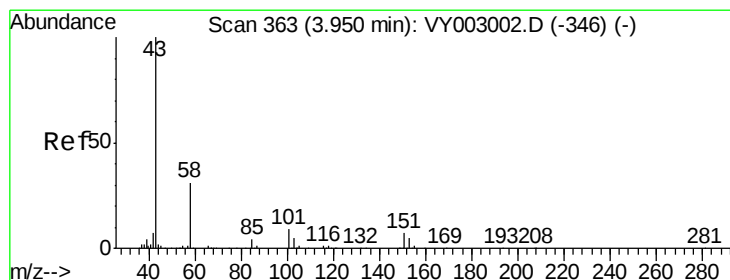
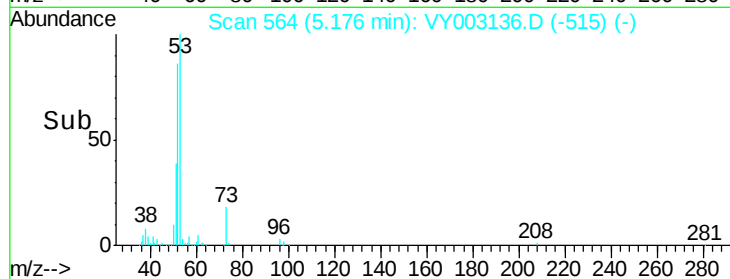
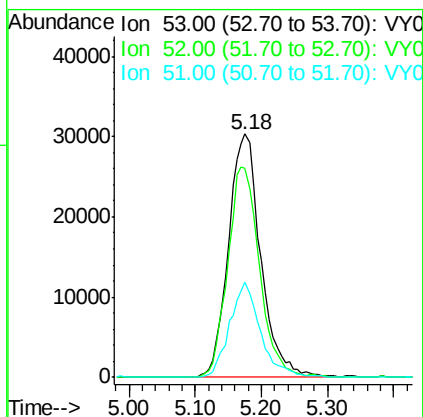
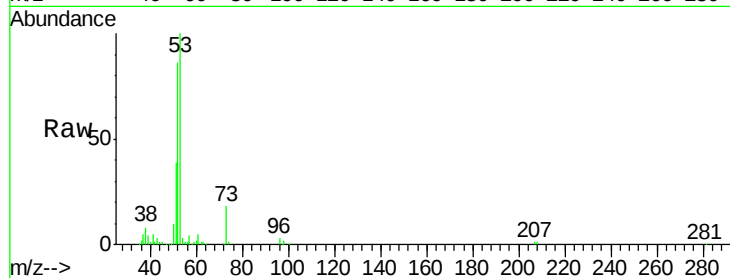




#15
 Acrylonitrile
 Concen: 93.838 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

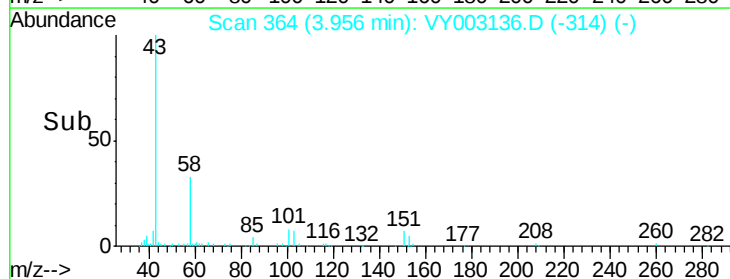
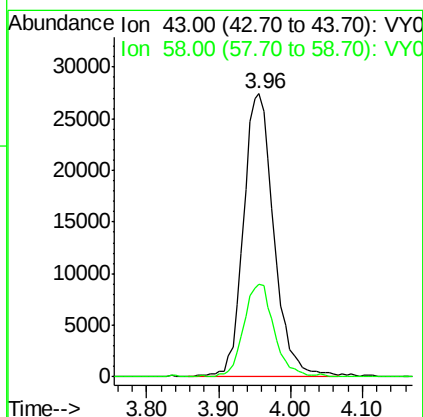
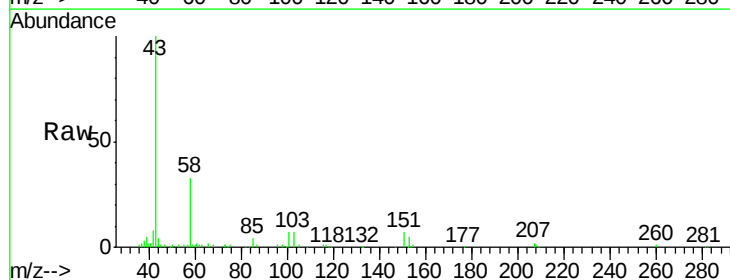
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

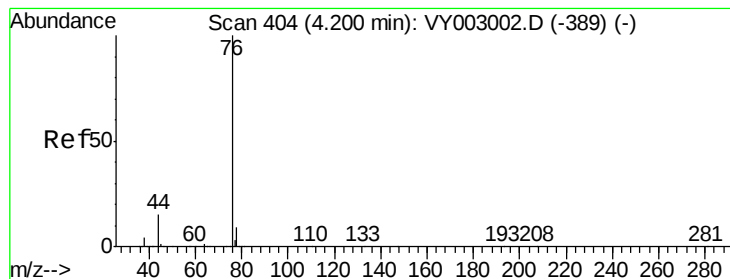
Tot Ion:	53	Resp:	102583
Ion	Ratio	Lower	Upper
53	100		
52	85.5	66.2	99.2
51	37.4	29.5	44.3



#16
 Acetone
 Concen: 84.730 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion:	43	Resp:	80429
Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.7	37.1





#17

Carbon Disulfide

Concen: 19.398 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

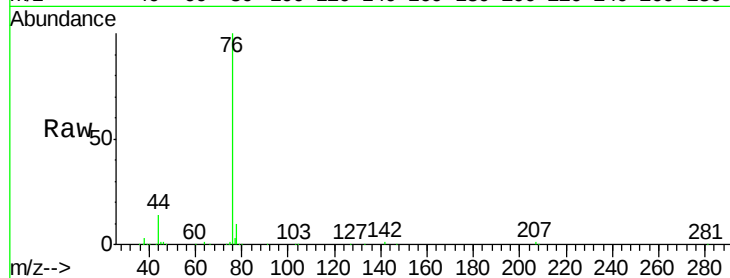
VY0708SBS01

Tot Ion: 76 Resp: 217854

Ion Ratio Lower Upper

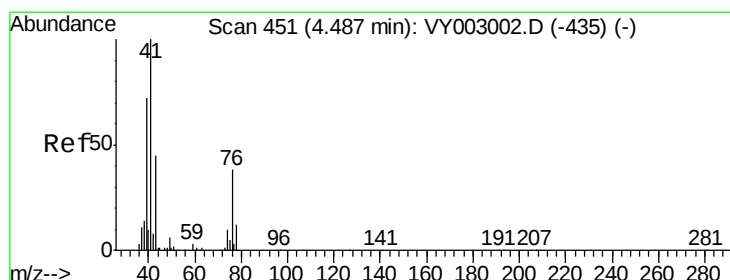
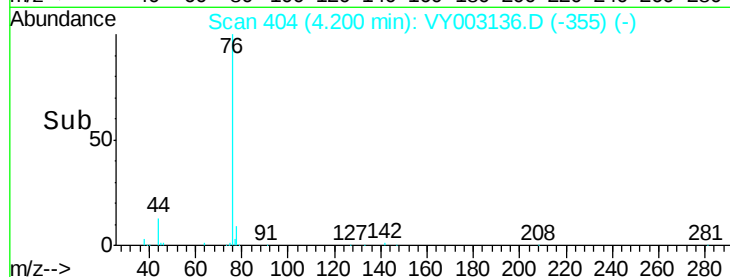
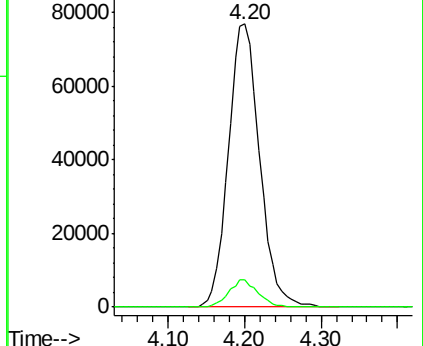
76 100

78 9.7 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: 19.206 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003136.D

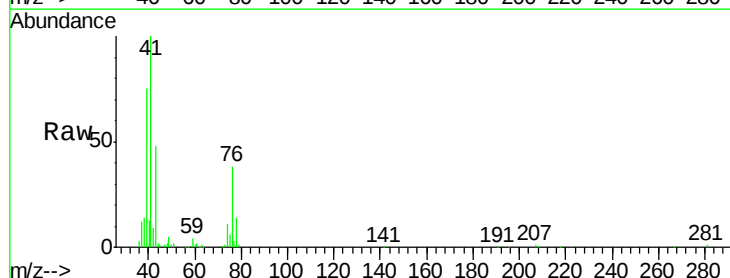
Acq: 08 Jul 2020 15:09

Tgt Ion: 43 Resp: 49118

Ion Ratio Lower Upper

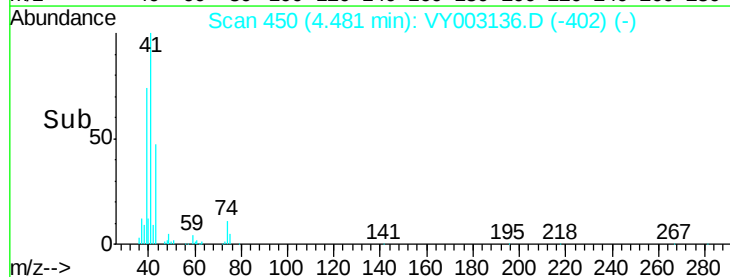
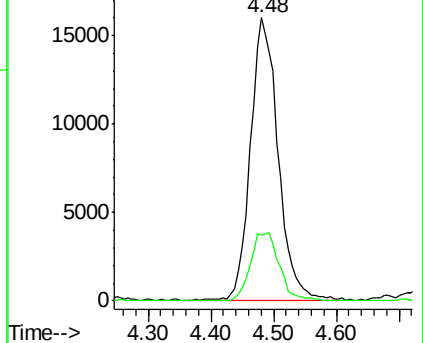
43 100

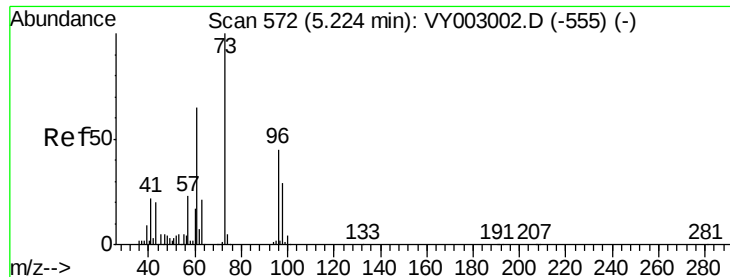
74 25.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



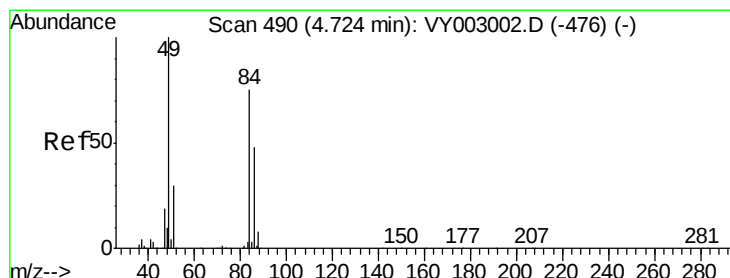
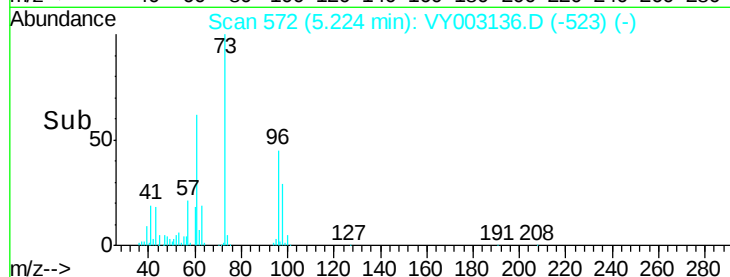
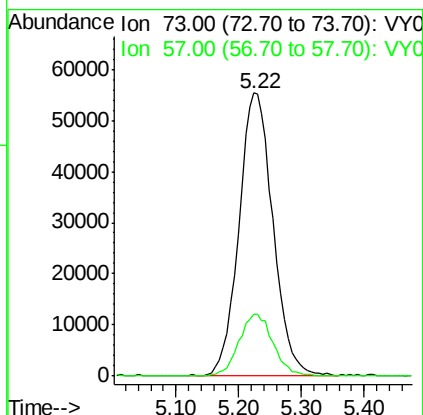
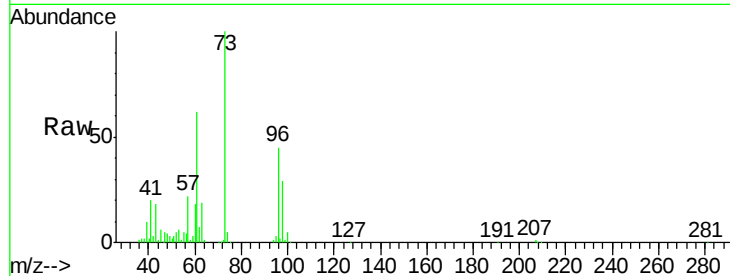


#19

Methyl tert-butyl Ether
 Concen: 20.286 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

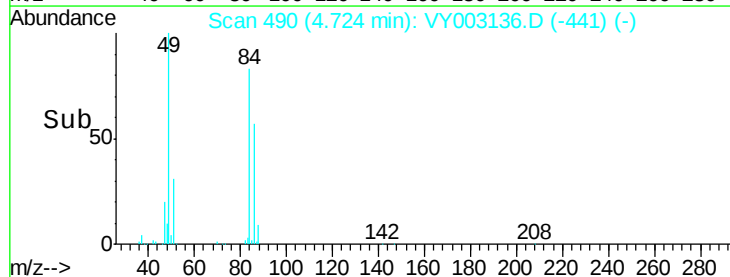
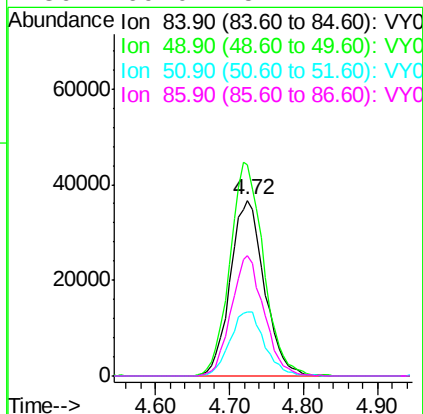
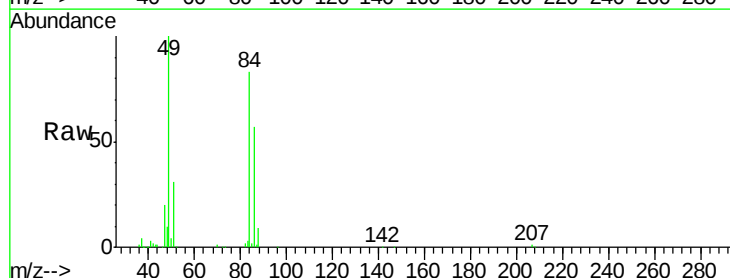
Tot Ion: 73 Resp: 207860
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.2 27.2

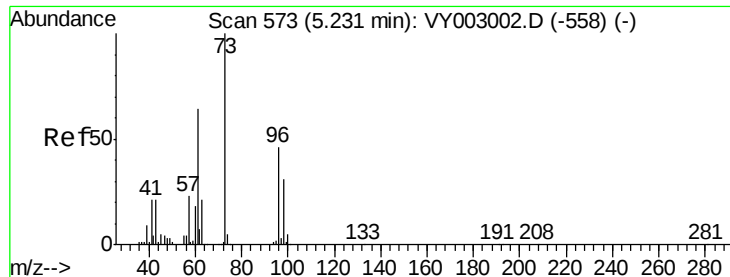


#20

Methylene Chloride
 Concen: 24.239 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion: 84 Resp: 117886
 Ion Ratio Lower Upper
 84 100
 49 120.2 106.8 160.2
 51 36.8 32.0 48.0
 86 69.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.982 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

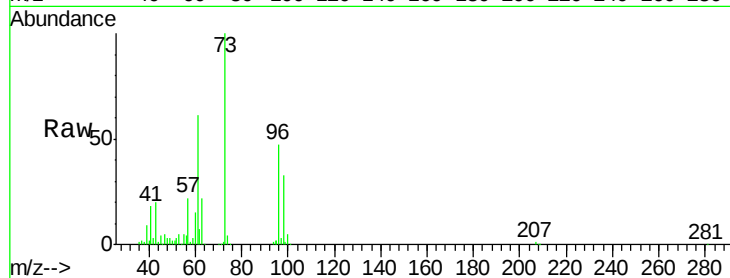
Tot Ion: 96 Resp: 83426

Ion Ratio Lower Upper

96 100

61 129.8 112.3 168.5

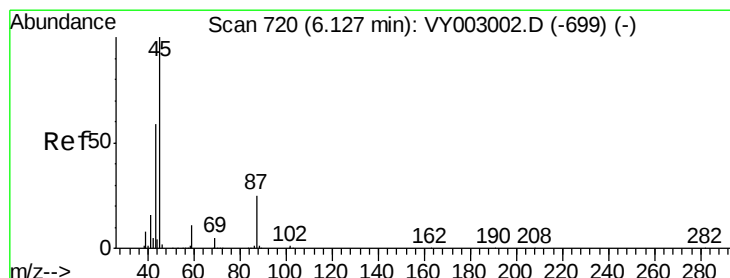
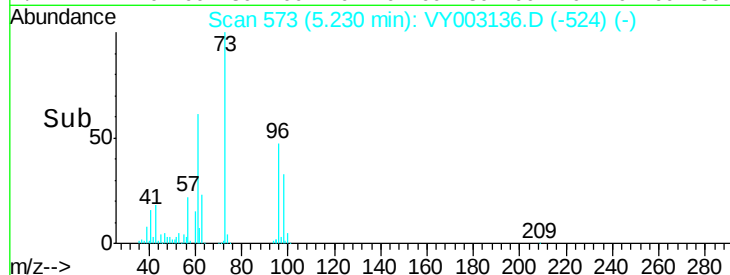
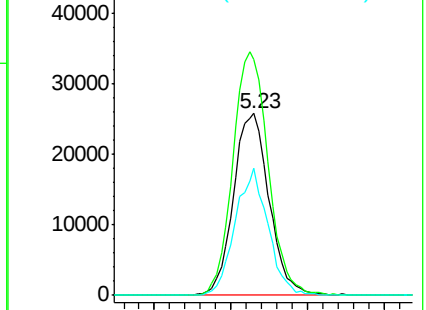
98 69.9 53.8 80.8



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: 18.756 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion: 45 Resp: 246717

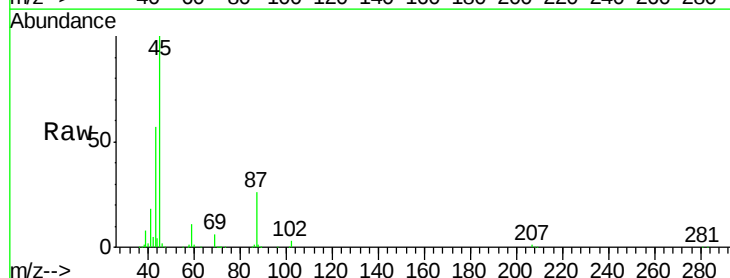
Ion Ratio Lower Upper

45 100

43 56.4 47.4 71.2

87 26.4 20.2 30.2

59 11.4 9.2 13.8

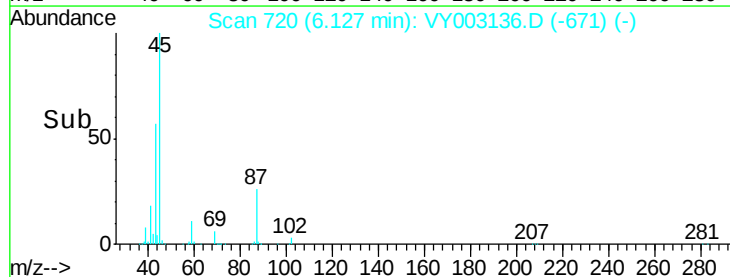
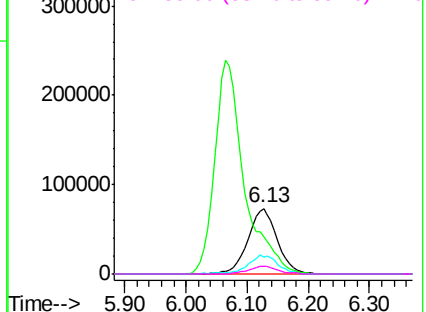


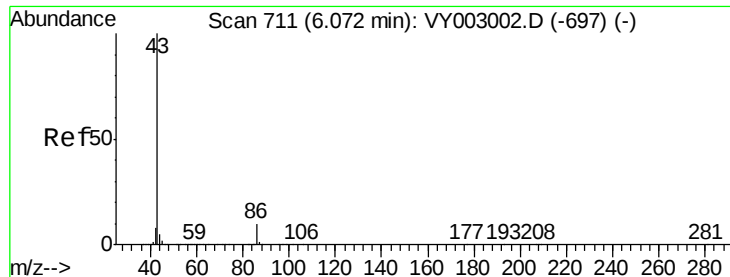
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 91.770 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampled :

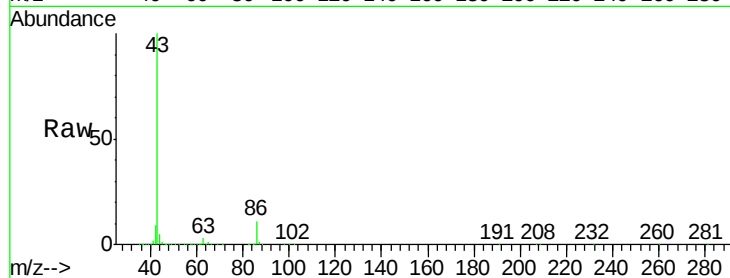
VY0708SBS01

Tot Ion: 43 Resp: 807060

Ion Ratio Lower Upper

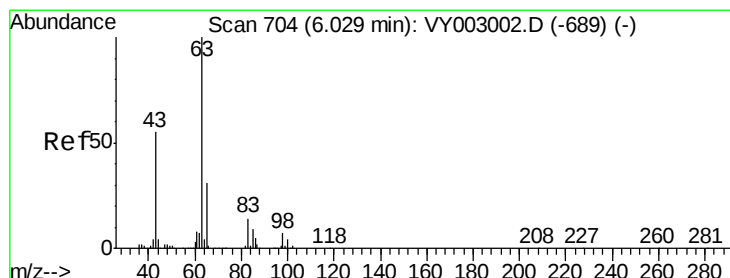
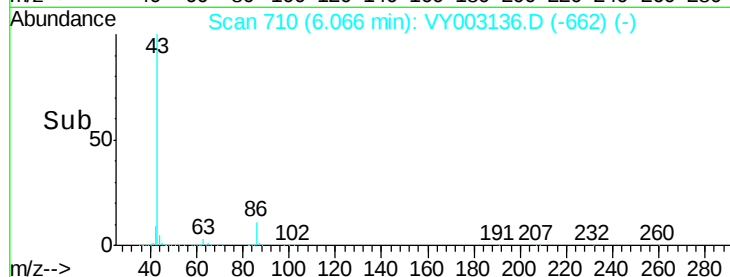
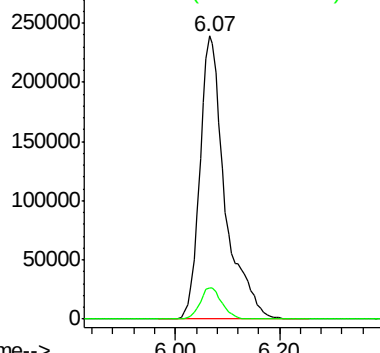
43 100

86 10.9 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: 20.310 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

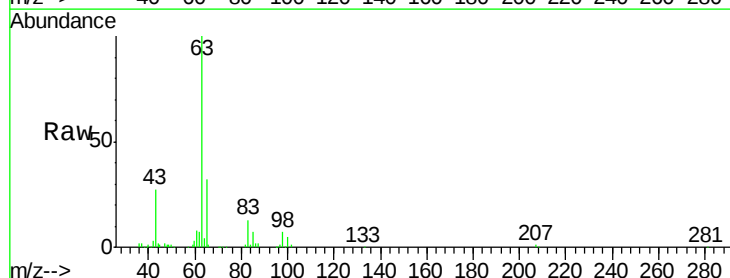
Tgt Ion: 63 Resp: 145938

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

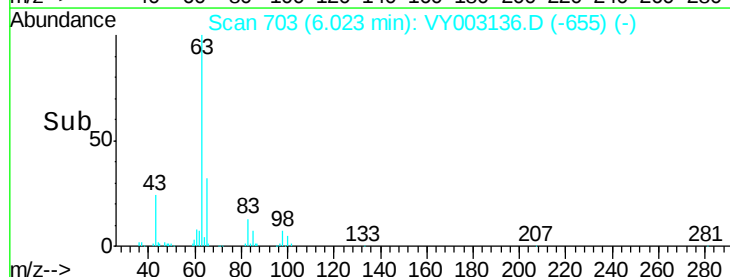
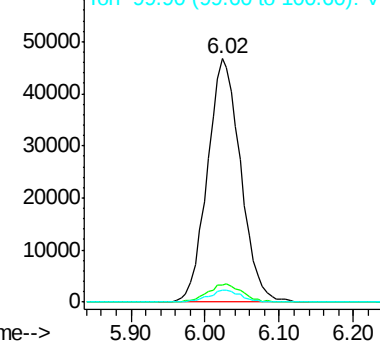
100 5.0 2.3 6.8



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

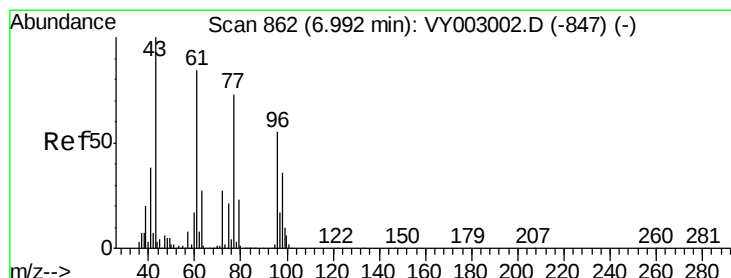
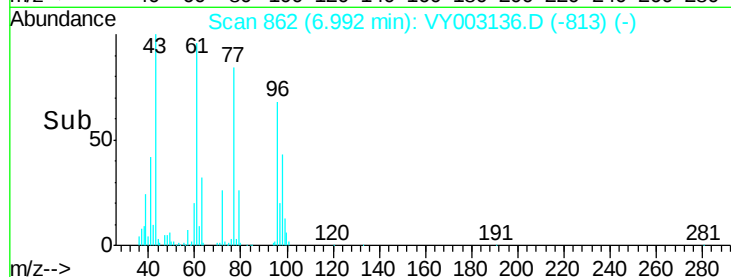
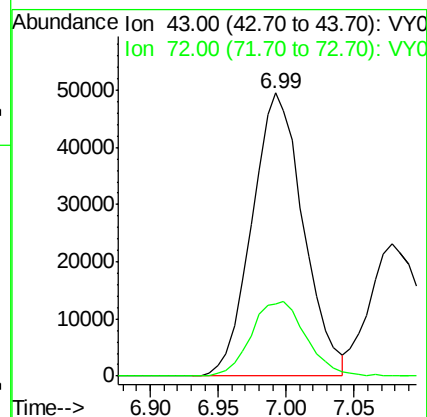
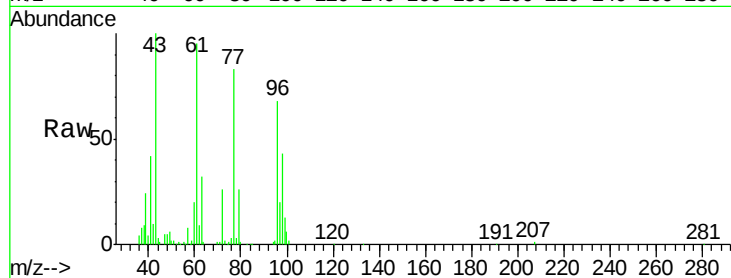




#25
2-Butanone
Concen: 86.937 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

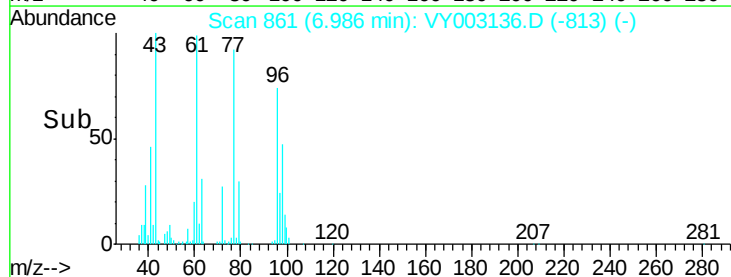
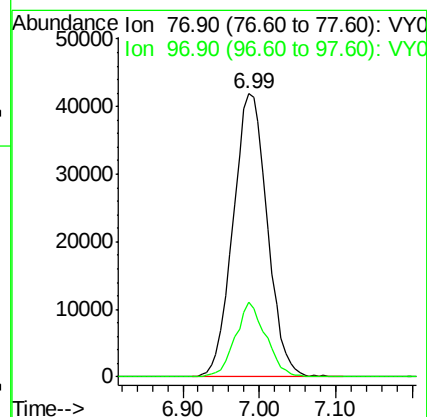
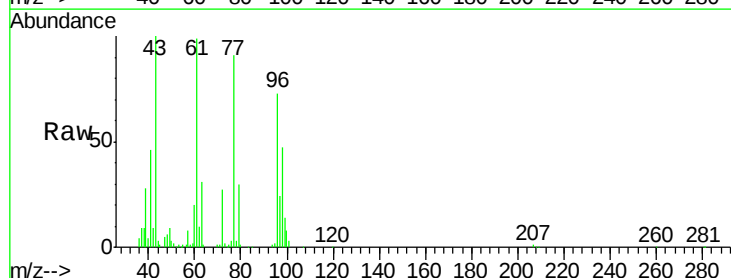
Instrument :
MSVOA_Y
ClientSampled :
VY0708SBS01

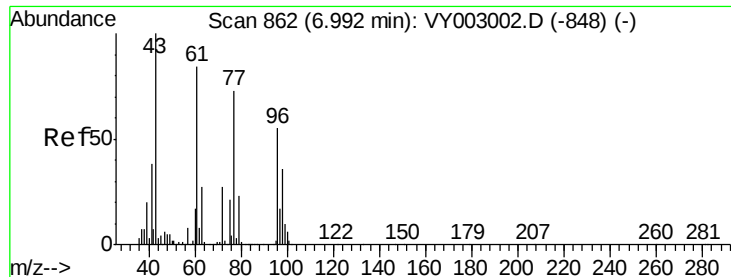
Tot Ion: 43 Resp: 131091
Ion Ratio Lower Upper
43 100
72 25.6 21.4 32.0



#26
2,2-Dichloropropane
Concen: 19.848 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 77 Resp: 129577
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.9



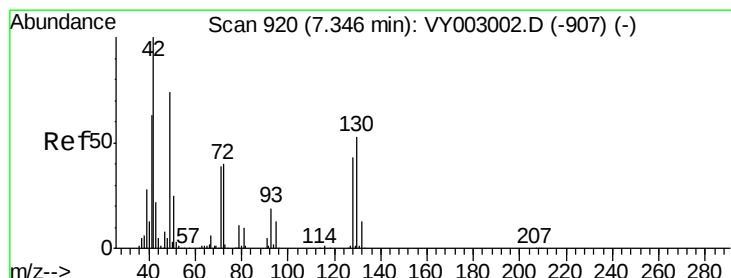
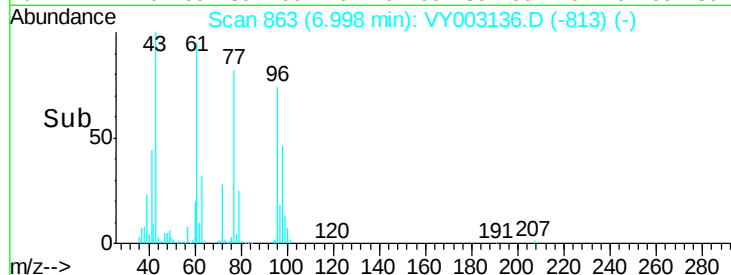
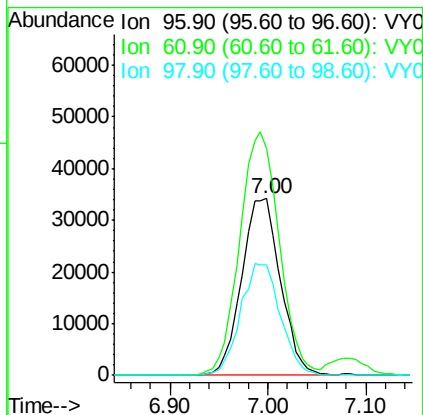
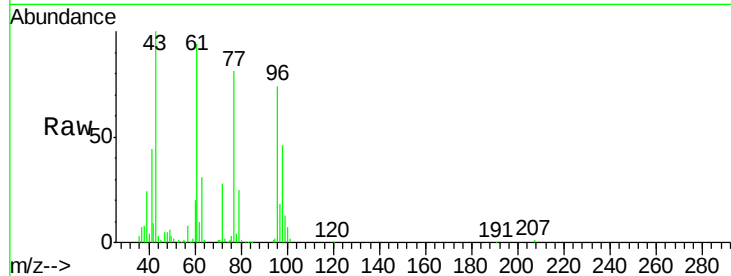


#27

cis-1,2-Dichloroethene
Concen: 21.170 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

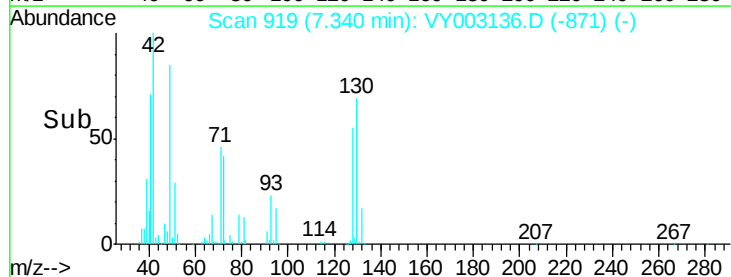
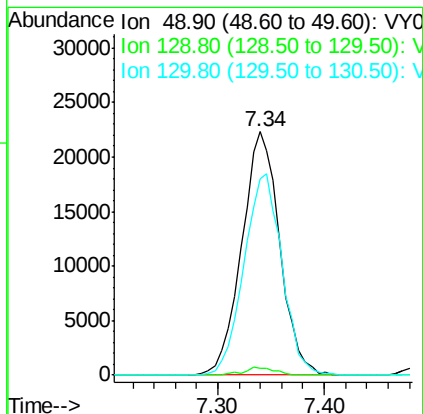
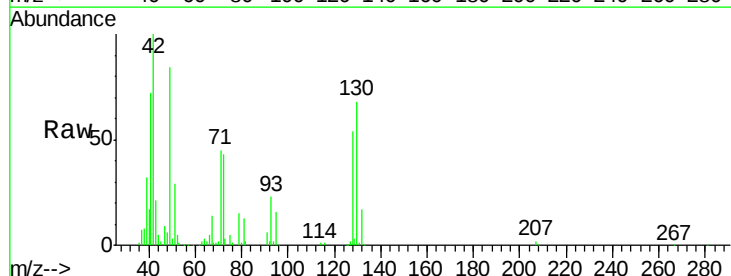
Tot Ion: 96 Resp: 94411
Ion Ratio Lower Upper
96 100
61 140.7 0.0 301.2
98 64.8 0.0 129.0

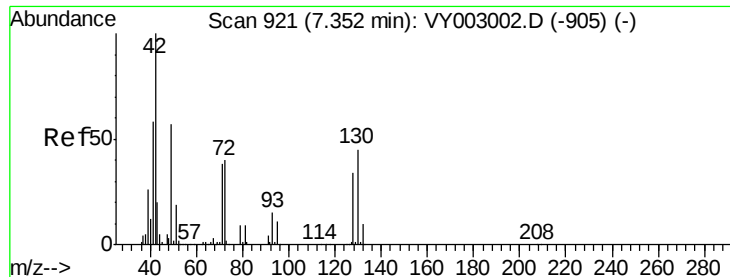


#28

Bromochloromethane
Concen: 17.428 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 49 Resp: 55720
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.4
130 82.8 57.0 85.6

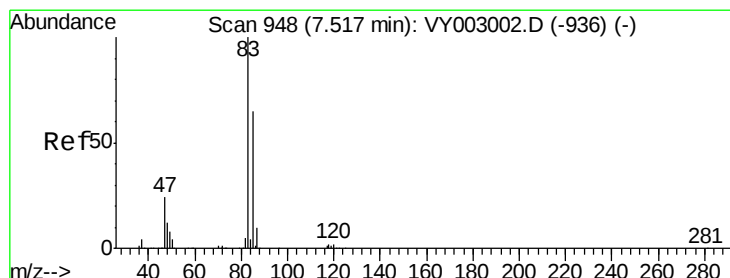
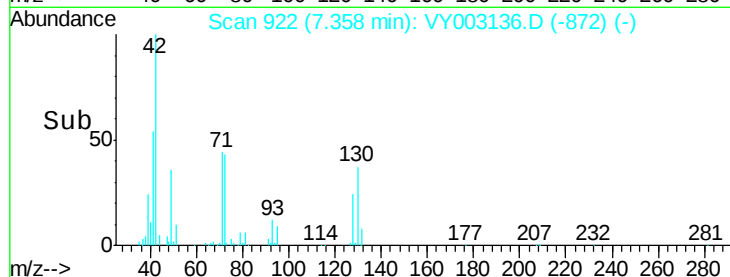
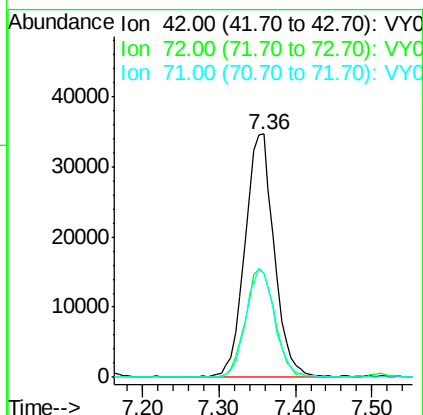
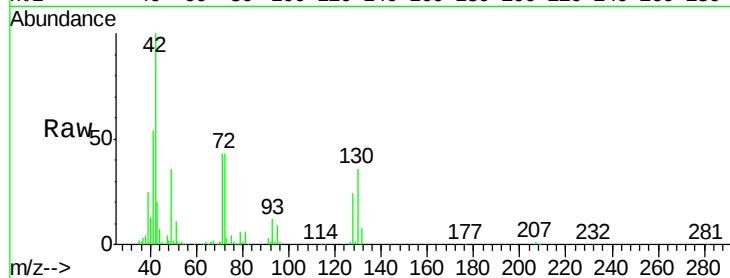




#29
Tetrahydrofuran
Concen: 92.162 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

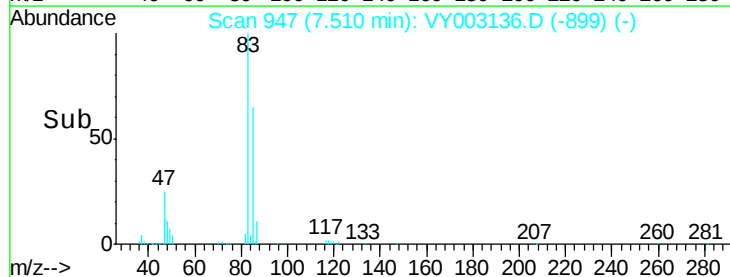
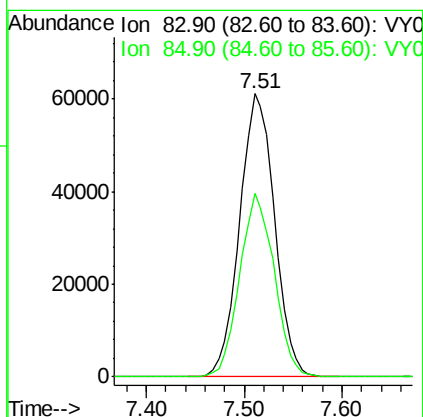
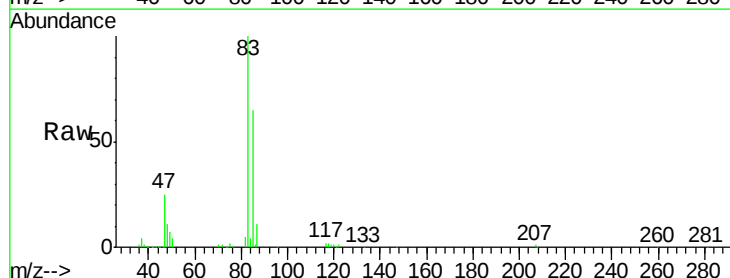
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

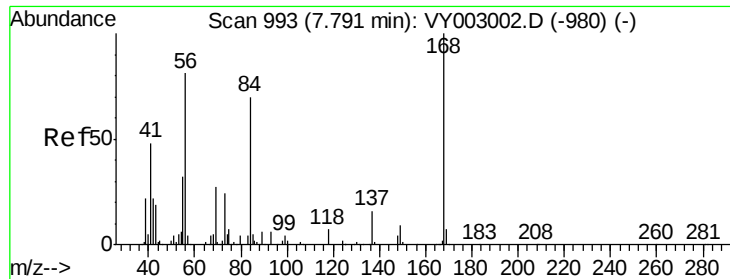
Tot Ion: 42 Resp: 92415
Ion Ratio Lower Upper
42 100
72 44.9 32.9 49.3
71 43.9 31.2 46.8



#30
Chloroform
Concen: 21.220 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 83 Resp: 151054
Ion Ratio Lower Upper
83 100
85 65.0 51.7 77.5

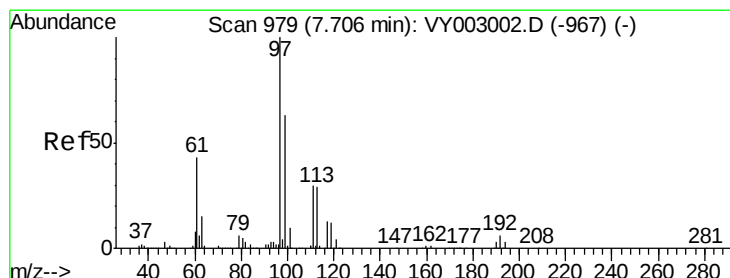
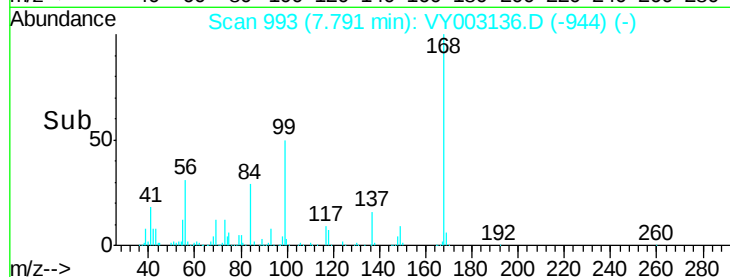
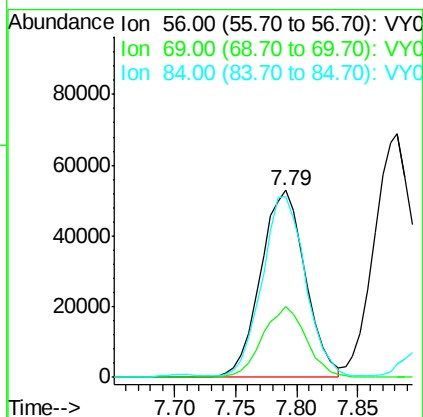
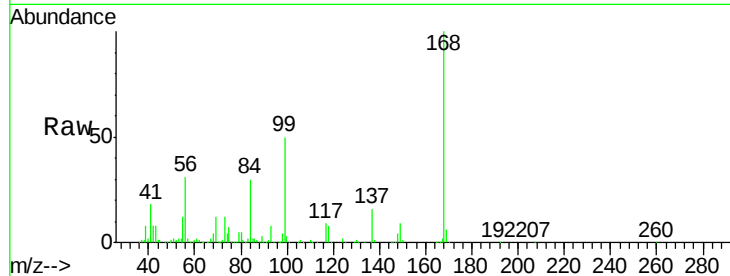




#31
Cyclohexane
Concen: 19.030 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

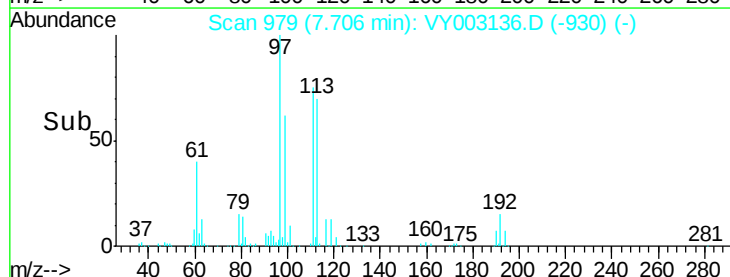
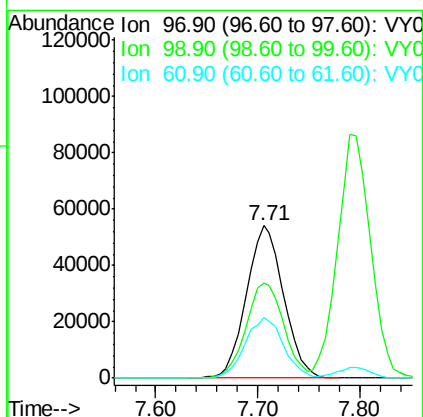
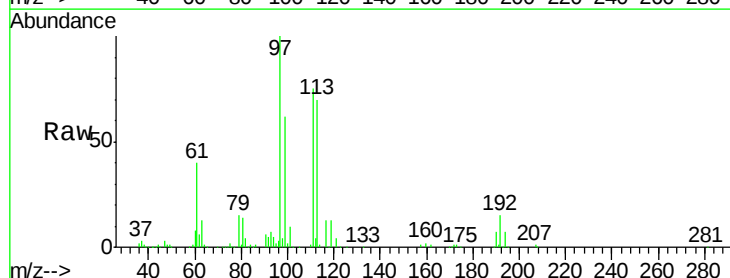
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

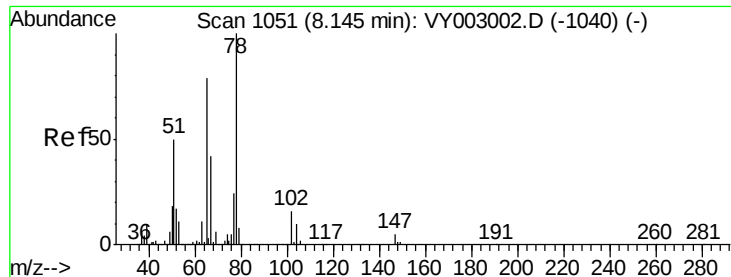
Tot Ion: 56 Resp: 134709
Ion Ratio Lower Upper
56 100
69 37.8 27.0 40.4
84 95.0 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 21.162 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 97 Resp: 137506
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.2
61 40.9 33.9 50.9

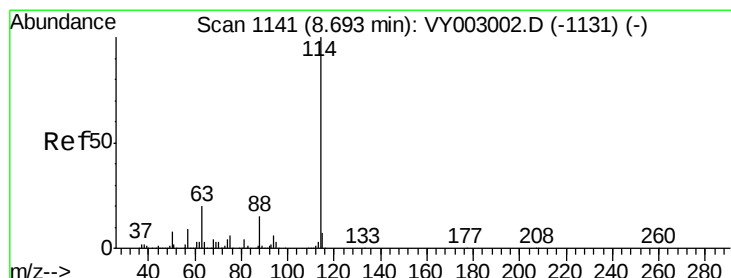
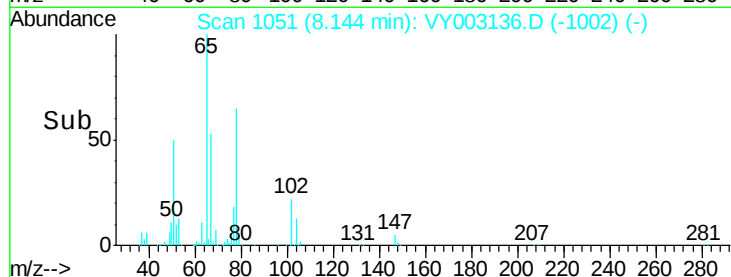
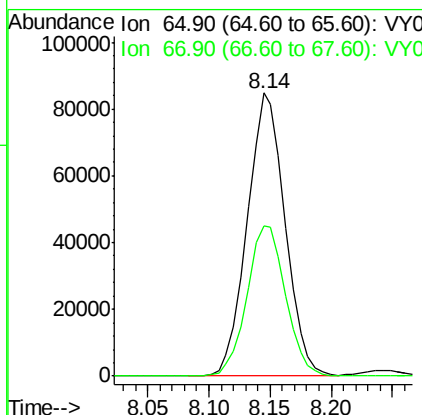
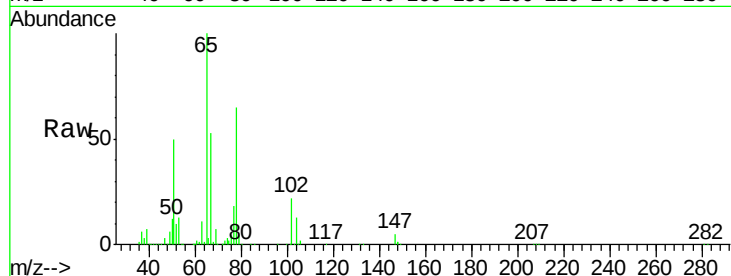




#33
 1,2-Dichloroethane-d4
 Concen: 45.345 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

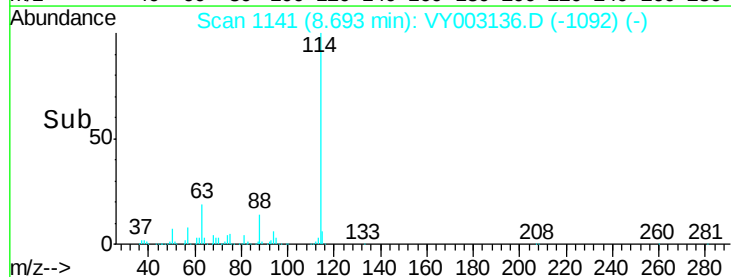
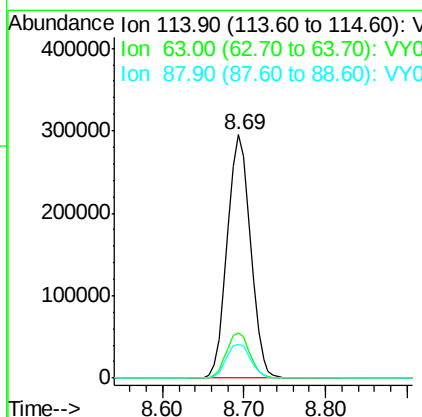
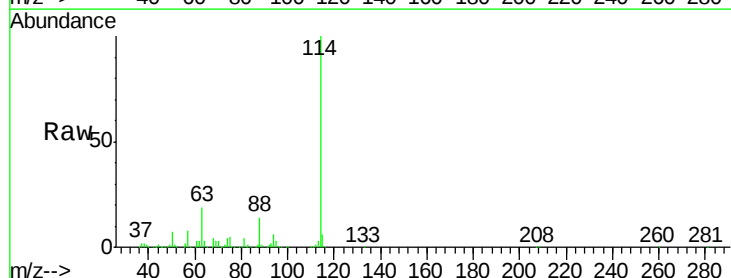
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

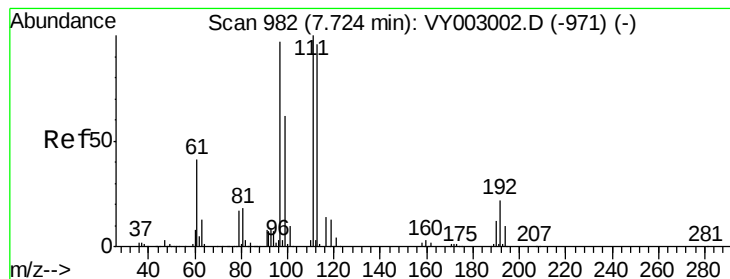
Tot Ion: 65 Resp: 182507
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion: 114 Resp: 577864
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.6
 88 14.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.330 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

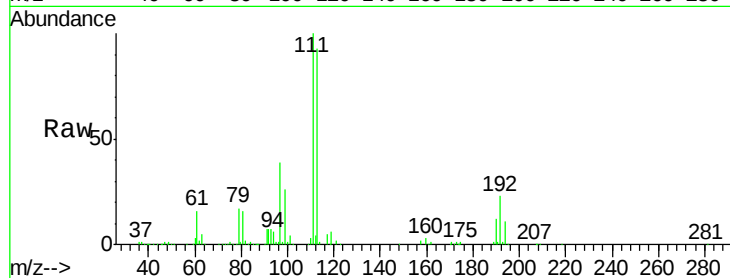
Tot Ion:113 Resp: 181430

Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

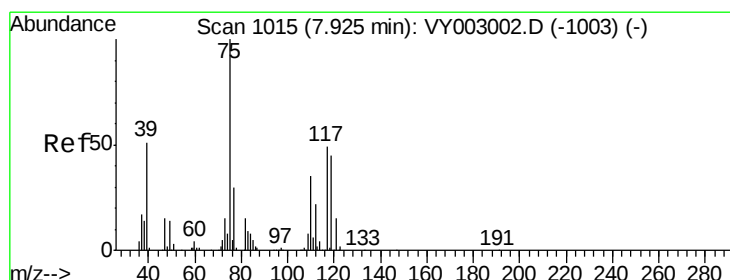
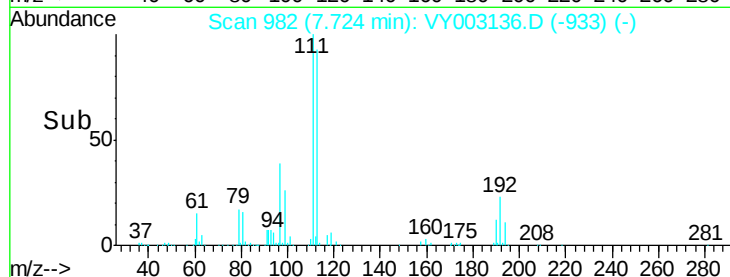
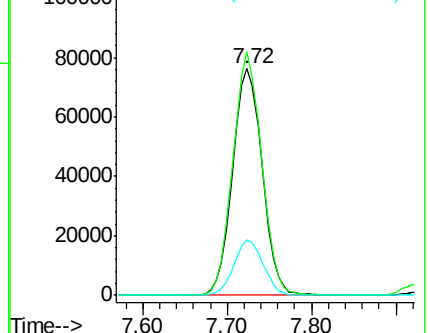
192 24.0 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.088 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

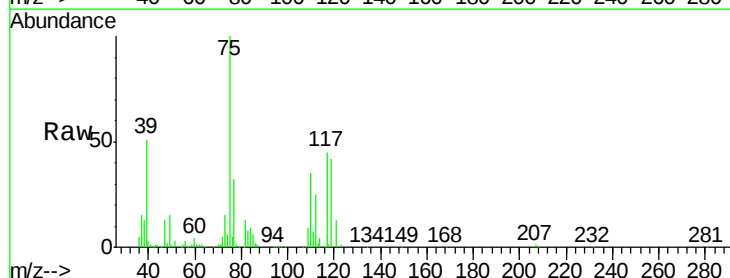
Tgt Ion: 75 Resp: 117379

Ion Ratio Lower Upper

75 100

110 36.4 17.1 51.2

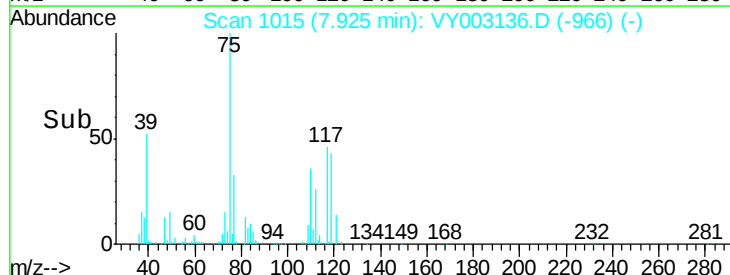
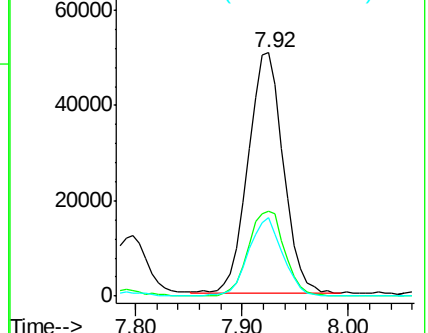
77 31.8 24.9 37.3

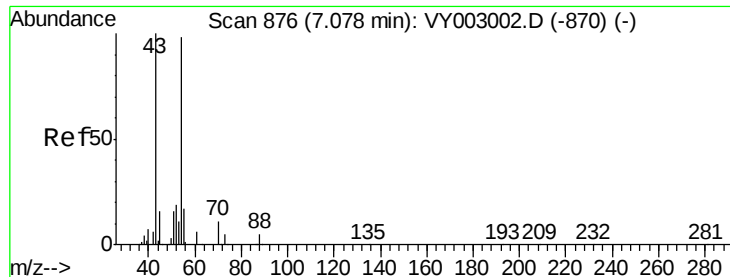


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

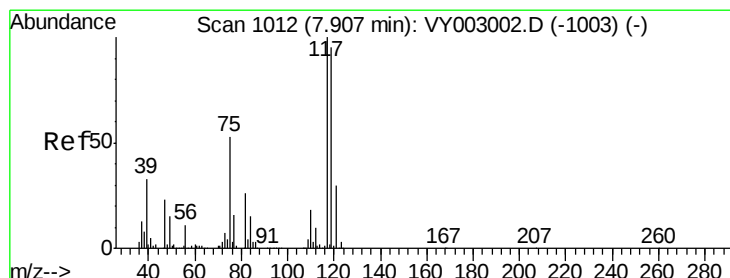
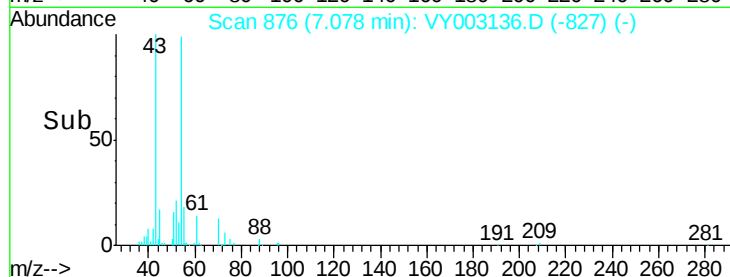
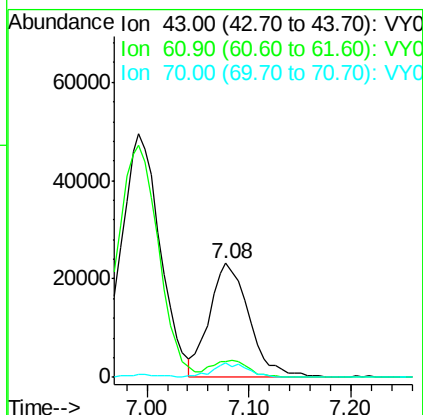
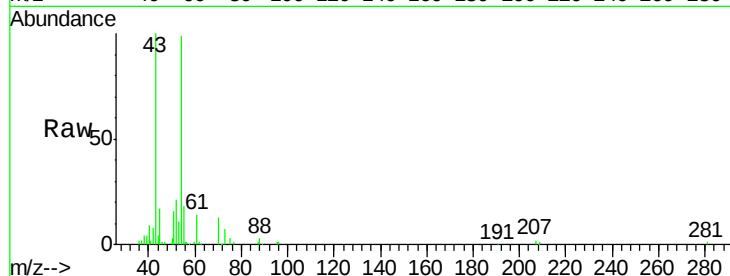




#37
Ethyl Acetate
Concen: 18.585 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

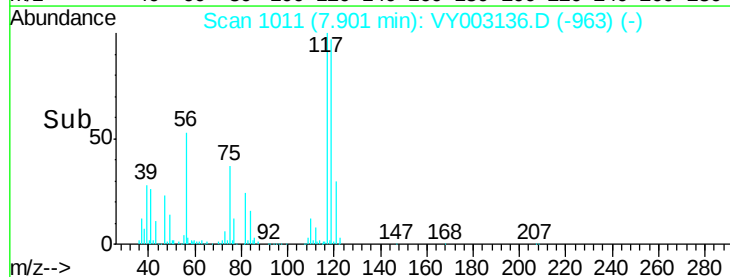
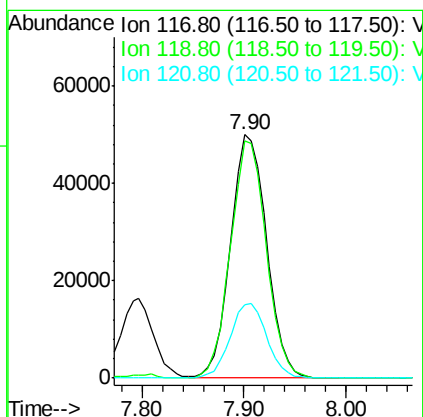
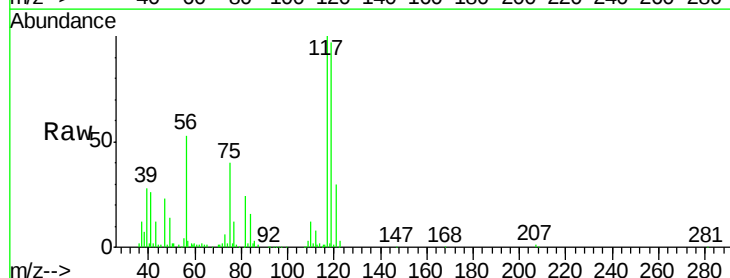
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

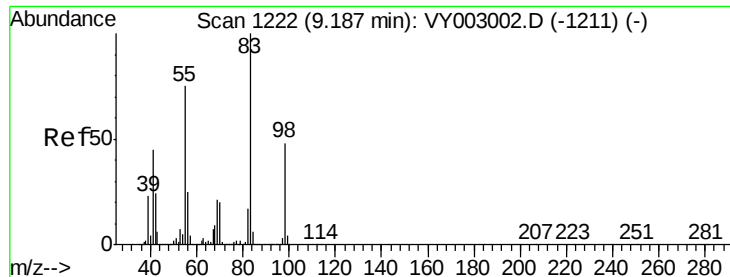
Tot Ion: 43 Resp: 62200
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 11.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.204 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 117 Resp: 122798
Ion Ratio Lower Upper
117 100
119 97.3 75.7 113.5
121 30.1 23.9 35.9

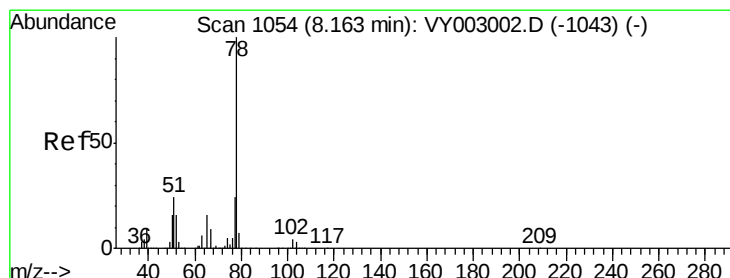
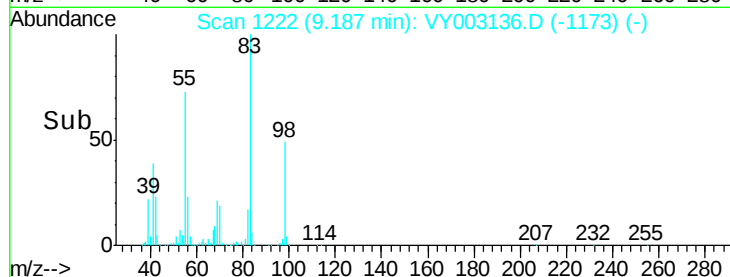
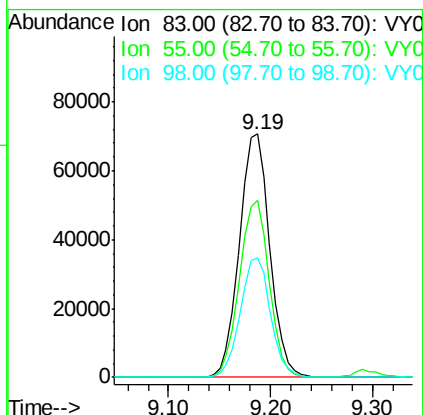
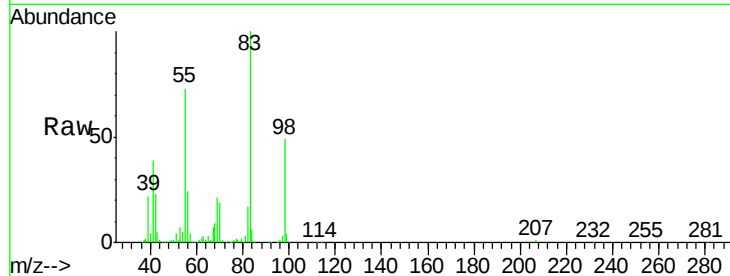




#39
Methvlcvclohexane
Concen: 21.225 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

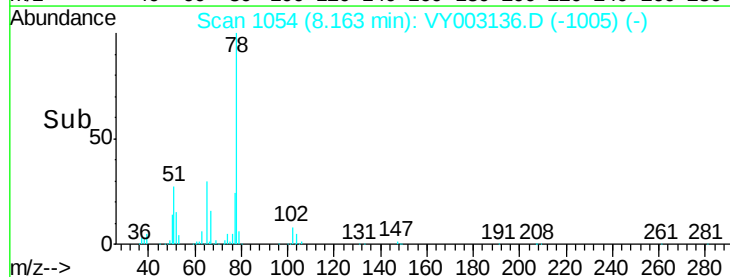
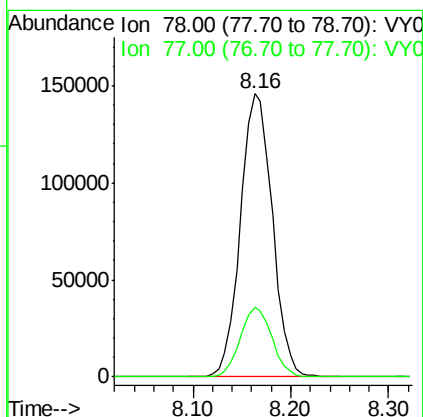
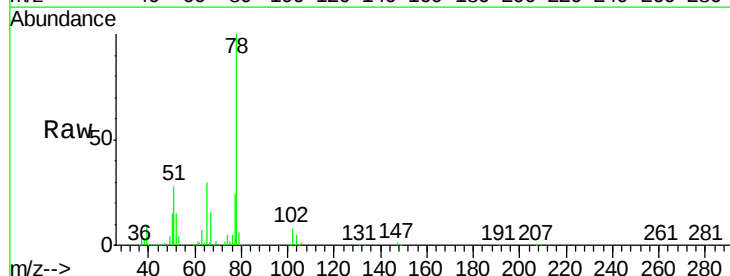
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

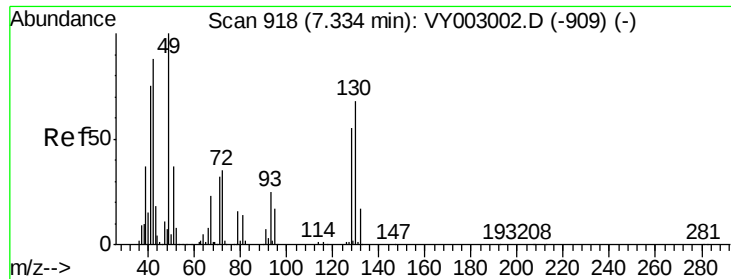
Tot Ion	83	Resp	146479
Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.9	89.9
98	49.1	38.7	58.1



#40
Benzene
Concen: 21.644 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	78	Resp	329832
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8

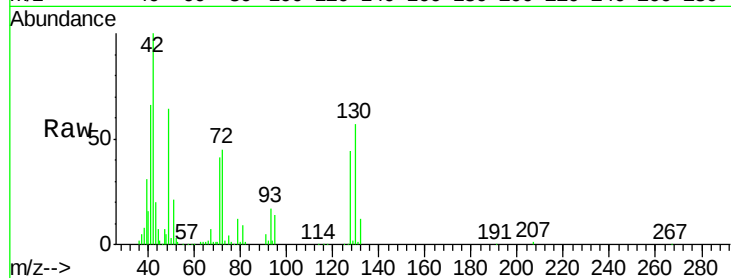




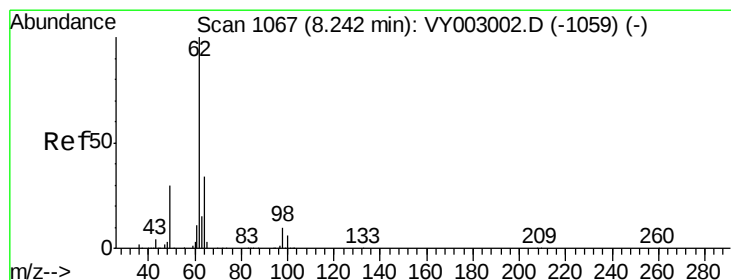
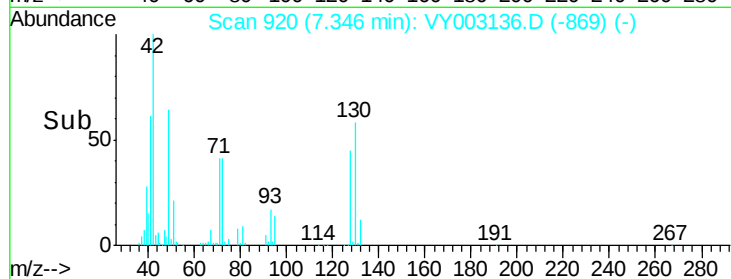
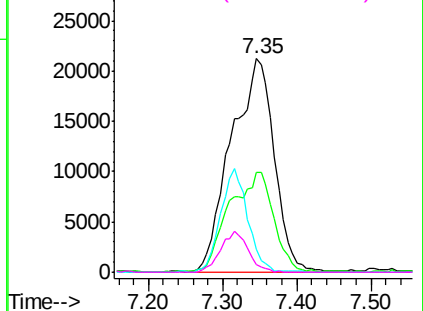
#41
Methacrylonitrile
Concen: 48.066 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion:	41	Resp:	85930
Ion	Ratio	Lower	Upper
41	100		
39	48.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

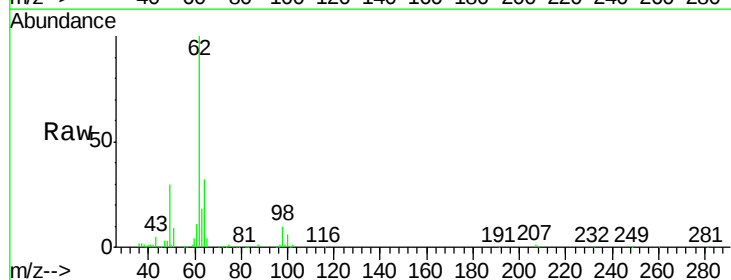


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

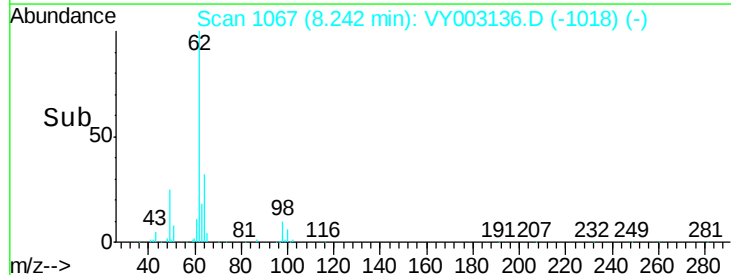
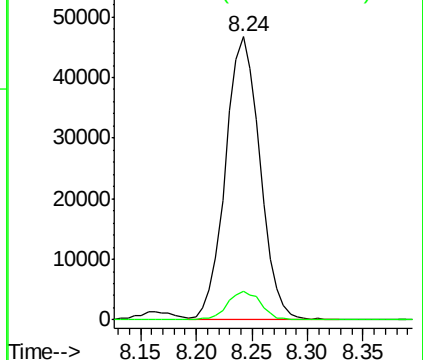


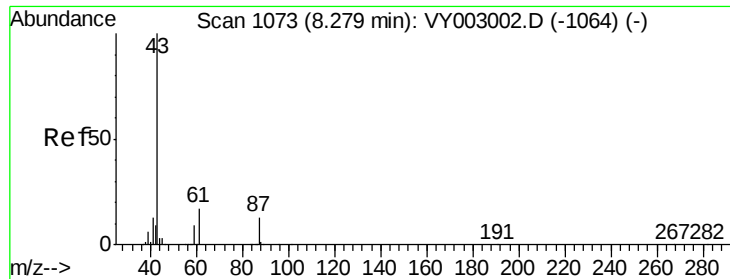
#42
1,2-Dichloroethane
Concen: 20.758 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion:	62	Resp:	100071
Ion	Ratio	Lower	Upper
62	100		
98	10.0	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: 19.217 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

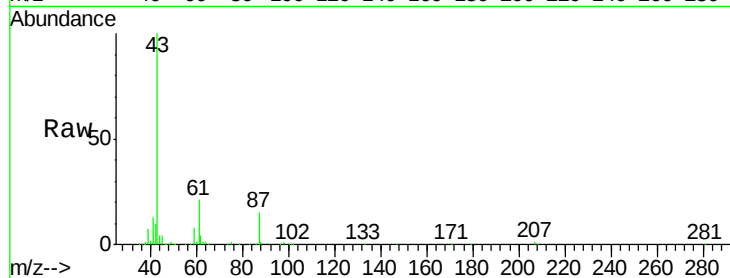
Tot Ion: 43 Resp: 122263

Ion Ratio Lower Upper

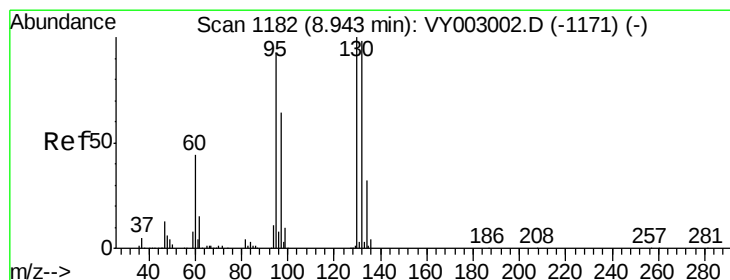
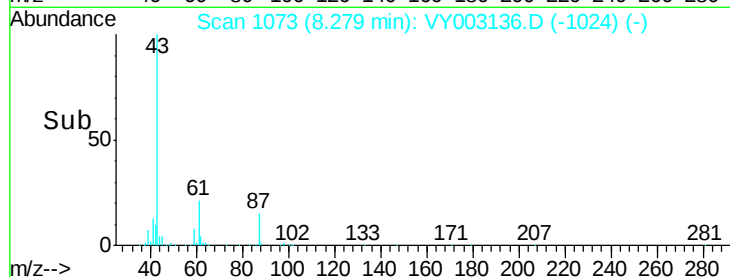
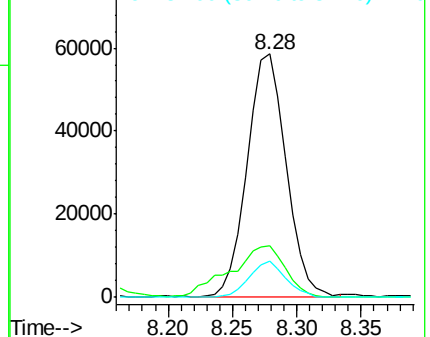
43 100

61 30.0 21.8 32.6

87 14.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 22.812 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003136.D

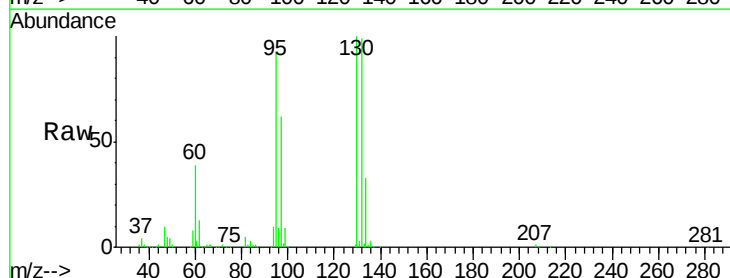
Acq: 08 Jul 2020 15:09

Tgt Ion: 130 Resp: 101041

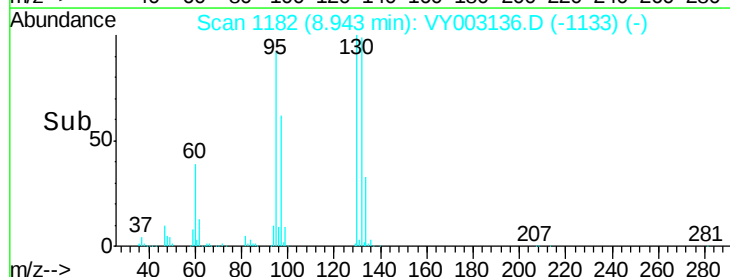
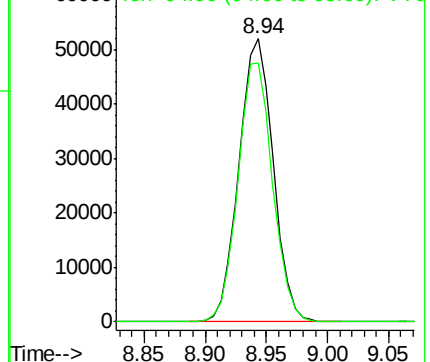
Ion Ratio Lower Upper

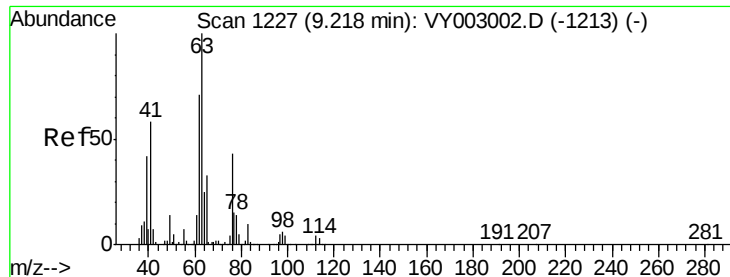
130 100

95 91.7 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

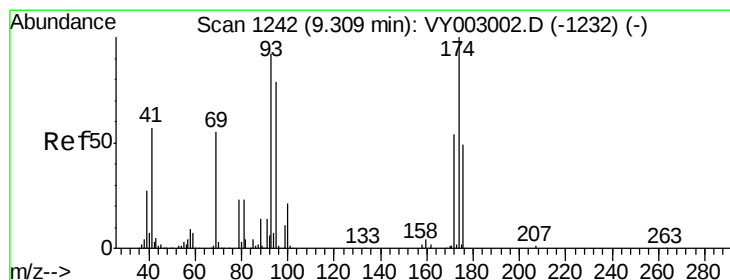
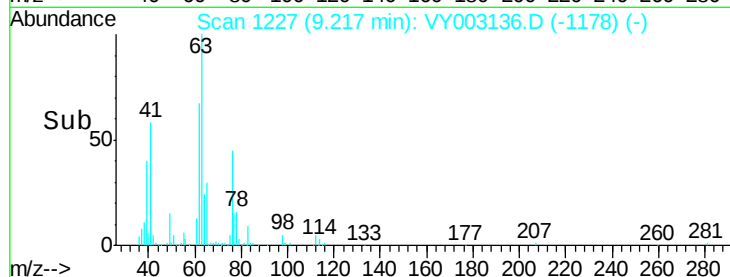
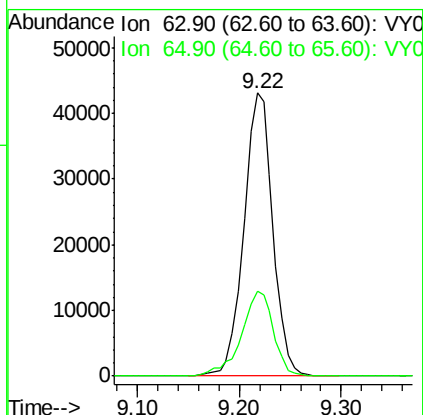
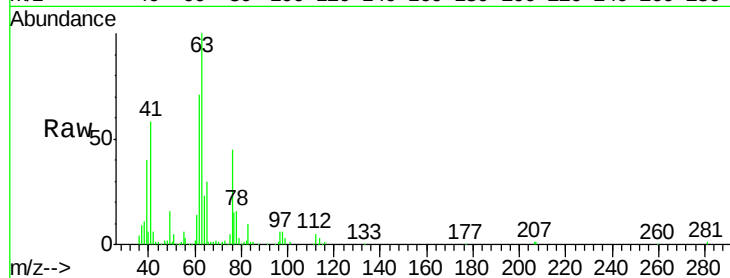




#45
 1,2-Dichloropropane
 Concen: 20.713 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

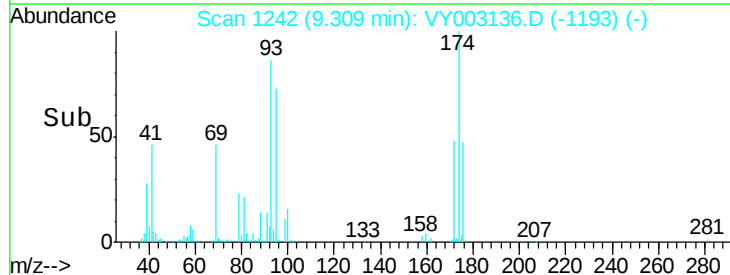
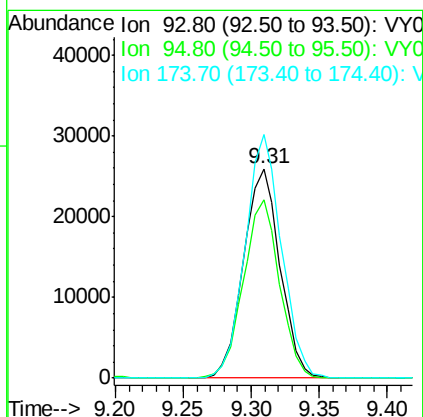
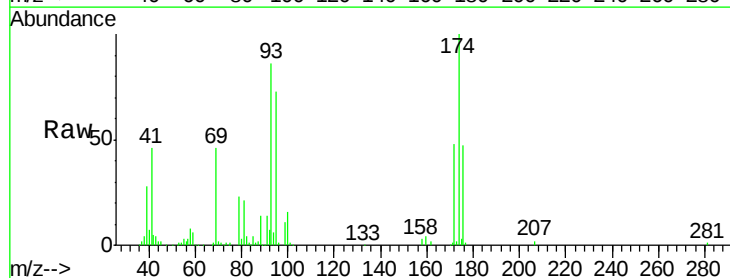
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

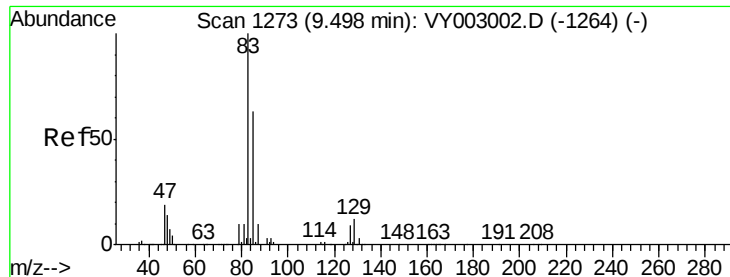
Tot Ion: 63 Resp: 84920
 Ion Ratio Lower Upper
 63 100
 65 29.8 26.2 39.4



#46
 Dibromomethane
 Concen: 21.337 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion: 93 Resp: 48857
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.6 101.4
 174 115.5 88.3 132.5





#47

Bromodichloromethane

Concen: 21.234 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

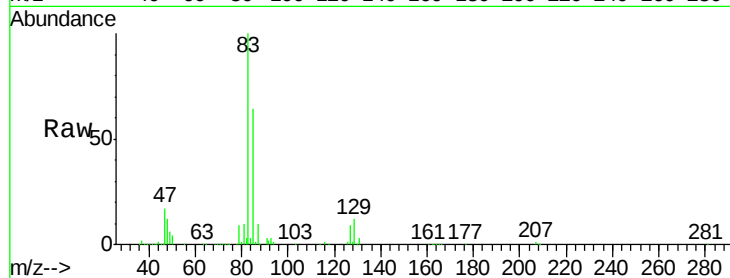
Tot Ion: 83 Resp: 119059

Ion Ratio Lower Upper

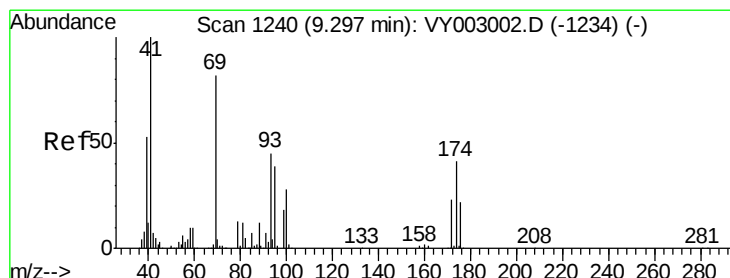
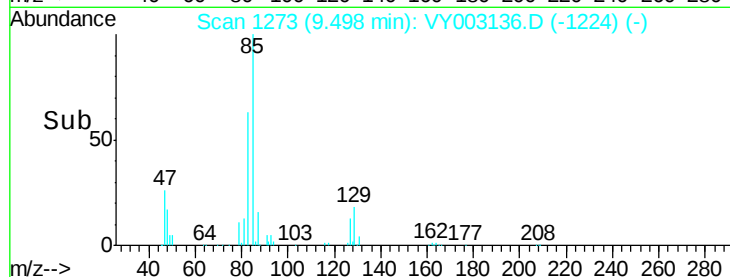
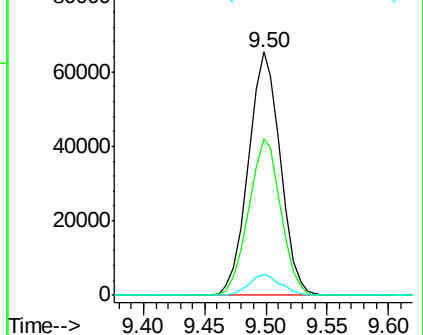
83 100

85 64.3 50.5 75.7

127 8.6 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): VY0



#48

Methyl methacrylate

Concen: 18.273 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

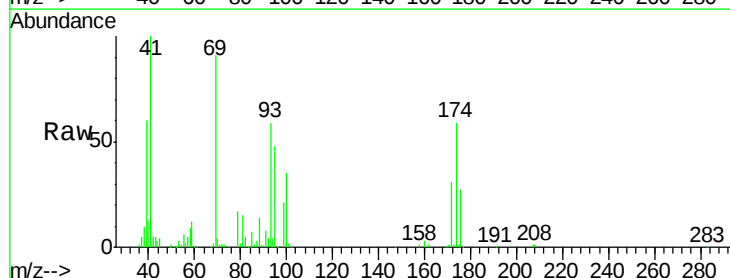
Tgt Ion: 41 Resp: 52916

Ion Ratio Lower Upper

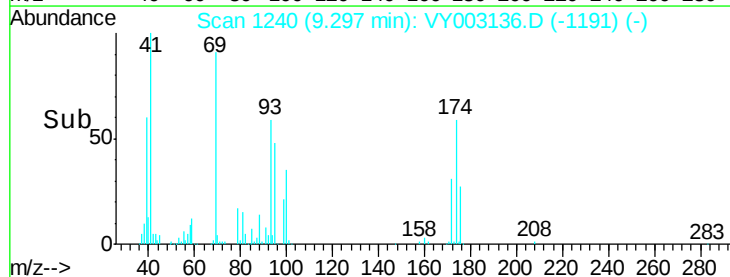
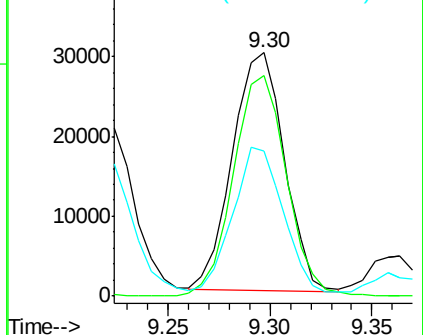
41 100

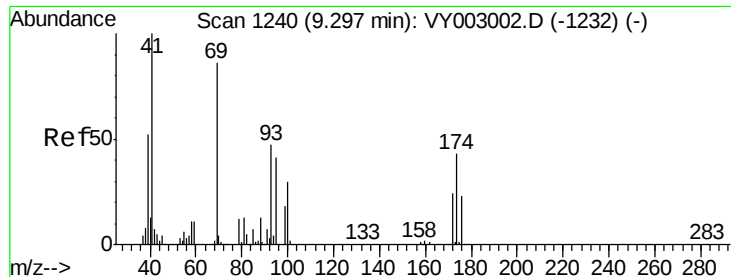
69 94.3 67.7 101.5

39 62.2 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

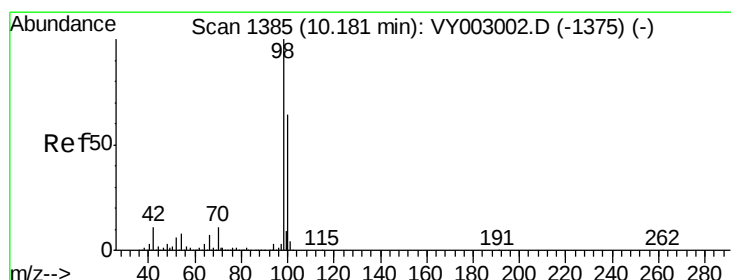
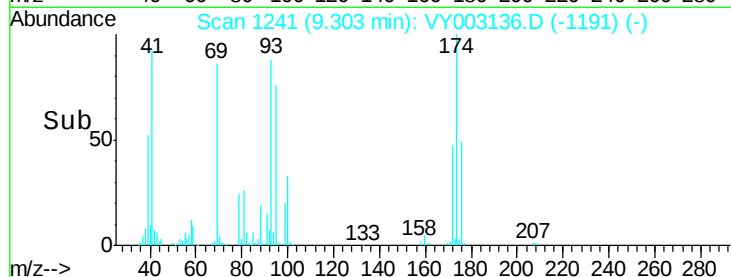
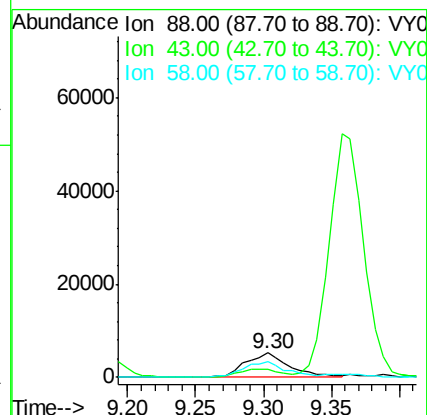
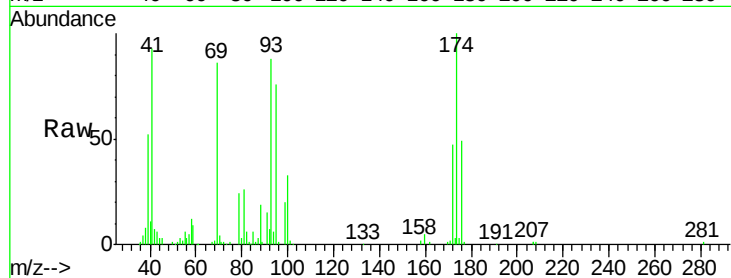




#49
1,4-Dioxane
Concen: 425.306 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

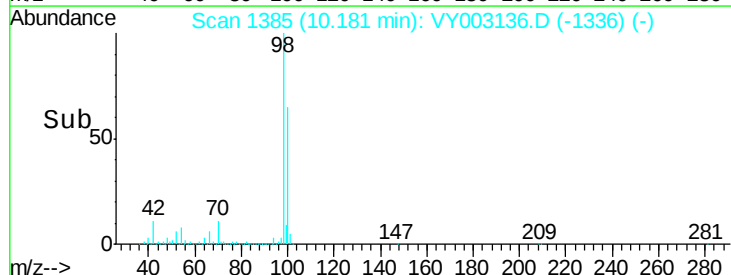
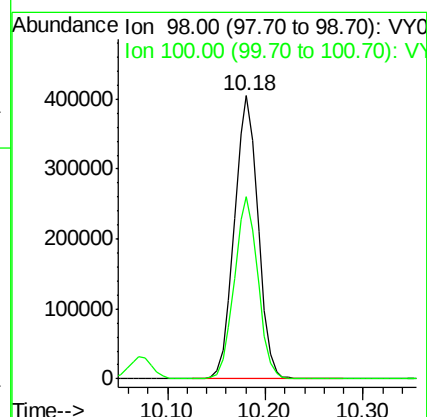
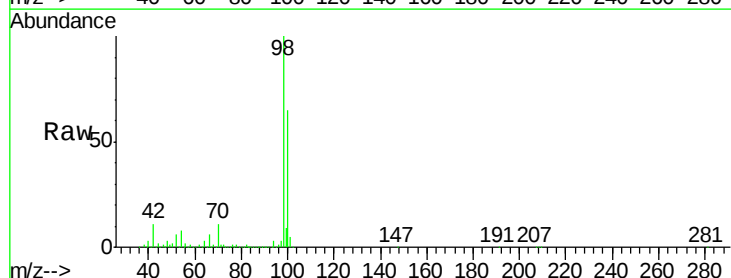
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

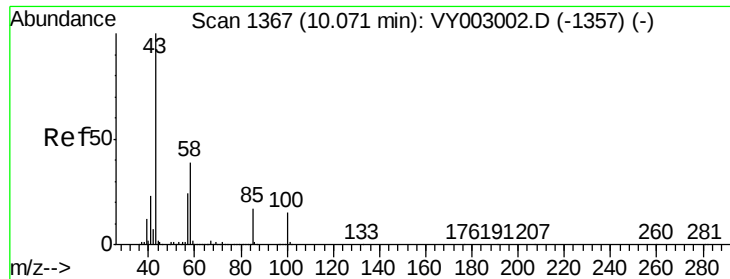
Tot Ion: 88 Resp: 11888
Ion Ratio Lower Upper
88 100
43 30.0 28.6 42.8
58 61.3 56.7 85.1



#50
Toluene-d8
Concen: 50.582 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 98 Resp: 679289
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

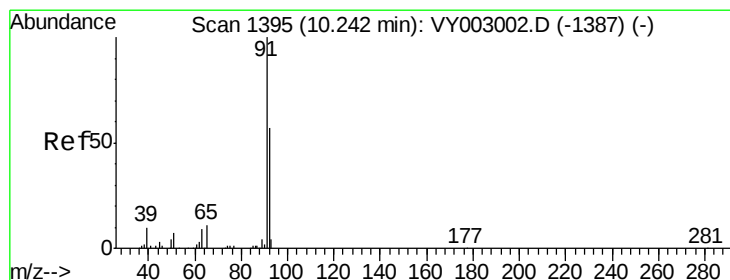
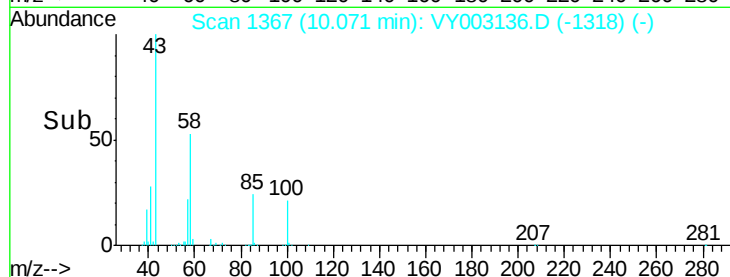
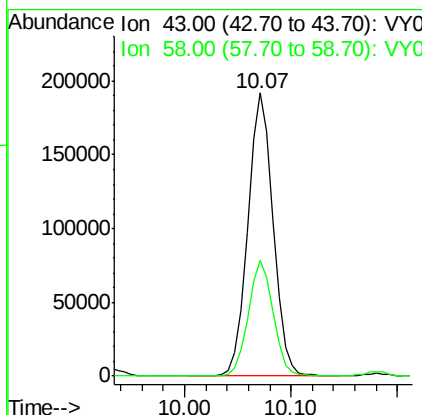
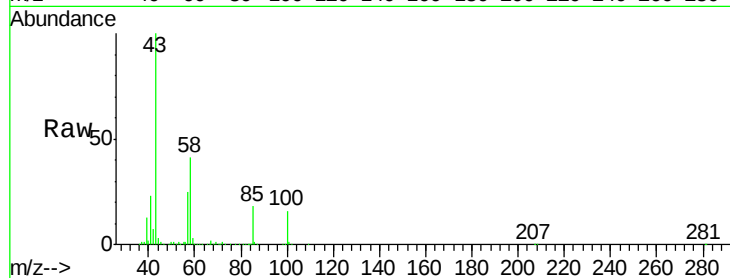




#51
4-Methyl-2-Pentanone
Concen: 97.273 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

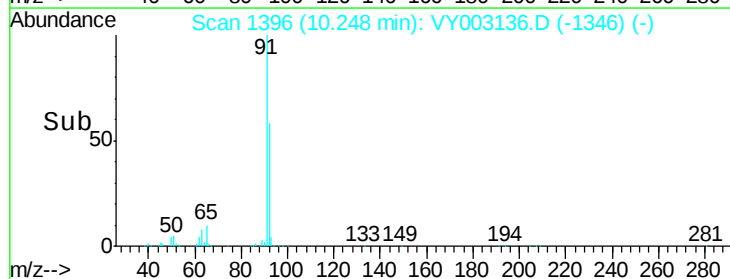
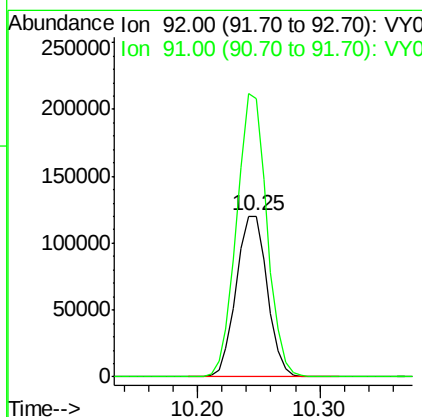
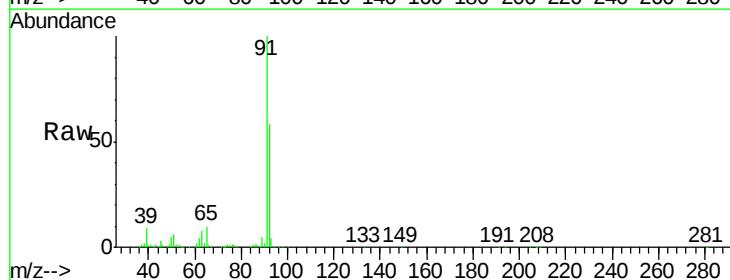
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

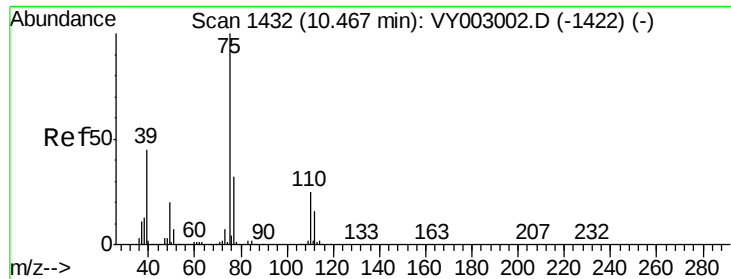
Tot Ion: 43 Resp: 319869
Ion Ratio Lower Upper
43 100
58 40.3 31.1 46.7



#52
Toluene
Concen: 22.057 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 92 Resp: 211589
Ion Ratio Lower Upper
92 100
91 171.7 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.184 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

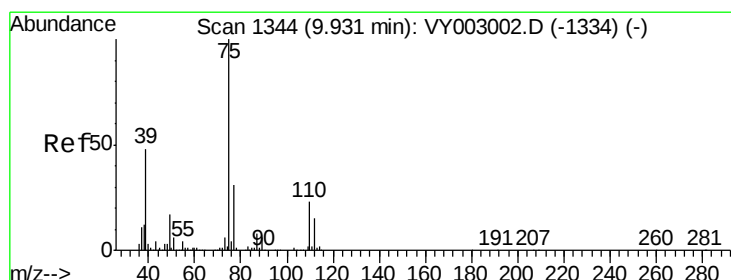
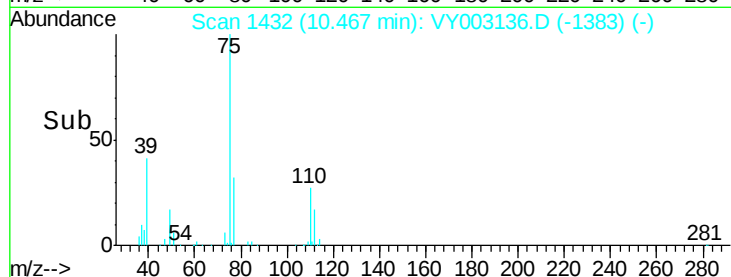
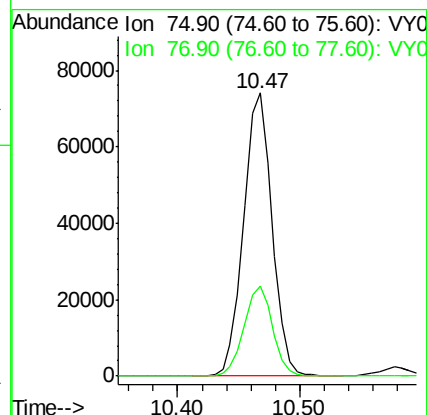
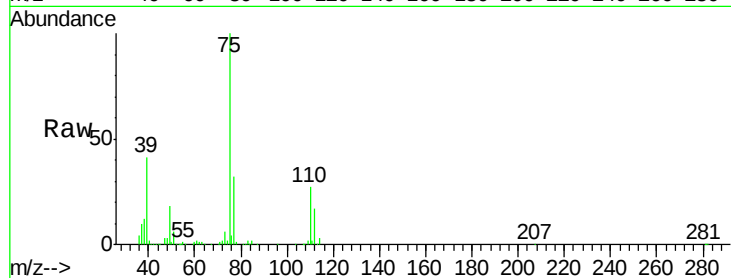
VY0708SBS01

Tot Ion: 75 Resp: 118652

Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.772 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

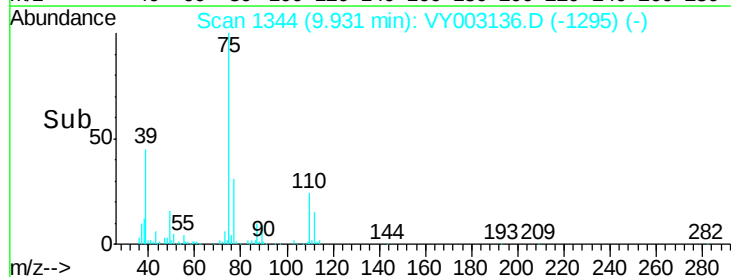
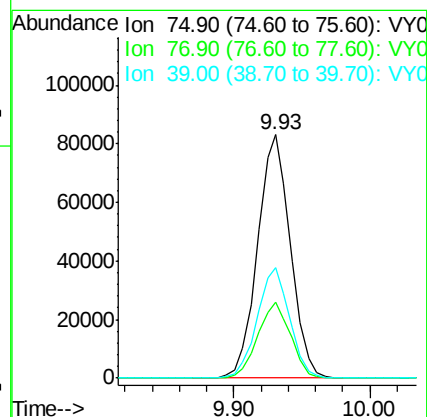
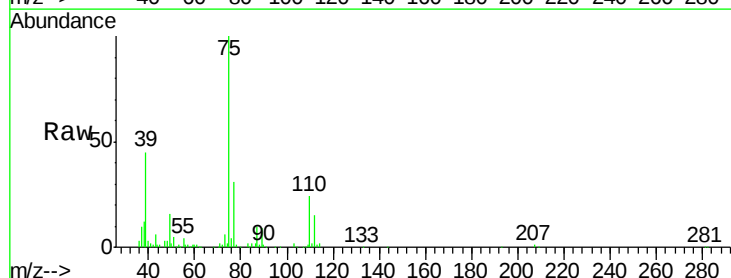
Tgt Ion: 75 Resp: 139647

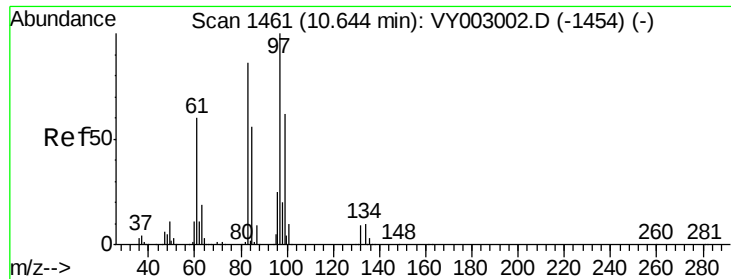
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 45.3 38.3 57.5

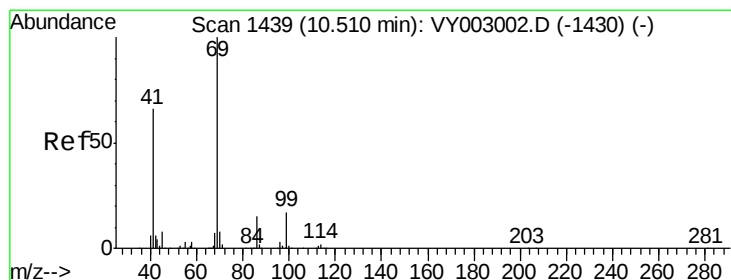
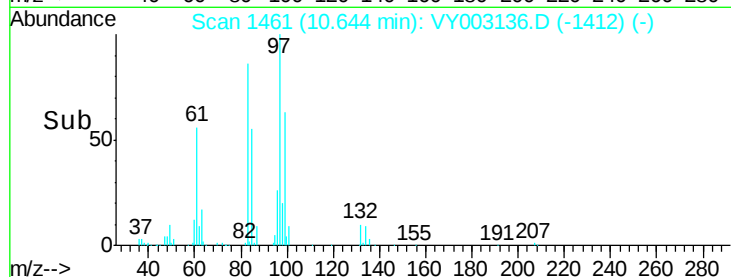
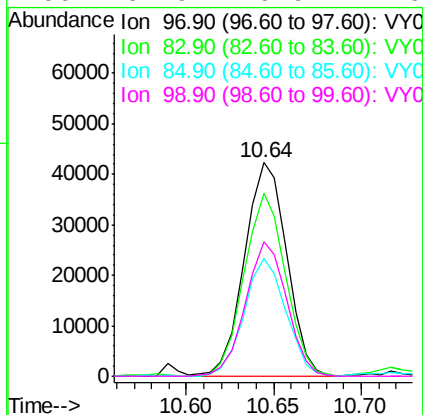
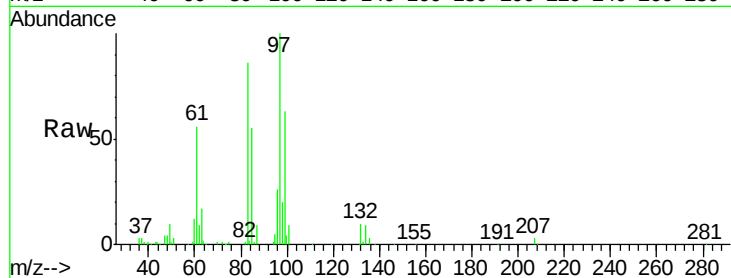




#55
 1,1,2-Trichloroethane
 Concen: 22.334 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

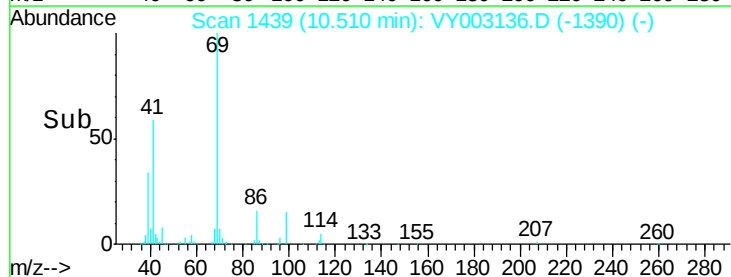
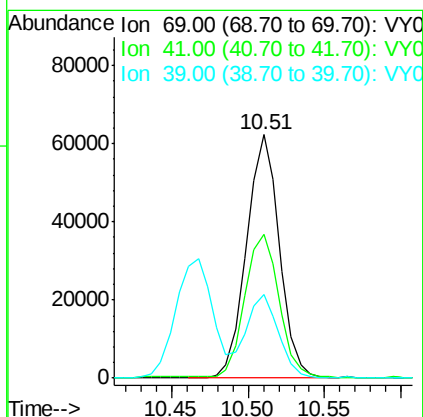
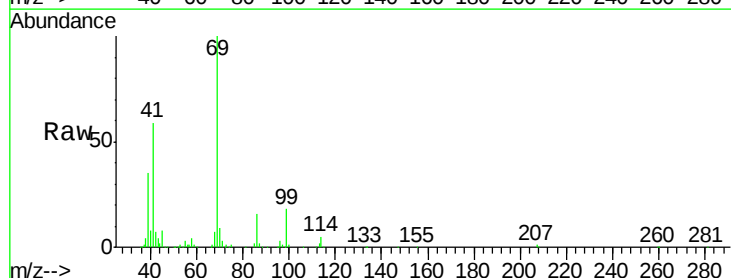
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

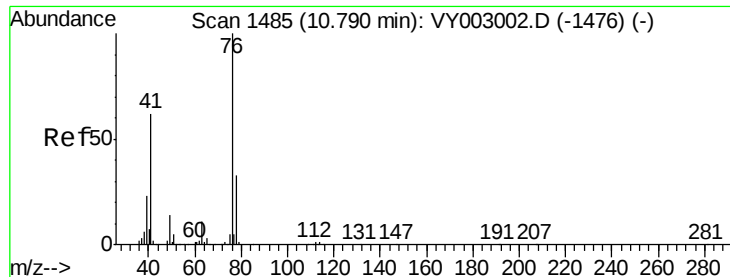
Tot Ion:	97	Resp:	71063
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.0	103.6
85	55.4	44.8	67.2
99	62.9	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 20.222 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion:	69	Resp:	93143
Ion	Ratio	Lower	Upper
69	100		
41	60.8	53.7	80.5
39	34.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 21.129 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

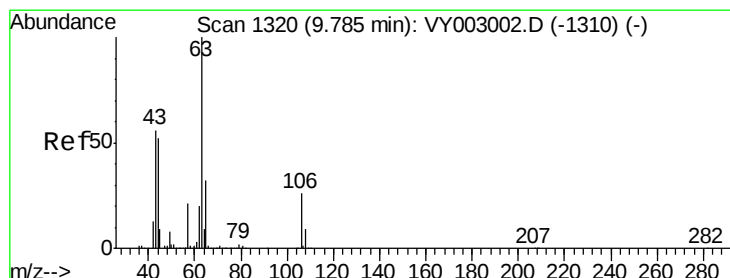
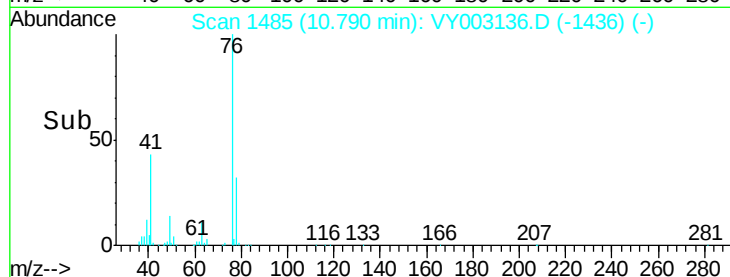
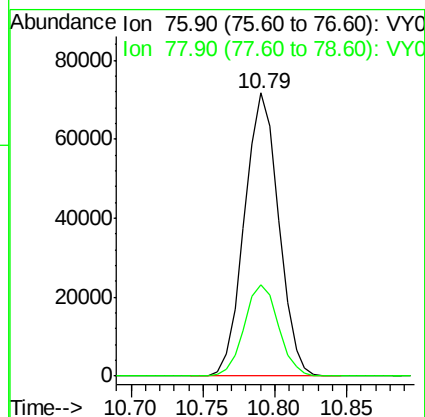
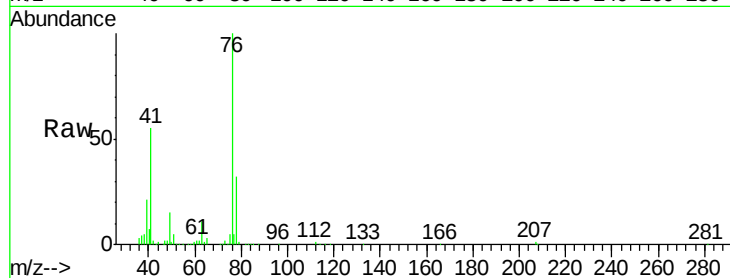
VY0708SBS01

Tot Ion: 76 Resp: 118026

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.183 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003136.D

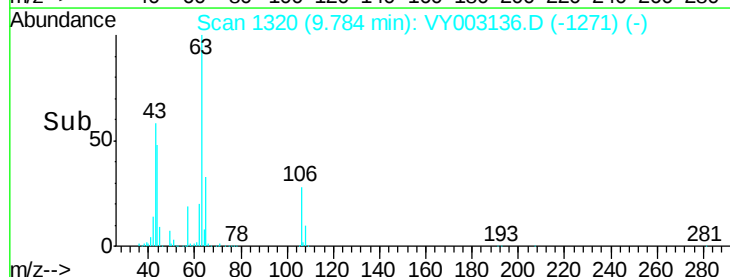
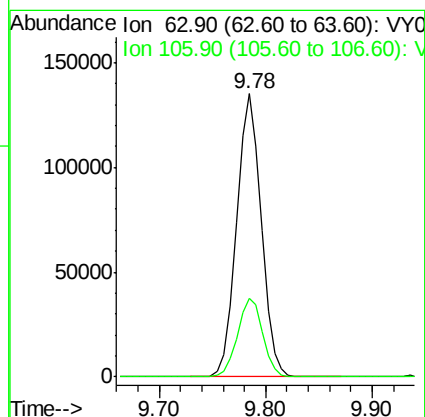
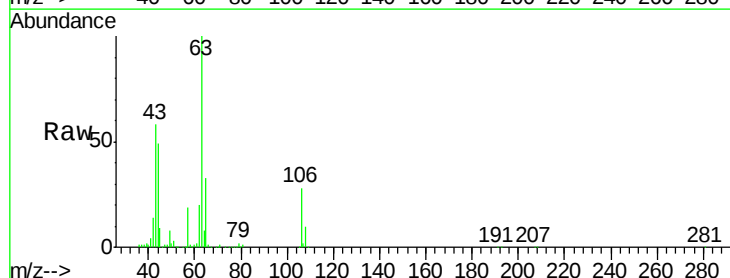
Acq: 08 Jul 2020 15:09

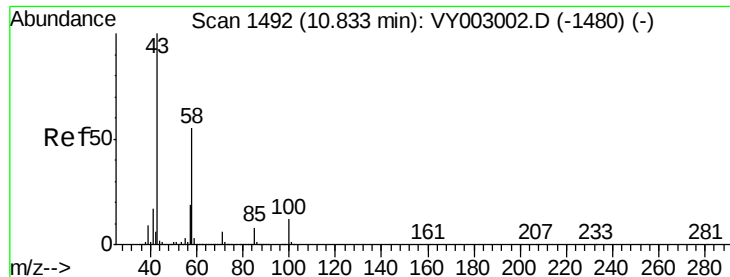
Tgt Ion: 63 Resp: 220124

Ion Ratio Lower Upper

63 100

106 28.2 21.5 32.3

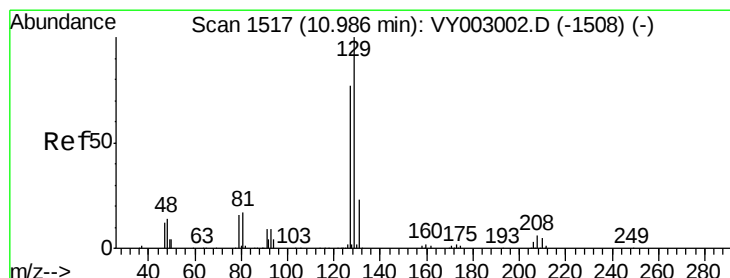
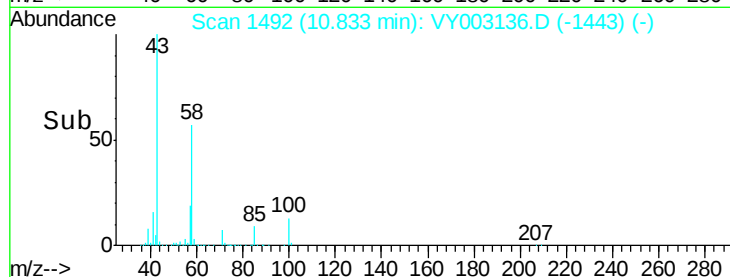
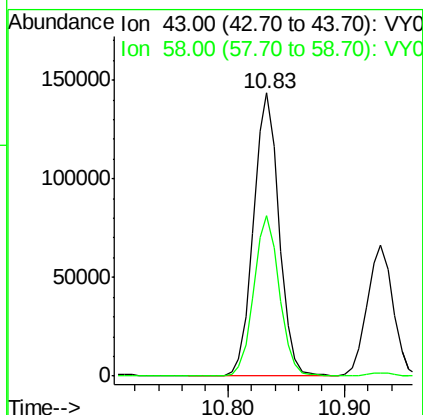
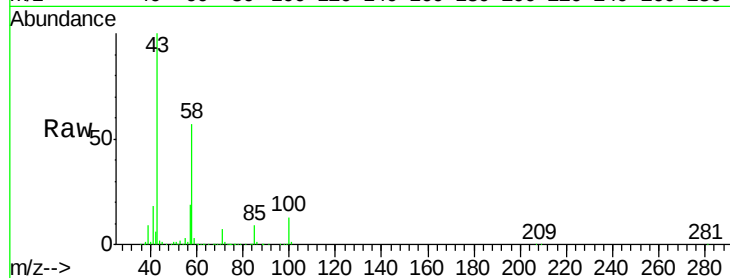




#59
2-Hexanone
Concen: 95.495 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

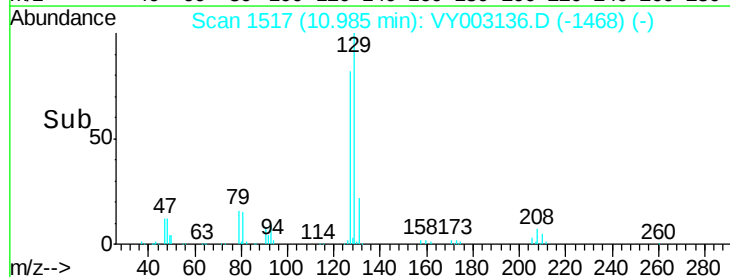
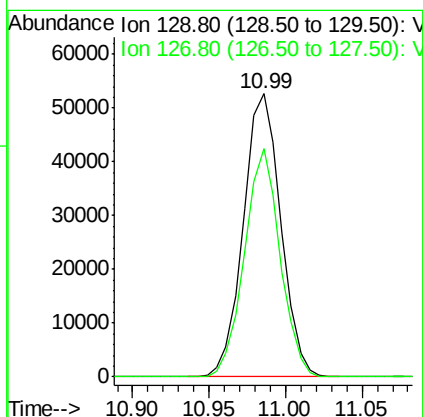
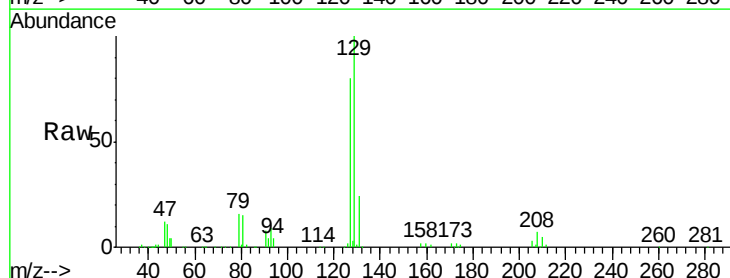
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

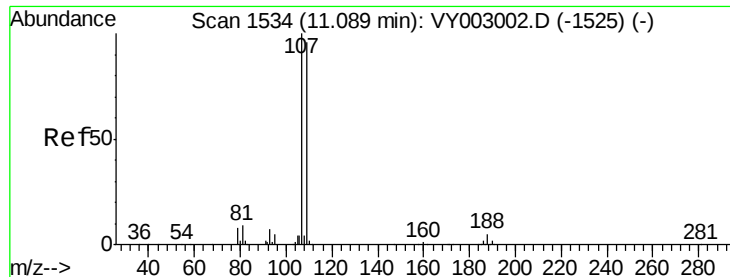
Tot Ion: 43 Resp: 219491
Ion Ratio Lower Upper
43 100
58 56.8 27.5 82.4



#60
Dibromochloromethane
Concen: 21.988 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 129 Resp: 89533
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3

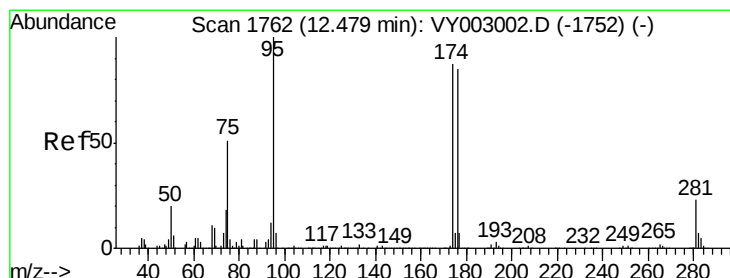
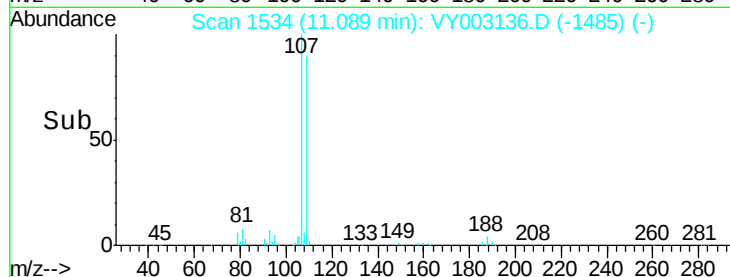
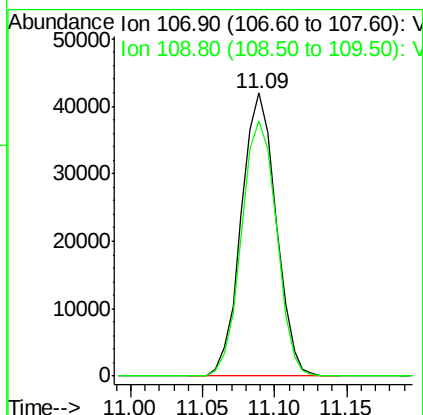
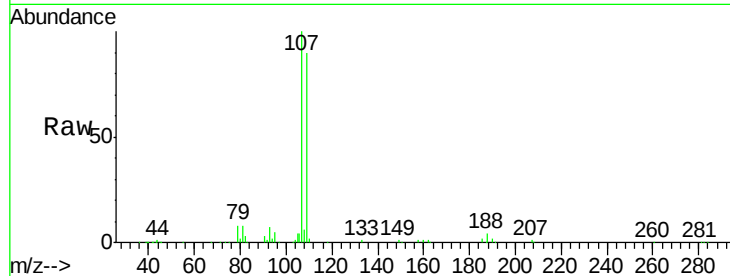




#61
1,2-Dibromoethane
Concen: 22.453 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

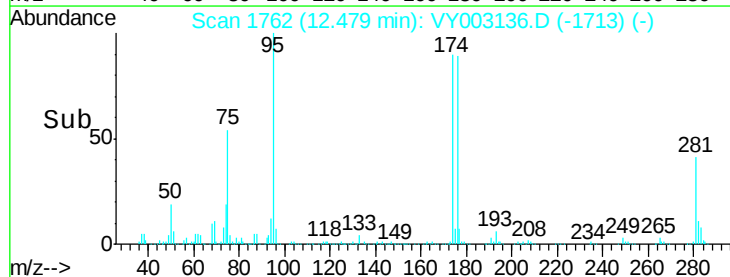
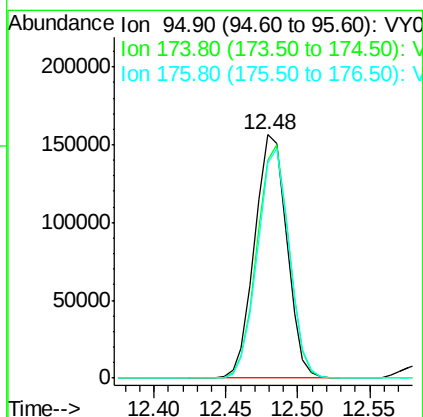
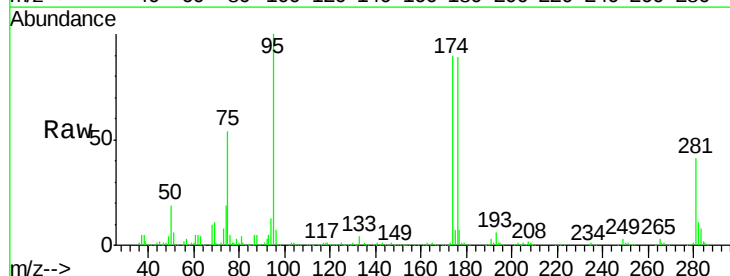
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

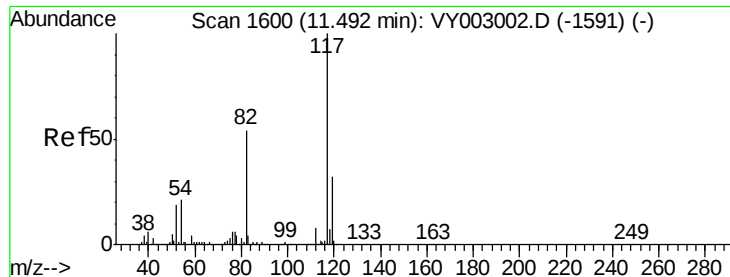
Tot Ion: 107 Resp: 70434
Ion Ratio Lower Upper
107 100
109 90.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.186 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 95 Resp: 241969
Ion Ratio Lower Upper
95 100
174 95.1 0.0 184.8
176 92.8 0.0 183.0

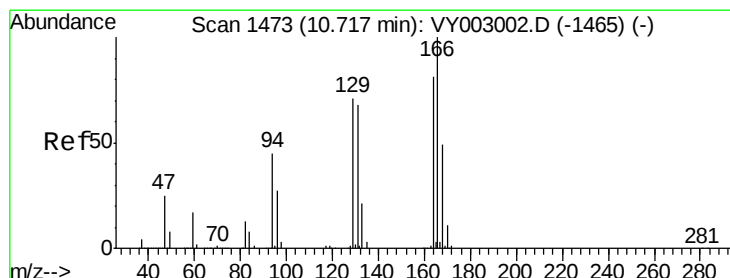
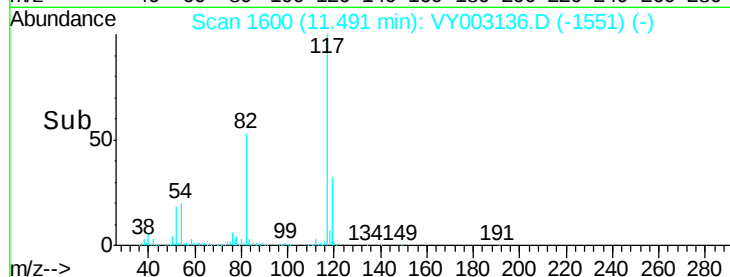
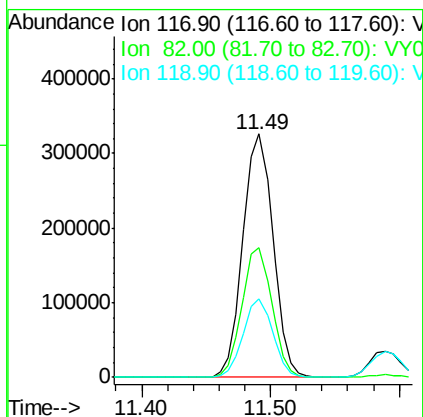
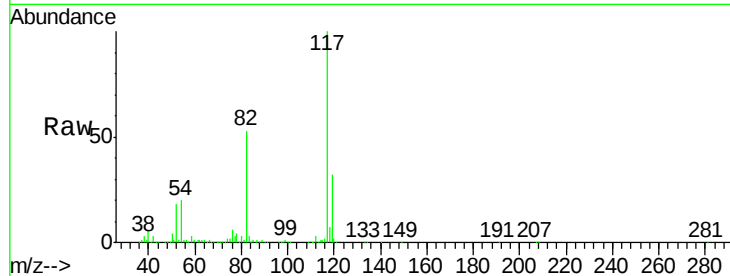




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

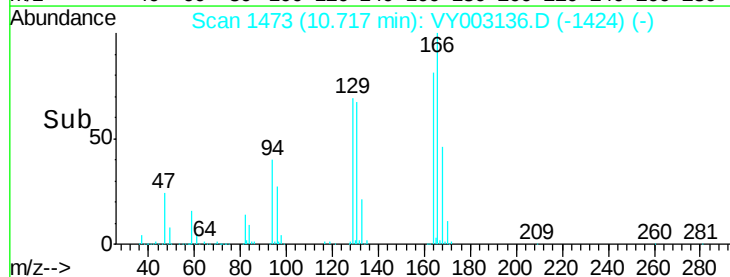
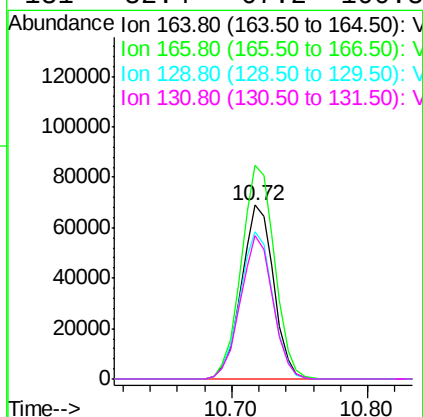
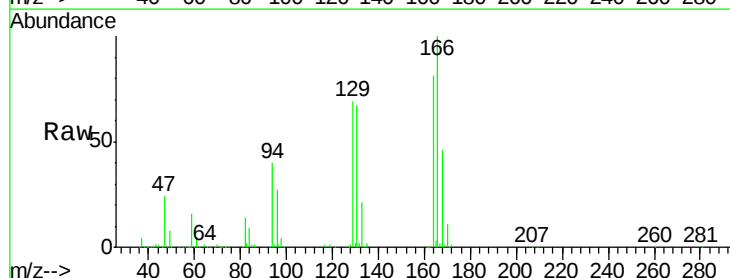
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

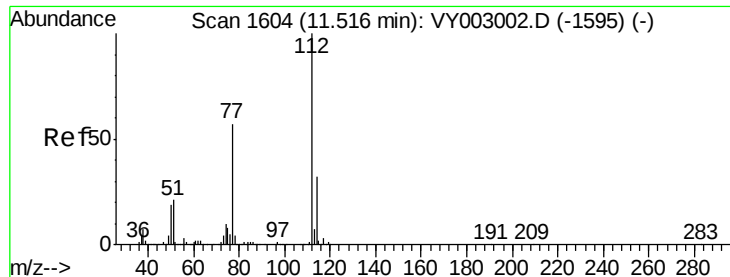
Tot Ion:117 Resp: 528489
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.6
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 25.437 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion:164 Resp: 113774
Ion Ratio Lower Upper
164 100
166 123.0 98.5 147.7
129 84.7 69.7 104.5
131 82.4 67.2 100.8





#65

Chlorobenzene

Concen: 22.389 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

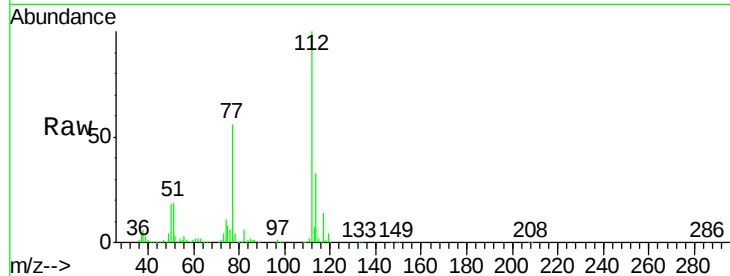
VY0708SBS01

Tot Ion:112 Resp: 233311

Ion Ratio Lower Upper

112 100

114 33.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

150000

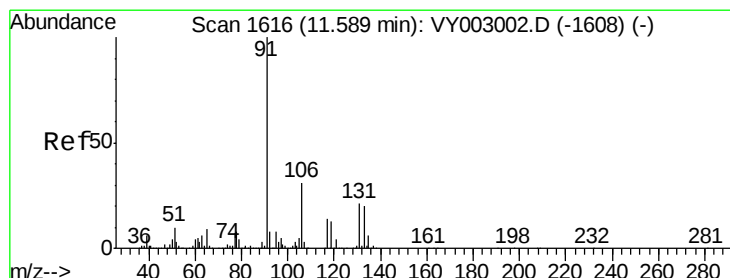
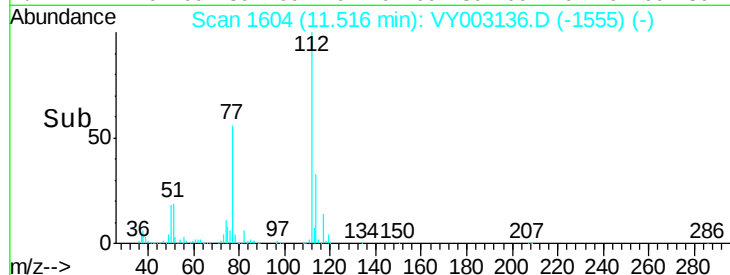
100000

50000

0

11.50 11.60

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.012 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

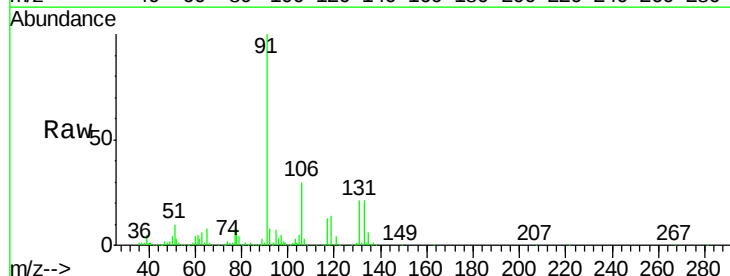
Tgt Ion:131 Resp: 89555

Ion Ratio Lower Upper

131 100

133 97.8 47.9 143.8

119 65.4 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.59

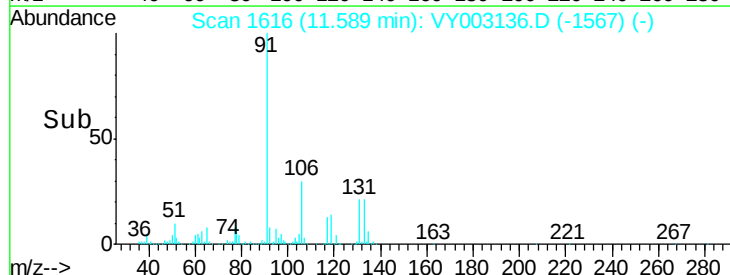
100000

50000

0

11.50 11.55 11.60 11.65

Time-->





#67

Ethyl Benzene

Concen: 21.923 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

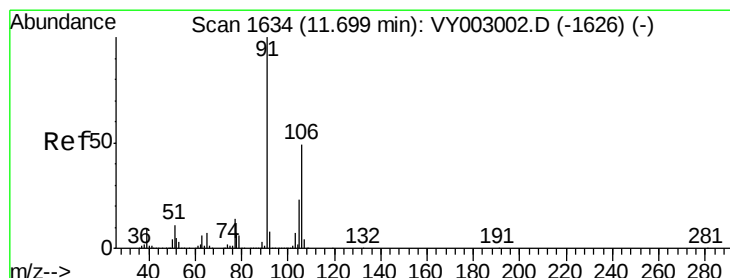
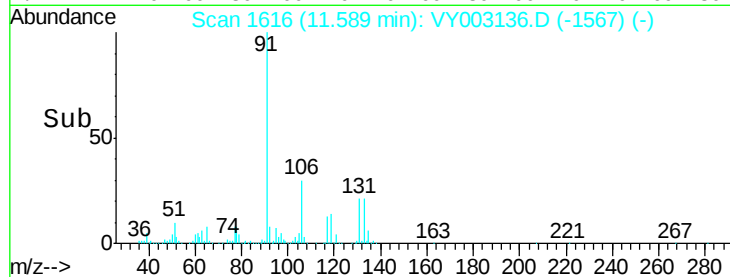
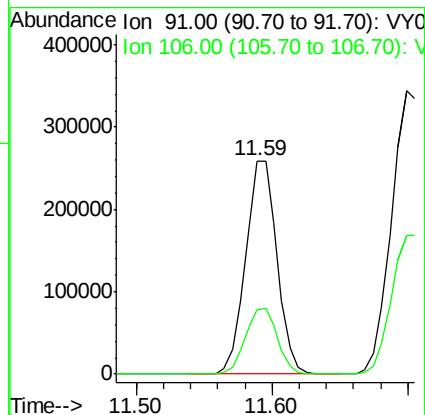
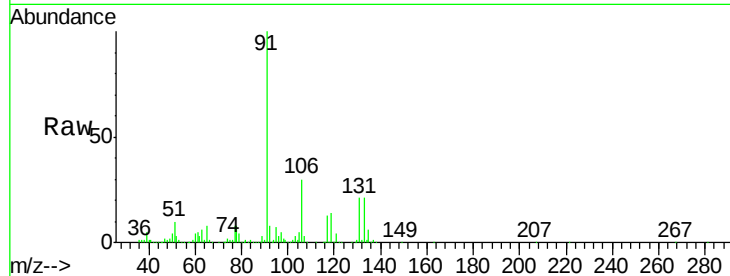
VY0708SBS01

Tot Ion: 91 Resp: 417944

Ion Ratio Lower Upper

91 100

106 30.1 25.0 37.4



#68

m/p-Xylenes

Concen: 44.664 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003136.D

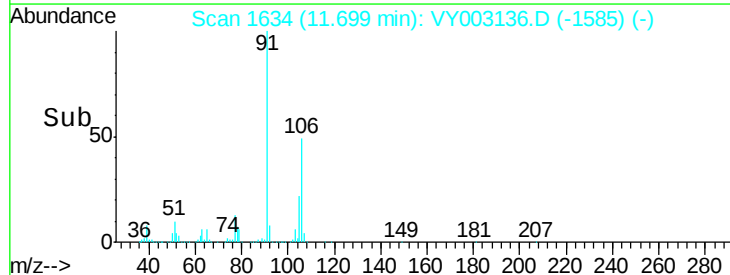
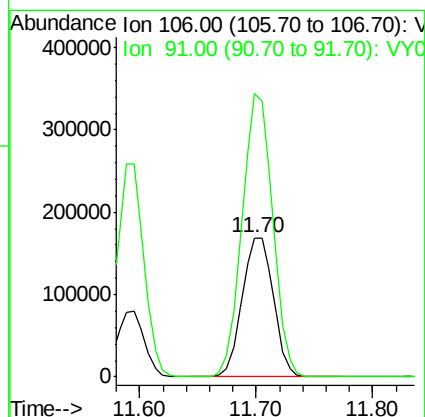
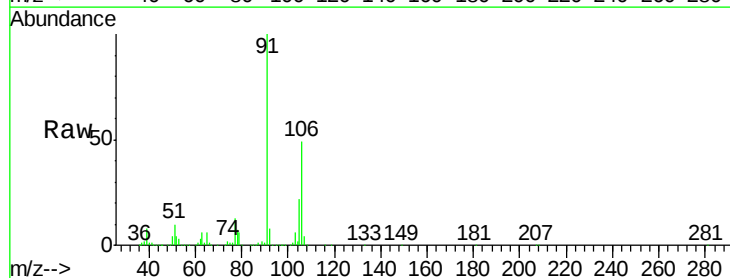
Acq: 08 Jul 2020 15:09

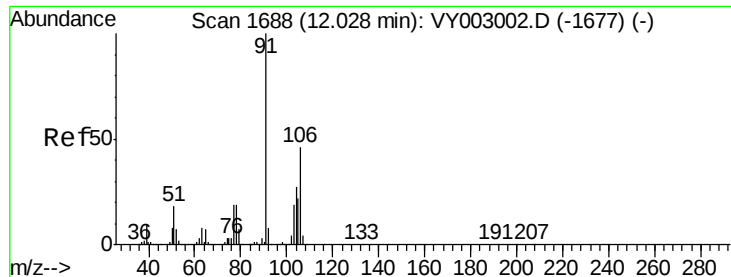
Tgt Ion: 106 Resp: 316909

Ion Ratio Lower Upper

106 100

91 199.3 161.9 242.9

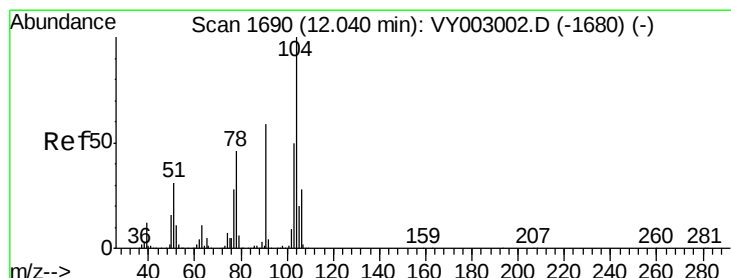
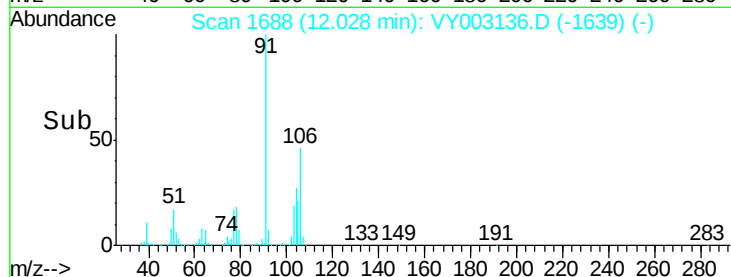
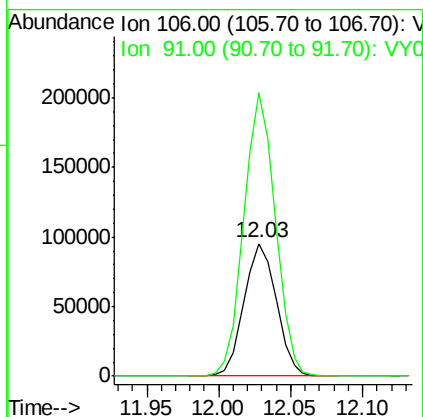
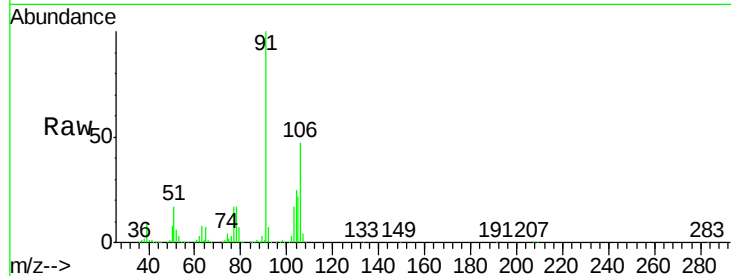




#69
o-Xylene
Concen: 22.174 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

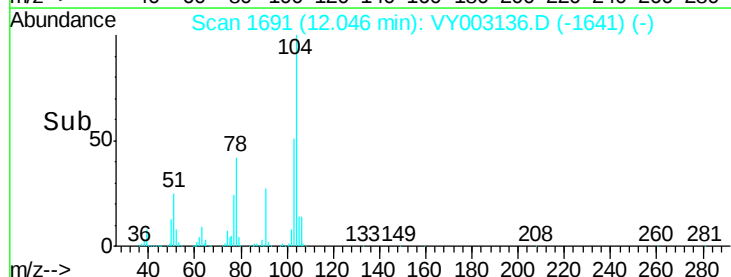
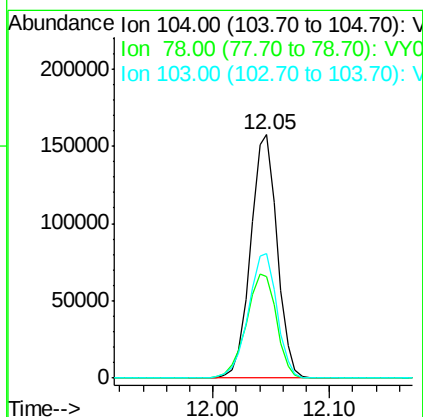
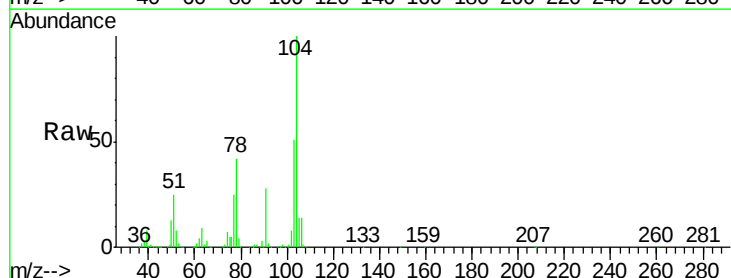
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

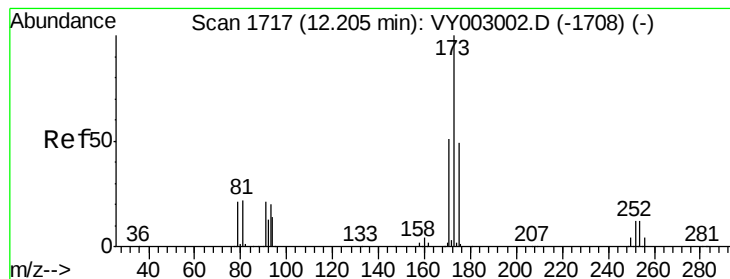
Tot Ion:106 Resp: 148261
Ion Ratio Lower Upper
106 100
91 208.2 107.9 323.8



#70
Styrene
Concen: 21.908 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion:104 Resp: 250247
Ion Ratio Lower Upper
104 100
78 48.5 40.4 60.6
103 55.7 44.1 66.1





#71

Bromoform

Concen: 21.405 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

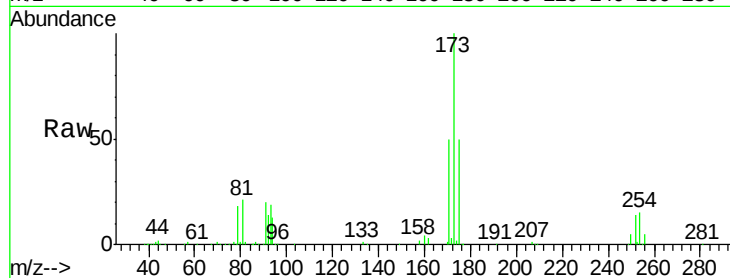
Tot Ion:173 Resp: 58069

Ion Ratio Lower Upper

173 100

175 49.8 24.6 73.6

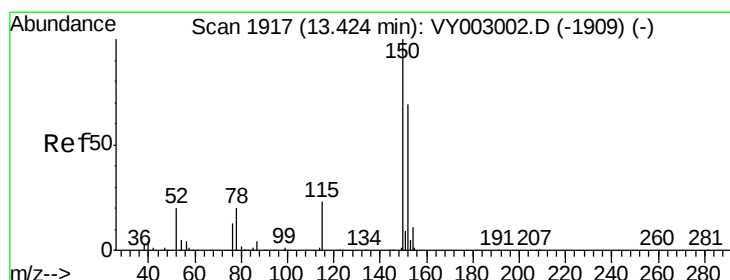
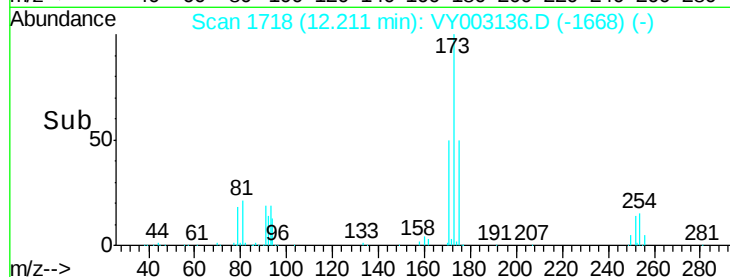
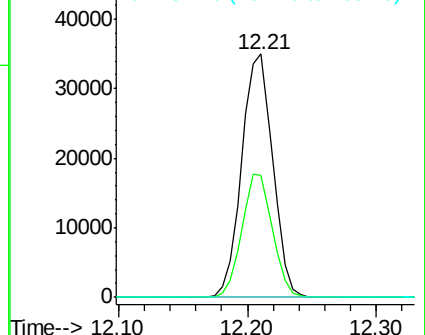
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

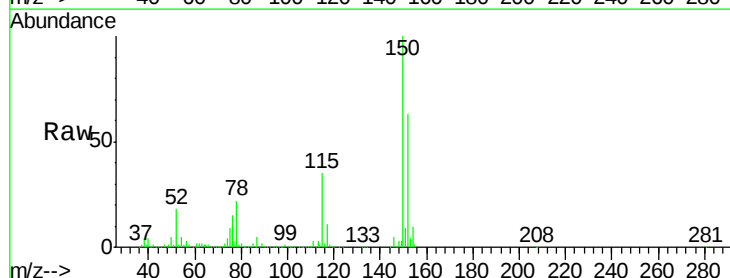
Tgt Ion:152 Resp: 285376

Ion Ratio Lower Upper

152 100

115 54.2 27.3 81.9

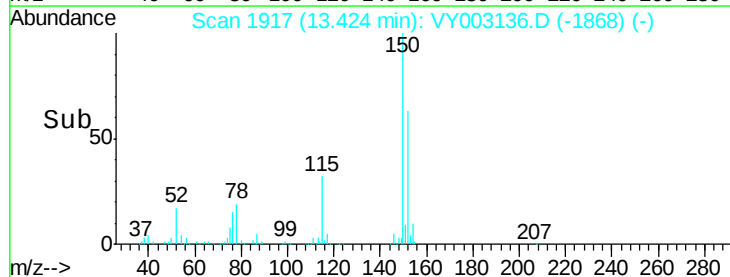
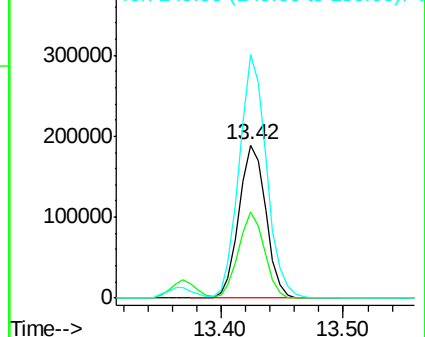
150 162.4 0.0 343.4

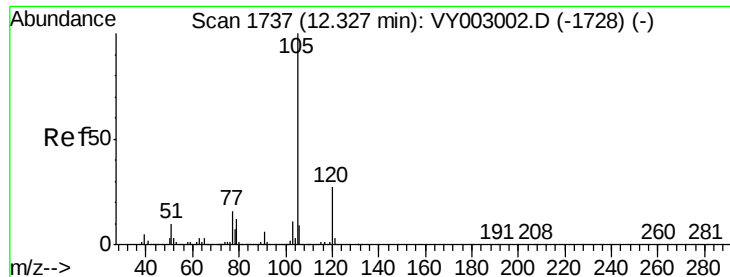


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.846 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

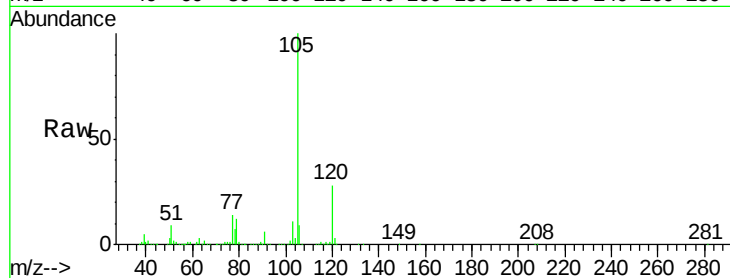
VY0708SBS01

Tot Ion:105 Resp: 408017

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

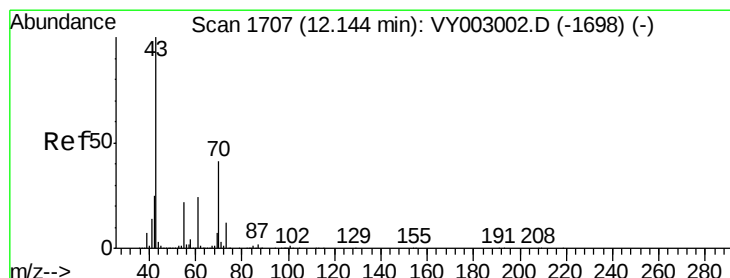
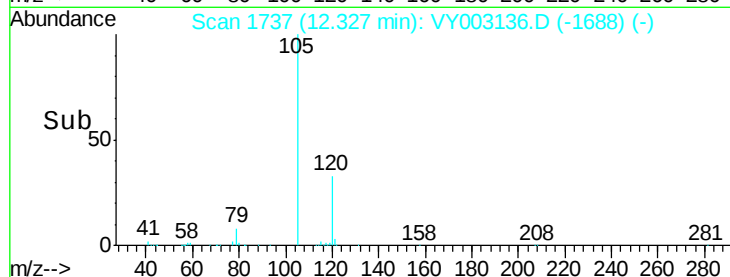
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.317 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion: 43 Resp: 111371

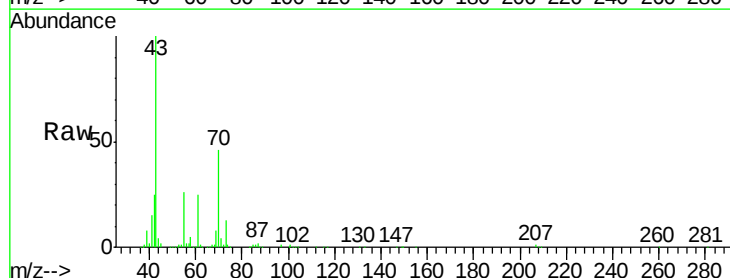
Ion Ratio Lower Upper

43 100

70 45.0 33.0 49.4

55 25.7 18.2 27.2

61 25.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

120000

100000

80000

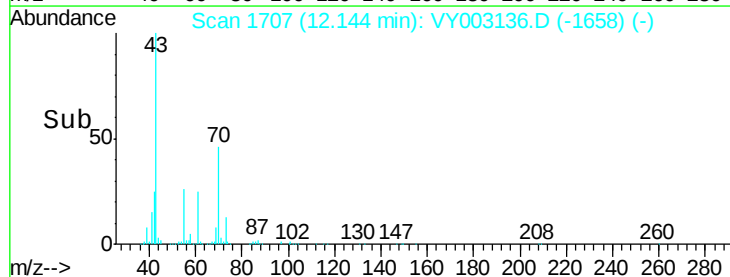
60000

40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.066 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

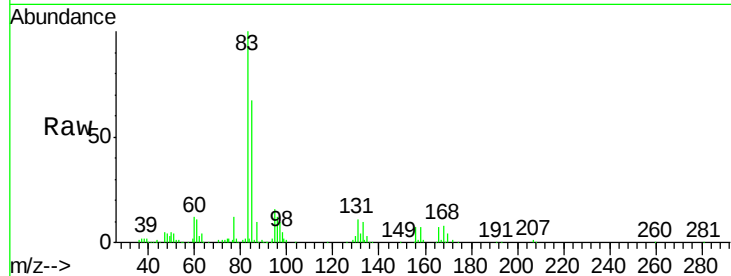
Tot Ion: 83 Resp: 75629

Ion Ratio Lower Upper

83 100

131 11.5 5.3 16.1

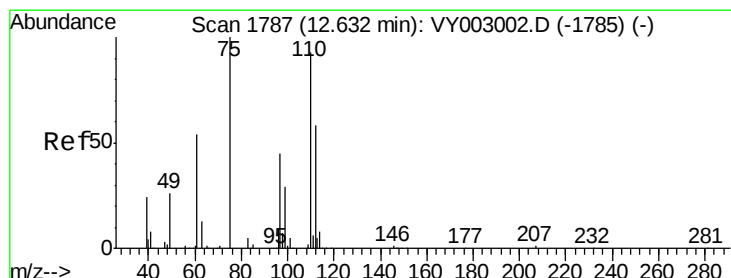
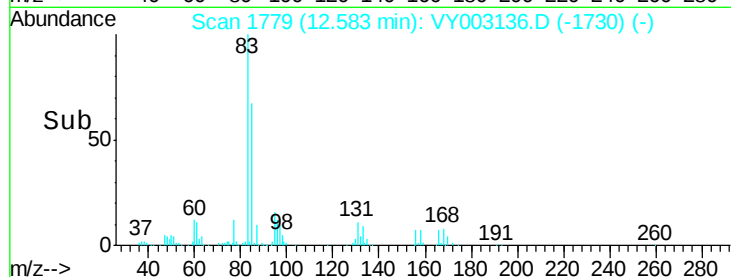
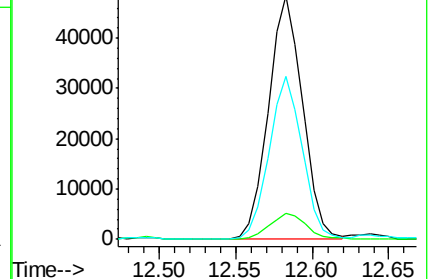
85 64.8 32.1 96.3



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: 38.059 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY003136.D

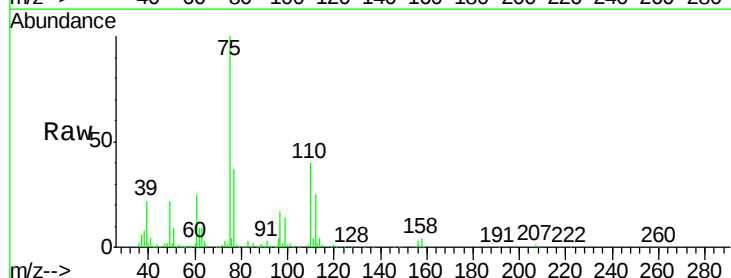
Acq: 08 Jul 2020 15:09

Tgt Ion: 75 Resp: 107492

Ion Ratio Lower Upper

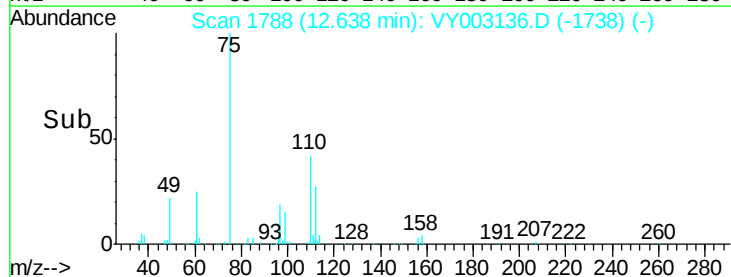
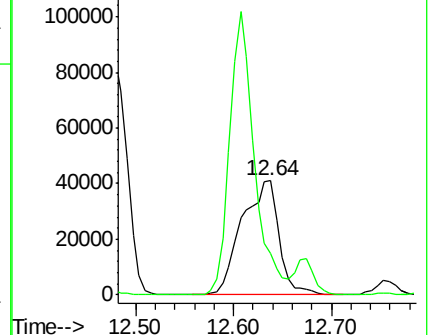
75 100

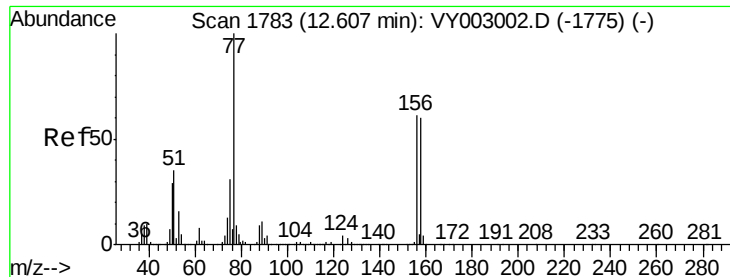
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.791 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampled :

VY0708SBS01

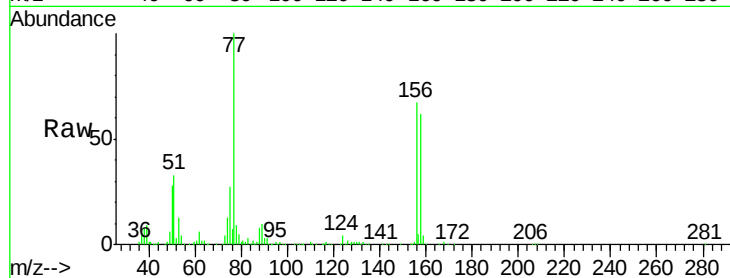
Tot Ion:156 Resp: 104349

Ion Ratio Lower Upper

156 100

77 172.0 90.0 270.0

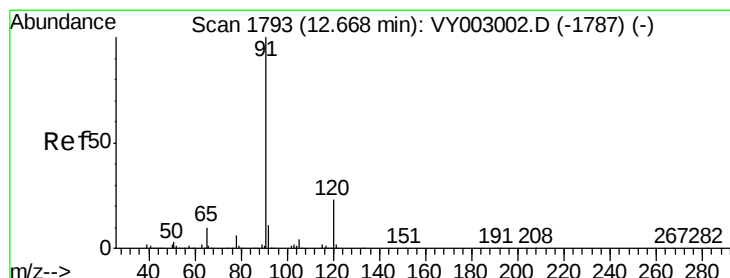
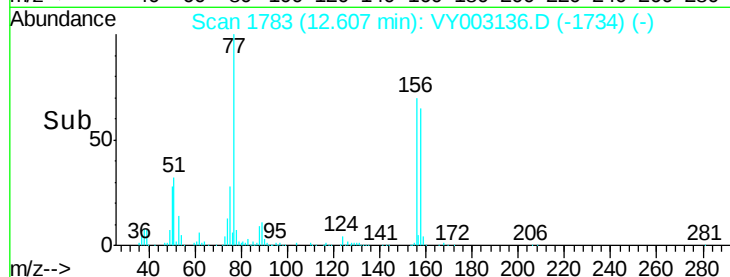
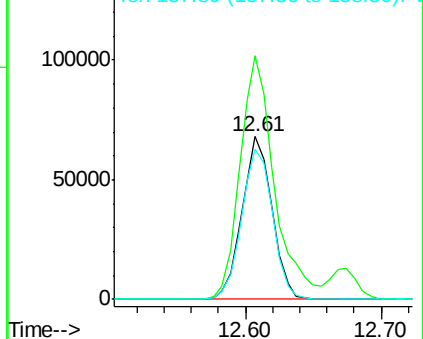
158 95.9 48.5 145.5



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: 21.633 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY003136.D

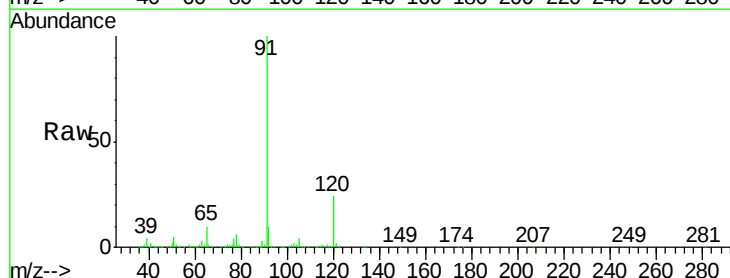
Acq: 08 Jul 2020 15:09

Tgt Ion: 91 Resp: 485901

Ion Ratio Lower Upper

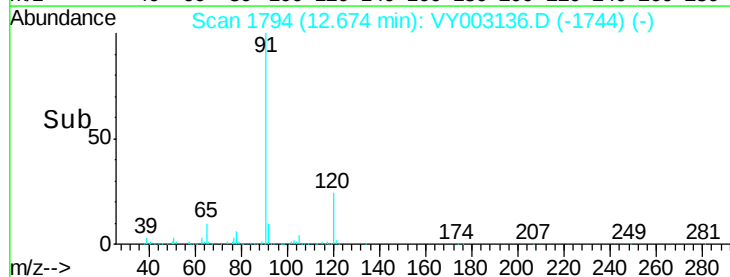
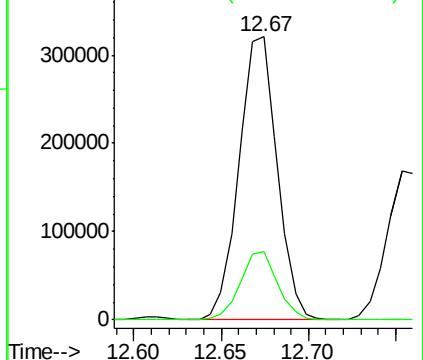
91 100

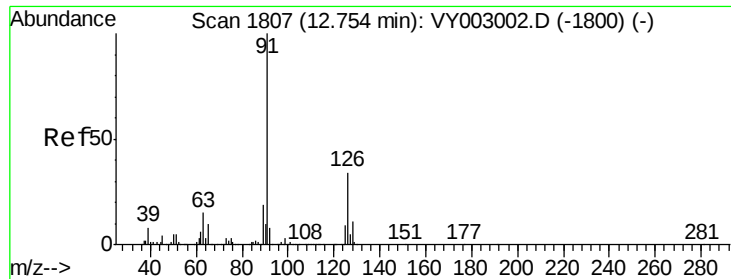
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

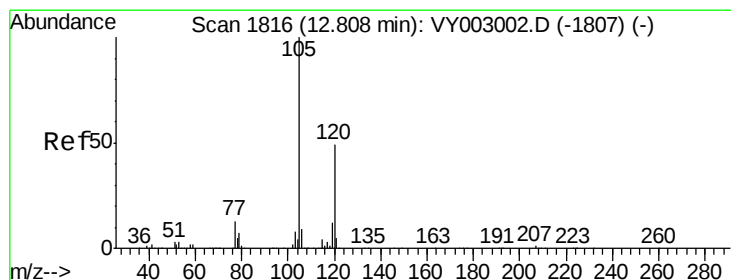
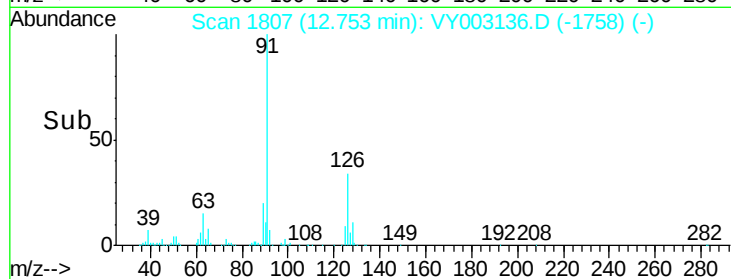
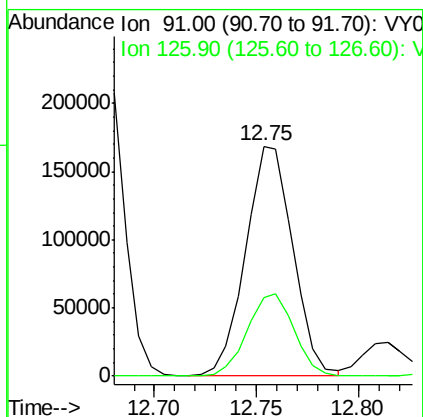
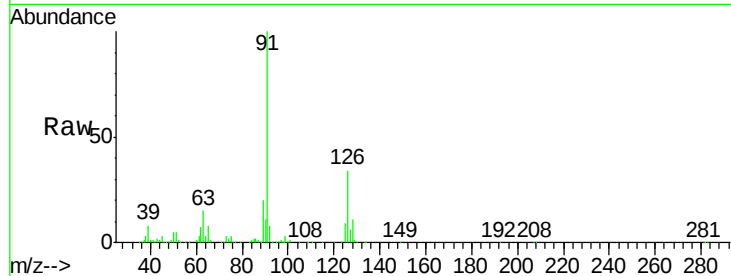




#79
 2-Chlorotoluene
 Concen: 21.570 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

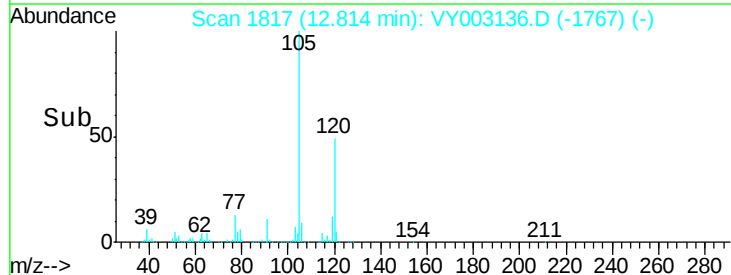
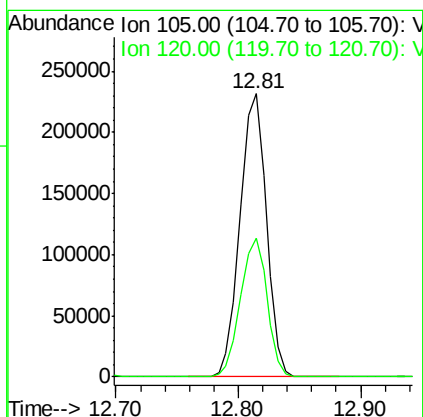
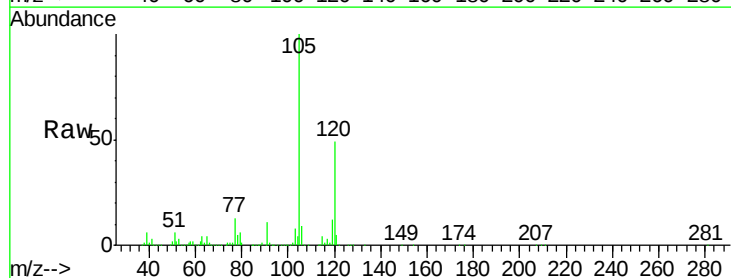
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

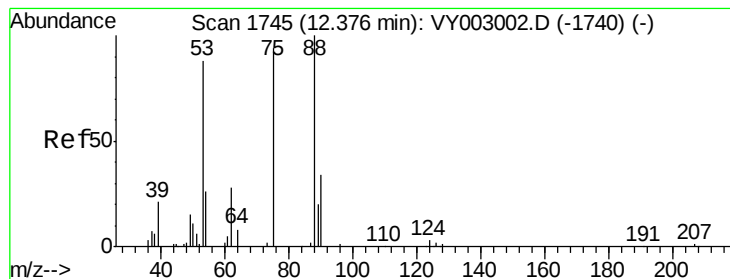
Tot Ion: 91 Resp: 270436
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 22.084 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion: 105 Resp: 346107
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.859 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

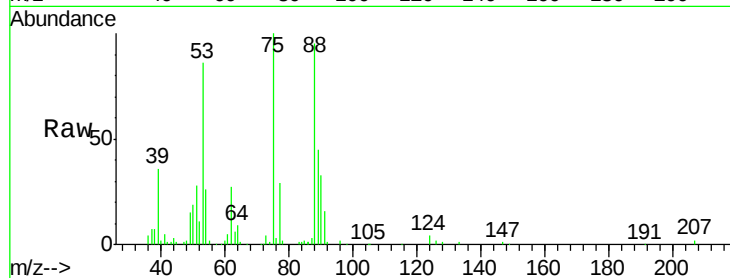
Tot Ion: 75 Resp: 28829

Ion Ratio Lower Upper

75 100

53 88.2 73.9 110.9

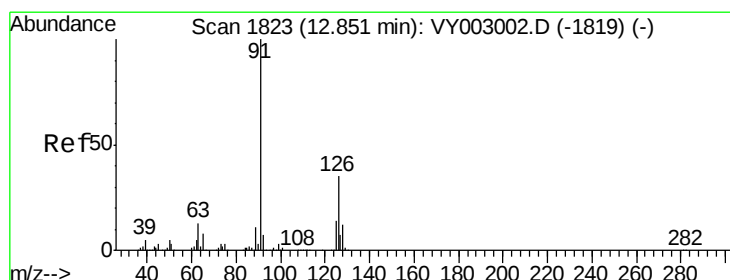
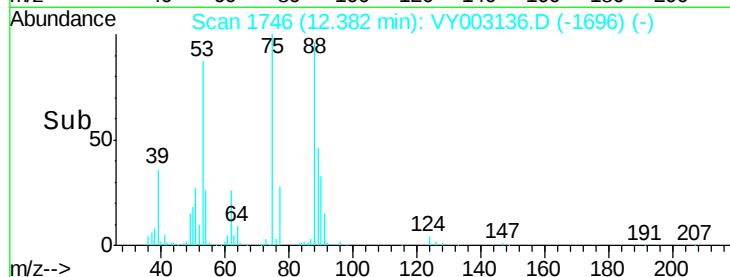
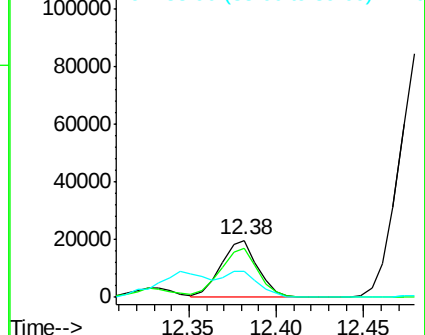
89 44.7 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.410 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003136.D

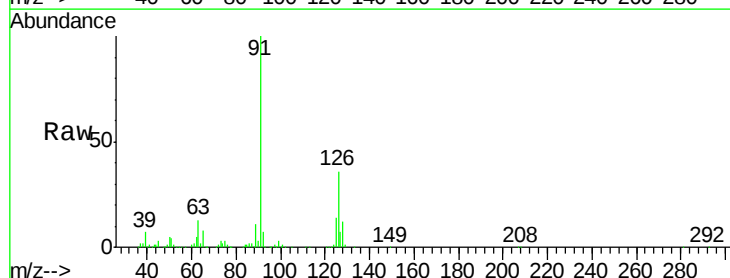
Acq: 08 Jul 2020 15:09

Tgt Ion: 91 Resp: 279476

Ion Ratio Lower Upper

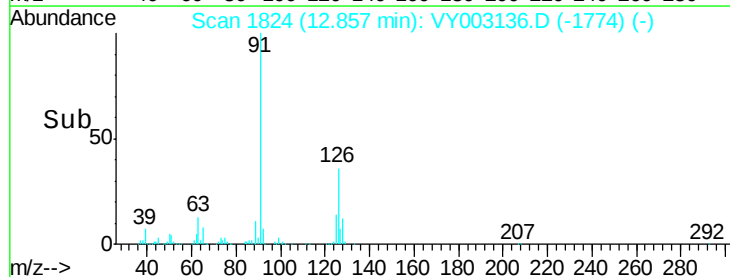
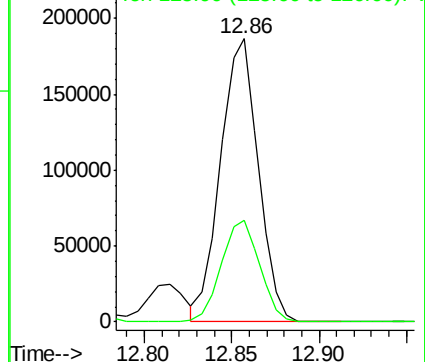
91 100

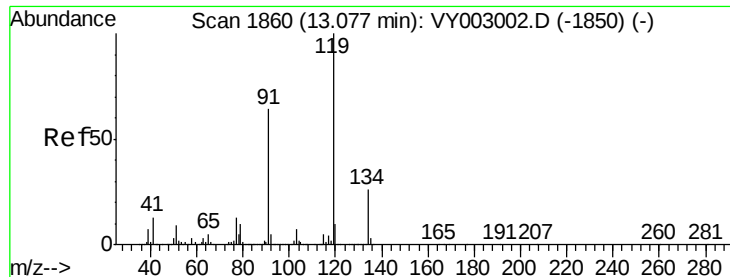
126 36.5 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.590 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

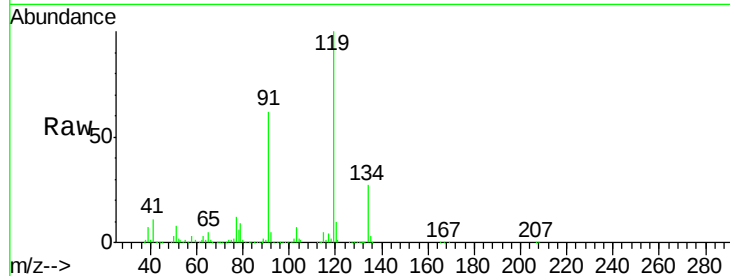
Tot Ion:119 Resp: 297113

Ion Ratio Lower Upper

119 100

91 62.4 31.6 95.0

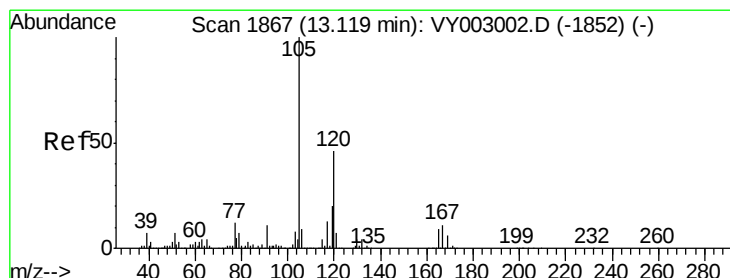
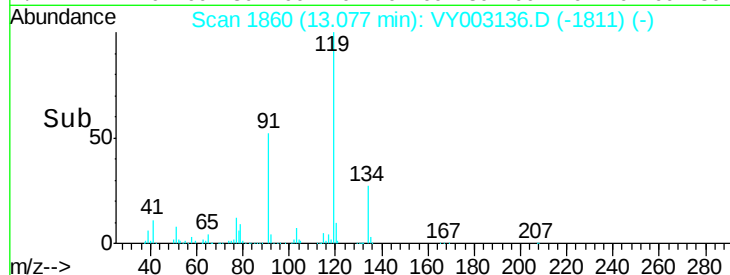
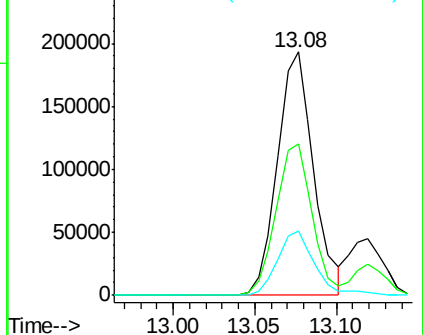
134 27.5 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.582 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003136.D

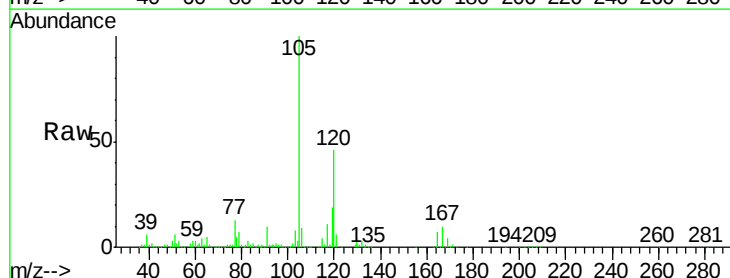
Acq: 08 Jul 2020 15:09

Tgt Ion:105 Resp: 340837

Ion Ratio Lower Upper

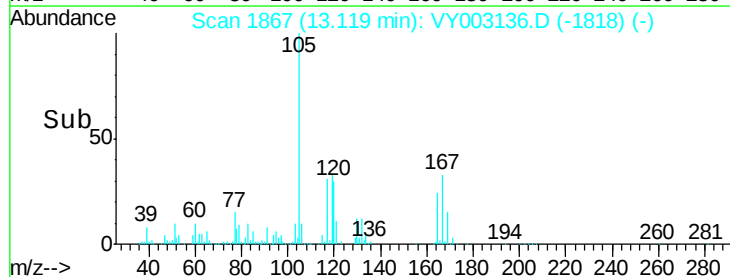
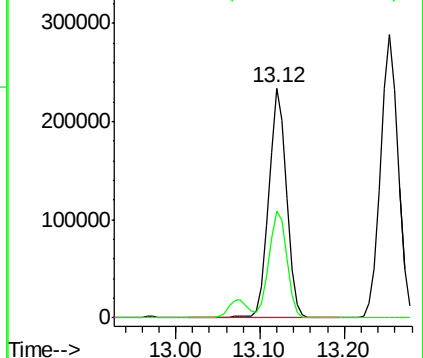
105 100

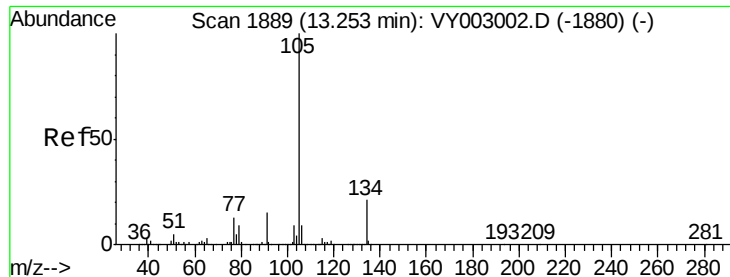
120 47.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.201 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

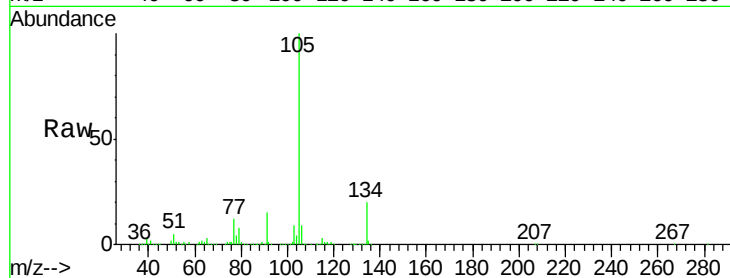
VY0708SBS01

Tot Ion:105 Resp: 421116

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

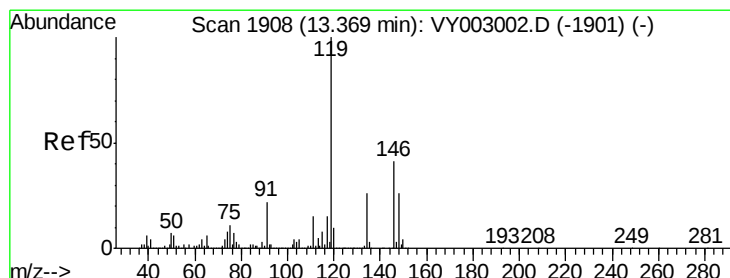
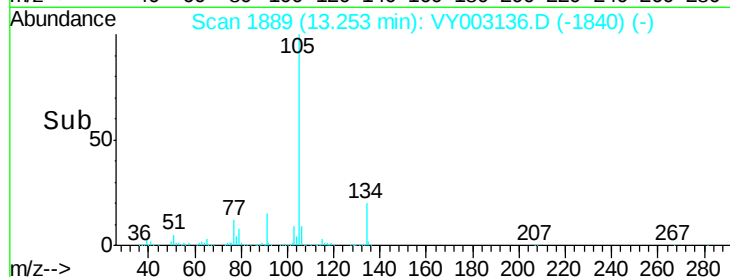
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.195 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

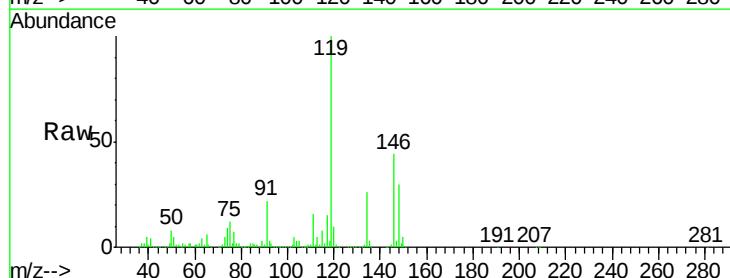
Tgt Ion:119 Resp: 390099

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 22.5 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

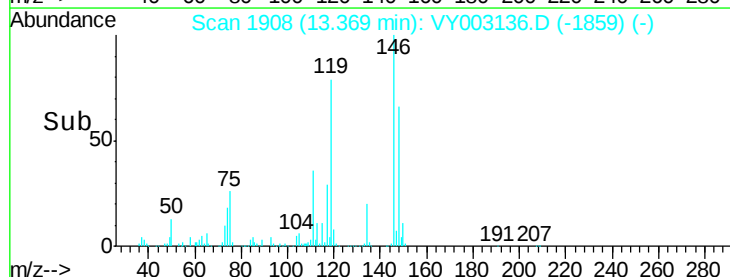
300000

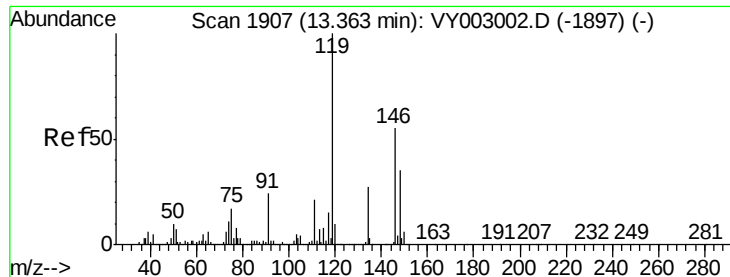
200000

100000

0

Time-->

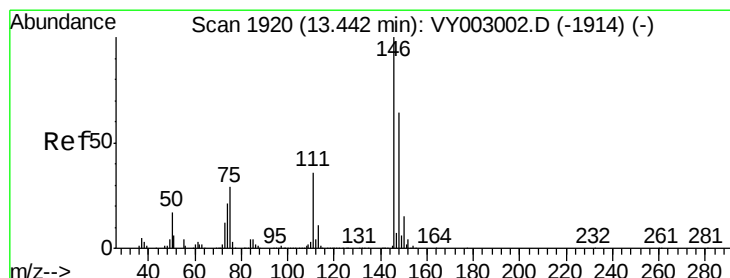
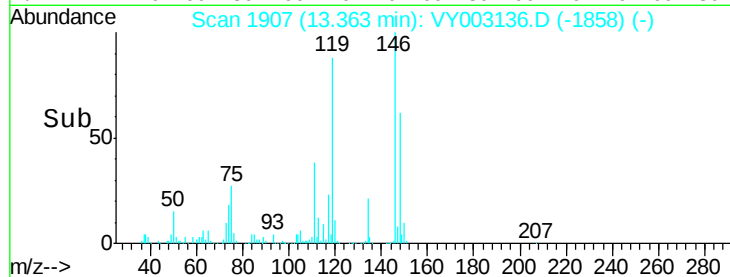
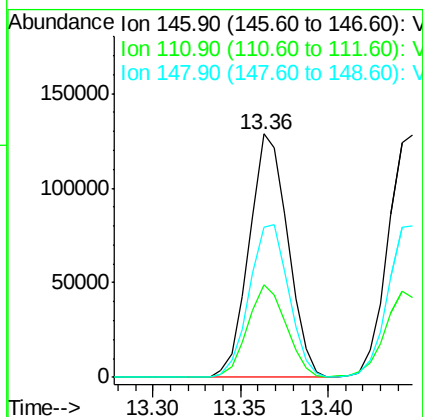
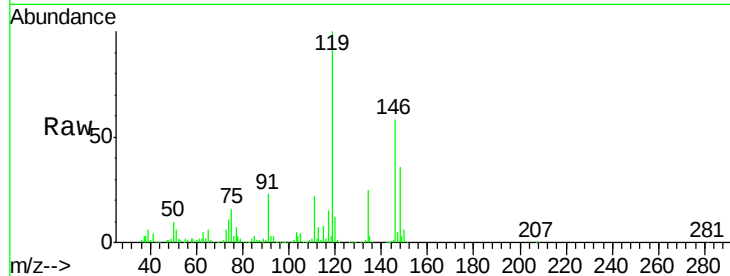




#87
 1,3-Dichlorobenzene
 Concen: 22.174 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

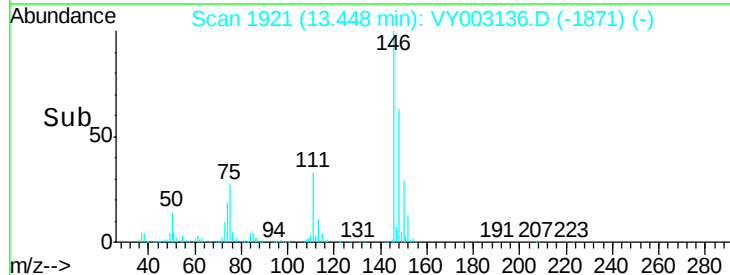
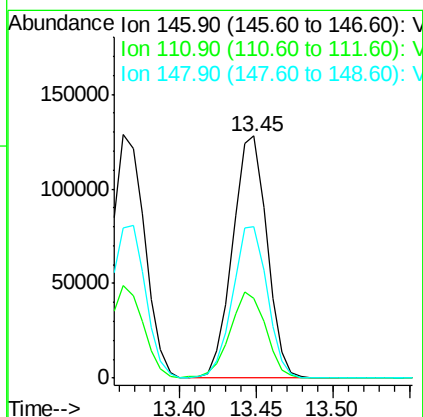
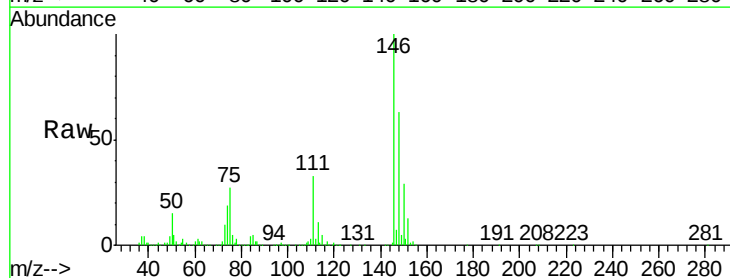
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

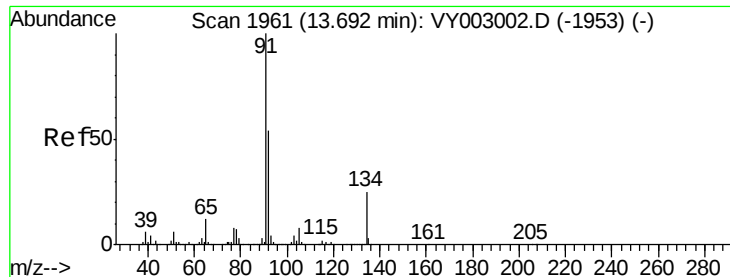
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	64.1	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 22.577 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.4
148	63.3	32.3	96.9





#89

n-Butylbenzene

Concen: 22.042 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

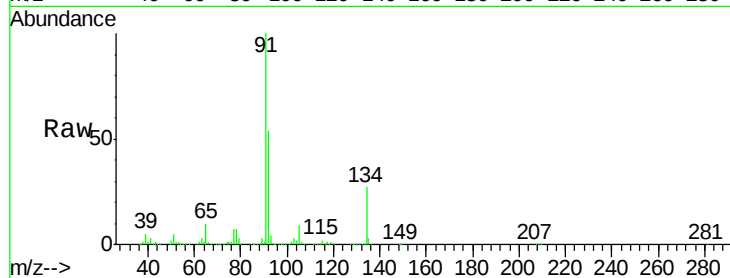
Tot Ion: 91 Resp: 370672

Ion Ratio Lower Upper

91 100

92 53.7 26.8 80.3

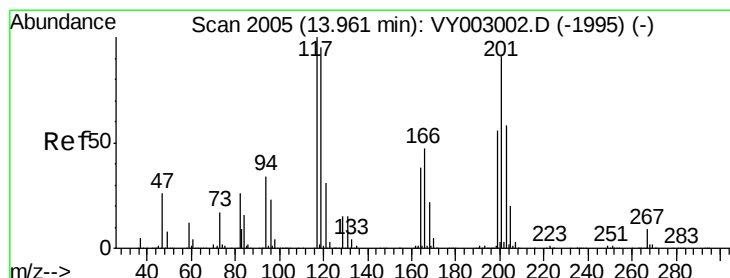
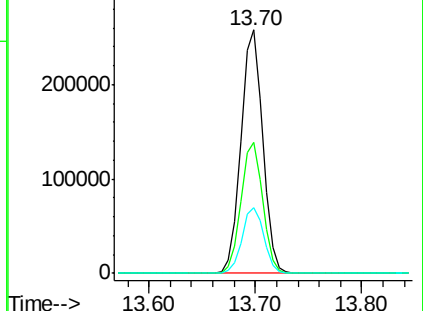
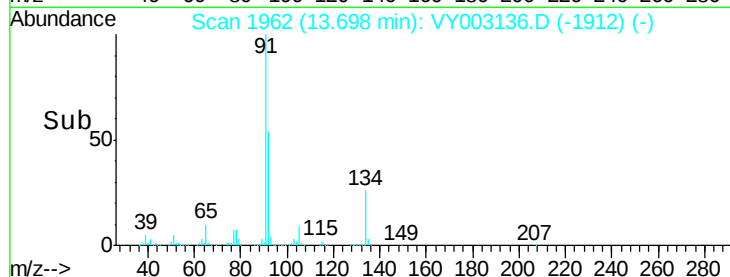
134 27.1 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY003136.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY003136.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY003136.D (-1912) (-)



#90

Hexachloroethane

Concen: 20.339 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003136.D

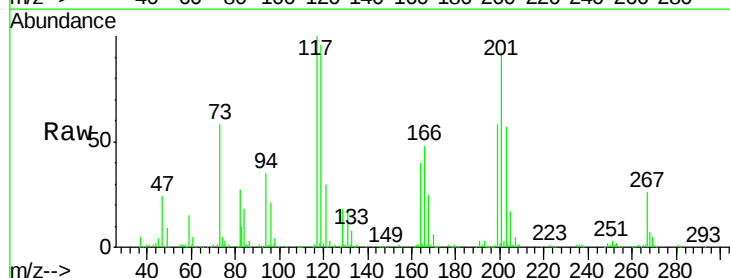
Acq: 08 Jul 2020 15:09

Tgt Ion: 117 Resp: 70986

Ion Ratio Lower Upper

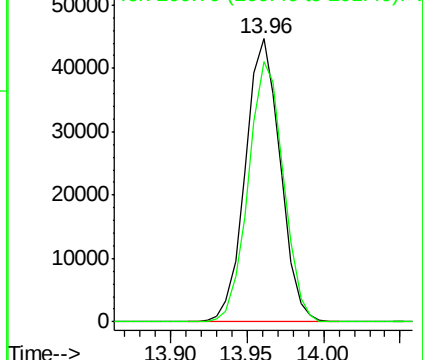
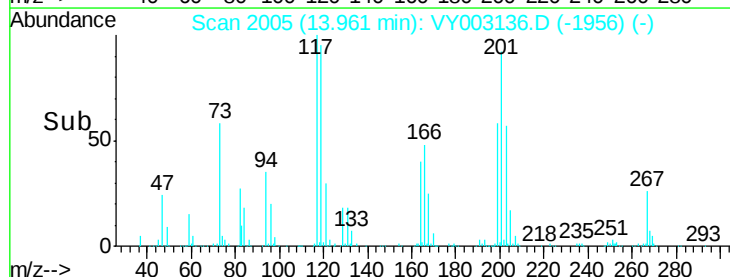
117 100

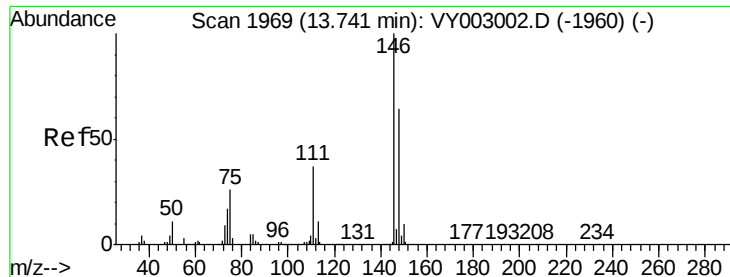
201 92.0 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): VY003136.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003136.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 21.890 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

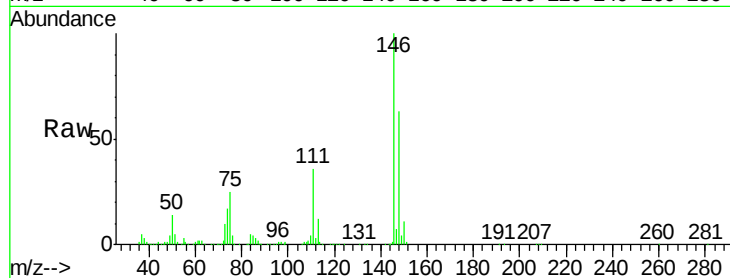
Tot Ion:146 Resp: 175584

Ion Ratio Lower Upper

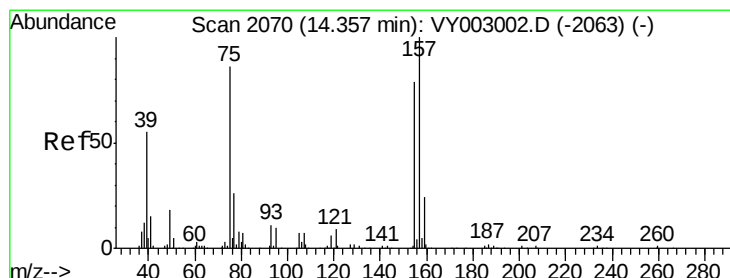
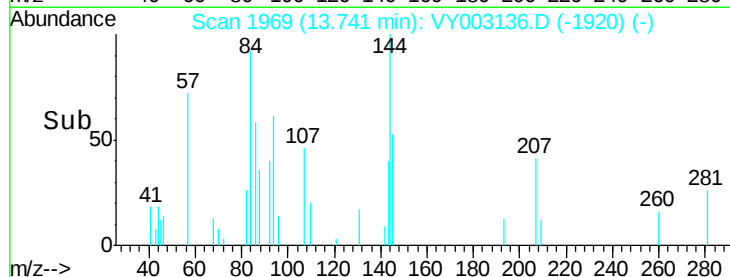
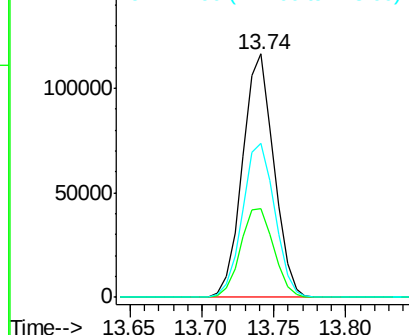
146 100

111 38.7 19.1 57.5

148 65.2 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: 19.871 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

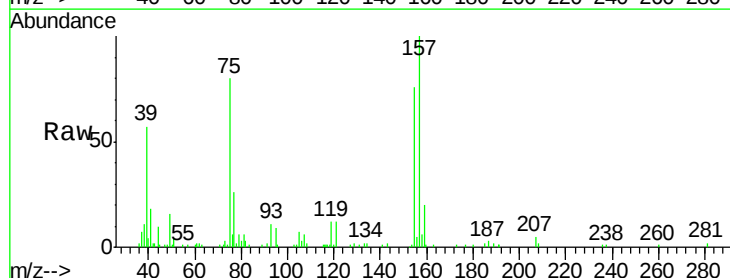
Tgt Ion: 75 Resp: 13258

Ion Ratio Lower Upper

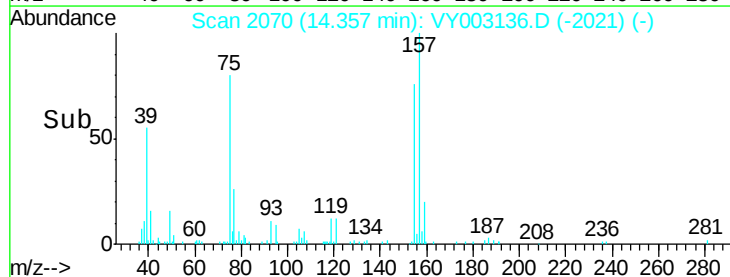
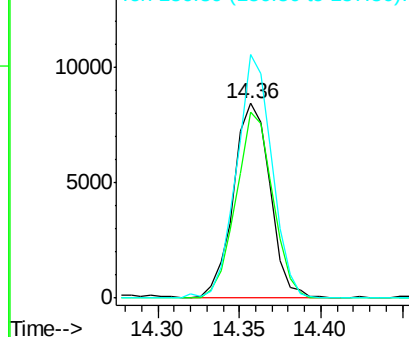
75 100

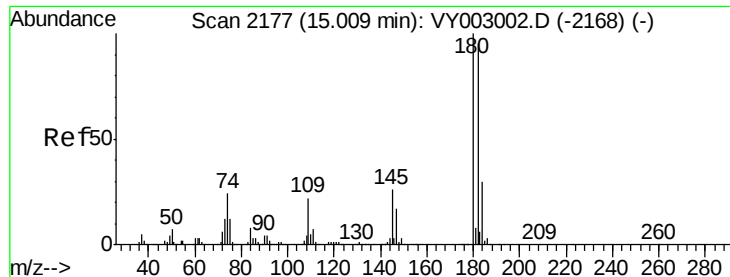
155 94.7 46.5 139.3

157 120.7 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

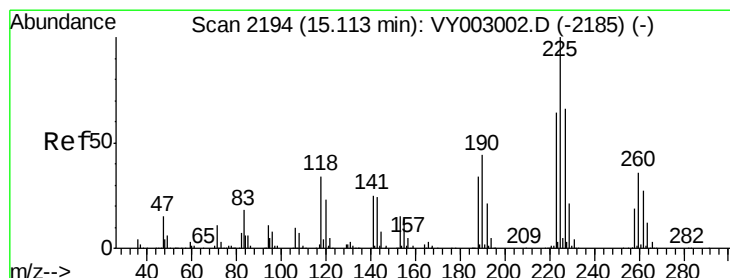
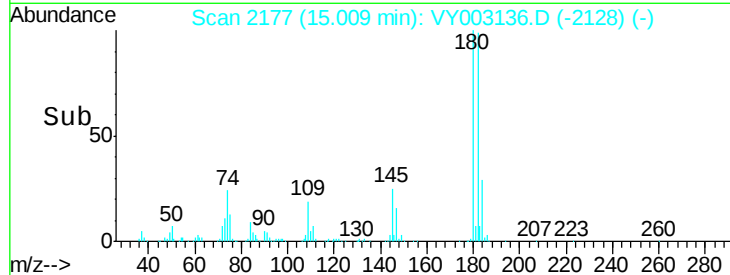
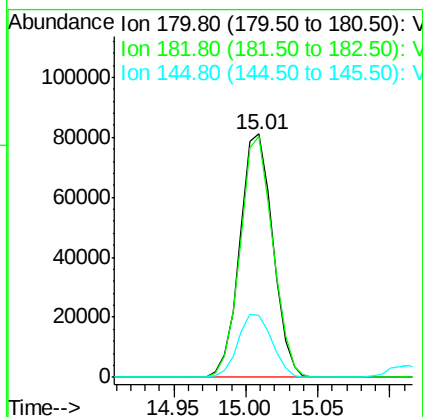
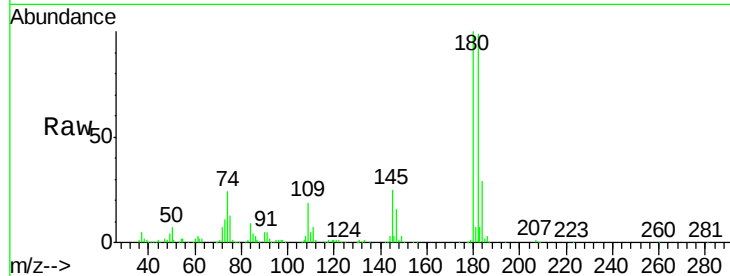




#93
 1,2,4-Trichlorobenzene
 Concen: 21.592 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

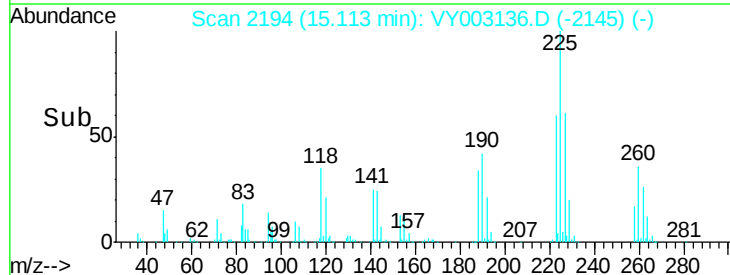
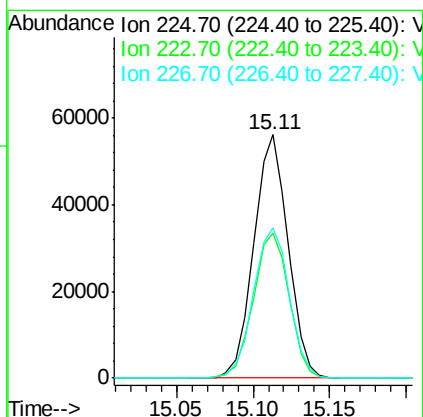
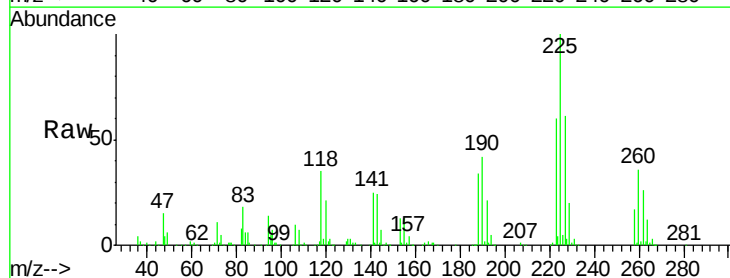
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

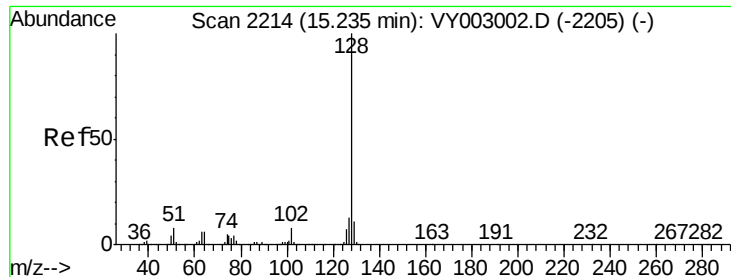
Tot Ion:180 Resp: 128698
 Ion Ratio Lower Upper
 180 100
 182 97.7 48.1 144.3
 145 26.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 23.246 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion:225 Resp: 87394
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.4 97.0
 227 64.4 32.4 97.2

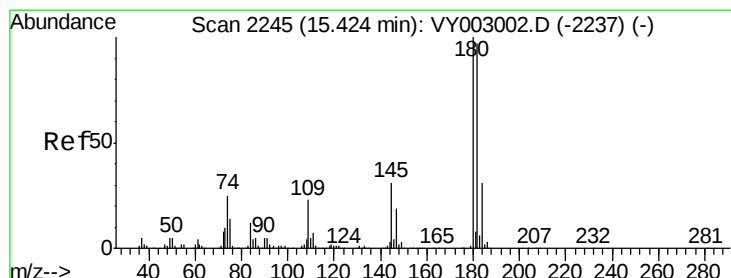
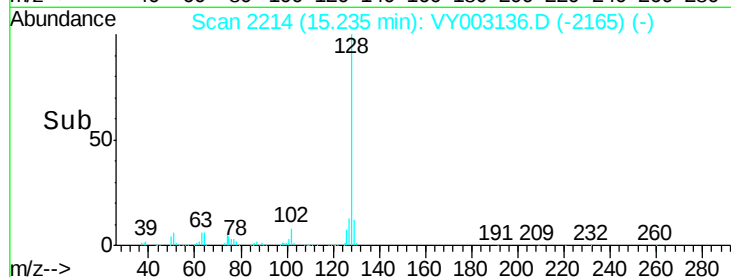
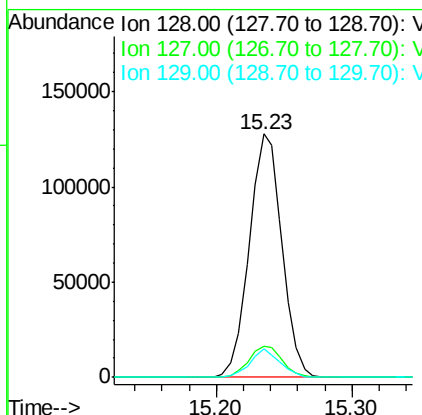
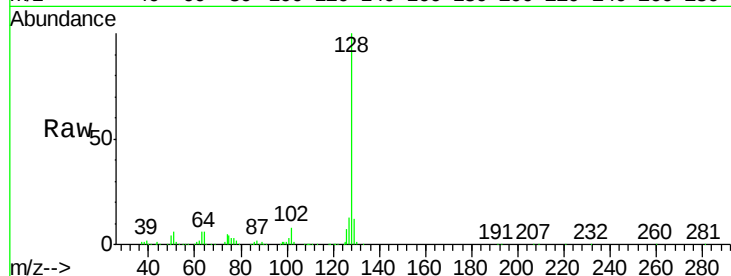




#95
Naphthalene
Concen: 19.742 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion:128 Resp: 214926
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.394 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion:180 Resp: 105551
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 28.9 14.7 44.1

