

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000098.D
 Acq On : 20 Sep 2019 11:20
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:32:24 AM

Quant Time: Sep 21 00:00:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	99636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	194192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	166584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	74412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	58835	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.72	113	57028	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.18	98	231104	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.48	95	80971	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	1359	Below Cal	96
4) Vinyl Chloride	2.25	62	9007	8.102 ug/l	97
5) Bromomethane	2.62	94	9842	12.168 ug/l #	61
6) Chloroethane	2.78	64	9815	13.171 ug/l	90
7) Trichlorofluoromethane	3.12	101	24716	16.079 ug/l	96
8) Diethyl Ether	3.53	74	12118	18.411 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	19739	18.717 ug/l #	70
10) Methyl Iodide	4.09	142	15921	14.517 ug/l	99
11) Tert butyl alcohol	4.97	59	12714	93.556 ug/l	96
12) 1,1-Dichloroethene	3.87	96	16364	16.833 ug/l #	91
13) Acrolein	3.73	56	7865	94.590 ug/l	98
14) Allyl chloride	4.48	41	28666	19.293 ug/l	99
15) Acrylonitrile	5.18	53	37877	95.970 ug/l	98
16) Acetone	3.95	43	23007	86.200 ug/l #	86
17) Carbon Disulfide	4.18	76	26254	12.592 ug/l #	86
18) Methyl Acetate	4.48	43	16819	18.862 ug/l	95
19) Methyl tert-butyl Ether	5.22	73	64313	21.169 ug/l	98
20) Methylene Chloride	4.71	84	26208	20.874 ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	20654	19.112 ug/l #	82
22) Diisopropyl ether	6.12	45	75805	22.581 ug/l	91
23) Vinyl Acetate	6.06	43	235569	104.845 ug/l	96
24) 1,1-Dichloroethane	6.01	63	42286	21.282 ug/l	97
25) 2-Butanone	6.99	43	45043	93.174 ug/l	99
26) 2,2-Dichloropropane	6.98	77	40919	21.822 ug/l	93
27) cis-1,2-Dichloroethene	6.98	96	29542	21.591 ug/l	97
28) Bromochloromethane	7.34	49	19234	20.883 ug/l	95
29) Tetrahydrofuran	7.35	42	28256	97.363 ug/l	98
30) Chloroform	7.51	83	43246	21.090 ug/l	99
31) Cyclohexane	7.79	56	30159	18.550 ug/l	89
32) 1,1,1-Trichloroethane	7.70	97	36843	22.121 ug/l	98
36) 1,1-Dichloropropene	7.92	75	30506	21.009 ug/l	99
37) Ethyl Acetate	7.08	43	19085	19.719 ug/l	96
38) Carbon Tetrachloride	7.90	117	28586	20.859 ug/l	99
39) Methylcyclohexane	9.18	83	36911	20.673 ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000098.D
 Acq On : 20 Sep 2019 11:20
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:32:24 AM

Quant Time: Sep 21 00:00:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.16	78	99322	20.710	ug/l	95
41) Methacrylonitrile	7.31	41	8206	14.453	ug/l #	65
42) 1,2-Dichloroethane	8.24	62	27232	21.437	ug/l	99
43) Isopropyl Acetate	8.28	43	38846	20.522	ug/l	99
44) Trichloroethene	8.94	130	24704	20.163	ug/l	96
45) 1,2-Dichloropropane	9.21	63	27383	22.041	ug/l	89
46) Dibromomethane	9.31	93	14632	21.563	ug/l	98
47) Bromodichloromethane	9.50	83	36232	22.004	ug/l	100
48) Methyl methacrylate	9.29	41	16847	20.237	ug/l	100
49) 1,4-Dioxane	9.30	88	4655	353.320	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	103663	100.303	ug/l	98
52) Toluene	10.24	92	68253	22.400	ug/l	93
53) t-1,3-Dichloropropene	10.46	75	39484	22.615	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	44115	21.880	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	23481	22.071	ug/l	95
56) Ethyl methacrylate	10.51	69	31750	20.973	ug/l	99
57) 1,3-Dichloropropane	10.79	76	38621	21.611	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.79	63	77878	95.165	ug/l	99
59) 2-Hexanone	10.84	43	70617	95.777	ug/l	99
60) Dibromochloromethane	10.98	129	25145	22.561	ug/l	92
61) 1,2-Dibromoethane	11.09	107	20789	21.394	ug/l	99
64) Tetrachloroethene	10.71	164	22823	21.829	ug/l	92
65) Chlorobenzene	11.51	112	71969	21.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	25182	22.603	ug/l	96
67) Ethyl Benzene	11.59	91	128184	21.798	ug/l	98
68) m/p-Xylenes	11.70	106	100164	44.765	ug/l	100
69) o-Xylene	12.02	106	49013	22.622	ug/l	97
70) Stvrene	12.04	104	84214	22.141	ug/l	99
71) Bromoform	12.21	173	13292	20.608	ug/l #	93
73) Isopropylbenzene	12.33	105	126512	21.096	ug/l	99
74) N-amyl acetate	12.14	43	34821	20.382	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	29390	20.820	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	17317m	16.540	ug/l	
77) Bromobenzene	12.60	156	27098	21.640	ug/l	97
78) n-propylbenzene	12.67	91	157363	21.512	ug/l	99
79) 2-Chlorotoluene	12.76	91	87897	21.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	109198	21.982	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	10359	19.029	ug/l	93
82) 4-Chlorotoluene	12.85	91	89991	21.281	ug/l	99
83) tert-Butylbenzene	13.07	119	90511	21.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	106535	21.753	ug/l	97
85) sec-Butylbenzene	13.25	105	135527	21.584	ug/l	100
86) p-Isopropyltoluene	13.37	119	117281	22.035	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	53553	21.559	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	54259	21.738	ug/l	99
89) n-Butylbenzene	13.69	91	116730	21.319	ug/l	98
90) Hexachloroethane	13.96	117	23386	22.359	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	51900	22.239	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	4740	18.859	ug/l	96
93) 1,2,4-Trichlorobenzene	15.01	180	32686	23.211	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
Data File : VY000098.D
Acq On : 20 Sep 2019 11:20
Operator : SY/MD
Sample : VY0920SBS01
Misc : 5.00g/5.00ml/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

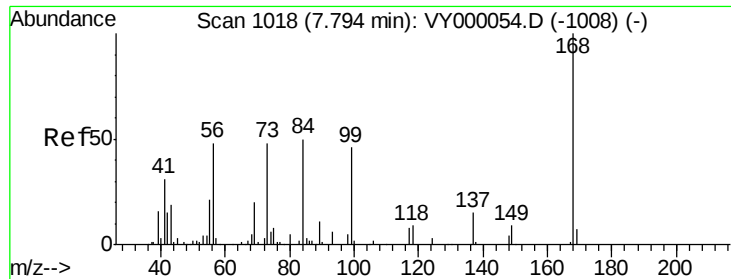
Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:24 AM

Quant Time: Sep 21 00:00:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	15551	23.000	ug/l	97
95) Naphthalene	15.23	128	79491	19.884	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	29493	21.945	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion:168 Resp: 99636

Ion Ratio Lower Upper

168 100

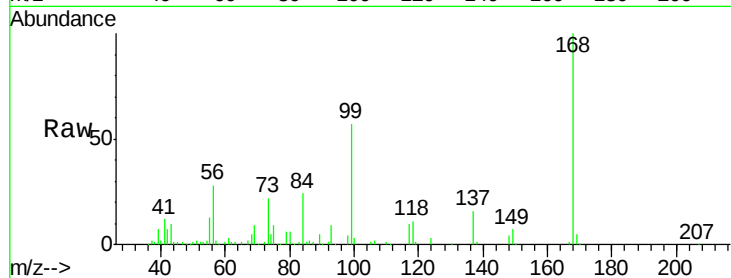
99 57.3 44.2 66.2

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

50000

40000

30000

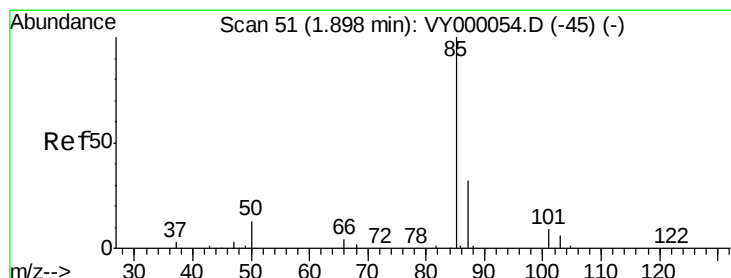
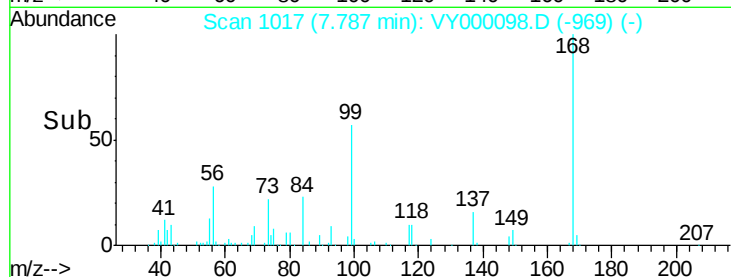
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 52

Delta R.T. 0.01 min

Lab File: VY000098.D

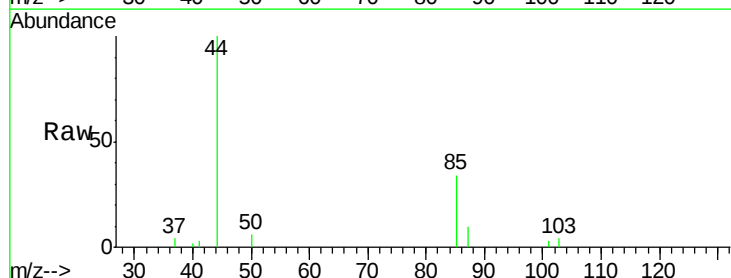
Acq: 20 Sep 2019 11:20

Tgt Ion: 85 Resp: 1359

Ion Ratio Lower Upper

85 100

87 29.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

1000

800

600

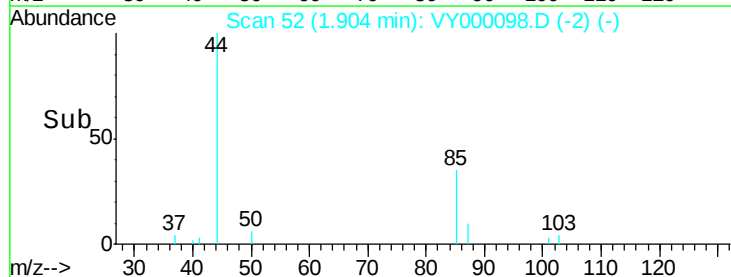
400

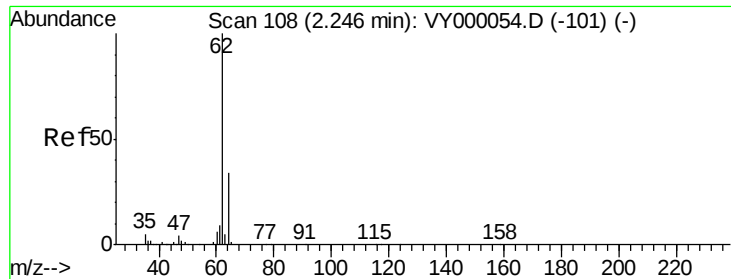
200

0

1.85 1.90 1.95

Time-->





#4

Vinyl Chloride

Concen: 8.102 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 62 Resp: 9007

Ion Ratio Lower Upper

62 100

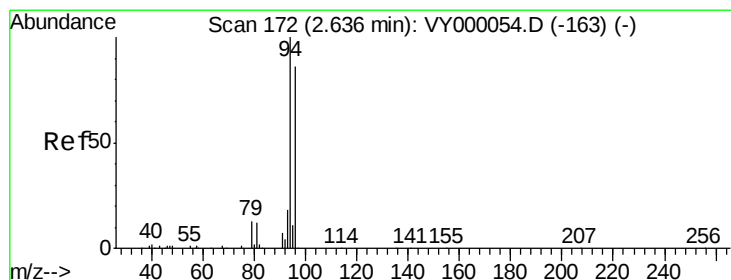
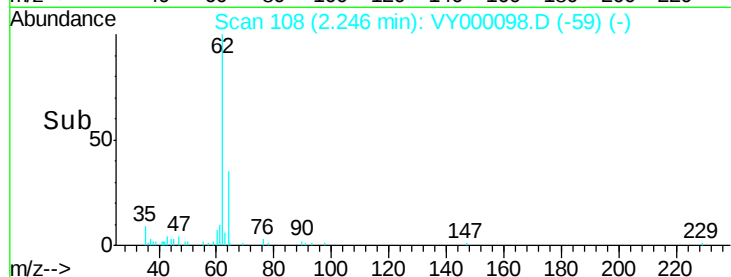
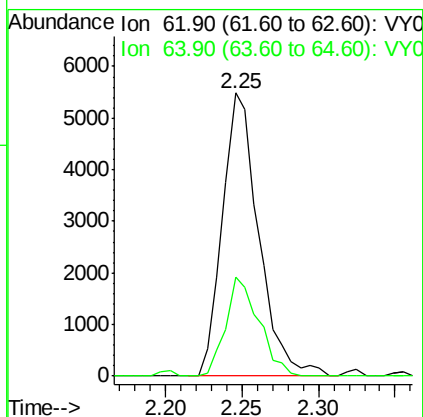
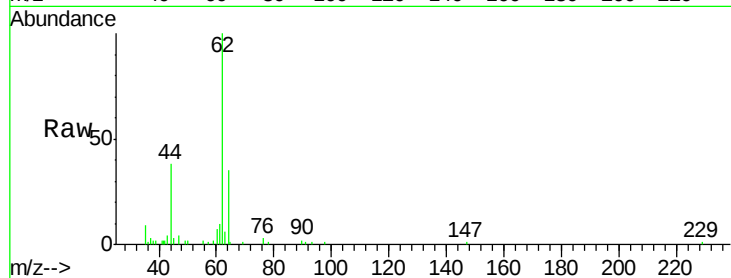
64 35.0 26.9 40.3

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



#5

Bromomethane

Concen: 12.168 ug/l

RT: 2.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VY000098.D

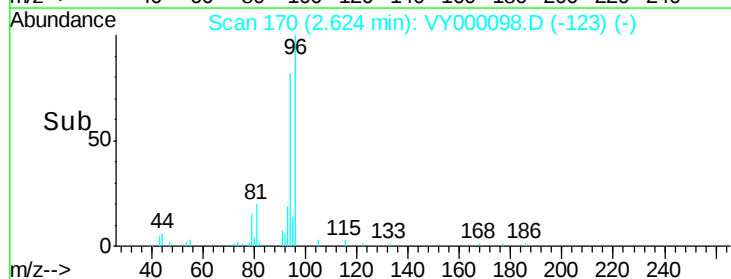
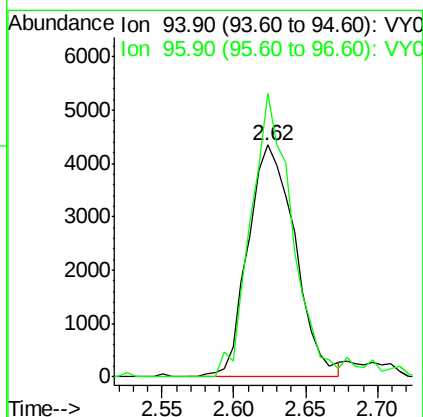
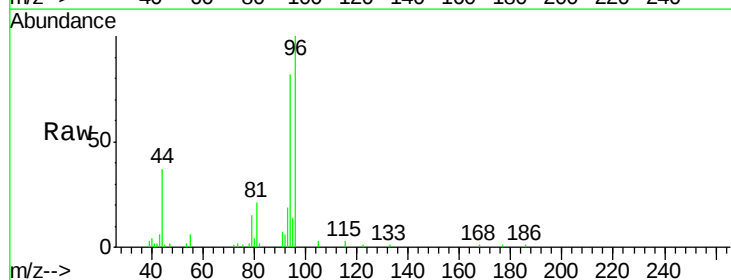
Acq: 20 Sep 2019 11:20

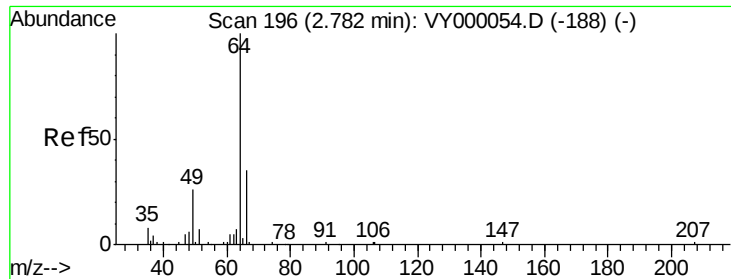
Tgt Ion: 94 Resp: 9842

Ion Ratio Lower Upper

94 100

96 122.1 69.1 103.7#





#6

Chloroethane

Concen: 13.171 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 64 Resp: 9815

Ion Ratio Lower Upper

64 100

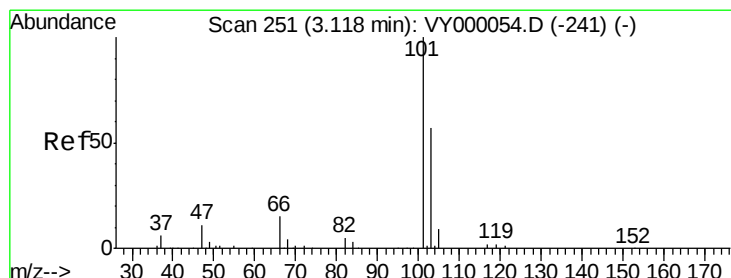
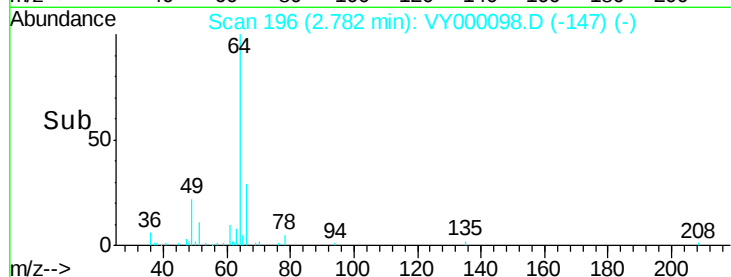
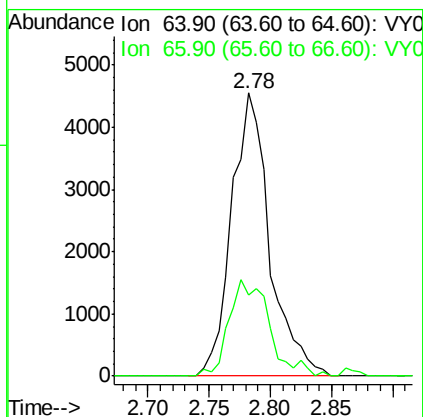
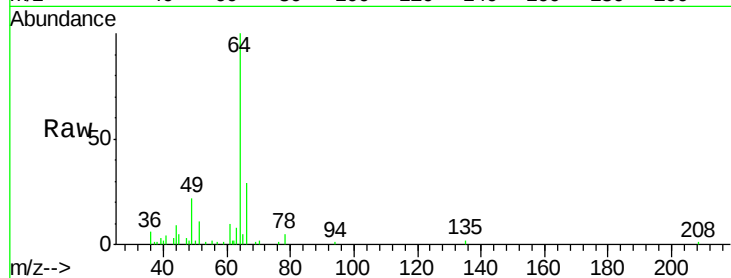
66 28.7 27.7 41.5

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



#7

Trichlorofluoromethane

Concen: 16.079 ug/l

RT: 3.12 min Scan# 251

Delta R.T. -0.00 min

Lab File: VY000098.D

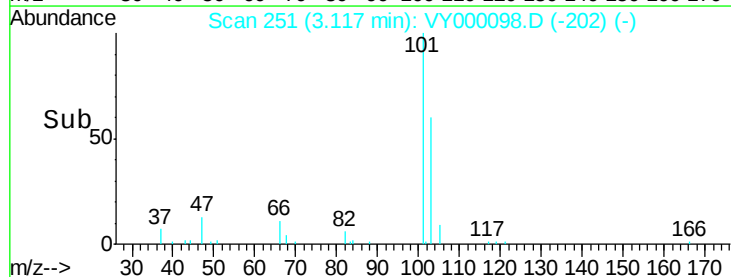
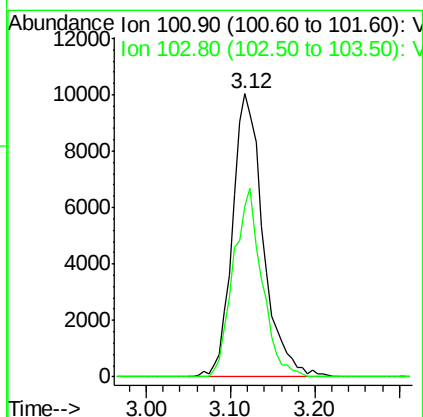
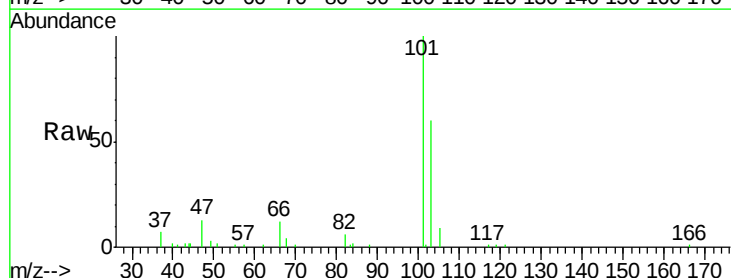
Acq: 20 Sep 2019 11:20

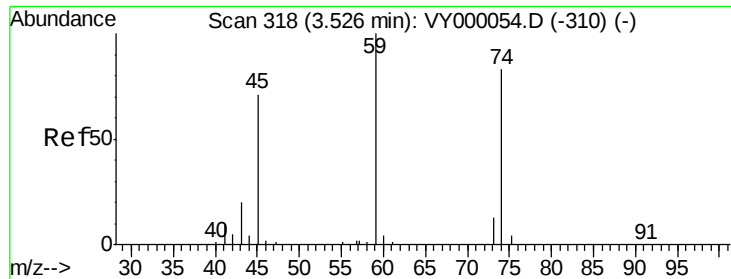
Tgt Ion: 101 Resp: 24716

Ion Ratio Lower Upper

101 100

103 60.3 45.7 68.5





#8

Diethyl Ether

Concen: 18.411 ug/l

RT: 3.53 min Scan# 318

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 74 Resp: 12118

Ion Ratio Lower Upper

74 100

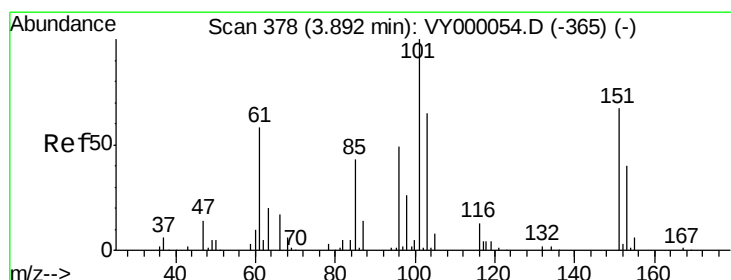
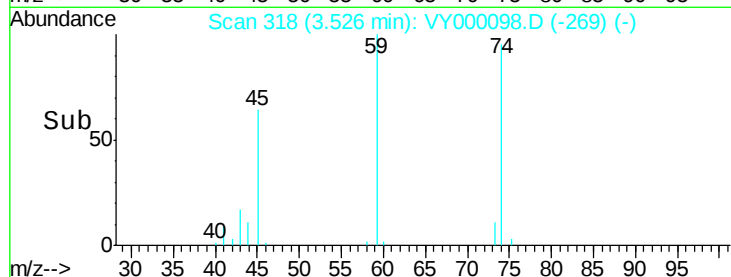
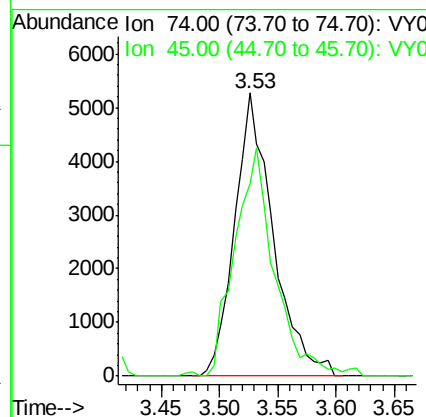
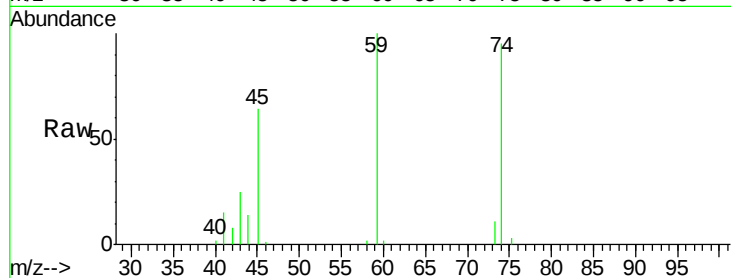
45 82.7 40.6 122.0

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.717 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

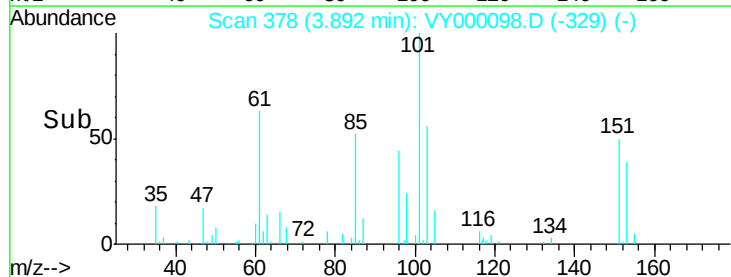
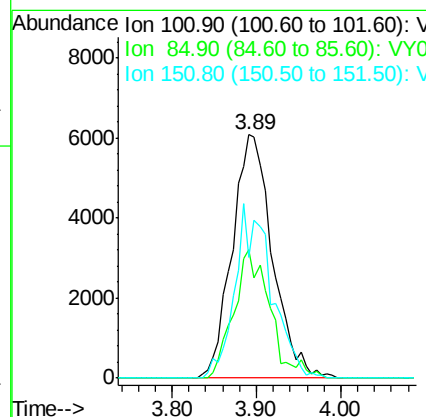
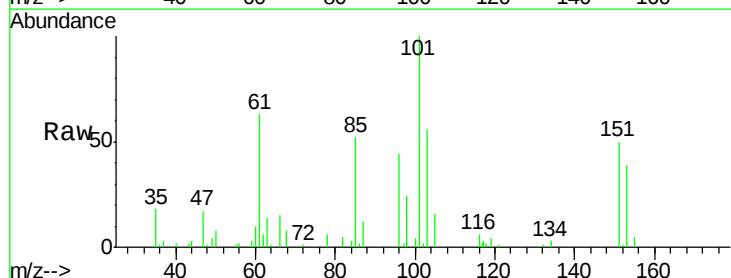
Tgt Ion: 101 Resp: 19739

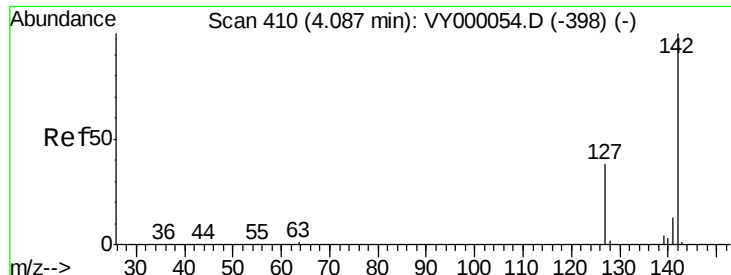
Ion Ratio Lower Upper

101 100

85 47.3 36.8 55.2

151 28.0 54.4 81.6#





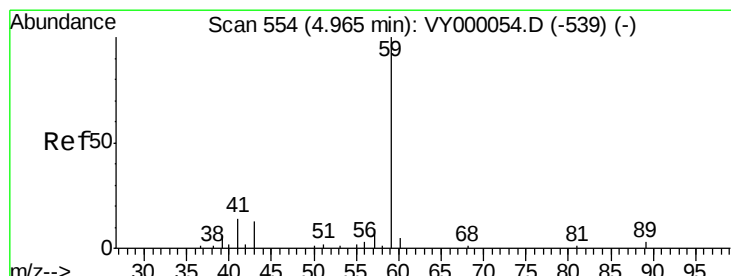
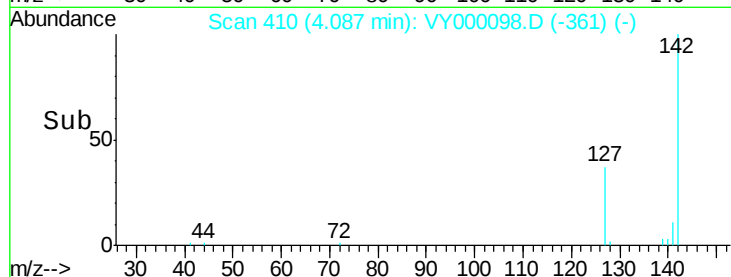
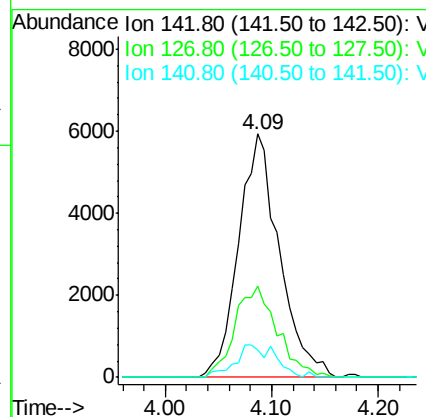
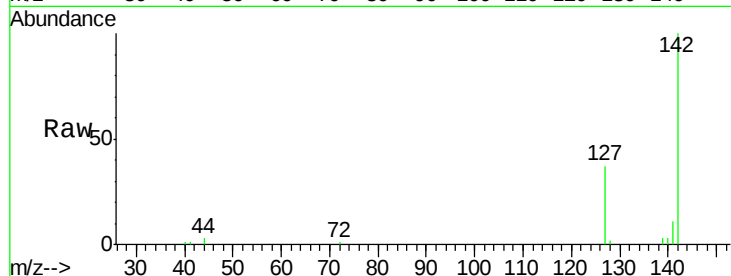
#10
Methvl Iodide
Concen: 14.517 ug/l
RT: 4.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.9	31.6	47.4
141	13.0	10.9	16.3

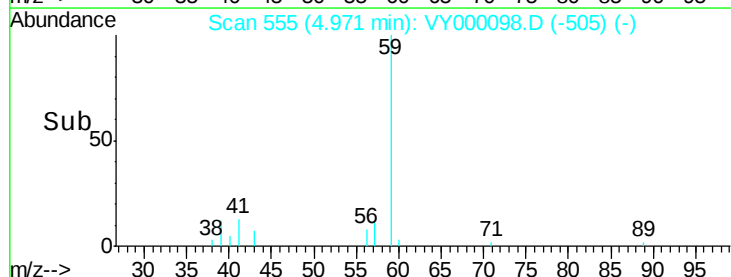
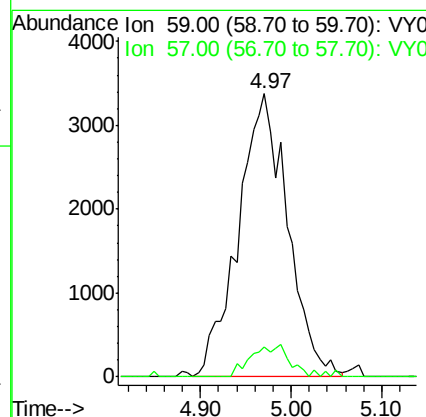
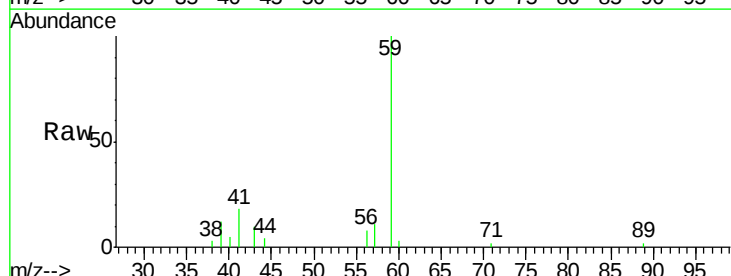
Manual Integrations
APPROVED

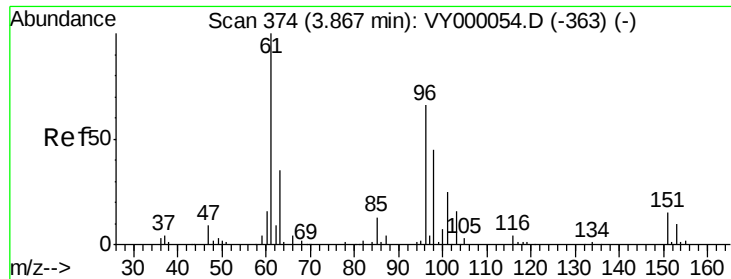
MMDadoda
9/24/2019 5:32:24 AM



#11
Tert butyl alcohol
Concen: 93.556 ug/l
RT: 4.97 min Scan# 555
Delta R.T. 0.01 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.0	12.0





#12

1,1-Dichloroethene

Concen: 16.833 ug/l

RT: 3.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

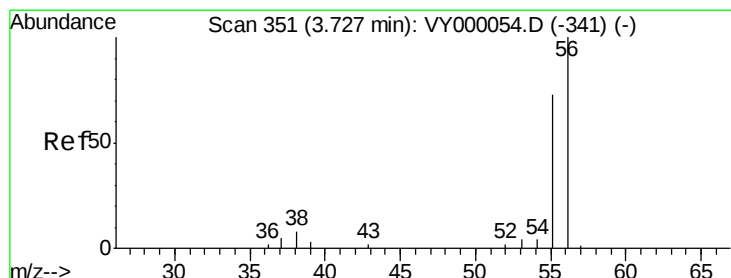
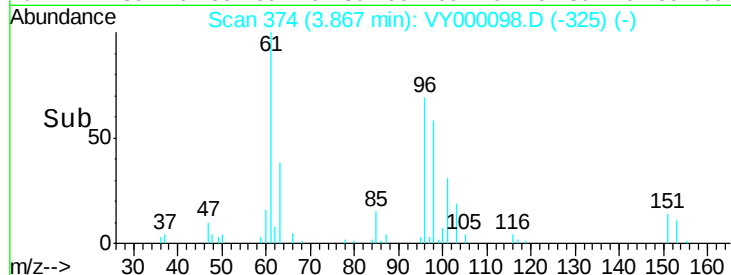
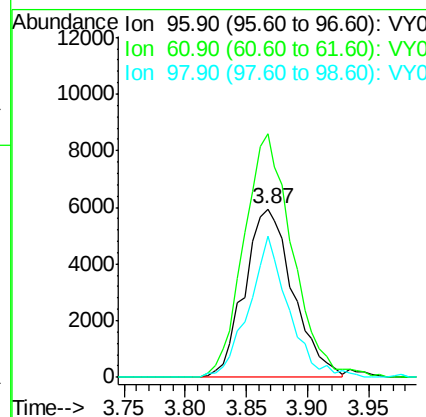
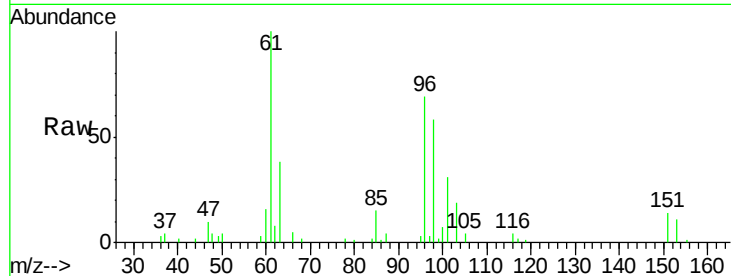
ClientSampleId :

VY0920SBS01

Tot Ion:	96	Resp:	16364
Ion Ratio	Lower	Upper	
96	100		
61	144.7	120.4	180.6
98	83.7	54.1	81.1#

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:24 AM



#13

Acrolein

Concen: 94.590 ug/l

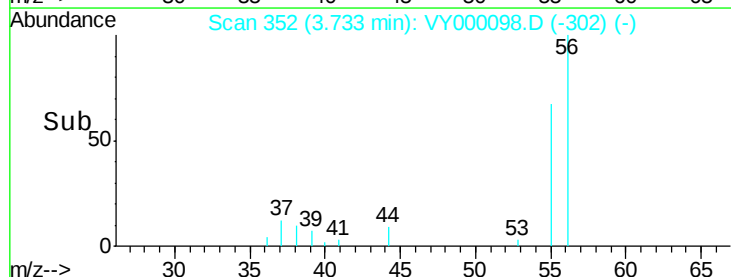
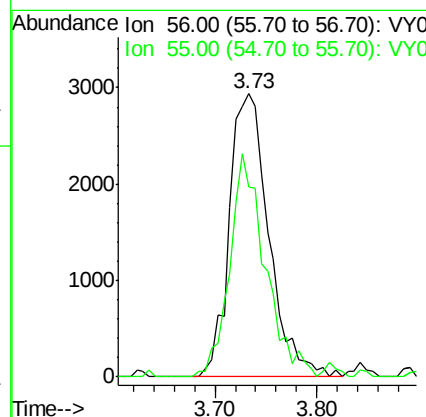
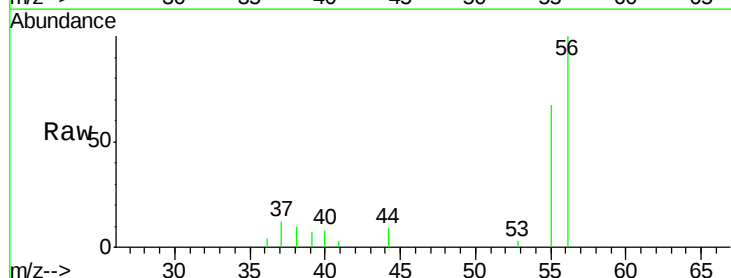
RT: 3.73 min Scan# 352

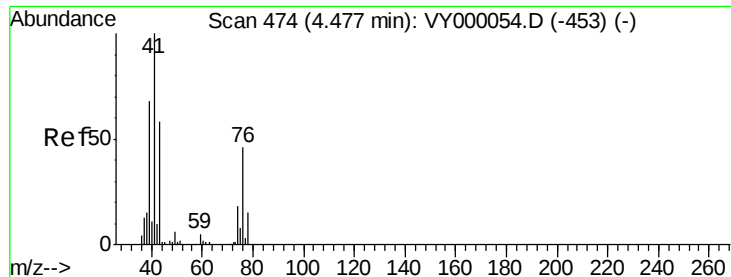
Delta R.T. 0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Tgt Ion:	56	Resp:	7865
Ion Ratio	Lower	Upper	
56	100		
55	71.0	57.8	86.8





#14

Allvl chloride

Concen: 19.293 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

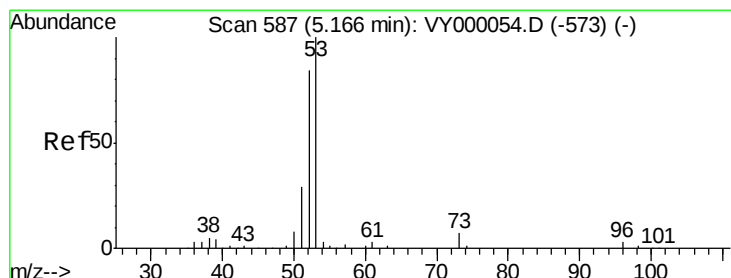
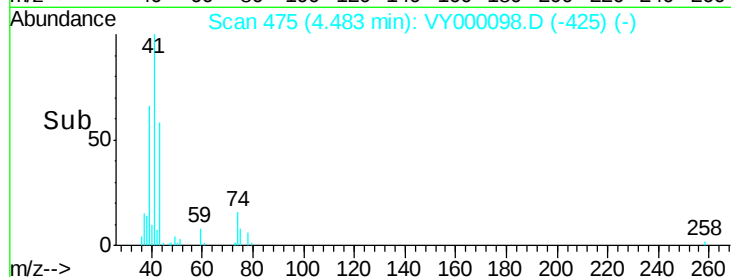
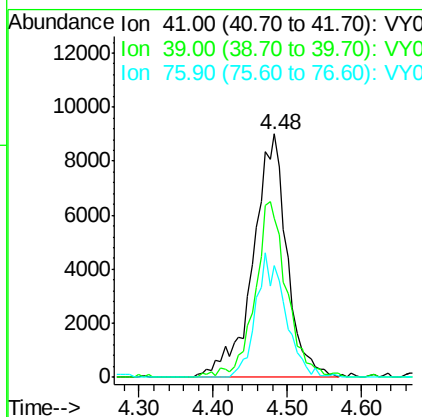
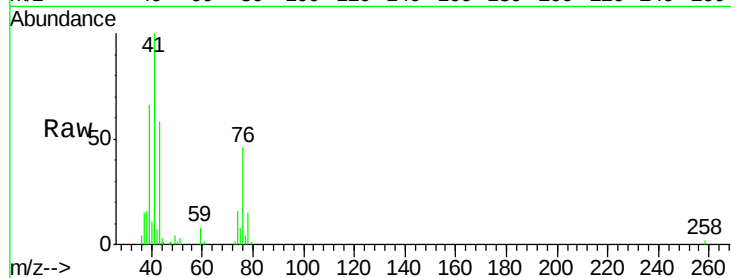
ClientSampleId :

VY0920SBS01

Tot Ion:	41	Resp:	28666
Ion	Ratio	Lower	Upper
41	100		
39	67.5	52.7	79.1
76	44.1	35.5	53.3

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:24 AM



#15

Acrylonitrile

Concen: 95.970 ug/l

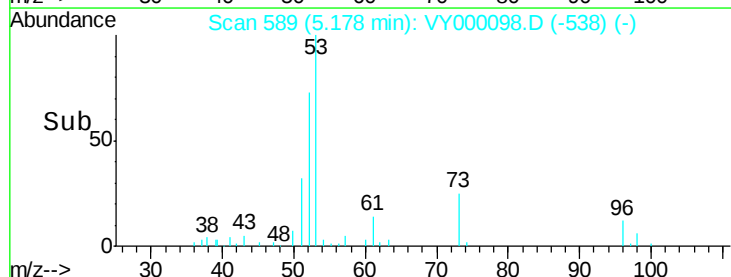
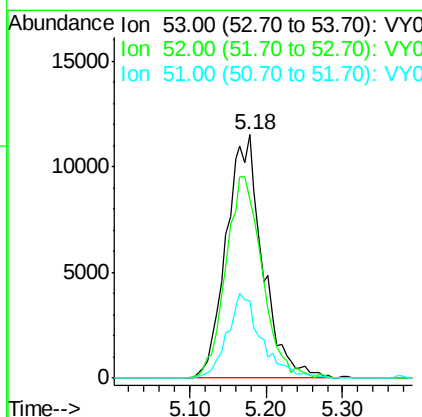
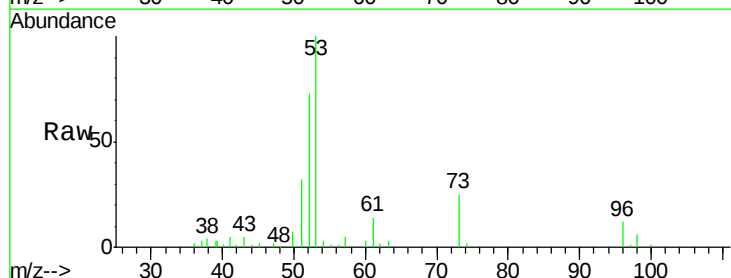
RT: 5.18 min Scan# 589

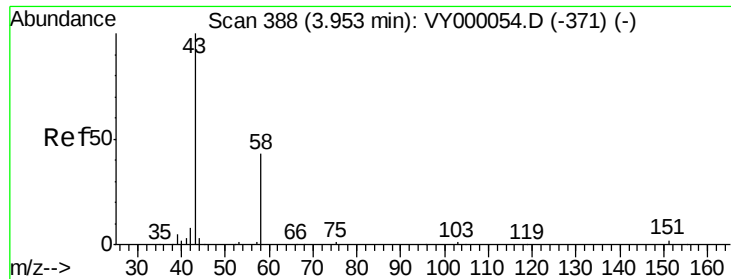
Delta R.T. 0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Tgt Ion:	53	Resp:	37877
Ion	Ratio	Lower	Upper
53	100		
52	82.5	64.7	97.1
51	32.8	26.7	40.1





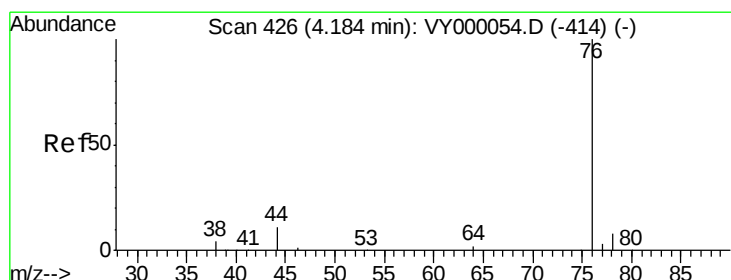
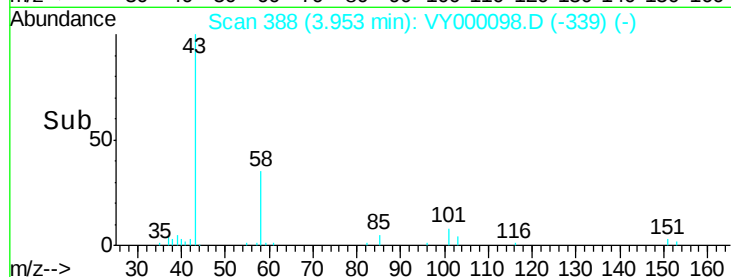
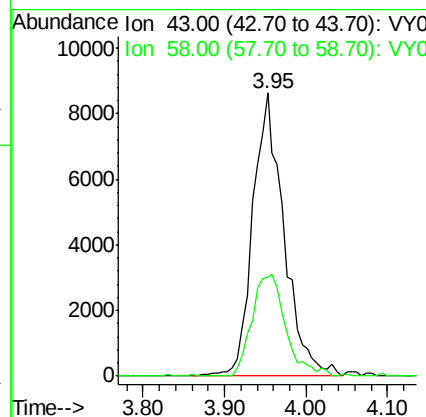
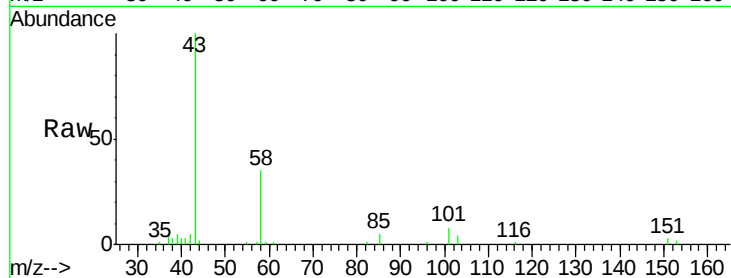
#16
Acetone
Concen: 86.200 ug/l
RT: 3.95 min Scan# 388
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion: 43 Resp: 23007
Ion Ratio Lower Upper
43 100
58 34.3 34.5 51.7#

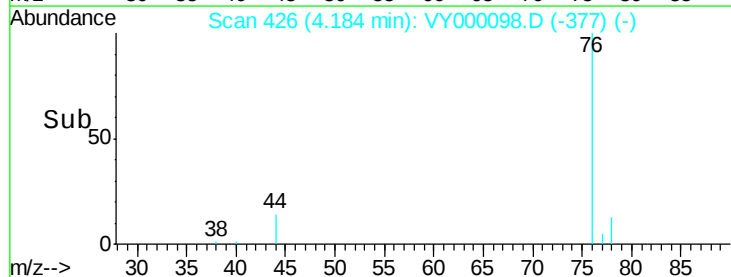
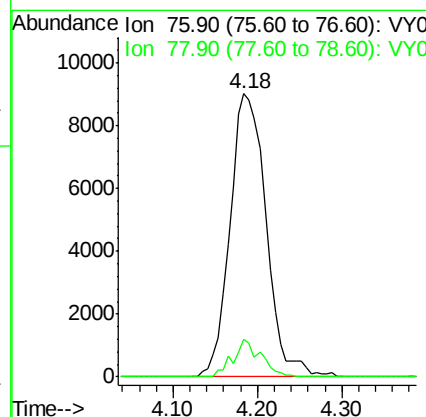
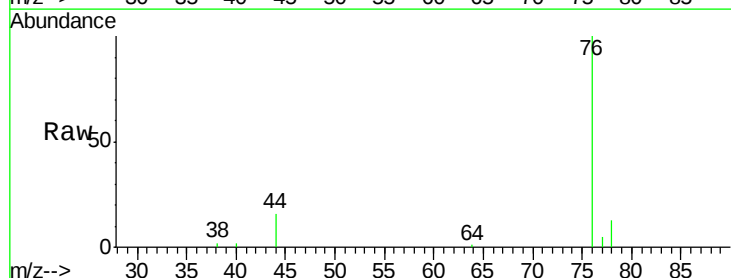
Manual Integrations
APPROVED

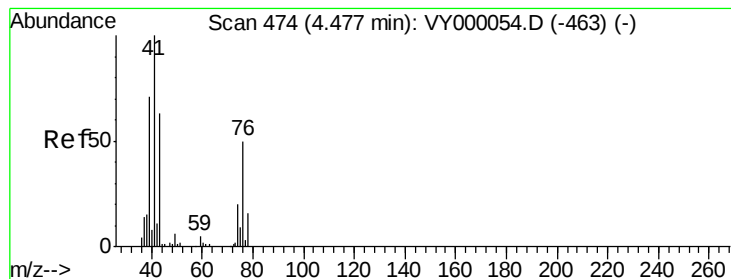
MMDadoda
9/24/2019 5:32:24 AM



#17
Carbon Disulfide
Concen: 12.592 ug/l
RT: 4.18 min Scan# 426
Delta R.T. 0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion: 76 Resp: 26254
Ion Ratio Lower Upper
76 100
78 13.3 6.6 9.8#





#18

Methyl Acetate

Concen: 18.862 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 43 Resp: 16819

Ion Ratio Lower Upper

43 100

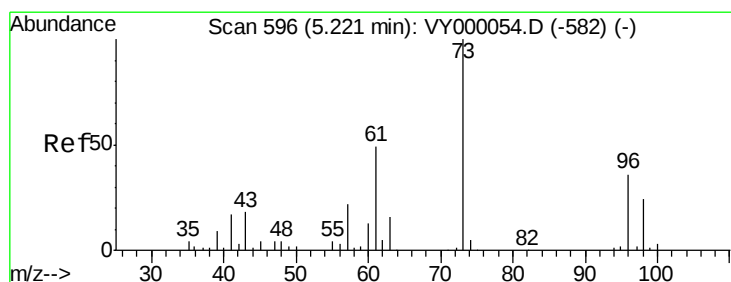
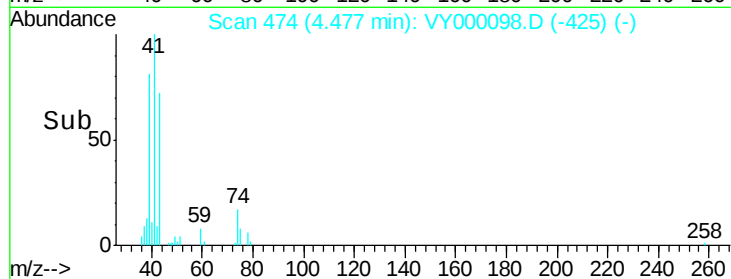
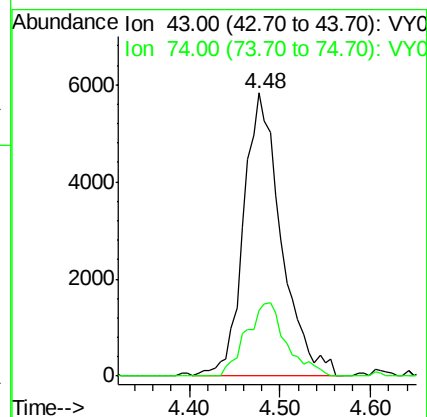
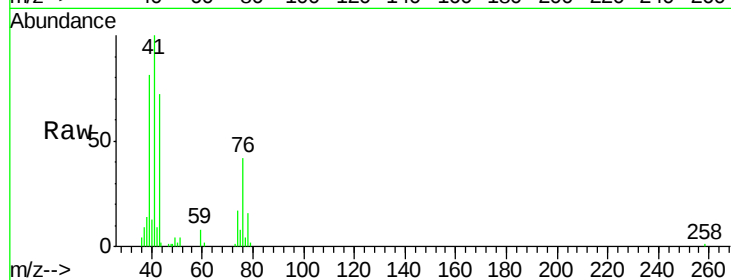
74 27.6 24.1 36.1

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



#19

Methyl tert-butyl Ether

Concen: 21.169 ug/l

RT: 5.22 min Scan# 596

Delta R.T. -0.00 min

Lab File: VY000098.D

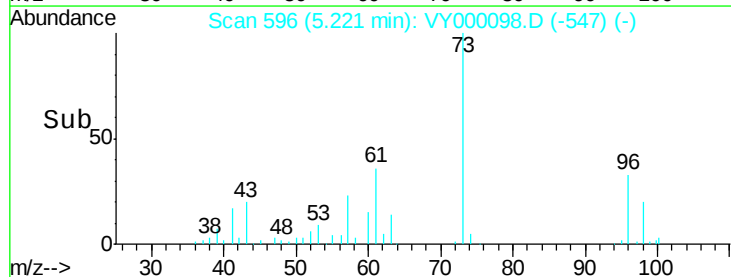
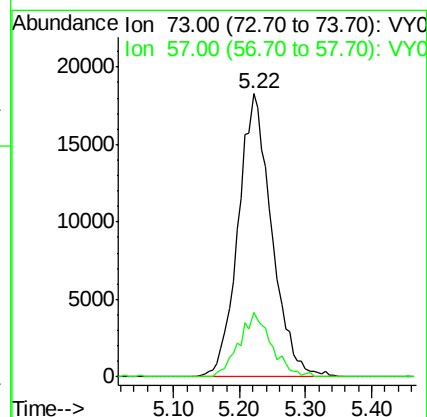
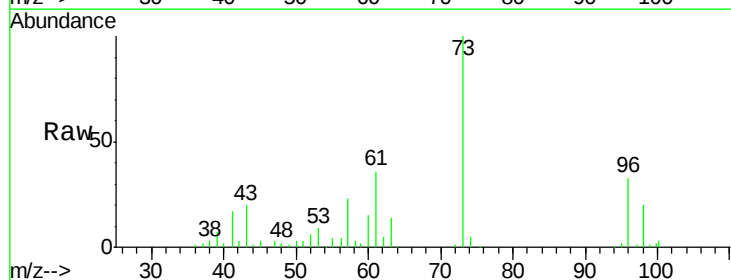
Acq: 20 Sep 2019 11:20

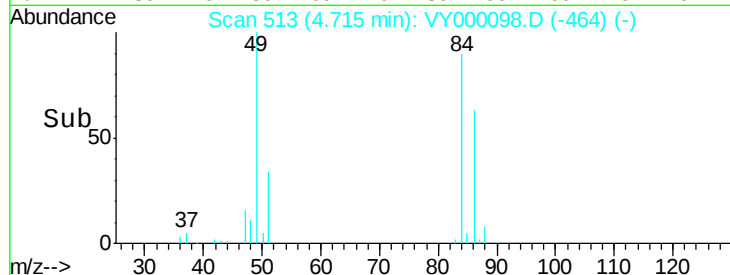
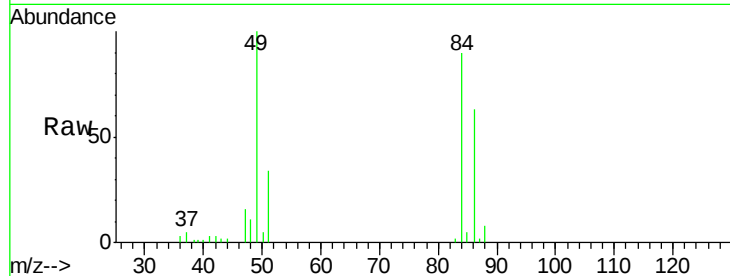
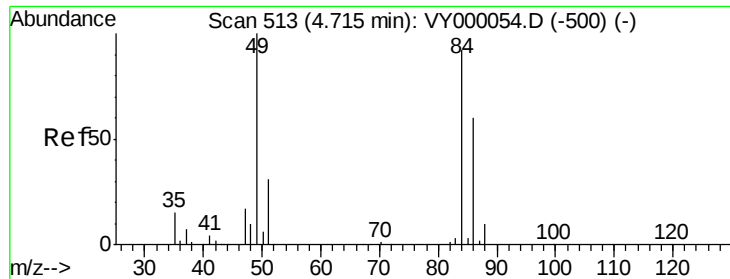
Tgt Ion: 73 Resp: 64313

Ion Ratio Lower Upper

73 100

57 22.6 17.5 26.3





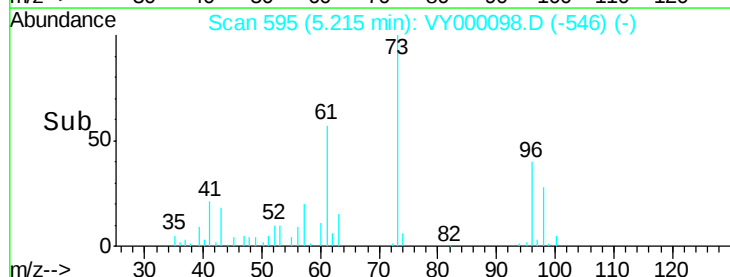
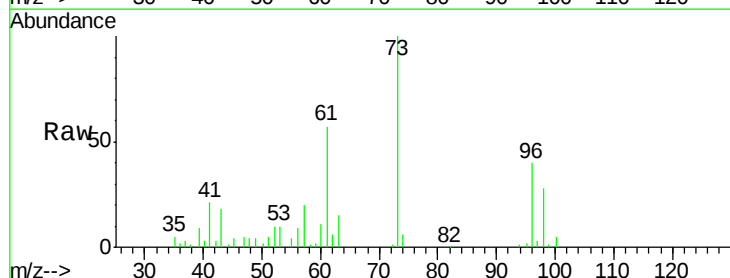
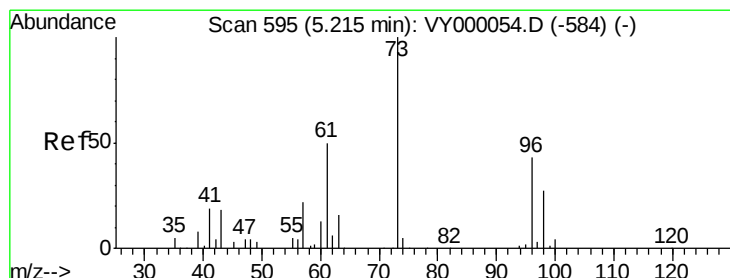
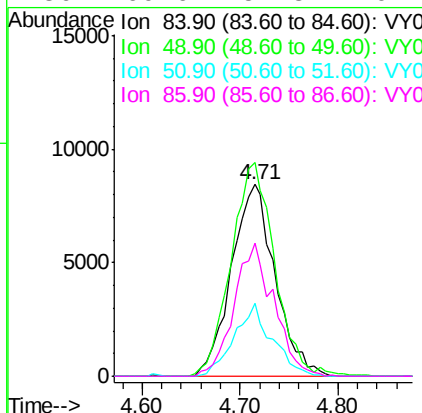
#20
Methvlene Chloride
Concen: 20.874 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tot Ion	84	Resp	26208
Ion	Ratio	Lower	Upper
84	100		
49	111.3	87.4	131.0
51	37.9	27.2	40.8
86	69.6	52.8	79.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

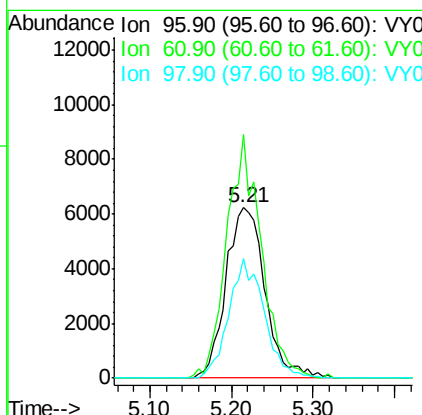
Manual Integrations
APPROVED

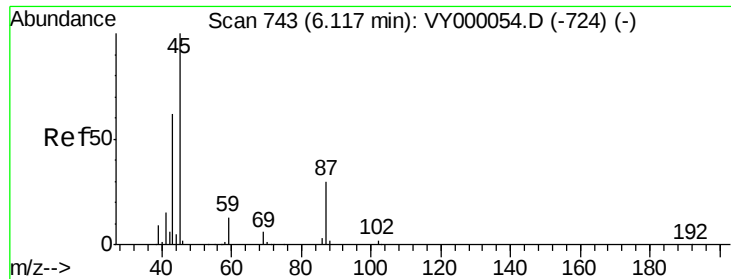
MMDadoda
9/24/2019 5:32:24 AM



#21
trans-1,2-Dichloroethene
Concen: 19.112 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	96	Resp	20654
Ion	Ratio	Lower	Upper
96	100		
61	142.9	94.0	141.0#
98	69.8	50.3	75.5





#22

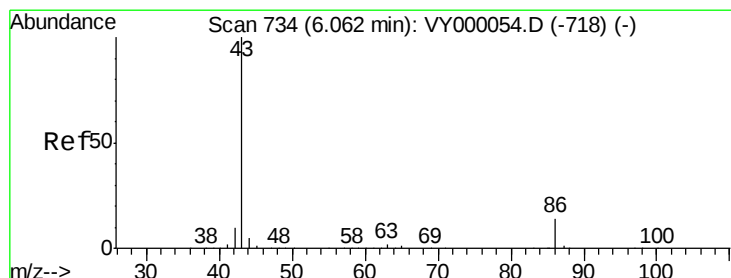
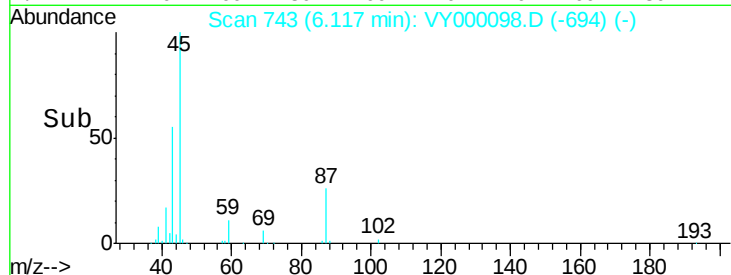
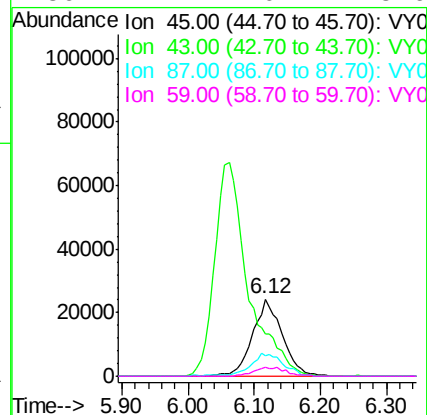
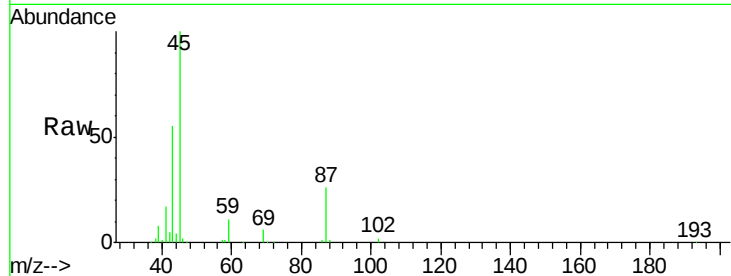
Diisopropyl ether
 Concen: 22.581 ug/l
 RT: 6.12 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	54.4	49.9	74.9	
87	25.9	25.0	37.4	
59	11.2	10.4	15.6	

Manual Integrations
 APPROVED

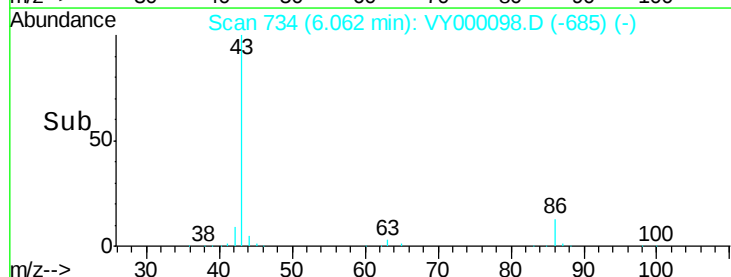
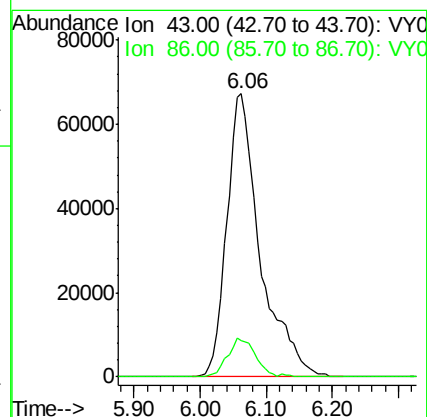
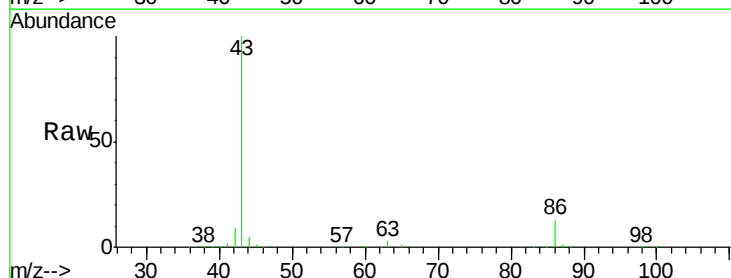
MMDadoda
 9/24/2019 5:32:24 AM

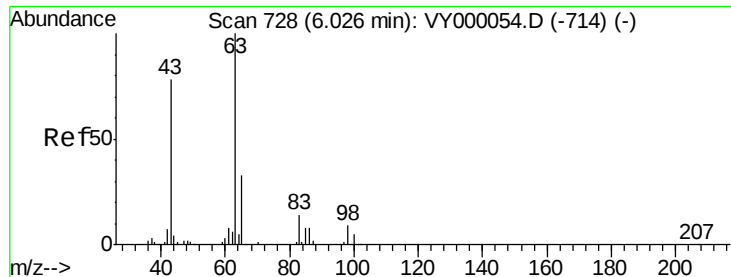


#23

Vinyl Acetate
 Concen: 104.845 ug/l
 RT: 6.06 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	12.7	11.3	16.9	





#24

1,1-Dichloroethane

Concen: 21.282 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

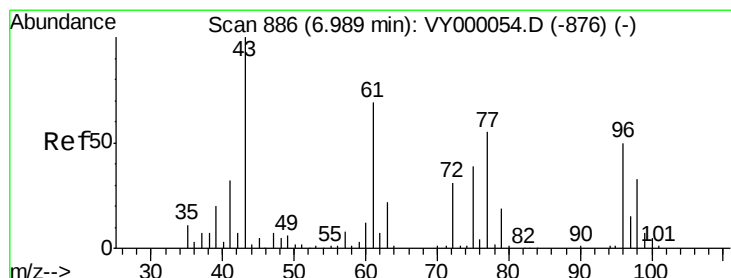
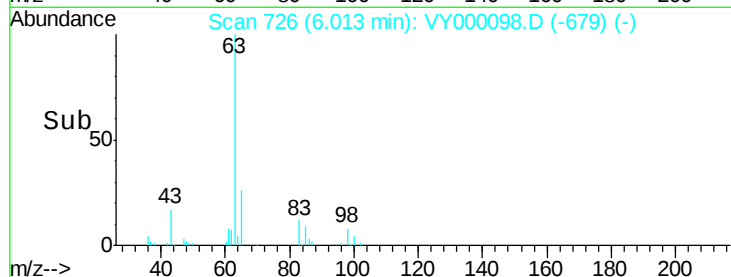
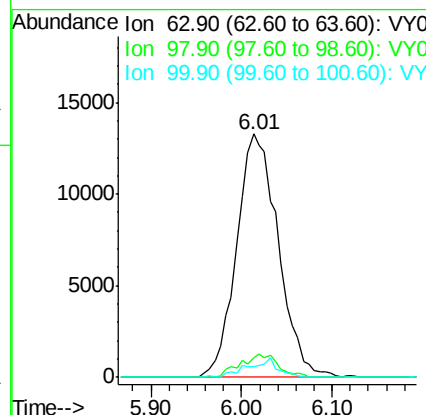
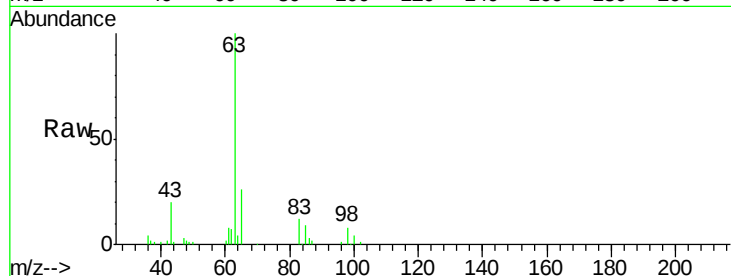
ClientSampleId :

VY0920SBS01

Tot Ion:	63	Resp:	42286
Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.5	13.5
100	4.1	2.5	7.5

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:24 AM



#25

2-Butanone

Concen: 93.174 ug/l

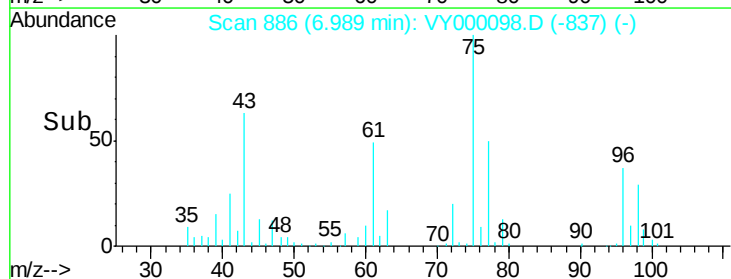
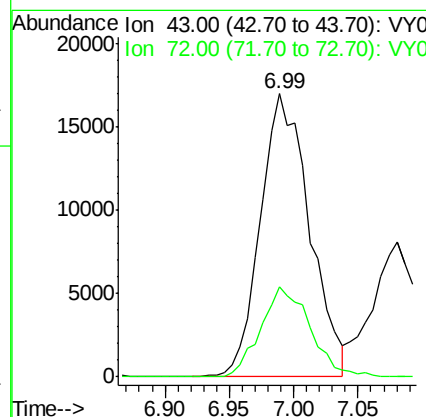
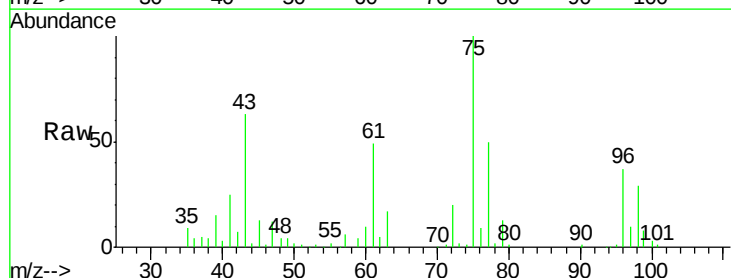
RT: 6.99 min Scan# 886

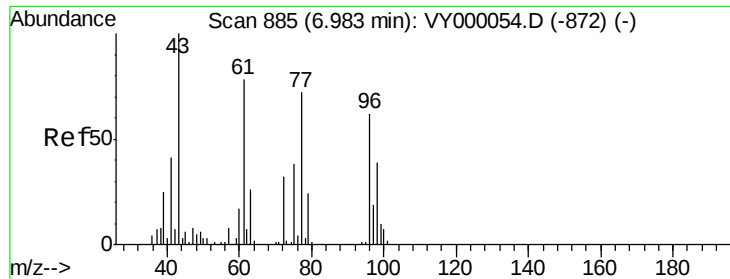
Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Tgt Ion:	43	Resp:	45043
Ion	Ratio	Lower	Upper
43	100		
72	31.7	24.7	37.1





#26

2,2-Dichloropropane

Concen: 21.822 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 77 Resp: 40919

Ion Ratio Lower Upper

77 100

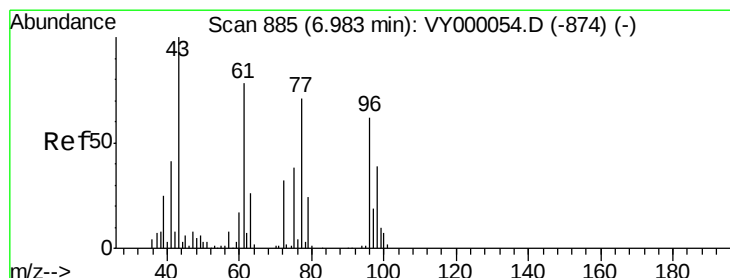
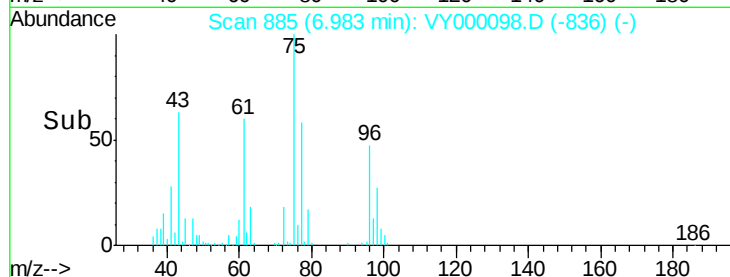
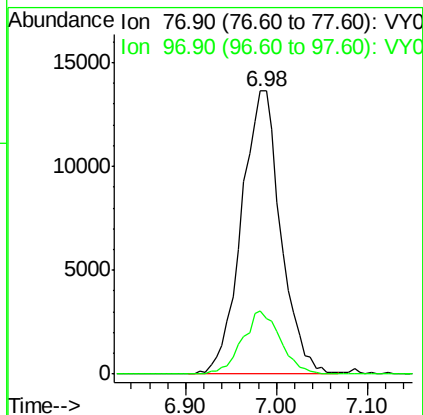
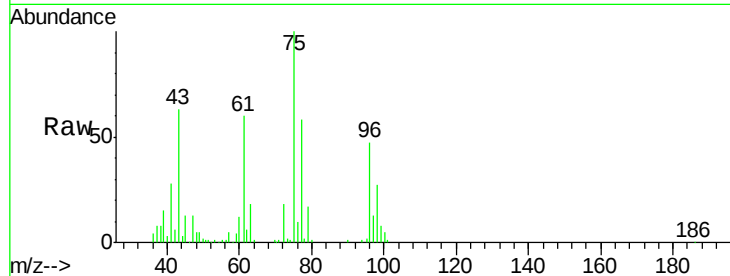
97 21.6 12.5 37.5

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



#27

cis-1,2-Dichloroethene

Concen: 21.591 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

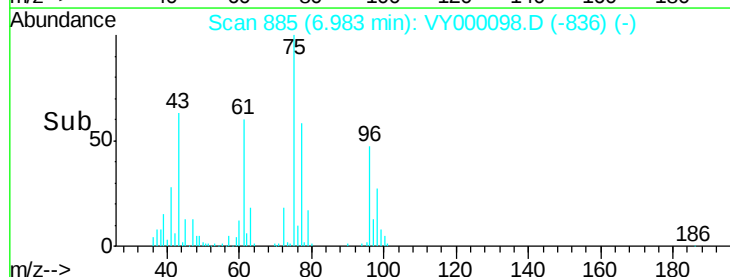
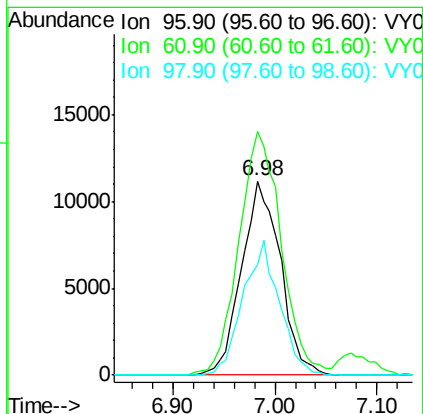
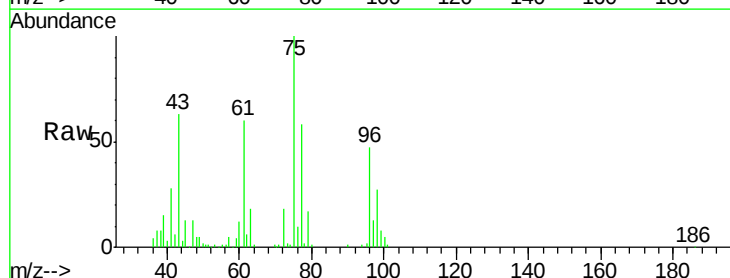
Tgt Ion: 96 Resp: 29542

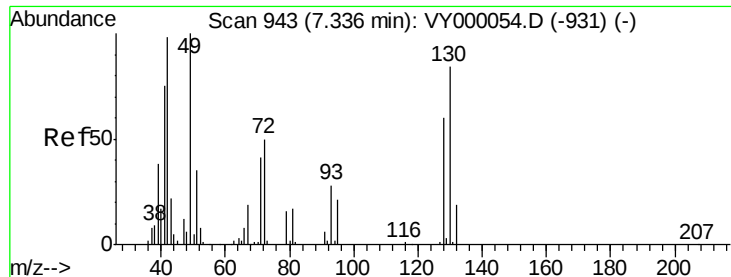
Ion Ratio Lower Upper

96 100

61 137.3 0.0 263.0

98 64.9 0.0 130.2





#28

Bromochloromethane

Concen: 20.883 ug/l

RT: 7.34 min Scan# 943

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

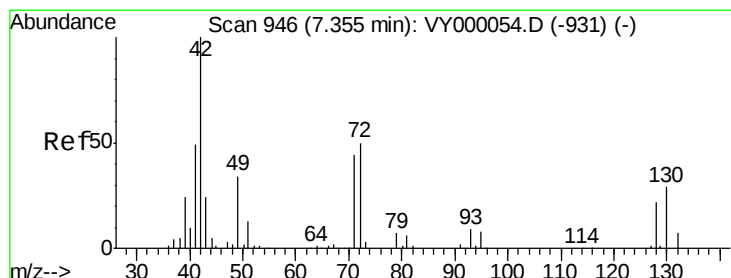
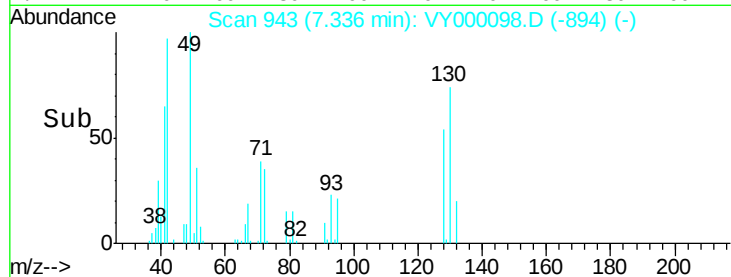
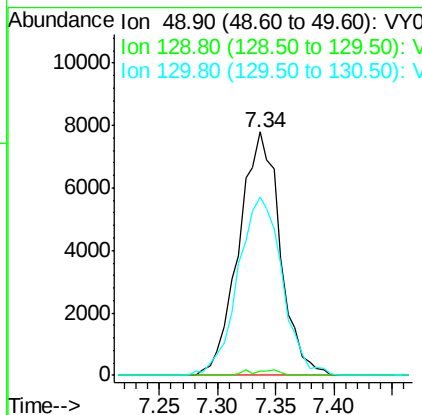
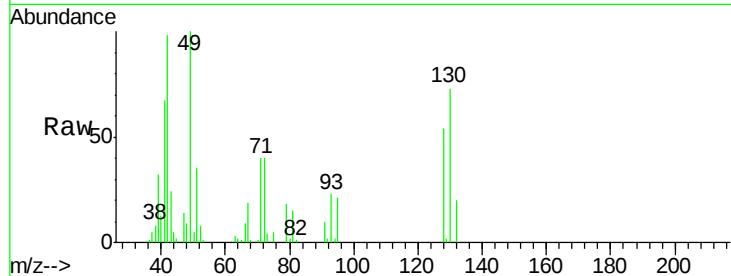
ClientSampleId :

VY0920SBS01

Tot Ion:	49	Resp:	19234
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.8
130	78.6	66.2	99.4

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:24 AM



#29

Tetrahydrofuran

Concen: 97.363 ug/l

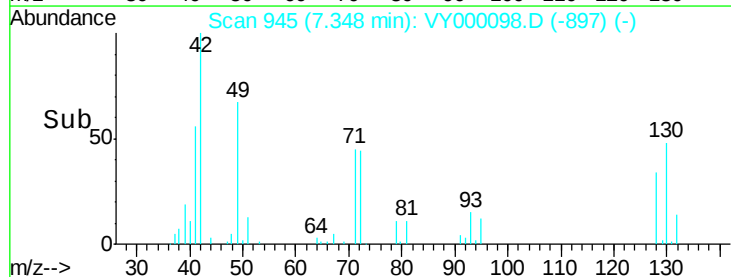
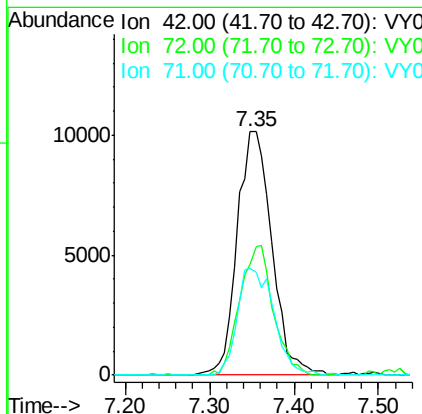
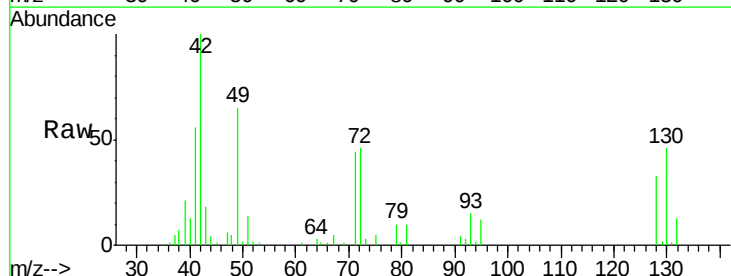
RT: 7.35 min Scan# 945

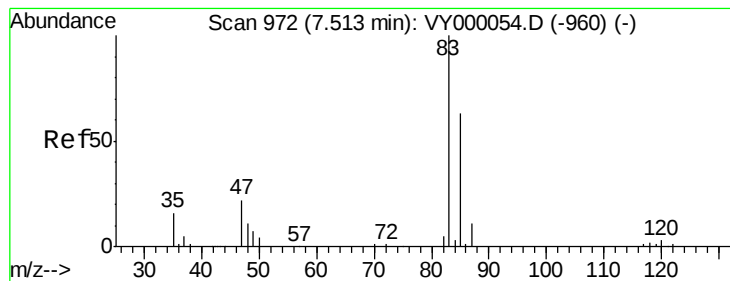
Delta R.T. -0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Tgt Ion:	42	Resp:	28256
Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.8	62.6
71	45.9	38.6	58.0





#30

Chloroform

Concen: 21.090 ug/l

RT: 7.51 min Scan# 972

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 83 Resp: 43246

Ion Ratio Lower Upper

83 100

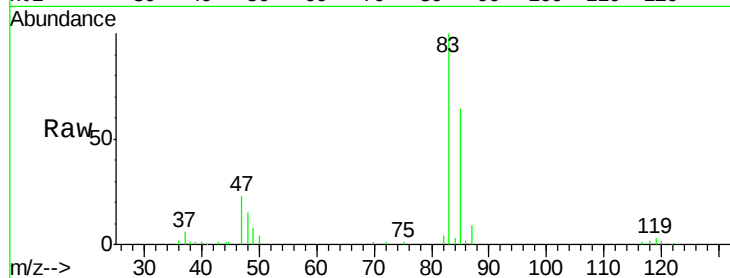
85 64.3 50.6 76.0

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

7.51

20000

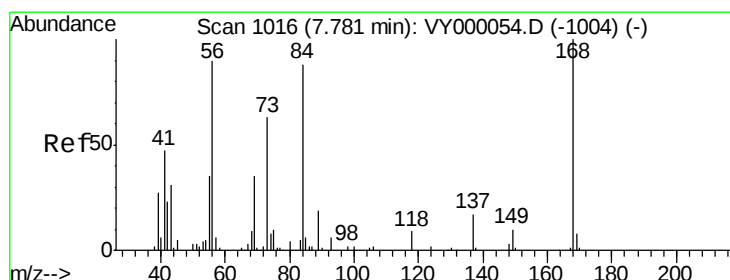
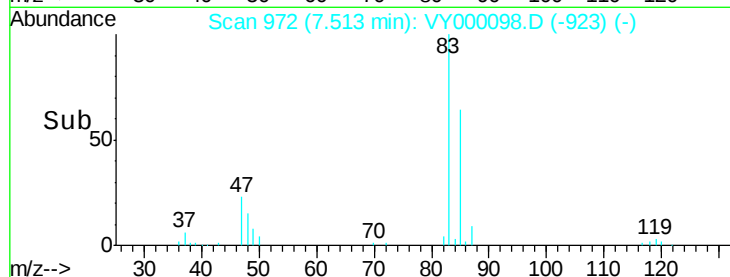
15000

10000

5000

0

Time-->



#31

Cyclohexane

Concen: 18.550 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

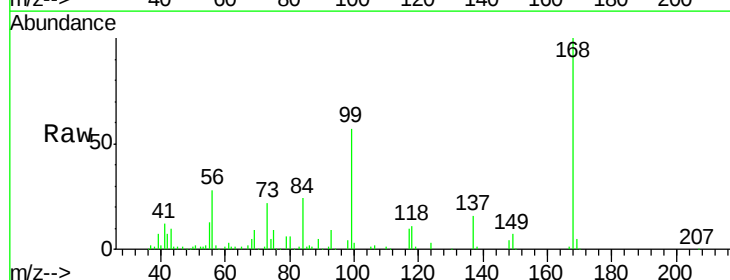
Tgt Ion: 56 Resp: 30159

Ion Ratio Lower Upper

56 100

69 33.7 30.9 46.3

84 86.6 78.5 117.7



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

25000

20000

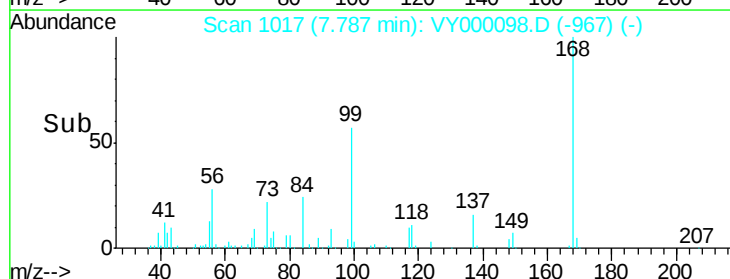
15000

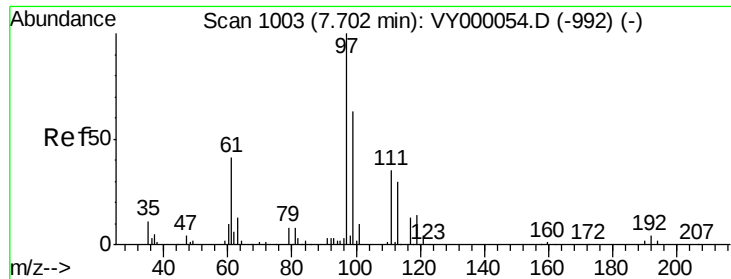
10000

5000

0

Time-->





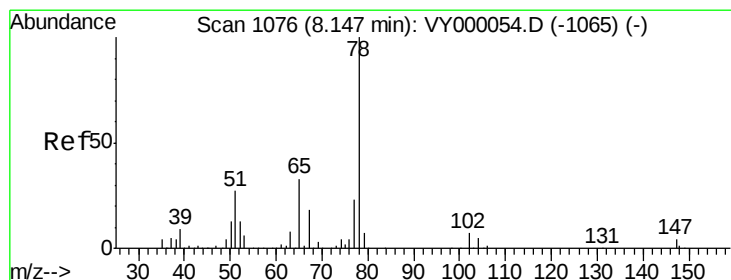
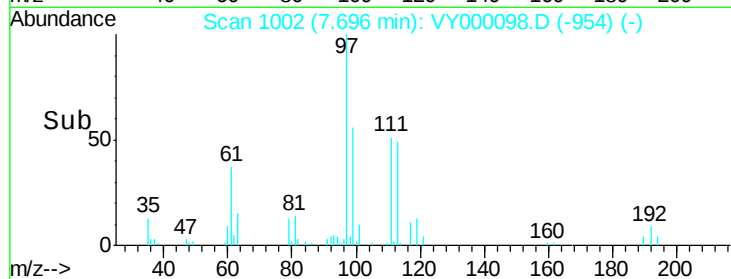
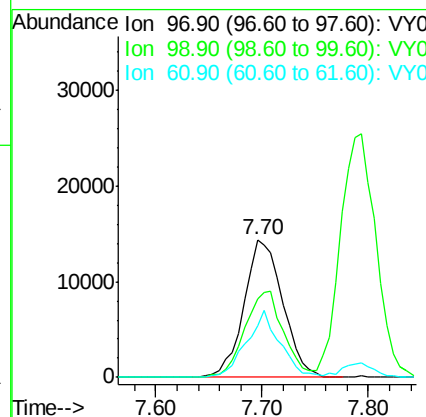
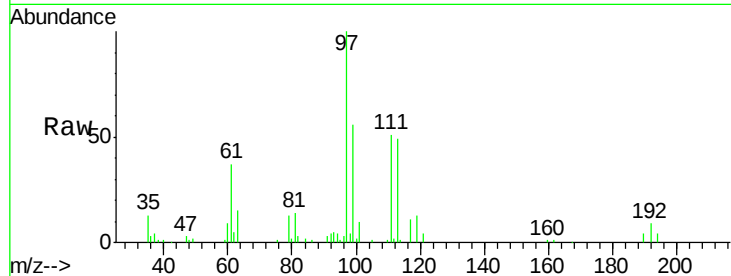
#32
 1,1,1-Trichloroethane
 Concen: 22.121 ug/l
 RT: 7.70 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.8	77.6
61	42.0	34.3	51.5

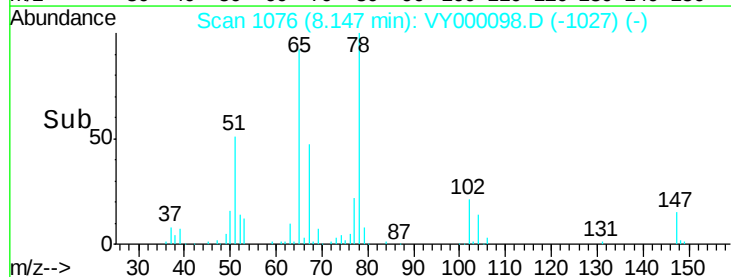
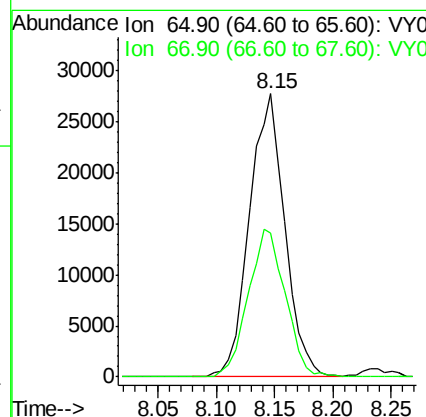
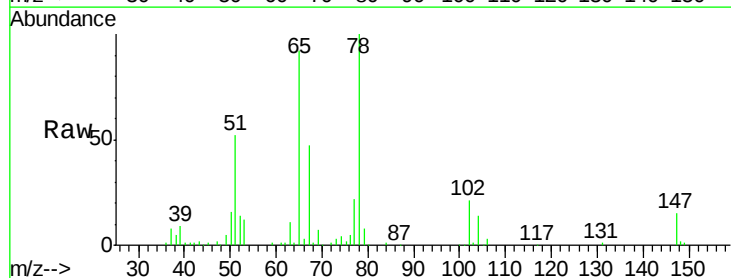
Manual Integrations
 APPROVED

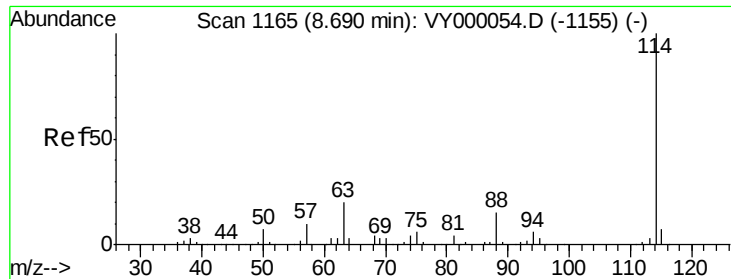
MMDadoda
 9/24/2019 5:32:24 AM



#33
 1,2-Dichloroethane-d4
 Concen: 51.325 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	111.0





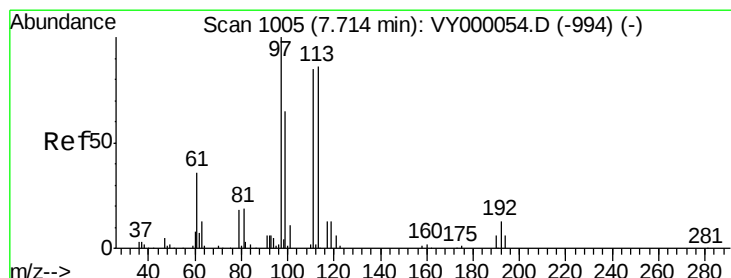
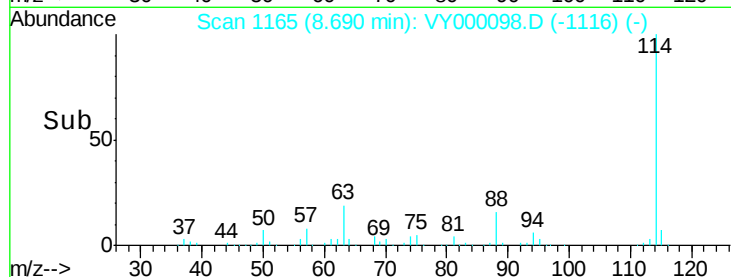
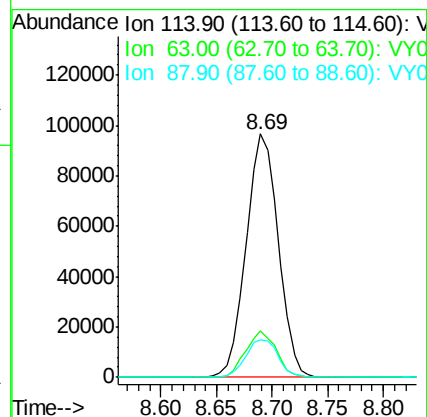
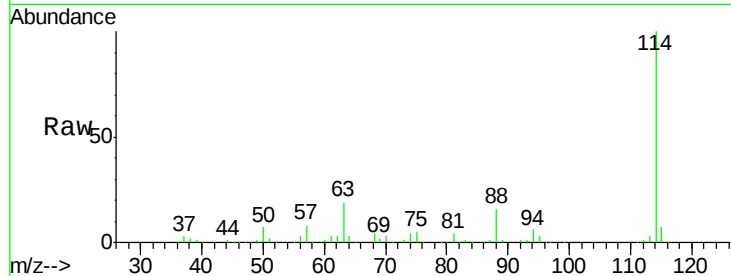
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.3	0.0	39.4
88	15.6	0.0	30.2

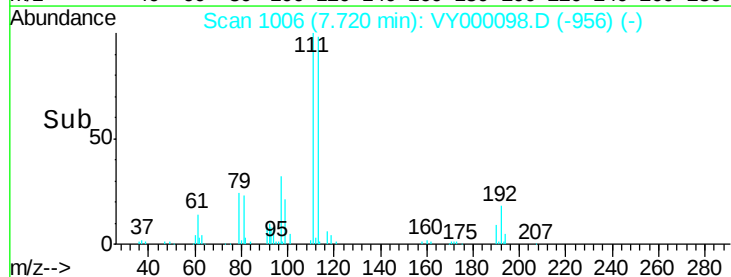
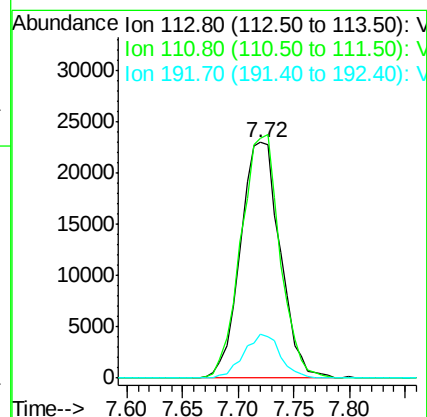
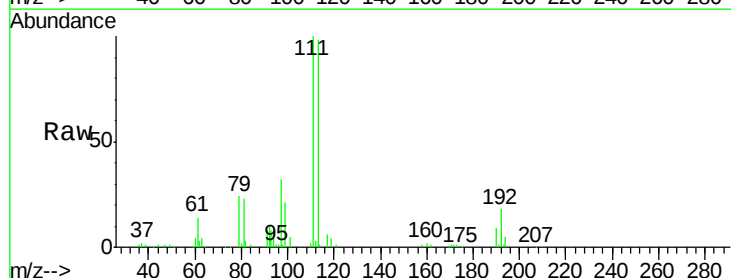
Manual Integrations
 APPROVED

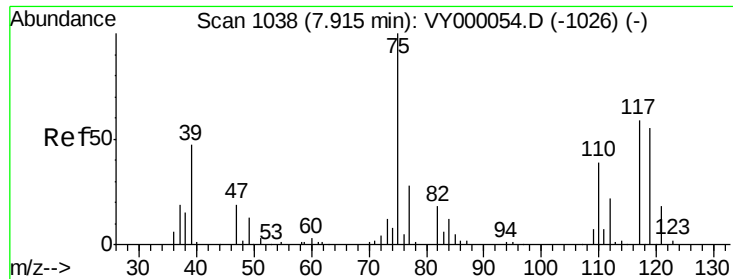
MMDadoda
 9/24/2019 5:32:24 AM



#35
 Dibromofluoromethane
 Concen: 48.502 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.2	81.7	122.5
192	17.2	13.4	20.2





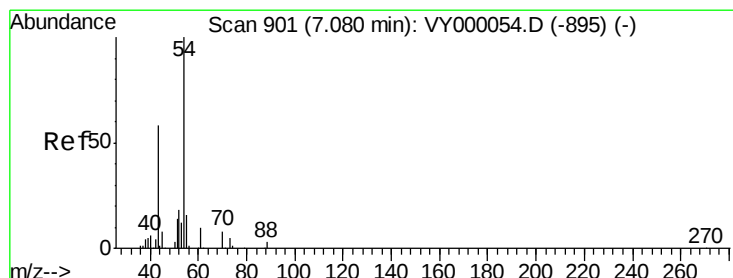
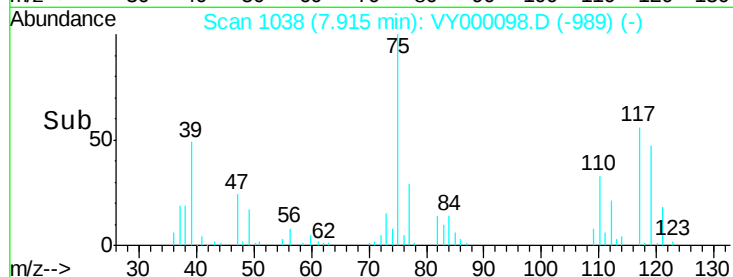
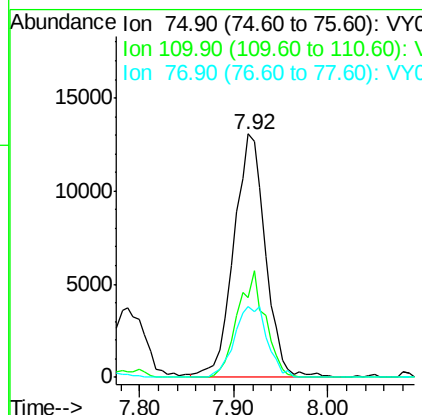
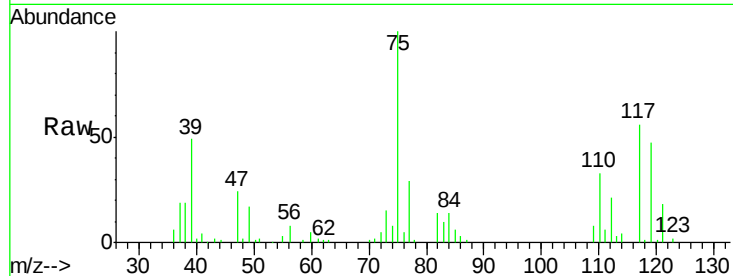
#36
 1,1-Dichloropropene
 Concen: 21.009 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.6	58.7
77	30.4	24.3	36.5

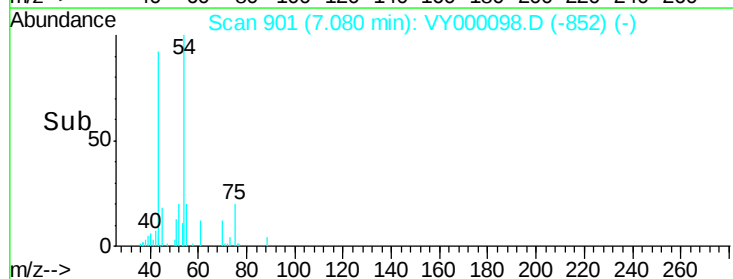
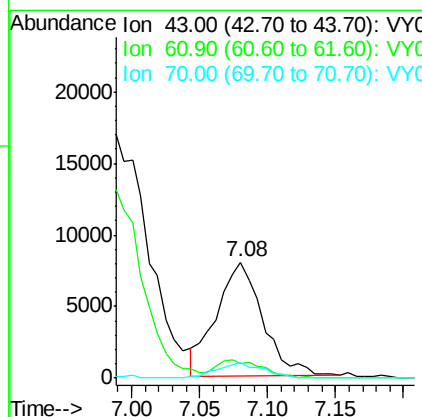
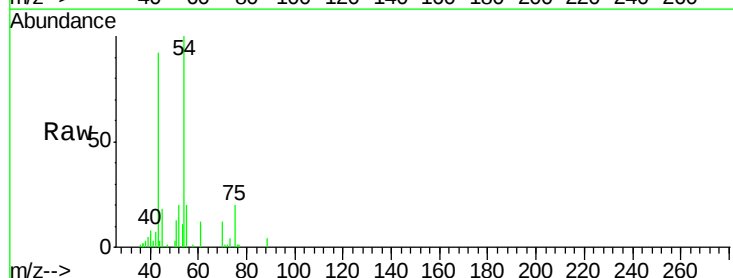
Manual Integrations
 APPROVED

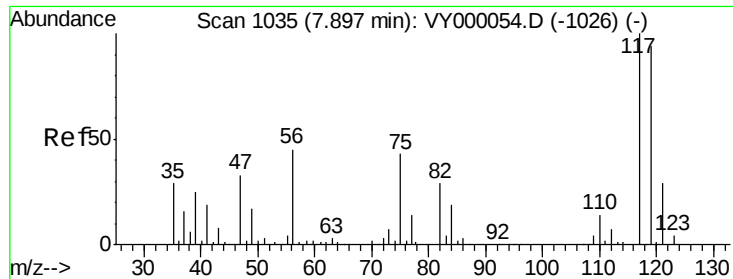
MMDadoda
 9/24/2019 5:32:24 AM



#37
 Ethyl Acetate
 Concen: 19.719 ug/l
 RT: 7.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	14.1	21.1
70	13.4	10.6	15.8





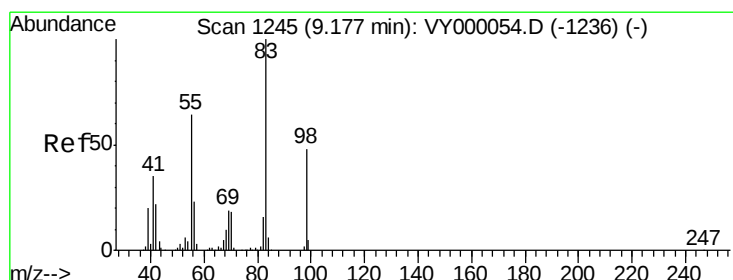
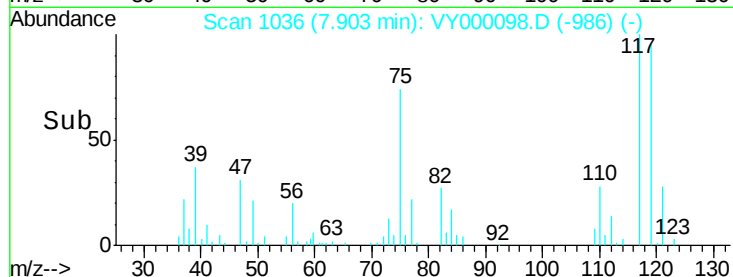
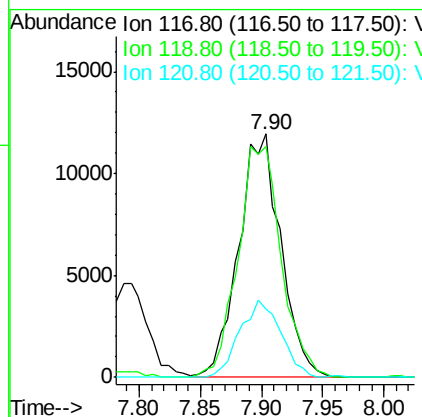
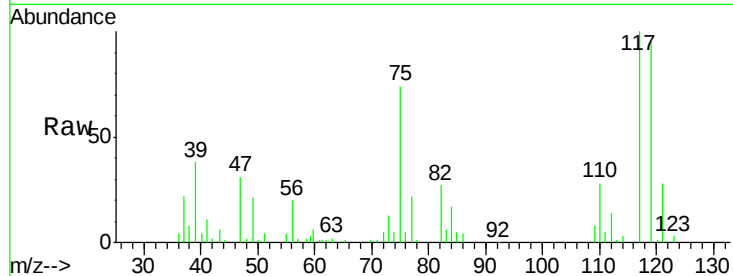
#38
Carbon Tetrachloride
Concen: 20.859 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
121	27.8	22.8	34.2

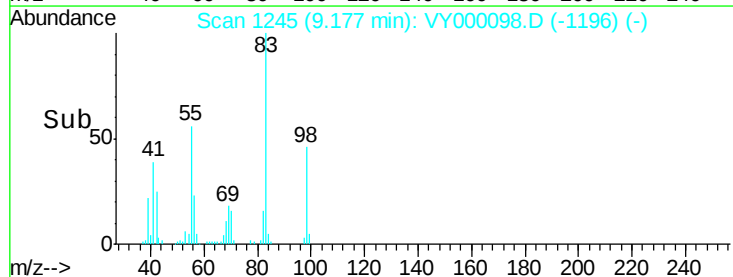
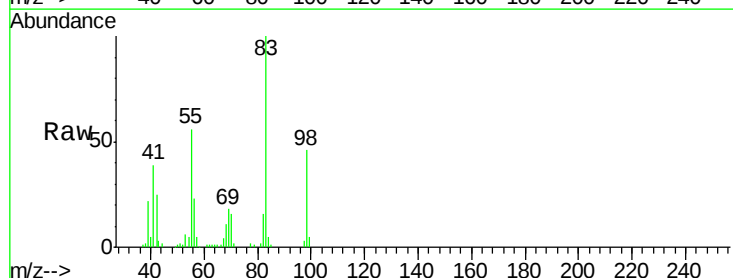
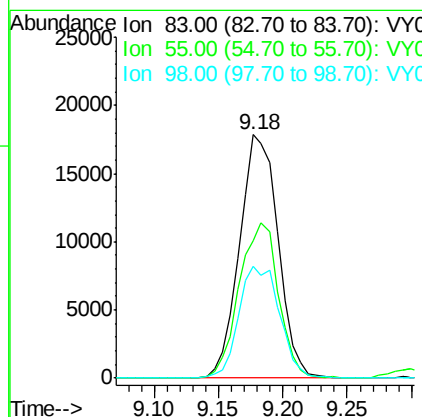
Manual Integrations
APPROVED

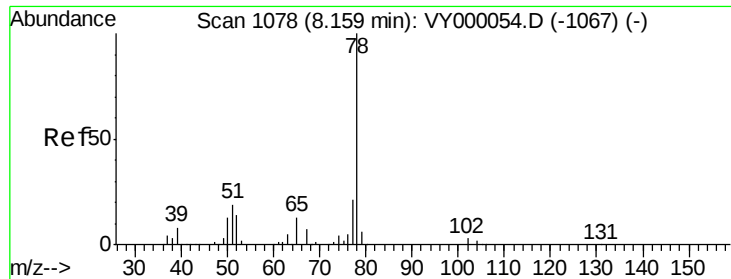
MMDadoda
9/24/2019 5:32:24 AM



#39
Methylcyclohexane
Concen: 20.673 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
83	100		
55	56.5	51.0	76.6
98	46.1	38.5	57.7





#40

Benzene

Concen: 20.710 ug/l

RT: 8.16 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 78 Resp: 99322

Ion Ratio Lower Upper

78 100

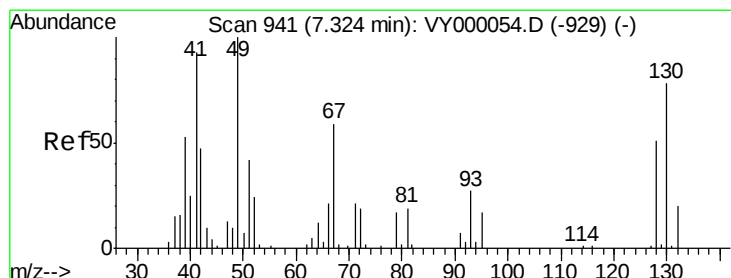
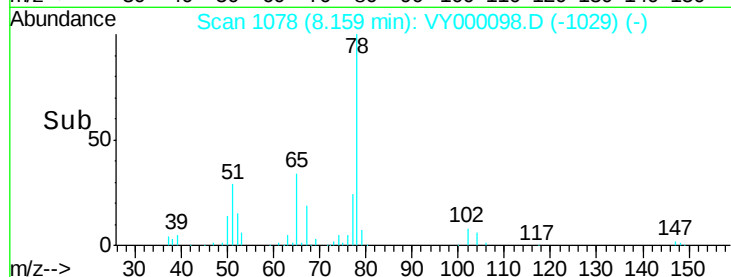
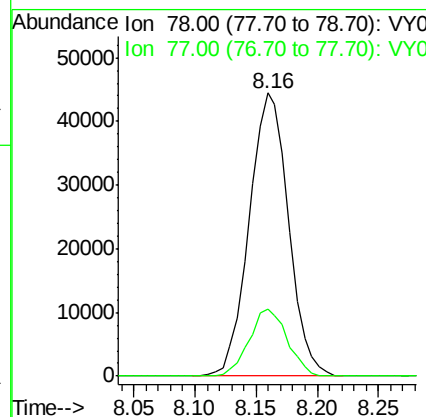
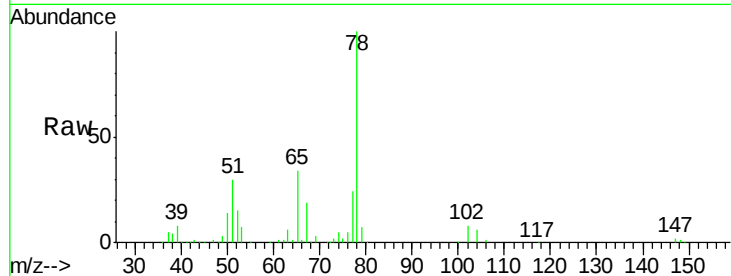
77 23.5 16.8 25.2

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



#41

Methacrylonitrile

Concen: 14.453 ug/l

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Tgt Ion: 41 Resp: 8206

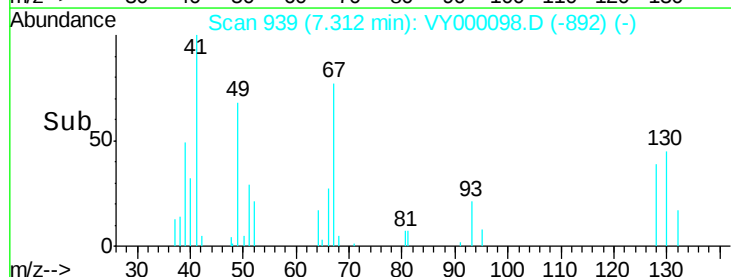
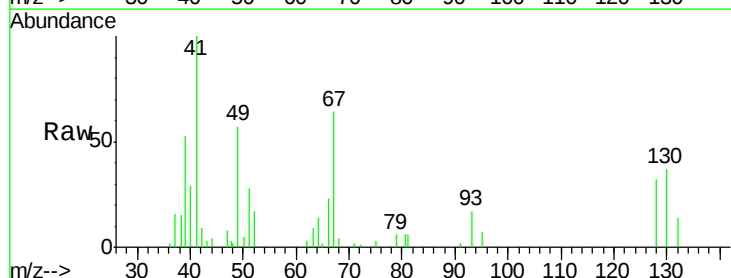
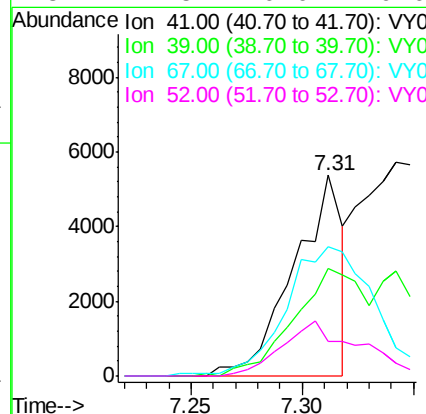
Ion Ratio Lower Upper

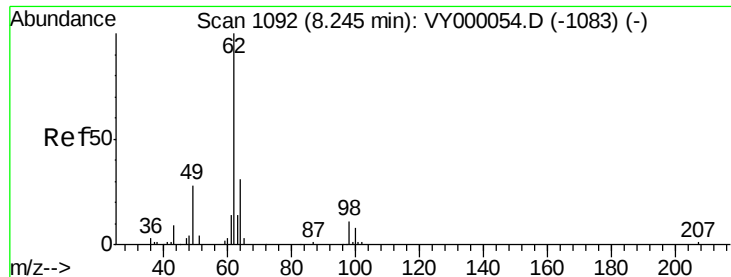
41 100

39 76.4 91.8 137.6#

67 115.7 0.0 0.0#

52 42.5 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 21.437 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 62 Resp: 27232

Ion Ratio Lower Upper

62 100

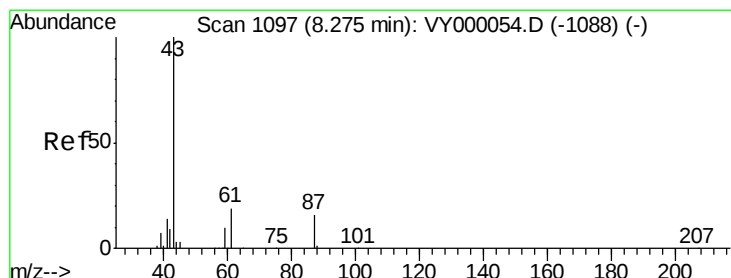
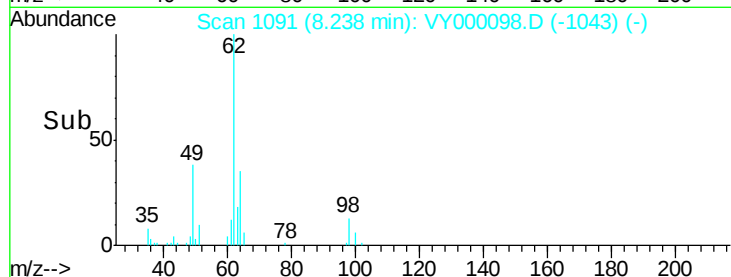
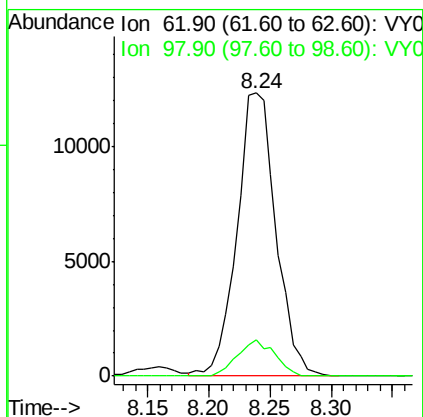
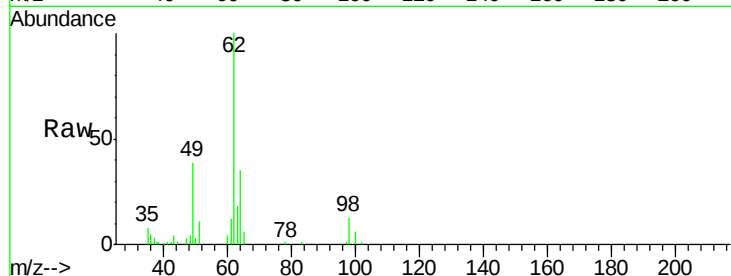
98 12.2 0.0 23.6

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



#43

Isopropyl Acetate

Concen: 20.522 ug/l

RT: 8.28 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

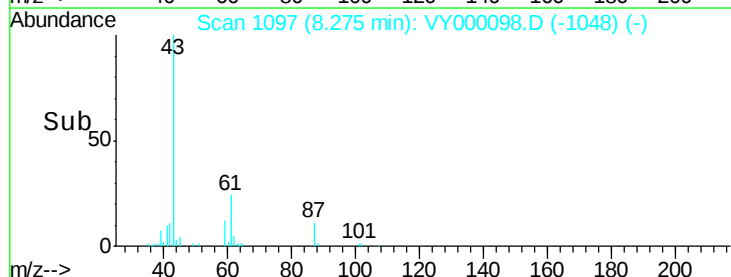
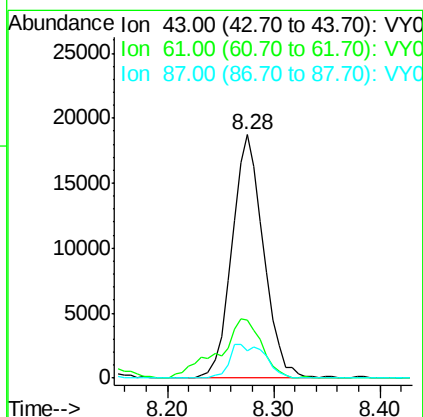
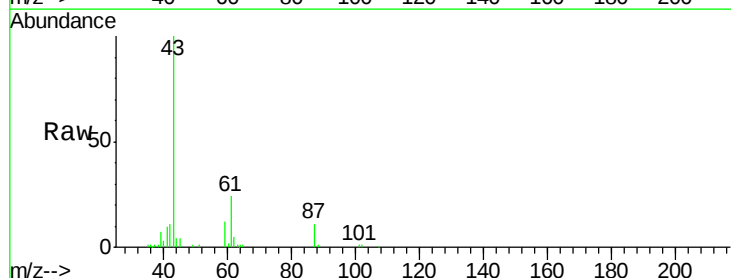
Tgt Ion: 43 Resp: 38846

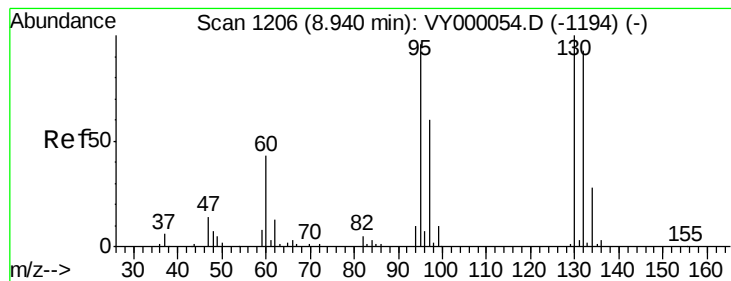
Ion Ratio Lower Upper

43 100

61 32.4 25.0 37.6

87 15.7 12.4 18.6





#44

Trichloroethene

Concen: 20.163 ug/l

RT: 8.94 min Scan# 1206

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion:130 Resp: 24704

Ion Ratio Lower Upper

130 100

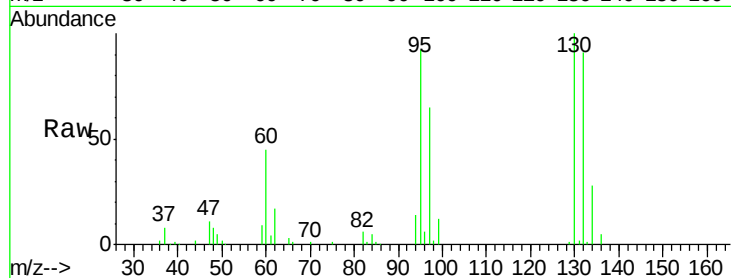
95 91.8 0.0 192.0

Manual Integrations

APPROVED

MMDadoda

9/24/2019 5:32:24 AM



Abundance Ion 129.80 (129.50 to 130.50): VY000098.D (-1157) (-)

Ion 94.90 (94.60 to 95.60): VY000098.D (-1157) (-)

8.94

15000

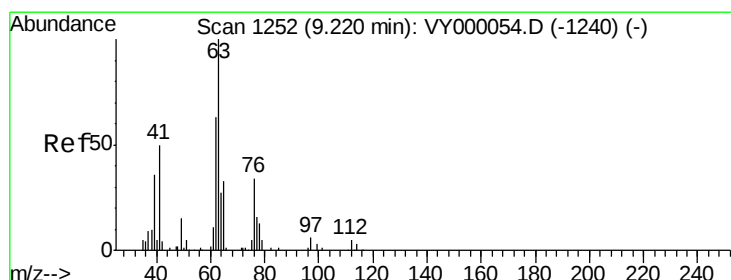
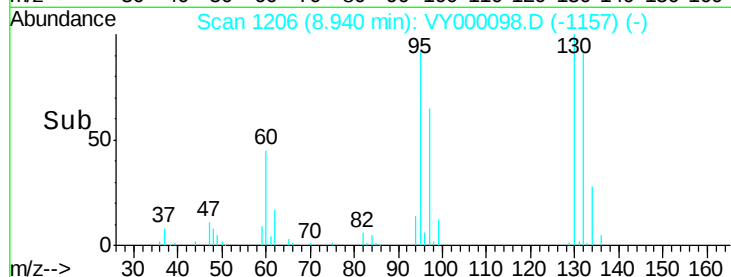
10000

5000

0

8.85 8.90 8.95 9.00

Time-->



#45

1,2-Dichloropropane

Concen: 22.041 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VY000098.D

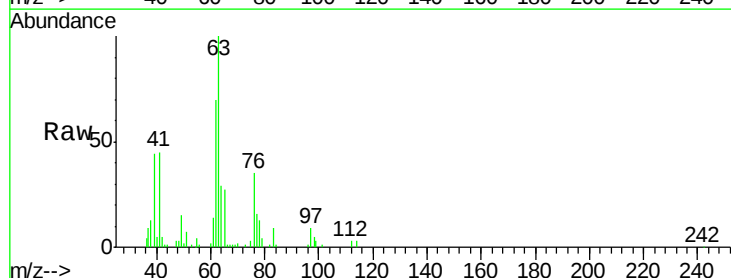
Acq: 20 Sep 2019 11:20

Tgt Ion: 63 Resp: 27383

Ion Ratio Lower Upper

63 100

65 26.6 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY000098.D (-1203) (-)

Ion 64.90 (64.60 to 65.60): VY000098.D (-1203) (-)

9.21

15000

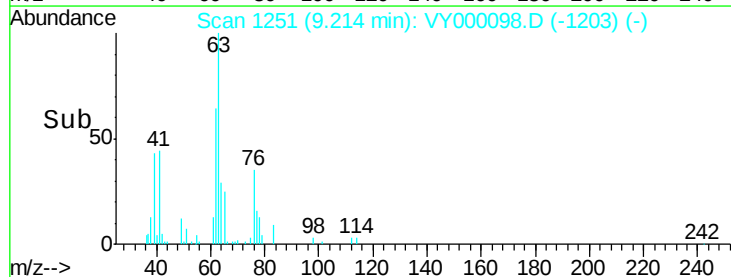
10000

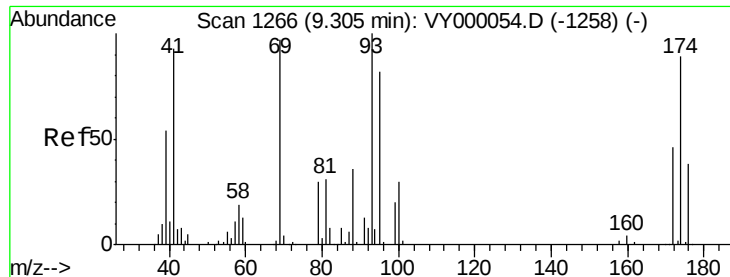
5000

0

9.10 9.15 9.20 9.25 9.30

Time-->





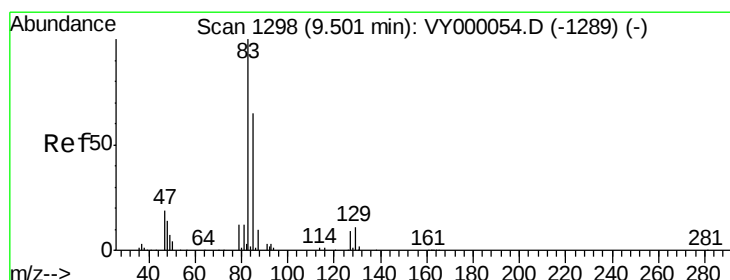
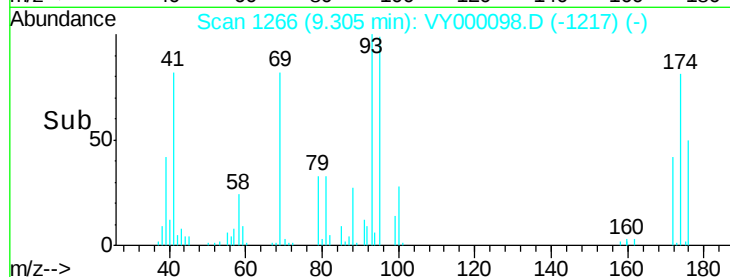
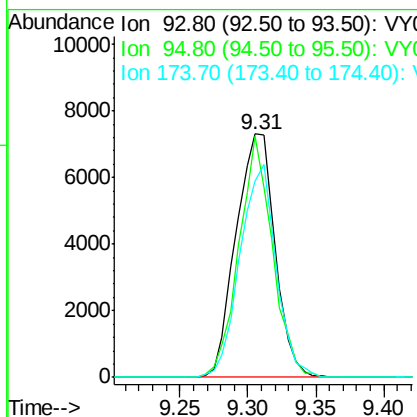
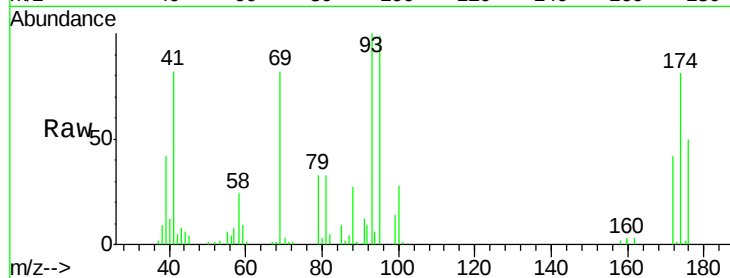
#46
Dibromomethane
Concen: 21.563 ug/l
RT: 9.31 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Lower	Upper
93	100		
95	85.2	68.1	102.1
174	81.3	67.8	101.6

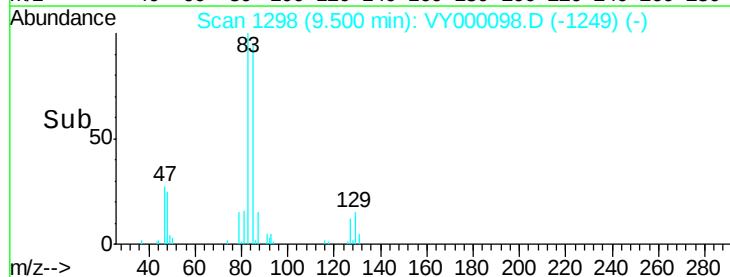
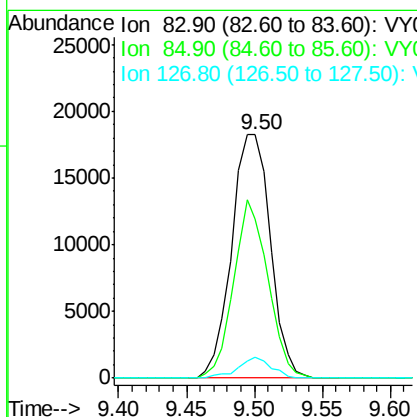
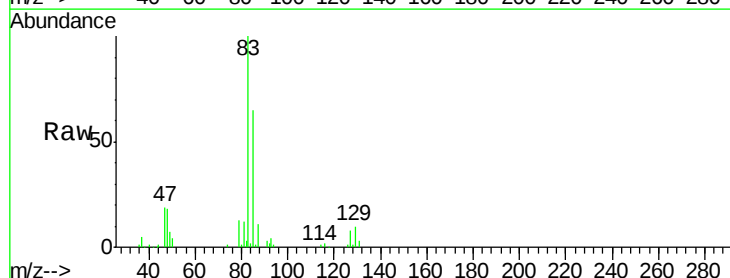
Manual Integrations
APPROVED

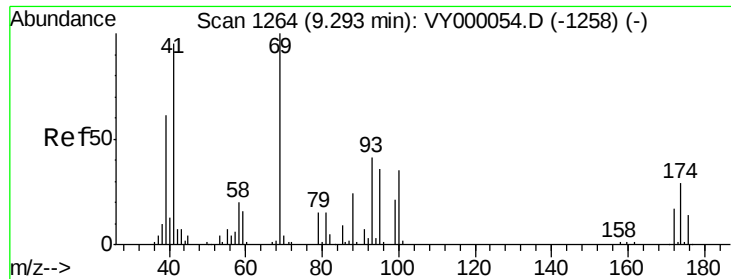
MMDadoda
9/24/2019 5:32:24 AM



#47
Bromodichloromethane
Concen: 22.004 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.3	78.5
127	8.5	6.8	10.2





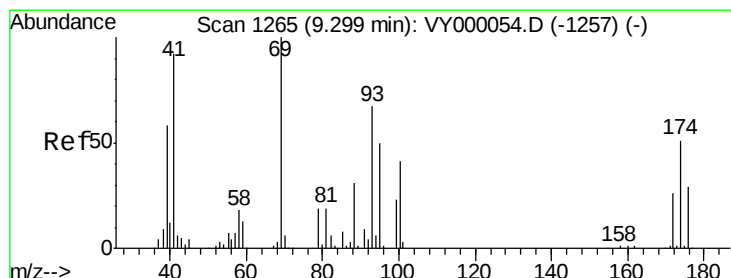
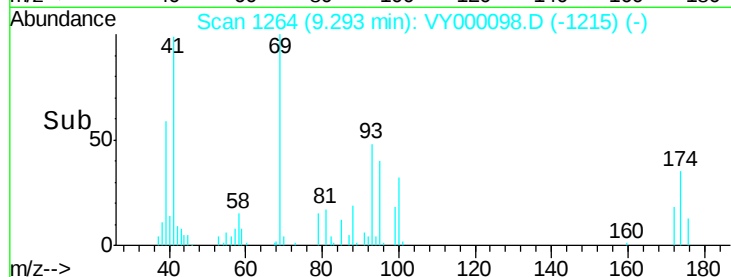
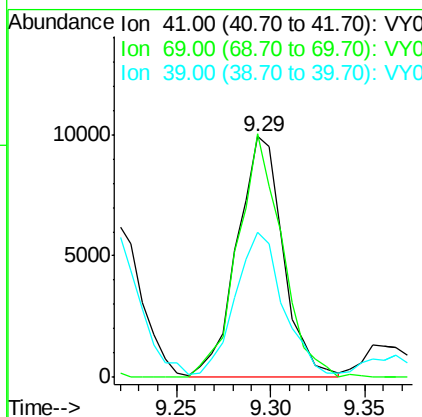
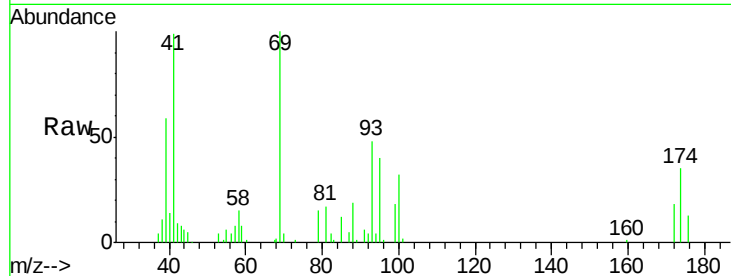
#48
Methvl methacrvlate
Concen: 20.237 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	16847		
69	97.7		78.1	117.1
39	61.9		49.4	74.0

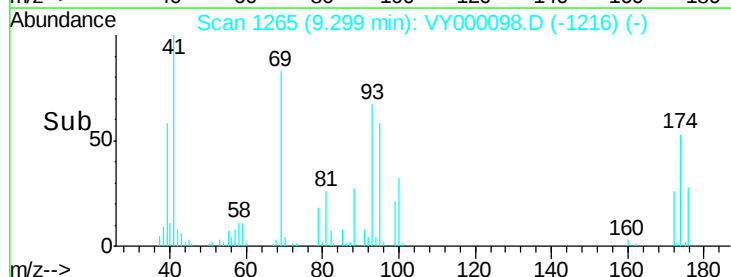
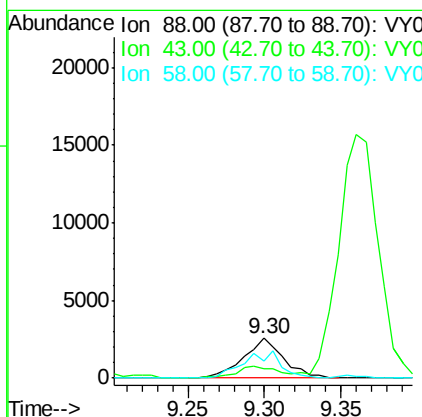
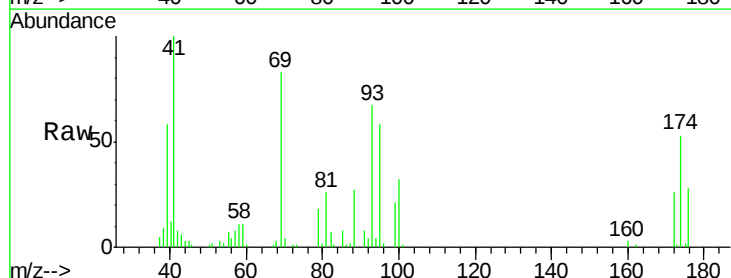
Manual Integrations
APPROVED

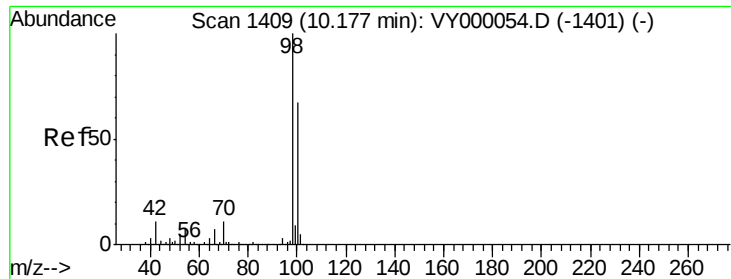
MMDadoda
9/24/2019 5:32:24 AM



#49
1,4-Dioxane
Concen: 353.320 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	4655		
43	30.7		18.7	28.1#
58	63.2		53.0	79.6





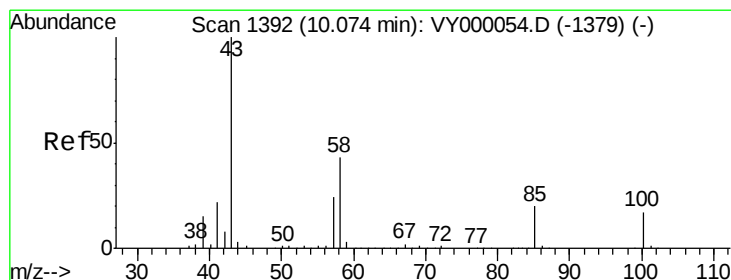
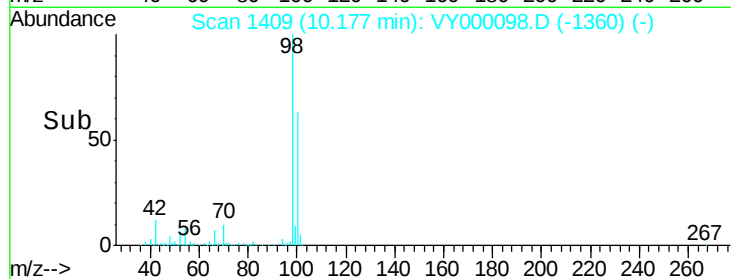
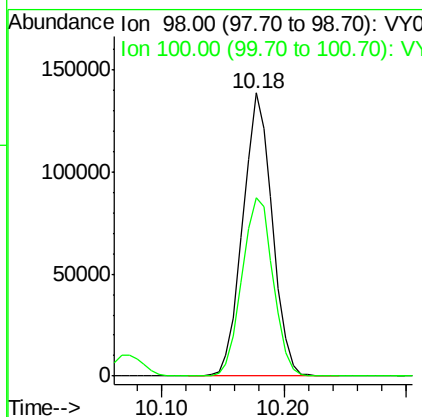
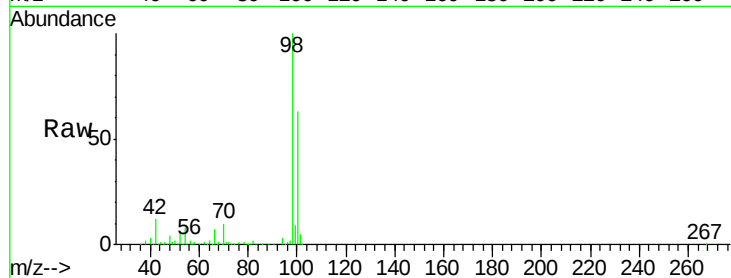
#50
Toluene-d8
Concen: 50.043 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7

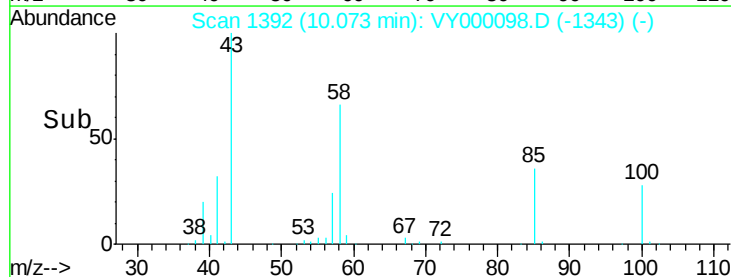
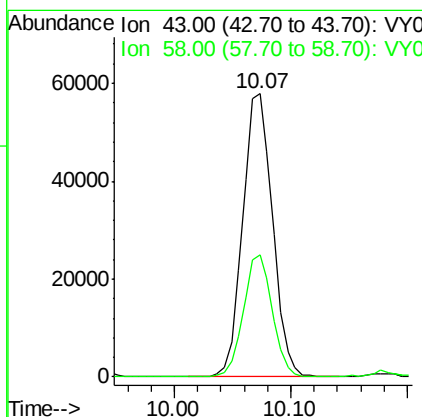
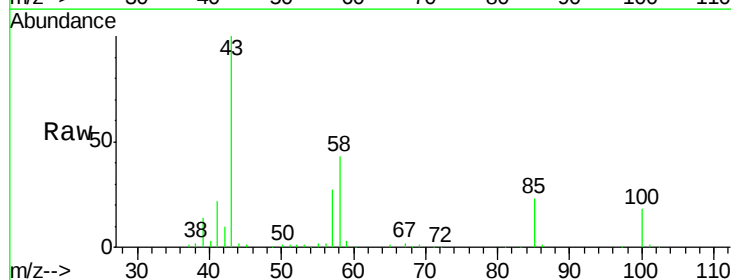
Manual Integrations
APPROVED

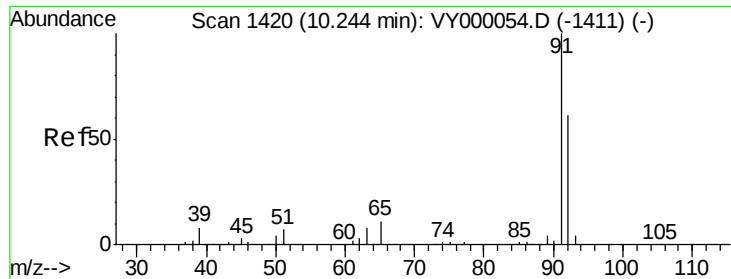
MMDadoda
9/24/2019 5:32:24 AM



#51
4-Methyl-2-Pentanone
Concen: 100.303 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.5	34.2	51.2





#52

Toluene

Concen: 22.400 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 92 Resp: 68253

Ion Ratio Lower Upper

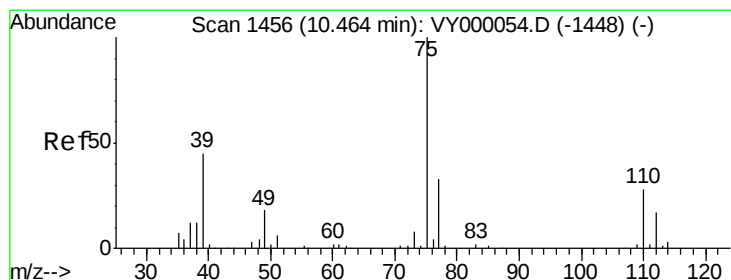
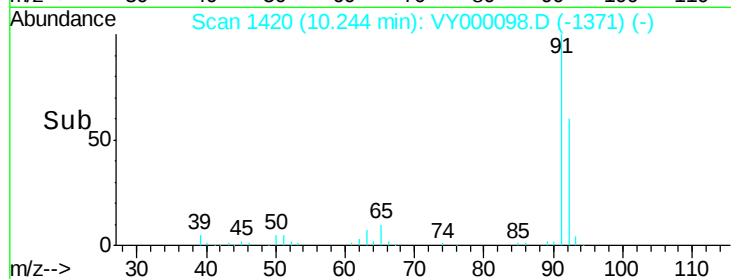
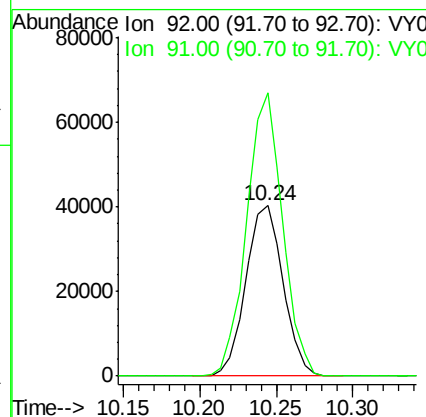
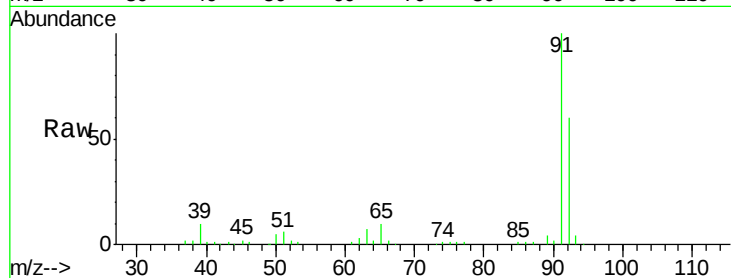
92 100

91 160.7 135.8 203.6

Manual Integrations
APPROVED

MMDadoda

9/24/2019 5:32:24 AM



#53

t-1,3-Dichloropropene

Concen: 22.615 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000098.D

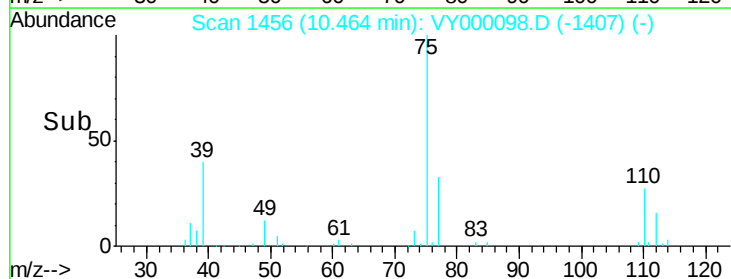
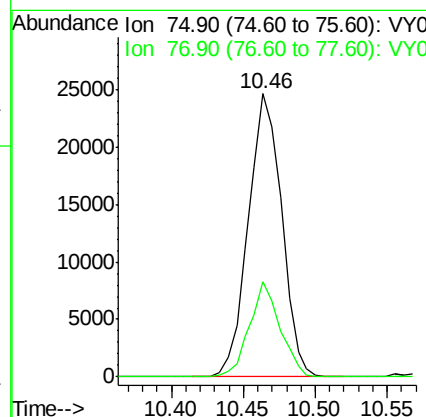
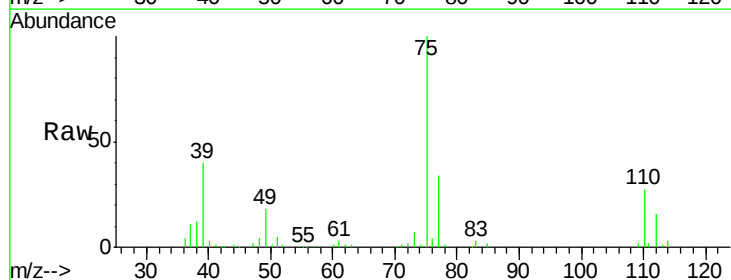
Acq: 20 Sep 2019 11:20

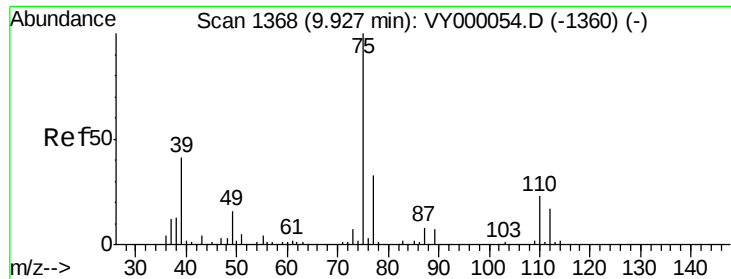
Tgt Ion: 75 Resp: 39484

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2





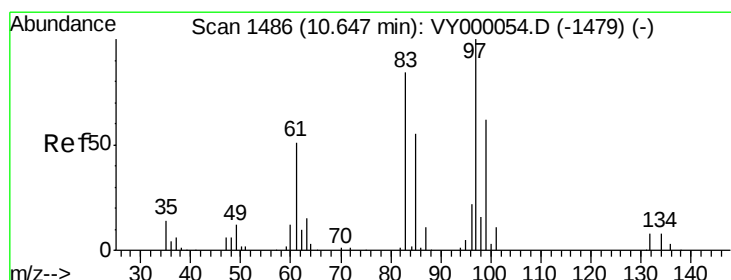
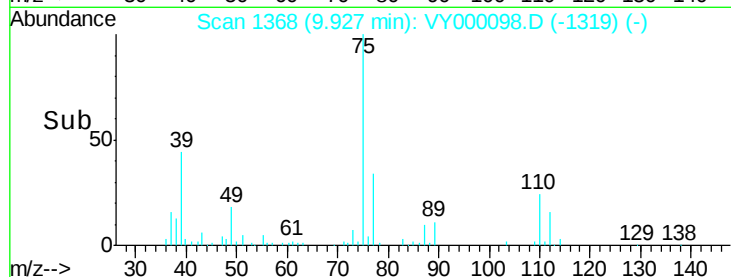
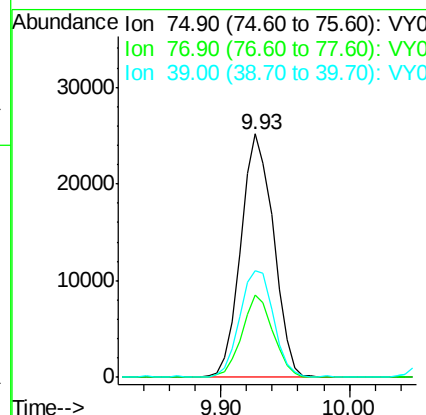
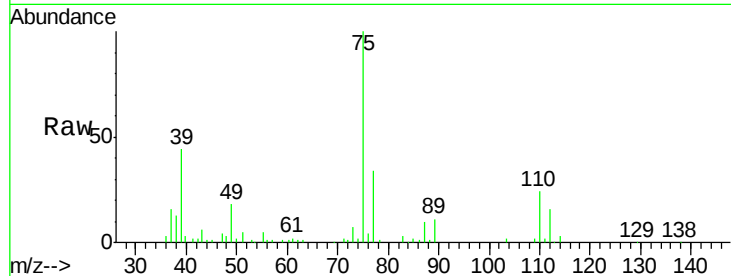
#54
 cis-1,3-Dichloropropene
 Concen: 21.880 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.1	39.1
39	43.9	33.1	49.7

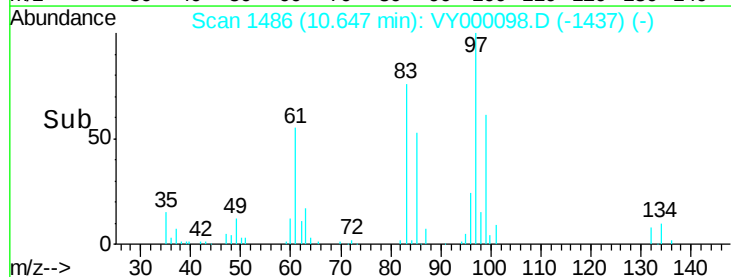
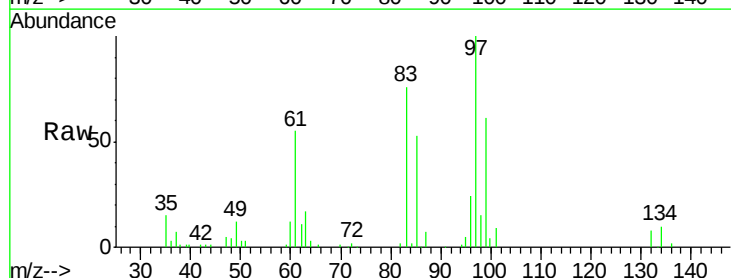
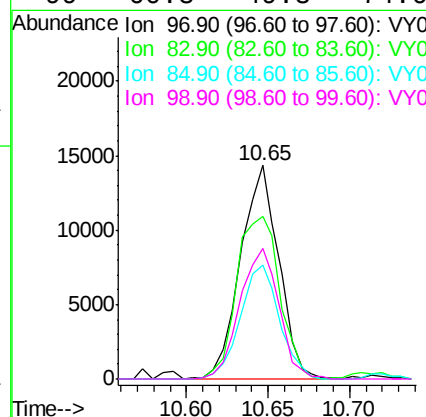
Manual Integrations
 APPROVED

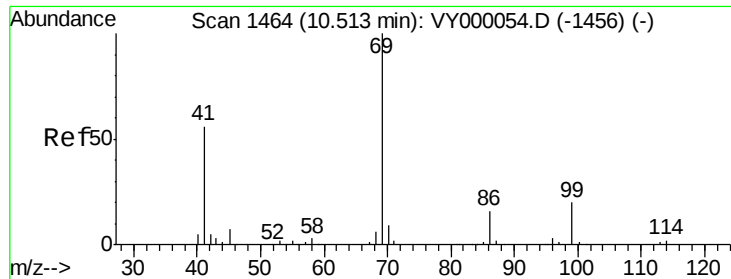
MMDadoda
 9/24/2019 5:32:24 AM



#55
 1,1,2-Trichloroethane
 Concen: 22.071 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.0	67.3	100.9
85	53.3	43.6	65.4
99	60.8	49.8	74.6





#56

Ethyl methacrylate

Concen: 20.973 ug/l

RT: 10.51 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

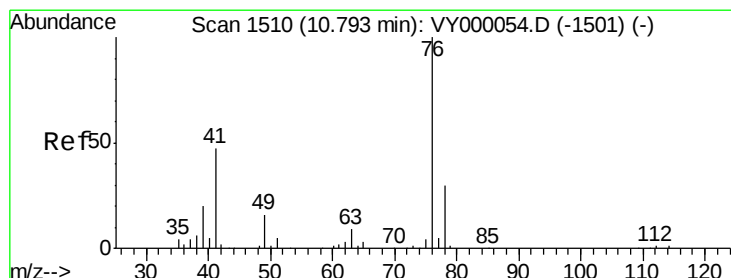
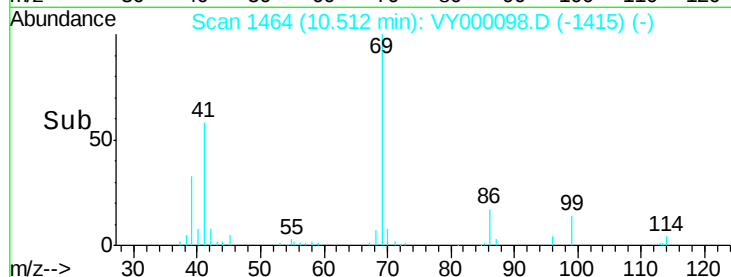
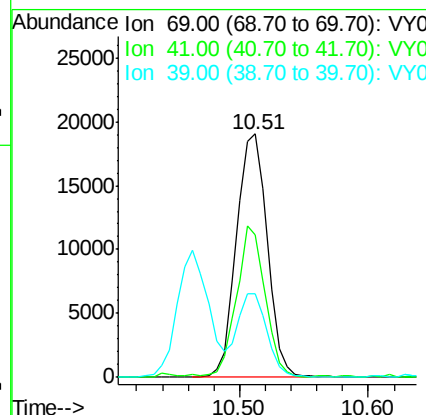
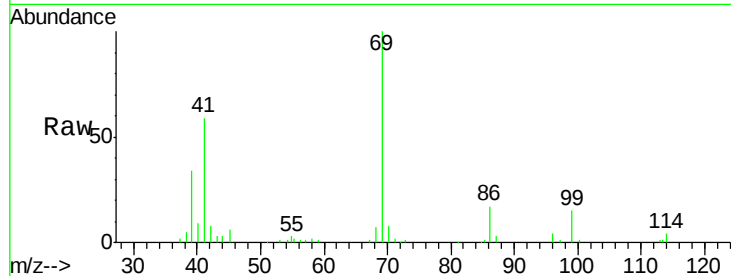
ClientSampleId :

VY0920SBS01

Tot Ion:	69	Resp:	31750
Ion	Ratio	Lower	Upper
69	100		
41	57.9	45.6	68.4
39	33.5	27.3	40.9

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:24 AM



#57

1,3-Dichloropropane

Concen: 21.611 ug/l

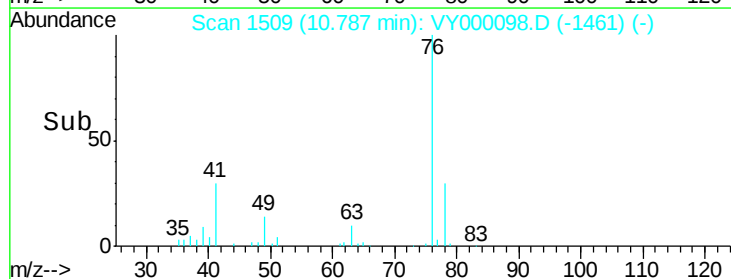
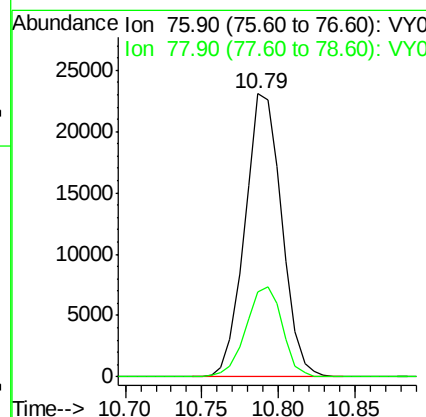
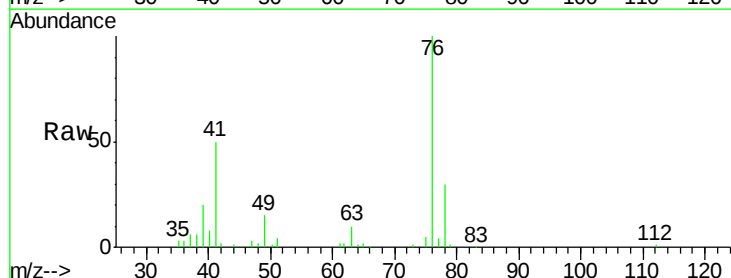
RT: 10.79 min Scan# 1509

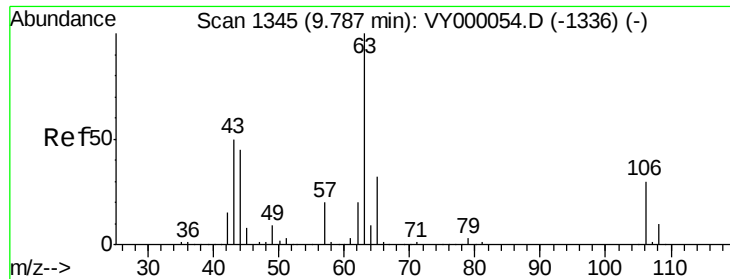
Delta R.T. -0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Tgt Ion:	76	Resp:	38621
Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.6	40.0





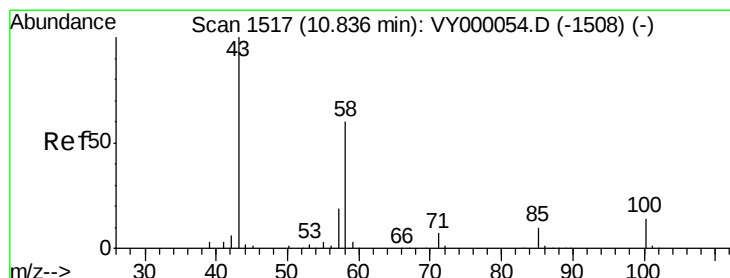
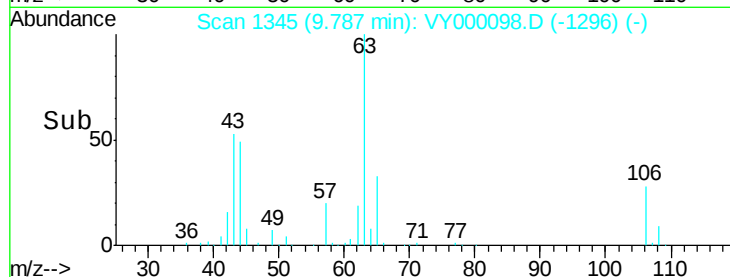
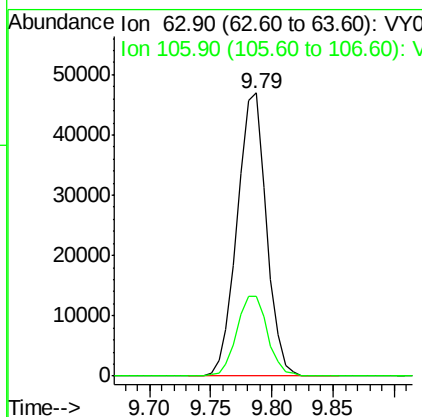
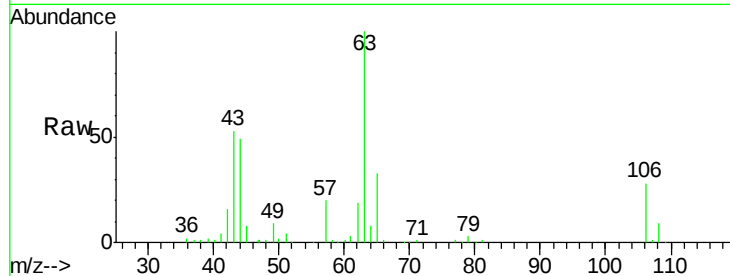
#58
2-Chloroethyl Vinyl ether
Concen: 95.165 ug/l
RT: 9.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion: 63 Resp: 77878
Ion Ratio Lower Upper
63 100
106 29.7 23.3 34.9

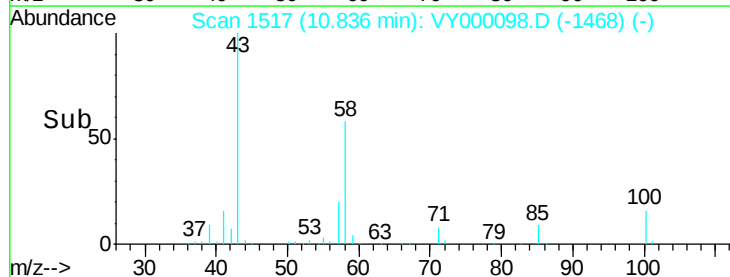
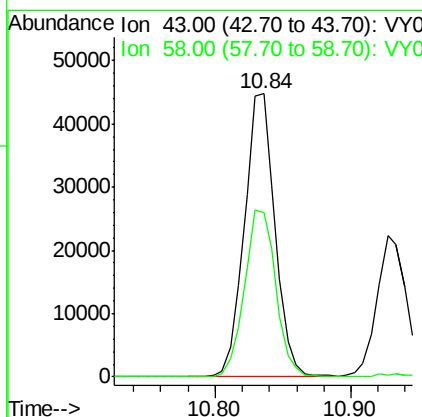
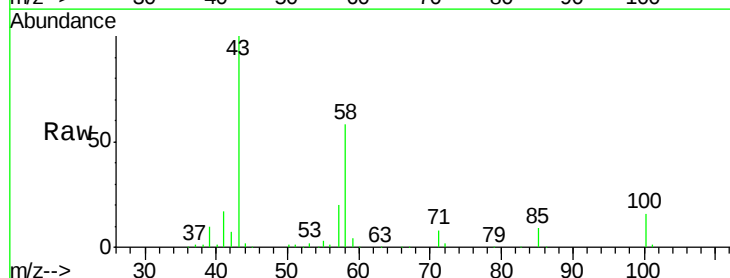
Manual Integrations
APPROVED

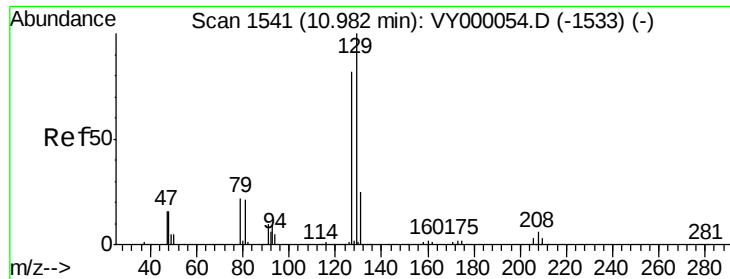
MMDadoda
9/24/2019 5:32:24 AM



#59
2-Hexanone
Concen: 95.777 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion: 43 Resp: 70617
Ion Ratio Lower Upper
43 100
58 60.2 29.9 89.7





#60

Dibromochloromethane

Concen: 22.561 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion:129 Resp: 25145

Ion Ratio Lower Upper

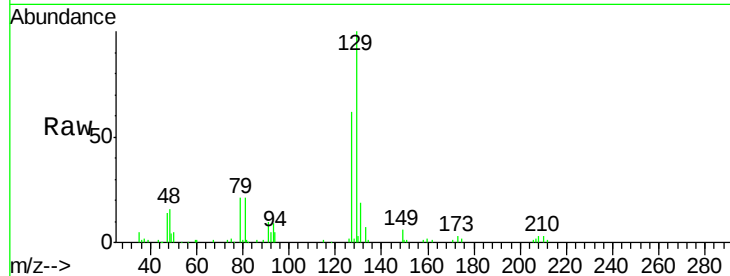
129 100

127 73.2 40.2 120.6

Manual Integrations
APPROVED

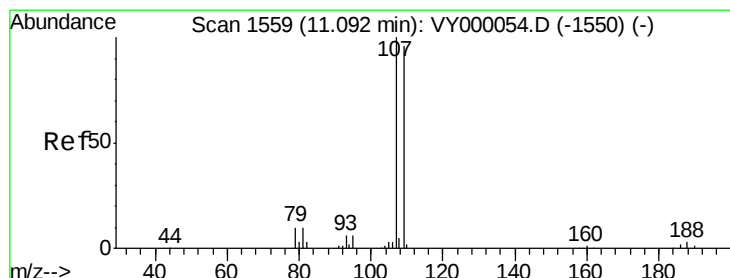
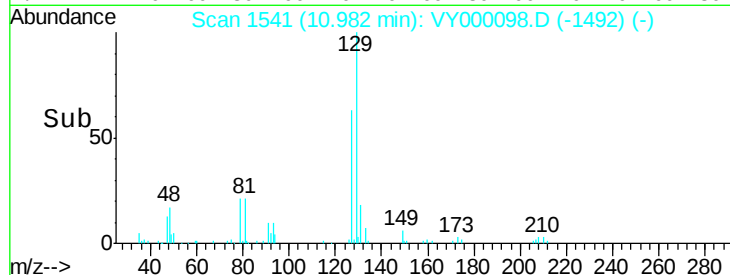
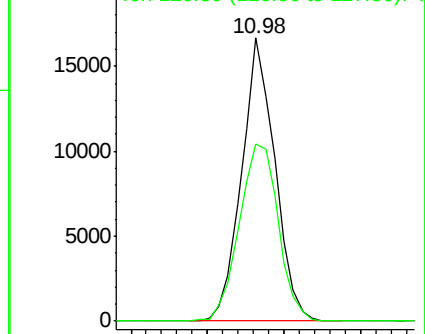
MMDadoda

9/24/2019 5:32:24 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 21.394 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.01 min

Lab File: VY000098.D

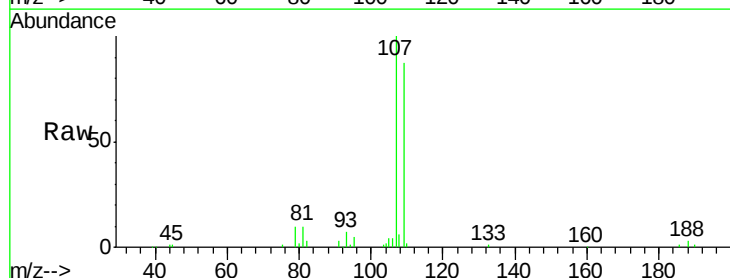
Acq: 20 Sep 2019 11:20

Tgt Ion:107 Resp: 20789

Ion Ratio Lower Upper

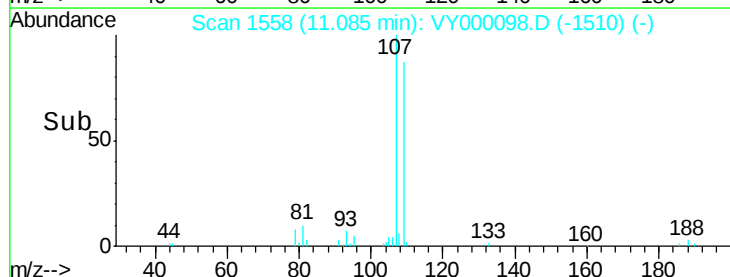
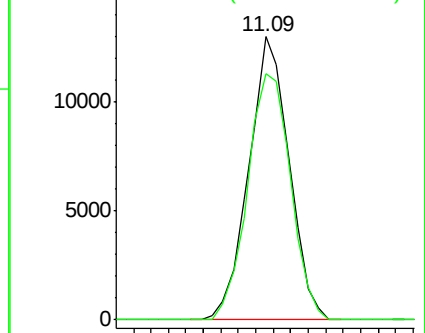
107 100

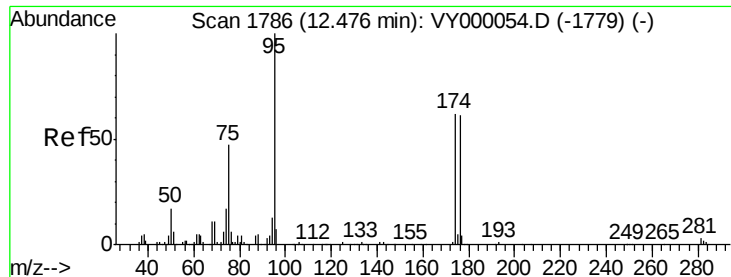
109 92.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





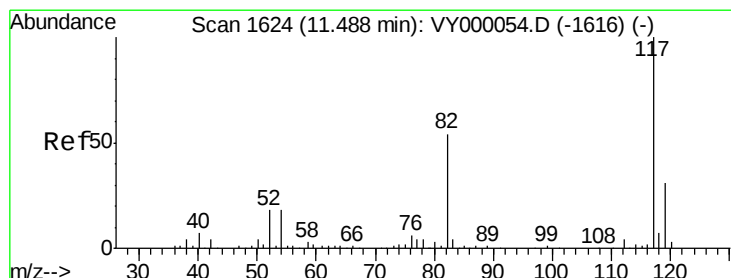
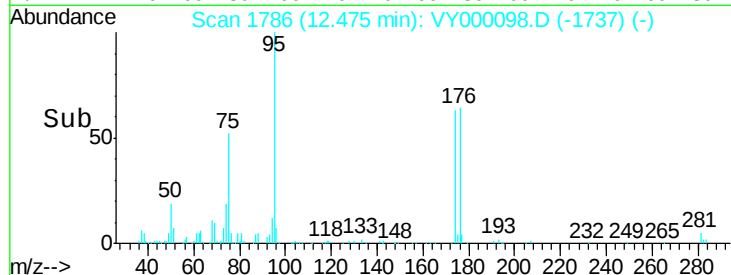
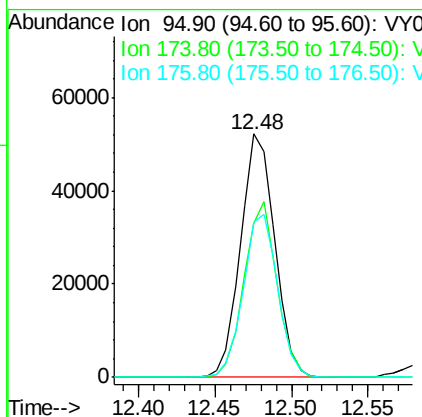
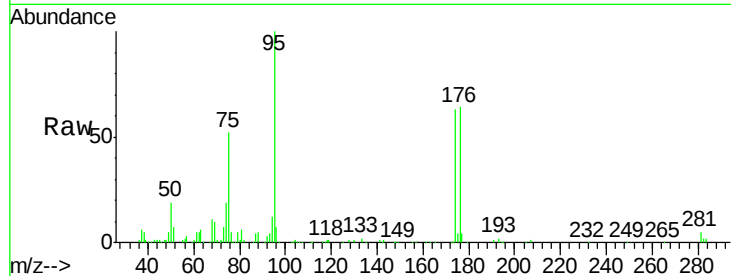
#62
4-Bromofluorobenzene
Concen: 47.225 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	80971		
174	69.2	0.0	137.2	
176	67.6	0.0	135.0	

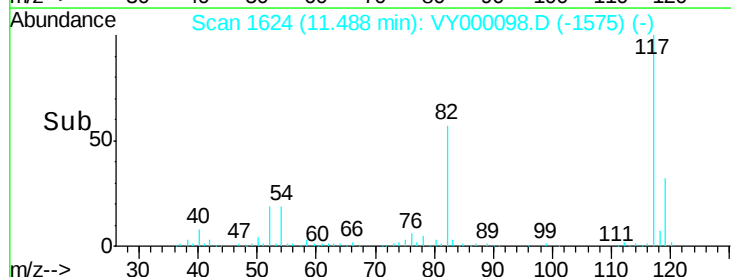
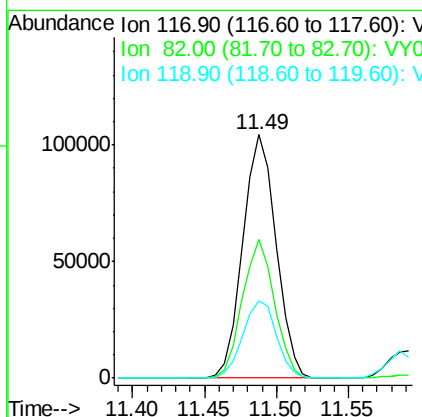
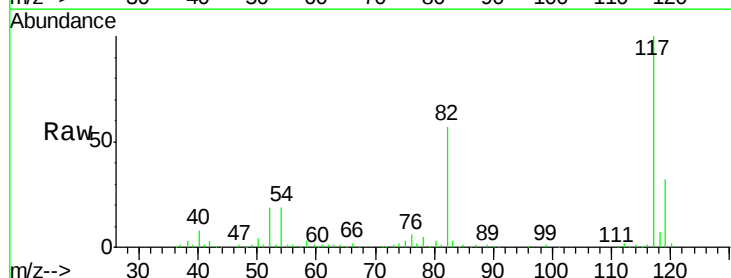
Manual Integrations
APPROVED

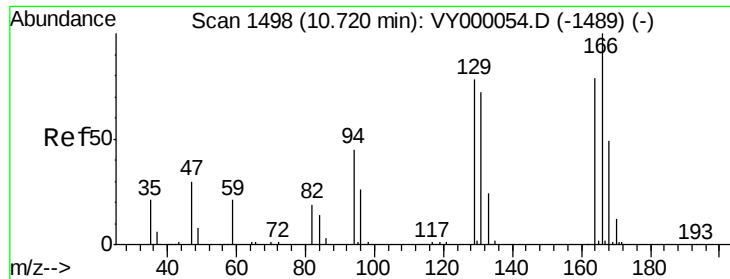
MMDadoda
9/24/2019 5:32:24 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	166584		
82	56.9	43.5	65.3	
119	31.6	24.6	36.8	





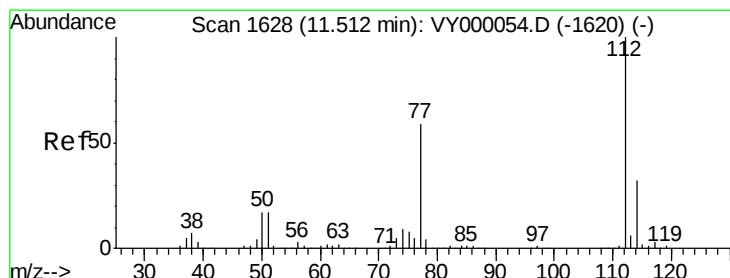
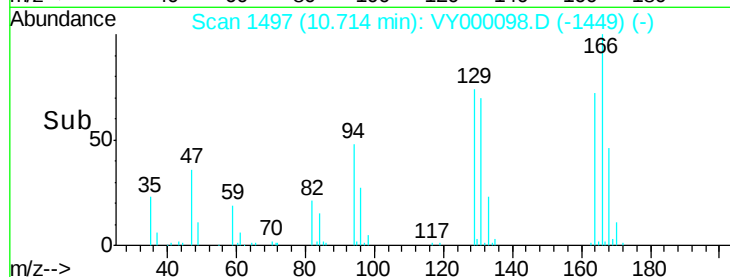
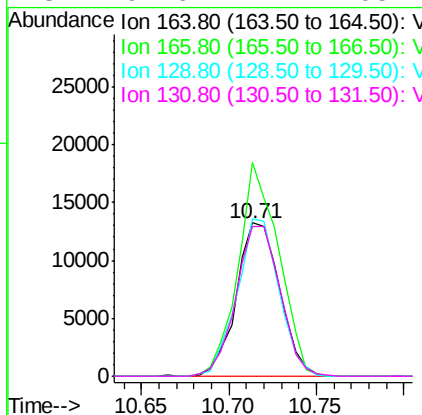
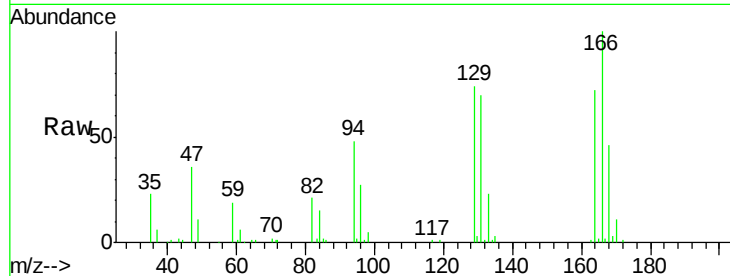
#64
Tetrachloroethene
Concen: 21.829 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	139.3	100.9	151.3
129	102.7	78.4	117.6
131	97.6	72.2	108.2

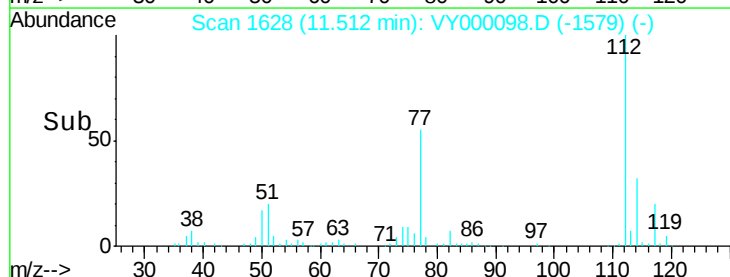
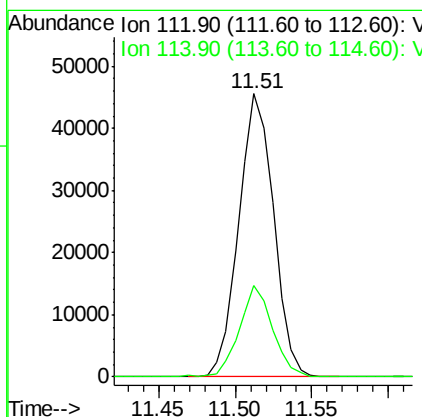
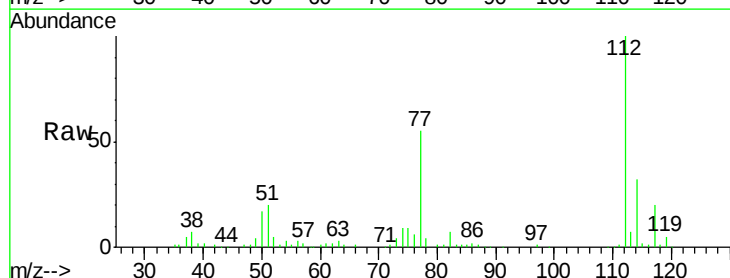
Manual Integrations
APPROVED

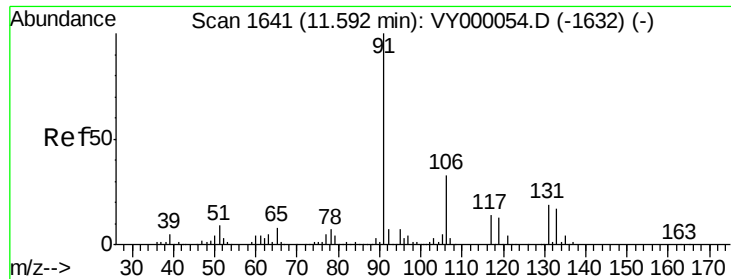
MMDadoda
9/24/2019 5:32:24 AM



#65
Chlorobenzene
Concen: 21.841 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.6	38.4





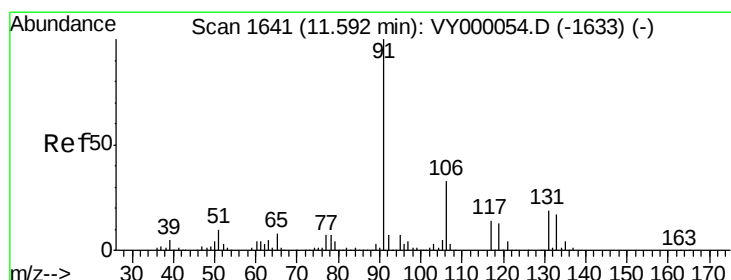
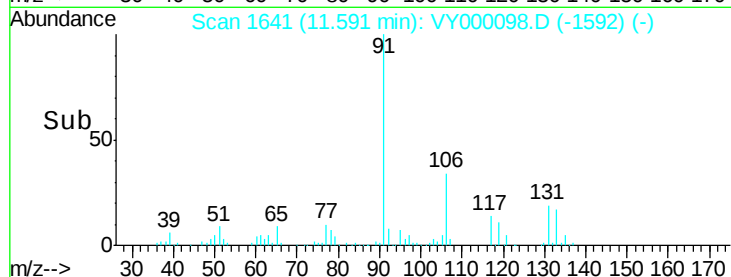
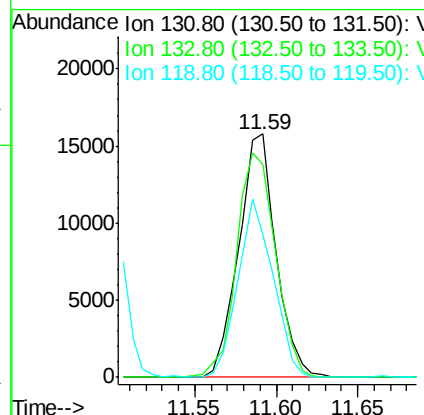
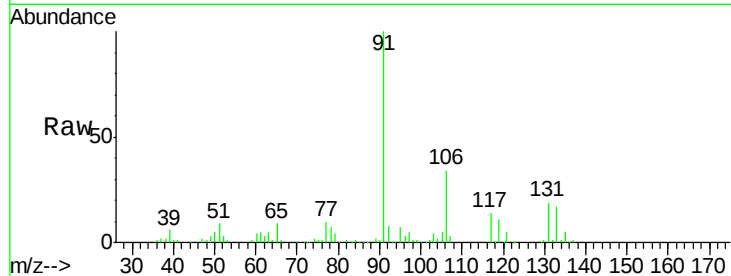
#66
 1,1,1,2-Tetrachloroethane
 Concen: 22.603 ug/l
 RT: 11.59 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	25182		
133	95.9	46.6	139.8	
119	68.5	36.2	108.6	

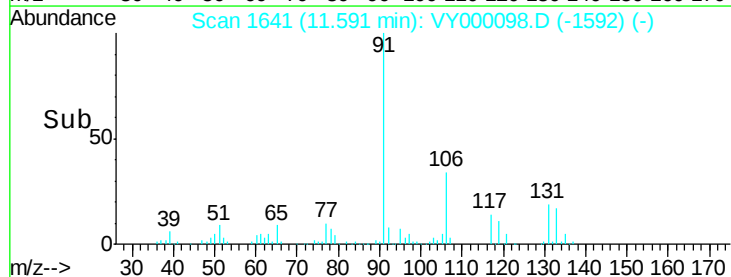
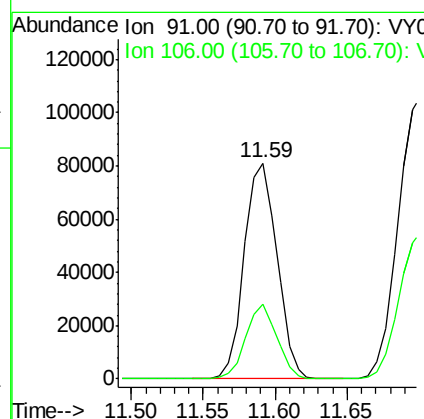
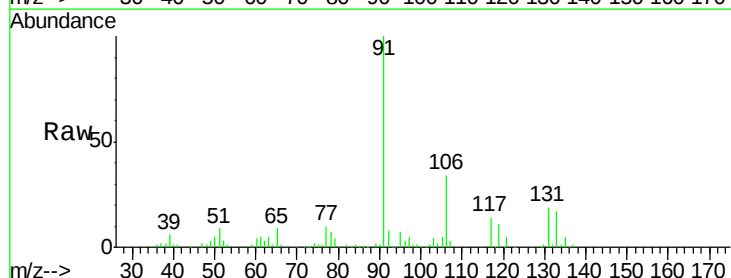
Manual Integrations
 APPROVED

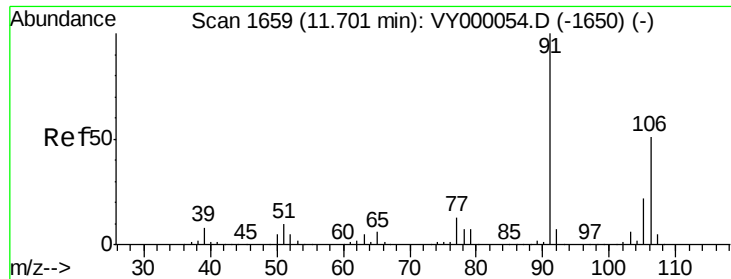
MMDadoda
 9/24/2019 5:32:24 AM



#67
 Ethyl Benzene
 Concen: 21.798 ug/l
 RT: 11.59 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	128184		
106	34.5	26.6	40.0	





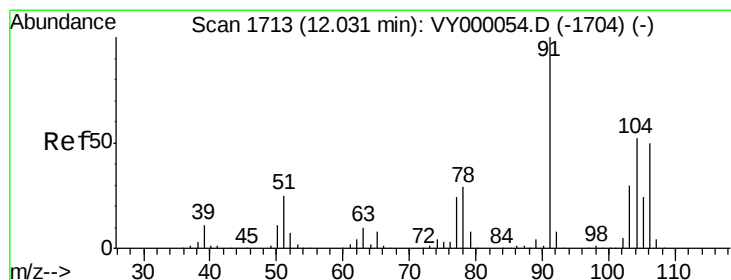
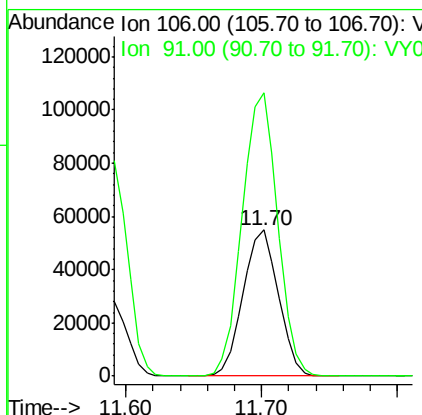
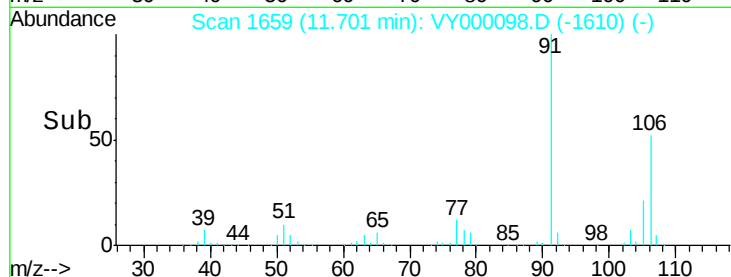
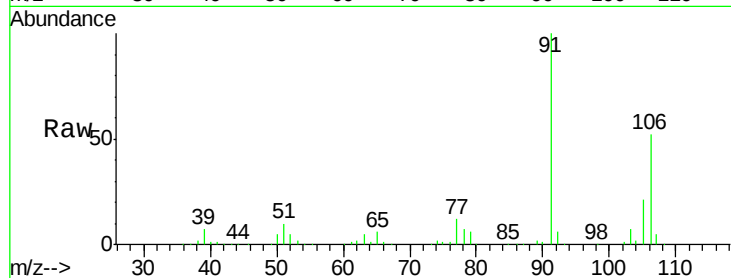
#68
m/p-Xvlenes
Concen: 44.765 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion:106 Resp: 100164
Ion Ratio Lower Upper
106 100
91 193.8 154.5 231.7

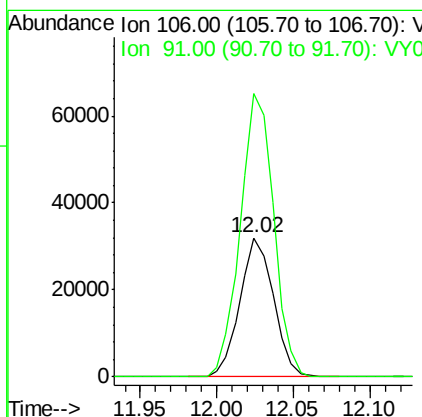
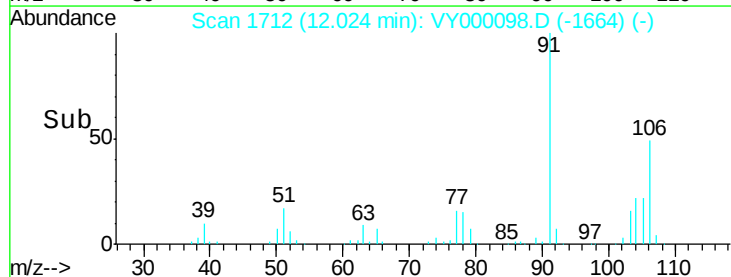
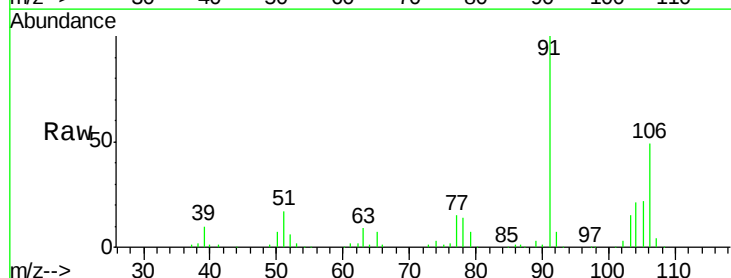
Manual Integrations
APPROVED

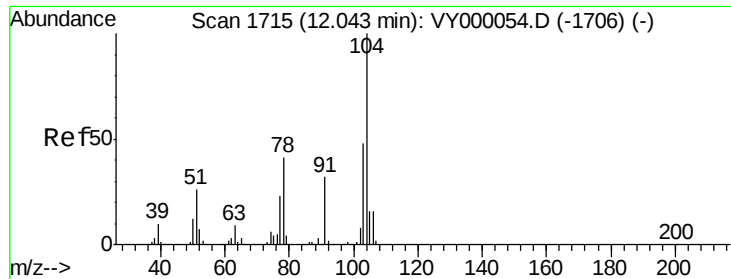
MMDadoda
9/24/2019 5:32:24 AM



#69
o-Xylene
Concen: 22.622 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion:106 Resp: 49013
Ion Ratio Lower Upper
106 100
91 201.8 103.5 310.3





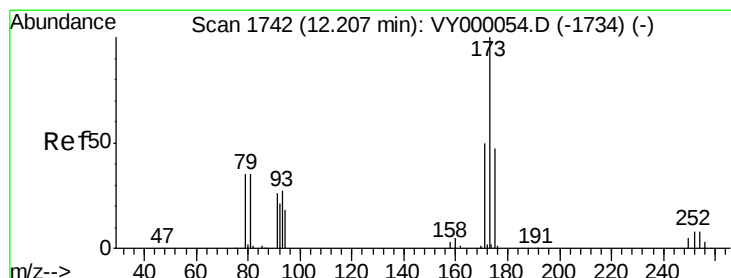
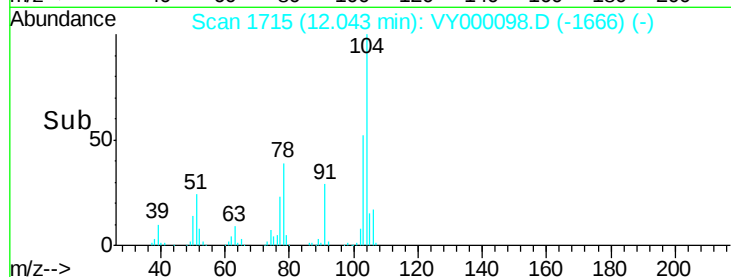
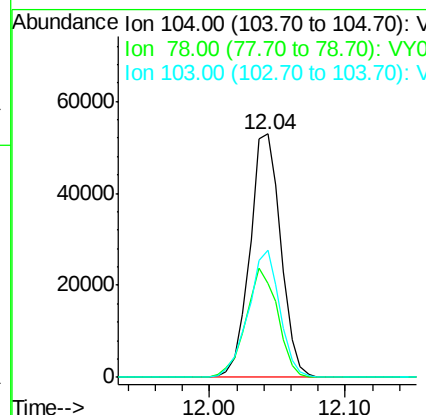
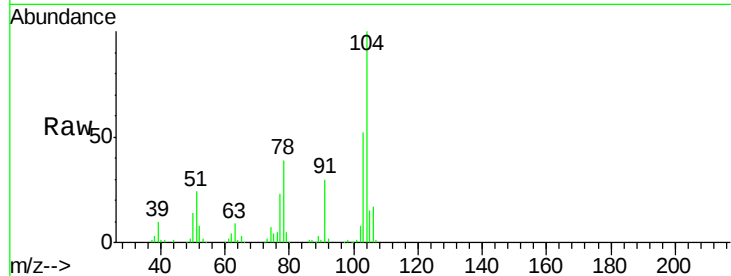
#70
Stvrene
Concen: 22.141 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	84214		
78	45.9		37.7	56.5
103	53.3		42.2	63.4

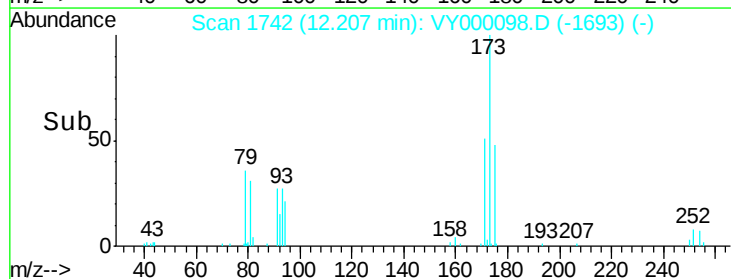
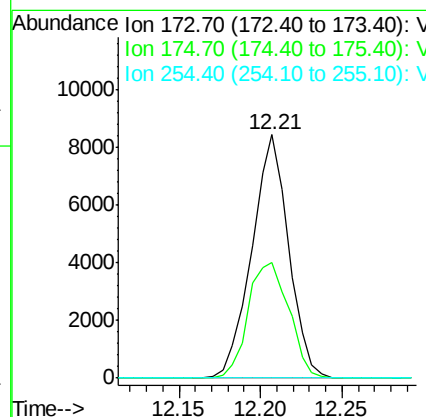
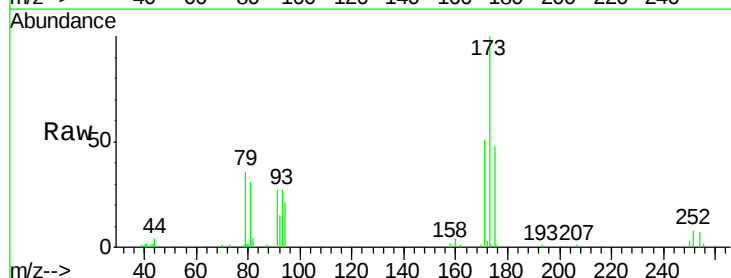
Manual Integrations
APPROVED

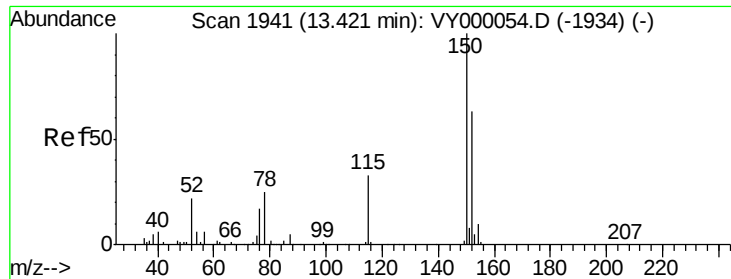
MMDadoda
9/24/2019 5:32:24 AM



#71
Bromoform
Concen: 20.608 ug/l
RT: 12.21 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	13292		
175	52.3		23.6	71.0
254	0.0		0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion:152 Resp: 74412

Ion Ratio Lower Upper

152 100

115 61.6 30.7 92.1

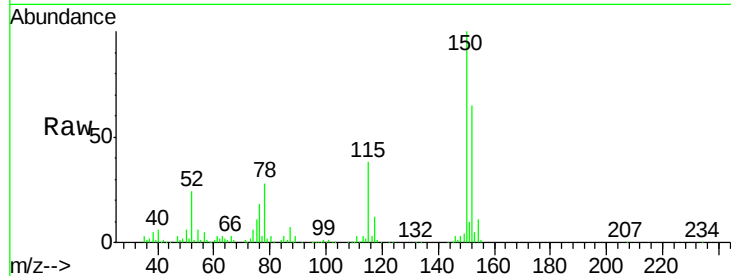
150 164.6 0.0 351.6

Manual Integrations

APPROVED

MMDadoda

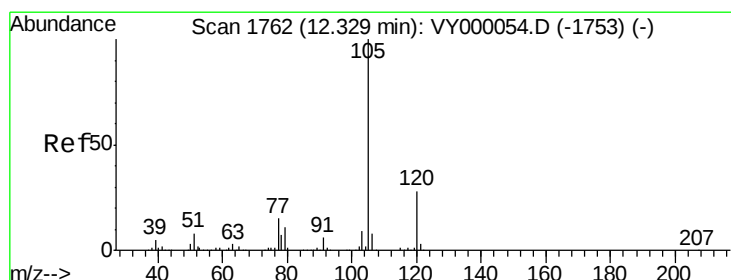
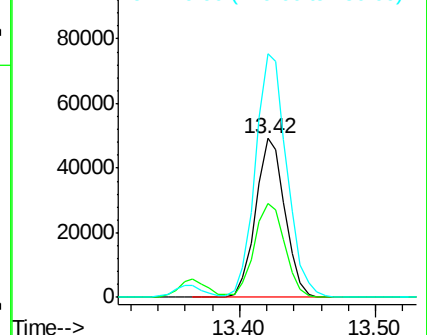
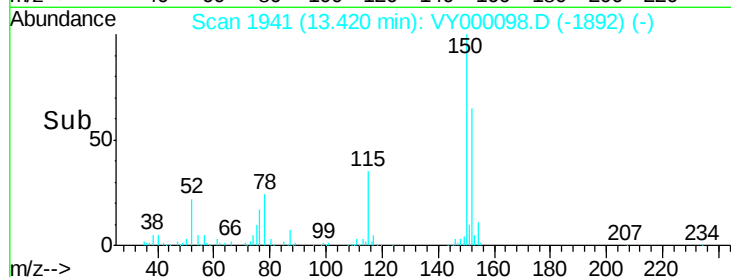
9/24/2019 5:32:24 AM



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: 21.096 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000098.D

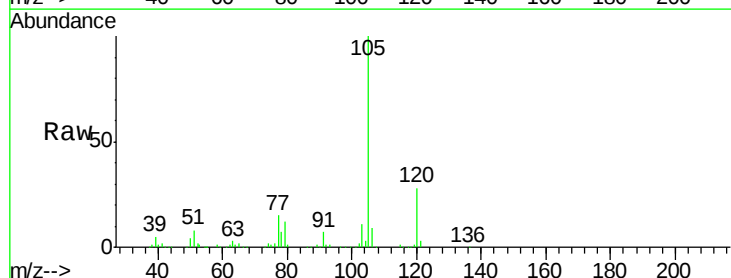
Acq: 20 Sep 2019 11:20

Tgt Ion:105 Resp: 126512

Ion Ratio Lower Upper

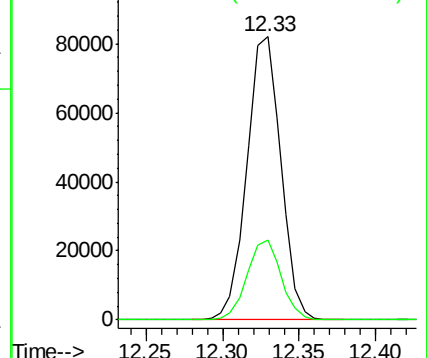
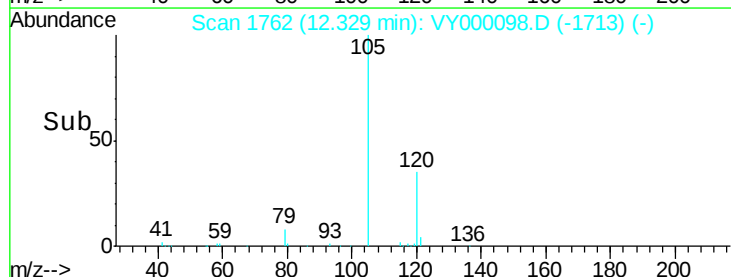
105 100

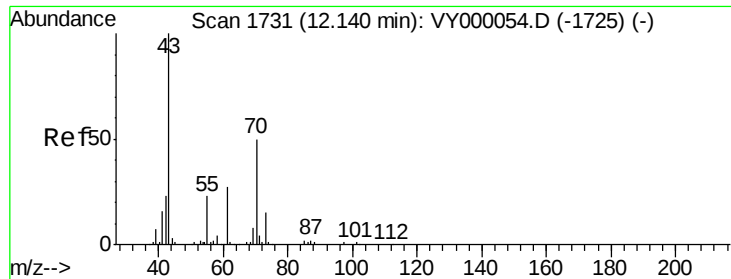
120 28.2 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 20.382 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

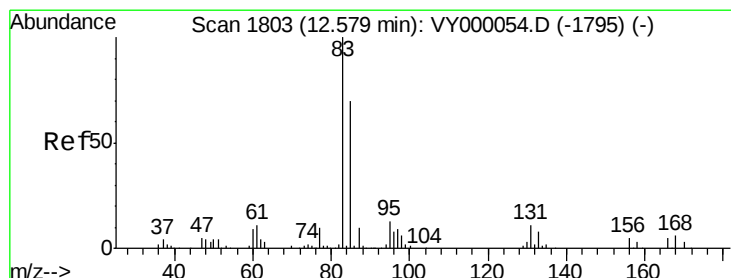
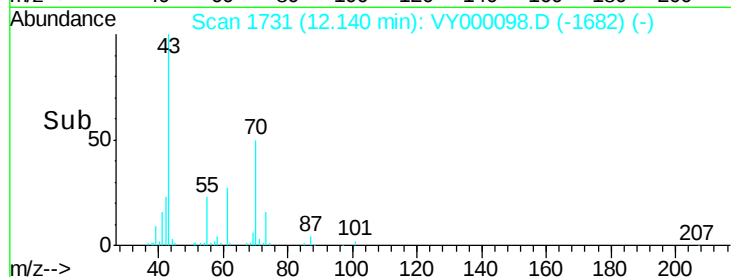
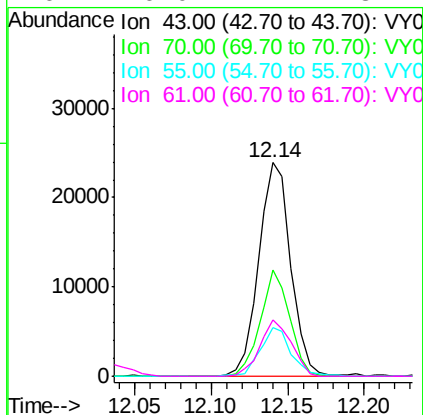
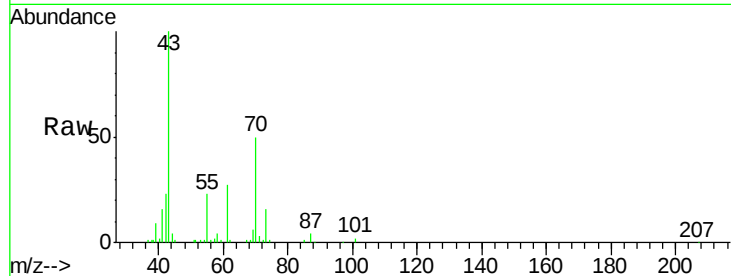
ClientSampleId :

VY0920SBS01

Tot Ion:	43	Resp:	34821
Ion	Ratio	Lower	Upper
43	100		
70	45.9	38.8	58.2
55	22.0	18.8	28.2
61	26.0	21.4	32.2

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:24 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 20.820 ug/l

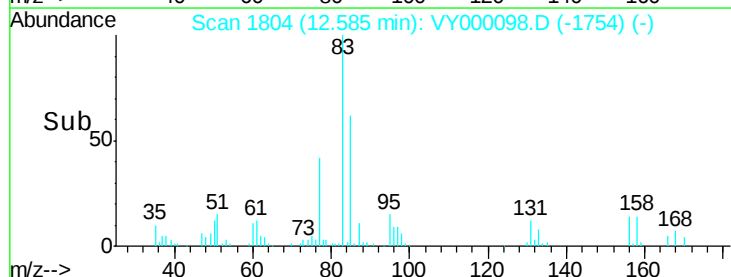
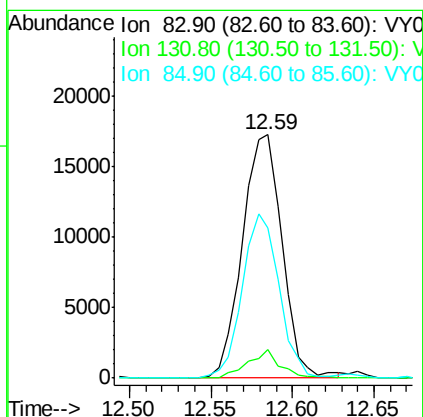
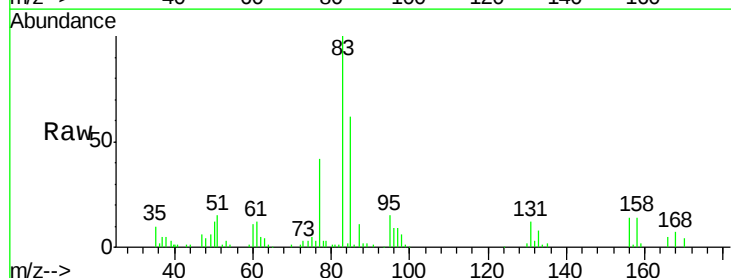
RT: 12.59 min Scan# 1804

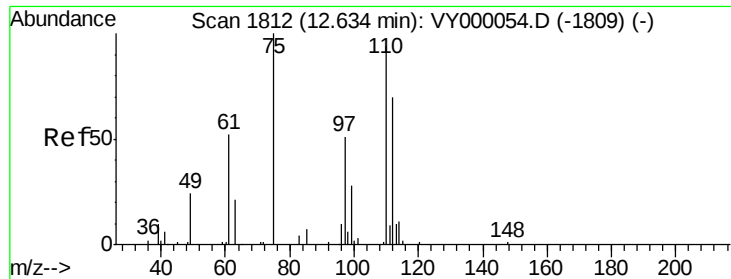
Delta R.T. 0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Tgt Ion:	83	Resp:	29390
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.9	14.7
85	62.5	32.5	97.4





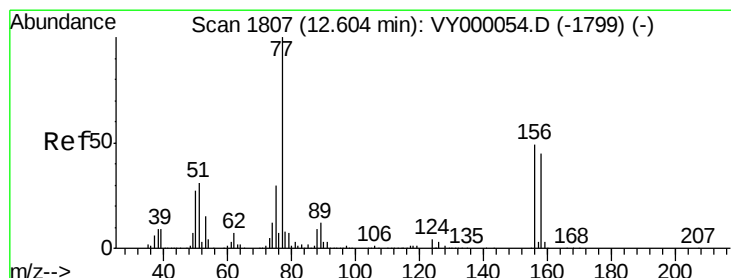
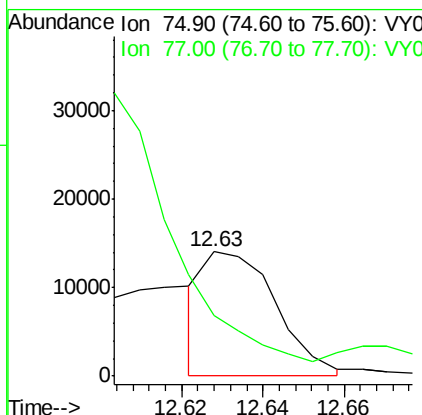
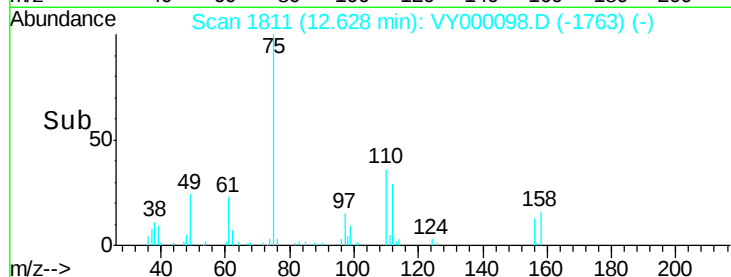
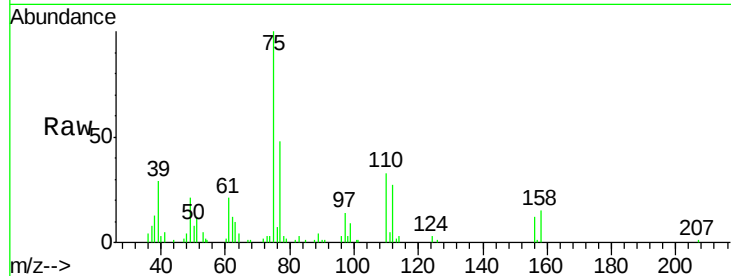
#76
 1,2,3-Trichloropropane
 Concen: 16.540 ug/l m
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

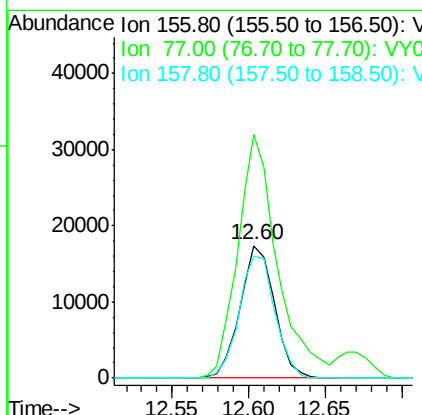
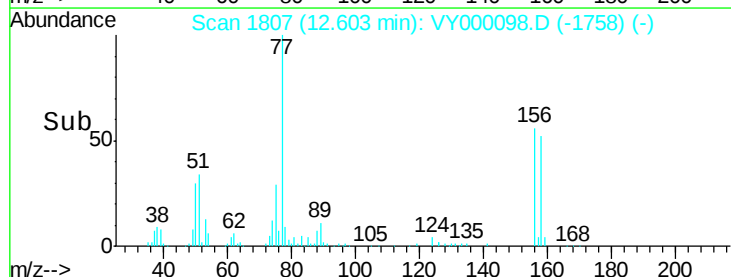
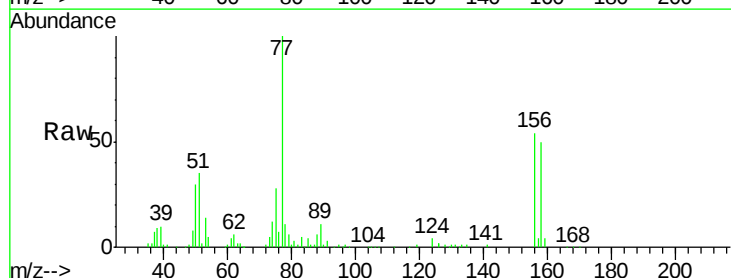
Manual Integrations
 APPROVED

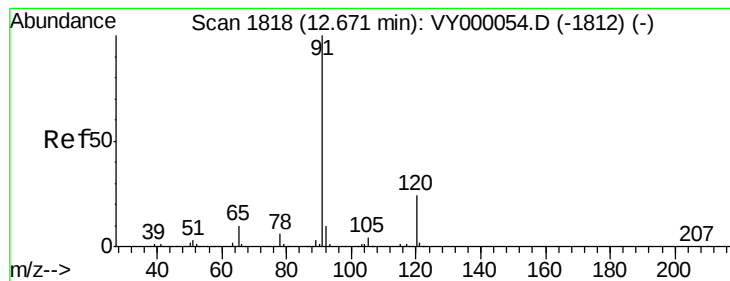
MMDadoda
 9/24/2019 5:32:24 AM



#77
 Bromobenzene
 Concen: 21.640 ug/l
 RT: 12.60 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
156	100		
77	211.5	109.7	329.0
158	96.0	48.0	144.2





#78

n-propylbenzene

Concen: 21.512 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tot Ion: 91 Resp: 157363

Ion Ratio Lower Upper

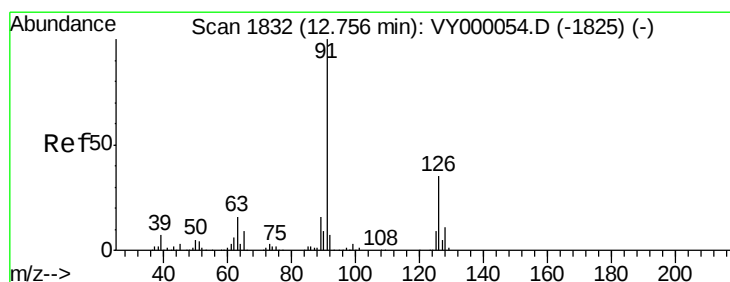
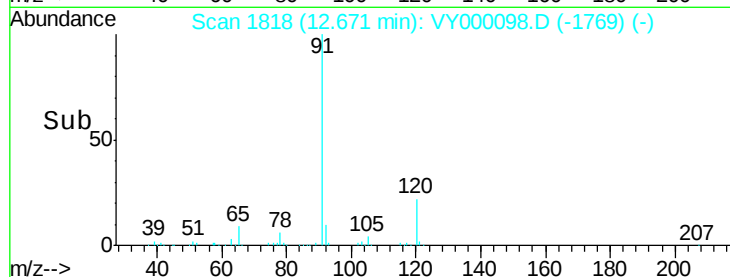
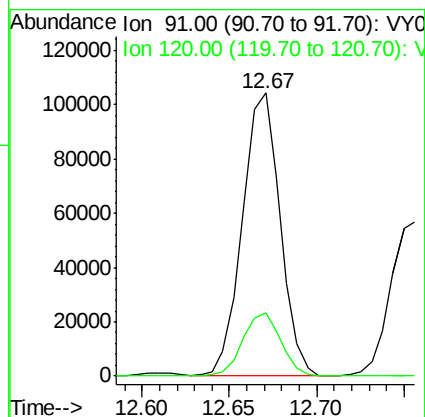
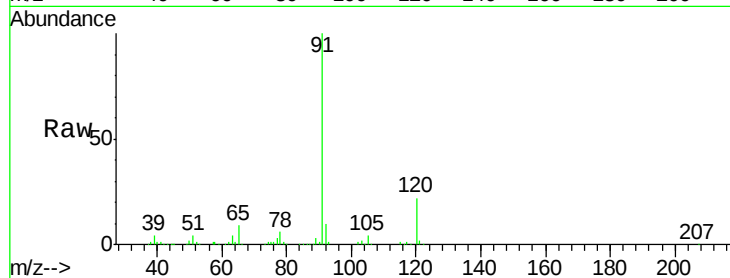
91 100

120 22.3 11.5 34.5

Manual Integrations
APPROVED

MMDadoda

9/24/2019 5:32:24 AM



#79

2-Chlorotoluene

Concen: 21.493 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VY000098.D

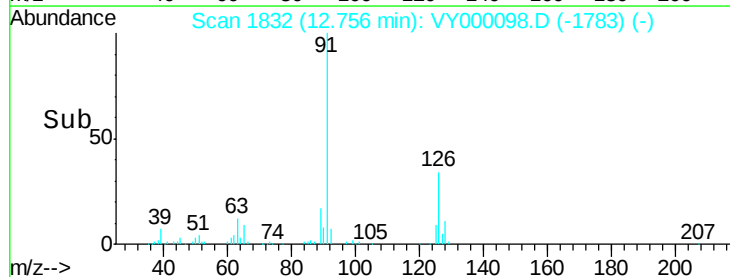
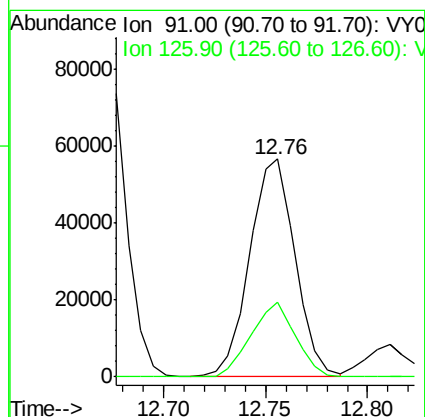
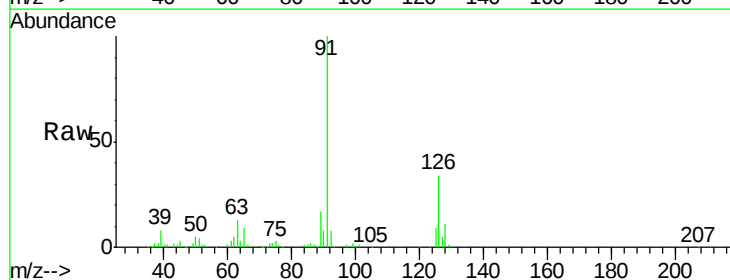
Acq: 20 Sep 2019 11:20

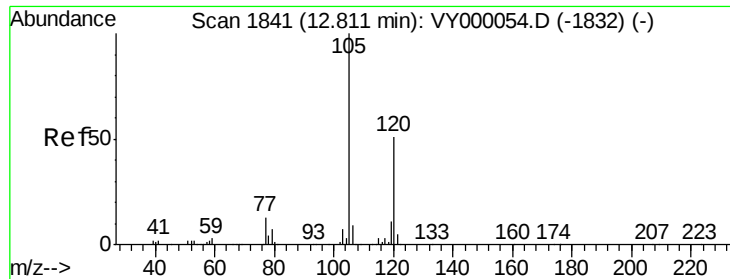
Tgt Ion: 91 Resp: 87897

Ion Ratio Lower Upper

91 100

126 33.6 17.2 51.5





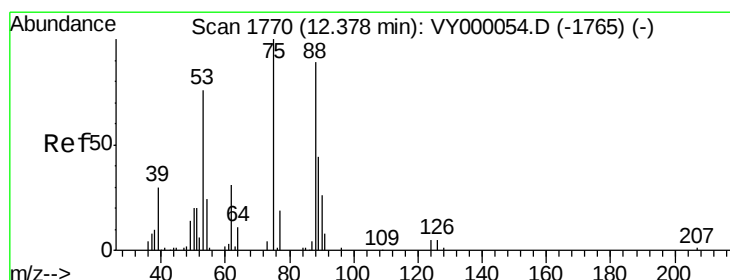
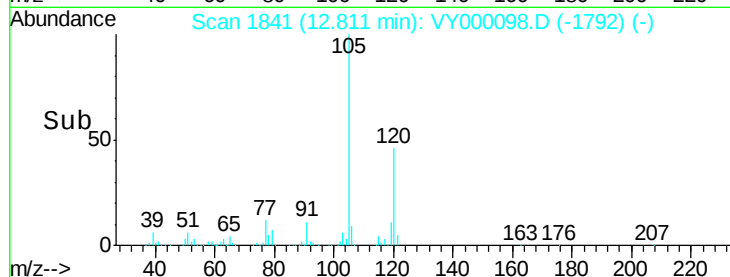
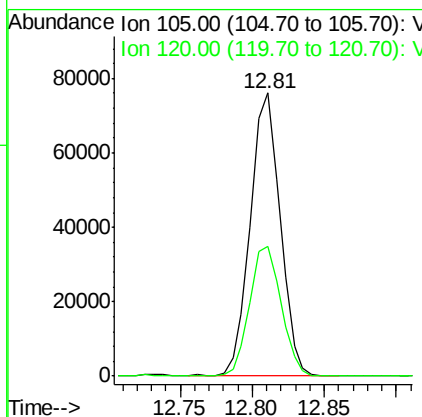
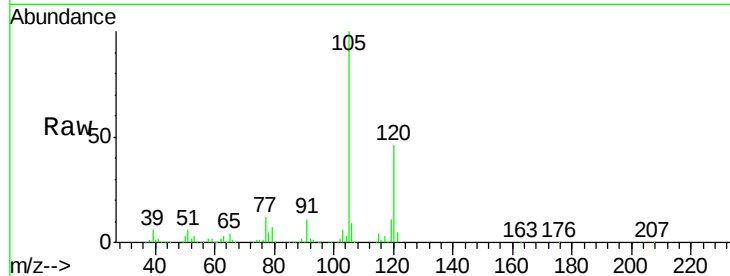
#80
 1,3,5-Trimethylbenzene
 Concen: 21.982 ug/l
 RT: 12.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.9	74.6

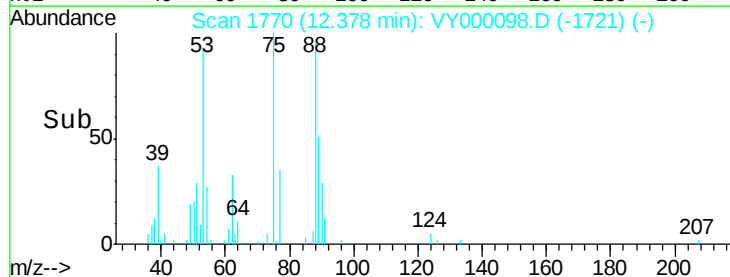
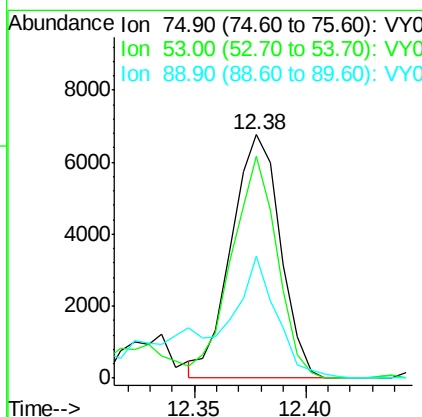
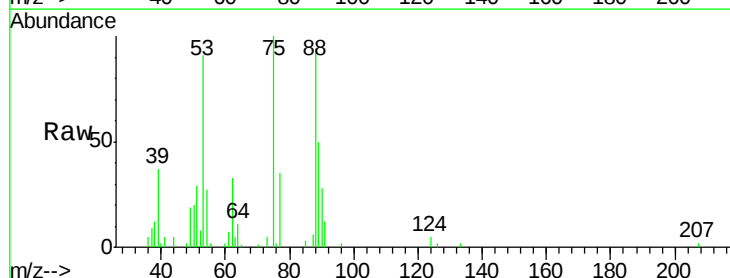
Manual Integrations
 APPROVED

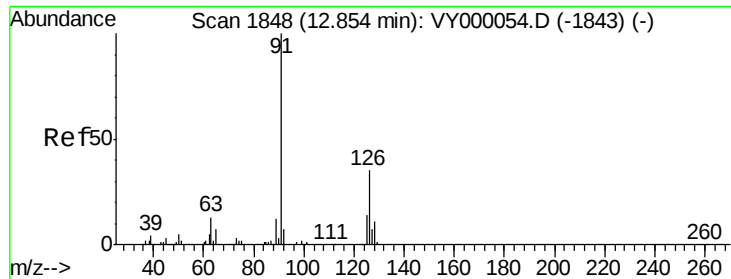
MMDadoda
 9/24/2019 5:32:24 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.029 ug/l
 RT: 12.38 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.8	60.9	91.3
89	44.7	35.3	52.9





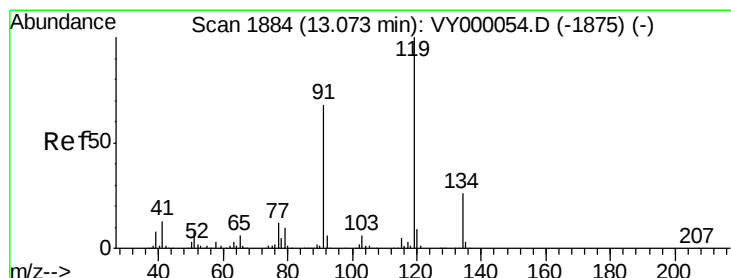
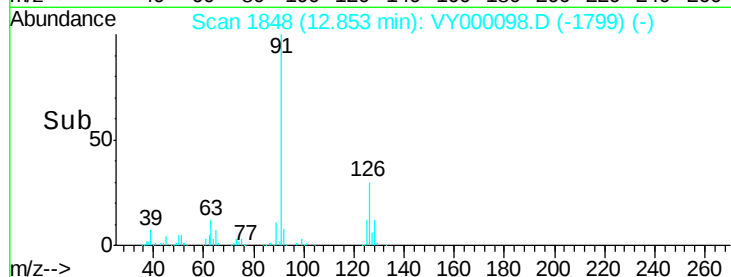
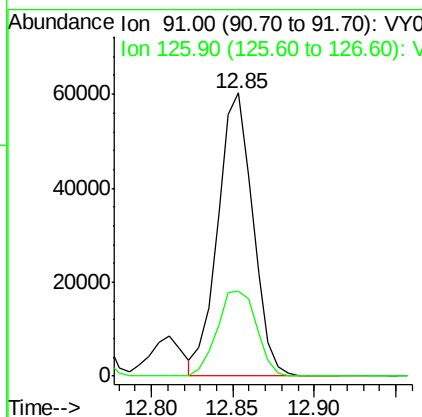
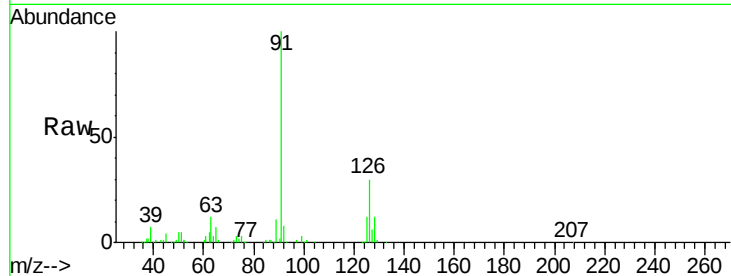
#82
4-Chlorotoluene
Concen: 21.281 ug/l
RT: 12.85 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.7	50.1

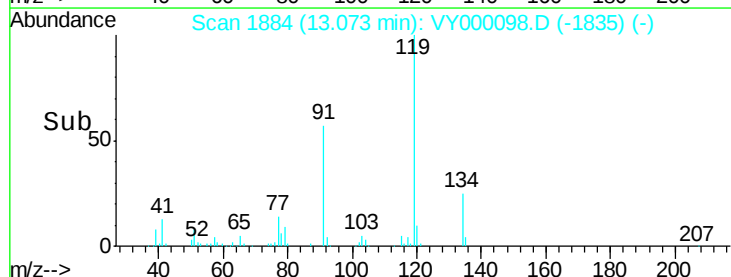
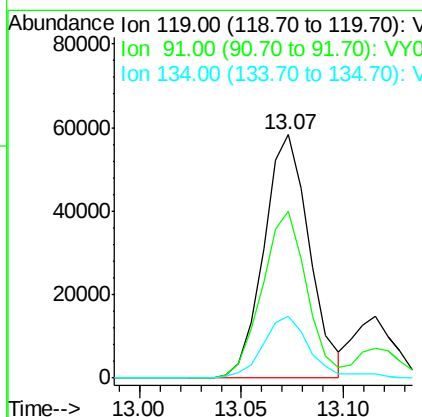
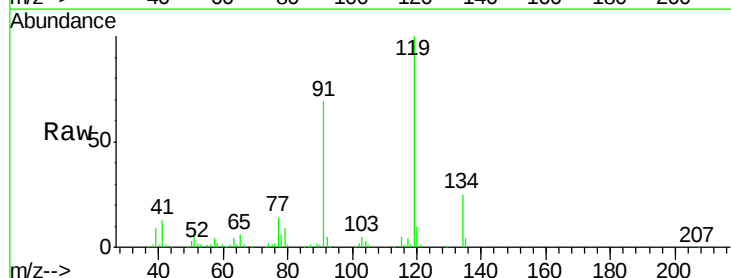
Manual Integrations
APPROVED

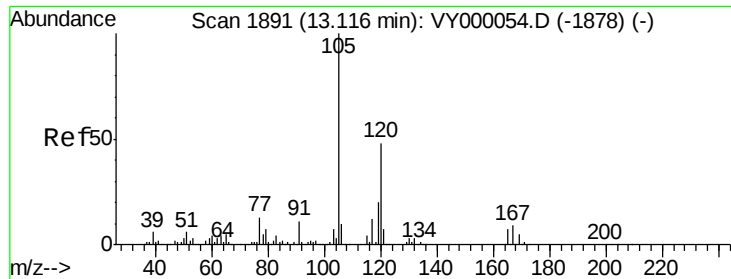
MMDadoda
9/24/2019 5:32:24 AM



#83
tert-Butylbenzene
Concen: 21.297 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.9	33.4	100.1
134	26.4	12.7	38.0





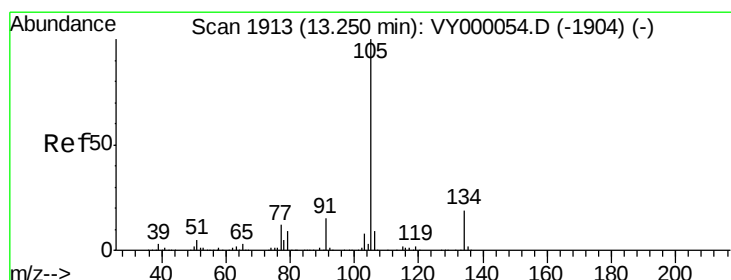
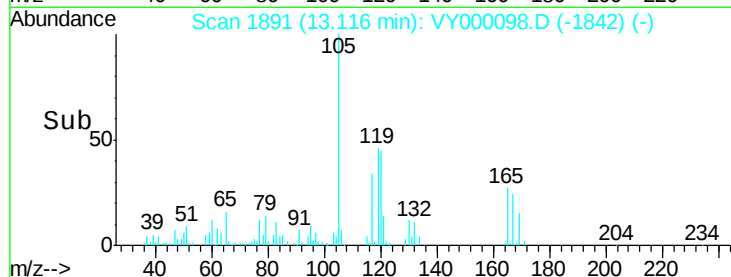
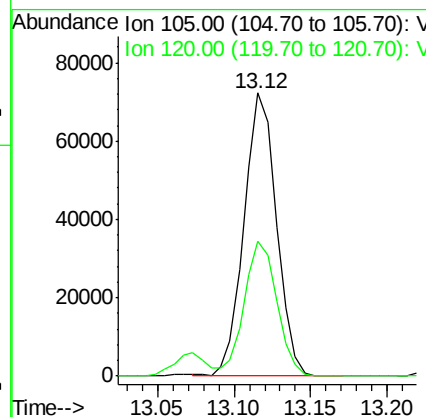
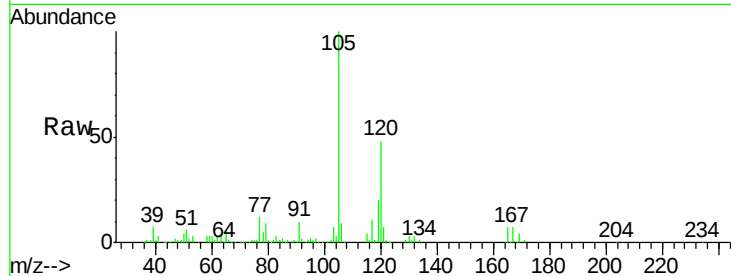
#84
 1,2,4-Trimethylbenzene
 Concen: 21.753 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.9	68.7

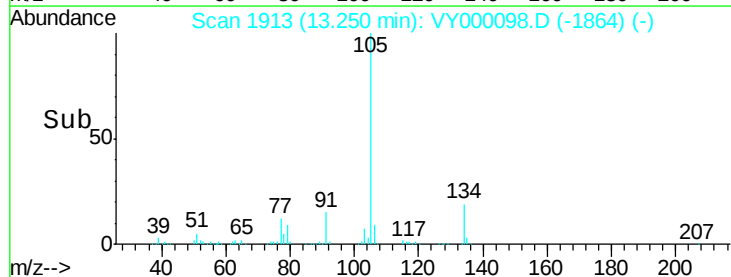
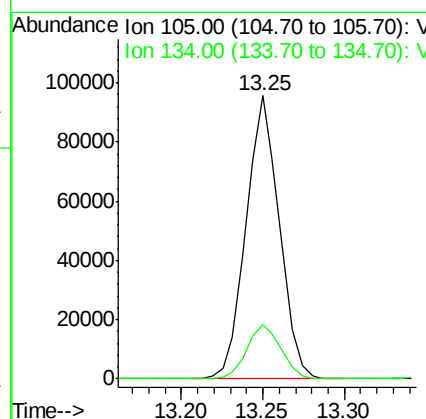
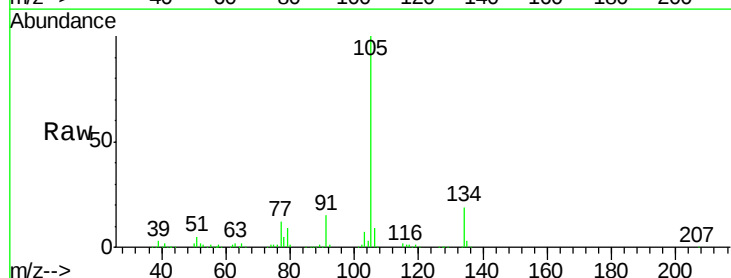
Manual Integrations
 APPROVED

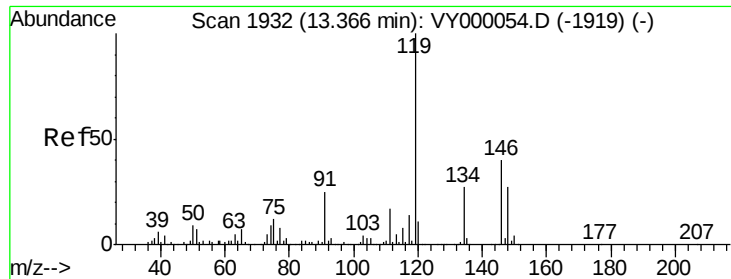
MMDadoda
 9/24/2019 5:32:24 AM



#85
 sec-Butylbenzene
 Concen: 21.584 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4





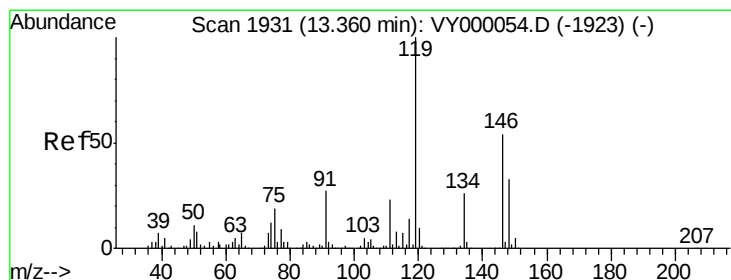
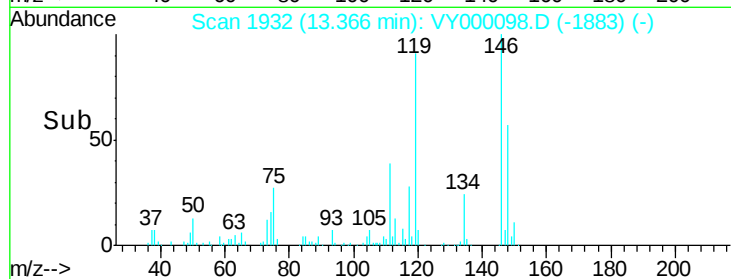
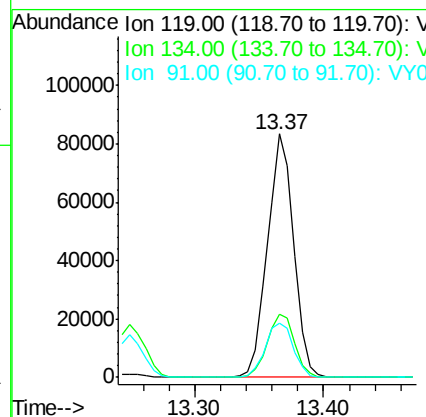
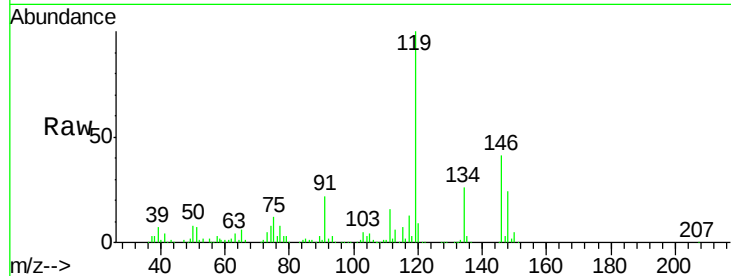
#86
p-Isopropyltoluene
Concen: 22.035 ug/l
RT: 13.37 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	117281		
134	27.0		13.4	40.2
91	23.9		12.4	37.4

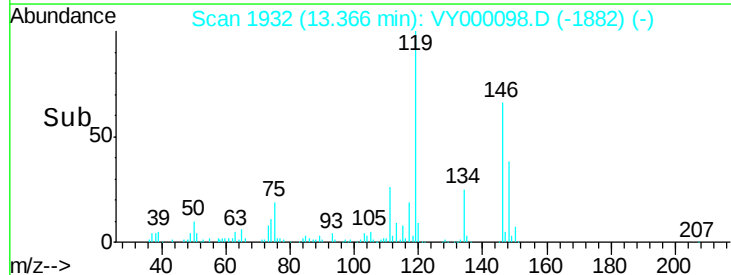
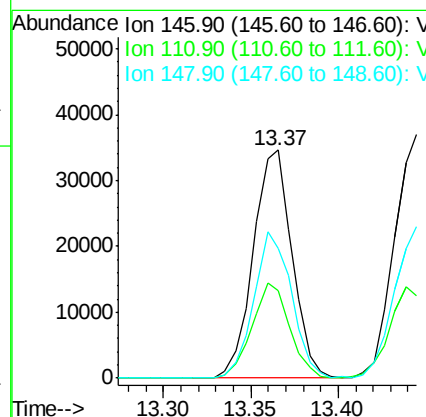
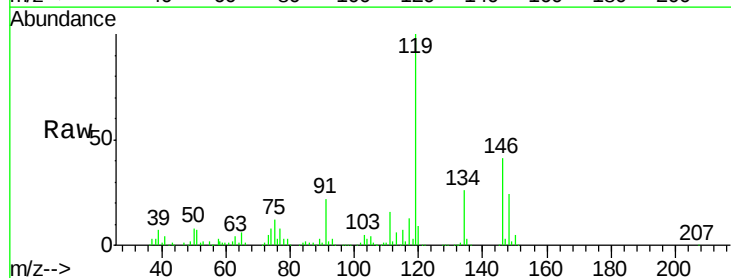
Manual Integrations
APPROVED

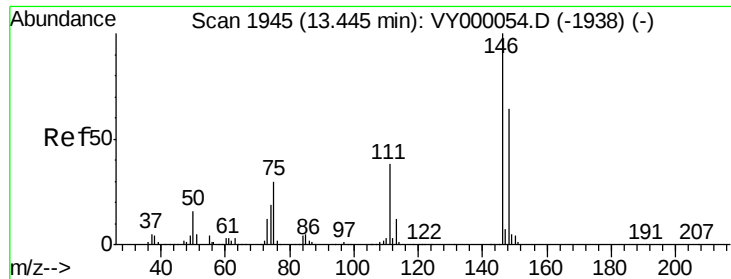
MMDadoda
9/24/2019 5:32:24 AM



#87
1,3-Dichlorobenzene
Concen: 21.559 ug/l
RT: 13.37 min Scan# 1932
Delta R.T. 0.01 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	53553		
111	40.6		21.1	63.1
148	62.9		31.8	95.3





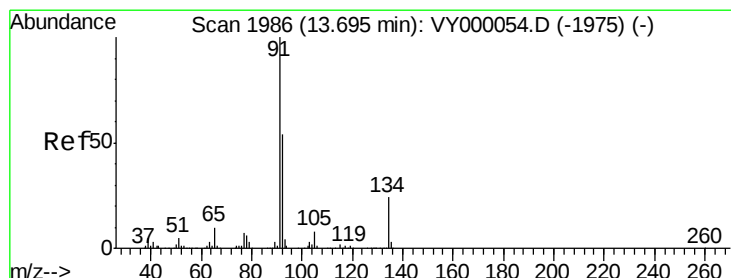
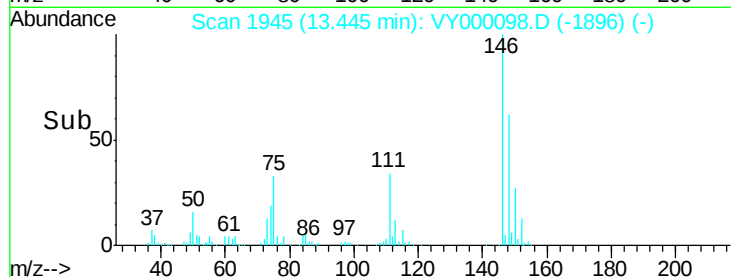
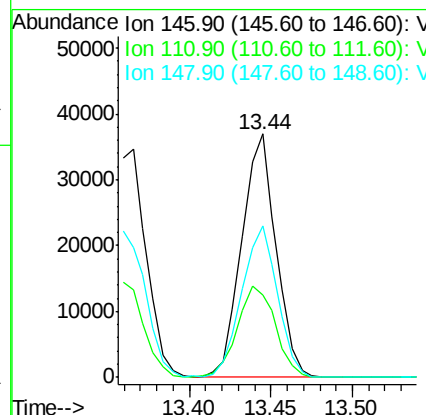
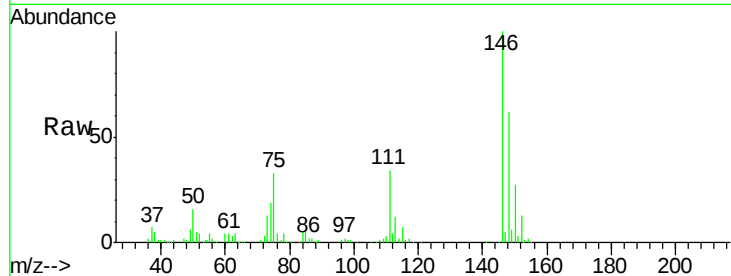
#88
 1,4-Dichlorobenzene
 Concen: 21.738 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.4
148	64.6	31.5	94.5

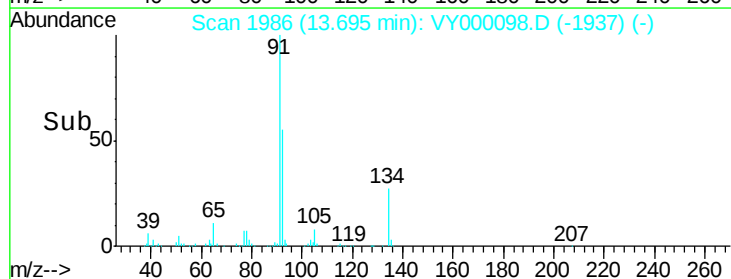
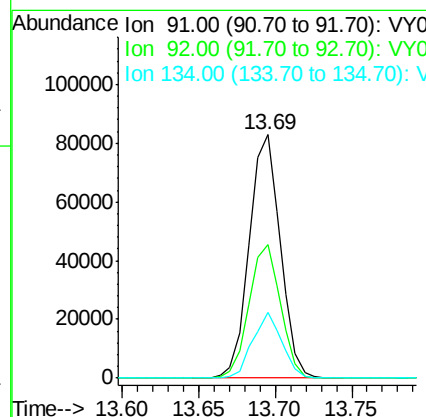
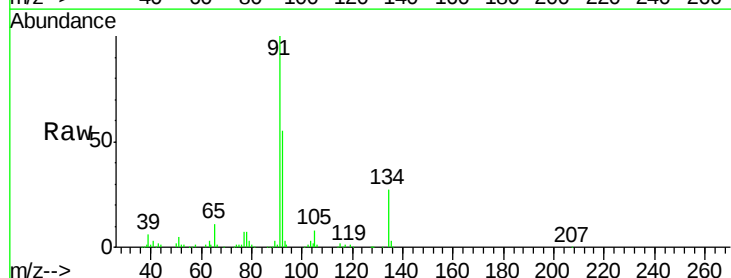
Manual Integrations
 APPROVED

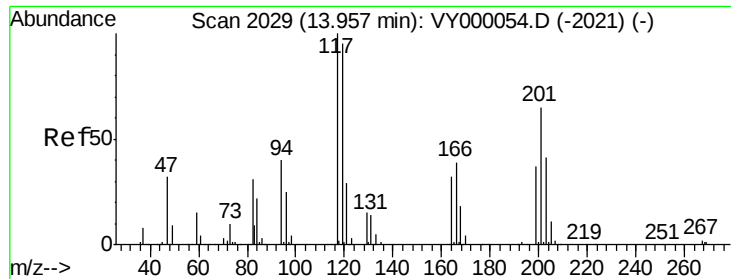
MMDadoda
 9/24/2019 5:32:24 AM



#89
 n-Butylbenzene
 Concen: 21.319 ug/l
 RT: 13.69 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.2	81.5
134	25.4	12.2	36.6





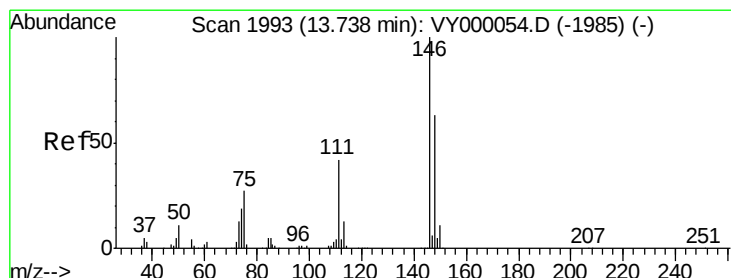
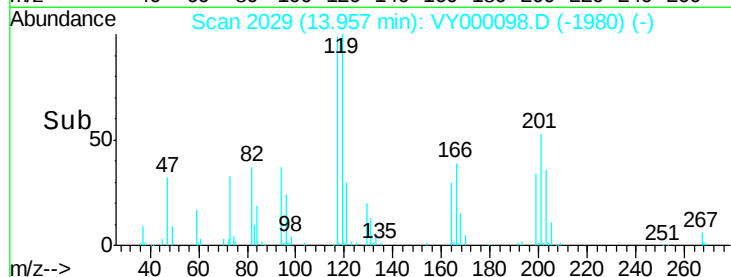
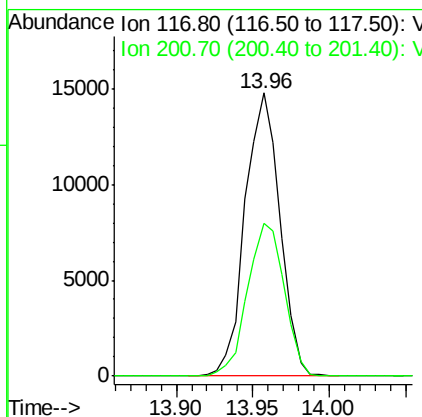
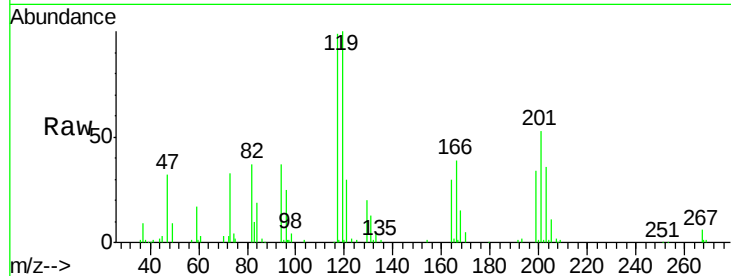
#90
Hexachloroethane
Concen: 22.359 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion:117 Resp: 23386
Ion Ratio Lower Upper
117 100
201 56.8 30.6 92.0

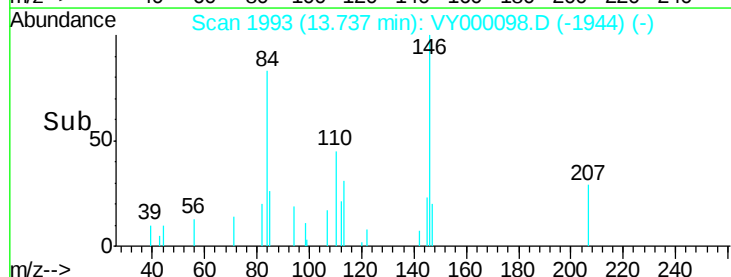
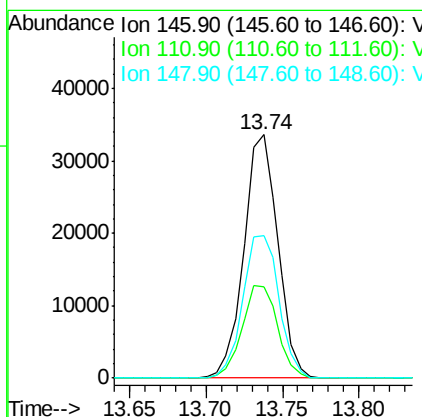
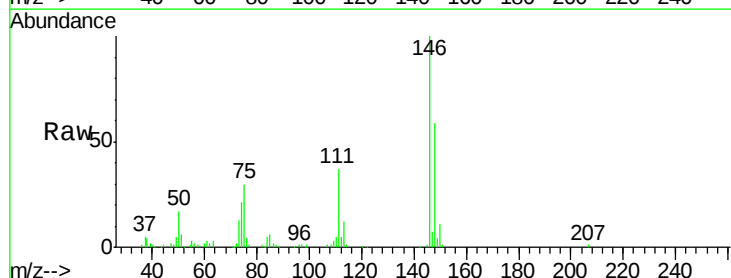
Manual Integrations
APPROVED

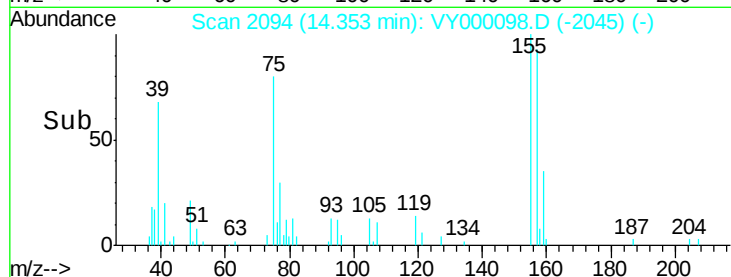
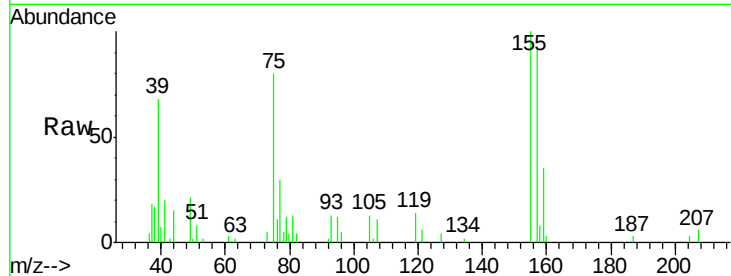
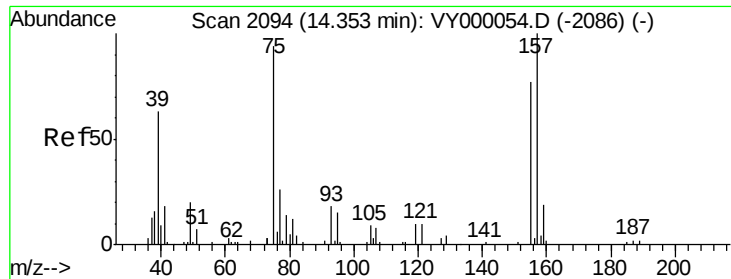
MMDadoda
9/24/2019 5:32:24 AM



#91
1,2-Dichlorobenzene
Concen: 22.239 ug/l
RT: 13.74 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion:146 Resp: 51900
Ion Ratio Lower Upper
146 100
111 39.7 21.9 65.7
148 62.7 32.4 97.2





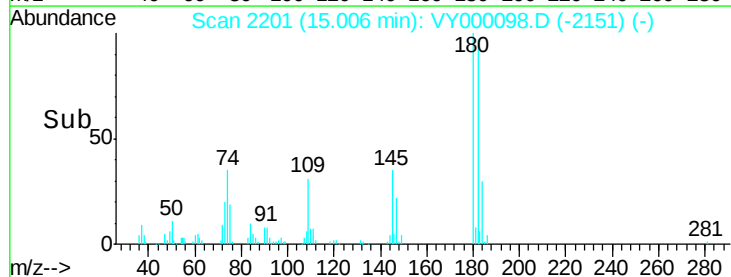
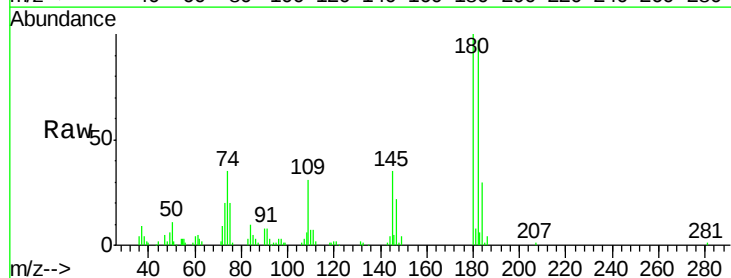
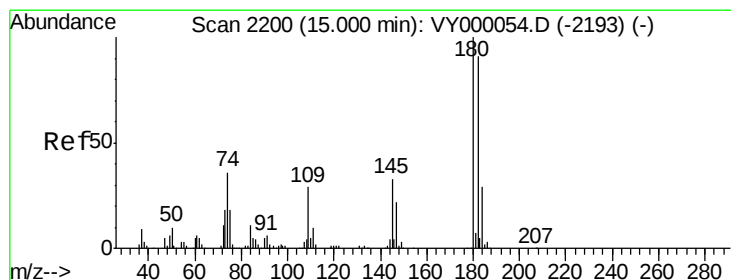
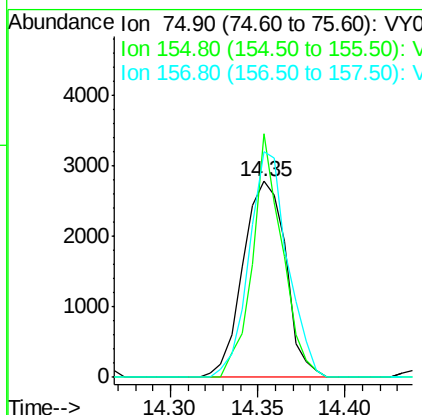
#92
1,2-Dibromo-3-Chloropropane
Concen: 18.859 ug/l
RT: 14.35 min Scan# 2094
Delta R.T. -0.00 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
155	86.2	40.6	121.7
157	103.7	52.9	158.8

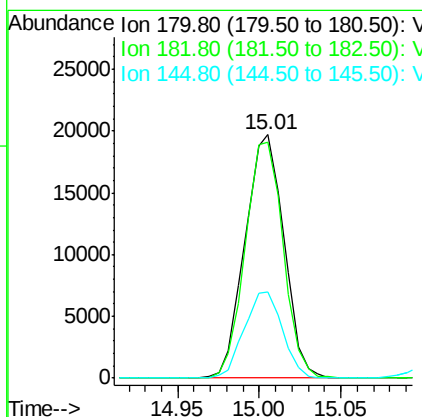
Manual Integrations
APPROVED

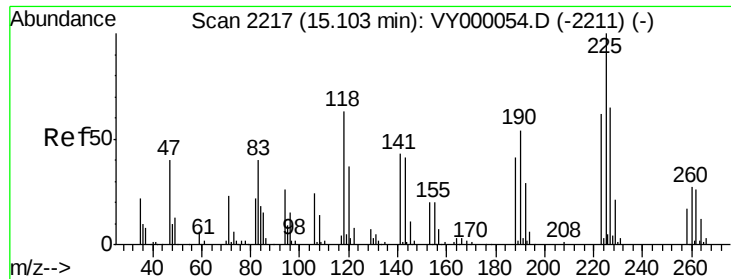
MMDadoda
9/24/2019 5:32:24 AM



#93
1,2,4-Trichlorobenzene
Concen: 23.211 ug/l
RT: 15.01 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VY000098.D
Acq: 20 Sep 2019 11:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.6
145	34.6	17.2	51.6





#94

Hexachlorobutadiene

Concen: 23.000 ug/l

RT: 15.11 min Scan# 2218

Delta R.T. 0.01 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Instrument :

MSVOA_Y

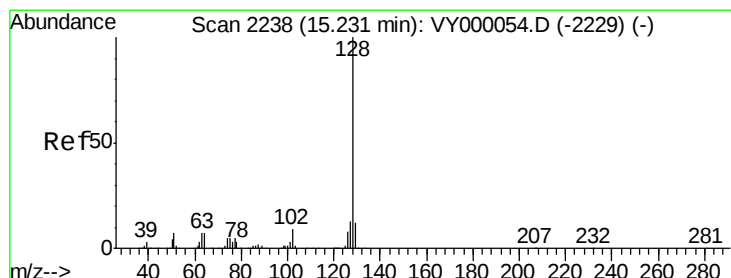
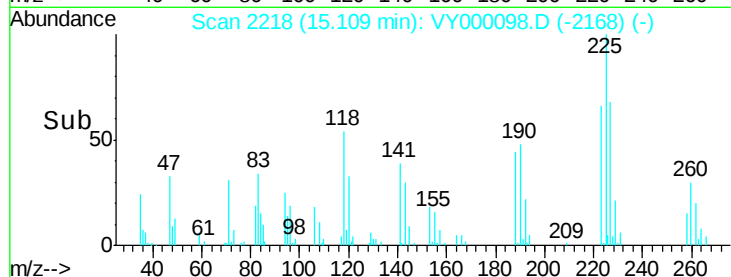
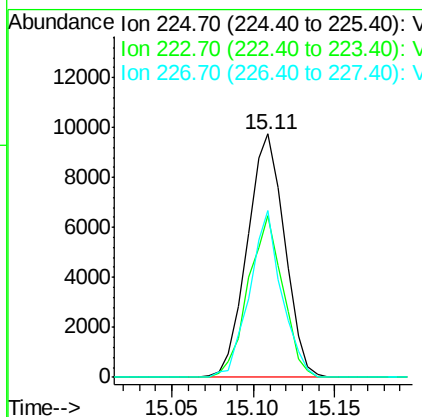
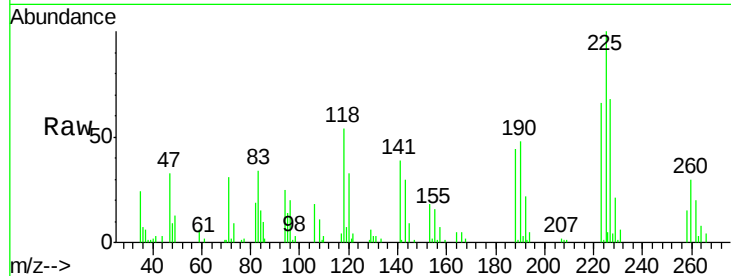
ClientSampleId :

VY0920SBS01

Tot Ion:	225	Resp:	15551
Ion Ratio		Lower	Upper
225	100		
223	61.3	31.9	95.5
227	59.1	30.6	91.6

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:24 AM



#95

Naphthalene

Concen: 19.884 ug/l

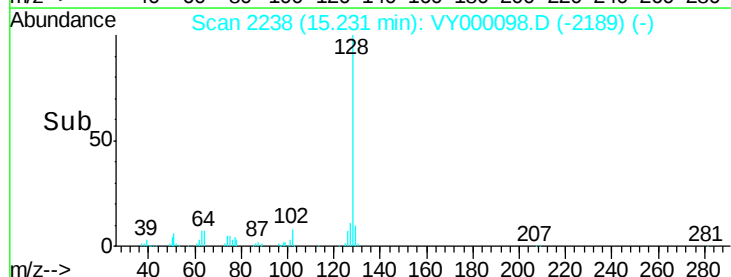
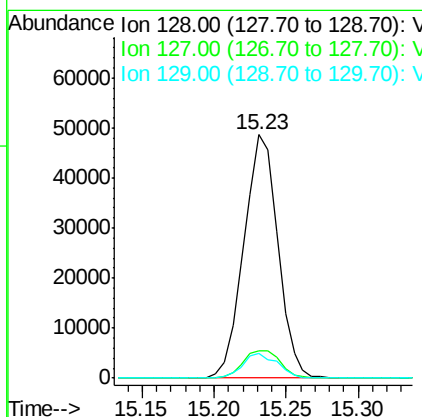
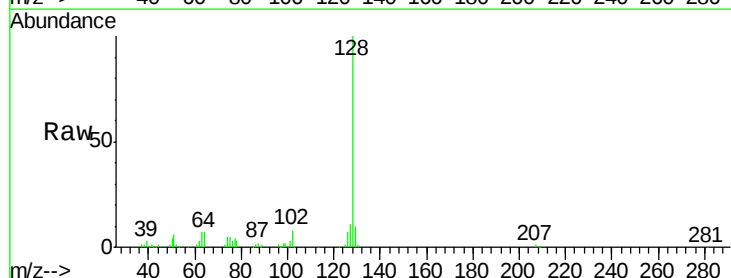
RT: 15.23 min Scan# 2238

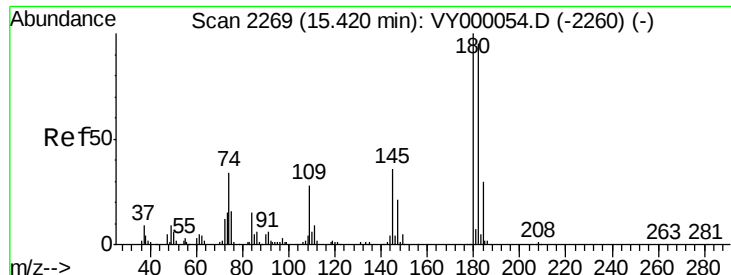
Delta R.T. -0.00 min

Lab File: VY000098.D

Acq: 20 Sep 2019 11:20

Tgt Ion:	128	Resp:	79491
Ion Ratio		Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.4	9.2	13.8





#96
 1,2,3-Trichlorobenzene
 Concen: 21.945 ug/l
 RT: 15.42 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: VY000098.D
 Acq: 20 Sep 2019 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tot Ion:	180	Resp:	29493
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.5	142.5
145	36.5	17.4	52.2

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:32:24 AM

