

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002813.D
 Acq On : 02 Jun 2020 11:37
 Operator : SY/MD
 Sample : VY0602SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:31:34 AM

Quant Time: Jun 03 05:29:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	351657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	516009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	475777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	138541	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	7.72	113	146299	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.18	98	575931	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.48	95	198894	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	48776	20.158	ug/l	100
3) Chloromethane	2.12	50	54721	20.446	ug/l	98
4) Vinyl Chloride	2.26	62	58885	20.816	ug/l	100
5) Bromomethane	2.65	94	41905	19.767	ug/l	99
6) Chloroethane	2.80	64	36656	19.989	ug/l	97
7) Trichlorofluoromethane	3.13	101	98359	19.632	ug/l	100
8) Diethyl Ether	3.54	74	34854	17.816	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	60118	20.209	ug/l	98
10) Methyl Iodide	4.10	142	77941	18.725	ug/l	98
11) Tert butyl alcohol	4.97	59	34162	96.243	ug/l	99
12) 1,1-Dichloroethene	3.88	96	58845	19.670	ug/l	95
13) Acrolein	3.74	56	33914	94.780	ug/l	98
14) Allyl chloride	4.48	41	86881	20.249	ug/l	99
15) Acrylonitrile	5.18	53	86517	98.028	ug/l	99
16) Acetone	3.96	43	68075	95.080	ug/l	97
17) Carbon Disulfide	4.20	76	174714	19.326	ug/l	98
18) Methyl Acetate	4.48	43	39917	21.670	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	160159	19.392	ug/l	100
20) Methylene Chloride	4.72	84	69247	19.791	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	65827	19.566	ug/l	99
22) Diisopropyl ether	6.13	45	178777	20.051	ug/l	96
23) Vinyl Acetate	6.07	43	581855	98.842	ug/l	98
24) 1,1-Dichloroethane	6.03	63	103544	19.852	ug/l	99
25) 2-Butanone	6.99	43	107516	96.385	ug/l	96
26) 2,2-Dichloropropane	6.99	77	95932	19.178	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	73047	19.395	ug/l	100
28) Bromochloromethane	7.34	49	44813	20.929	ug/l	99
29) Tetrahydrofuran	7.36	42	72089	99.353	ug/l	98
30) Chloroform	7.52	83	108954	19.686	ug/l	96
31) Cyclohexane	7.79	56	100490	19.405	ug/l #	93
32) 1,1,1-Trichloroethane	7.71	97	99034	19.202	ug/l	100
36) 1,1-Dichloropropene	7.92	75	84893	19.530	ug/l	99
37) Ethyl Acetate	7.08	43	46359	19.603	ug/l	96
38) Carbon Tetrachloride	7.90	117	92135	19.080	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002813.D
 Acq On : 02 Jun 2020 11:37
 Operator : SY/MD
 Sample : VY0602SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:31:34 AM

Quant Time: Jun 03 05:29:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	112009	19.550	ug/l	99
40) Benzene	8.16	78	250896	19.535	ug/l	97
41) Methacrylonitrile	7.33	41	24178m	19.030	ug/l	
42) 1,2-Dichloroethane	8.24	62	69536	19.318	ug/l	99
43) Isopropyl Acetate	8.28	43	88436	19.733	ug/l	99
44) Trichloroethene	8.94	130	78572	19.367	ug/l	99
45) 1,2-Dichloropropane	9.22	63	60445	19.625	ug/l	99
46) Dibromomethane	9.31	93	35372	19.337	ug/l	99
47) Bromodichloromethane	9.50	83	84771	19.658	ug/l	99
48) Methyl methacrylate	9.30	41	39906	19.725	ug/l	97
49) 1,4-Dioxane	9.30	88	10780	383.809	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	232958	98.165	ug/l	100
52) Toluene	10.24	92	163881	19.505	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	91971	19.526	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	103955	19.478	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	54591	19.494	ug/l	99
56) Ethyl methacrylate	10.51	69	73047	19.474	ug/l	100
57) 1,3-Dichloropropane	10.79	76	90783	19.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	182210	99.415	ug/l	100
59) 2-Hexanone	10.83	43	165808	98.473	ug/l	99
60) Dibromochloromethane	10.99	129	68611	19.325	ug/l	100
61) 1,2-Dibromoethane	11.09	107	53348	19.311	ug/l	97
64) Tetrachloroethene	10.72	164	81214	18.782	ug/l	97
65) Chlorobenzene	11.52	112	183649	19.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	68425	19.320	ug/l	98
67) Ethyl Benzene	11.60	91	318614	19.544	ug/l	100
68) m/p-Xylenes	11.70	106	246254	38.959	ug/l	100
69) o-Xylene	12.03	106	116745	19.565	ug/l	99
70) Styrene	12.05	104	199985	19.333	ug/l	99
71) Bromoform	12.21	173	46815	19.755	ug/l #	100
73) Isopropylbenzene	12.33	105	318718	19.543	ug/l	100
74) N-amyl acetate	12.14	43	83237	19.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	58408	20.412	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	46764m	20.393	ug/l	
77) Bromobenzene	12.61	156	81320	19.149	ug/l	97
78) n-propylbenzene	12.67	91	371339	19.712	ug/l	99
79) 2-Chlorotoluene	12.75	91	205039	19.403	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	266512	19.572	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23965	19.689	ug/l	98
82) 4-Chlorotoluene	12.86	91	217313	19.628	ug/l	100
83) tert-Butylbenzene	13.08	119	235512	19.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	267647	19.547	ug/l	100
85) sec-Butylbenzene	13.25	105	326083	19.634	ug/l	99
86) p-Isopropyltoluene	13.37	119	308751	19.979	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	157330	19.559	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	157927	19.626	ug/l	100
89) n-Butylbenzene	13.70	91	279109	19.893	ug/l	100
90) Hexachloroethane	13.96	117	57388	19.836	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	143052	19.609	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11026	20.028	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
Data File : VY002813.D
Acq On : 02 Jun 2020 11:37
Operator : SY/MD
Sample : VY0602SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM

Quant Time: Jun 03 05:29:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	107290	19.512	ug/l	100
94) Hexachlorobutadiene	15.11	225	61785	19.811	ug/l	100
95) Naphthalene	15.23	128	210916	19.131	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	94296	19.204	ug/l	99

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

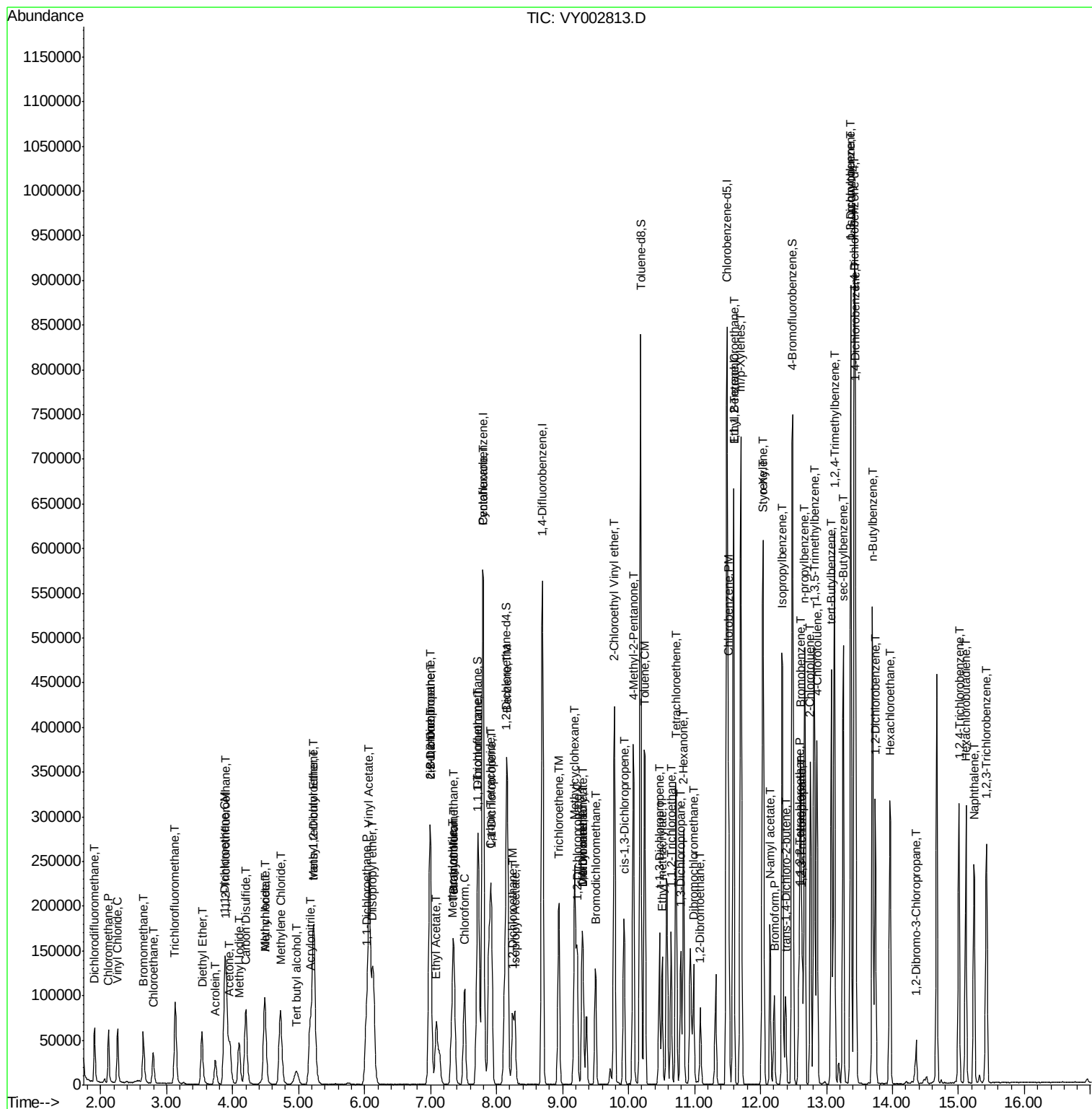
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
Data File : VY002813.D
Acq On : 02 Jun 2020 11:37
Operator : SY/MD
Sample : VY0602SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

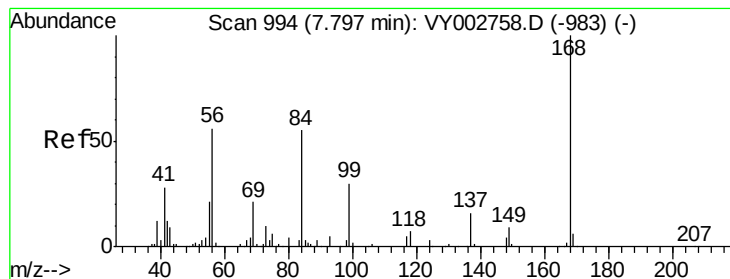
Instrument :
MSVOA_Y
Client Sample Id :
VY0602SBS01

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM

Quant Time: Jun 03 05:29:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion:168 Resp: 351657

Ion Ratio Lower Upper

168 100

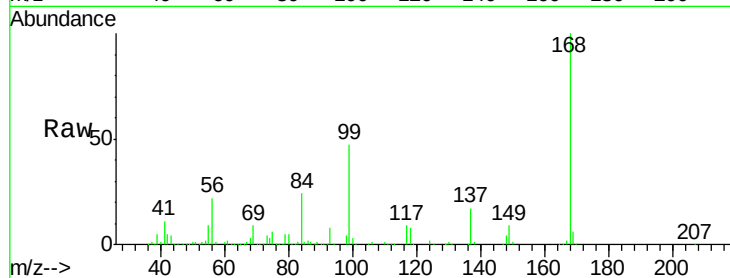
99 47.1 39.0 58.4

Manual Integrations

APPROVED

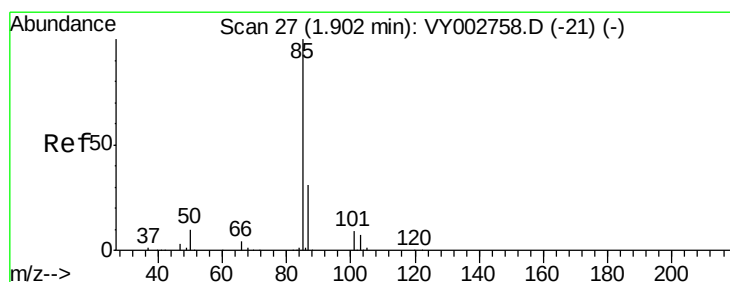
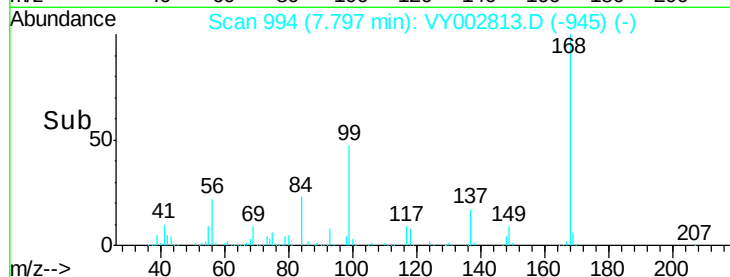
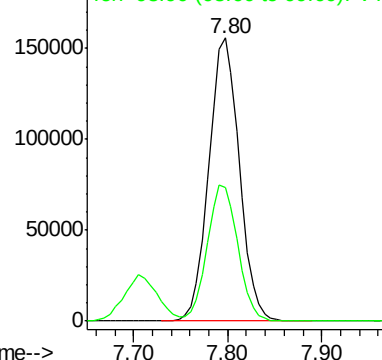
MMDadoda

6/3/2020 11:31:34 AM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 20.158 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002813.D

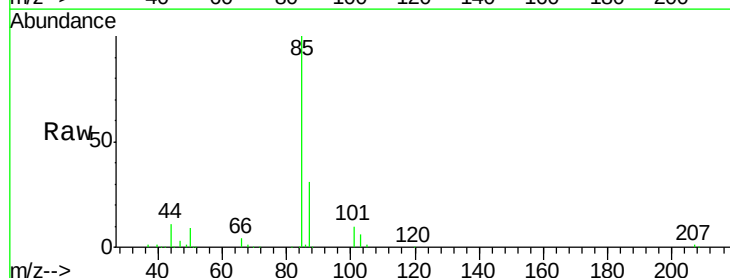
Acq: 02 Jun 2020 11:37

Tgt Ion: 85 Resp: 48776

Ion Ratio Lower Upper

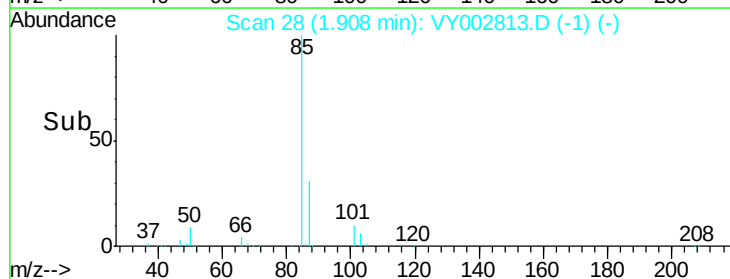
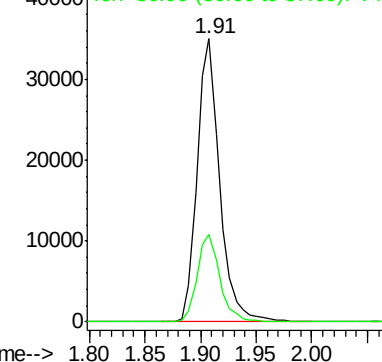
85 100

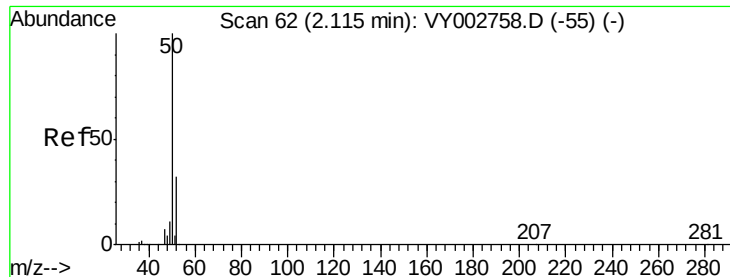
87 30.9 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 20.446 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion: 50 Resp: 54721

Ion Ratio Lower Upper

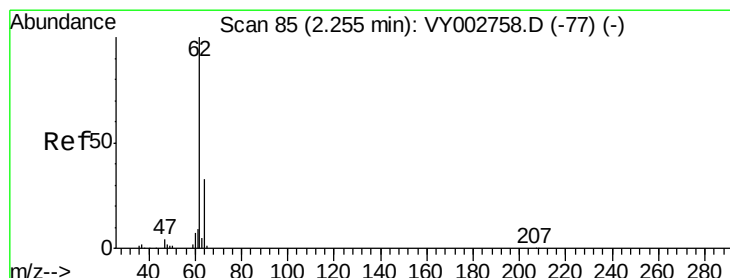
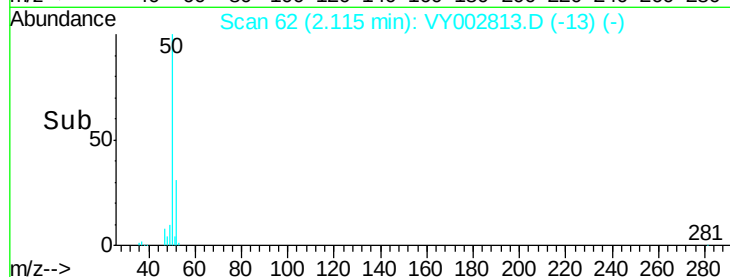
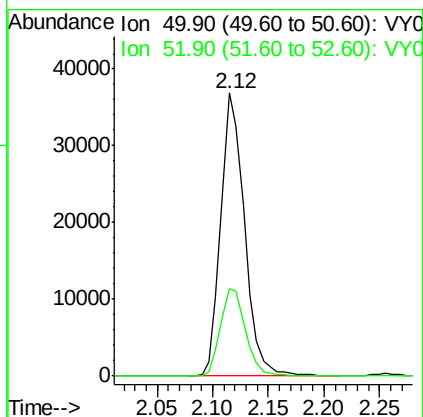
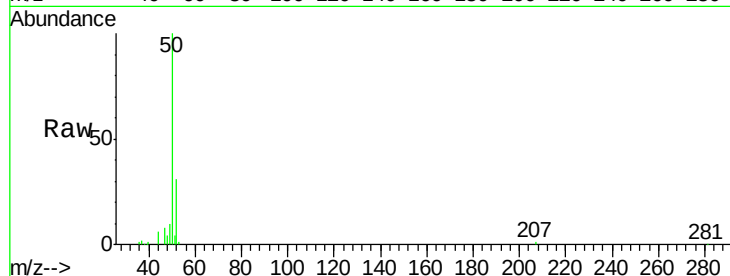
50 100

52 31.0 25.8 38.6

Manual Integrations
APPROVED

MMDadoda

6/3/2020 11:31:34 AM



#4

Vinyl Chloride

Concen: 20.816 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002813.D

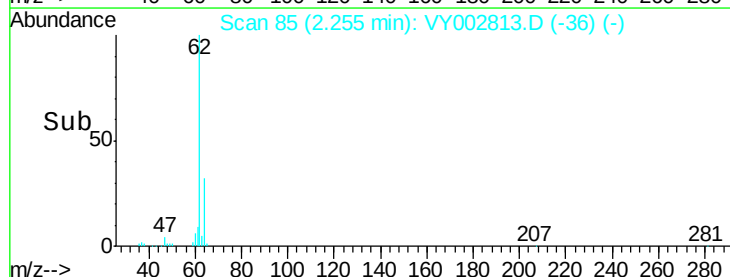
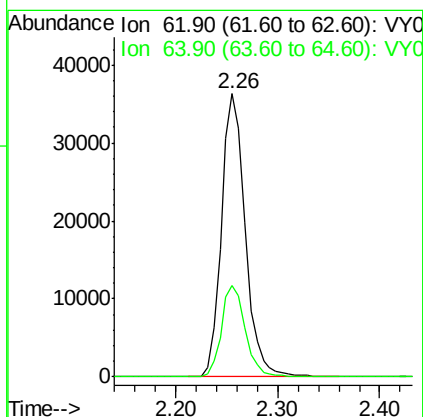
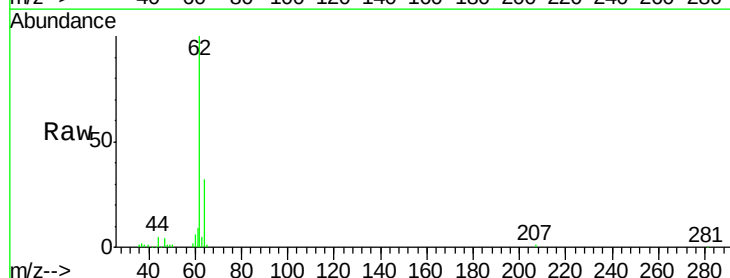
Acq: 02 Jun 2020 11:37

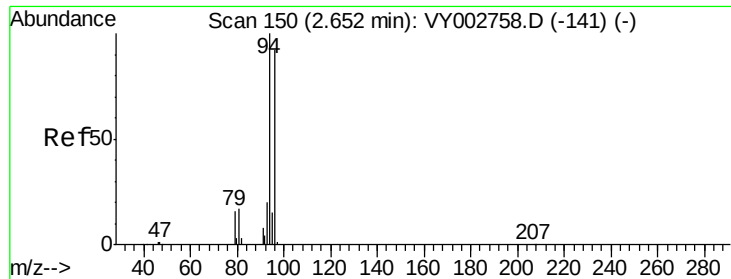
Tgt Ion: 62 Resp: 58885

Ion Ratio Lower Upper

62 100

64 32.4 26.1 39.1





#5

Bromomethane

Concen: 19.767 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion: 94 Resp: 41905

Ion Ratio Lower Upper

94 100

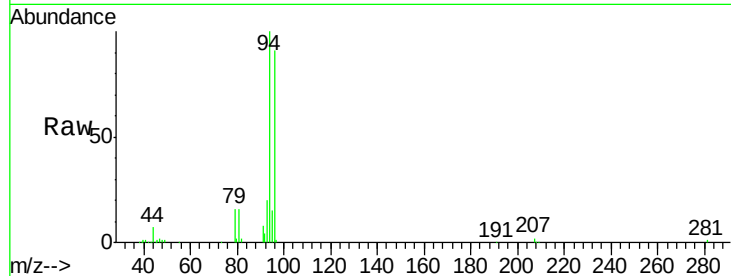
96 90.8 73.7 110.5

Manual Integrations

APPROVED

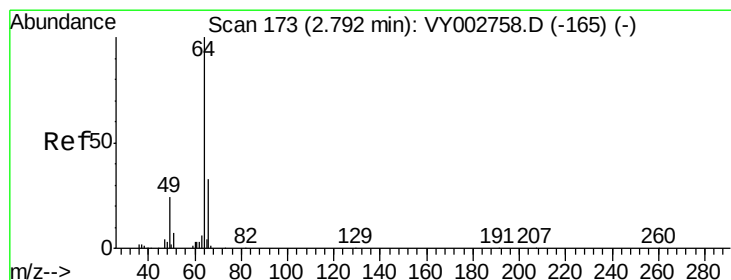
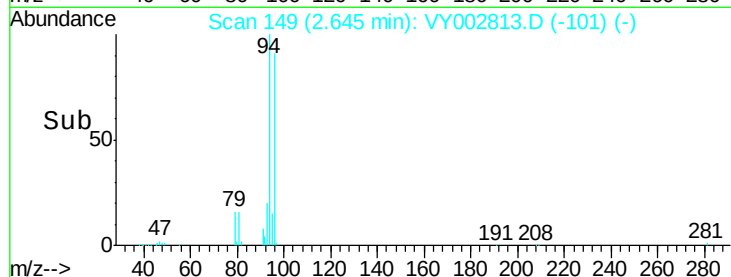
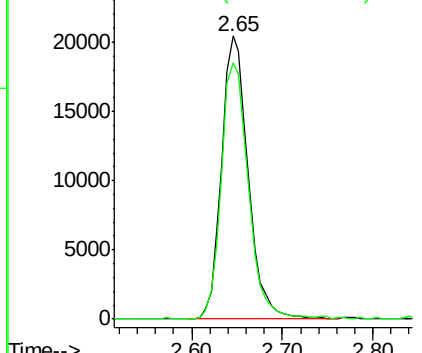
MMDadoda

6/3/2020 11:31:34 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.989 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002813.D

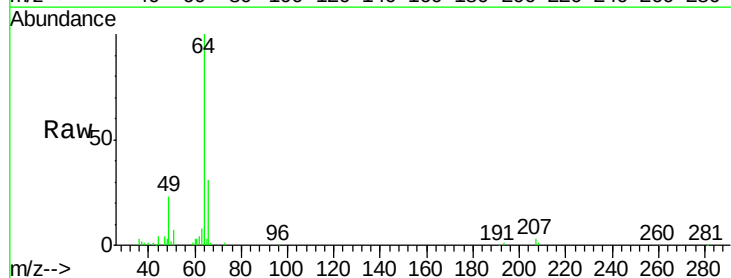
Acq: 02 Jun 2020 11:37

Tgt Ion: 64 Resp: 36656

Ion Ratio Lower Upper

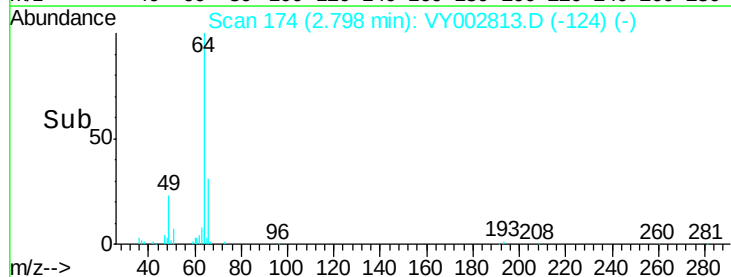
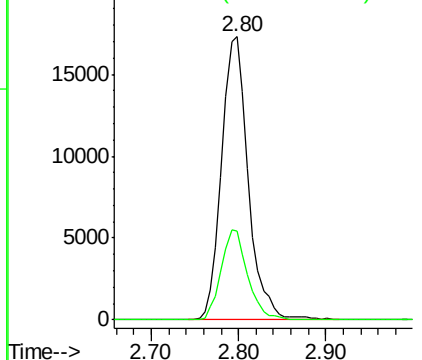
64 100

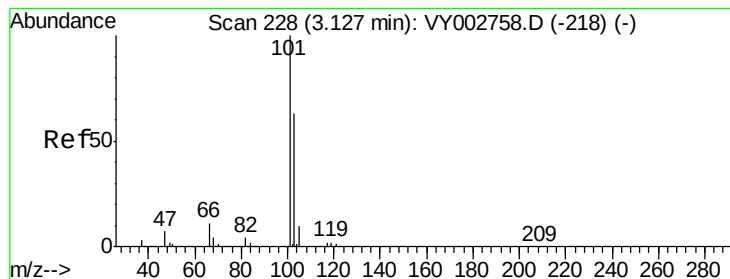
66 31.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

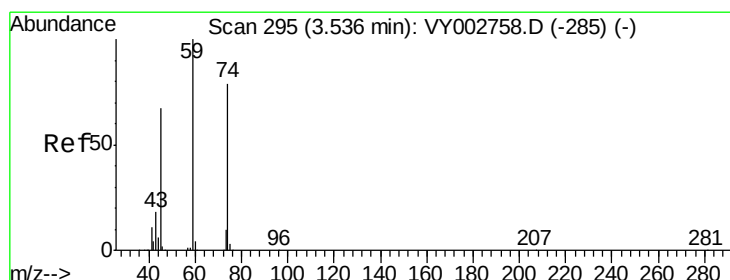
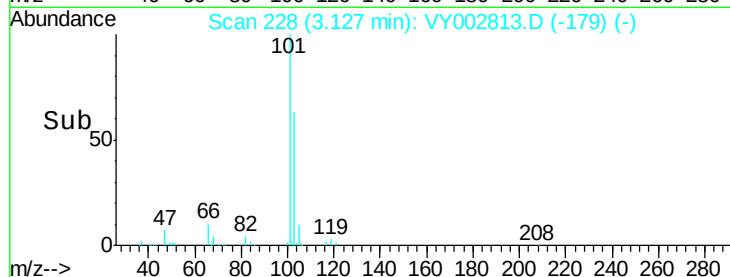
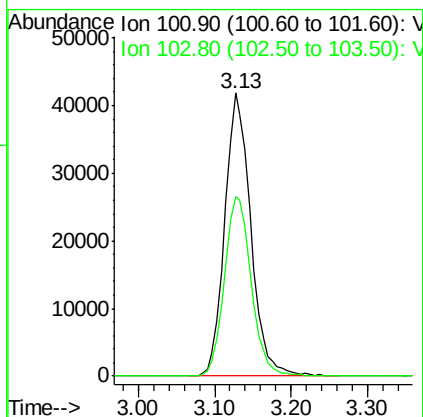
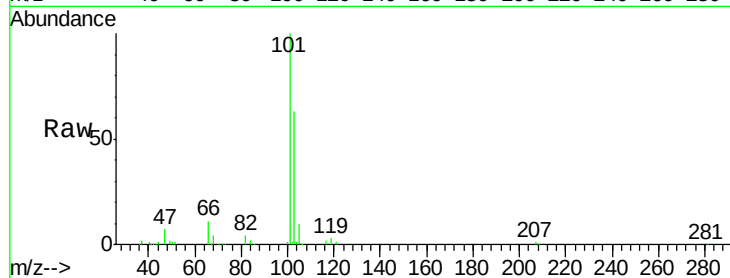
Trichlorofluoromethane
 Concen: 19.632 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.6	76.0

Manual Integrations
 APPROVED

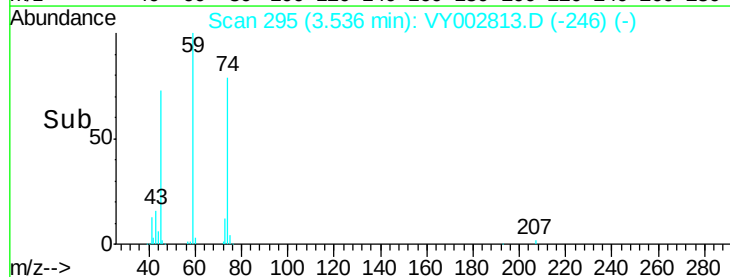
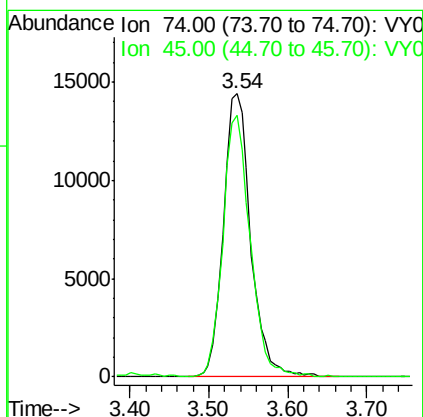
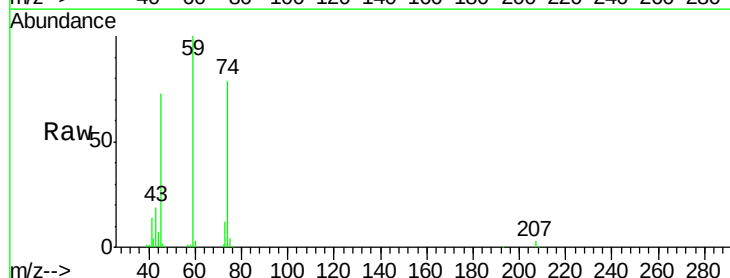
MMDadoda
 6/3/2020 11:31:34 AM

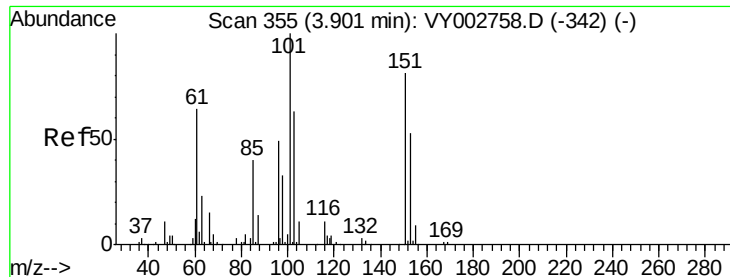


#8

Diethyl Ether
 Concen: 17.816 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.5	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.209 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

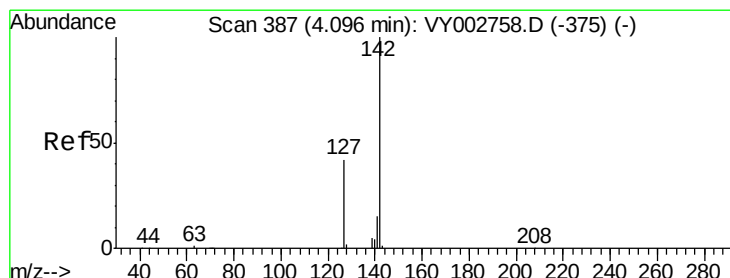
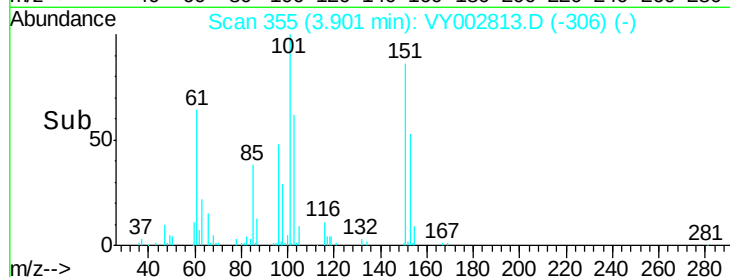
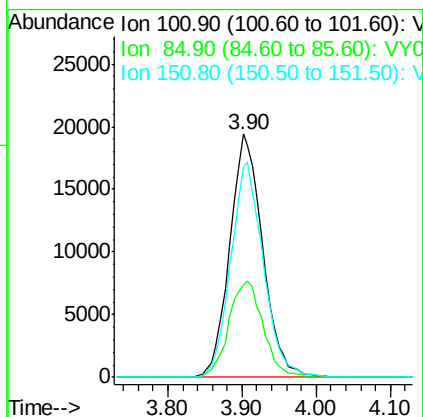
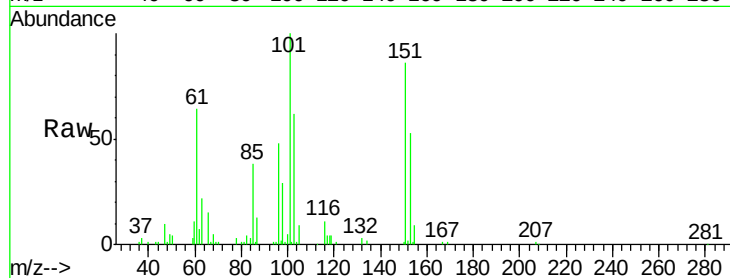
ClientSampleId :

VY0602SBS01

Tot Ion:	101	Resp:	60118
Ion Ratio	Lower	Upper	
101	100		
85	40.9	32.7	49.1
151	87.9	68.0	102.0

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#10

Methyl Iodide

Concen: 18.725 ug/l

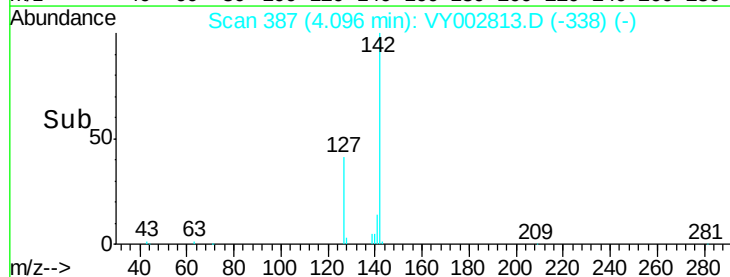
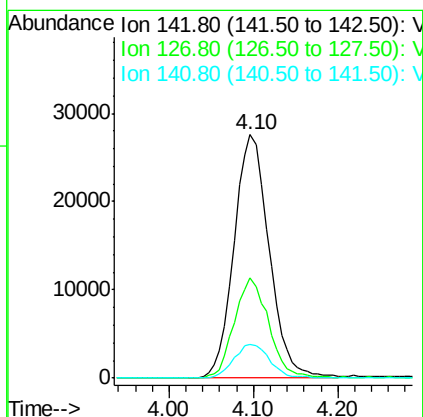
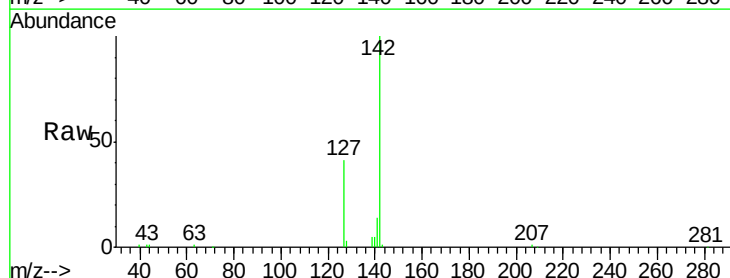
RT: 4.10 min Scan# 387

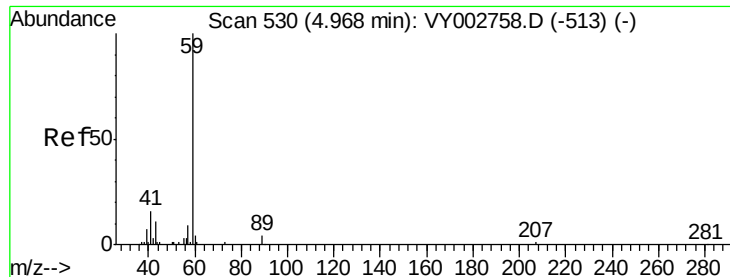
Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion:	142	Resp:	77941
Ion Ratio	Lower	Upper	
142	100		
127	40.2	33.3	49.9
141	14.1	11.5	17.3





#11

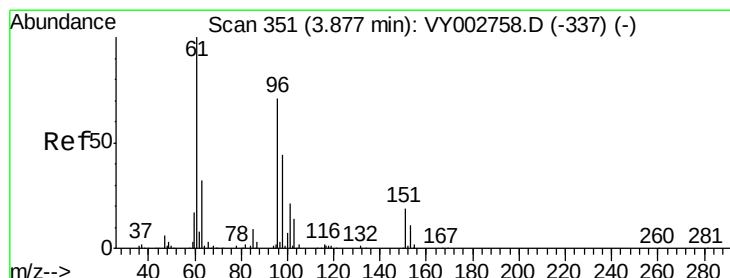
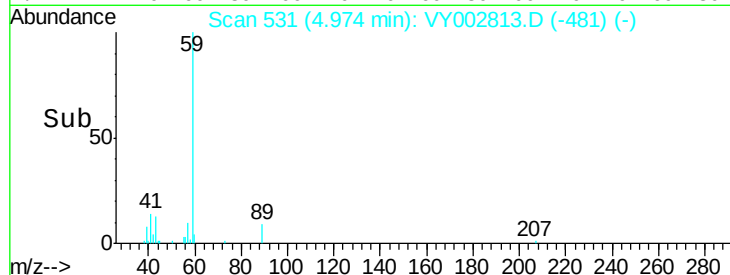
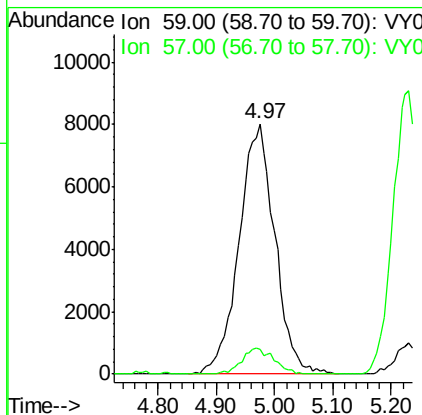
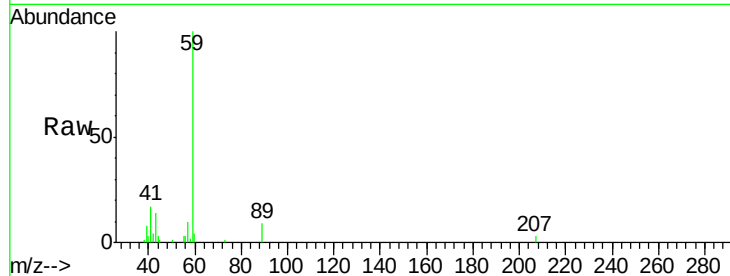
Tert butyl alcohol
 Concen: 96.243 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	59	Resp	34162
Ion Ratio	100	Lower	Upper
57	9.3	7.7	11.5

Manual Integrations
 APPROVED

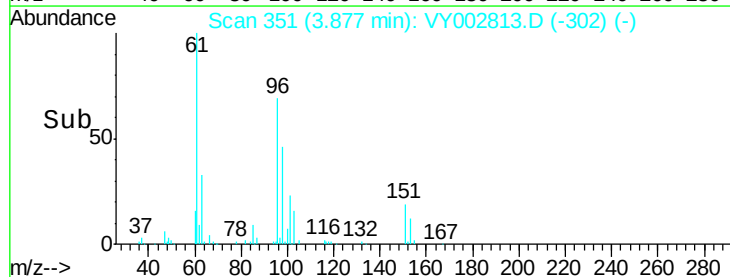
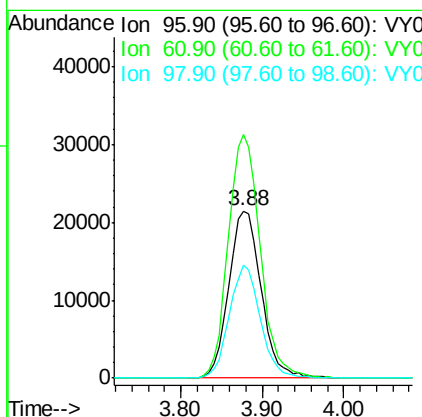
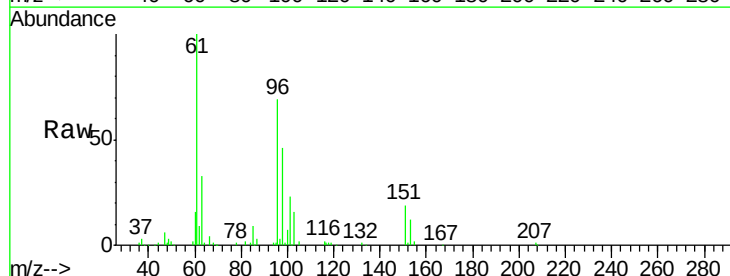
MMDadoda
 6/3/2020 11:31:34 AM

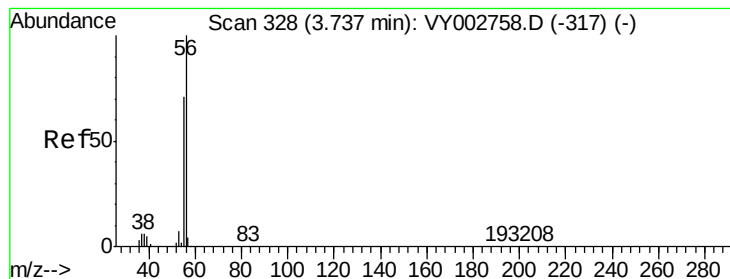


#12

1,1-Dichloroethene
 Concen: 19.670 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	96	Resp	58845
Ion Ratio	100	Lower	Upper
61	145.5	112.6	168.8
98	67.4	50.0	75.0





#13

Acrolein

Concen: 94.780 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion: 56 Resp: 33914

Ion Ratio Lower Upper

56 100

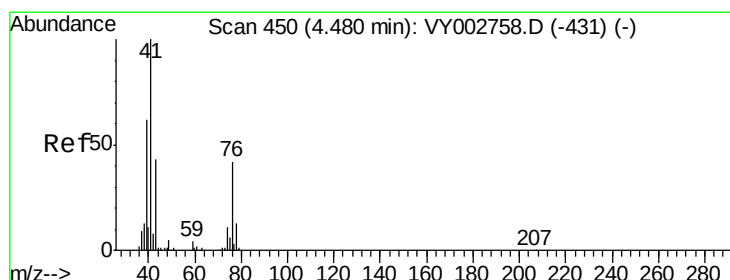
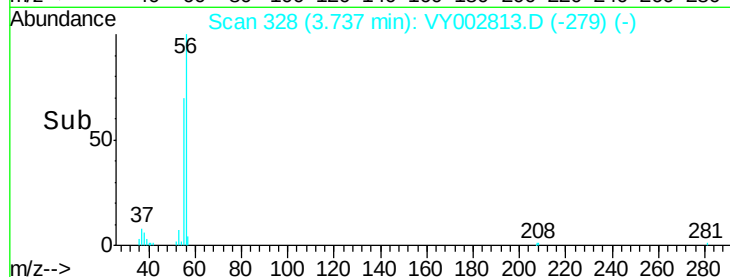
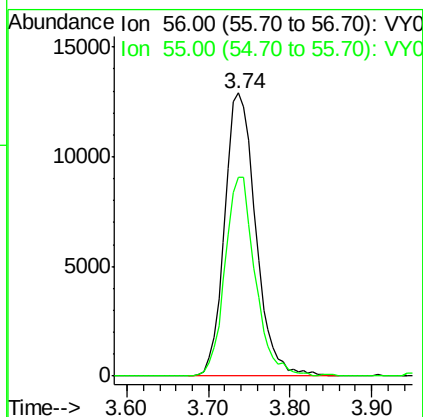
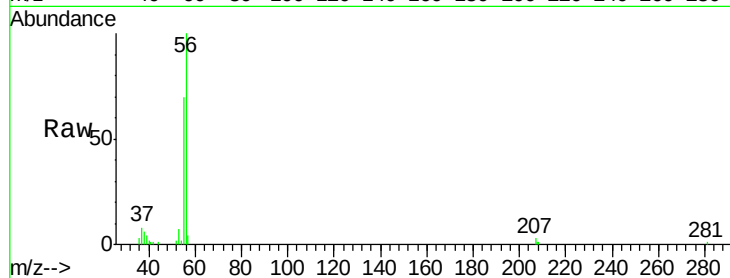
55 68.4 56.0 84.0

Manual Integrations

APPROVED

MMDadoda

6/3/2020 11:31:34 AM



#14

Allyl chloride

Concen: 20.249 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

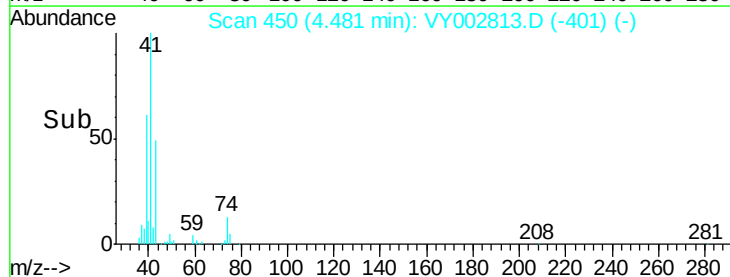
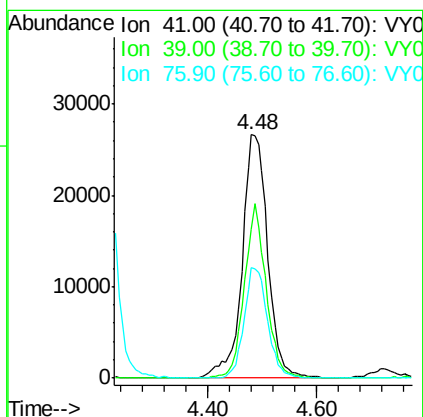
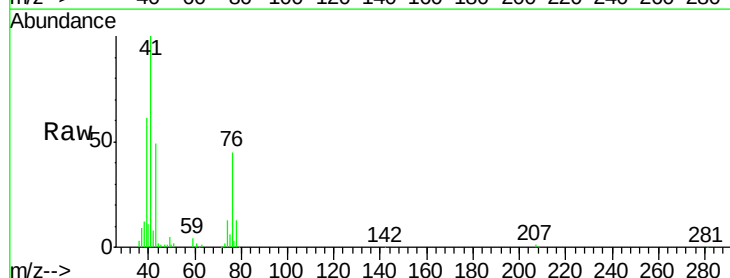
Tgt Ion: 41 Resp: 86881

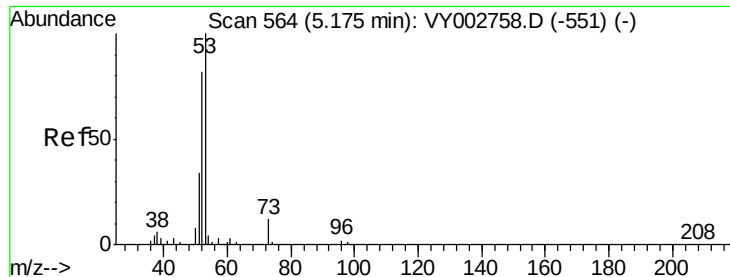
Ion Ratio Lower Upper

41 100

39 61.1 49.9 74.9

76 41.3 33.2 49.8





#15

Acrylonitrile

Concen: 98.028 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

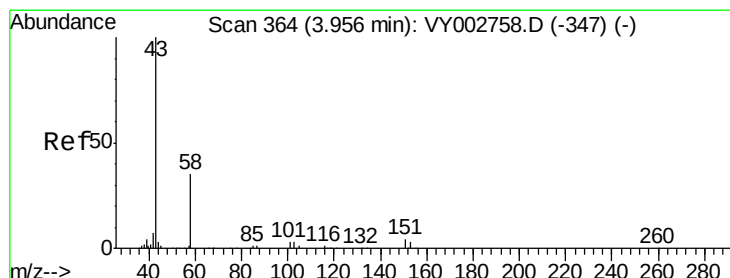
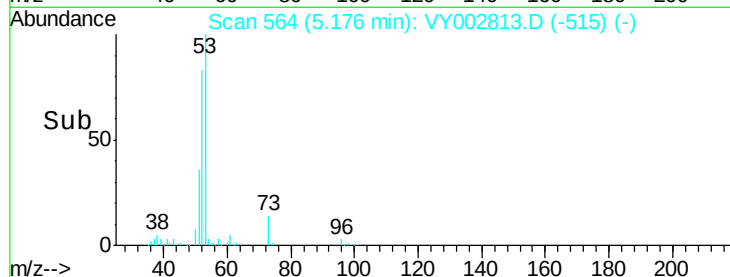
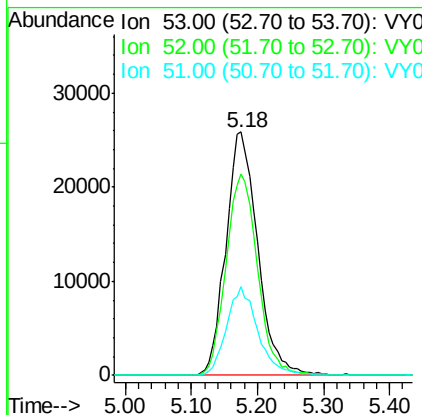
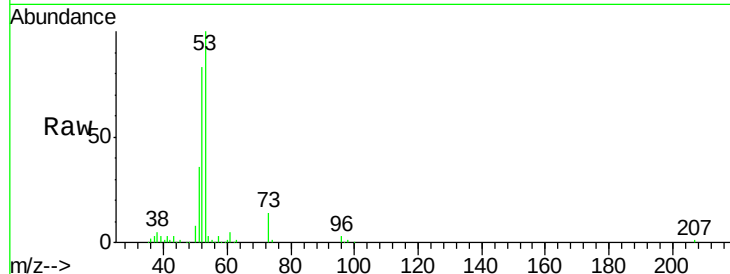
ClientSampleId :

VY0602SBS01

Tot Ion:	53	Resp:	86517
Ion Ratio		Lower	Upper
53	100		
52	81.2	65.3	97.9
51	35.5	28.0	42.0

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#16

Acetone

Concen: 95.080 ug/l

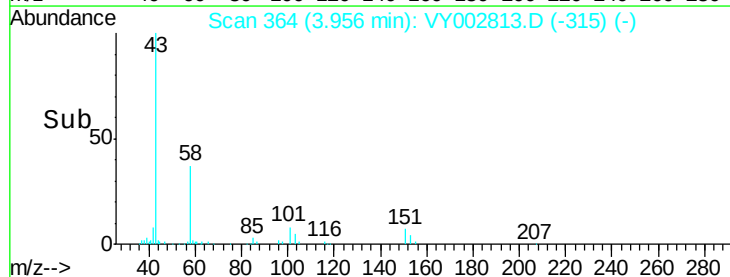
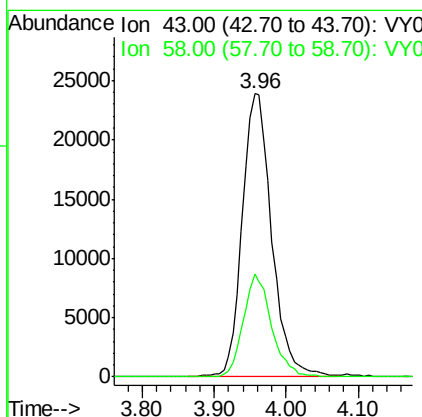
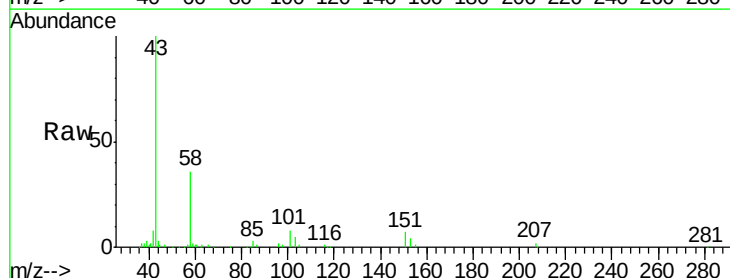
RT: 3.96 min Scan# 364

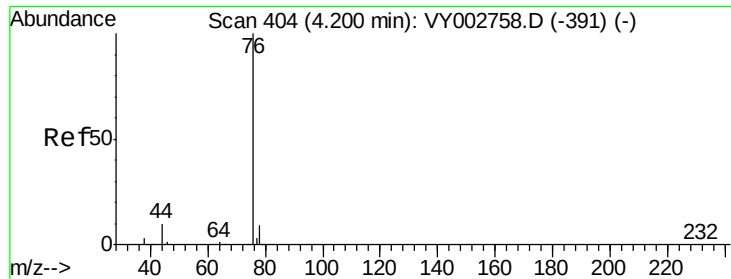
Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion:	43	Resp:	68075
Ion Ratio		Lower	Upper
43	100		
58	36.4	27.7	41.5





#17

Carbon Disulfide

Concen: 19.326 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion: 76 Resp: 174714

Ion Ratio Lower Upper

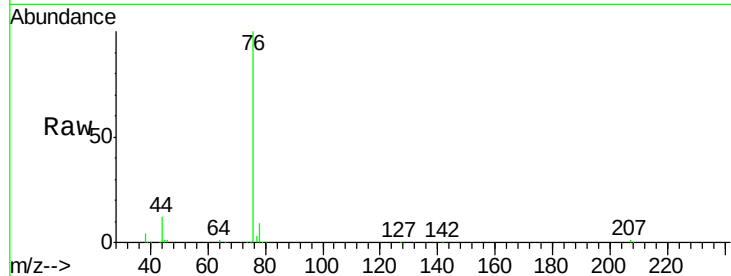
76 100

78 9.2 6.9 10.3

Manual Integrations
APPROVED

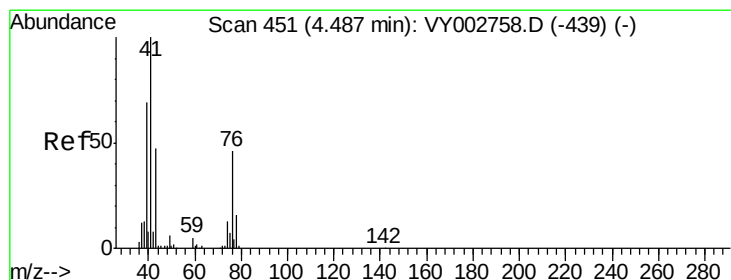
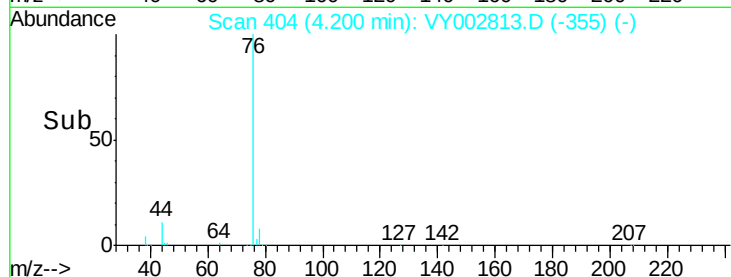
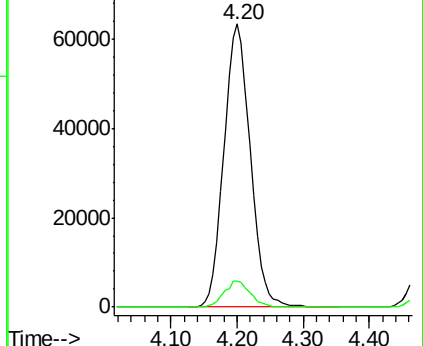
MMDadoda

6/3/2020 11:31:34 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.670 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002813.D

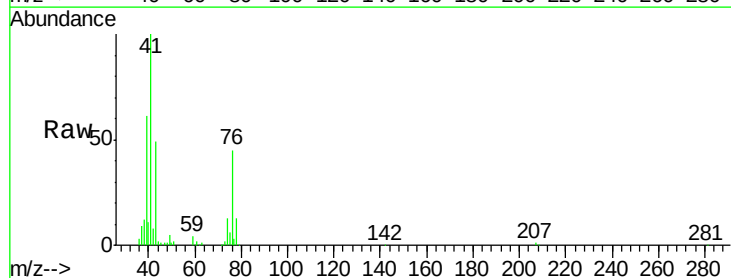
Acq: 02 Jun 2020 11:37

Tgt Ion: 43 Resp: 39917

Ion Ratio Lower Upper

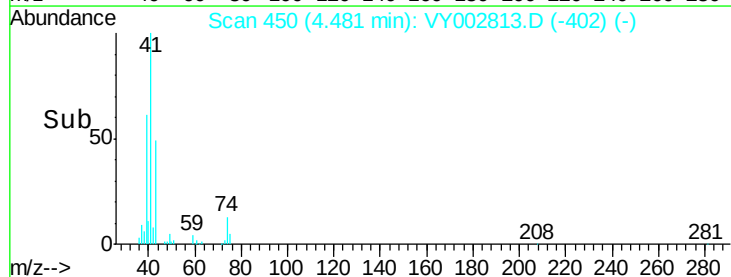
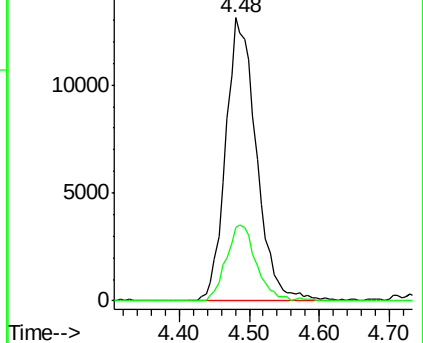
43 100

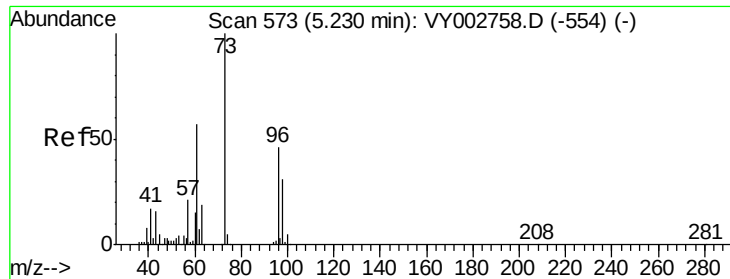
74 26.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





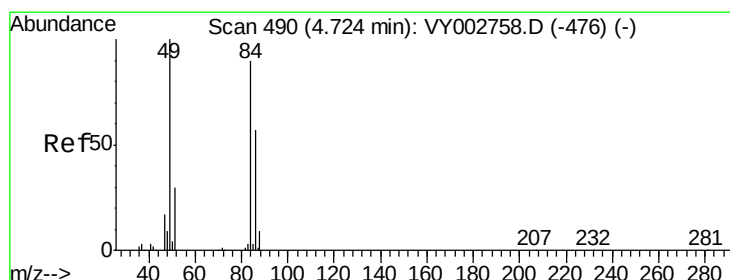
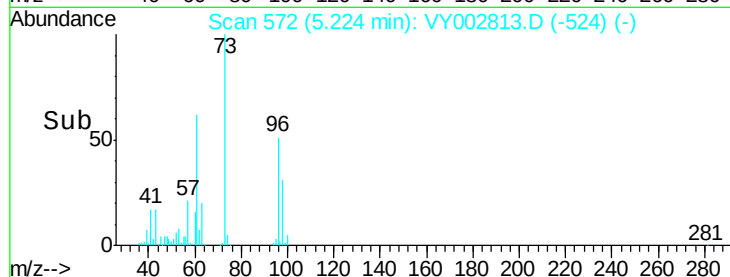
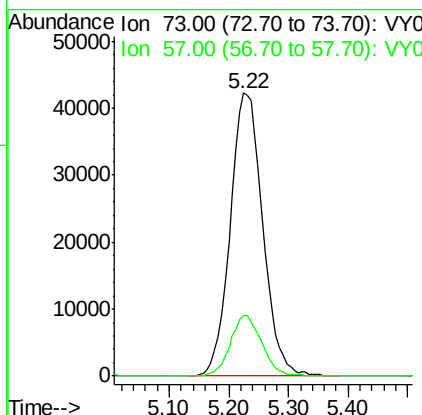
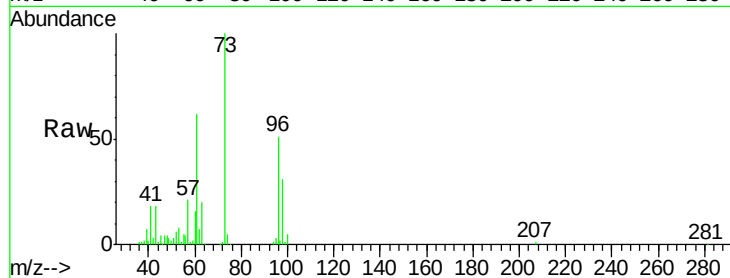
#19
Methyl tert-butyl Ether
Concen: 19.392 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion: 73 Resp: 160159
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

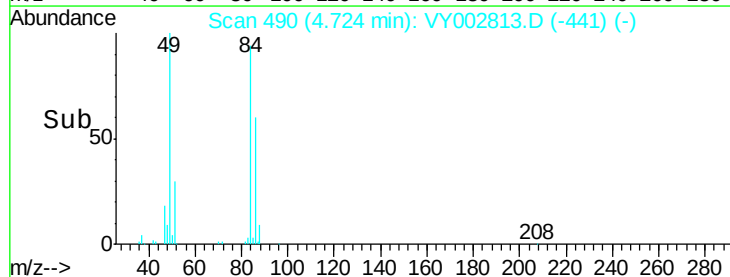
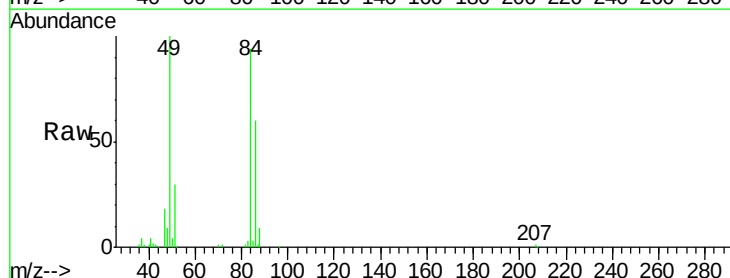
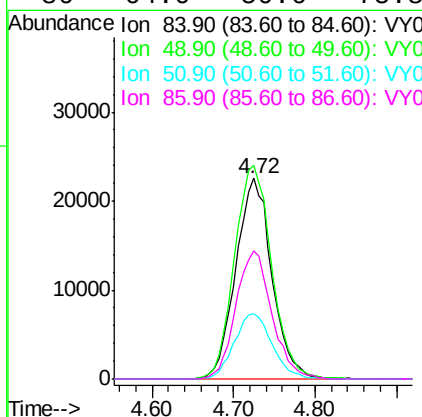
Manual Integrations
APPROVED

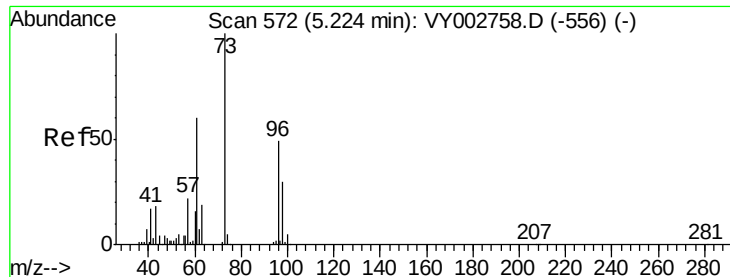
MMDadoda
6/3/2020 11:31:34 AM



#20
Methylene Chloride
Concen: 19.791 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion: 84 Resp: 69247
Ion Ratio Lower Upper
84 100
49 106.6 88.5 132.7
51 32.5 26.8 40.2
86 64.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 19.566 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

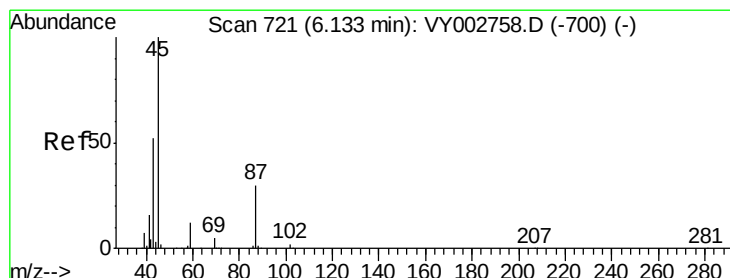
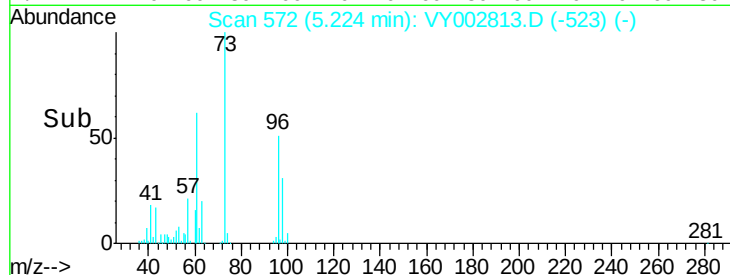
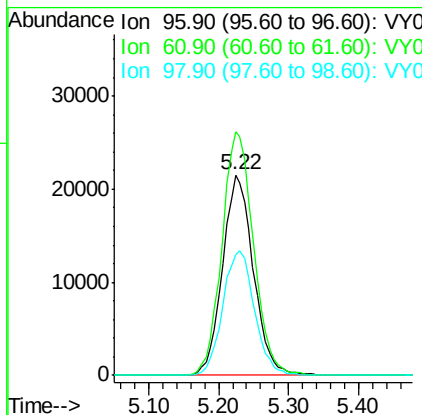
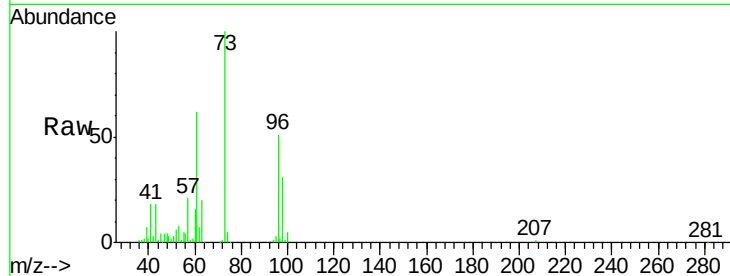
ClientSampleId :

VY0602SBS01

Tot Ion:	96	Resp:	65827
Ion	Ratio	Lower	Upper
96	100		
61	121.1	96.8	145.2
98	60.4	49.4	74.0

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#22

Diisopropyl ether

Concen: 20.051 ug/l

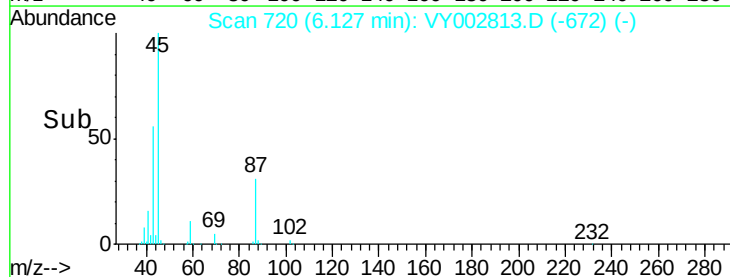
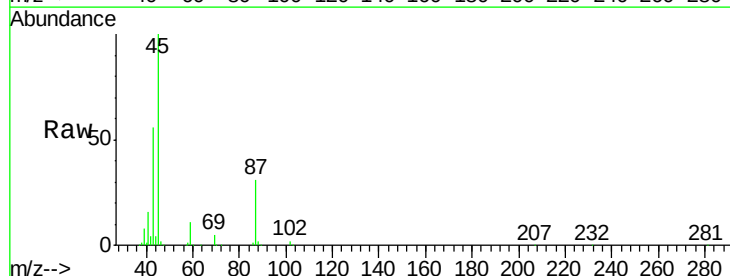
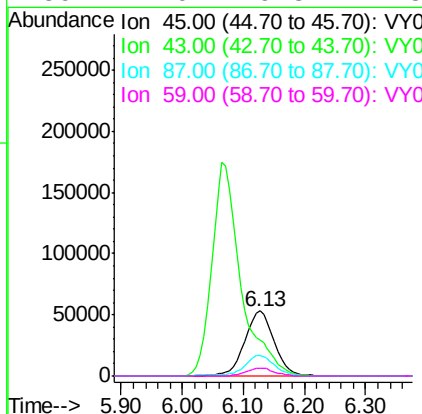
RT: 6.13 min Scan# 720

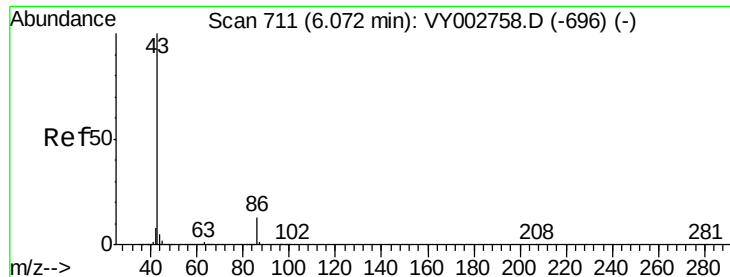
Delta R.T. -0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion:	45	Resp:	178777
Ion	Ratio	Lower	Upper
45	100		
43	55.9	41.7	62.5
87	31.0	24.2	36.2
59	11.0	9.8	14.8





#23

Vinyl Acetate

Concen: 98.842 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion: 43 Resp: 581855

Ion Ratio Lower Upper

43 100

86 11.9

10.2

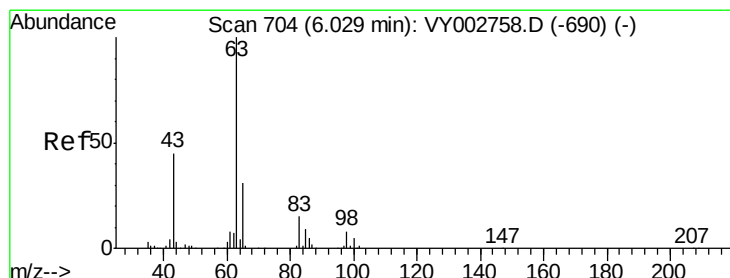
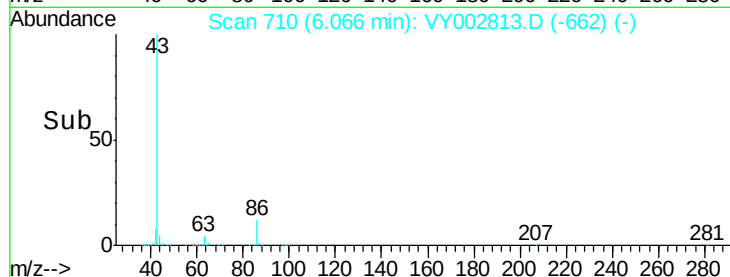
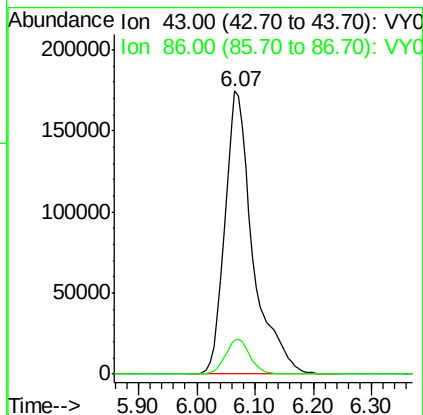
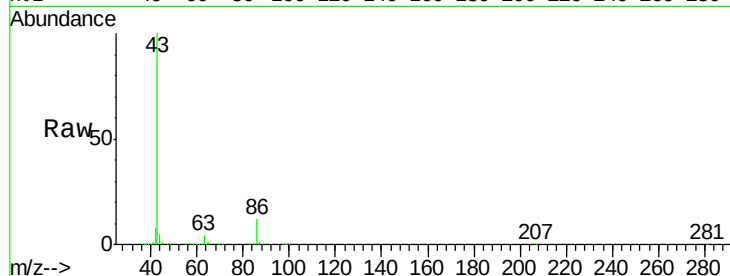
15.2

Manual Integrations

APPROVED

MMDadoda

6/3/2020 11:31:34 AM



#24

1,1-Dichloroethane

Concen: 19.852 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion: 63 Resp: 103544

Ion Ratio Lower Upper

63 100

98 7.7

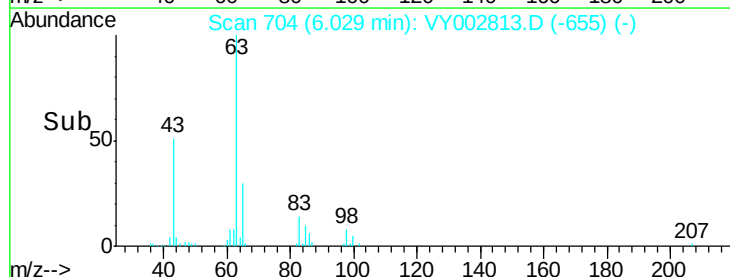
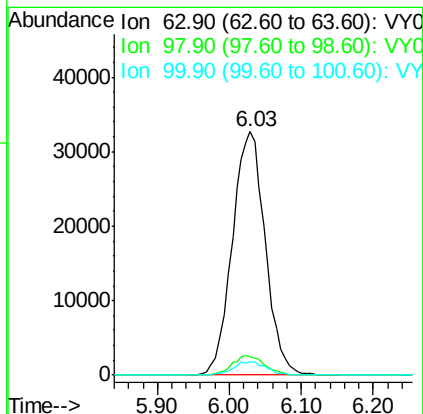
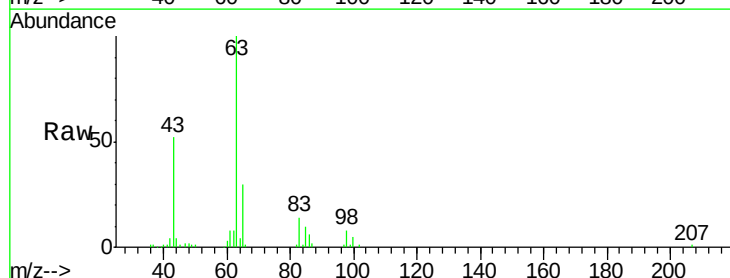
4.0

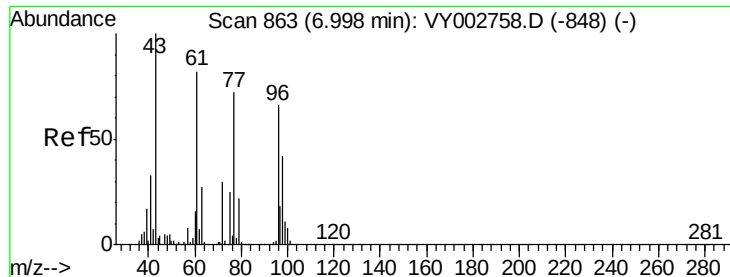
12.2

100 5.2

2.4

7.1





#25

2-Butanone

Concen: 96.385 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion: 43 Resp: 107516

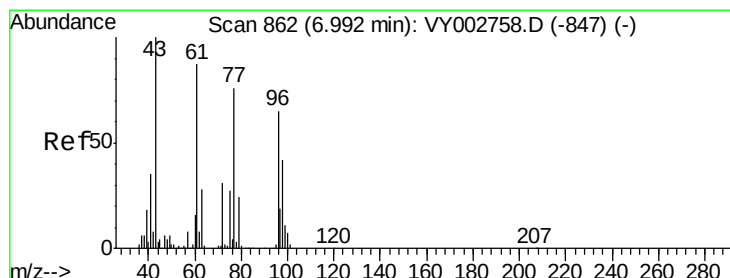
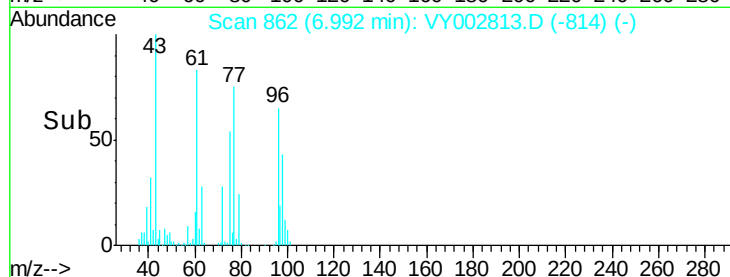
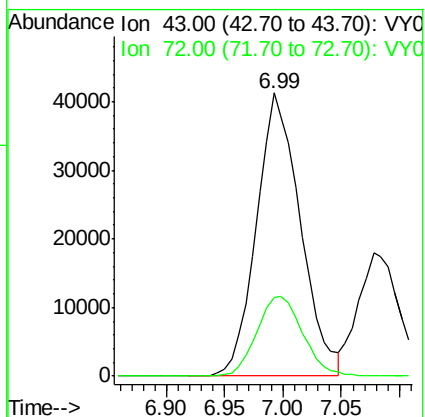
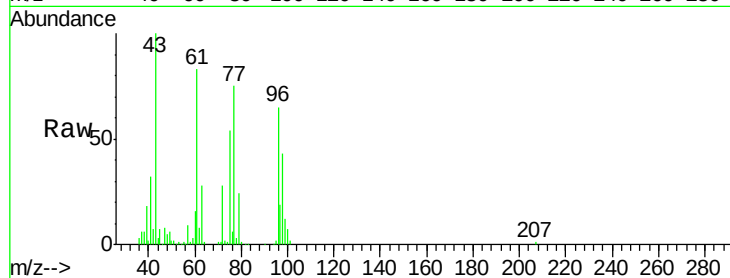
Ion Ratio Lower Upper

43 100

72 27.9 23.9 35.9

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#26

2,2-Dichloropropane

Concen: 19.178 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002813.D

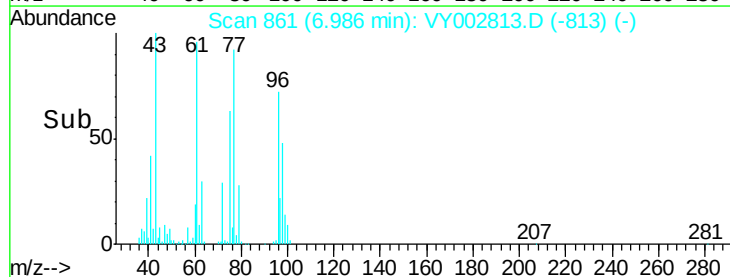
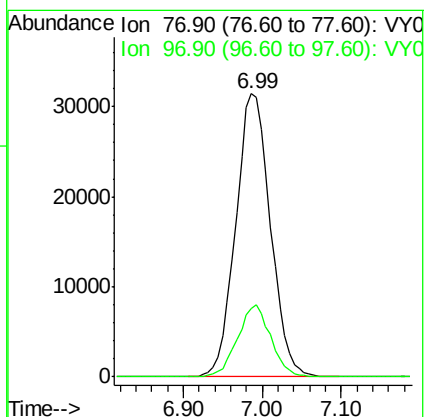
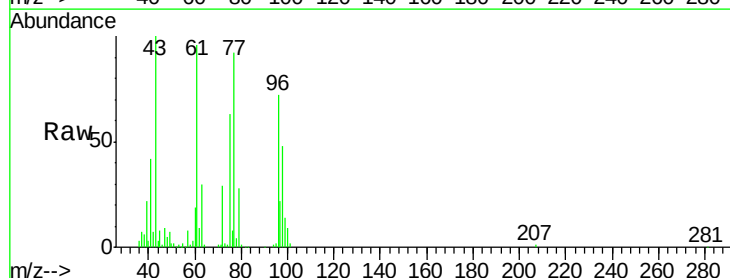
Acq: 02 Jun 2020 11:37

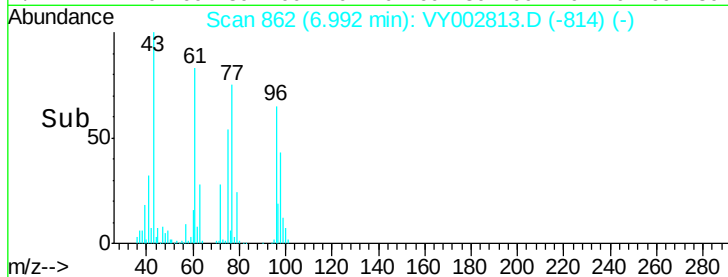
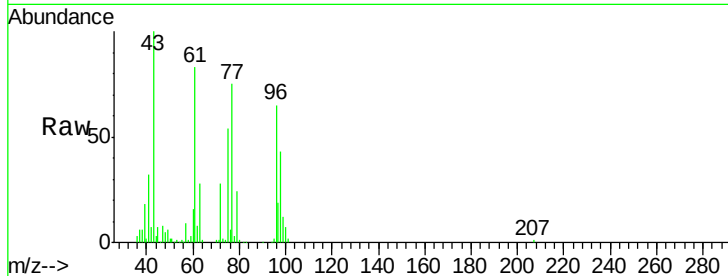
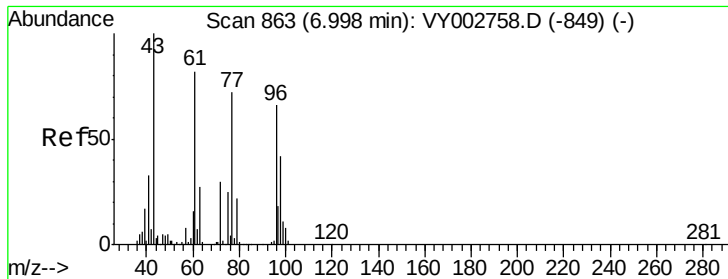
Tgt Ion: 77 Resp: 95932

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6





#27

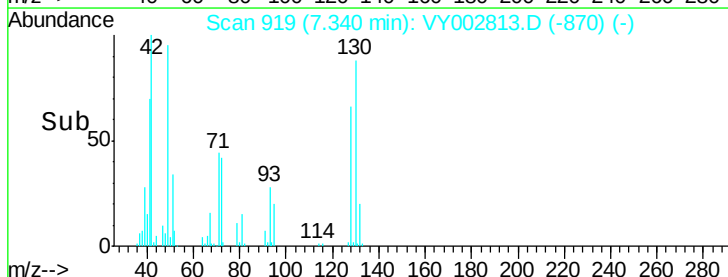
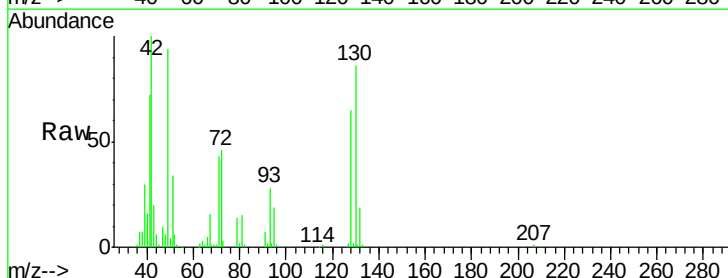
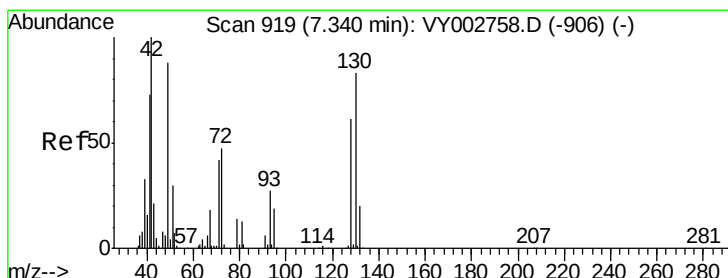
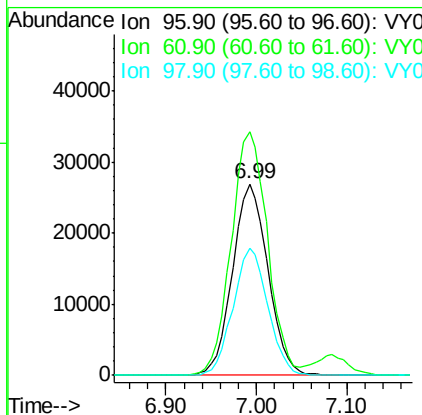
cis-1,2-Dichloroethene
Concen: 19.395 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	260.2
98	65.1	0.0	128.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Manual Integrations
APPROVED

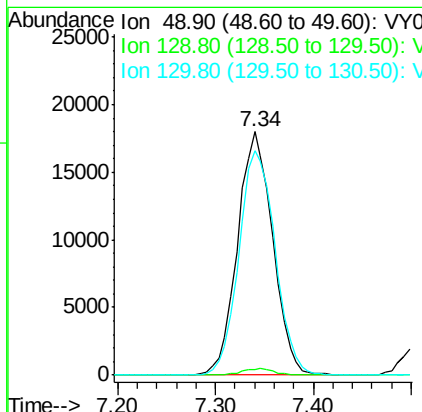
MMDadoda
6/3/2020 11:31:34 AM

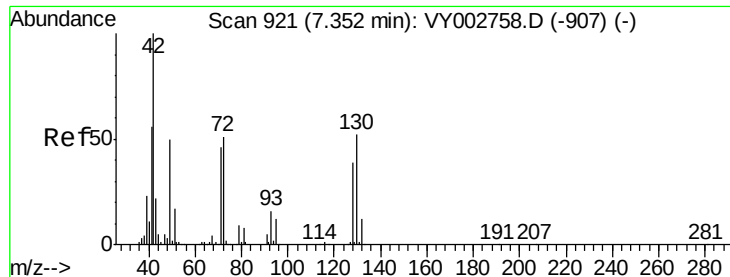


#28

Bromochloromethane
Concen: 20.929 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	95.0	77.1	115.7





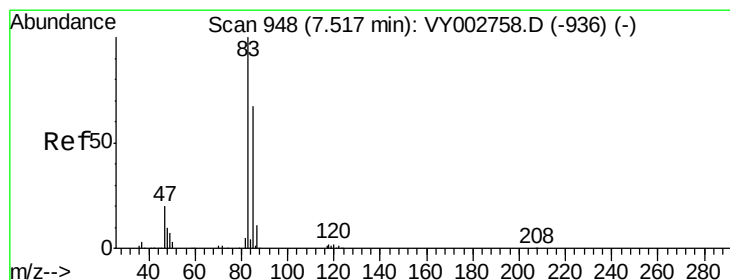
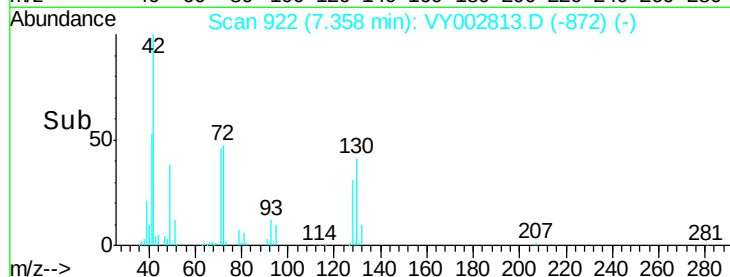
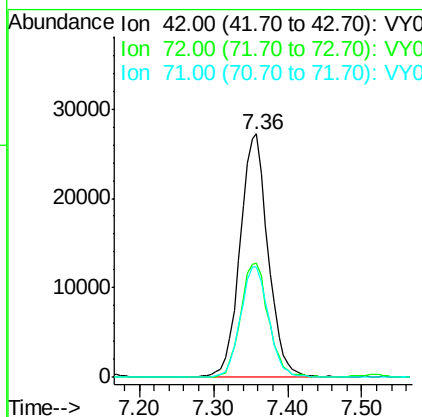
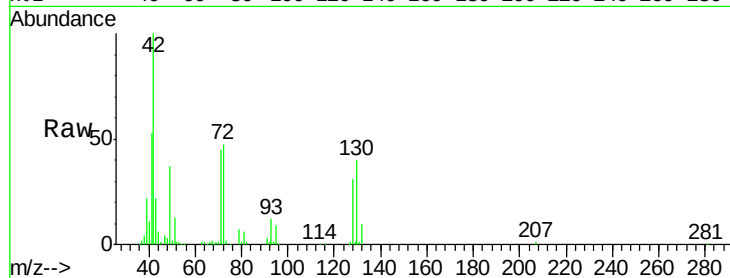
#29
Tetrahydrofuran
Concen: 99.353 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	38.6	58.0
71	45.4	35.8	53.8

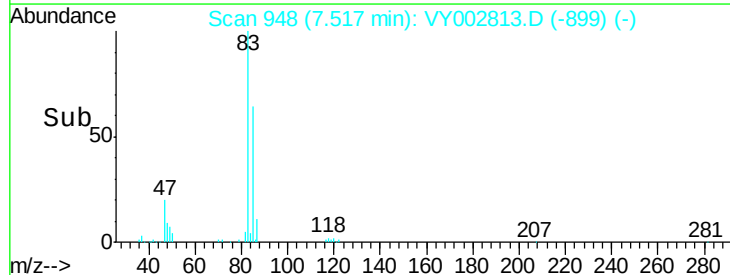
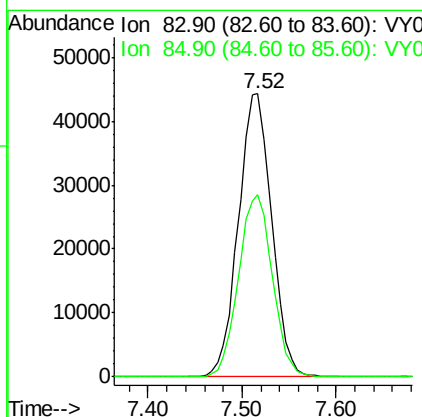
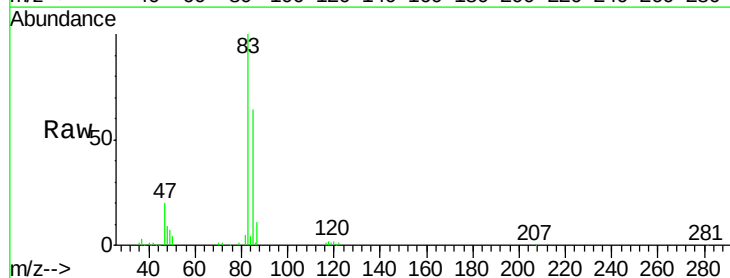
Manual Integrations
APPROVED

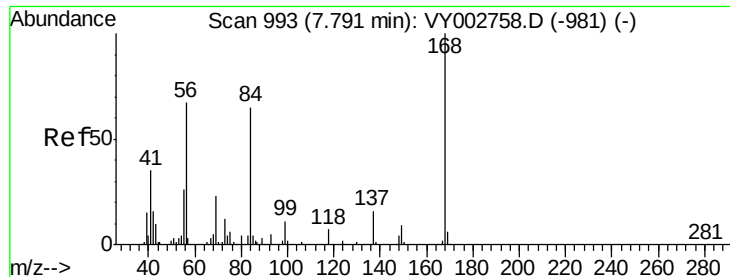
MMDadoda
6/3/2020 11:31:34 AM



#30
Chloroform
Concen: 19.686 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.8	80.8





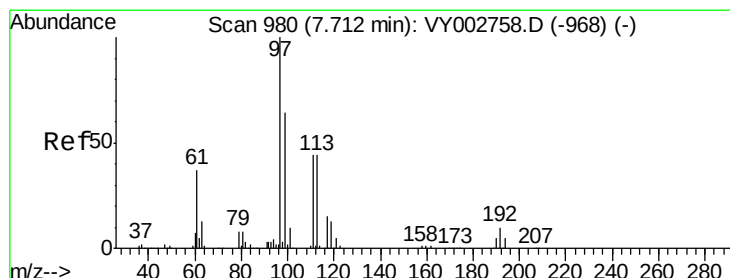
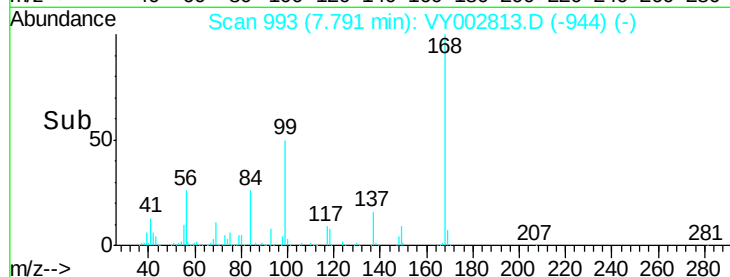
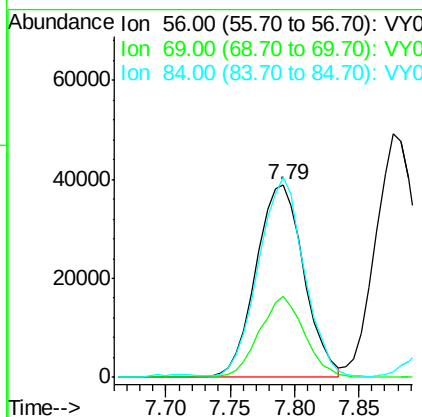
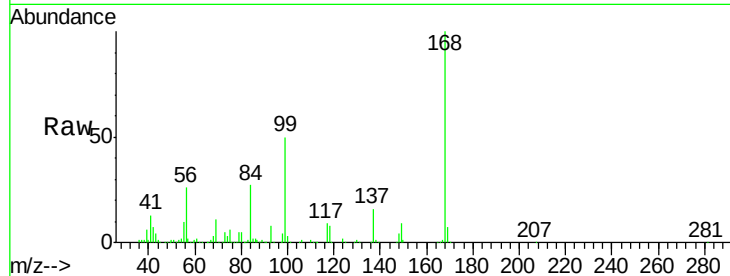
#31
Cyclohexane
Concen: 19.405 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.4	28.0	42.0#
84	102.3	77.7	116.5

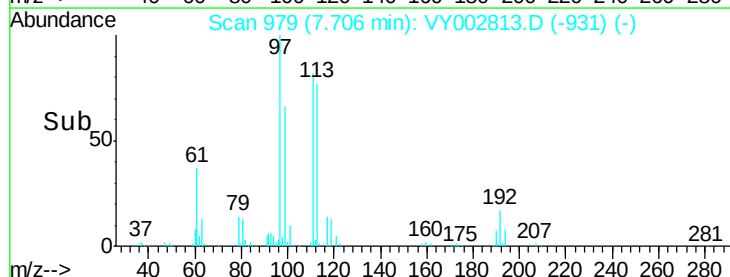
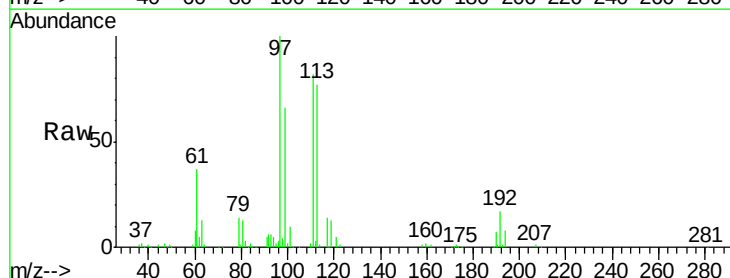
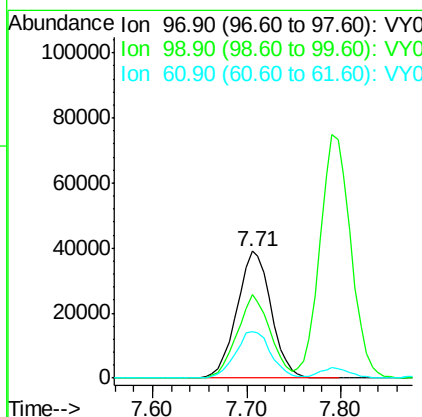
Manual Integrations
APPROVED

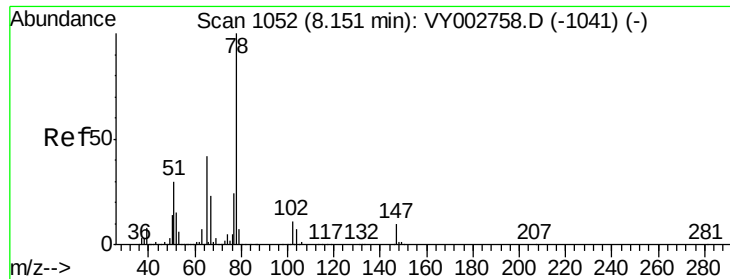
MMDadoda
6/3/2020 11:31:34 AM



#32
1,1,1-Trichloroethane
Concen: 19.202 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.0
61	38.0	30.1	45.1





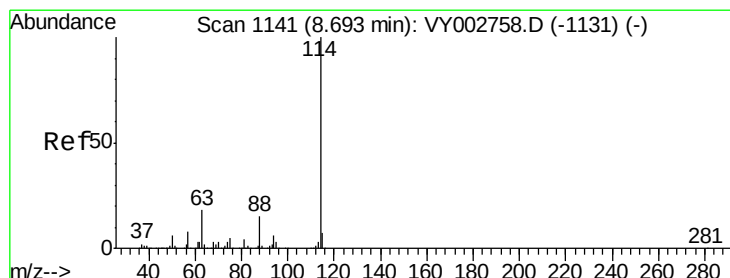
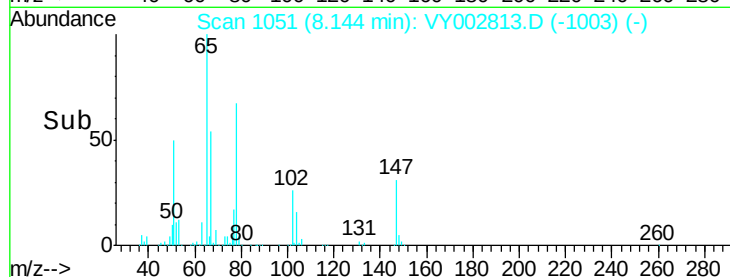
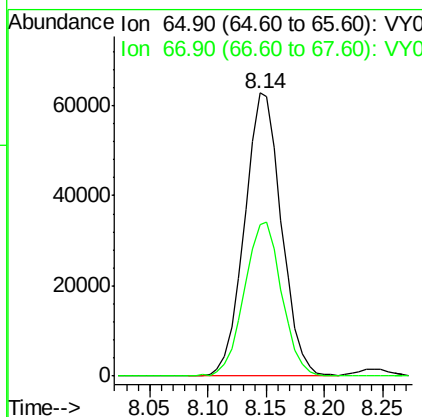
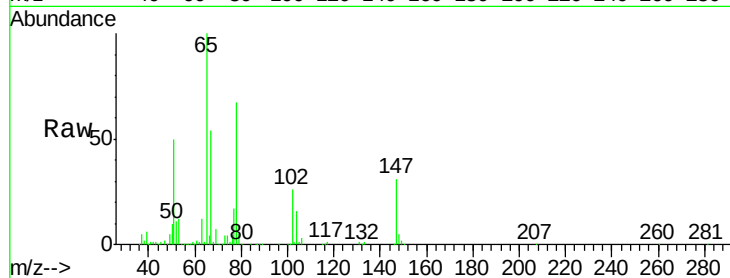
#33
 1,2-Dichloroethane-d4
 Concen: 45.373 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.2	0.0	111.0	

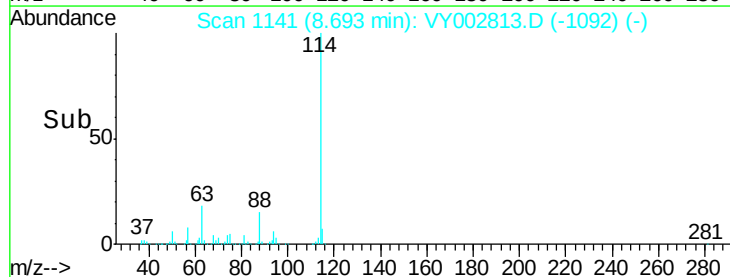
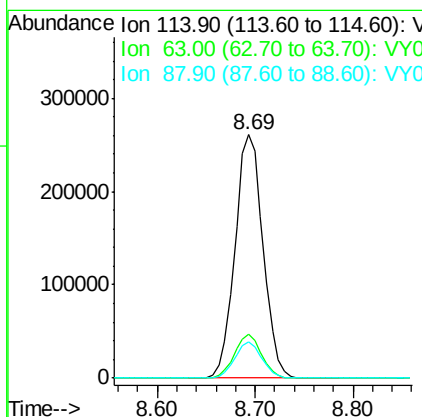
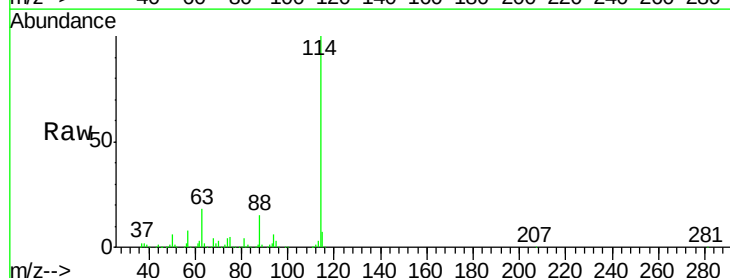
Manual Integrations
 APPROVED

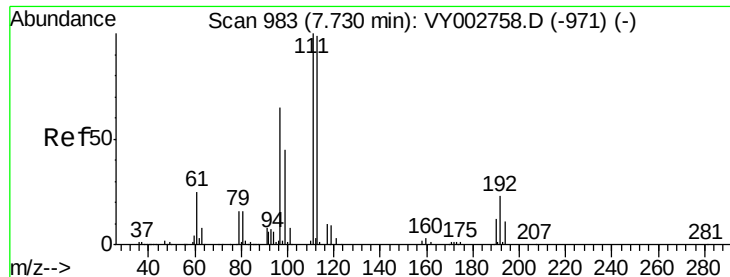
MMDadoda
 6/3/2020 11:31:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	35.2	
88	15.1	0.0	29.2	





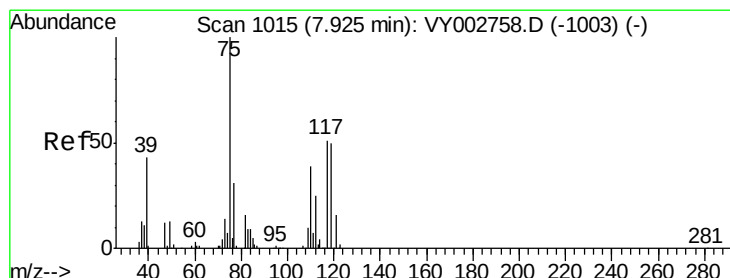
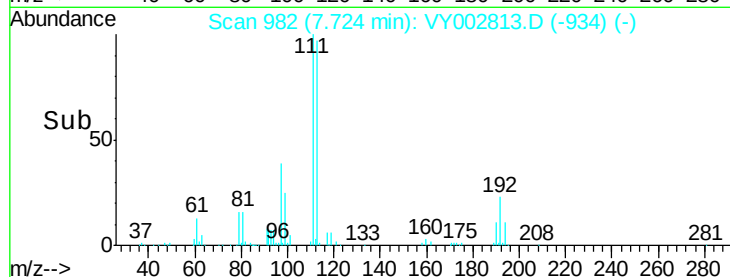
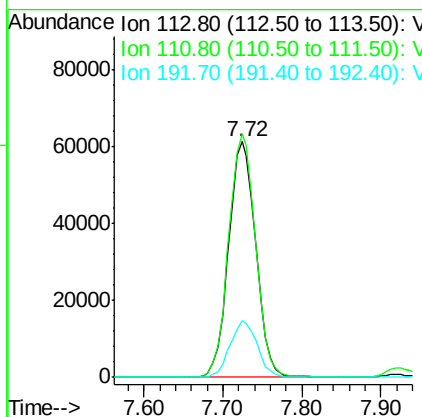
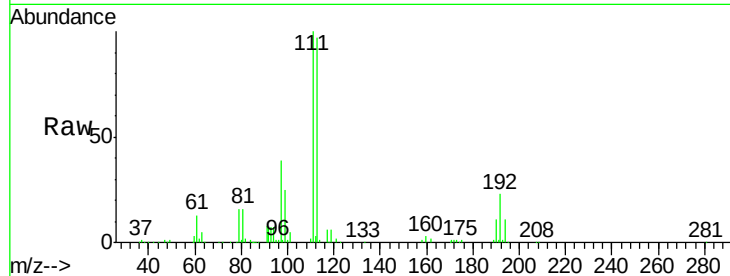
#35
 Dibromofluoromethane
 Concen: 48.378 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146299		
111	102.7		82.0	123.0
192	23.9		18.9	28.3

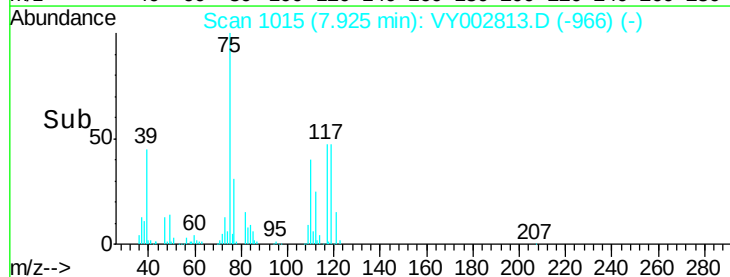
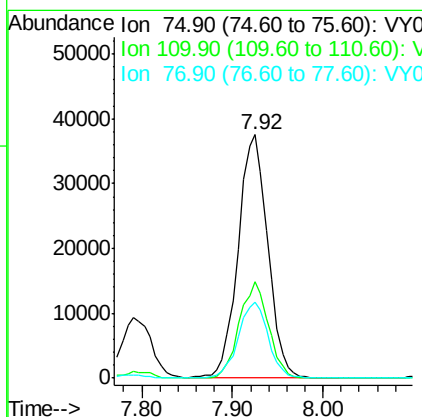
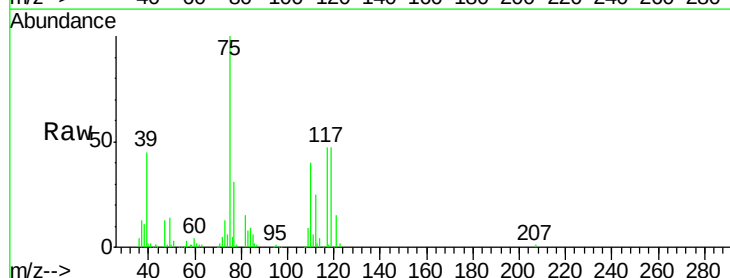
Manual Integrations
 APPROVED

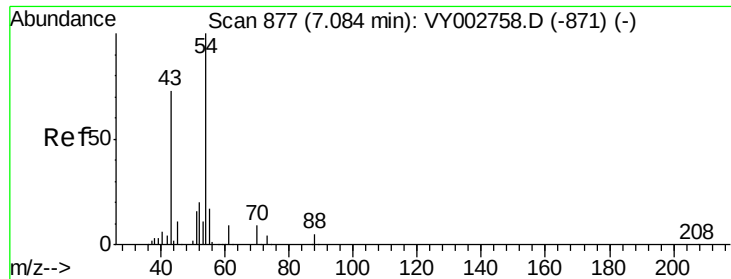
MMDadoda
 6/3/2020 11:31:34 AM



#36
 1,1-Dichloropropene
 Concen: 19.530 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84893		
110	39.1		19.3	57.9
77	31.3		24.8	37.2





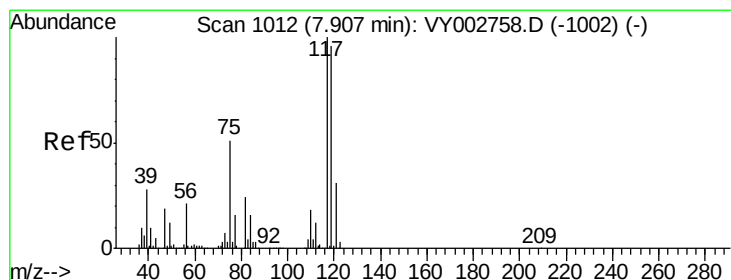
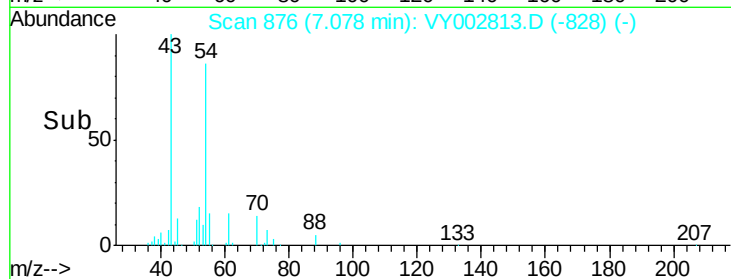
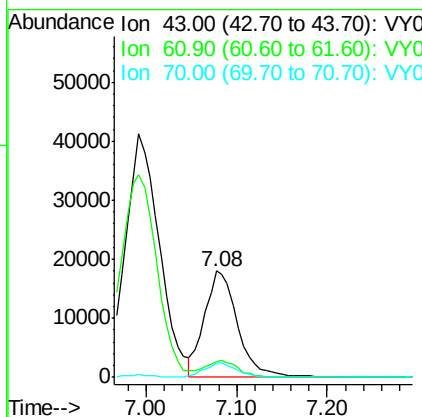
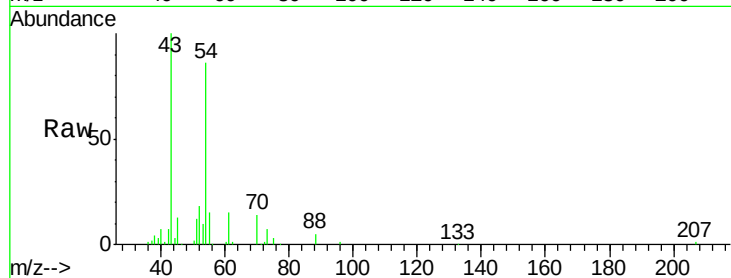
#37
Ethyl Acetate
Concen: 19.603 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	11.9	17.9
70	12.7	9.1	13.7

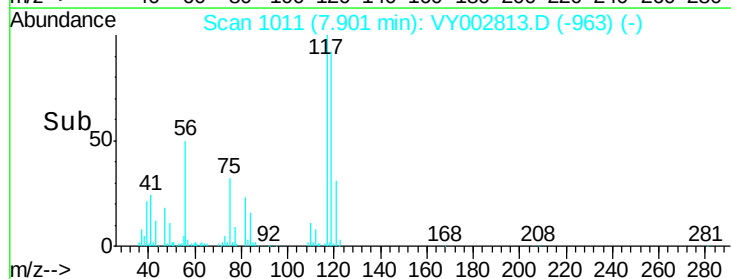
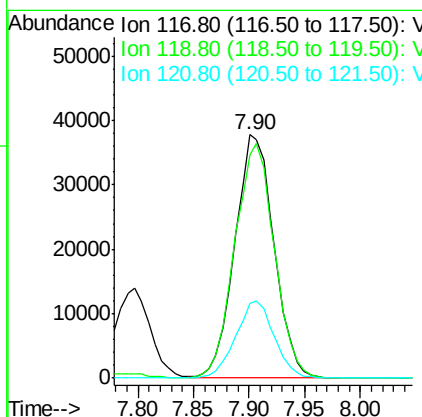
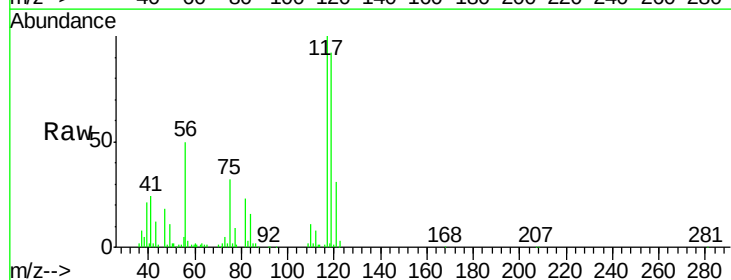
Manual Integrations
APPROVED

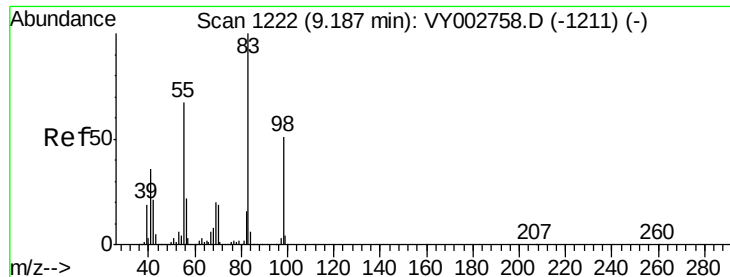
MMDadoda
6/3/2020 11:31:34 AM



#38
Carbon Tetrachloride
Concen: 19.080 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.8	115.2
121	30.8	24.8	37.2





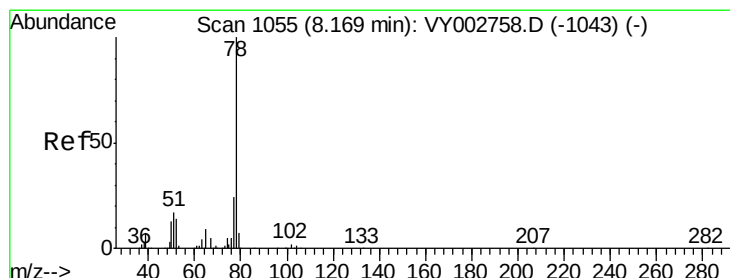
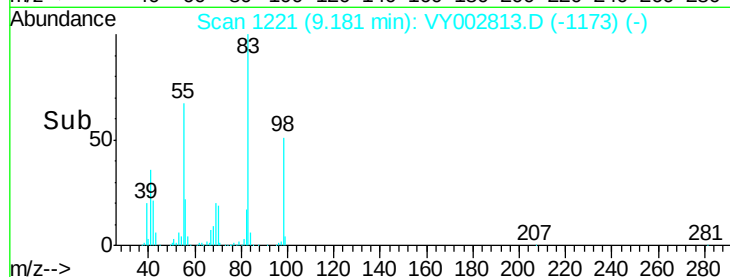
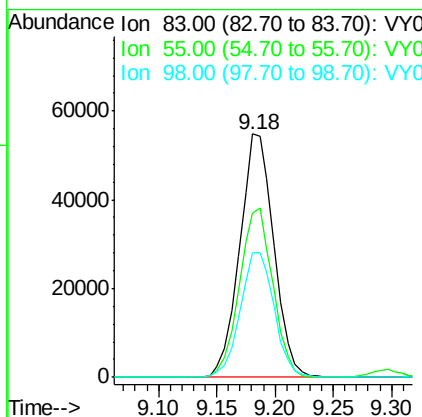
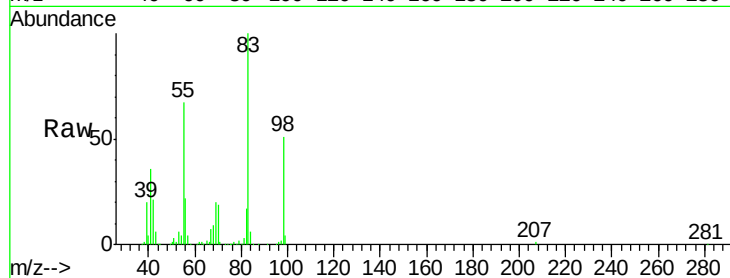
#39
Methylvlcyclohexane
Concen: 19.550 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.4	53.3	79.9
98	51.3	41.1	61.7

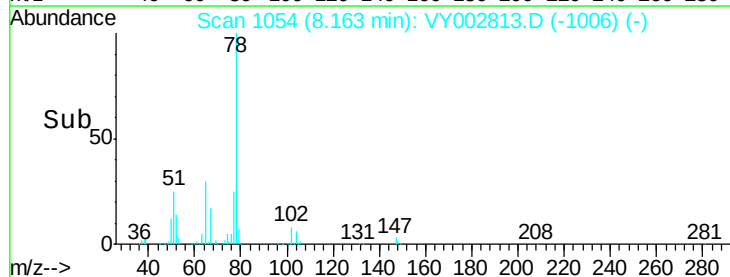
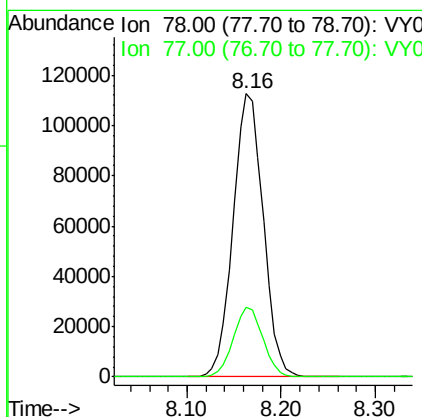
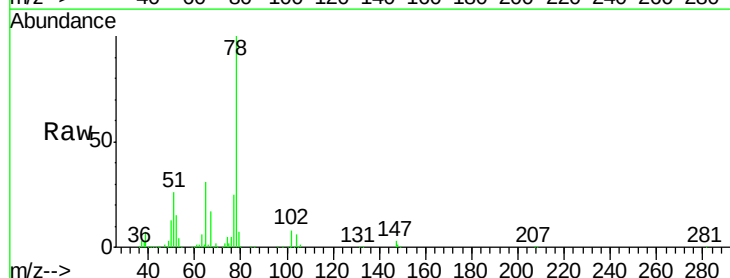
Manual Integrations
APPROVED

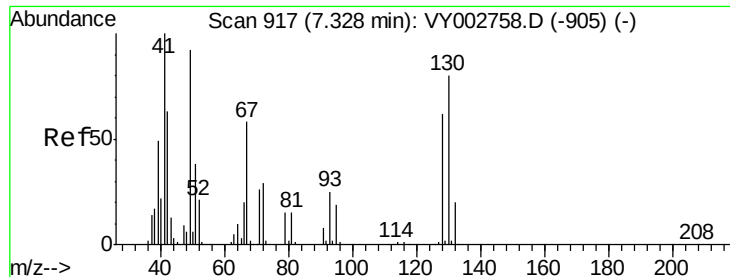
MMDadoda
6/3/2020 11:31:34 AM



#40
Benzene
Concen: 19.535 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2





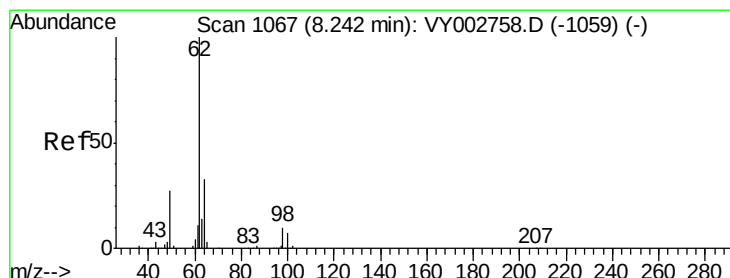
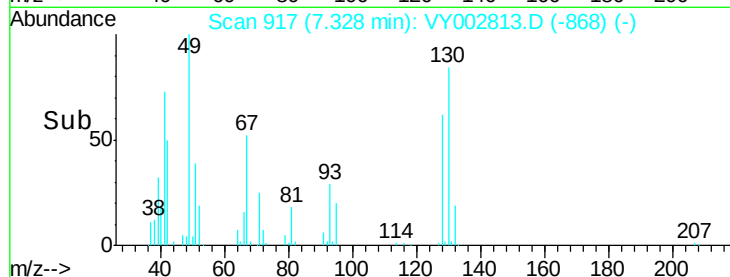
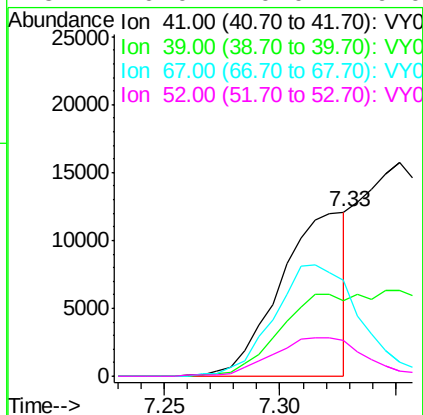
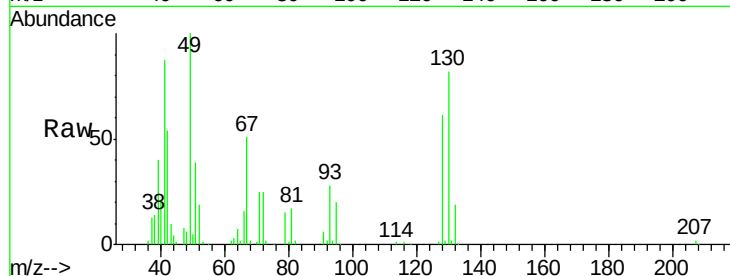
#41
Methacrylonitrile
Concen: 19.030 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

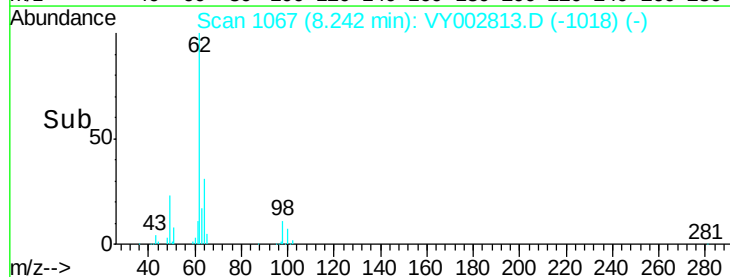
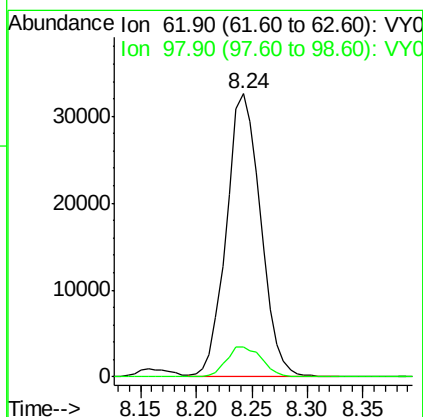
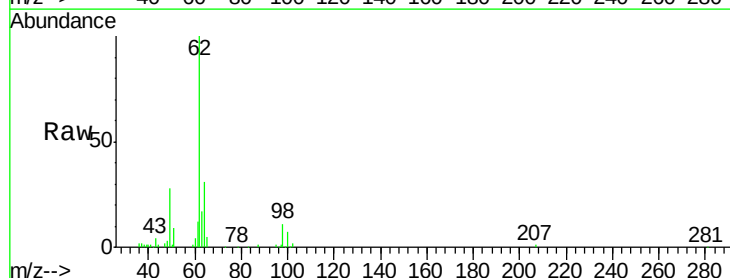
Manual Integrations
APPROVED

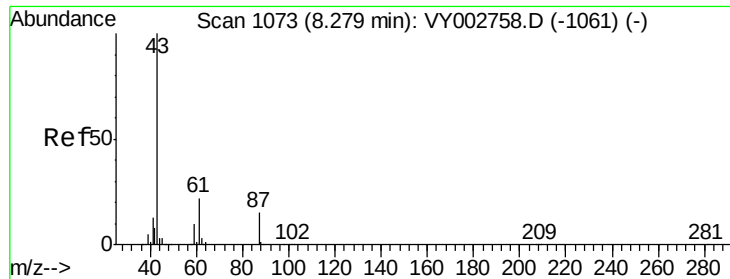
MMDadoda
6/3/2020 11:31:34 AM



#42
1,2-Dichloroethane
Concen: 19.318 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6





#43

Isopropyl Acetate

Concen: 19.733 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

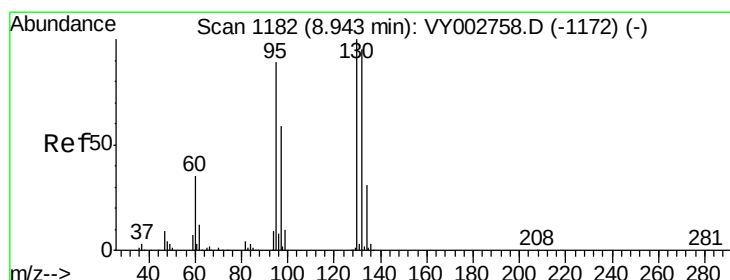
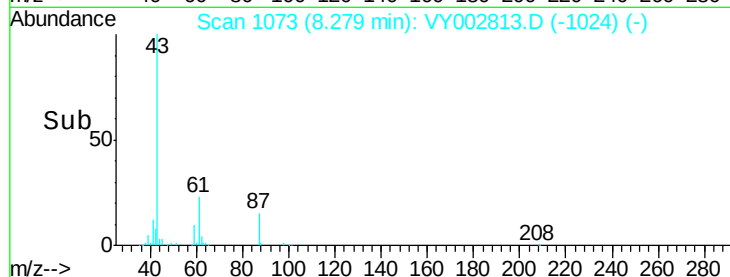
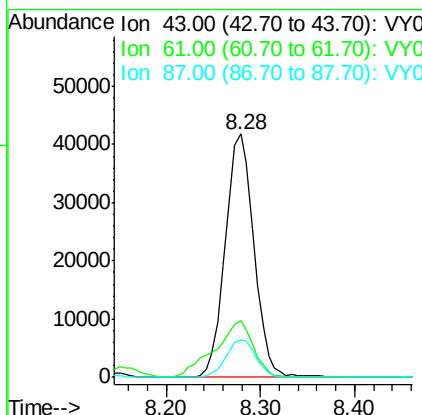
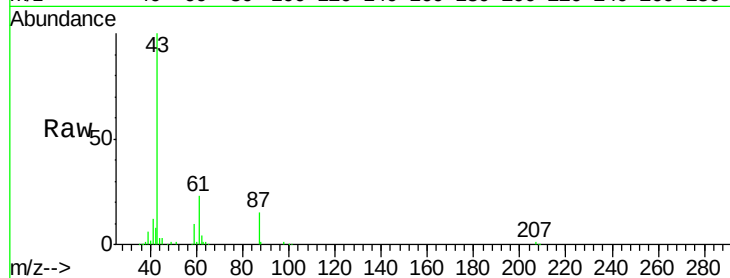
ClientSampleId :

VY0602SBS01

Tot Ion:	43	Resp:	88436
Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.8	37.2
87	16.0	12.4	18.6

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#44

Trichloroethene

Concen: 19.367 ug/l

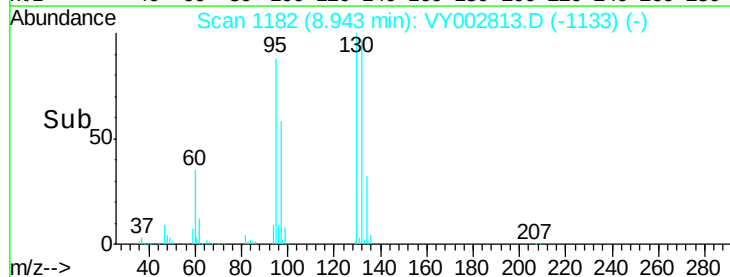
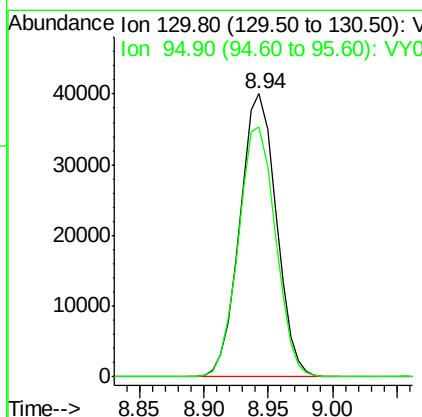
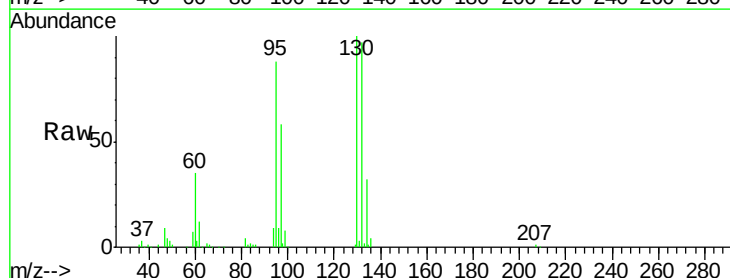
RT: 8.94 min Scan# 1182

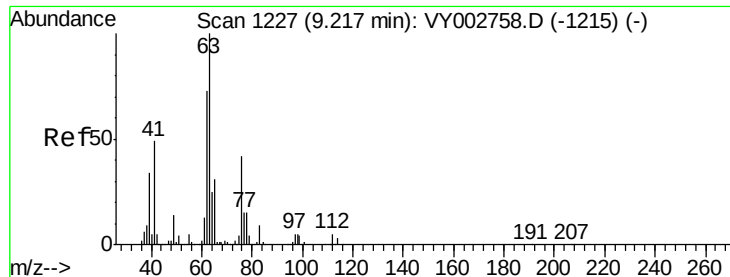
Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion:	130	Resp:	78572
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	178.8





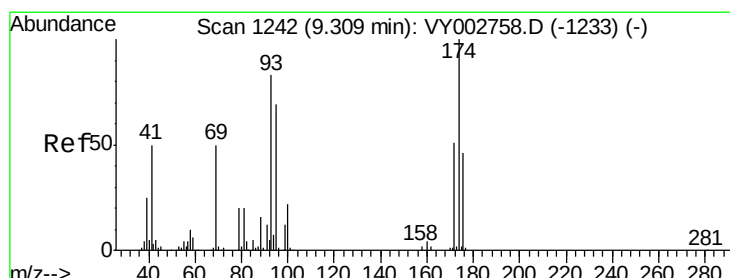
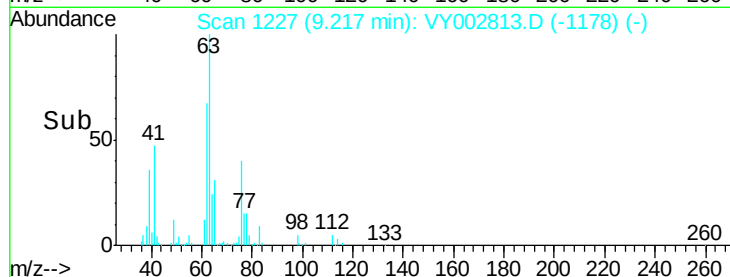
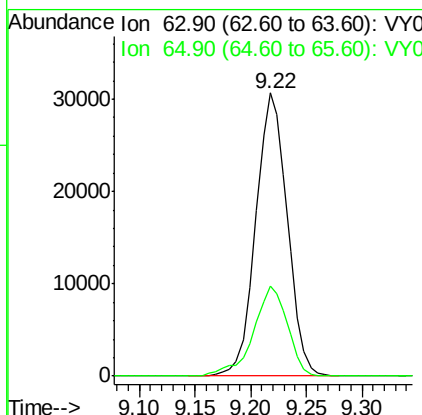
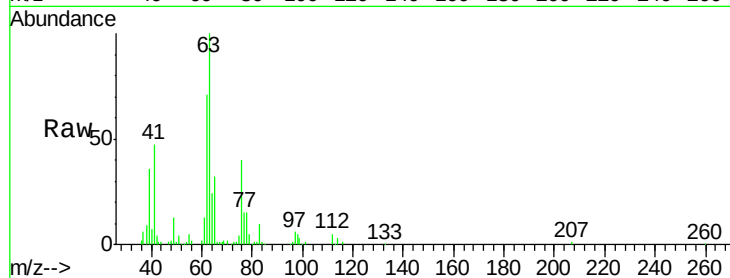
#45
 1,2-Dichloropropane
 Concen: 19.625 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.8	37.2

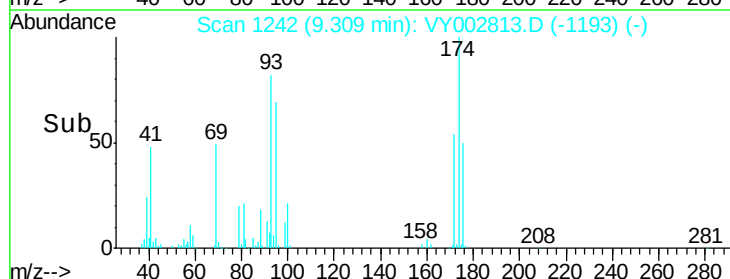
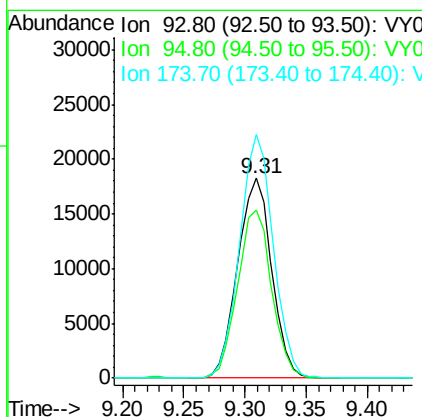
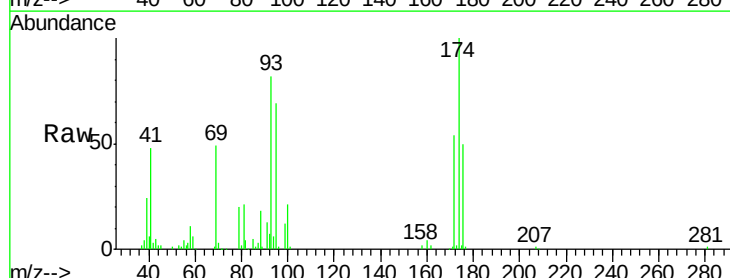
Manual Integrations
 APPROVED

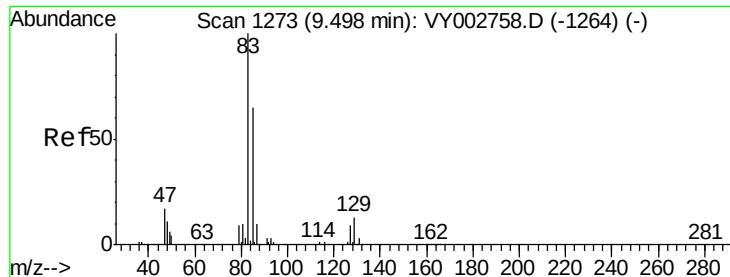
MMDadoda
 6/3/2020 11:31:34 AM



#46
 Dibromomethane
 Concen: 19.337 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.9	100.3
174	120.1	97.7	146.5





#47

Bromodichloromethane

Concen: 19.658 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

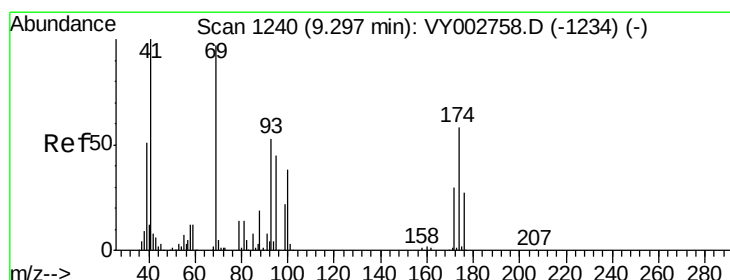
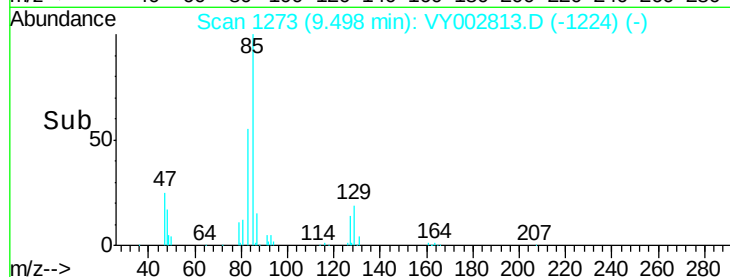
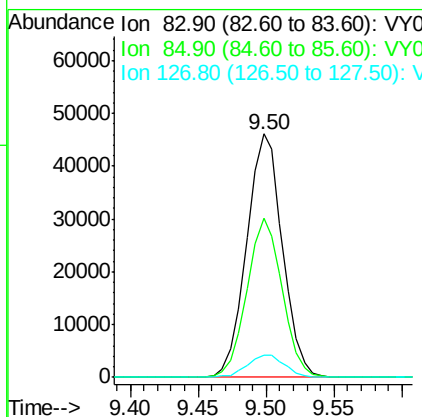
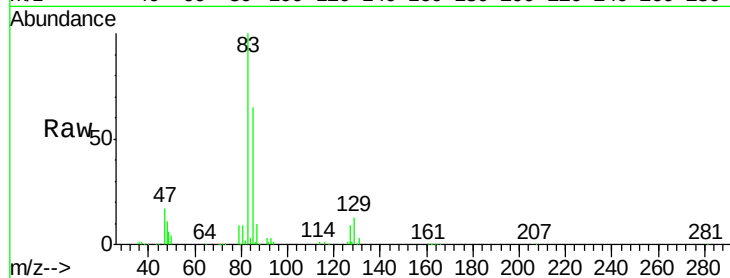
ClientSampleId :

VY0602SBS01

Tot Ion:	83	Resp:	84771
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.9	77.9
127	9.3	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#48

Methyl methacrylate

Concen: 19.725 ug/l

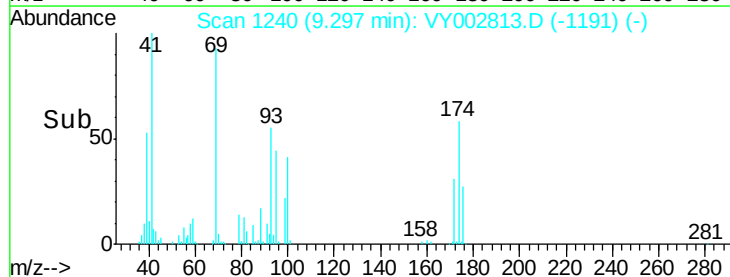
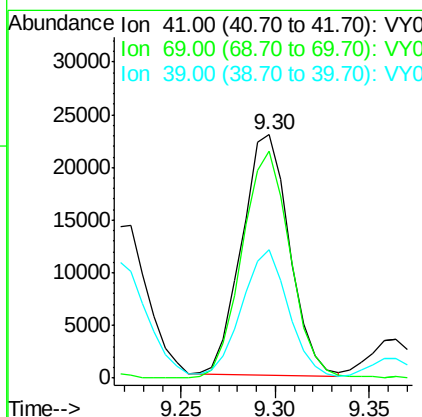
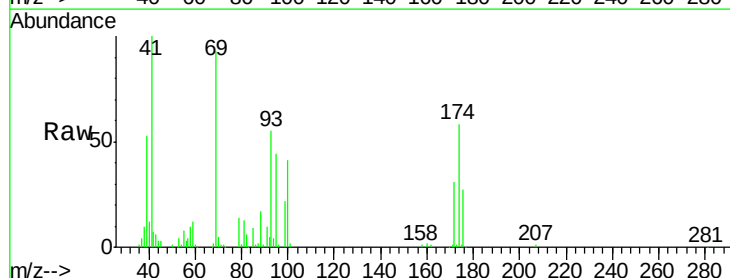
RT: 9.30 min Scan# 1240

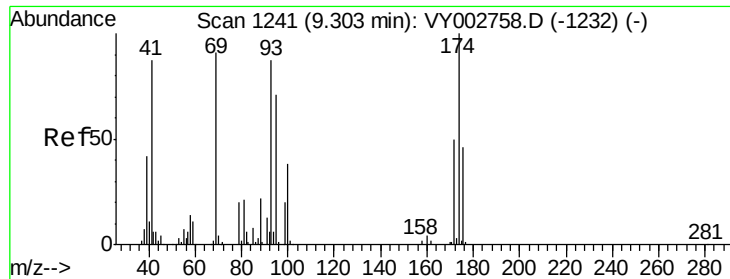
Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion:	41	Resp:	39906
Ion	Ratio	Lower	Upper
41	100		
69	95.8	79.7	119.5
39	53.1	43.3	64.9





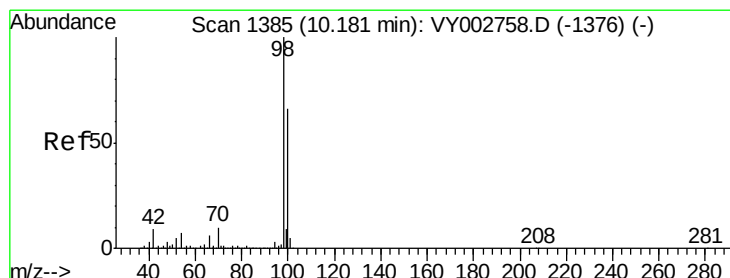
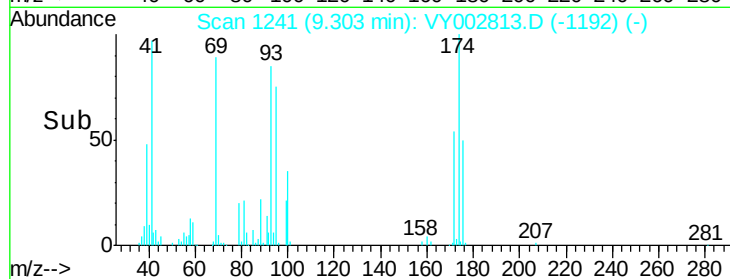
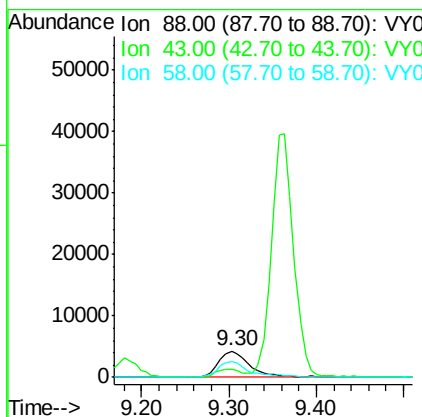
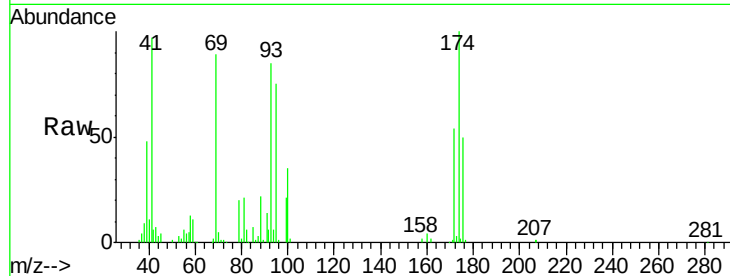
#49
1,4-Dioxane
Concen: 383.809 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	88	Resp	10780
Ion	Ratio	Lower	Upper
88	100		
43	26.7	21.3	31.9
58	62.1	52.2	78.2

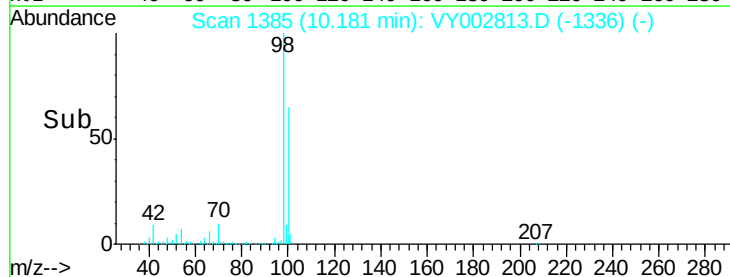
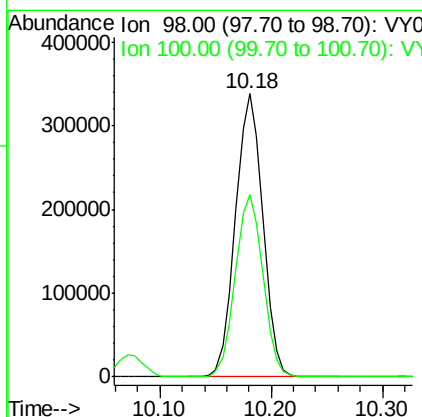
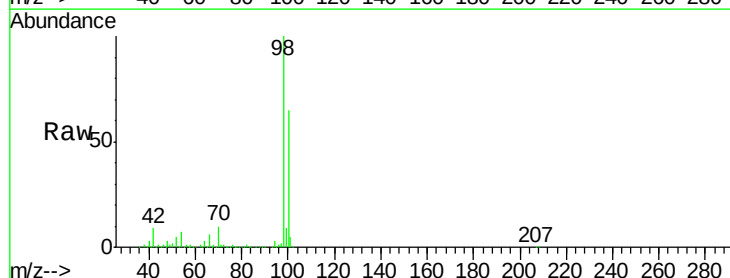
Manual Integrations
APPROVED

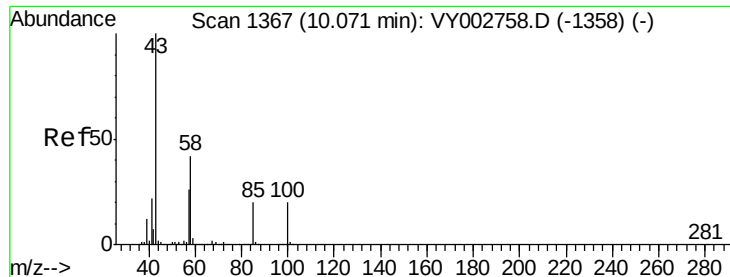
MMDadoda
6/3/2020 11:31:34 AM



#50
Toluene-d8
Concen: 47.103 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	98	Resp	575931
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





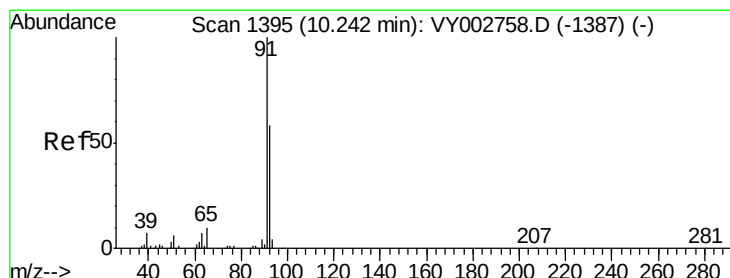
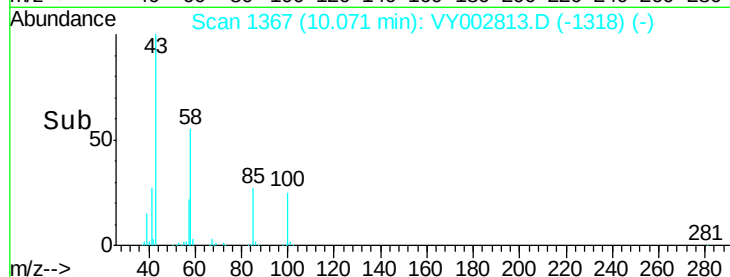
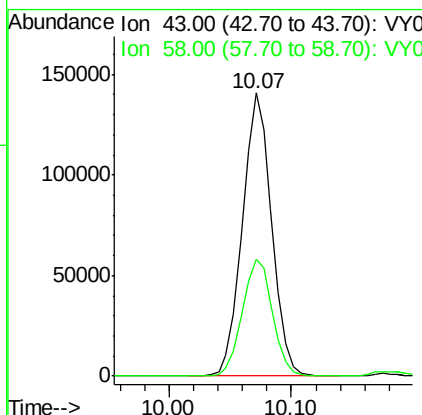
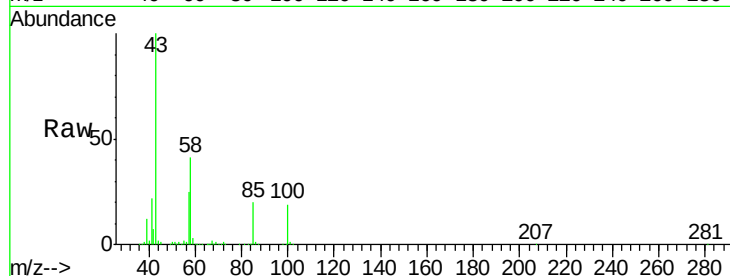
#51
4-Methyl-2-Pentanone
Concen: 98.165 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	43	Resp	232958
Ion Ratio	100	Lower	Upper
43	100		
58	42.7	34.2	51.2

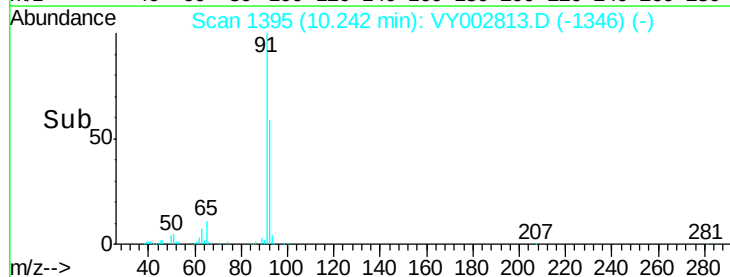
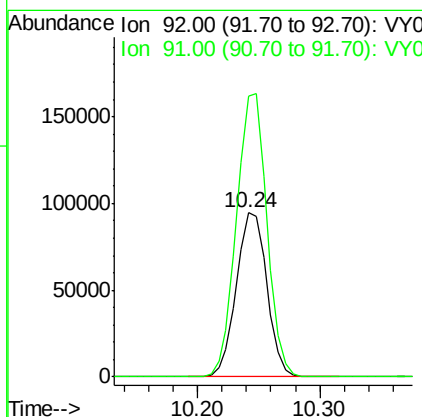
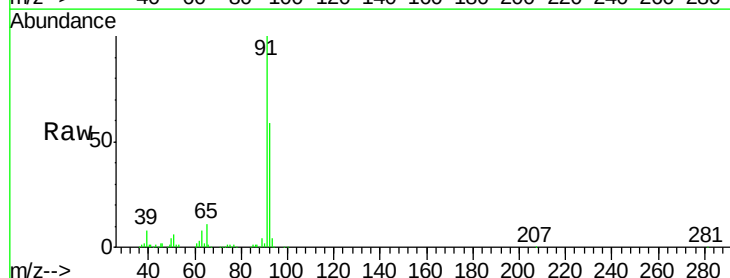
Manual Integrations
APPROVED

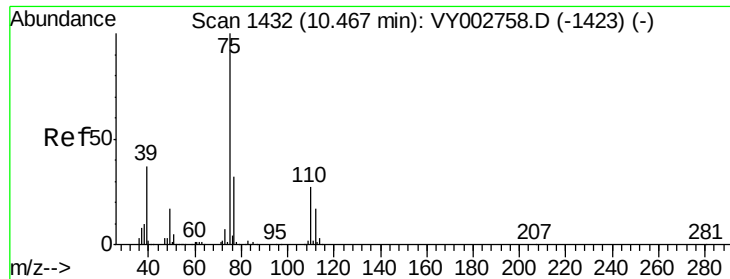
MMDadoda
6/3/2020 11:31:34 AM



#52
Toluene
Concen: 19.505 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	92	Resp	163881
Ion Ratio	100	Lower	Upper
92	100		
91	171.3	138.5	207.7





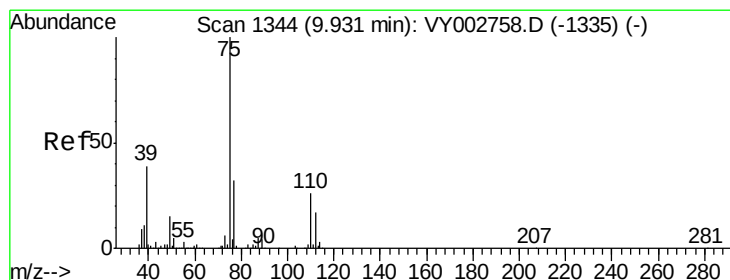
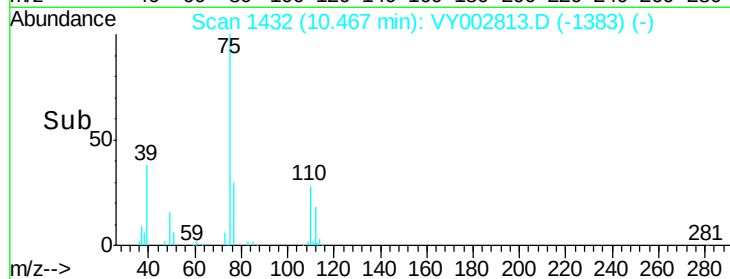
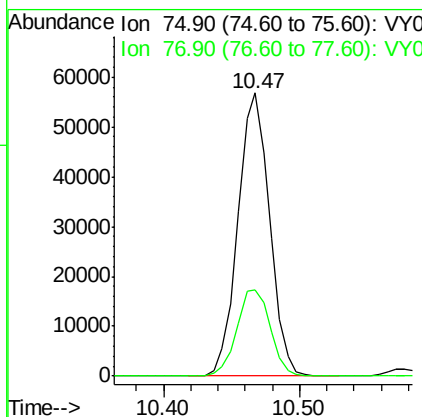
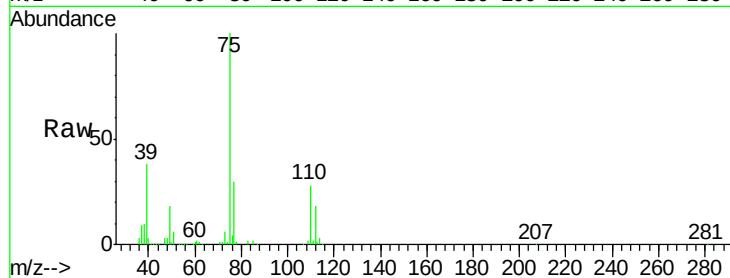
#53
t-1,3-Dichloropropene
Concen: 19.526 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.3	37.9

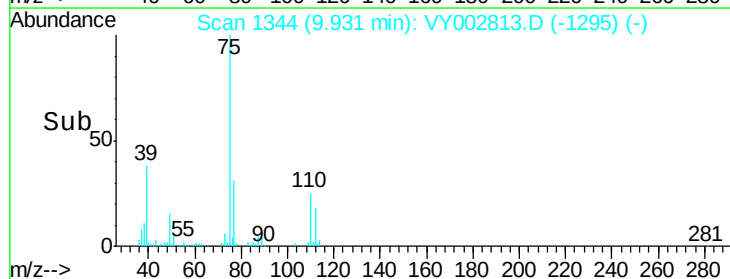
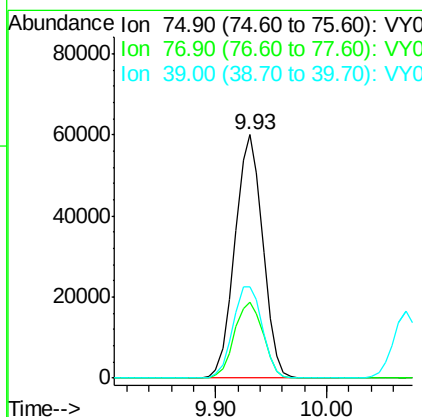
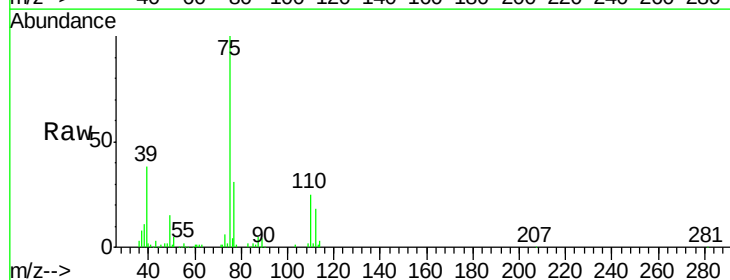
Manual Integrations
APPROVED

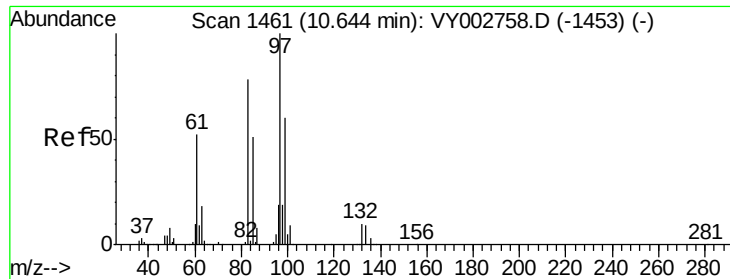
MMDadoda
6/3/2020 11:31:34 AM



#54
cis-1,3-Dichloropropene
Concen: 19.478 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.6	38.4
39	37.5	31.3	46.9





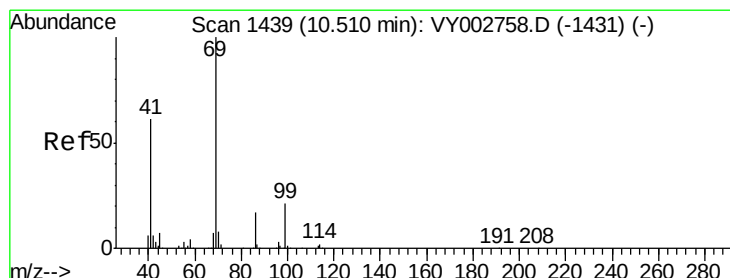
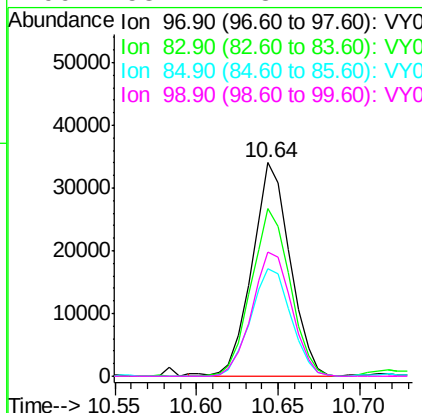
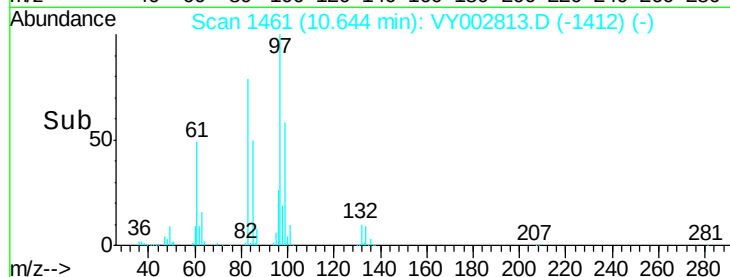
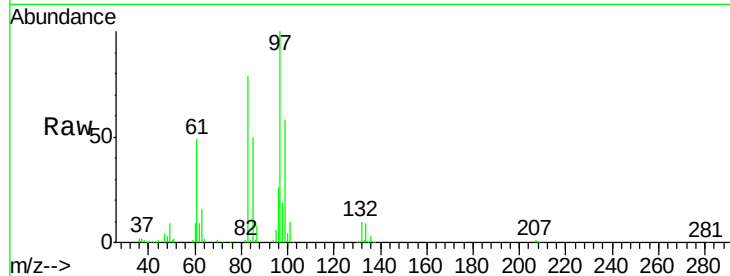
#55
 1,1,2-Trichloroethane
 Concen: 19.494 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		54591		
83	79.0	62.7	94.1		
85	50.6	40.6	60.8		
99	58.4	48.2	72.4		

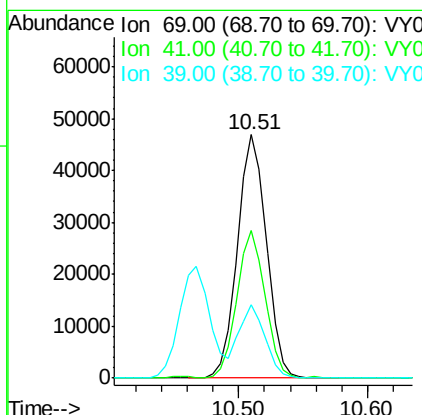
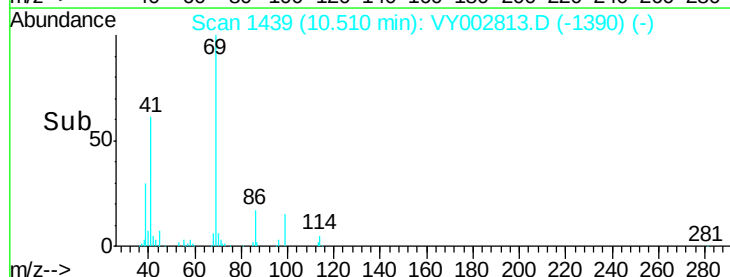
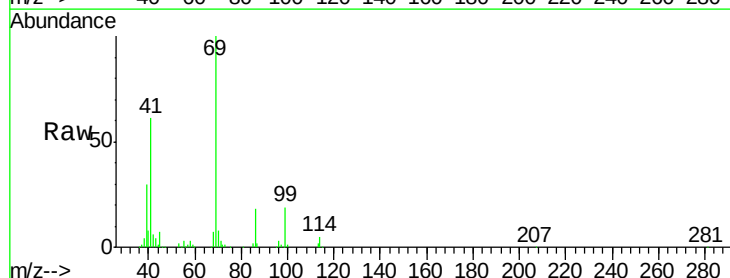
Manual Integrations
 APPROVED

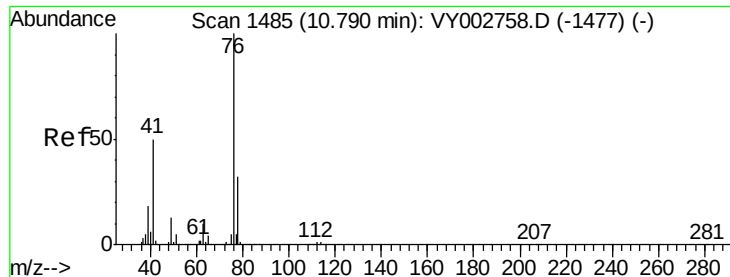
MMDadoda
 6/3/2020 11:31:34 AM



#56
 Ethyl methacrylate
 Concen: 19.474 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		73047		
41	58.5	47.0	70.4		
39	27.1	22.0	33.0		





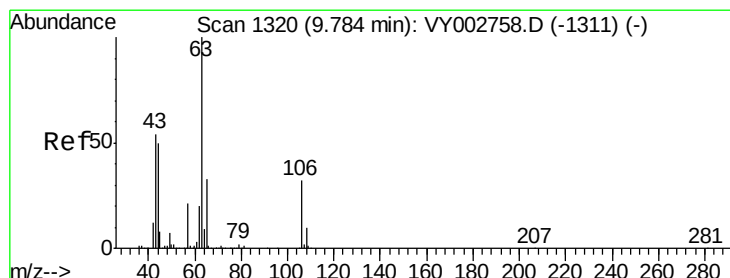
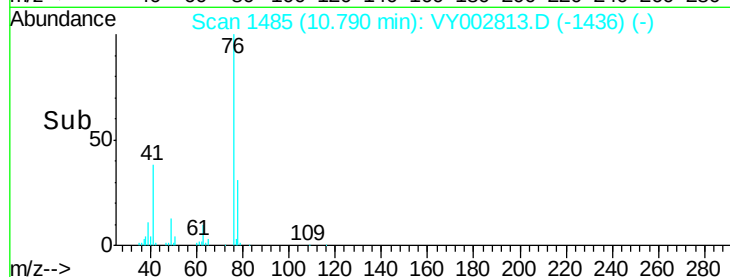
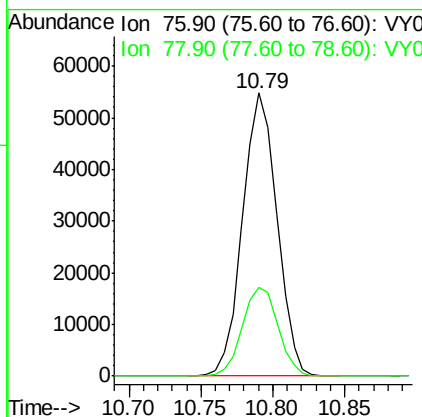
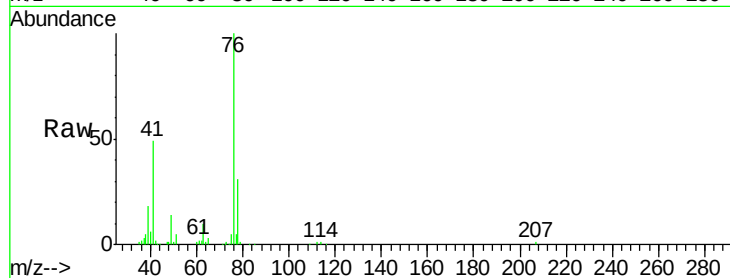
#57
 1,3-Dichloropropane
 Concen: 19.709 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1

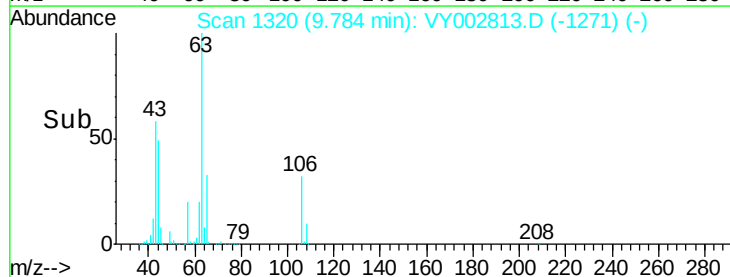
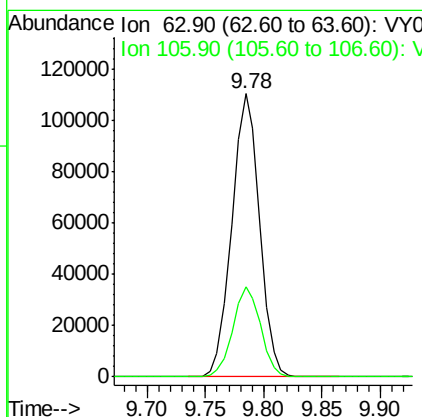
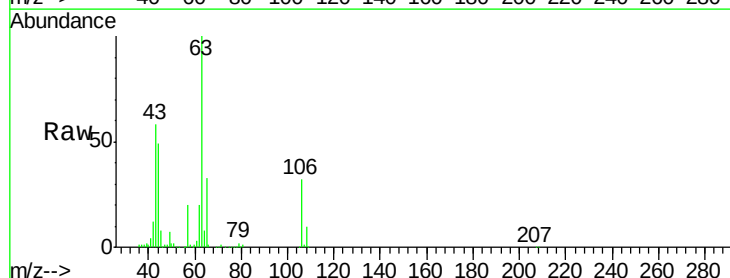
Manual Integrations
 APPROVED

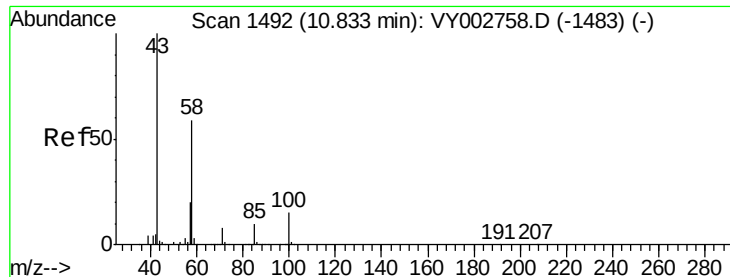
MMDadoda
 6/3/2020 11:31:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.415 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	25.4	38.2





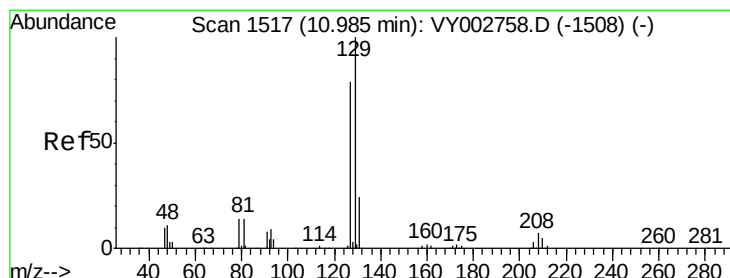
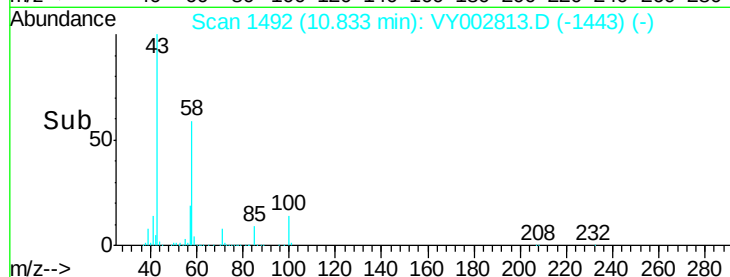
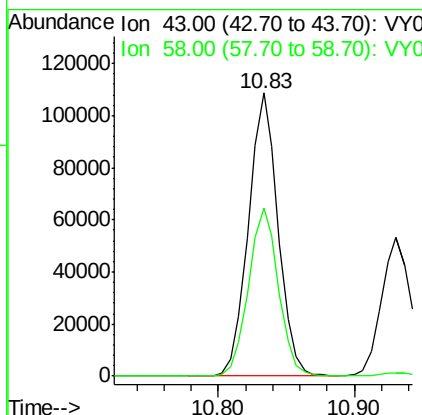
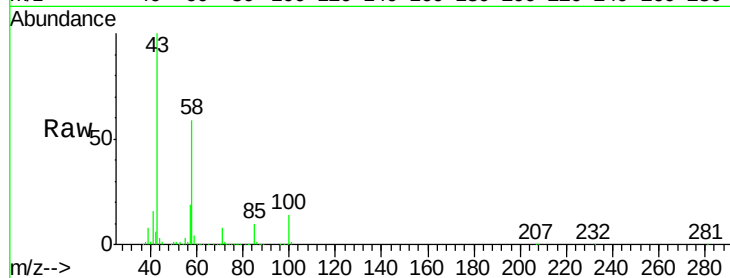
#59
2-Hexanone
Concen: 98.473 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.9	29.5	88.5

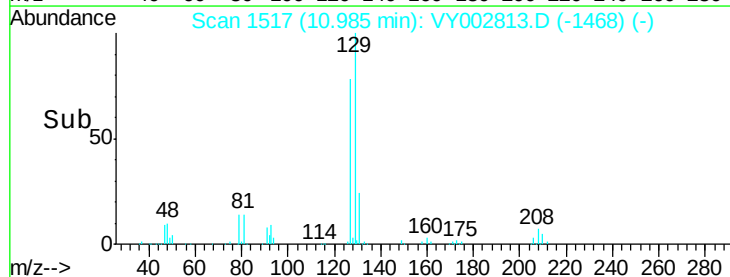
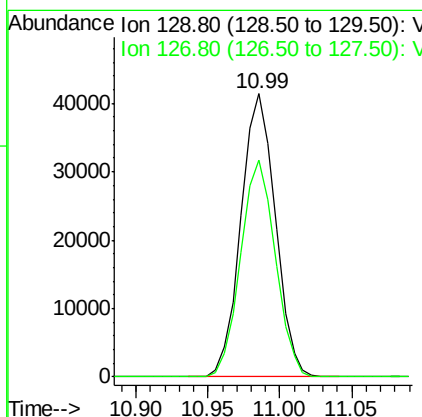
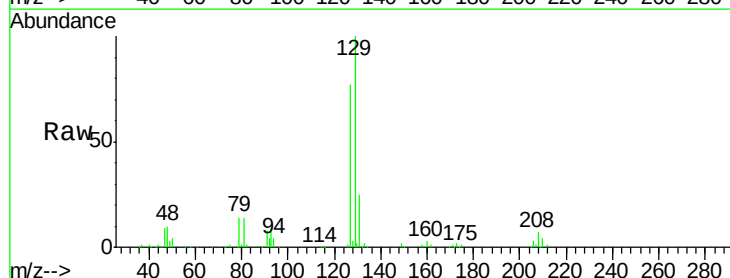
Manual Integrations
APPROVED

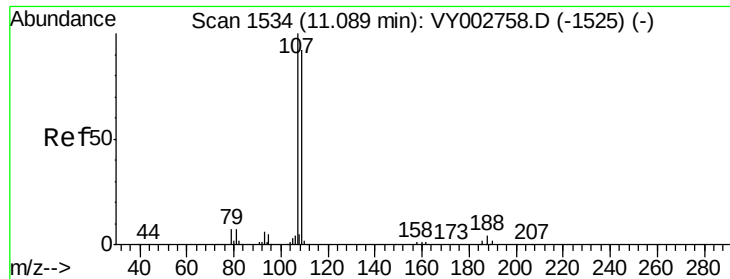
MMDadoda
6/3/2020 11:31:34 AM



#60
Dibromochloromethane
Concen: 19.325 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.3





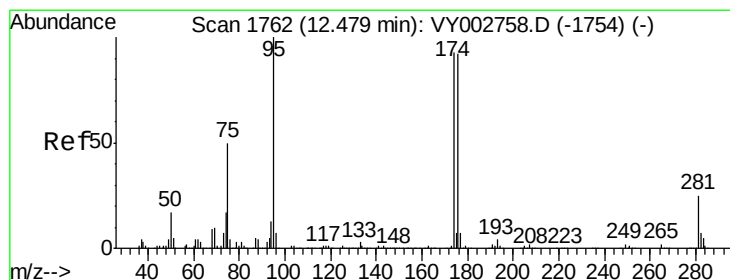
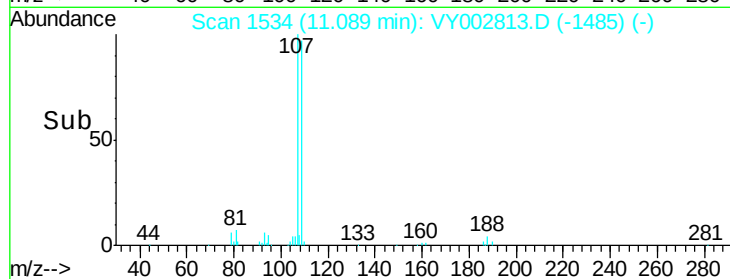
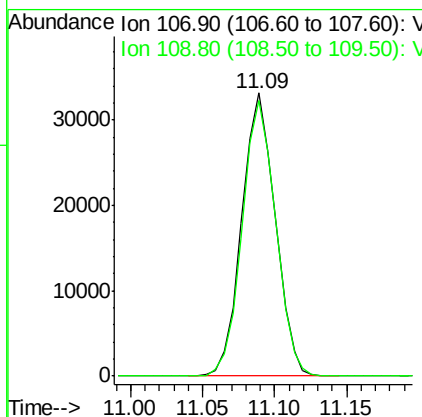
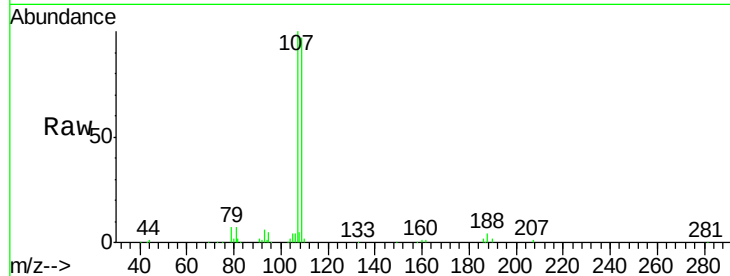
#61
 1,2-Dibromoethane
 Concen: 19.311 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion: 107 Resp: 53348
 Ion Ratio Lower Upper
 107 100
 109 97.1 75.6 113.4

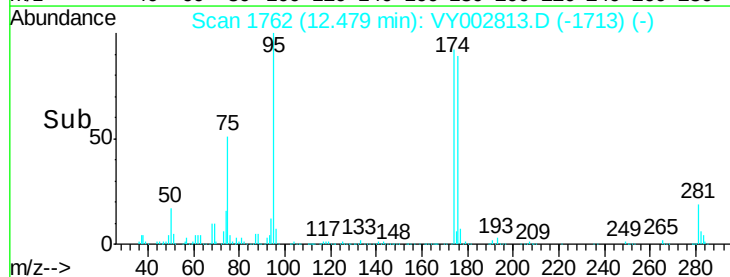
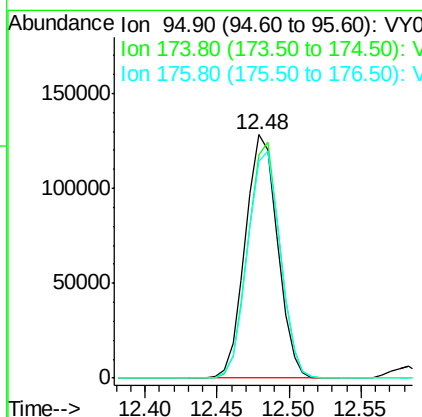
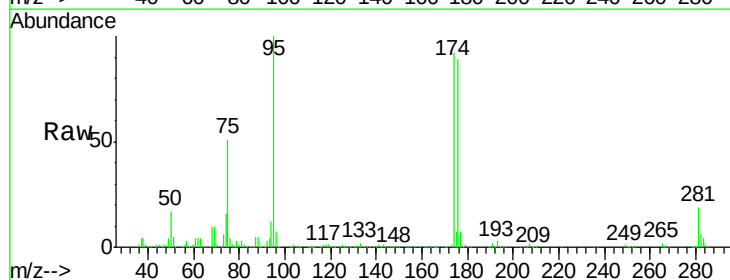
Manual Integrations
 APPROVED

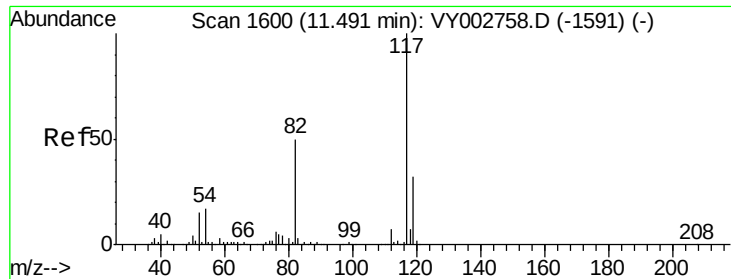
MMDadoda
 6/3/2020 11:31:34 AM



#62
 4-Bromofluorobenzene
 Concen: 47.598 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion: 95 Resp: 198894
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 191.2
 176 94.0 0.0 188.8





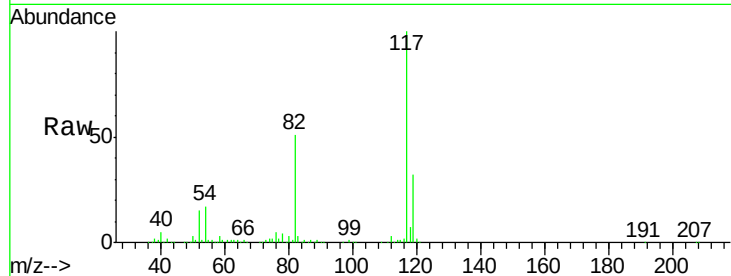
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	475777		
82	51.0		40.2	60.4
119	32.2		25.8	38.8

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM

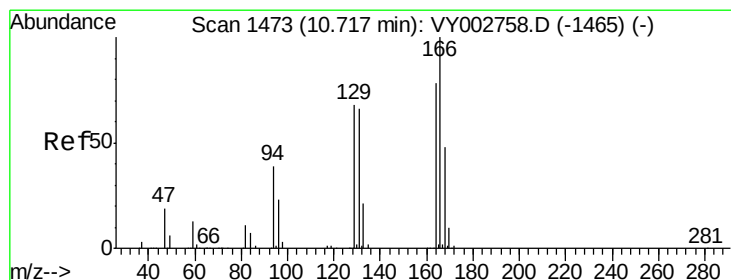
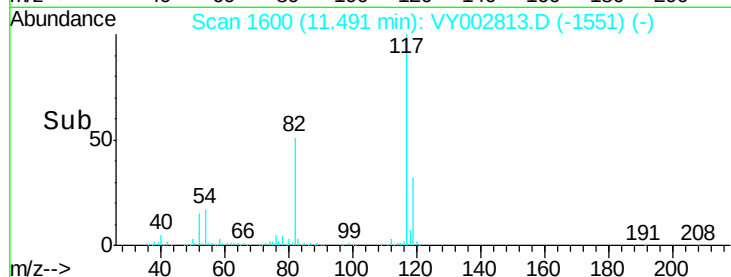
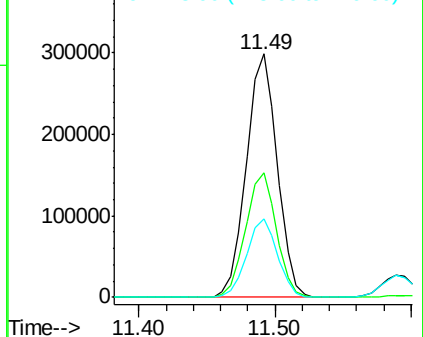


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.782 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81214		
166	132.1		102.3	153.5
129	87.9		69.4	104.2
131	89.0		67.8	101.6

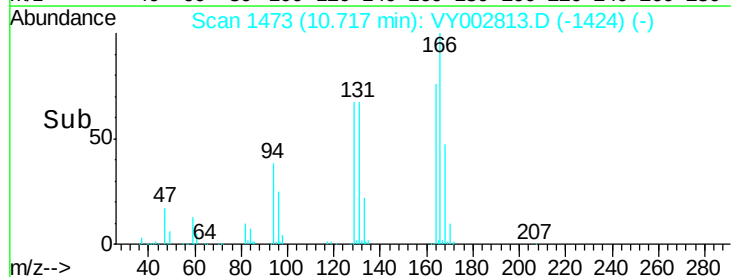
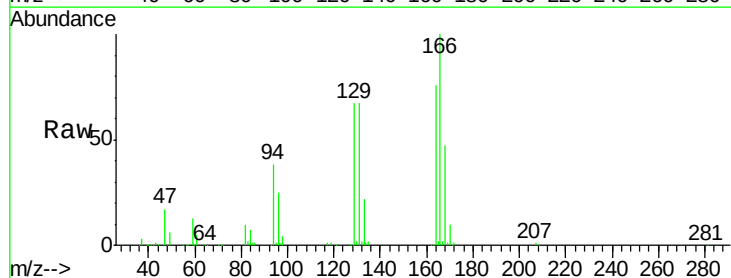
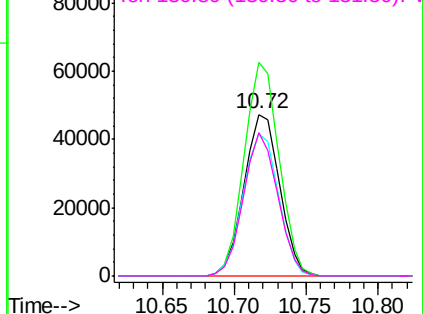
Abundance

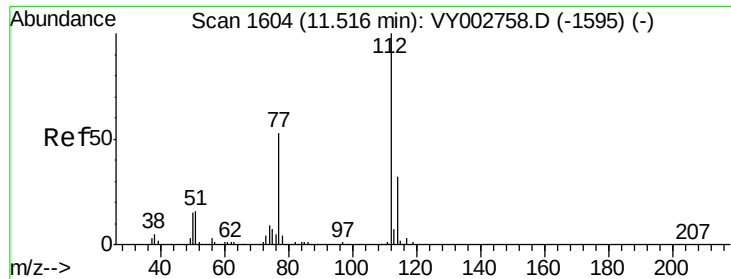
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.529 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion:112 Resp: 183649

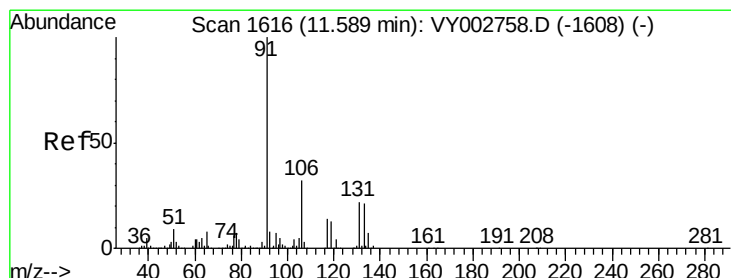
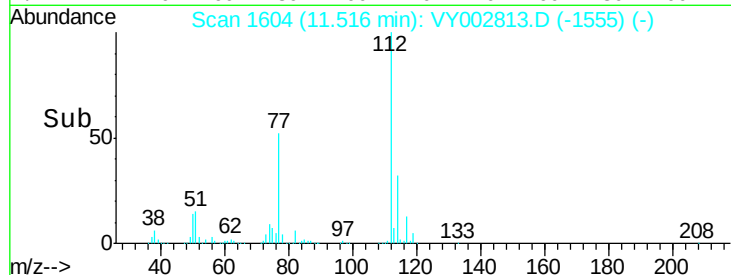
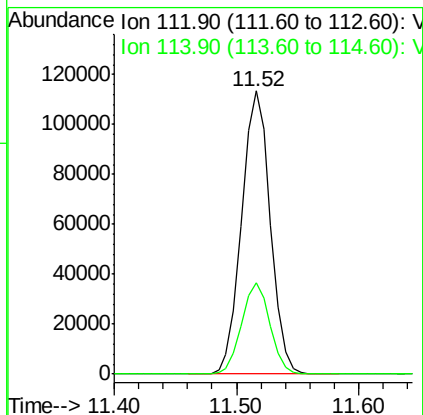
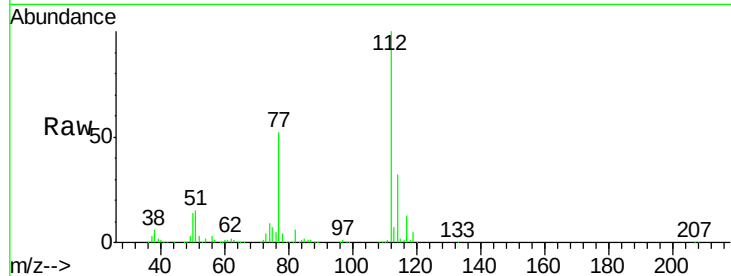
Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.320 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

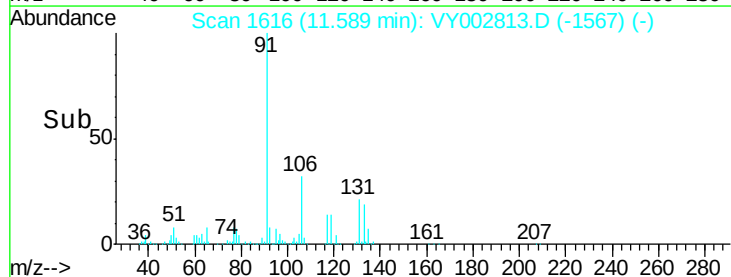
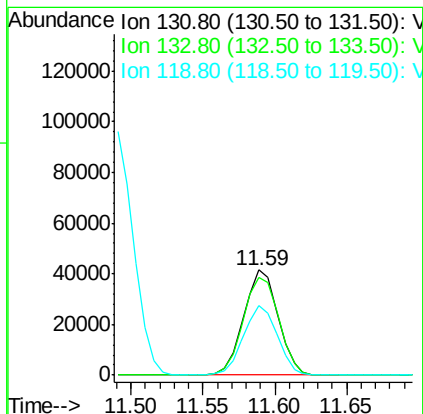
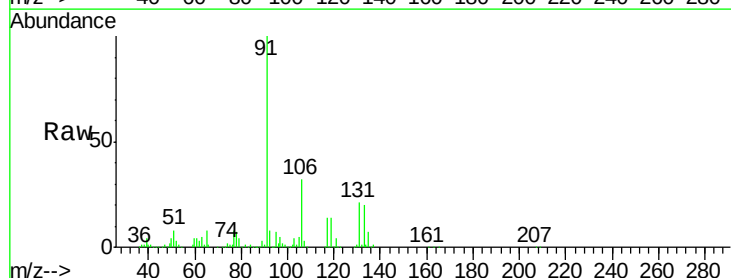
Tgt Ion:131 Resp: 68425

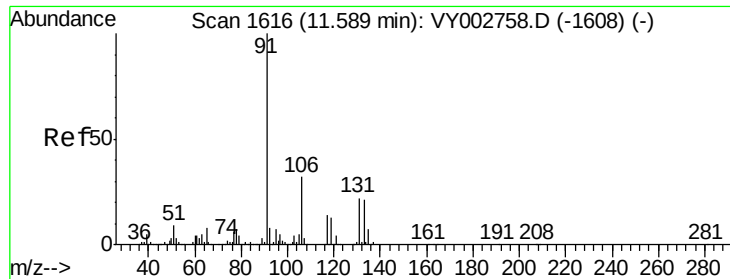
Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.8

119 65.5 31.7 95.1





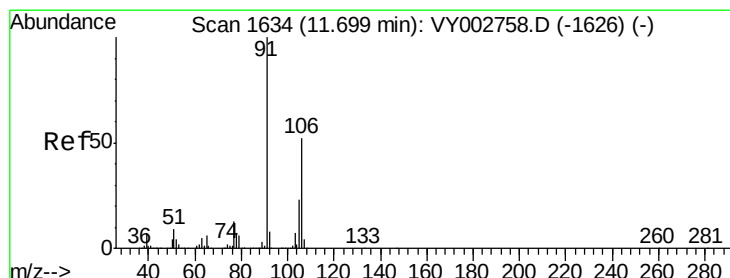
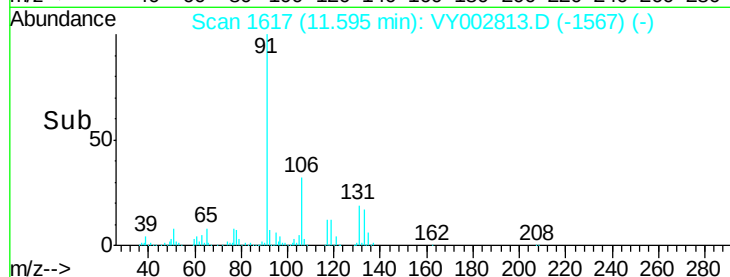
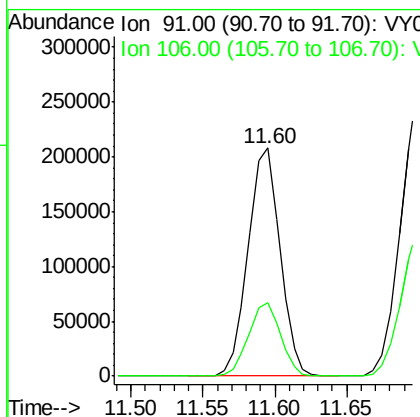
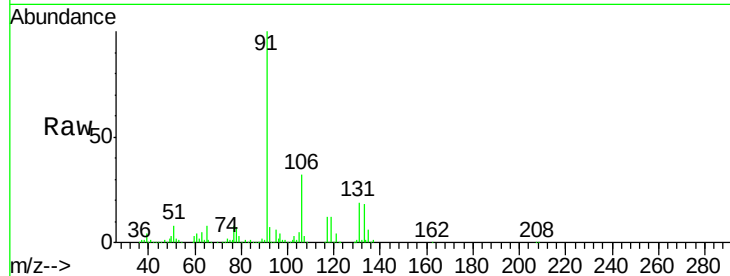
#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.7	38.5

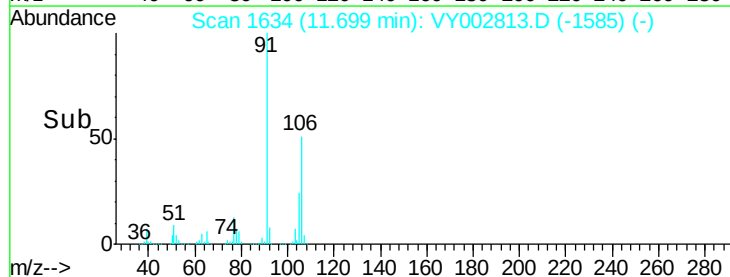
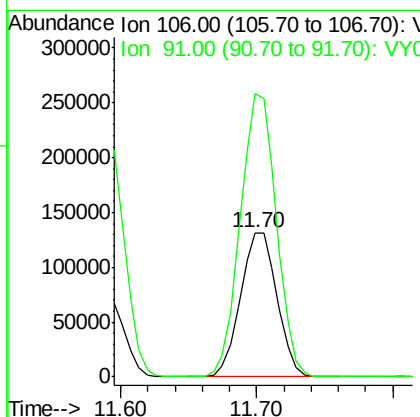
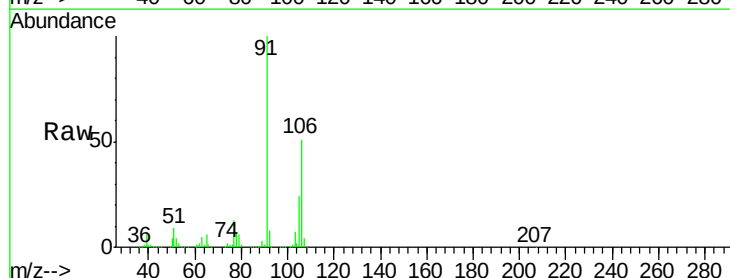
Manual Integrations
APPROVED

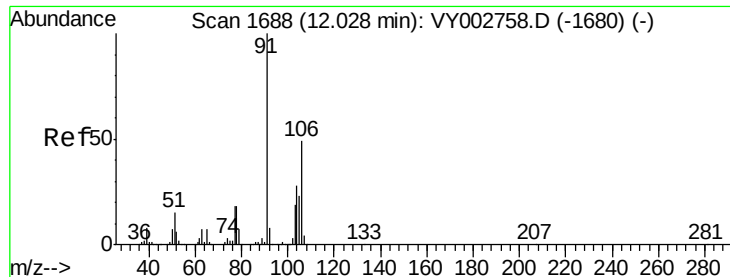
MMDadoda
6/3/2020 11:31:34 AM



#68
m/p-Xylenes
Concen: 38.959 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.5	156.0	234.0





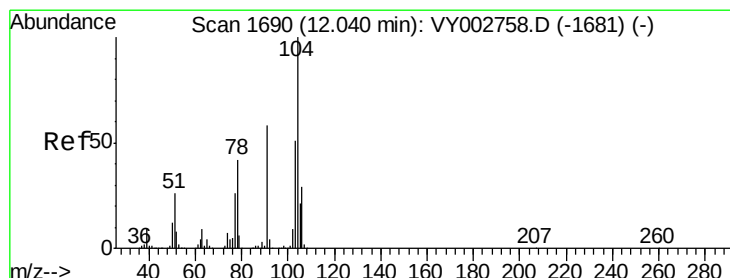
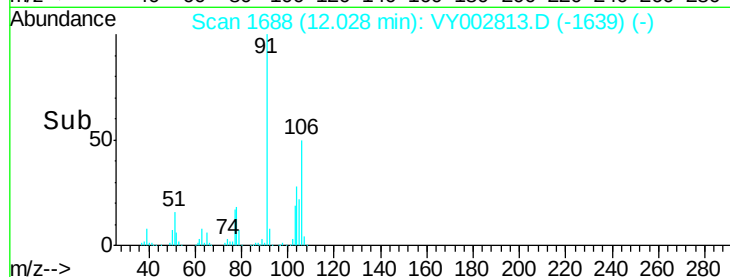
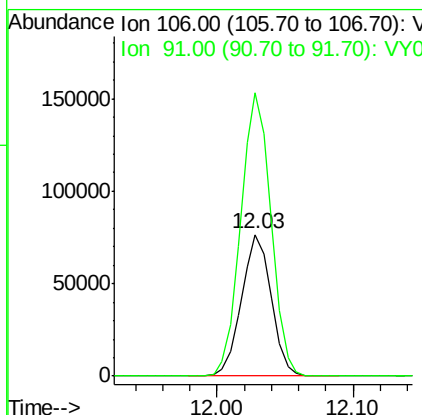
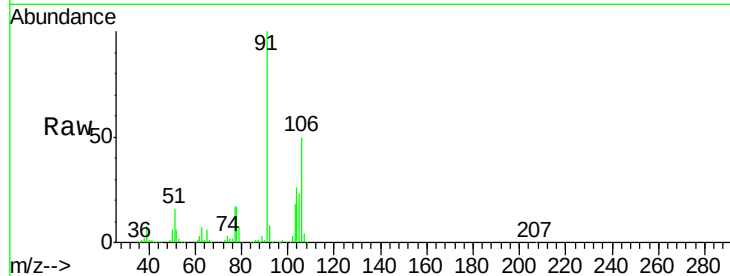
#69
o-Xylene
Concen: 19.565 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	203.5	102.4	307.1

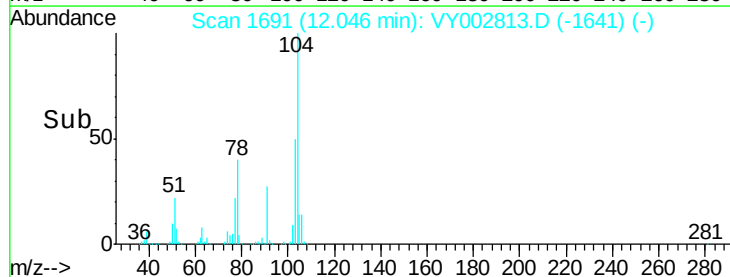
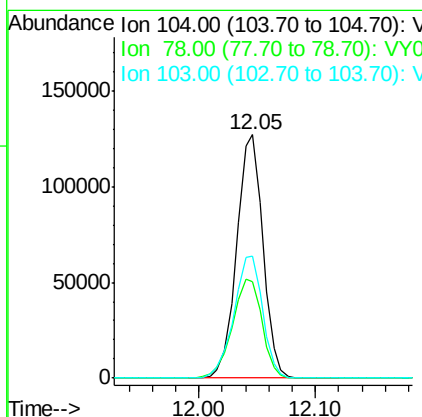
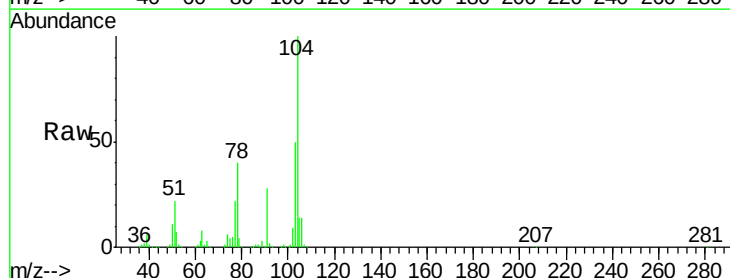
Manual Integrations
APPROVED

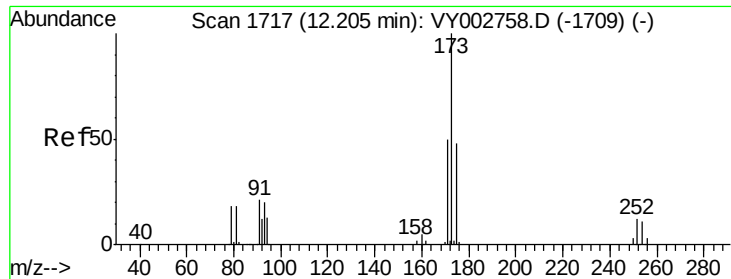
MMDadoda
6/3/2020 11:31:34 AM



#70
Styrene
Concen: 19.333 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.8	36.2	54.4
103	103	54.9	43.6	65.4





#71

Bromoform

Concen: 19.755 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion:173 Resp: 46815

Ion Ratio Lower Upper

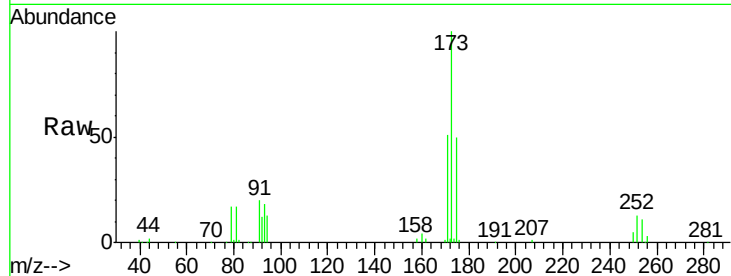
173 100

175 48.8 24.3 72.8

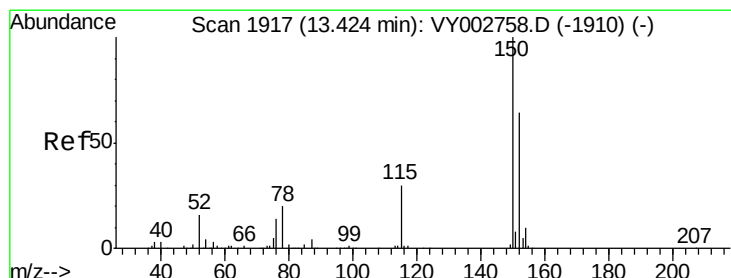
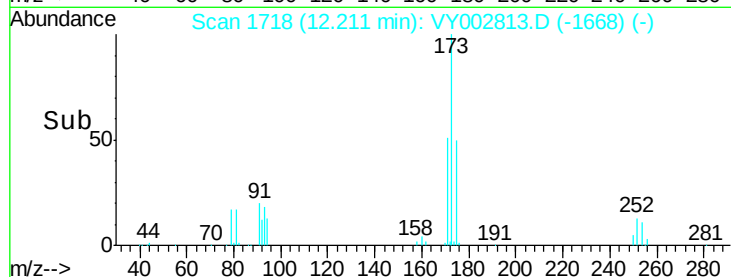
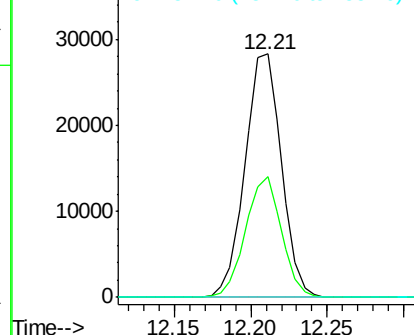
254 0.1 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

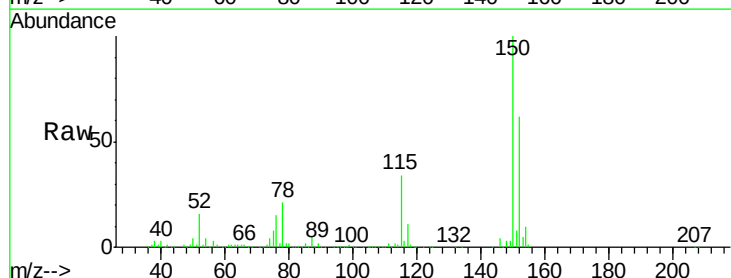
Tgt Ion:152 Resp: 254492

Ion Ratio Lower Upper

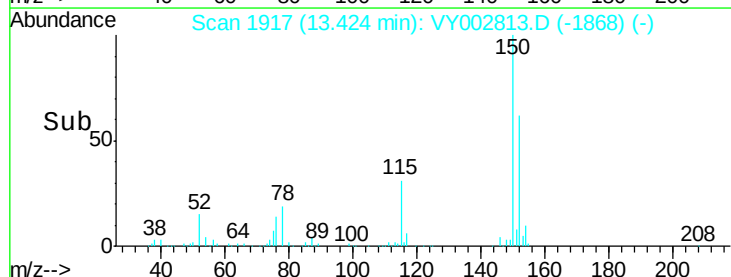
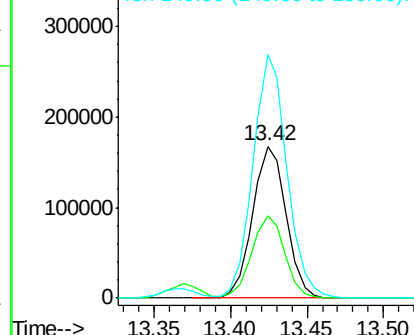
152 100

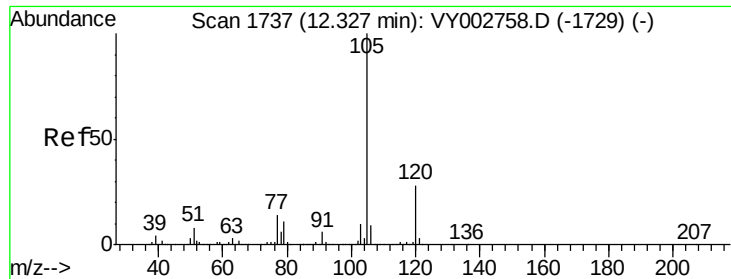
115 53.6 27.0 81.0

150 163.2 0.0 344.8



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: 19.543 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion:105 Resp: 318718

Ion Ratio Lower Upper

105 100

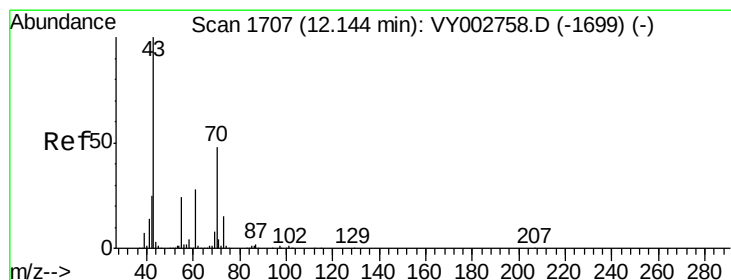
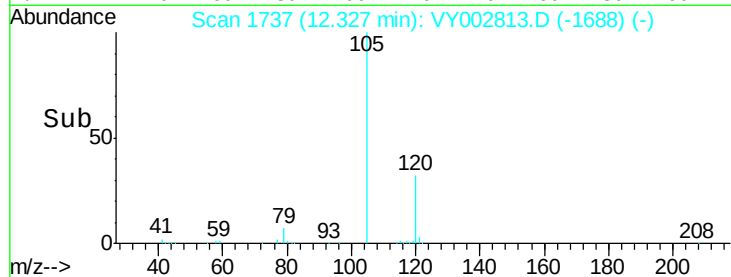
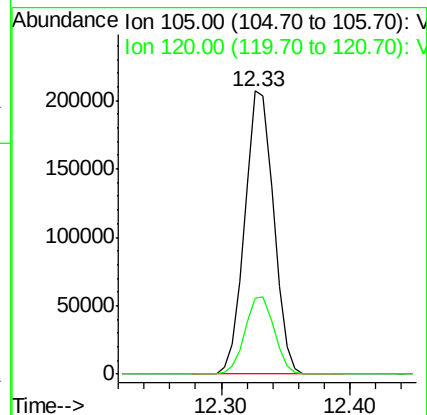
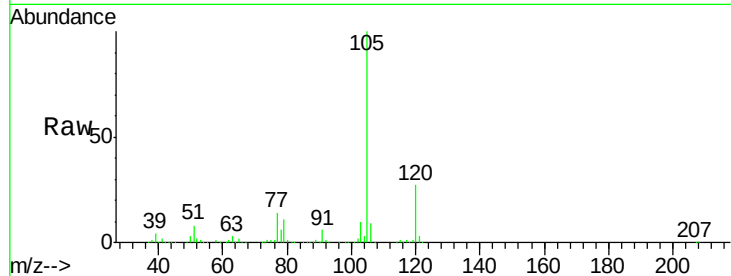
120 27.6 13.7 41.1

Manual Integrations

APPROVED

MMDadoda

6/3/2020 11:31:34 AM



#74

N-ethyl acetate

Concen: 19.891 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion: 43 Resp: 83237

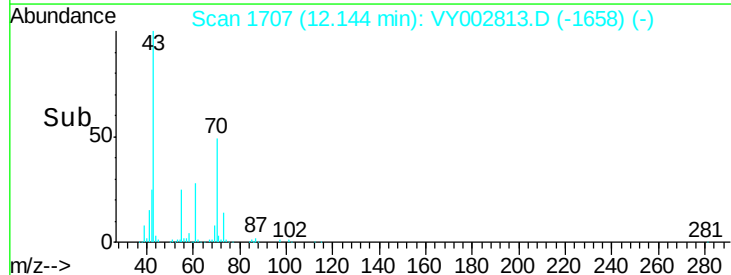
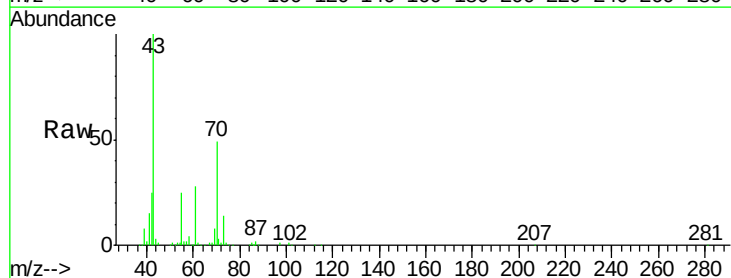
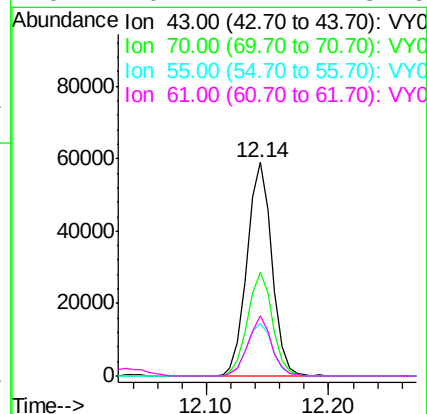
Ion Ratio Lower Upper

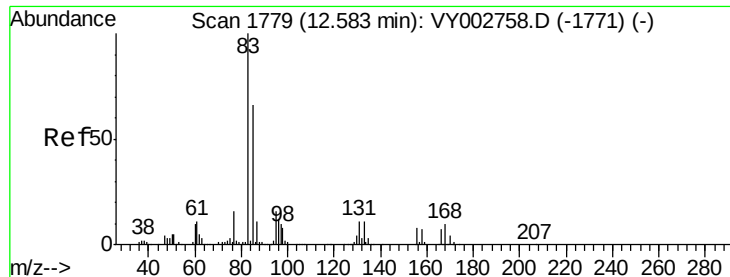
43 100

70 48.5 37.7 56.5

55 25.4 19.8 29.6

61 26.7 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.412 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

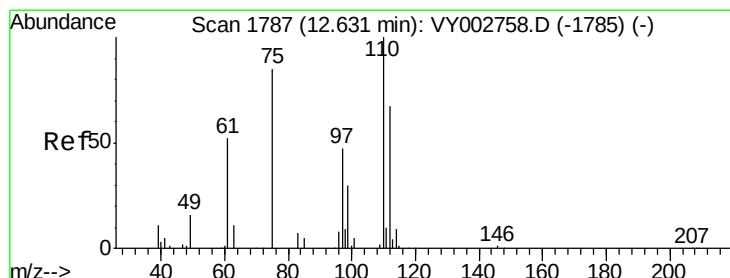
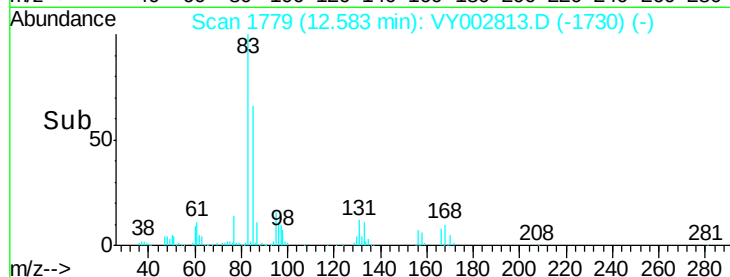
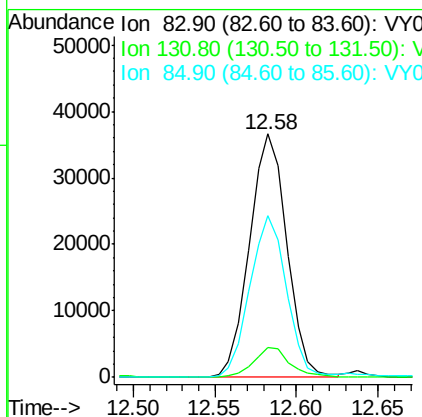
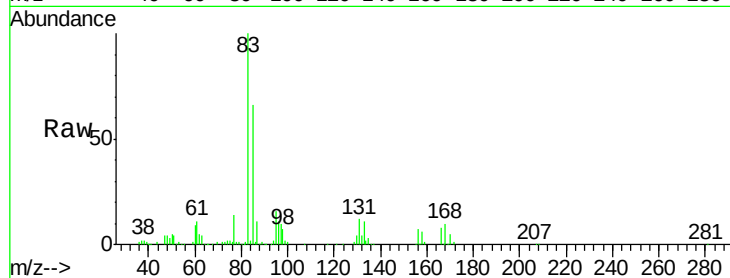
ClientSampleId :

VY0602SBS01

Tot Ion:	83	Resp:	58408
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.8	17.4
85	65.0	32.6	98.0

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#76

1,2,3-Trichloropropane

Concen: 20.393 ug/l m

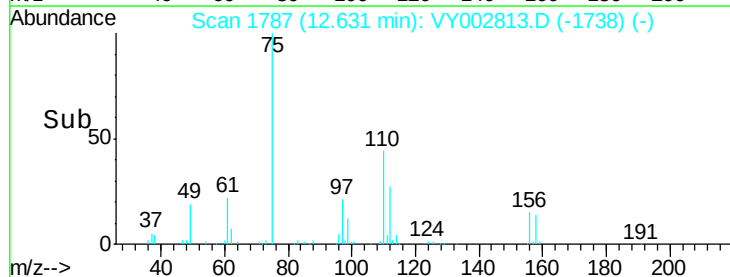
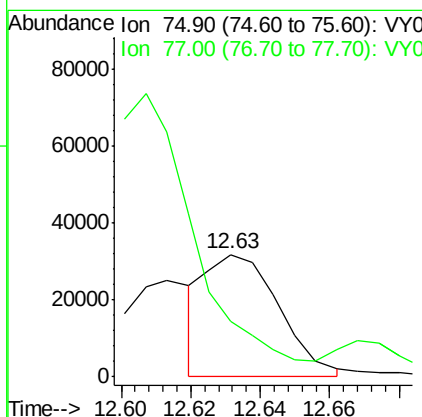
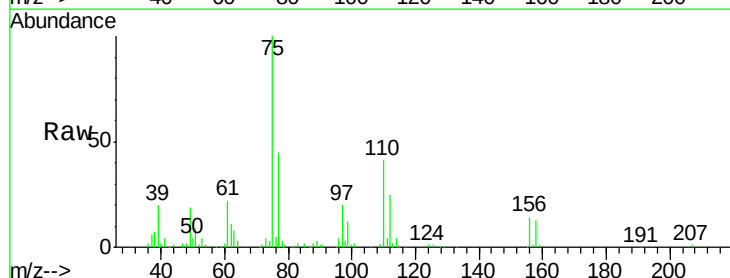
RT: 12.63 min Scan# 1787

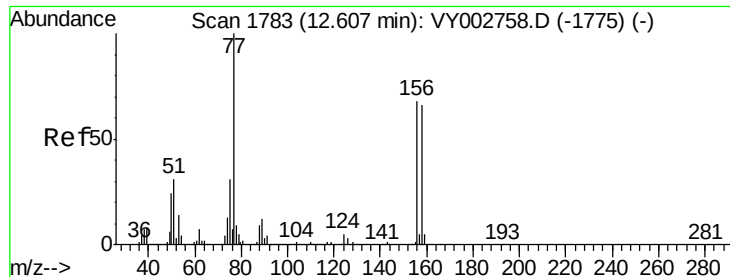
Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion:	75	Resp:	46764
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.149 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

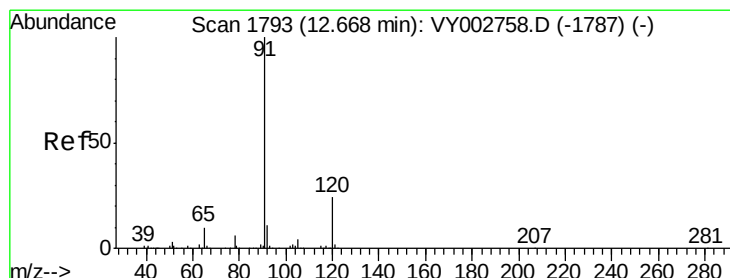
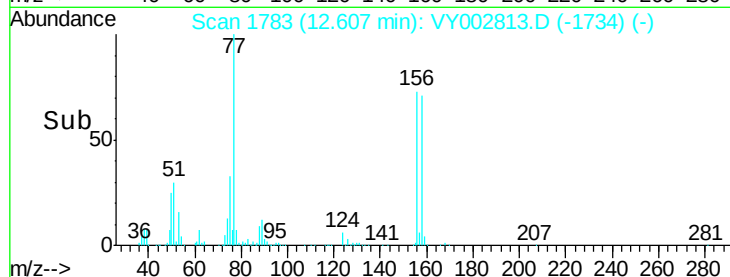
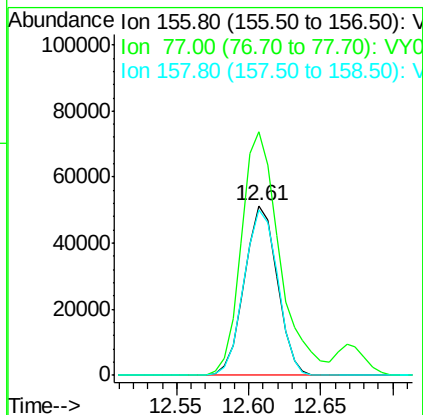
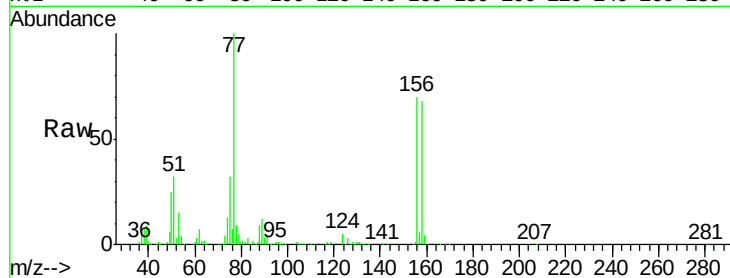
ClientSampleId :

VY0602SBS01

Tot Ion:	156	Resp:	81320
Ion	Ratio	Lower	Upper
156	100		
77	168.2	81.4	244.2
158	99.3	48.5	145.6

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#78

n-propylbenzene

Concen: 19.712 ug/l

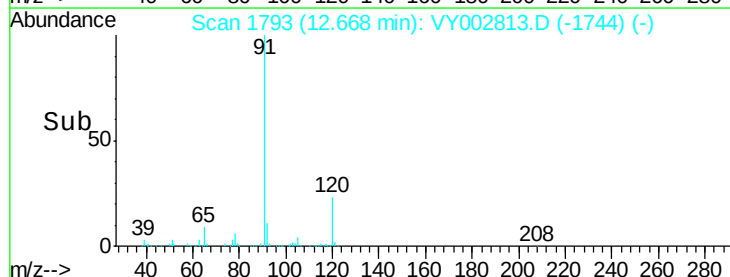
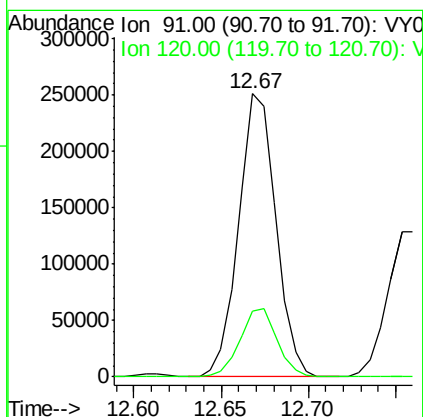
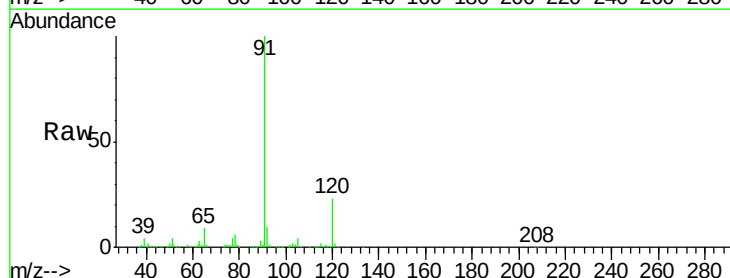
RT: 12.67 min Scan# 1793

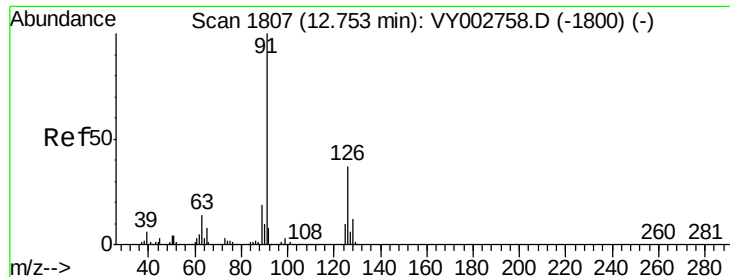
Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion:	91	Resp:	371339
Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.3	36.9





#79

2-Chlorotoluene

Concen: 19.403 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion: 91 Resp: 205039

Ion Ratio Lower Upper

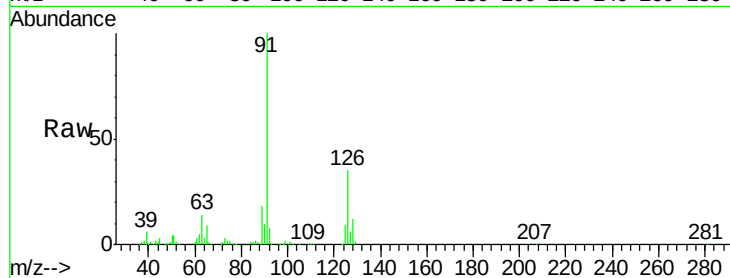
91 100

126 37.4 18.4 55.4

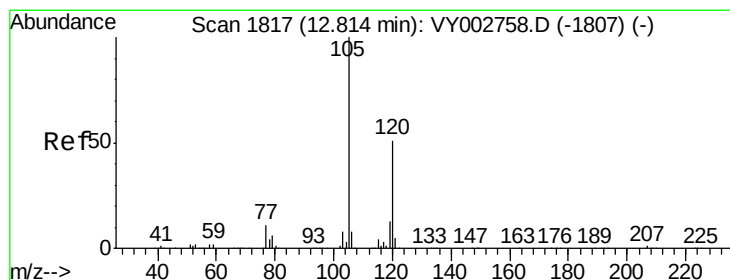
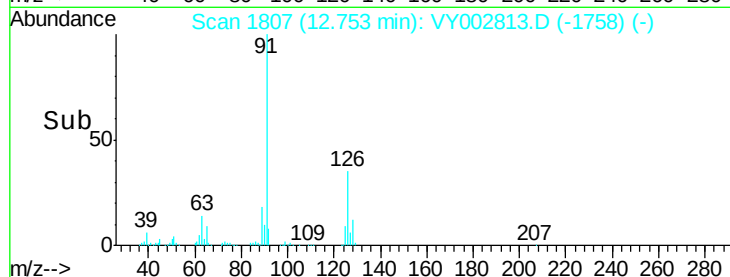
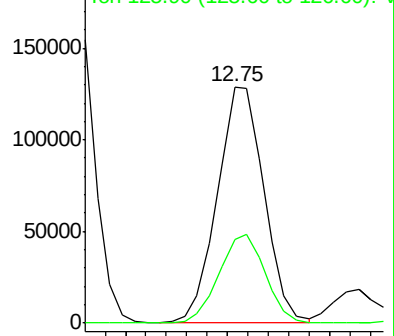
Manual Integrations
APPROVED

MMDadoda

6/3/2020 11:31:34 AM



Abundance Ion 91.00 (90.70 to 91.70): VY002813.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.572 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002813.D

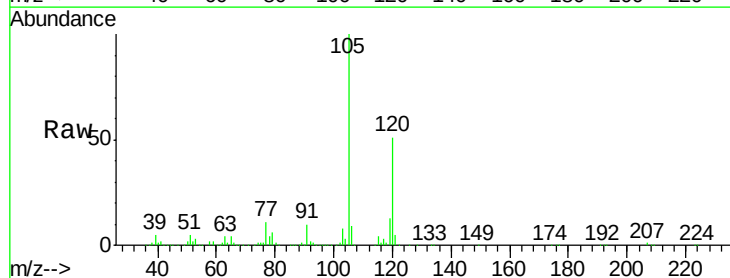
Acq: 02 Jun 2020 11:37

Tgt Ion: 105 Resp: 266512

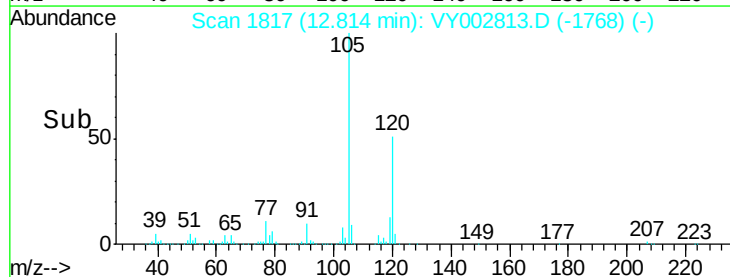
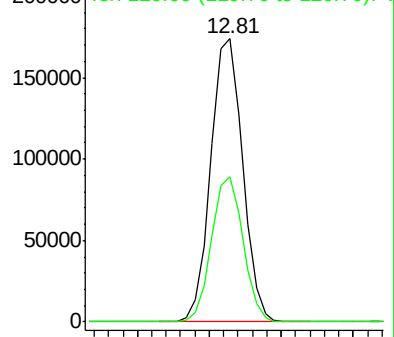
Ion Ratio Lower Upper

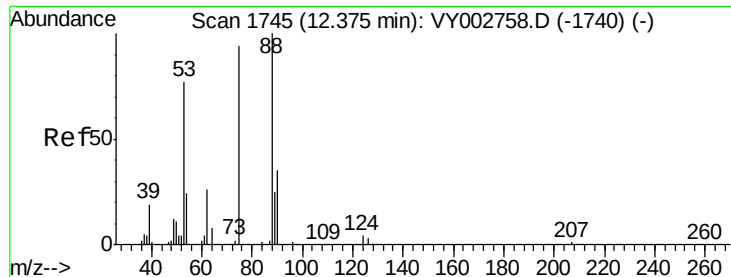
105 100

120 50.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002813.D (-1768) (-)





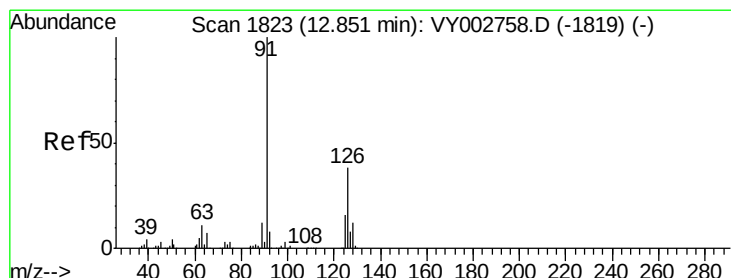
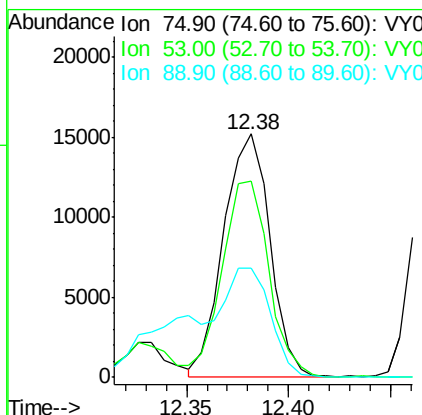
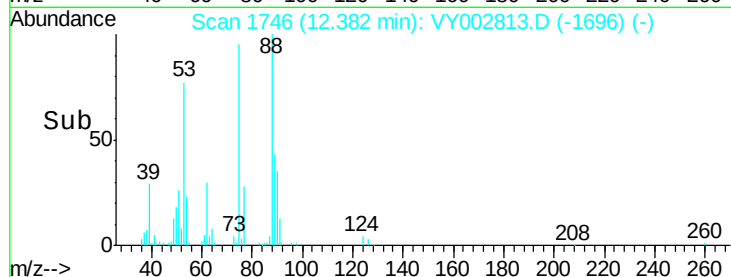
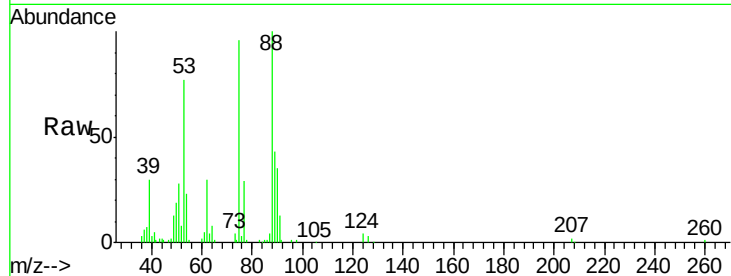
#81
trans-1,4-Dichloro-2-butene
Concen: 19.689 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.2	64.0	96.0
89	48.2	37.4	56.2

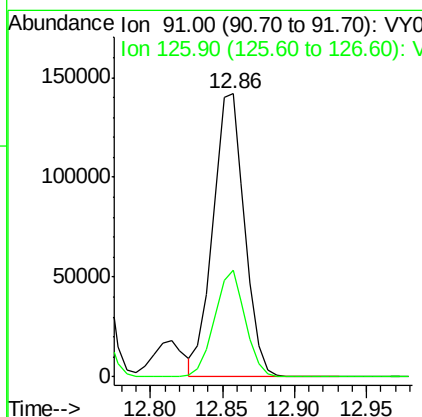
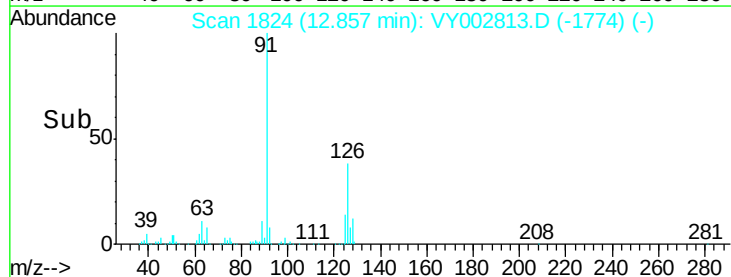
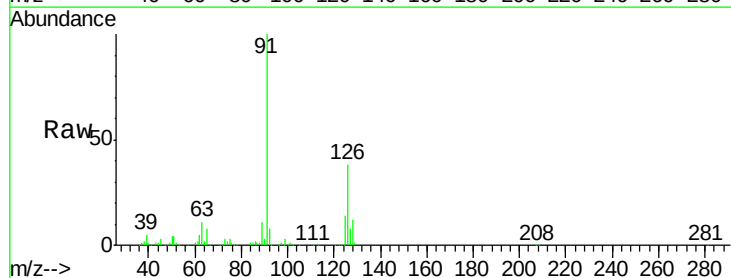
Manual Integrations
APPROVED

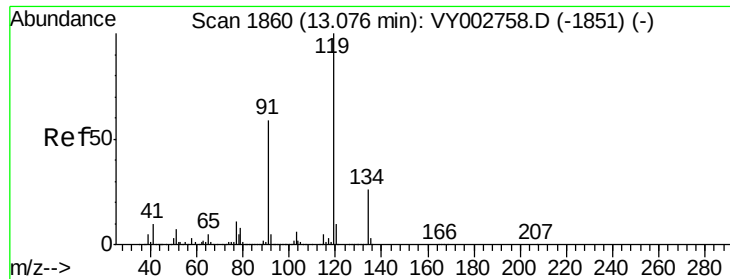
MMDadoda
6/3/2020 11:31:34 AM



#82
4-Chlorotoluene
Concen: 19.628 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.5	55.5





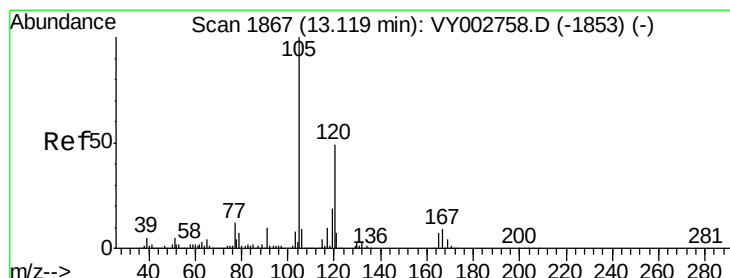
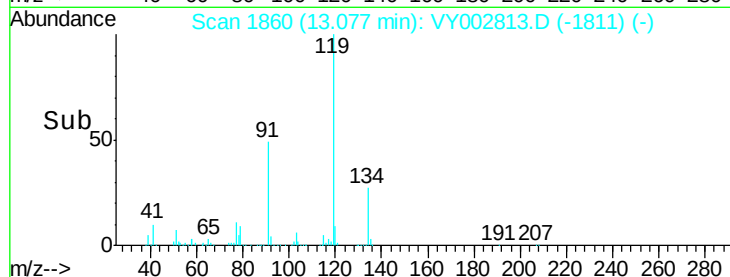
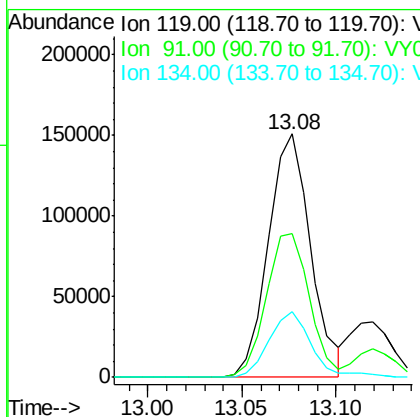
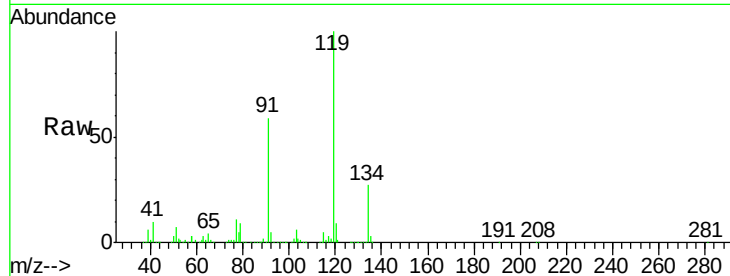
#83
tert-Butylbenzene
Concen: 19.389 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	235512		
91	60.1	29.8	89.4	
134	27.2	13.3	39.8	

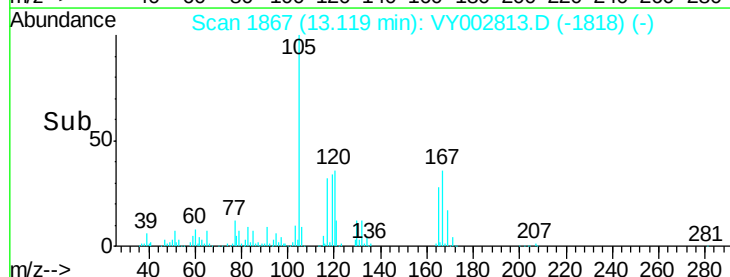
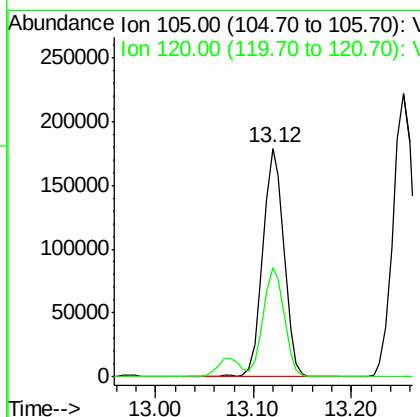
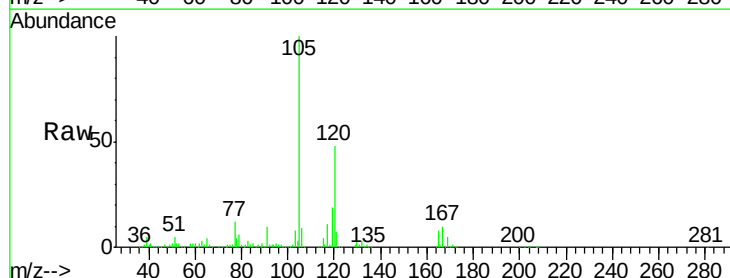
Manual Integrations
APPROVED

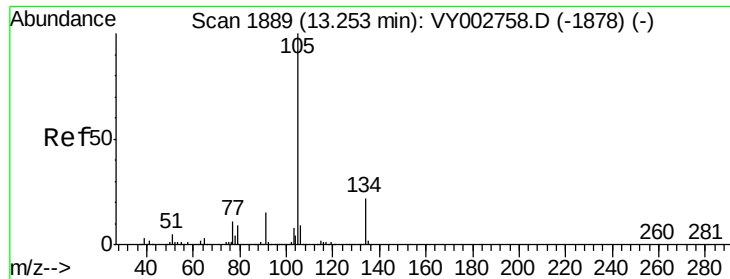
MMDadoda
6/3/2020 11:31:34 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.547 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267647		
120	47.3	23.6	70.8	





#85

sec-Butylbenzene

Concen: 19.634 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

Tot Ion:105 Resp: 326083

Ion Ratio Lower Upper

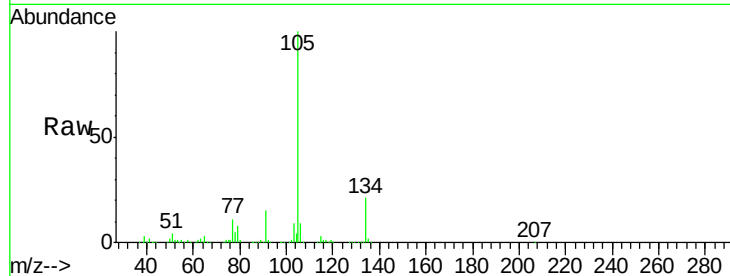
105 100

134 21.2 10.8 32.4

Manual Integrations
APPROVED

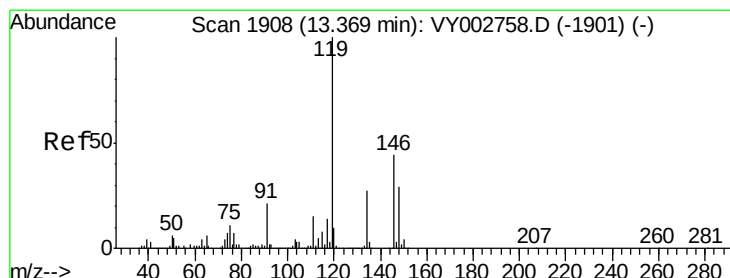
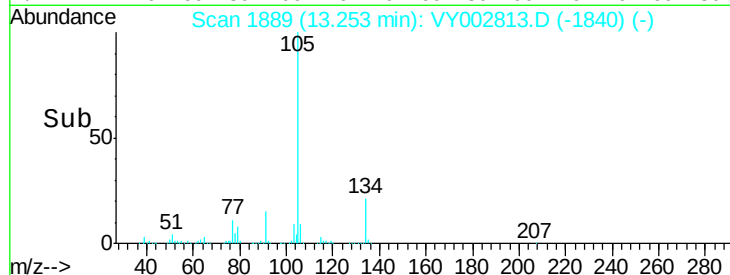
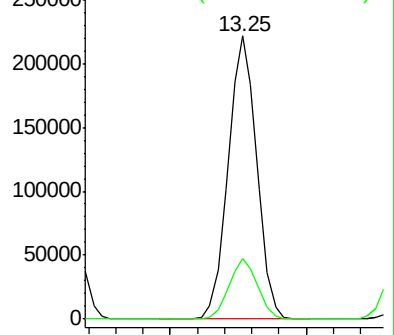
MMDadoda

6/3/2020 11:31:34 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.979 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

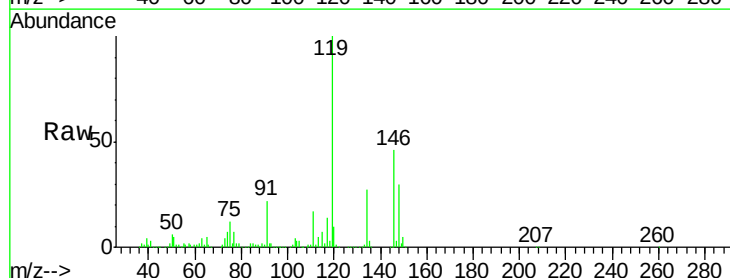
Tgt Ion:119 Resp: 308751

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

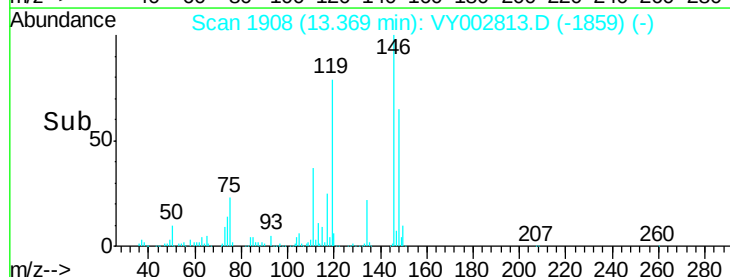
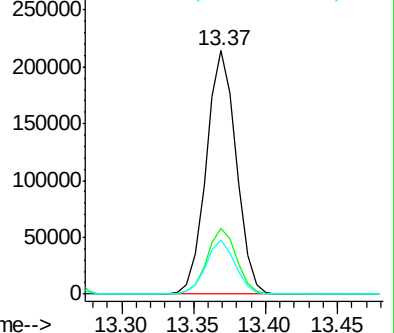
91 21.4 10.8 32.4

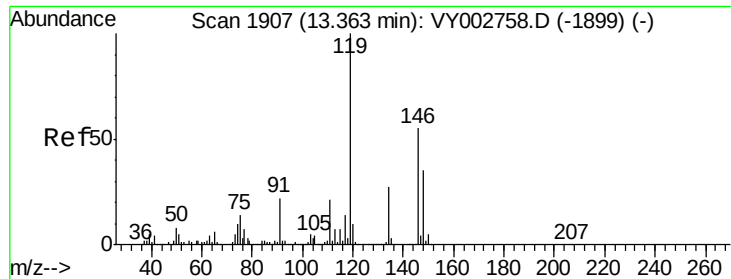


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





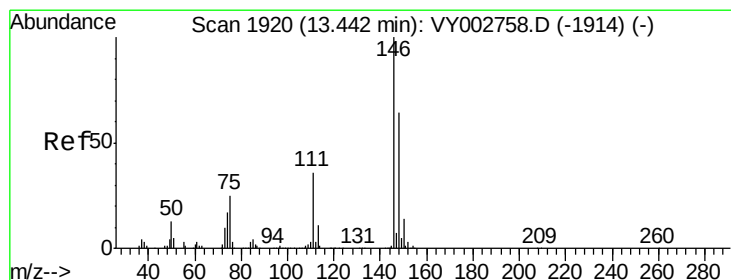
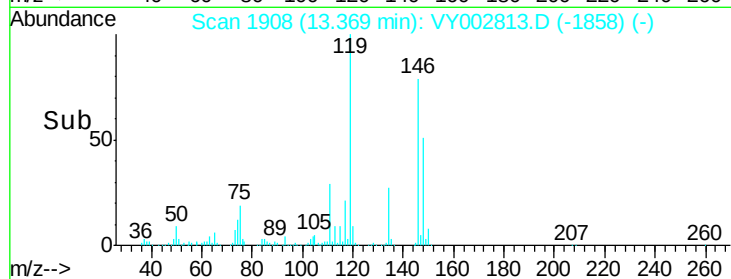
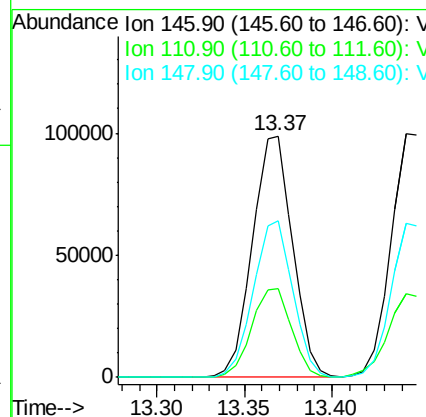
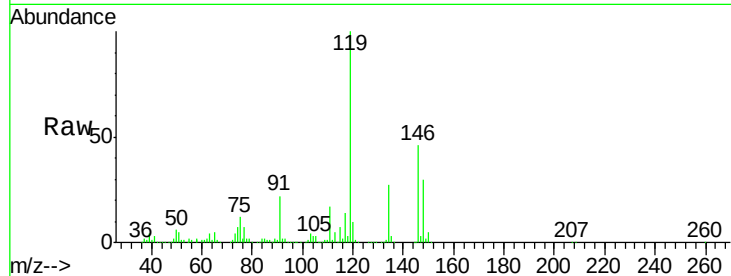
#87
 1,3-Dichlorobenzene
 Concen: 19.559 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	64.1	31.9	95.7

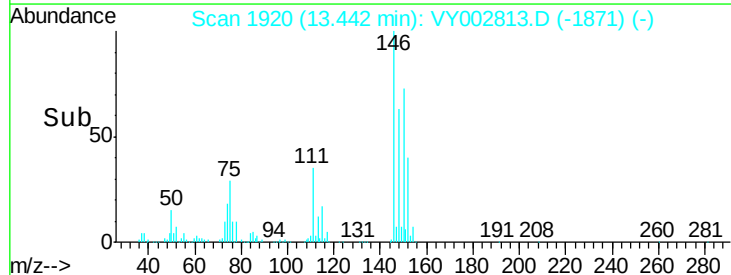
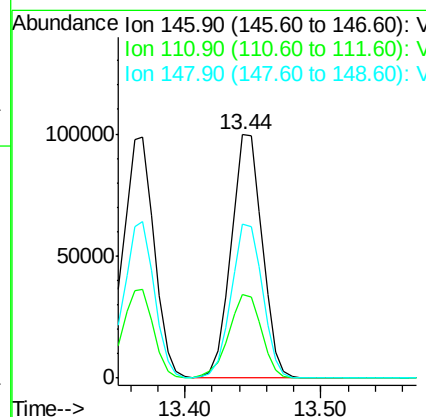
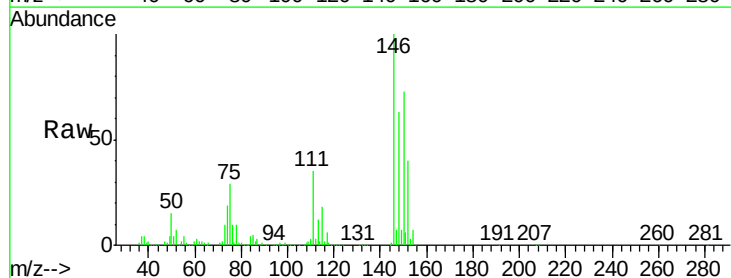
Manual Integrations
 APPROVED

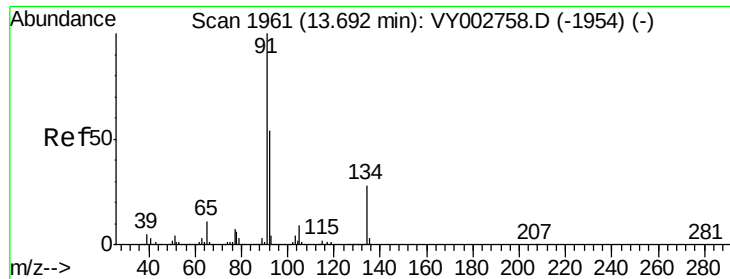
MMDadoda
 6/3/2020 11:31:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.626 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.3
148	64.0	32.1	96.3





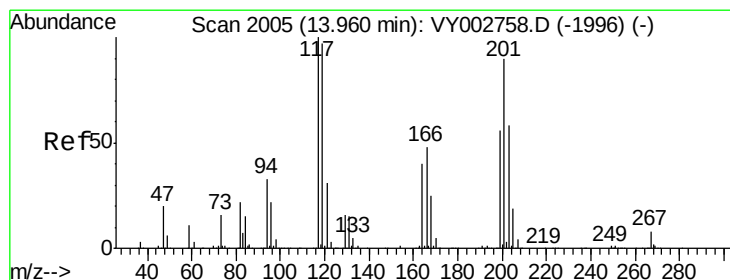
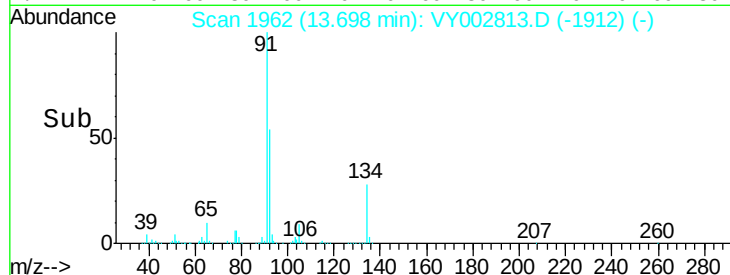
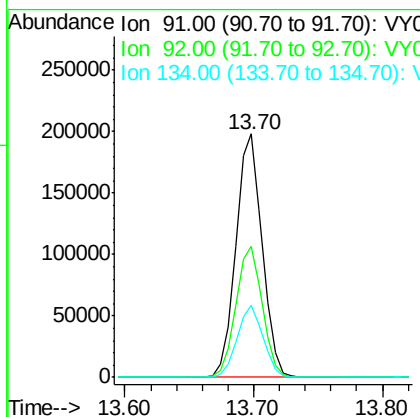
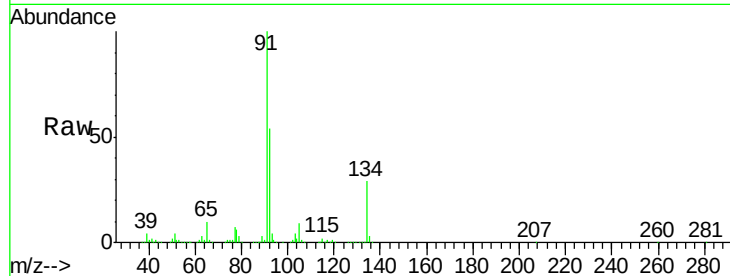
#89
n-Butylbenzene
Concen: 19.893 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleID :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.2
134	29.2	14.3	42.9

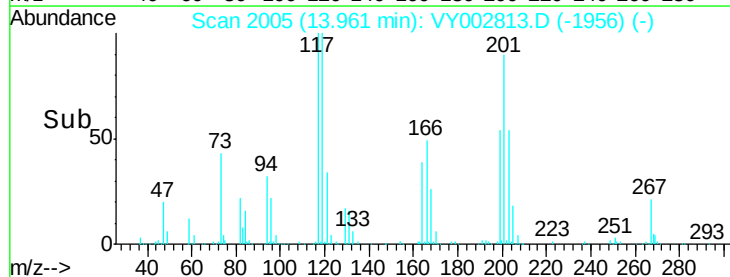
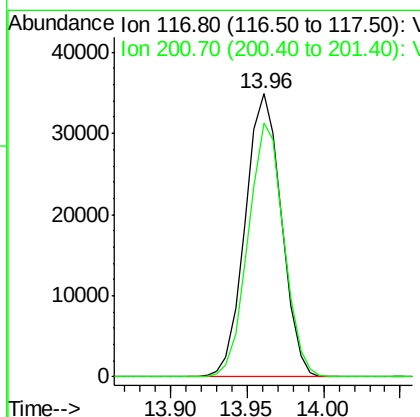
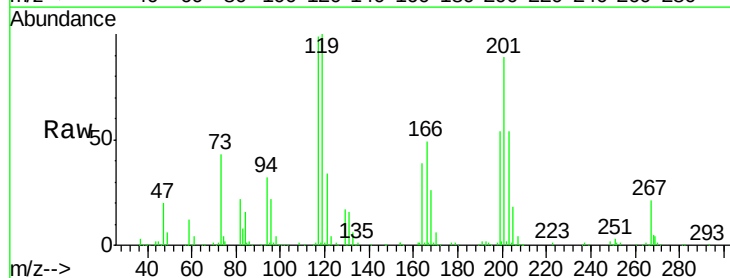
Manual Integrations
APPROVED

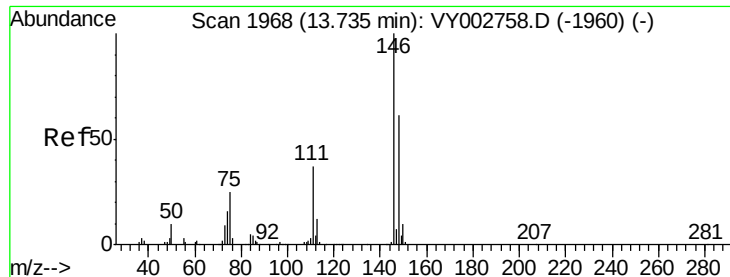
MMDadoda
6/3/2020 11:31:34 AM



#90
Hexachloroethane
Concen: 19.836 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.2	43.9	131.6





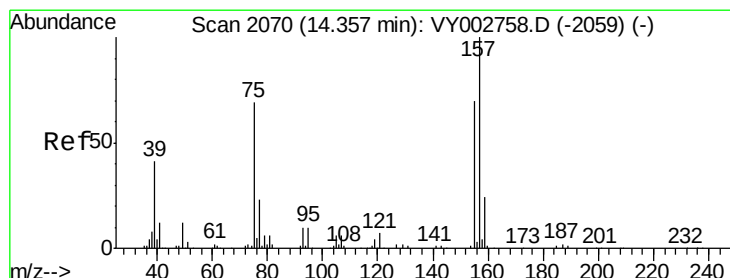
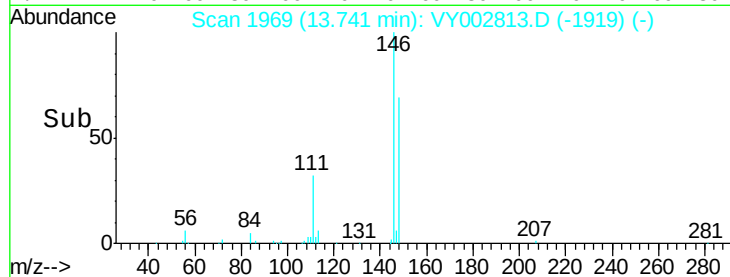
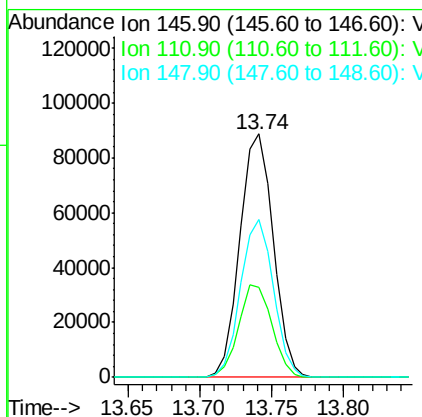
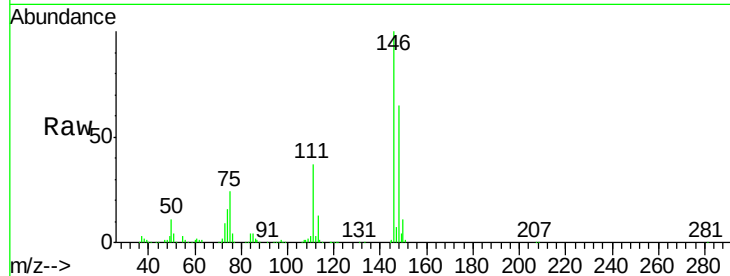
#91
 1,2-Dichlorobenzene
 Concen: 19.609 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	143052		
111	38.1		18.9	56.9
148	63.7		31.9	95.5

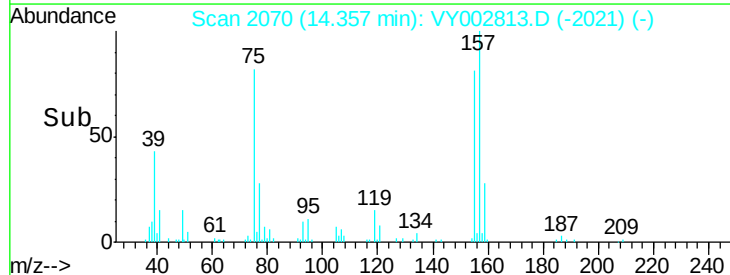
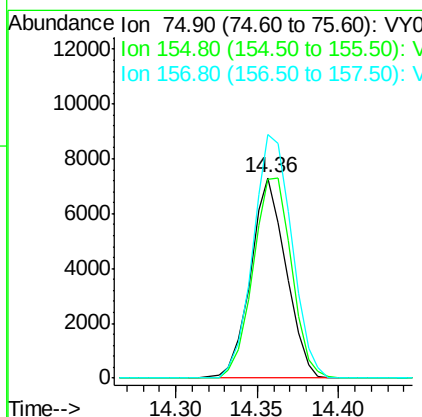
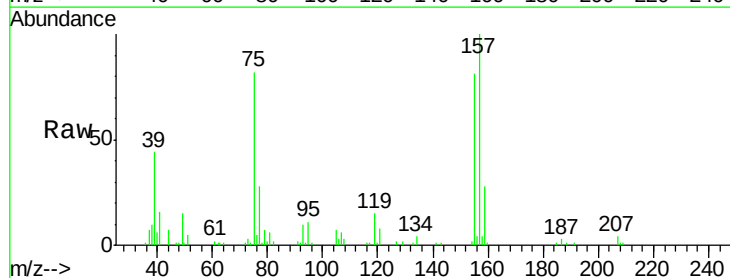
Manual Integrations
 APPROVED

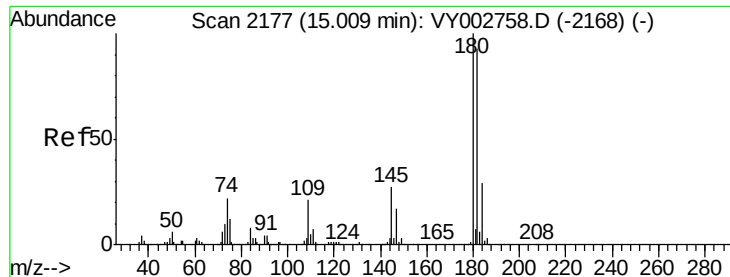
MMDadoda
 6/3/2020 11:31:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.028 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	11026		
155	108.1		53.5	160.5
157	132.1		69.9	209.7





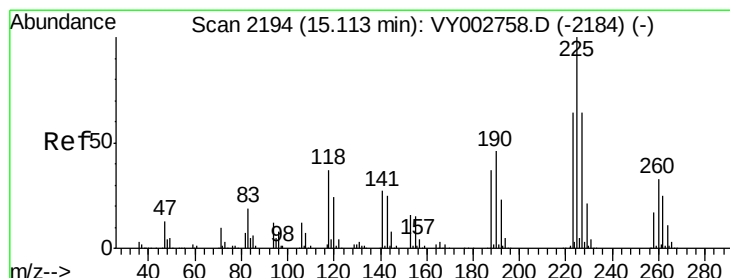
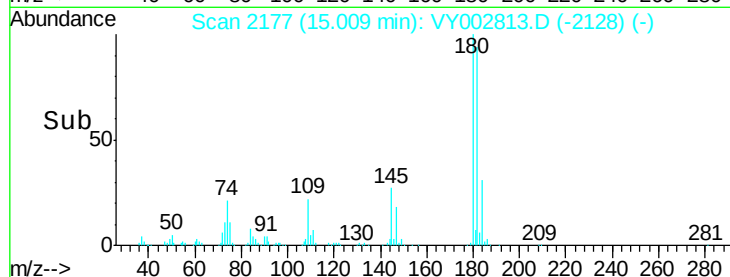
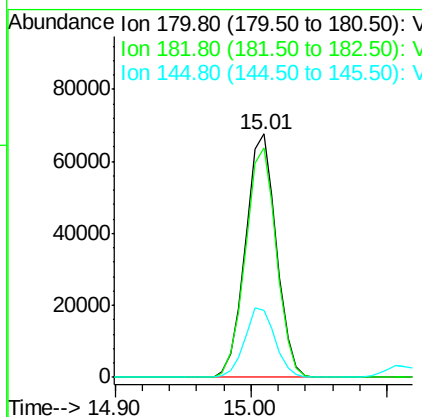
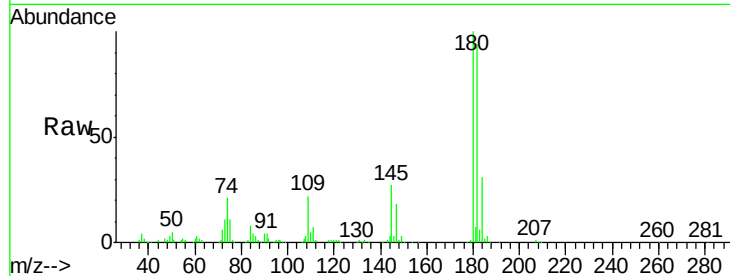
#93
 1,2,4-Trichlorobenzene
 Concen: 19.512 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107290		
182	94.6	47.3	141.9	
145	28.1	14.1	42.3	

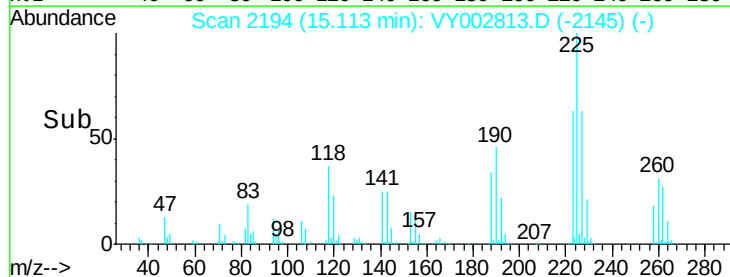
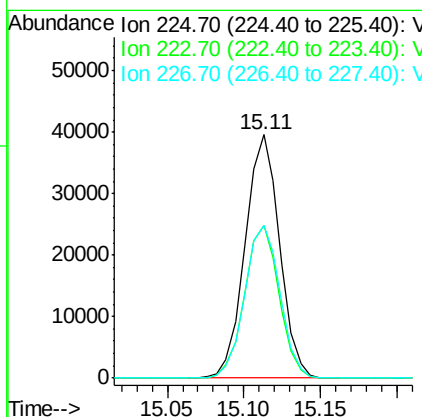
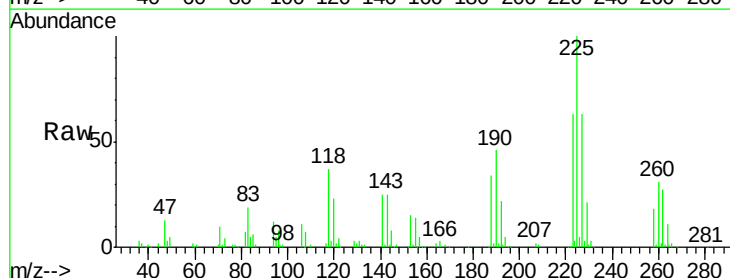
Manual Integrations
 APPROVED

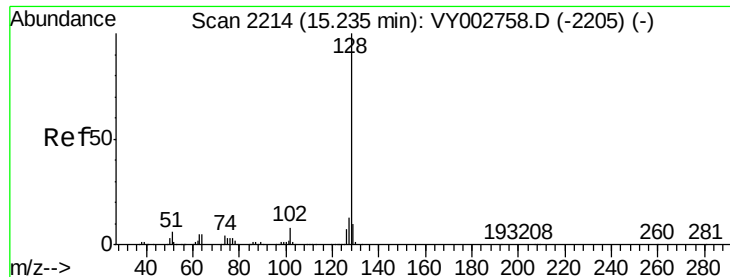
MMDadoda
 6/3/2020 11:31:34 AM



#94
 Hexachlorobutadiene
 Concen: 19.811 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61785		
223	62.9	31.6	95.0	
227	64.3	32.3	96.9	





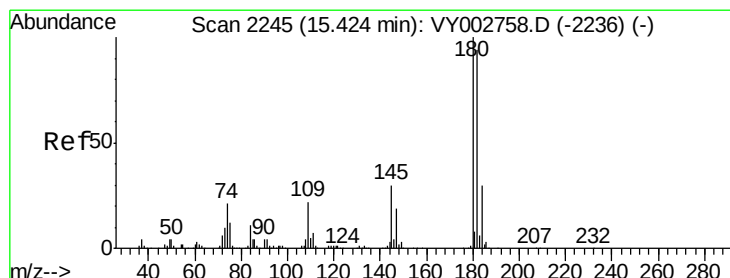
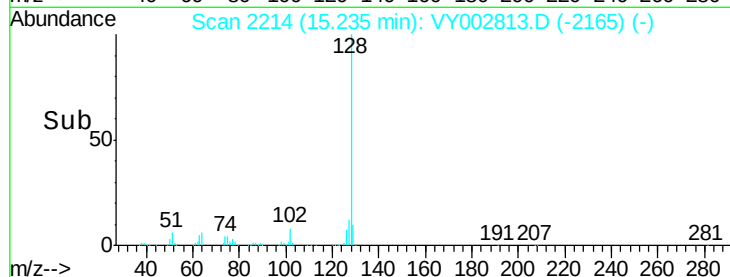
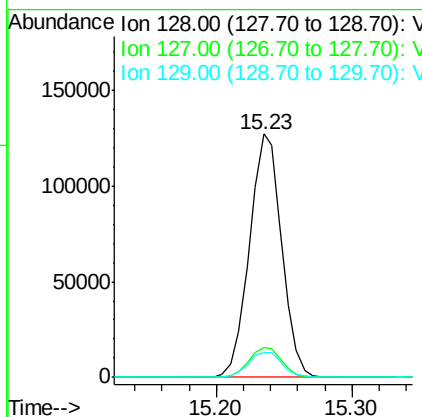
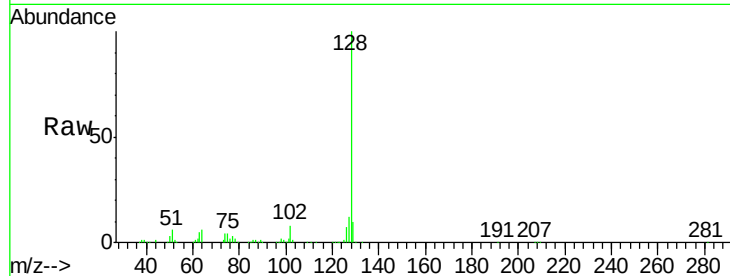
#95
Naphthalene
Concen: 19.131 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.204 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.1	144.4
145	29.9	15.1	45.3

