

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003005.D
 Acq On : 29 Jun 2020 13:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:37 PM

Quant Time: Jun 30 06:12:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	504485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	741640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	668912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	352206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	250675	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.72	113	233450	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.18	98	885628	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.48	95	310132	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	189576	49.619	ug/l	100
3) Chloromethane	2.12	50	255093	45.595	ug/l	99
4) Vinyl Chloride	2.26	62	269538	49.389	ug/l	98
5) Bromomethane	2.66	94	188023	50.743	ug/l	96
6) Chloroethane	2.80	64	171651	49.443	ug/l	95
7) Trichlorofluoromethane	3.13	101	384346	49.897	ug/l	99
8) Diethyl Ether	3.54	74	128893	48.811	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	232488	50.549	ug/l	100
10) Methyl Iodide	4.10	142	290997	51.025	ug/l	100
11) Tert butyl alcohol	4.96	59	110632	216.656	ug/l	99
12) 1,1-Dichloroethene	3.88	96	219694	50.204	ug/l	96
13) Acrolein	3.74	56	97709	213.049	ug/l	100
14) Allyl chloride	4.49	41	380055	49.743	ug/l	99
15) Acrylonitrile	5.18	53	318884	234.313	ug/l	99
16) Acetone	3.96	43	289896	245.316	ug/l	99
17) Carbon Disulfide	4.20	76	695396	49.737	ug/l	99
18) Methyl Acetate	4.48	43	145090	45.572	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	630917	49.462	ug/l	100
20) Methylene Chloride	4.72	84	263686	50.004	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	246588	49.817	ug/l	99
22) Diisopropyl ether	6.13	45	810124	49.471	ug/l	98
23) Vinyl Acetate	6.07	43	2704189	246.997	ug/l	100
24) 1,1-Dichloroethane	6.02	63	442740	49.494	ug/l	100
25) 2-Butanone	6.99	43	443898	236.471	ug/l	99
26) 2,2-Dichloropropane	6.99	77	404834	49.811	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	273882	49.331	ug/l	100
28) Bromochloromethane	7.34	49	221106	55.552	ug/l	97
29) Tetrahydrofuran	7.35	42	290529	232.734	ug/l	98
30) Chloroform	7.52	83	438347	49.464	ug/l	100
31) Cyclohexane	7.79	56	416903	47.309	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	401591	49.645	ug/l	100
36) 1,1-Dichloropropene	7.93	75	354777	49.662	ug/l	99
37) Ethyl Acetate	7.08	43	201920	47.010	ug/l	98
38) Carbon Tetrachloride	7.91	117	369949	49.774	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003005.D
 Acq On : 29 Jun 2020 13:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY062920

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:37 PM

Quant Time: Jun 30 06:12:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	442917	50.006	ug/l	98
40) Benzene	8.17	78	969389	49.565	ug/l	99
41) Methacrylonitrile	7.33	41	128828m	56.148	ug/l	
42) 1,2-Dichloroethane	8.24	62	304988	49.294	ug/l	100
43) Isopropyl Acetate	8.28	43	393048	48.135	ug/l	99
44) Trichloroethene	8.94	130	285147	50.162	ug/l	99
45) 1,2-Dichloropropane	9.22	63	258396	49.109	ug/l	95
46) Dibromomethane	9.31	93	144432	49.147	ug/l	98
47) Bromodichloromethane	9.50	83	355055	49.341	ug/l	99
48) Methyl methacrylate	9.30	41	180090	48.454	ug/l	97
49) 1,4-Dioxane	9.30	88	33876	944.316	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	997855	236.438	ug/l	99
52) Toluene	10.24	92	603672	49.033	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	378933	50.227	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	424785	49.232	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	200557	49.112	ug/l	98
56) Ethyl methacrylate	10.51	69	291231	49.266	ug/l	99
57) 1,3-Dichloropropane	10.79	76	349679	48.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	773029	254.976	ug/l	100
59) 2-Hexanone	10.83	43	712153	241.417	ug/l	99
60) Dibromochloromethane	10.99	129	259762	49.705	ug/l	99
61) 1,2-Dibromoethane	11.09	107	193944	48.174	ug/l	100
64) Tetrachloroethene	10.72	164	284359	50.229	ug/l	99
65) Chlorobenzene	11.52	112	666782	50.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	257786	50.060	ug/l	99
67) Ethyl Benzene	11.59	91	1214134	50.317	ug/l	99
68) m/p-Xylenes	11.70	106	907209	101.019	ug/l	100
69) o-Xylene	12.03	106	427782	50.549	ug/l	99
70) Styrene	12.05	104	736667	50.954	ug/l	99
71) Bromoform	12.20	173	175029	50.974	ug/l	98
73) Isopropylbenzene	12.33	105	1164868	50.536	ug/l	99
74) N-amyl acetate	12.14	43	368303	49.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	233488	50.195	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	171071m	49.077	ug/l	
77) Bromobenzene	12.61	156	296509	50.170	ug/l	98
78) n-propylbenzene	12.67	91	1395814	50.352	ug/l	100
79) 2-Chlorotoluene	12.75	91	782943	50.599	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	983976	50.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	87883	49.052	ug/l	96
82) 4-Chlorotoluene	12.85	91	820388	50.923	ug/l	99
83) tert-Butylbenzene	13.08	119	856393	50.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	982260	50.396	ug/l	99
85) sec-Butylbenzene	13.25	105	1196870	51.126	ug/l	99
86) p-Isopropyltoluene	13.37	119	1105996	50.986	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	561521	50.890	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	553028	50.828	ug/l	100
89) n-Butylbenzene	13.70	91	1062434	51.190	ug/l	99
90) Hexachloroethane	13.96	117	217617	50.521	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	497462	50.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	39794	48.326	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003005.D
Acq On : 29 Jun 2020 13:38
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

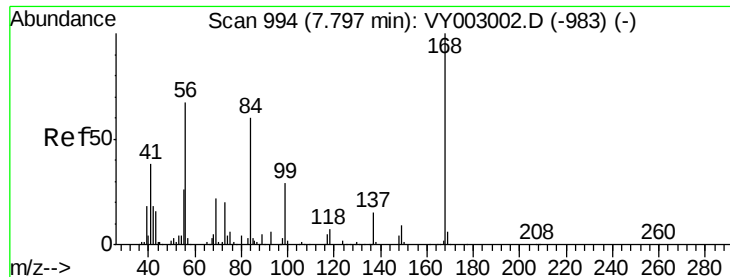
Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM

Quant Time: Jun 30 06:12:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	381995	51.928	ug/l	99
94) Hexachlorobutadiene	15.11	225	238782	51.461	ug/l	99
95) Naphthalene	15.23	128	690641	51.402	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	326124	51.055	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062920

Tot Ion:168 Resp: 504485

Ion Ratio Lower Upper

168 100

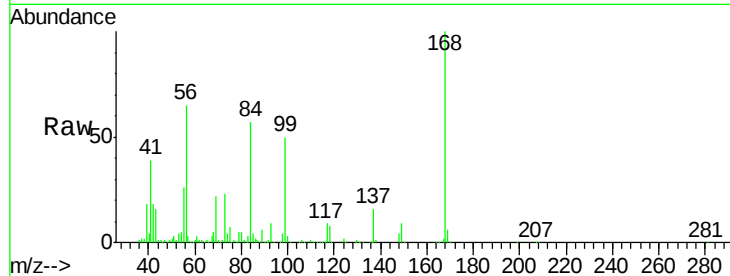
99 50.0 39.2 58.8

Manual Integrations

APPROVED

MMDadoda

6/30/2020 12:54:37 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

250000

200000

150000

100000

50000

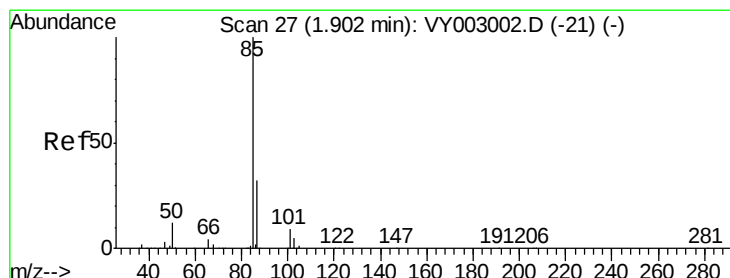
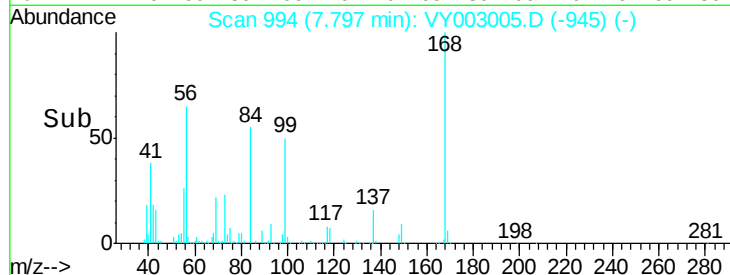
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.619 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003005.D

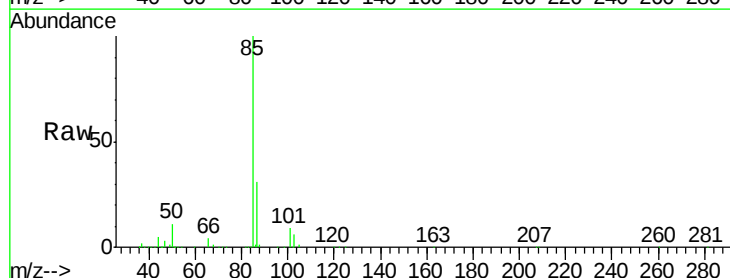
Acq: 29 Jun 2020 13:38

Tgt Ion: 85 Resp: 189576

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

150000

100000

50000

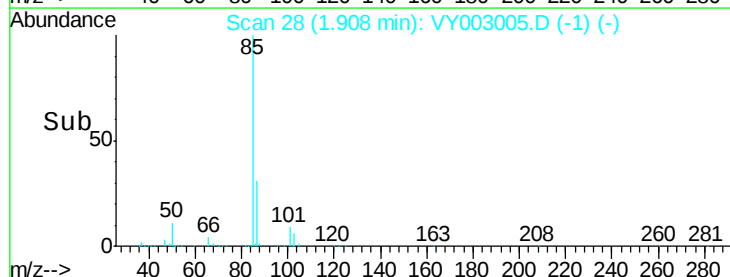
0

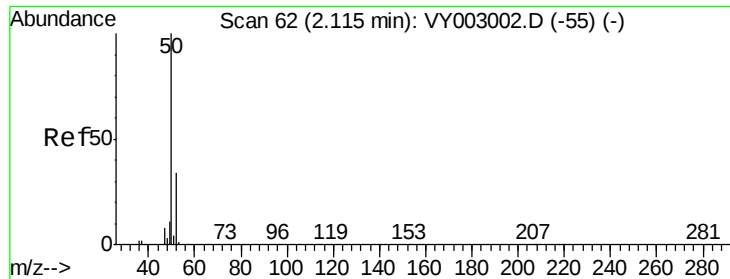
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 45.595 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062920

Tot Ion: 50 Resp: 255093

Ion Ratio Lower Upper

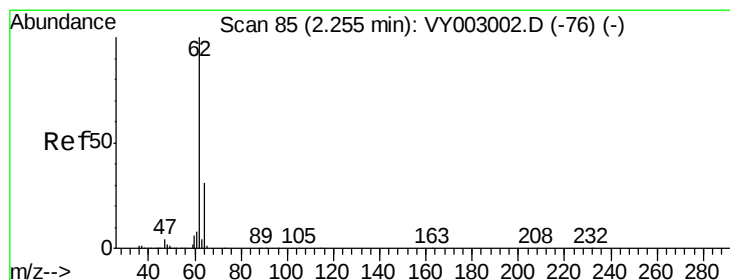
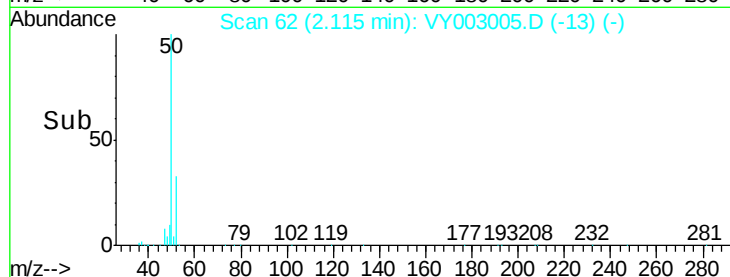
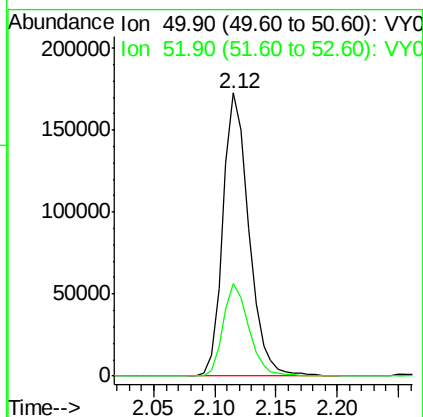
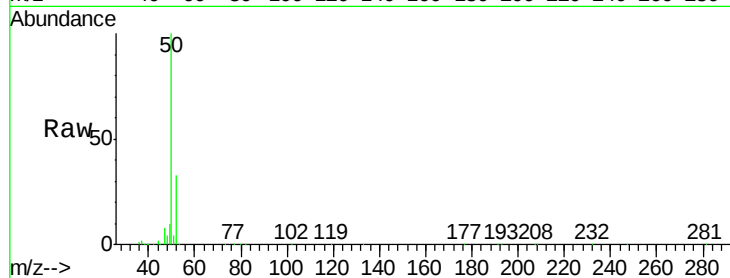
50 100

52 32.9 26.9 40.3

Manual Integrations
APPROVED

MMDadoda

6/30/2020 12:54:37 PM



#4

Vinyl Chloride

Concen: 49.389 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003005.D

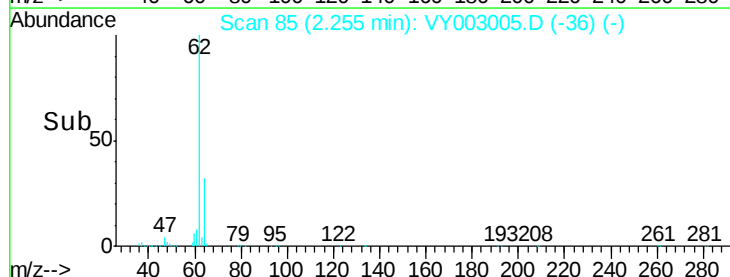
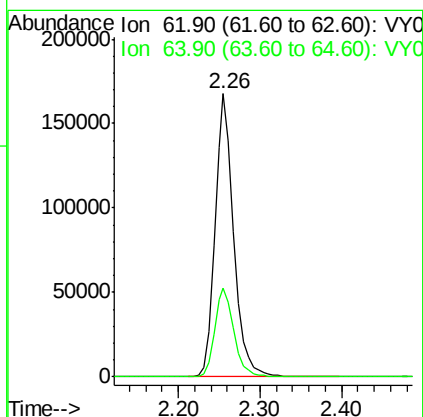
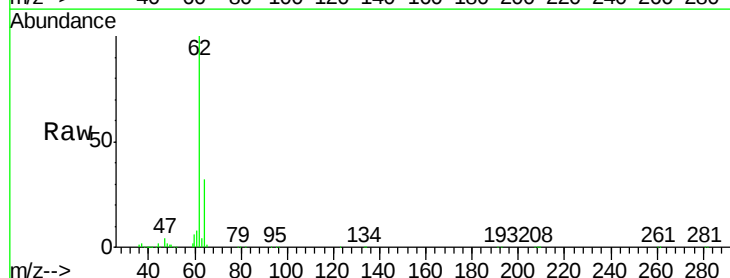
Acq: 29 Jun 2020 13:38

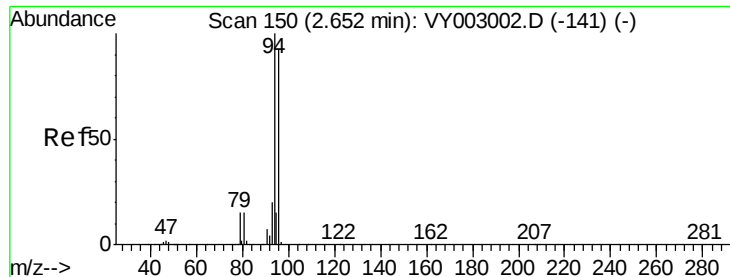
Tgt Ion: 62 Resp: 269538

Ion Ratio Lower Upper

62 100

64 31.6 24.4 36.6





#5

Bromomethane

Concen: 50.743 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

Tot Ion: 94 Resp: 188023

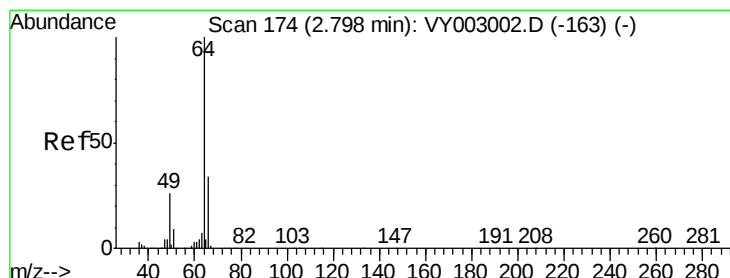
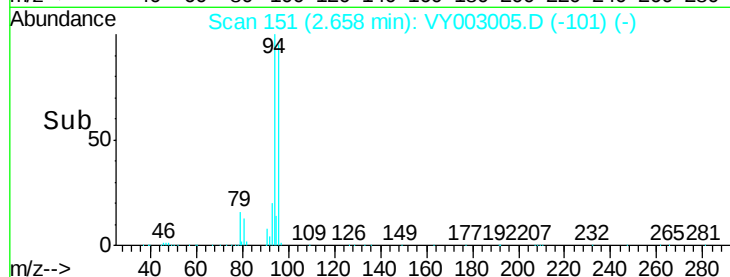
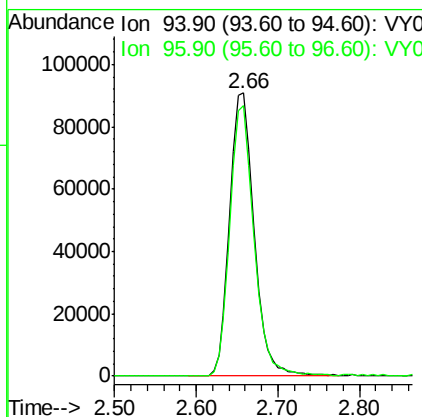
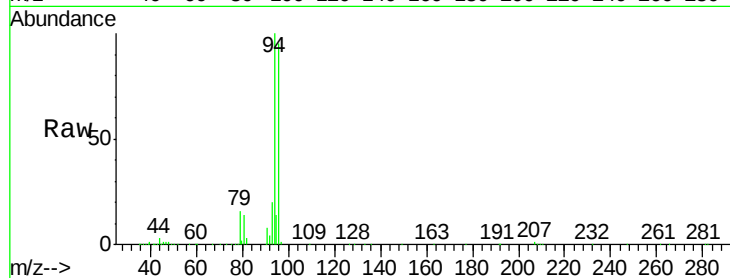
Ion Ratio Lower Upper

94 100

96 95.3 73.4 110.2

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#6

Chloroethane

Concen: 49.443 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003005.D

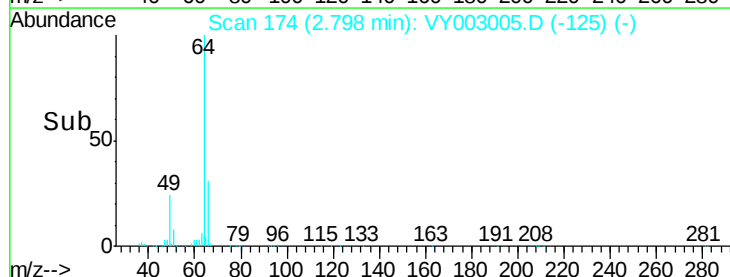
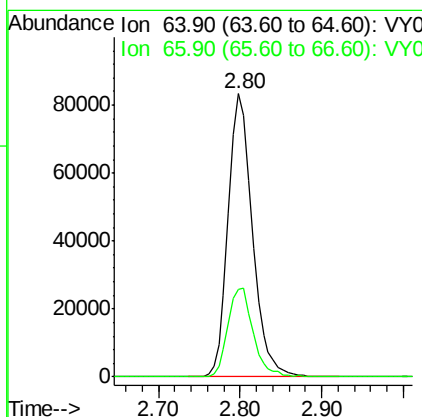
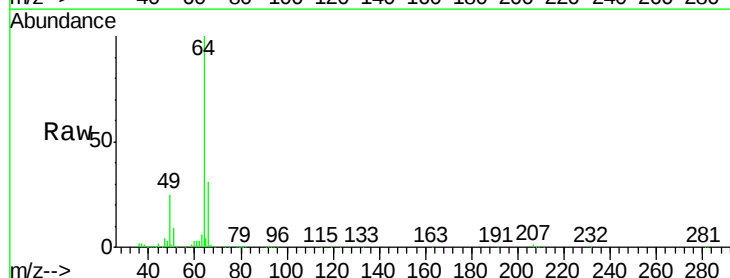
Acq: 29 Jun 2020 13:38

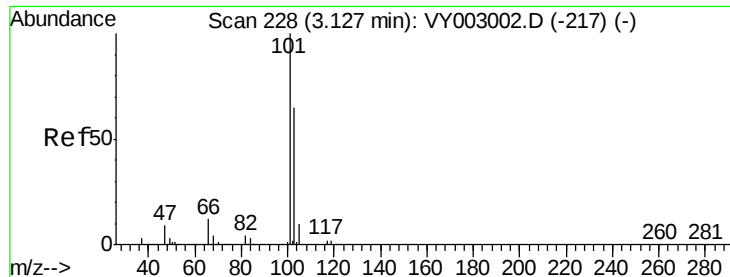
Tgt Ion: 64 Resp: 171651

Ion Ratio Lower Upper

64 100

66 31.1 27.0 40.4





#7

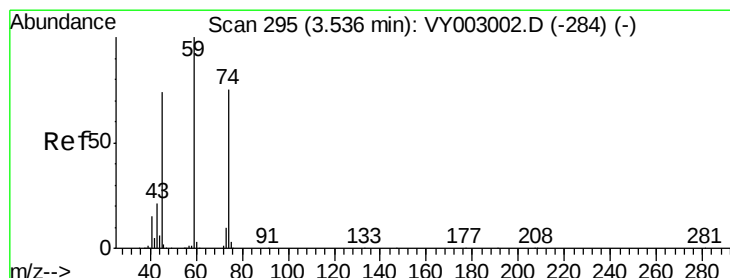
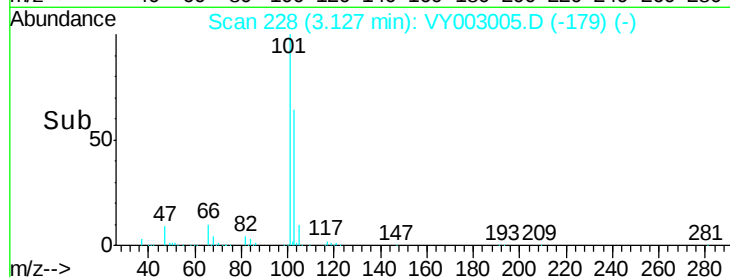
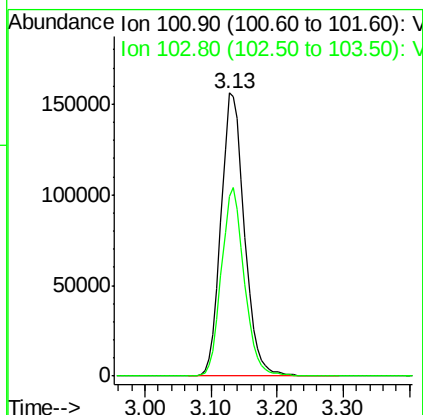
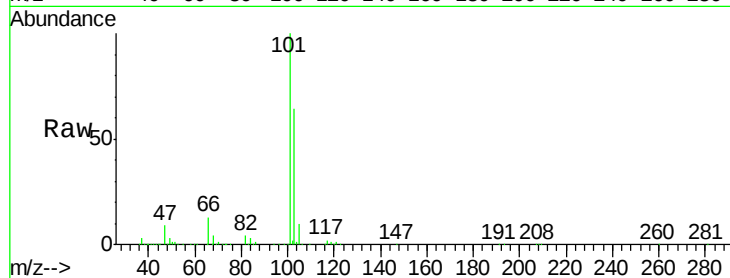
Trichlorofluoromethane
Concen: 49.897 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.6	77.4

Manual Integrations
APPROVED

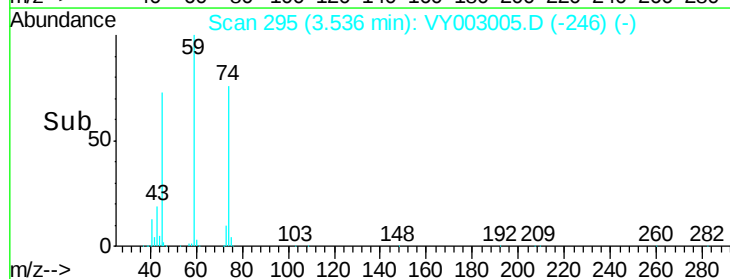
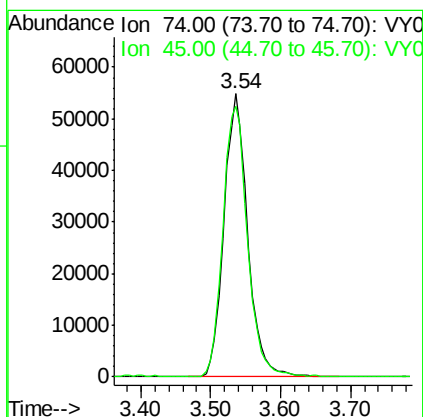
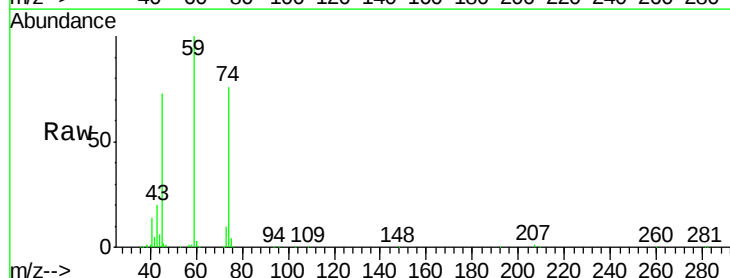
MMDadoda
6/30/2020 12:54:37 PM

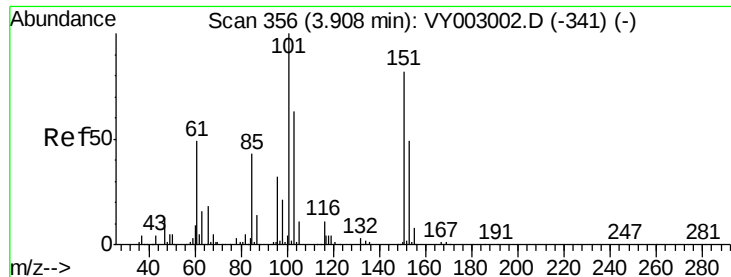


#8

Diethyl Ether
Concen: 48.811 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.549 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

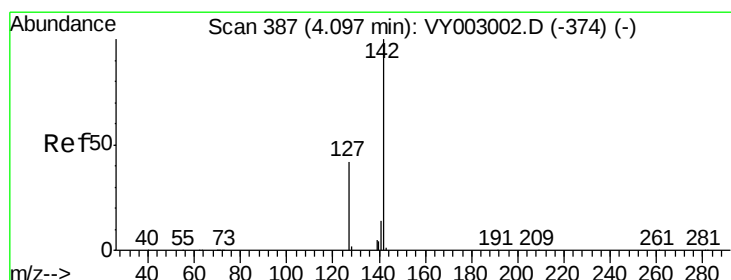
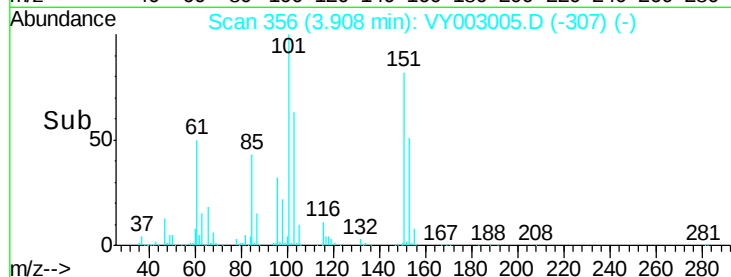
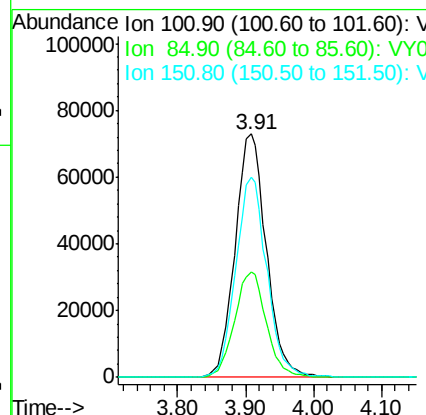
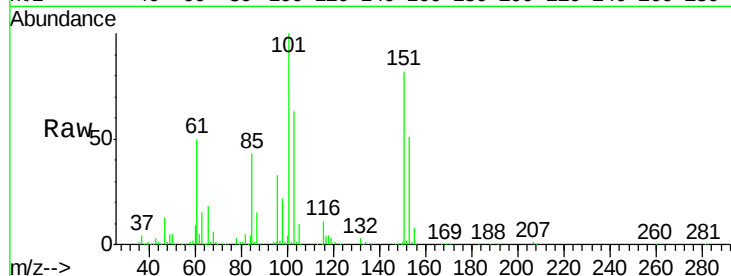
ClientSampleId :

ICVY062920

Tot Ion:	101	Resp:	232488
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.5	53.3
151	82.0	65.5	98.3

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#10

Methyl Iodide

Concen: 51.025 ug/l

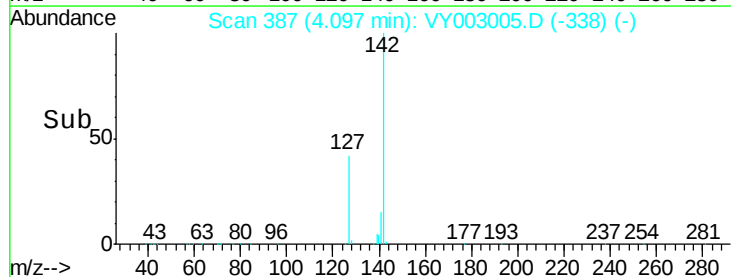
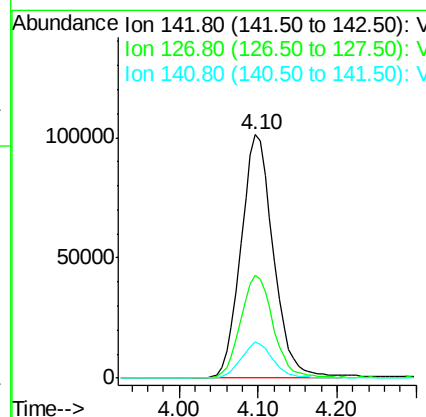
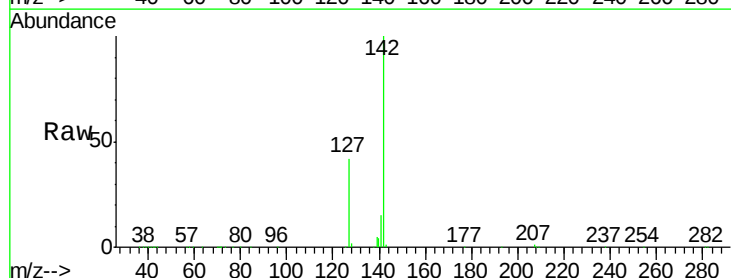
RT: 4.10 min Scan# 387

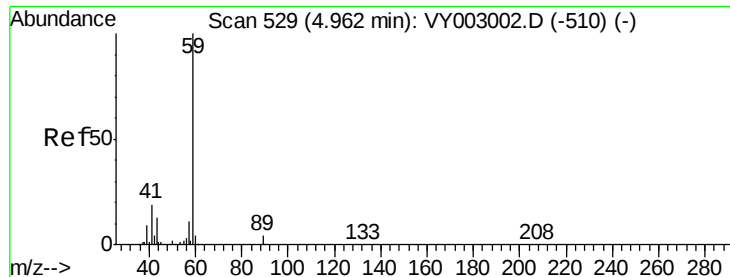
Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion:	142	Resp:	290997
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.2	51.2
141	14.4	11.7	17.5





#11

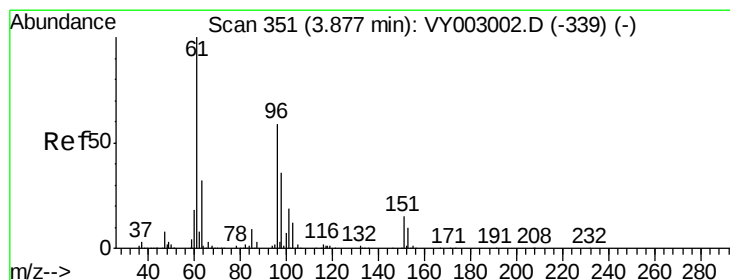
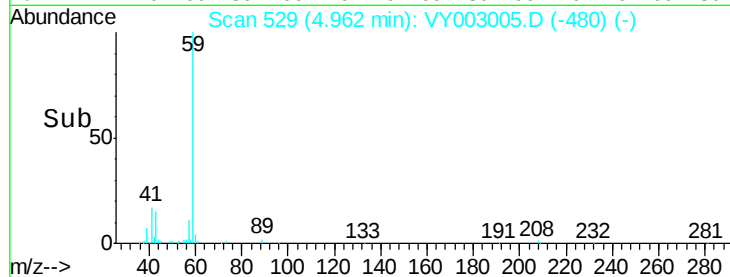
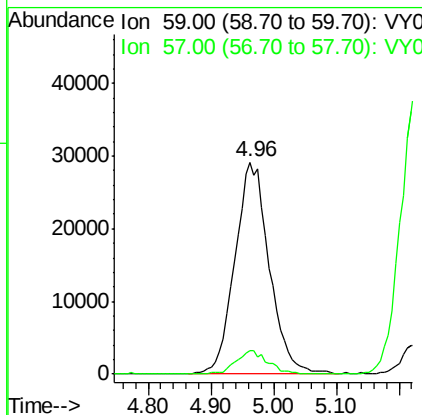
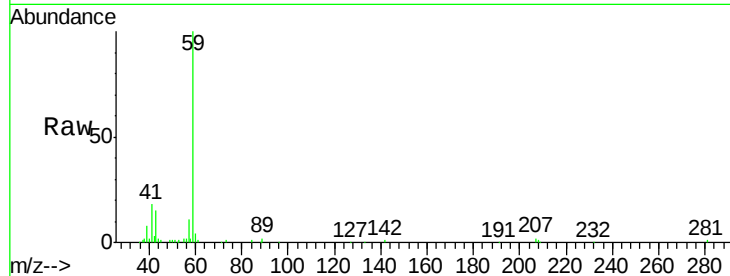
Tert butyl alcohol
 Concen: 216.656 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.0	12.0

Manual Integrations
 APPROVED

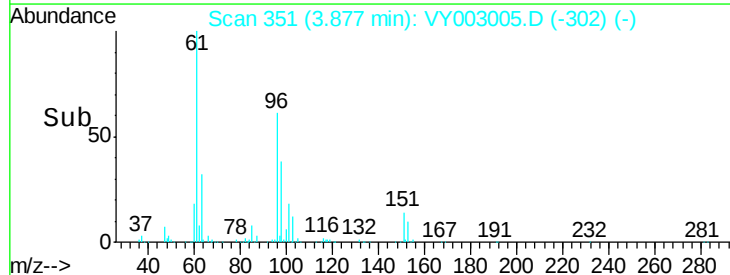
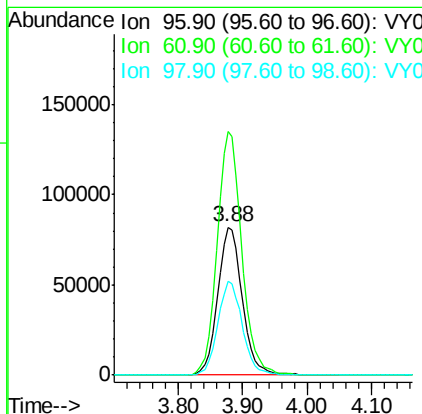
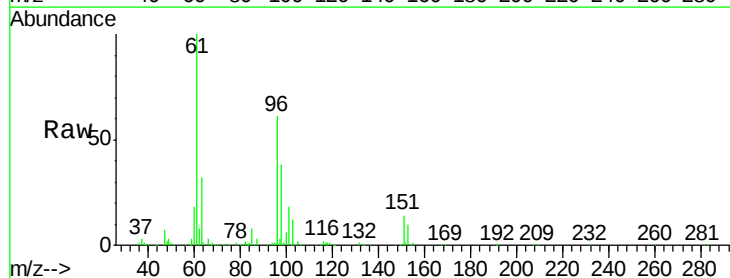
MMDadoda
 6/30/2020 12:54:37 PM

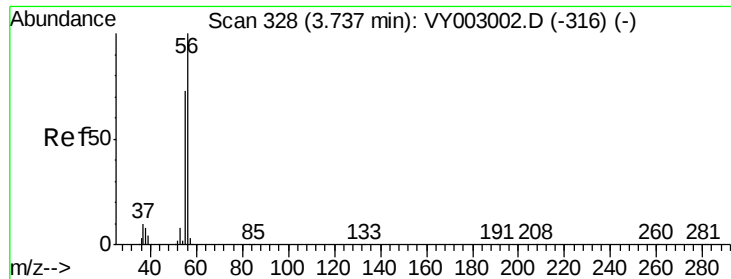


#12

1,1-Dichloroethene
 Concen: 50.204 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.7	136.7	205.1
98	63.2	49.7	74.5





#13

Acrolein

Concen: 213.049 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

Tot Ion: 56 Resp: 97709

Ion Ratio Lower Upper

56 100

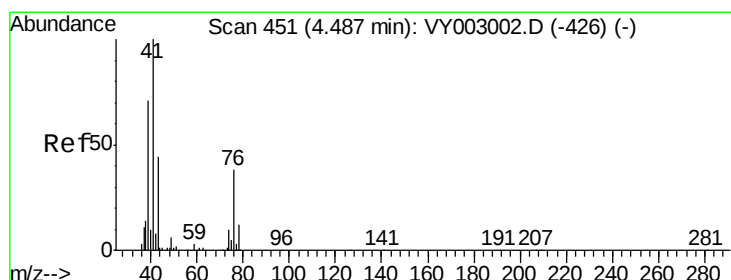
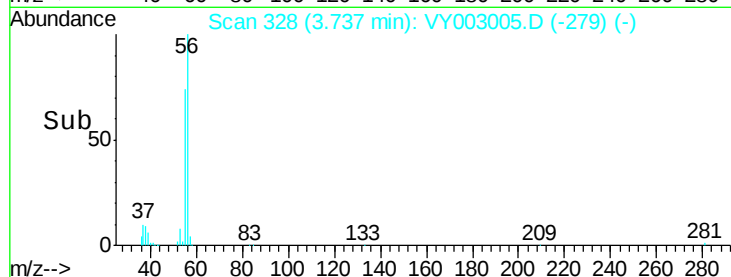
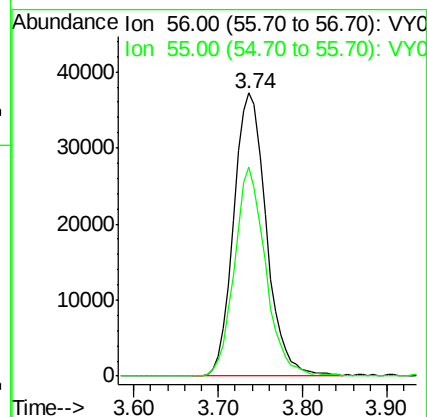
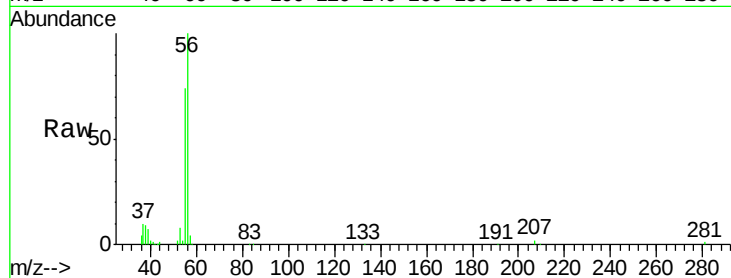
55 70.3 56.4 84.6

Manual Integrations

APPROVED

MMDadoda

6/30/2020 12:54:37 PM



#14

Allyl chloride

Concen: 49.743 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

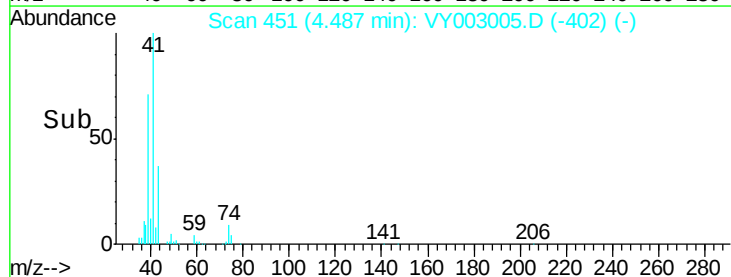
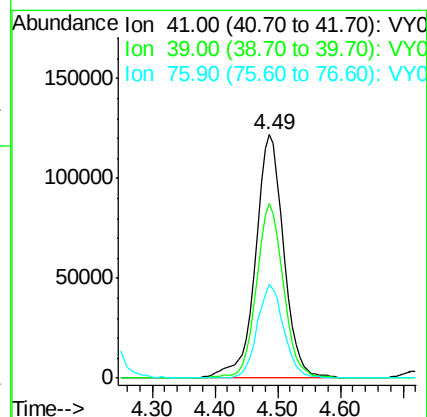
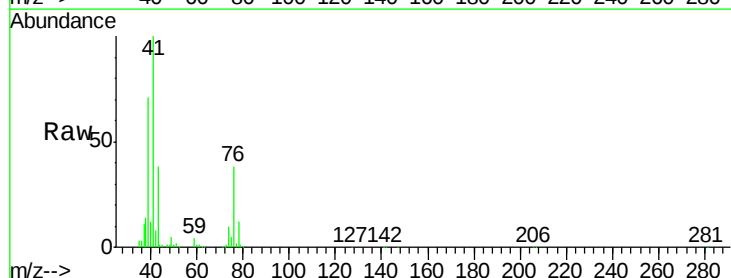
Tgt Ion: 41 Resp: 380055

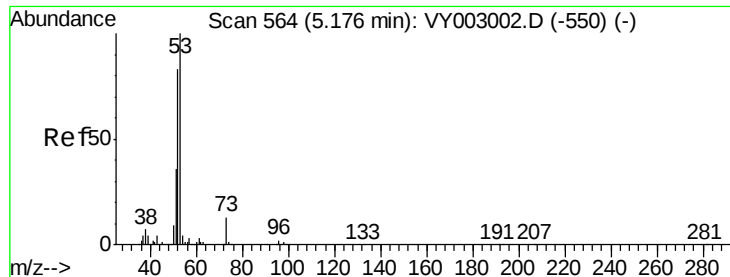
Ion Ratio Lower Upper

41 100

39 68.7 55.6 83.4

76 36.0 28.6 43.0





#15

Acrylonitrile

Concen: 234.313 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

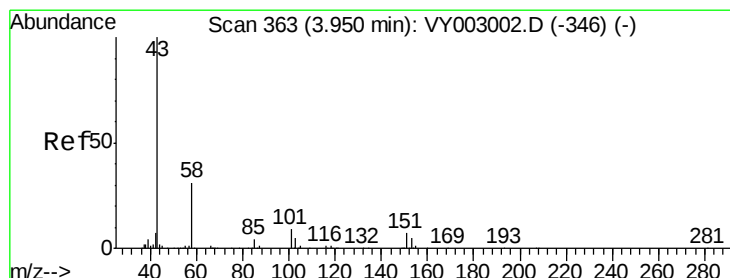
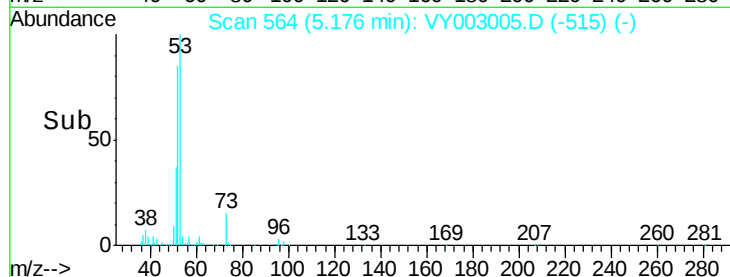
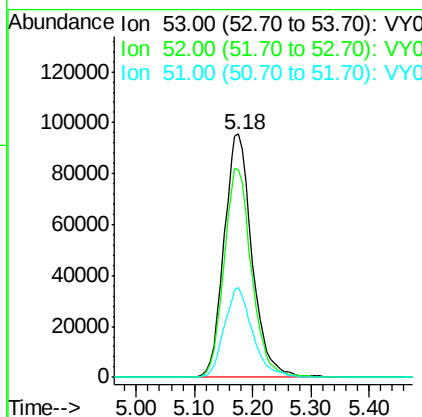
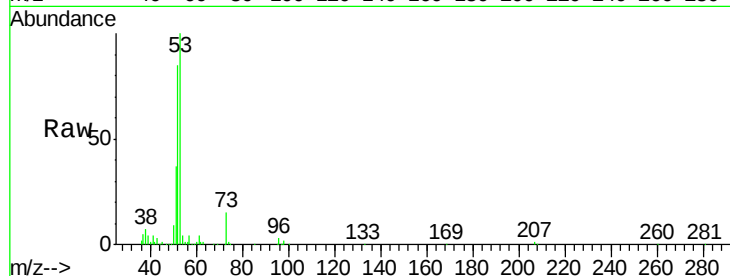
ClientSampleId :

ICVVY062920

Tot Ion:	53	Resp:	318884
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.2	99.2
51	37.4	29.5	44.3

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#16

Acetone

Concen: 245.316 ug/l

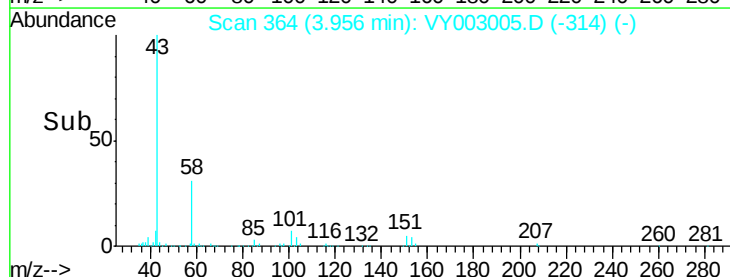
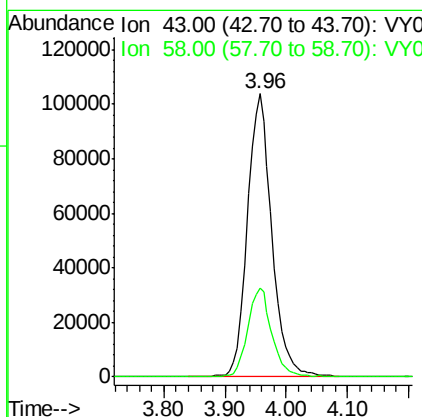
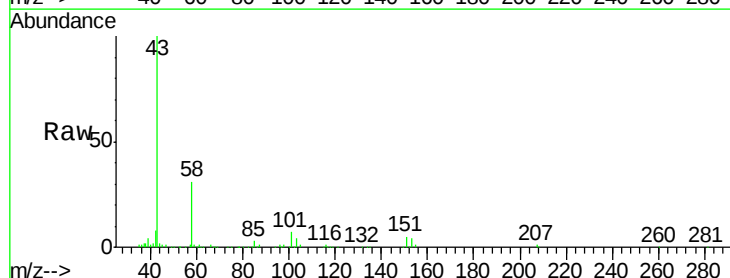
RT: 3.96 min Scan# 364

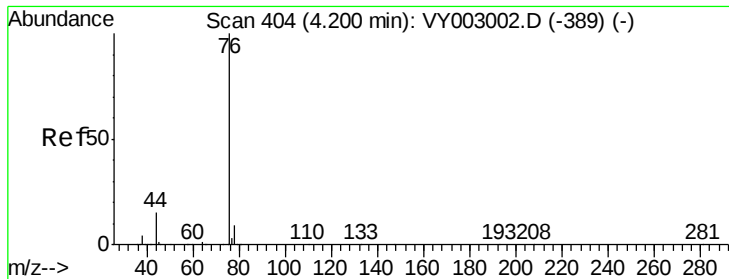
Delta R.T. 0.01 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion:	43	Resp:	289896
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.7	37.1





#17

Carbon Disulfide

Concen: 49.737 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062920

Tot Ion: 76 Resp: 695396

Ion Ratio Lower Upper

76 100

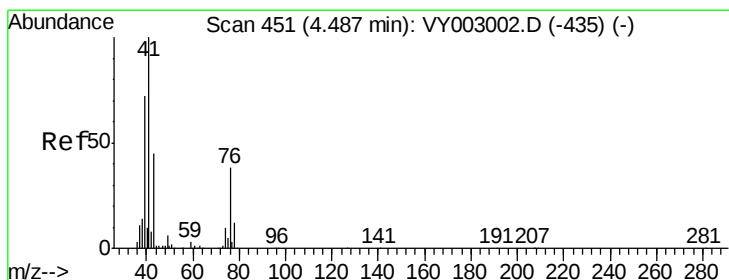
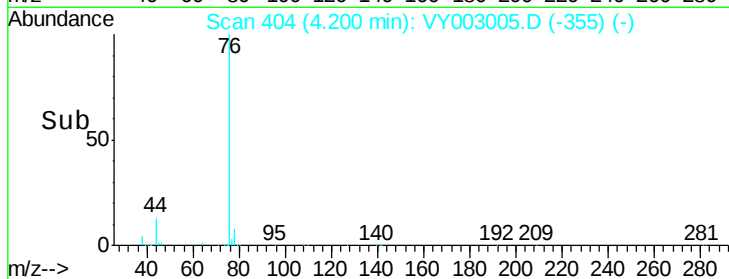
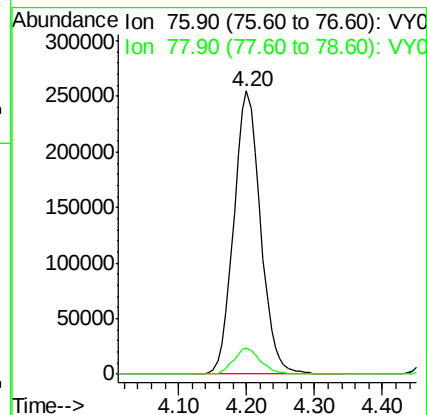
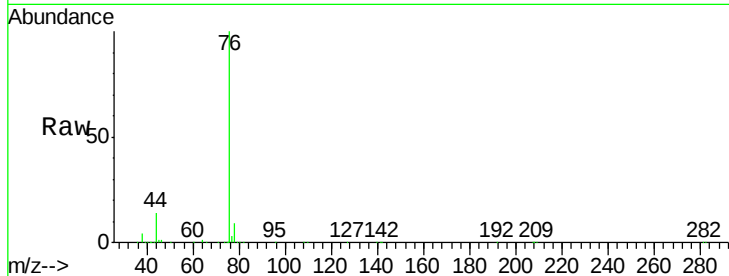
78 9.0 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

6/30/2020 12:54:37 PM



#18

Methyl Acetate

Concen: 45.572 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003005.D

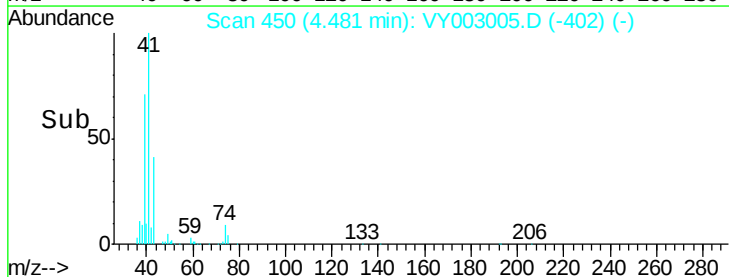
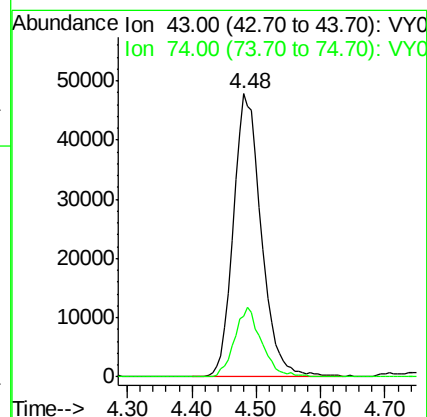
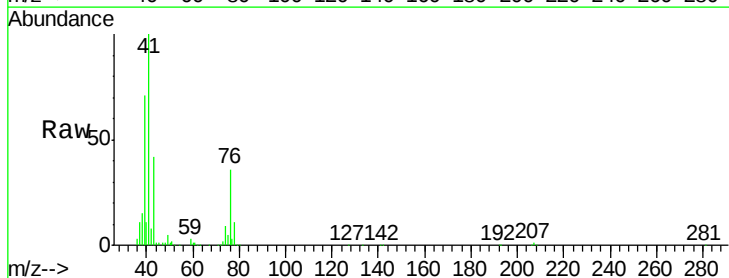
Acq: 29 Jun 2020 13:38

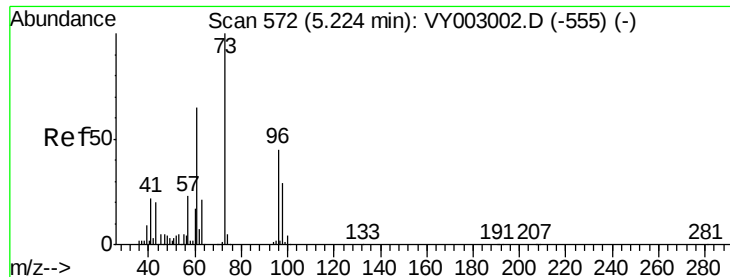
Tgt Ion: 43 Resp: 145090

Ion Ratio Lower Upper

43 100

74 23.7 18.2 27.4





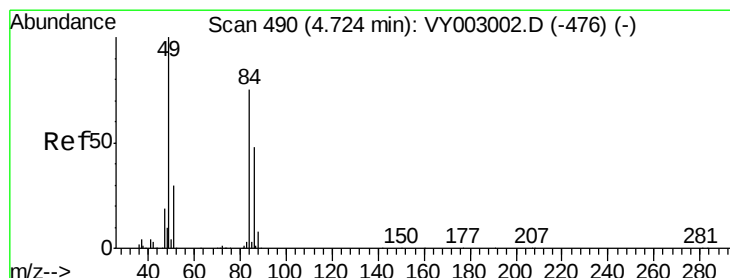
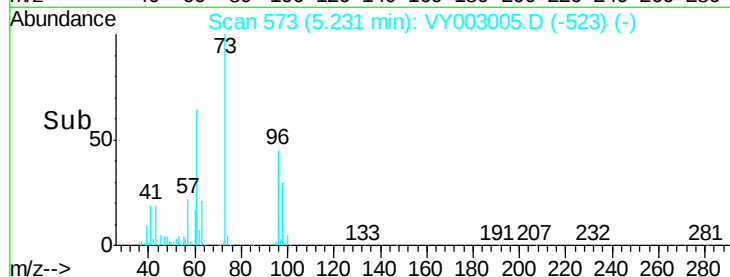
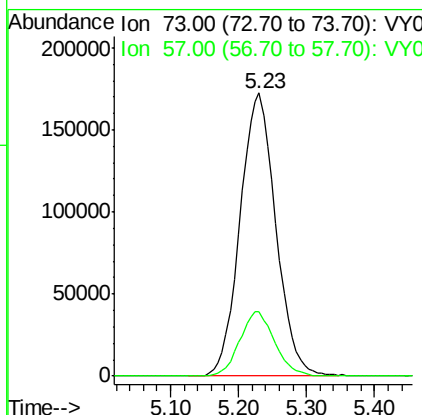
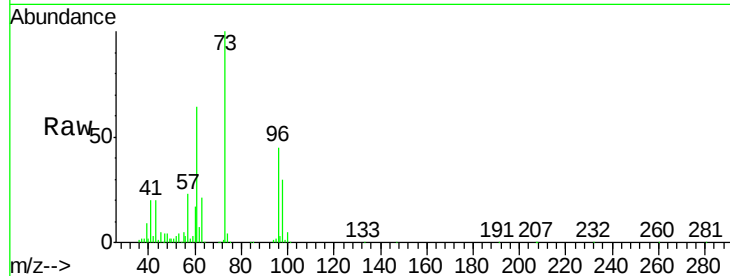
#19
Methvl tert-butvl Ether
Concen: 49.462 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.2	27.2

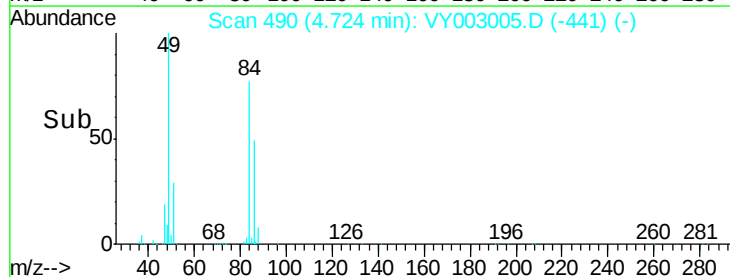
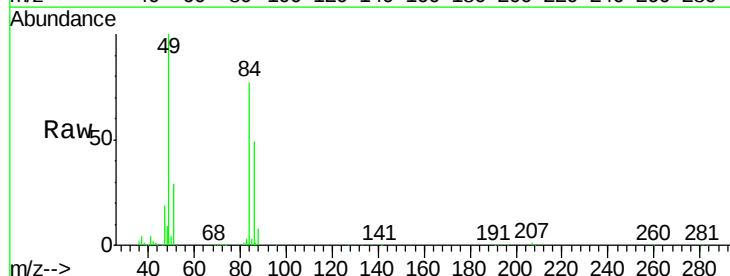
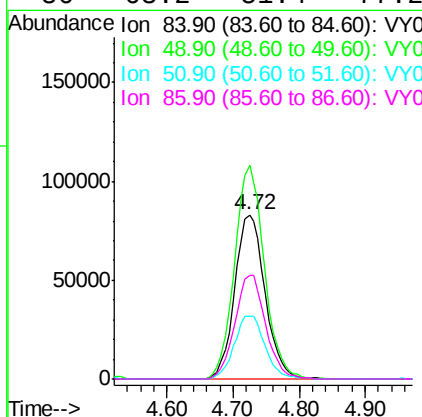
Manual Integrations
APPROVED

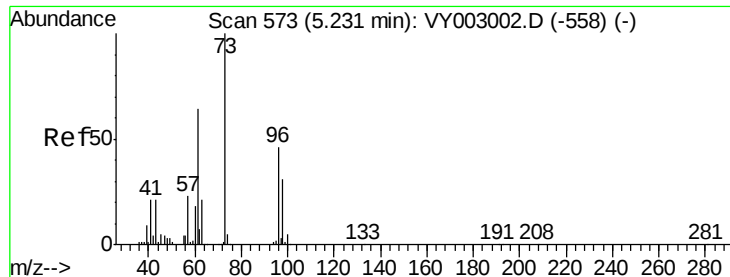
MMDadoda
6/30/2020 12:54:37 PM



#20
Methylene Chloride
Concen: 50.004 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.2	106.8	160.2
51	38.2	32.0	48.0
86	63.2	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 49.817 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

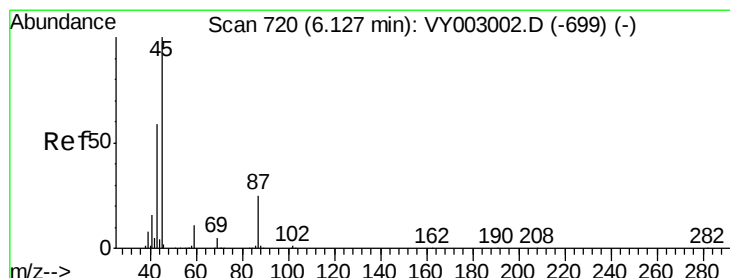
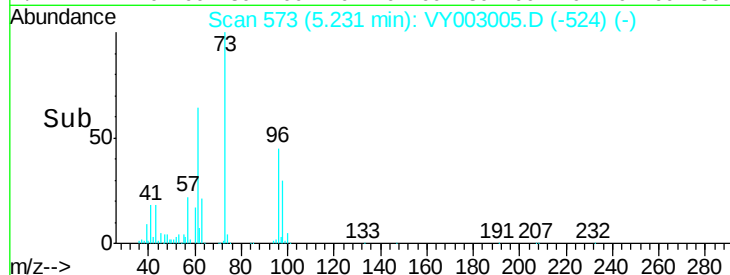
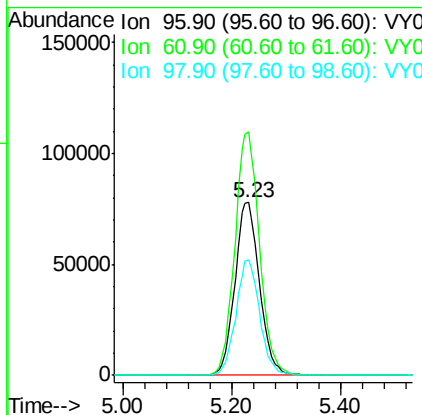
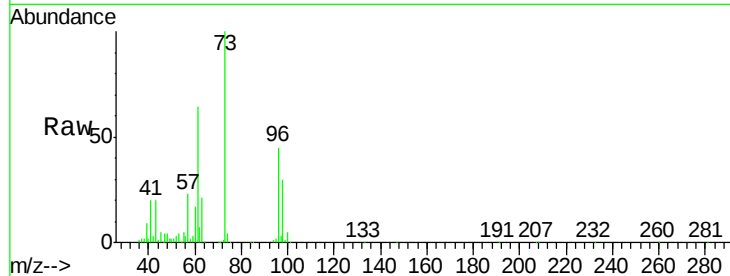
ClientSampleId :

ICVY062920

Tot Ion:	96	Resp:	246588
Ion	Ratio	Lower	Upper
96	100		
61	140.9	112.3	168.5
98	66.6	53.8	80.8

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#22

Diisopropyl ether

Concen: 49.471 ug/l

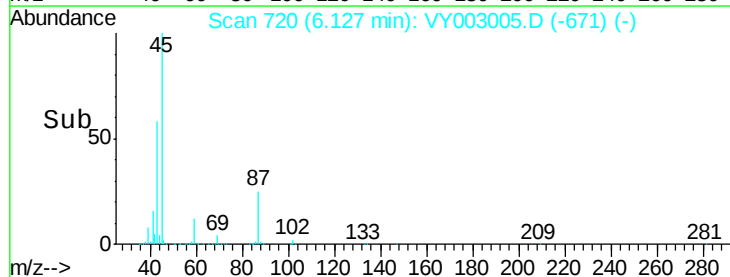
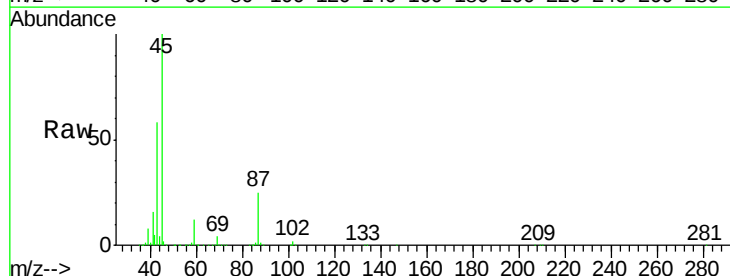
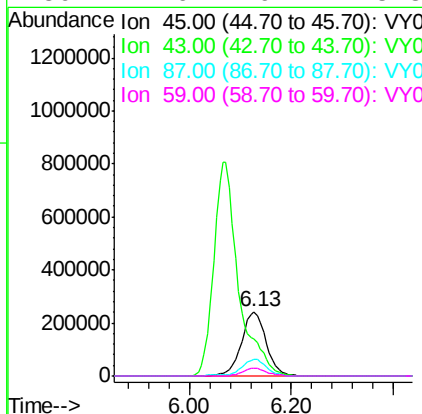
RT: 6.13 min Scan# 720

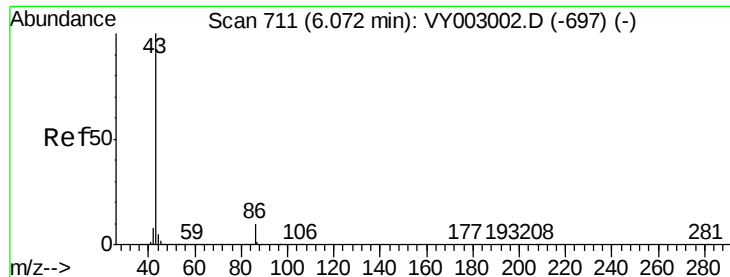
Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion:	45	Resp:	810124
Ion	Ratio	Lower	Upper
45	100		
43	57.3	47.4	71.2
87	24.9	20.2	30.2
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 246.997 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

Tot Ion: 43 Resp: 2704189

Ion Ratio Lower Upper

43 100

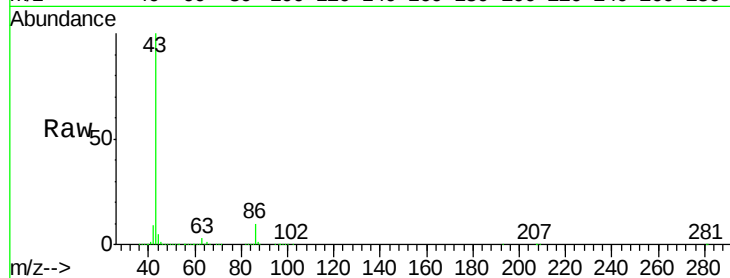
86 10.2 8.1 12.1

Manual Integrations

APPROVED

MMDadoda

6/30/2020 12:54:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

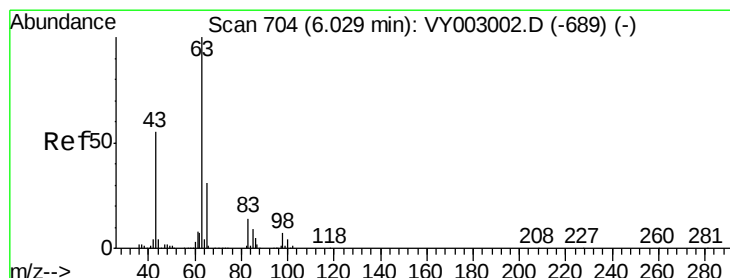
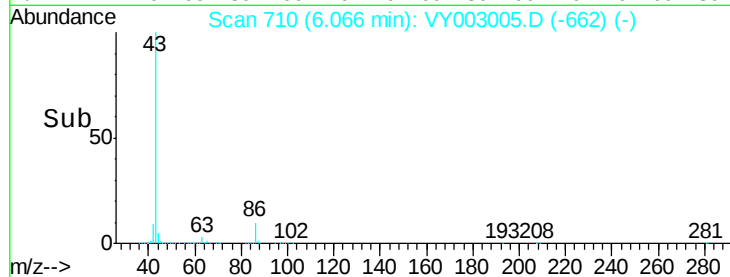
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.494 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

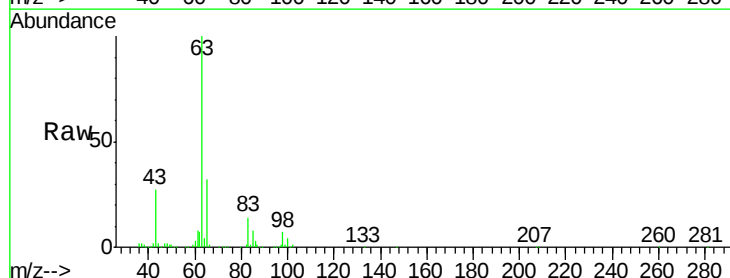
Tgt Ion: 63 Resp: 442740

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

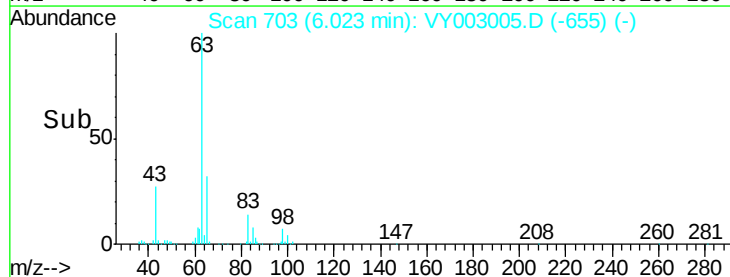
150000

100000

50000

0

Time-->





#25

2-Butanone

Concen: 236.471 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062920

Tot Ion: 43 Resp: 443898

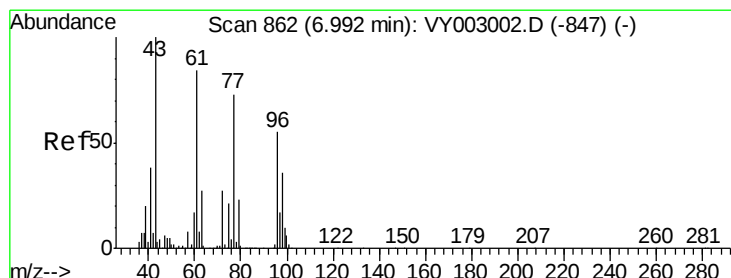
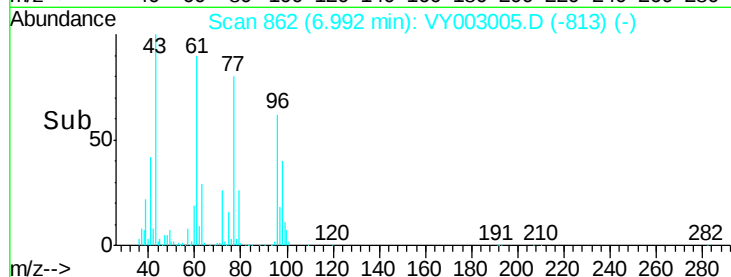
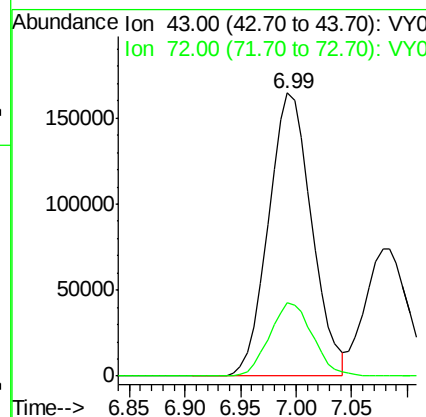
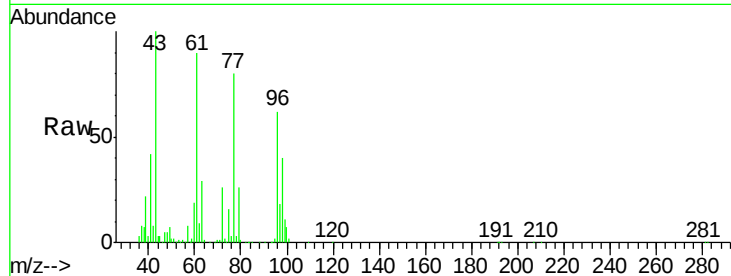
Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.0

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#26

2,2-Dichloropropane

Concen: 49.811 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003005.D

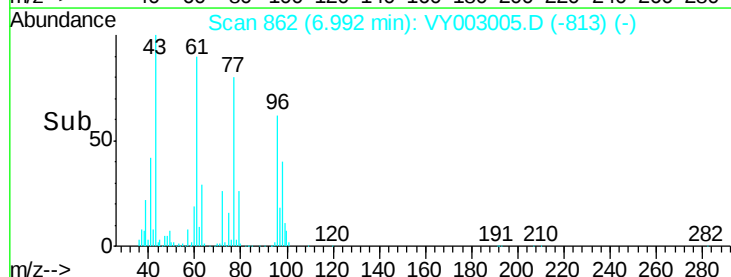
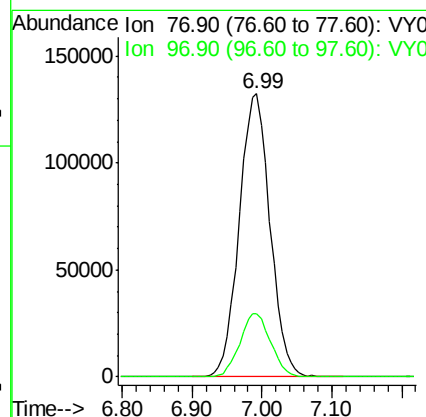
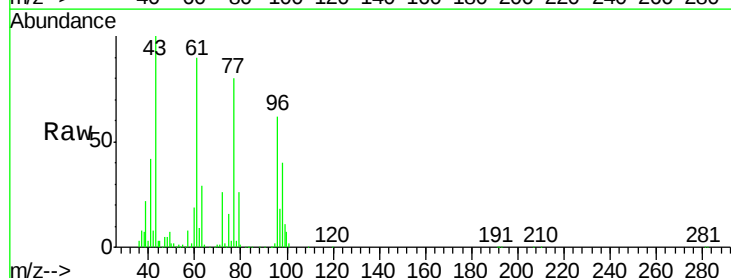
Acq: 29 Jun 2020 13:38

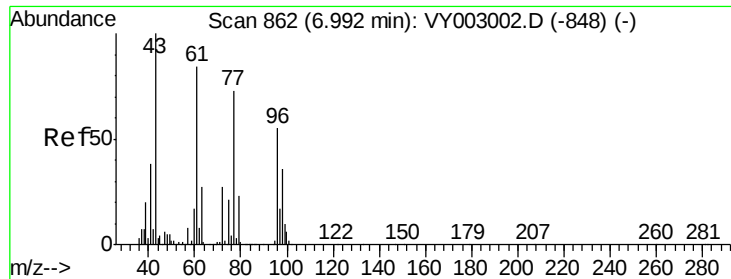
Tgt Ion: 77 Resp: 404834

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9





#27

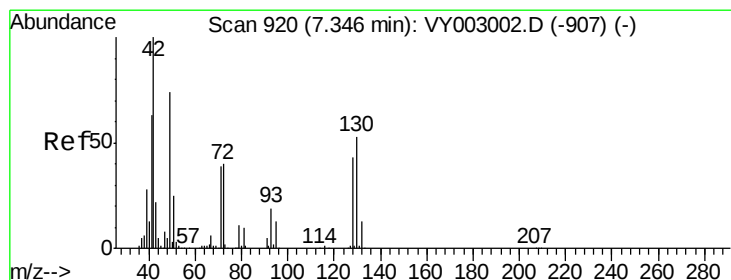
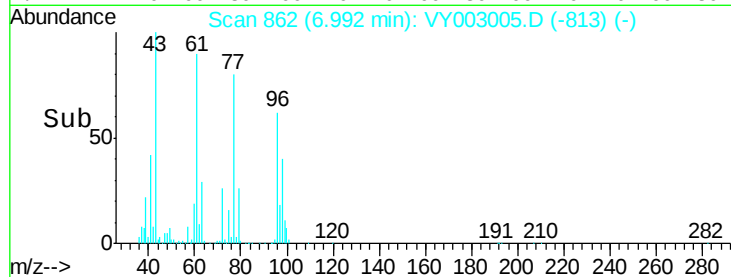
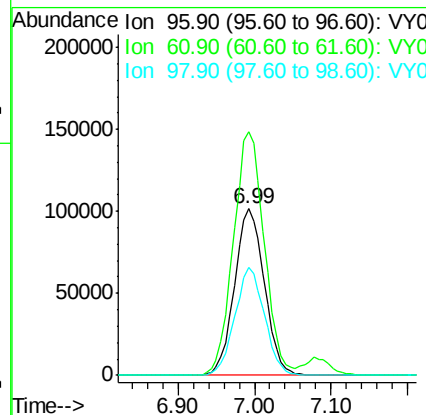
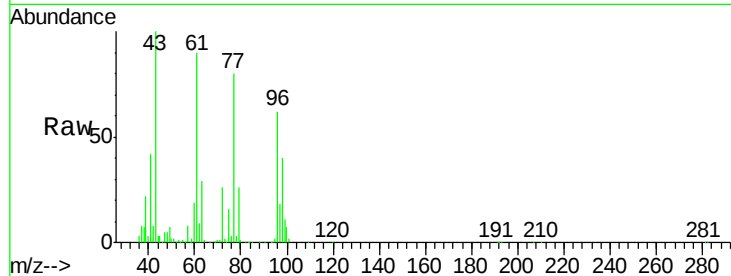
cis-1,2-Dichloroethene
Concen: 49.331 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion	Ratio	Resp	Lower	Upper
96	100	273882		
61	151.3	0.0	301.2	
98	64.4	0.0	129.0	

Manual Integrations
APPROVED

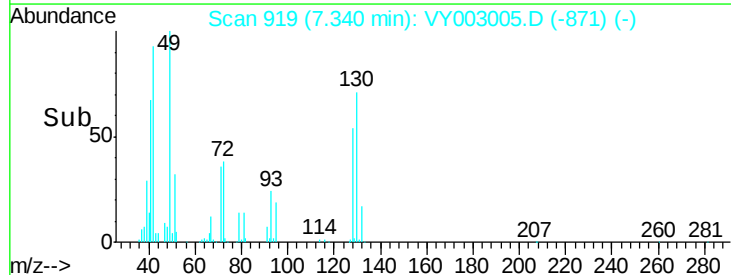
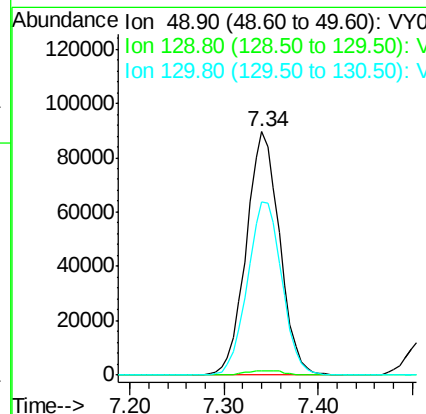
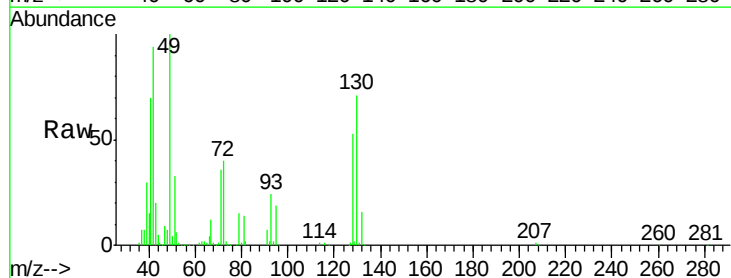
MMDadoda
6/30/2020 12:54:37 PM

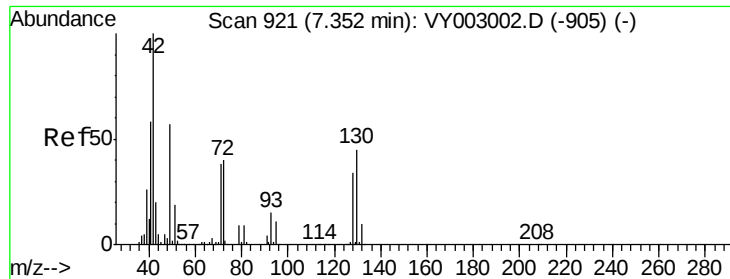


#28

Bromochloromethane
Concen: 55.552 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	221106		
129	2.1	0.0	4.4	
130	73.5	57.0	85.6	





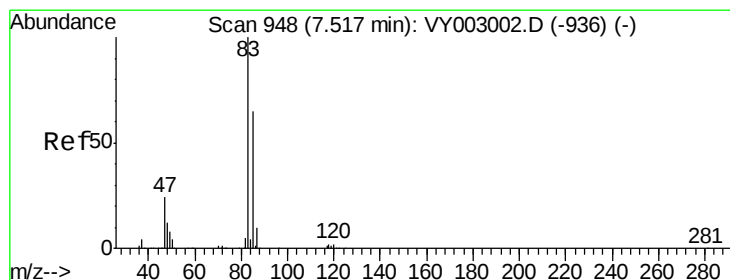
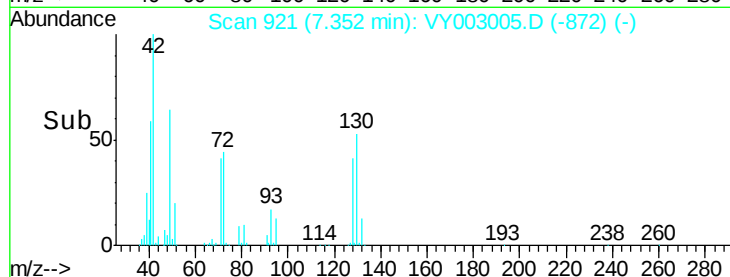
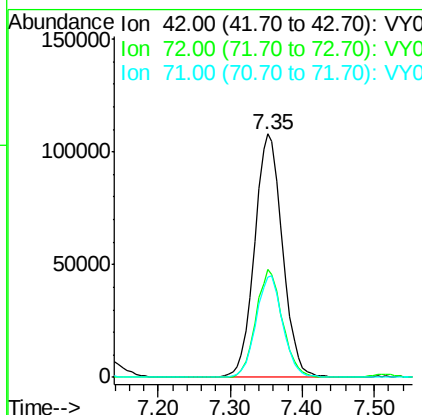
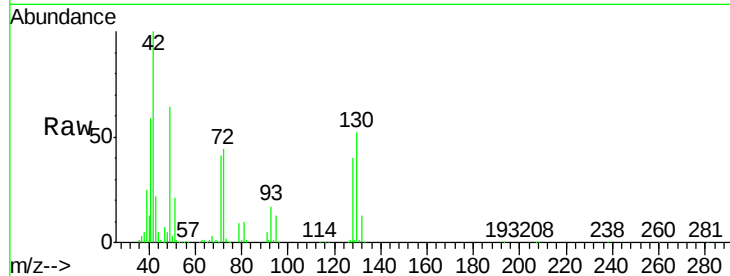
#29
Tetrahydrofuran
Concen: 232.734 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.9	49.3
71	40.0	31.2	46.8

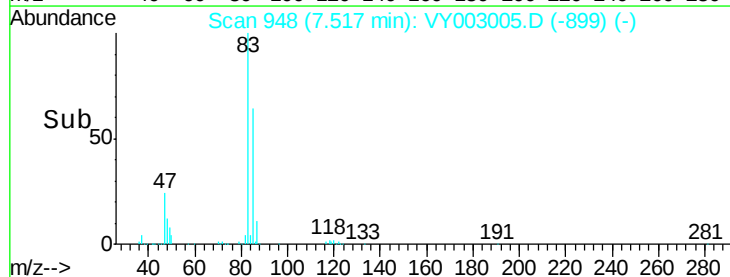
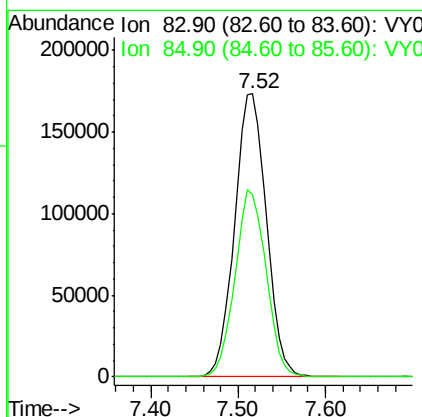
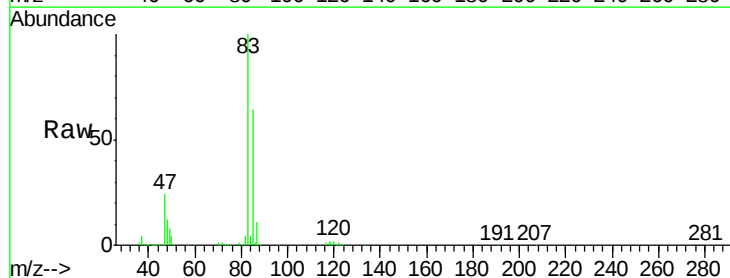
Manual Integrations
APPROVED

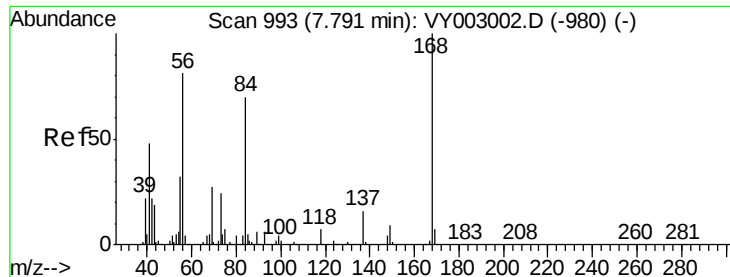
MMDadoda
6/30/2020 12:54:37 PM



#30
Chloroform
Concen: 49.464 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.7	77.5





#31

Cyclohexane

Concen: 47.309 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

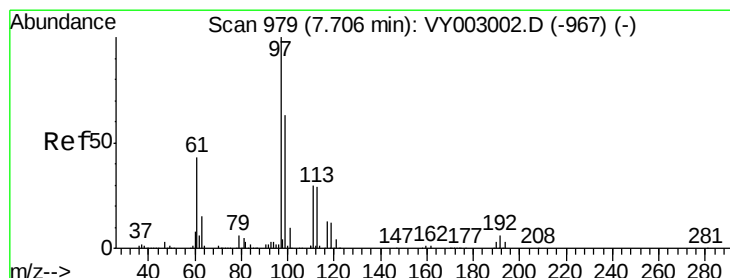
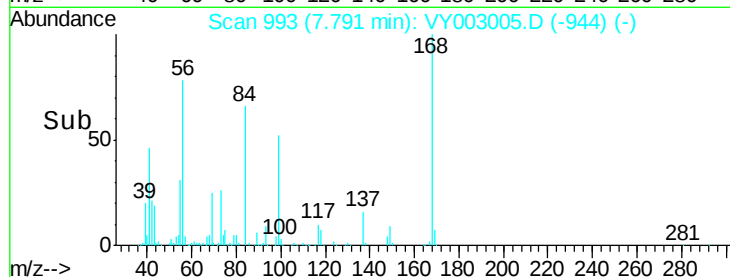
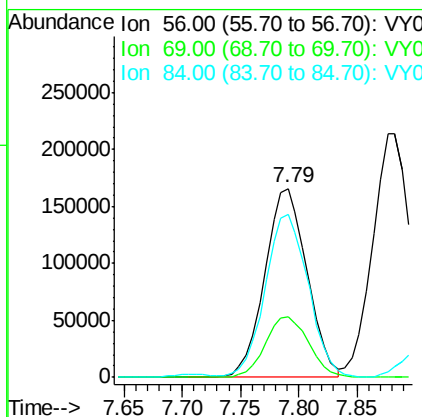
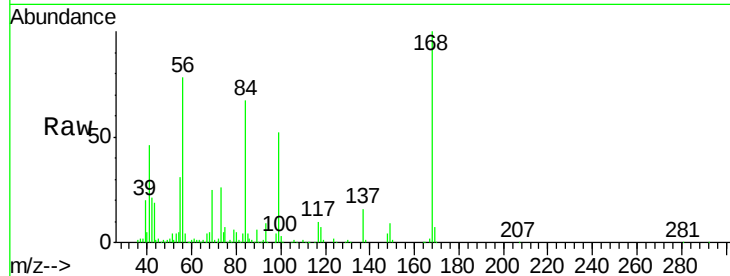
ClientSampleId :

ICVY062920

Tot Ion:	56	Resp:	416903
Ion	Ratio	Lower	Upper
56	100		
69	32.4	27.0	40.4
84	84.6	68.1	102.1

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#32

1,1,1-Trichloroethane

Concen: 49.645 ug/l

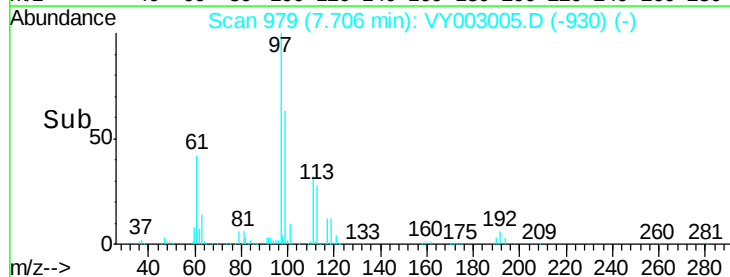
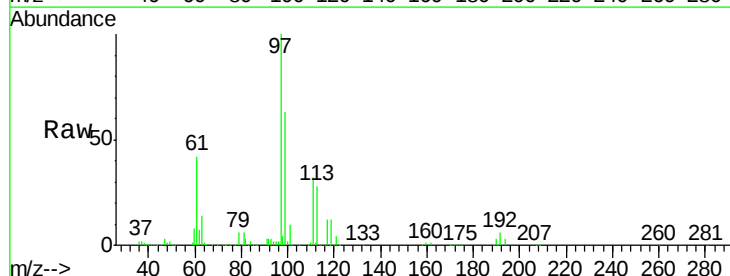
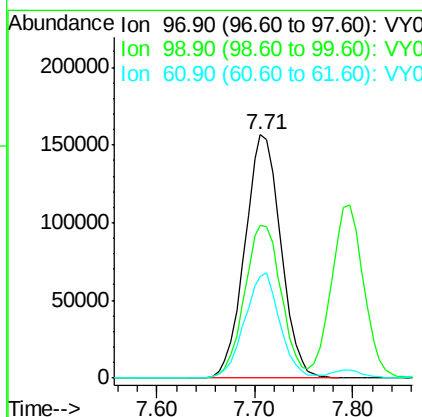
RT: 7.71 min Scan# 979

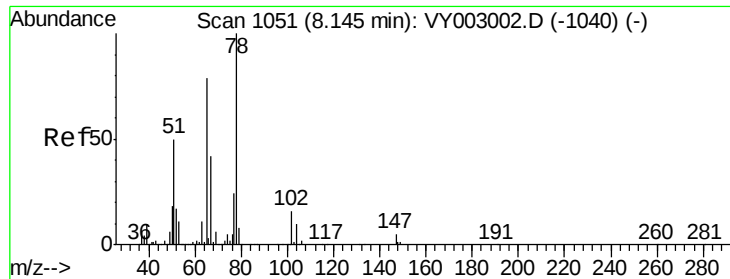
Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion:	97	Resp:	401591
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	42.1	33.9	50.9





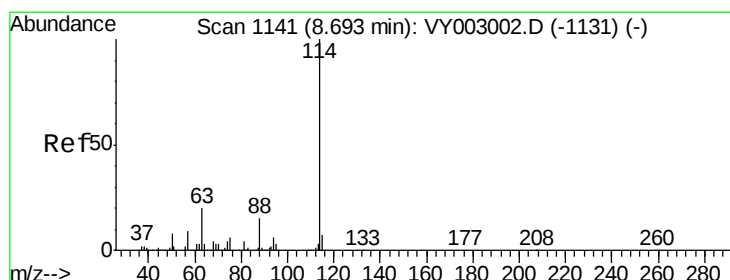
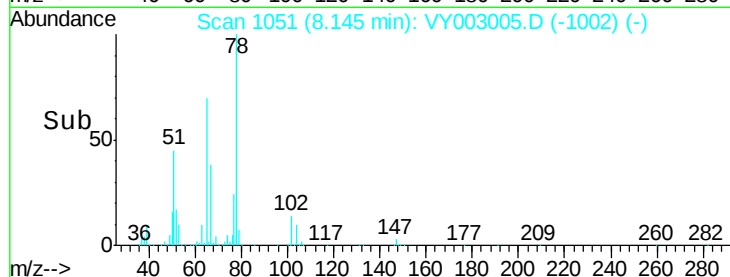
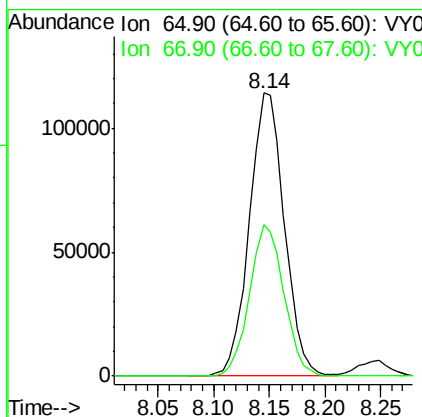
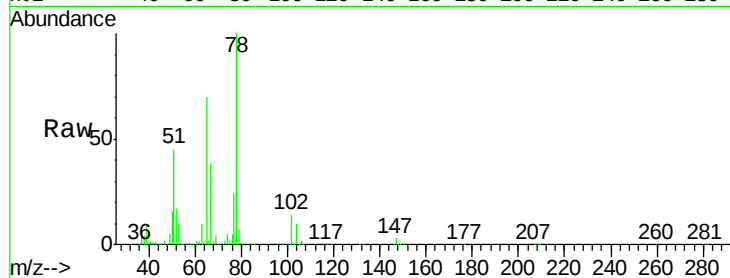
#33
 1,2-Dichloroethane-d4
 Concen: 50.029 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Tot Ion	Ratio	Resp	Lower	Upper
65	100	250675		
67	52.4	0.0	105.6	

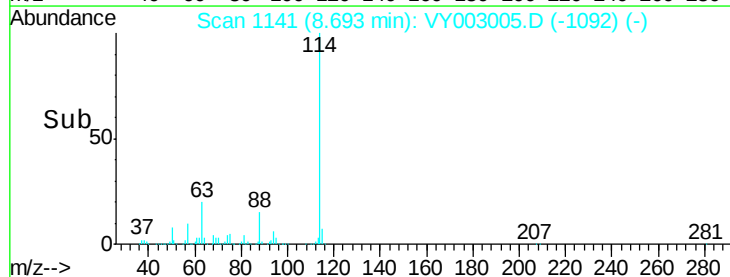
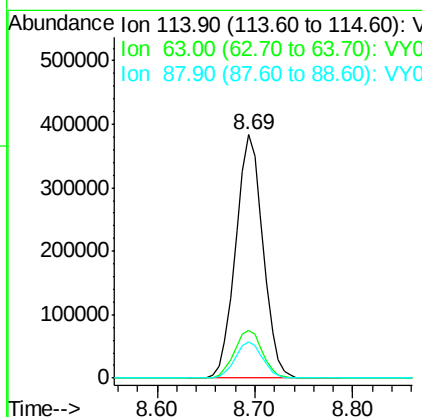
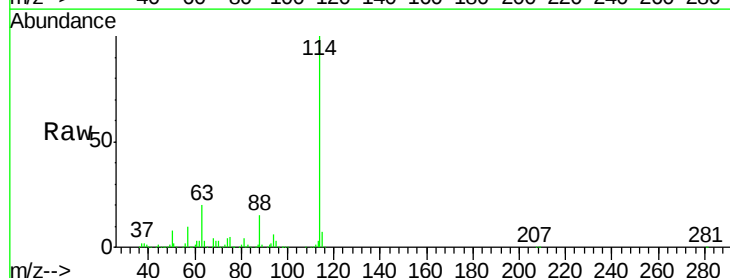
Manual Integrations
 APPROVED

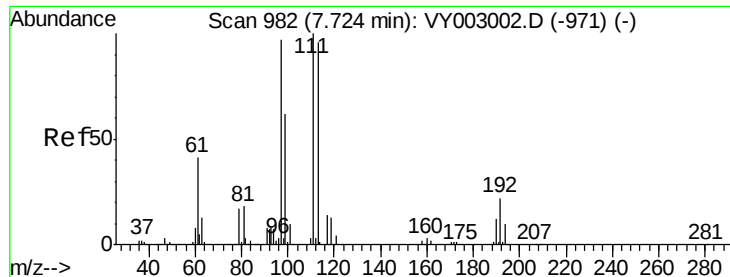
MMDadoda
 6/30/2020 12:54:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	741640		
63	19.8	0.0	40.6	
88	14.9	0.0	30.0	





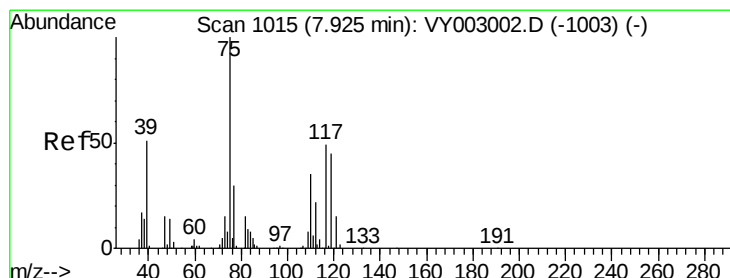
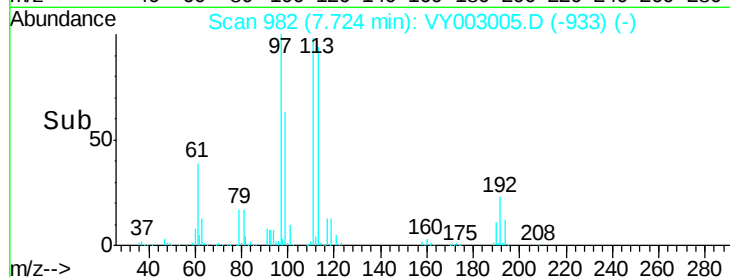
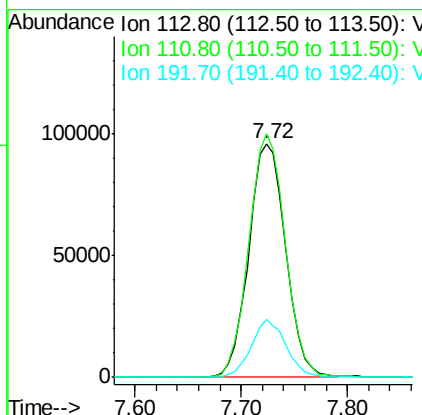
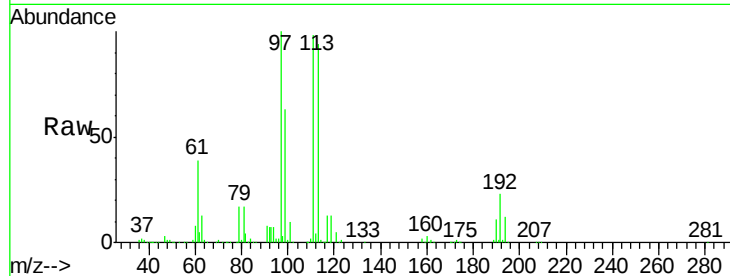
#35
Dibromofluoromethane
Concen: 50.460 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233450		
111	103.1	82.6	123.8	
192	23.3	18.1	27.1	

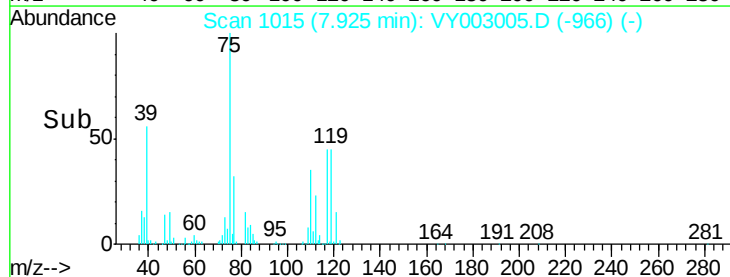
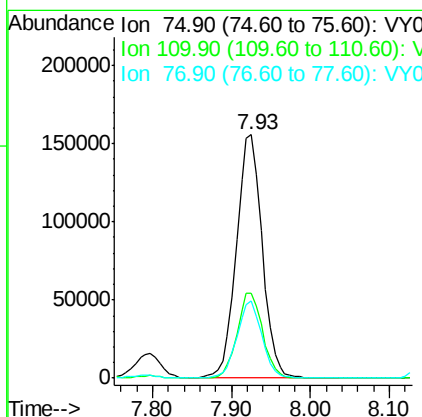
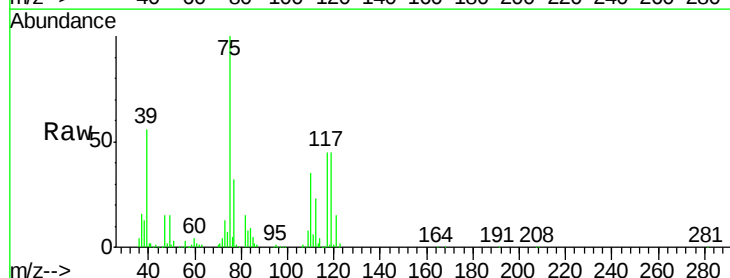
Manual Integrations
APPROVED

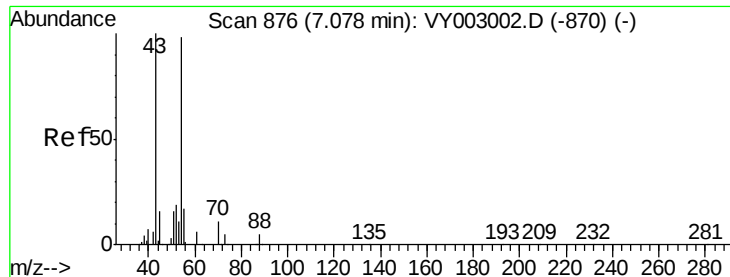
MMDadoda
6/30/2020 12:54:37 PM



#36
1,1-Dichloropropene
Concen: 49.662 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	354777		
110	34.6	17.1	51.2	
77	30.8	24.9	37.3	





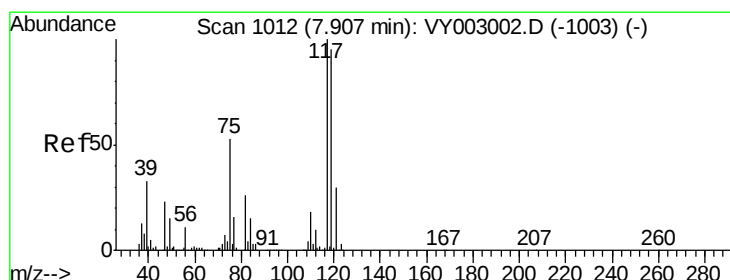
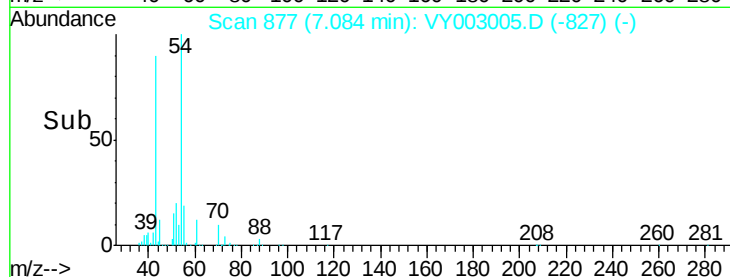
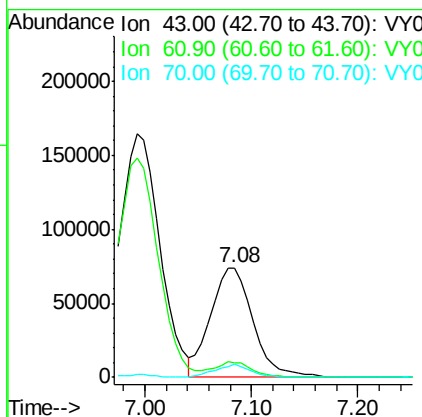
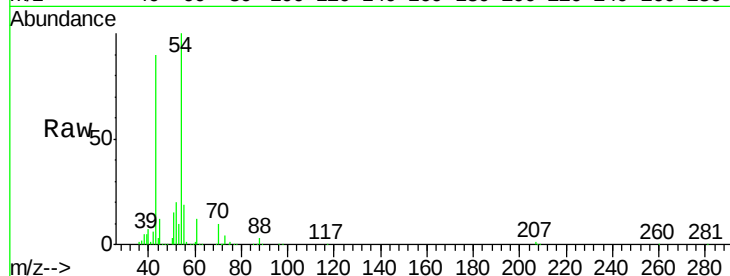
#37
Ethyl Acetate
Concen: 47.010 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion	43	Resp	201920
Ion Ratio	Lower	Upper	
43	100		
61	12.5	10.4	15.6
70	10.3	7.7	11.5

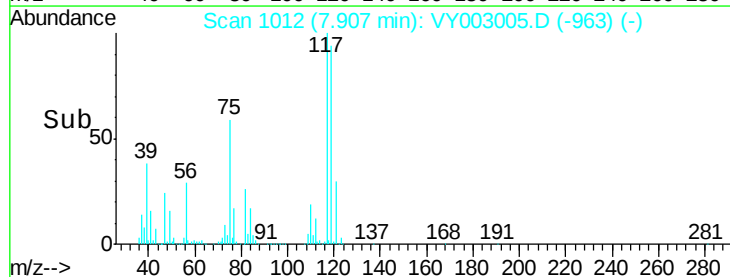
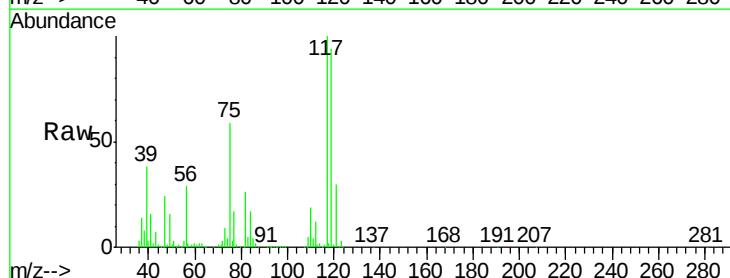
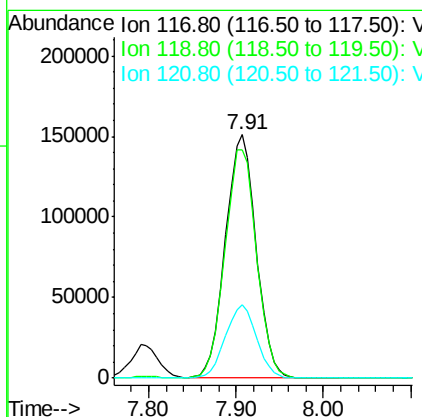
Manual Integrations
APPROVED

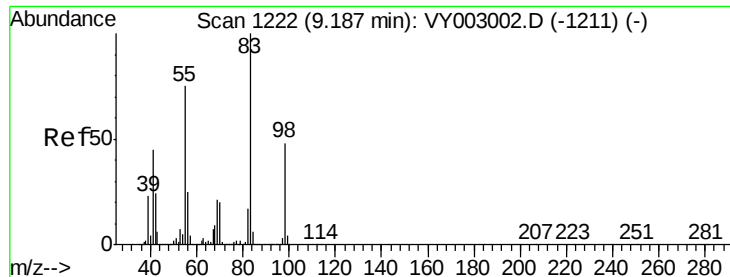
MMDadoda
6/30/2020 12:54:37 PM



#38
Carbon Tetrachloride
Concen: 49.774 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	117	Resp	369949
Ion Ratio	Lower	Upper	
117	100		
119	94.0	75.7	113.5
121	30.3	23.9	35.9





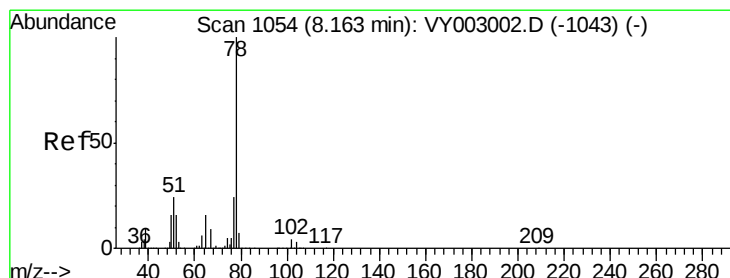
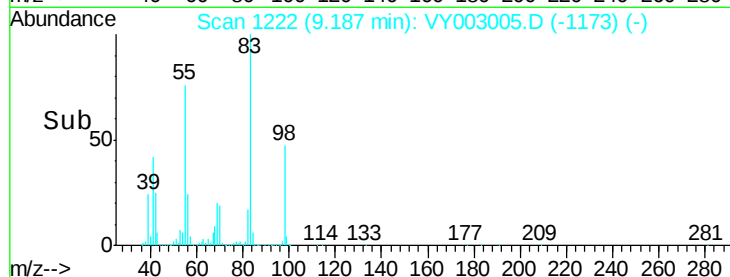
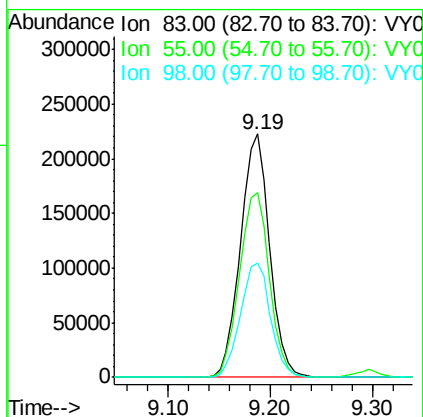
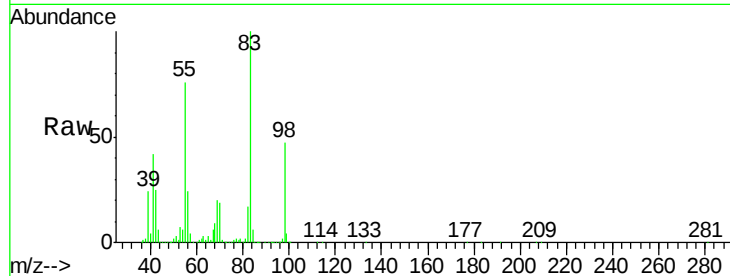
#39
Methvlcvclohexane
Concen: 50.006 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	59.9	89.9
98	46.8	38.7	58.1

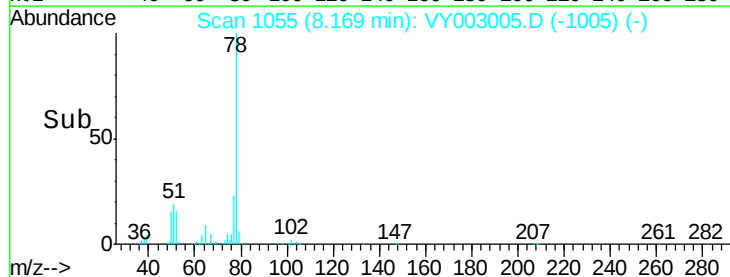
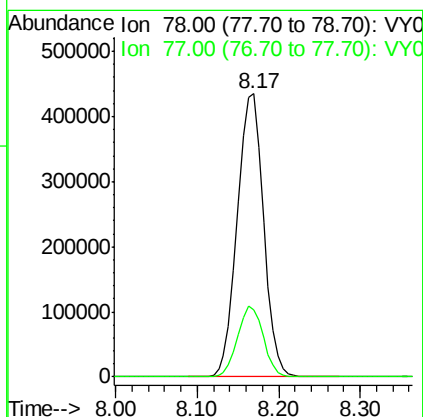
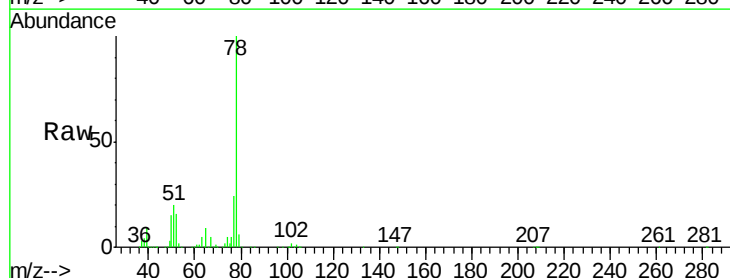
Manual Integrations
APPROVED

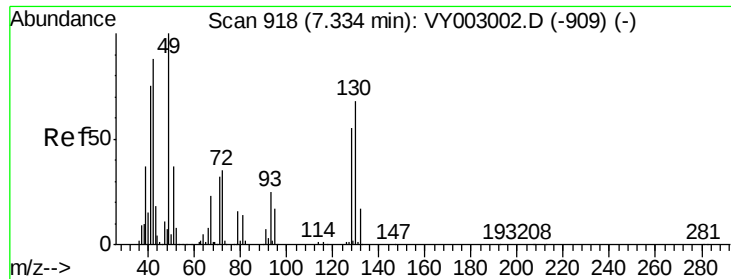
MMDadoda
6/30/2020 12:54:37 PM



#40
Benzene
Concen: 49.565 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





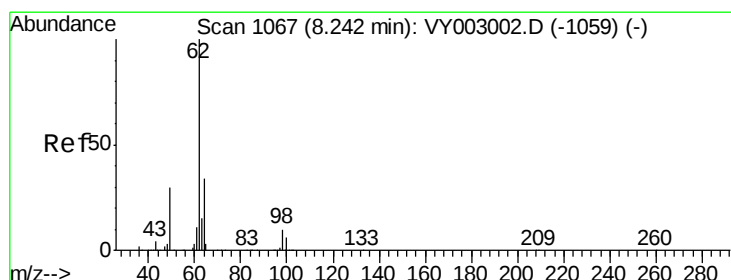
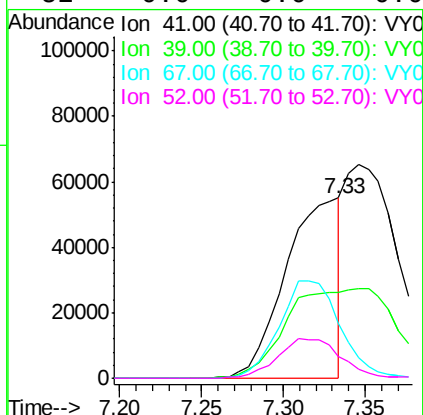
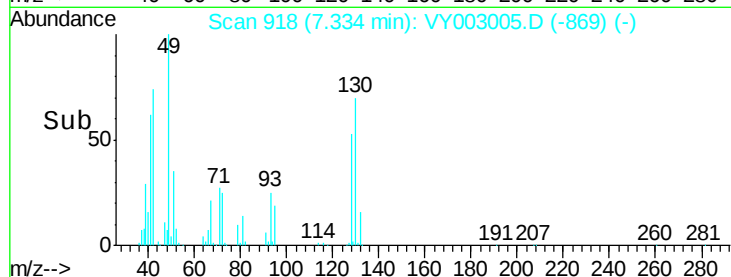
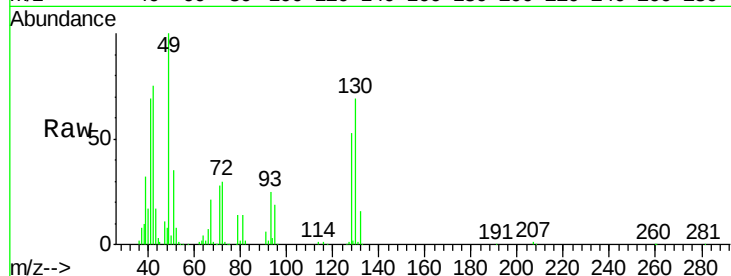
#41
Methacrylonitrile
Concen: 56.148 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion	41	Resp	128828
Ion	Ratio	Lower	Upper
41	100		
39	97.5	85.7	128.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

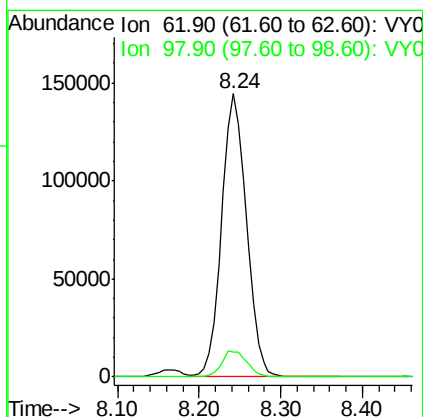
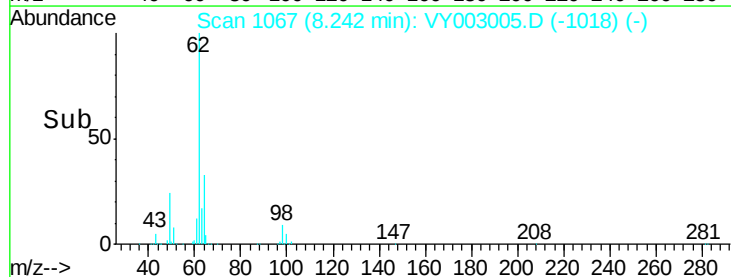
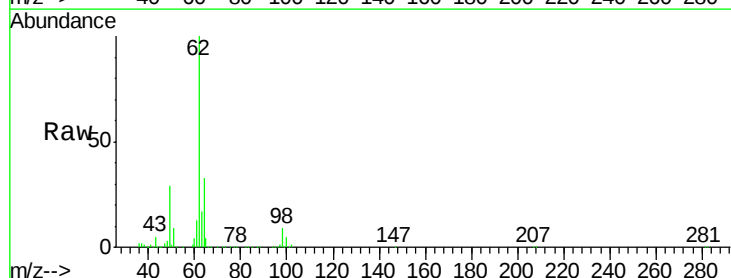
Manual Integrations
APPROVED

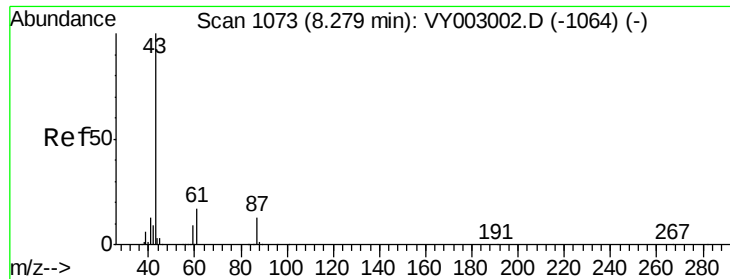
MMDadoda
6/30/2020 12:54:37 PM



#42
1,2-Dichloroethane
Concen: 49.294 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	62	Resp	304988
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





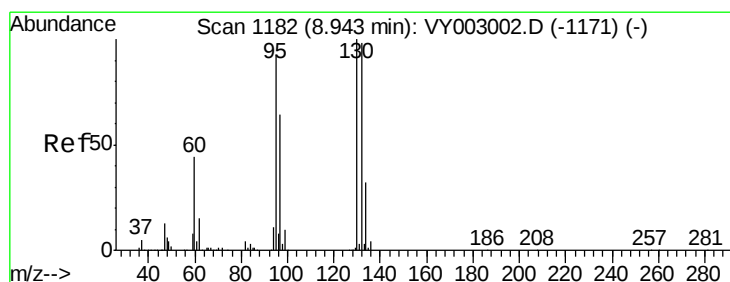
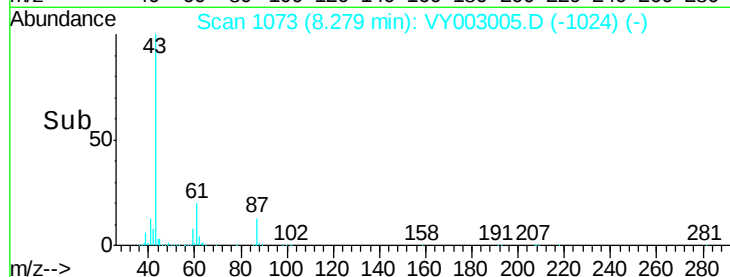
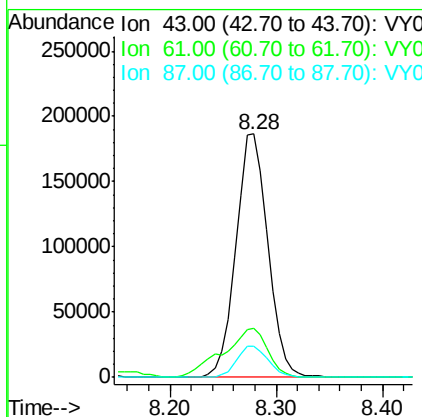
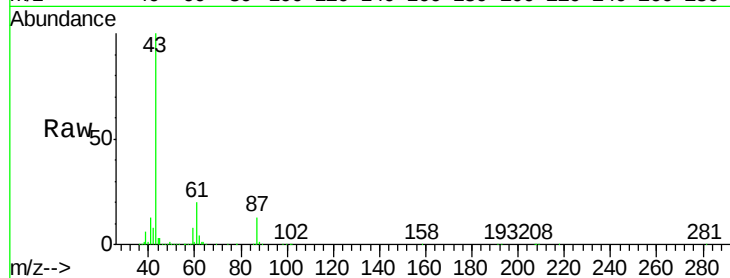
#43
Isopropyl Acetate
Concen: 48.135 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.0	21.8	32.6
87	12.7	10.1	15.1

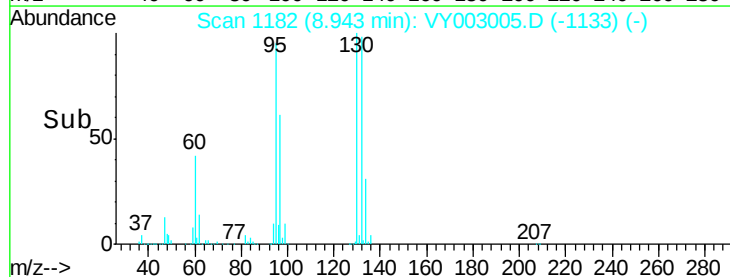
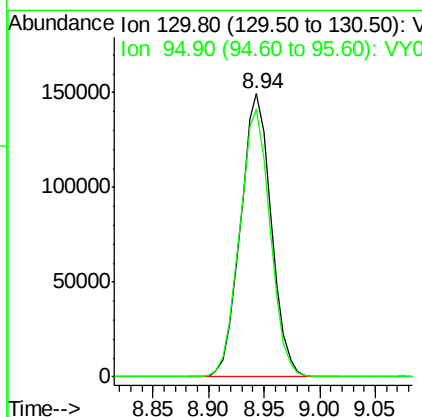
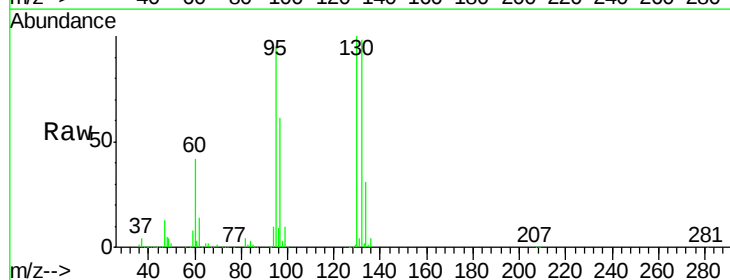
Manual Integrations
APPROVED

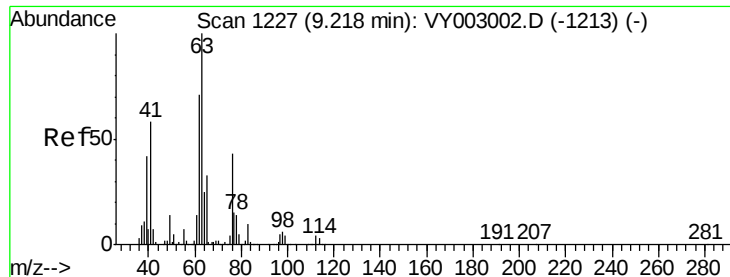
MMDadoda
6/30/2020 12:54:37 PM



#44
Trichloroethene
Concen: 50.162 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	186.4





#45

1,2-Dichloropropane

Concen: 49.109 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

Tot Ion: 63 Resp: 258396

Ion Ratio Lower Upper

63 100

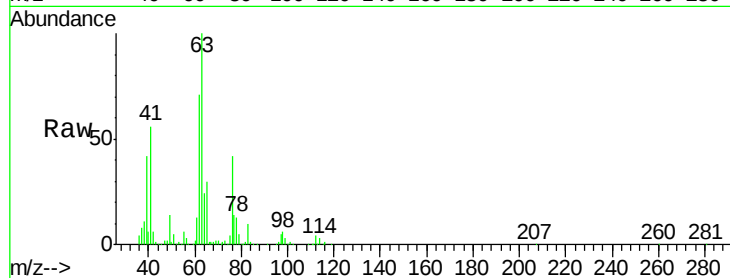
65 29.9 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

6/30/2020 12:54:37 PM



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

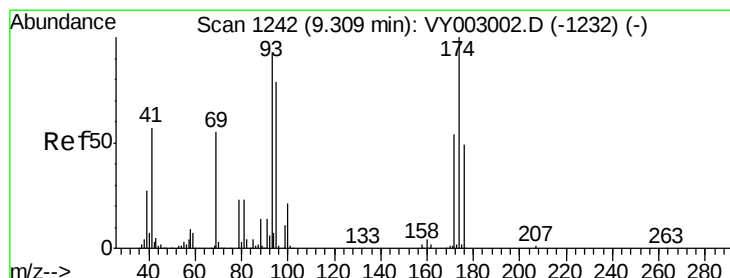
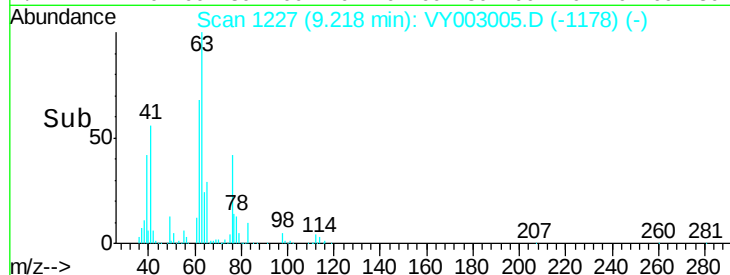
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.147 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

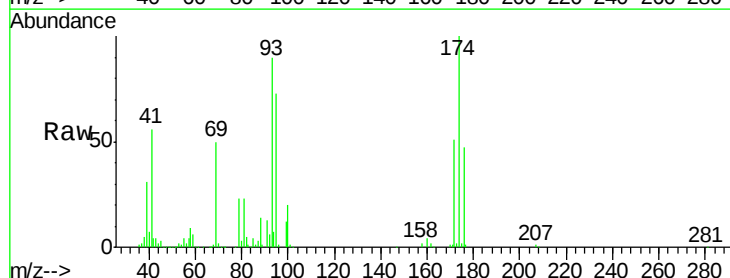
Tgt Ion: 93 Resp: 144432

Ion Ratio Lower Upper

93 100

95 81.5 67.6 101.4

174 110.9 88.3 132.5



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

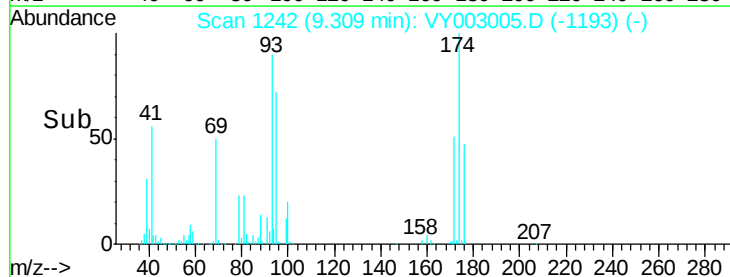
60000

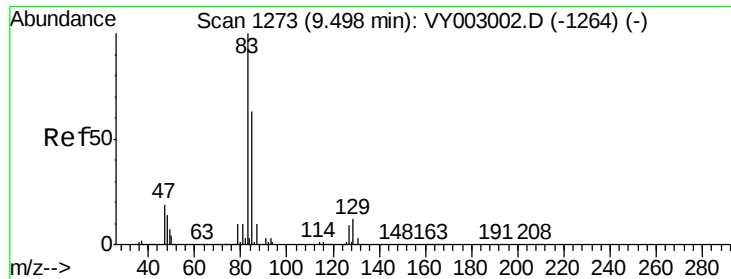
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 49.341 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

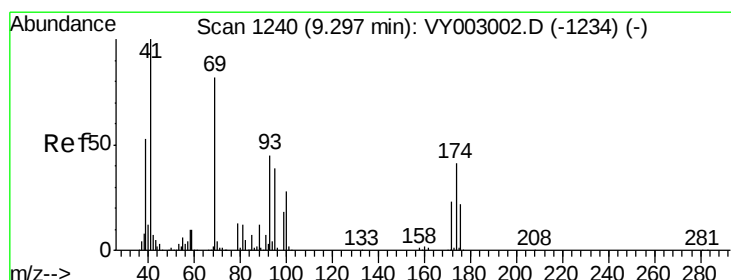
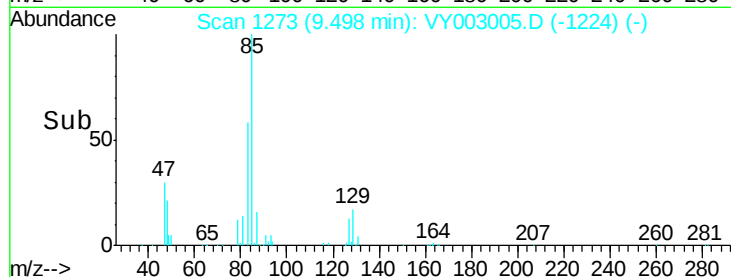
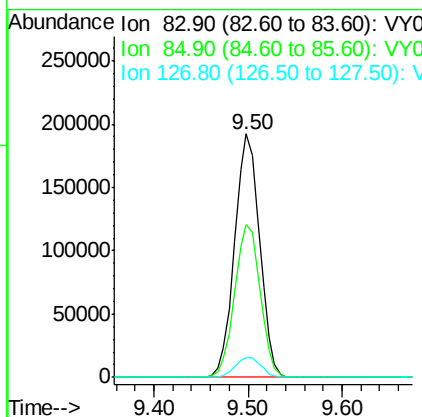
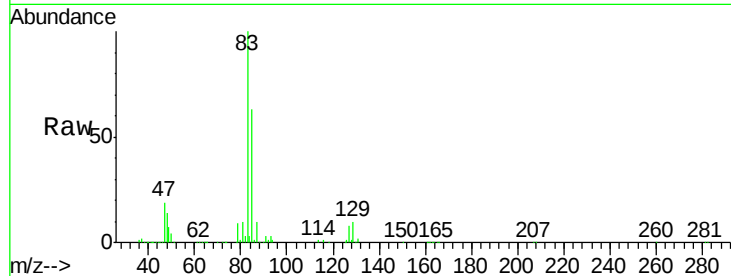
ClientSampleId :

ICVY062920

Tot Ion:	83	Resp:	355055
Ion Ratio	Lower	Upper	
83	100		
85	62.7	50.5	75.7
127	8.0	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#48

Methyl methacrylate

Concen: 48.454 ug/l

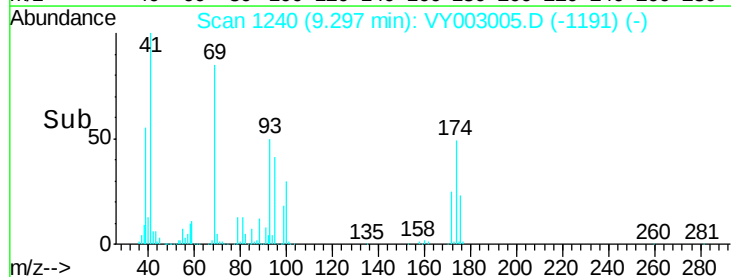
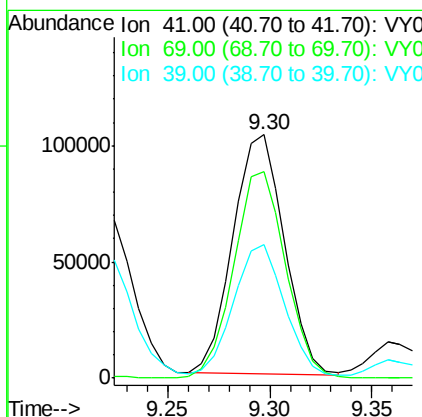
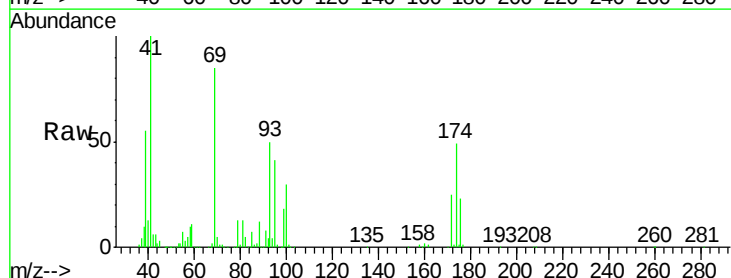
RT: 9.30 min Scan# 1240

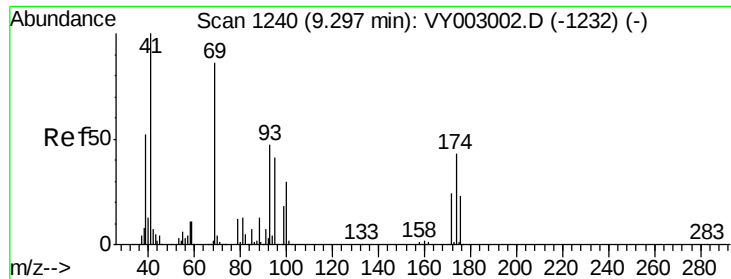
Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion:	41	Resp:	180090
Ion Ratio	Lower	Upper	
41	100		
69	86.8	67.7	101.5
39	53.9	45.0	67.4





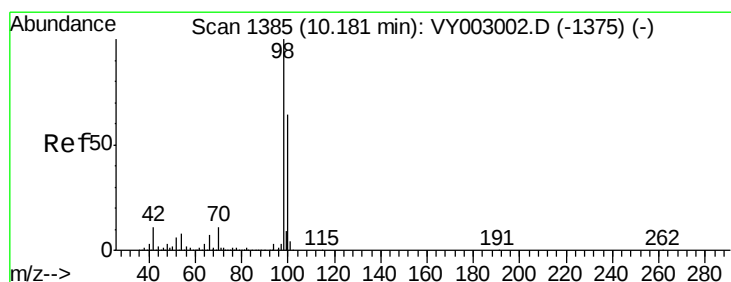
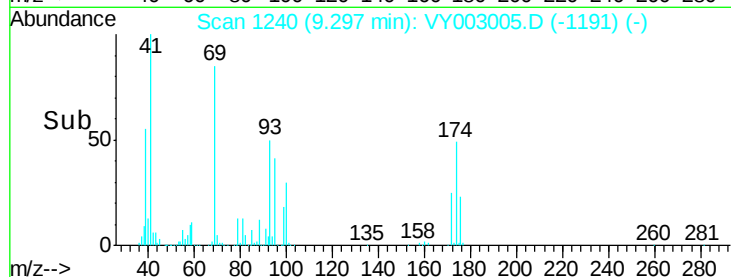
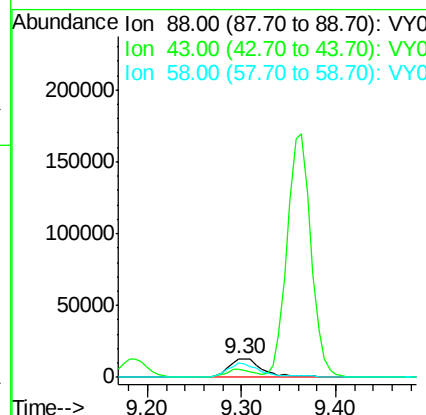
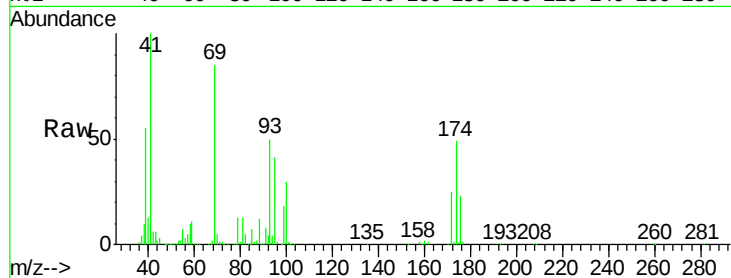
#49
1,4-Dioxane
Concen: 944.316 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	28.6	42.8
58	76.5	56.7	85.1

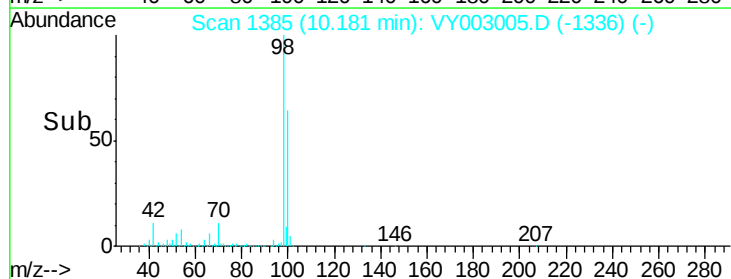
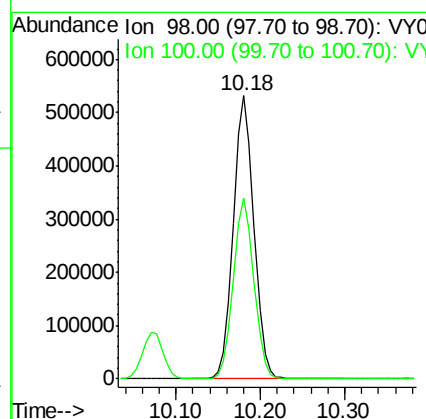
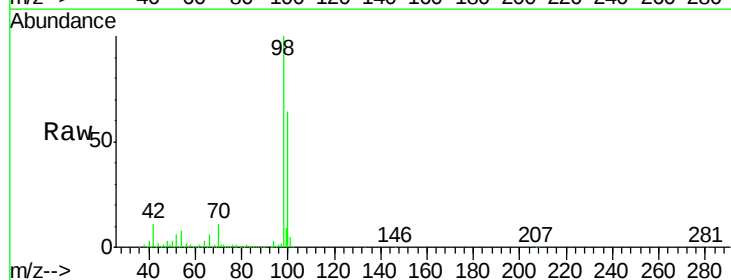
Manual Integrations
APPROVED

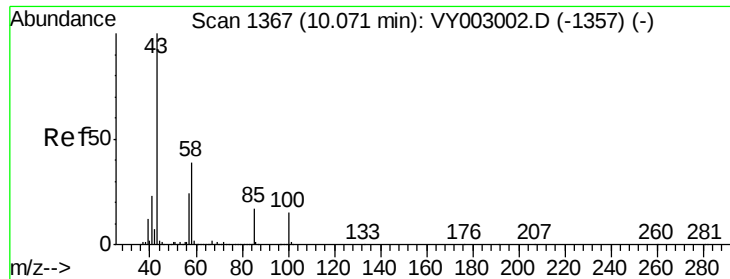
MMDadoda
6/30/2020 12:54:37 PM



#50
Toluene-d8
Concen: 51.383 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7





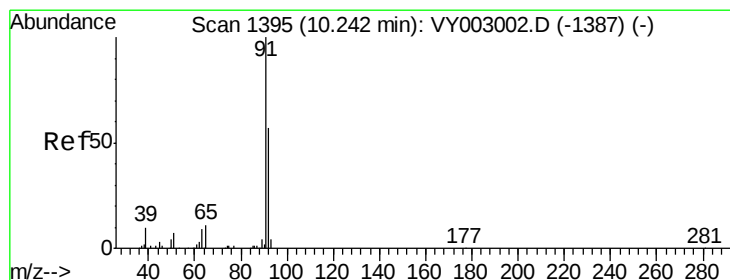
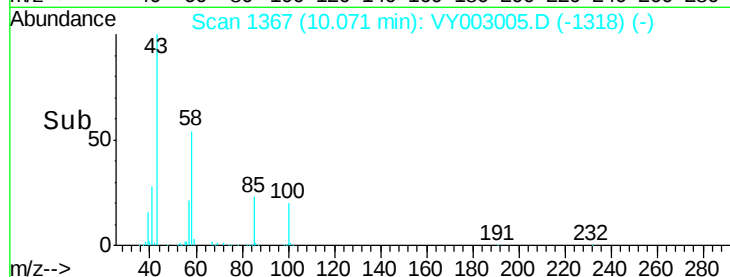
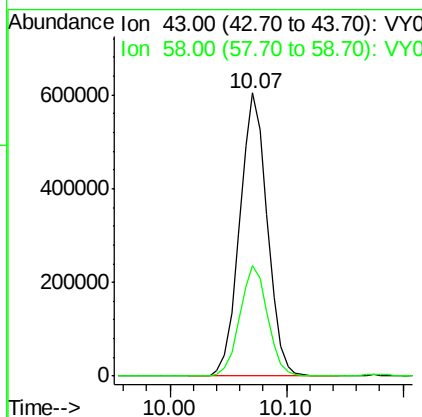
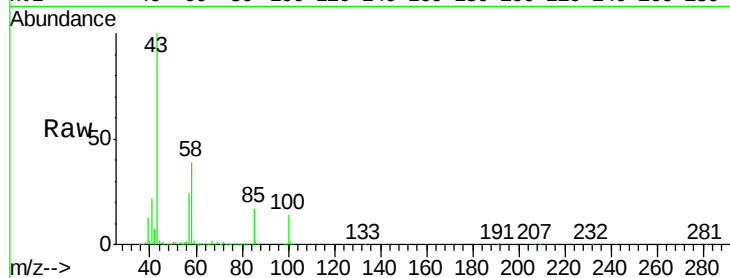
#51
4-Methyl-2-Pentanone
Concen: 236.438 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion	43	Resp	997855
Ion Ratio	100	Lower	Upper
43	100		
58	39.3	31.1	46.7

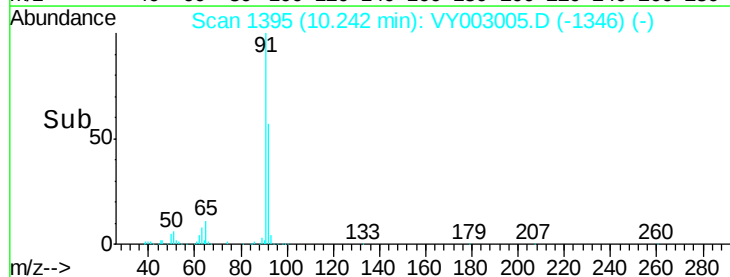
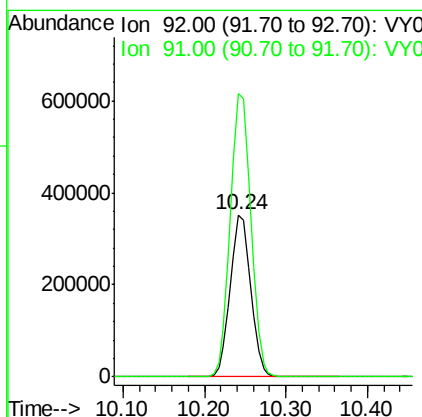
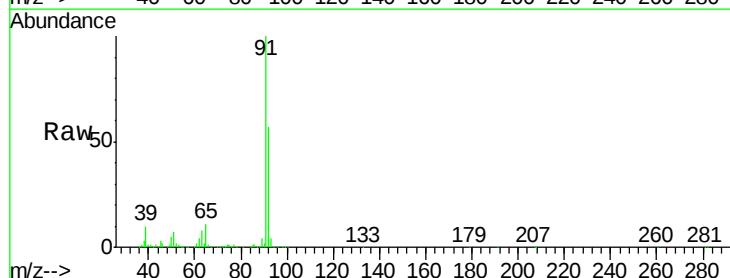
Manual Integrations
APPROVED

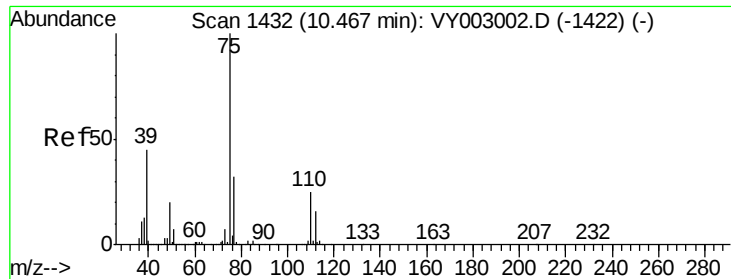
MMDadoda
6/30/2020 12:54:37 PM



#52
Toluene
Concen: 49.033 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	92	Resp	603672
Ion Ratio	100	Lower	Upper
92	100		
91	177.1	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 50.227 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

Tot Ion: 75 Resp: 378933

Ion Ratio Lower Upper

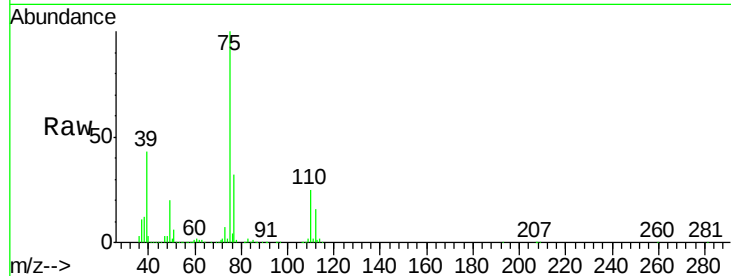
75 100

77 32.3 25.9 38.9

Manual Integrations
APPROVED

MMDadoda

6/30/2020 12:54:37 PM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

250000

200000

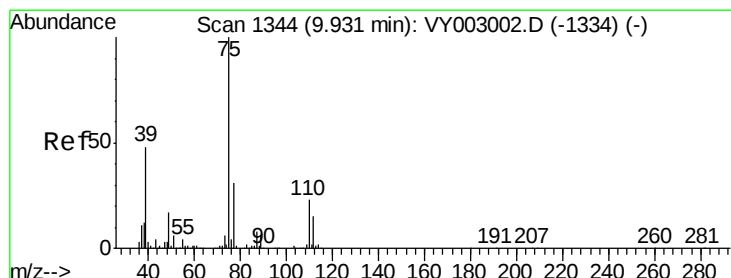
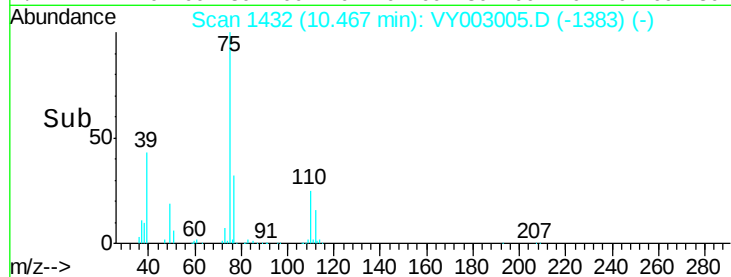
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.232 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

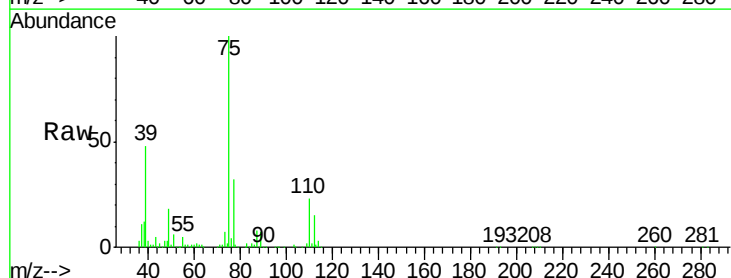
Tgt Ion: 75 Resp: 424785

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 48.1 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

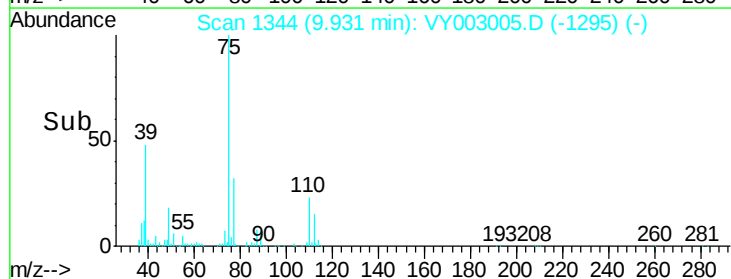
300000

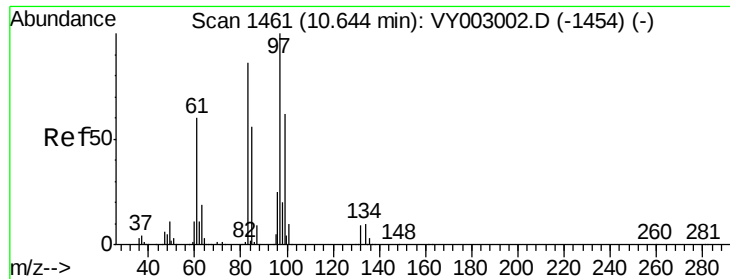
200000

100000

0

Time-->





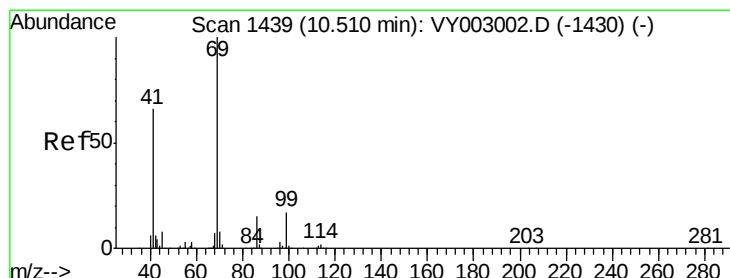
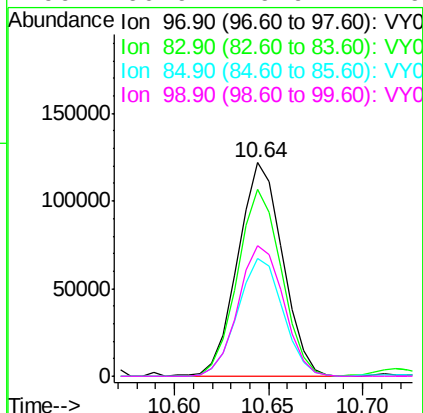
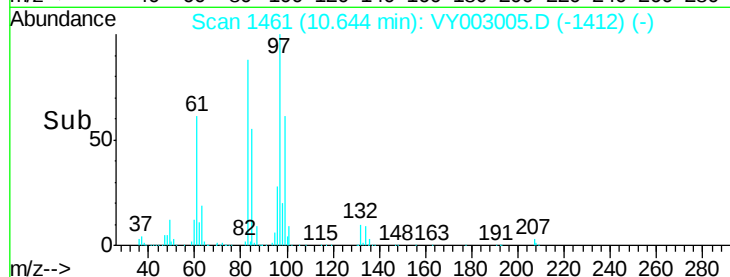
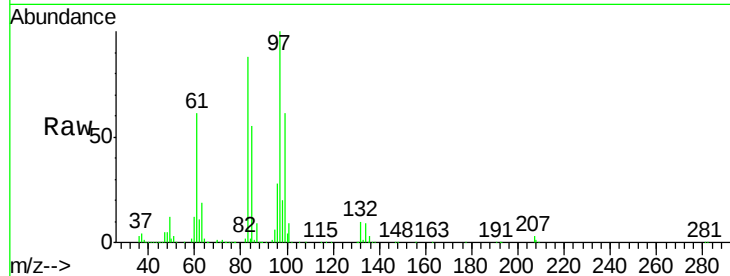
#55
 1,1,2-Trichloroethane
 Concen: 49.112 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.0	103.6
85	55.1	44.8	67.2
99	60.9	49.9	74.9

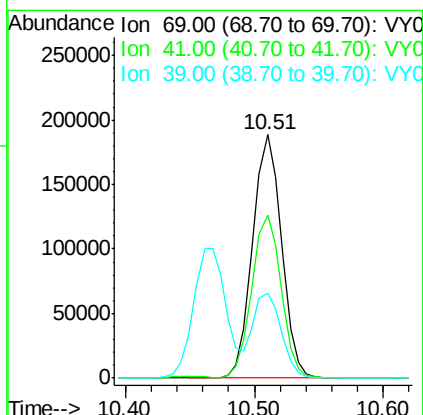
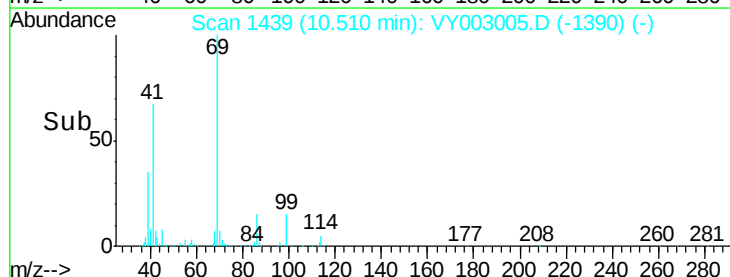
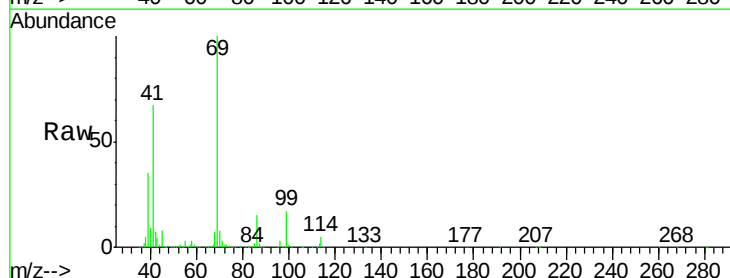
Manual Integrations
 APPROVED

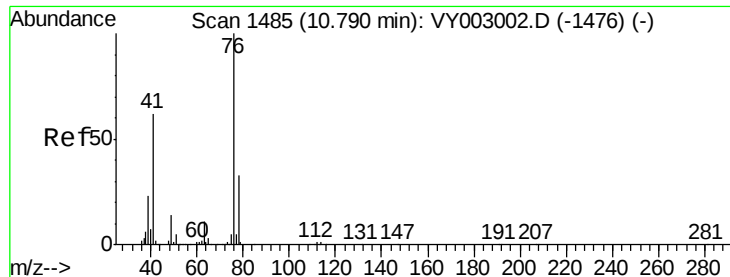
MMDadoda
 6/30/2020 12:54:37 PM



#56
 Ethyl methacrylate
 Concen: 49.266 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.7	80.5
39	33.6	28.3	42.5





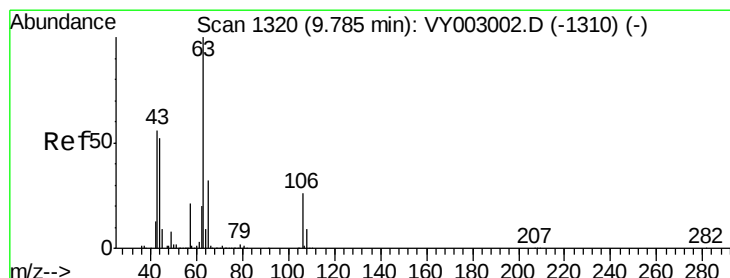
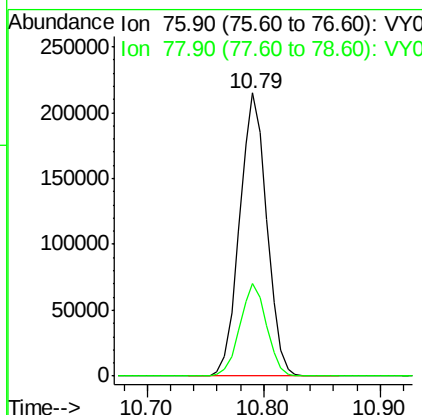
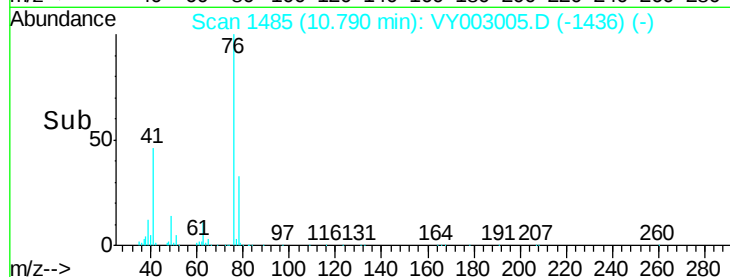
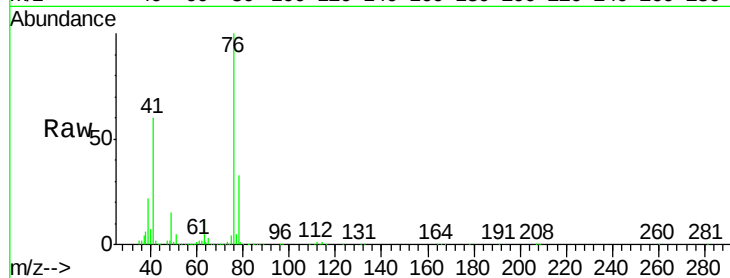
#57
 1,3-Dichloropropane
 Concen: 48.777 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

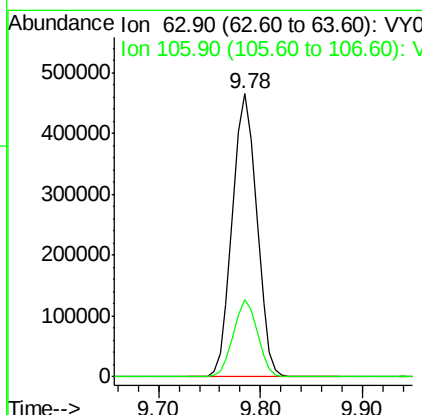
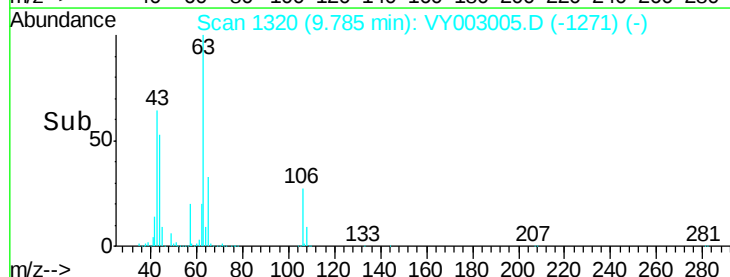
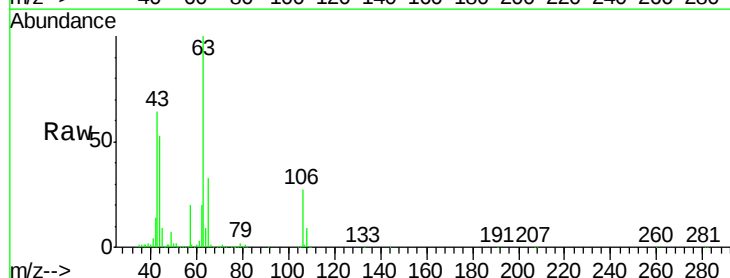
Manual Integrations
 APPROVED

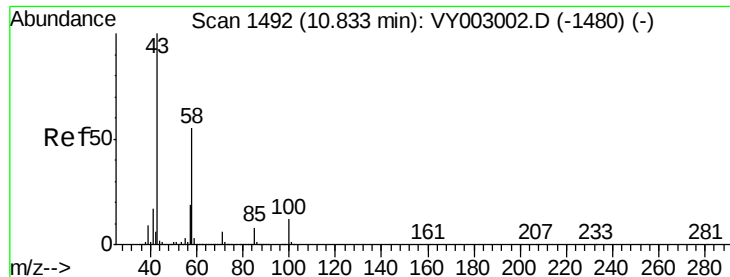
MMDadoda
 6/30/2020 12:54:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.976 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.5	32.3





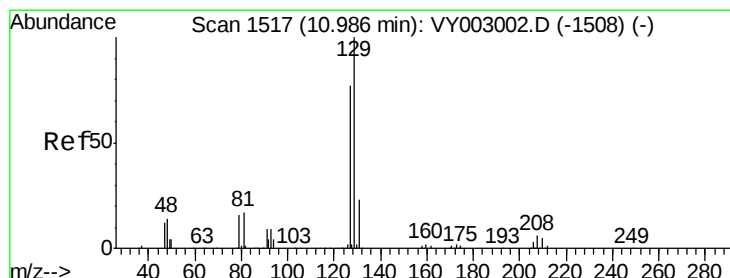
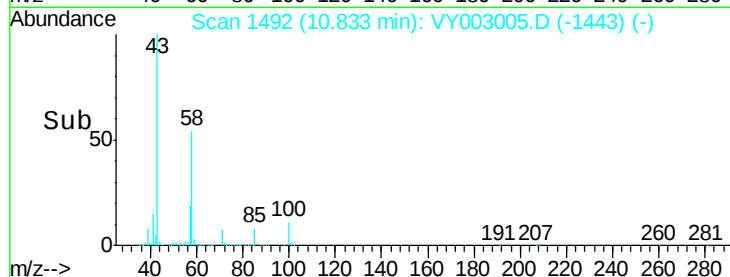
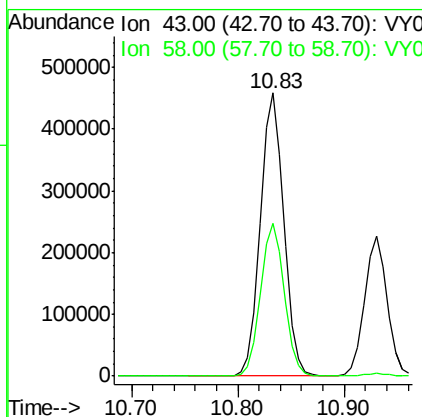
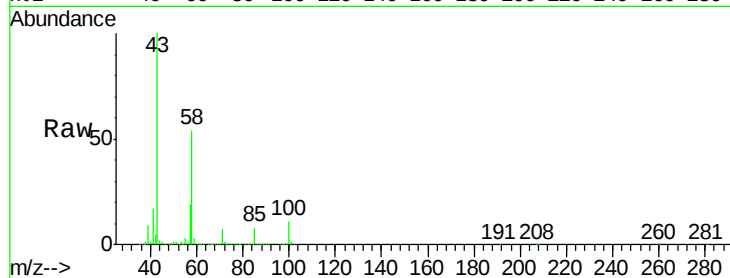
#59
2-Hexanone
Concen: 241.417 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion: 43 Resp: 712153
Ion Ratio Lower Upper
43 100
58 54.4 27.5 82.4

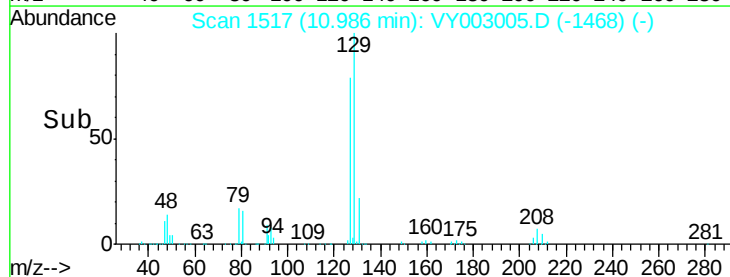
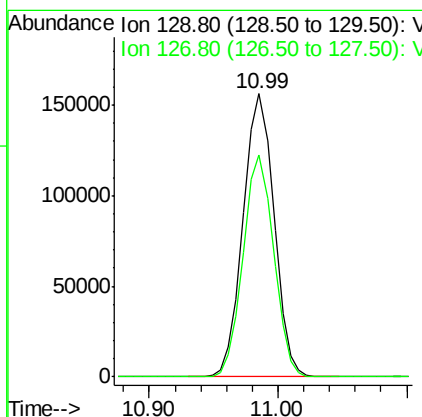
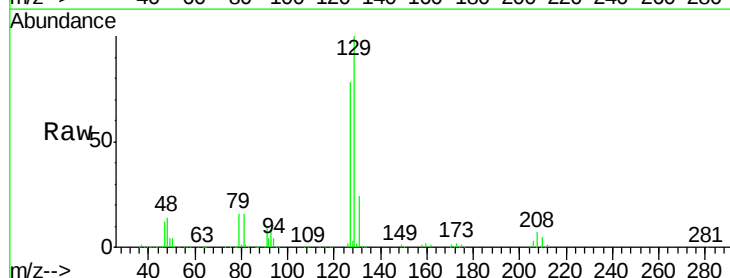
Manual Integrations
APPROVED

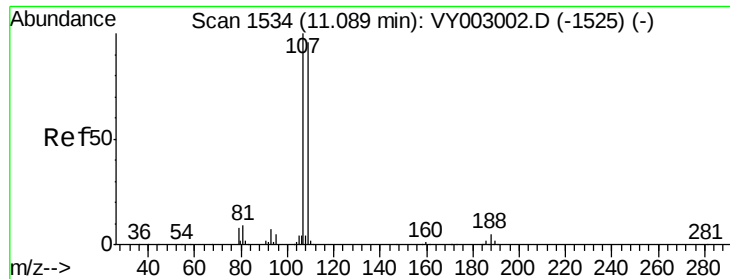
MMDadoda
6/30/2020 12:54:37 PM



#60
Dibromochloromethane
Concen: 49.705 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 129 Resp: 259762
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3





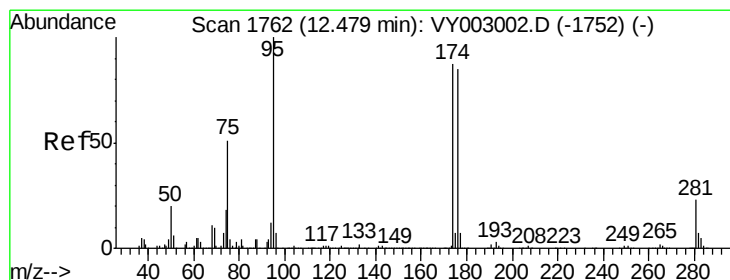
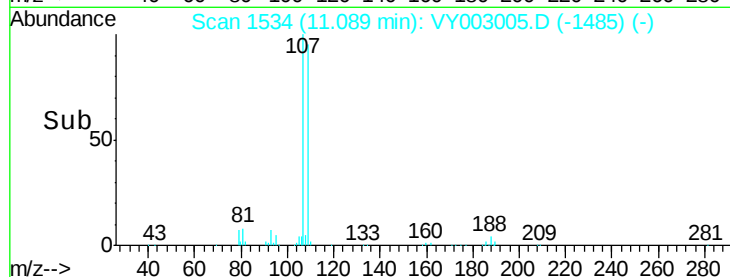
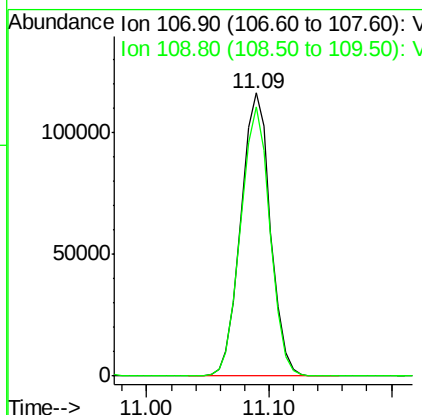
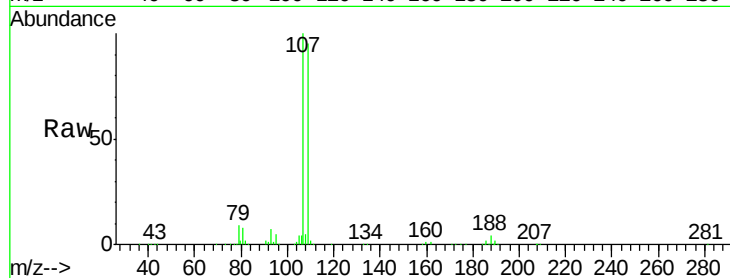
#61
 1,2-Dibromoethane
 Concen: 48.174 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.8

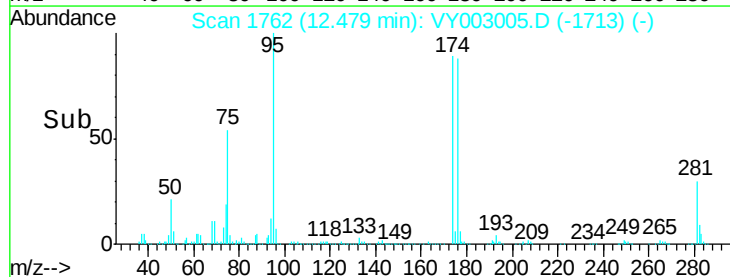
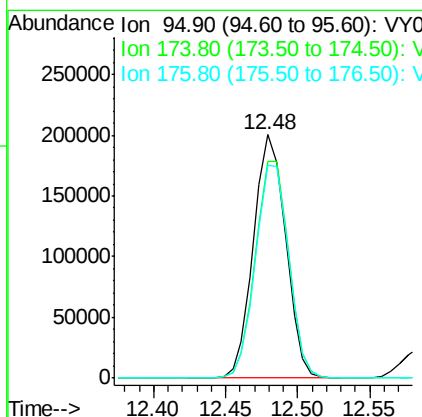
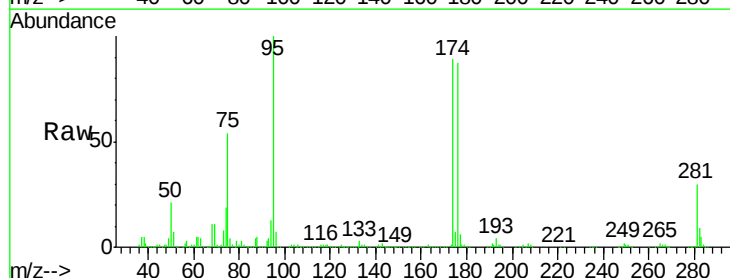
Manual Integrations
 APPROVED

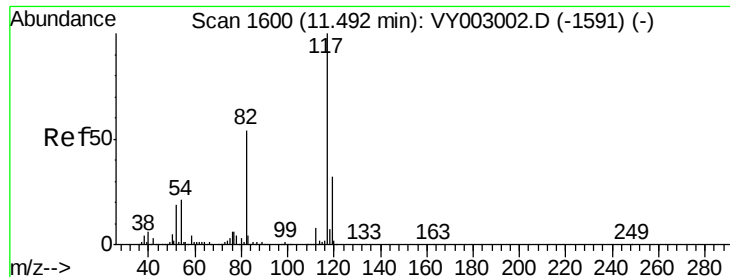
MMDadoda
 6/30/2020 12:54:37 PM



#62
 4-Bromofluorobenzene
 Concen: 51.118 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	184.8
176	90.4	0.0	183.0





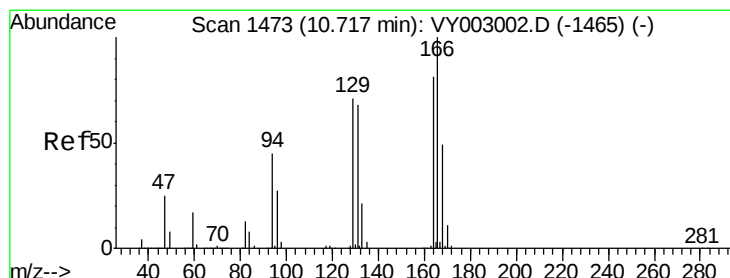
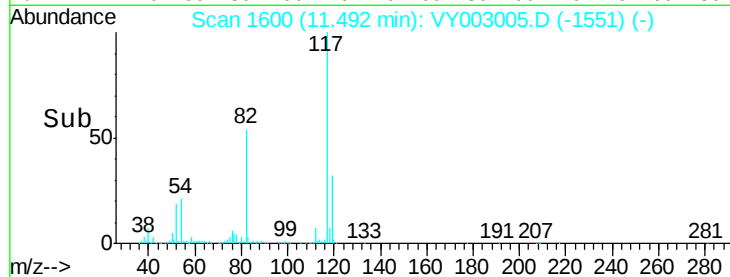
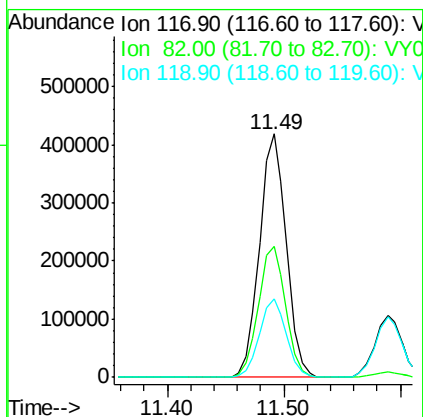
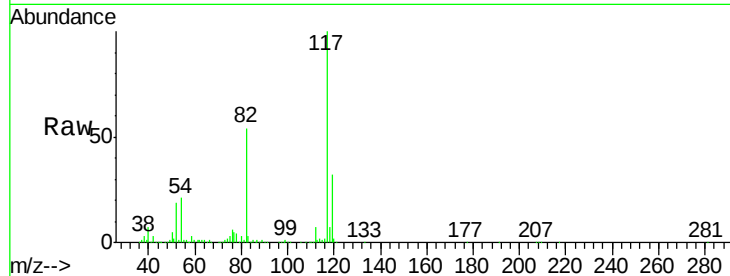
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

Tot Ion	Ratio	Resp	Lower	Upper
117	100	668912		
82	53.9		43.0	64.6
119	32.1		25.8	38.8

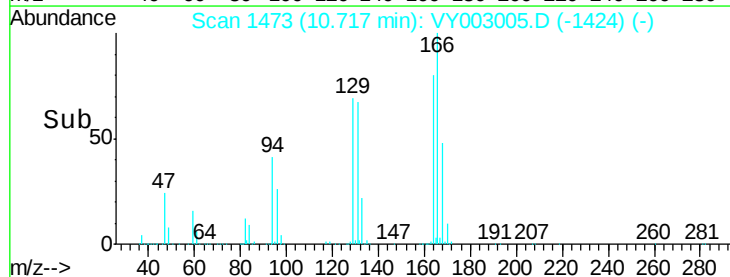
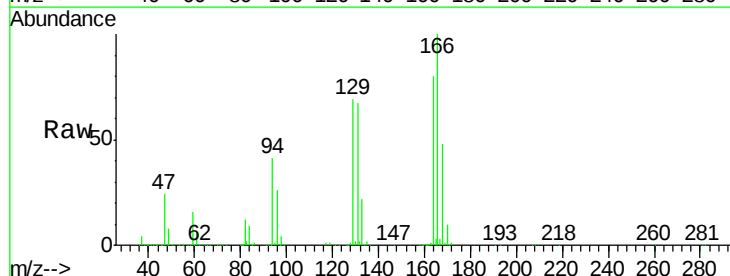
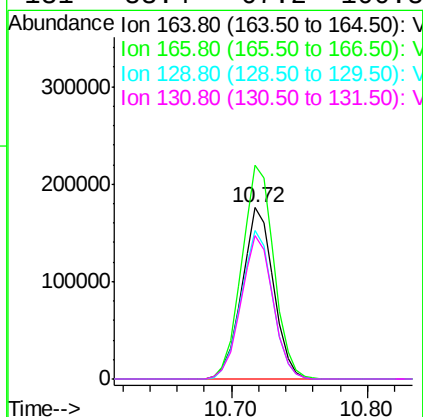
Manual Integrations
APPROVED

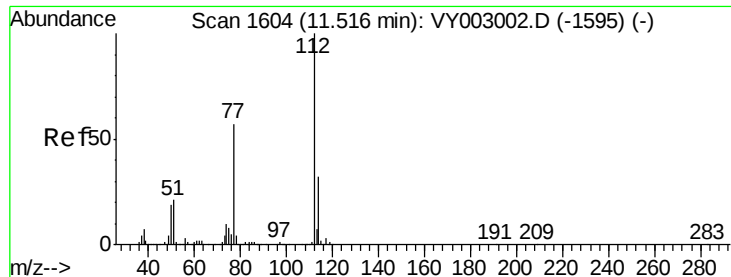
MMDadoda
6/30/2020 12:54:37 PM



#64
Tetrachloroethene
Concen: 50.229 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284359		
166	124.7		98.5	147.7
129	86.4		69.7	104.5
131	83.4		67.2	100.8





#65

Chlorobenzene

Concen: 50.553 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

Tot Ion:112 Resp: 666782

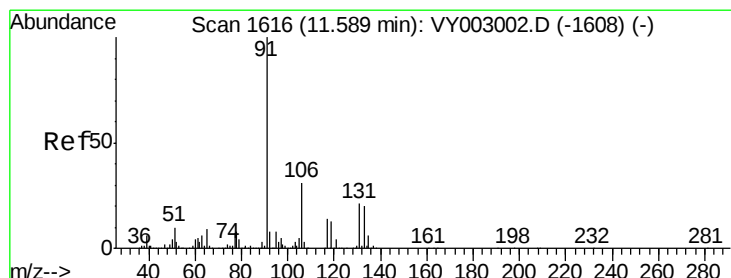
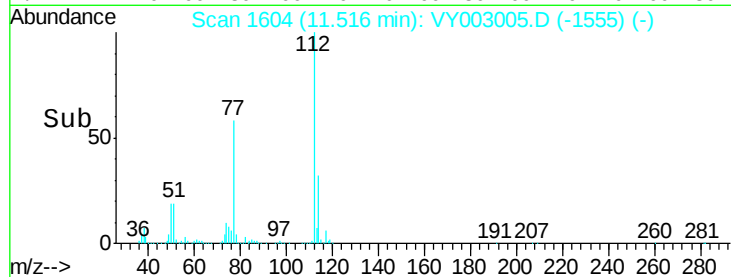
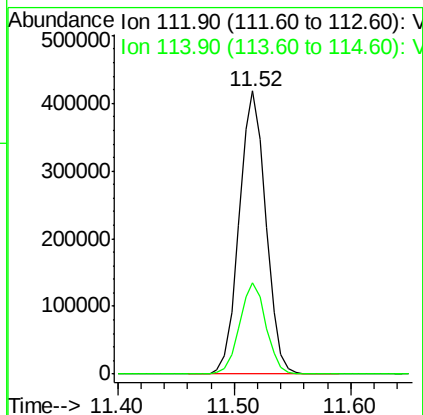
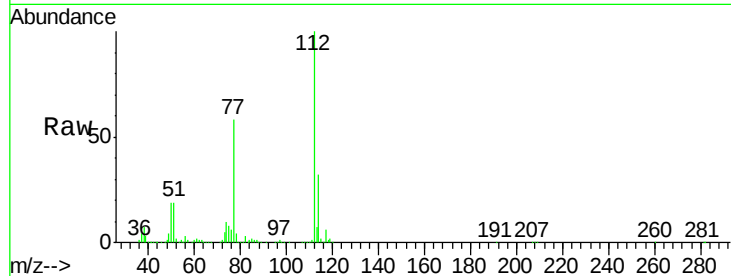
Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 50.060 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

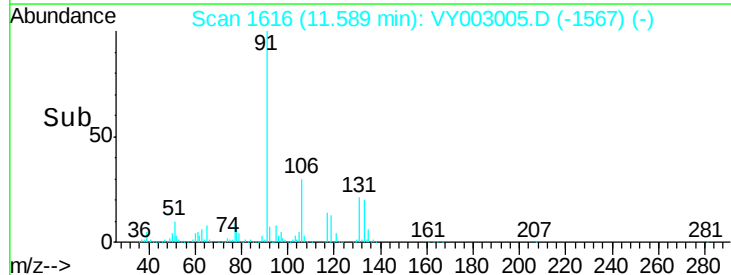
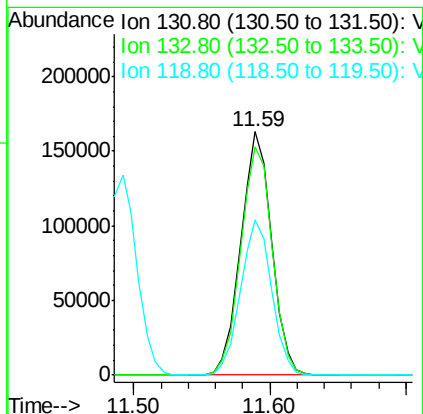
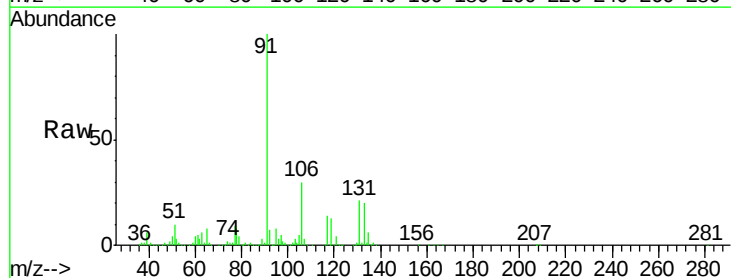
Tgt Ion:131 Resp: 257786

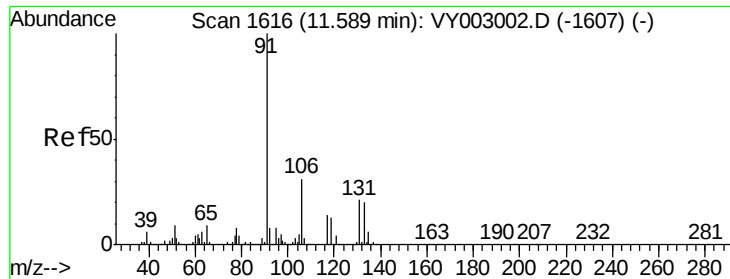
Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.8

119 64.3 31.8 95.3





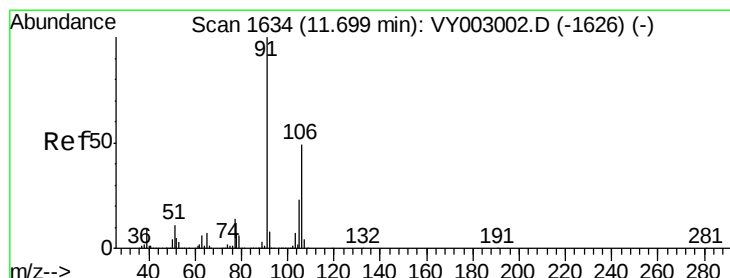
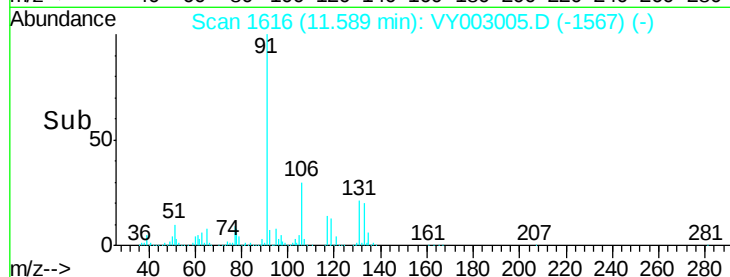
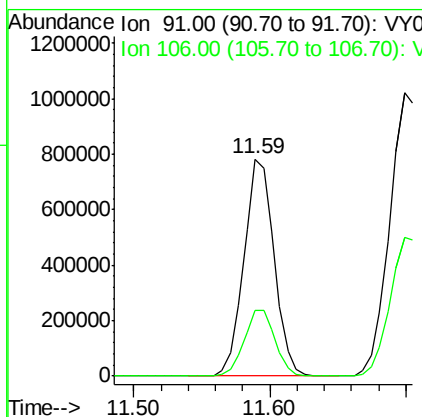
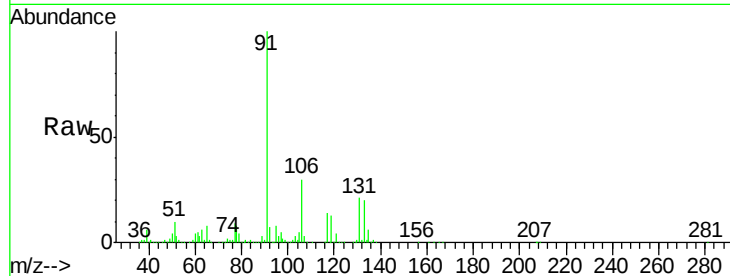
#67
Ethyl Benzene
Concen: 50.317 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion: 91 Resp: 1214134
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.4

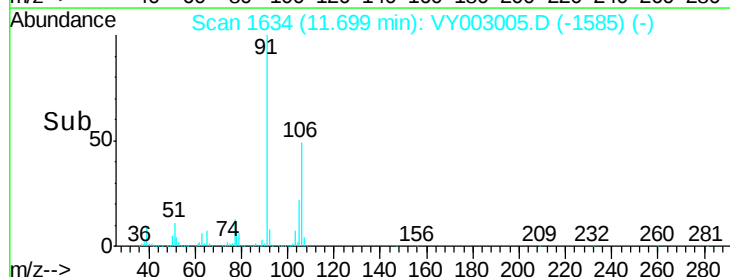
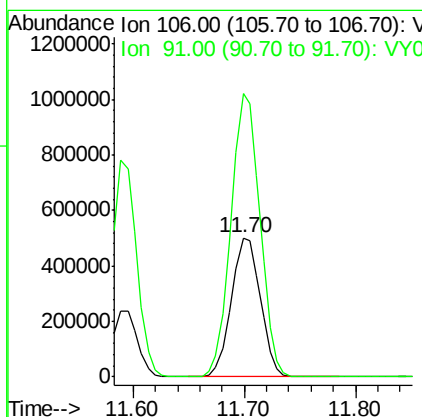
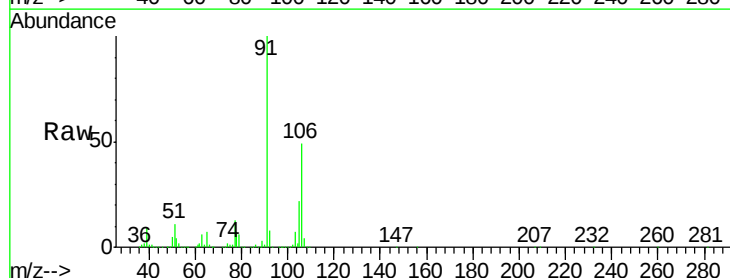
Manual Integrations
APPROVED

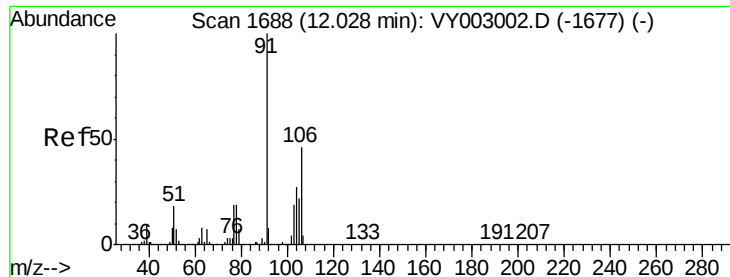
MMDadoda
6/30/2020 12:54:37 PM



#68
m/p-Xylenes
Concen: 101.019 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 106 Resp: 907209
Ion Ratio Lower Upper
106 100
91 202.6 161.9 242.9





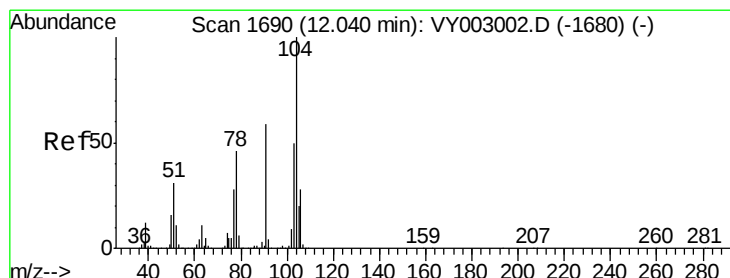
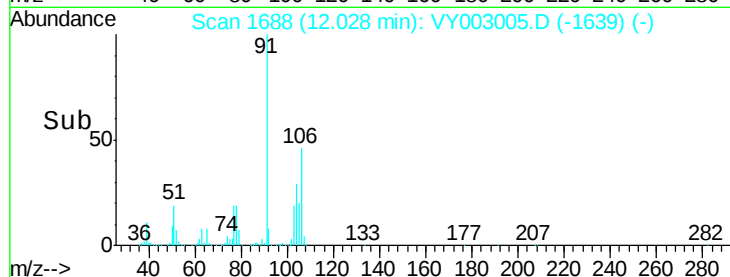
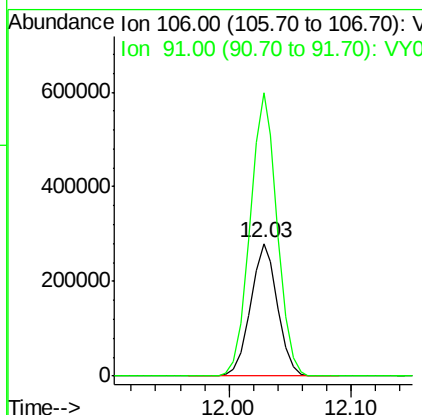
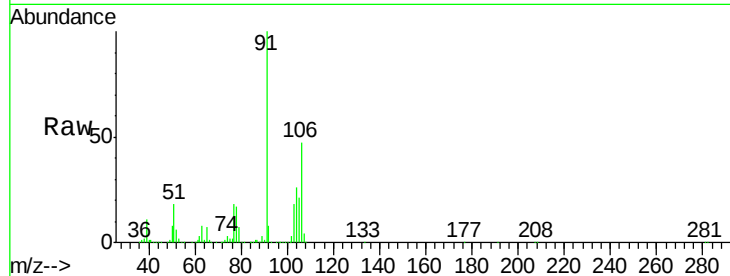
#69
o-Xylene
Concen: 50.549 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.4	107.9	323.8	

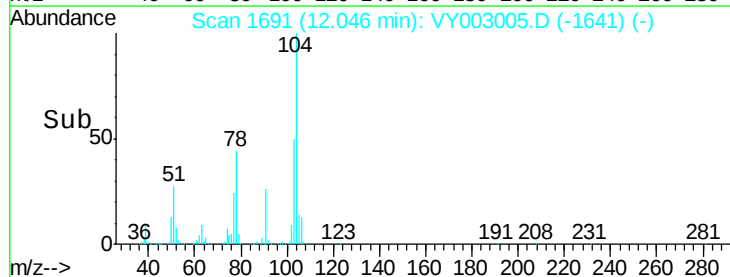
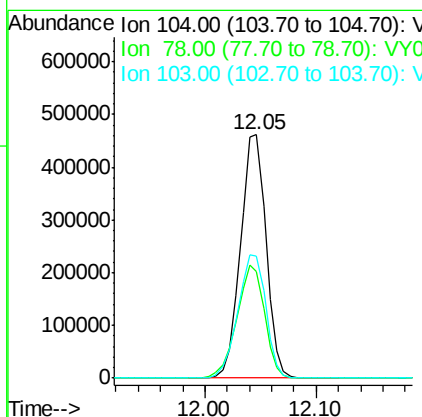
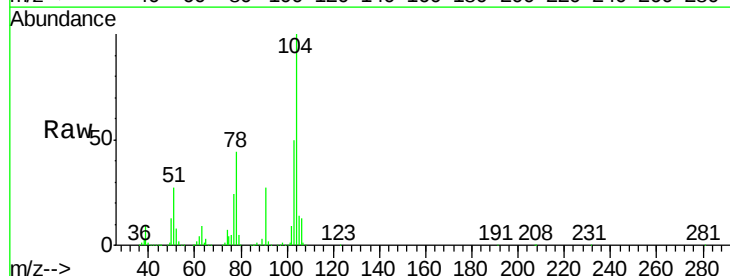
Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#70
Styrene
Concen: 50.954 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.9	40.4	60.6	
103	55.5	44.1	66.1	





#71

Bromoform

Concen: 50.974 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

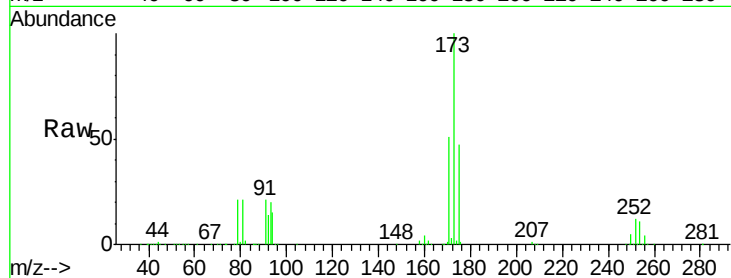
ClientSampled :

ICVVY062920

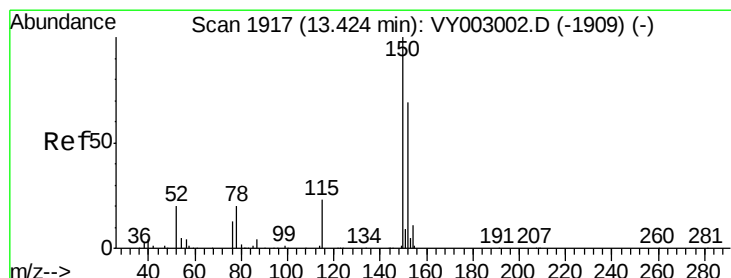
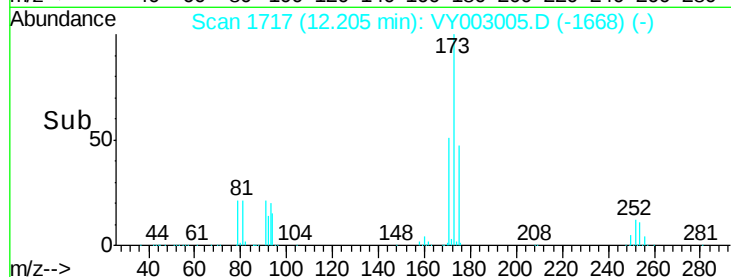
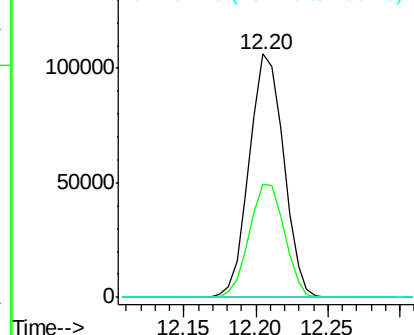
Tot Ion:	173	Resp:	175029
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.6	73.6
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



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

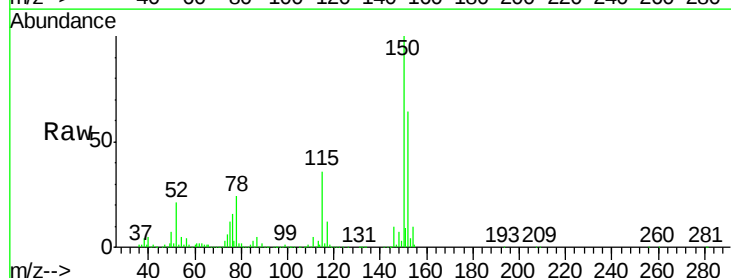
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

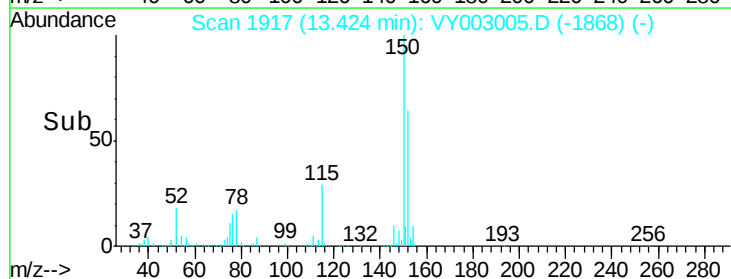
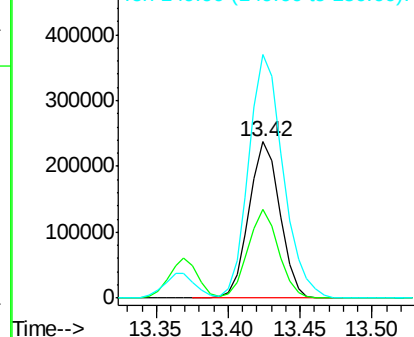
Lab File: VY003005.D

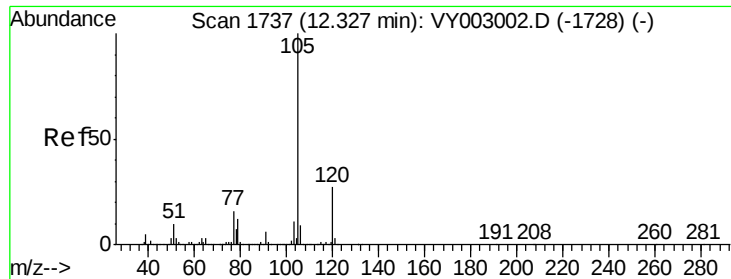
Acq: 29 Jun 2020 13:38

Tgt Ion:	152	Resp:	352206
Ion Ratio	Lower	Upper	
152	100		
115	55.4	27.3	81.9
150	172.8	0.0	343.4



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





#73

Isopropylbenzene

Concen: 50.536 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

Tot Ion: 105 Resp: 1164868

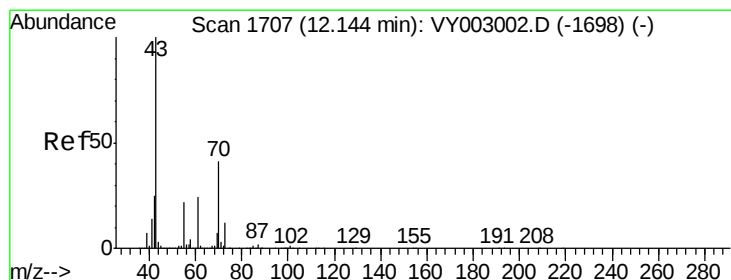
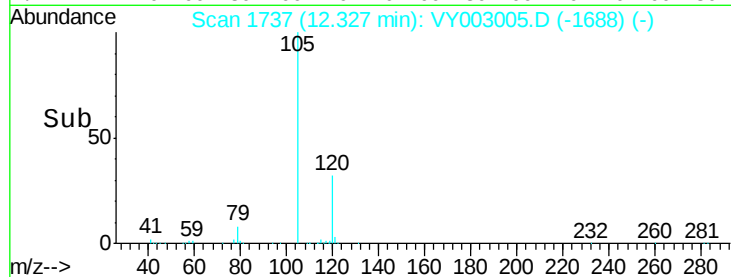
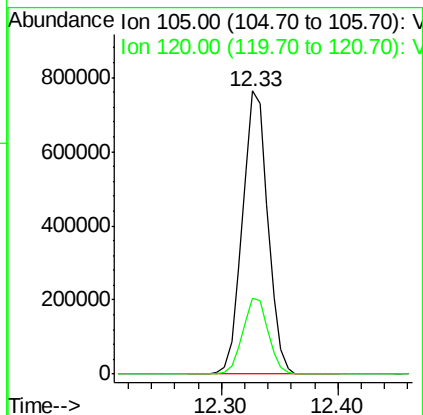
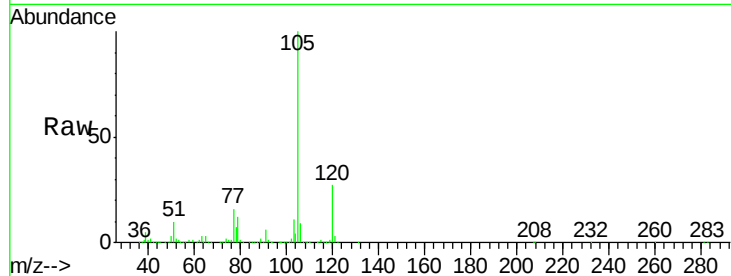
Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#74

N-ethyl acetate

Concen: 49.081 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion: 43 Resp: 368303

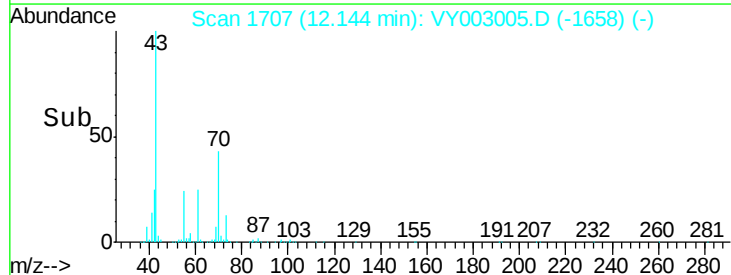
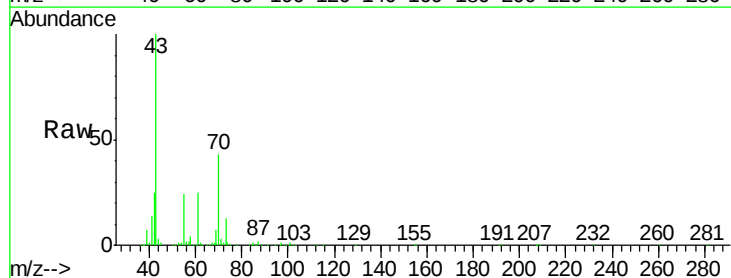
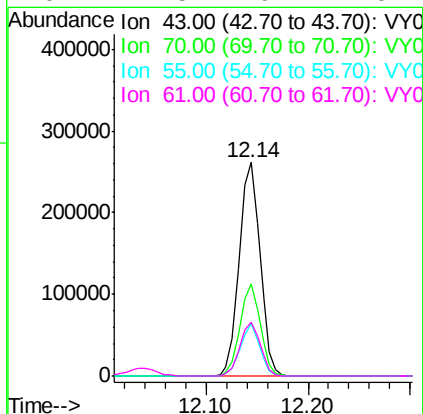
Ion Ratio Lower Upper

43 100

70 41.8 33.0 49.4

55 22.9 18.2 27.2

61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.195 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

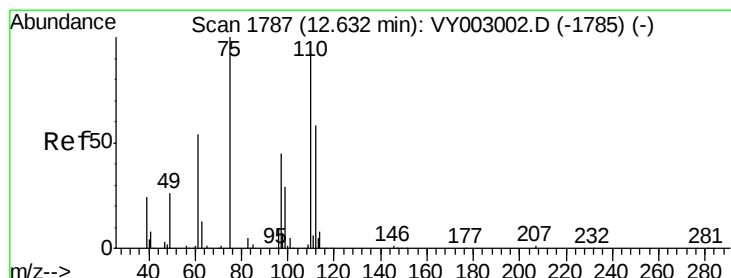
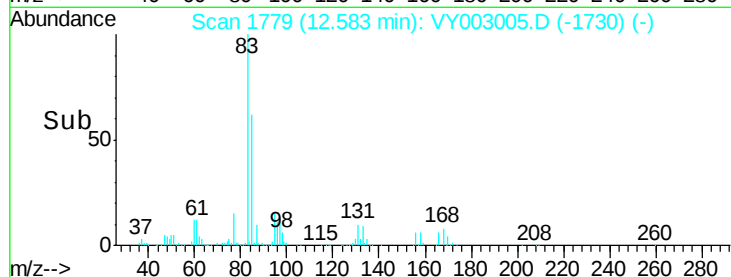
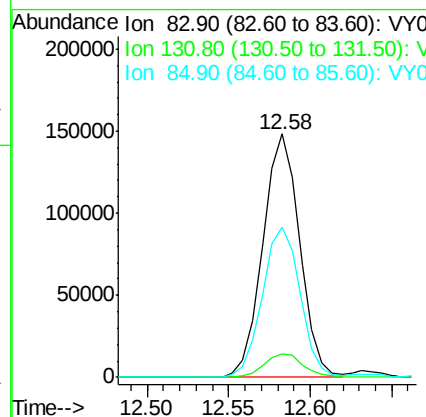
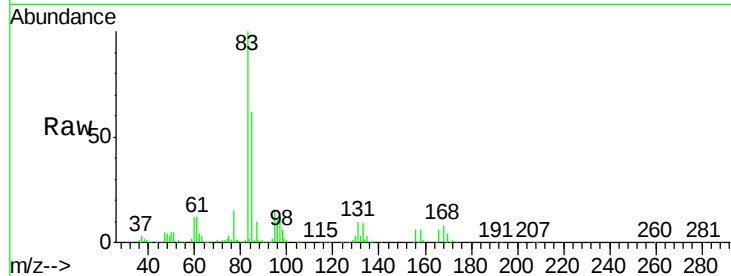
ClientSampleId :

ICVY062920

Tot Ion:	83	Resp:	233488
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	63.1	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#76

1,2,3-Trichloropropane

Concen: 49.077 ug/l m

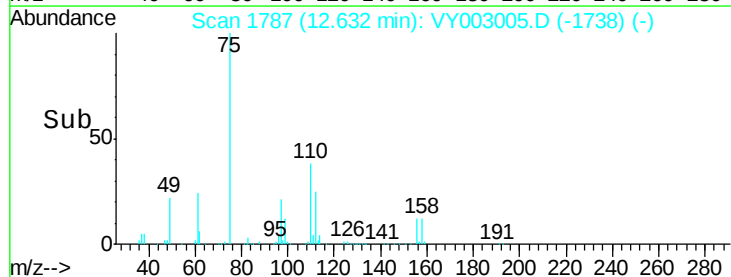
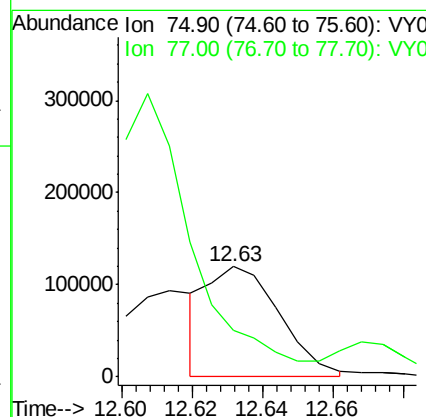
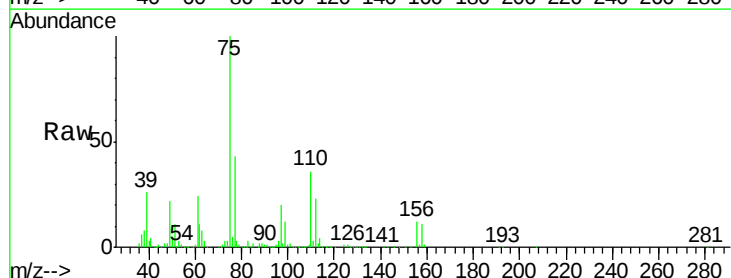
RT: 12.63 min Scan# 1787

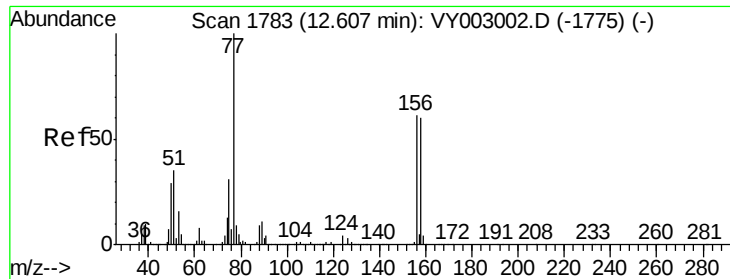
Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion:	75	Resp:	171071
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.170 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

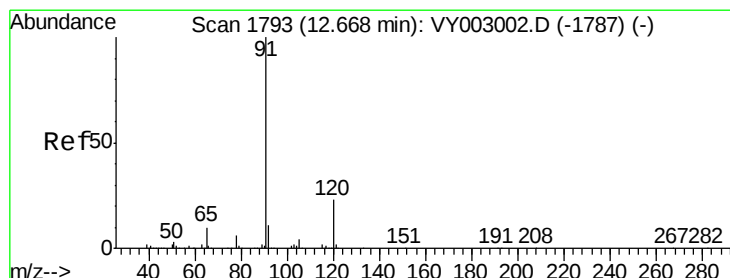
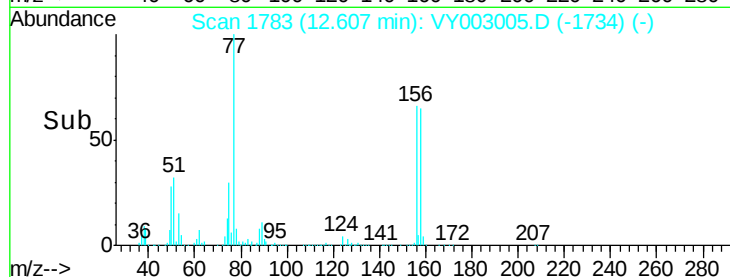
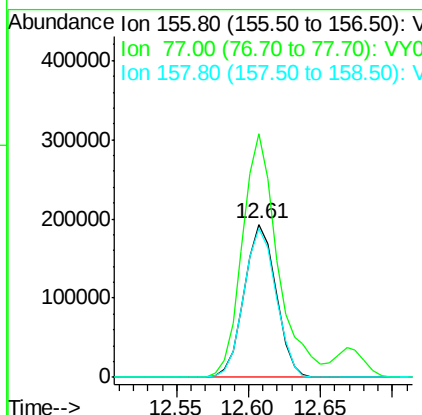
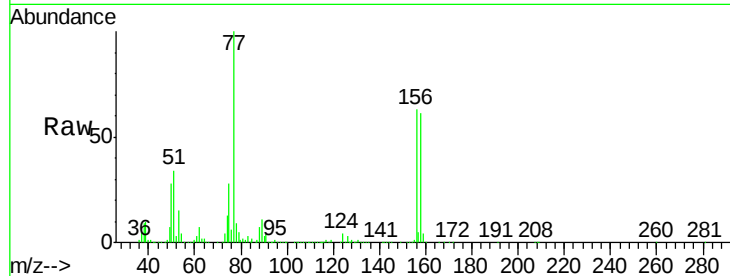
ClientSampleId :

ICVVY062920

Tot Ion:	156	Resp:	296509
Ion Ratio	Lower	Upper	
156	100		
77	176.9	90.0	270.0
158	97.9	48.5	145.5

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#78

n-propylbenzene

Concen: 50.352 ug/l

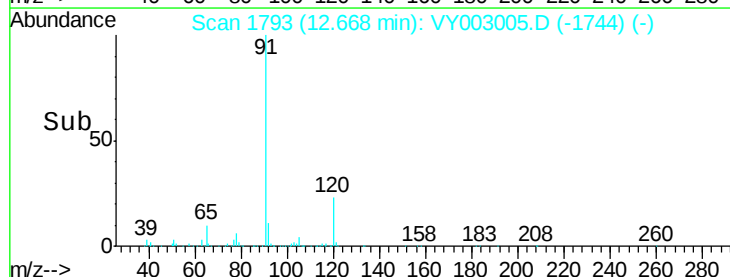
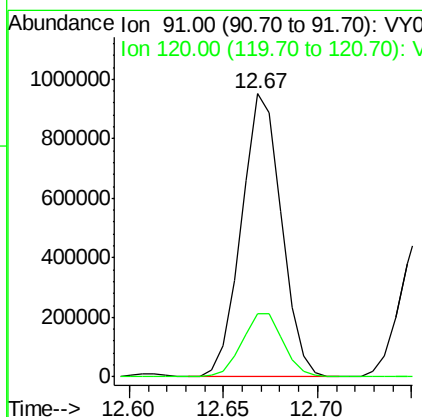
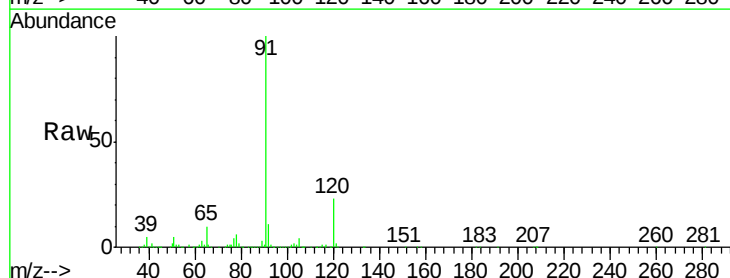
RT: 12.67 min Scan# 1793

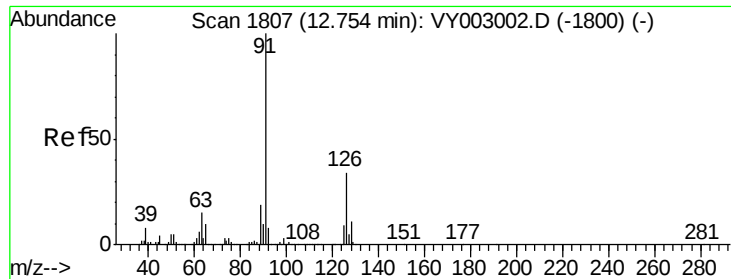
Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion:	91	Resp:	1395814
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





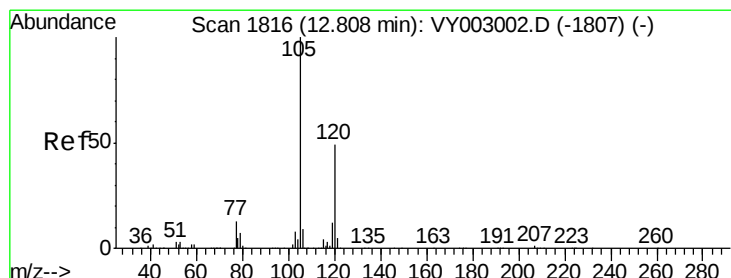
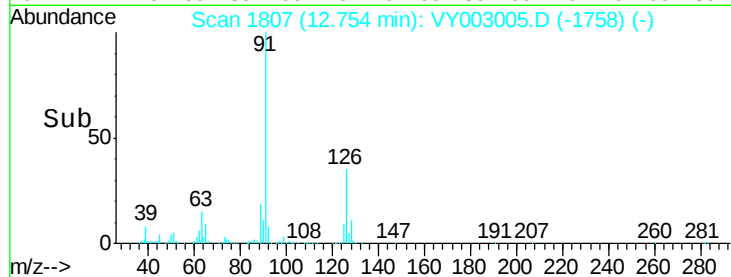
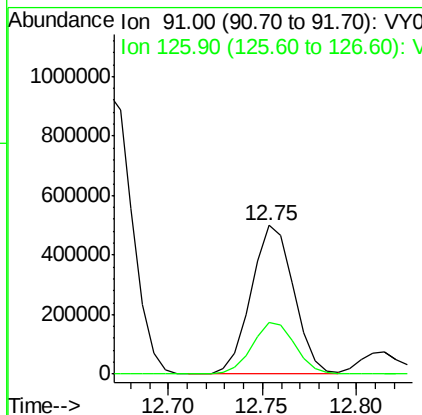
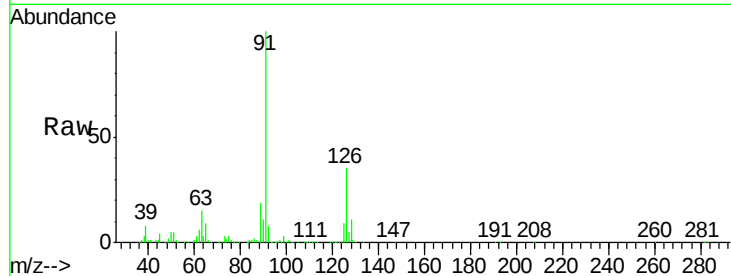
#79
2-Chlorotoluene
Concen: 50.599 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion: 91 Resp: 782943
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.3

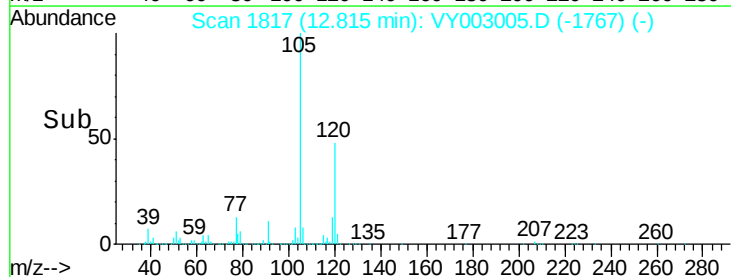
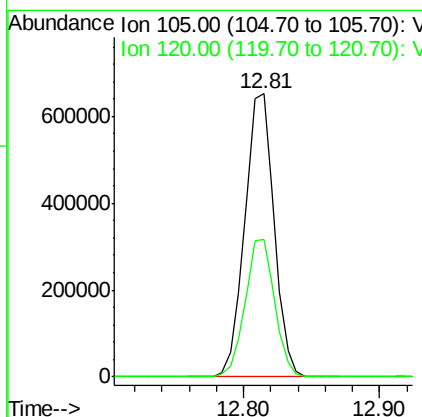
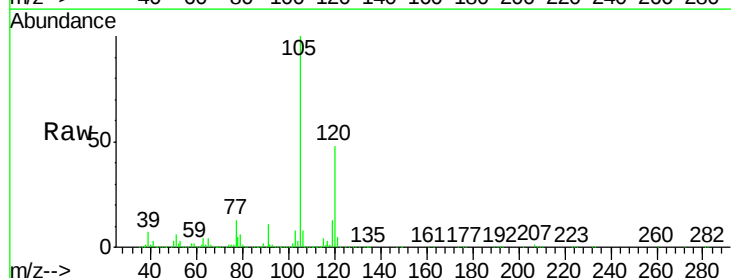
Manual Integrations
APPROVED

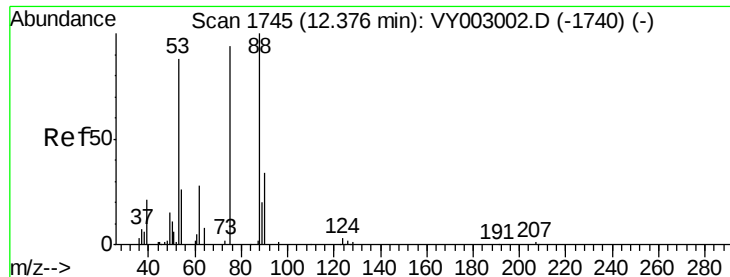
MMDadoda
6/30/2020 12:54:37 PM



#80
1,3,5-Trimethylbenzene
Concen: 50.871 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 105 Resp: 983976
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.052 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

Tot Ion: 75 Resp: 87883

Ion Ratio Lower Upper

75 100

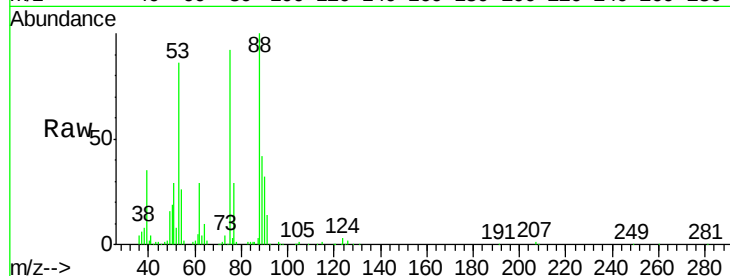
53 89.3 73.9 110.9

89 42.6 37.5 56.3

Manual Integrations
APPROVED

MMDadoda

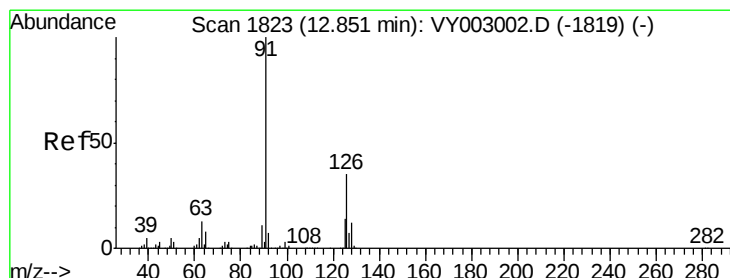
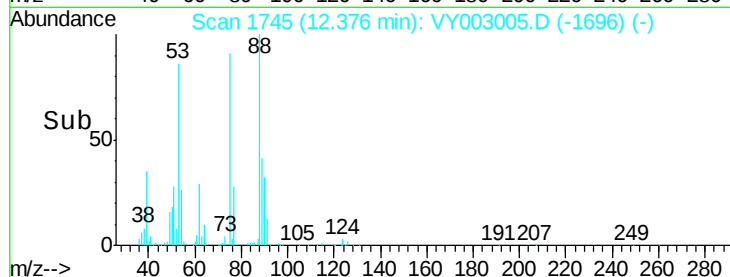
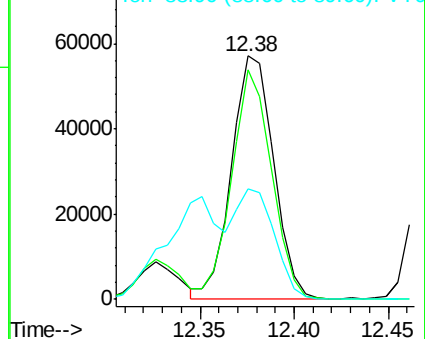
6/30/2020 12:54:37 PM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.923 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003005.D

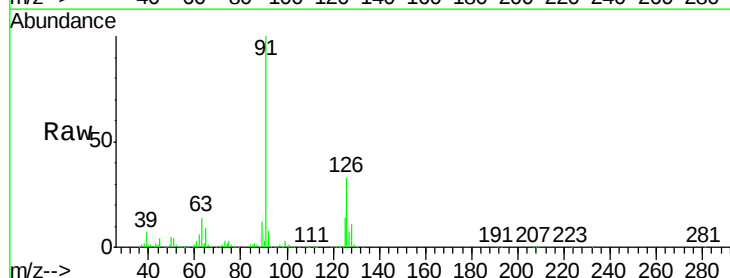
Acq: 29 Jun 2020 13:38

Tgt Ion: 91 Resp: 820388

Ion Ratio Lower Upper

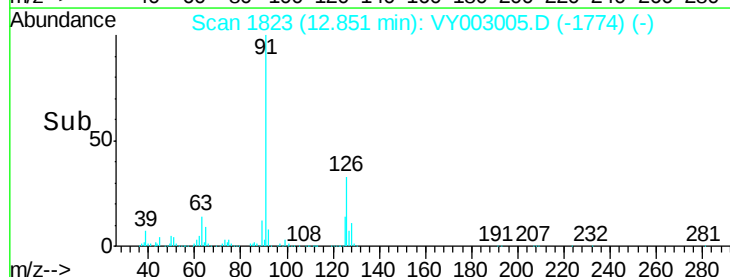
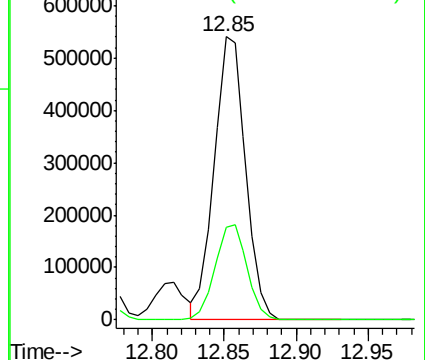
91 100

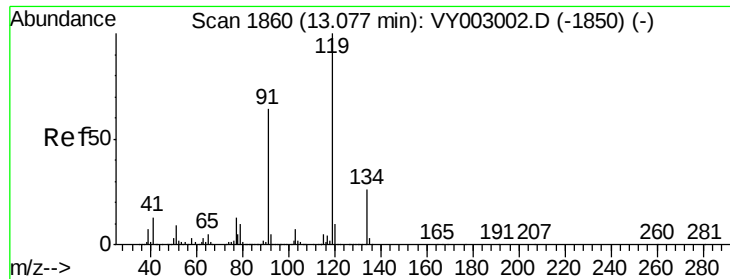
126 34.6 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





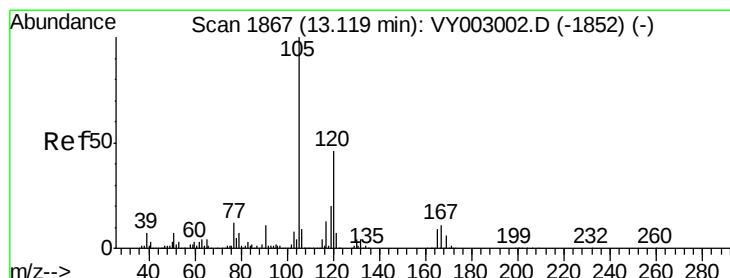
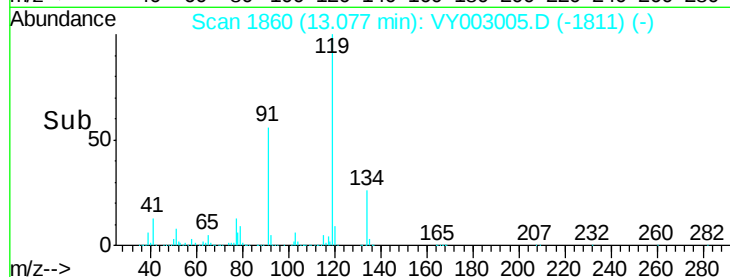
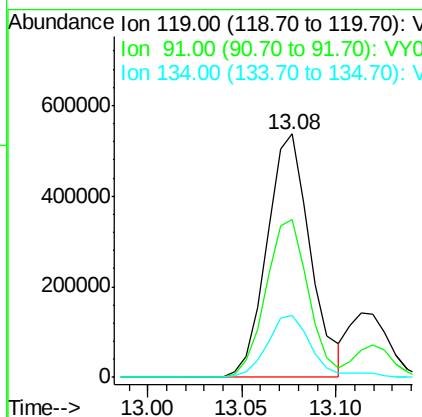
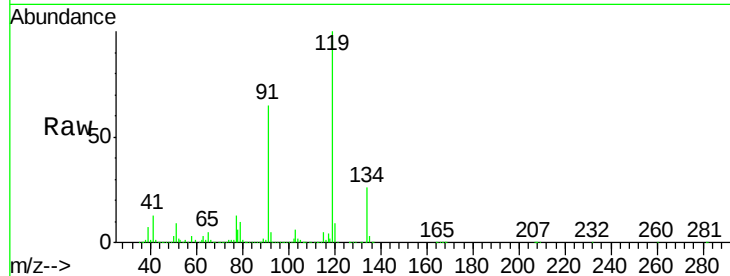
#83
tert-Butylbenzene
Concen: 50.423 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.6	95.0
134	26.7	13.2	39.5

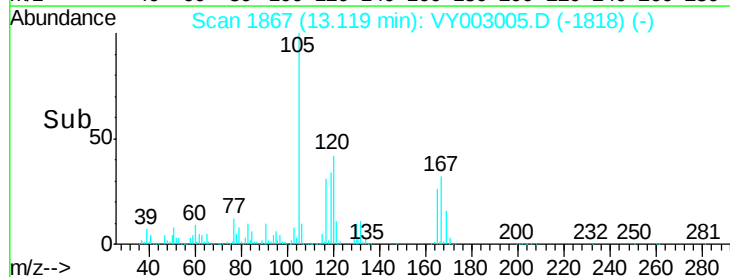
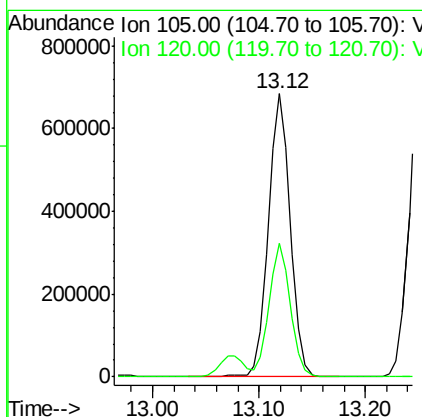
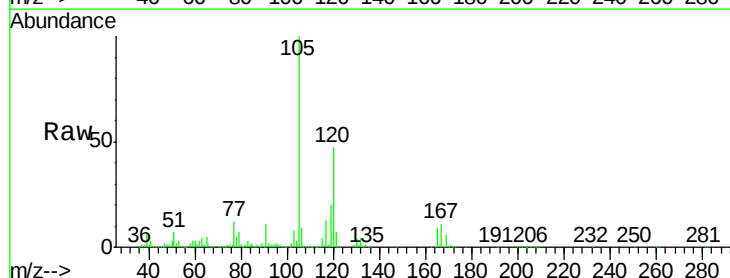
Manual Integrations
APPROVED

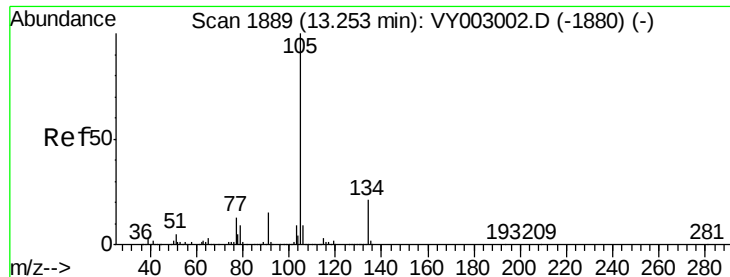
MMDadoda
6/30/2020 12:54:37 PM



#84
1,2,4-Trimethylbenzene
Concen: 50.396 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.6	67.8





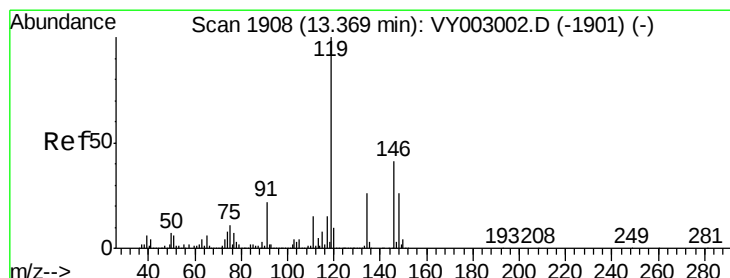
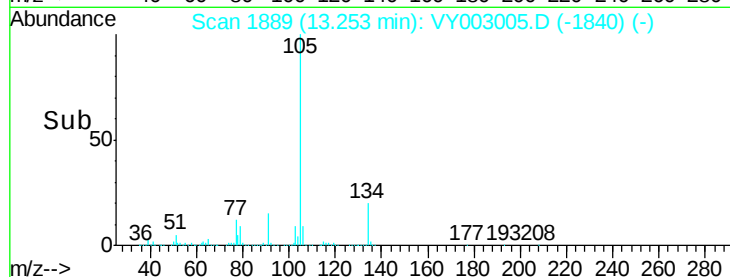
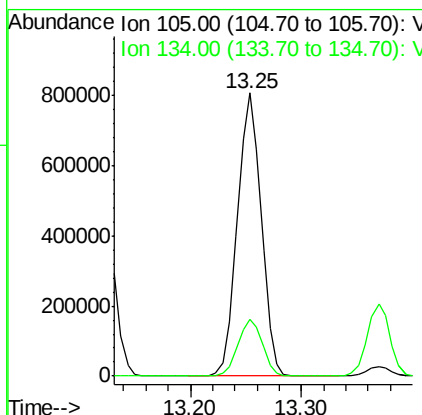
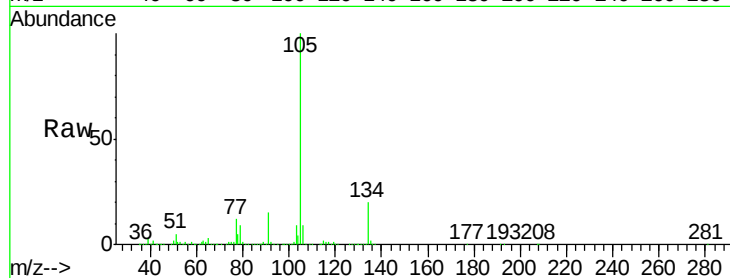
#85
 sec-Butylbenzene
 Concen: 51.126 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Tot Ion:105 Resp: 1196870
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2

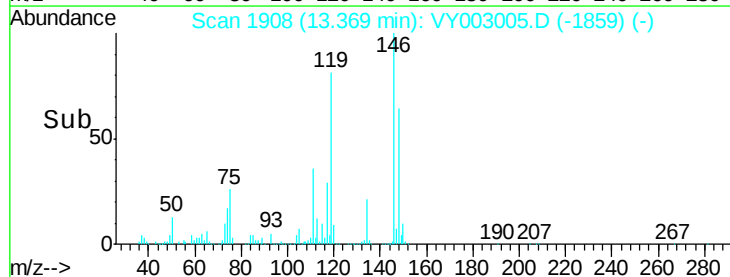
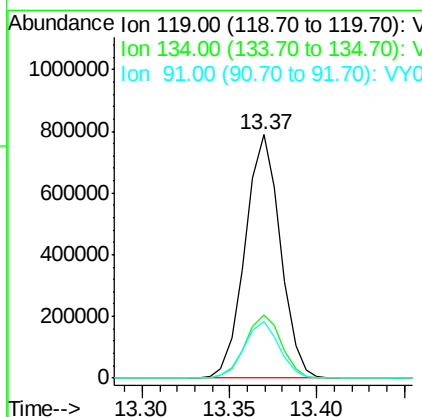
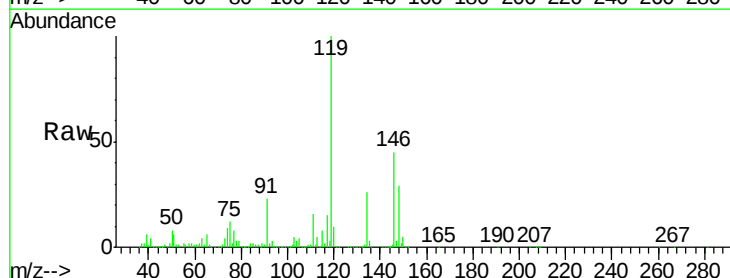
Manual Integrations
 APPROVED

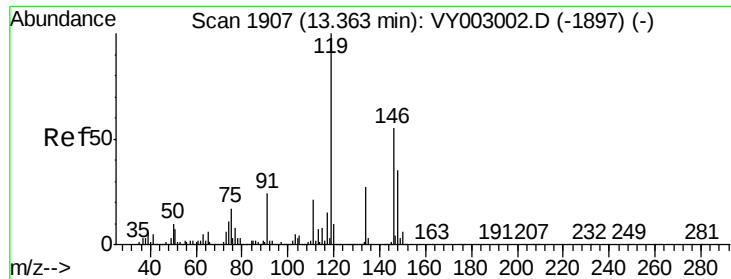
MMDadoda
 6/30/2020 12:54:37 PM



#86
 p-Isopropyltoluene
 Concen: 50.986 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion:119 Resp: 1105996
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 23.3 11.5 34.5





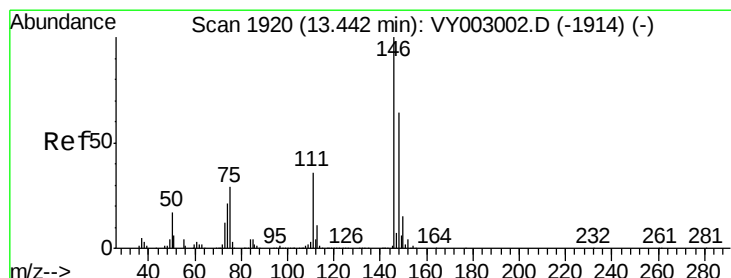
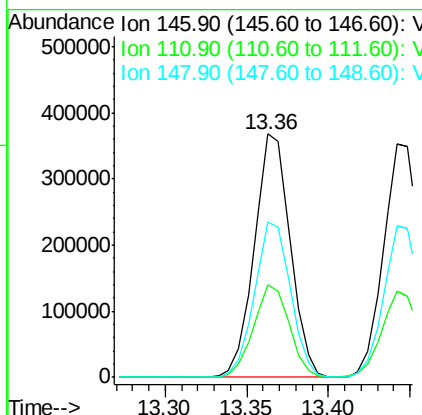
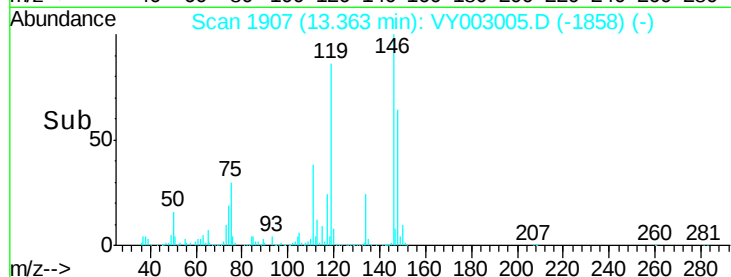
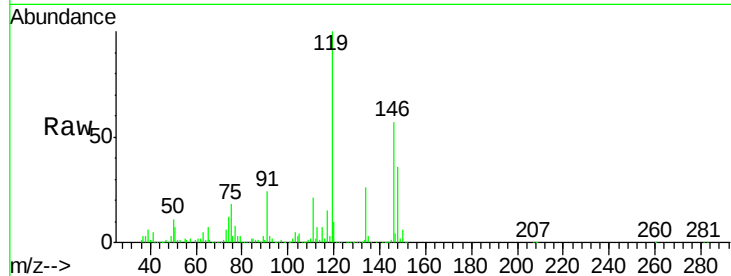
#87
 1,3-Dichlorobenzene
 Concen: 50.890 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Tot Ion	Ratio	Resp	Lower	Upper
146	100	561521		
111	38.0	18.8	56.3	
148	64.2	31.8	95.3	

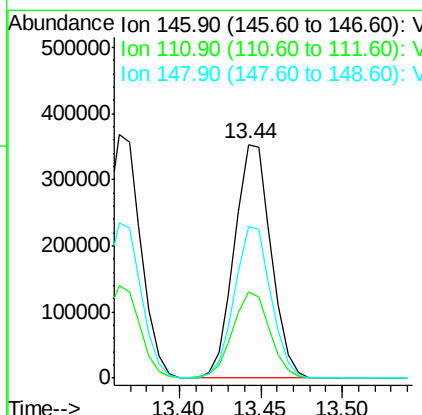
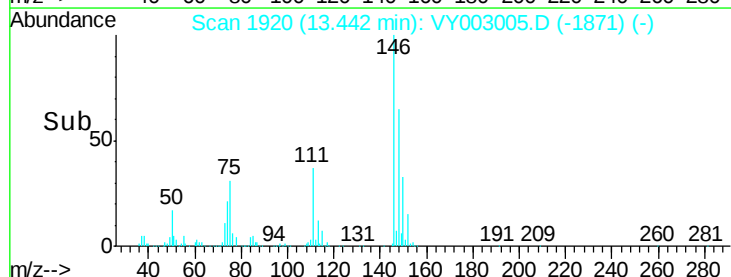
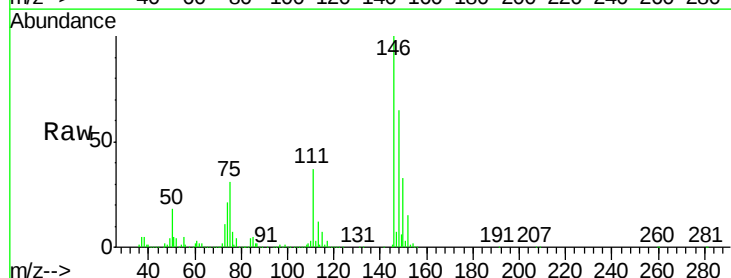
Manual Integrations
 APPROVED

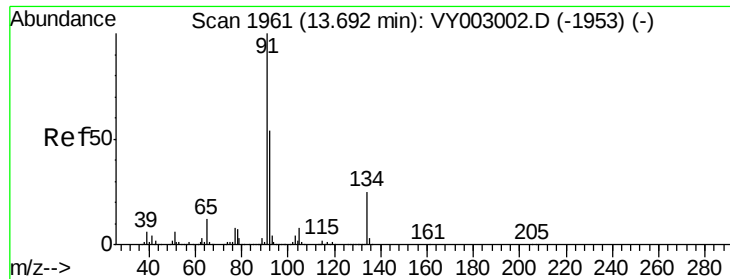
MMDadoda
 6/30/2020 12:54:37 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.828 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	553028		
111	37.3	18.4	55.4	
148	64.5	32.3	96.9	





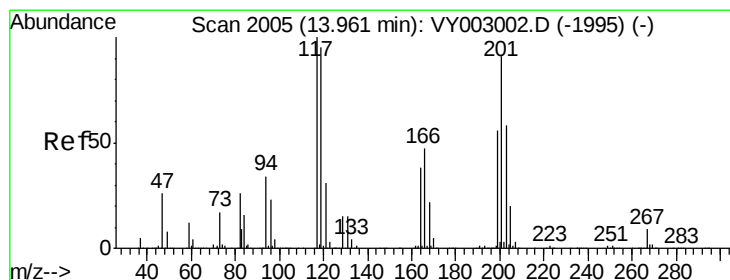
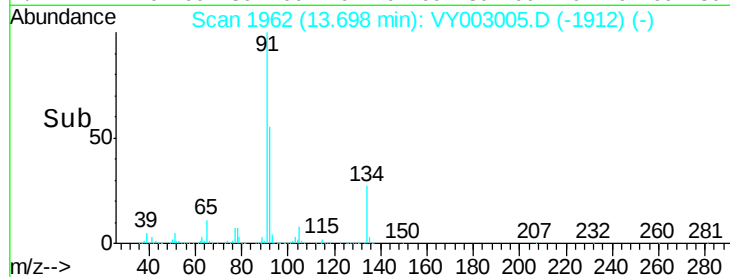
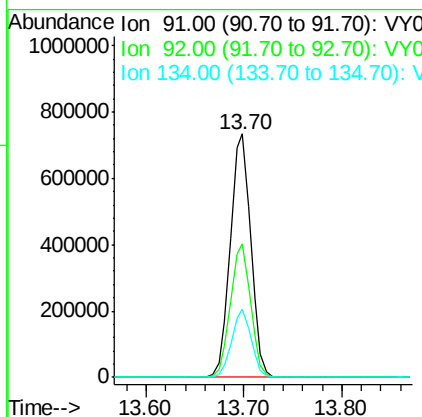
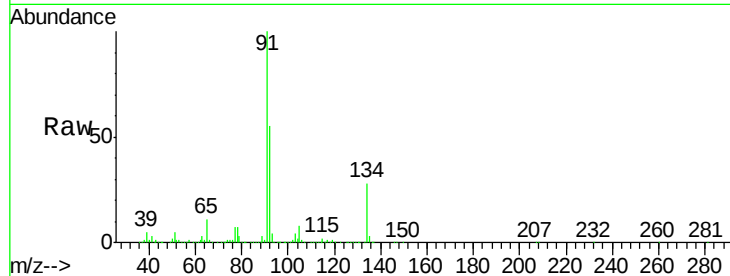
#89
n-Butylbenzene
Concen: 51.190 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.3
134	26.7	13.1	39.1

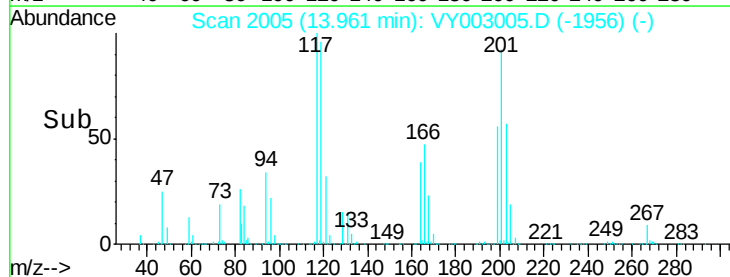
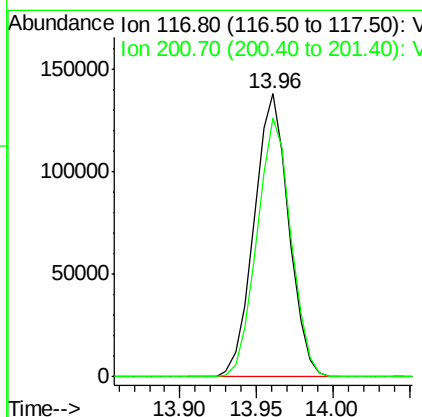
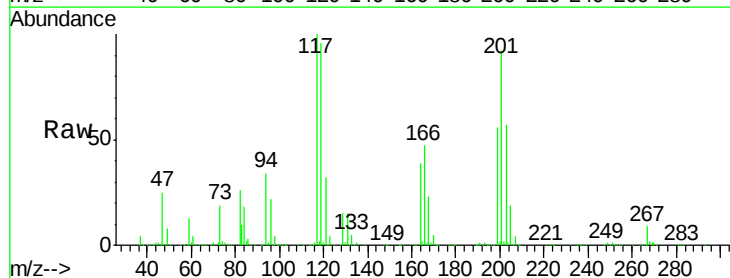
Manual Integrations
APPROVED

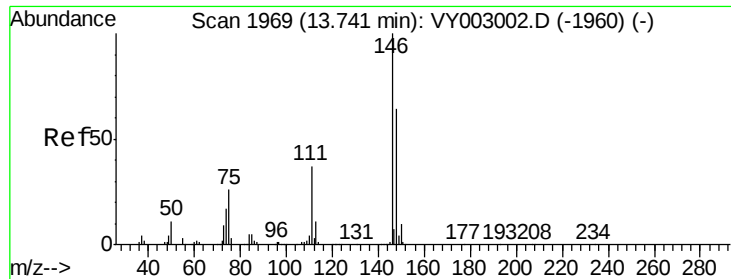
MMDadoda
6/30/2020 12:54:37 PM



#90
Hexachloroethane
Concen: 50.521 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	45.5	136.4





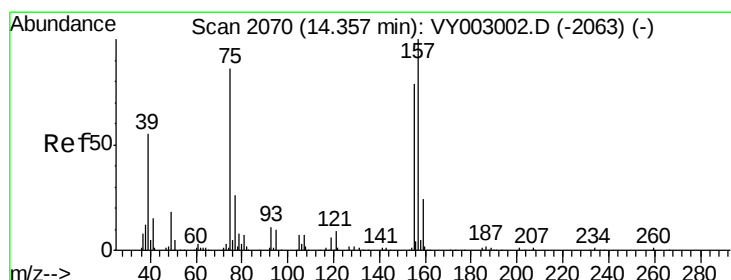
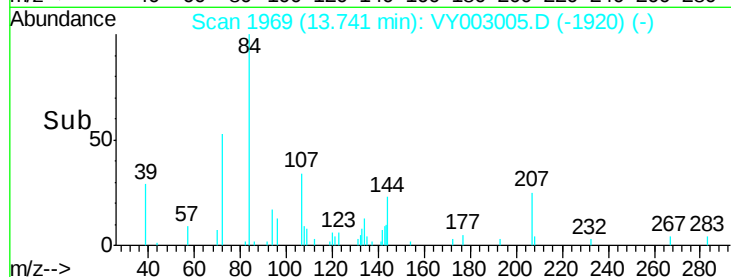
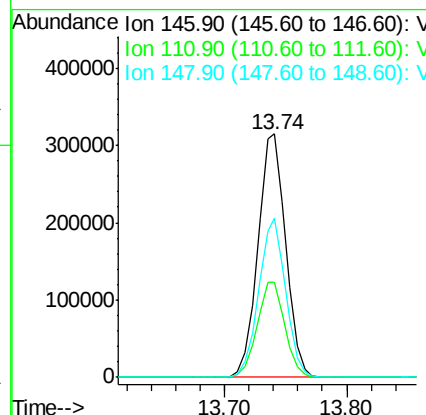
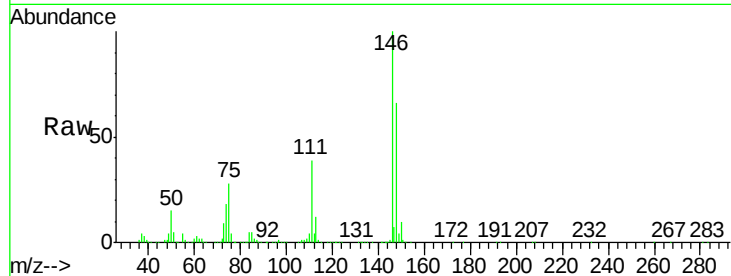
#91
 1,2-Dichlorobenzene
 Concen: 50.250 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.5
148	63.5	31.8	95.3

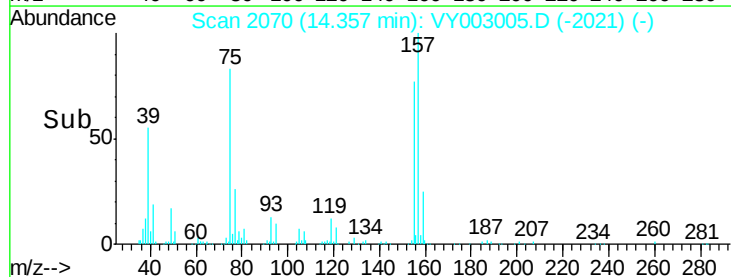
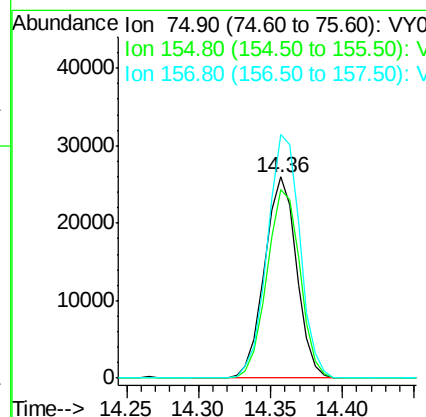
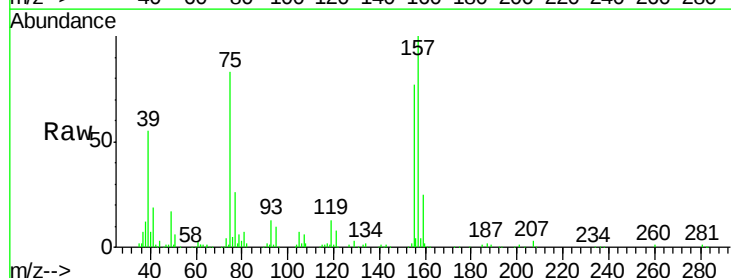
Manual Integrations
 APPROVED

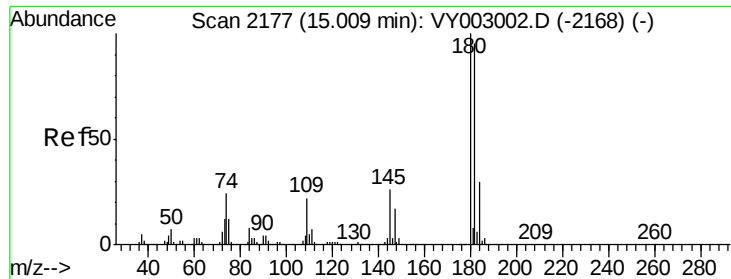
MMDadoda
 6/30/2020 12:54:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.326 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	46.5	139.3
157	123.7	59.2	177.5





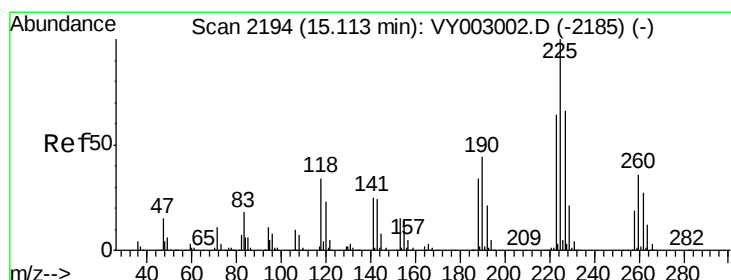
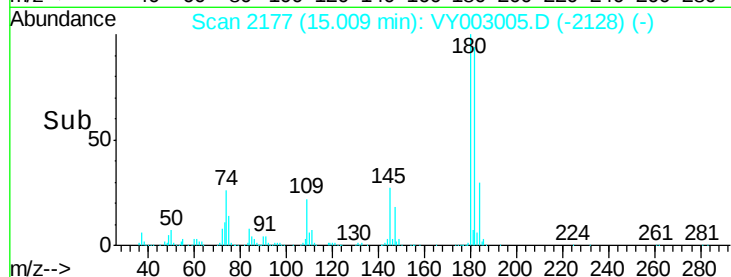
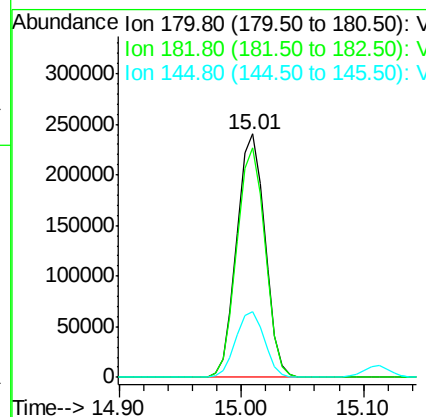
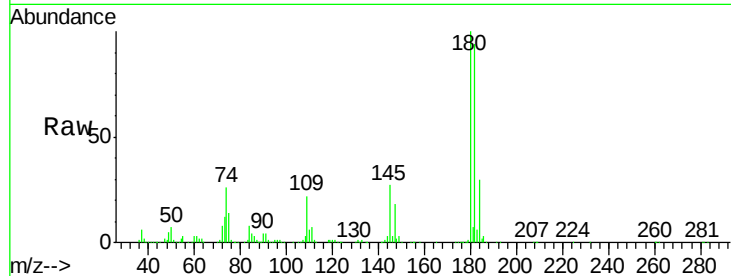
#93
 1,2,4-Trichlorobenzene
 Concen: 51.928 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Tot Ion	Ratio	Resp	Lower	Upper
180	100	381995		
182	94.6	48.1	144.3	
145	27.4	13.9	41.6	

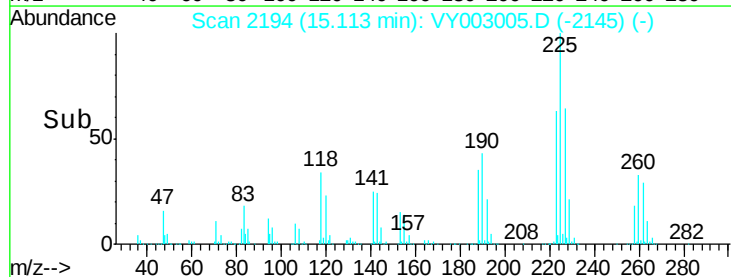
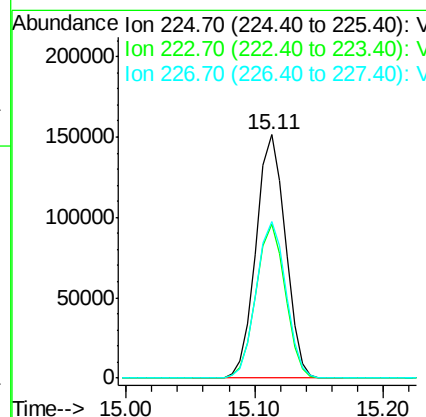
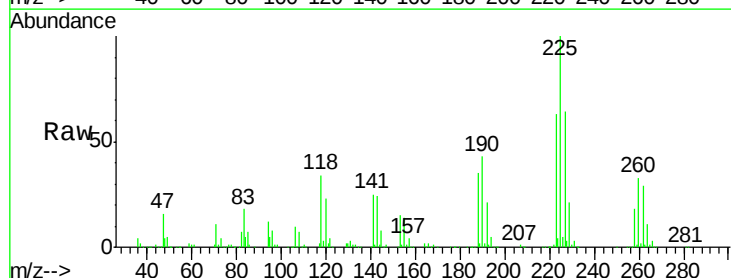
Manual Integrations
 APPROVED

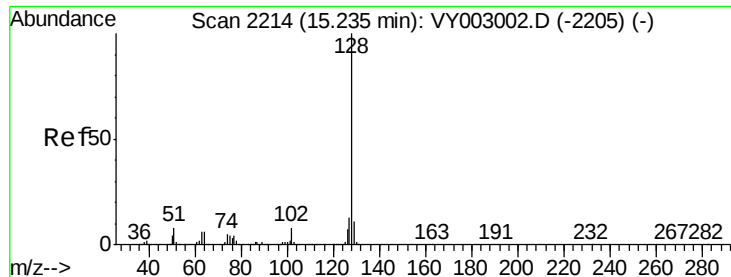
MMDadoda
 6/30/2020 12:54:37 PM



#94
 Hexachlorobutadiene
 Concen: 51.461 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	238782		
223	62.8	32.4	97.0	
227	64.9	32.4	97.2	





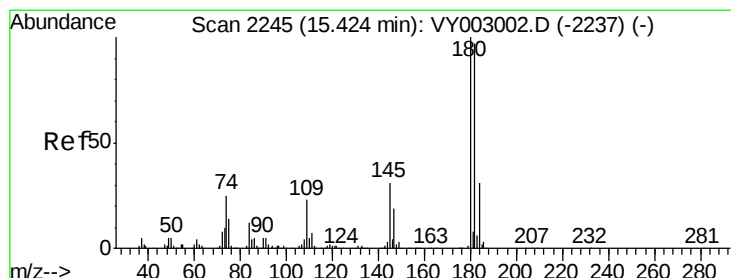
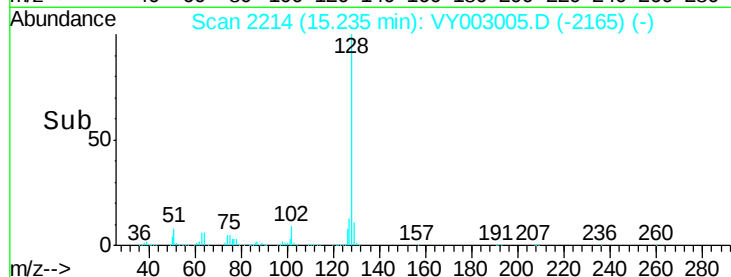
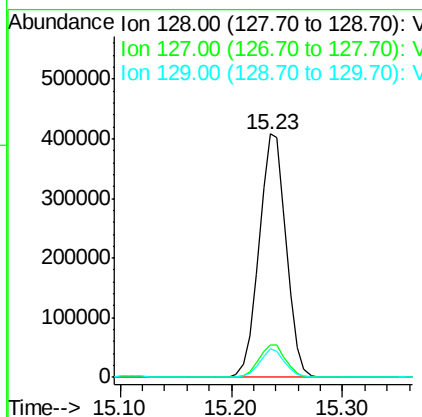
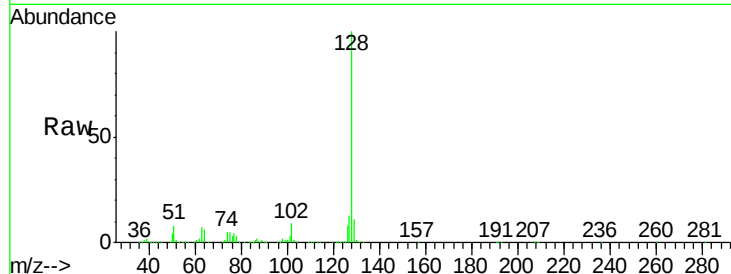
#95
Naphthalene
Concen: 51.402 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion	Ratio	Resp	Lower	Upper
128	100	690641		
127	13.4		10.8	16.2
129	10.9		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.055 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	326124		
182	96.4		47.8	143.3
145	29.6		14.7	44.1

