

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000224.D
 Acq On : 08 Oct 2019 15:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:25 AM

Quant Time: Oct 09 08:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 08:54:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	294062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	499458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	455382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	199857	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.73	113	161719	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.18	98	643950	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.48	95	227786	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	139678	47.580	ug/l	98
3) Chloromethane	2.12	50	185335	46.359	ug/l	99
4) Vinyl Chloride	2.25	62	195821	47.441	ug/l	98
5) Bromomethane	2.63	94	133309	51.188	ug/l	99
6) Chloroethane	2.78	64	126752	48.618	ug/l	97
7) Trichlorofluoromethane	3.12	101	248816	46.646	ug/l	97
8) Diethyl Ether	3.53	74	112961	46.318	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	147252	47.283	ug/l	98
10) Methyl Iodide	4.09	142	225945	44.729	ug/l	99
11) Tert butyl alcohol	4.97	59	486593	236.820	ug/l	100
12) 1,1-Dichloroethene	3.87	96	153059	47.341	ug/l	97
13) Acrolein	3.73	56	245824	227.922	ug/l	98
14) Allyl chloride	4.48	41	253074	46.454	ug/l	99
15) Acrylonitrile	5.17	53	874982	241.238	ug/l	99
16) Acetone	3.95	43	756474	252.543	ug/l	97
17) Carbon Disulfide	4.19	76	454296	47.675	ug/l	98
18) Methyl Acetate	4.48	43	394557	48.064	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	567016	47.938	ug/l	99
20) Methylene Chloride	4.71	84	173255	44.028	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	171040	47.028	ug/l	96
22) Diisopropyl ether	6.13	45	614534	48.689	ug/l	96
23) Vinyl Acetate	6.07	43	2832361	227.122	ug/l	100
24) 1,1-Dichloroethane	6.02	63	303454	47.135	ug/l	97
25) 2-Butanone	7.00	43	1413865	255.143	ug/l	98
26) 2,2-Dichloropropane	6.99	77	258501	44.480	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	196767	45.930	ug/l	99
28) Bromochloromethane	7.35	49	114427	53.999	ug/l	99
29) Tetrahydrofuran	7.35	42	968507	247.471	ug/l	99
30) Chloroform	7.52	83	314470	47.066	ug/l	95
31) Cyclohexane	7.79	56	291876	44.885	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	269068	47.368	ug/l	99
36) 1,1-Dichloropropene	7.92	75	230429	45.343	ug/l	99
37) Ethyl Acetate	7.08	43	439954	47.888	ug/l	99
38) Carbon Tetrachloride	7.90	117	232352	46.911	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000224.D
 Acq On : 08 Oct 2019 15:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:25 AM

Quant Time: Oct 09 08:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 08:54:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	298775	46.864	ug/l	98
40) Benzene	8.17	78	726227	47.109	ug/l	99
41) Methacrylonitrile	7.35	41	393446m	54.410	ug/l	
42) 1,2-Dichloroethane	8.24	62	243672	48.663	ug/l	100
43) Isopropyl Acetate	8.28	43	571936	48.365	ug/l	99
44) Trichloroethene	8.94	130	189161	45.249	ug/l	95
45) 1,2-Dichloropropane	9.22	63	185352	48.002	ug/l	95
46) Dibromomethane	9.31	93	127774	47.201	ug/l	98
47) Bromodichloromethane	9.50	83	254053	47.979	ug/l	93
48) Methyl methacrylate	9.30	41	256409	48.039	ug/l	99
49) 1,4-Dioxane	9.30	88	133135	971.666	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	2250828	253.267	ug/l	100
52) Toluene	10.25	92	463441	46.871	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	296712	49.391	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	312776	48.117	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	187434	48.075	ug/l	98
56) Ethyl methacrylate	10.52	69	342256	49.862	ug/l	99
57) 1,3-Dichloropropane	10.79	76	320474	48.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	839025	274.234	ug/l	99
59) 2-Hexanone	10.83	43	1943115	246.578	ug/l	100
60) Dibromochloromethane	10.99	129	201791	48.952	ug/l	100
61) 1,2-Dibromoethane	11.09	107	202015	48.781	ug/l	99
64) Tetrachloroethene	10.72	164	183075	43.983	ug/l	98
65) Chlorobenzene	11.52	112	483156	45.785	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	180044	47.724	ug/l	99
67) Ethyl Benzene	11.60	91	887471	47.045	ug/l	99
68) m/p-Xylenes	11.70	106	680573	94.550	ug/l	100
69) o-Xylene	12.03	106	325229	46.900	ug/l	99
70) Styrene	12.05	104	571835	47.874	ug/l	99
71) Bromoform	12.21	173	152014	48.831	ug/l	99
73) Isopropylbenzene	12.33	105	874338	46.162	ug/l	99
74) N-amyl acetate	12.14	43	463207	46.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	302785	46.841	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	275985m	46.766	ug/l	
77) Bromobenzene	12.61	156	198453	44.680	ug/l	99
78) n-propylbenzene	12.67	91	1032181	46.655	ug/l	100
79) 2-Chlorotoluene	12.75	91	581515	45.653	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	737818	46.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	134849	44.441	ug/l #	91
82) 4-Chlorotoluene	12.86	91	606550	47.014	ug/l	98
83) tert-Butylbenzene	13.08	119	618827	45.049	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	736781	46.660	ug/l	100
85) sec-Butylbenzene	13.25	105	871636	46.035	ug/l	100
86) p-Isopropyltoluene	13.37	119	784212	47.099	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	377155	46.852	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	376624	44.916	ug/l	99
89) n-Butylbenzene	13.70	91	740726	47.205	ug/l	100
90) Hexachloroethane	13.96	117	147207	46.739	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	365847	44.902	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	100317	45.973	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
Data File : VY000224.D
Acq On : 08 Oct 2019 15:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0ml/MSVOA Y/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

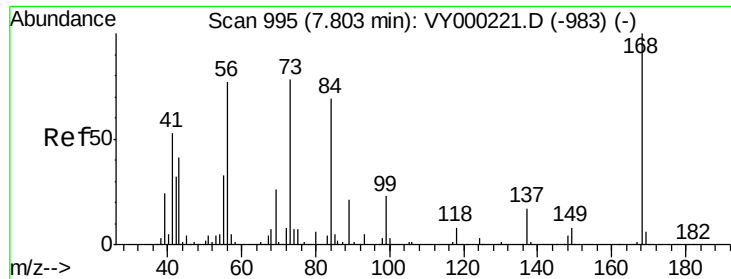
Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM

Quant Time: Oct 09 08:58:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 08:54:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	244250	44.151	ug/l	99
94) Hexachlorobutadiene	15.11	225	116231	43.966	ug/l	99
95) Naphthalene	15.23	128	962756	46.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	246510	46.325	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. -0.01 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100819

Tot Ion:168 Resp: 294062

Ion Ratio Lower Upper

168 100

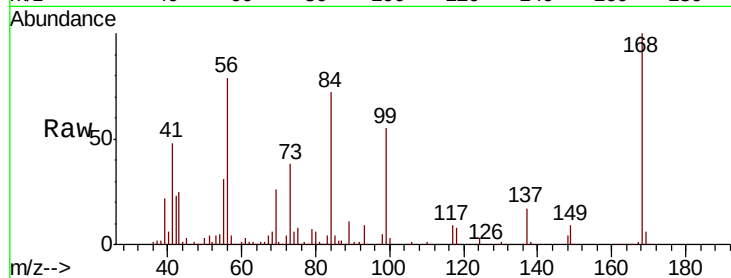
99 54.8 45.0 67.6

Manual Integrations

APPROVED

MMDadoda

10/10/2019 12:52:25 AM



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

7.80

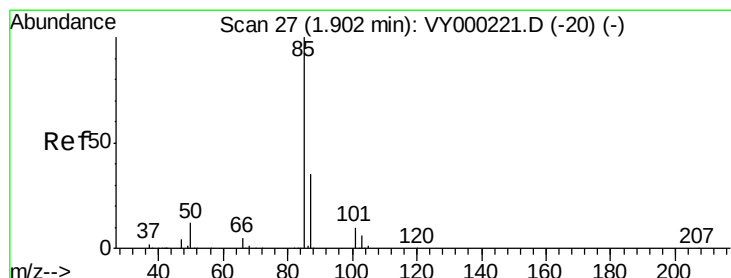
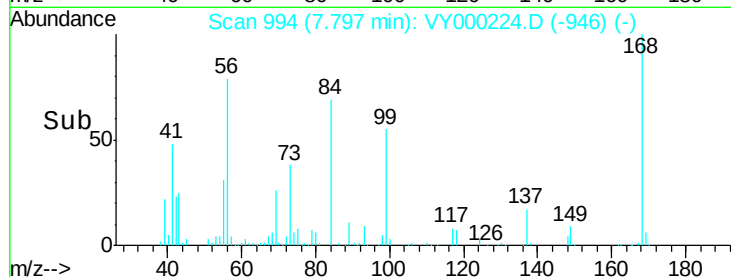
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.580 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000224.D

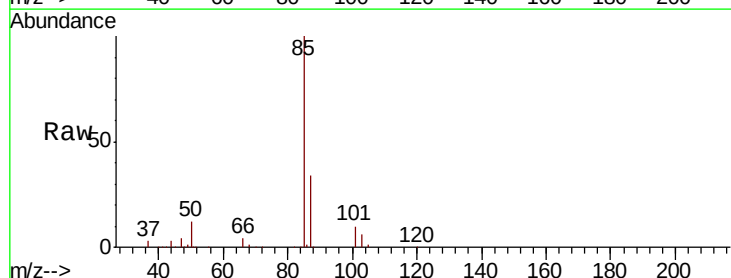
Acq: 08 Oct 2019 15:41

Tgt Ion: 85 Resp: 139678

Ion Ratio Lower Upper

85 100

87 33.7 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

100000

80000

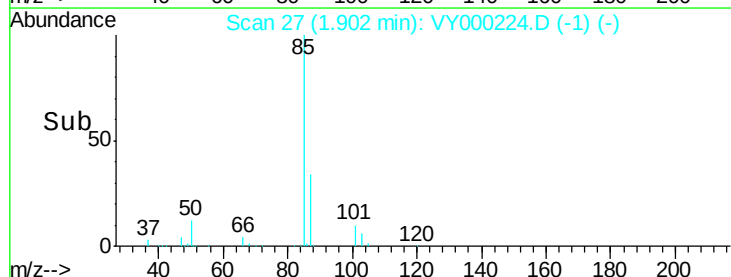
60000

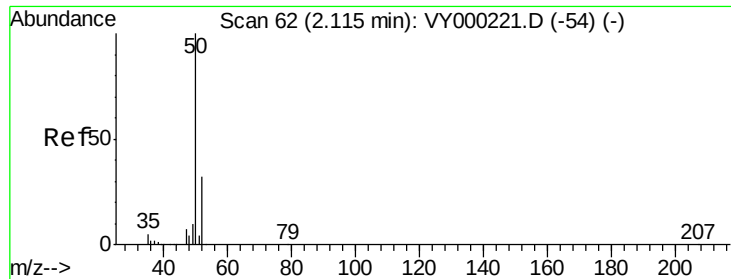
40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.359 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Tot Ion: 50 Resp: 185335

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.0

Instrument :

MSVOA_Y

ClientSampleId :

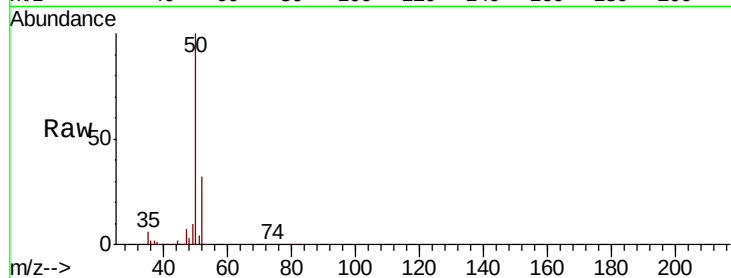
ICVVY100819

Manual Integrations

APPROVED

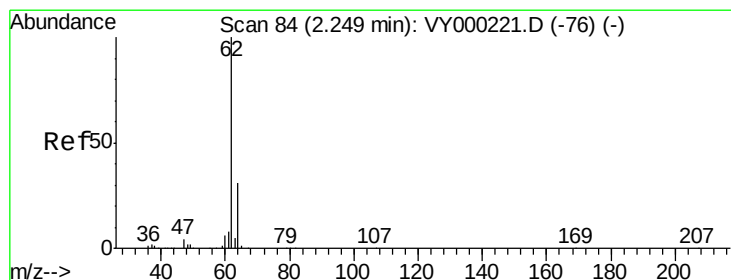
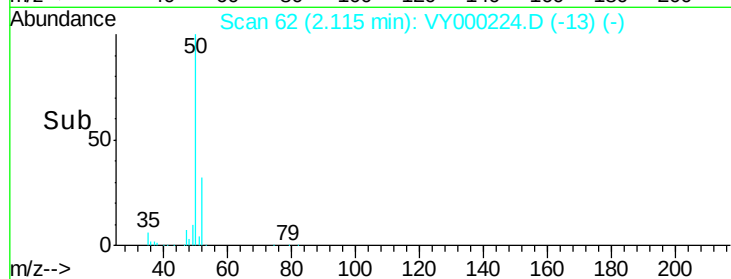
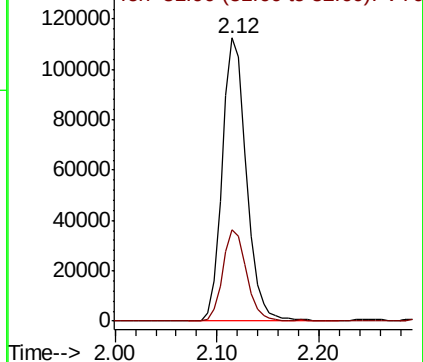
MMDadoda

10/10/2019 12:52:25 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.441 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000224.D

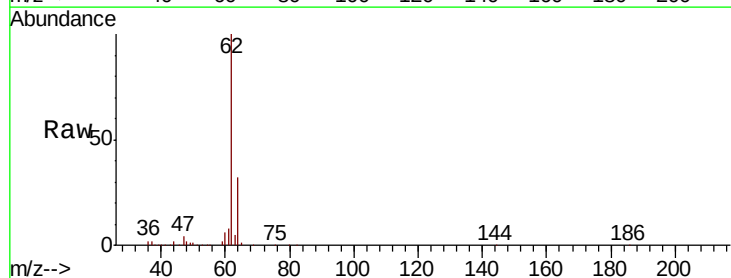
Acq: 08 Oct 2019 15:41

Tgt Ion: 62 Resp: 195821

Ion Ratio Lower Upper

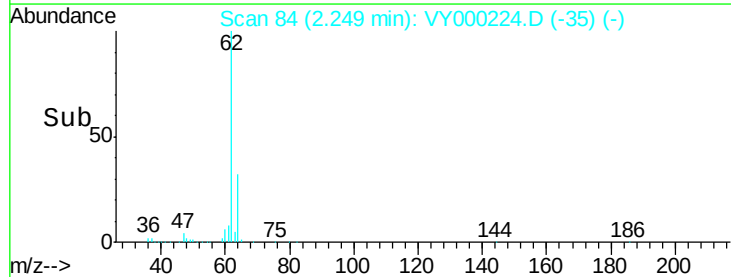
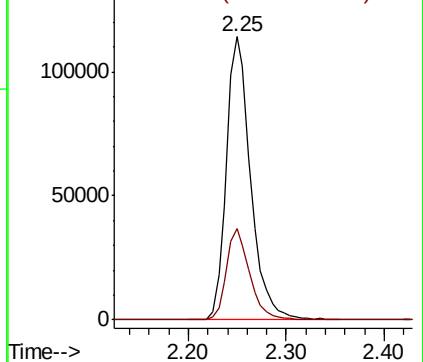
62 100

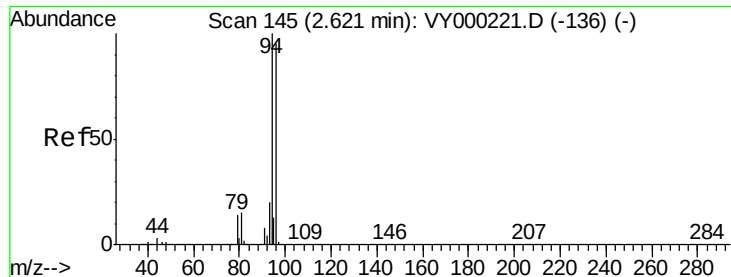
64 32.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 51.188 ug/l

RT: 2.63 min Scan# 146

Delta R.T. 0.01 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100819

Tot Ion: 94 Resp: 133309

Ion Ratio Lower Upper

94 100

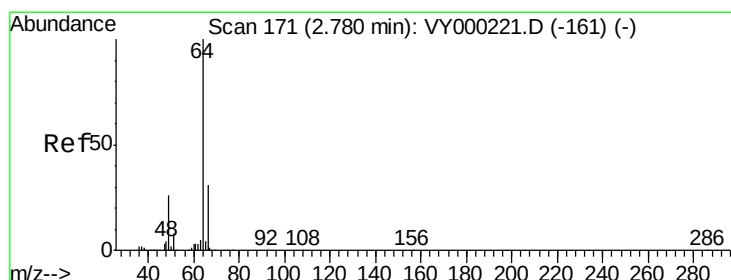
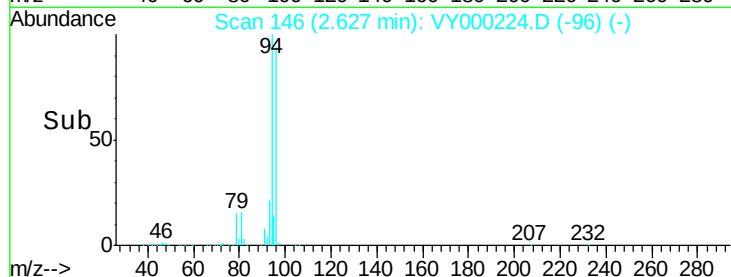
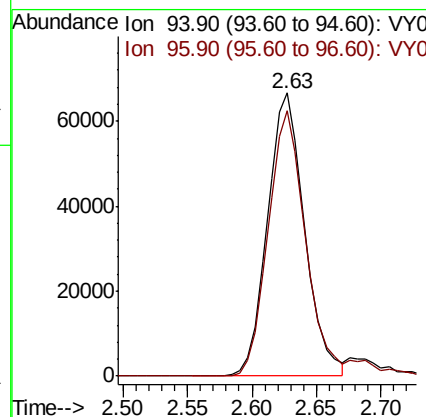
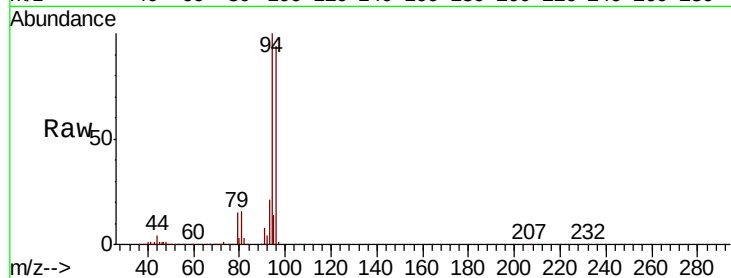
96 93.5 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

10/10/2019 12:52:25 AM



#6

Chloroethane

Concen: 48.618 ug/l

RT: 2.78 min Scan# 171

Delta R.T. 0.00 min

Lab File: VY000224.D

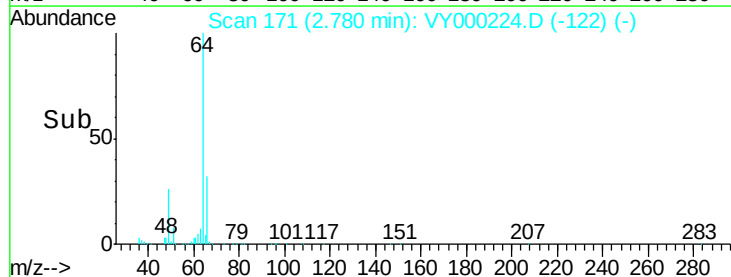
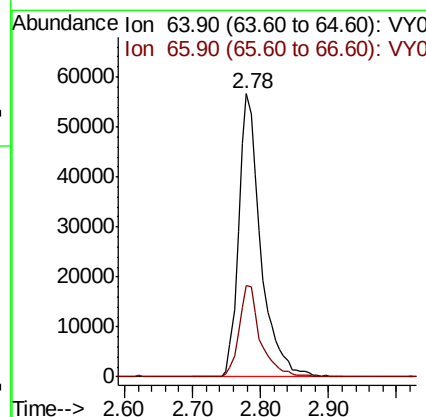
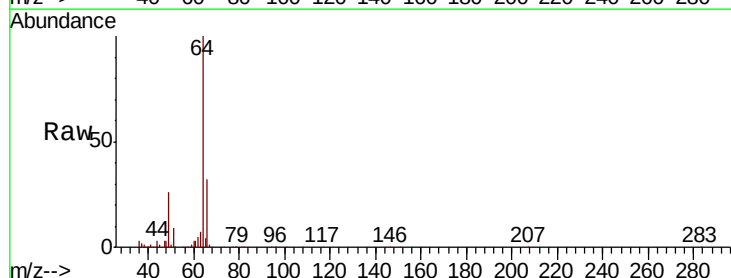
Acq: 08 Oct 2019 15:41

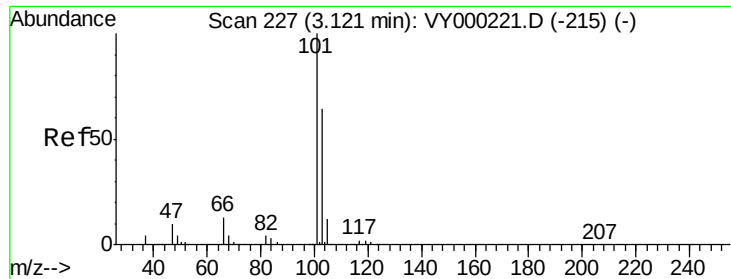
Tgt Ion: 64 Resp: 126752

Ion Ratio Lower Upper

64 100

66 32.1 24.5 36.7





#7

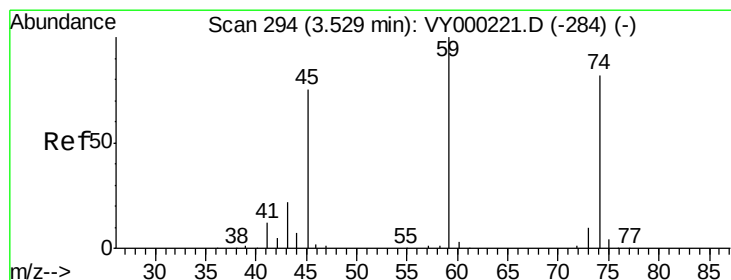
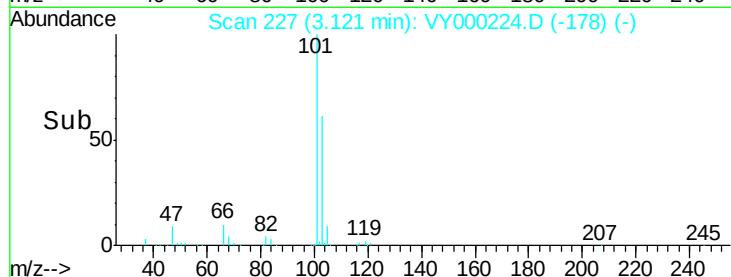
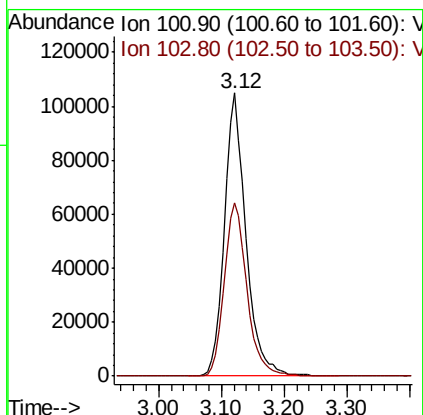
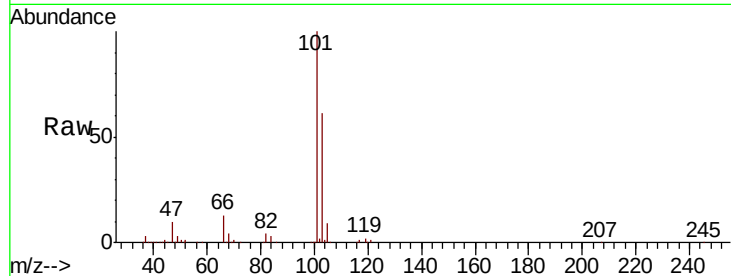
Trichlorofluoromethane
Concen: 46.646 ug/l
RT: 3.12 min Scan# 227
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	51.0	76.6

Manual Integrations
APPROVED

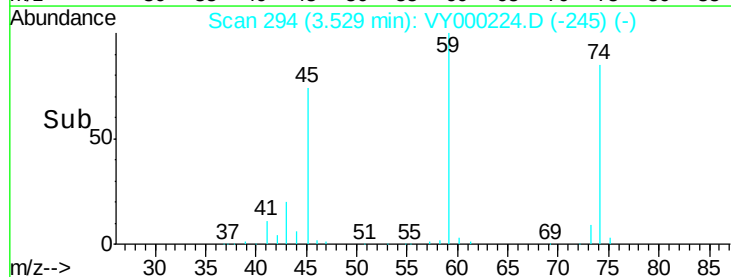
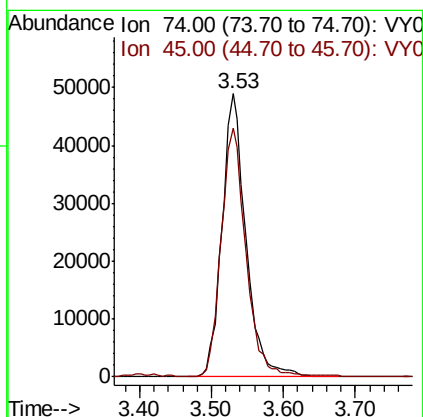
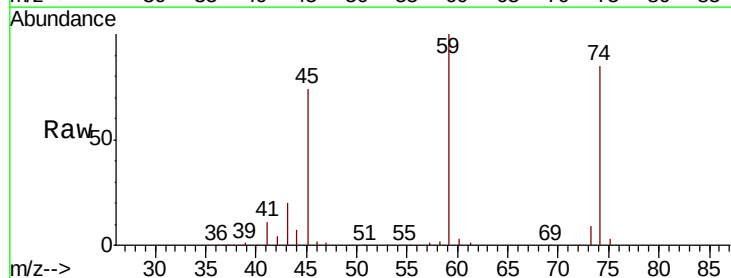
MMDadoda
10/10/2019 12:52:25 AM

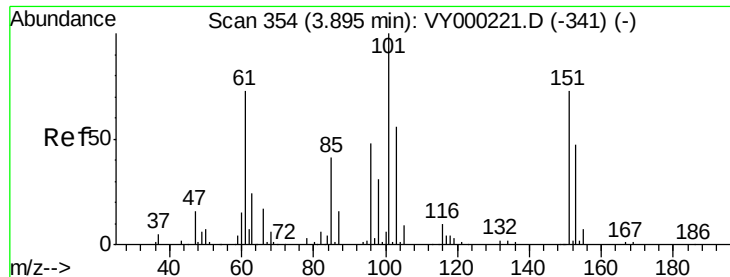


#8

Diethyl Ether
Concen: 46.318 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.1	45.8	137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.283 ug/l

RT: 3.90 min Scan# 354

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

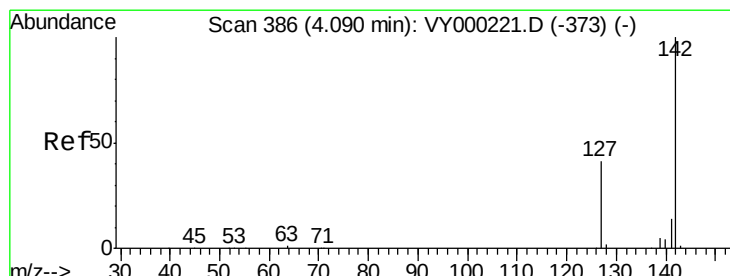
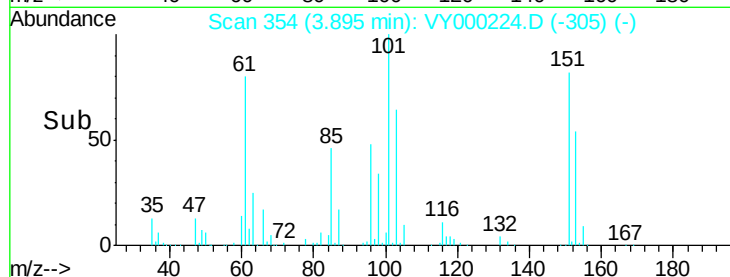
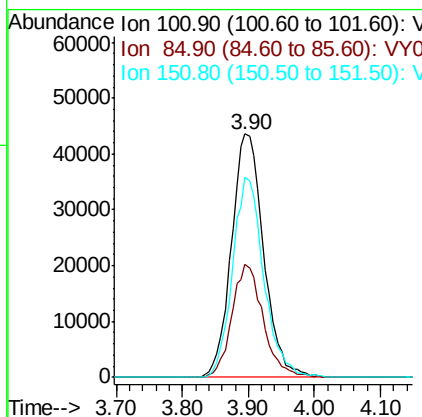
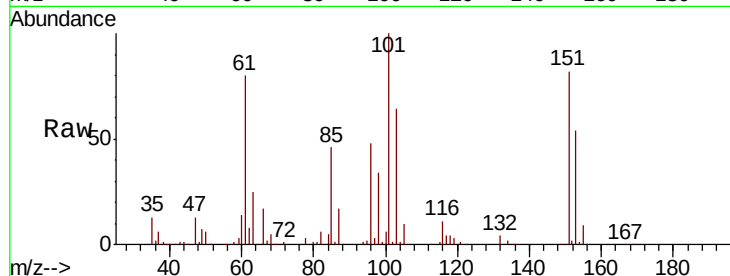
ClientSampleId :

ICVVY100819

Tot Ion:	101	Resp:	147252
Ion Ratio	Lower	Upper	
101	100		
85	45.0	37.0	55.6
151	79.9	63.0	94.4

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM



#10

Methyl Iodide

Concen: 44.729 ug/l

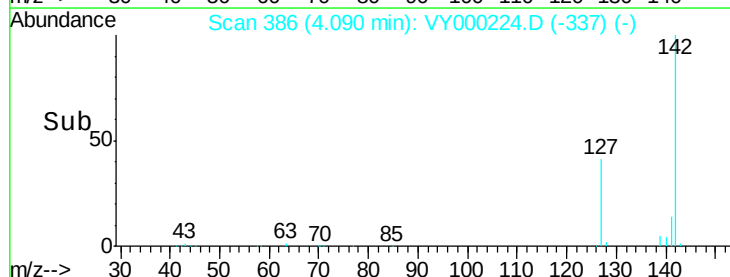
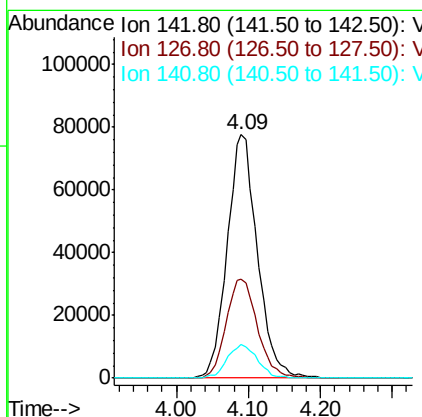
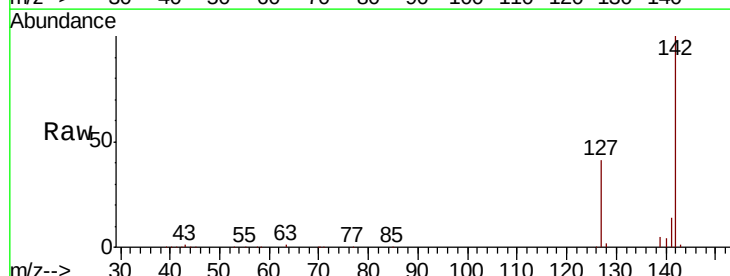
RT: 4.09 min Scan# 386

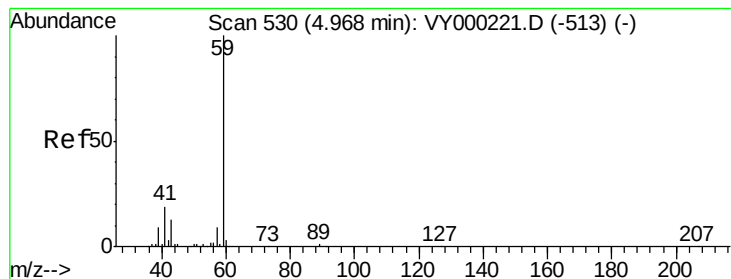
Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Tgt Ion:	142	Resp:	225945
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.0	49.6
141	14.0	11.0	16.4





#11

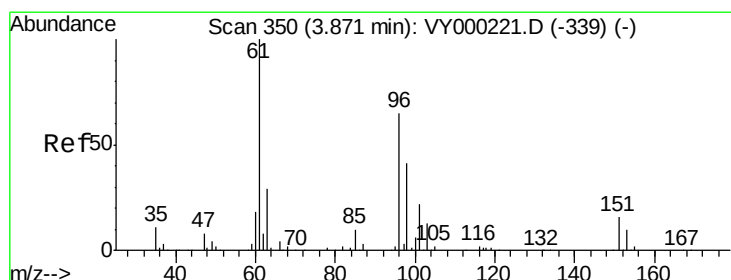
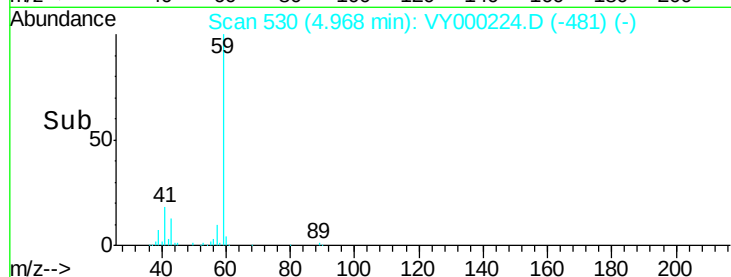
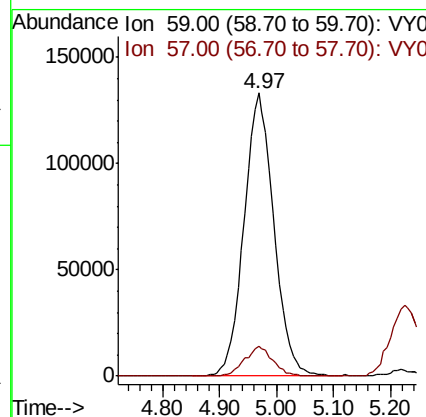
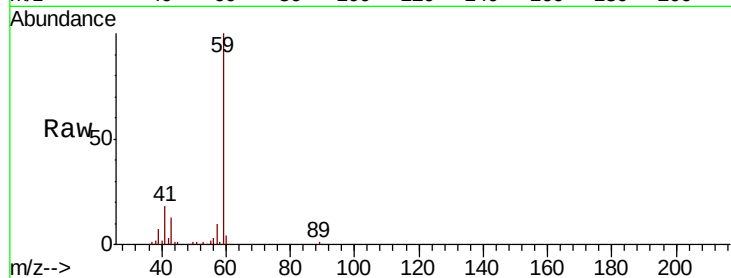
Tert butyl alcohol
Concen: 236.820 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	486593		
57	57	10.1		8.0	12.0

Manual Integrations
APPROVED

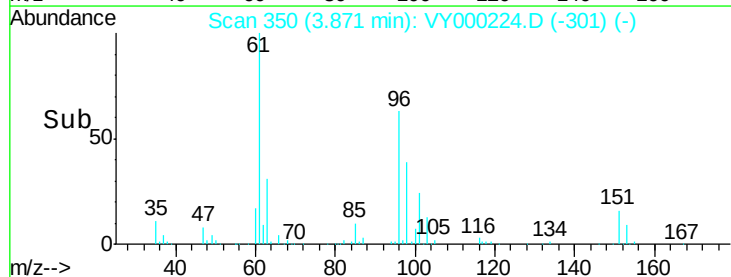
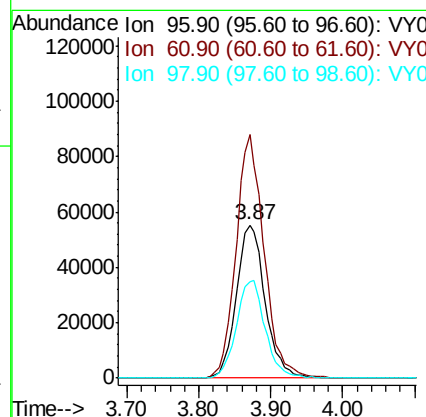
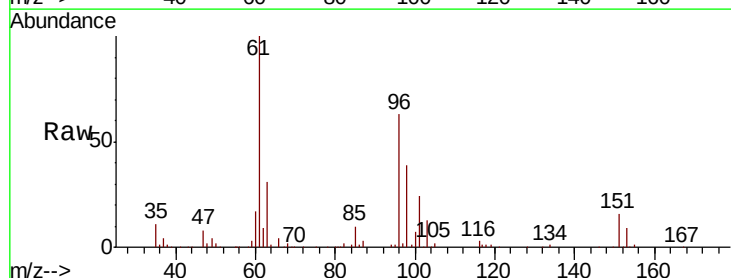
MMDadoda
10/10/2019 12:52:25 AM

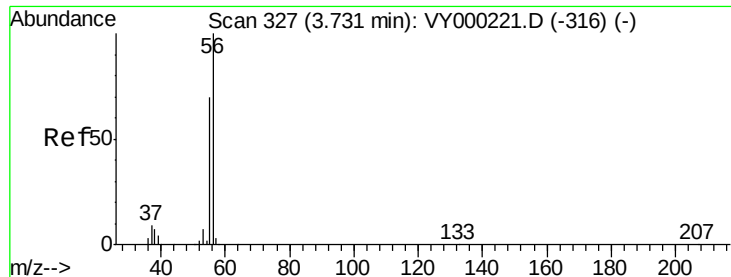


#12

1,1-Dichloroethene
Concen: 47.341 ug/l
RT: 3.87 min Scan# 350
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	153059		
61	61	159.1		123.8	185.8
98	98	62.8		50.9	76.3





#13

Acrolein

Concen: 227.922 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100819

Tot Ion: 56 Resp: 245824

Ion Ratio Lower Upper

56 100

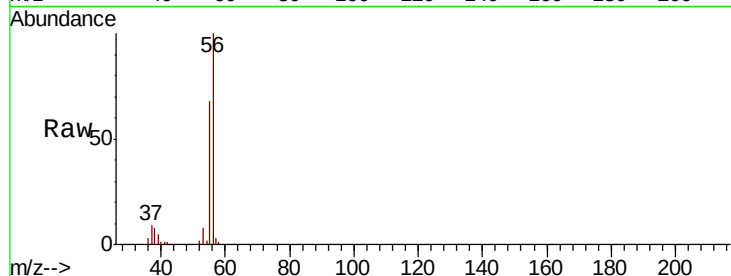
55 70.5 55.2 82.8

Manual Integrations

APPROVED

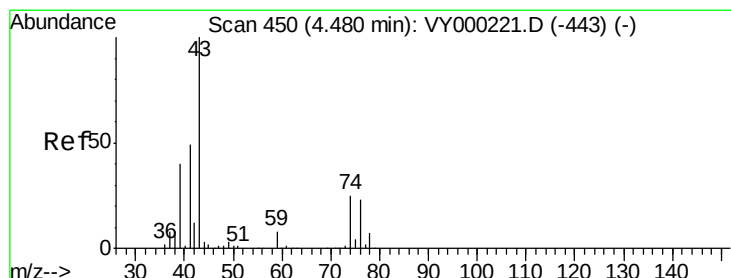
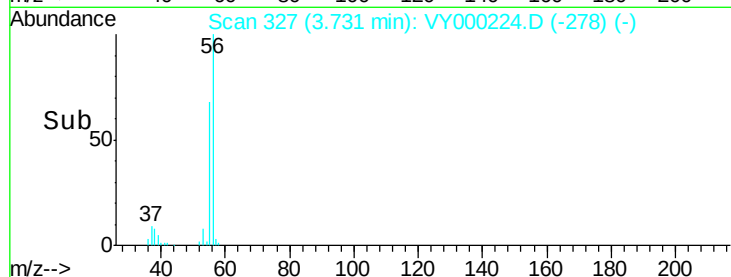
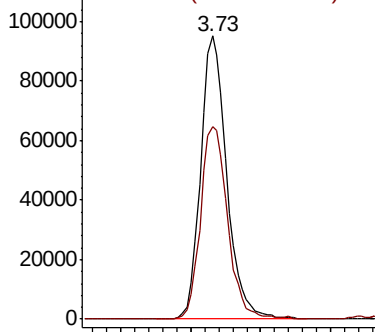
MMDadoda

10/10/2019 12:52:25 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 46.454 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

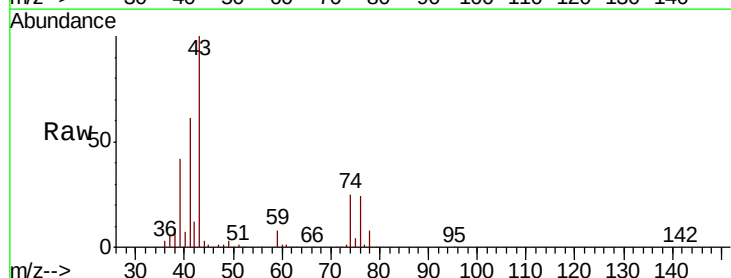
Tgt Ion: 41 Resp: 253074

Ion Ratio Lower Upper

41 100

39 71.8 56.4 84.6

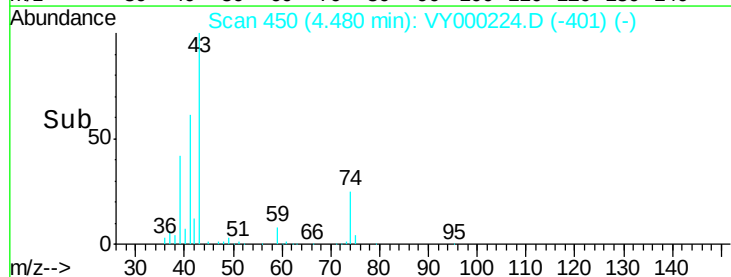
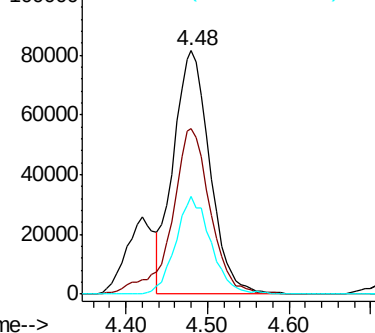
76 38.6 30.8 46.2

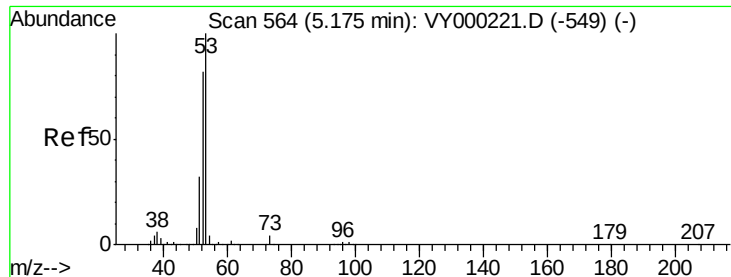


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 241.238 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

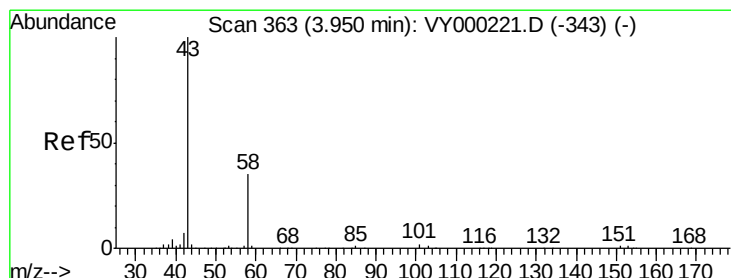
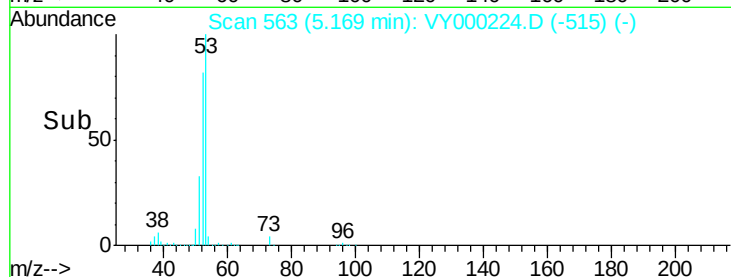
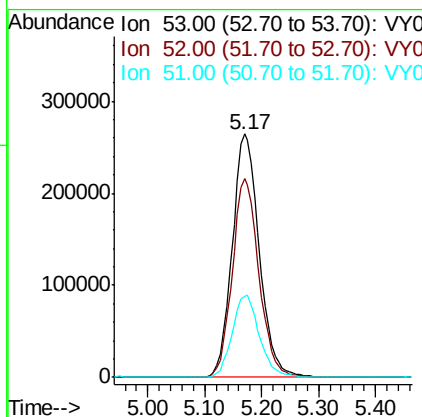
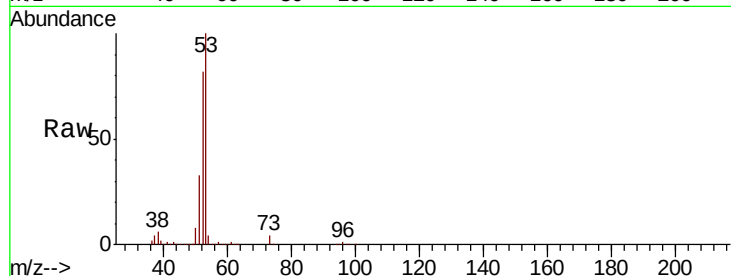
ClientSampleId :

ICVVY100819

Tot Ion:	53	Resp:	874982
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.4	98.2
51	34.1	27.2	40.8

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM



#16

Acetone

Concen: 252.543 ug/l

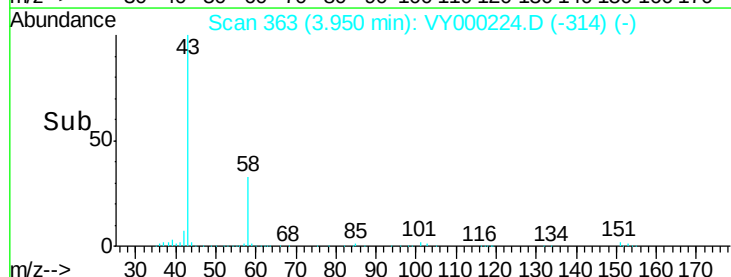
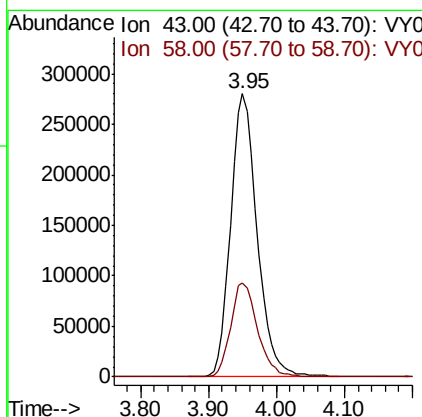
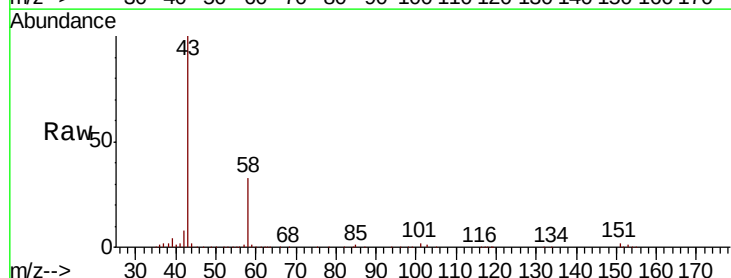
RT: 3.95 min Scan# 363

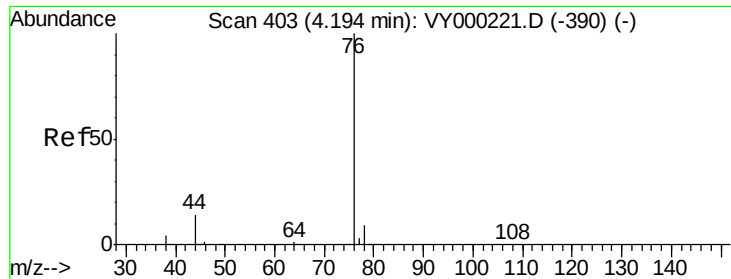
Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Tgt Ion:	43	Resp:	756474
Ion	Ratio	Lower	Upper
43	100		
58	33.3	28.2	42.4





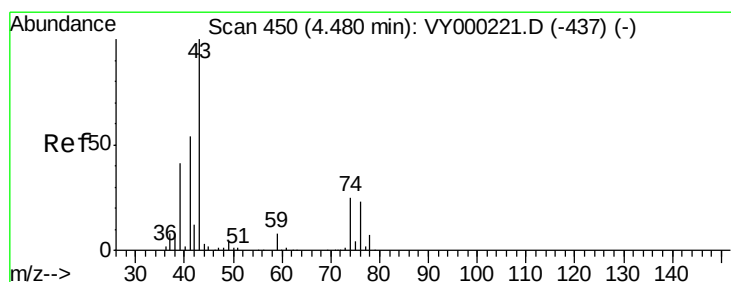
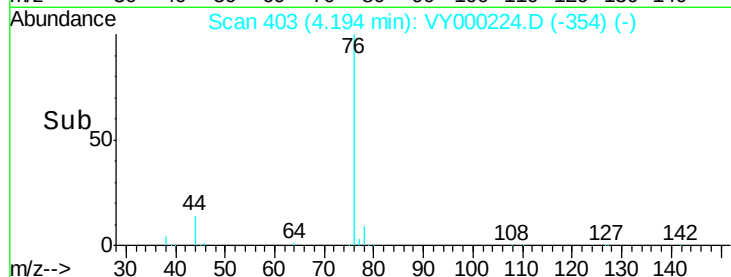
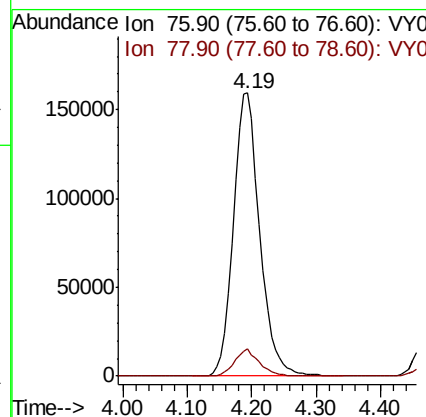
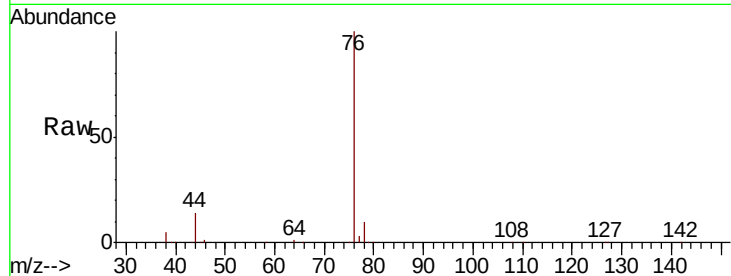
#17
Carbon Disulfide
Concen: 47.675 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.6

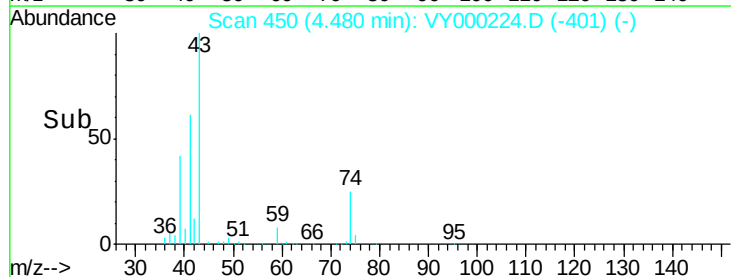
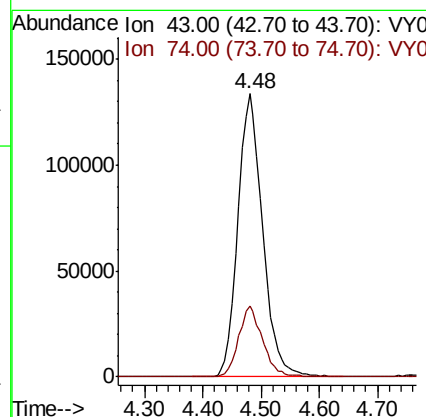
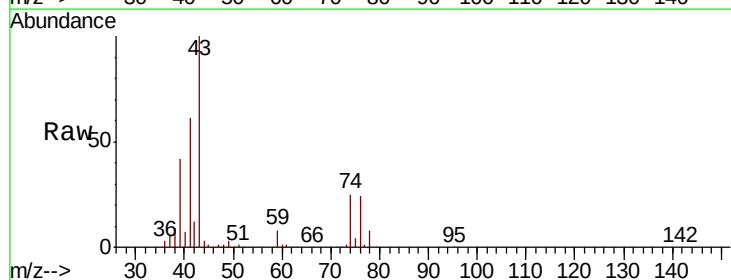
Manual Integrations
APPROVED

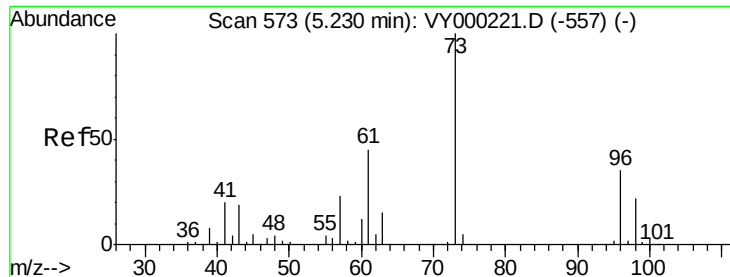
MMDadoda
10/10/2019 12:52:25 AM



#18
Methyl Acetate
Concen: 48.064 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.1	28.7





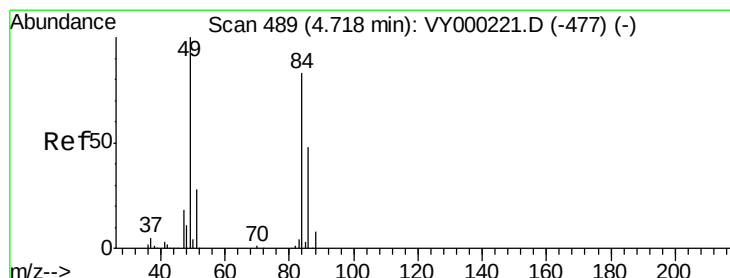
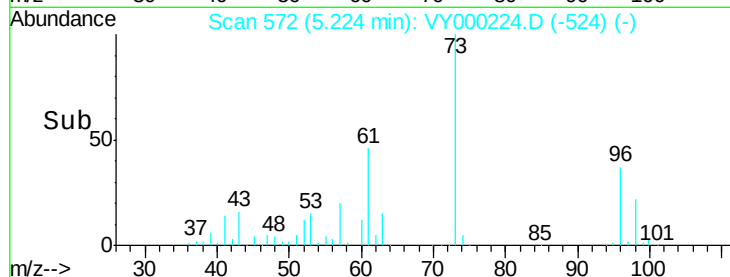
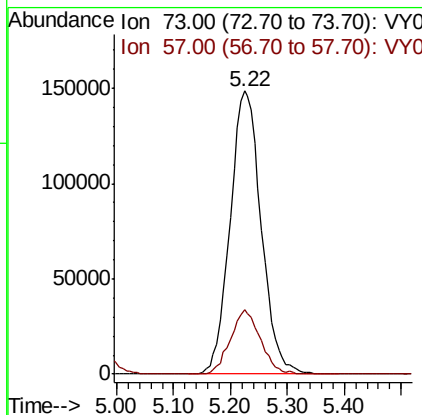
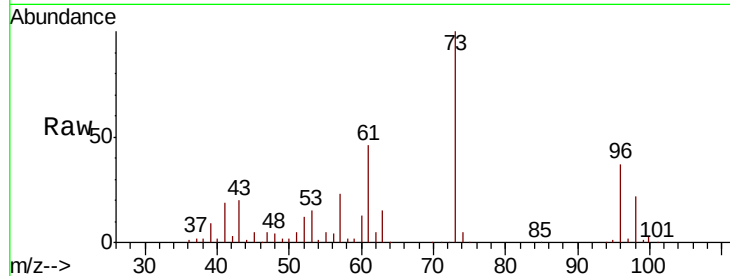
#19
Methyl tert-butyl Ether
Concen: 47.938 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion: 73 Resp: 567016
Ion Ratio Lower Upper
73 100
57 22.6 18.4 27.6

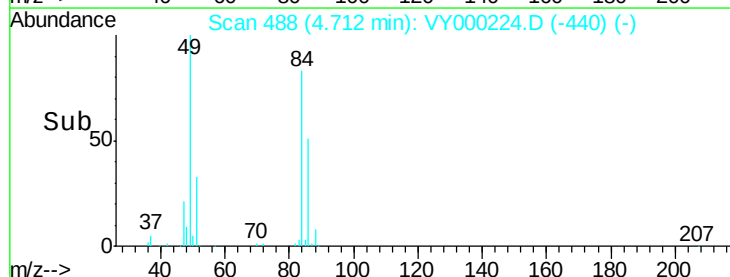
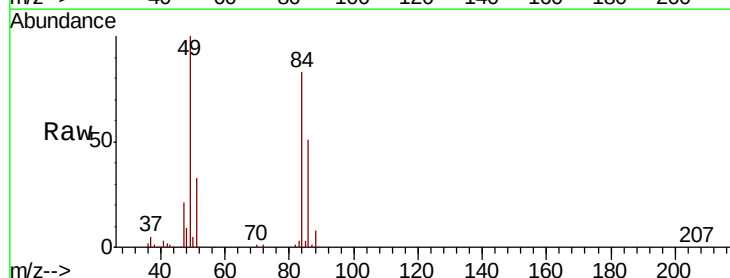
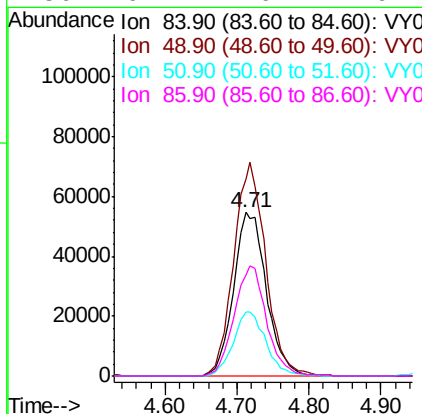
Manual Integrations
APPROVED

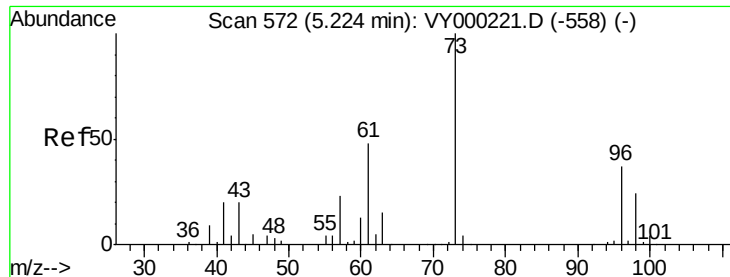
MMDadoda
10/10/2019 12:52:25 AM



#20
Methylene Chloride
Concen: 44.028 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion: 84 Resp: 173255
Ion Ratio Lower Upper
84 100
49 120.3 96.2 144.2
51 39.1 26.6 39.8
86 61.7 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 47.028 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

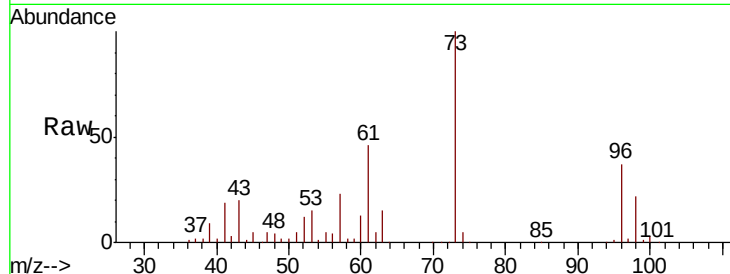
ClientSampleId :

ICVVY100819

Tot Ion:	96	Resp:	171040
Ion	Ratio	Lower	Upper
96	100		
61	126.0	104.2	156.2
98	60.2	51.0	76.6

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM

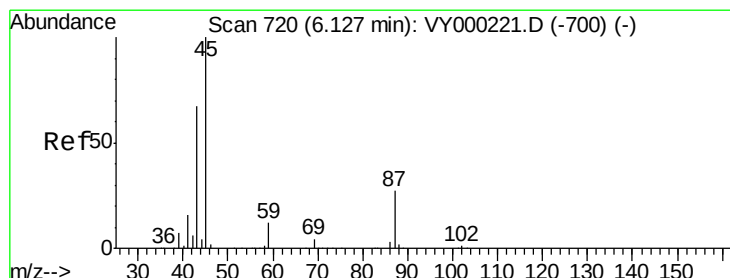
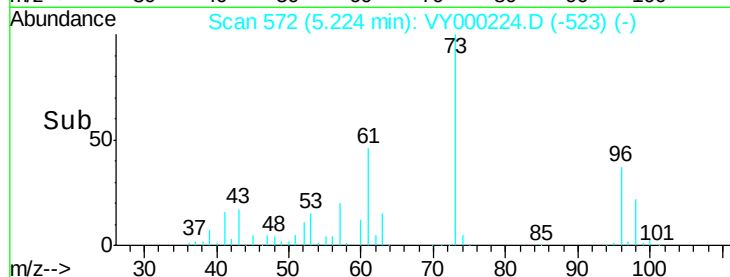
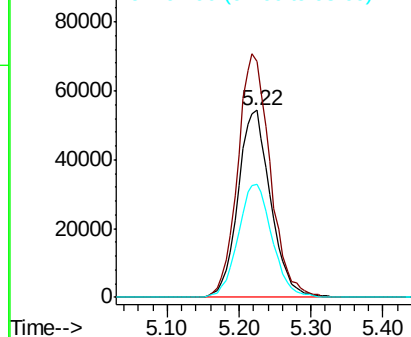


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 48.689 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Tgt Ion:	45	Resp:	614534
Ion	Ratio	Lower	Upper
45	100		
43	63.0	53.4	80.2
87	28.5	21.7	32.5
59	11.5	9.6	14.4

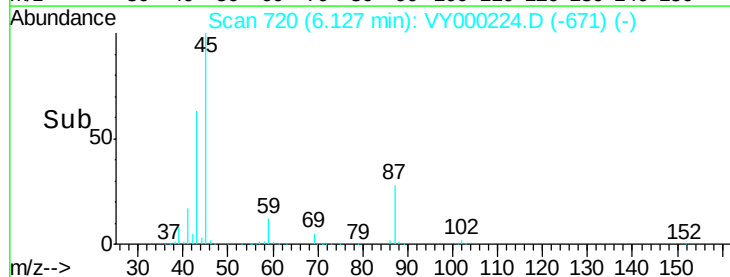
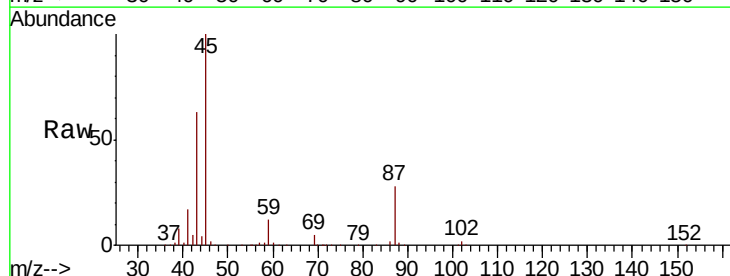
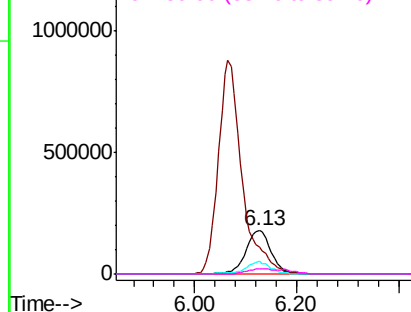
Abundance

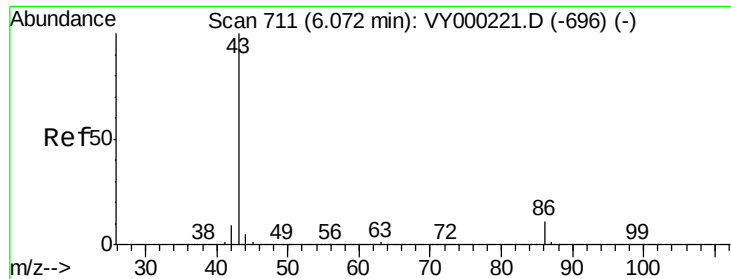
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





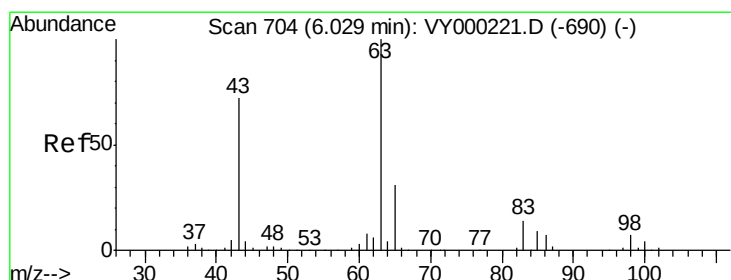
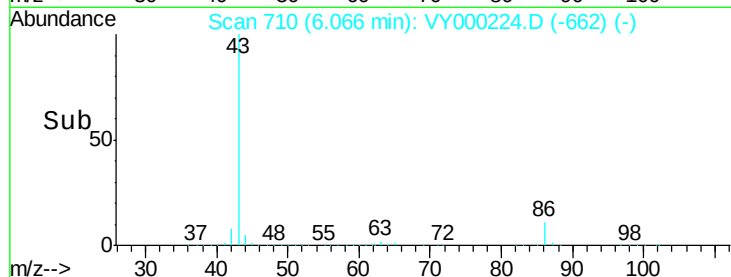
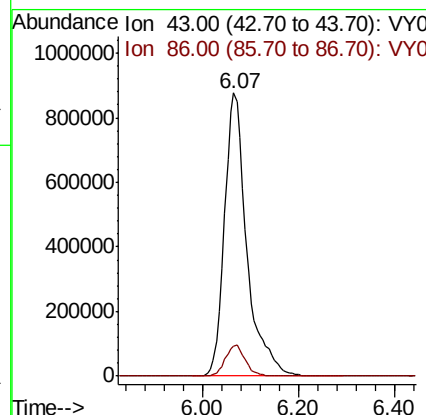
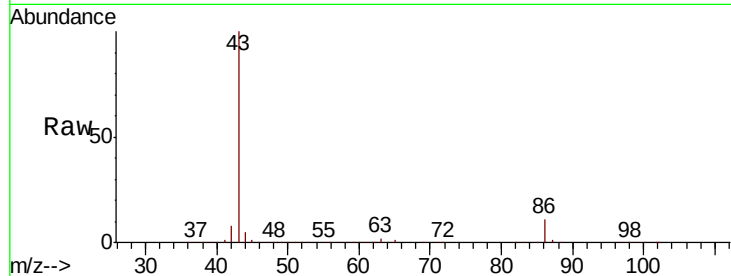
#23
 Vinyl Acetate
 Concen: 227.122 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Tot Ion: 43 Resp: 2832361
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

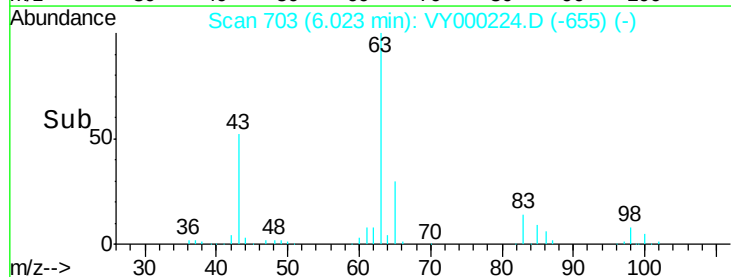
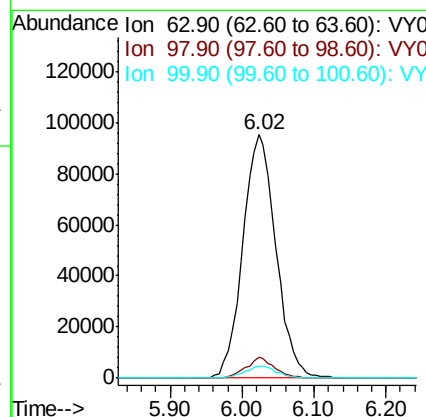
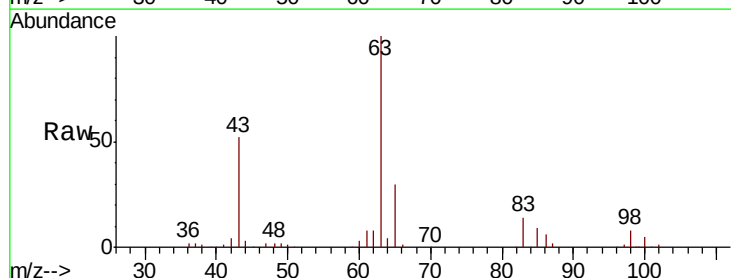
Manual Integrations
 APPROVED

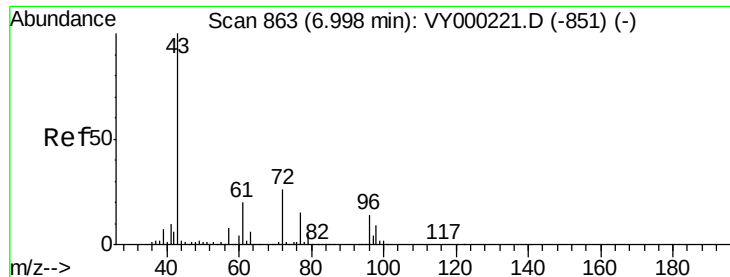
MMDadoda
 10/10/2019 12:52:25 AM



#24
 1,1-Dichloroethane
 Concen: 47.135 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion: 63 Resp: 303454
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.6
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 255.143 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100819

Tot Ion: 43 Resp: 1413865

Ion Ratio Lower Upper

43 100

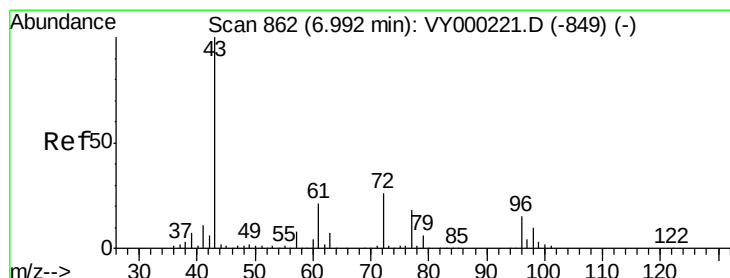
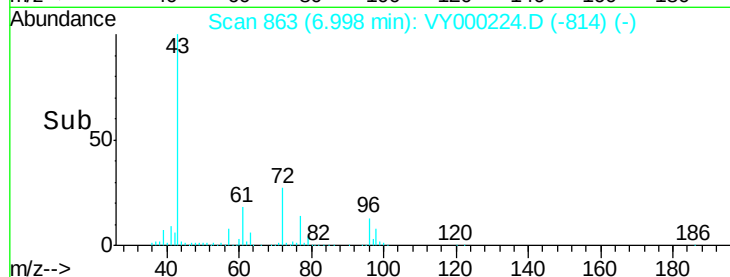
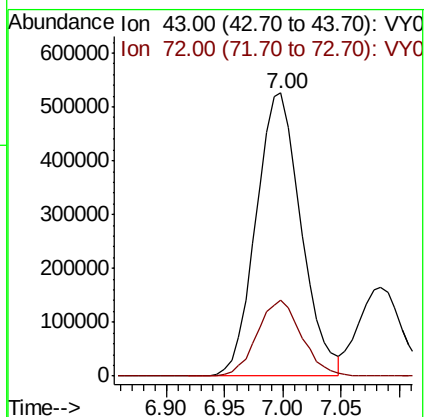
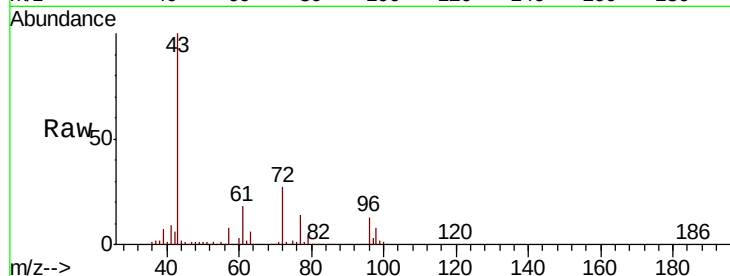
72 26.7 20.6 31.0

Manual Integrations

APPROVED

MMDadoda

10/10/2019 12:52:25 AM



#26

2,2-Dichloropropane

Concen: 44.480 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000224.D

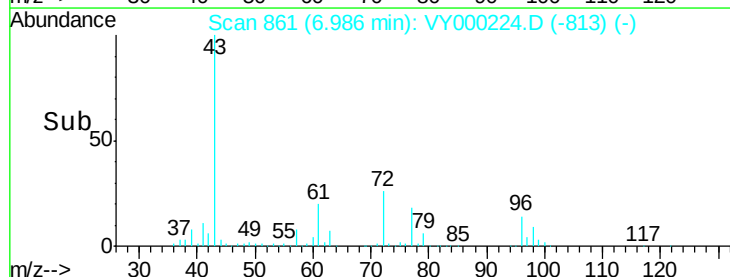
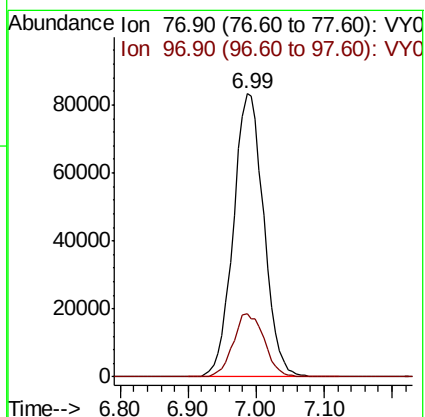
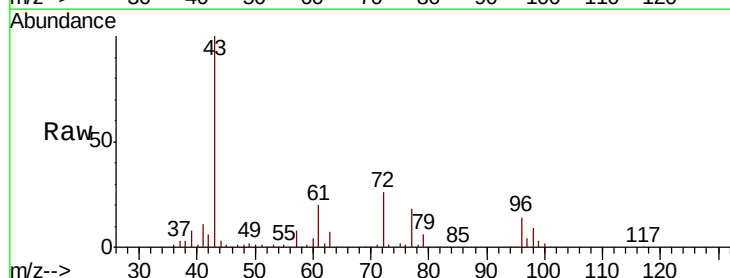
Acq: 08 Oct 2019 15:41

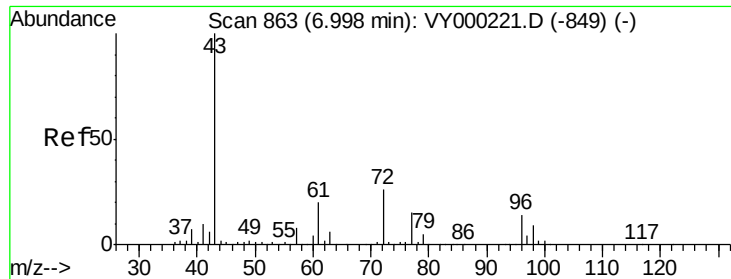
Tgt Ion: 77 Resp: 258501

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

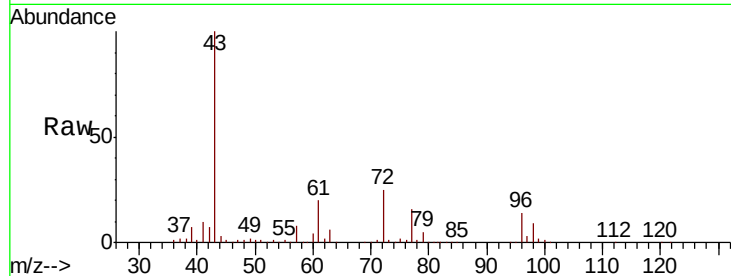
cis-1,2-Dichloroethene
 Concen: 45.930 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

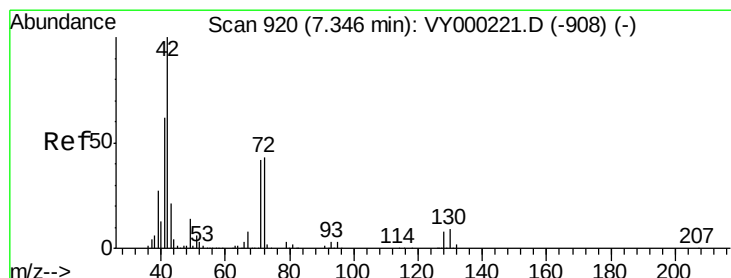
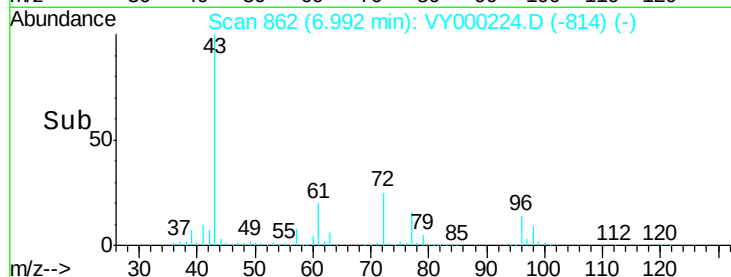
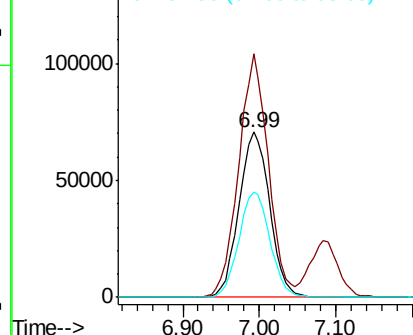
Tot Ion	Ratio	Resp	Lower	Upper
96	100	196767		
61	142.0		0.0	282.6
98	64.6		0.0	129.8

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:25 AM



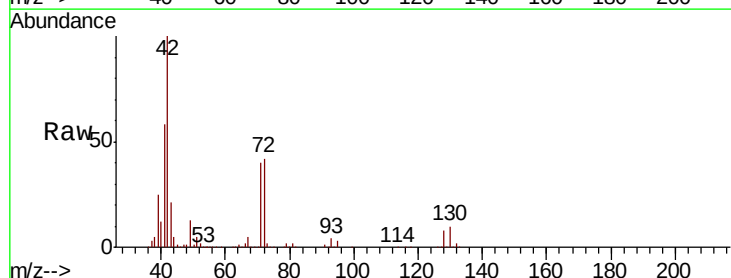
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



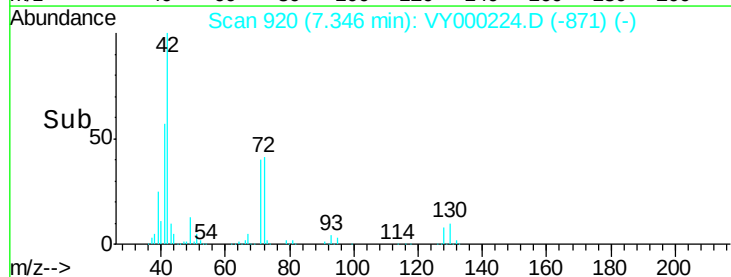
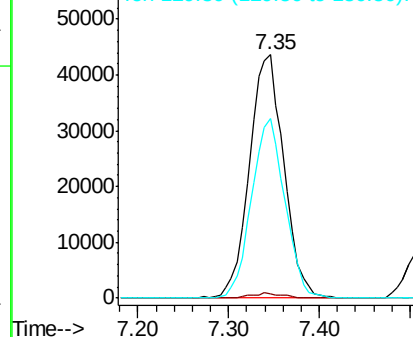
#28

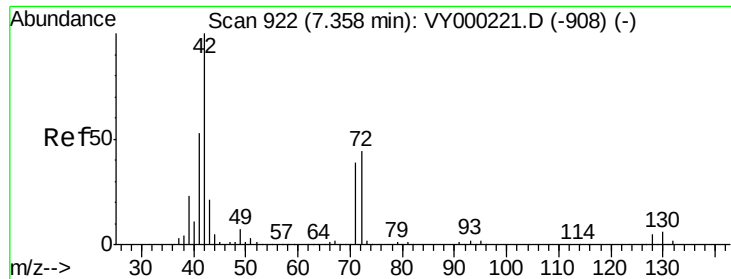
Bromochloromethane
 Concen: 53.999 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	114427		
129	1.8		0.0	3.2
130	71.5		56.5	84.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





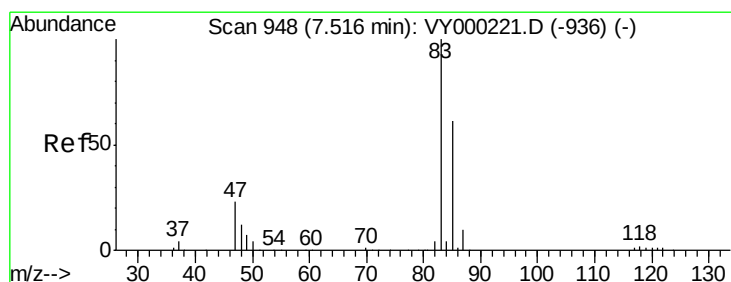
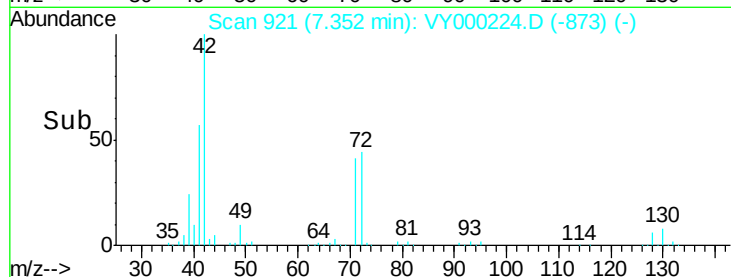
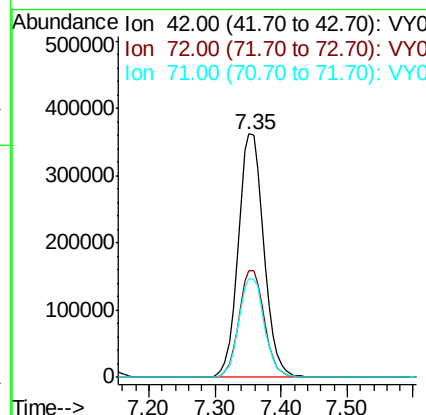
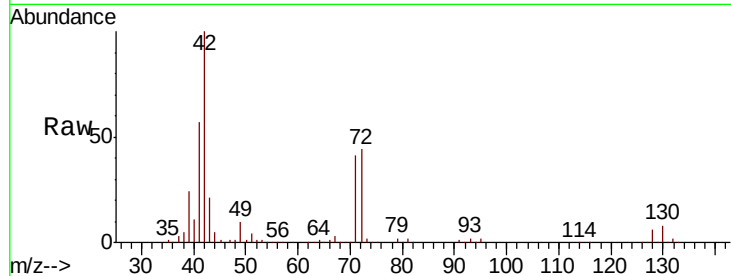
#29
Tetrahydrofuran
Concen: 247.471 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100819

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.6	51.8
71	40.8	31.9	47.9

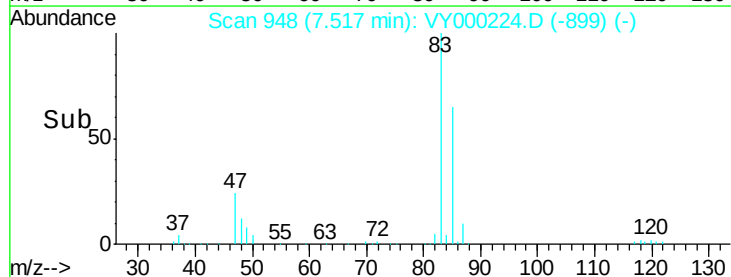
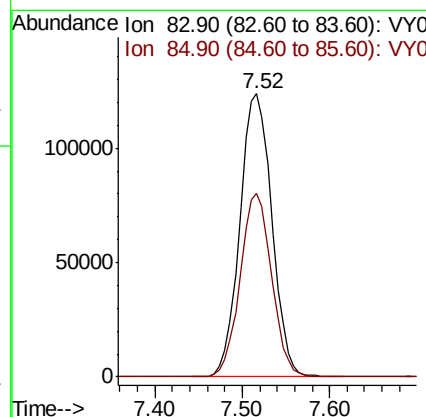
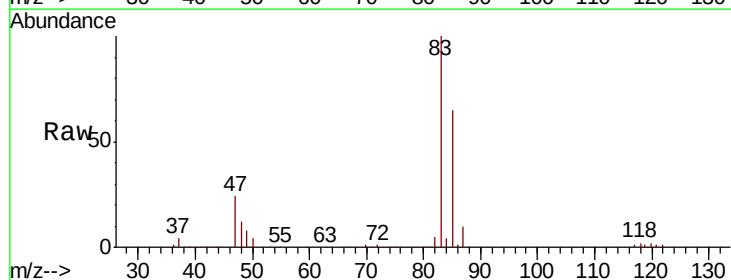
Manual Integrations
APPROVED

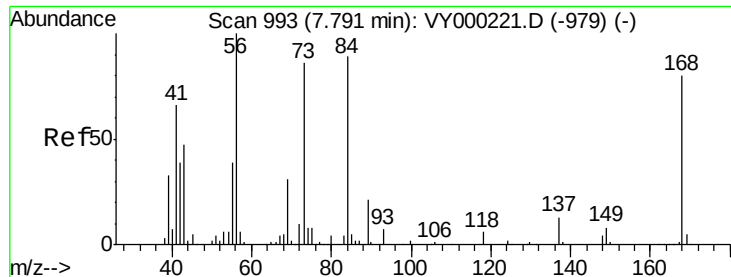
MMDadoda
10/10/2019 12:52:25 AM



#30
Chloroform
Concen: 47.066 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	48.9	73.3





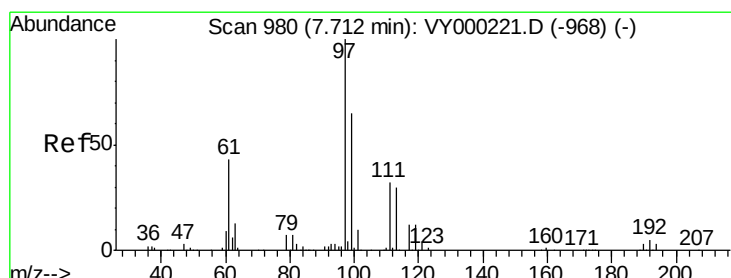
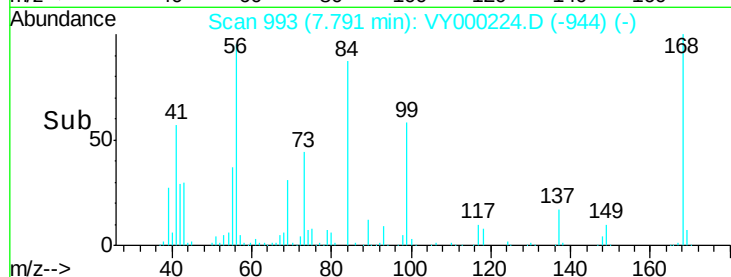
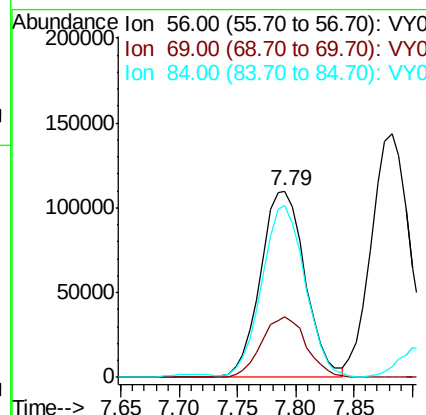
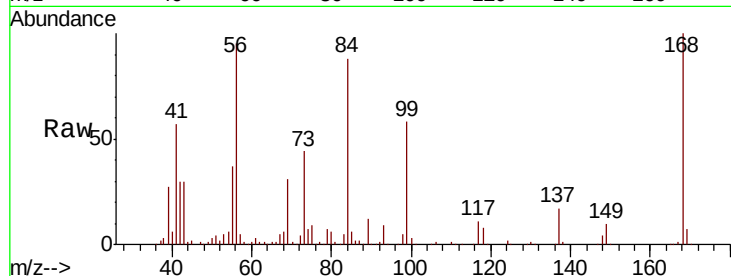
#31
Cyclohexane
Concen: 44.885 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.7	37.1
84	90.9	71.3	106.9

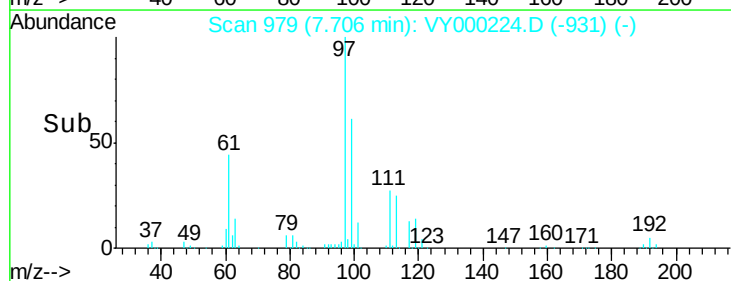
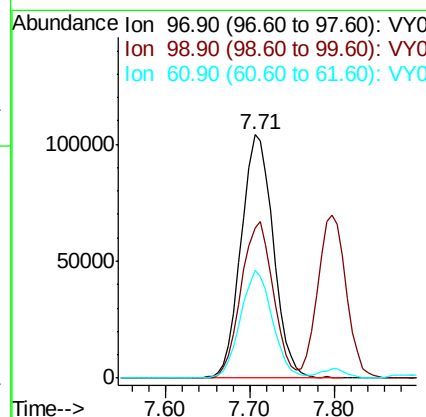
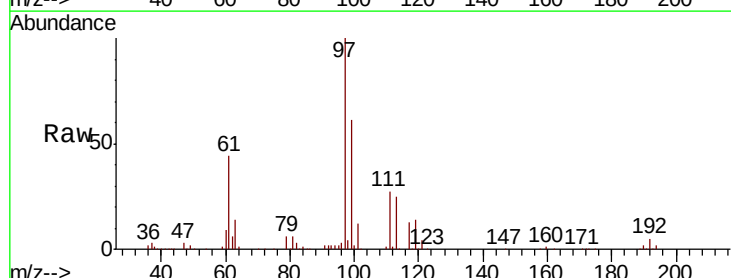
Manual Integrations
APPROVED

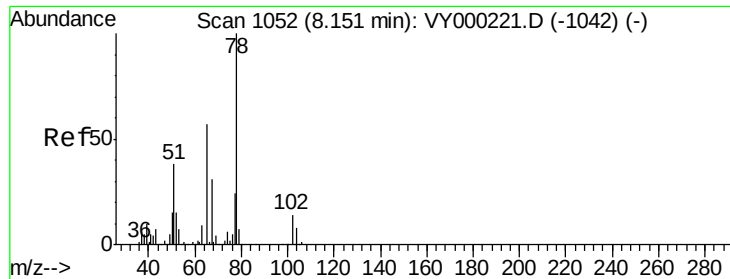
MMDadoda
10/10/2019 12:52:25 AM



#32
1,1,1-Trichloroethane
Concen: 47.368 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.2
61	43.8	34.2	51.4





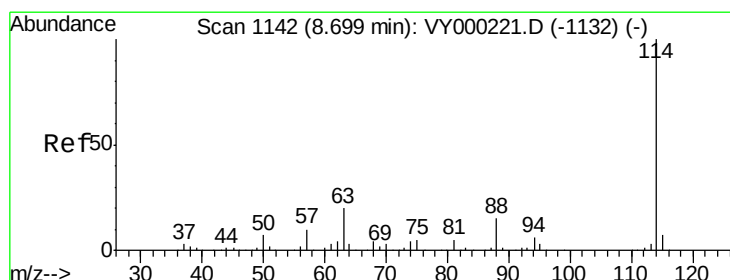
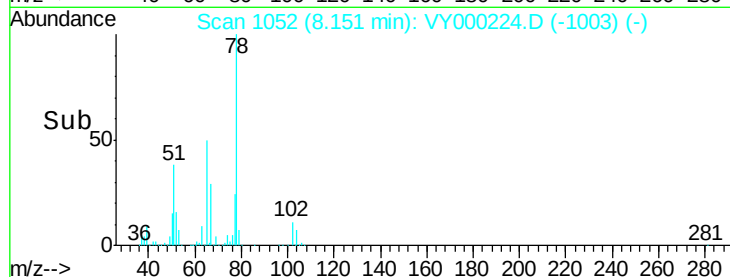
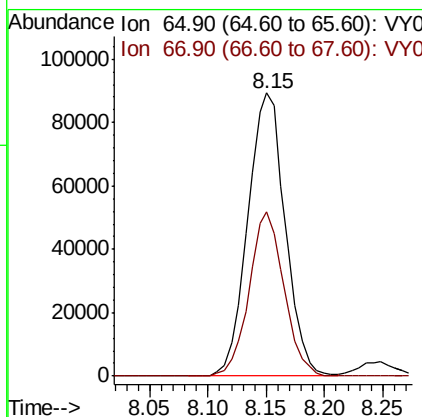
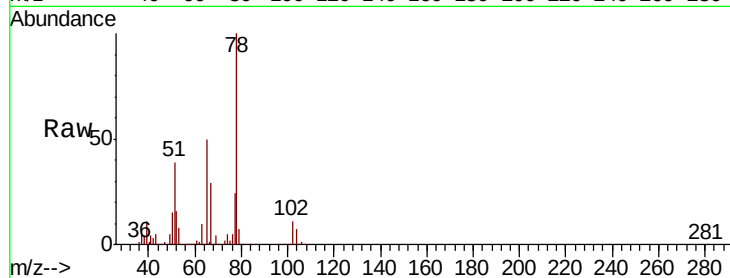
#33
 1,2-Dichloroethane-d4
 Concen: 52.843 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.0

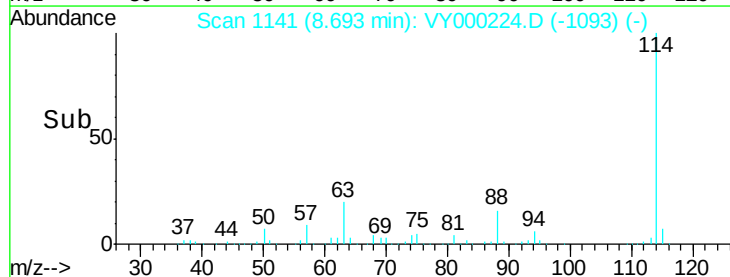
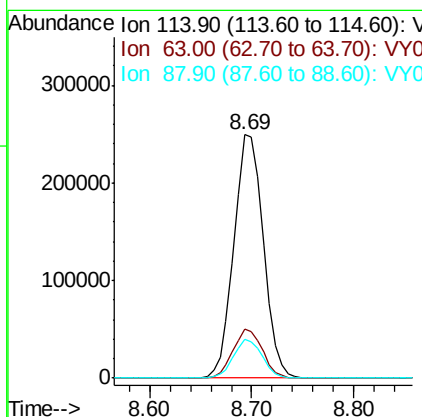
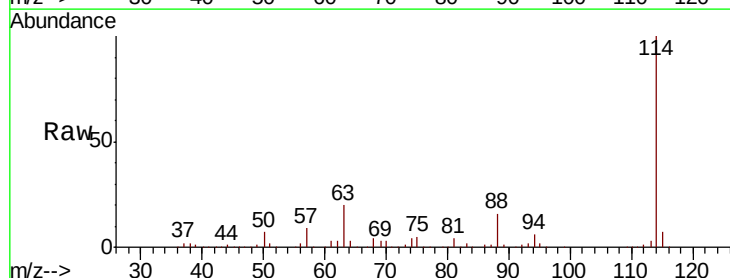
Manual Integrations
 APPROVED

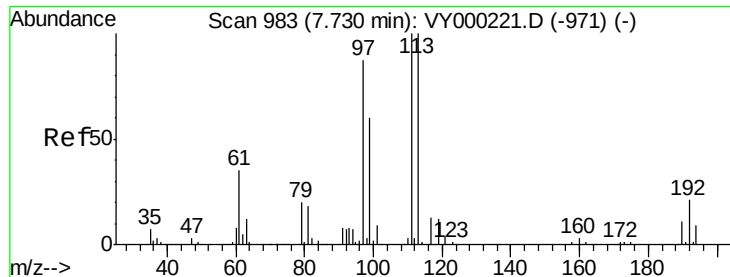
MMDadoda
 10/10/2019 12:52:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	15.7	0.0	30.6





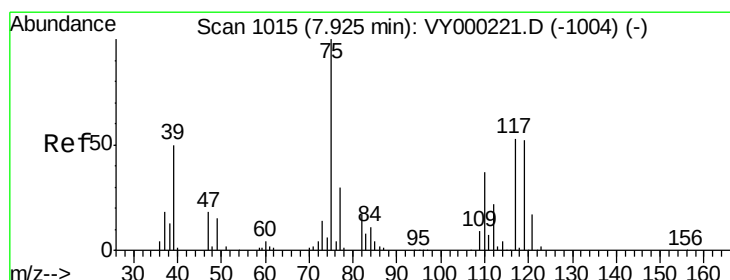
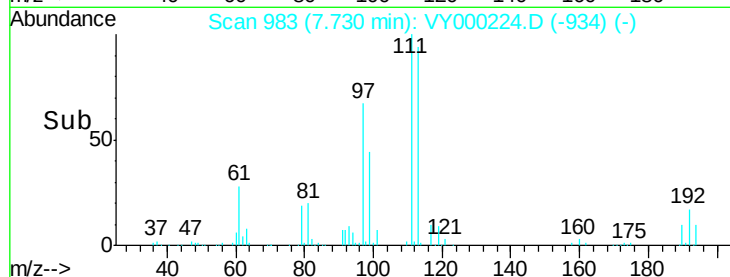
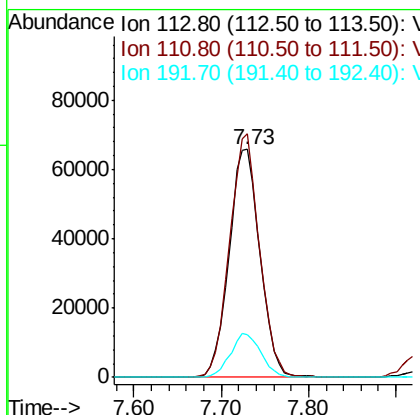
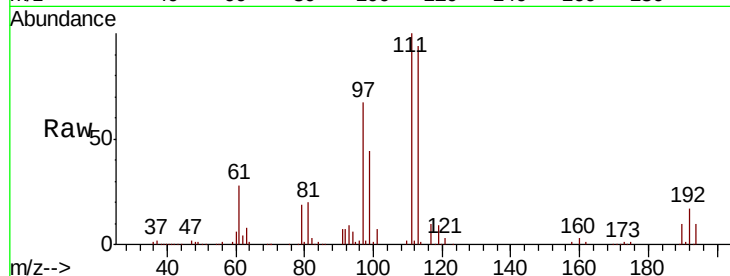
#35
 Dibromofluoromethane
 Concen: 51.966 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Tot Ion	Ratio	Resp	Lower	Upper
113	100	161719		
111	103.3	82.6	124.0	
192	19.0	15.8	23.8	

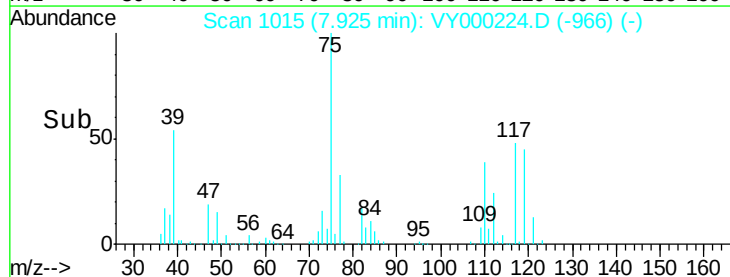
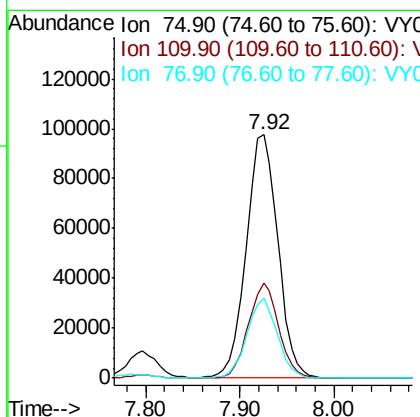
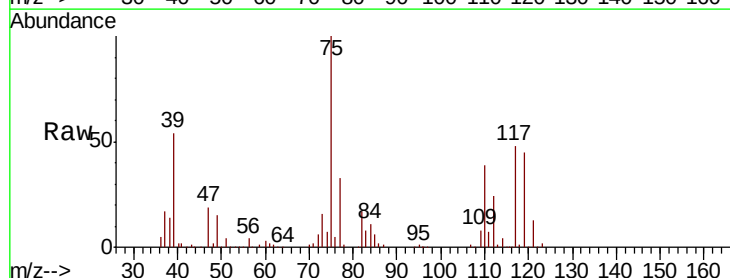
Manual Integrations
 APPROVED

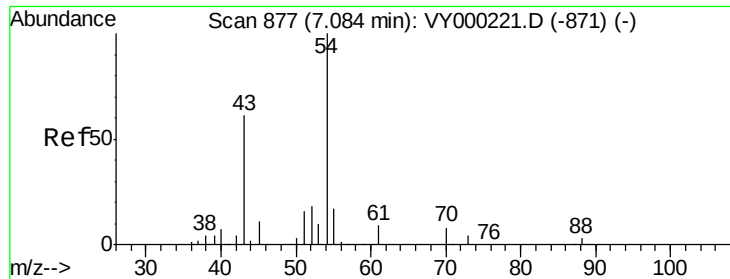
MMDadoda
 10/10/2019 12:52:25 AM



#36
 1,1-Dichloropropene
 Concen: 45.343 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	230429		
110	37.3	18.4	55.2	
77	31.8	24.7	37.1	





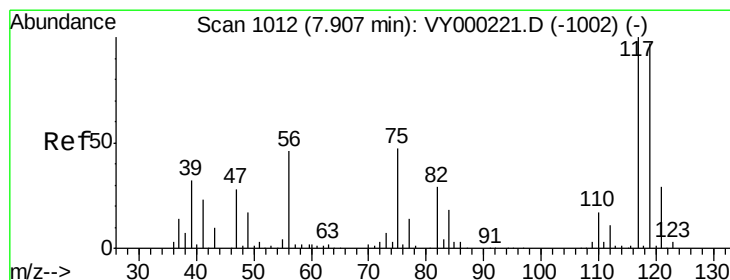
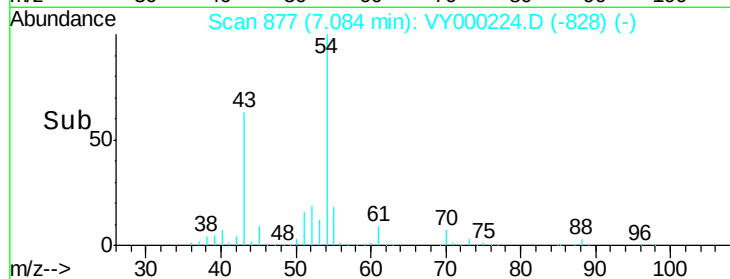
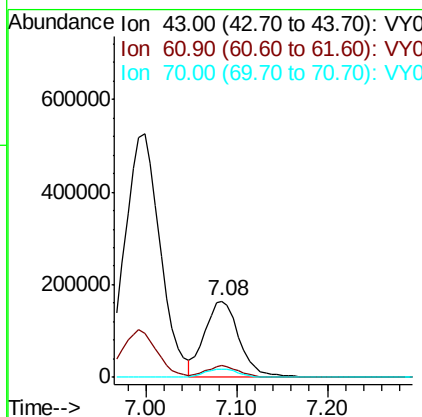
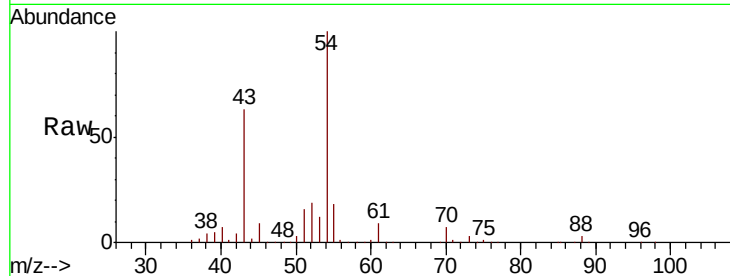
#37
Ethyl Acetate
Concen: 47.888 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100819

Tot Ion	43	61	70
Resp	439954		
Ratio	100	14.3	10.5
Lower		11.1	8.5
Upper		16.7	12.7

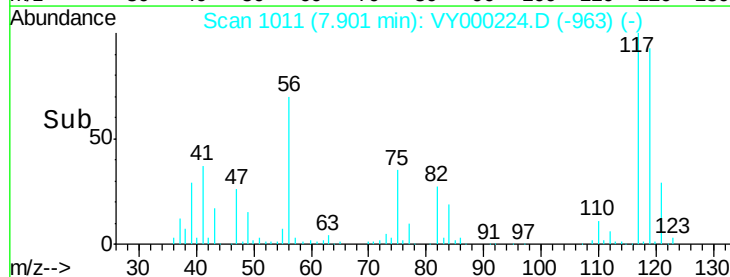
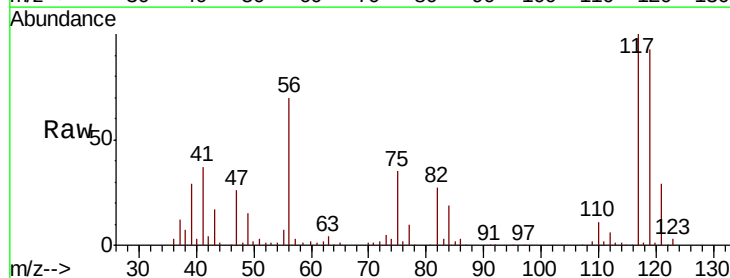
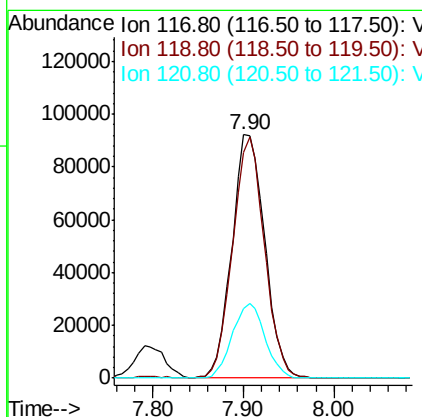
Manual Integrations
APPROVED

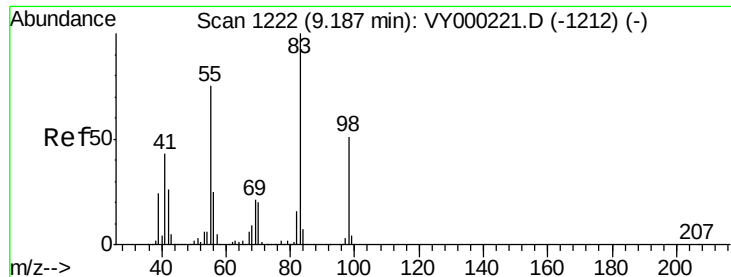
MMDadoda
10/10/2019 12:52:25 AM



#38
Carbon Tetrachloride
Concen: 46.911 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	117	119	121
Resp	232352		
Ratio	100	92.9	28.7
Lower		77.2	23.1
Upper		115.8	34.7





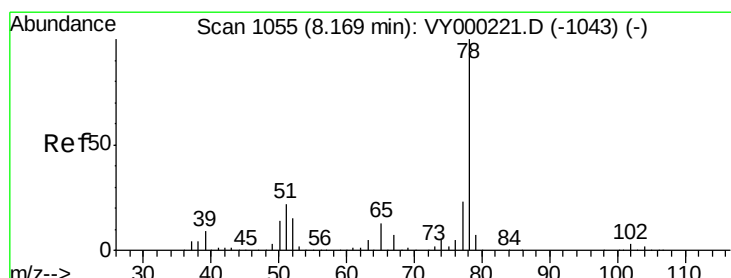
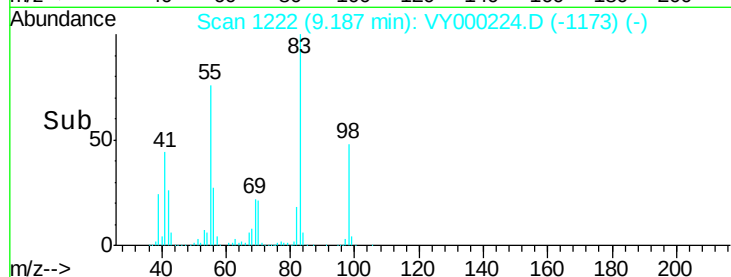
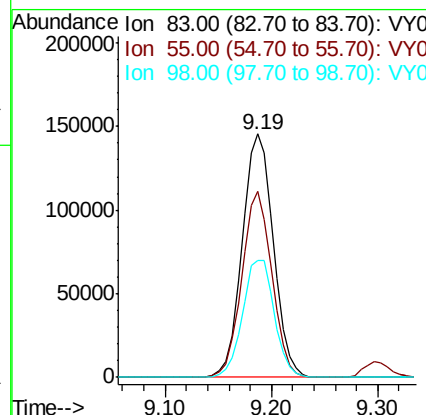
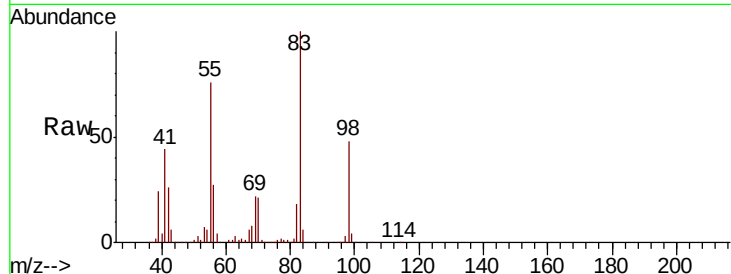
#39
Methylvlcyclohexane
Concen: 46.864 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVYVY100819

Tot Ion	Ratio	Resp	Lower	Upper
83	100	298775		
55	76.3		60.2	90.4
98	48.0		40.5	60.7

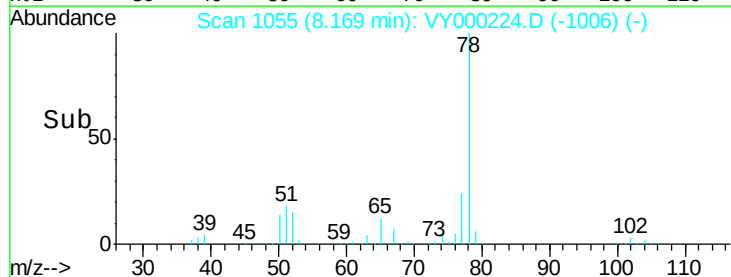
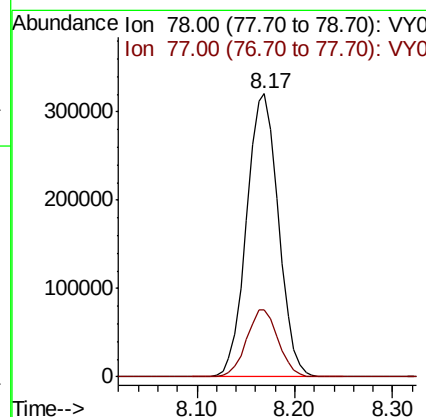
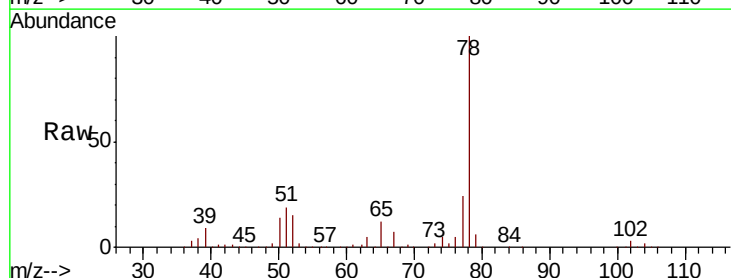
Manual Integrations
APPROVED

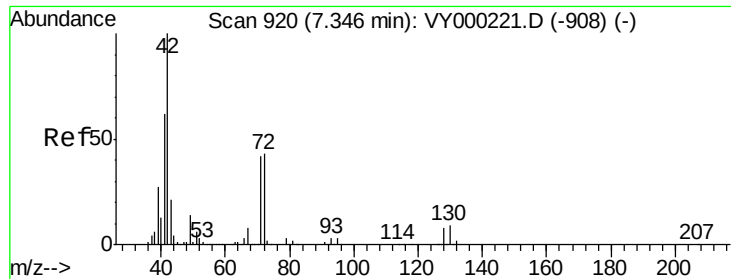
MMDadoda
10/10/2019 12:52:25 AM



#40
Benzene
Concen: 47.109 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	726227		
77	23.7		18.6	28.0





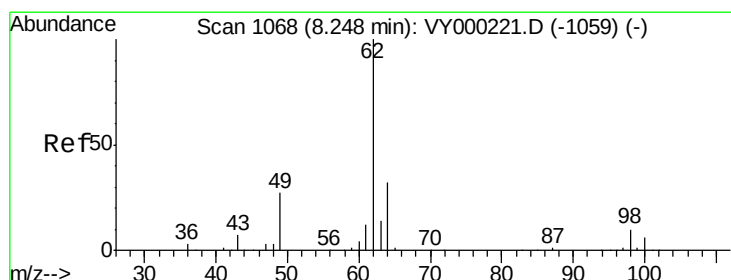
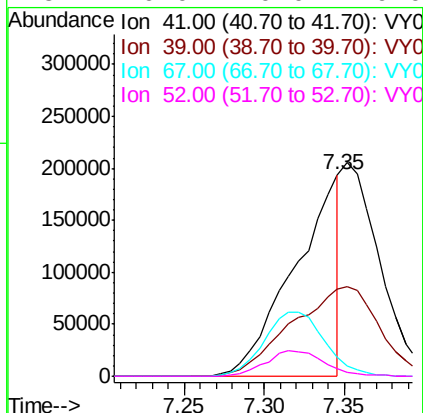
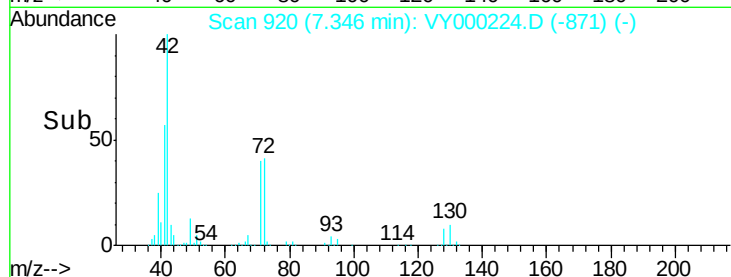
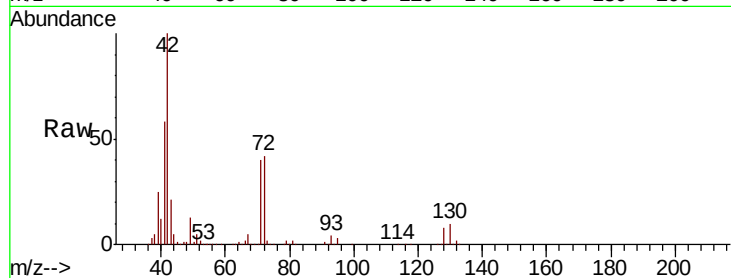
#41
Methacrylonitrile
Concen: 54.410 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	41	Resp	393446
Ion	Ratio	Lower	Upper
41	100		
39	83.0	74.7	112.1
67	0.0	0.0	0.0
52	0.0	0.0	0.0

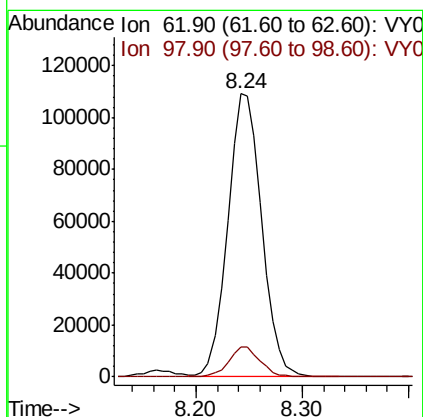
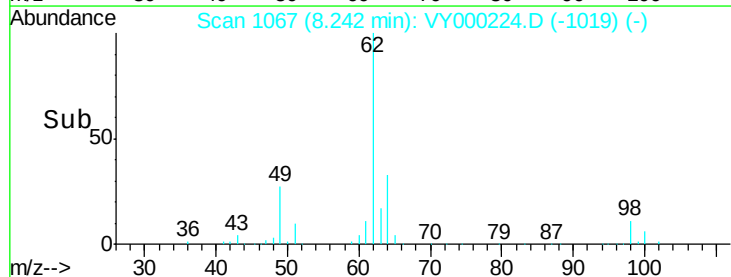
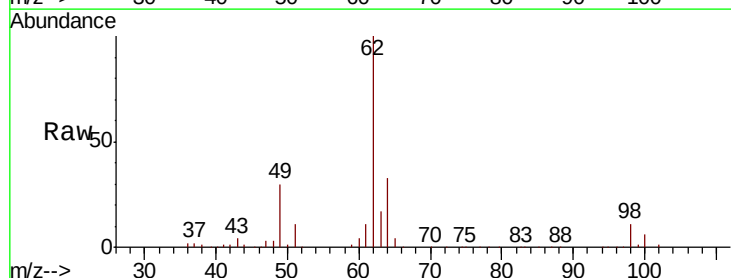
Manual Integrations
APPROVED

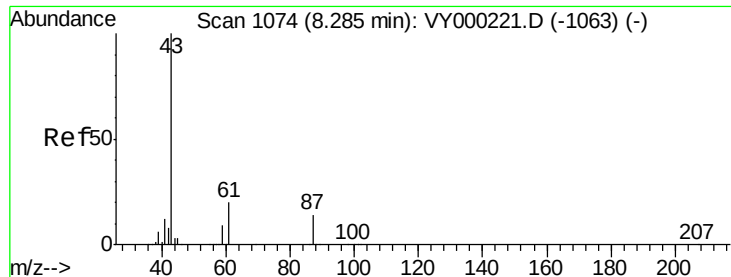
MMDadoda
10/10/2019 12:52:25 AM



#42
1,2-Dichloroethane
Concen: 48.663 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	62	Resp	243672
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





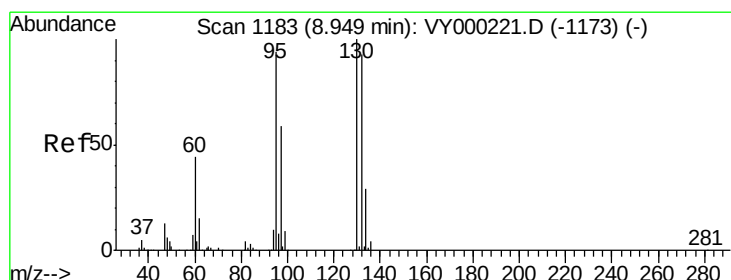
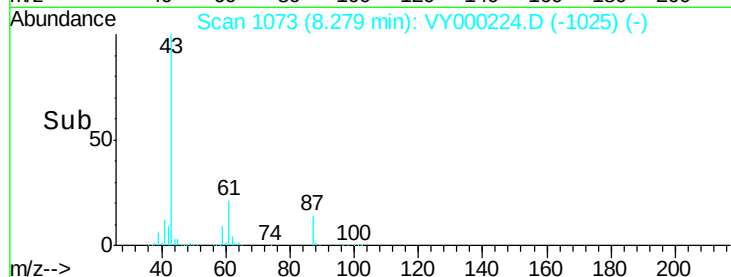
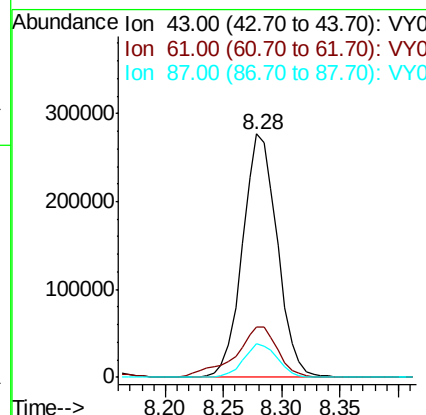
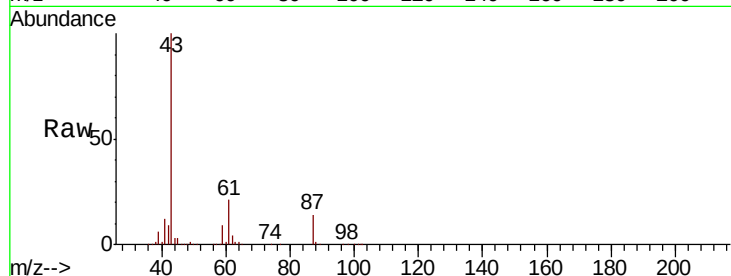
#43
Isopropyl Acetate
Concen: 48.365 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.1	30.1
87	13.6	10.6	15.8

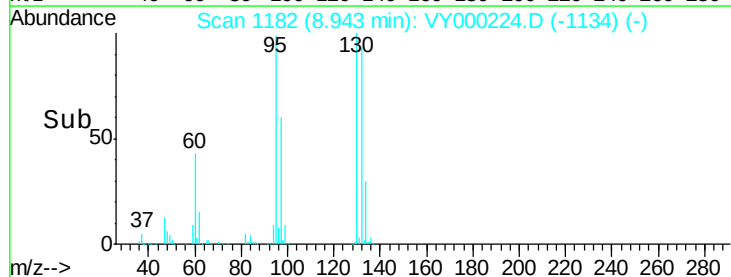
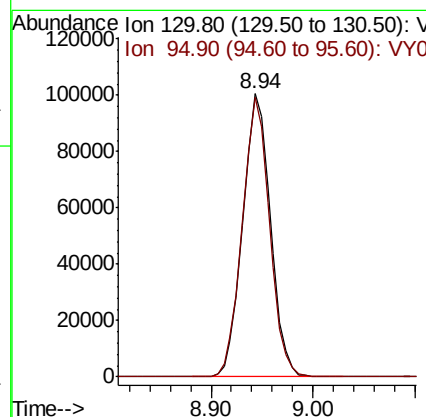
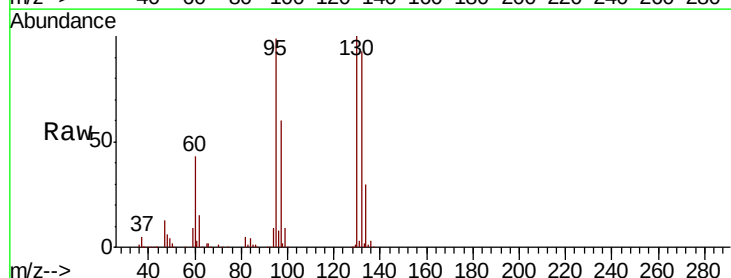
Manual Integrations
APPROVED

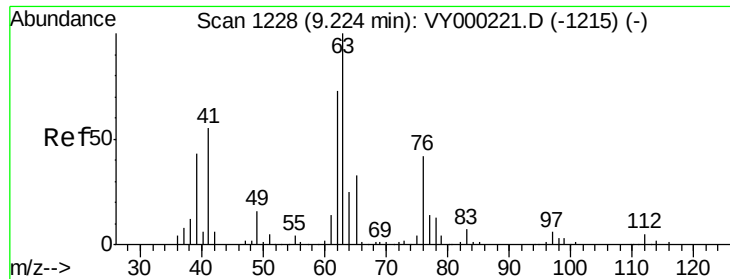
MMDadoda
10/10/2019 12:52:25 AM



#44
Trichloroethene
Concen: 45.249 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	189.0





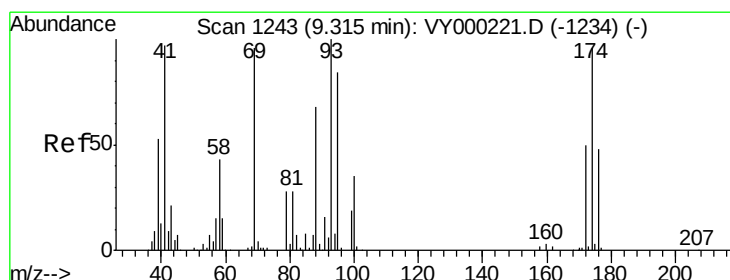
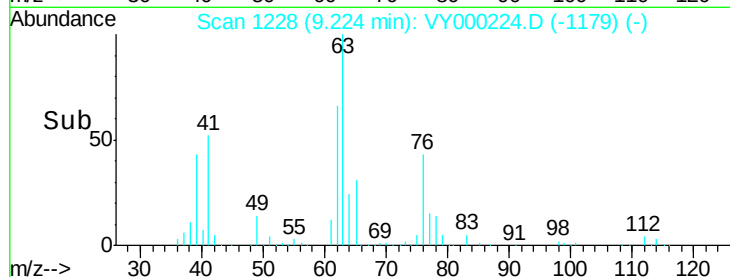
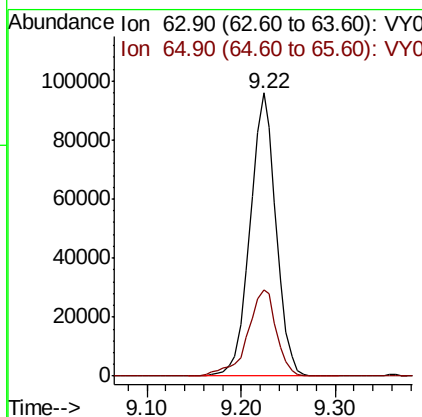
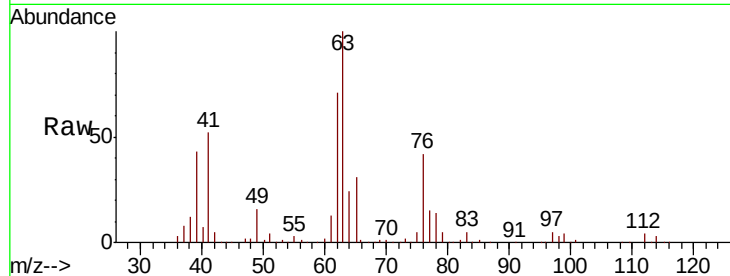
#45
 1,2-Dichloropropane
 Concen: 48.002 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	26.6	39.8

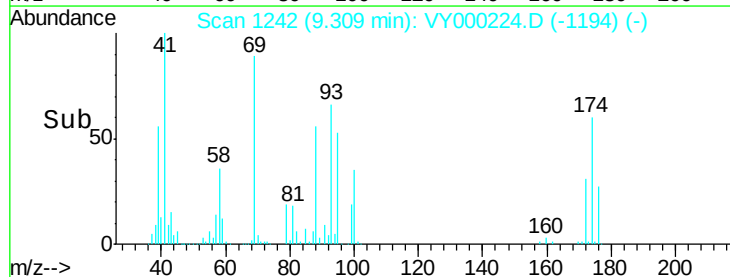
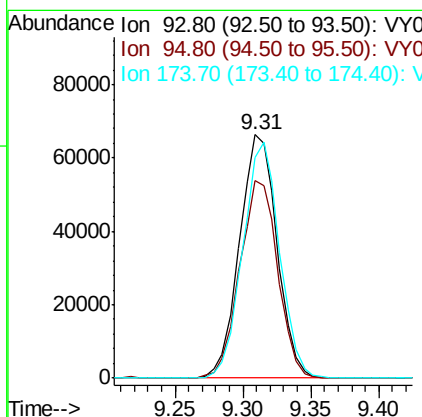
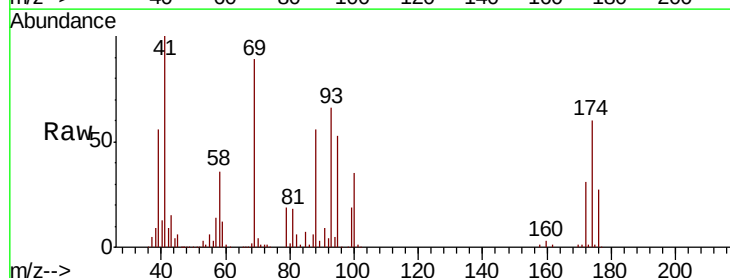
Manual Integrations
 APPROVED

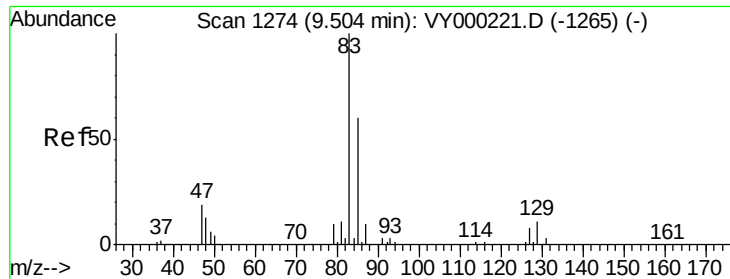
MMDadoda
 10/10/2019 12:52:25 AM



#46
 Dibromomethane
 Concen: 47.201 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.0	100.6
174	95.3	77.5	116.3





#47

Bromodichloromethane

Concen: 47.979 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

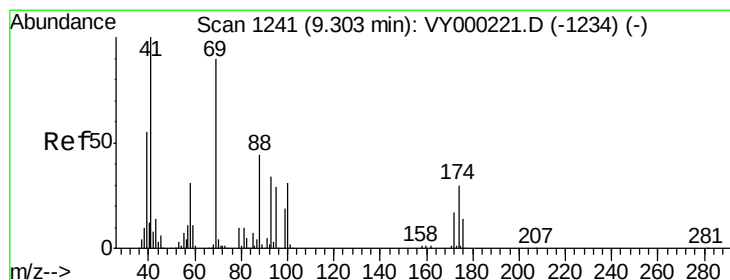
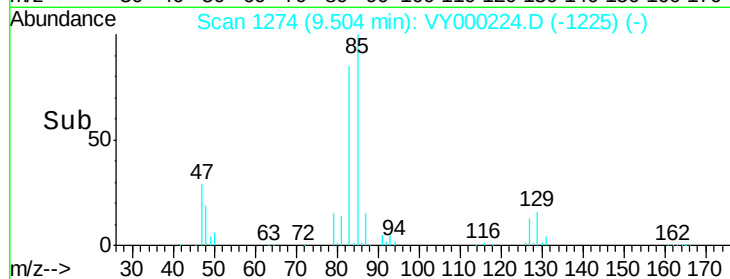
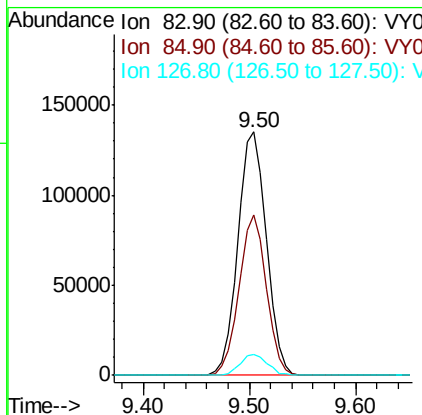
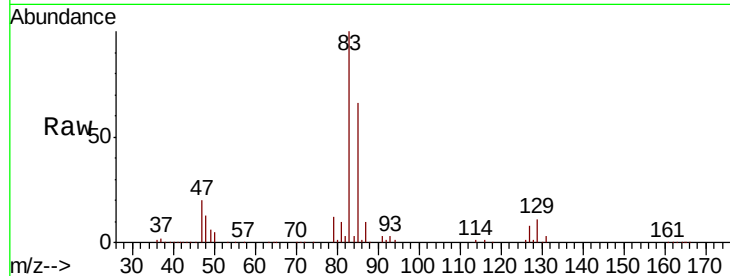
ClientSampleId :

ICVVY100819

Tot Ion:	83	Resp:	254053
Ion Ratio	Lower	Upper	
83	100		
85	66.0	48.0	72.0
127	8.4	6.5	9.7

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM



#48

Methyl methacrylate

Concen: 48.039 ug/l

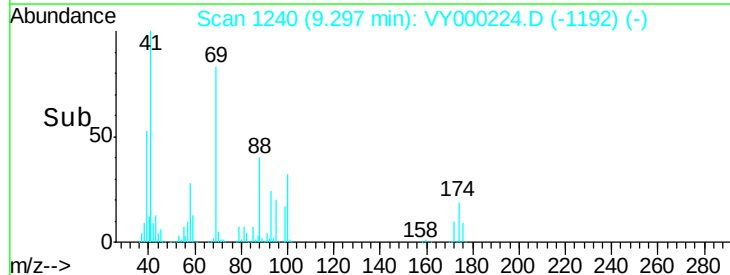
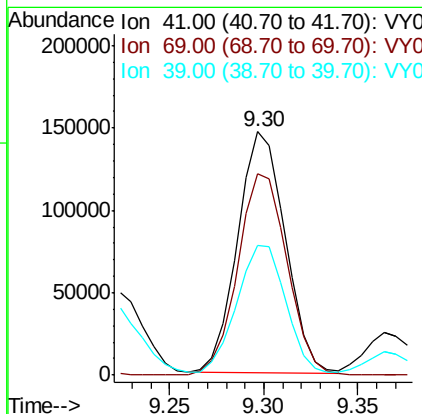
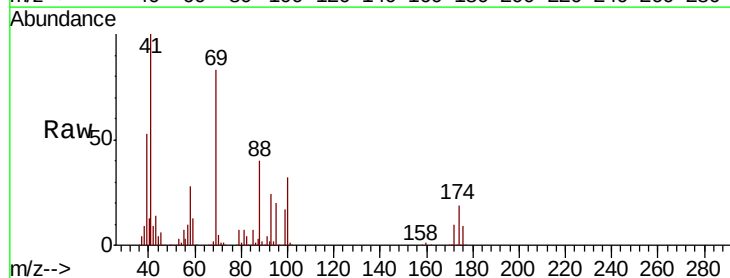
RT: 9.30 min Scan# 1240

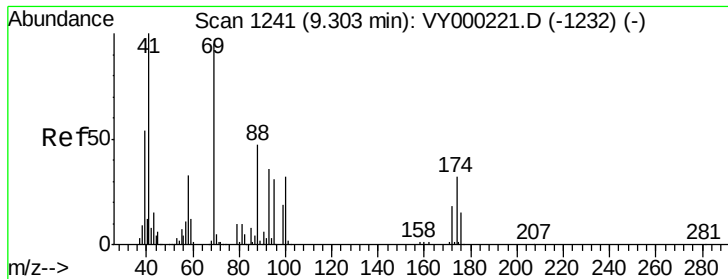
Delta R.T. -0.01 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Tgt Ion:	41	Resp:	256409
Ion Ratio	Lower	Upper	
41	100		
69	86.9	70.3	105.5
39	56.1	45.5	68.3





#49

1,4-Dioxane

Concen: 971.666 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

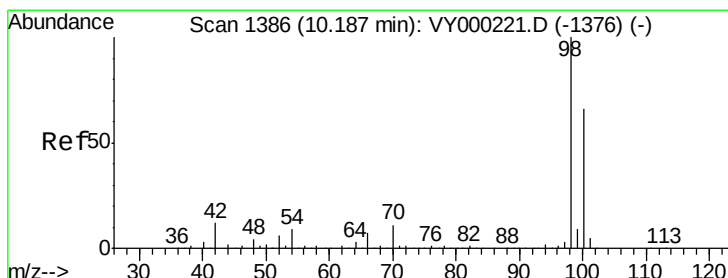
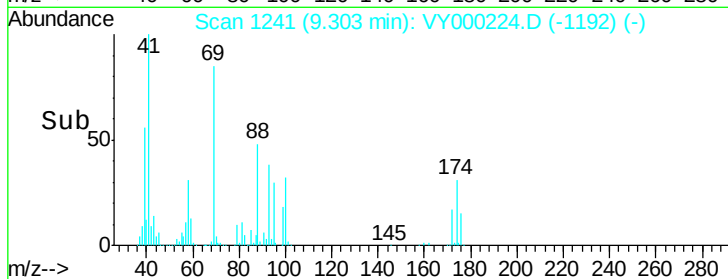
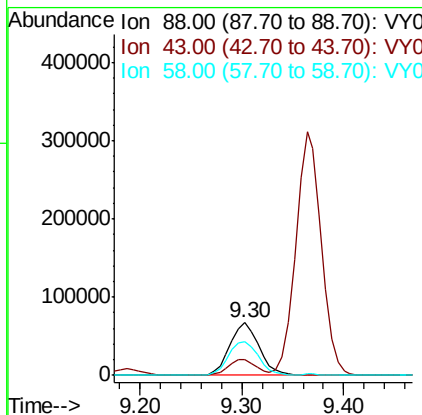
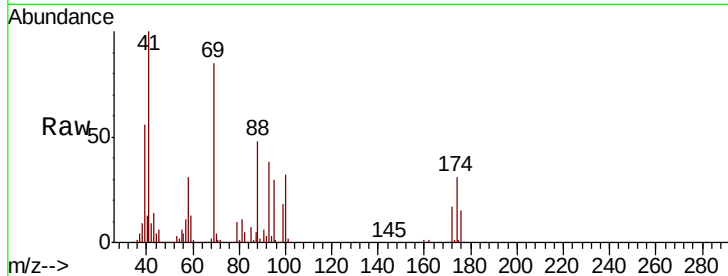
ClientSampleId :

ICVVY100819

Tot Ion:	88	Resp:	133135
Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.5	36.7
58	67.1	54.2	81.2

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM



#50

Toluene-d8

Concen: 52.677 ug/l

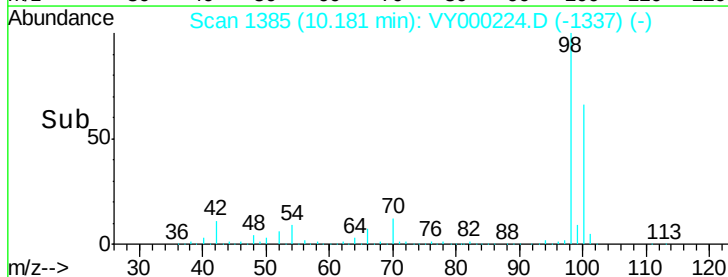
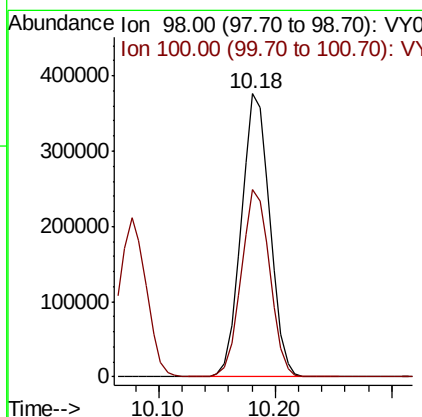
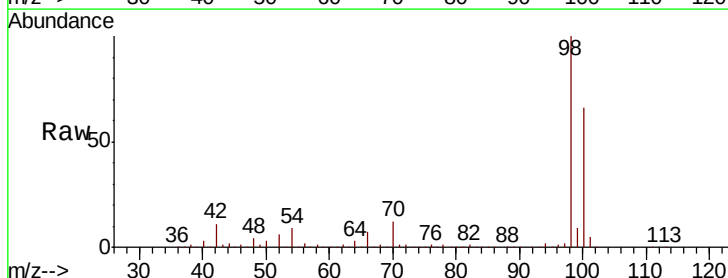
RT: 10.18 min Scan# 1385

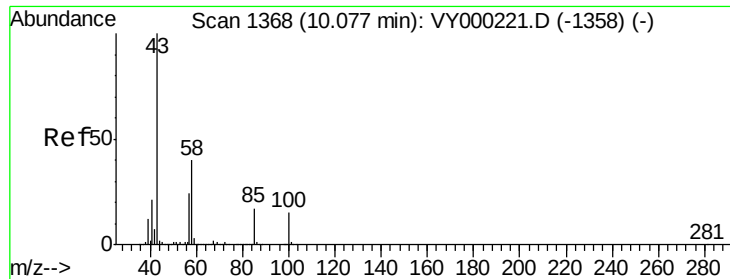
Delta R.T. -0.01 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Tgt Ion:	98	Resp:	643950
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6





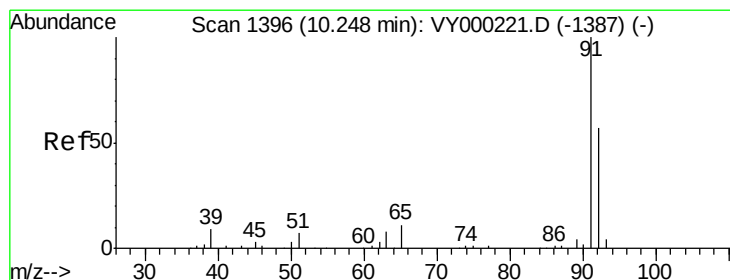
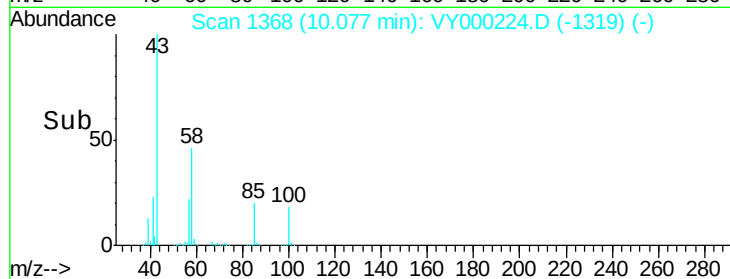
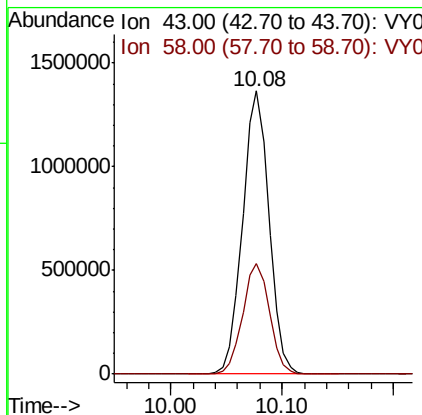
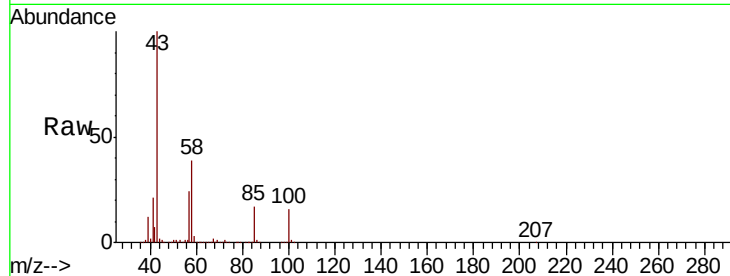
#51
4-Methyl-2-Pentanone
Concen: 253.267 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion: 43 Resp: 2250828
Ion Ratio Lower Upper
43 100
58 39.7 31.7 47.5

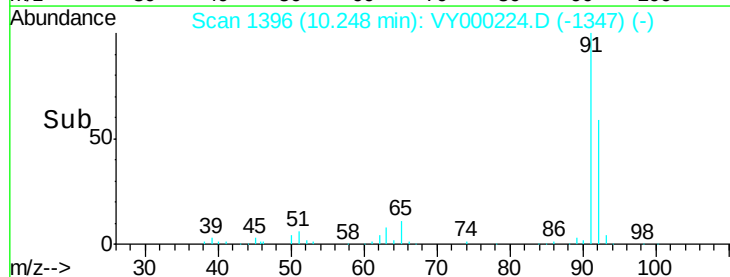
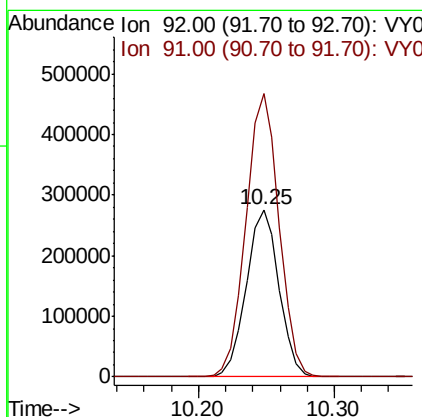
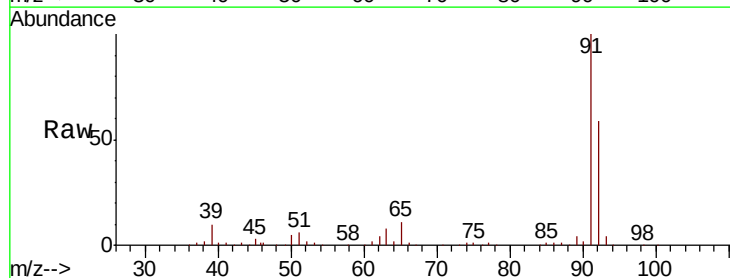
Manual Integrations
APPROVED

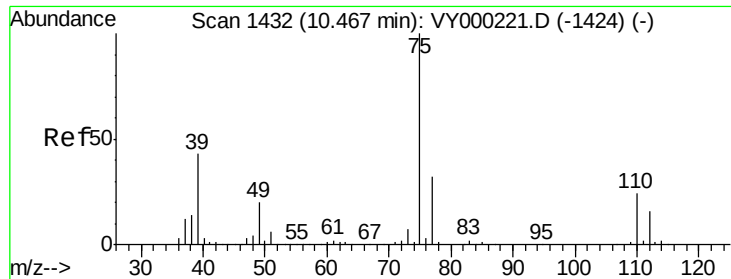
MMDadoda
10/10/2019 12:52:25 AM



#52
Toluene
Concen: 46.871 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion: 92 Resp: 463441
Ion Ratio Lower Upper
92 100
91 171.4 139.1 208.7





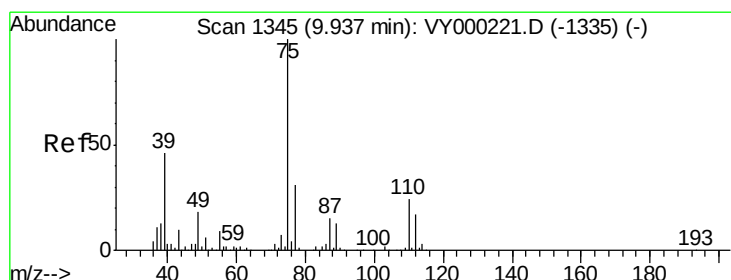
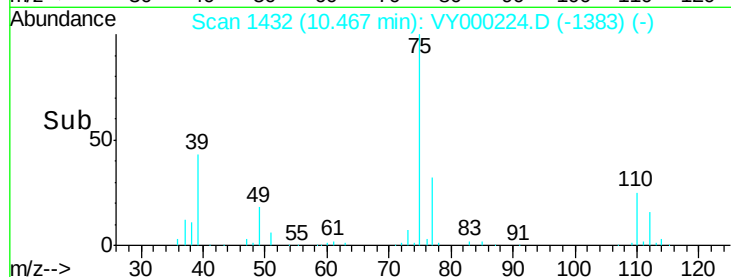
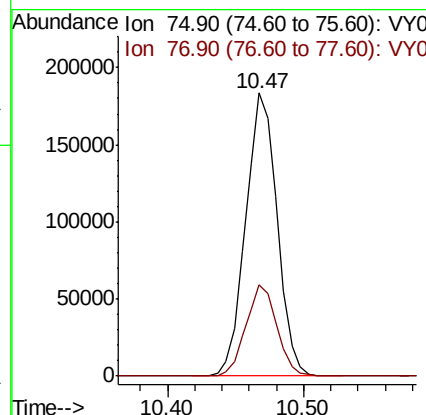
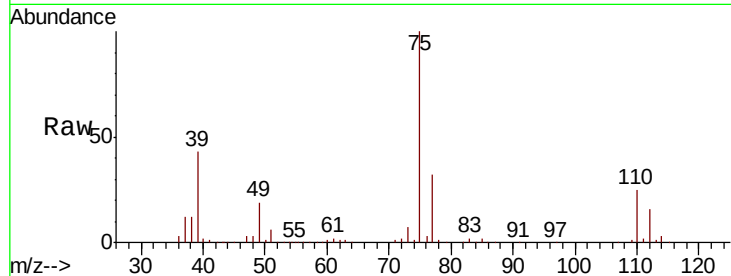
#53
t-1,3-Dichloropropene
Concen: 49.391 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.3	37.9

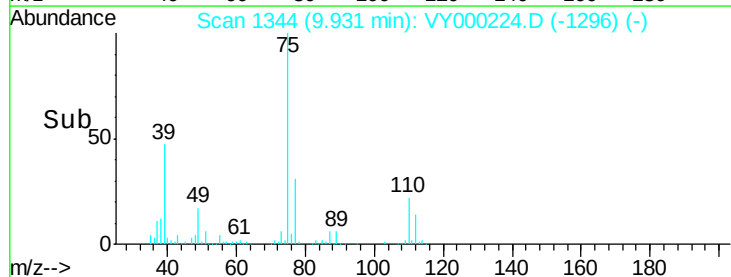
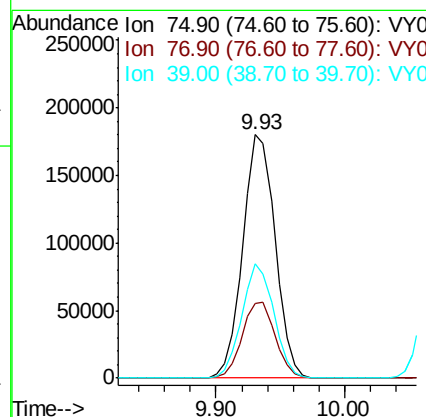
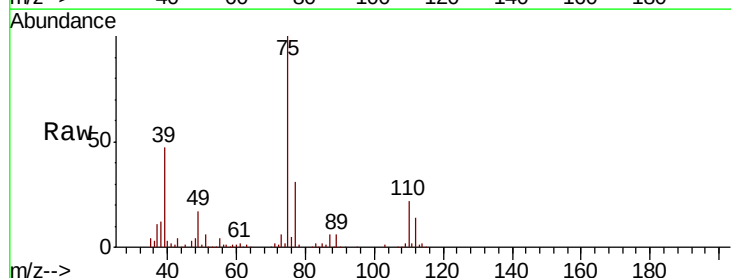
Manual Integrations
APPROVED

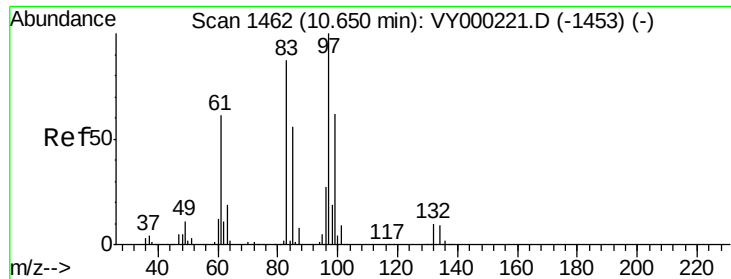
MMDadoda
10/10/2019 12:52:25 AM



#54
cis-1,3-Dichloropropene
Concen: 48.117 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.0	37.4
39	46.7	36.3	54.5





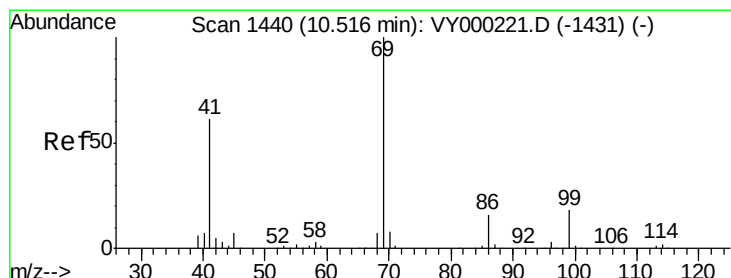
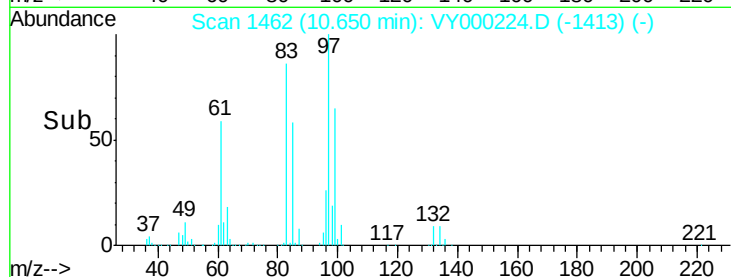
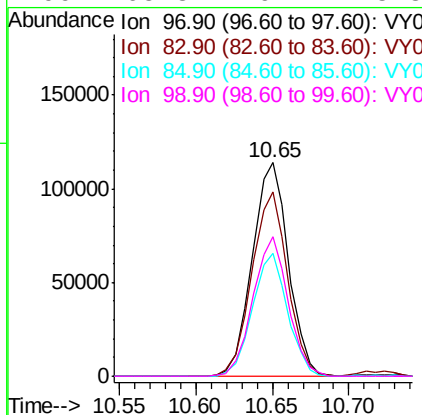
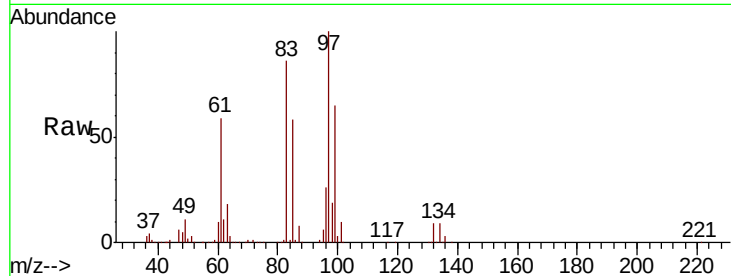
#55
 1,1,2-Trichloroethane
 Concen: 48.075 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.4	104.0
85	57.6	44.6	66.8
99	65.3	49.2	73.8

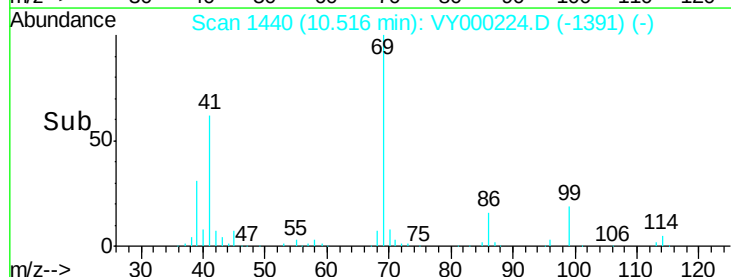
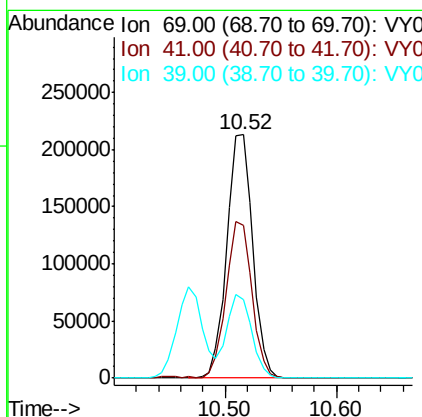
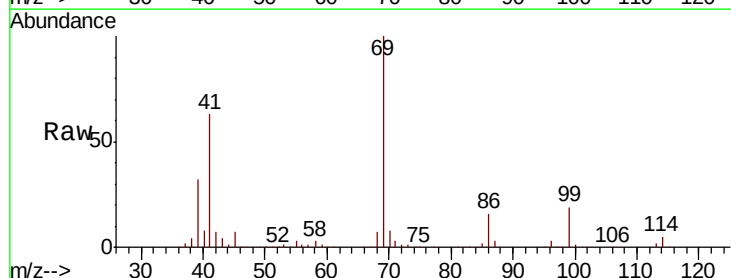
Manual Integrations
 APPROVED

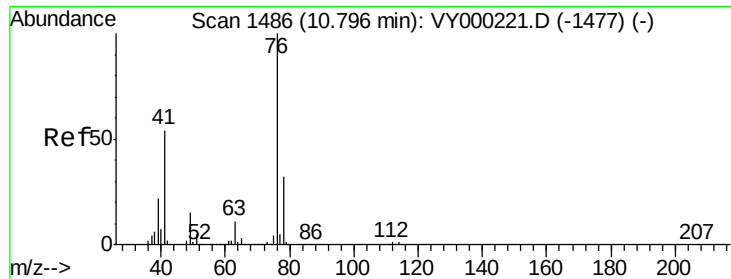
MMDadoda
 10/10/2019 12:52:25 AM



#56
 Ethyl methacrylate
 Concen: 49.862 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.2	76.8
39	32.8	27.0	40.4





#57

1,3-Dichloropropane

Concen: 48.142 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVYVY100819

Tot Ion: 76 Resp: 320474

Ion Ratio Lower Upper

76 100

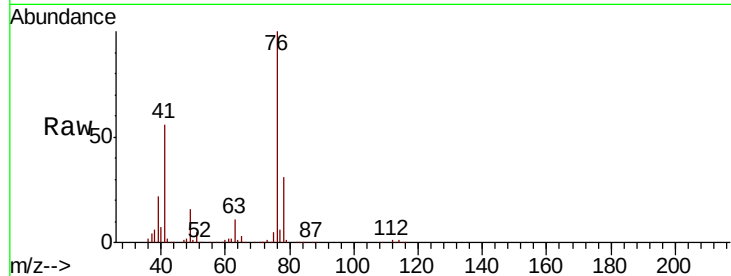
78 32.5 26.0 39.0

Manual Integrations

APPROVED

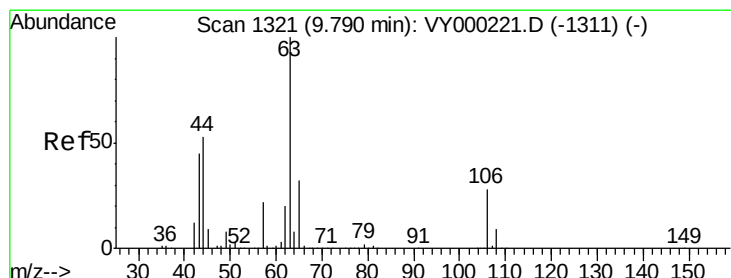
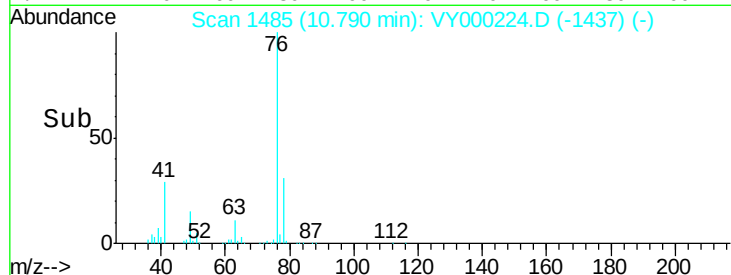
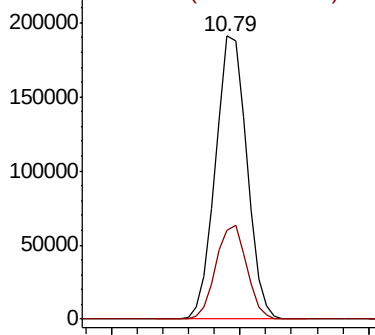
MMDadoda

10/10/2019 12:52:25 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 274.234 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000224.D

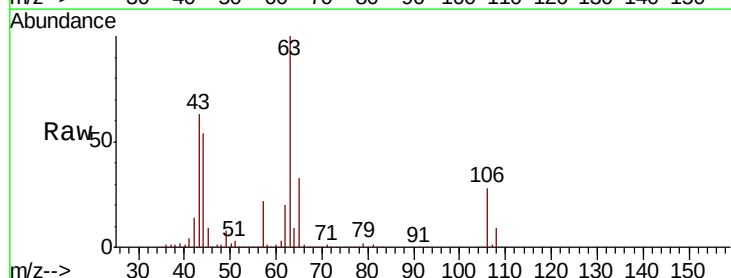
Acq: 08 Oct 2019 15:41

Tgt Ion: 63 Resp: 839025

Ion Ratio Lower Upper

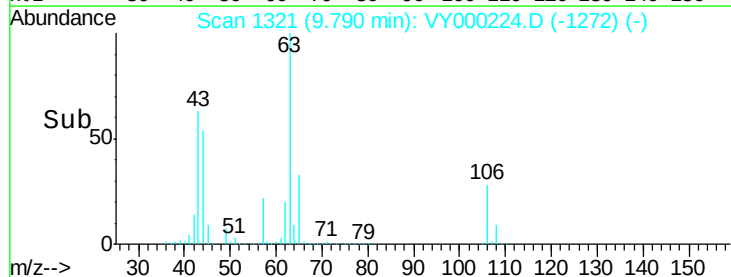
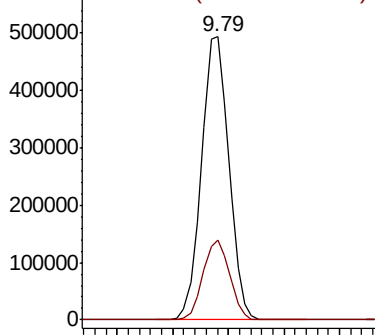
63 100

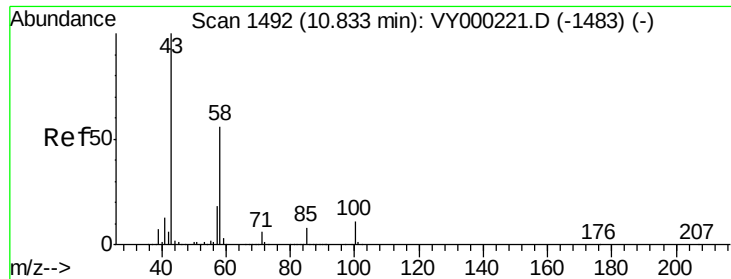
106 27.7 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





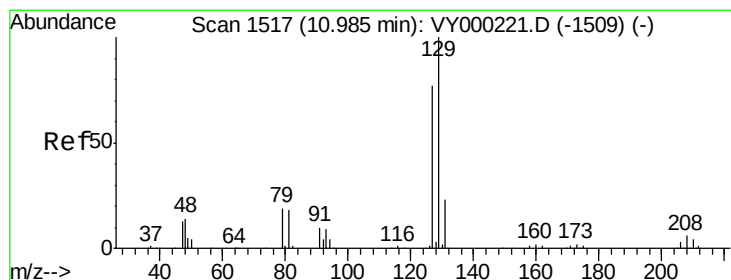
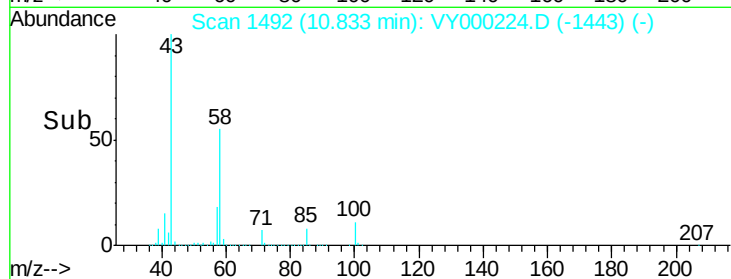
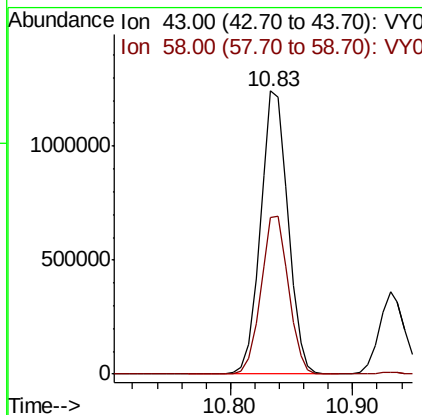
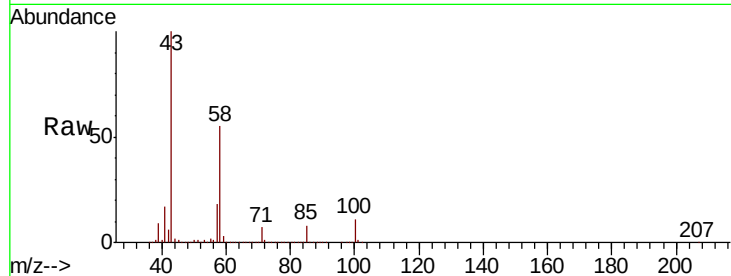
#59
2-Hexanone
Concen: 246.578 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100819

Tot Ion: 43 Resp: 1943115
Ion Ratio Lower Upper
43 100
58 56.1 28.2 84.6

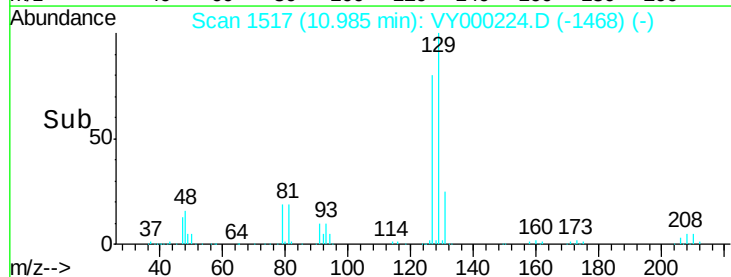
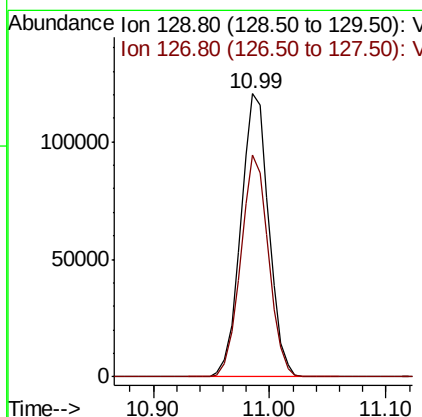
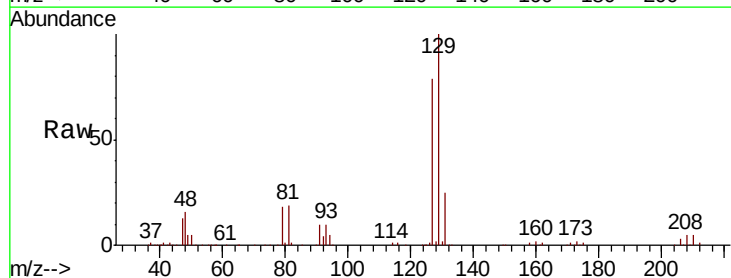
Manual Integrations
APPROVED

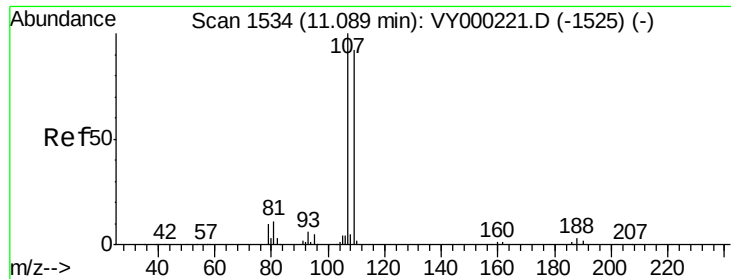
MMDadoda
10/10/2019 12:52:25 AM



#60
Dibromochloromethane
Concen: 48.952 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion: 129 Resp: 201791
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





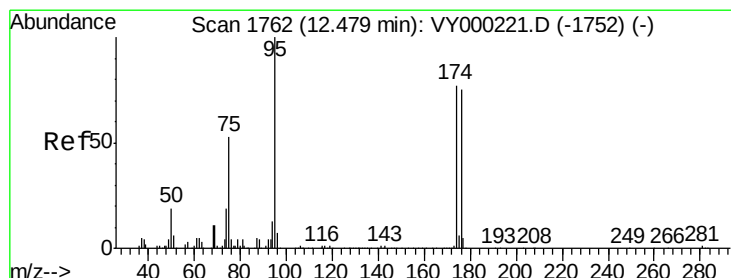
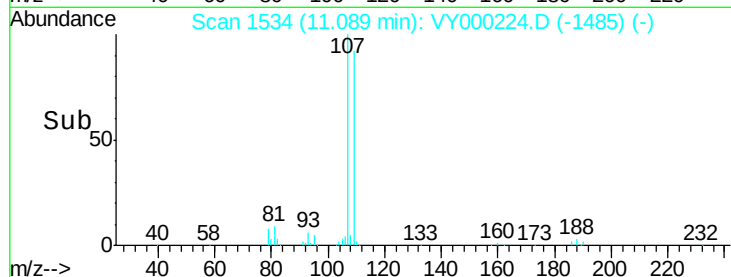
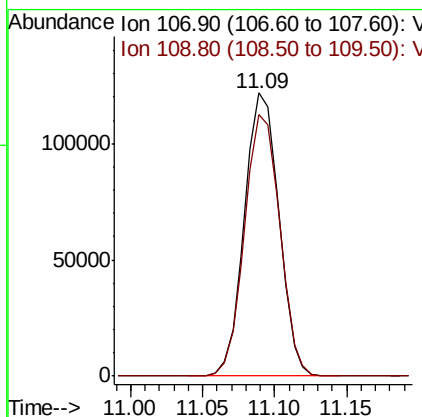
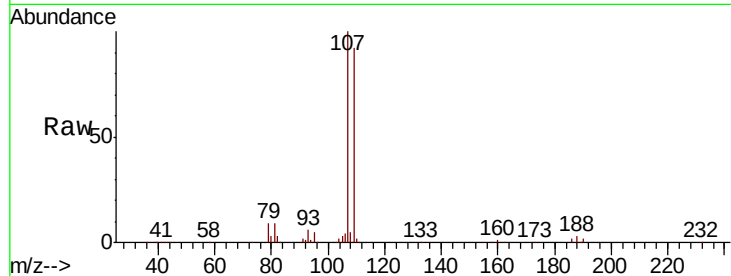
#61
 1,2-Dibromoethane
 Concen: 48.781 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6

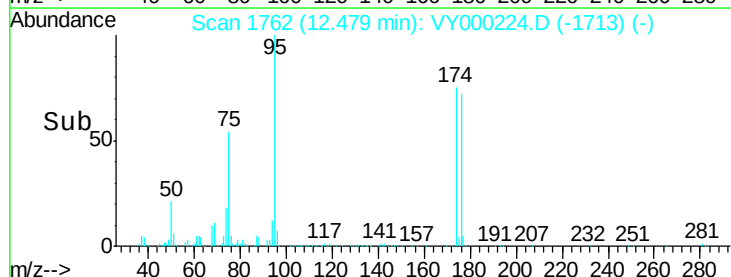
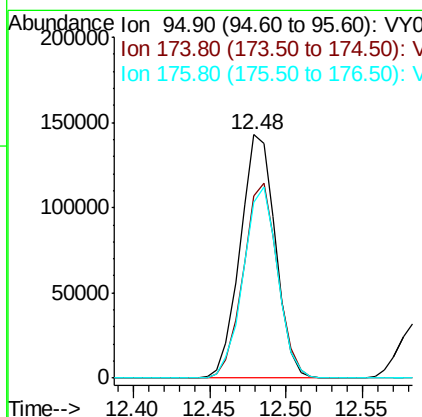
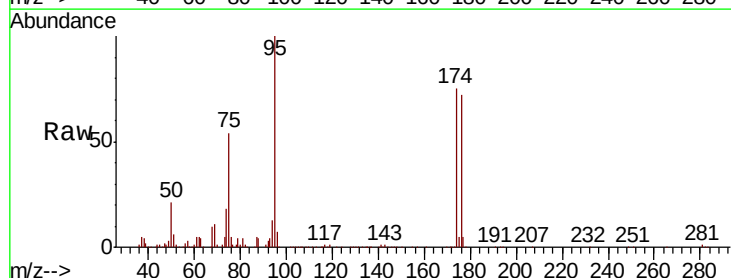
Manual Integrations
 APPROVED

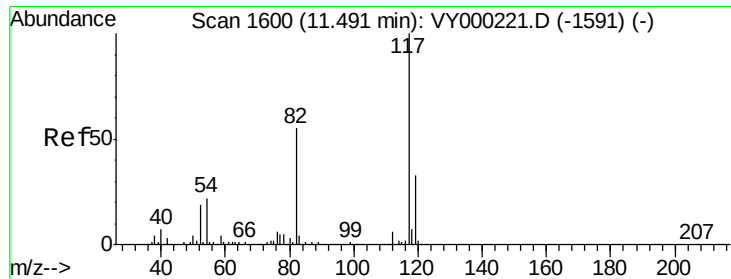
MMDadoda
 10/10/2019 12:52:25 AM



#62
 4-Bromofluorobenzene
 Concen: 52.796 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	157.0
176	76.8	0.0	153.0





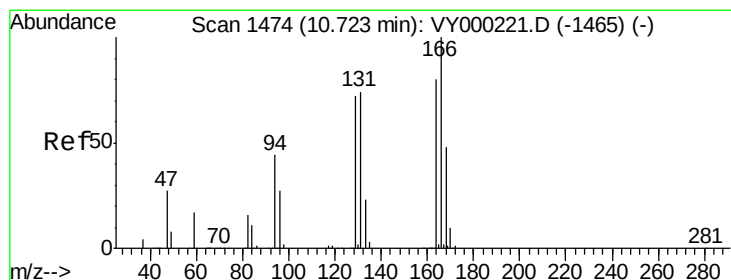
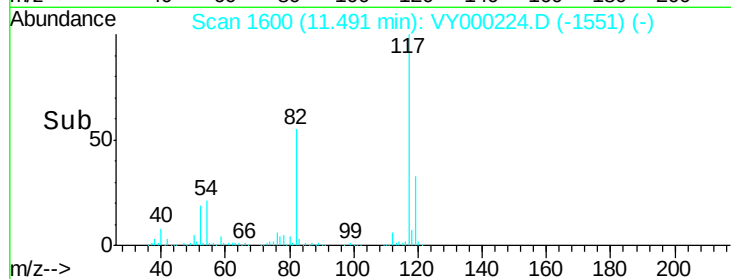
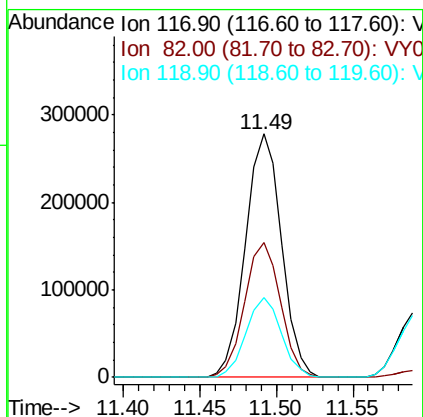
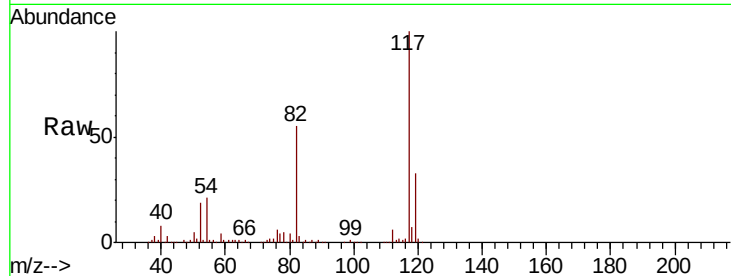
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	Ratio	Resp	Lower	Upper
117	100	455382		
82	55.2	44.4	66.6	
119	32.7	26.2	39.2	

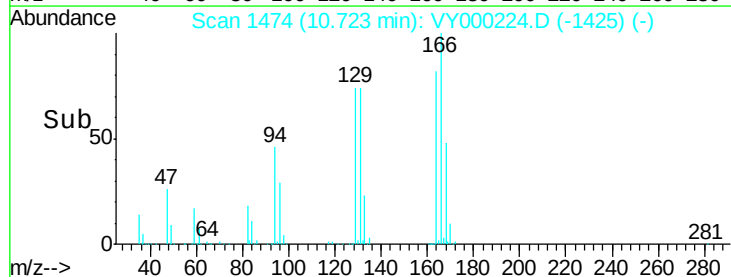
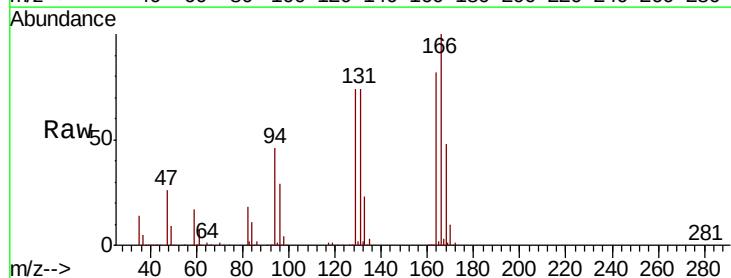
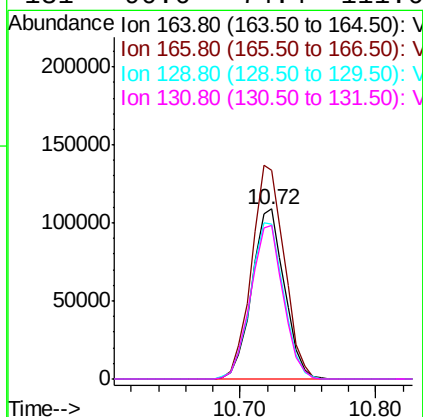
Manual Integrations
APPROVED

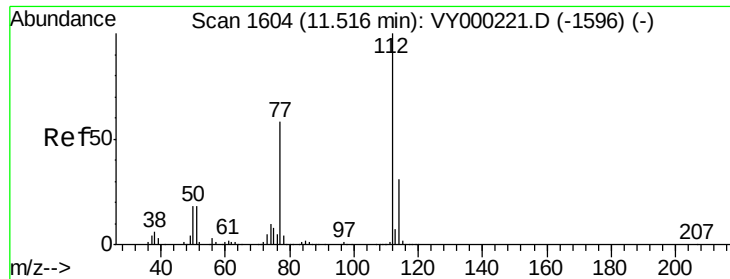
MMDadoda
10/10/2019 12:52:25 AM



#64
Tetrachloroethene
Concen: 43.983 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183075		
166	122.5	100.3	150.5	
129	91.1	72.4	108.6	
131	90.6	74.4	111.6	





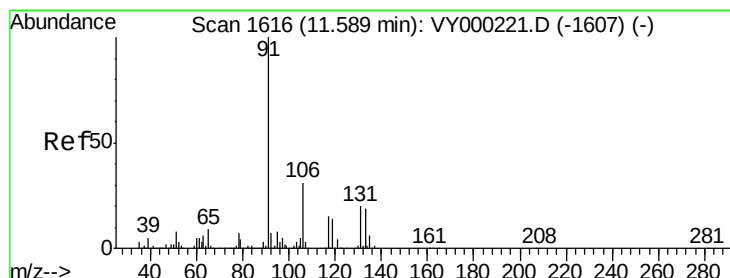
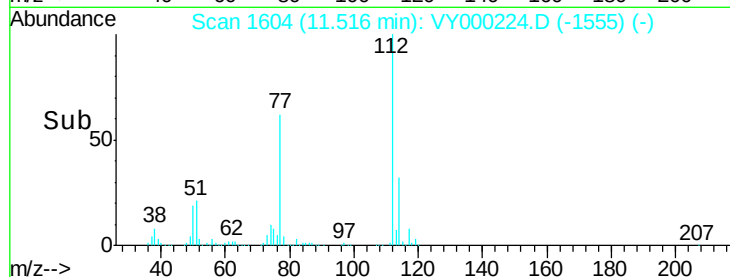
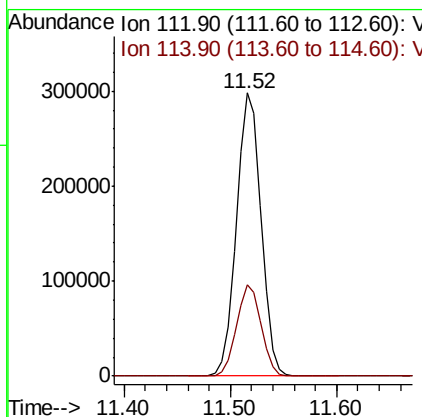
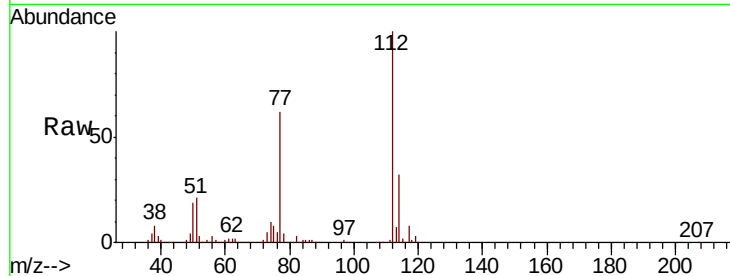
#65
Chlorobenzene
Concen: 45.785 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.0	37.4

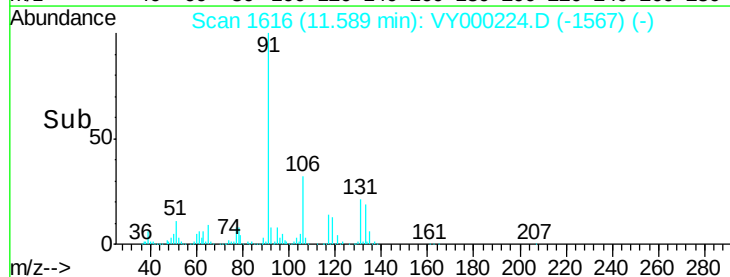
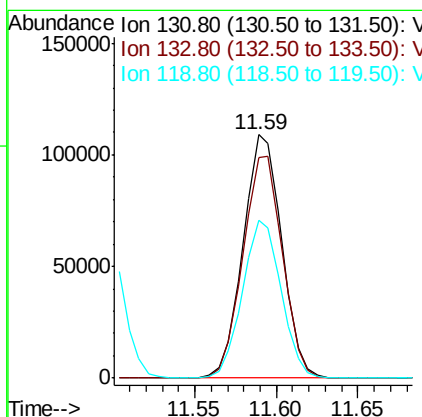
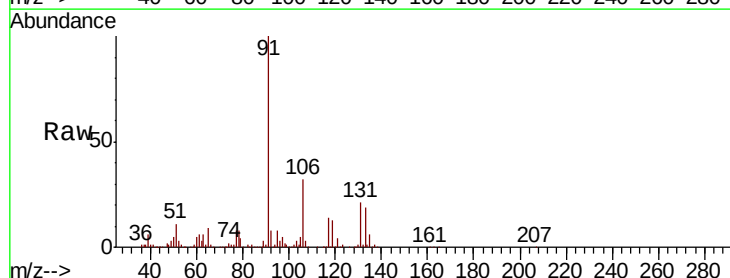
Manual Integrations
APPROVED

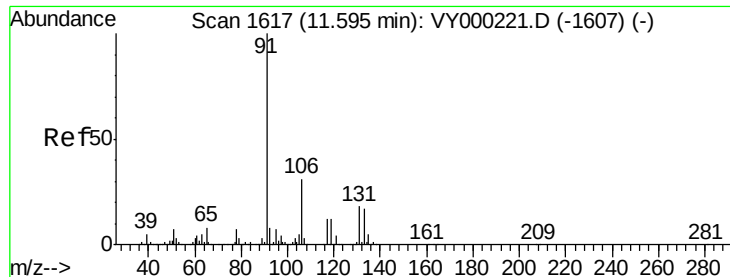
MMDadoda
10/10/2019 12:52:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.724 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.0	141.2
119	64.7	33.3	99.8





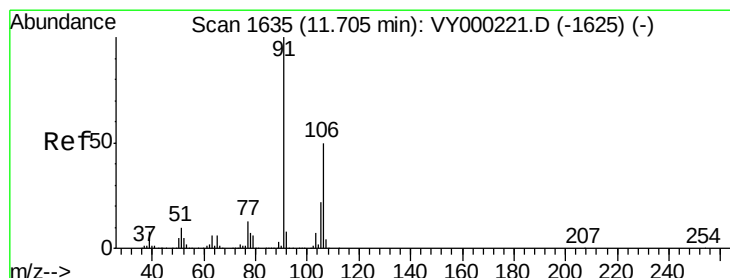
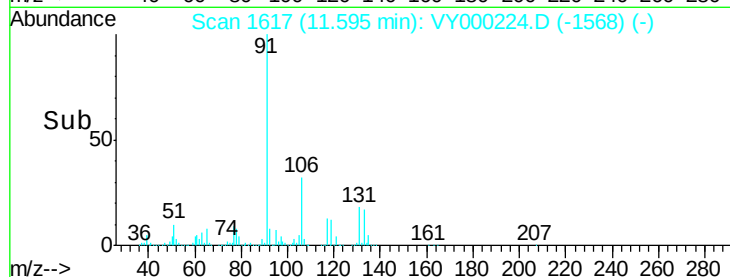
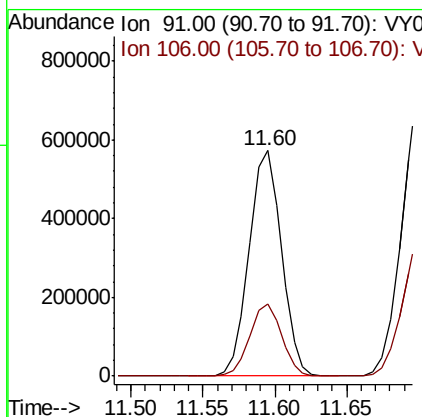
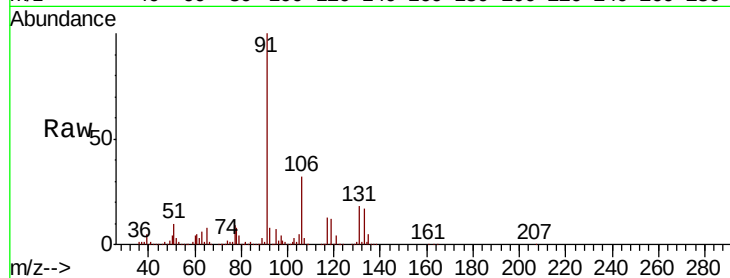
#67
Ethyl Benzene
Concen: 47.045 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100819

Tot Ion	91	Resp	887471
Ion Ratio	100	Lower	Upper
106	32.1	25.2	37.8

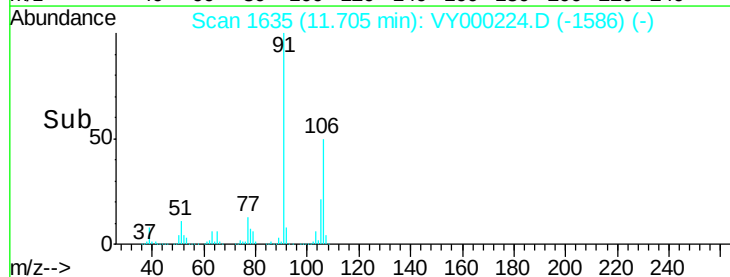
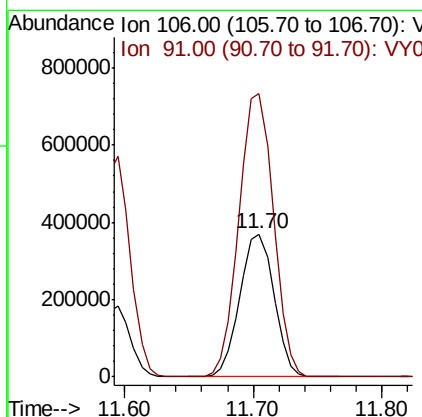
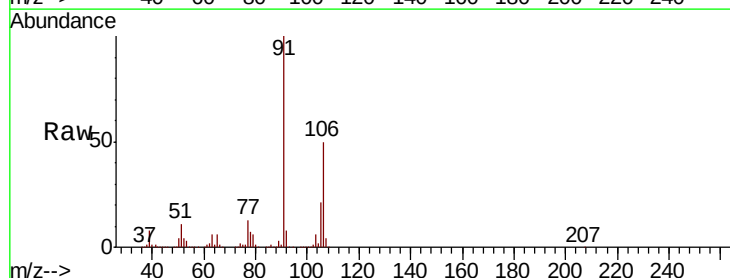
Manual Integrations
APPROVED

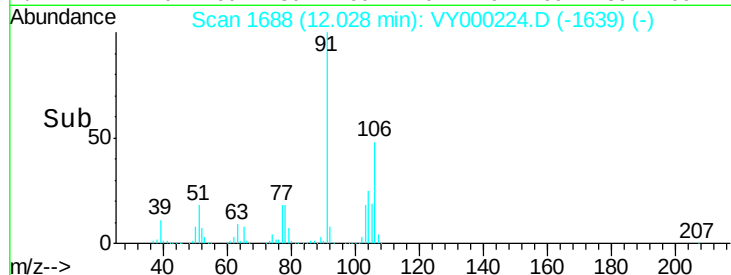
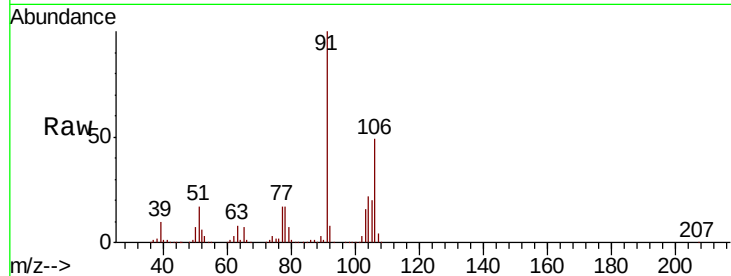
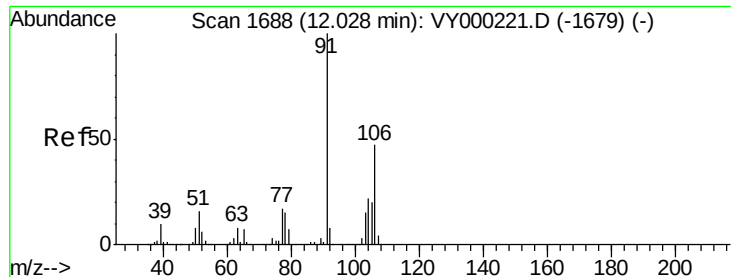
MMDadoda
10/10/2019 12:52:25 AM



#68
m/p-Xylenes
Concen: 94.550 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	106	Resp	680573
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	200.3	159.9	239.9





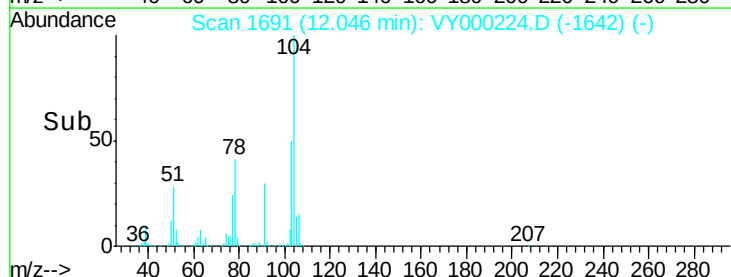
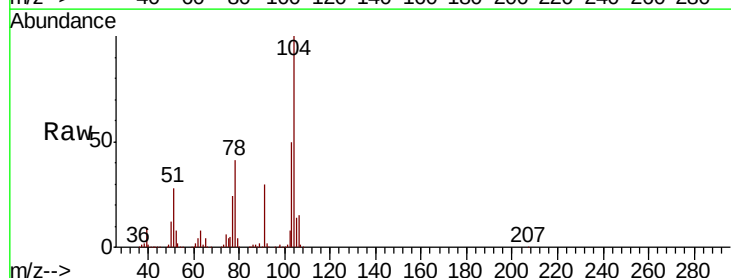
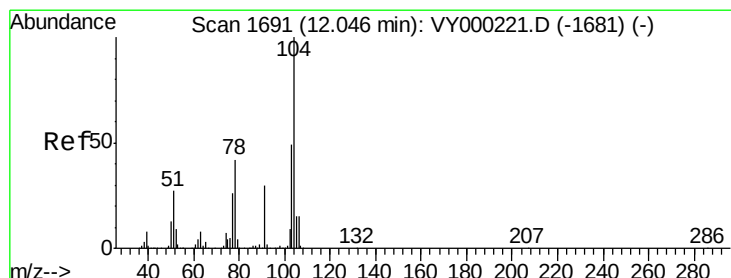
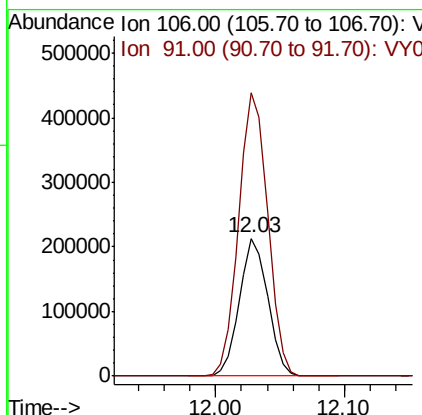
#69
o-Xylene
Concen: 46.900 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tot Ion:106 Resp: 325229
Ion Ratio Lower Upper
106 100
91 210.5 106.1 318.1

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100819

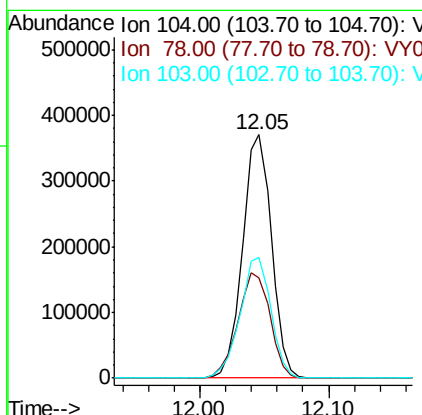
Manual Integrations
APPROVED

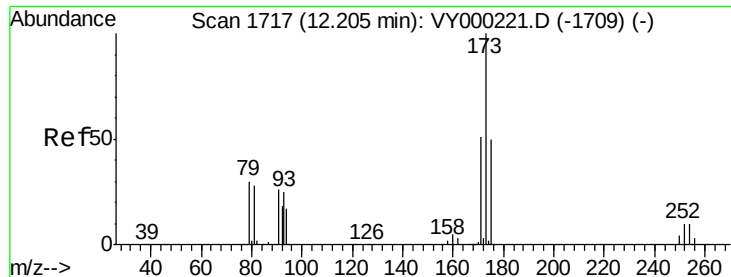
MMDadoda
10/10/2019 12:52:25 AM



#70
Styrene
Concen: 47.874 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion:104 Resp: 571835
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 53.3 43.1 64.7





#71

Bromoform

Concen: 48.831 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

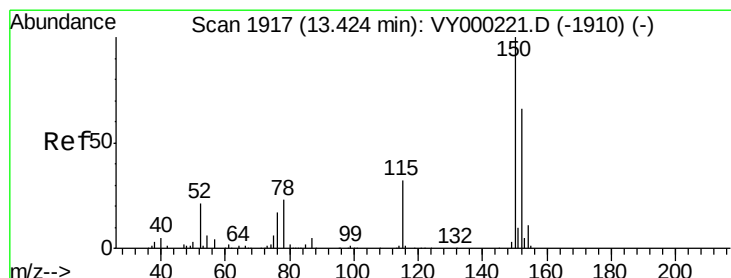
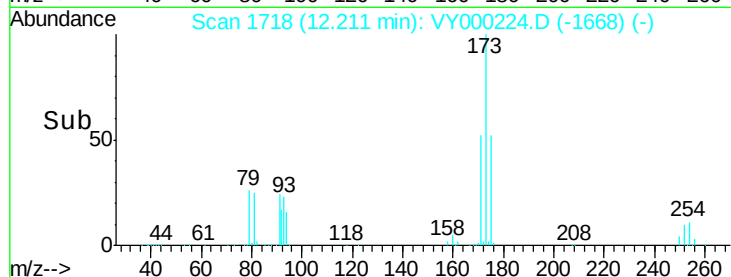
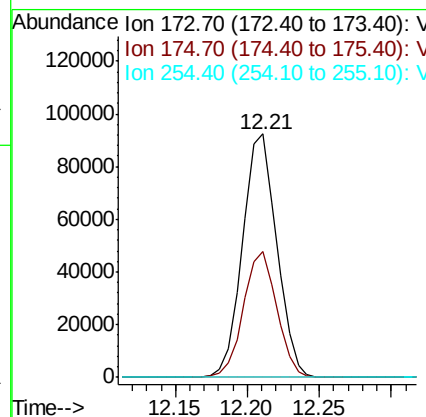
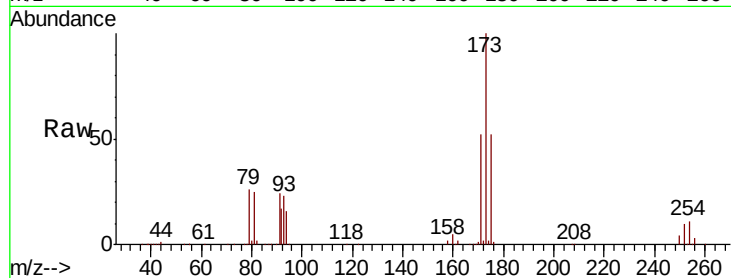
ClientSampleId :

ICVVY100819

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.8	74.3
254	0.1	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

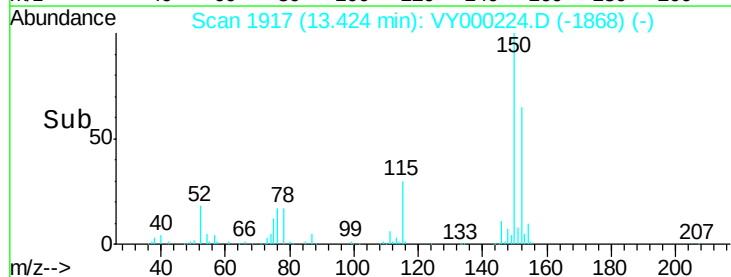
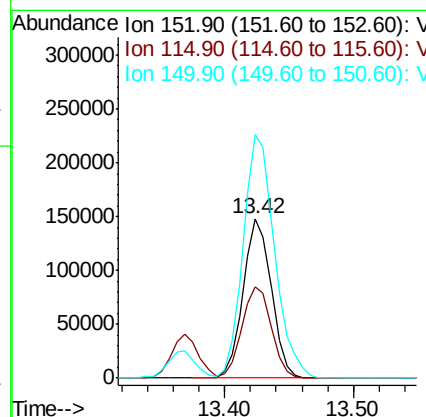
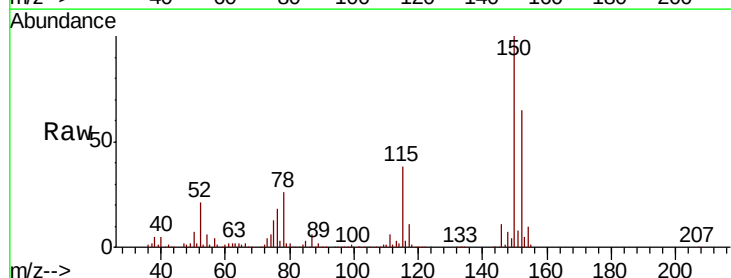
RT: 13.42 min Scan# 1917

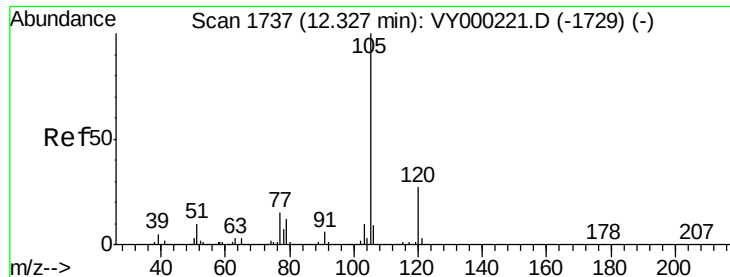
Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	88.0
150	170.0	0.0	349.6





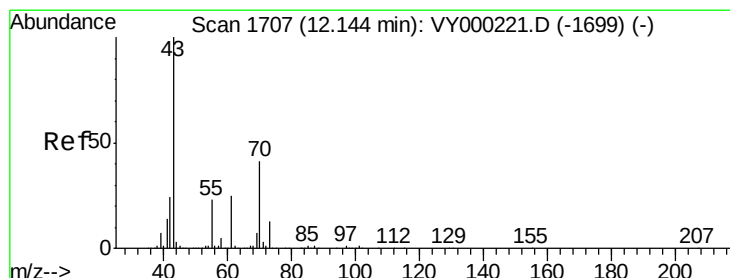
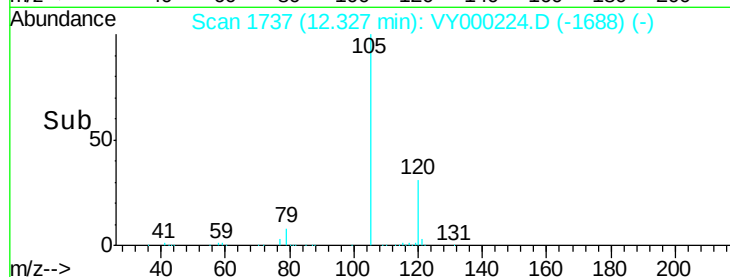
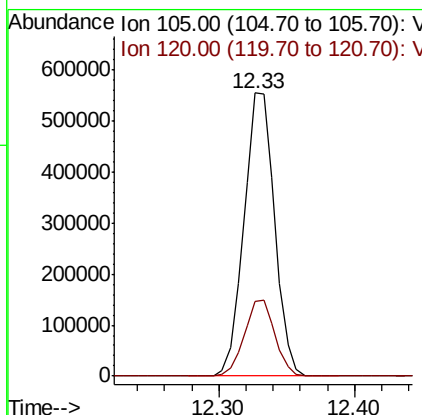
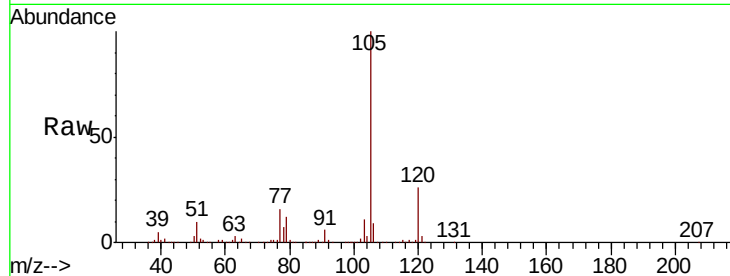
#73
Isopropylbenzene
Concen: 46.162 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100819

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.6	40.8

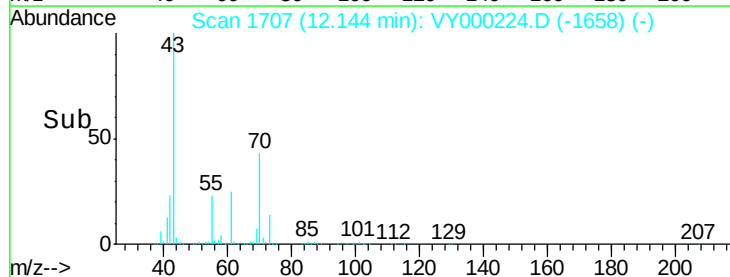
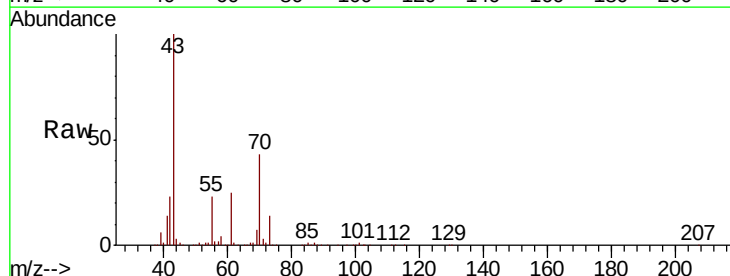
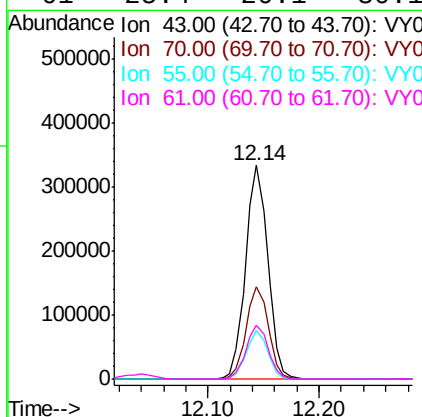
Manual Integrations
APPROVED

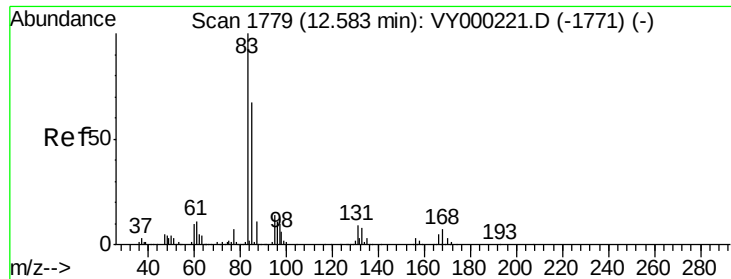
MMDadoda
10/10/2019 12:52:25 AM



#74
N-ethyl acetate
Concen: 46.323 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.4	34.9	52.3
55	22.1	18.2	27.2
61	25.4	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.841 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY100819

Tot Ion: 83 Resp: 302785

Ion Ratio Lower Upper

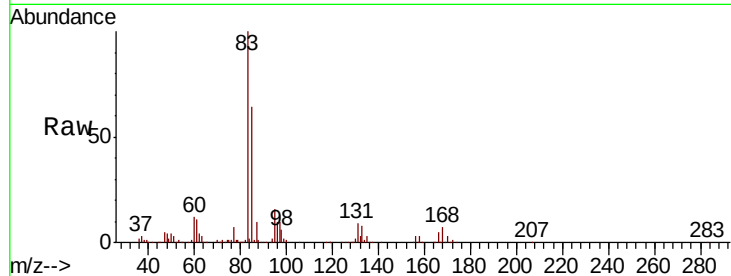
83 100

131 9.5 4.8 14.3

85 64.6 32.5 97.5

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

250000

200000

150000

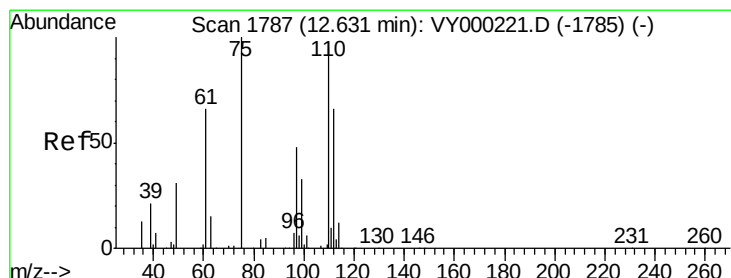
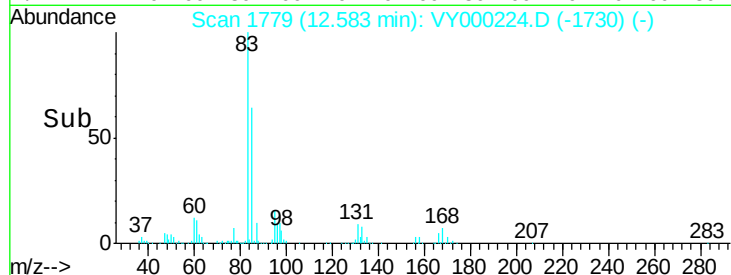
100000

50000

0

12.50 12.55 12.60

Time-->



#76

1,2,3-Trichloropropane

Concen: 46.766 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000224.D

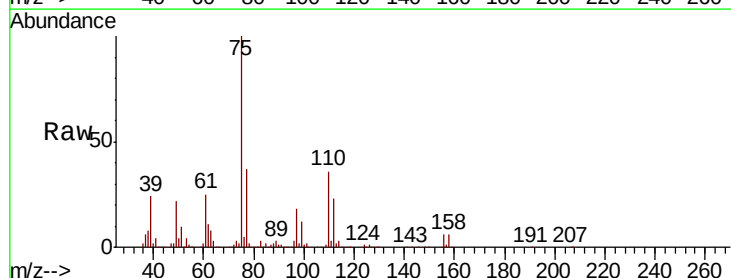
Acq: 08 Oct 2019 15:41

Tgt Ion: 75 Resp: 275985

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

250000

200000

150000

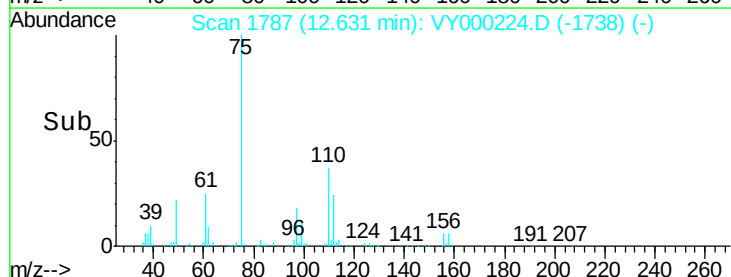
100000

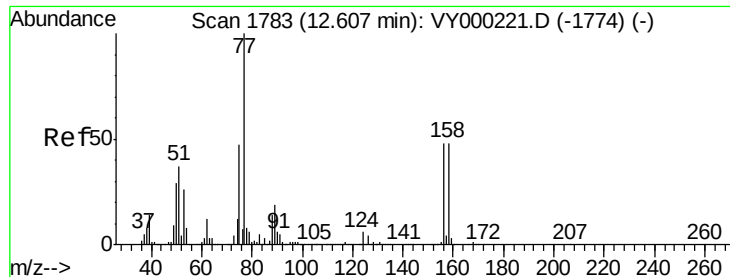
50000

0

12.60 12.65

Time-->





#77

Bromobenzene

Concen: 44.680 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100819

Tot Ion:156 Resp: 198453

Ion Ratio Lower Upper

156 100

77 237.0 118.1 354.3

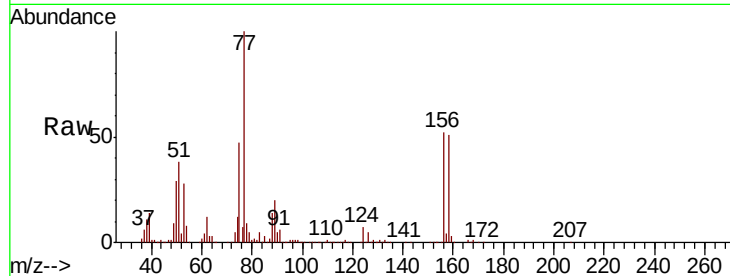
158 96.8 47.8 143.3

Manual Integrations

APPROVED

MMDadoda

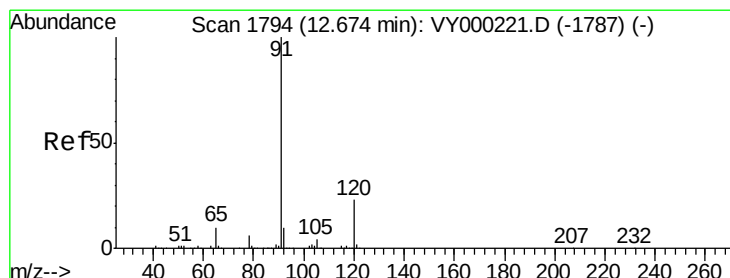
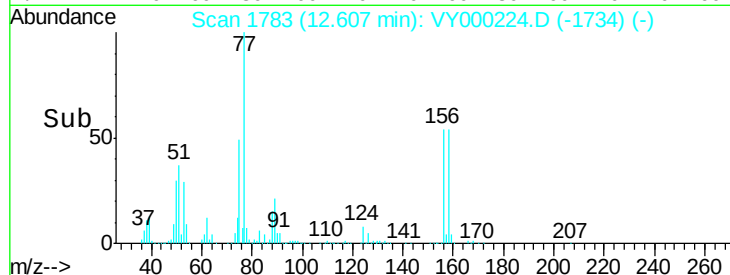
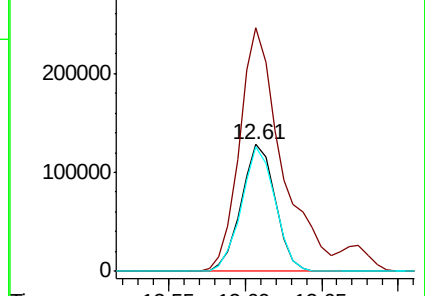
10/10/2019 12:52:25 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.655 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000224.D

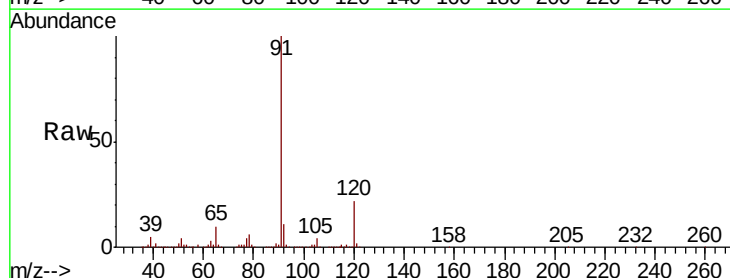
Acq: 08 Oct 2019 15:41

Tgt Ion: 91 Resp: 1032181

Ion Ratio Lower Upper

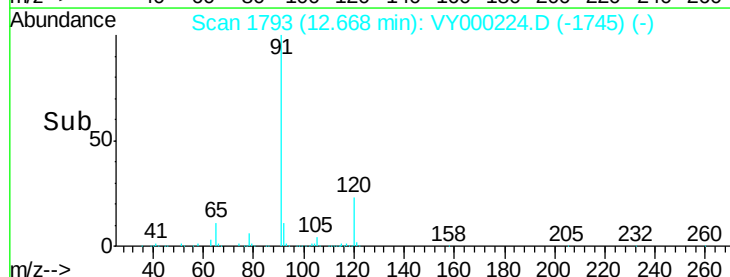
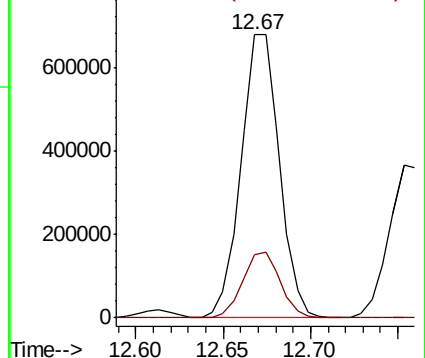
91 100

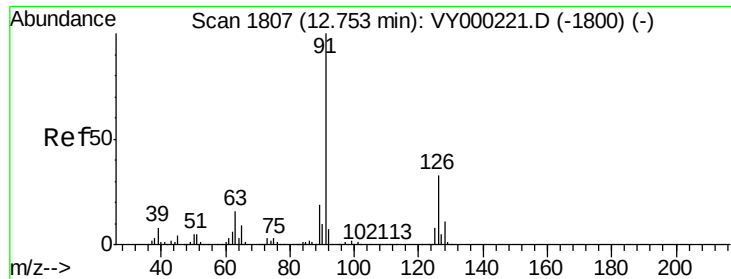
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





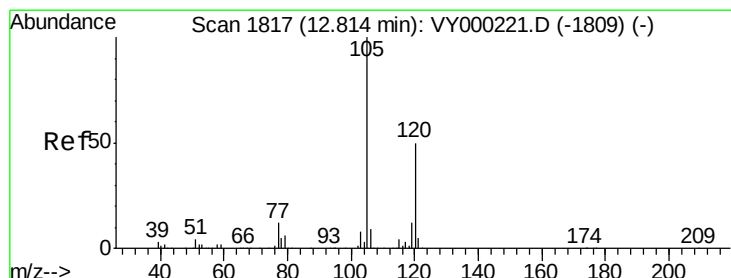
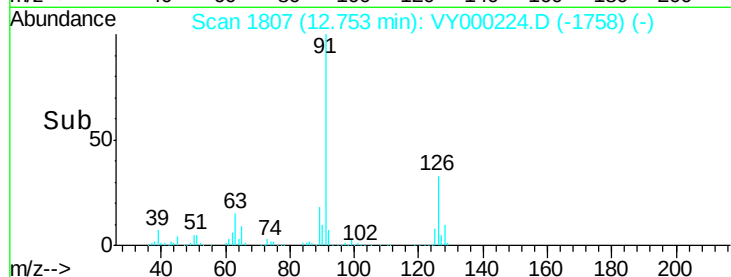
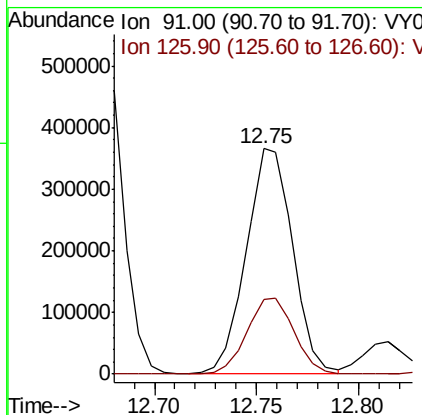
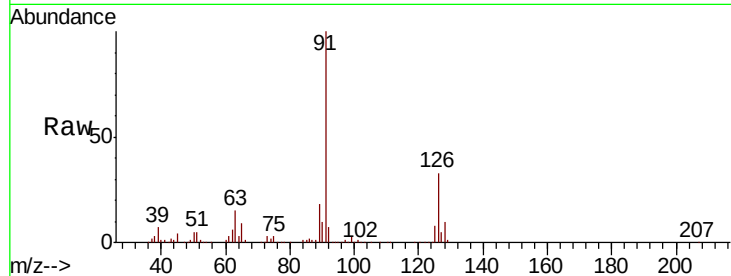
#79
2-Chlorotoluene
Concen: 45.653 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion: 91 Resp: 581515
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6

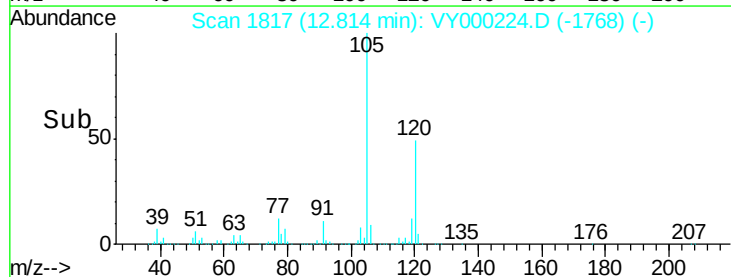
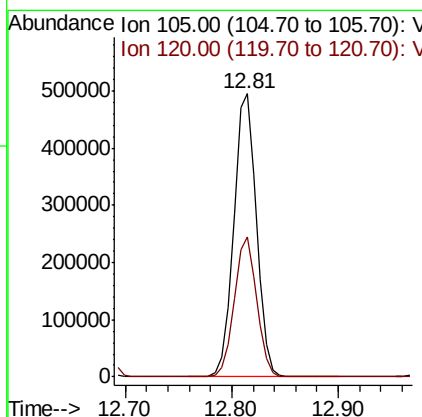
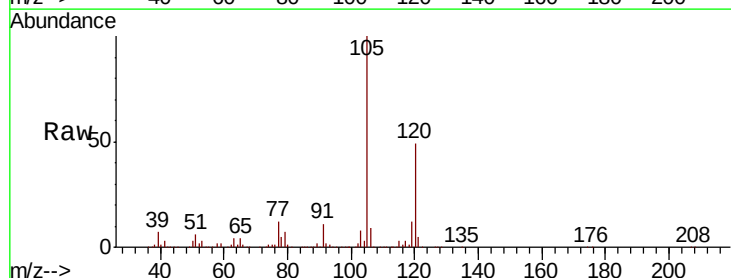
Manual Integrations
APPROVED

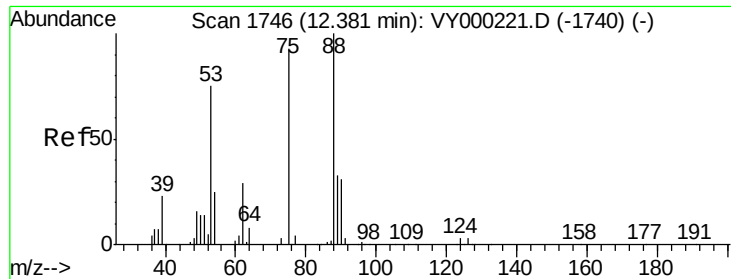
MMDadoda
10/10/2019 12:52:25 AM



#80
1,3,5-Trimethylbenzene
Concen: 46.684 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion: 105 Resp: 737818
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.441 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

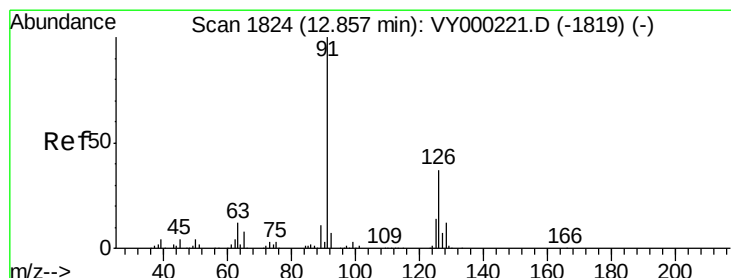
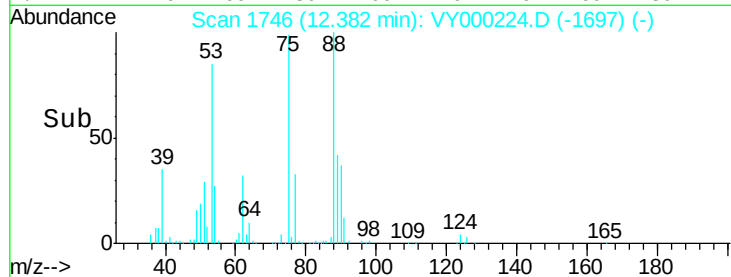
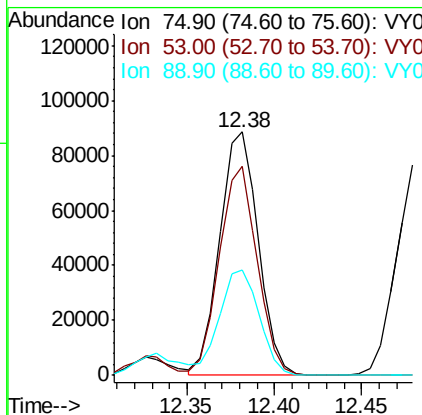
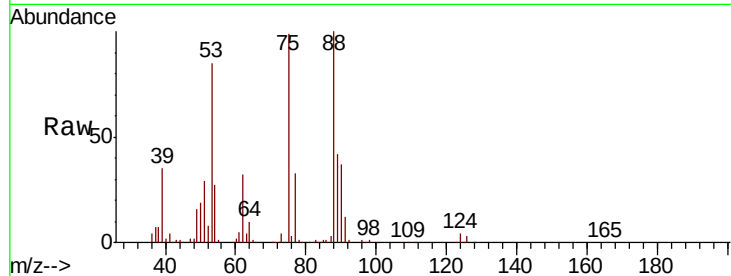
ClientSampleId :

ICVY100819

Tot Ion:	75	Resp:	134849
Ion	Ratio	Lower	Upper
75	100		
53	85.0	66.5	99.7
89	45.2	46.9	70.3#

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM



#82

4-Chlorotoluene

Concen: 47.014 ug/l

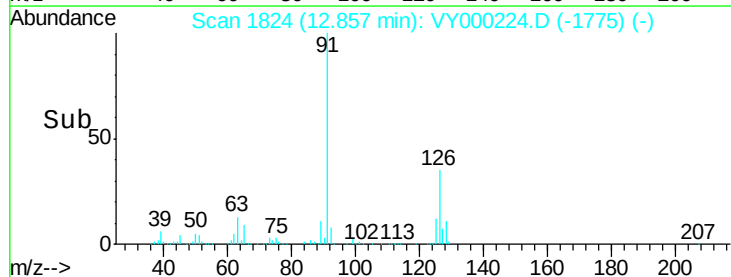
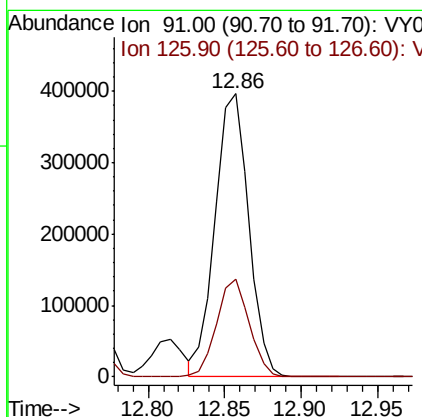
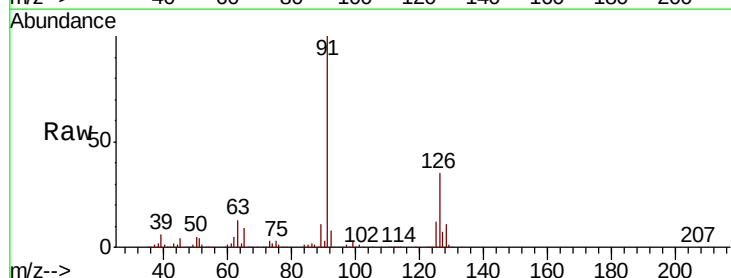
RT: 12.86 min Scan# 1824

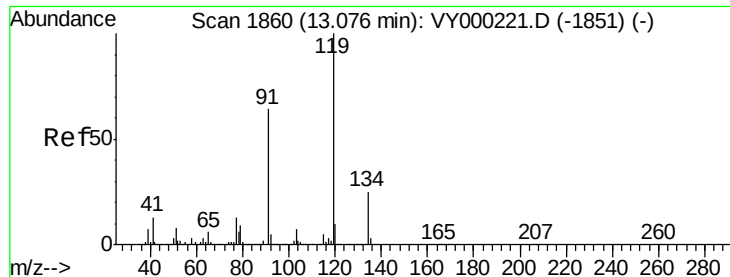
Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Tgt Ion:	91	Resp:	606550
Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.3	52.0





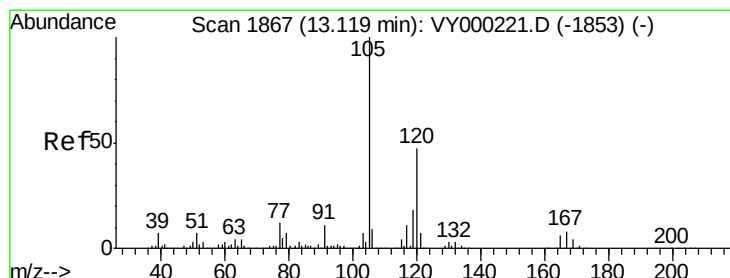
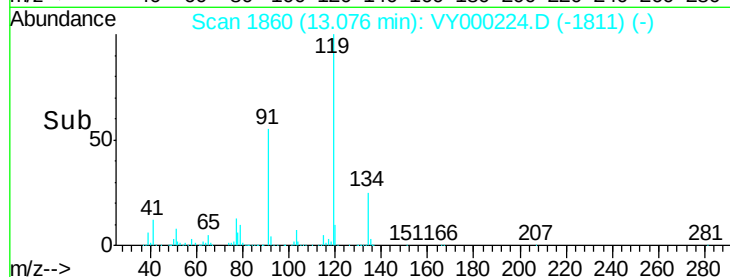
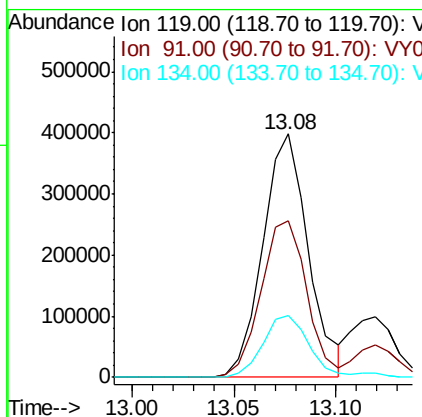
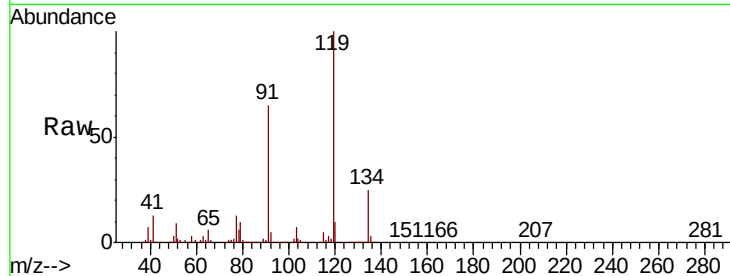
#83
 tert-Butylbenzene
 Concen: 45.049 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.4	97.2
134	26.8	13.2	39.6

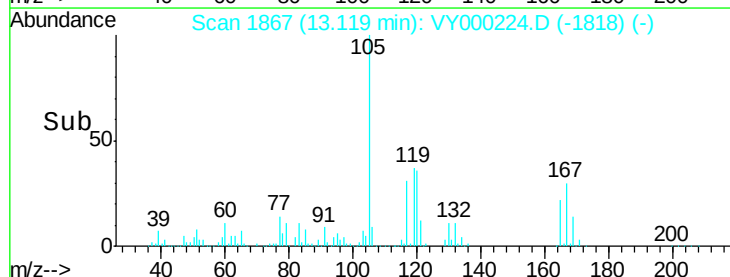
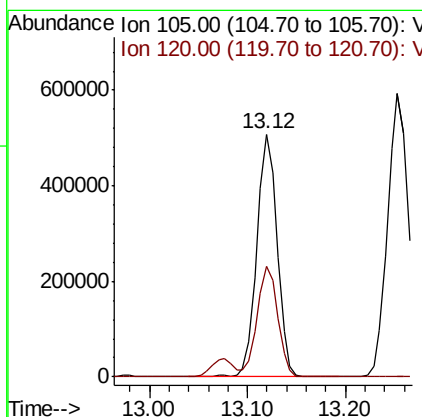
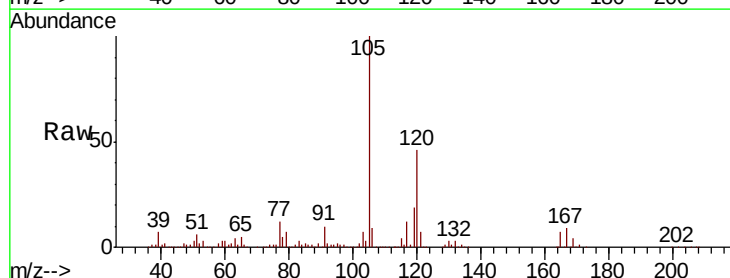
Manual Integrations
 APPROVED

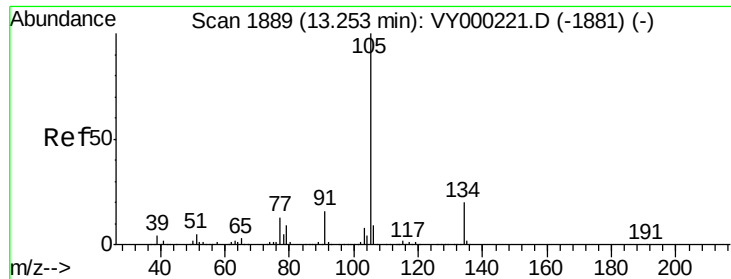
MMDadoda
 10/10/2019 12:52:25 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 46.660 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.8	68.3





#85

sec-Butylbenzene

Concen: 46.035 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY100819

Tot Ion:105 Resp: 871636

Ion Ratio Lower Upper

105 100

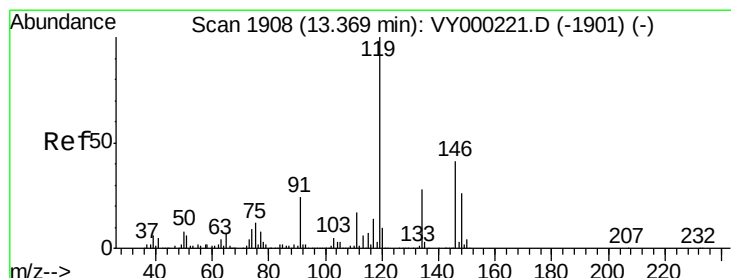
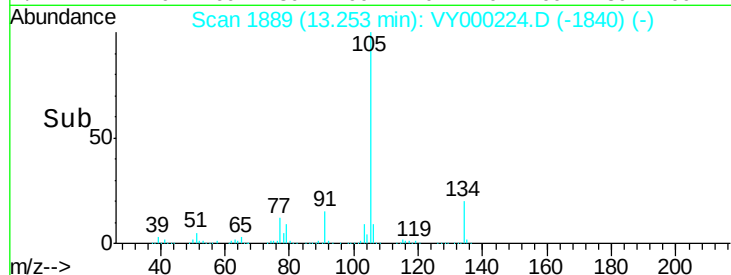
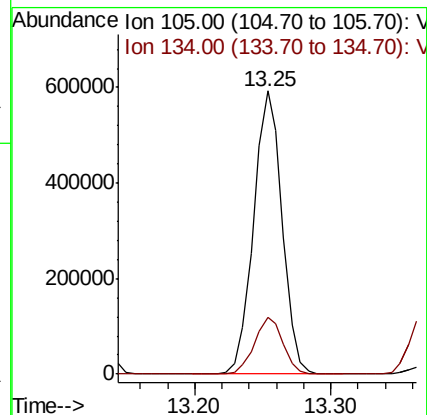
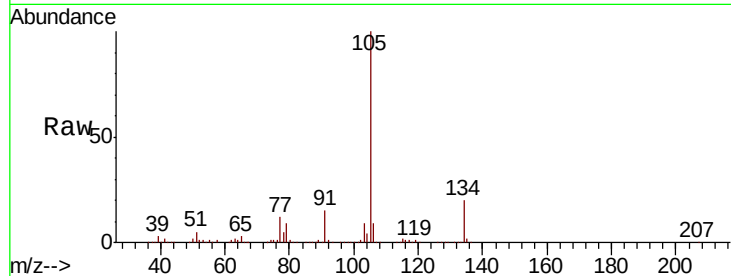
134 20.2 10.2 30.6

Manual Integrations

APPROVED

MMDadoda

10/10/2019 12:52:25 AM



#86

p-Isopropyltoluene

Concen: 47.099 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

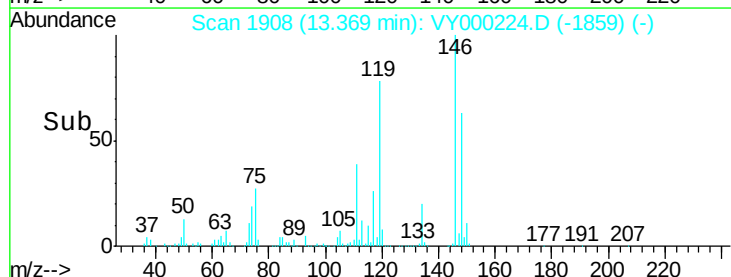
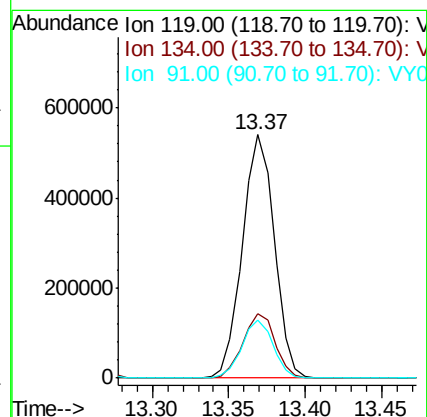
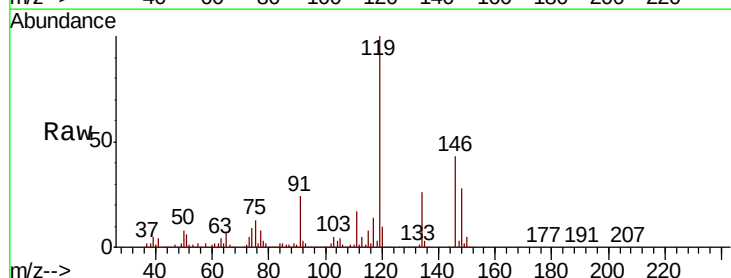
Tgt Ion:119 Resp: 784212

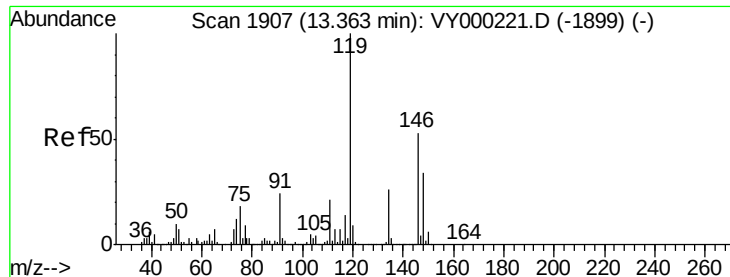
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 23.4 11.7 35.1





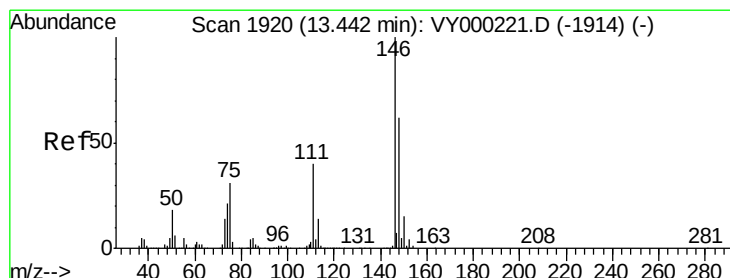
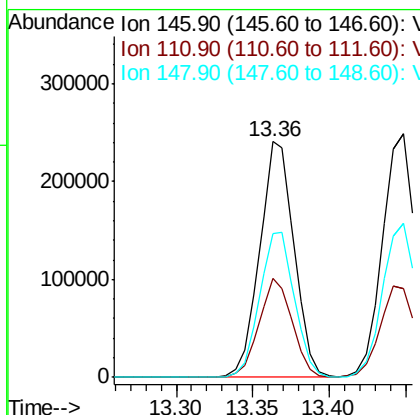
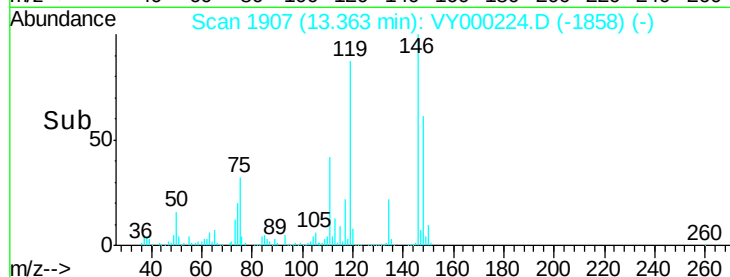
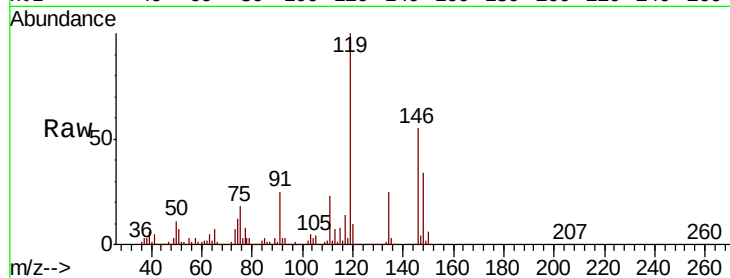
#87
 1,3-Dichlorobenzene
 Concen: 46.852 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.8
148	62.6	31.7	95.1

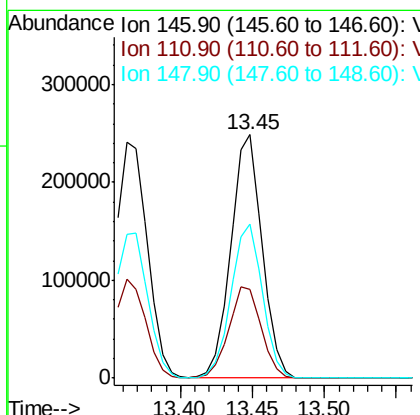
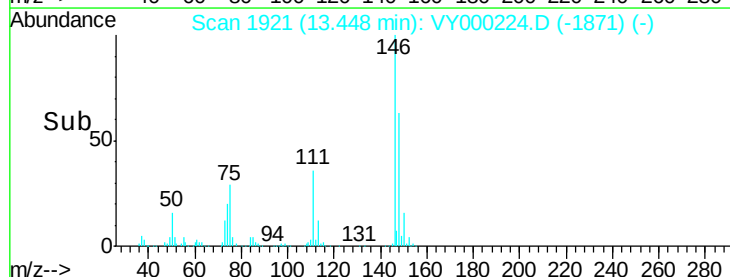
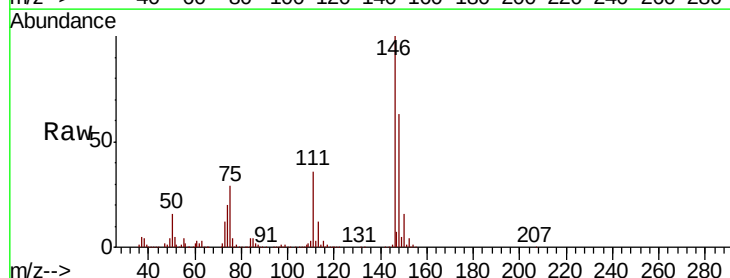
Manual Integrations
 APPROVED

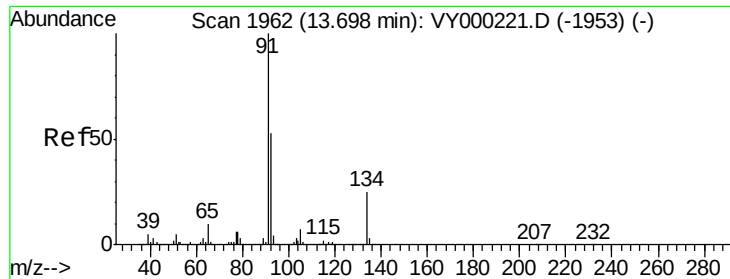
MMDadoda
 10/10/2019 12:52:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 44.916 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	63.7	31.6	94.8





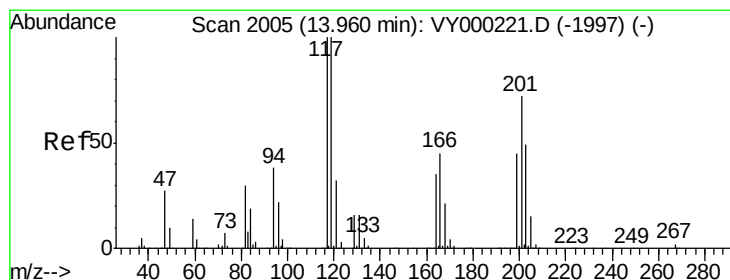
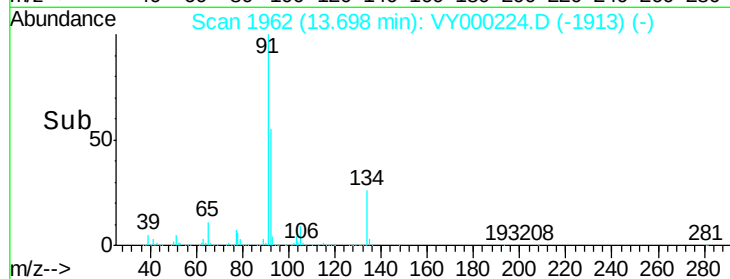
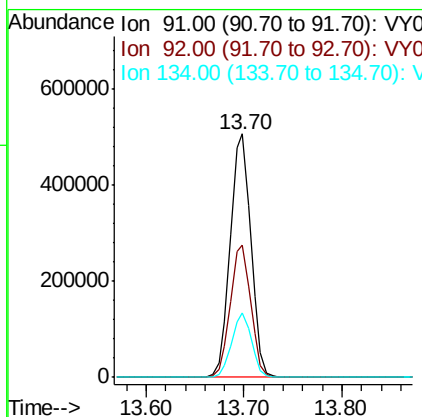
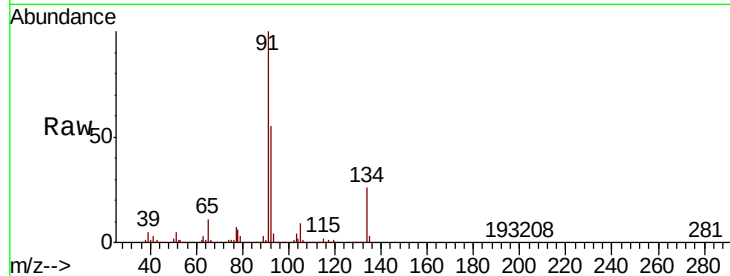
#89
n-Butylbenzene
Concen: 47.205 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100819

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.0	80.8
134	25.6	12.8	38.4

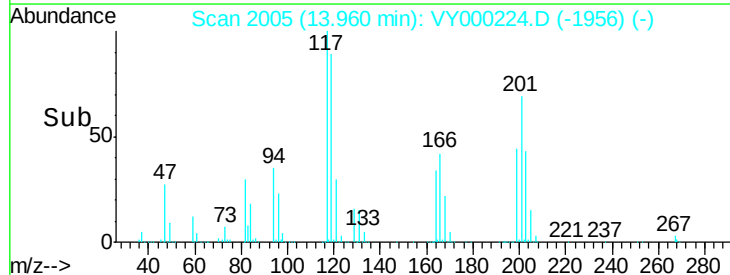
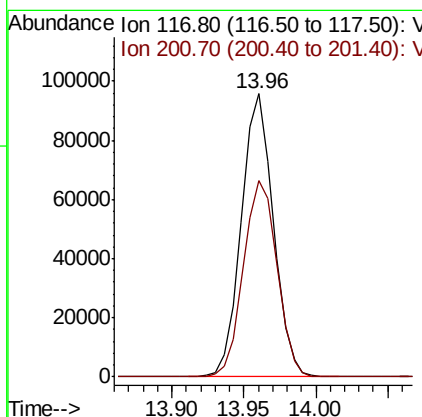
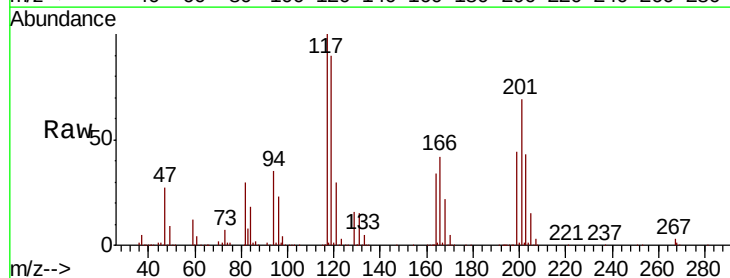
Manual Integrations
APPROVED

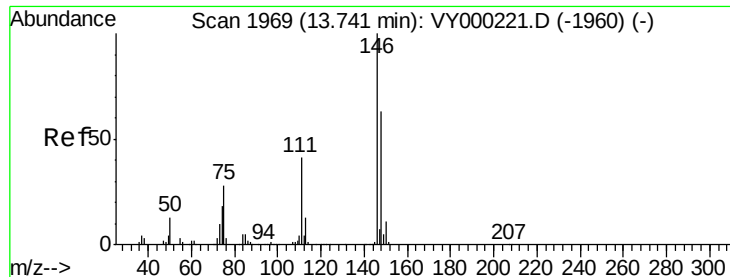
MMDadoda
10/10/2019 12:52:25 AM



#90
Hexachloroethane
Concen: 46.739 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.5	35.5	106.5





#91

1,2-Dichlorobenzene

Concen: 44.902 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Instrument :

MSVOA_Y

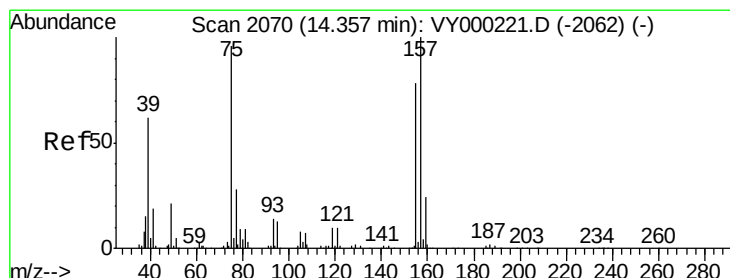
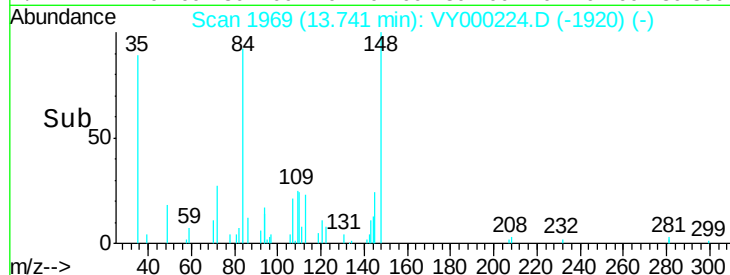
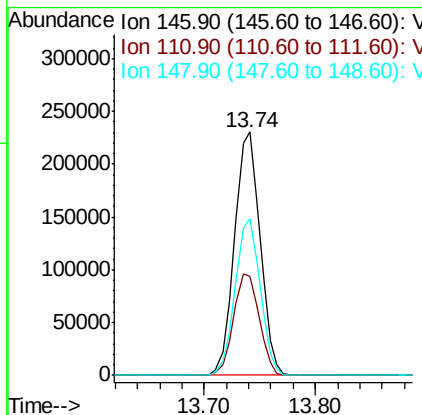
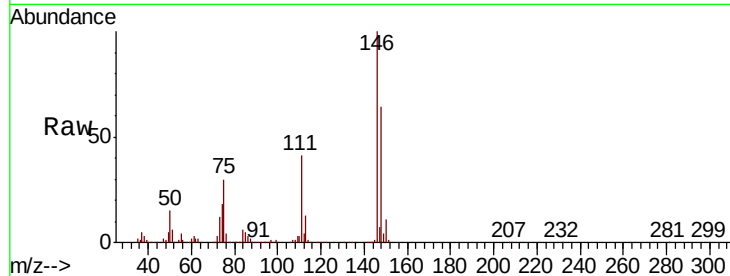
ClientSampleId :

ICVY100819

Tot Ion:	146	Resp:	365847
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.9	62.8
148	63.3	31.6	95.0

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.973 ug/l

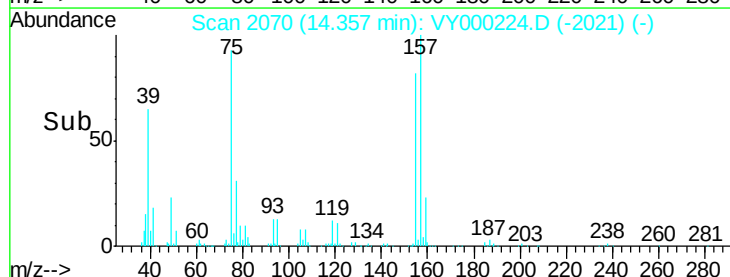
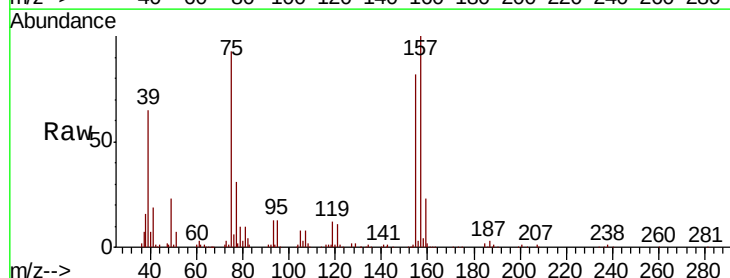
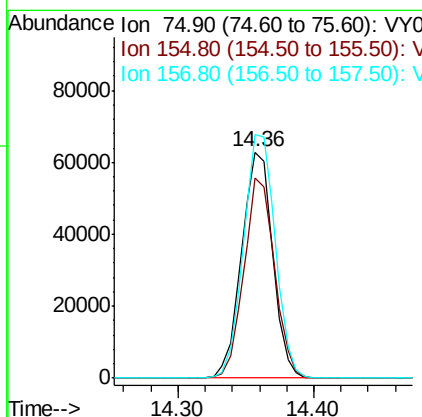
RT: 14.36 min Scan# 2070

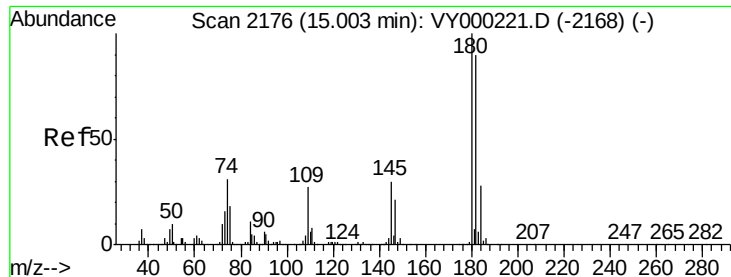
Delta R.T. 0.00 min

Lab File: VY000224.D

Acq: 08 Oct 2019 15:41

Tgt Ion:	75	Resp:	100317
Ion Ratio	Lower	Upper	
75	100		
155	87.5	42.4	127.3
157	110.5	53.8	161.5





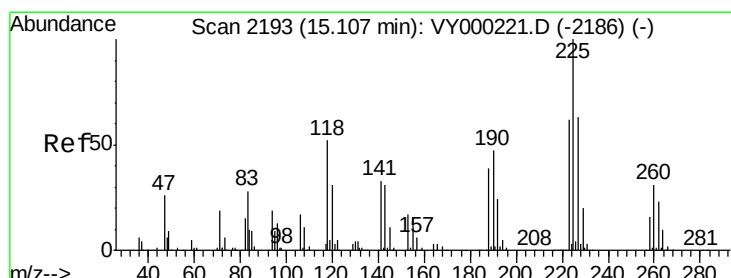
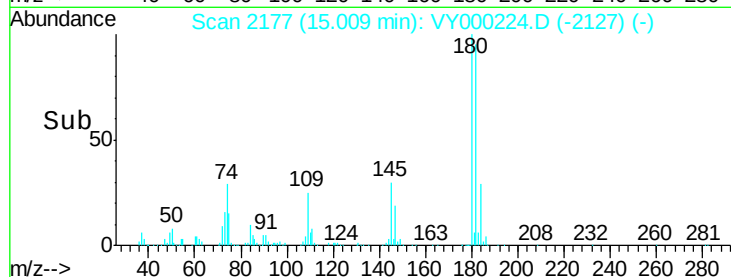
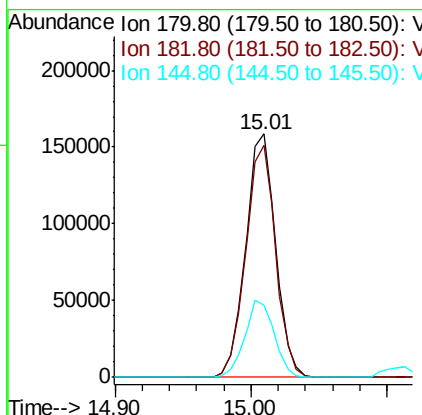
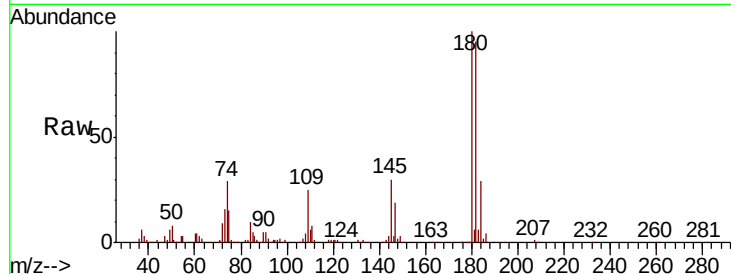
#93
 1,2,4-Trichlorobenzene
 Concen: 44.151 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Tot Ion	Ratio	Resp	Lower	Upper
180	100	244250		
182	95.1	47.2	141.6	
145	31.1	15.3	45.8	

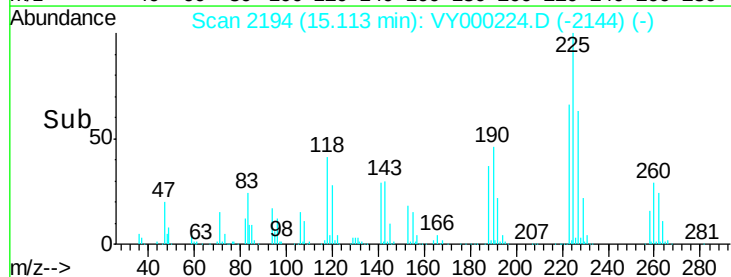
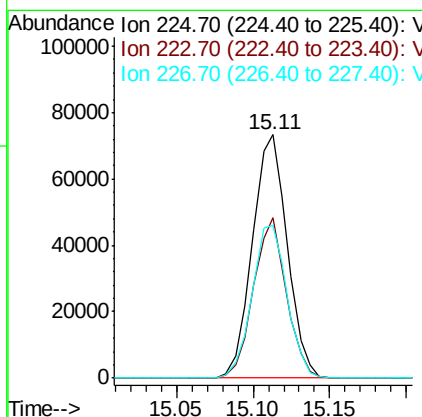
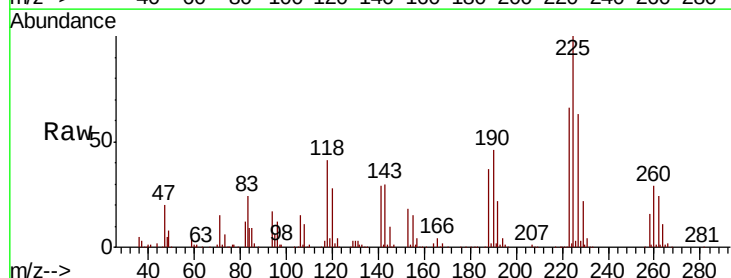
Manual Integrations
 APPROVED

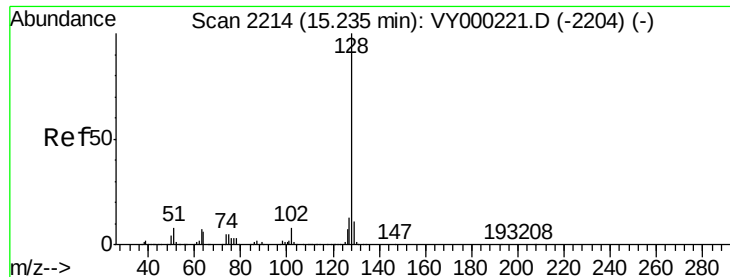
MMDadoda
 10/10/2019 12:52:25 AM



#94
 Hexachlorobutadiene
 Concen: 43.966 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000224.D
 Acq: 08 Oct 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116231		
223	62.1	31.9	95.5	
227	63.2	31.5	94.5	





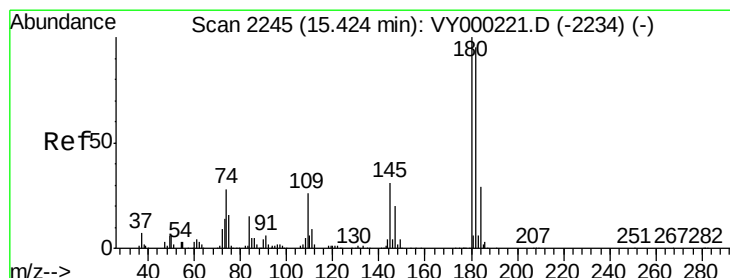
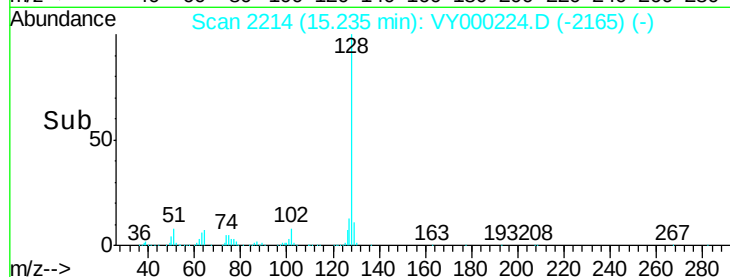
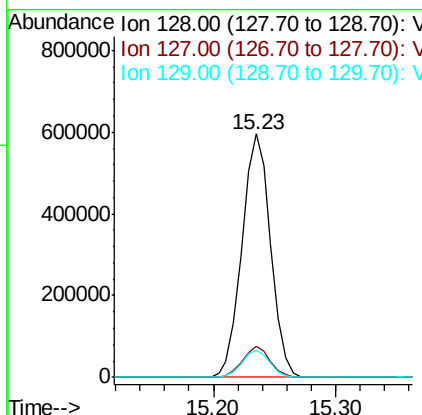
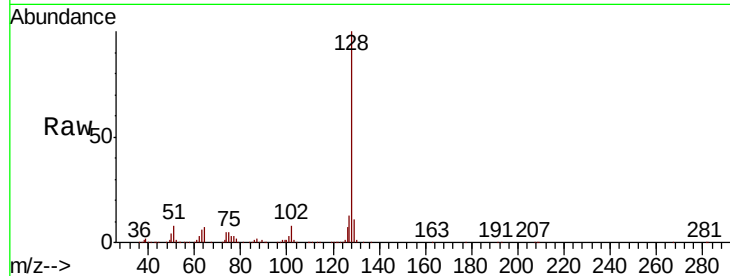
#95
Naphthalene
Concen: 46.261 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100819

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
127	12.4		10.2	15.2	
129	10.8		8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.325 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000224.D
Acq: 08 Oct 2019 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	94.5		47.9	143.7	
145	31.9		16.3	48.9	

