

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002936.D
 Acq On : 19 Jun 2020 14:01
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:06:54 PM

Quant Time: Jun 19 14:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	345793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	475458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	151432	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.72	113	154193	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	10.18	98	615596	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.48	95	210776	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	114326	52.107	ug/l	100
3) Chloromethane	2.12	50	127783	50.786	ug/l	100
4) Vinyl Chloride	2.26	62	140933	52.921	ug/l	100
5) Bromomethane	2.65	94	104960	51.495	ug/l	100
6) Chloroethane	2.80	64	92213	53.244	ug/l	100
7) Trichlorofluoromethane	3.13	101	252592	52.202	ug/l	100
8) Diethyl Ether	3.54	74	91596	52.795	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	151207	51.831	ug/l	100
10) Methyl Iodide	4.10	142	228888	59.194	ug/l	100
11) Tert butyl alcohol	4.97	59	77609	209.604	ug/l	100
12) 1,1-Dichloroethene	3.88	96	152024	52.857	ug/l	100
13) Acrolein	3.74	56	78043	281.248	ug/l	100
14) Allyl chloride	4.49	41	218538	52.771	ug/l	100
15) Acrylonitrile	5.18	53	216582	258.829	ug/l	100
16) Acetone	3.96	43	190812	269.917	ug/l	100
17) Carbon Disulfide	4.20	76	476394	57.552	ug/l	100
18) Methyl Acetate	4.49	43	89829	40.069	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	407930	52.114	ug/l	100
20) Methylene Chloride	4.72	84	177747	33.936	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	169304	52.989	ug/l	100
22) Diisopropyl ether	6.13	45	440665	51.424	ug/l	100
23) Vinyl Acetate	6.07	43	1497116	278.589	ug/l	100
24) 1,1-Dichloroethane	6.03	63	264466	52.404	ug/l	100
25) 2-Butanone	6.99	43	272777	256.832	ug/l	100
26) 2,2-Dichloropropane	6.99	77	238155	49.687	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	186263	51.970	ug/l	100
28) Bromochloromethane	7.34	49	116003	55.281	ug/l	100
29) Tetrahydrofuran	7.35	42	177012	258.451	ug/l	100
30) Chloroform	7.52	83	274153	51.832	ug/l	100
31) Cyclohexane	7.79	56	251628	50.485	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	253000	52.151	ug/l	100
36) 1,1-Dichloropropene	7.92	75	218881	52.595	ug/l	100
37) Ethyl Acetate	7.08	43	116188	49.660	ug/l	100
38) Carbon Tetrachloride	7.91	117	241519	52.811	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002936.D
 Acq On : 19 Jun 2020 14:01
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:06:54 PM

Quant Time: Jun 19 14:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	290898	53.617	ug/l	100
40) Benzene	8.16	78	644151	51.783	ug/l	100
41) Methacrylonitrile	7.33	41	71077m	33.592	ug/l	
42) 1,2-Dichloroethane	8.24	62	176866	51.127	ug/l	100
43) Isopropyl Acetate	8.28	43	222452	51.900	ug/l	100
44) Trichloroethene	8.94	130	200734	51.931	ug/l	100
45) 1,2-Dichloropropane	9.22	63	154362	51.459	ug/l	100
46) Dibromomethane	9.31	93	92355	51.577	ug/l	100
47) Bromodichloromethane	9.50	83	218920	52.859	ug/l	100
48) Methyl methacrylate	9.30	41	100872	52.913	ug/l	100
49) 1,4-Dioxane	9.31	88	26138	1010.410	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	591495	258.343	ug/l	100
52) Toluene	10.24	92	415835	51.716	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	235383	52.467	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	270248	53.097	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	135948	50.721	ug/l	100
56) Ethyl methacrylate	10.51	69	189423	53.656	ug/l	100
57) 1,3-Dichloropropane	10.79	76	229512	51.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	492241	278.673	ug/l	100
59) 2-Hexanone	10.83	43	421446	263.393	ug/l	100
60) Dibromochloromethane	10.99	129	175526	51.859	ug/l	100
61) 1,2-Dibromoethane	11.09	107	136730	51.720	ug/l	100
64) Tetrachloroethene	10.72	164	205161	50.966	ug/l	100
65) Chlorobenzene	11.52	112	465840	51.587	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	178319	52.468	ug/l	100
67) Ethyl Benzene	11.59	91	812313	52.414	ug/l	100
68) m/p-Xylenes	11.70	106	634842	105.434	ug/l	100
69) o-Xylene	12.03	106	300601	52.956	ug/l	100
70) Styrene	12.04	104	519637	53.160	ug/l	100
71) Bromoform	12.20	173	119530	52.786	ug/l	# 100
73) Isopropylbenzene	12.33	105	810887	52.166	ug/l	100
74) N-amyl acetate	12.14	43	209895	53.102	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	146335	50.768	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	109976m	30.450	ug/l	
77) Bromobenzene	12.61	156	211691	51.831	ug/l	100
78) n-propylbenzene	12.67	91	939450	51.946	ug/l	100
79) 2-Chlorotoluene	12.75	91	523597	51.663	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	679508	52.430	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	60189	52.841	ug/l	100
82) 4-Chlorotoluene	12.85	91	549588	51.400	ug/l	100
83) tert-Butylbenzene	13.07	119	607729	52.063	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	684472	52.265	ug/l	100
85) sec-Butylbenzene	13.25	105	823253	51.578	ug/l	100
86) p-Isopropyltoluene	13.37	119	775252	51.982	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	394700	50.887	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	394373	50.702	ug/l	100
89) n-Butylbenzene	13.69	91	699017	51.636	ug/l	100
90) Hexachloroethane	13.96	117	143733	52.118	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	359090	50.763	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27081	50.098	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
Data File : VY002936.D
Acq On : 19 Jun 2020 14:01
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

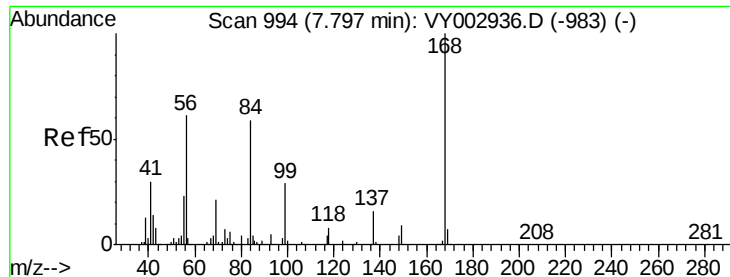
Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM

Quant Time: Jun 19 14:38:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 14:17:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	270258	50.988	ug/l	100
94) Hexachlorobutadiene	15.11	225	153982	49.701	ug/l	100
95) Naphthalene	15.23	128	537882	51.905	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	238480	50.499	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 345793

Ion Ratio Lower Upper

168 100

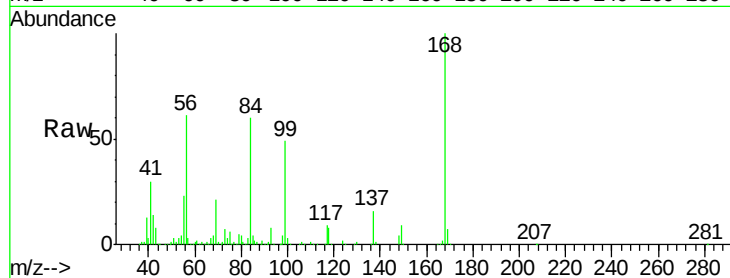
99 49.4 39.5 59.3

Manual Integrations

APPROVED

MMDadoda

6/22/2020 2:06:54 PM



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

150000

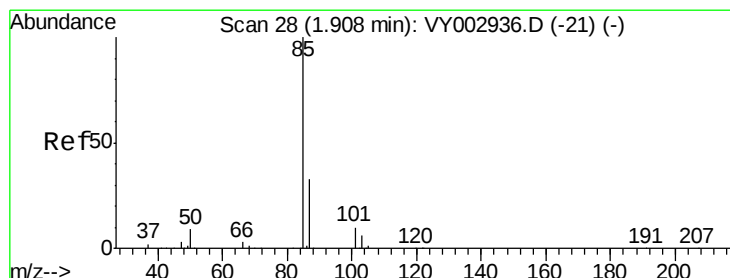
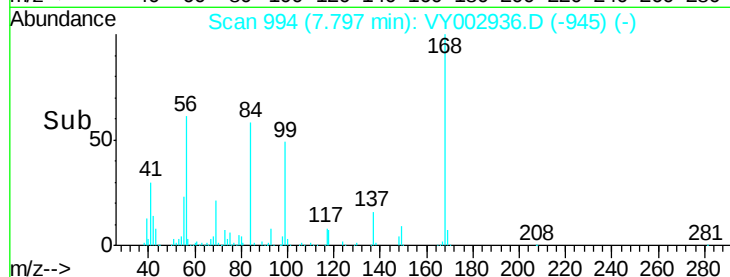
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 52.107 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002936.D

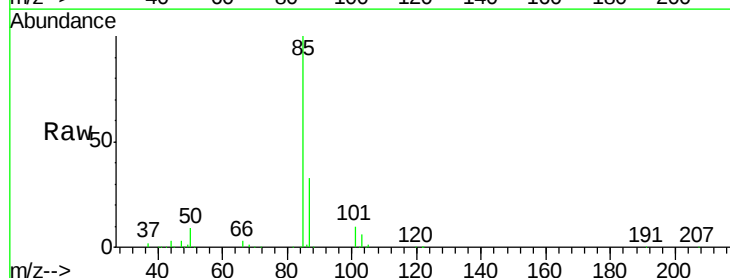
Acq: 19 Jun 2020 14:01

Tgt Ion: 85 Resp: 114326

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002936.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002936.D (-21) (-)

1.91

80000

60000

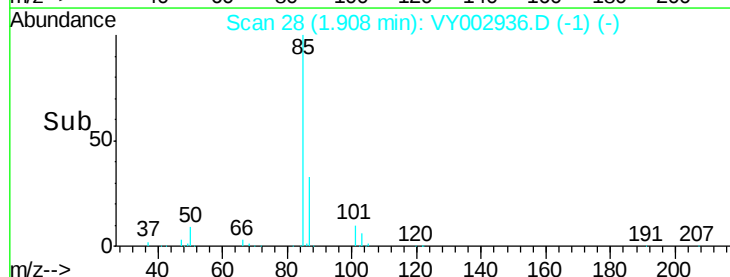
40000

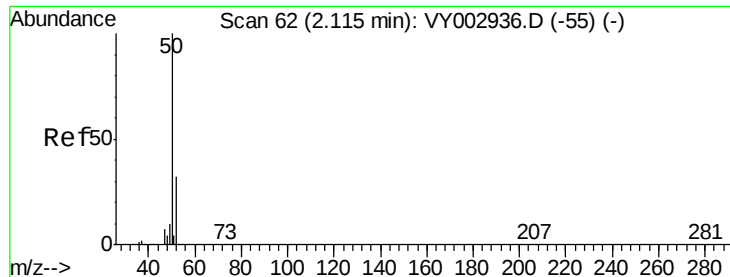
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 50.786 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 127783

Ion Ratio Lower Upper

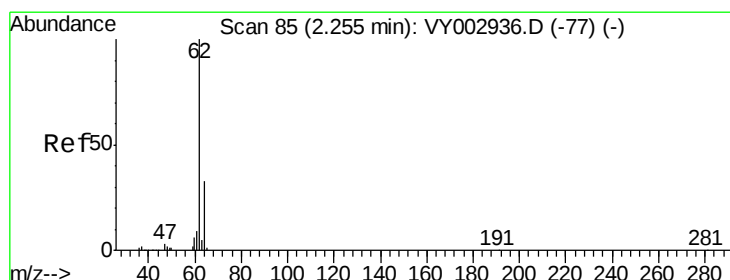
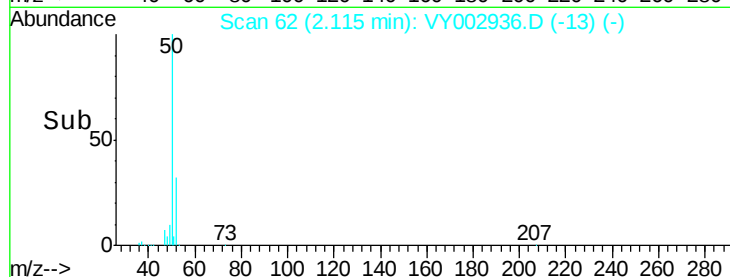
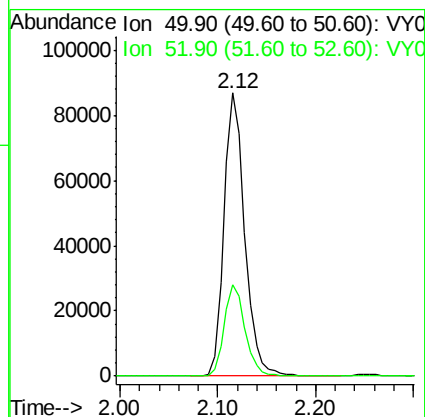
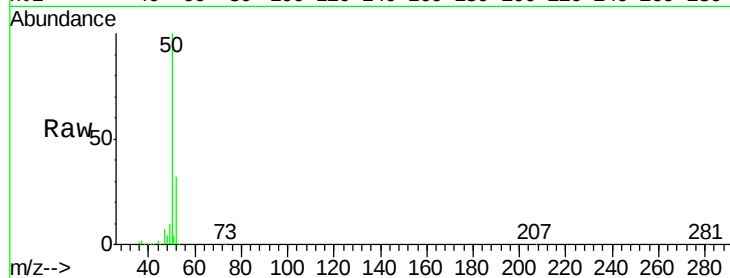
50 100

52 32.2 25.8 38.6

Manual Integrations
APPROVED

MMDadoda

6/22/2020 2:06:54 PM



#4

Vinyl Chloride

Concen: 52.921 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002936.D

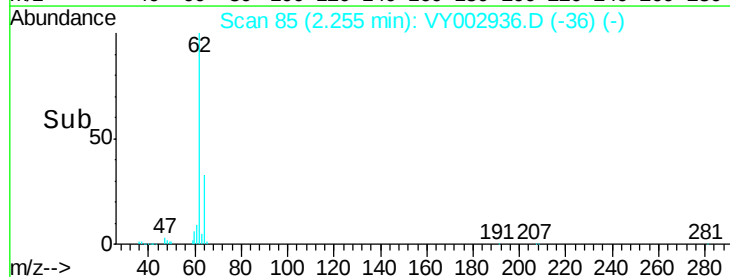
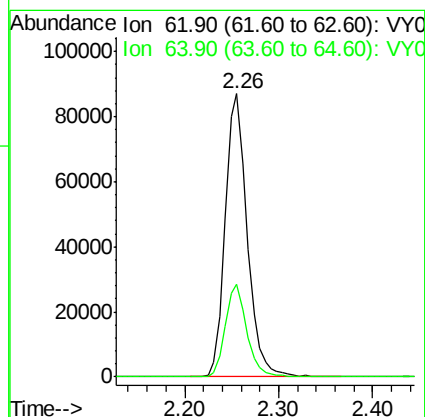
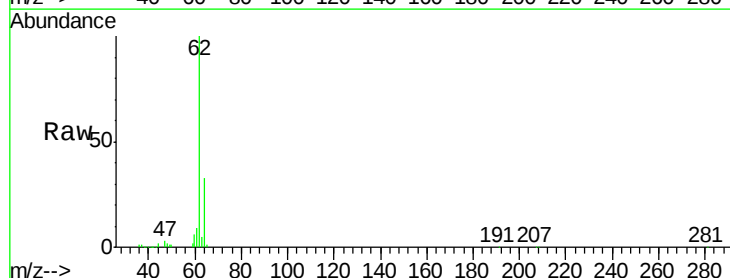
Acq: 19 Jun 2020 14:01

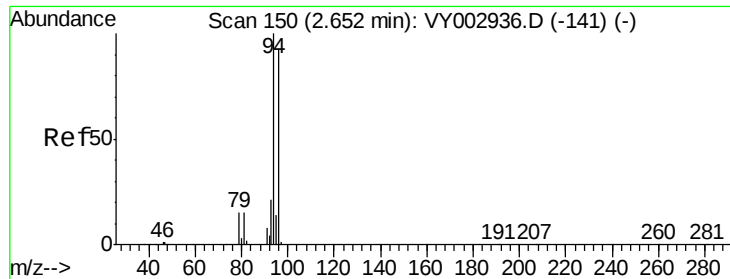
Tgt Ion: 62 Resp: 140933

Ion Ratio Lower Upper

62 100

64 32.9 26.3 39.5





#5

Bromomethane

Concen: 51.495 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 104960

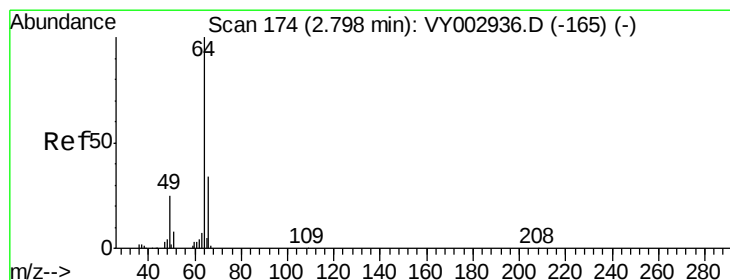
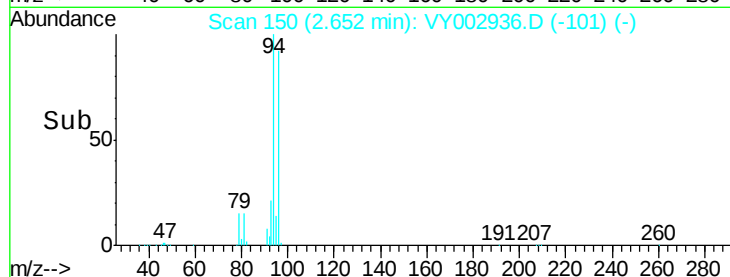
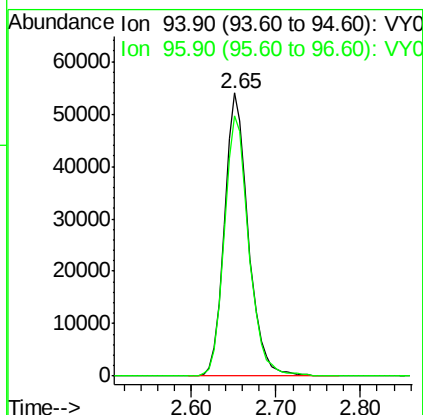
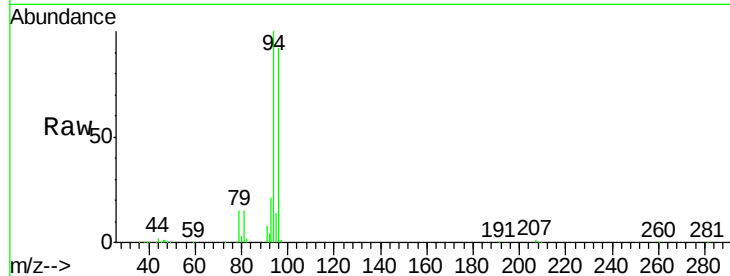
Ion Ratio Lower Upper

94 100

96 92.1 73.7 110.5

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM



#6

Chloroethane

Concen: 53.244 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002936.D

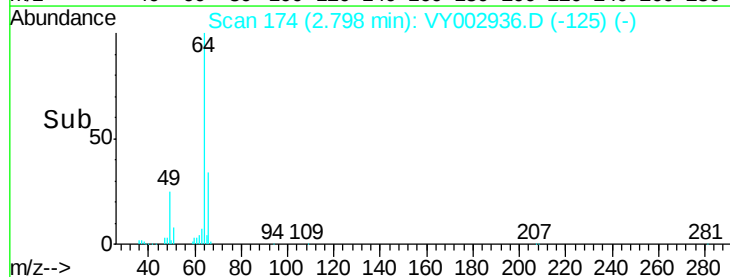
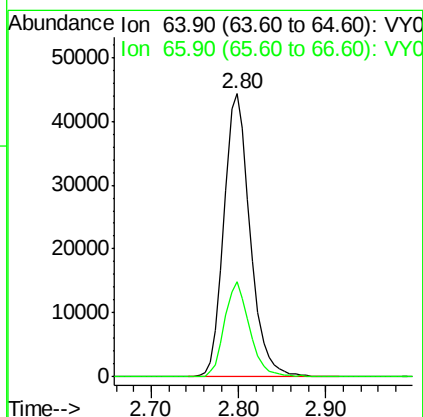
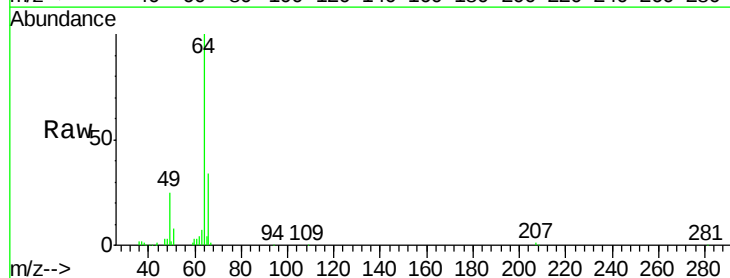
Acq: 19 Jun 2020 14:01

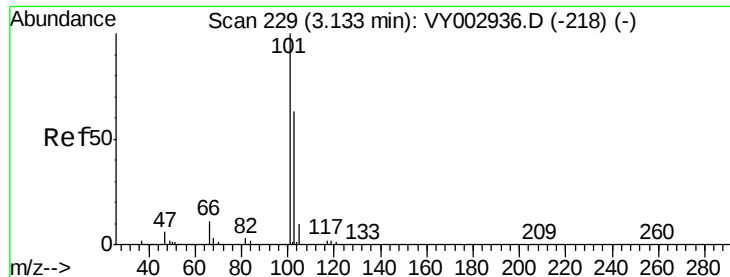
Tgt Ion: 64 Resp: 92213

Ion Ratio Lower Upper

64 100

66 33.8 27.0 40.6





#7

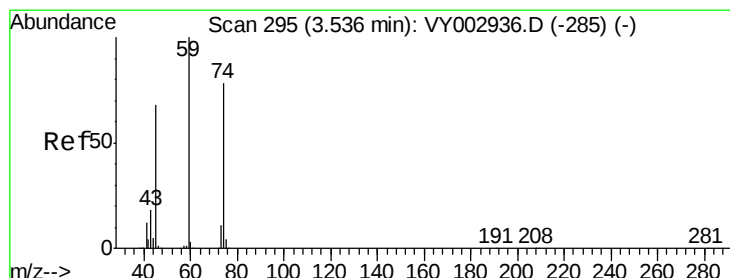
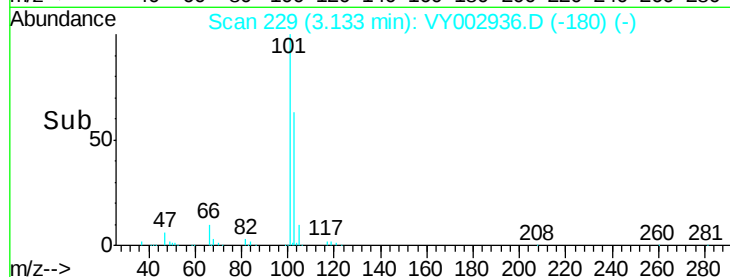
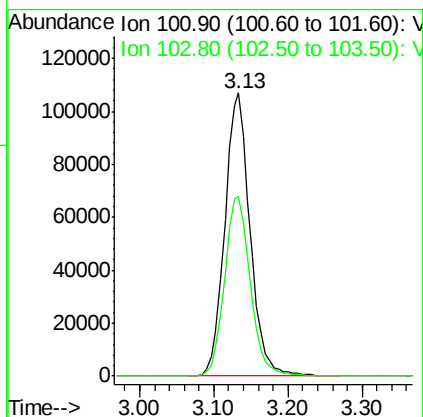
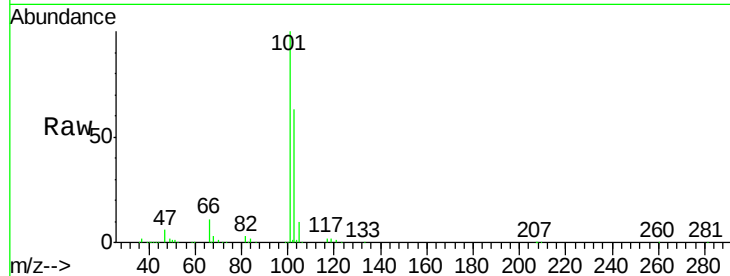
Trichlorofluoromethane
Concen: 52.202 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	252592		
103	63.3	50.6	76.0	

Manual Integrations
APPROVED

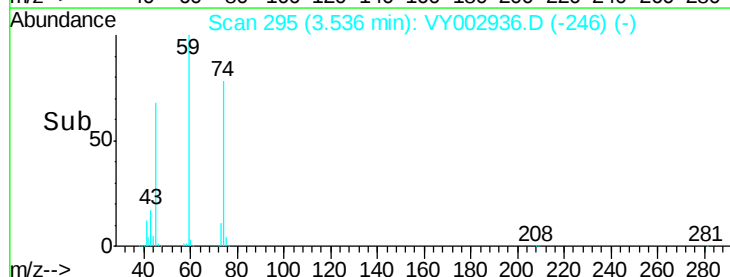
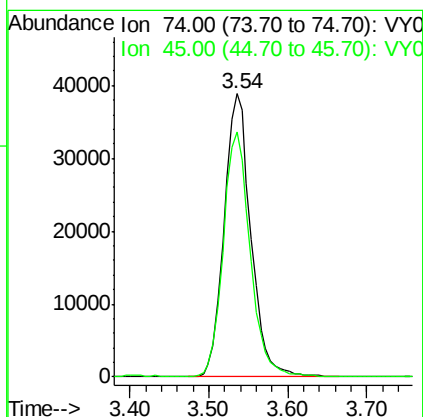
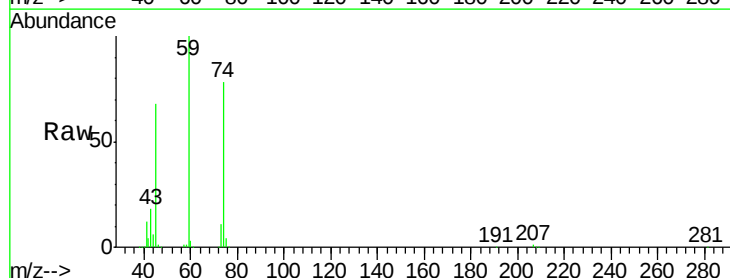
MMDadoda
6/22/2020 2:06:54 PM

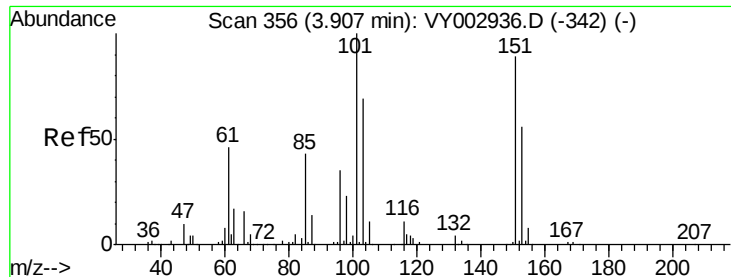


#8

Diethyl Ether
Concen: 52.795 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	91596		
45	87.4	43.7	131.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.831 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

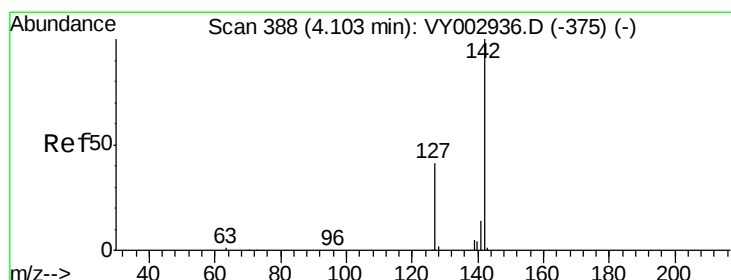
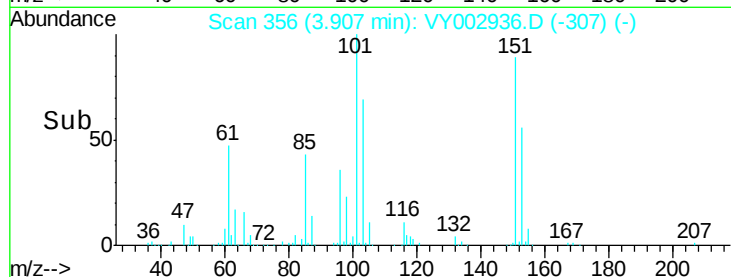
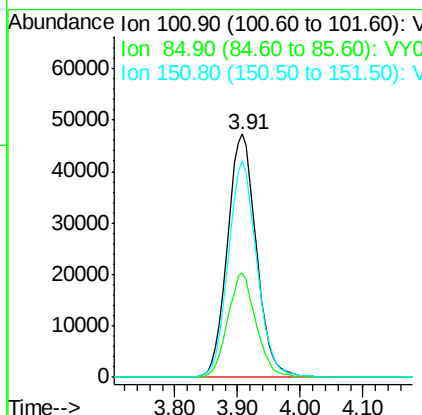
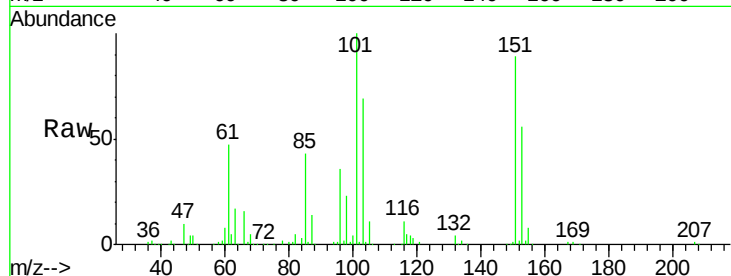
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	151207
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.6	50.4
151	88.0	70.4	105.6

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM



#10

Methyl Iodide

Concen: 59.194 ug/l

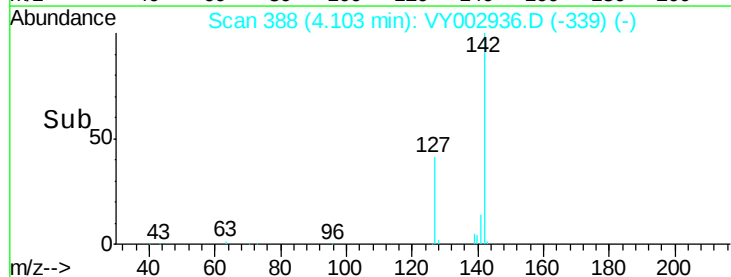
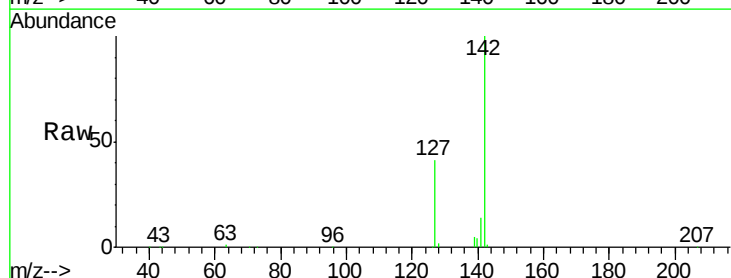
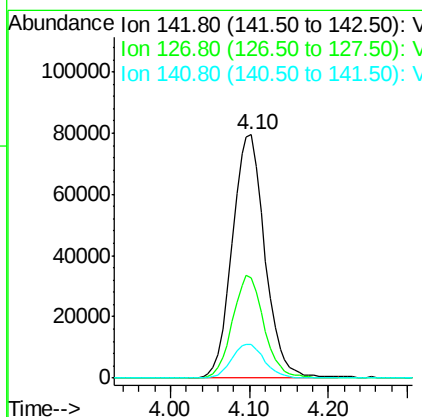
RT: 4.10 min Scan# 388

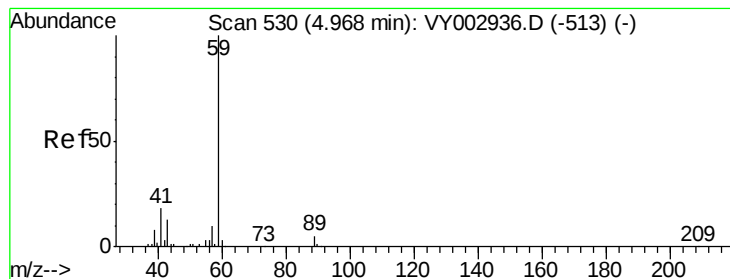
Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tgt Ion:	142	Resp:	228888
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.9	49.3
141	14.1	11.3	16.9





#11

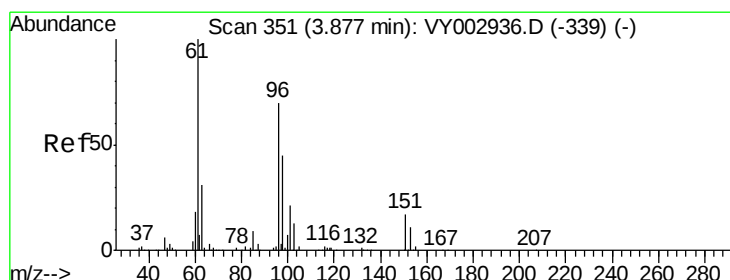
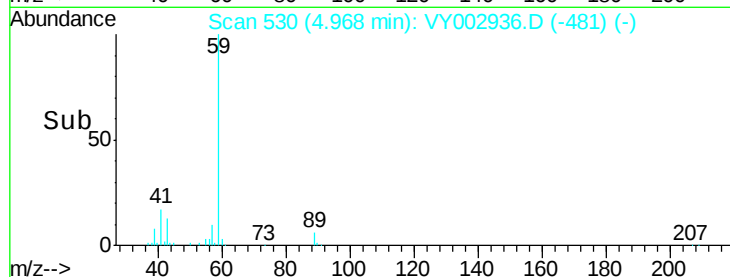
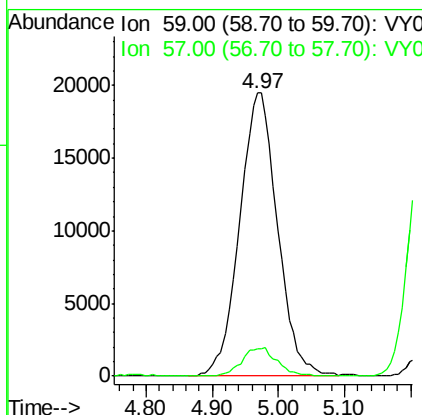
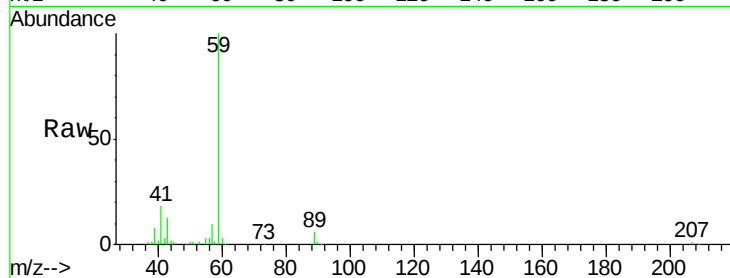
Tert butyl alcohol
 Concen: 209.604 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	77609
Ion Ratio	100	Lower	Upper
57	9.3	7.4	11.2

Manual Integrations
 APPROVED

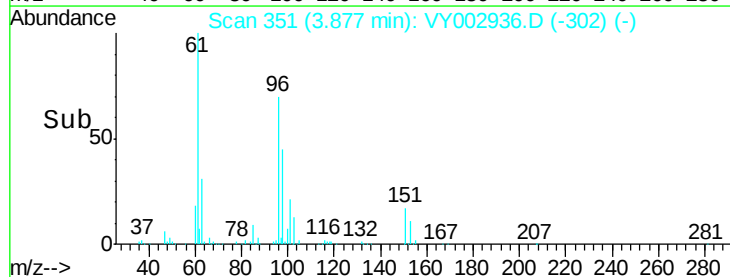
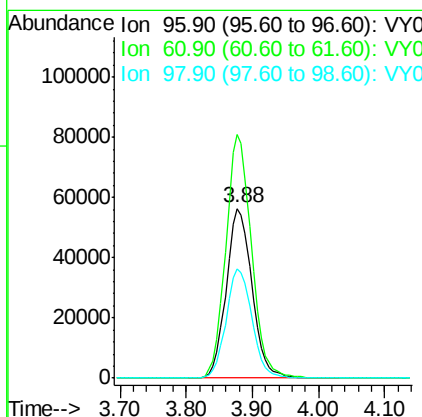
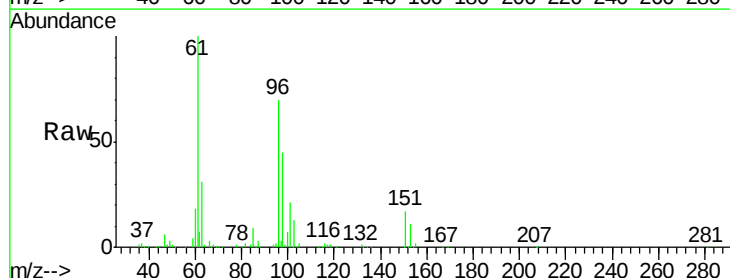
MMDadoda
 6/22/2020 2:06:54 PM

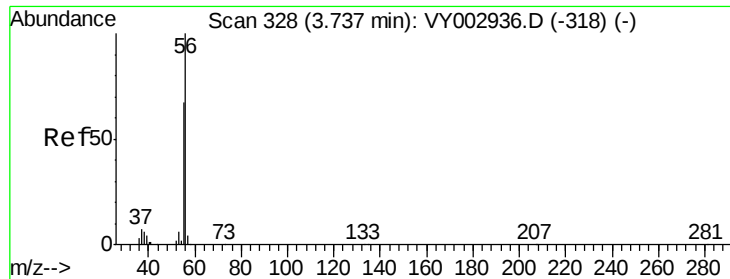


#12

1,1-Dichloroethene
 Concen: 52.857 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	96	Resp	152024
Ion Ratio	100	Lower	Upper
61	143.3	114.6	172.0
98	64.2	51.4	77.0





#13

Acrolein

Concen: 281.248 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 78043

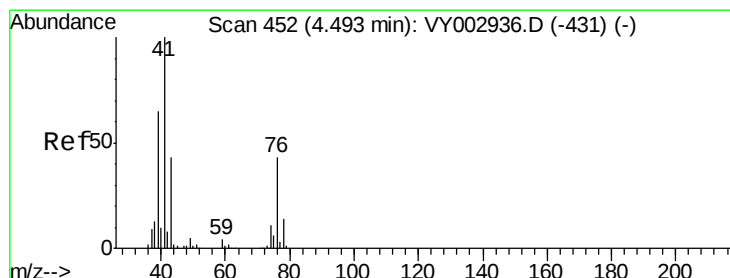
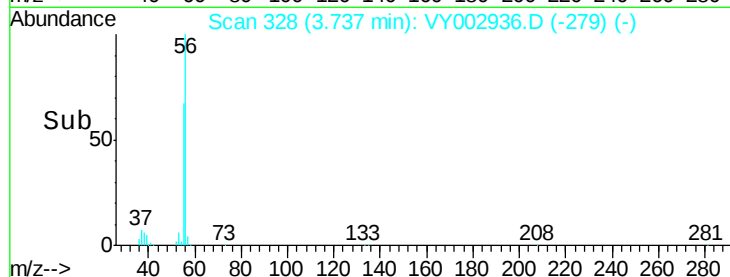
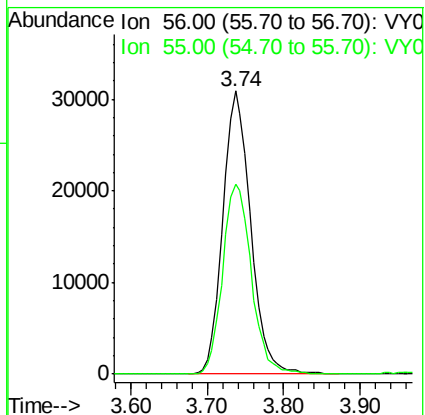
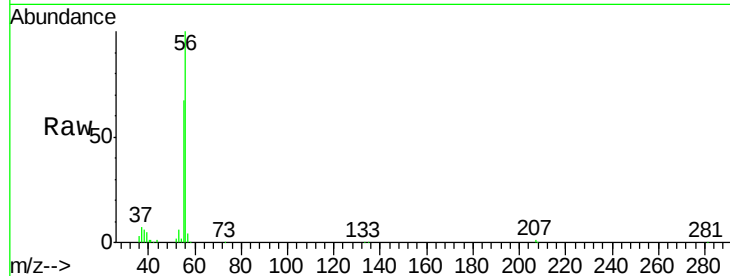
Ion Ratio Lower Upper

56 100

55 69.1 55.3 82.9

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM



#14

Allyl chloride

Concen: 52.771 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

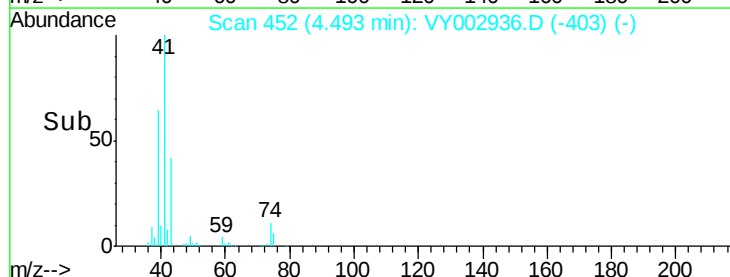
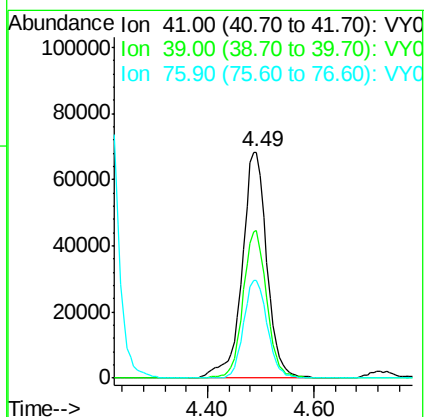
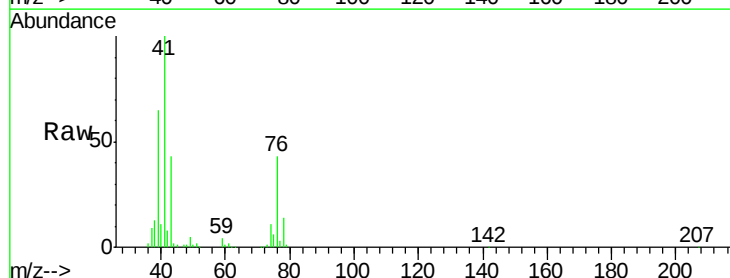
Tgt Ion: 41 Resp: 218538

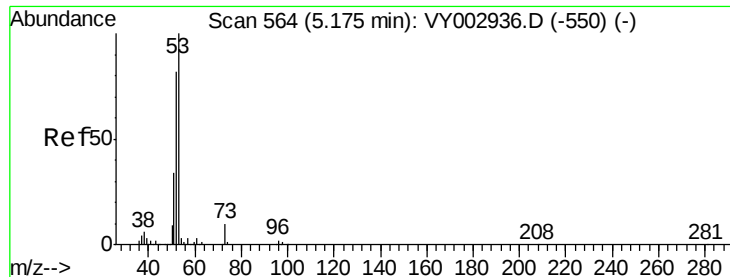
Ion Ratio Lower Upper

41 100

39 62.5 50.0 75.0

76 41.6 33.3 49.9





#15

Acrylonitrile

Concen: 258.829 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

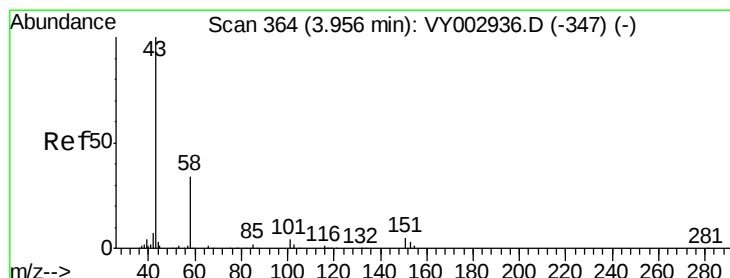
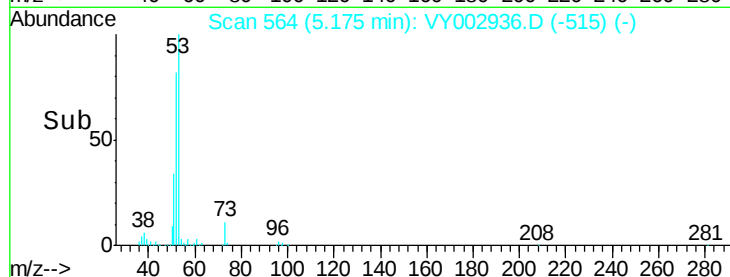
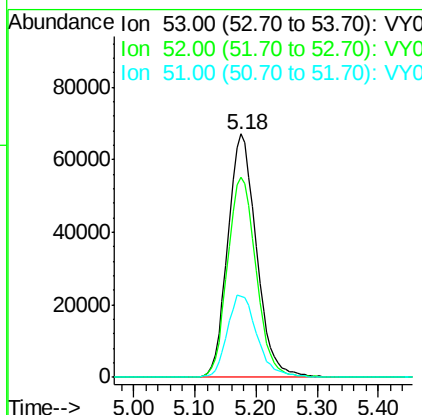
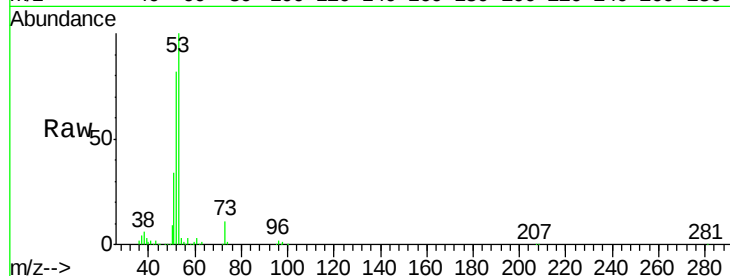
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	216582
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	35.1	28.1	42.1

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM



#16

Acetone

Concen: 269.917 ug/l

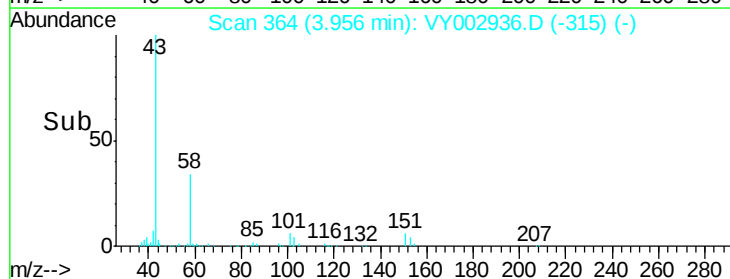
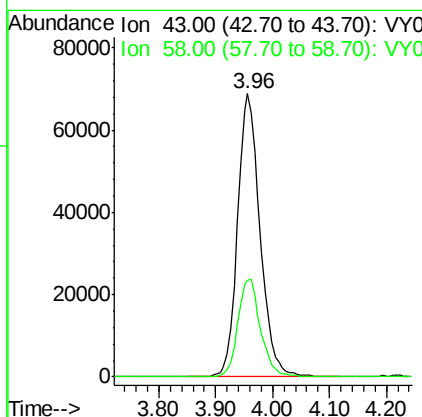
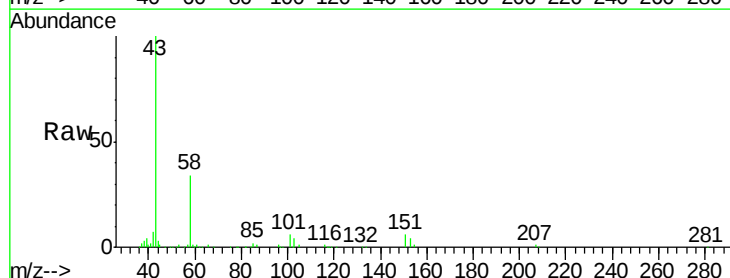
RT: 3.96 min Scan# 364

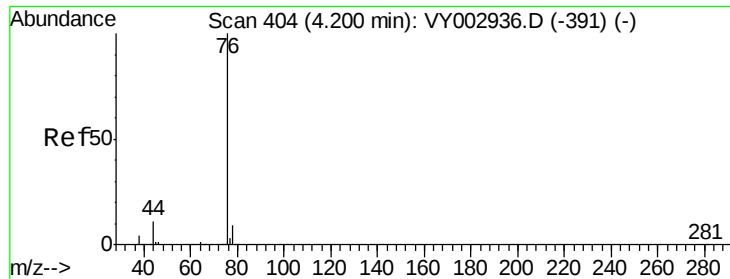
Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tgt Ion:	43	Resp:	190812
Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.3	40.9





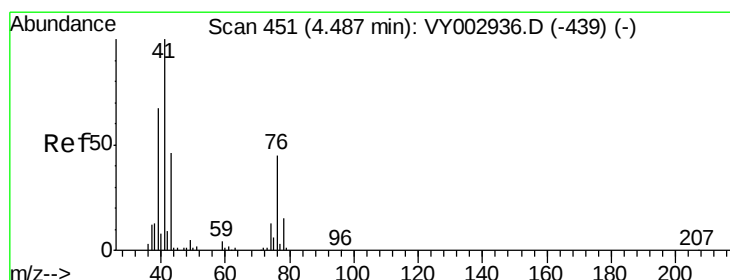
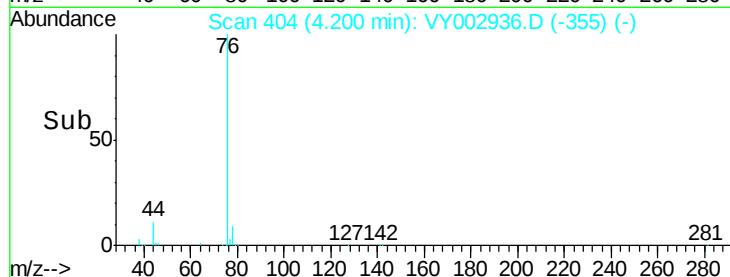
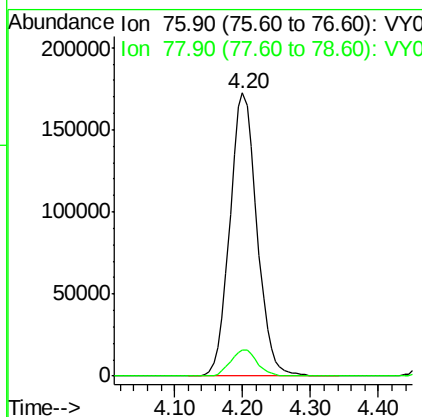
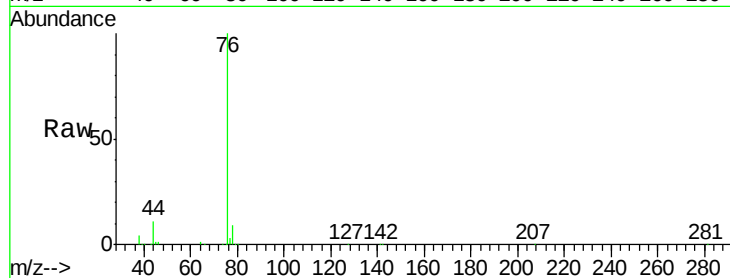
#17
Carbon Disulfide
Concen: 57.552 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

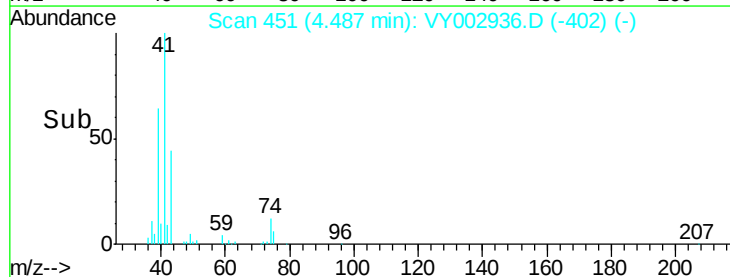
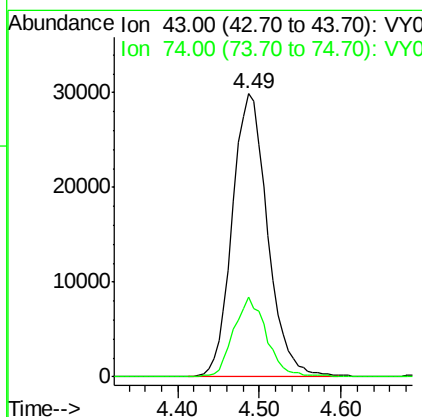
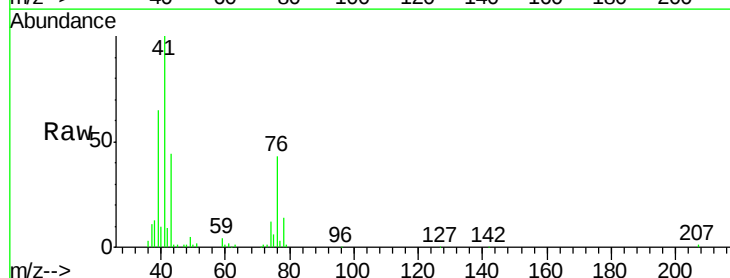
Manual Integrations
APPROVED

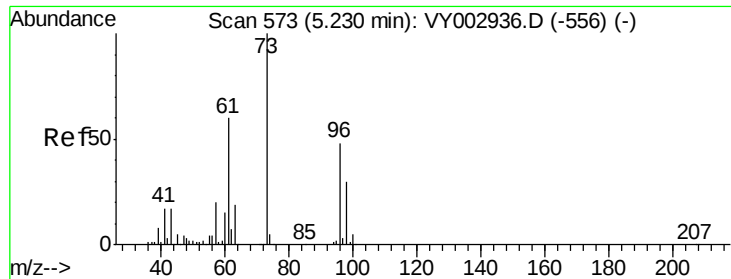
MMDadoda
6/22/2020 2:06:54 PM



#18
Methyl Acetate
Concen: 40.069 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.1	31.7





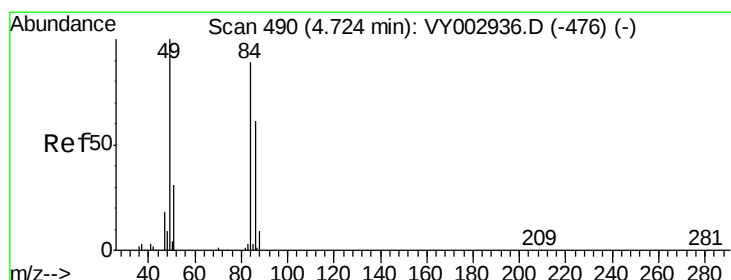
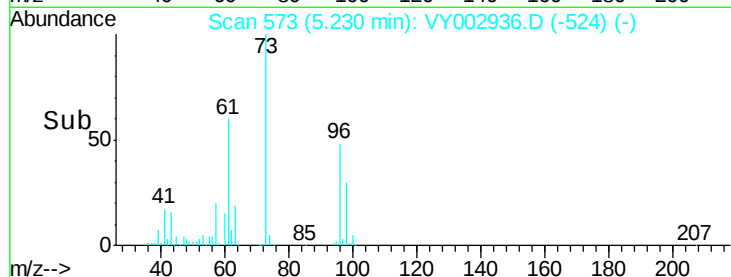
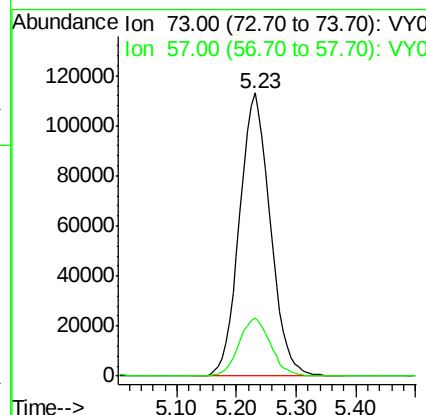
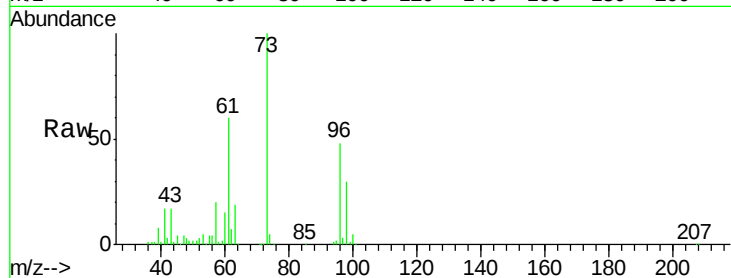
#19
Methvl tert-butvl Ether
Concen: 52.114 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	16.4	24.6

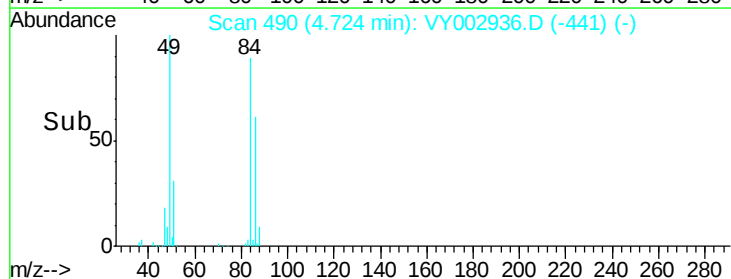
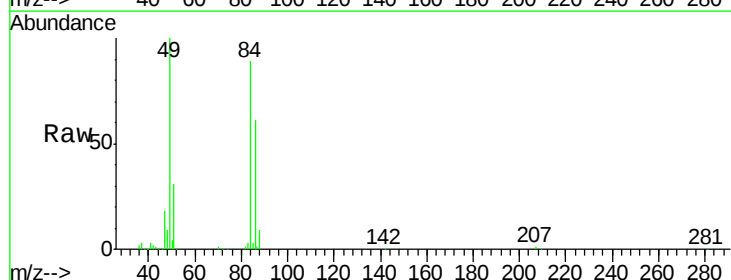
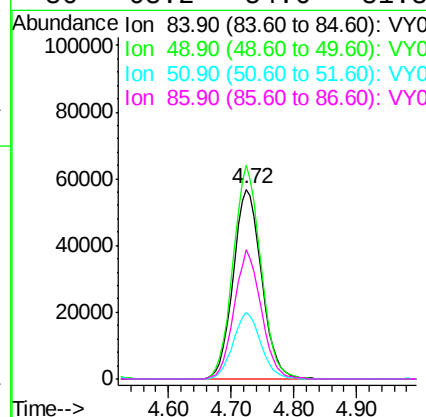
Manual Integrations
APPROVED

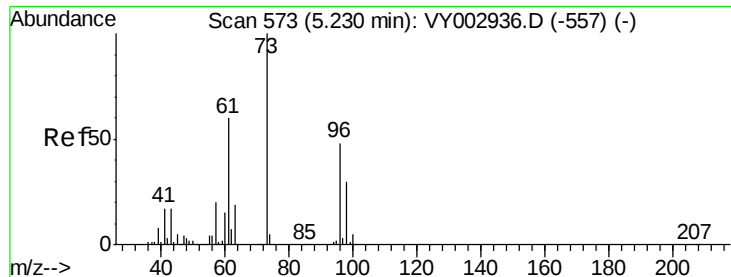
MMDadoda
6/22/2020 2:06:54 PM



#20
Methylene Chloride
Concen: 33.936 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.5	90.0	135.0
51	34.9	27.9	41.9
86	68.2	54.6	81.8





#21

trans-1,2-Dichloroethene

Concen: 52.989 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

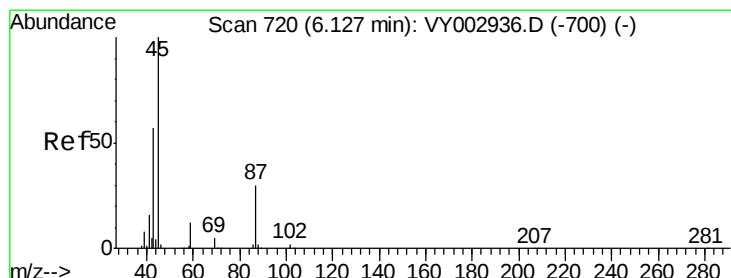
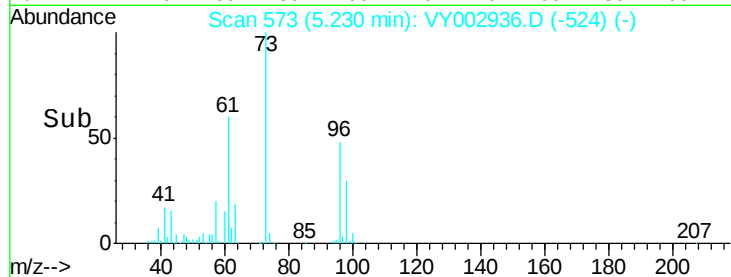
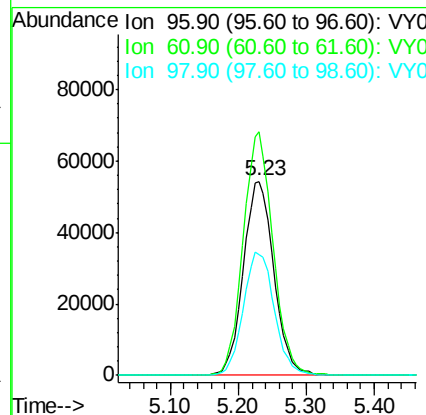
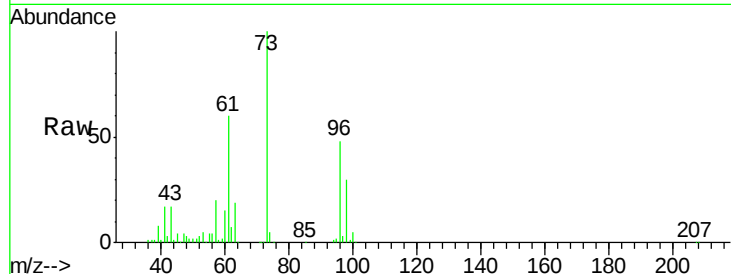
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	169304
Ion	Ratio	Lower	Upper
96	100		
61	125.7	100.6	150.8
98	62.3	49.8	74.8

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM



#22

Diisopropyl ether

Concen: 51.424 ug/l

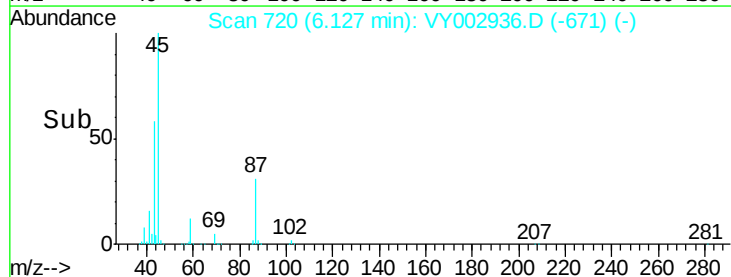
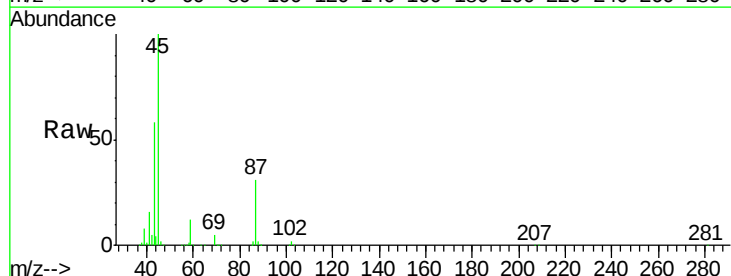
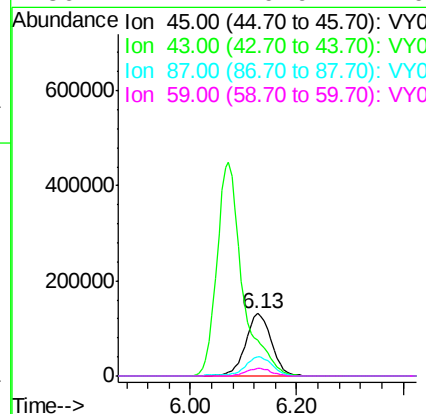
RT: 6.13 min Scan# 720

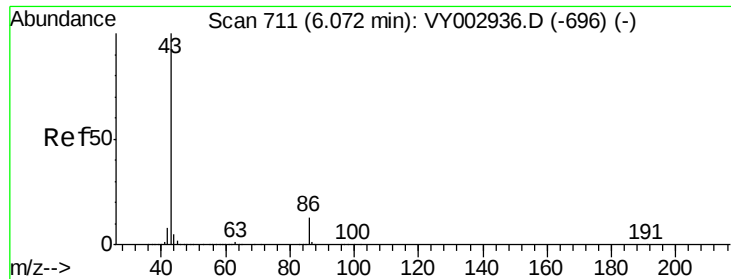
Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tgt Ion:	45	Resp:	440665
Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.2	69.2
87	31.1	24.9	37.3
59	12.4	9.9	14.9





#23

Vinyl Acetate

Concen: 278.589 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tot Ion: 43 Resp: 1497116

Ion Ratio Lower Upper

43 100

86 13.2 10.6 15.8

Instrument :

MSVOA_Y

ClientSampleId :

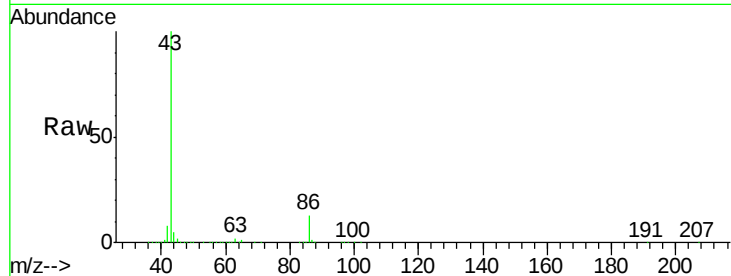
VSTDICCC050

Manual Integrations

APPROVED

MMDadoda

6/22/2020 2:06:54 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

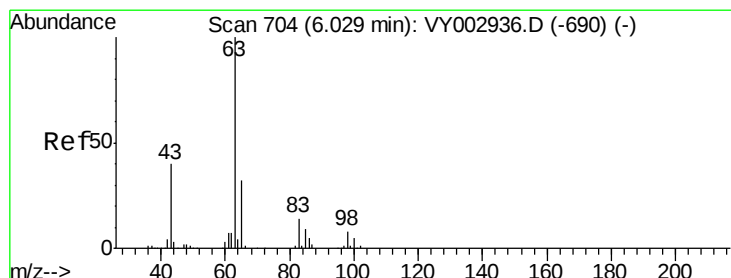
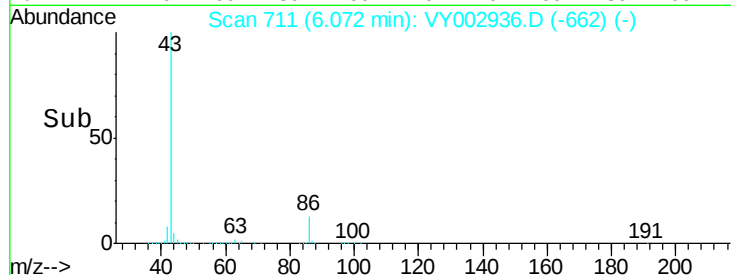
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.404 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

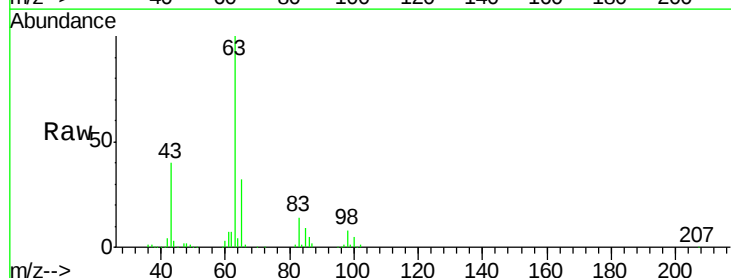
Tgt Ion: 63 Resp: 264466

Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

100 5.1 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

100000

80000

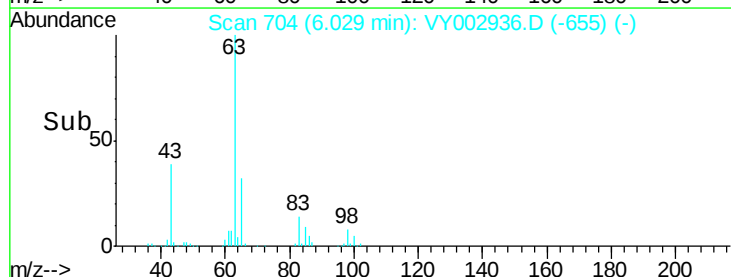
60000

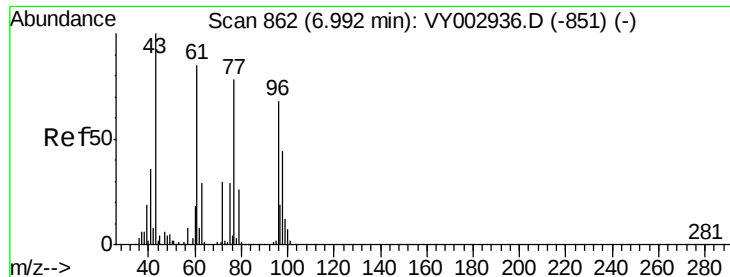
40000

20000

0

Time-->





#25

2-Butanone

Concen: 256.832 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 272777

Ion Ratio Lower Upper

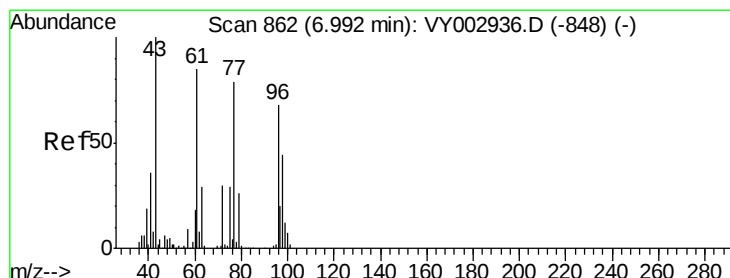
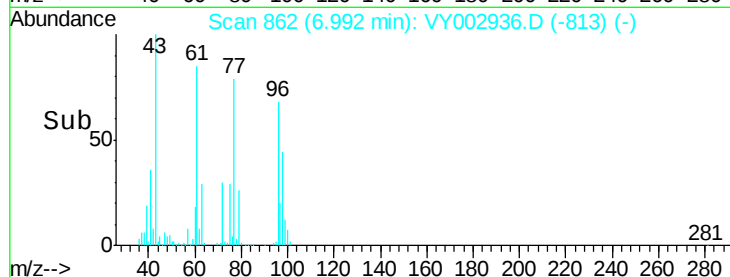
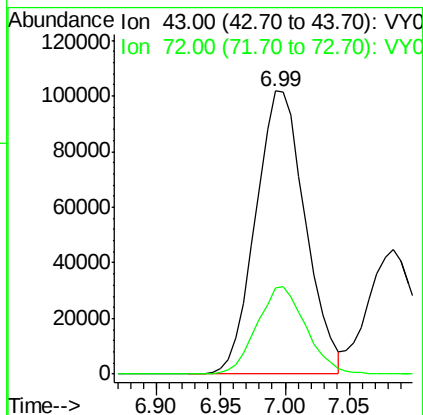
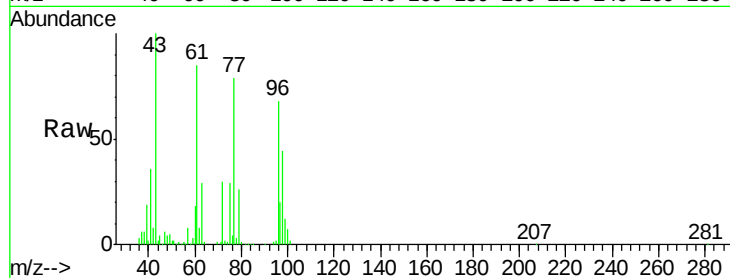
43 100

72 30.3 24.2 36.4

Manual Integrations
APPROVED

MMDadoda

6/22/2020 2:06:54 PM



#26

2,2-Dichloropropane

Concen: 49.687 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002936.D

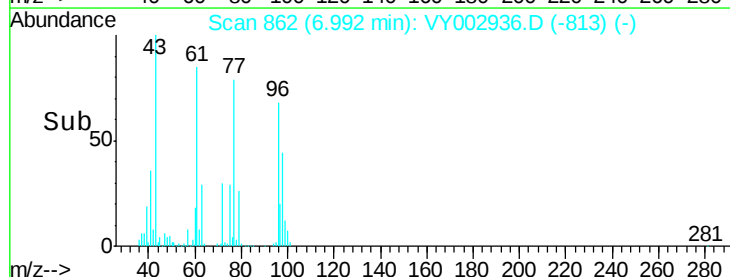
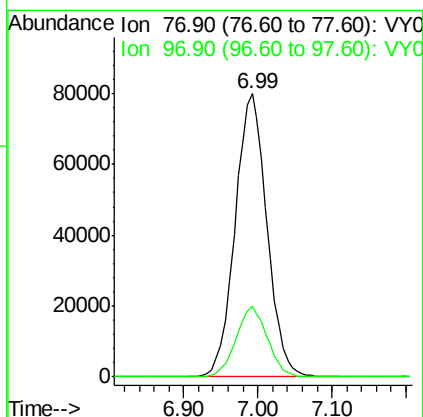
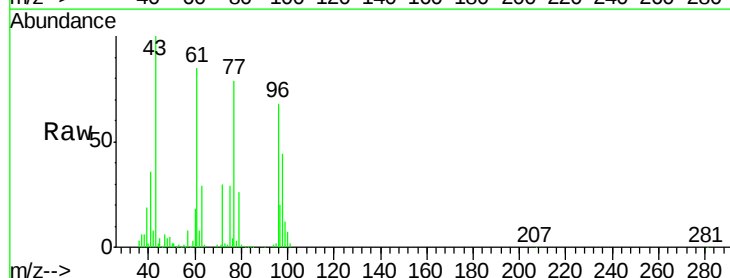
Acq: 19 Jun 2020 14:01

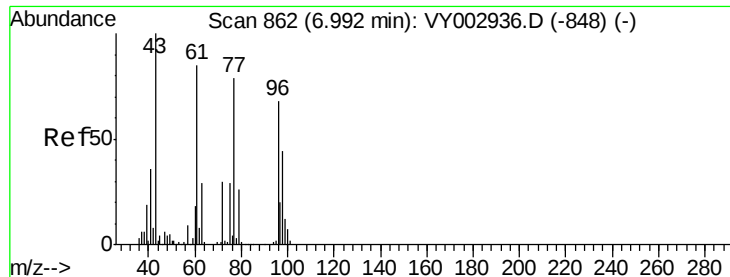
Tgt Ion: 77 Resp: 238155

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.9





#27

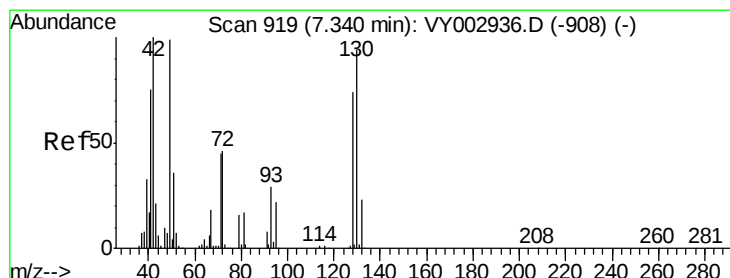
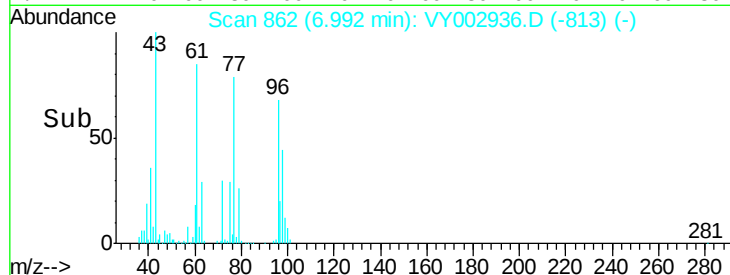
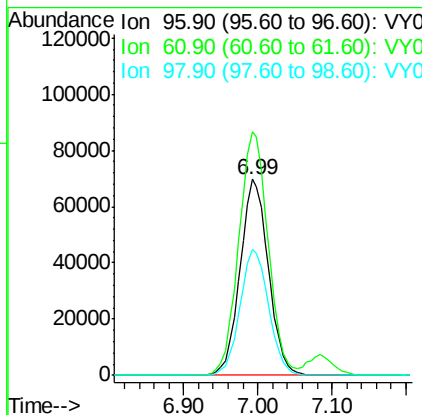
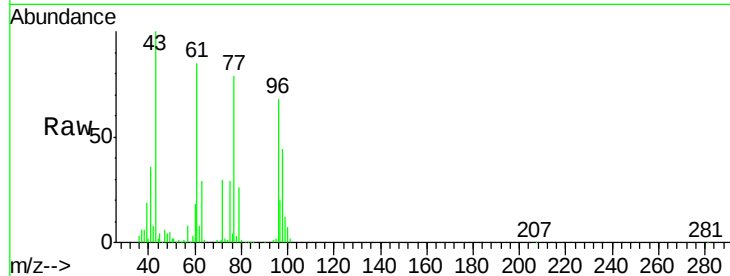
cis-1,2-Dichloroethene
Concen: 51.970 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	128.5	0.0	257.0	
98	64.9	0.0	129.8	

Manual Integrations
APPROVED

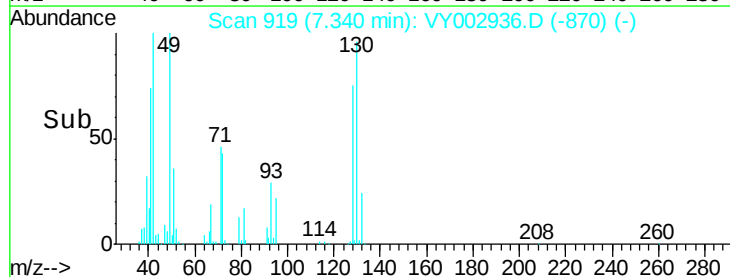
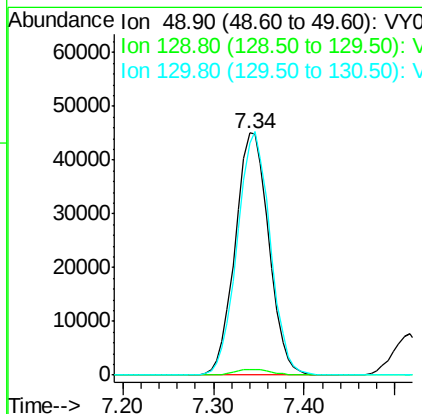
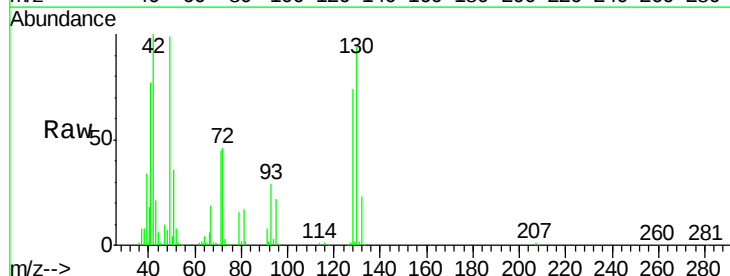
MMDadoda
6/22/2020 2:06:54 PM

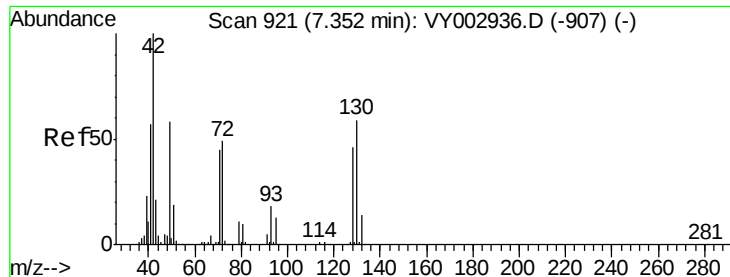


#28

Bromochloromethane
Concen: 55.281 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.0	
130	98.0	78.4	117.6	





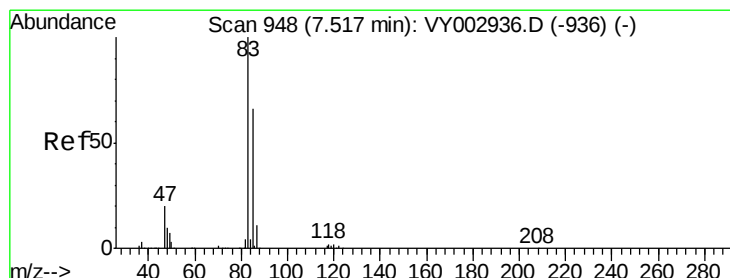
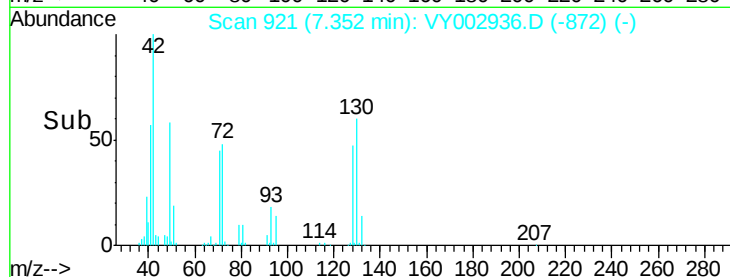
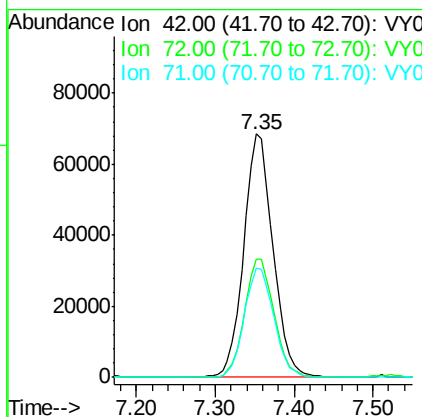
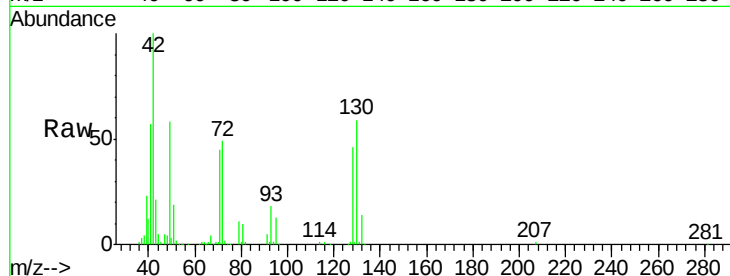
#29
Tetrahydrofuran
Concen: 258.451 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	39.1	58.7
71	45.5	36.4	54.6

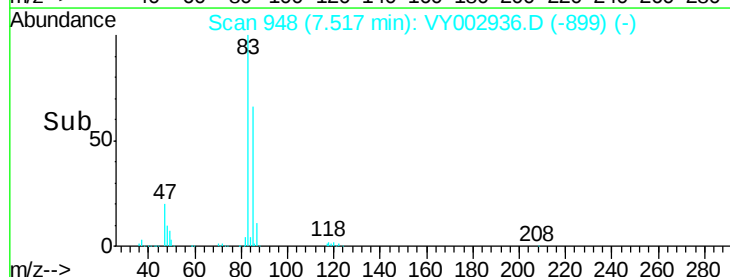
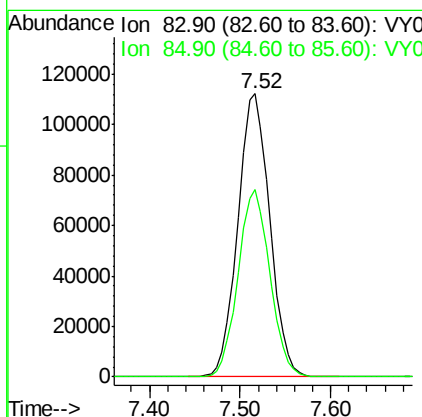
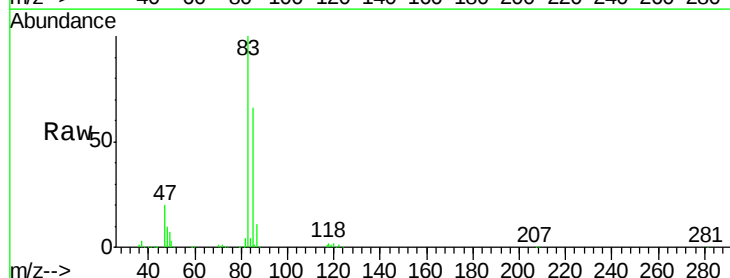
Manual Integrations
APPROVED

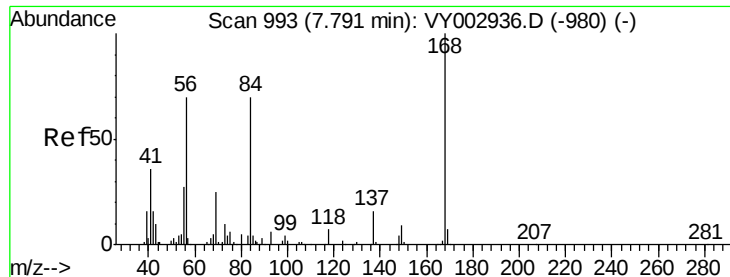
MMDadoda
6/22/2020 2:06:54 PM



#30
Chloroform
Concen: 51.832 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.1	79.7





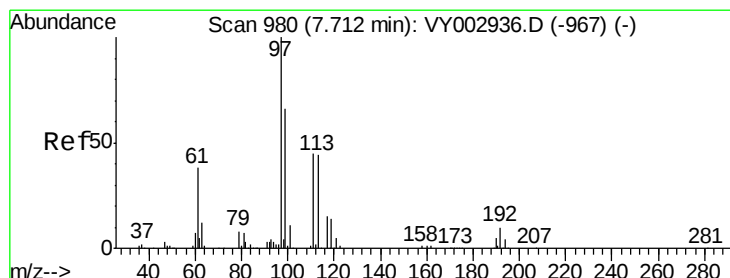
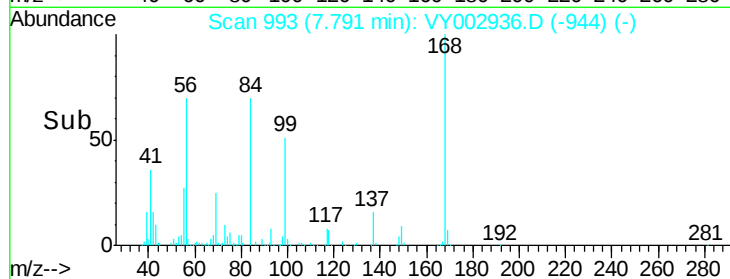
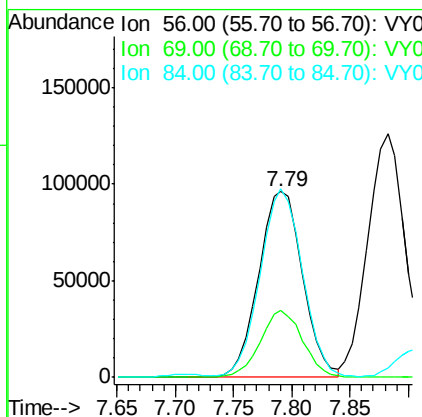
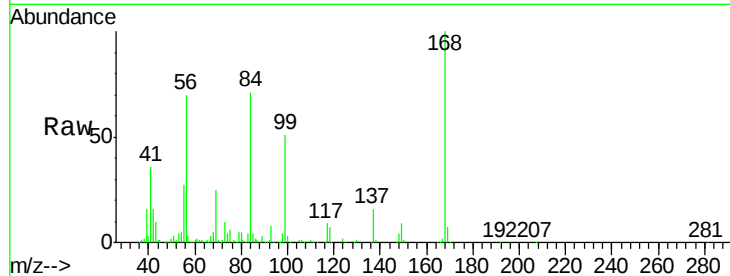
#31
Cyclohexane
Concen: 50.485 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.1	28.9	43.3
84	100.1	80.1	120.1

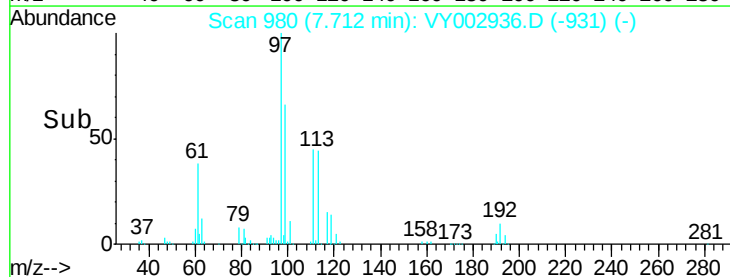
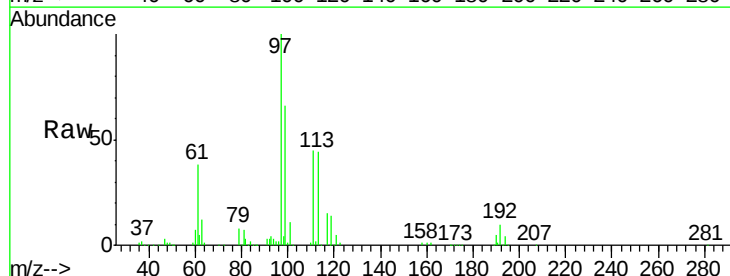
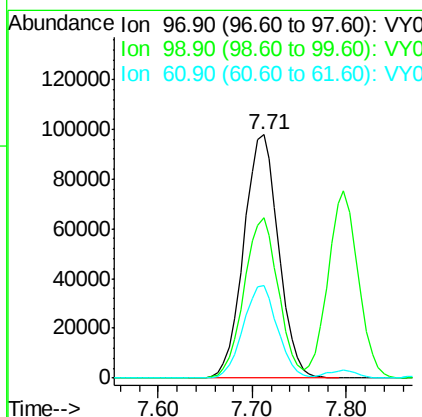
Manual Integrations
APPROVED

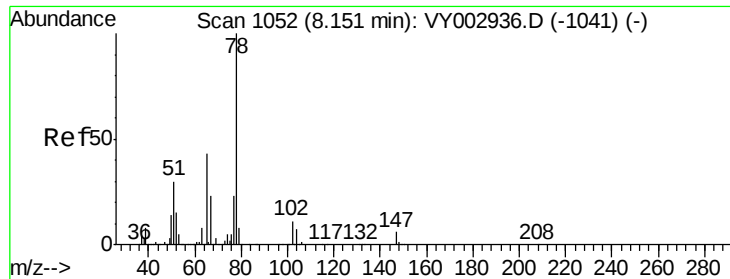
MMDadoda
6/22/2020 2:06:54 PM



#32
1,1,1-Trichloroethane
Concen: 52.151 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	37.9	30.3	45.5





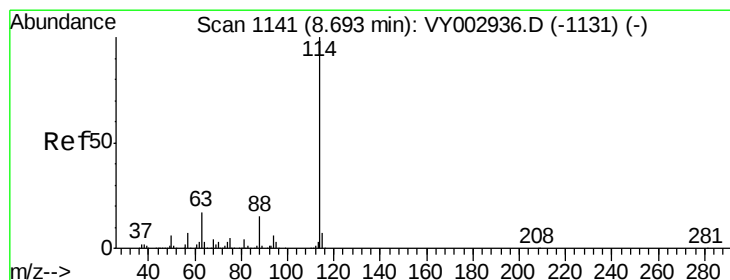
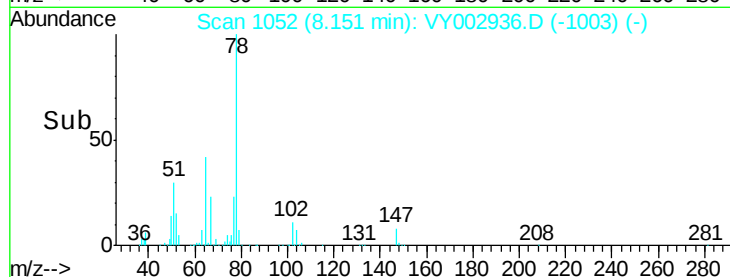
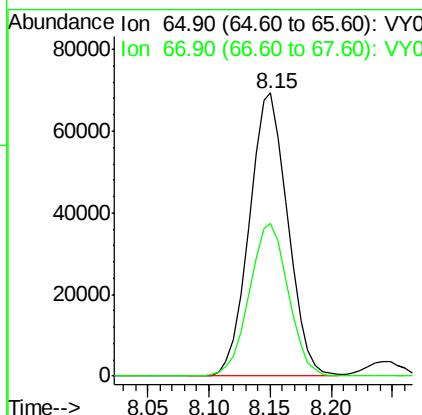
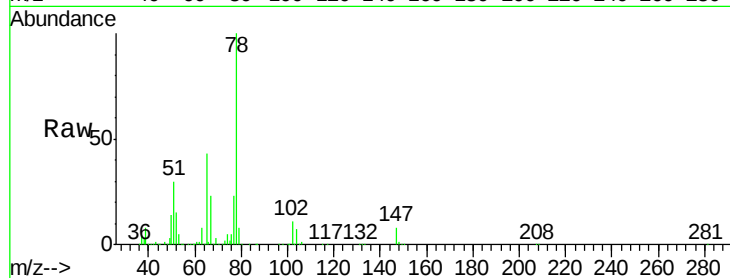
#33
 1,2-Dichloroethane-d4
 Concen: 52.478 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.7	0.0	109.4	

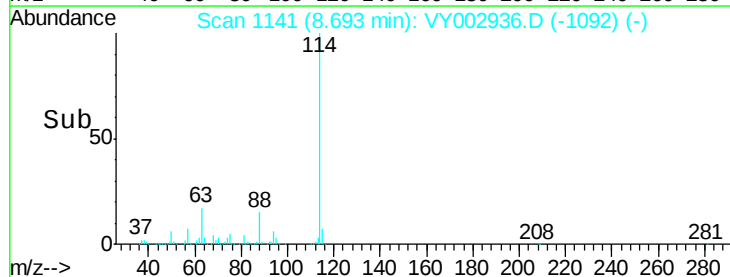
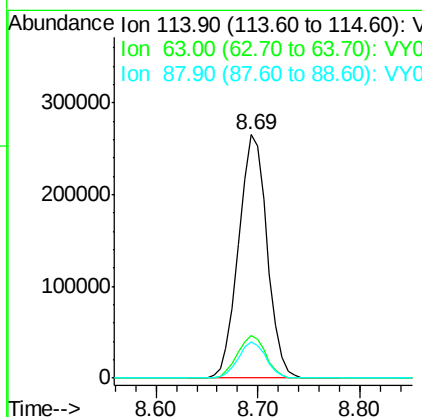
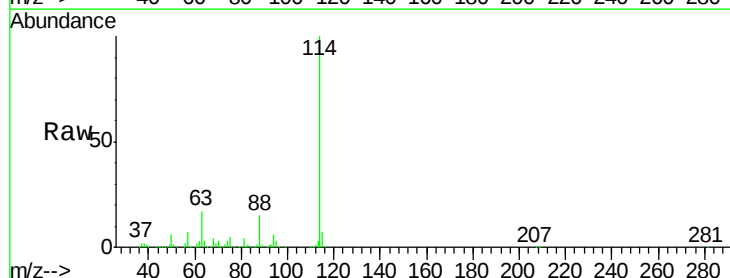
Manual Integrations
 APPROVED

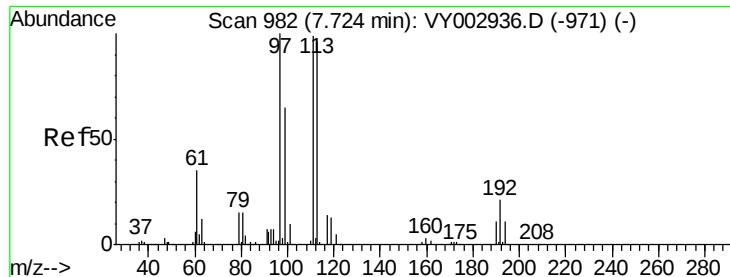
MMDadoda
 6/22/2020 2:06:54 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.3	0.0	34.6	
88	14.6	0.0	29.2	





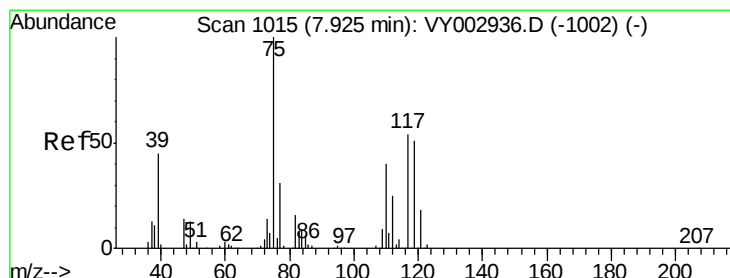
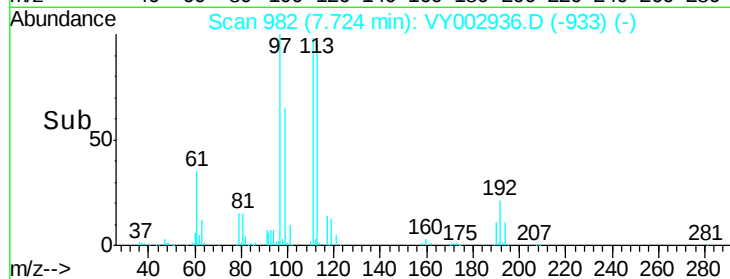
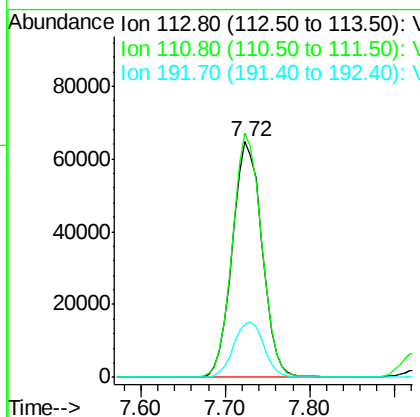
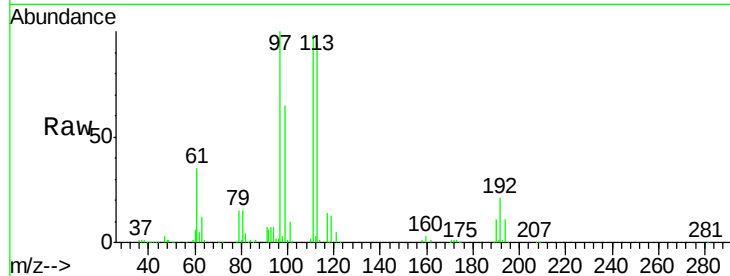
#35
 Dibromofluoromethane
 Concen: 52.456 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	24.0	19.2	28.8

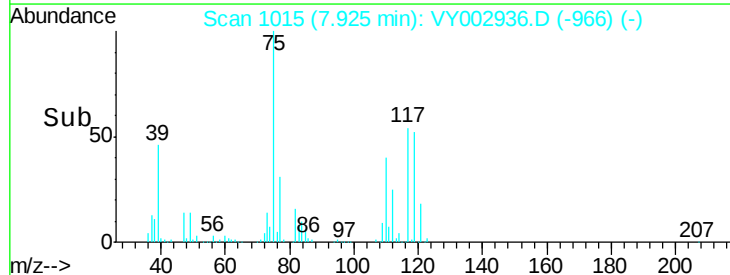
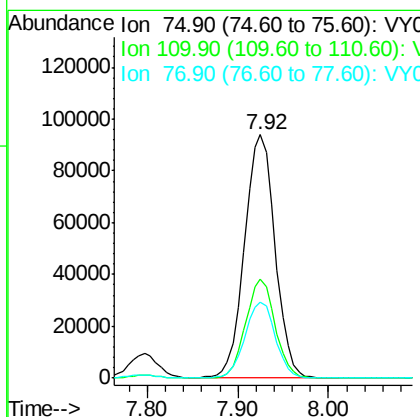
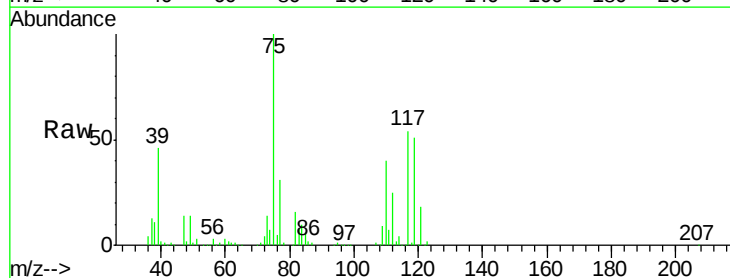
Manual Integrations
 APPROVED

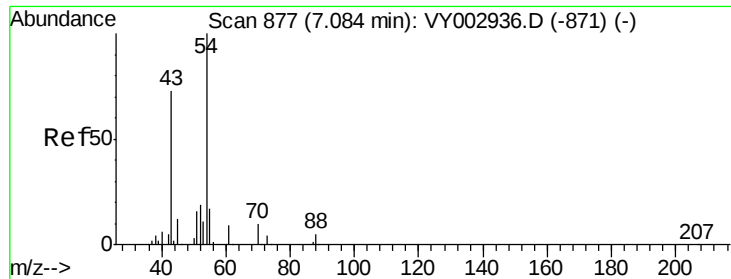
MMDadoda
 6/22/2020 2:06:54 PM



#36
 1,1-Dichloropropene
 Concen: 52.595 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	19.7	59.0
77	31.2	25.0	37.4





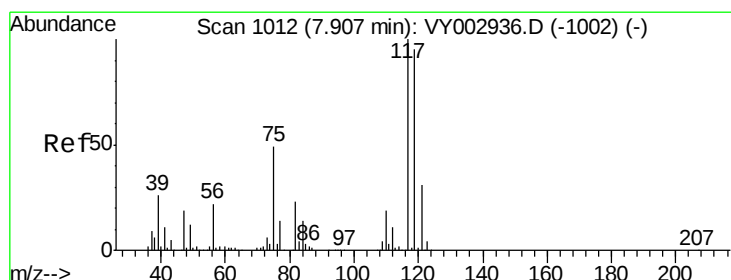
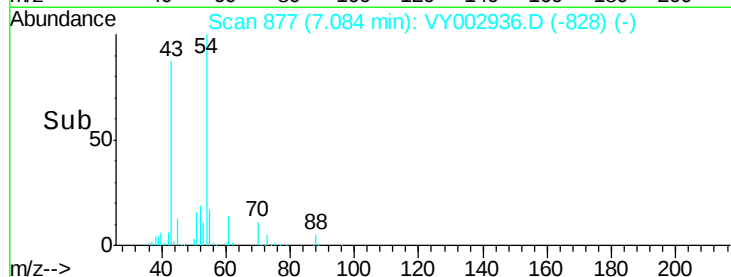
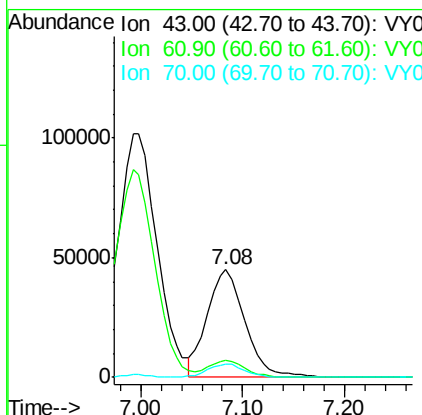
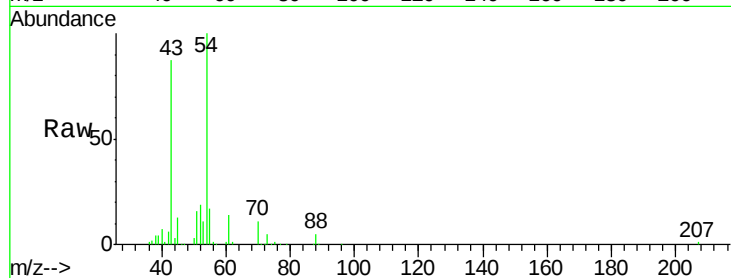
#37
Ethyl Acetate
Concen: 49.660 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	15.4	12.3	18.5	
70	12.1	9.7	14.5	

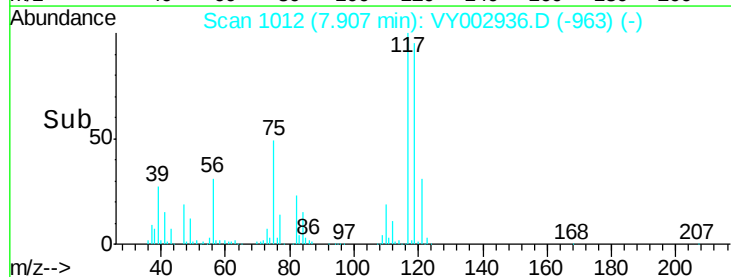
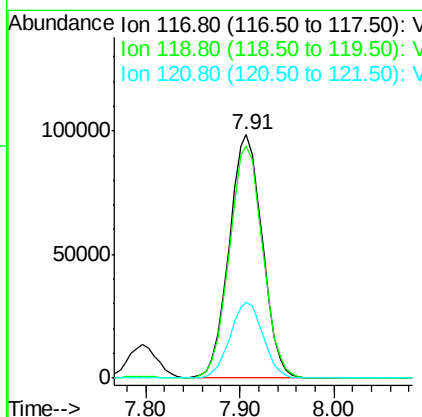
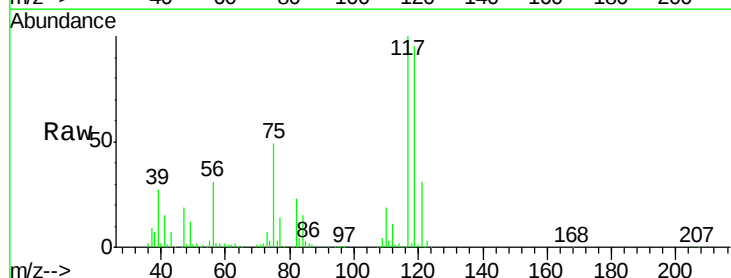
Manual Integrations
APPROVED

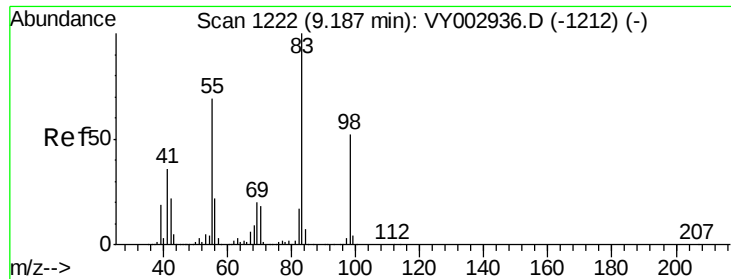
MMDadoda
6/22/2020 2:06:54 PM



#38
Carbon Tetrachloride
Concen: 52.811 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	76.1	114.1	
121	31.0	24.8	37.2	





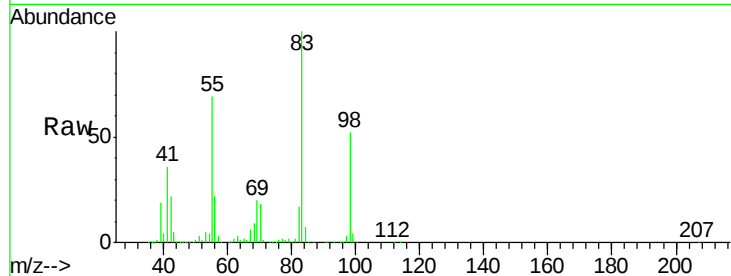
#39
Methvlcvclohexane
Concen: 53.617 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

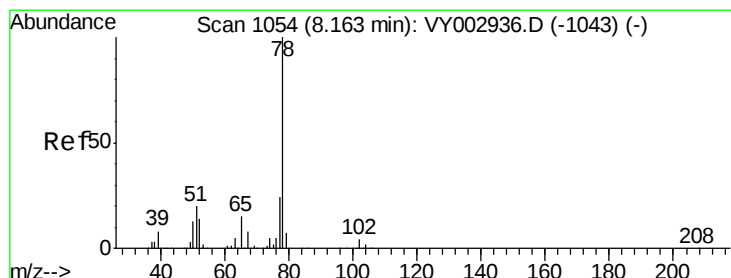
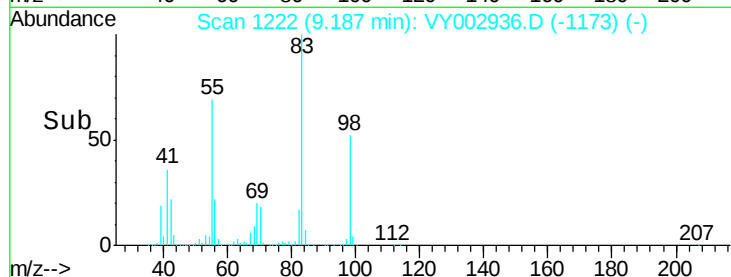
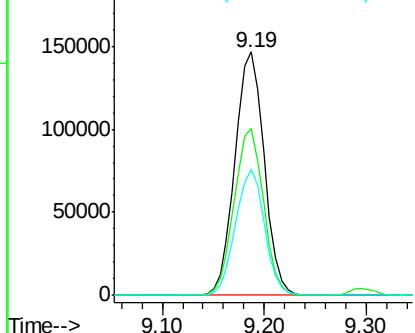
Tot Ion	Ratio	Resp	Lower	Upper
83	100	290898		
55	68.7		55.0	82.4
98	51.8		41.4	62.2

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM

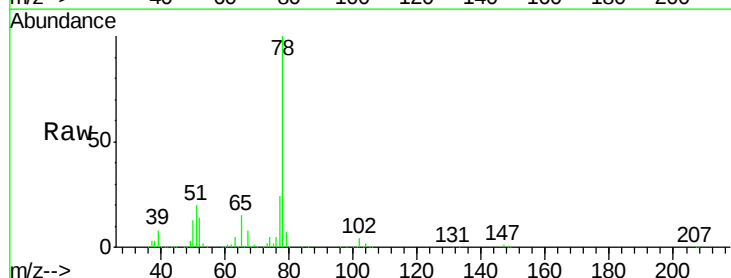


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

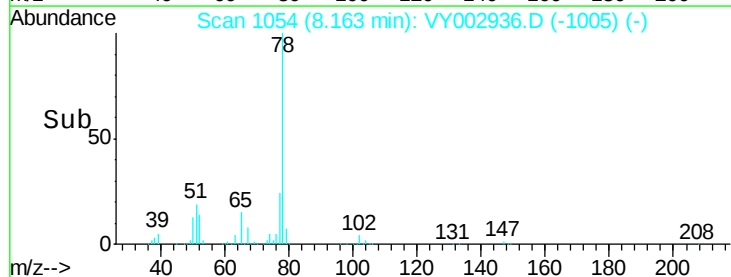
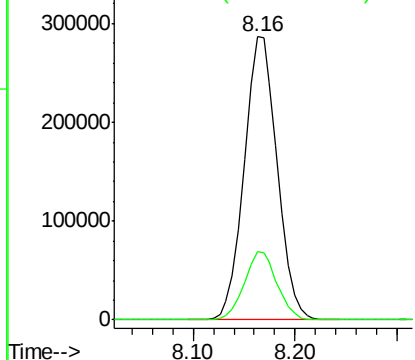


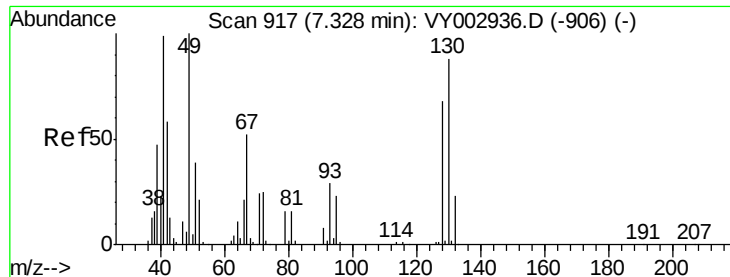
#40
Benzene
Concen: 51.783 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	644151		
77	24.1		19.3	28.9



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





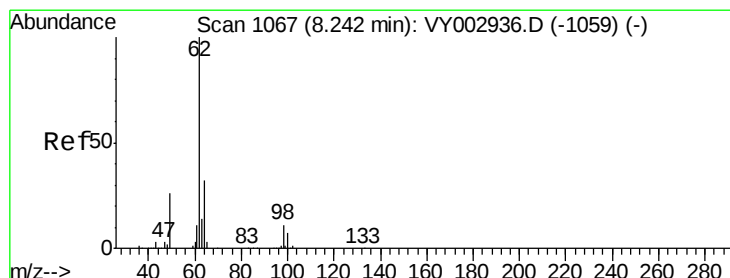
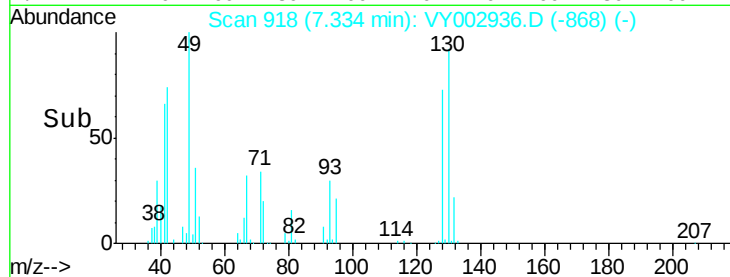
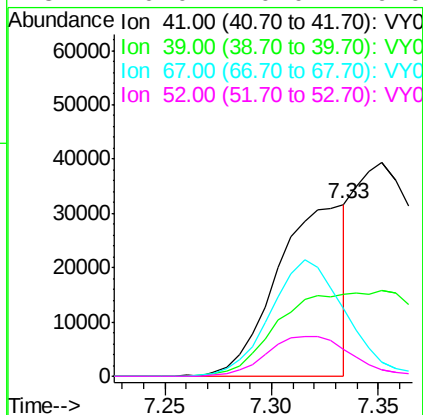
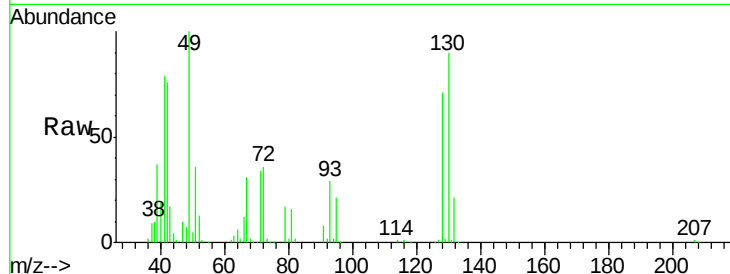
#41
Methacrylonitrile
Concen: 33.592 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	71077
Ion	Ratio	Lower	Upper
41	100		
39	101.0	96.6	144.8
67	0.0	0.0	0.0
52	0.0	0.0	0.0

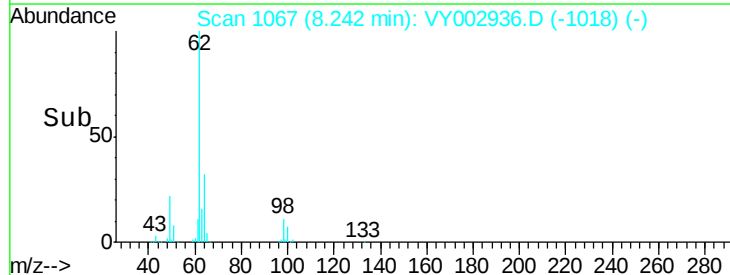
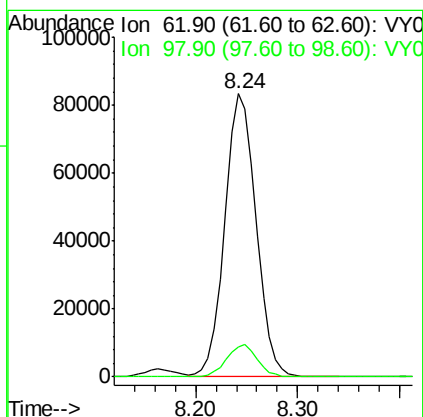
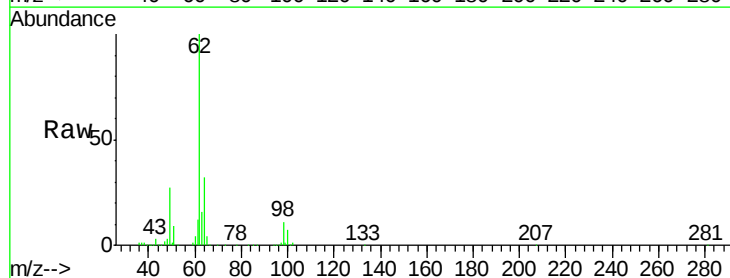
Manual Integrations
APPROVED

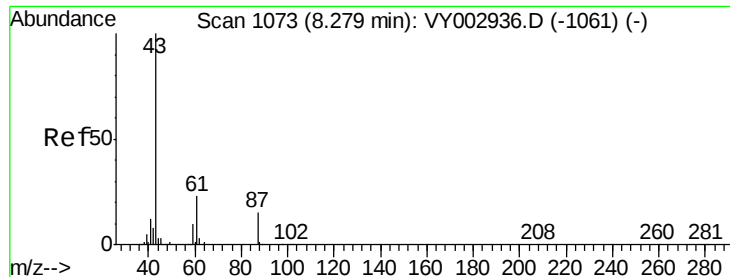
MMDadoda
6/22/2020 2:06:54 PM



#42
1,2-Dichloroethane
Concen: 51.127 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	62	Resp	176866
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6





#43

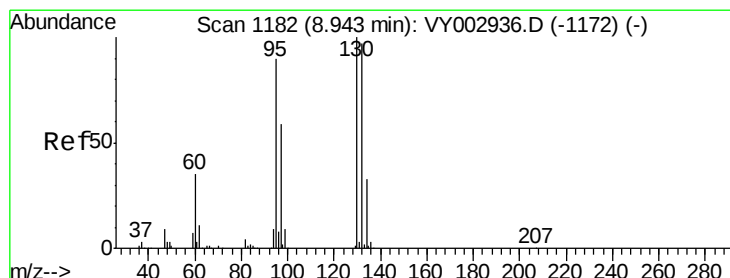
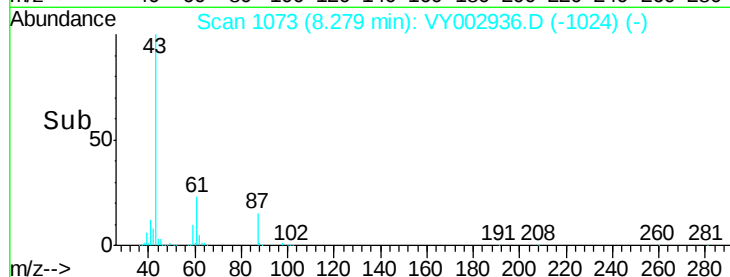
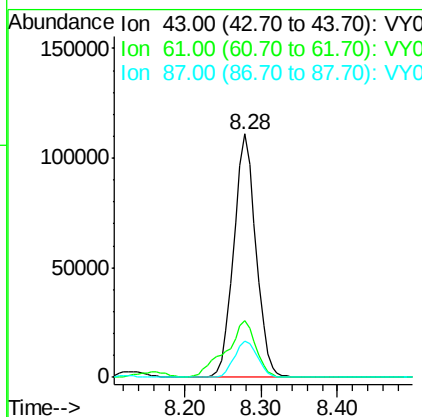
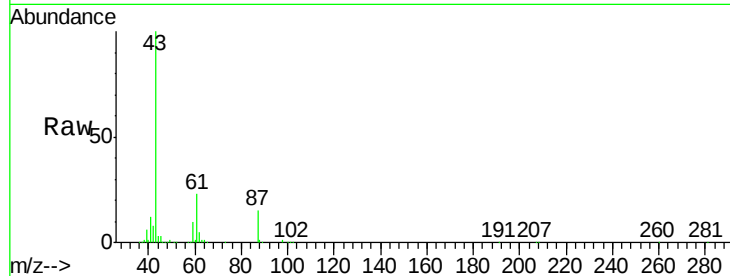
Isopropyl Acetate
 Concen: 51.900 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.2	25.0	37.4
87	15.7	12.6	18.8

Manual Integrations
 APPROVED

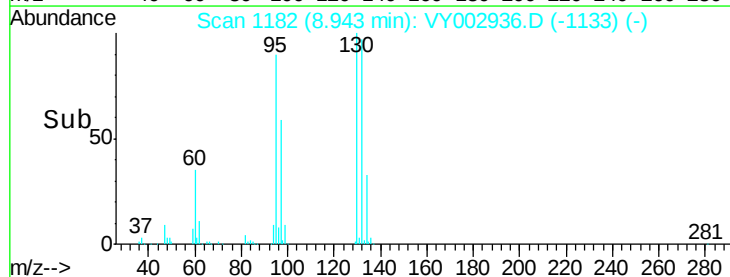
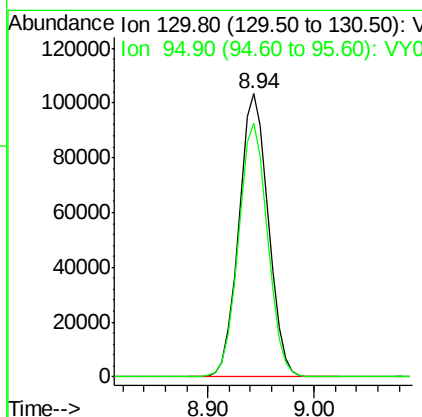
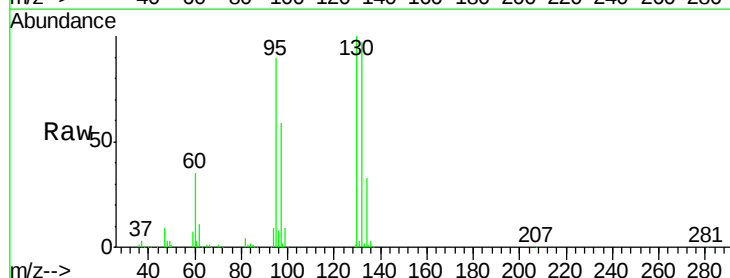
MMDadoda
 6/22/2020 2:06:54 PM

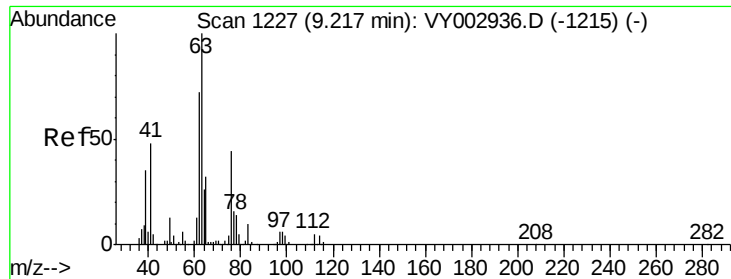


#44

Trichloroethene
 Concen: 51.931 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	179.6





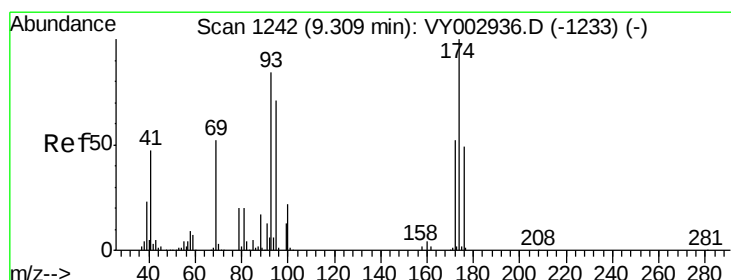
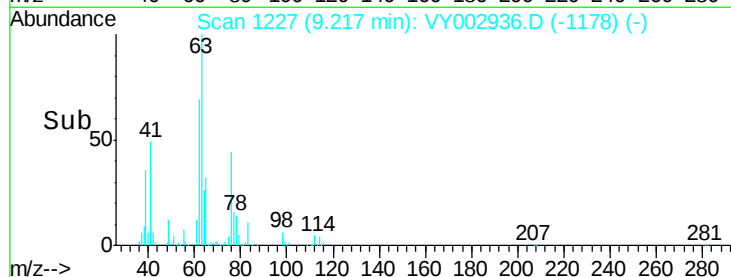
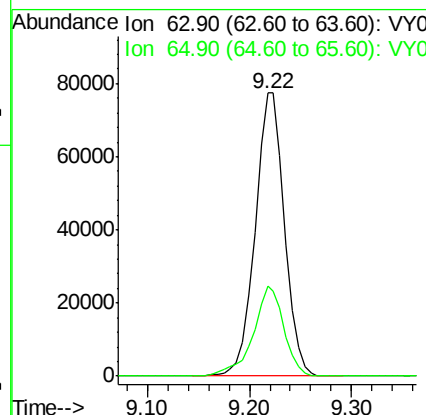
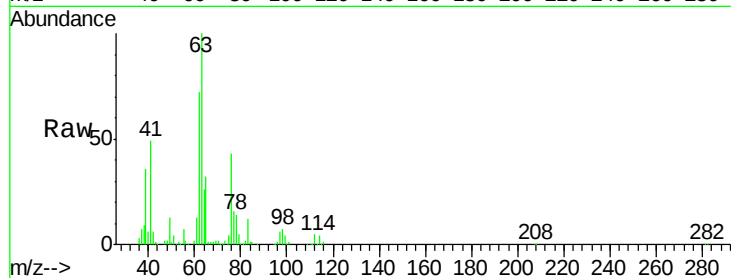
#45
 1,2-Dichloropropane
 Concen: 51.459 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3

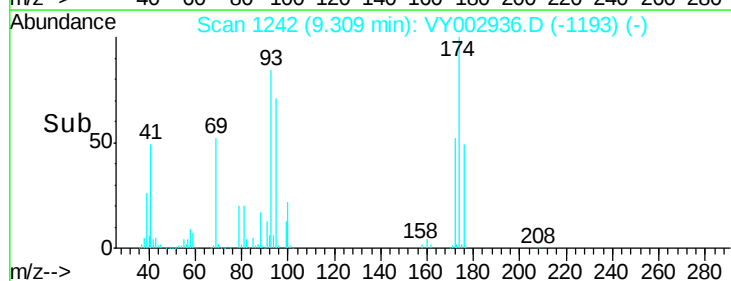
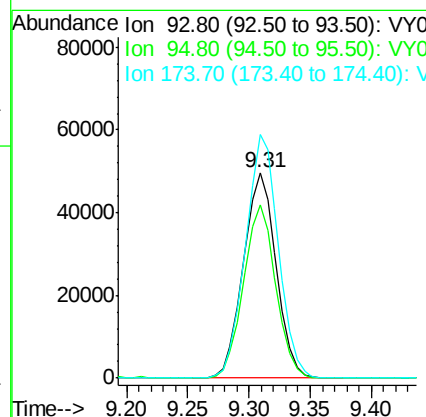
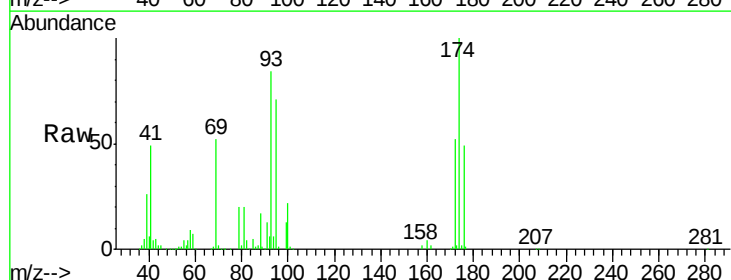
Manual Integrations
 APPROVED

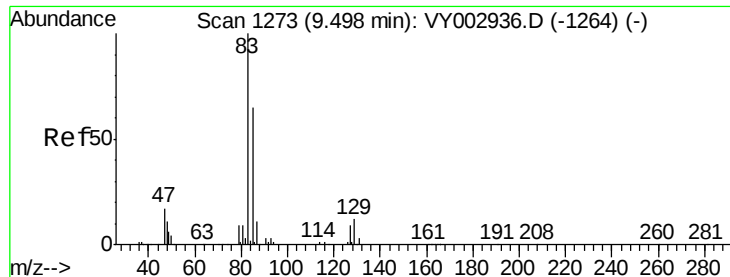
MMDadoda
 6/22/2020 2:06:54 PM



#46
 Dibromomethane
 Concen: 51.577 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	118.9	95.1	142.7





#47

Bromodichloromethane

Concen: 52.859 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

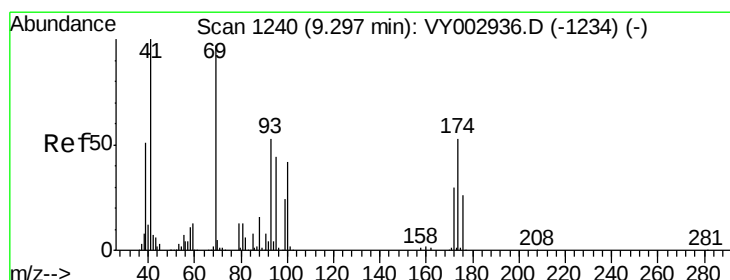
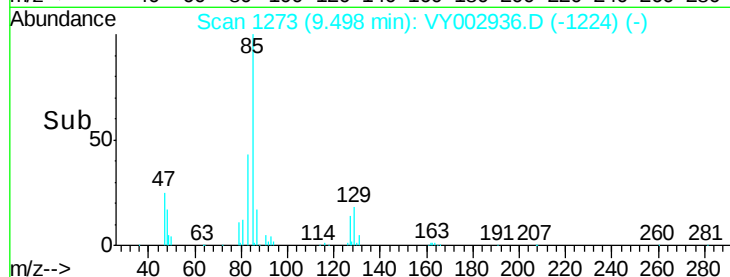
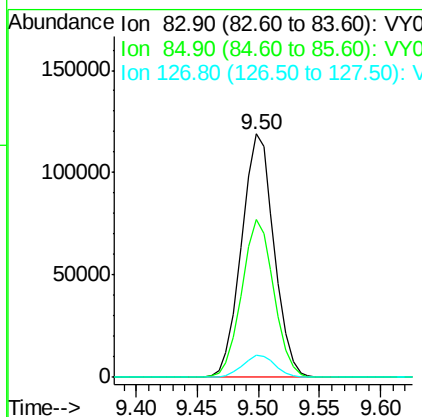
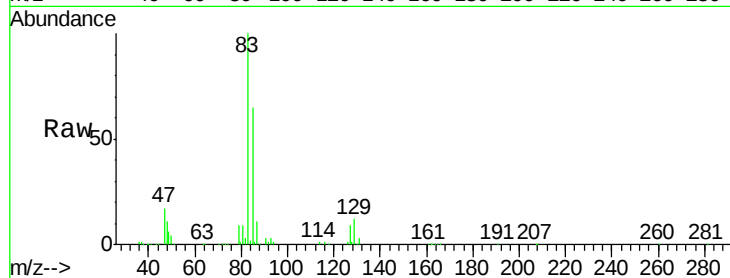
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	218920
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.9	77.9
127	9.2	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM



#48

Methyl methacrylate

Concen: 52.913 ug/l

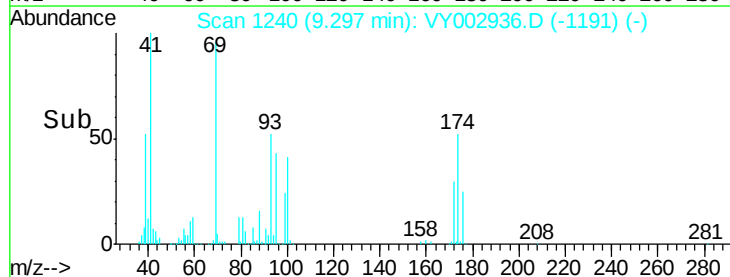
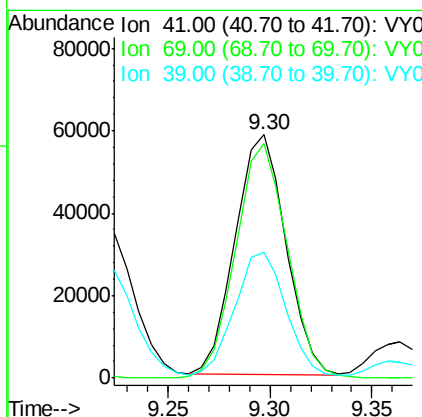
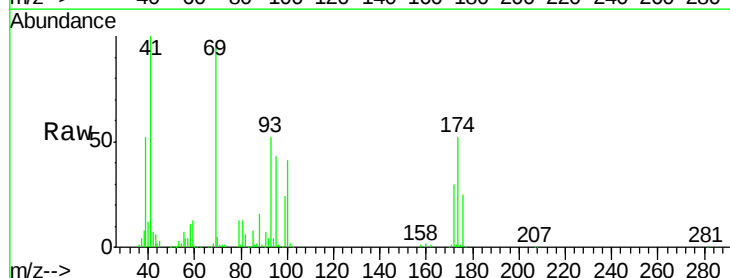
RT: 9.30 min Scan# 1240

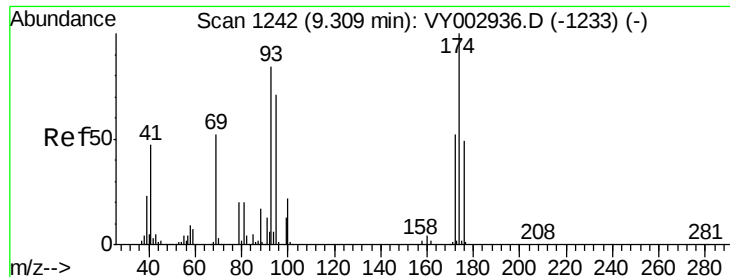
Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tgt Ion:	41	Resp:	100872
Ion Ratio	Lower	Upper	
41	100		
69	99.2	79.4	119.0
39	51.4	41.1	61.7





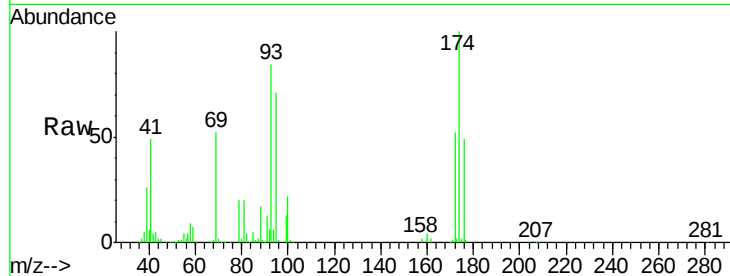
#49
1,4-Dioxane
Concen: 1010.410 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

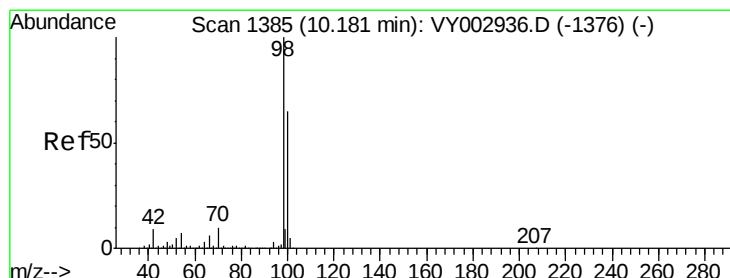
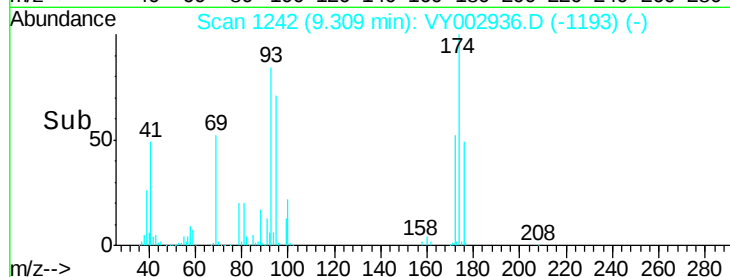
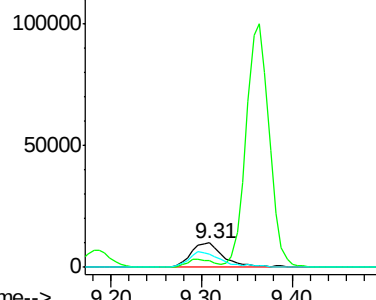
Tot Ion	Ratio	Lower	Upper
88	100		
43	26.3	21.0	31.6
58	64.4	51.5	77.3

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM

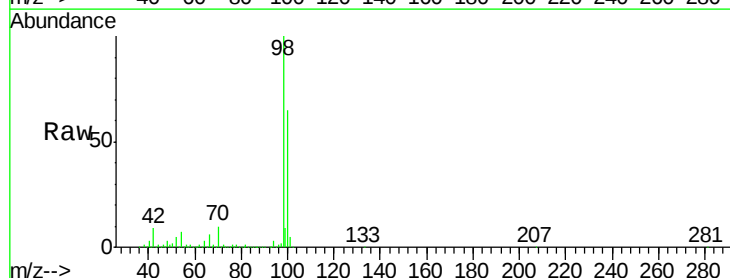


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

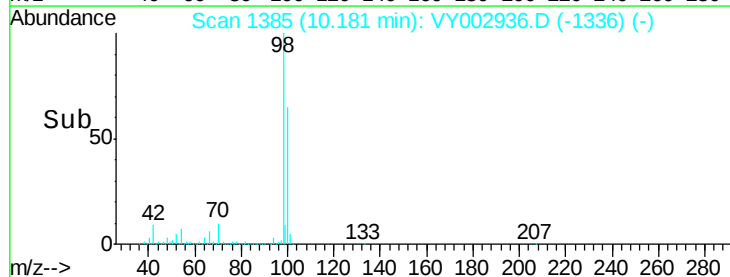
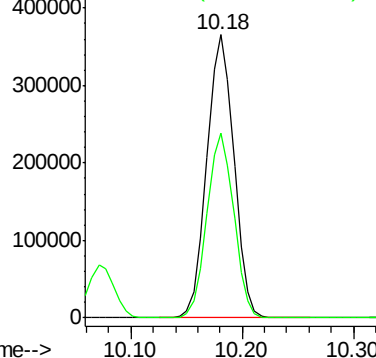


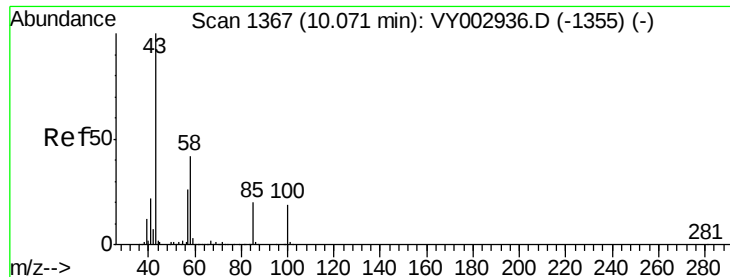
#50
Toluene-d8
Concen: 53.347 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 258.343 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 591495

Ion Ratio Lower Upper

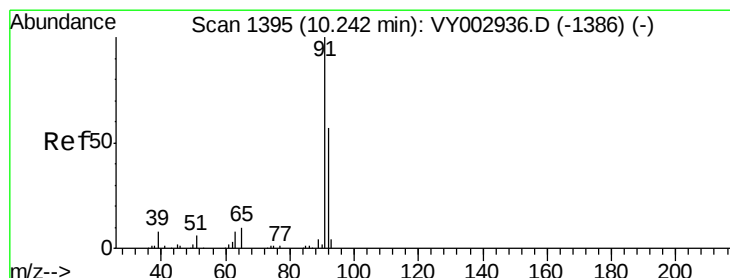
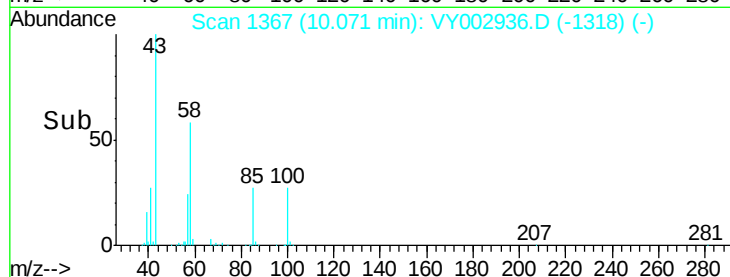
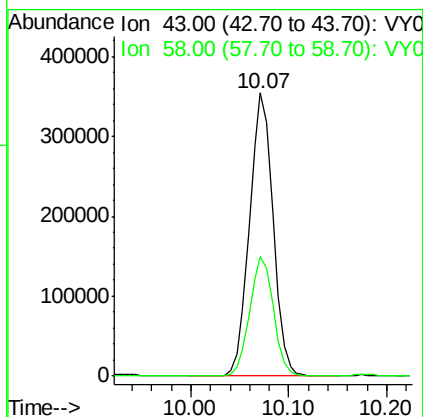
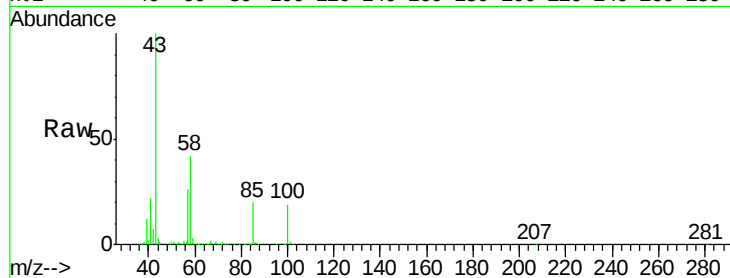
43 100

58 42.4 33.9 50.9

Manual Integrations
APPROVED

MMDadoda

6/22/2020 2:06:54 PM



#52

Toluene

Concen: 51.716 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002936.D

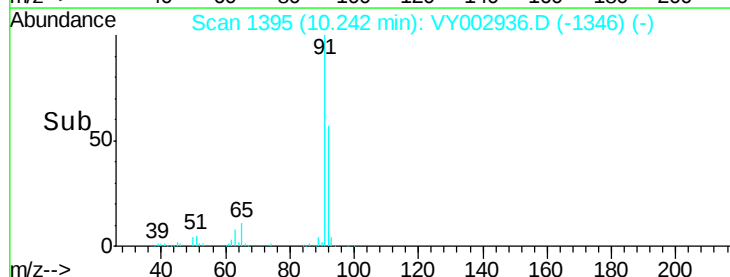
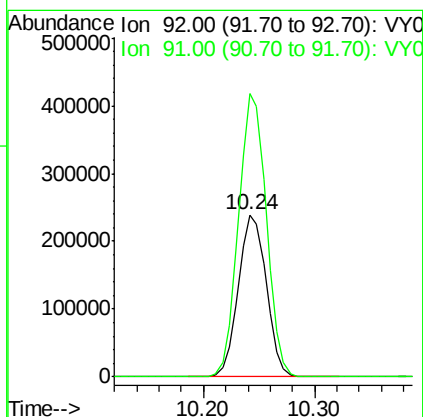
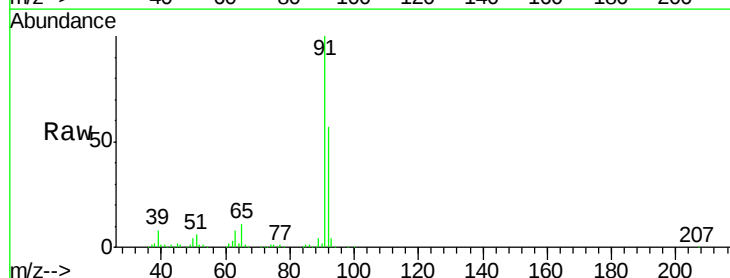
Acq: 19 Jun 2020 14:01

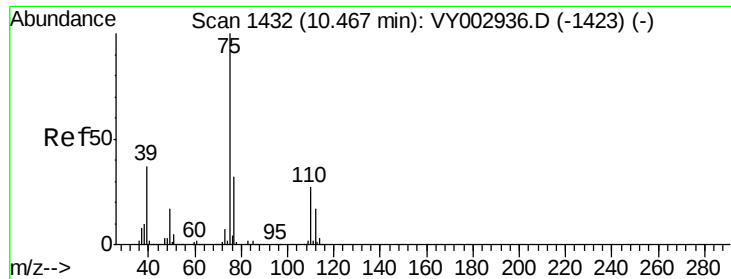
Tgt Ion: 92 Resp: 415835

Ion Ratio Lower Upper

92 100

91 174.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 52.467 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 235383

Ion Ratio Lower Upper

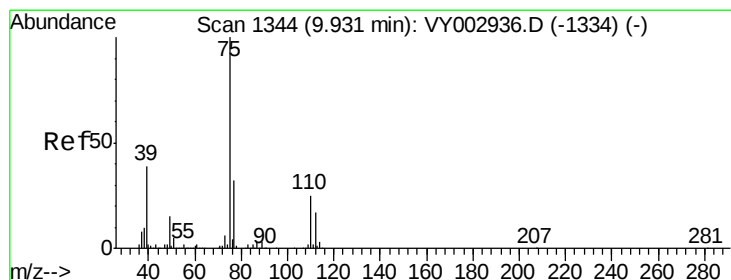
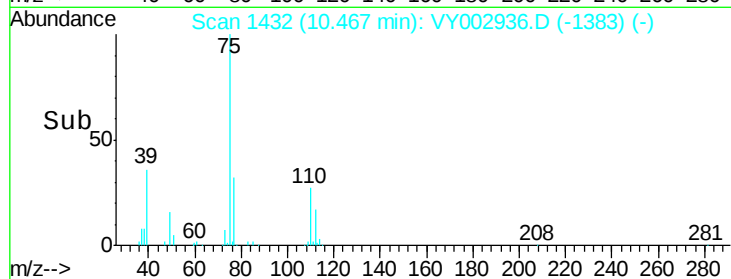
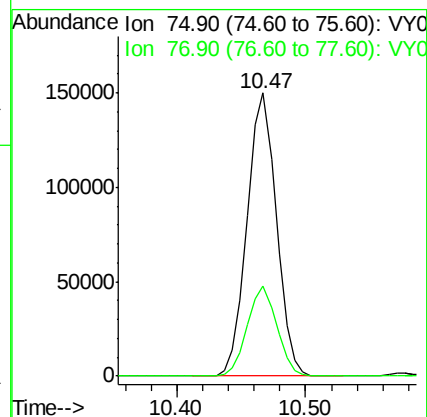
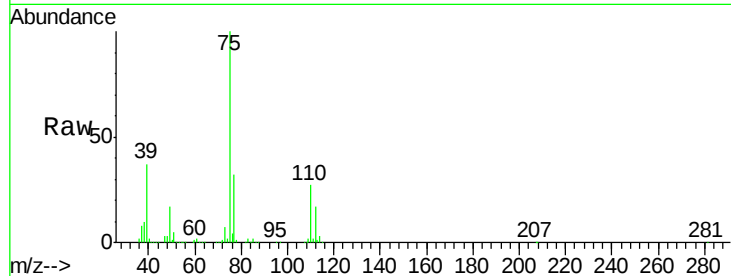
75 100

77 31.6 25.3 37.9

Manual Integrations
APPROVED

MMDadoda

6/22/2020 2:06:54 PM



#54

cis-1,3-Dichloropropene

Concen: 53.097 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

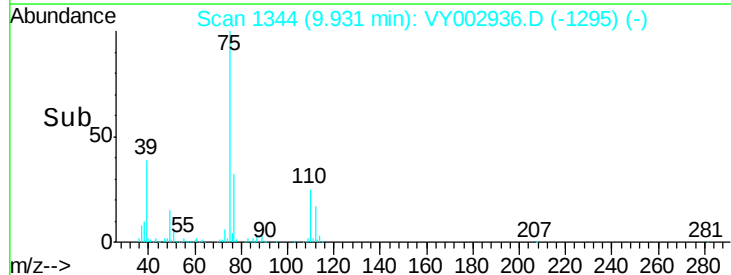
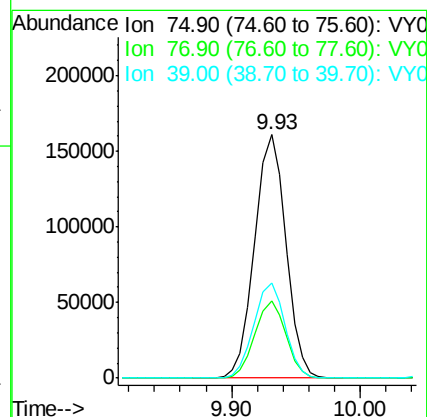
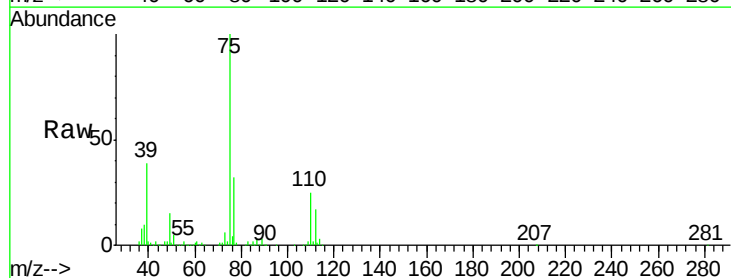
Tgt Ion: 75 Resp: 270248

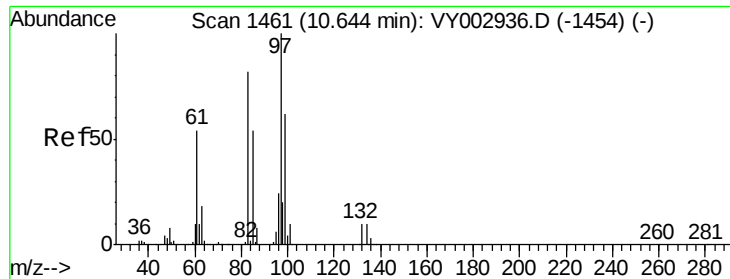
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 39.2 31.4 47.0





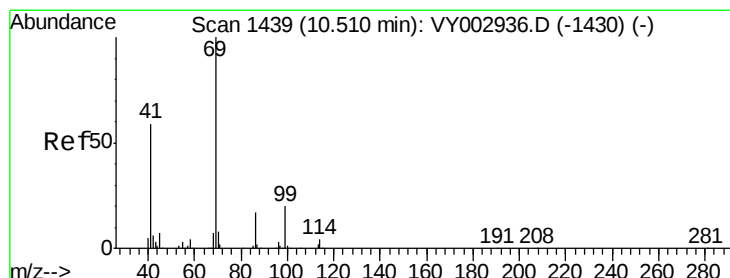
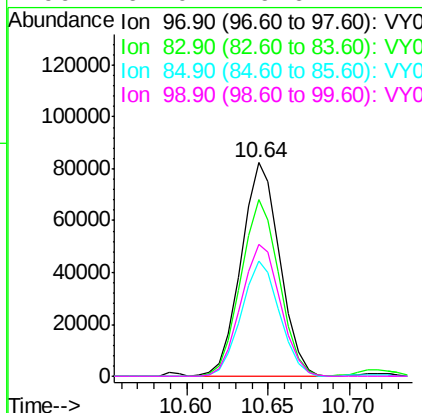
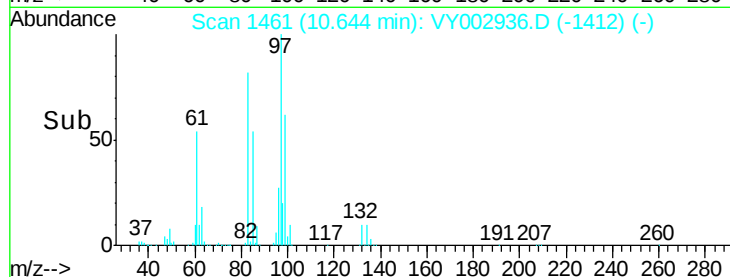
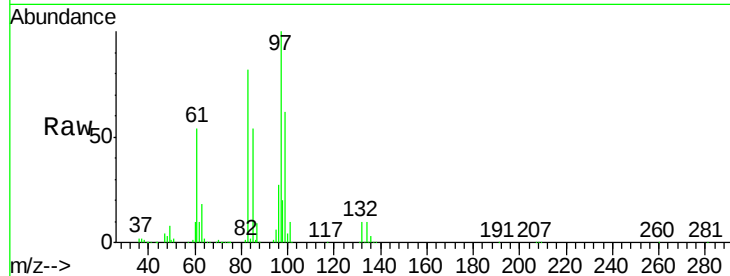
#55
 1,1,2-Trichloroethane
 Concen: 50.721 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		135948		
83	82.4	65.9	98.9		
85	53.9	43.1	64.7		
99	62.0	49.6	74.4		

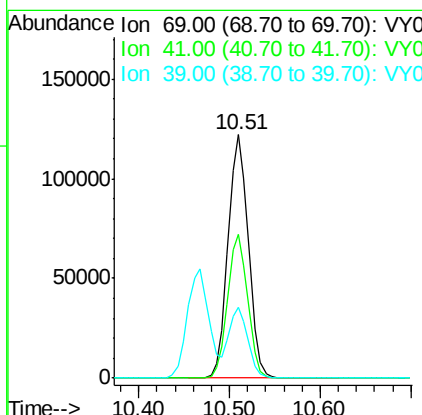
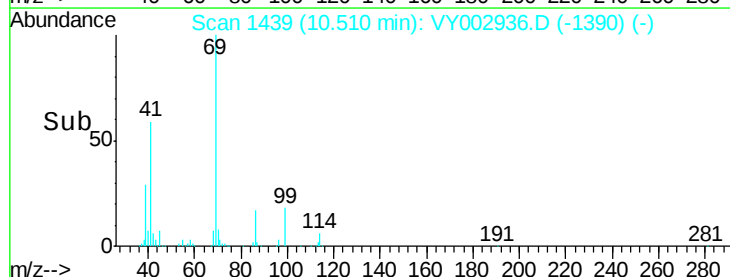
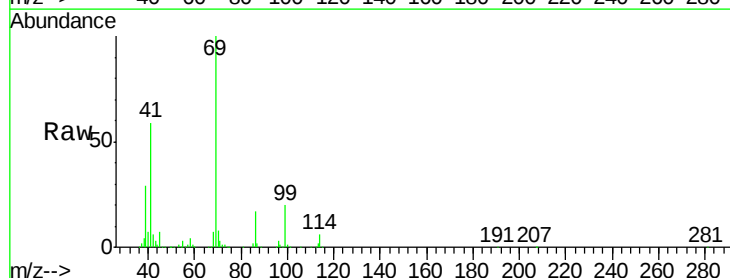
Manual Integrations
 APPROVED

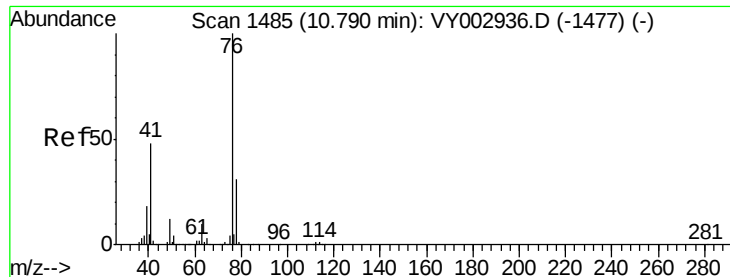
MMDadoda
 6/22/2020 2:06:54 PM



#56
 Ethyl methacrylate
 Concen: 53.656 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		189423		
41	58.0	46.4	69.6		
39	26.7	21.4	32.0		





#57

1,3-Dichloropropane

Concen: 51.304 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 229512

Ion Ratio Lower Upper

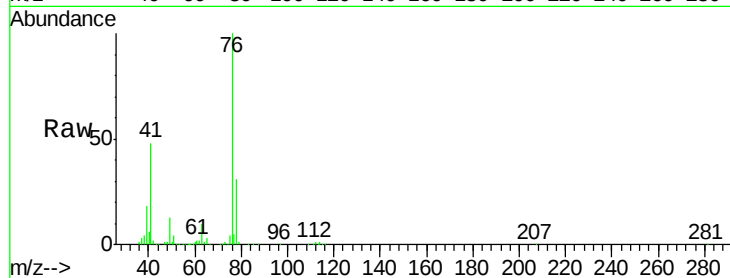
76 100

78 31.8 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

6/22/2020 2:06:54 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

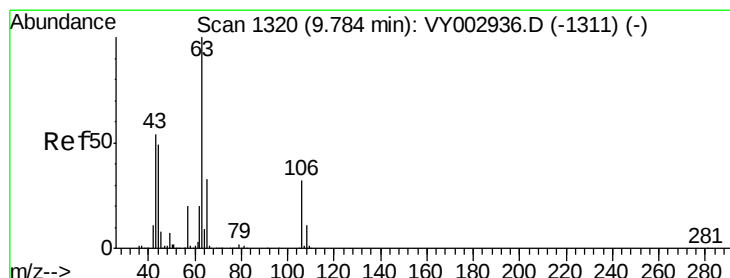
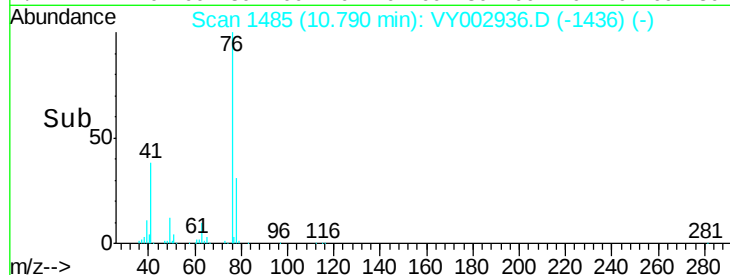
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 278.673 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002936.D

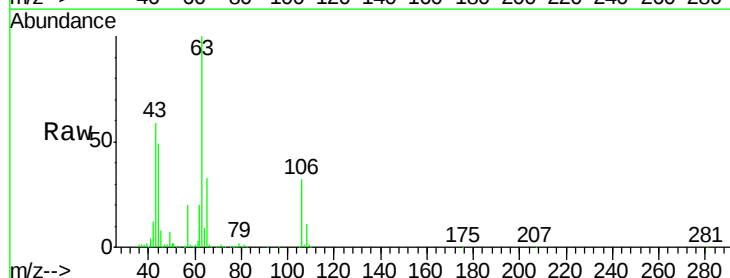
Acq: 19 Jun 2020 14:01

Tgt Ion: 63 Resp: 492241

Ion Ratio Lower Upper

63 100

106 32.0 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

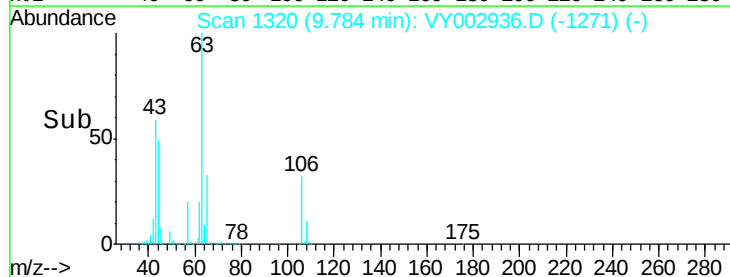
300000

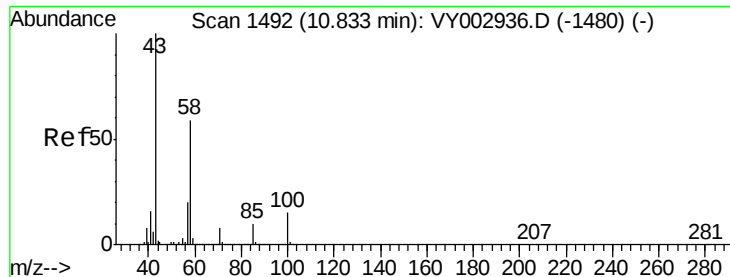
200000

100000

0

Time-->





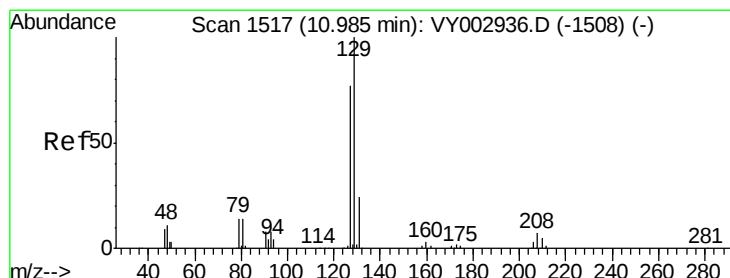
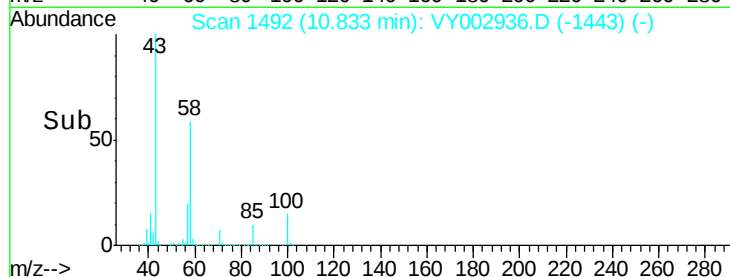
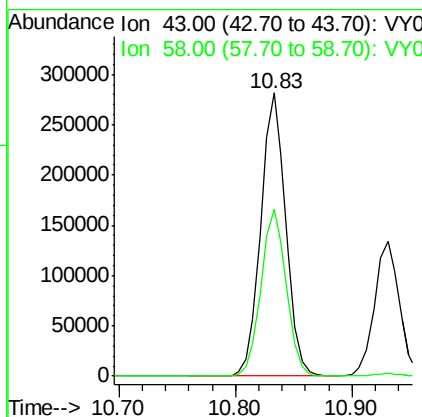
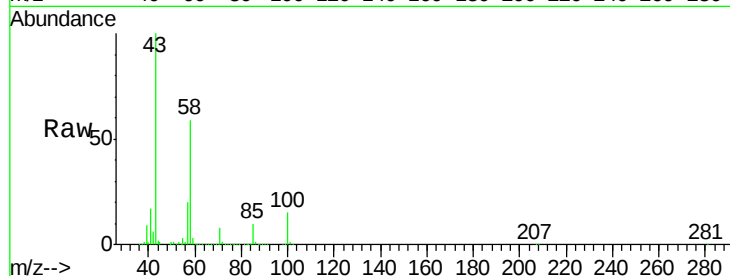
#59
2-Hexanone
Concen: 263.393 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 421446
Ion Ratio Lower Upper
43 100
58 59.4 29.7 89.1

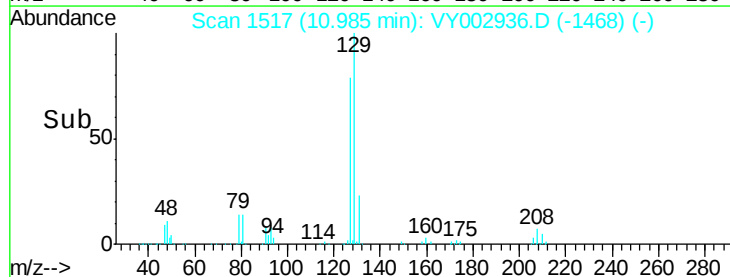
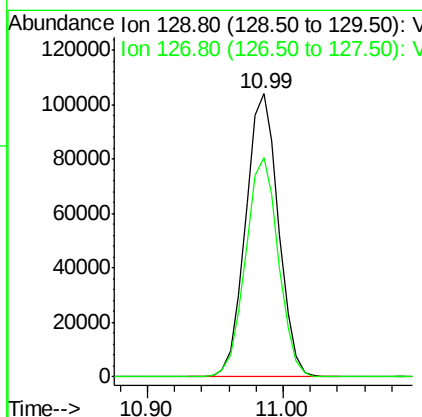
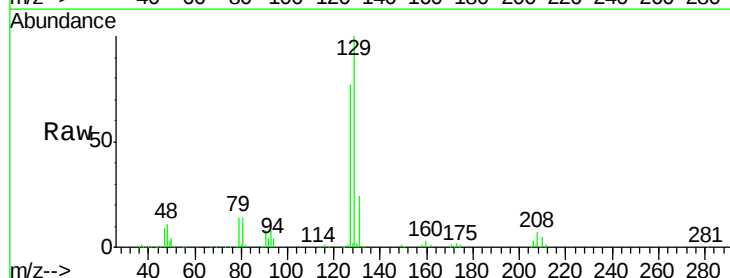
Manual Integrations
APPROVED

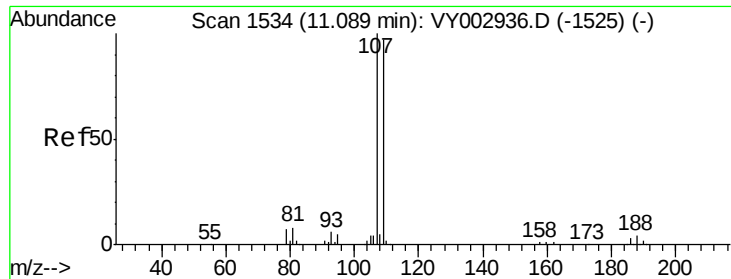
MMDadoda
6/22/2020 2:06:54 PM



#60
Dibromochloromethane
Concen: 51.859 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 129 Resp: 175526
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





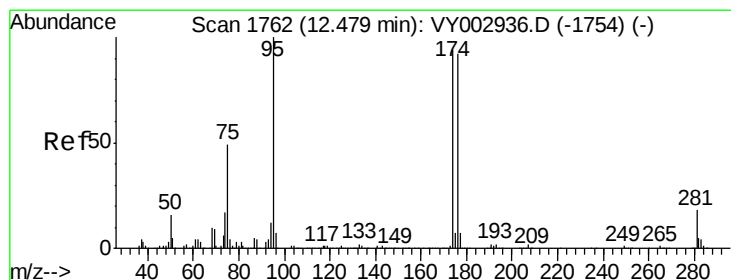
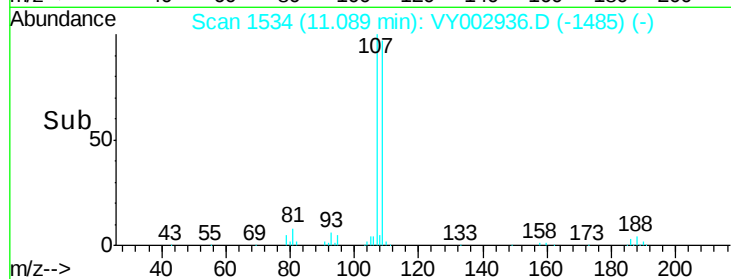
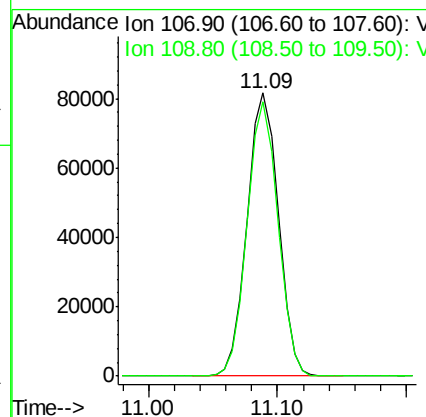
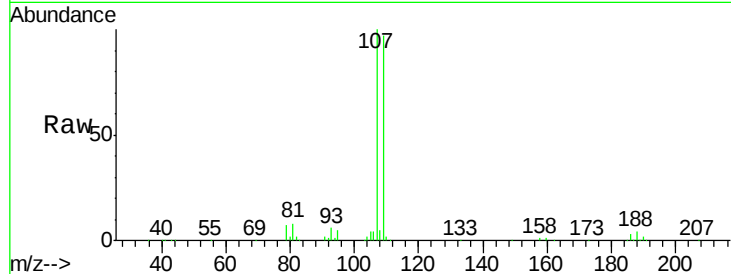
#61
 1,2-Dibromoethane
 Concen: 51.720 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	76.6	114.8

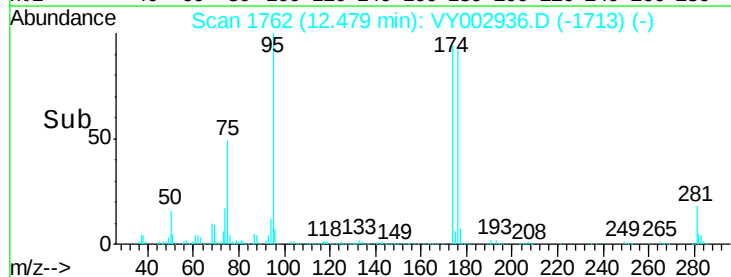
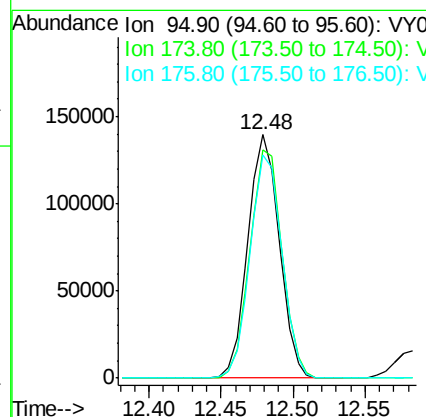
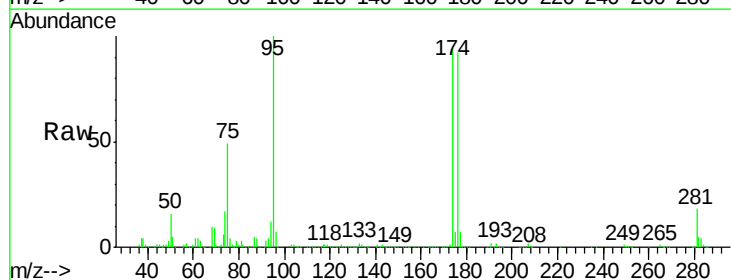
Manual Integrations
 APPROVED

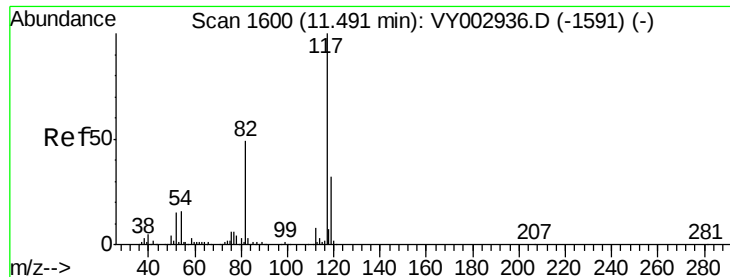
MMDadoda
 6/22/2020 2:06:54 PM



#62
 4-Bromofluorobenzene
 Concen: 51.955 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	191.2
176	93.0	0.0	186.0





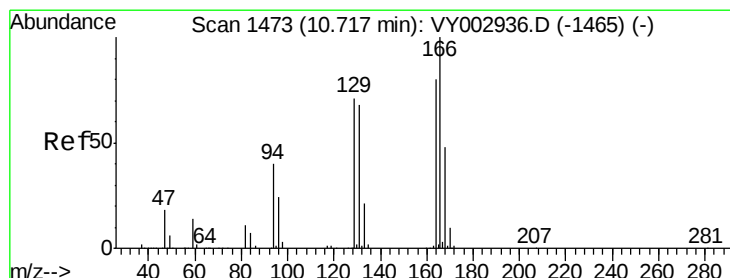
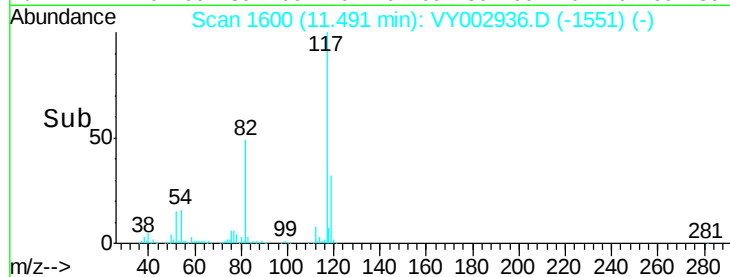
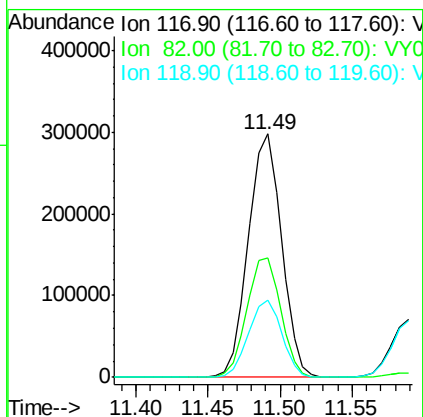
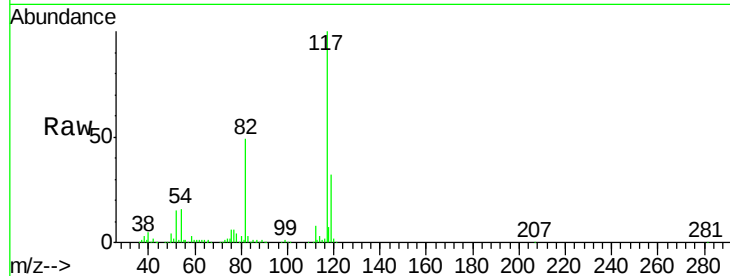
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	475458		
82	49.2		39.4	59.0
119	31.7		25.4	38.0

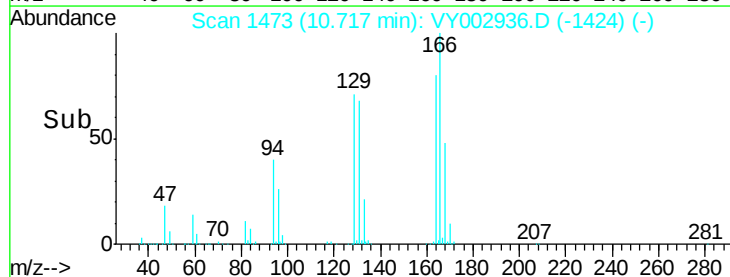
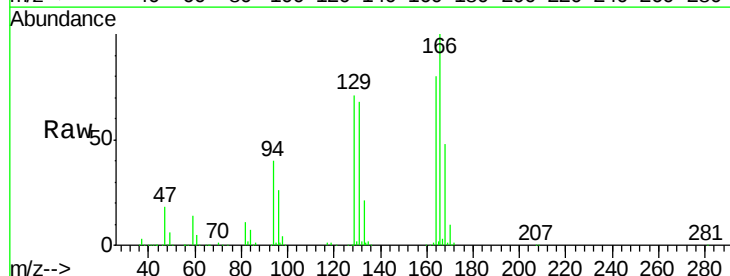
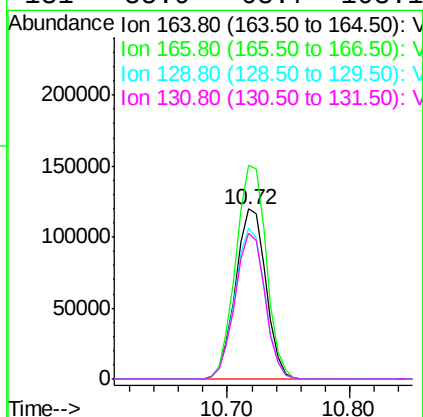
Manual Integrations
APPROVED

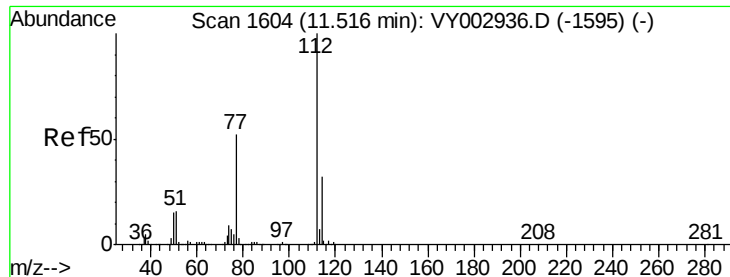
MMDadoda
6/22/2020 2:06:54 PM



#64
Tetrachloroethene
Concen: 50.966 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205161		
166	125.6		100.5	150.7
129	88.9		71.1	106.7
131	85.9		68.7	103.1





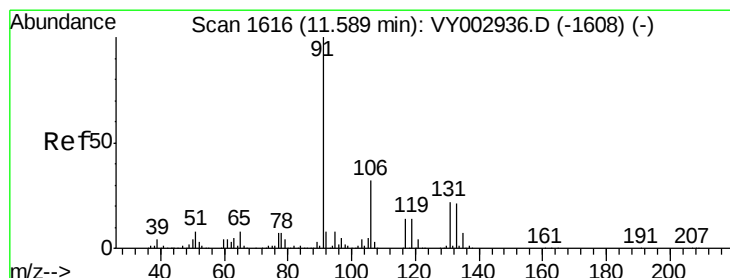
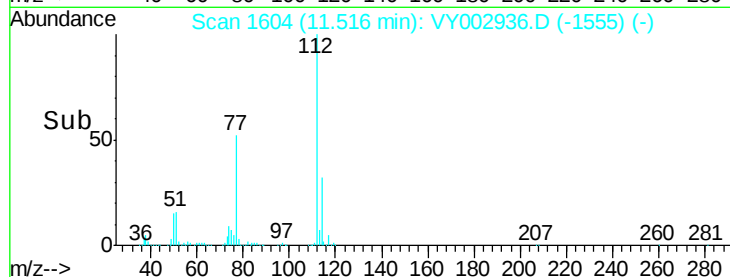
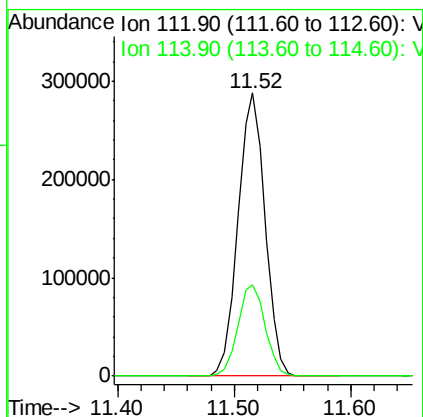
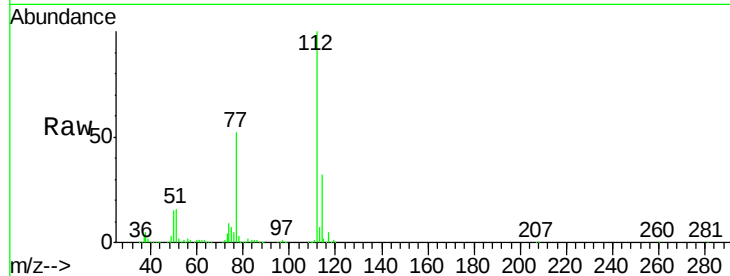
#65
Chlorobenzene
Concen: 51.587 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0

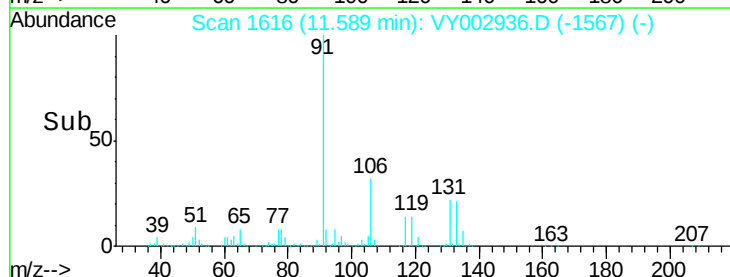
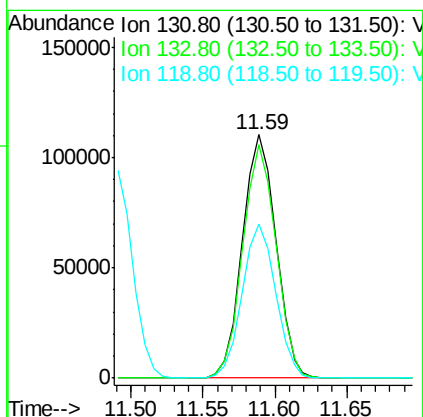
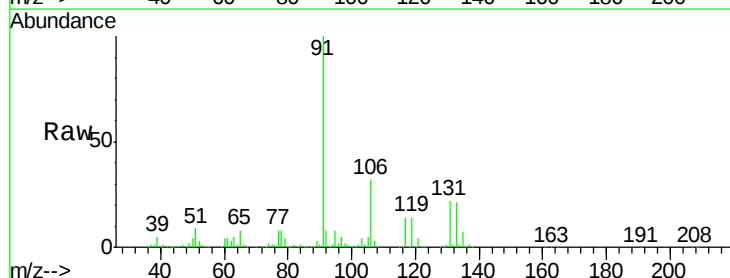
Manual Integrations
APPROVED

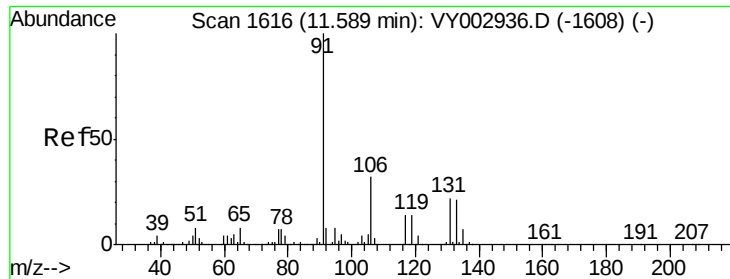
MMDadoda
6/22/2020 2:06:54 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.468 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.7	143.1
119	63.0	31.5	94.5





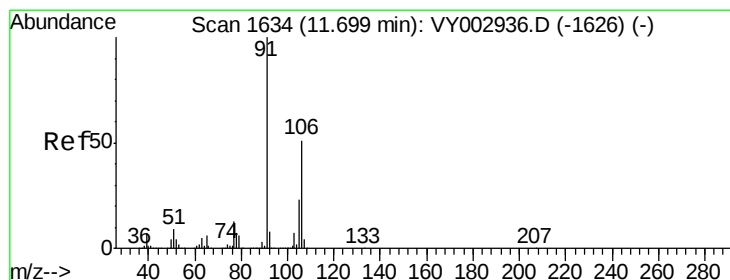
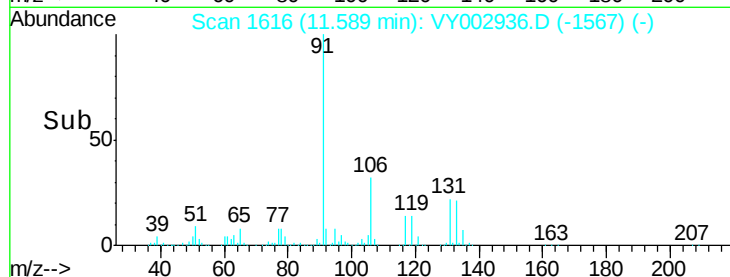
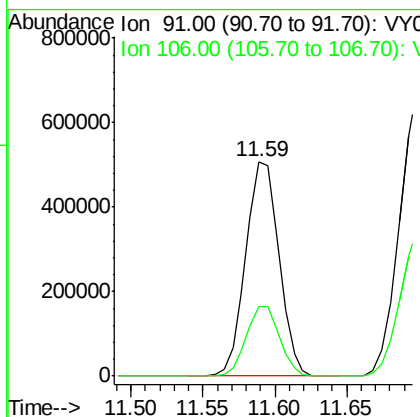
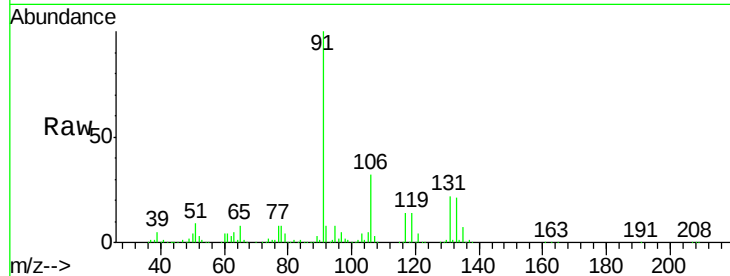
#67
Ethyl Benzene
Concen: 52.414 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 812313
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8

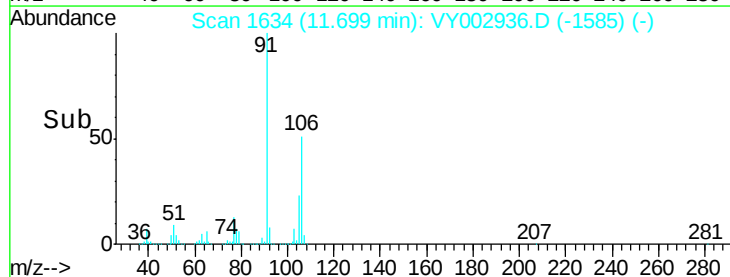
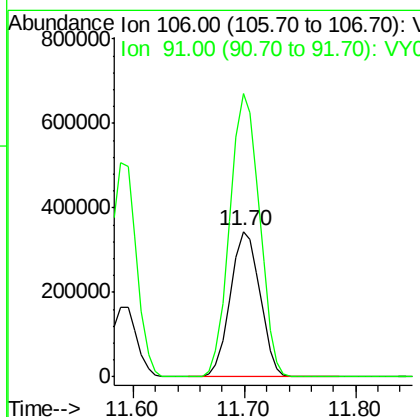
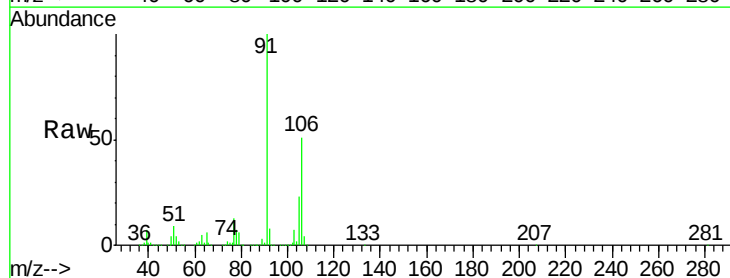
Manual Integrations
APPROVED

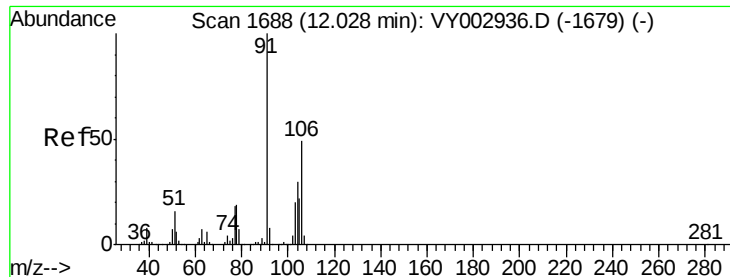
MMDadoda
6/22/2020 2:06:54 PM



#68
m/p-Xylenes
Concen: 105.434 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 106 Resp: 634842
Ion Ratio Lower Upper
106 100
91 194.9 155.9 233.9





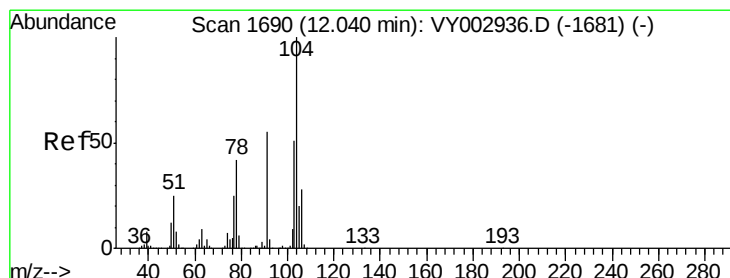
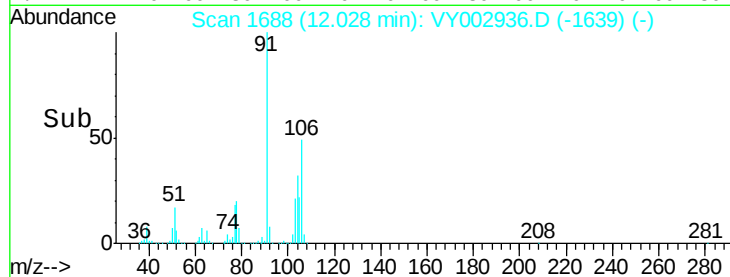
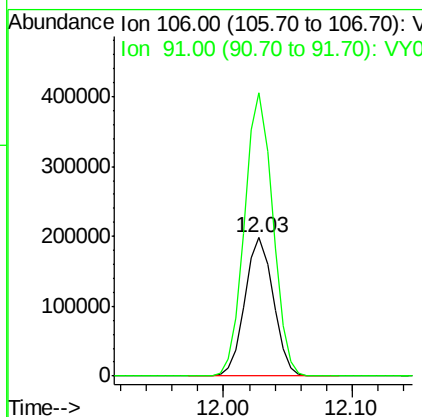
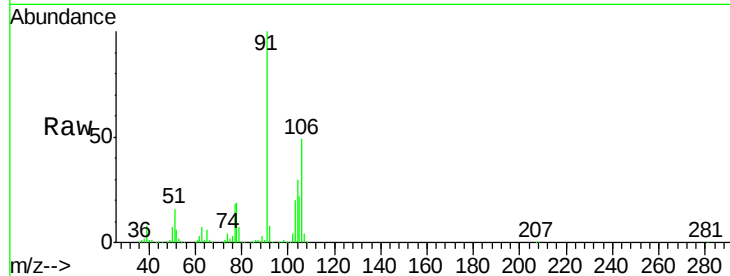
#69
o-Xylene
Concen: 52.956 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	204.1	102.1	306.1

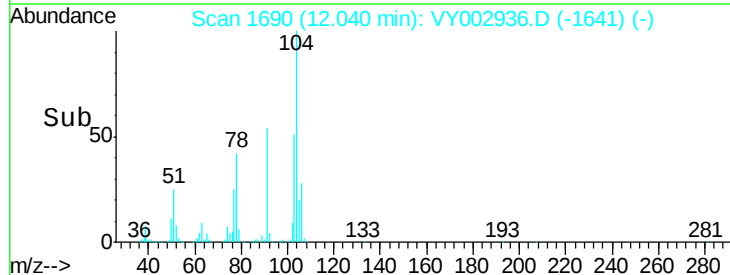
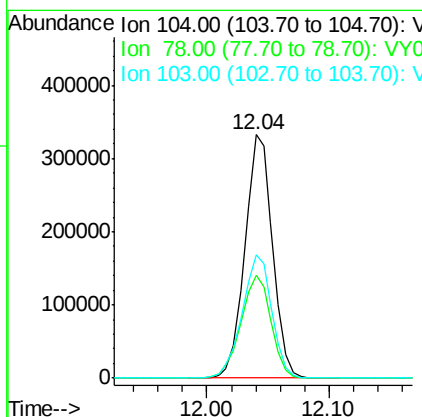
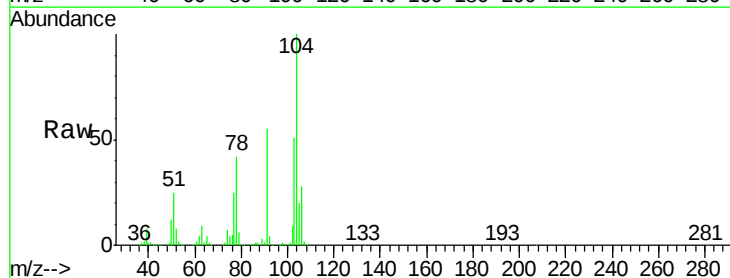
Manual Integrations
APPROVED

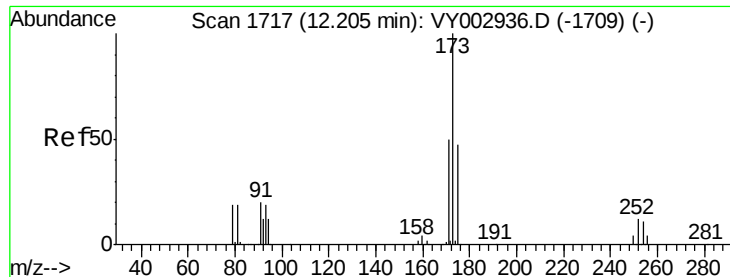
MMDadoda
6/22/2020 2:06:54 PM



#70
Styrene
Concen: 53.160 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	46.1	36.9	55.3
103	103	54.6	43.7	65.5





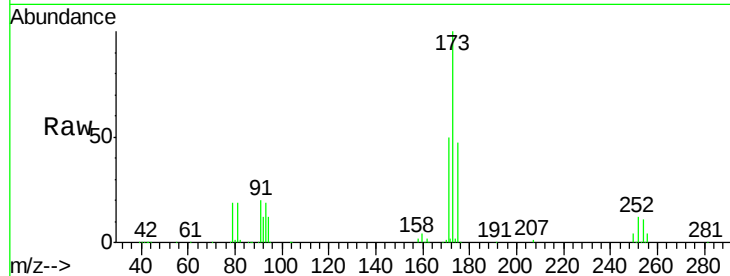
#71
Bromoform
Concen: 52.786 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

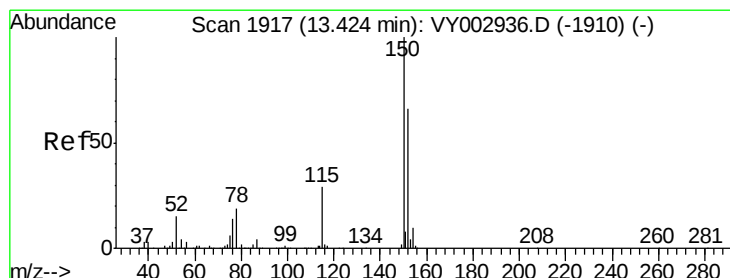
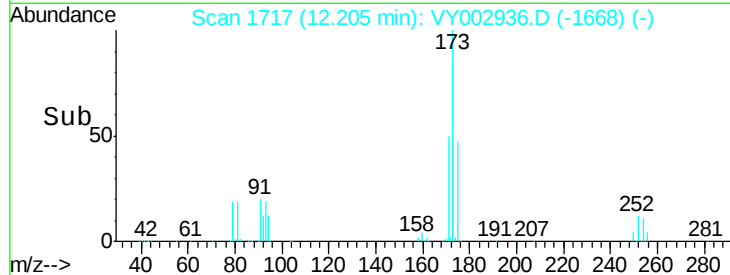
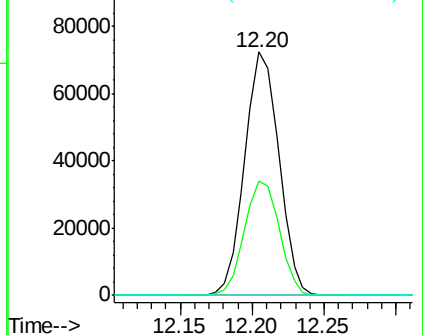
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.8
254	0.1	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM

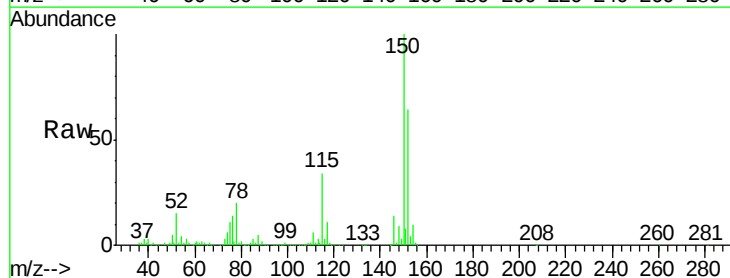


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

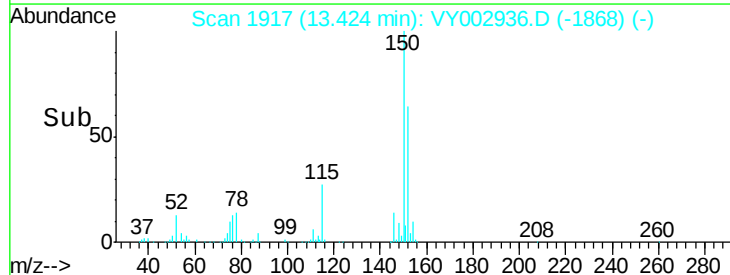
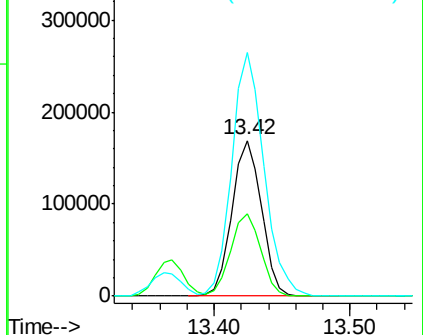


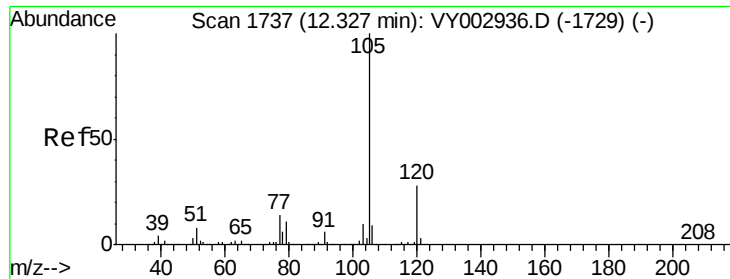
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.9	80.6
150	170.9	0.0	341.8



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





#73

Isopropylbenzene

Concen: 52.166 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 810887

Ion Ratio Lower Upper

105 100

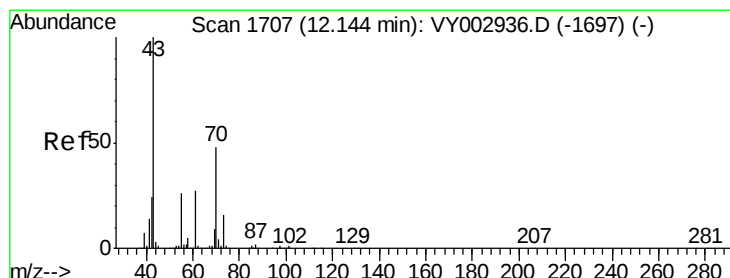
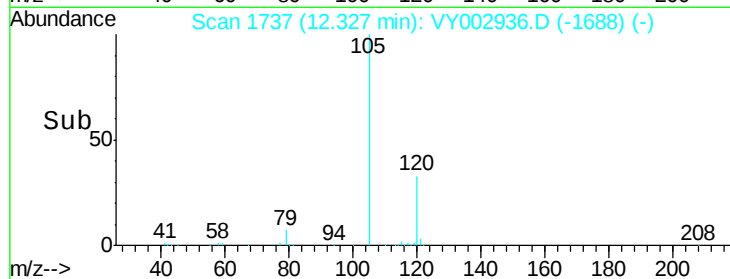
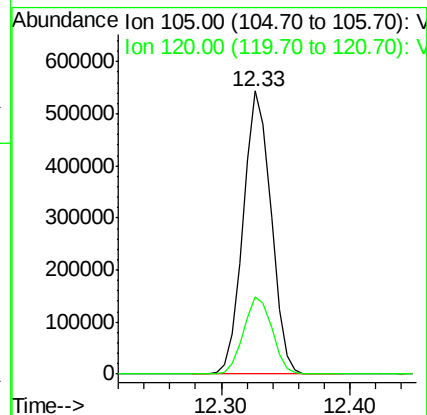
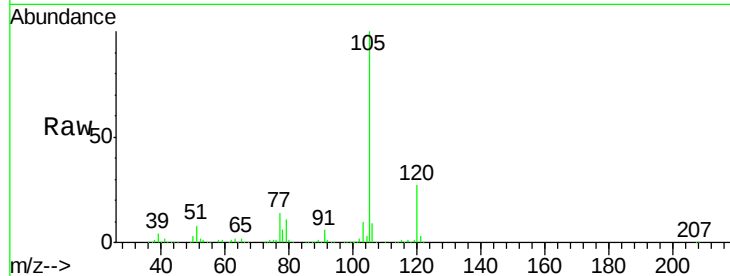
120 27.9 14.0 41.9

Manual Integrations

APPROVED

MMDadoda

6/22/2020 2:06:54 PM



#74

N-ethyl acetate

Concen: 53.102 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tgt Ion: 43 Resp: 209895

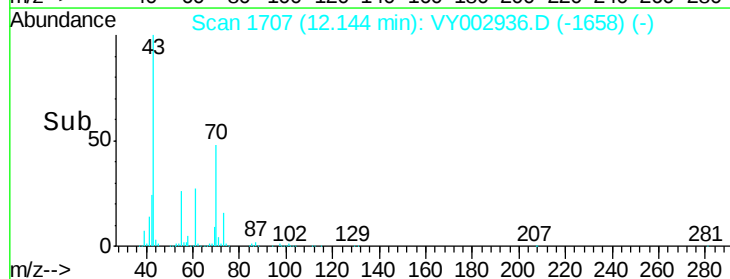
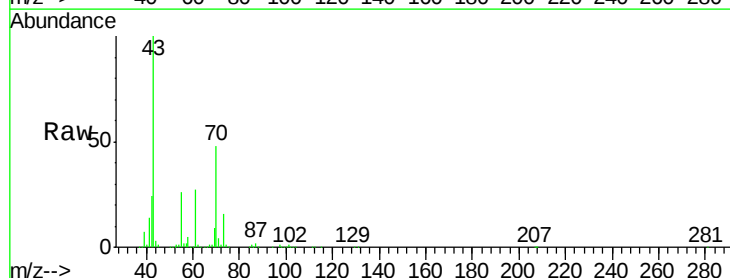
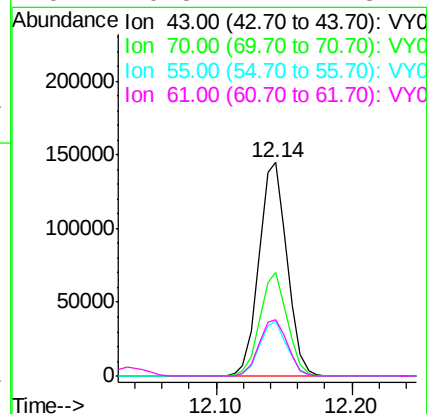
Ion Ratio Lower Upper

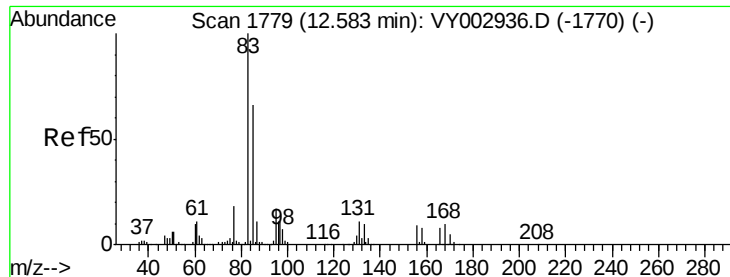
43 100

70 47.5 38.0 57.0

55 25.4 20.3 30.5

61 26.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.768 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

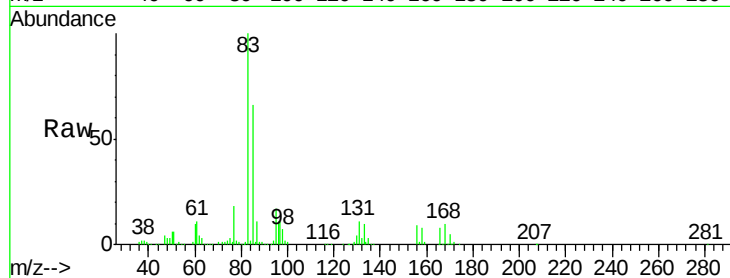
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	146335
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.7
85	65.5	32.8	98.3

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM

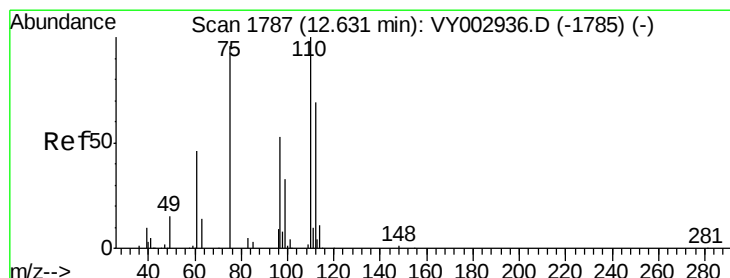
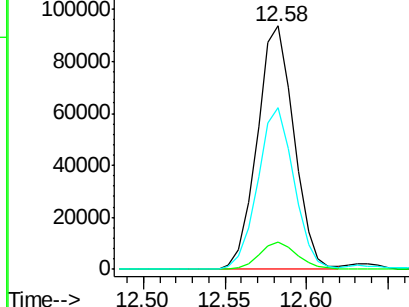
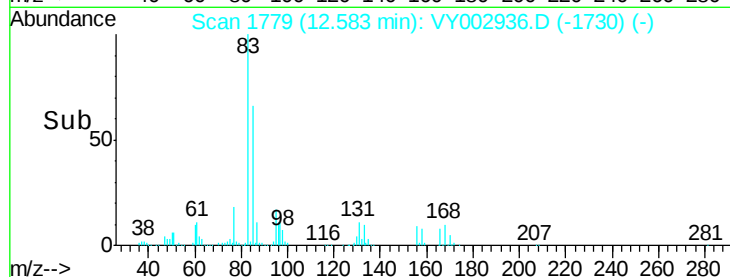


Abundance Ion 82.90 (82.60 to 83.60): VY002936.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY002936.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY002936.D (-1770) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 30.450 ug/l m

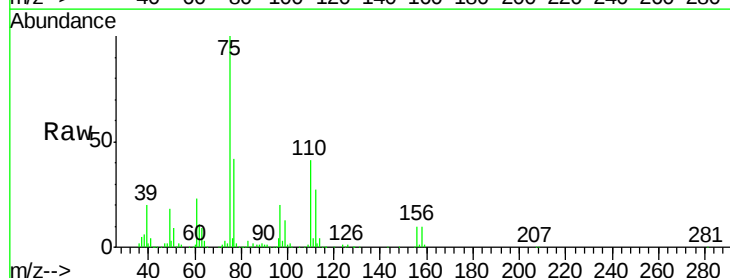
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

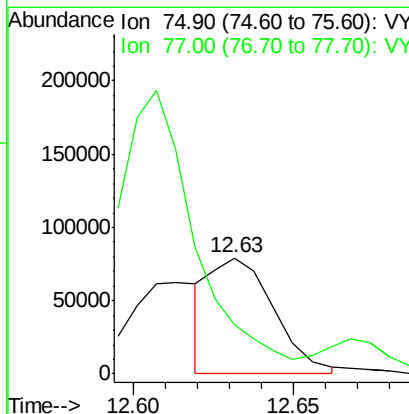
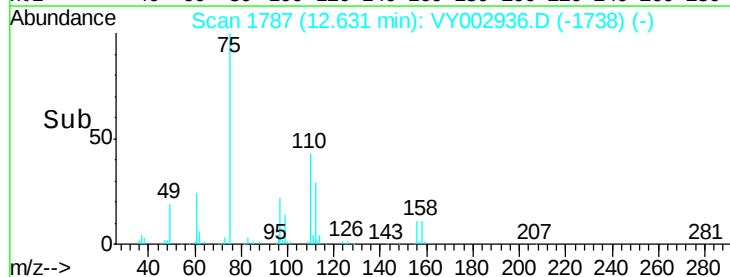
Tgt Ion:	75	Resp:	109976
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

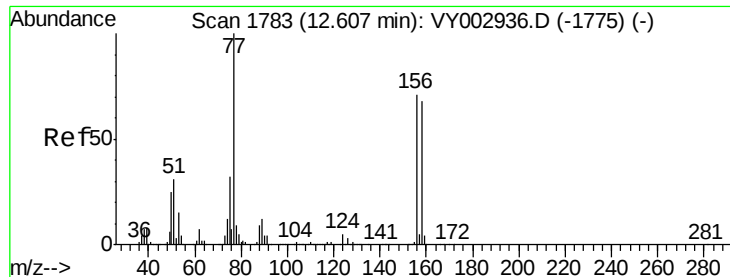


Abundance Ion 74.90 (74.60 to 75.60): VY002936.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002936.D (-1785) (-)

Time-->





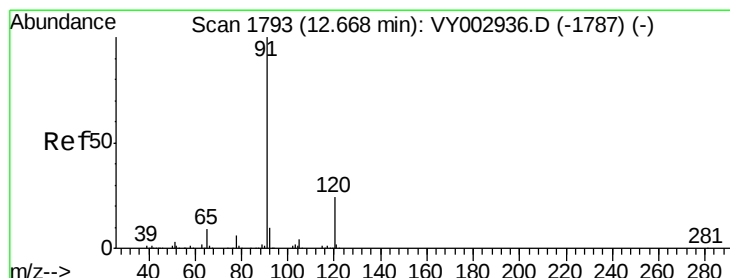
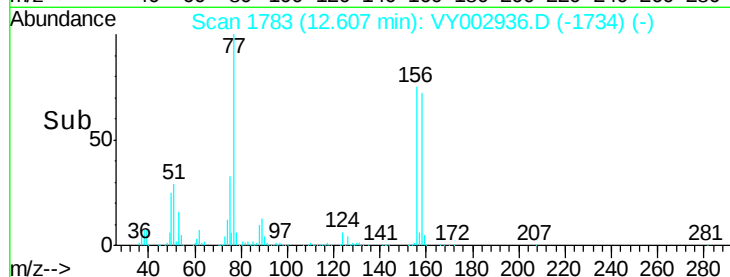
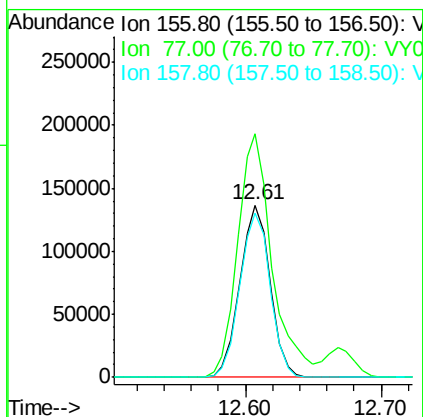
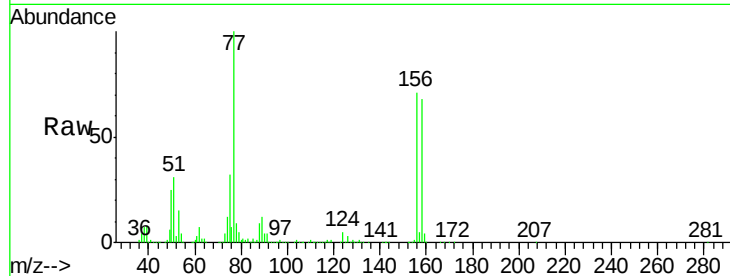
#77
Bromobenzene
Concen: 51.831 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.0	80.5	241.5
158	96.4	48.2	144.6

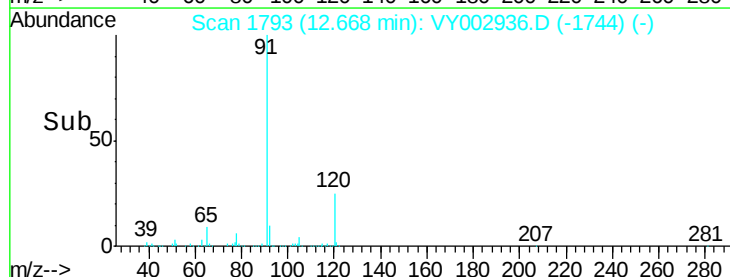
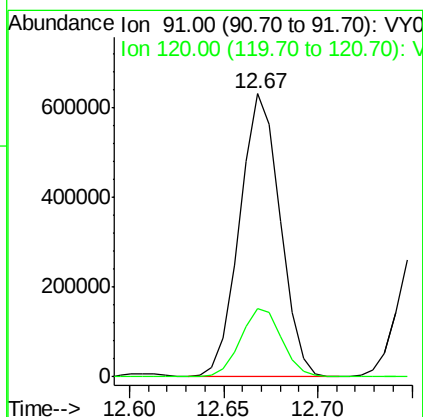
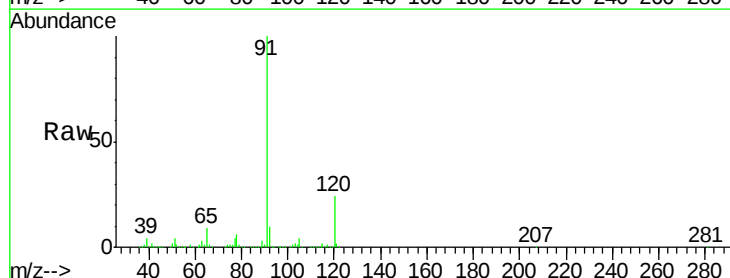
Manual Integrations
APPROVED

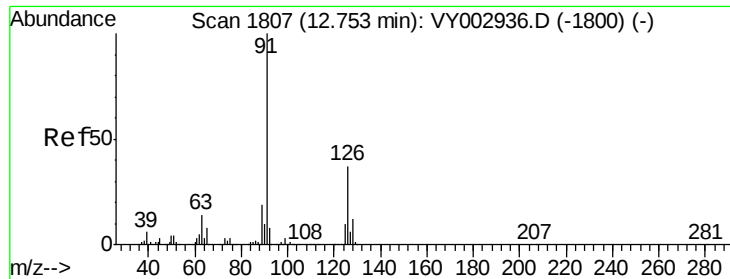
MMDadoda
6/22/2020 2:06:54 PM



#78
n-propylbenzene
Concen: 51.946 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.9





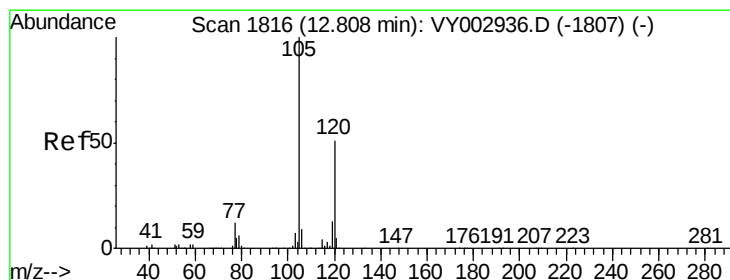
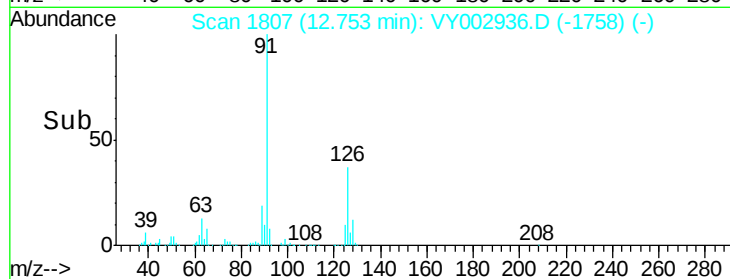
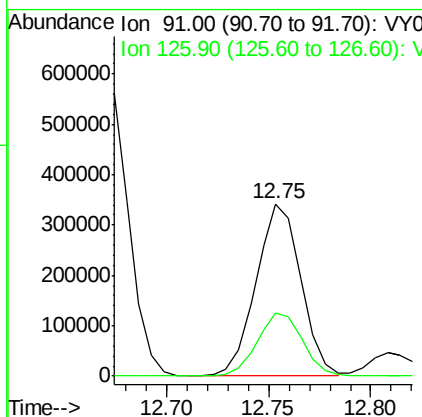
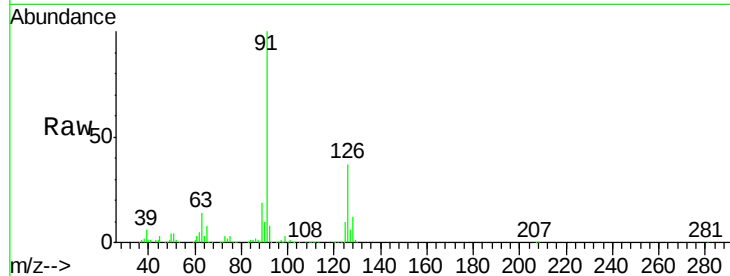
#79
2-Chlorotoluene
Concen: 51.663 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 523597
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5

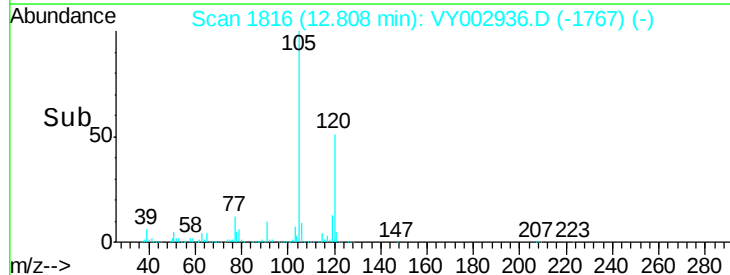
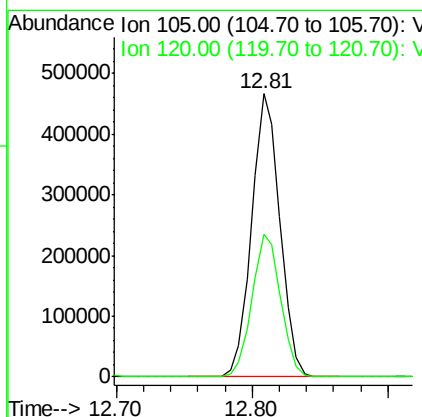
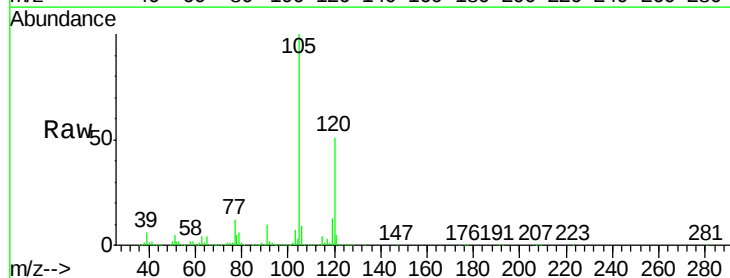
Manual Integrations
APPROVED

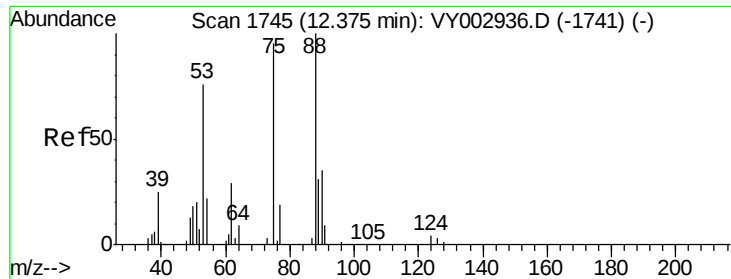
MMDadoda
6/22/2020 2:06:54 PM



#80
1,3,5-Trimethylbenzene
Concen: 52.430 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 105 Resp: 679508
Ion Ratio Lower Upper
105 100
120 51.1 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.841 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

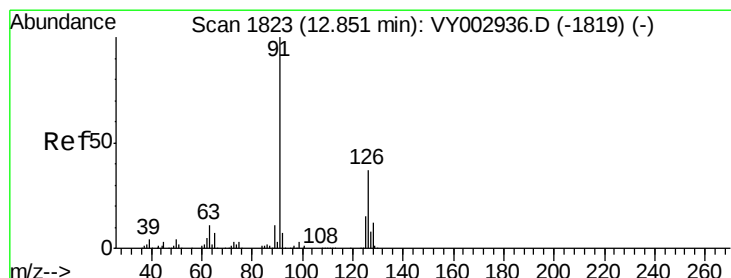
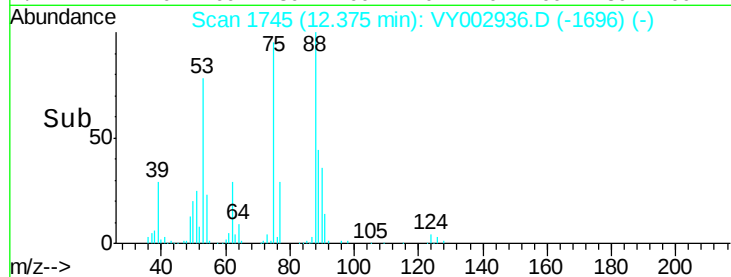
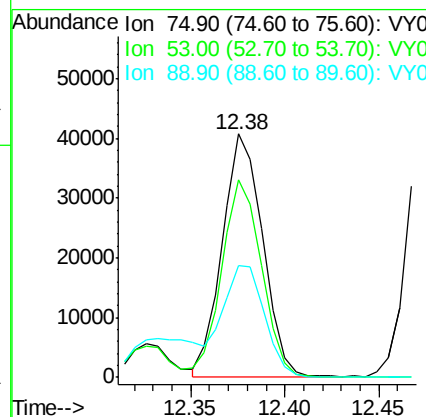
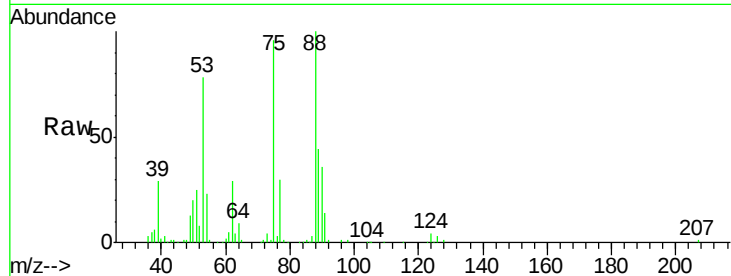
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	60189
Ion	Ratio	Lower	Upper
75	100		
53	81.4	65.1	97.7
89	48.0	38.4	57.6

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM



#82

4-Chlorotoluene

Concen: 51.400 ug/l

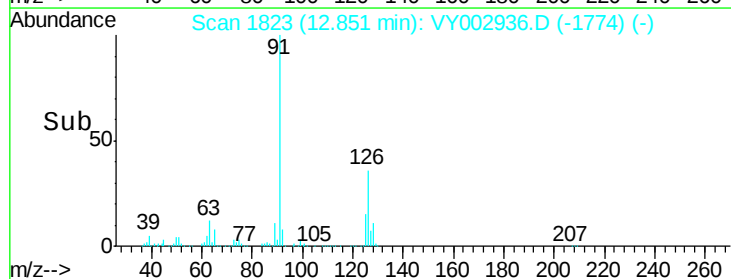
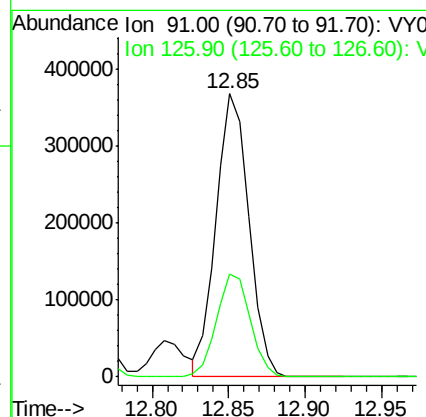
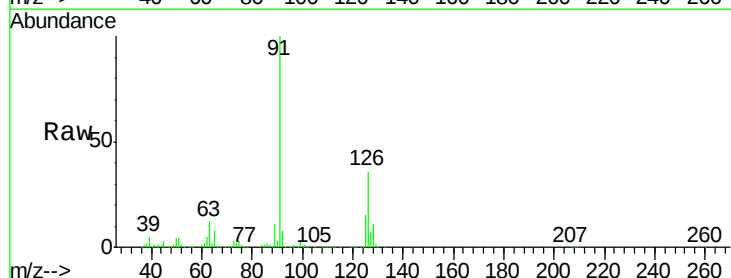
RT: 12.85 min Scan# 1823

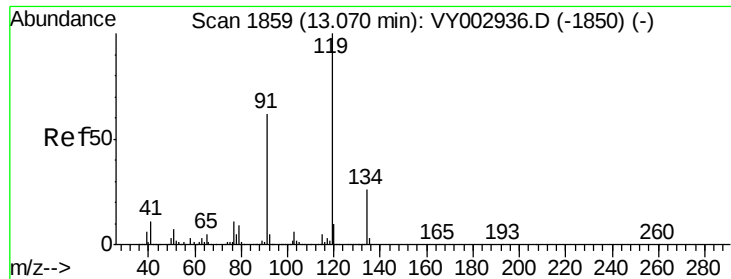
Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tgt Ion:	91	Resp:	549588
Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.6	55.8





#83

tert-Butylbenzene

Concen: 52.063 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

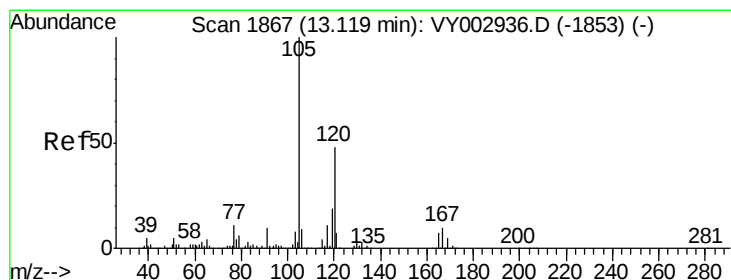
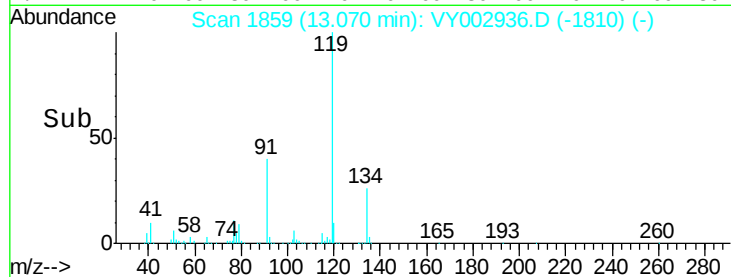
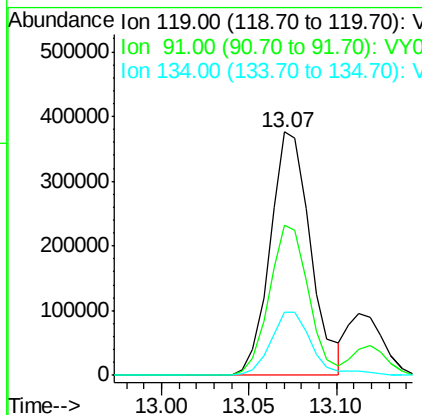
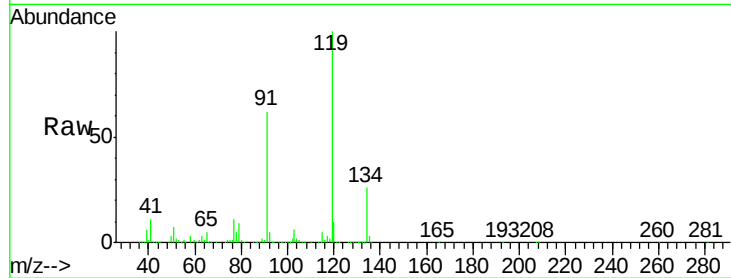
ClientSampleId :

VSTDICCC050

Tot Ion:	119	Resp:	607729
Ion Ratio	Lower	Upper	
119	100		
91	59.8	29.9	89.7
134	26.5	13.3	39.8

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM



#84

1,2,4-Trimethylbenzene

Concen: 52.265 ug/l

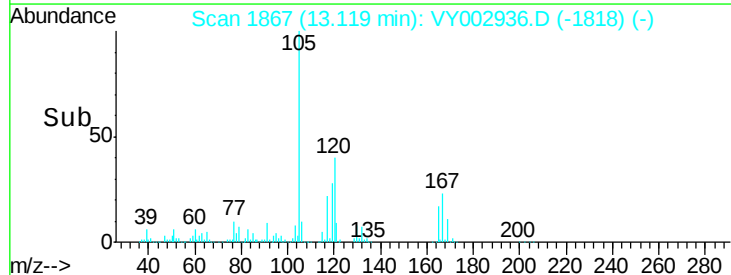
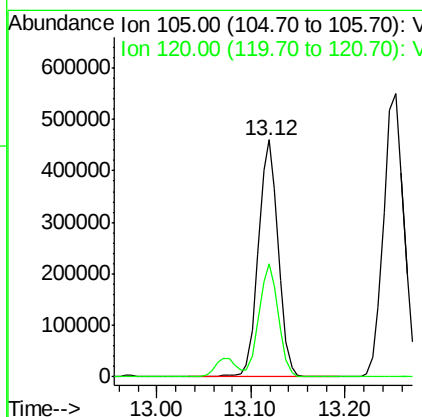
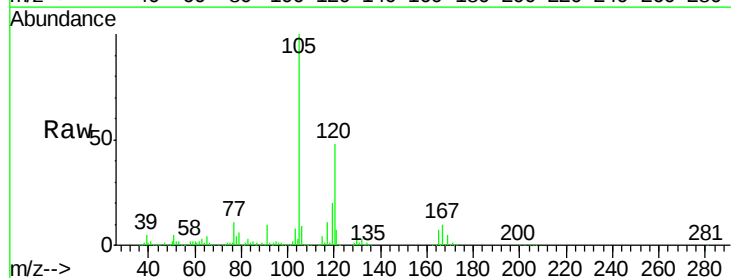
RT: 13.12 min Scan# 1867

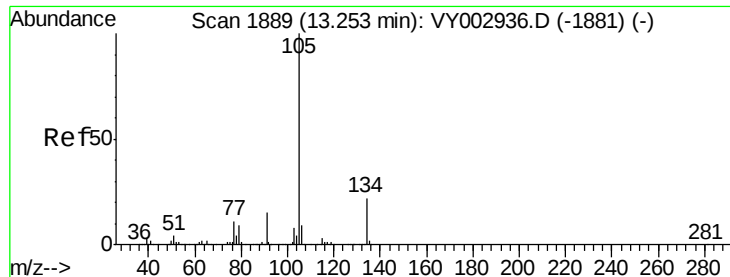
Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tgt Ion:	105	Resp:	684472
Ion Ratio	Lower	Upper	
105	100		
120	47.0	23.5	70.5





#85

sec-Butylbenzene

Concen: 51.578 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 823253

Ion Ratio Lower Upper

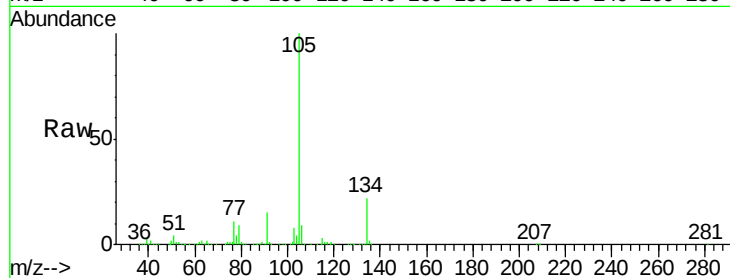
105 100

134 21.6 10.8 32.4

Manual Integrations
APPROVED

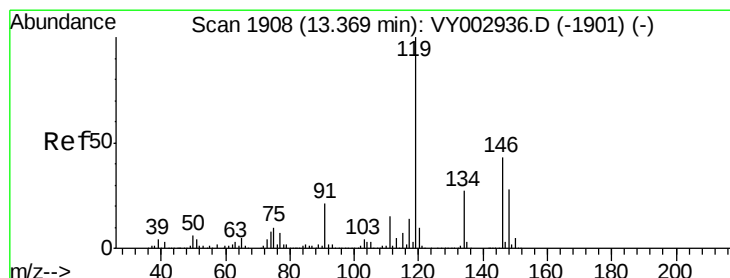
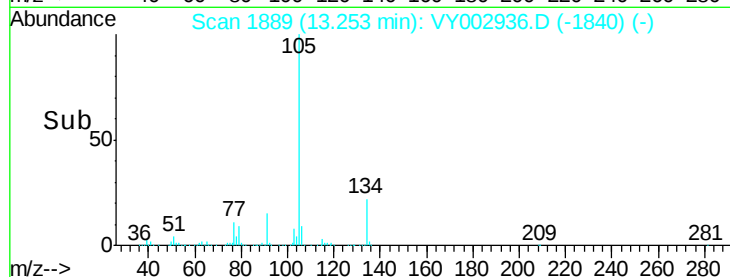
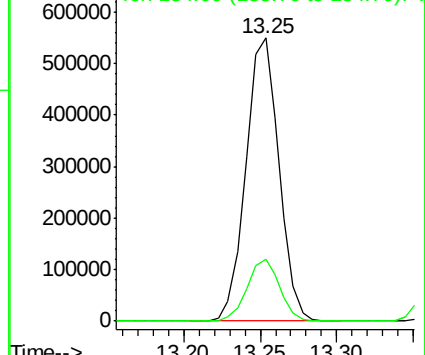
MMDadoda

6/22/2020 2:06:54 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.982 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

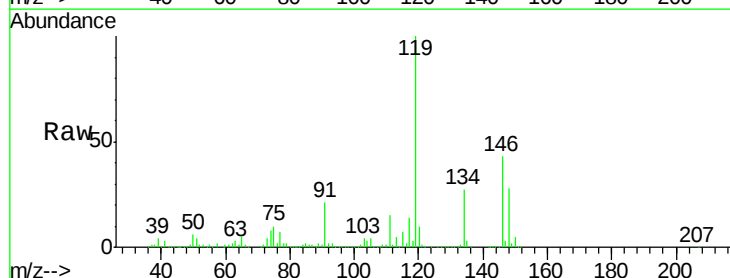
Tgt Ion:119 Resp: 775252

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

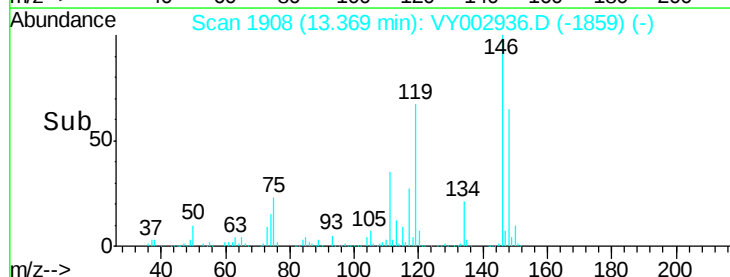
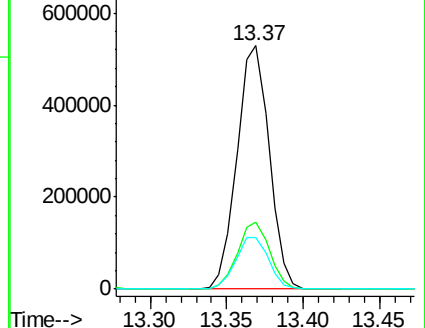
91 21.6 10.8 32.4

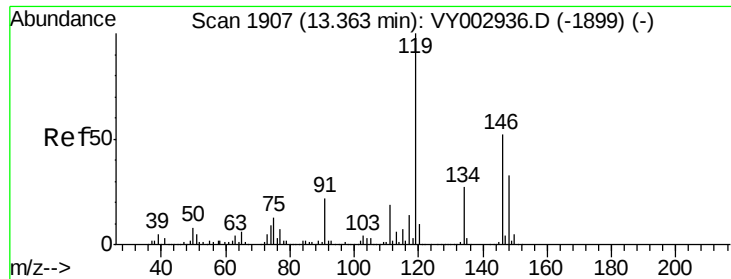


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





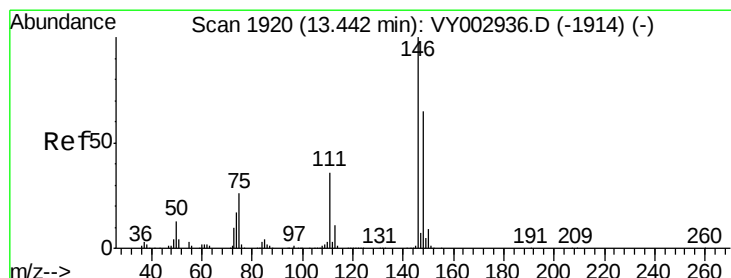
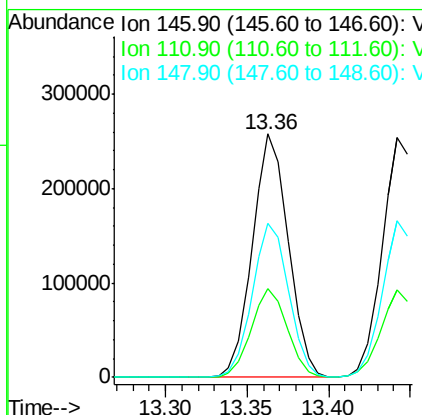
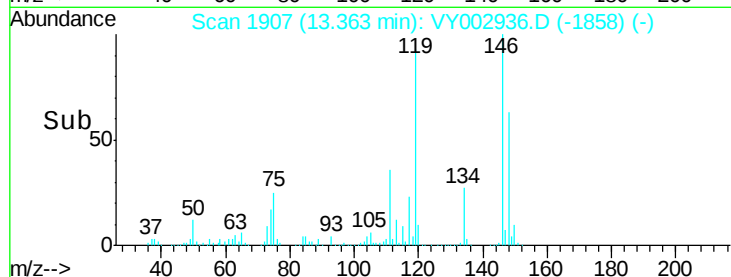
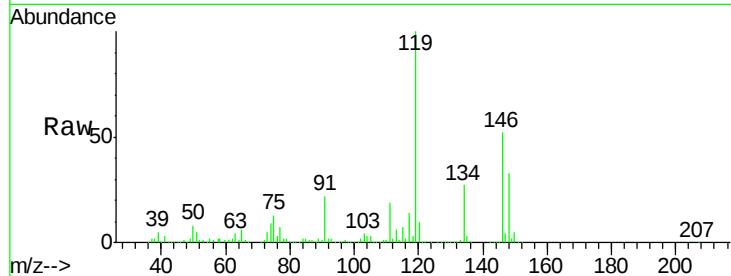
#87
 1,3-Dichlorobenzene
 Concen: 50.887 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.2	54.6
148	63.8	31.9	95.7

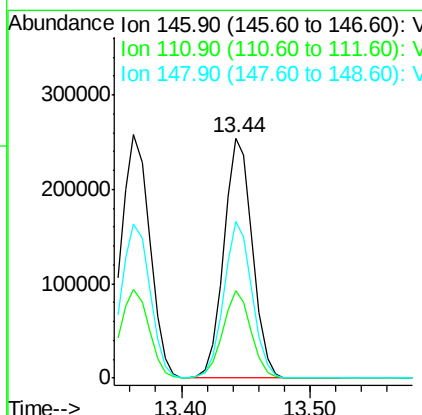
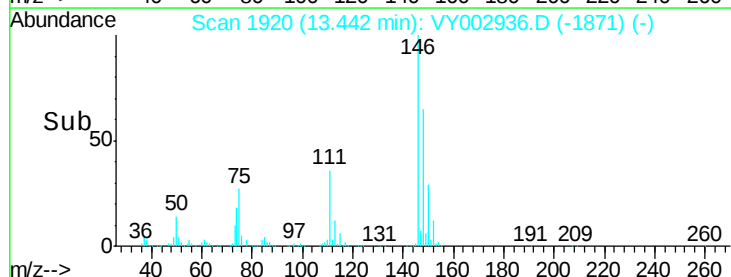
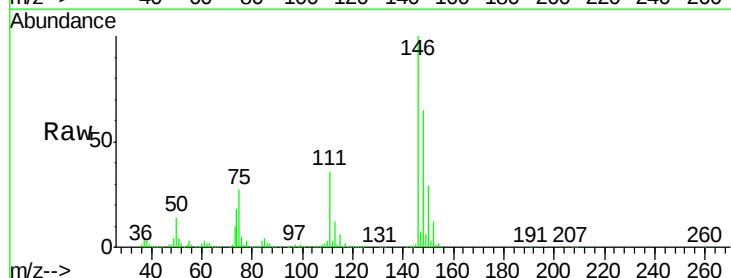
Manual Integrations
 APPROVED

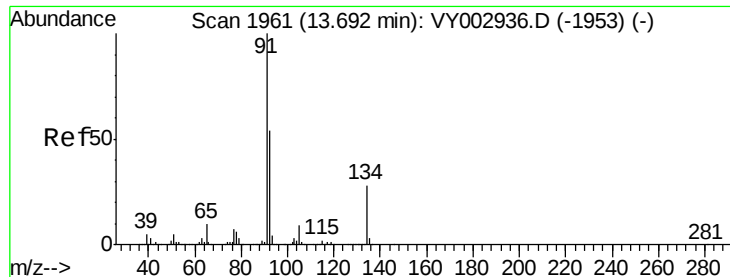
MMDadoda
 6/22/2020 2:06:54 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.702 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.8
148	64.3	32.1	96.5





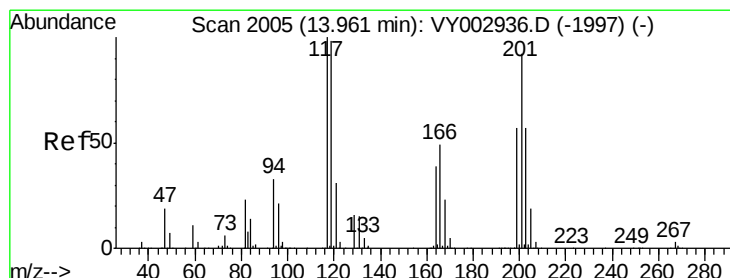
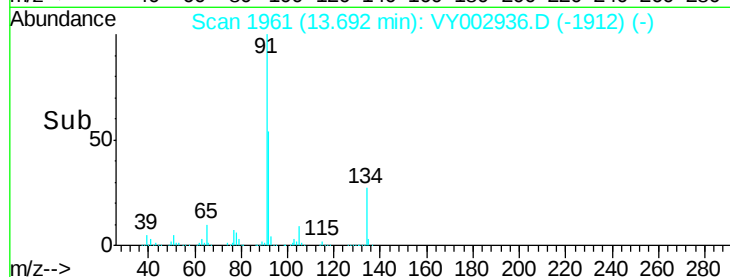
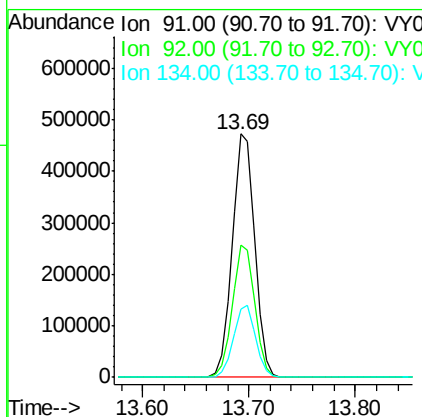
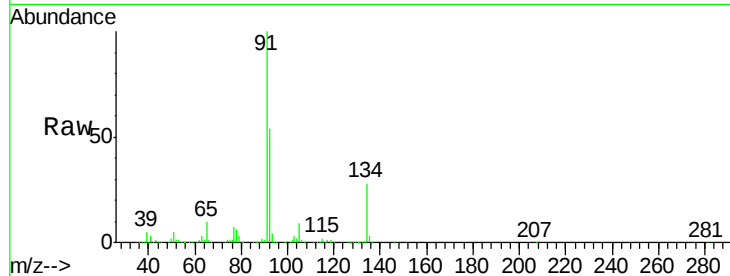
#89
n-Butylbenzene
Concen: 51.636 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	29.0	14.5	43.5

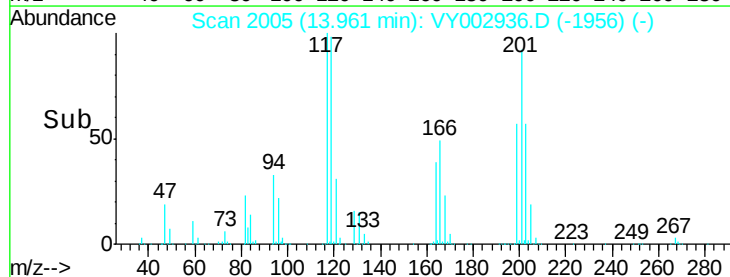
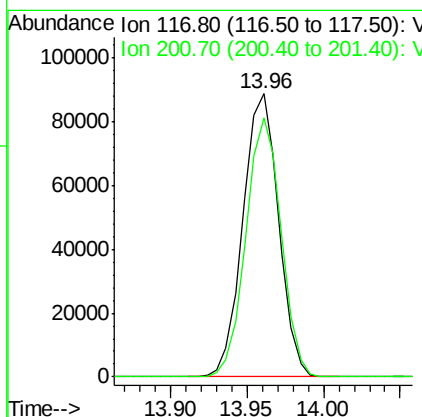
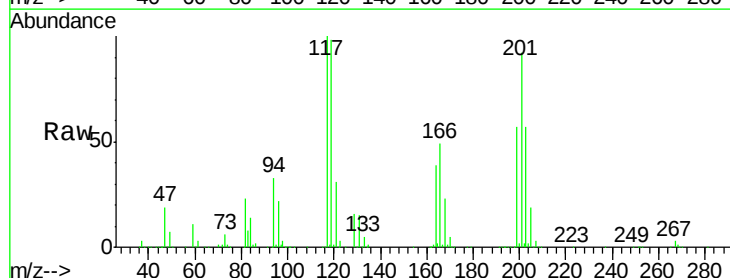
Manual Integrations
APPROVED

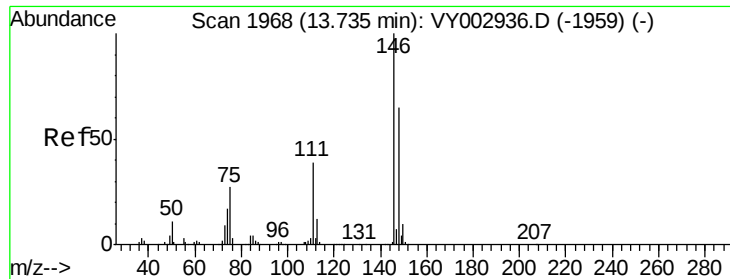
MMDadoda
6/22/2020 2:06:54 PM



#90
Hexachloroethane
Concen: 52.118 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.3	45.1	135.5





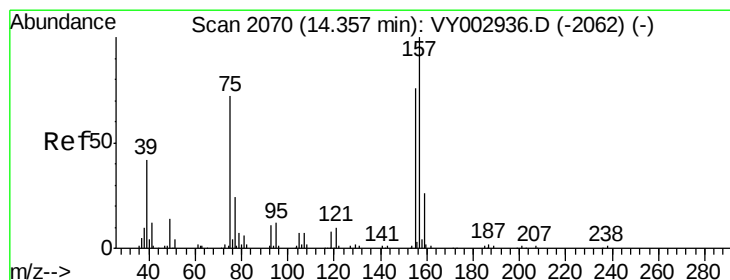
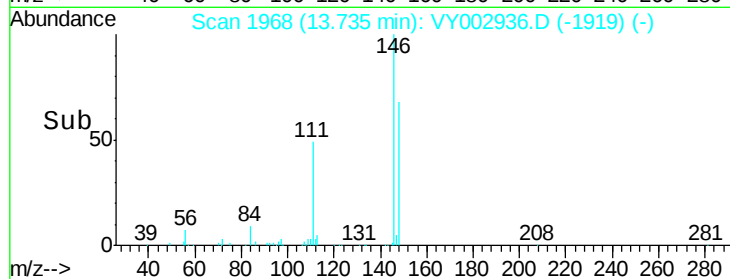
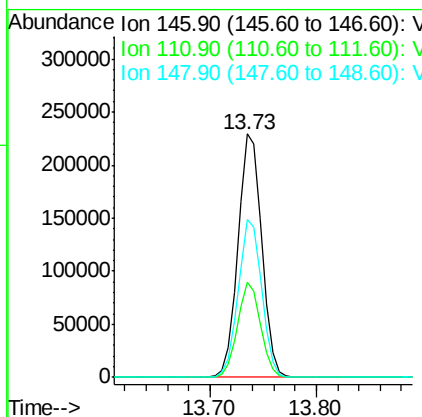
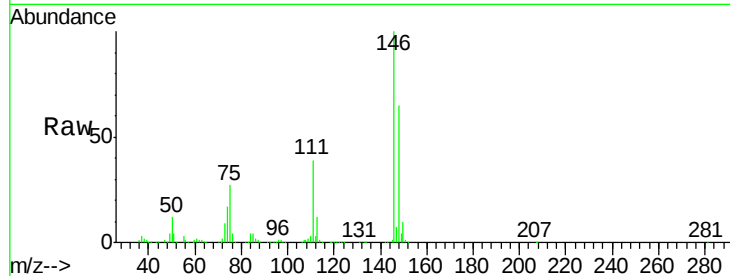
#91
 1,2-Dichlorobenzene
 Concen: 50.763 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	64.1	32.0	96.2

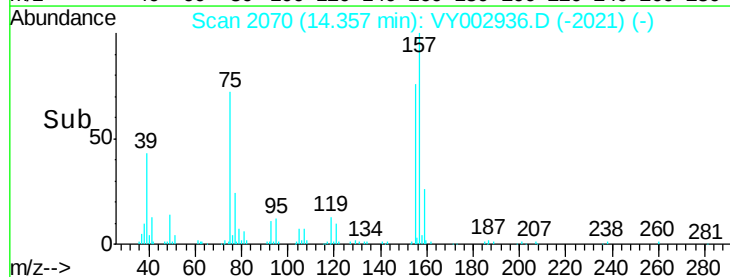
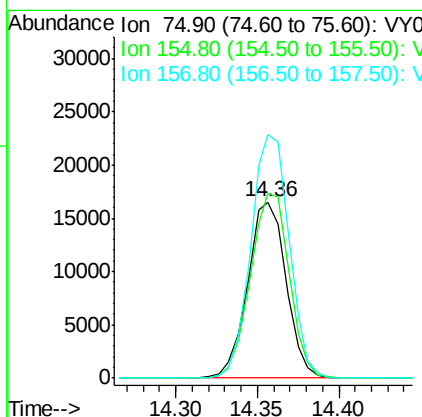
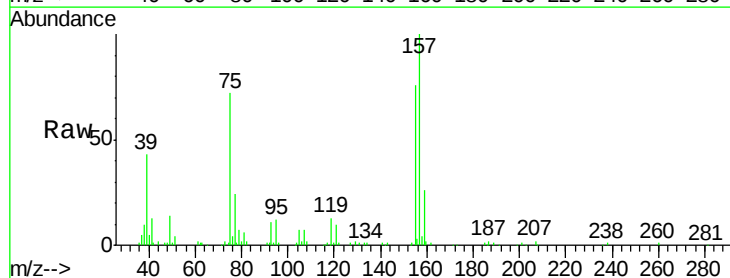
Manual Integrations
 APPROVED

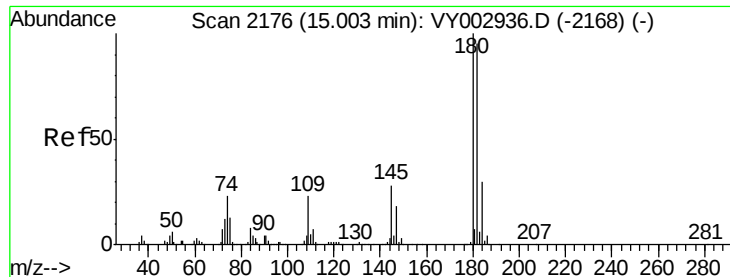
MMDadoda
 6/22/2020 2:06:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.098 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.3	53.1	159.4
157	137.9	69.0	206.9





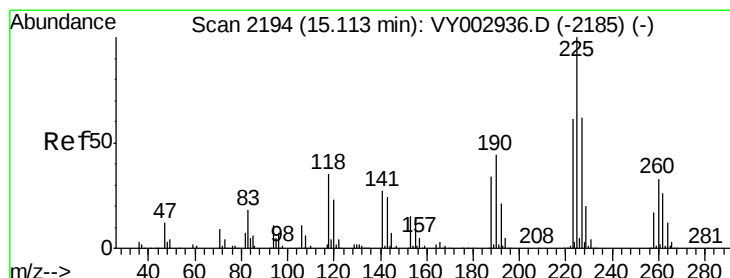
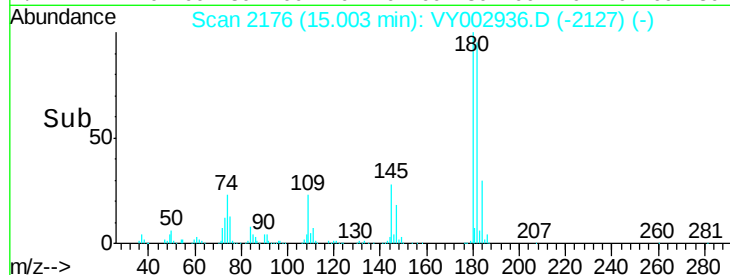
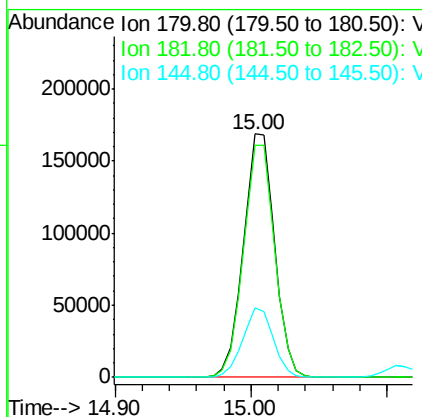
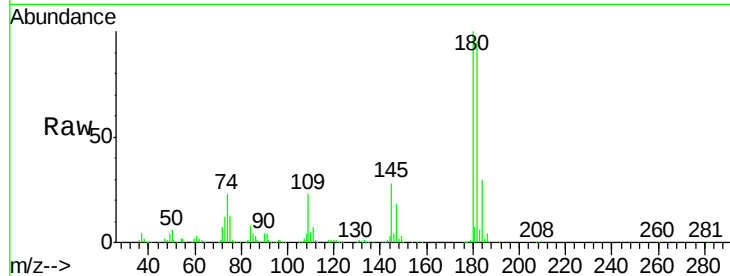
#93
 1,2,4-Trichlorobenzene
 Concen: 50.988 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	270258		
182	95.7	47.9	143.6	
145	28.2	14.1	42.3	

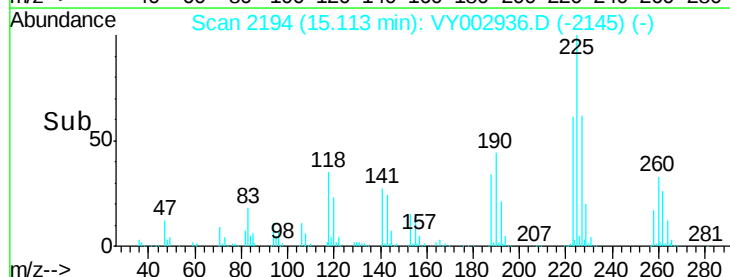
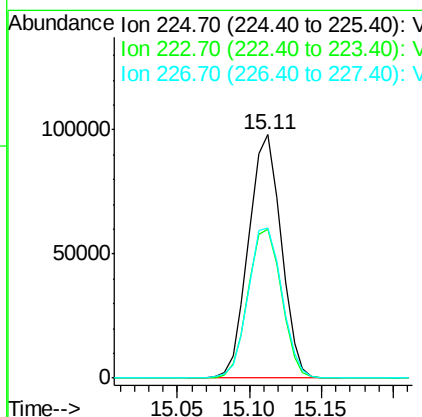
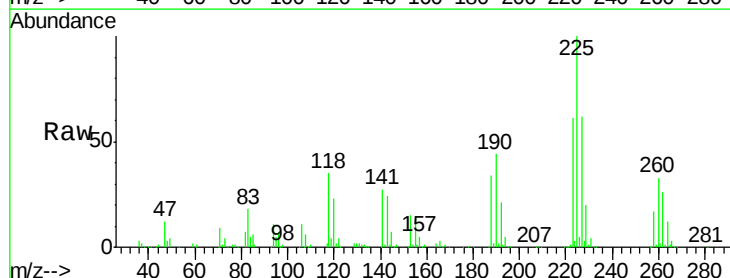
Manual Integrations
 APPROVED

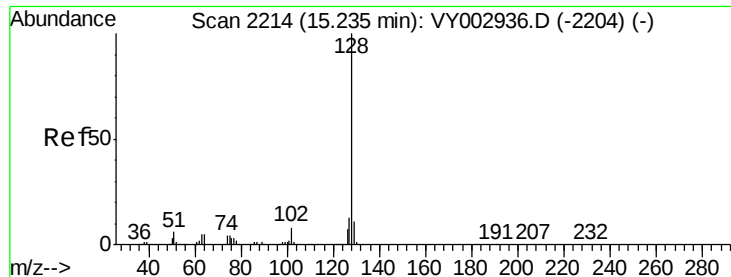
MMDadoda
 6/22/2020 2:06:54 PM



#94
 Hexachlorobutadiene
 Concen: 49.701 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	153982		
223	62.5	31.3	93.8	
227	63.8	31.9	95.7	





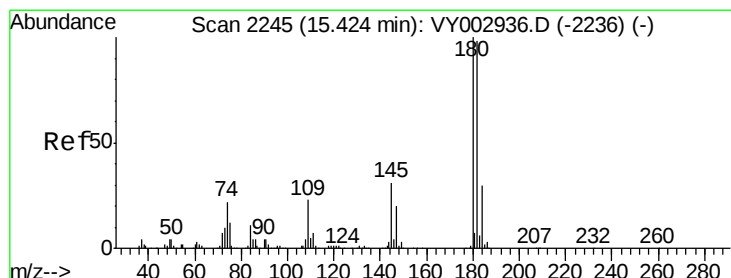
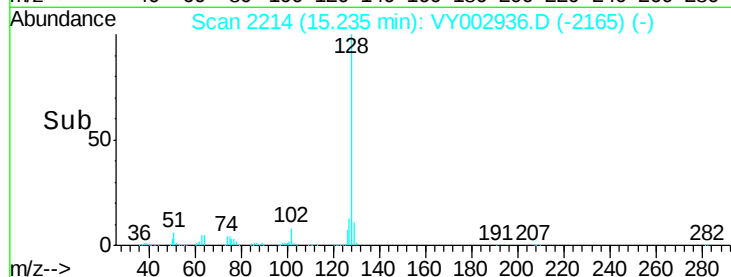
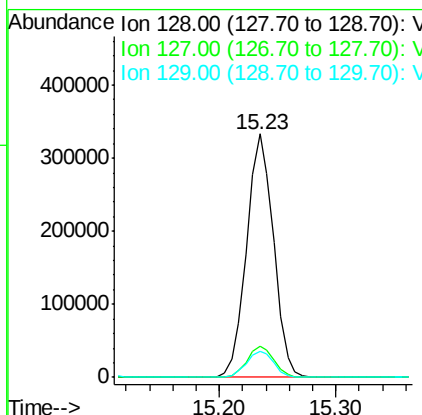
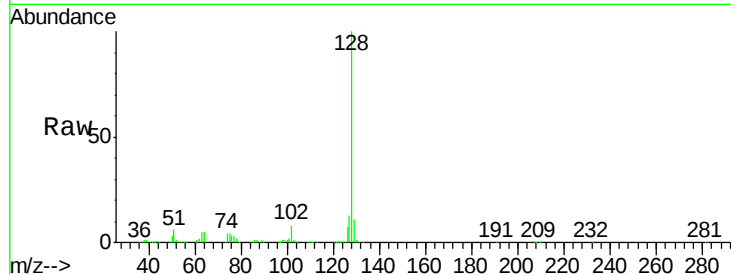
#95
Naphthalene
Concen: 51.905 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.499 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	30.0	15.0	45.0

