

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003137.D
 Acq On : 08 Jul 2020 15:32
 Operator : SY/MD
 Sample : VY0708SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:52 AM

Quant Time: Jul 09 02:51:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	400656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	576409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	534012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	292394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	192131	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	7.72	113	187839	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.18	98	685179	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.48	95	244898	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	55000	18.126	ug/l	98
3) Chloromethane	2.12	50	78250	17.611	ug/l	98
4) Vinyl Chloride	2.26	62	83584	19.285	ug/l	100
5) Bromomethane	2.65	94	64693	21.984	ug/l	94
6) Chloroethane	2.79	64	58095	21.070	ug/l	99
7) Trichlorofluoromethane	3.13	101	128001	20.924	ug/l	98
8) Diethyl Ether	3.54	74	44093	21.025	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	78554	21.506	ug/l	99
10) Methyl Iodide	4.10	142	93894	20.730	ug/l	100
11) Tert butyl alcohol	4.97	59	41147	101.463	ug/l	97
12) 1,1-Dichloroethene	3.88	96	71928	20.696	ug/l	92
13) Acrolein	3.74	56	29473	80.918	ug/l	100
14) Allyl chloride	4.49	41	107074	17.646	ug/l	95
15) Acrylonitrile	5.18	53	108698	100.568	ug/l	99
16) Acetone	3.96	43	85225	90.809	ug/l	96
17) Carbon Disulfide	4.20	76	211643	19.060	ug/l	100
18) Methyl Acetate	4.49	43	50942	20.147	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	209397	20.670	ug/l	98
20) Methylene Chloride	4.72	84	104963	21.023	ug/l	90
21) trans-1,2-Dichloroethene	5.23	96	81770	20.800	ug/l	91
22) Diisopropyl ether	6.13	45	247478	19.029	ug/l	95
23) Vinyl Acetate	6.07	43	808585	92.994	ug/l	95
24) 1,1-Dichloroethane	6.03	63	140017	19.709	ug/l	98
25) 2-Butanone	6.99	43	137983	92.554	ug/l	97
26) 2,2-Dichloropropane	6.99	77	127526	19.757	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	92669	21.017	ug/l	95
28) Bromochloromethane	7.35	49	55975	17.708	ug/l #	83
29) Tetrahydrofuran	7.36	42	95852	96.683	ug/l	93
30) Chloroform	7.52	83	147790	20.999	ug/l	94
31) Cyclohexane	7.79	56	133039	19.009	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	132198	20.578	ug/l	98
36) 1,1-Dichloropropene	7.92	75	114756	20.669	ug/l	98
37) Ethyl Acetate	7.08	43	65861	19.729	ug/l	99
38) Carbon Tetrachloride	7.91	117	120244	20.815	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003137.D
 Acq On : 08 Jul 2020 15:32
 Operator : SY/MD
 Sample : VY0708SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:52 AM

Quant Time: Jul 09 02:51:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	139994	20.336	ug/l	98
40) Benzene	8.16	78	320633	21.094	ug/l	98
41) Methacrylonitrile	7.33	41	33417m	18.739	ug/l	
42) 1,2-Dichloroethane	8.25	62	100301	20.858	ug/l	100
43) Isopropyl Acetate	8.28	43	122983	19.379	ug/l	96
44) Trichloroethene	8.94	130	99996	22.633	ug/l	99
45) 1,2-Dichloropropane	9.22	63	83597	20.442	ug/l	95
46) Dibromomethane	9.31	93	49150	21.519	ug/l	97
47) Bromodichloromethane	9.50	83	115955	20.733	ug/l	97
48) Methyl methacrylate	9.30	41	55286	19.139	ug/l	95
49) 1,4-Dioxane	9.30	88	12838	460.453	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	326673	99.592	ug/l	97
52) Toluene	10.24	92	204921	21.416	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	120644	20.575	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	139280	20.770	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	71528	22.536	ug/l	96
56) Ethyl methacrylate	10.51	69	95309	20.745	ug/l	97
57) 1,3-Dichloropropane	10.79	76	120543	21.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	218496	92.728	ug/l	97
59) 2-Hexanone	10.83	43	225926	98.543	ug/l	97
60) Dibromochloromethane	10.99	129	88226	21.721	ug/l	99
61) 1,2-Dibromoethane	11.09	107	69481	22.206	ug/l	98
64) Tetrachloroethene	10.72	164	110367	24.420	ug/l	97
65) Chlorobenzene	11.52	112	230512	21.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	89115	21.677	ug/l	100
67) Ethyl Benzene	11.59	91	402345	20.886	ug/l	99
68) m/p-Xylenes	11.70	106	306534	42.755	ug/l	98
69) o-Xylene	12.03	106	145773	21.577	ug/l	96
70) Styrene	12.04	104	248118	21.497	ug/l	98
71) Bromoform	12.20	173	60005	21.890	ug/l	100
73) Isopropylbenzene	12.33	105	402674	21.043	ug/l	100
74) N-amyl acetate	12.14	43	113992	18.298	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	76260	19.748	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	57815m	19.979	ug/l	
77) Bromobenzene	12.61	156	103627	21.121	ug/l	97
78) n-propylbenzene	12.67	91	474471	20.617	ug/l	99
79) 2-Chlorotoluene	12.75	91	266352	20.735	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	335069	20.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28048	18.857	ug/l	97
82) 4-Chlorotoluene	12.85	91	275169	20.574	ug/l	97
83) tert-Butylbenzene	13.07	119	298184	21.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	340812	21.063	ug/l	99
85) sec-Butylbenzene	13.25	105	410809	21.138	ug/l	100
86) p-Isopropyltoluene	13.37	119	382255	21.226	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	197115	21.519	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	195592	21.654	ug/l	99
89) n-Butylbenzene	13.69	91	364467	21.153	ug/l	99
90) Hexachloroethane	13.96	117	69390	19.405	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	174333	21.212	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14108	20.637	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
Data File : VY003137.D
Acq On : 08 Jul 2020 15:32
Operator : SY/MD
Sample : VY0708SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

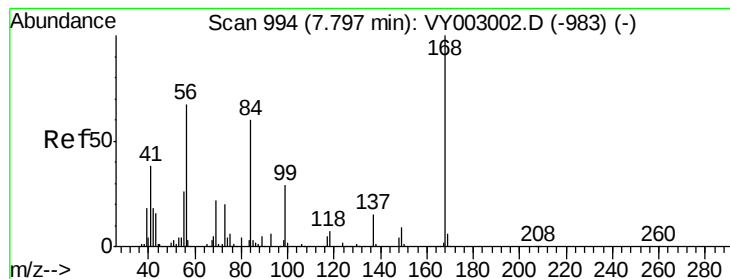
Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:52 AM

Quant Time: Jul 09 02:51:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	129566	21.216	ug/l	99
94) Hexachlorobutadiene	15.11	225	85034	22.075	ug/l	99
95) Naphthalene	15.23	128	223636	20.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	108975	20.550	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

Tot Ion:168 Resp: 400656

Ion Ratio Lower Upper

168 100

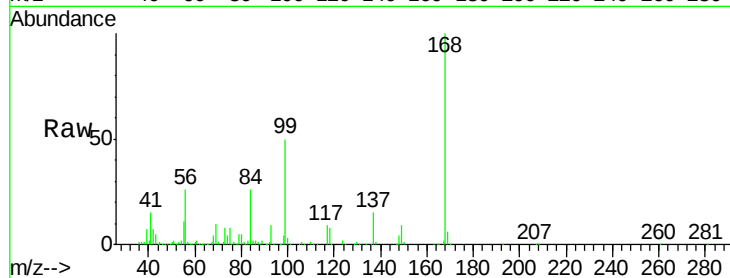
99 49.8 39.2 58.8

Manual Integrations

APPROVED

MMDadoda

7/9/2020 10:48:52 AM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

150000

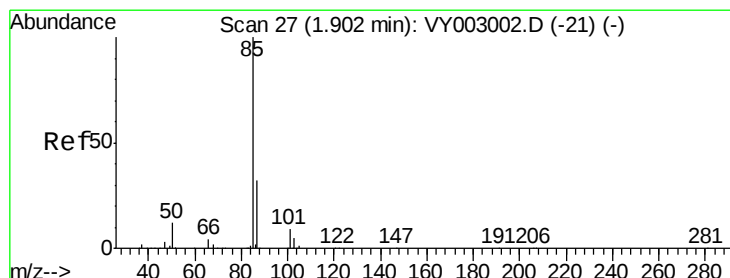
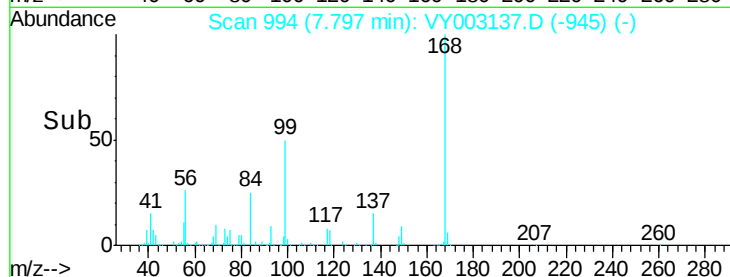
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.126 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003137.D

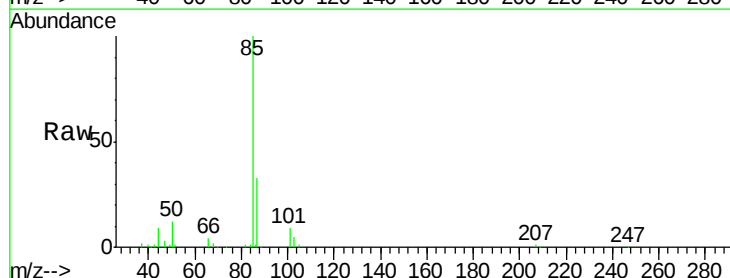
Acq: 08 Jul 2020 15:32

Tgt Ion: 85 Resp: 55000

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

40000

30000

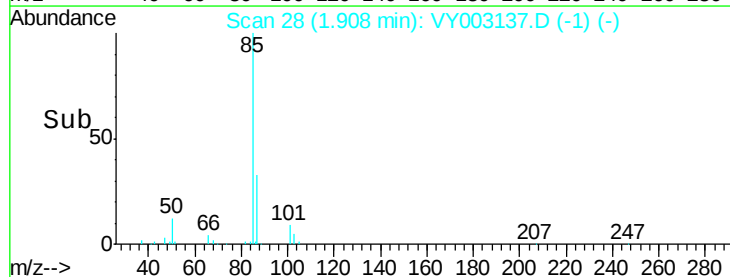
20000

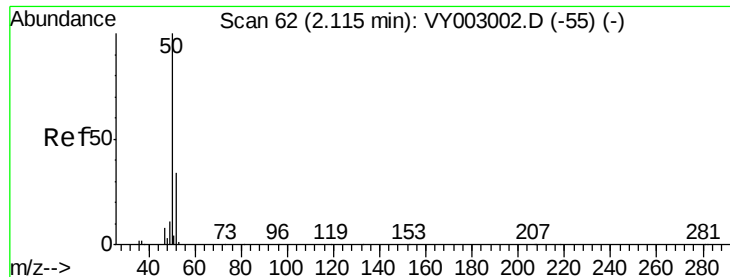
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.611 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 50 Resp: 78250

Ion Ratio Lower Upper

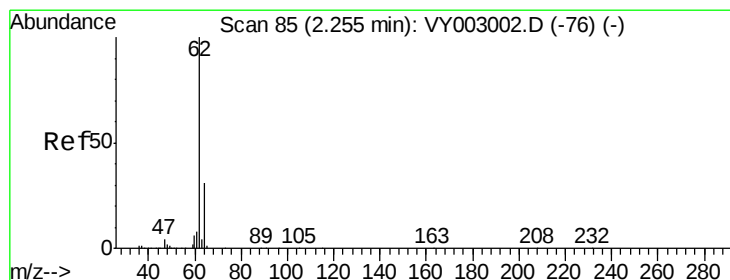
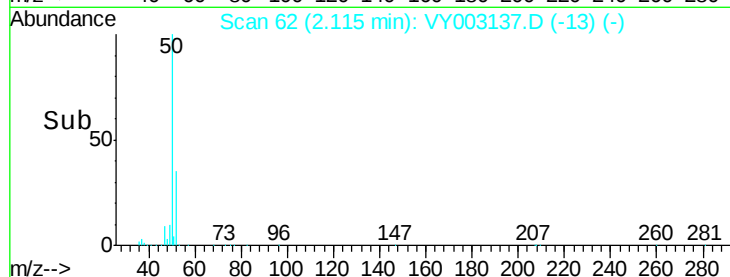
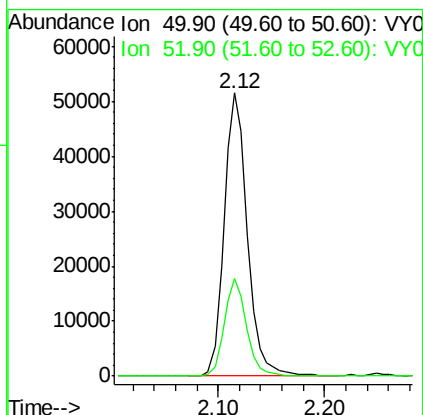
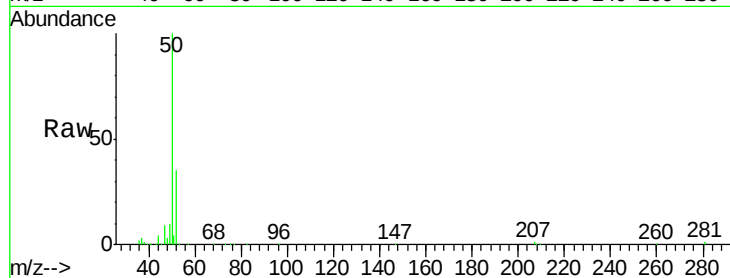
50 100

52 34.6 26.9 40.3

Manual Integrations
APPROVED

MMDadoda

7/9/2020 10:48:52 AM



#4

Vinyl Chloride

Concen: 19.285 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003137.D

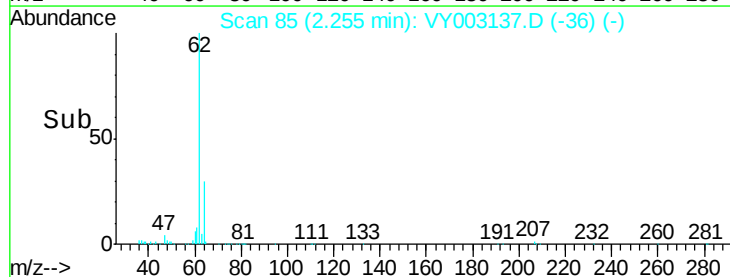
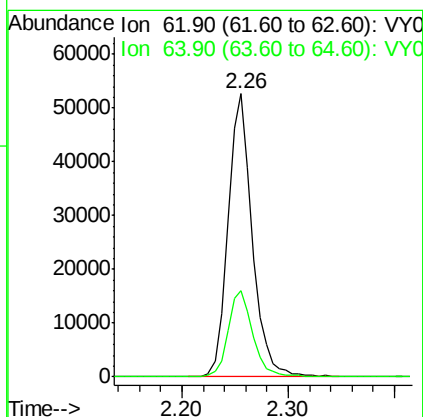
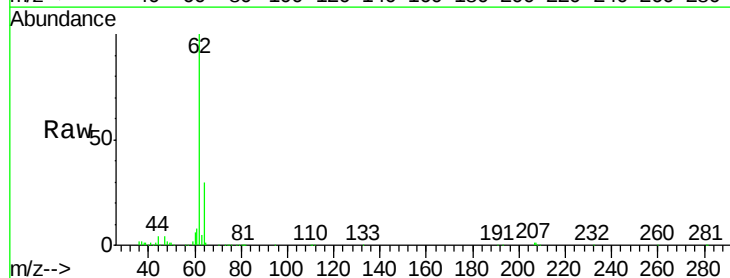
Acq: 08 Jul 2020 15:32

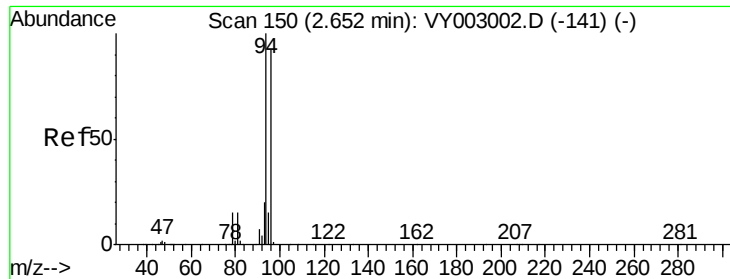
Tgt Ion: 62 Resp: 83584

Ion Ratio Lower Upper

62 100

64 30.3 24.4 36.6





#5

Bromomethane

Concen: 21.984 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 94 Resp: 64693

Ion Ratio Lower Upper

94 100

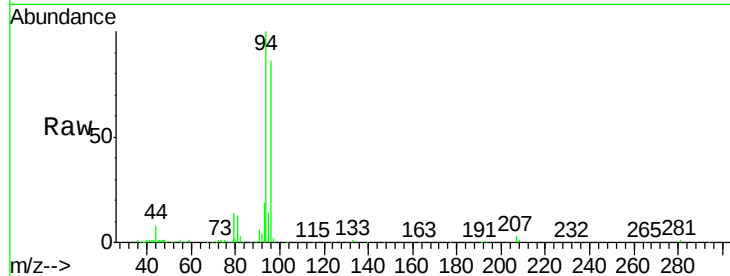
96 85.7 73.4 110.2

Manual Integrations

APPROVED

MMDadoda

7/9/2020 10:48:52 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

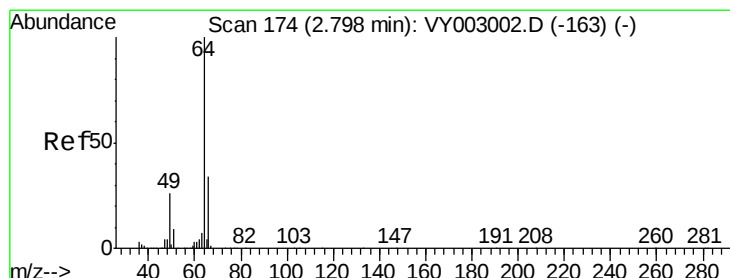
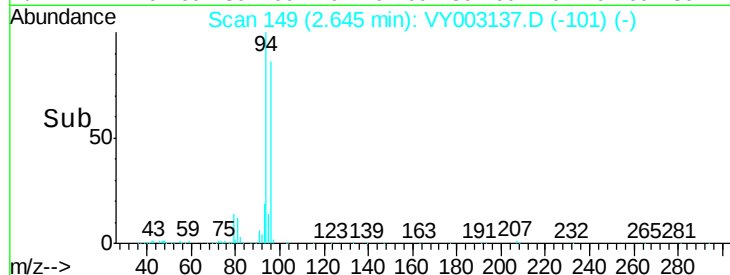
30000

20000

10000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 21.070 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003137.D

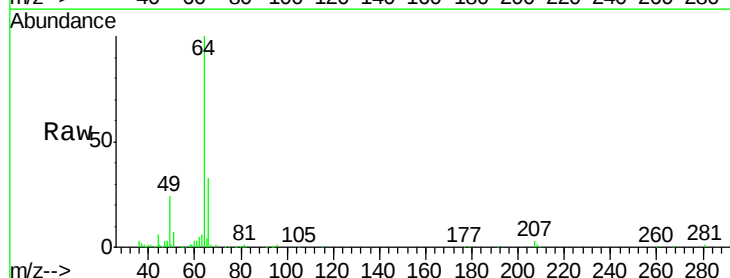
Acq: 08 Jul 2020 15:32

Tgt Ion: 64 Resp: 58095

Ion Ratio Lower Upper

64 100

66 32.9 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

25000

20000

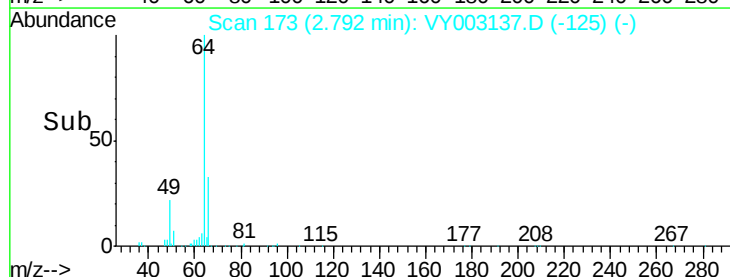
15000

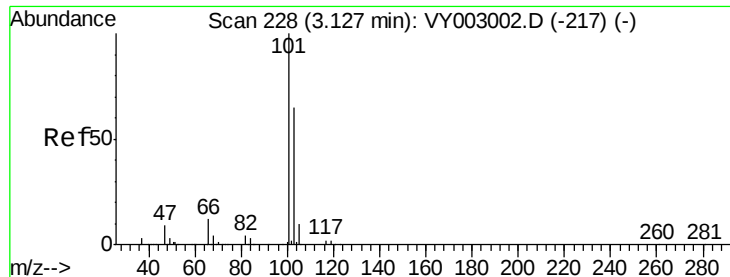
10000

5000

0

Time--> 2.70 2.80 2.90





#7

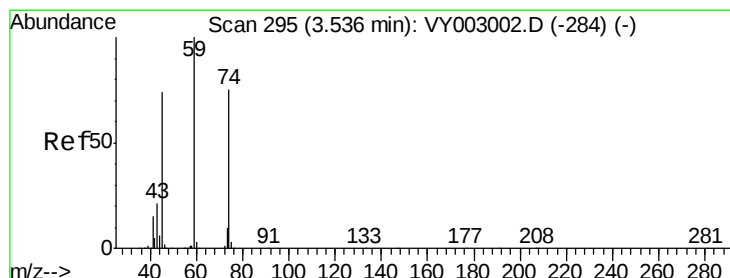
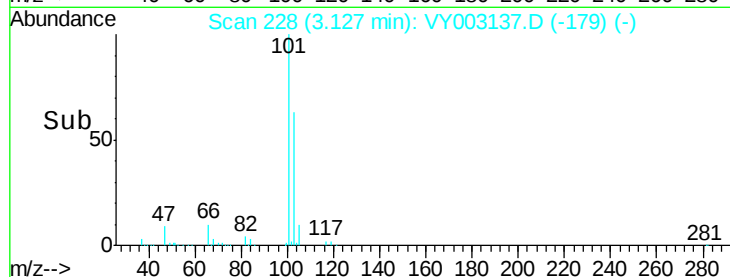
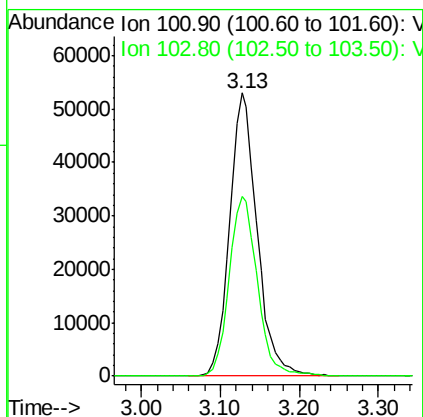
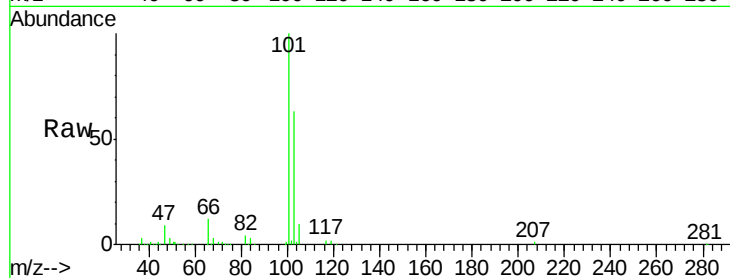
Trichlorofluoromethane
Concen: 20.924 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.6	77.4

Manual Integrations
APPROVED

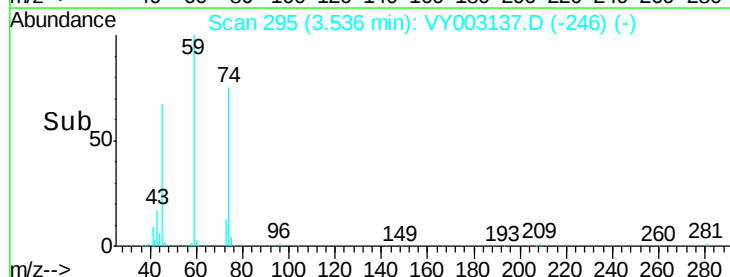
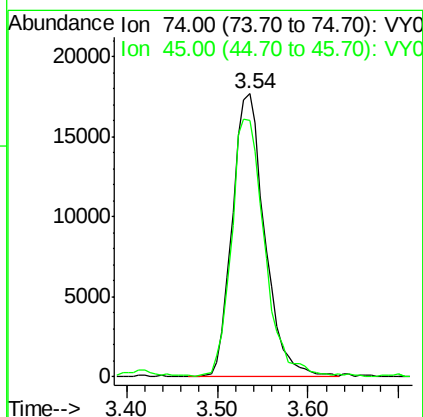
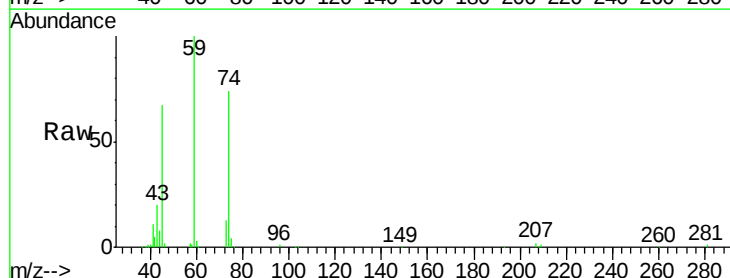
MMDadoda
7/9/2020 10:48:52 AM

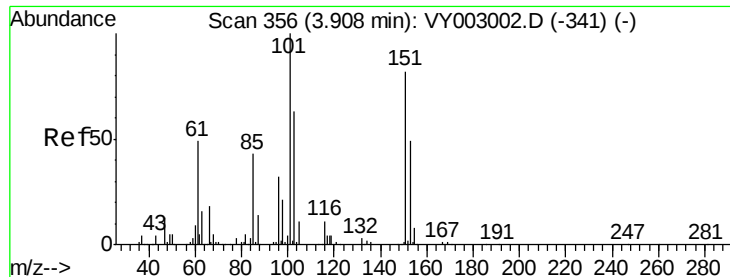


#8

Diethyl Ether
Concen: 21.025 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.506 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

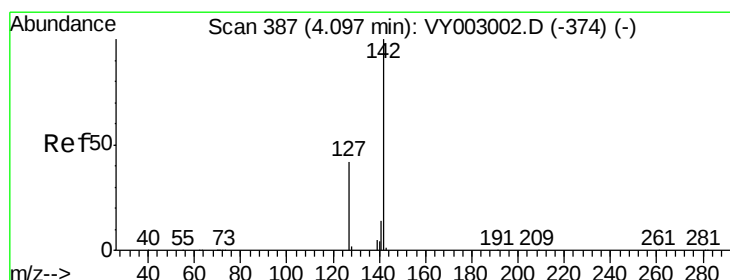
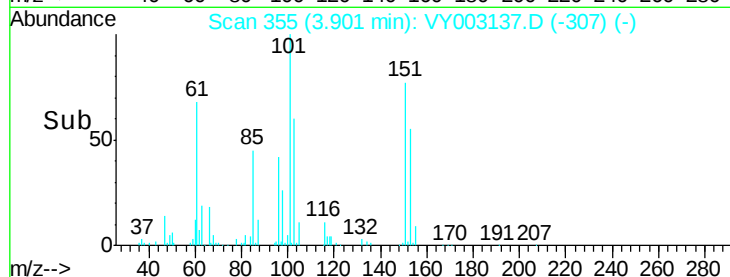
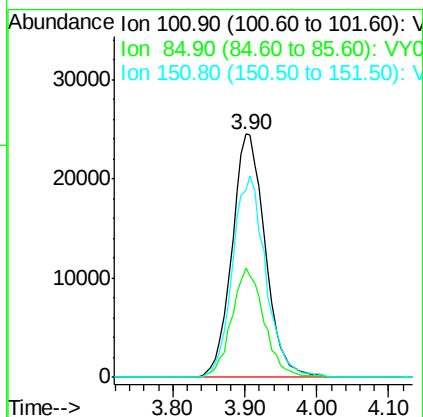
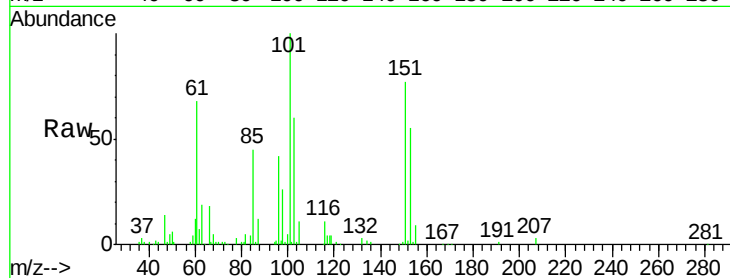
ClientSampleId :

VY0708SBS01

Tot Ion:	101	Resp:	78554
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.5	53.3
151	82.7	65.5	98.3

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:52 AM



#10

Methyl Iodide

Concen: 20.730 ug/l

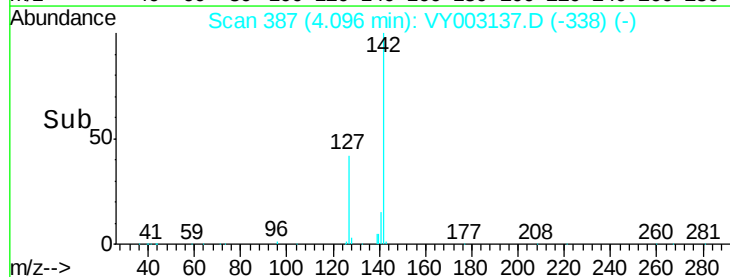
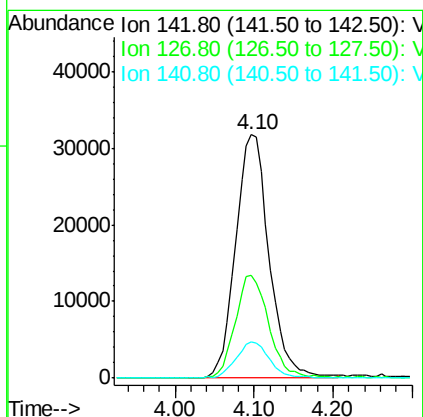
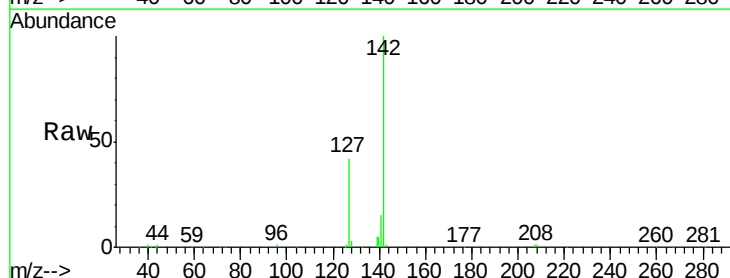
RT: 4.10 min Scan# 387

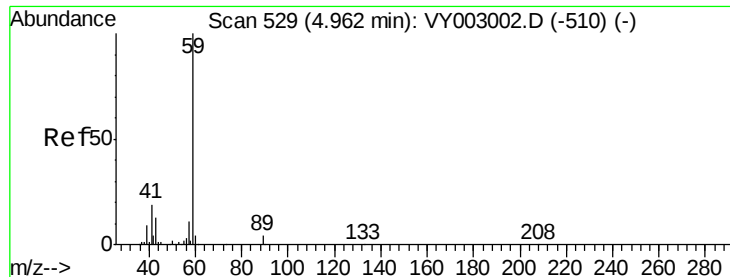
Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Tgt Ion:	142	Resp:	93894
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.2	51.2
141	14.8	11.7	17.5





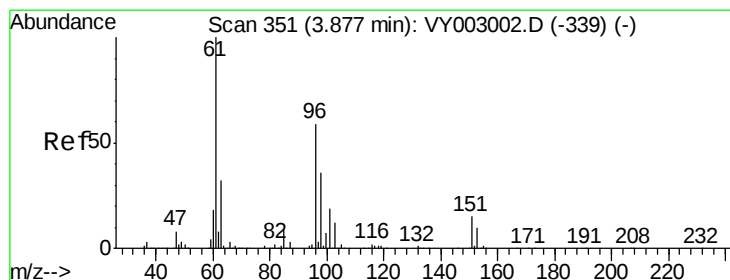
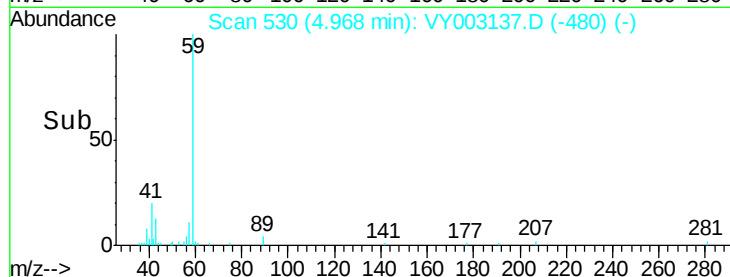
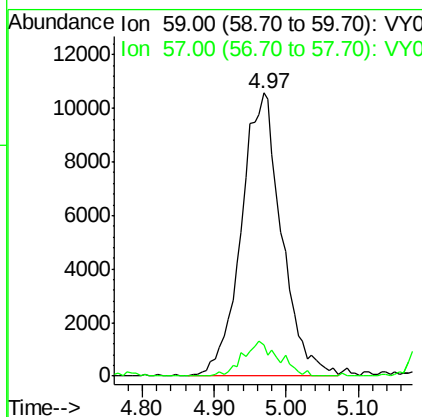
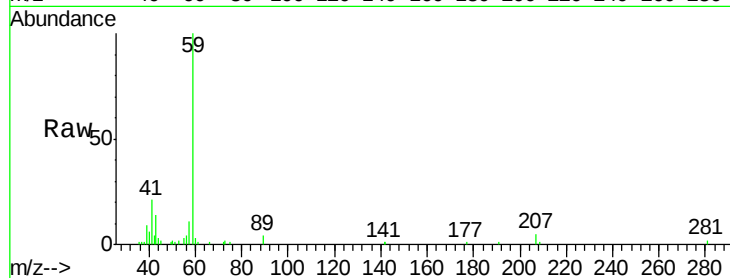
#11
Tert butyl alcohol
Concen: 101.463 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	59	Resp	41147
Ion Ratio	100	Lower	Upper
57	10.9	8.0	12.0

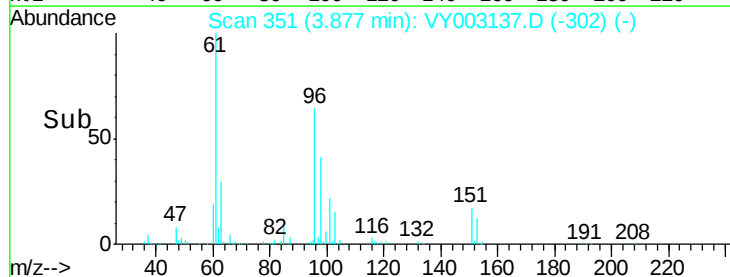
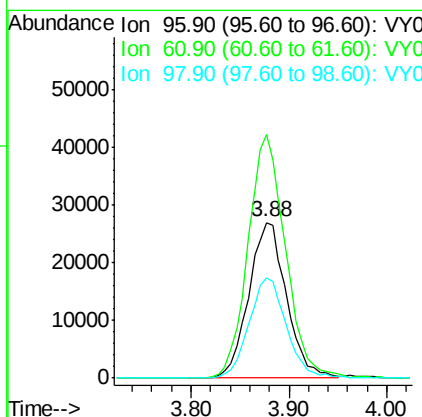
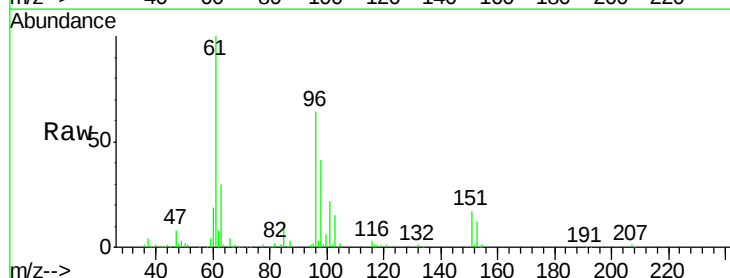
Manual Integrations
APPROVED

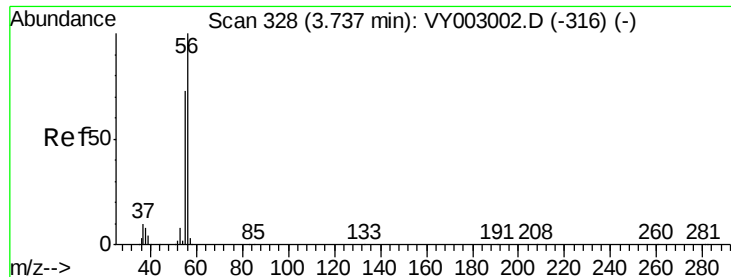
MMDadoda
7/9/2020 10:48:52 AM



#12
1,1-Dichloroethene
Concen: 20.696 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	96	Resp	71928
Ion Ratio	100	Lower	Upper
61	156.3	136.7	205.1
98	64.1	49.7	74.5





#13

Acrolein

Concen: 80.918 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 56 Resp: 29473

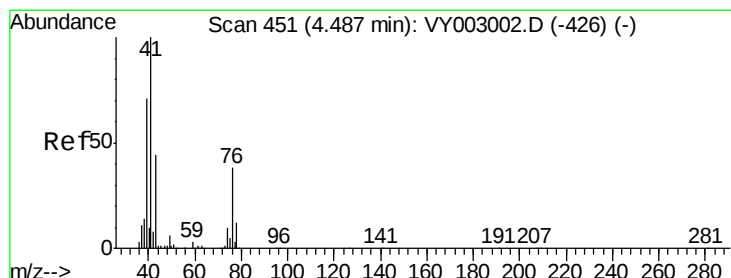
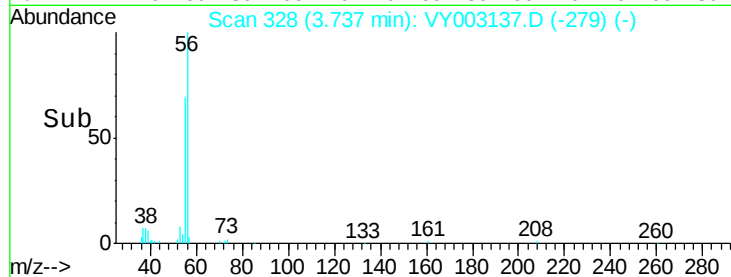
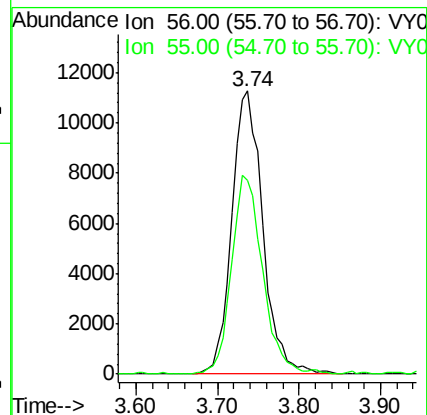
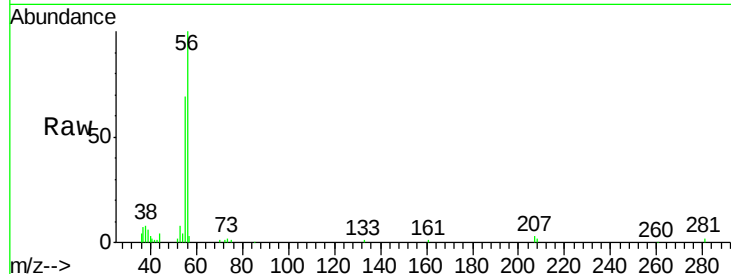
Ion Ratio Lower Upper

56 100

55 70.4 56.4 84.6

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:52 AM



#14

Allyl chloride

Concen: 17.646 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

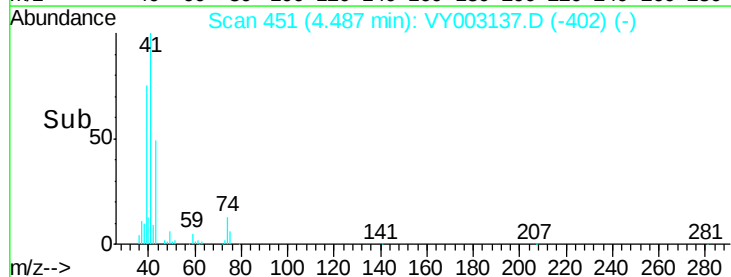
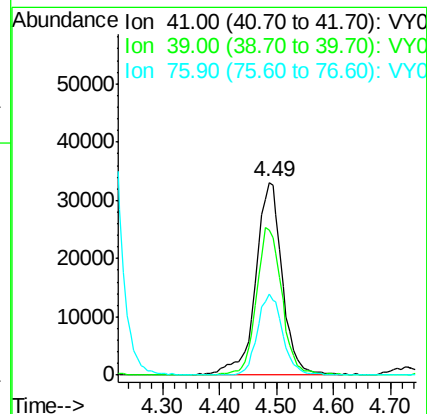
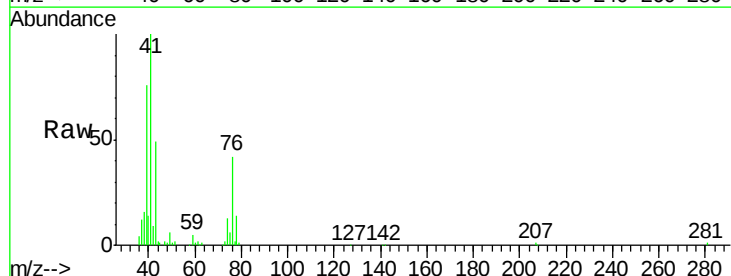
Tgt Ion: 41 Resp: 107074

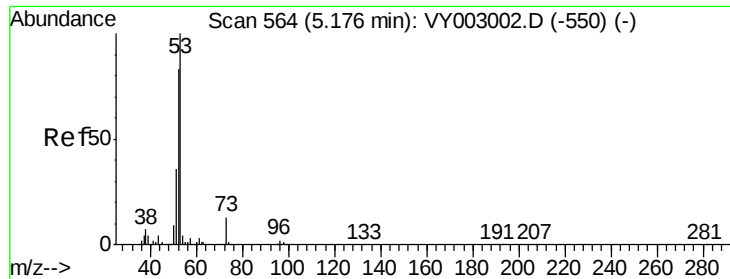
Ion Ratio Lower Upper

41 100

39 73.3 55.6 83.4

76 39.6 28.6 43.0





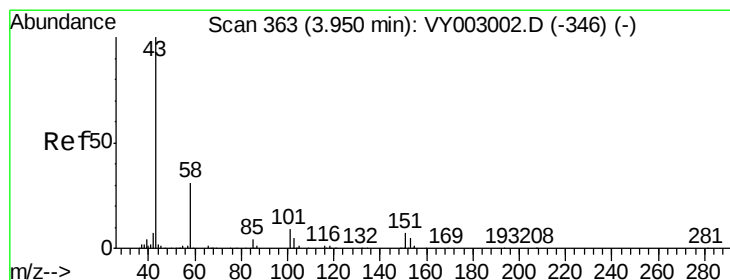
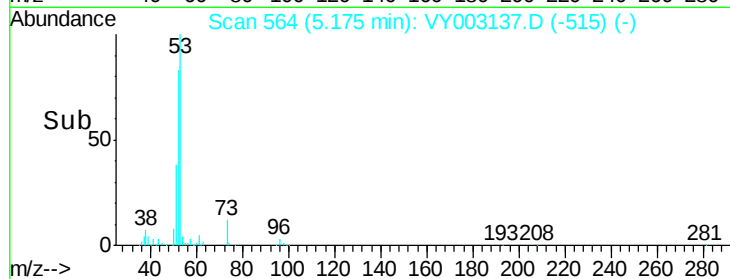
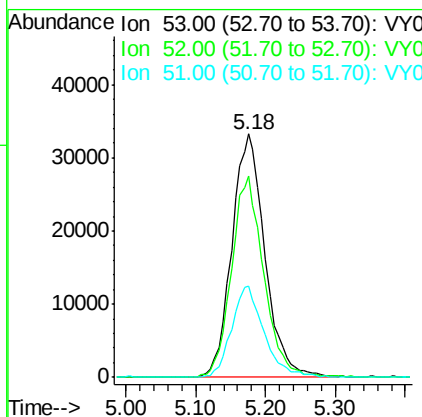
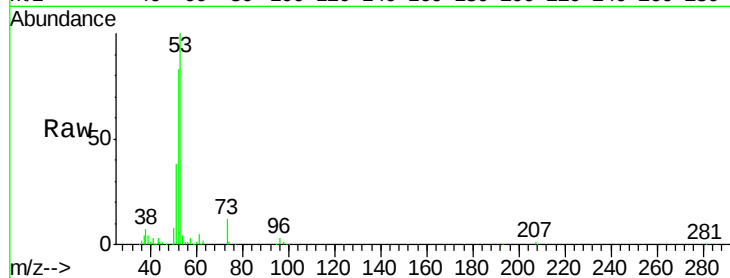
#15
 Acrylonitrile
 Concen: 100.568 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.2	99.2
51	37.0	29.5	44.3

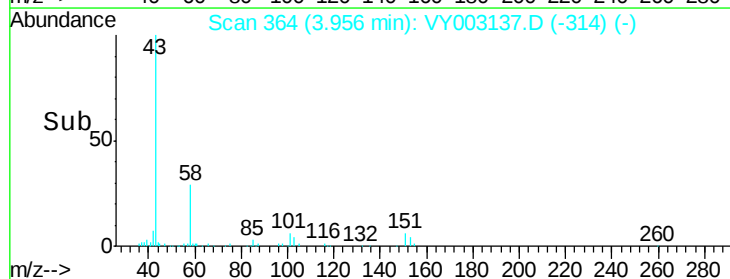
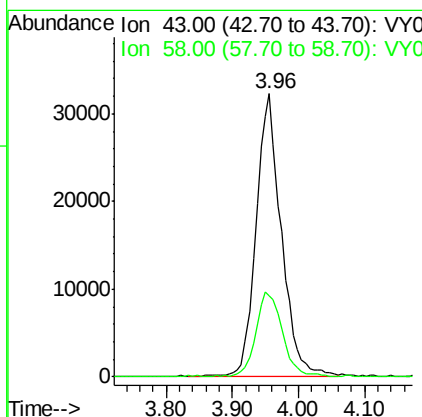
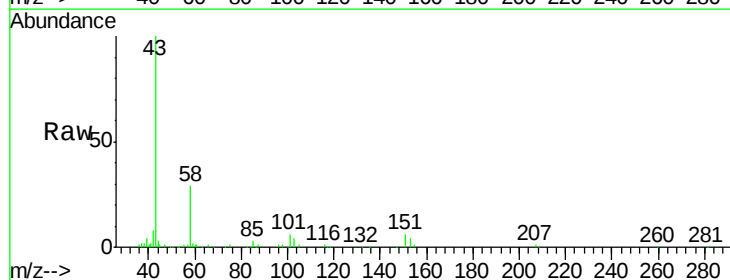
Manual Integrations
 APPROVED

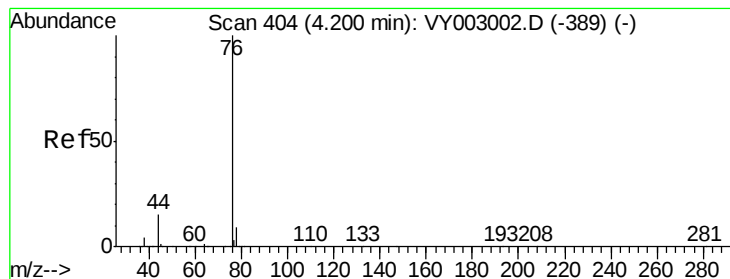
MMDadoda
 7/9/2020 10:48:52 AM



#16
 Acetone
 Concen: 90.809 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.7	37.1





#17

Carbon Disulfide

Concen: 19.060 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 76 Resp: 211643

Ion Ratio Lower Upper

76 100

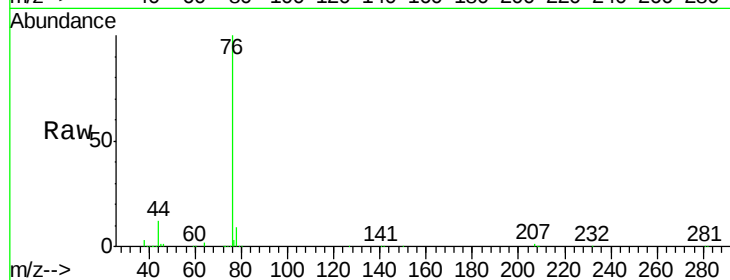
78 8.8 7.0 10.6

Manual Integrations

APPROVED

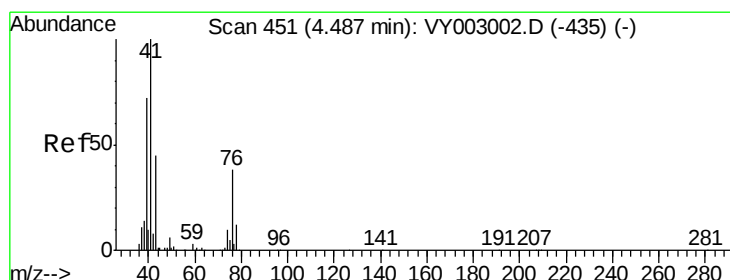
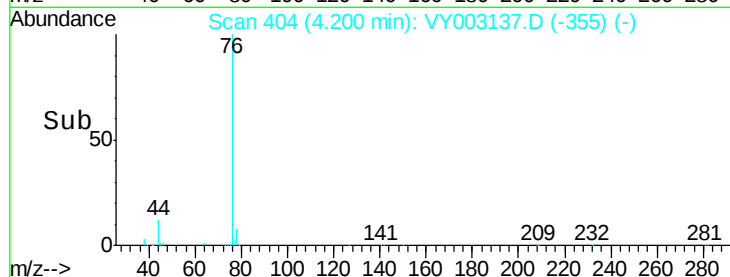
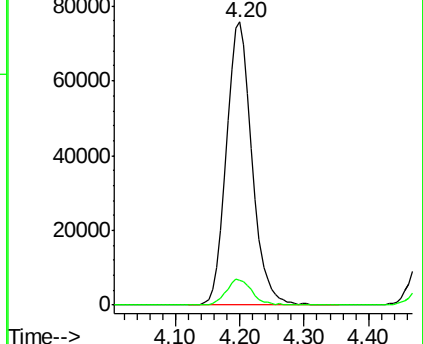
MMDadoda

7/9/2020 10:48:52 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.147 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003137.D

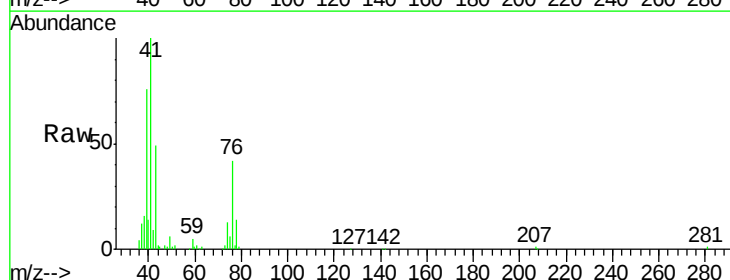
Acq: 08 Jul 2020 15:32

Tgt Ion: 43 Resp: 50942

Ion Ratio Lower Upper

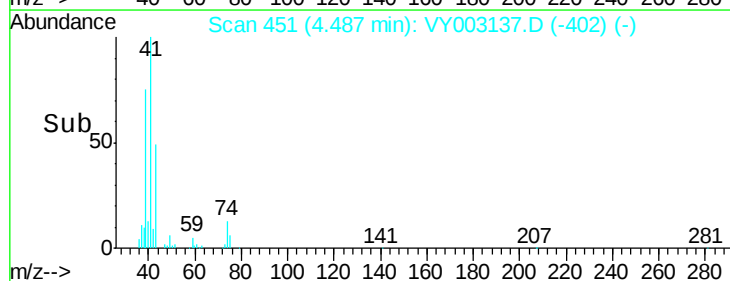
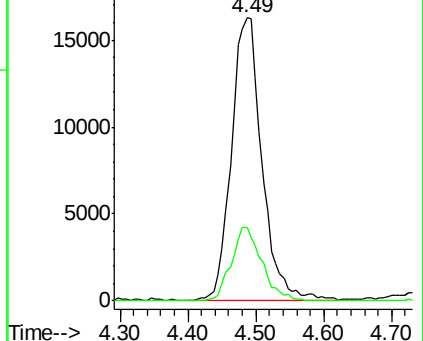
43 100

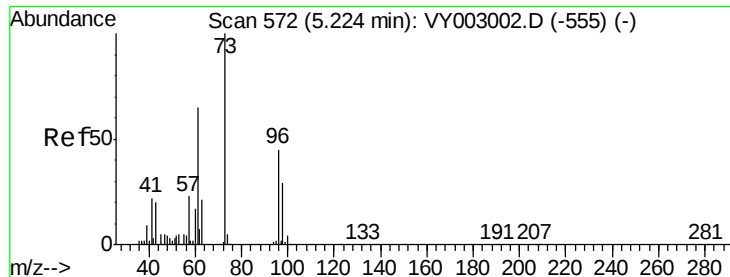
74 25.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





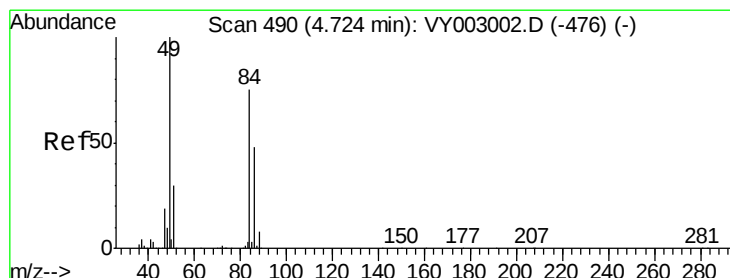
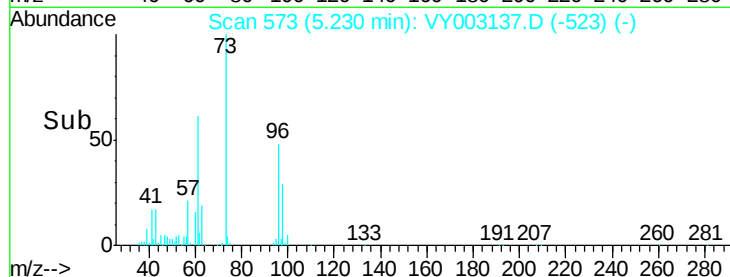
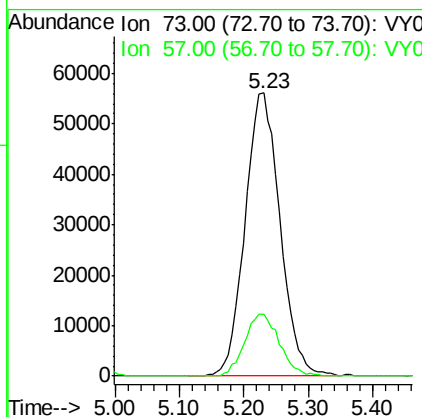
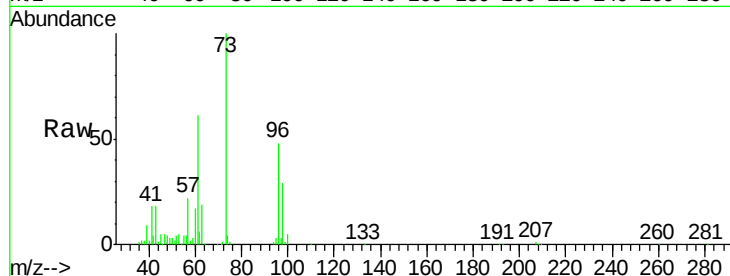
#19
Methvl tert-butvl Ether
Concen: 20.670 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	73	Resp	209397
Ion Ratio	Lower	Upper	
73	100		
57	21.9	18.2	27.2

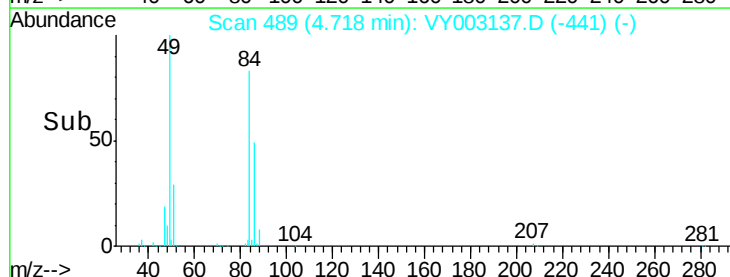
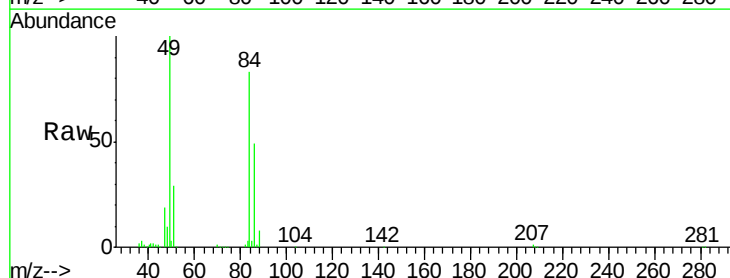
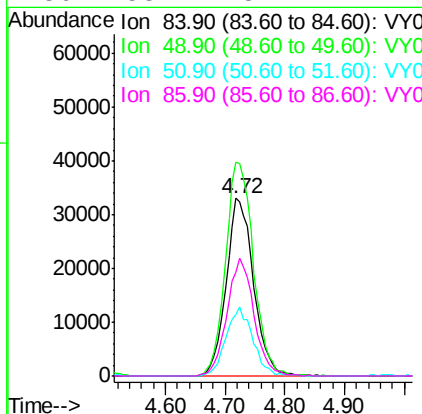
Manual Integrations
APPROVED

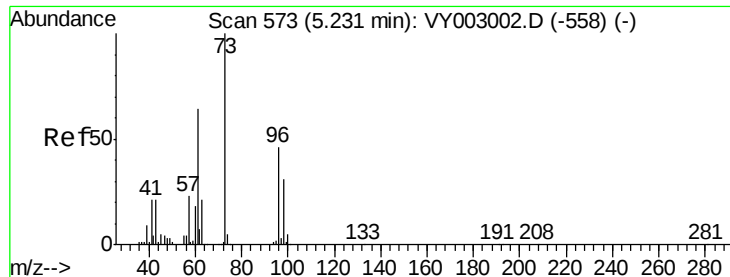
MMDadoda
7/9/2020 10:48:52 AM



#20
Methylene Chloride
Concen: 21.023 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	84	Resp	104963
Ion Ratio	Lower	Upper	
84	100		
49	120.5	106.8	160.2
51	34.9	32.0	48.0
86	58.7	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 20.800 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

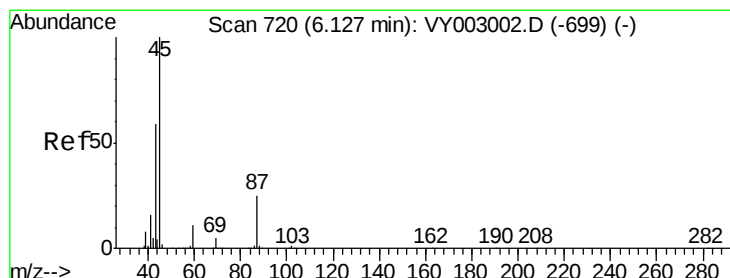
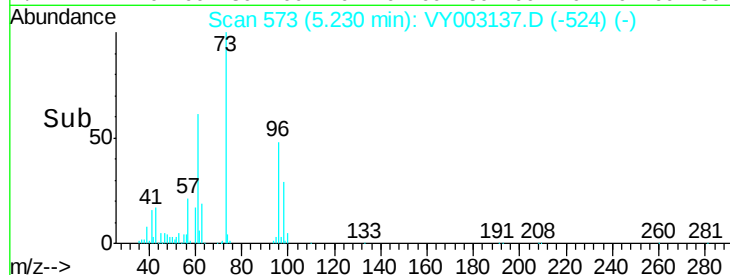
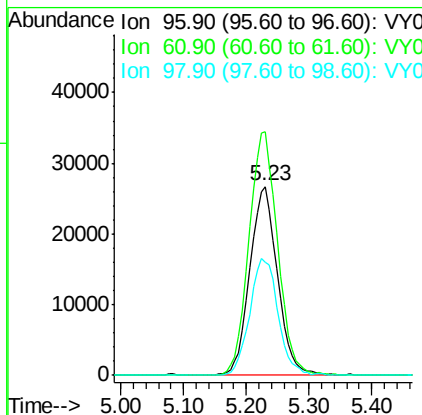
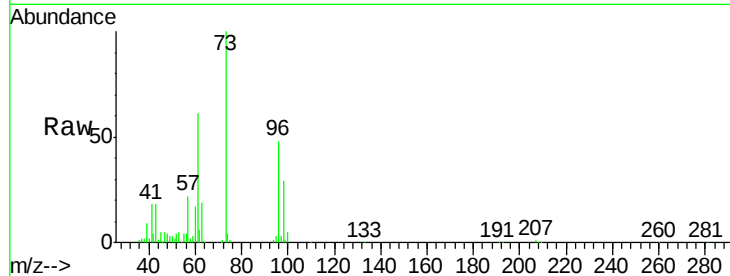
ClientSampleId :

VY0708SBS01

Tot Ion:	96	Resp:	81770
Ion	Ratio	Lower	Upper
96	100		
61	129.1	112.3	168.5
98	60.0	53.8	80.8

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:52 AM



#22

Diisopropyl ether

Concen: 19.029 ug/l

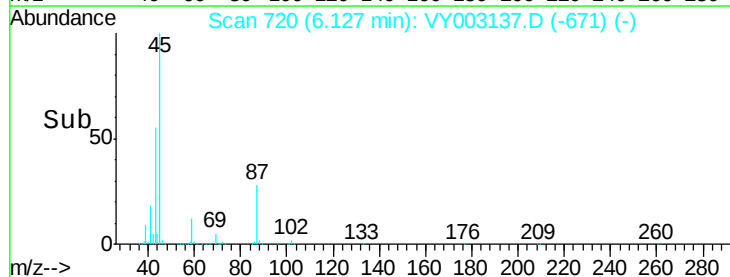
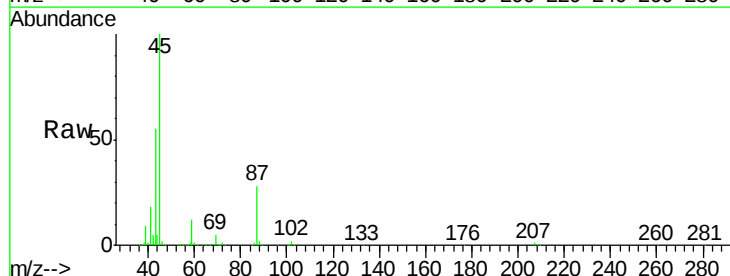
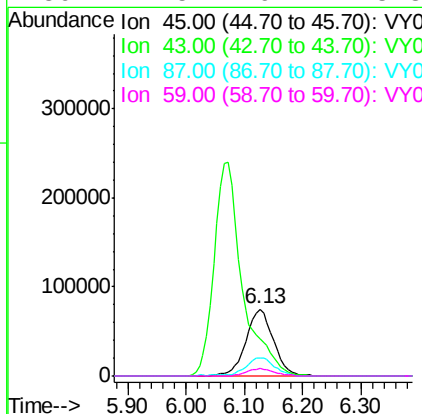
RT: 6.13 min Scan# 720

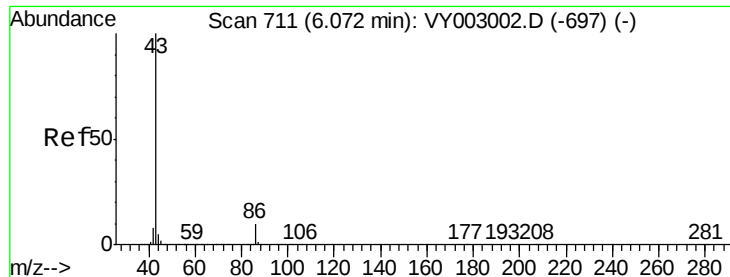
Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Tgt Ion:	45	Resp:	247478
Ion	Ratio	Lower	Upper
45	100		
43	55.0	47.4	71.2
87	27.9	20.2	30.2
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 92.994 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 43 Resp: 808585

Ion Ratio Lower Upper

43 100

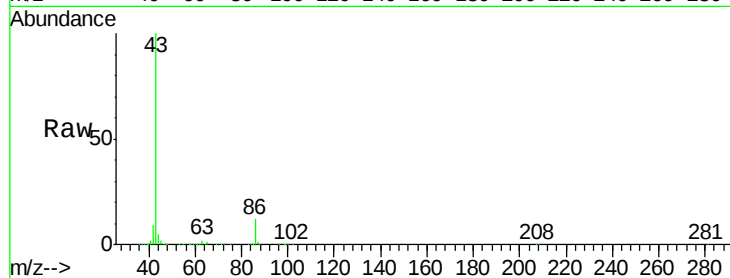
86 11.9 8.1 12.1

Manual Integrations

APPROVED

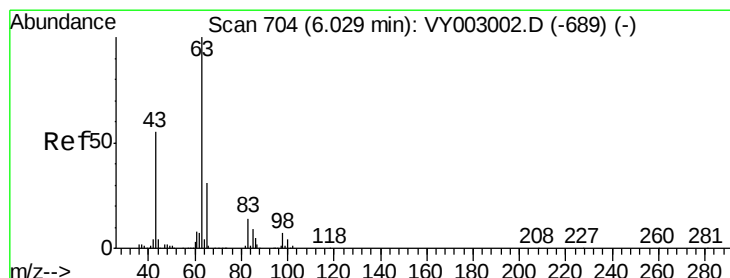
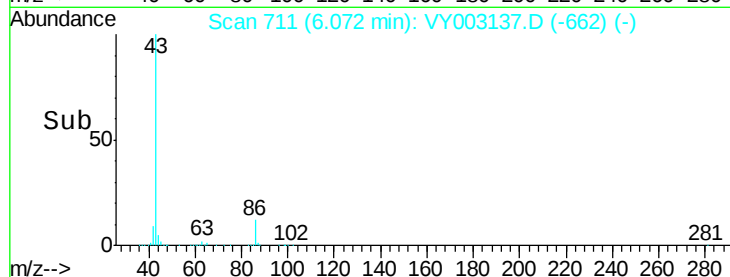
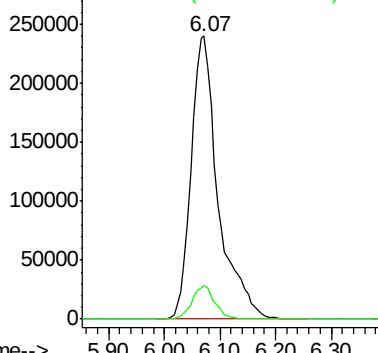
MMDadoda

7/9/2020 10:48:52 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.709 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

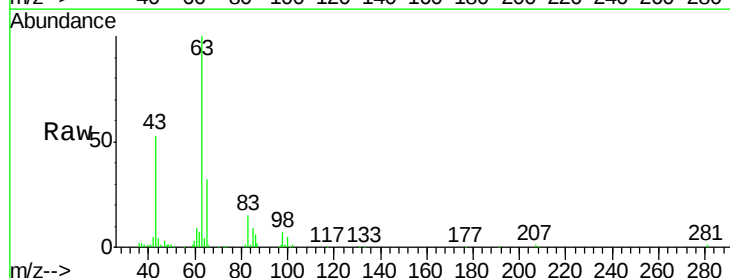
Tgt Ion: 63 Resp: 140017

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

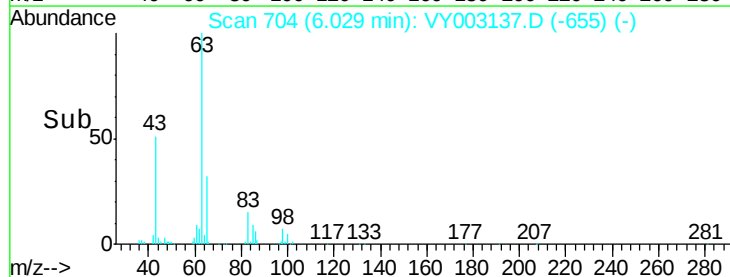
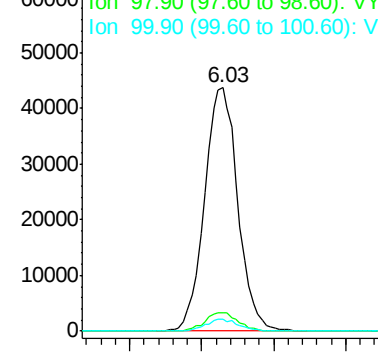
100 5.0 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 92.554 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 43 Resp: 137983

Ion Ratio Lower Upper

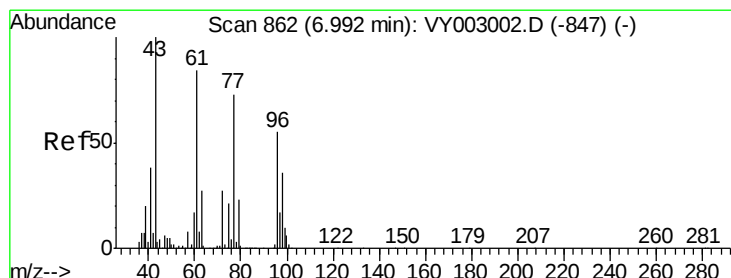
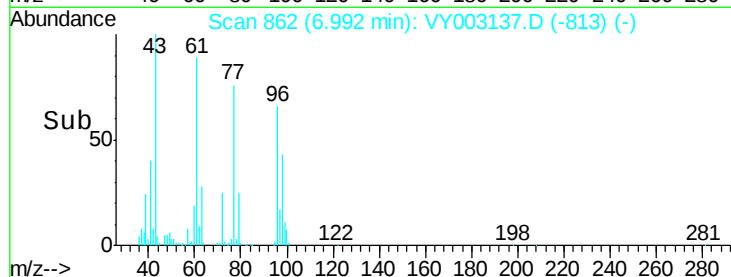
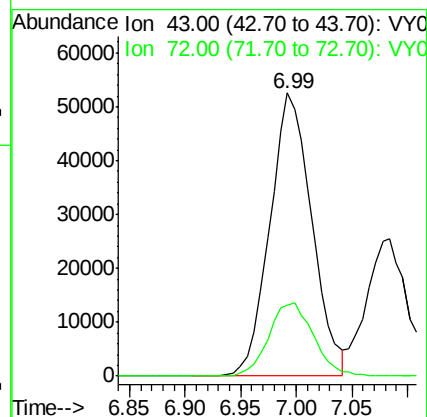
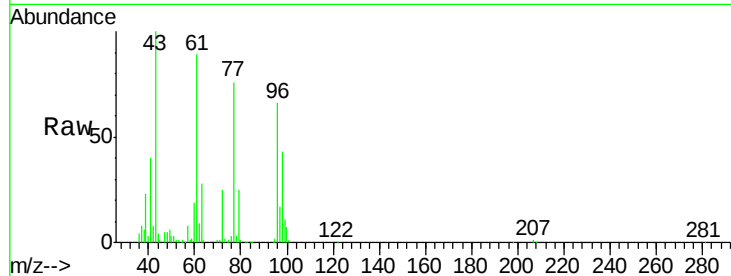
43 100

72 25.2 21.4 32.0

Manual Integrations
APPROVED

MMDadoda

7/9/2020 10:48:52 AM



#26

2,2-Dichloropropane

Concen: 19.757 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003137.D

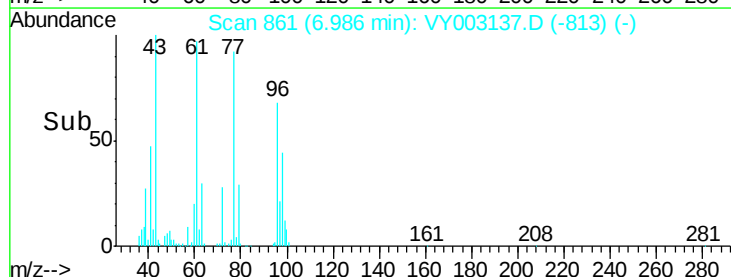
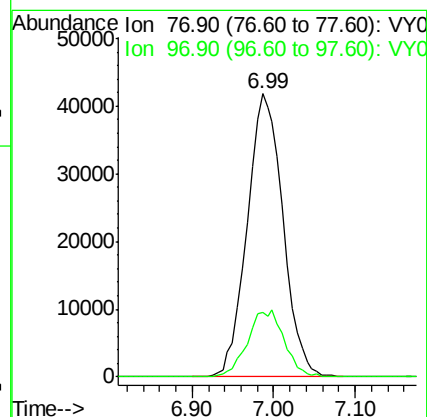
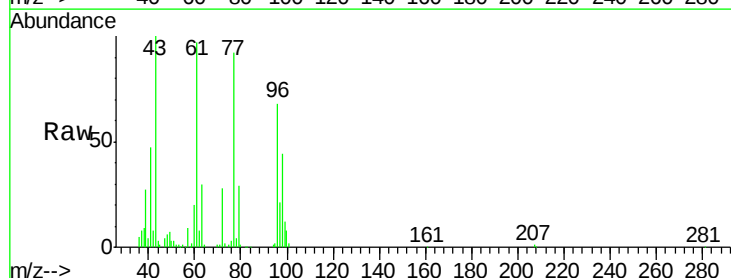
Acq: 08 Jul 2020 15:32

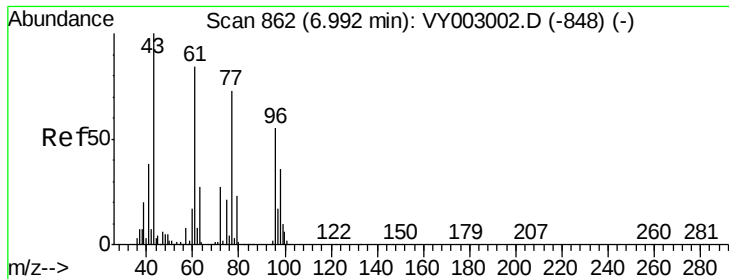
Tgt Ion: 77 Resp: 127526

Ion Ratio Lower Upper

77 100

97 24.1 11.3 33.9





#27

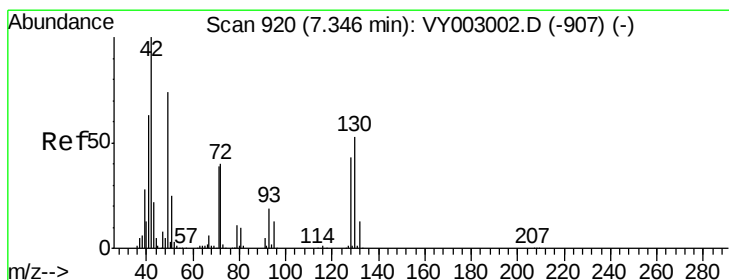
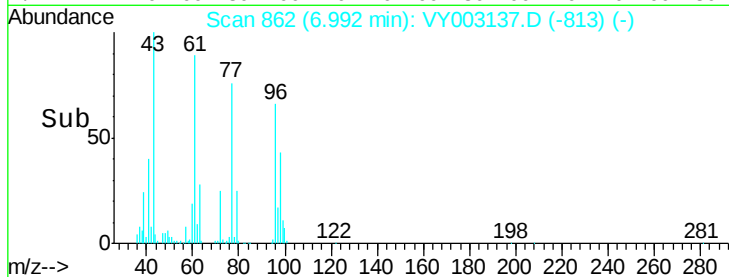
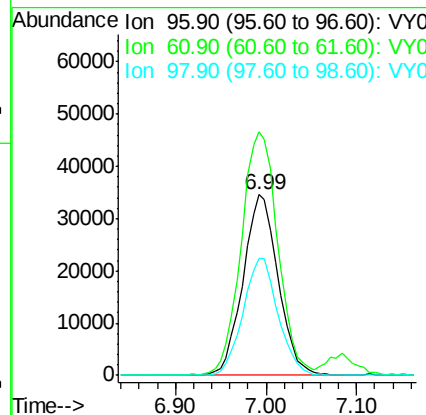
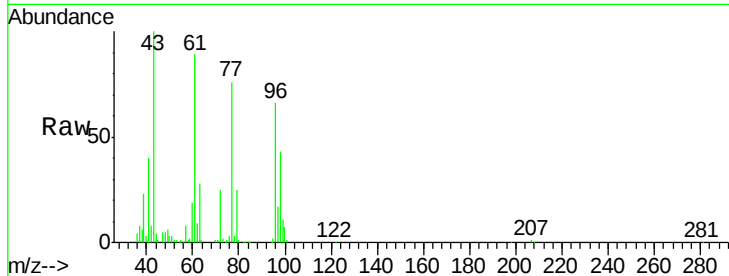
cis-1,2-Dichloroethene
 Concen: 21.017 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	301.2
98	64.7	0.0	129.0

Manual Integrations
 APPROVED

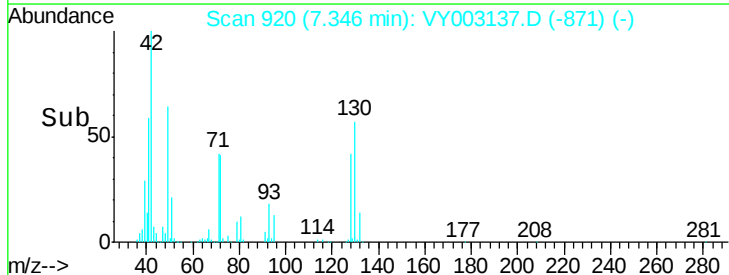
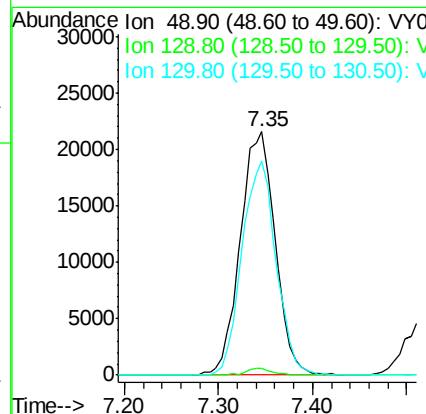
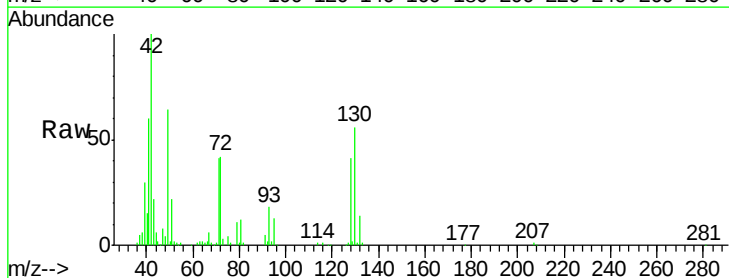
MMDadoda
 7/9/2020 10:48:52 AM

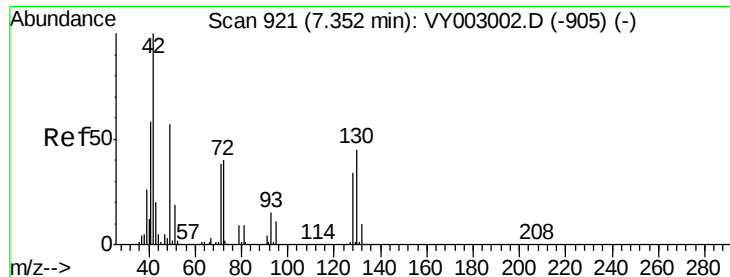


#28

Bromochloromethane
 Concen: 17.708 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	85.9	57.0	85.6#





#29

Tetrahydrofuran

Concen: 96.683 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

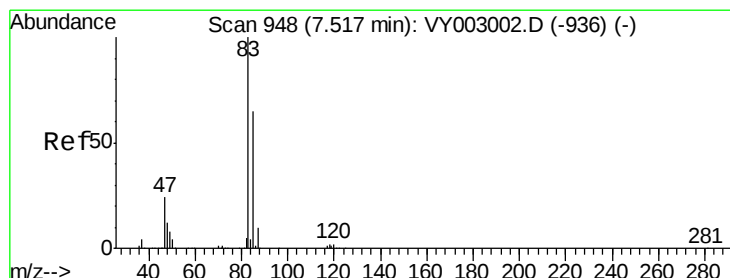
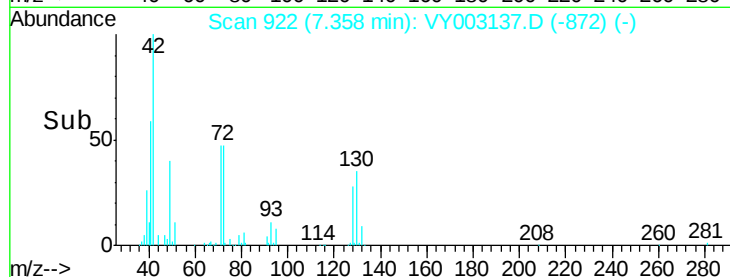
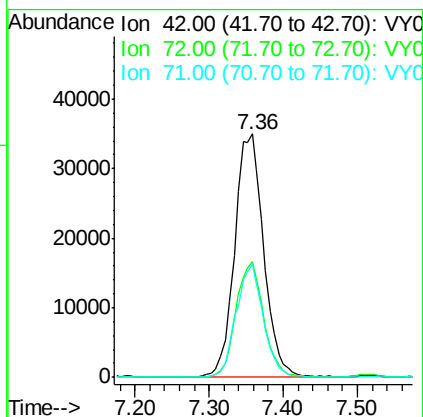
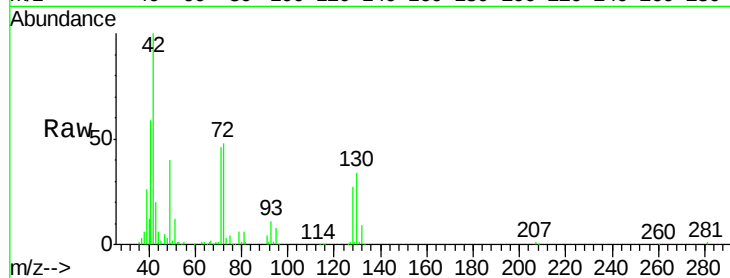
ClientSampleId :

VY0708SBS01

Tot Ion:	42	Resp:	95852
Ion Ratio		Lower	Upper
42	100		
72	45.5	32.9	49.3
71	43.4	31.2	46.8

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:52 AM



#30

Chloroform

Concen: 20.999 ug/l

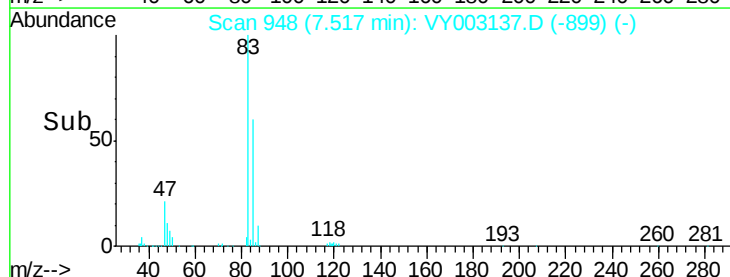
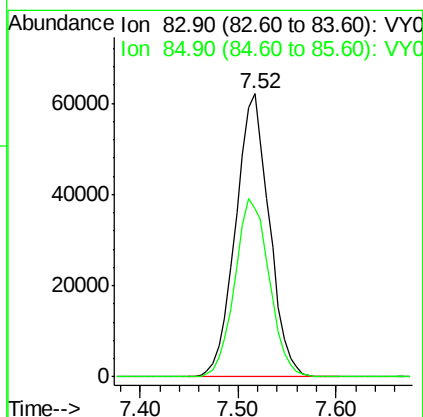
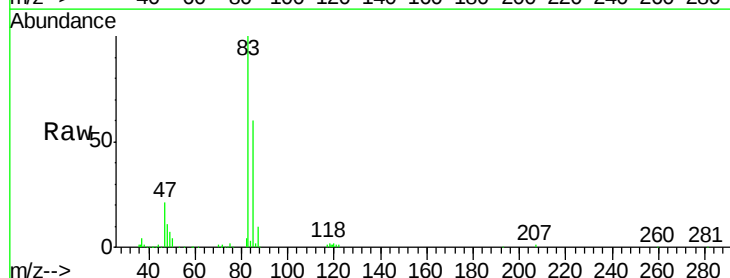
RT: 7.52 min Scan# 948

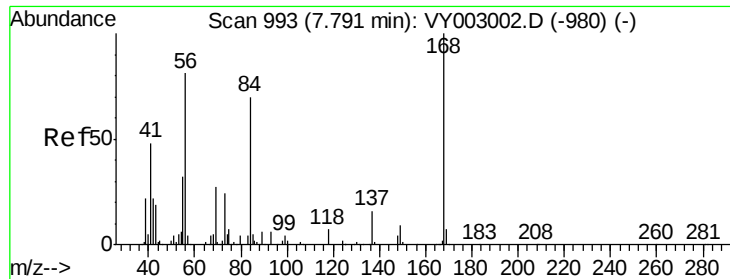
Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Tgt Ion:	83	Resp:	147790
Ion Ratio		Lower	Upper
83	100		
85	59.5	51.7	77.5





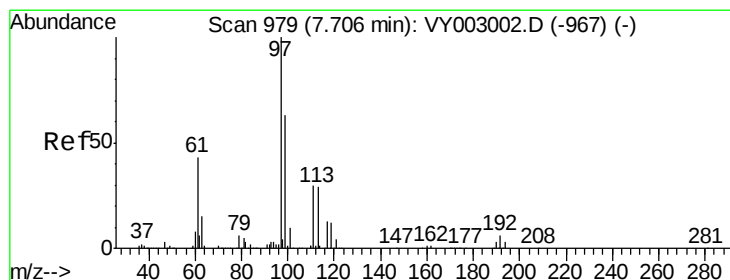
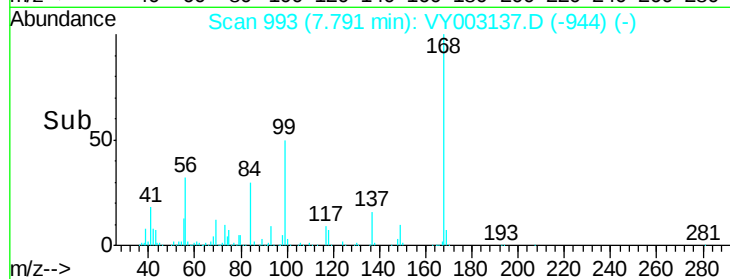
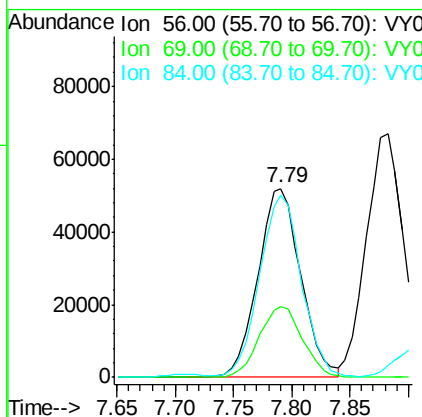
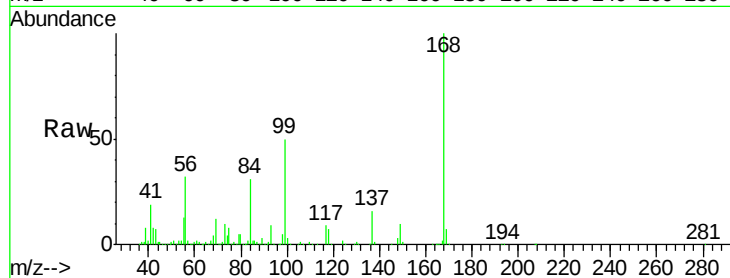
#31
Cyclohexane
Concen: 19.009 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	27.0	40.4
84	94.8	68.1	102.1

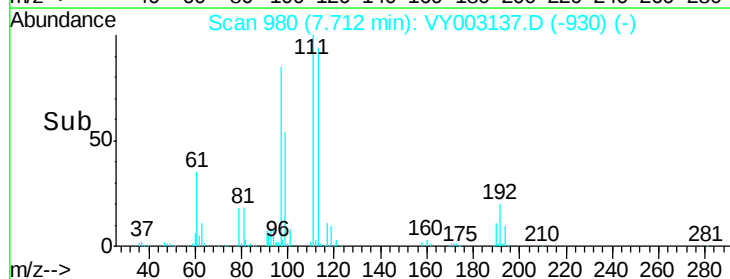
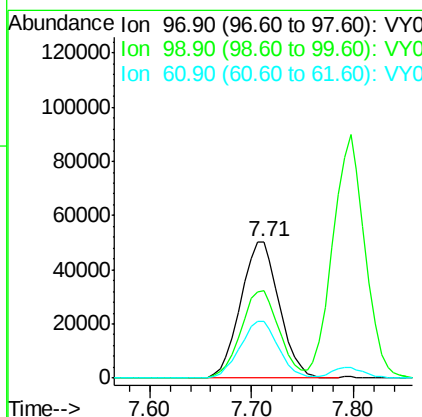
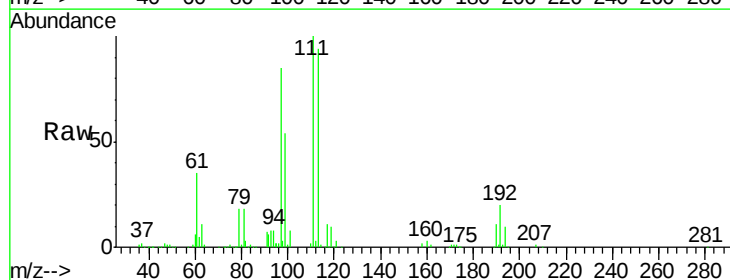
Manual Integrations
APPROVED

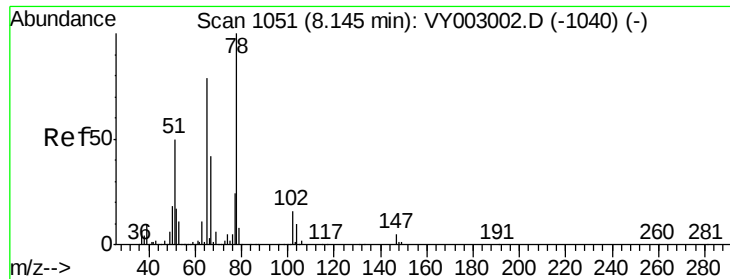
MMDadoda
7/9/2020 10:48:52 AM



#32
1,1,1-Trichloroethane
Concen: 20.578 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.4	77.2
61	41.2	33.9	50.9





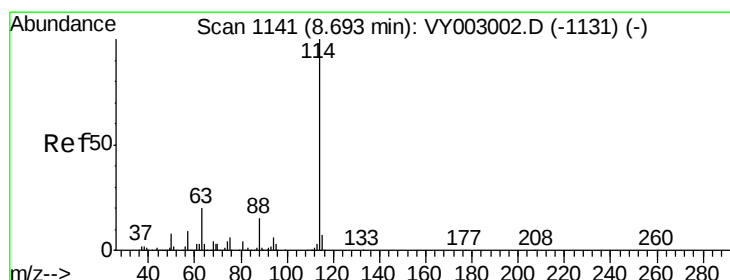
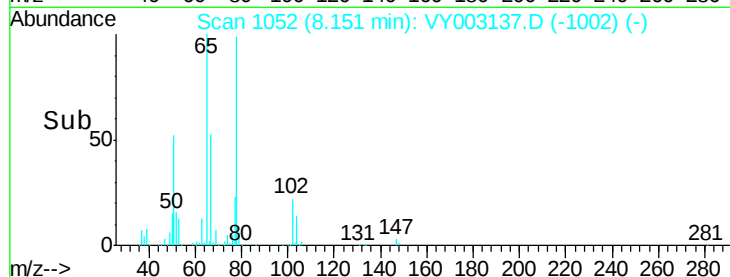
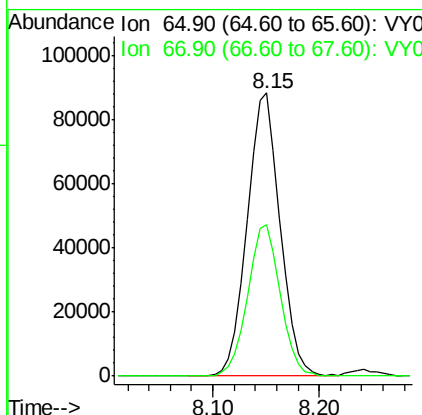
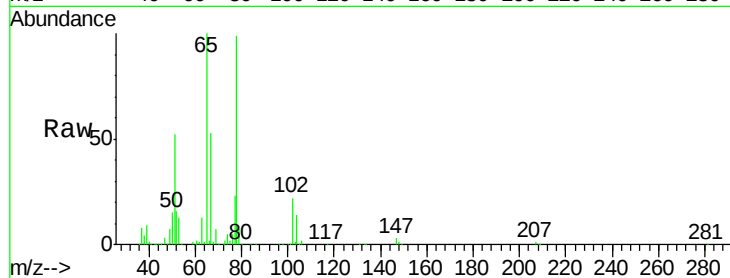
#33
 1,2-Dichloroethane-d4
 Concen: 48.282 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192131		
67	53.0	0.0	105.6	

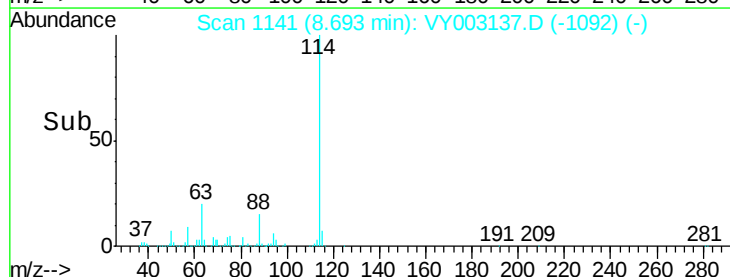
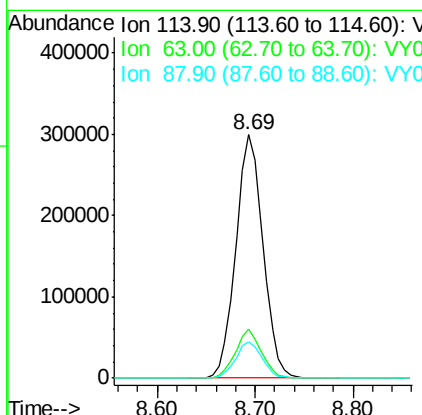
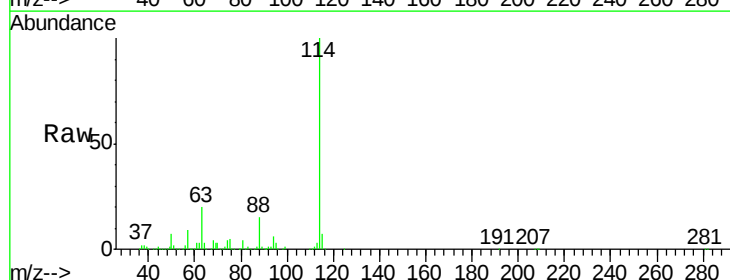
Manual Integrations
 APPROVED

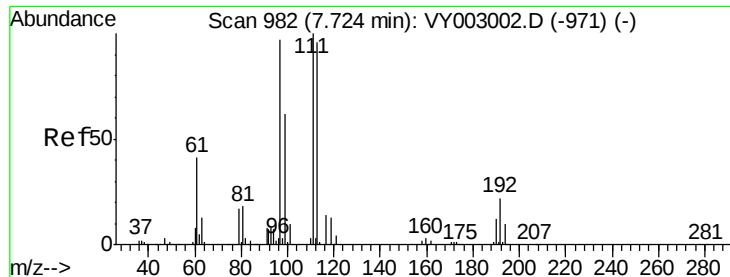
MMDadoda
 7/9/2020 10:48:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	576409		
63	19.9	0.0	40.6	
88	14.7	0.0	30.0	





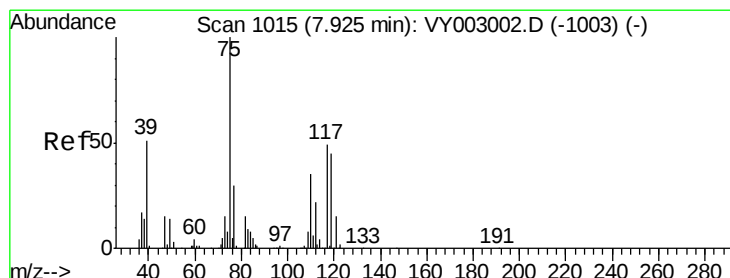
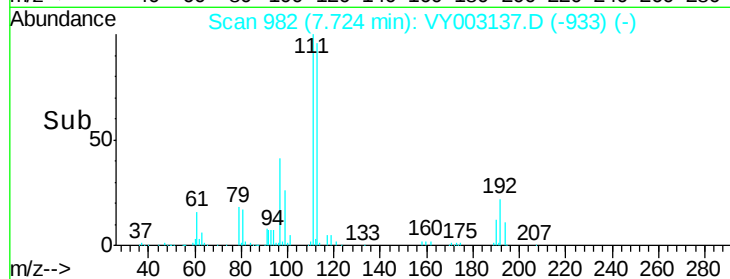
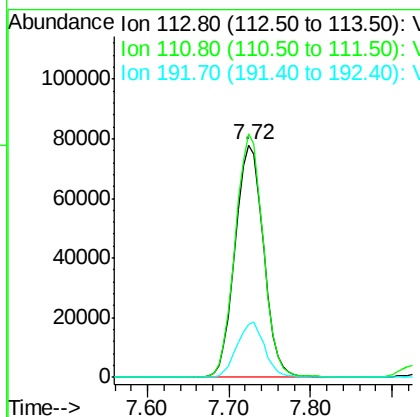
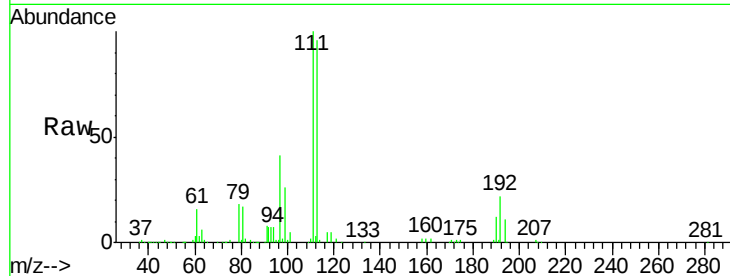
#35
 Dibromofluoromethane
 Concen: 52.239 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	187839		
111	103.2	82.6	123.8	
192	23.0	18.1	27.1	

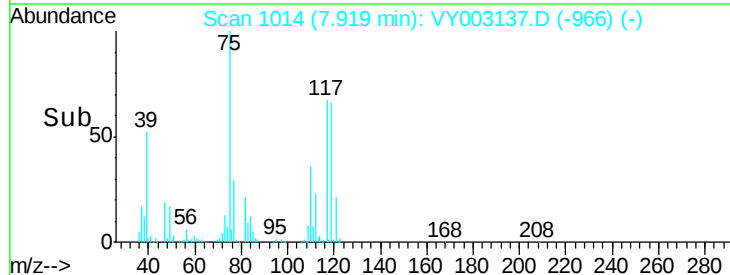
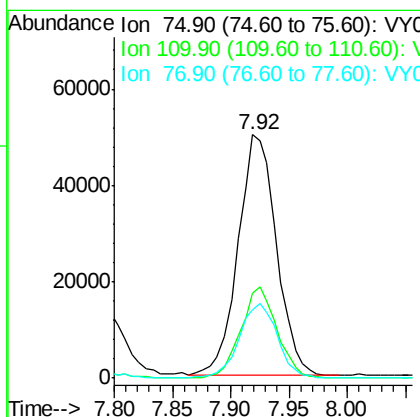
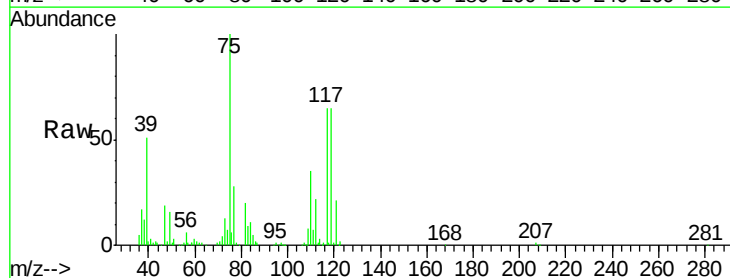
Manual Integrations
 APPROVED

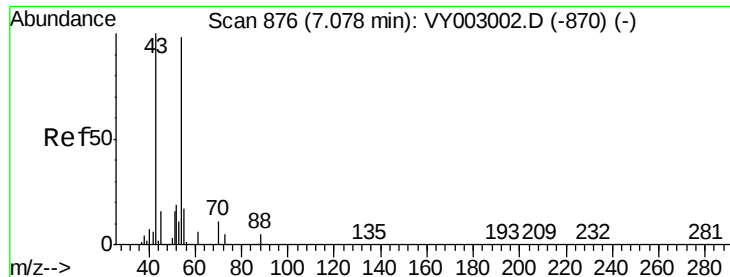
MMDadoda
 7/9/2020 10:48:52 AM



#36
 1,1-Dichloropropene
 Concen: 20.669 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	114756		
110	35.8	17.1	51.2	
77	31.1	24.9	37.3	





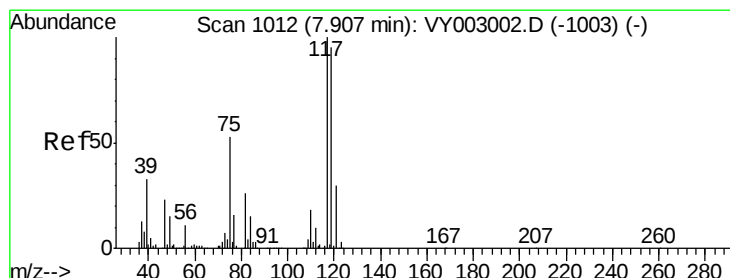
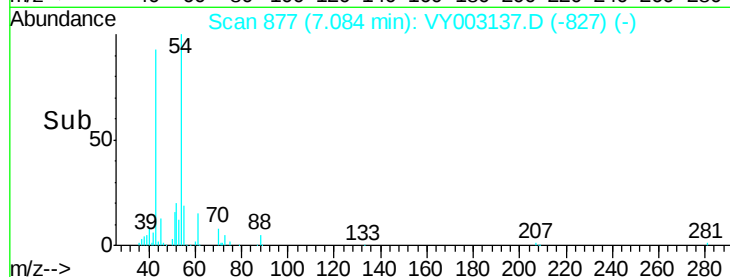
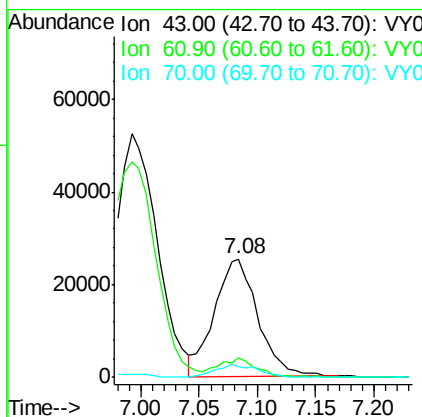
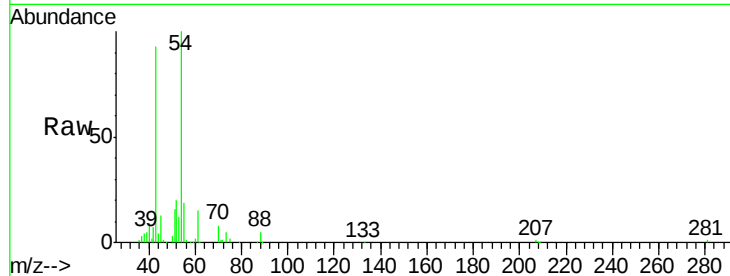
#37
Ethyl Acetate
Concen: 19.729 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	10.5	7.7	11.5

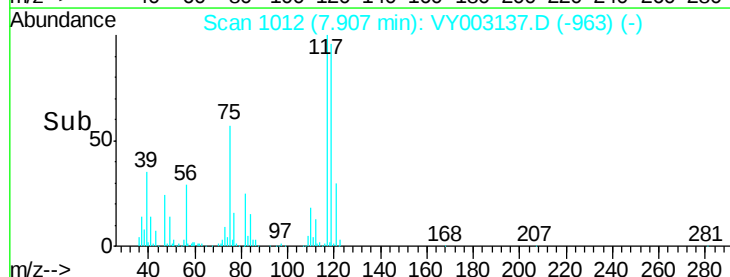
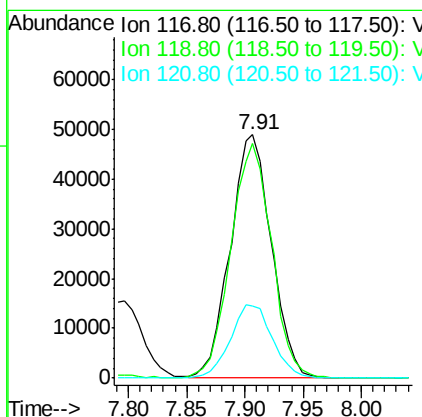
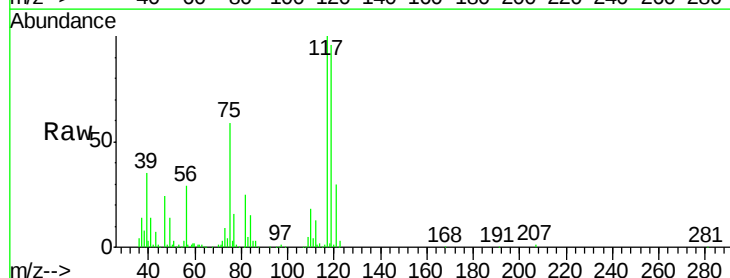
Manual Integrations
APPROVED

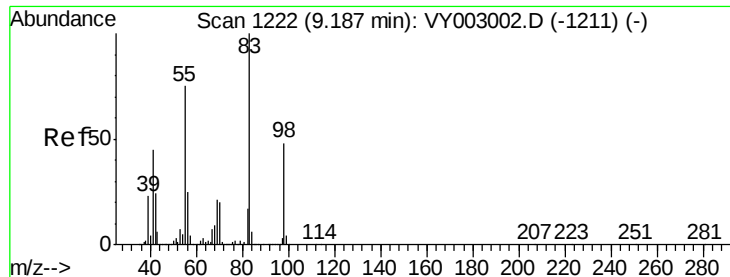
MMDadoda
7/9/2020 10:48:52 AM



#38
Carbon Tetrachloride
Concen: 20.815 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.7	113.5
121	29.7	23.9	35.9





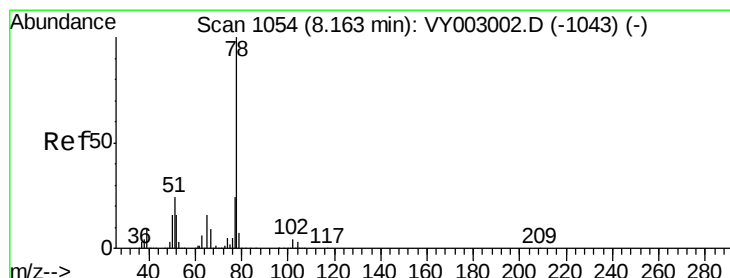
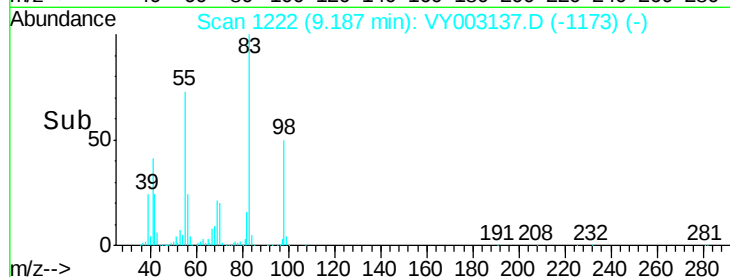
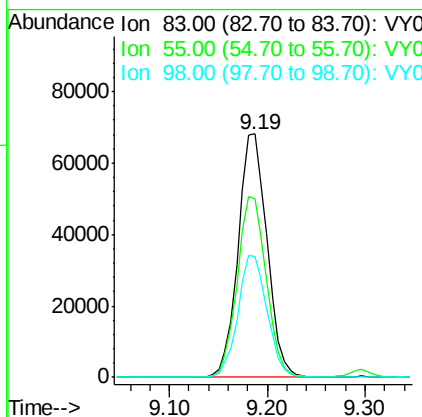
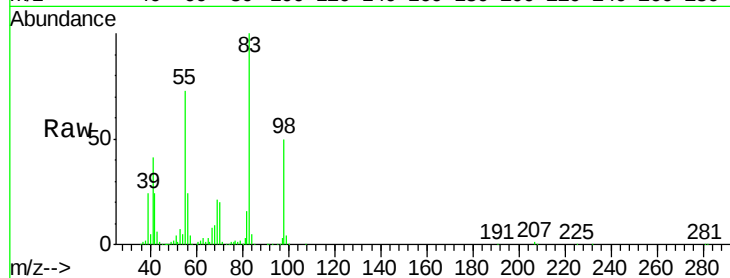
#39
Methvlcvclohexane
Concen: 20.336 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	59.9	89.9
98	49.6	38.7	58.1

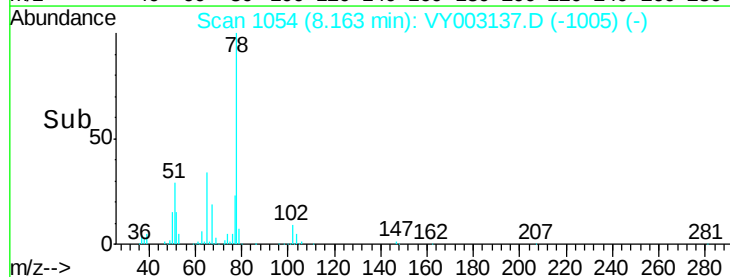
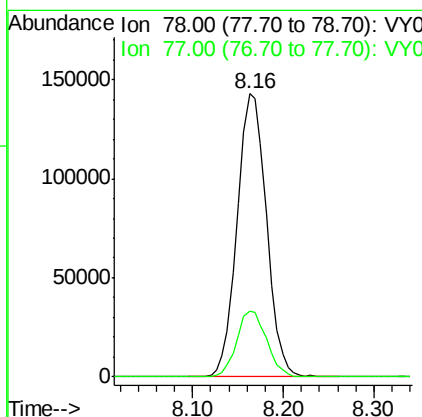
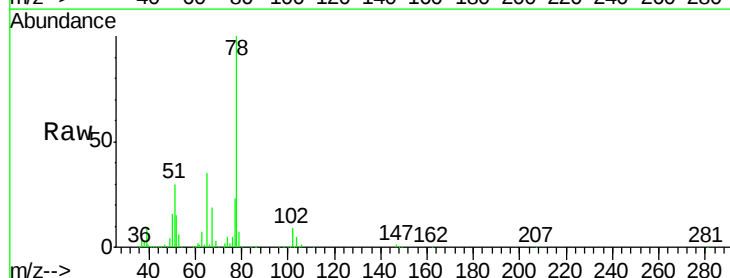
Manual Integrations
APPROVED

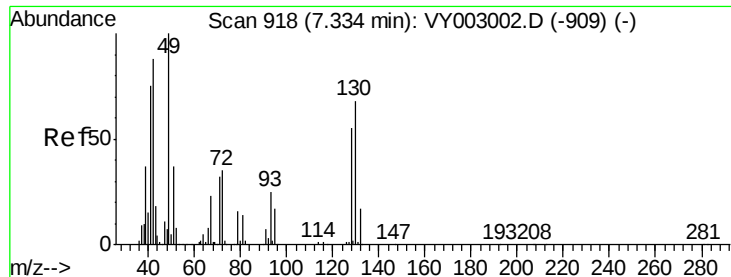
MMDadoda
7/9/2020 10:48:52 AM



#40
Benzene
Concen: 21.094 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





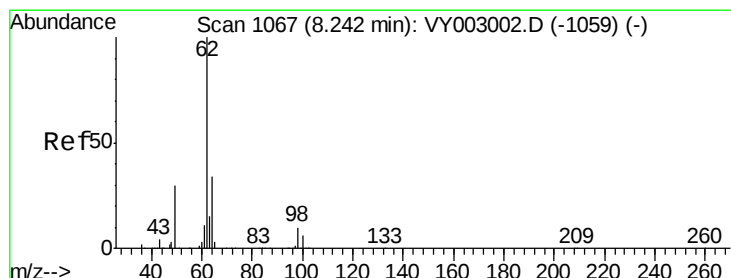
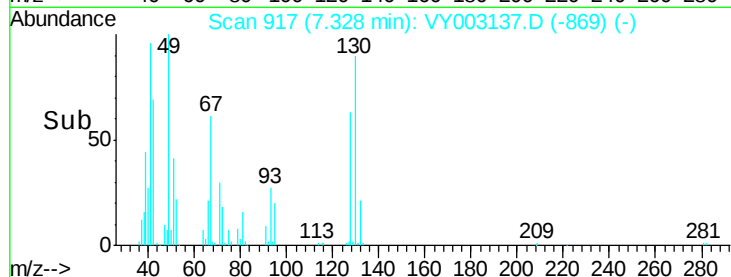
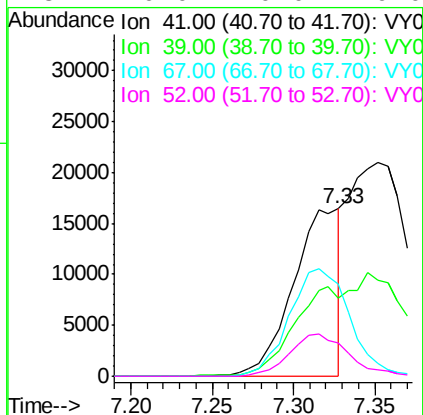
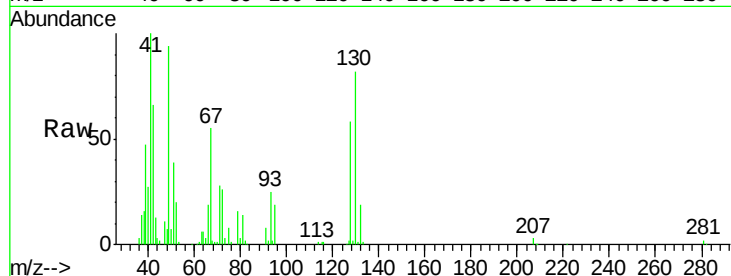
#41
Methacrylonitrile
Concen: 18.739 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	41	Resp	33417
Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

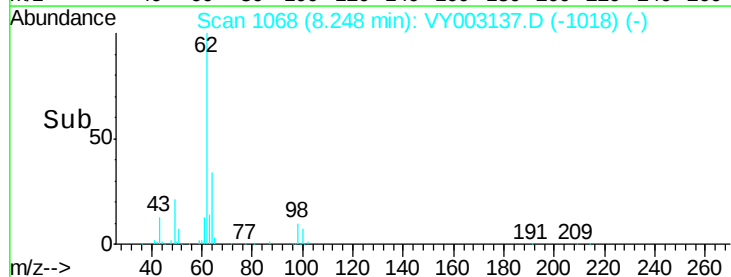
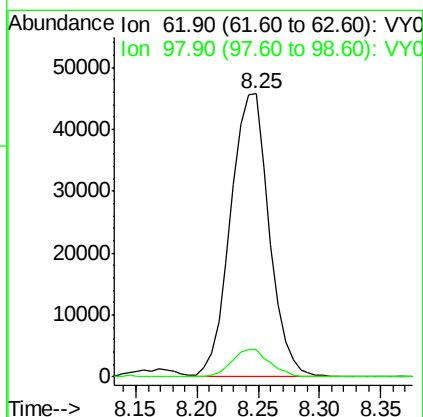
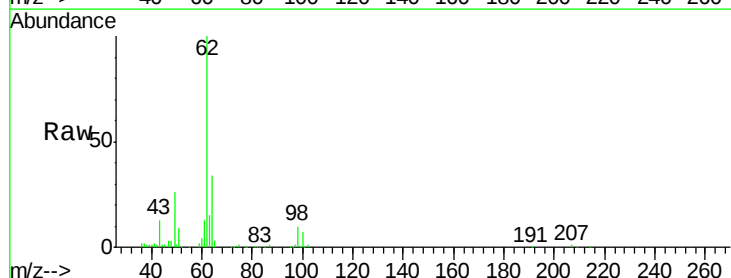
Manual Integrations
APPROVED

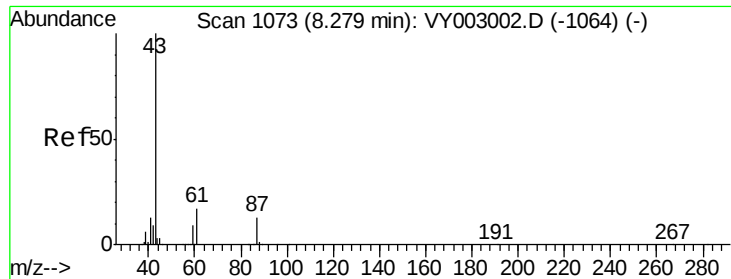
MMDadoda
7/9/2020 10:48:52 AM



#42
1,2-Dichloroethane
Concen: 20.858 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	62	Resp	100301
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





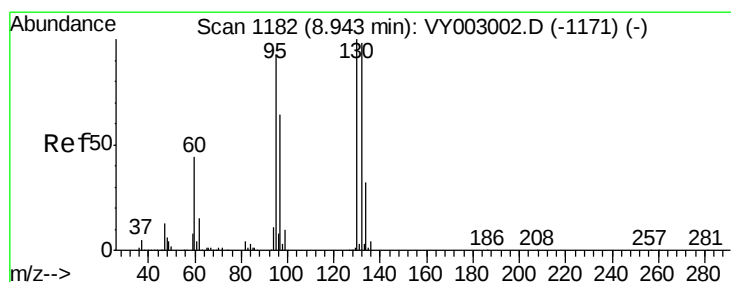
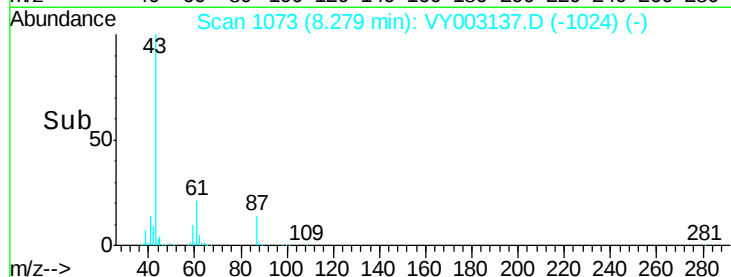
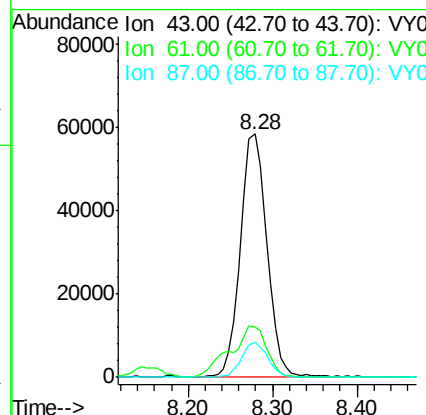
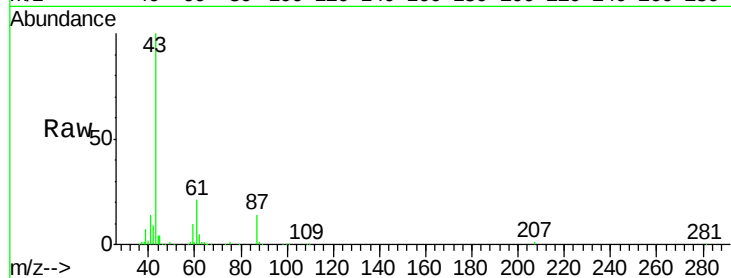
#43
Isopropyl Acetate
Concen: 19.379 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	21.8	32.6
87	14.4	10.1	15.1

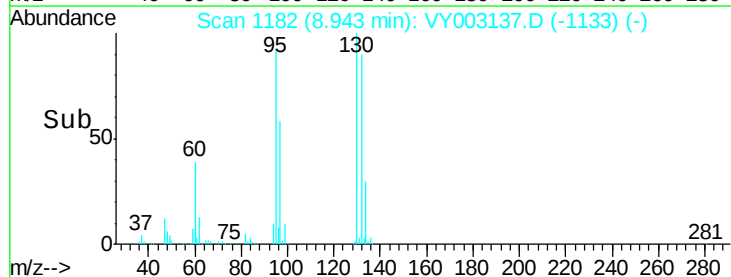
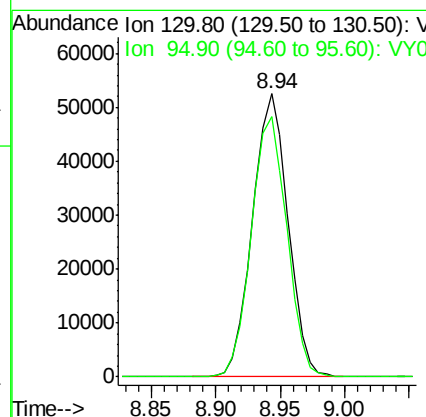
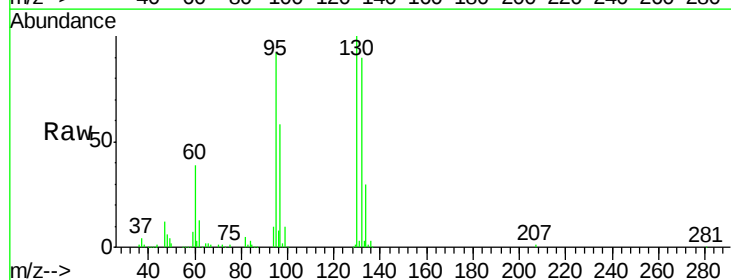
Manual Integrations
APPROVED

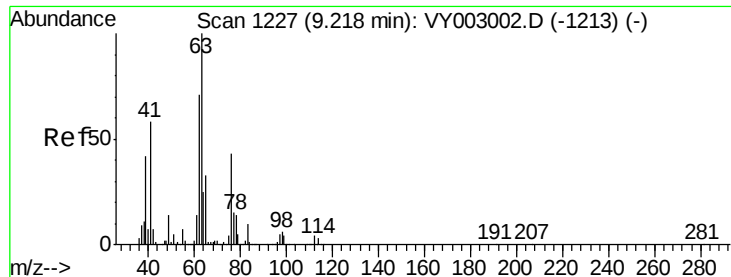
MMDadoda
7/9/2020 10:48:52 AM



#44
Trichloroethene
Concen: 22.633 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	186.4





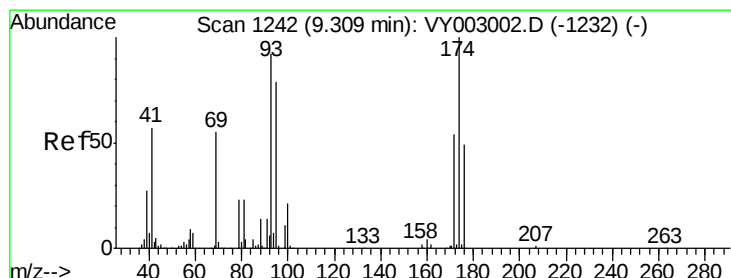
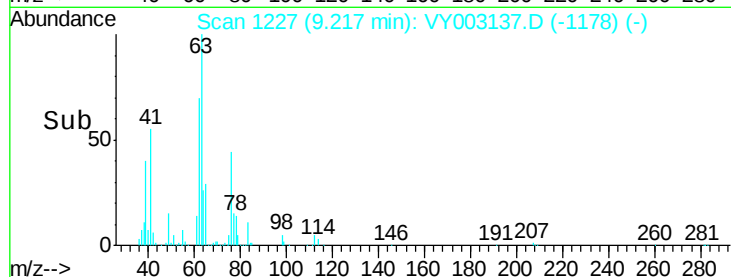
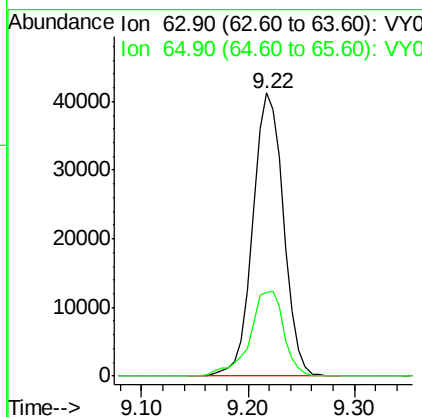
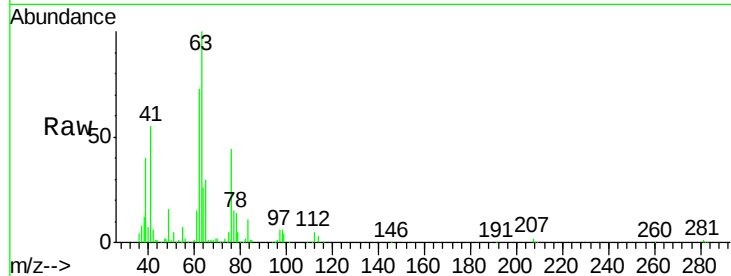
#45
 1,2-Dichloropropane
 Concen: 20.442 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	26.2	39.4

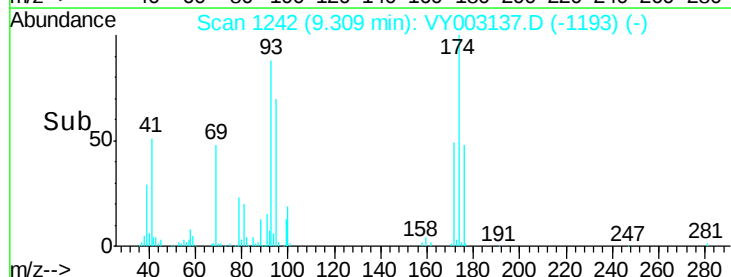
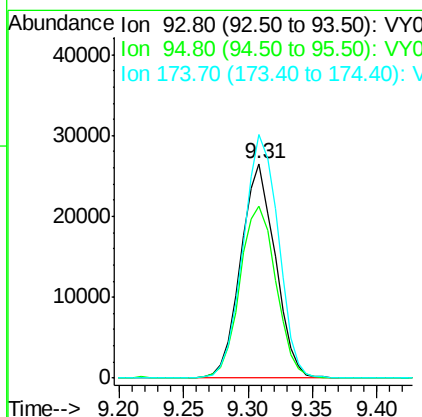
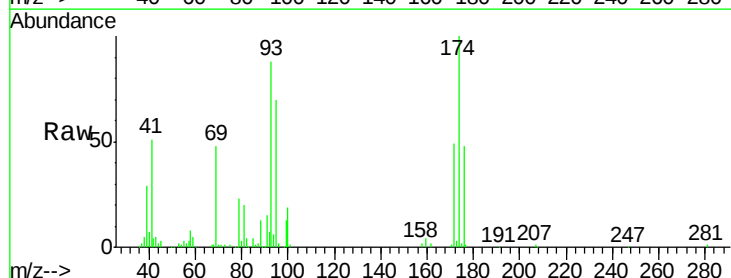
Manual Integrations
 APPROVED

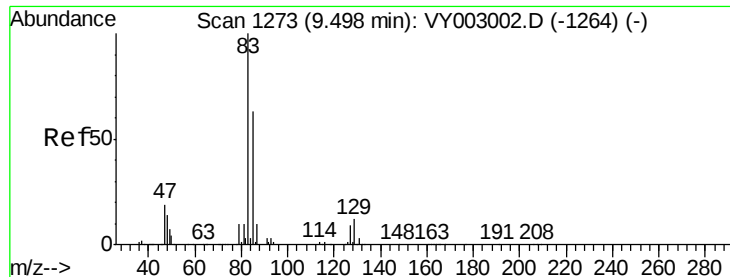
MMDadoda
 7/9/2020 10:48:52 AM



#46
 Dibromomethane
 Concen: 21.519 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.6	101.4
174	115.5	88.3	132.5





#47

Bromodichloromethane

Concen: 20.733 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

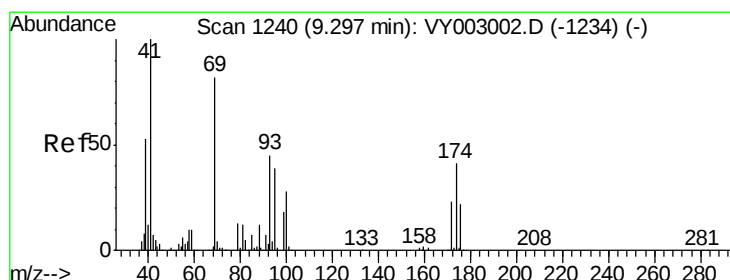
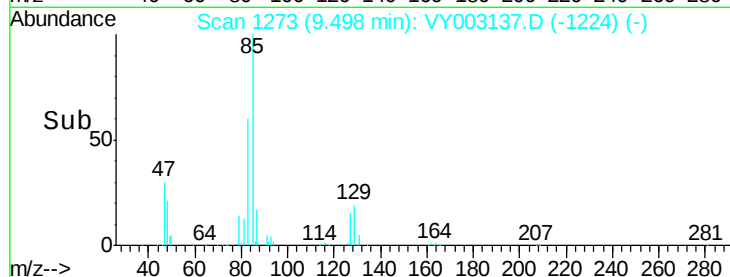
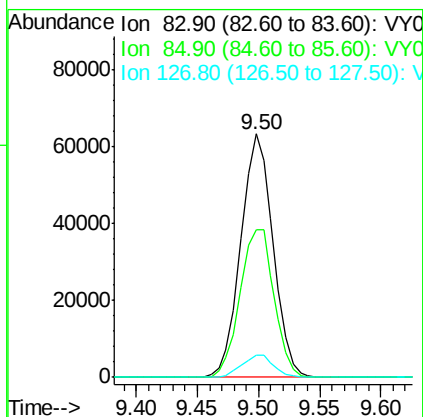
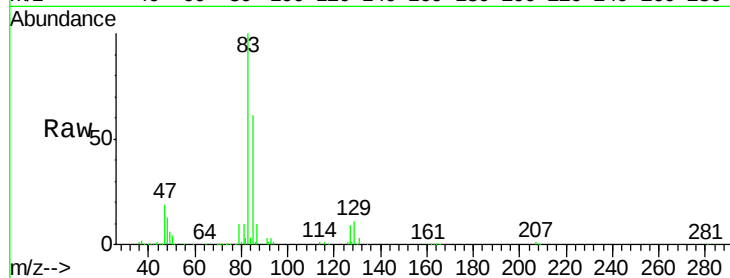
ClientSampleId :

VY0708SBS01

Tot Ion:	83	Resp:	115955
Ion	Ratio	Lower	Upper
83	100		
85	60.7	50.5	75.7
127	9.2	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:52 AM



#48

Methyl methacrylate

Concen: 19.139 ug/l

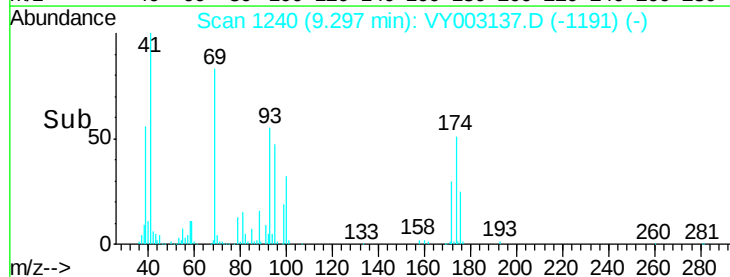
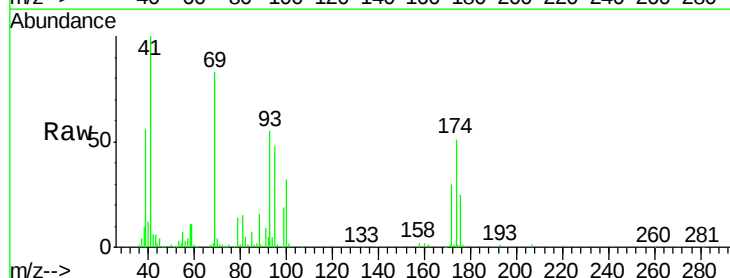
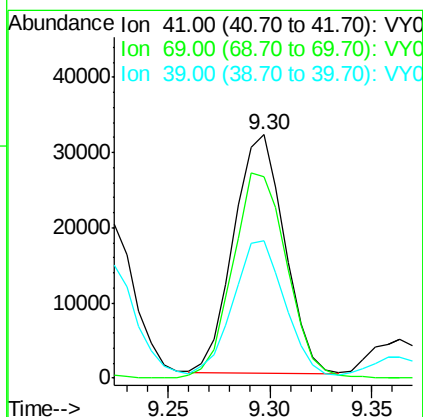
RT: 9.30 min Scan# 1240

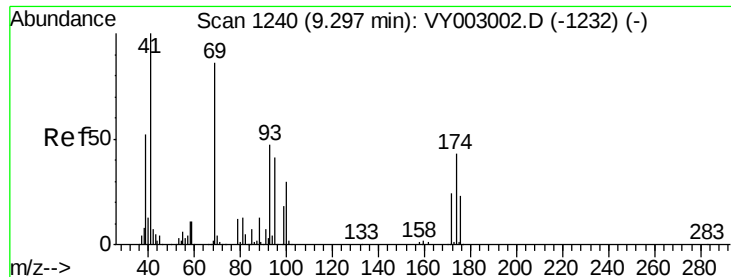
Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Tgt Ion:	41	Resp:	55286
Ion	Ratio	Lower	Upper
41	100		
69	91.3	67.7	101.5
39	57.2	45.0	67.4





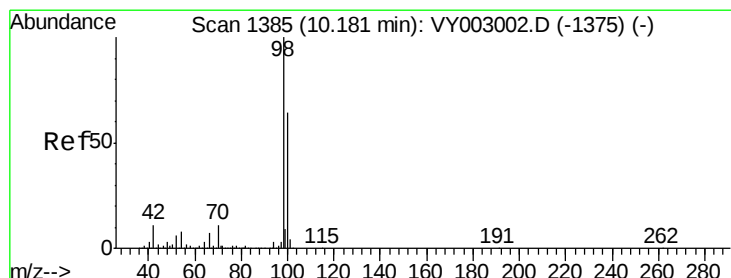
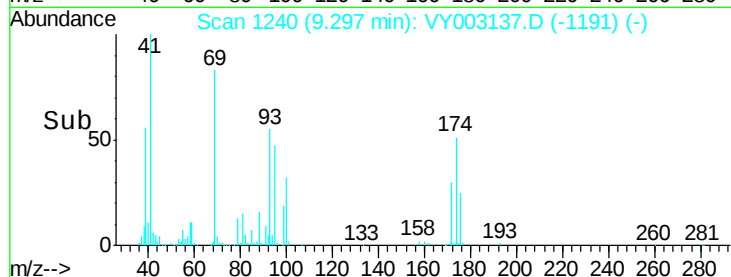
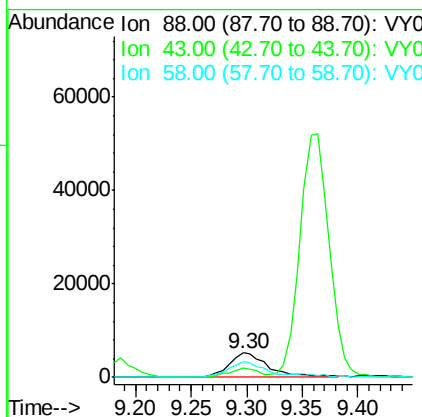
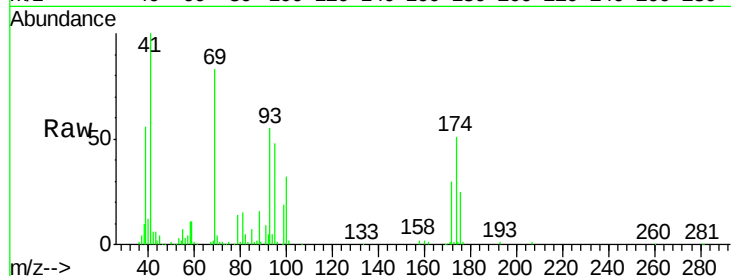
#49
1,4-Dioxane
Concen: 460.453 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.2	28.6	42.8#
58	71.5	56.7	85.1

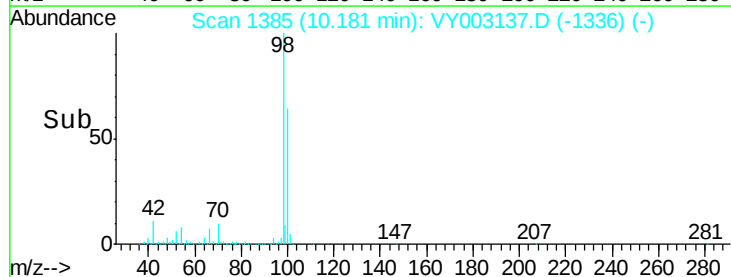
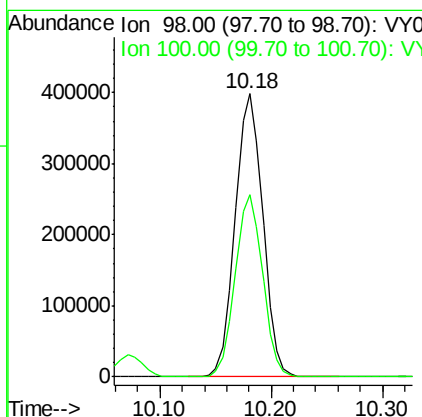
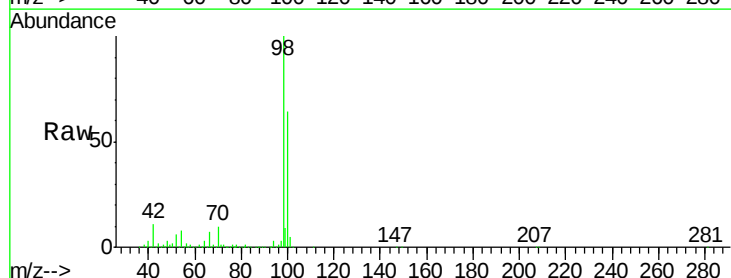
Manual Integrations
APPROVED

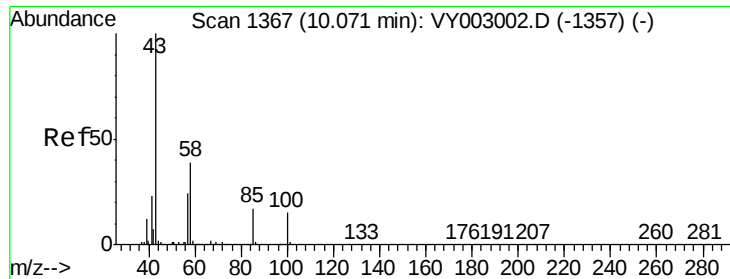
MMDadoda
7/9/2020 10:48:52 AM



#50
Toluene-d8
Concen: 51.149 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7





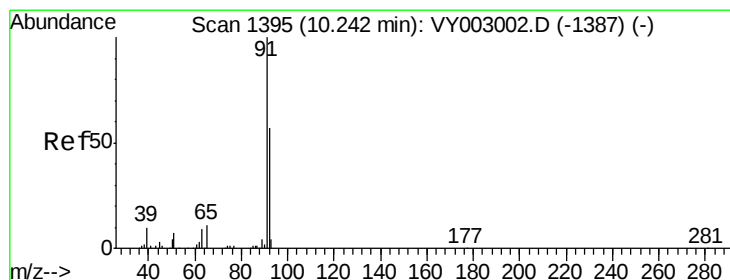
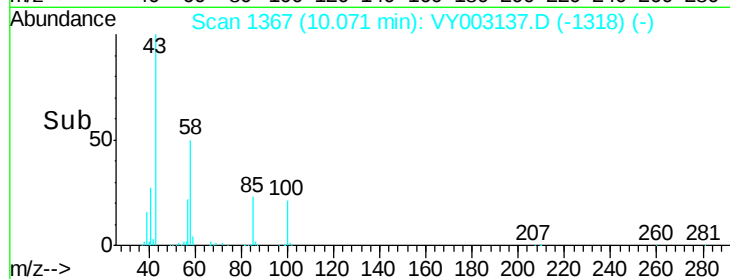
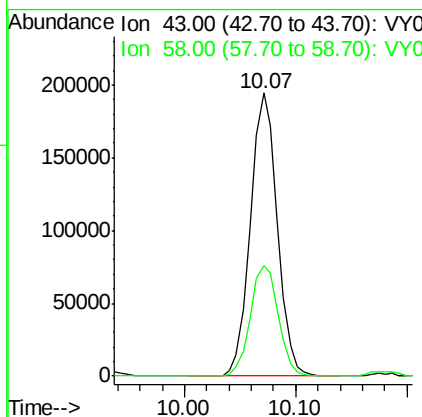
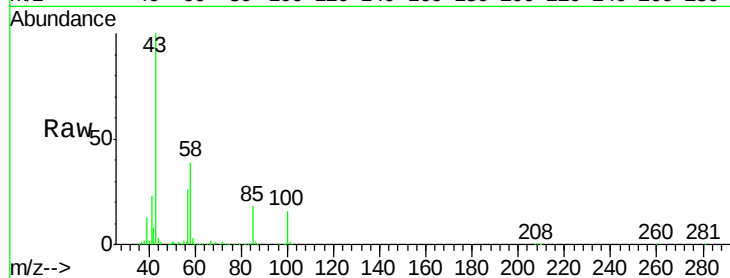
#51
4-Methyl-2-Pentanone
Concen: 99.592 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	43	Resp	326673
Ion Ratio	43	100	
Lower	58	40.6	31.1
Upper			46.7

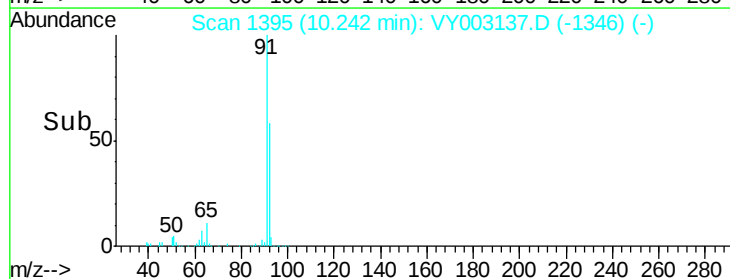
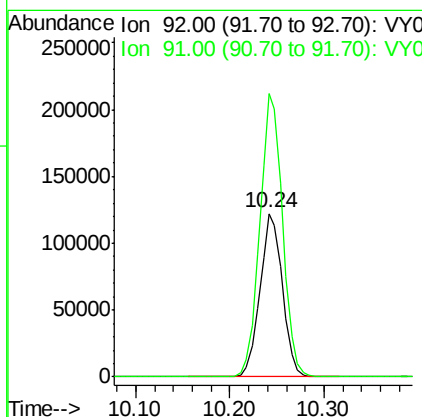
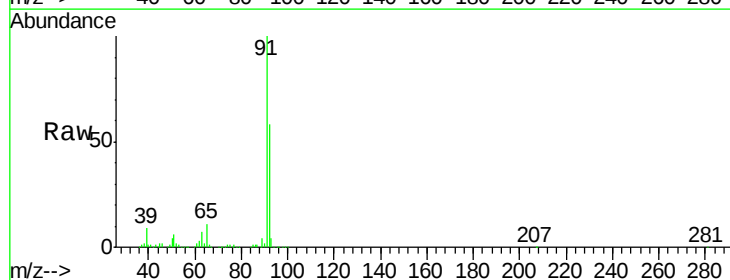
Manual Integrations
APPROVED

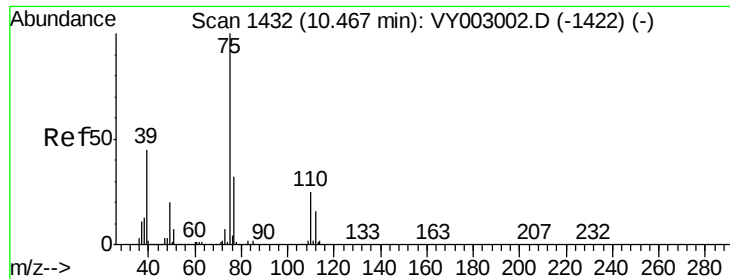
MMDadoda
7/9/2020 10:48:52 AM



#52
Toluene
Concen: 21.416 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	92	Resp	204921
Ion Ratio	92	100	
Lower	91	175.2	139.6
Upper			209.4





#53

t-1,3-Dichloropropene

Concen: 20.575 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 75 Resp: 120644

Ion Ratio Lower Upper

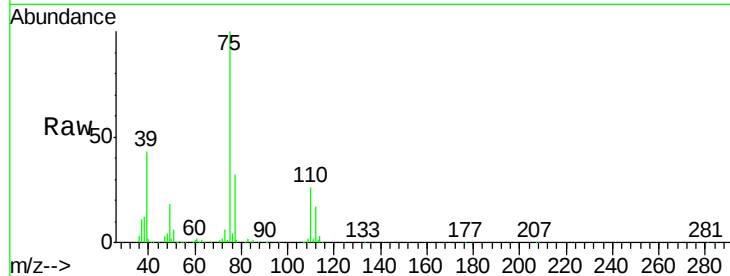
75 100

77 32.4 25.9 38.9

Manual Integrations
APPROVED

MMDadoda

7/9/2020 10:48:52 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

80000

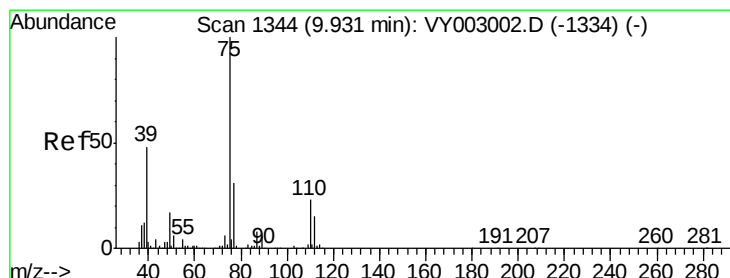
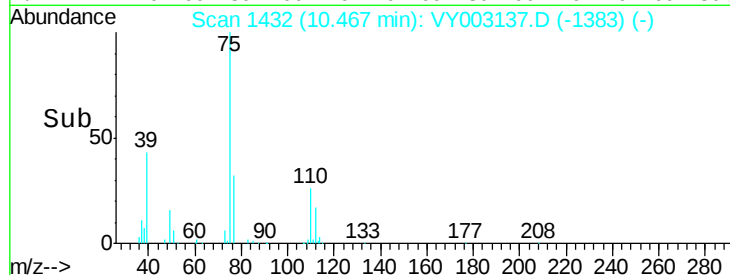
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.770 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

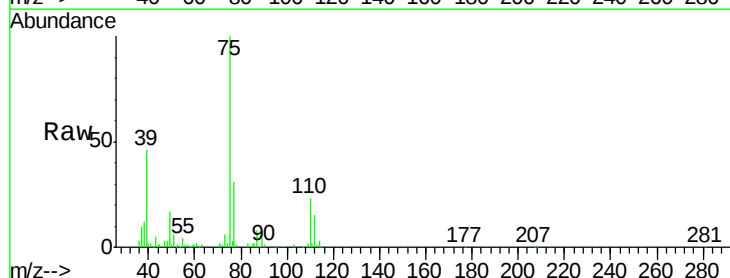
Tgt Ion: 75 Resp: 139280

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 46.1 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

100000

80000

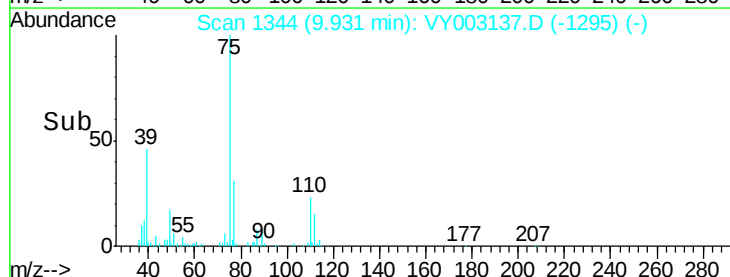
60000

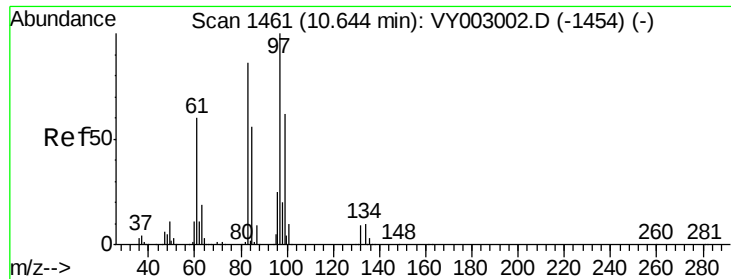
40000

20000

0

Time-->





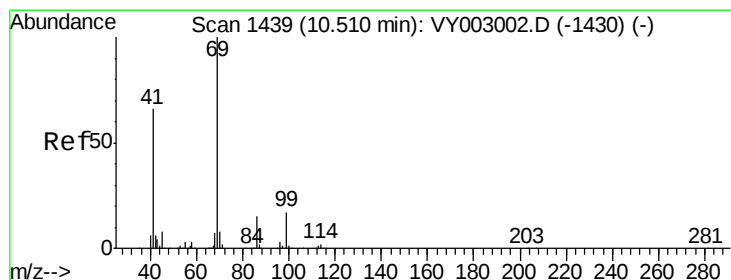
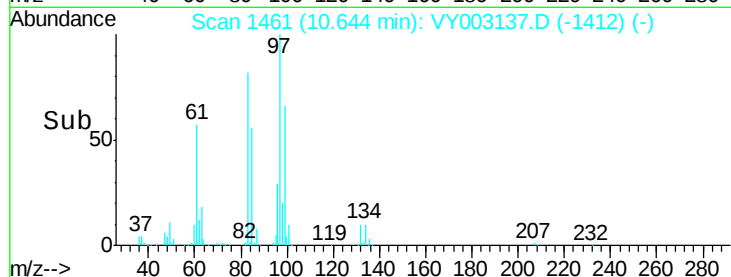
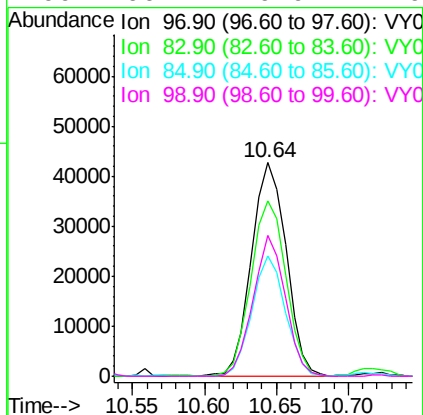
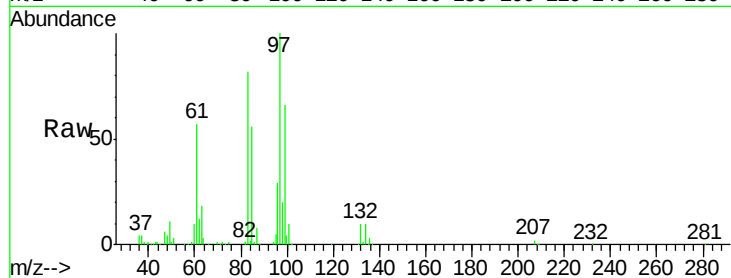
#55
 1,1,2-Trichloroethane
 Concen: 22.536 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion:	97	Resp:	71528
Ion	Ratio	Lower	Upper
97	100		
83	81.4	69.0	103.6
85	56.5	44.8	67.2
99	66.1	49.9	74.9

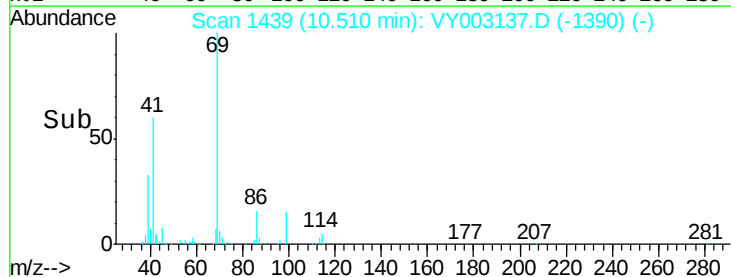
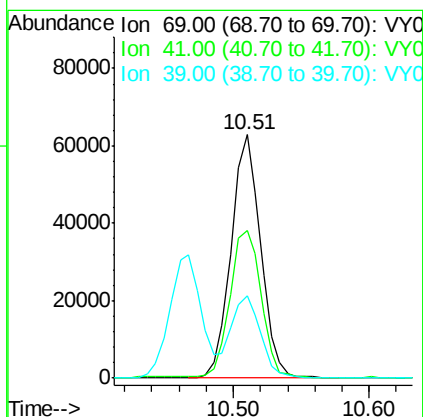
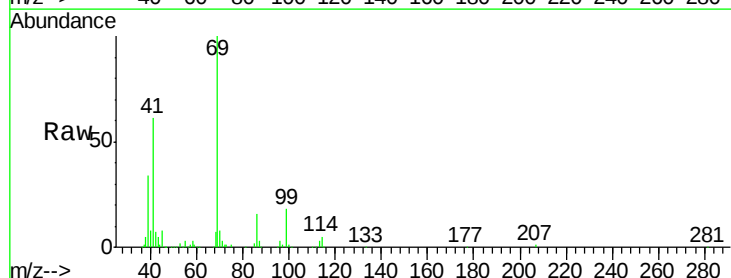
Manual Integrations
 APPROVED

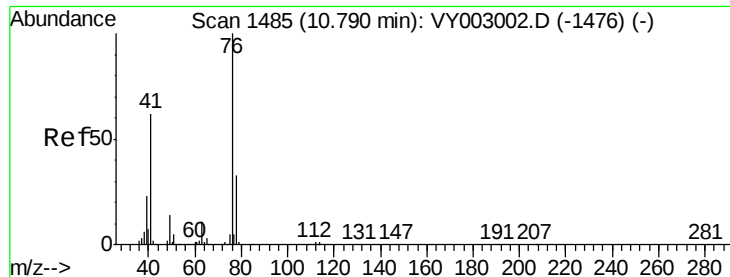
MMDadoda
 7/9/2020 10:48:52 AM



#56
 Ethyl methacrylate
 Concen: 20.745 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion:	69	Resp:	95309
Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.7	80.5
39	34.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 21.634 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 76 Resp: 120543

Ion Ratio Lower Upper

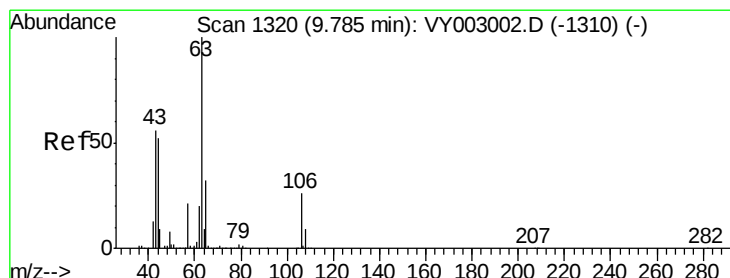
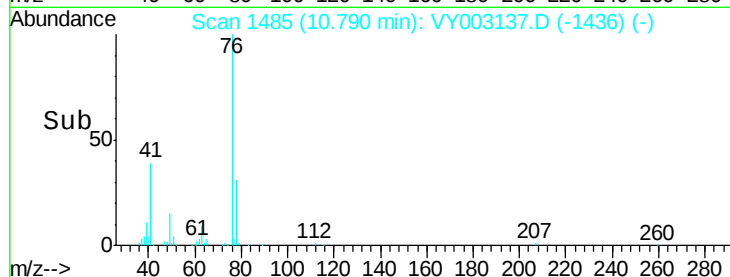
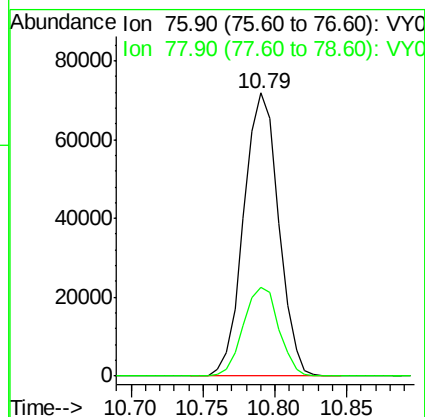
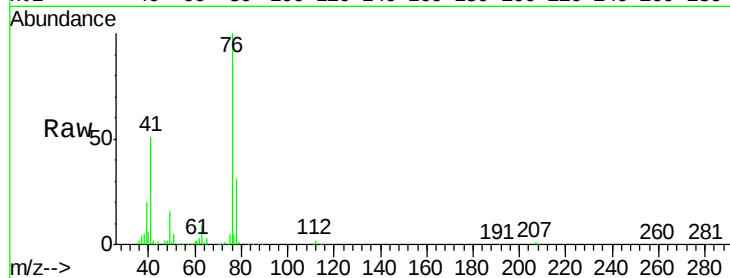
76 100

78 31.9 26.0 39.0

Manual Integrations
APPROVED

MMDadoda

7/9/2020 10:48:52 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.728 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003137.D

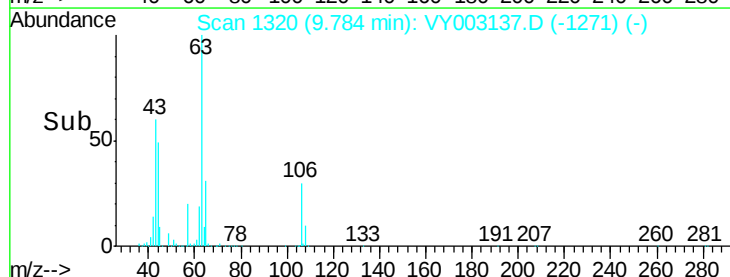
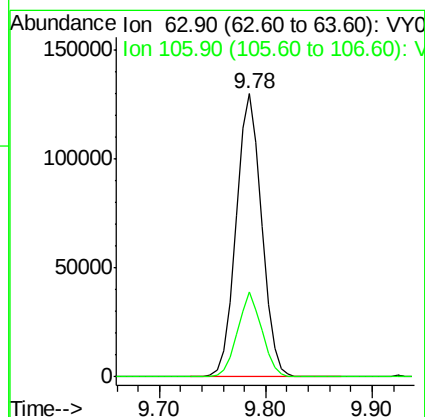
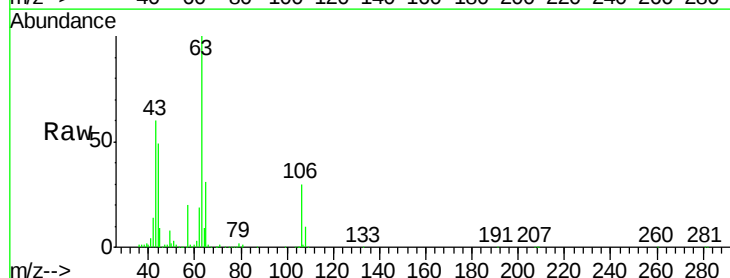
Acq: 08 Jul 2020 15:32

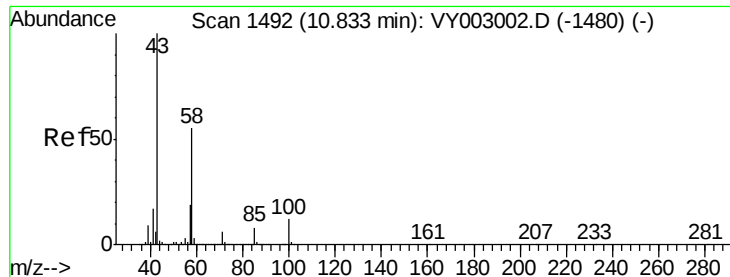
Tgt Ion: 63 Resp: 218496

Ion Ratio Lower Upper

63 100

106 28.6 21.5 32.3





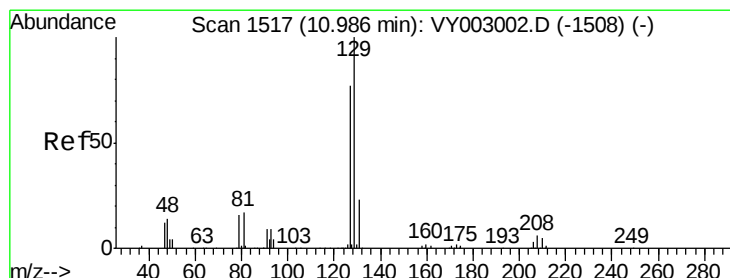
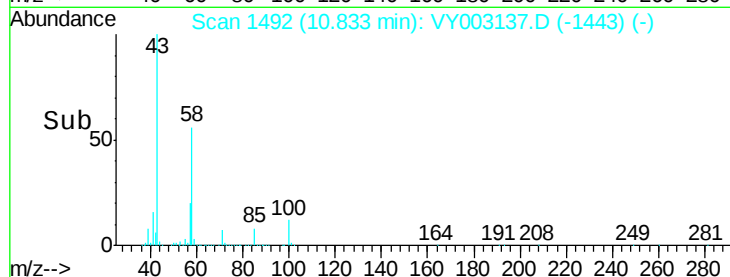
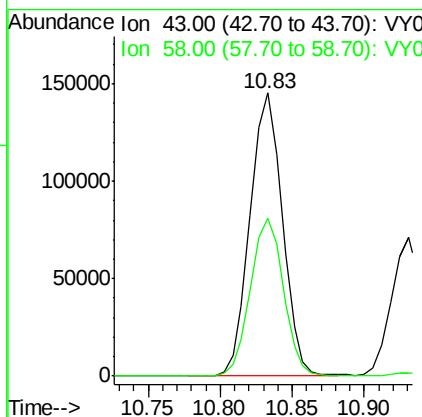
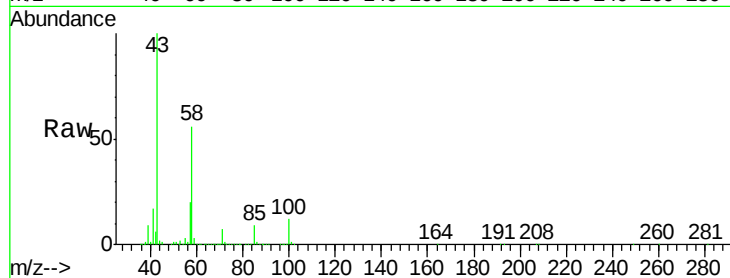
#59
2-Hexanone
Concen: 98.543 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.8	27.5	82.4

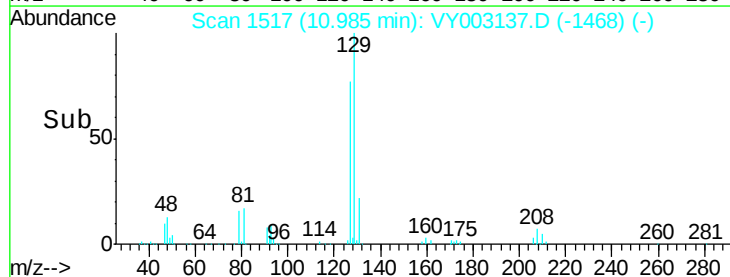
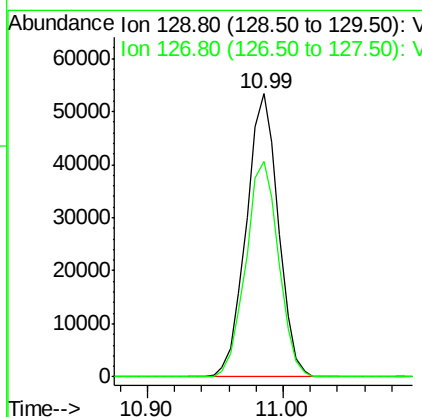
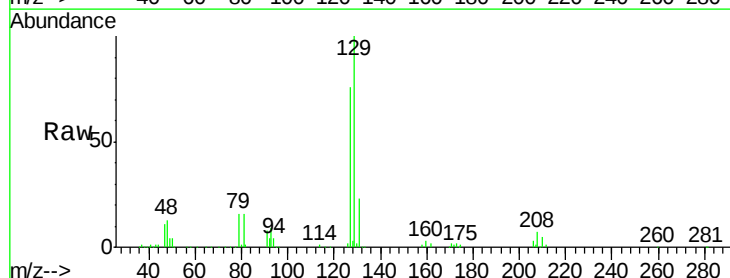
Manual Integrations
APPROVED

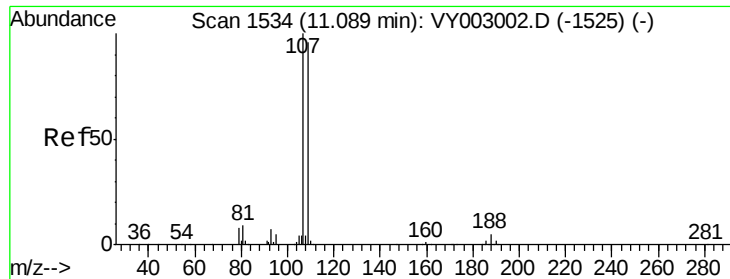
MMDadoda
7/9/2020 10:48:52 AM



#60
Dibromochloromethane
Concen: 21.721 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.3





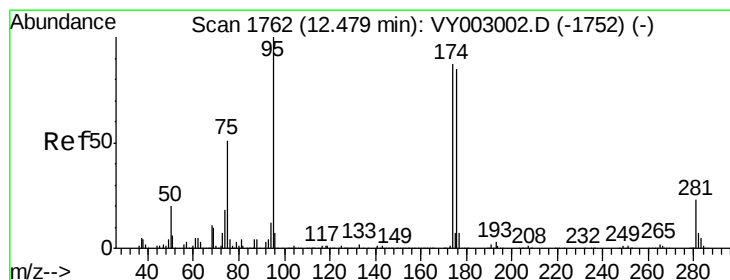
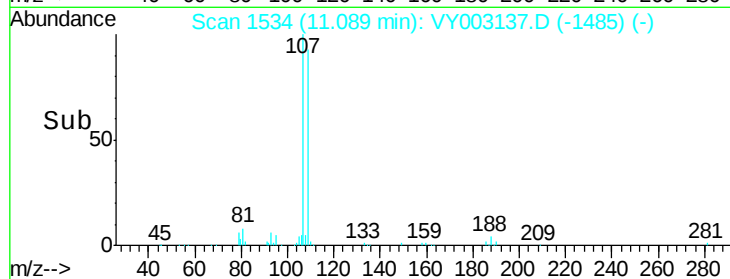
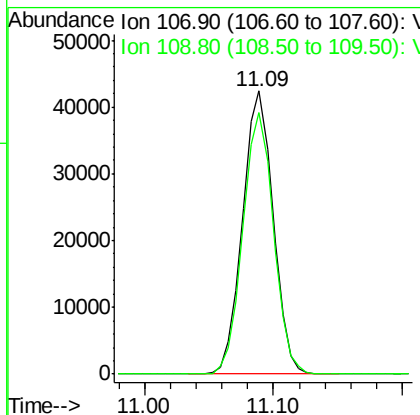
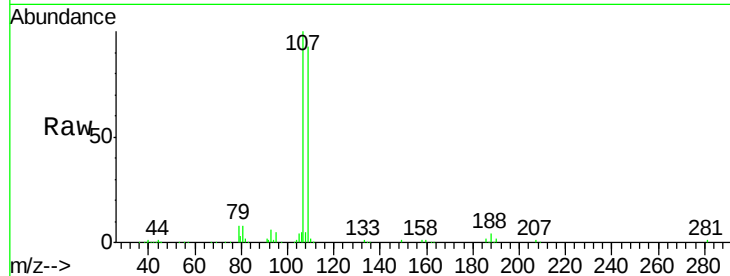
#61
 1,2-Dibromoethane
 Concen: 22.206 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	75.8	113.8

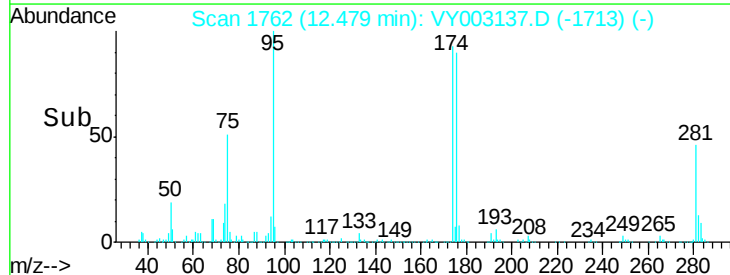
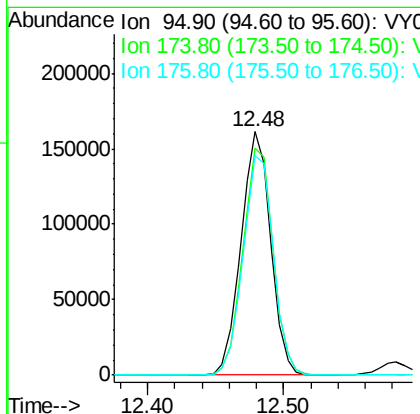
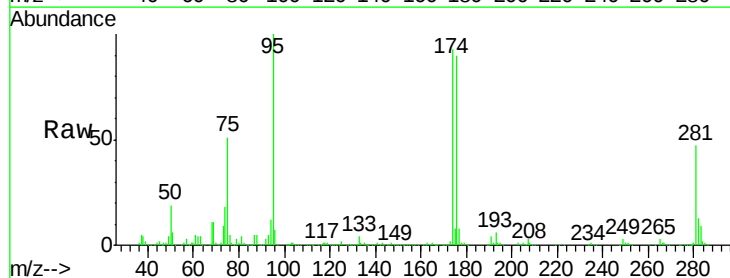
Manual Integrations
 APPROVED

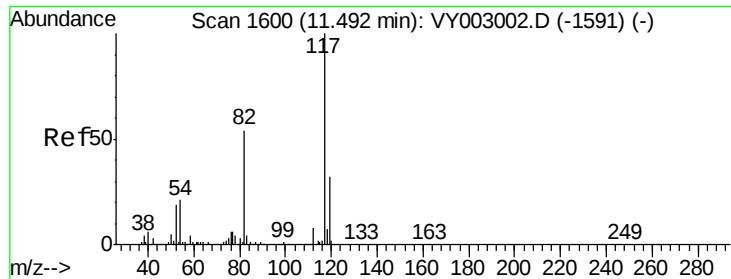
MMDadoda
 7/9/2020 10:48:52 AM



#62
 4-Bromofluorobenzene
 Concen: 51.937 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	184.8
176	92.6	0.0	183.0





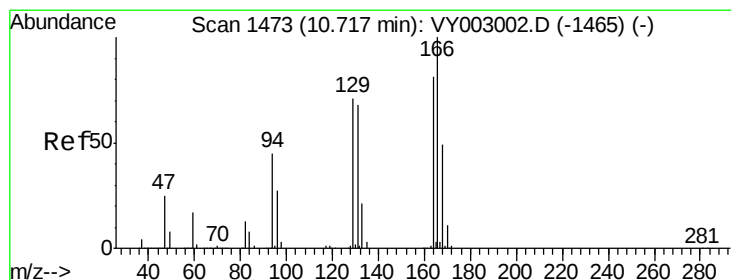
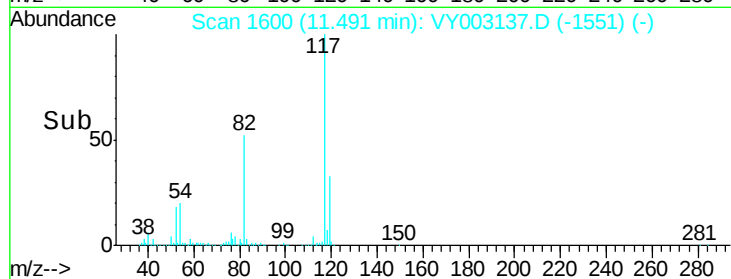
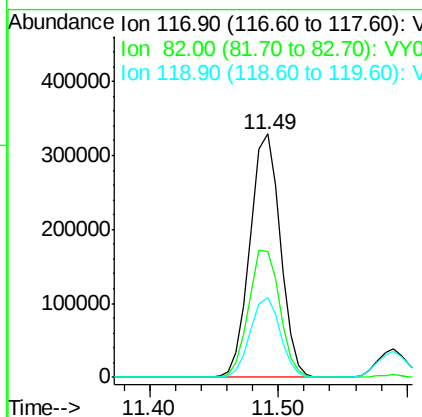
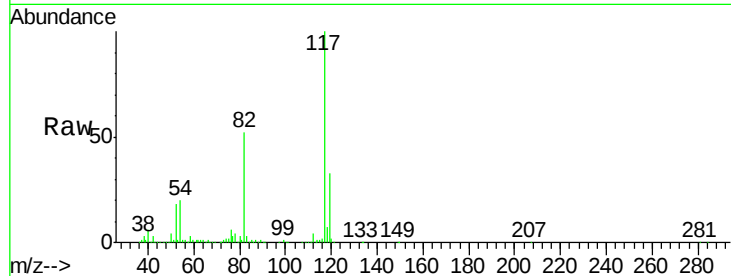
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	534012		
82	51.7	43.0	64.6	
119	32.8	25.8	38.8	

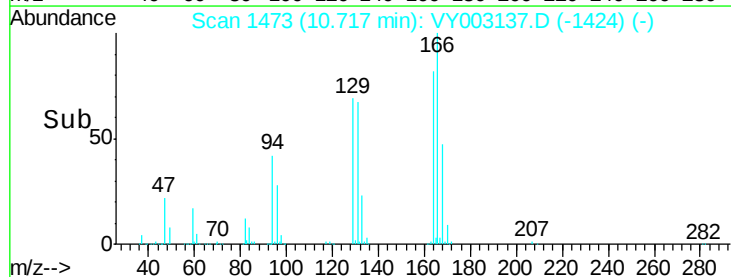
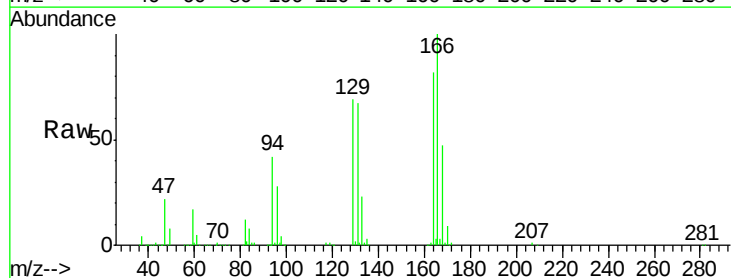
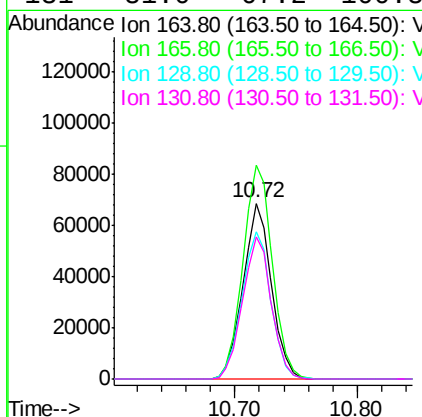
Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:52 AM



#64
Tetrachloroethene
Concen: 24.420 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	110367		
166	121.5	98.5	147.7	
129	83.5	69.7	104.5	
131	81.0	67.2	100.8	





#65

Chlorobenzene

Concen: 21.892 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion:112 Resp: 230512

Ion Ratio Lower Upper

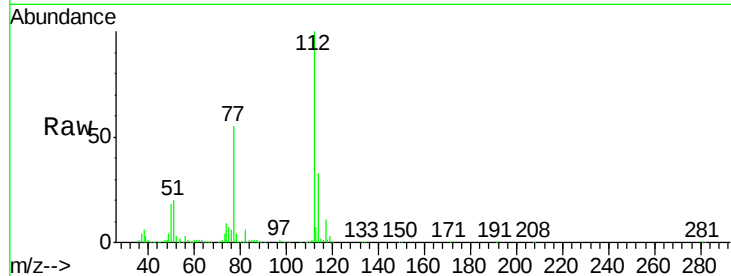
112 100

114 33.0 25.7 38.5

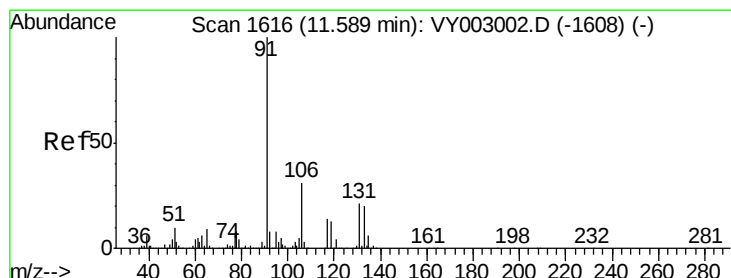
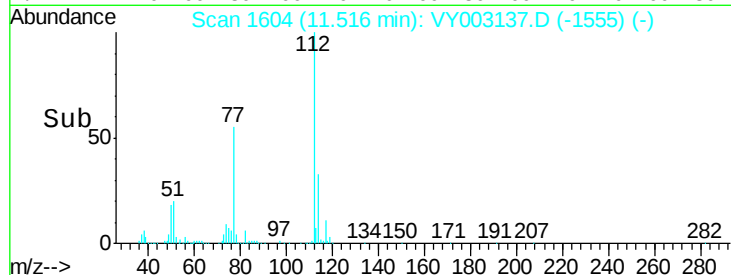
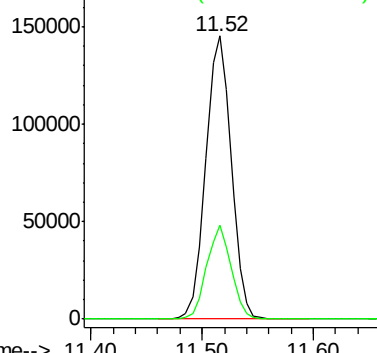
Manual Integrations
APPROVED

MMDadoda

7/9/2020 10:48:52 AM



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.677 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

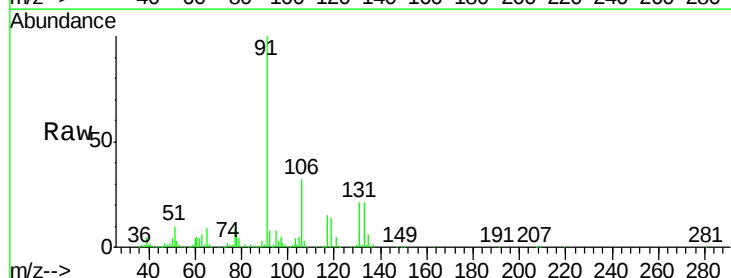
Tgt Ion:131 Resp: 89115

Ion Ratio Lower Upper

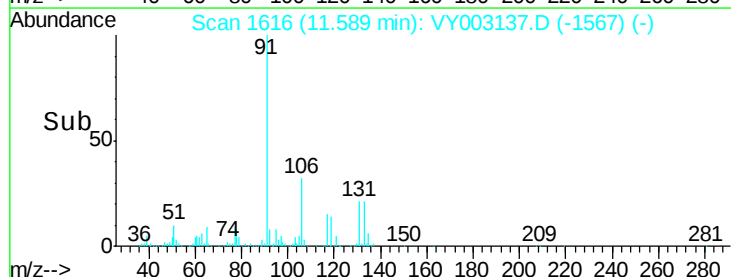
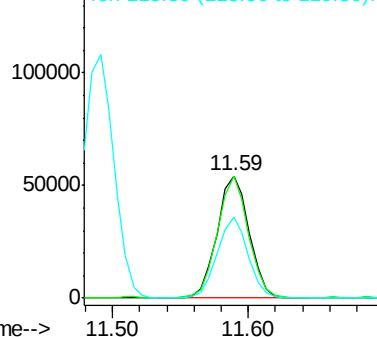
131 100

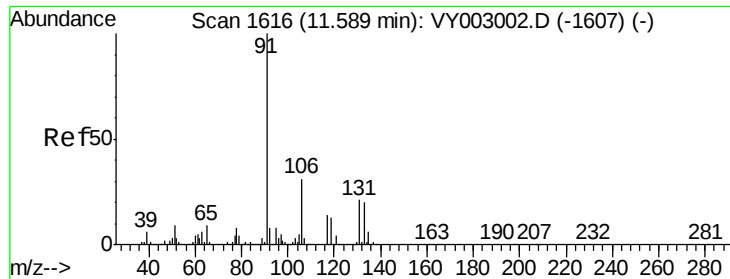
133 96.5 47.9 143.8

119 63.8 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V





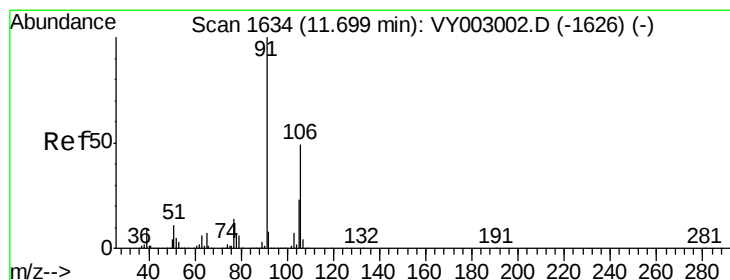
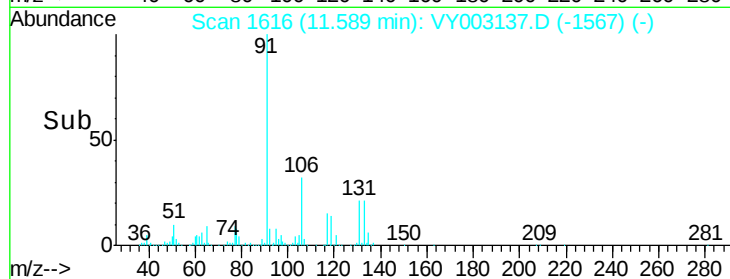
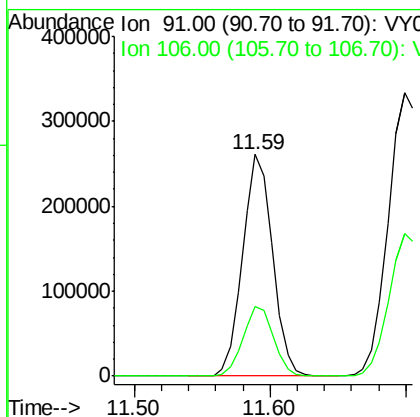
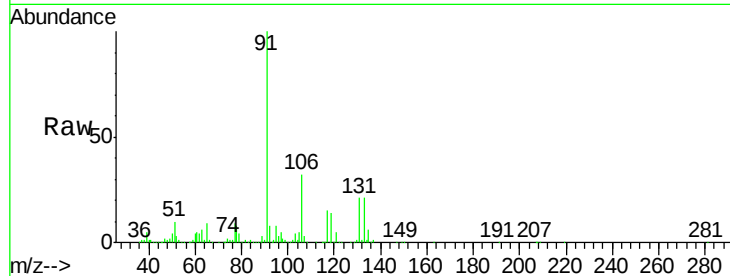
#67
Ethyl Benzene
Concen: 20.886 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion: 91 Resp: 402345
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4

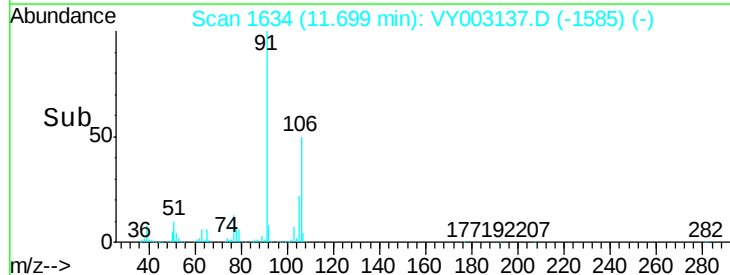
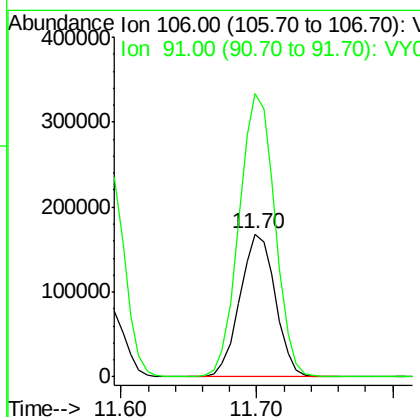
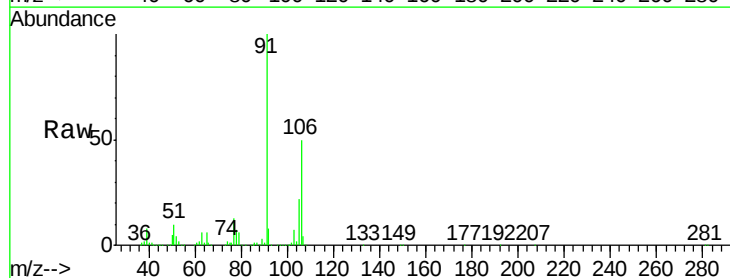
Manual Integrations
APPROVED

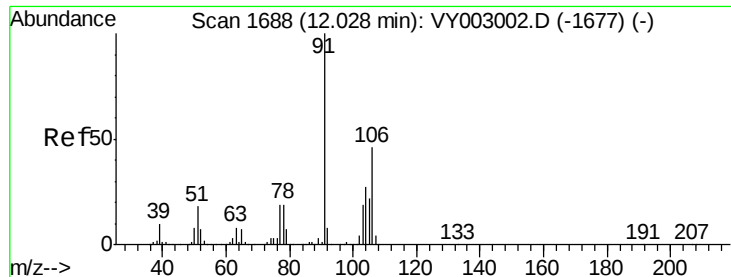
MMDadoda
7/9/2020 10:48:52 AM



#68
m/p-Xylenes
Concen: 42.755 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 106 Resp: 306534
Ion Ratio Lower Upper
106 100
91 199.8 161.9 242.9





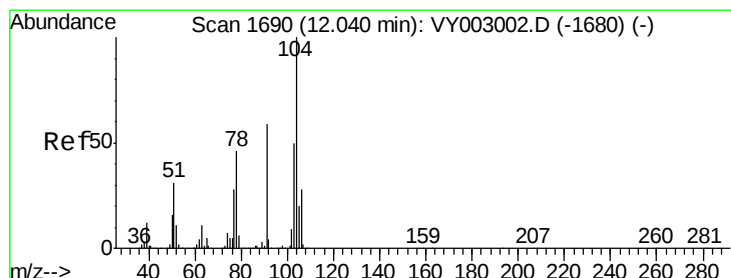
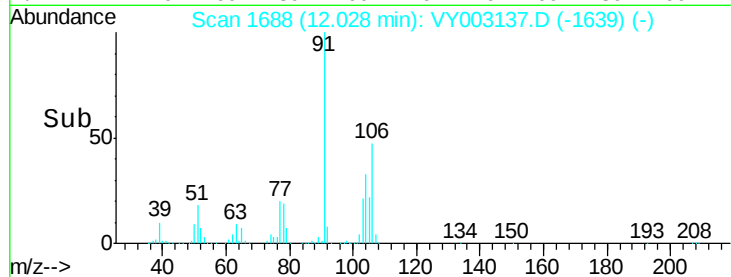
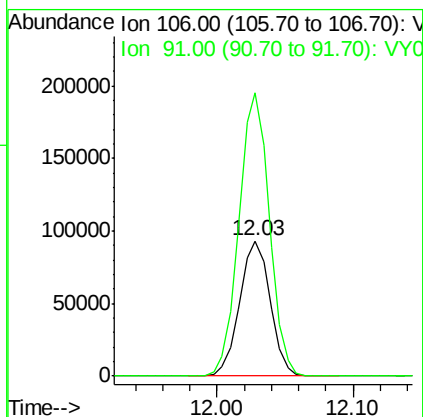
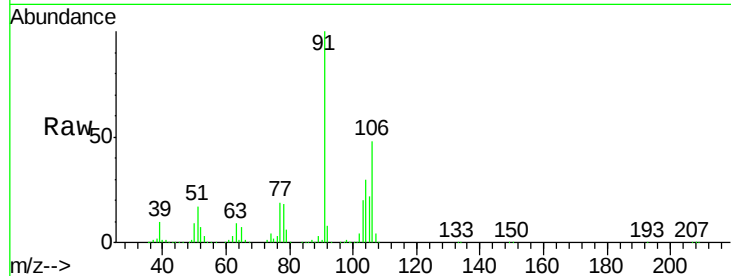
#69
o-Xylene
Concen: 21.577 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion:106 Resp: 145773
Ion Ratio Lower Upper
106 100
91 208.9 107.9 323.8

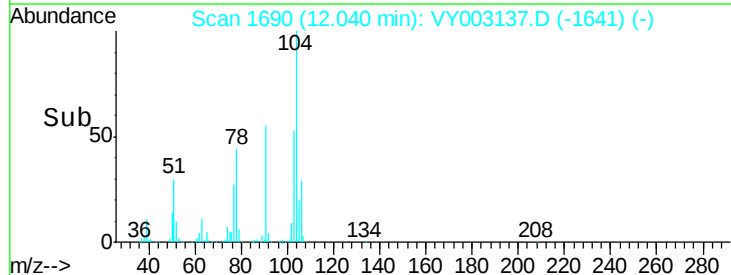
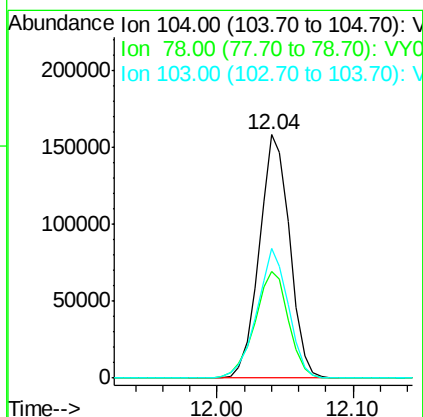
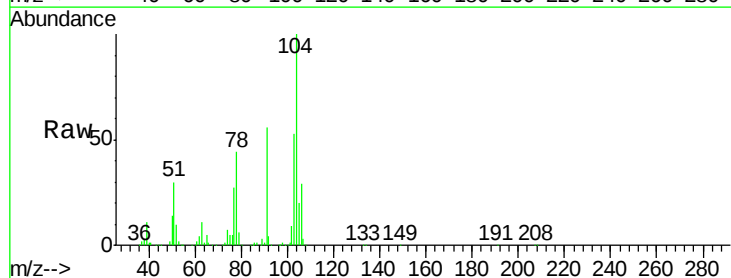
Manual Integrations
APPROVED

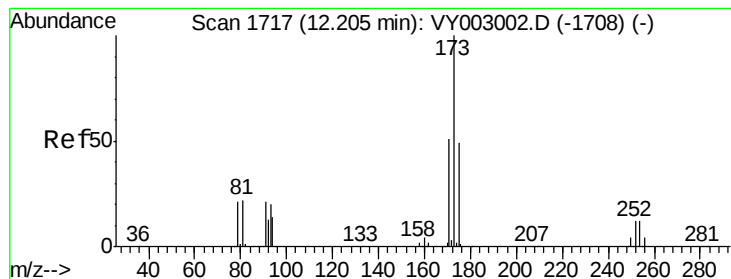
MMDadoda
7/9/2020 10:48:52 AM



#70
Styrene
Concen: 21.497 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion:104 Resp: 248118
Ion Ratio Lower Upper
104 100
78 48.4 40.4 60.6
103 55.0 44.1 66.1





#71

Bromoform

Concen: 21.890 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion:173 Resp: 60005

Ion Ratio Lower Upper

173 100

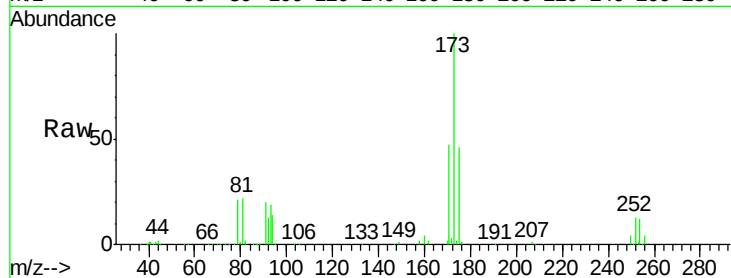
175 49.0 24.6 73.6

254 0.2 0.2 0.2

Manual Integrations
APPROVED

MMDadoda

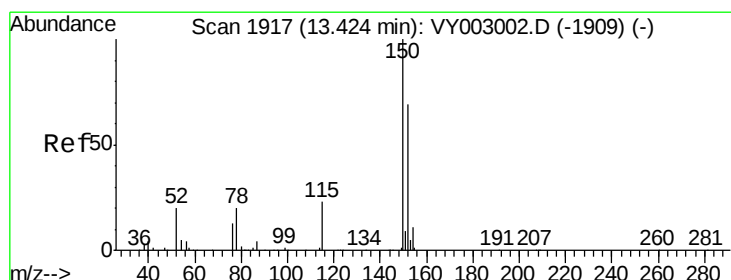
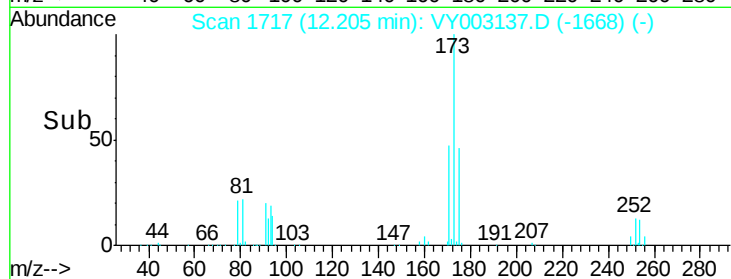
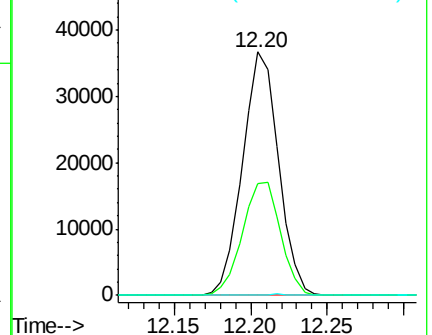
7/9/2020 10:48:52 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

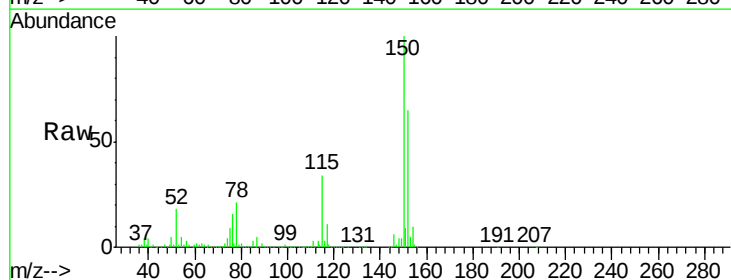
Tgt Ion:152 Resp: 292394

Ion Ratio Lower Upper

152 100

115 54.0 27.3 81.9

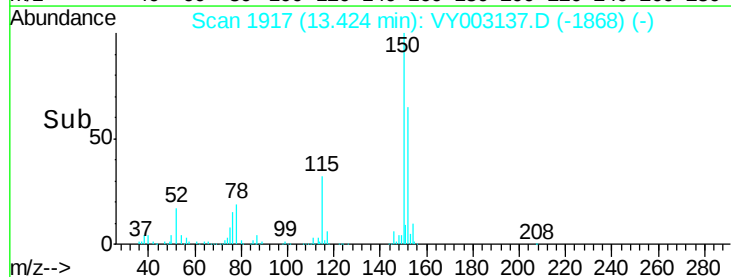
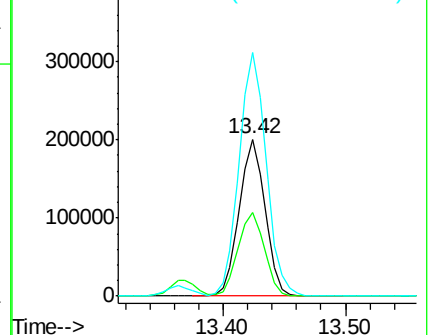
150 162.7 0.0 343.4

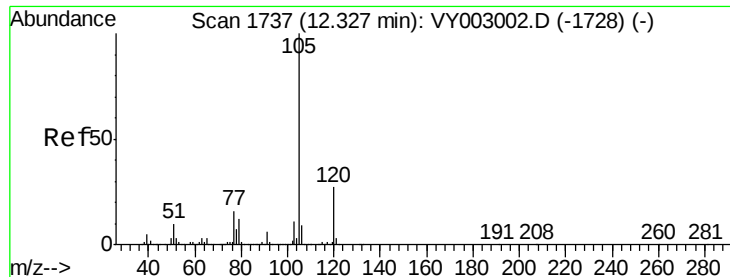


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.043 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 105 Resp: 402674

Ion Ratio Lower Upper

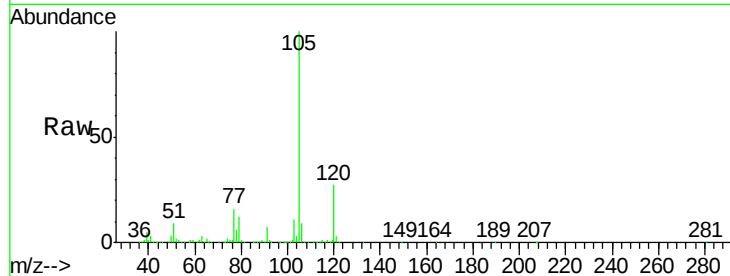
105 100

120 26.7 13.4 40.1

Manual Integrations
APPROVED

MMDadoda

7/9/2020 10:48:52 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

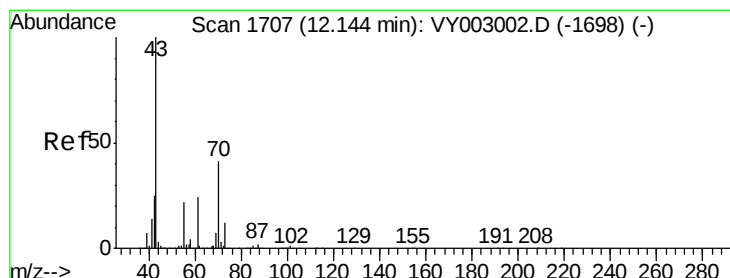
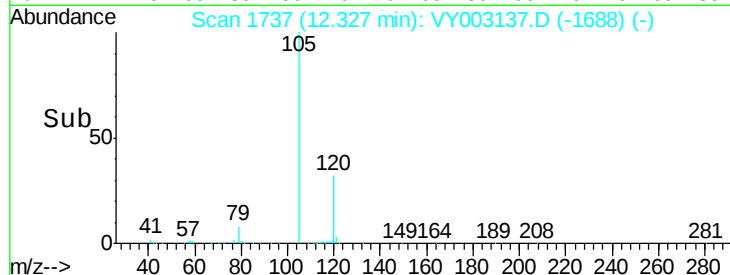
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.298 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Tgt Ion: 43 Resp: 113992

Ion Ratio Lower Upper

43 100

70 45.4 33.0 49.4

55 25.3 18.2 27.2

61 26.4 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

120000

100000

80000

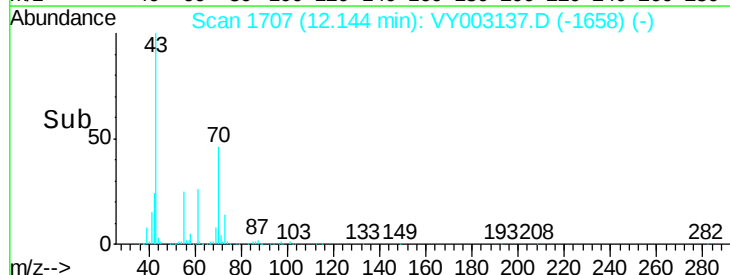
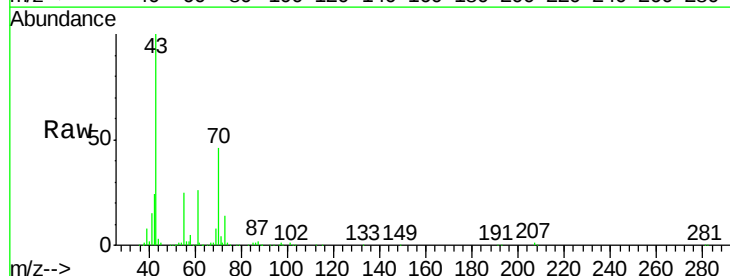
60000

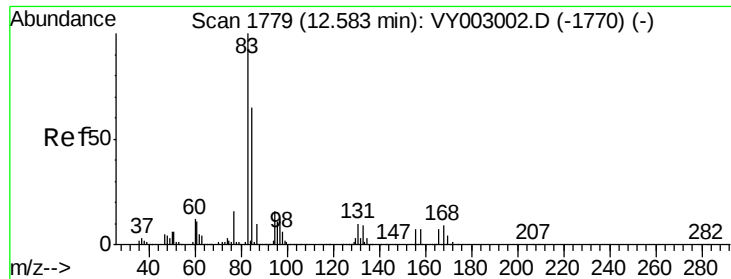
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.748 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

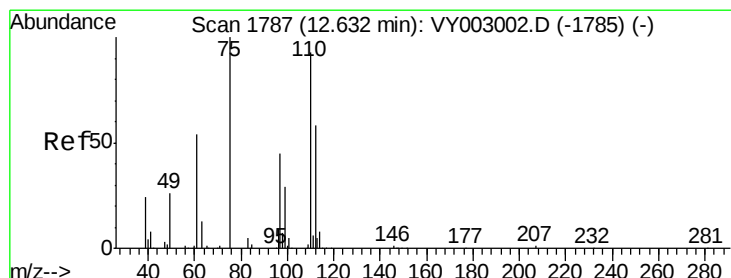
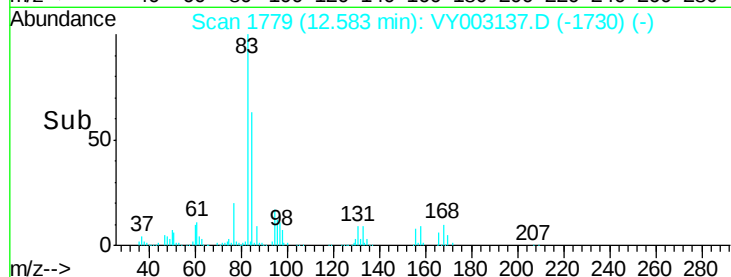
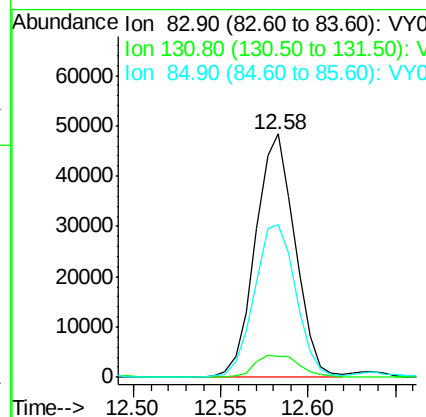
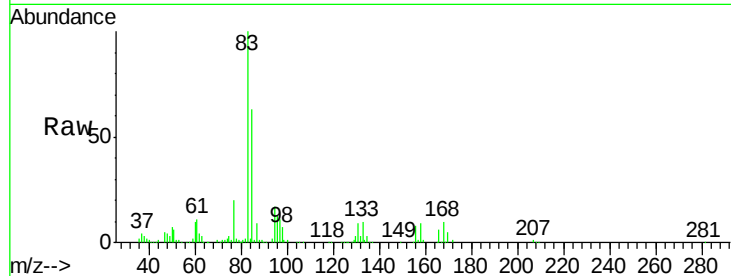
ClientSampleId :

VY0708SBS01

Tot Ion:	83	Resp:	76260
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	16.1
85	66.0	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:52 AM



#76

1,2,3-Trichloropropane

Concen: 19.979 ug/l m

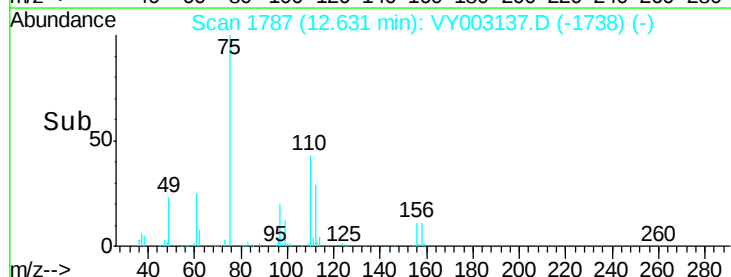
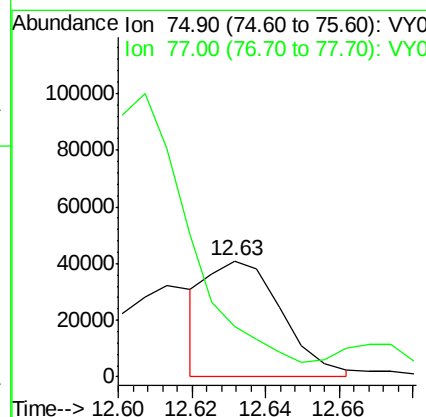
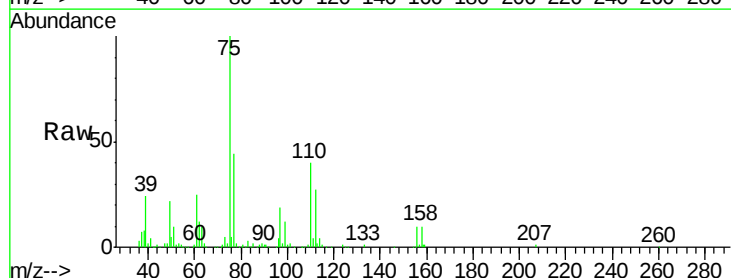
RT: 12.63 min Scan# 1787

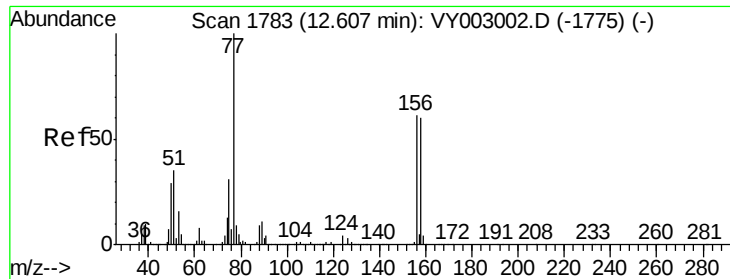
Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Tgt Ion:	75	Resp:	57815
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





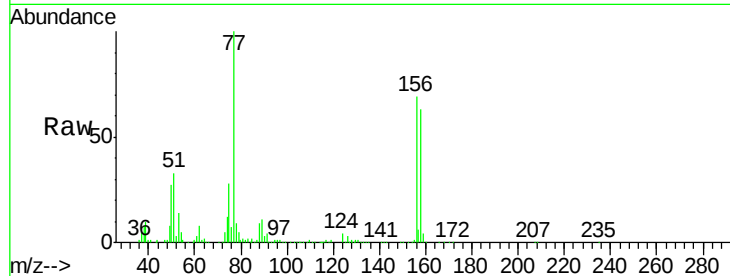
#77
Bromobenzene
Concen: 21.121 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

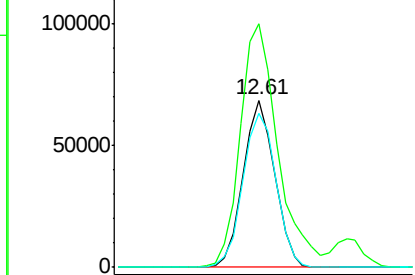
Tot Ion	Ratio	Lower	Upper
156	100		
77	173.9	90.0	270.0
158	97.1	48.5	145.5

Manual Integrations
APPROVED

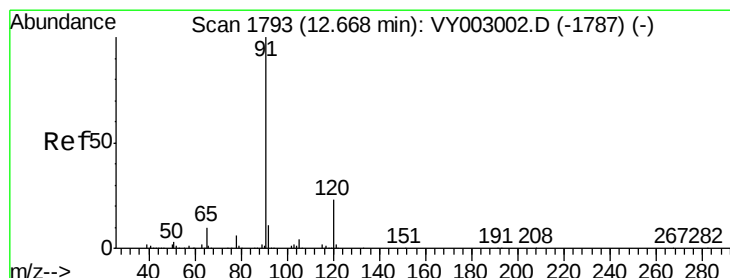
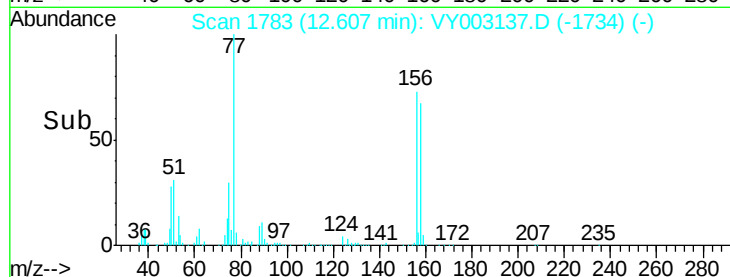
MMDadoda
7/9/2020 10:48:52 AM



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

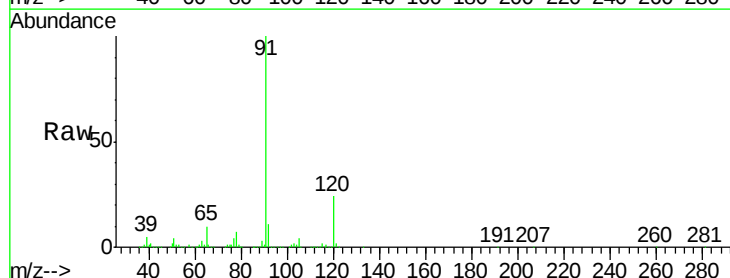


Time-->

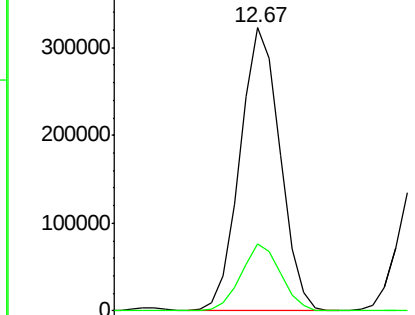


#78
n-propylbenzene
Concen: 20.617 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

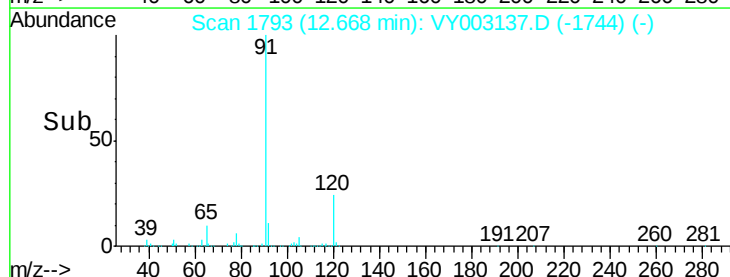
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.5	34.5

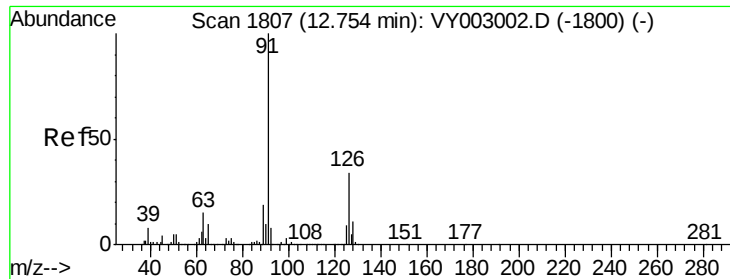


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V



Time-->





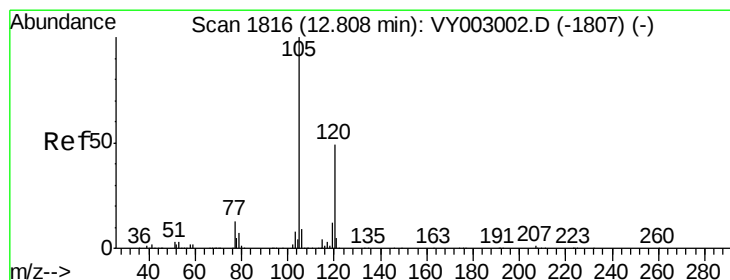
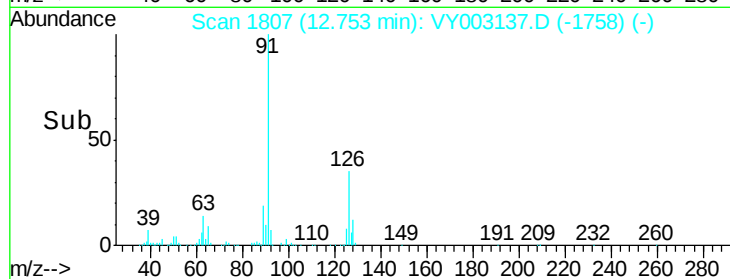
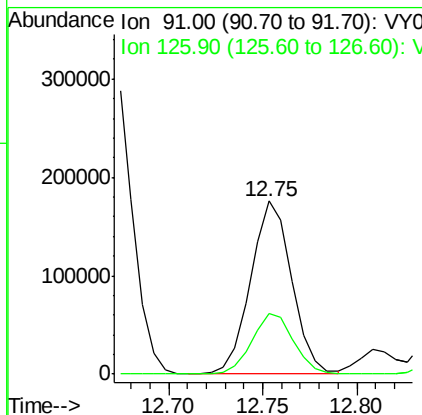
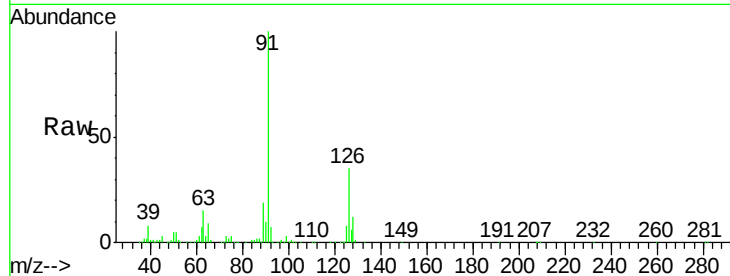
#79
 2-Chlorotoluene
 Concen: 20.735 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.1	51.3

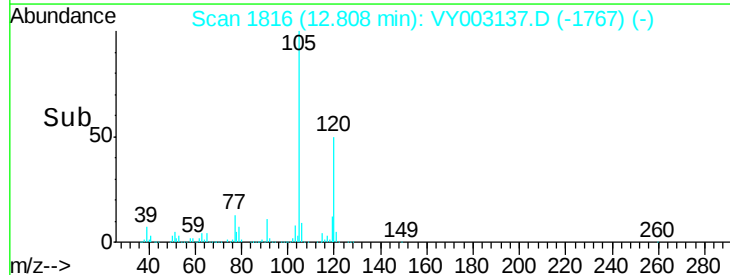
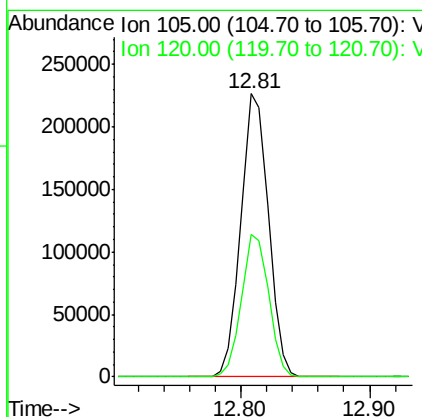
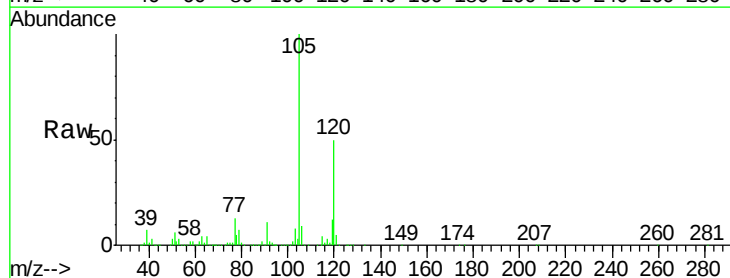
Manual Integrations
 APPROVED

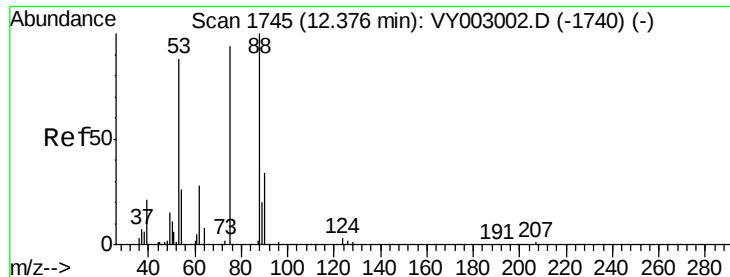
MMDadoda
 7/9/2020 10:48:52 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.866 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.6	73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.857 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 75 Resp: 28048

Ion Ratio Lower Upper

75 100

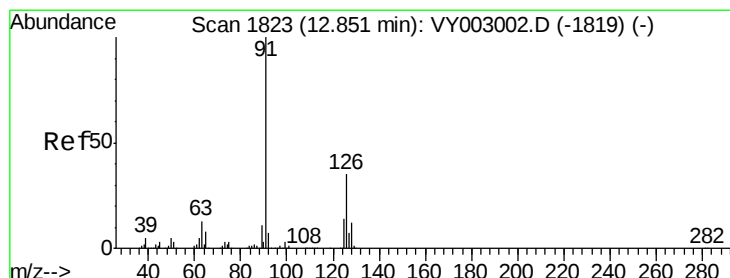
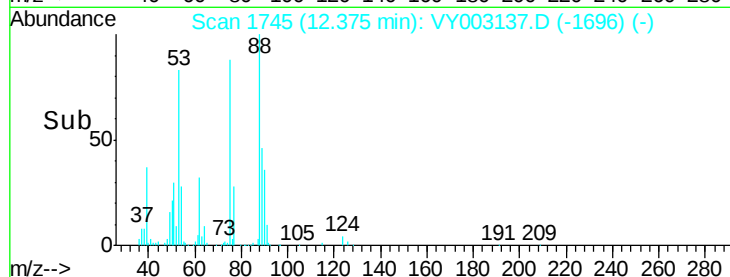
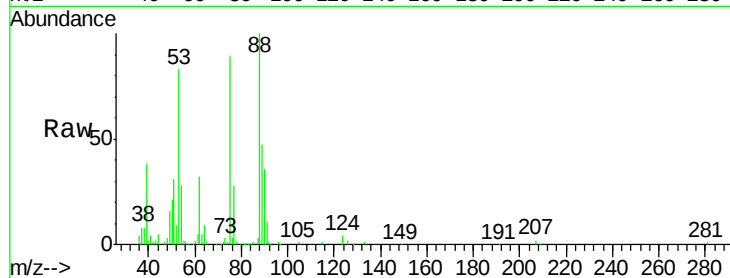
53 93.5 73.9 110.9

89 43.2 37.5 56.3

Manual Integrations
APPROVED

MMDadoda

7/9/2020 10:48:52 AM



#82

4-Chlorotoluene

Concen: 20.574 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003137.D

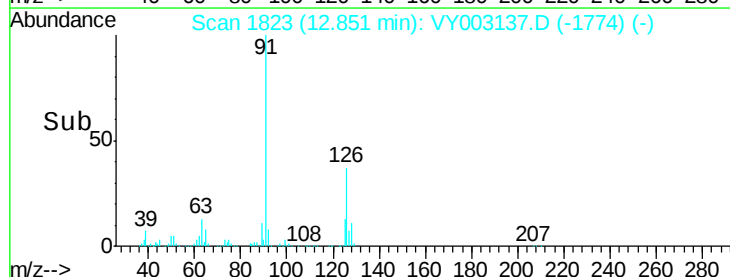
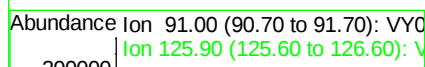
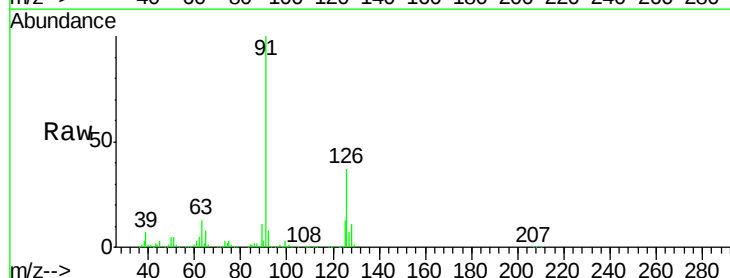
Acq: 08 Jul 2020 15:32

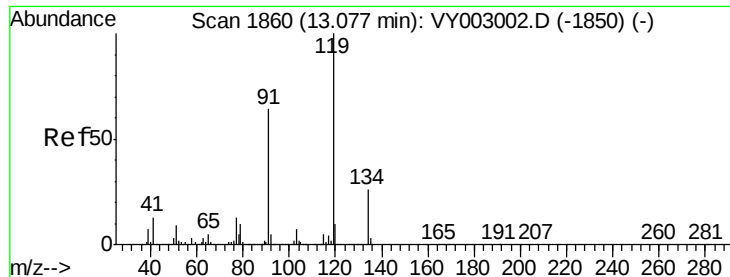
Tgt Ion: 91 Resp: 275169

Ion Ratio Lower Upper

91 100

126 36.7 17.4 52.3





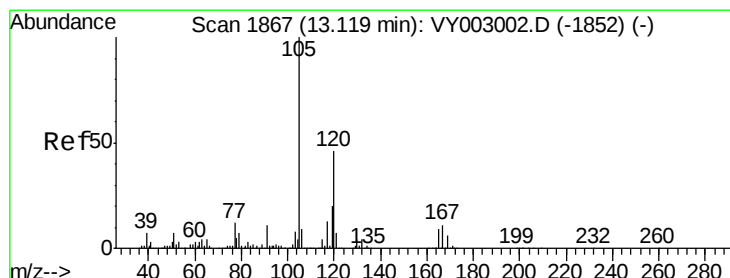
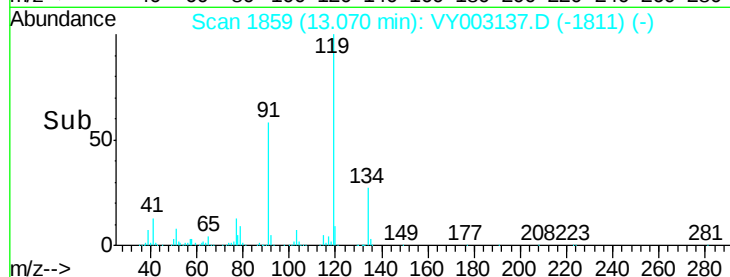
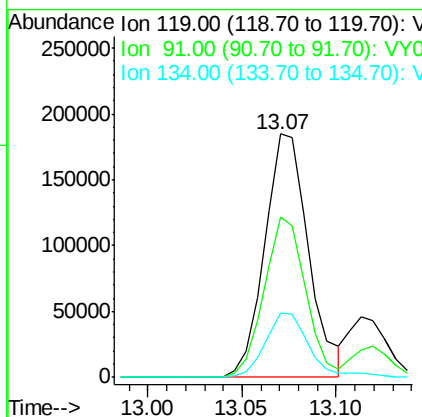
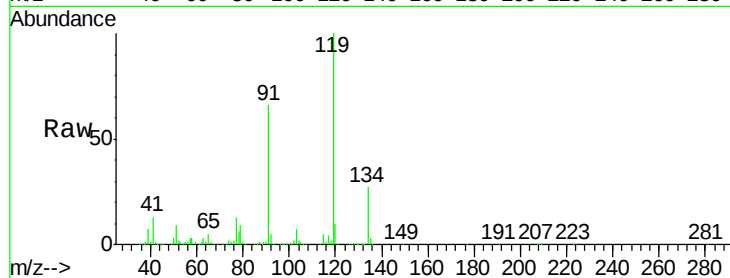
#83
tert-Butylbenzene
Concen: 21.148 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	298184		
91	62.3	31.6	95.0	
134	26.6	13.2	39.5	

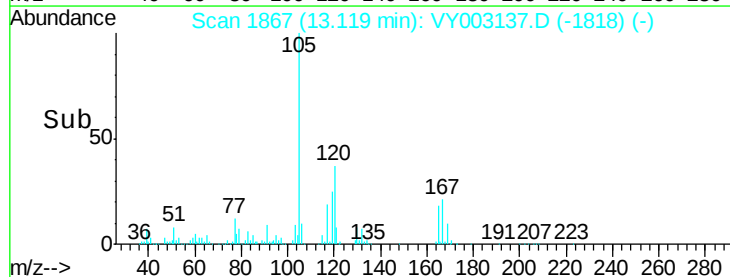
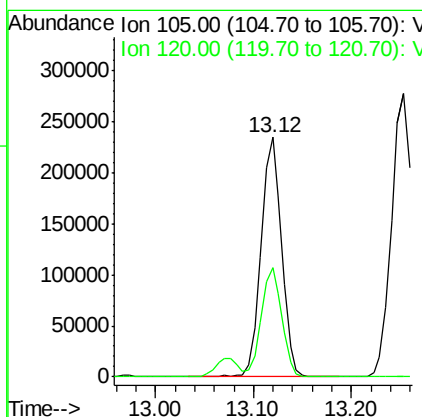
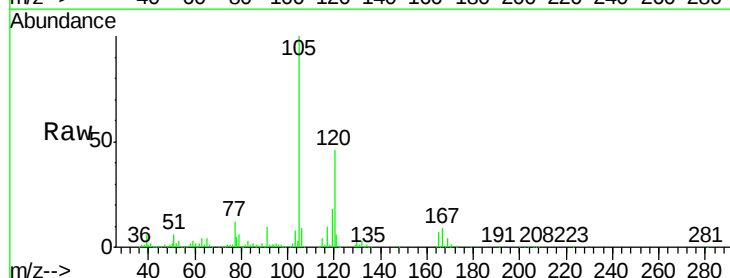
Manual Integrations
APPROVED

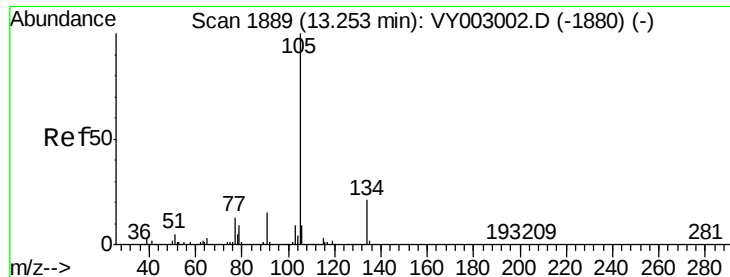
MMDadoda
7/9/2020 10:48:52 AM



#84
1,2,4-Trimethylbenzene
Concen: 21.063 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	340812		
120	45.7	22.6	67.8	





#85

sec-Butylbenzene

Concen: 21.138 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion:105 Resp: 410809

Ion Ratio Lower Upper

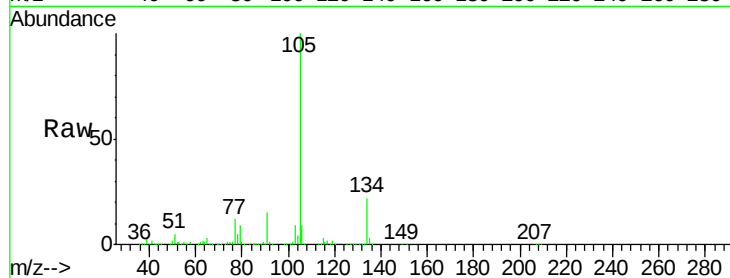
105 100

134 20.9 10.4 31.2

Manual Integrations
APPROVED

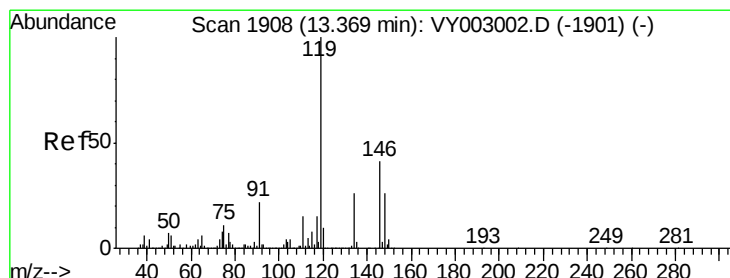
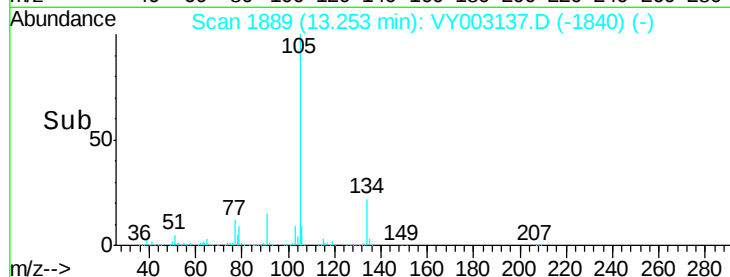
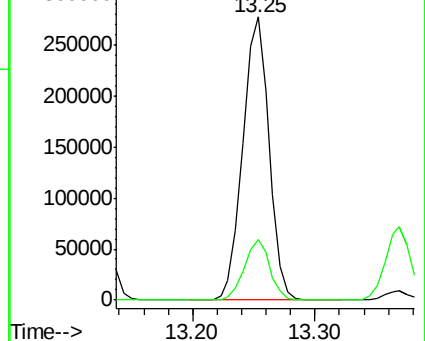
MMDadoda

7/9/2020 10:48:52 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.226 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

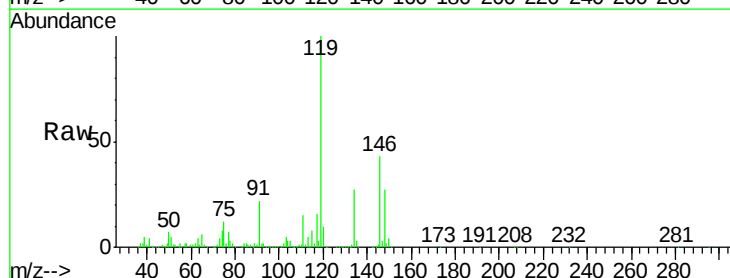
Tgt Ion:119 Resp: 382255

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

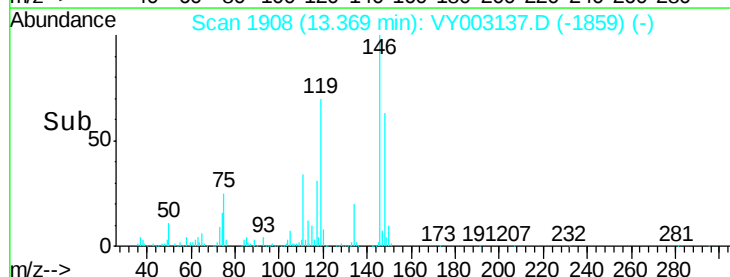
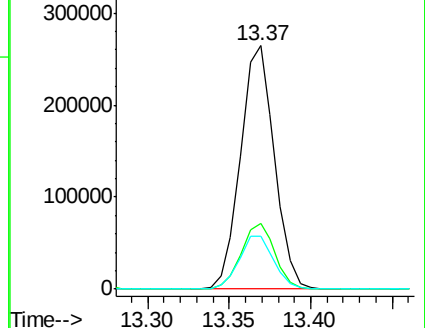
91 22.3 11.5 34.5

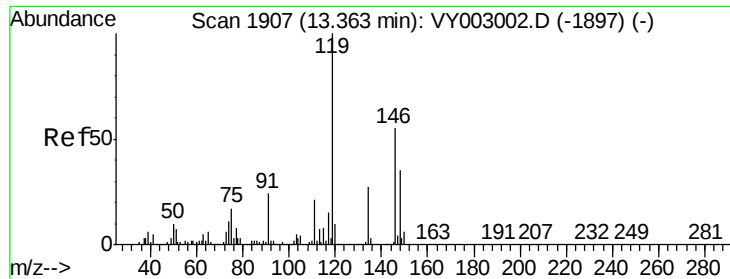


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





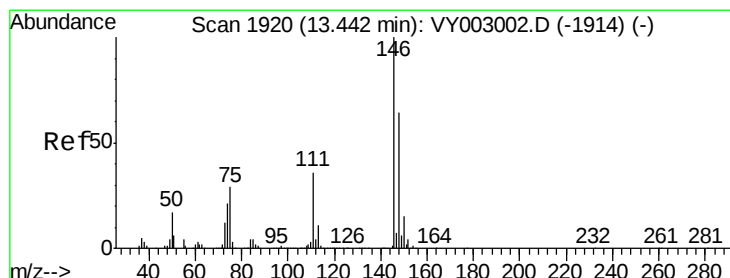
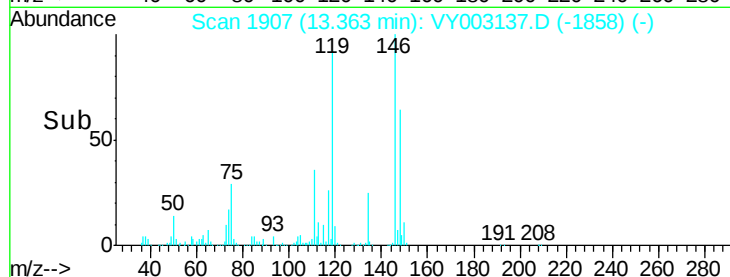
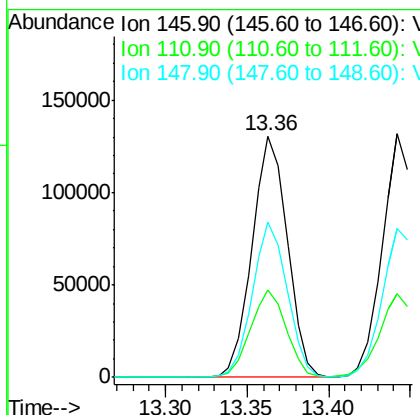
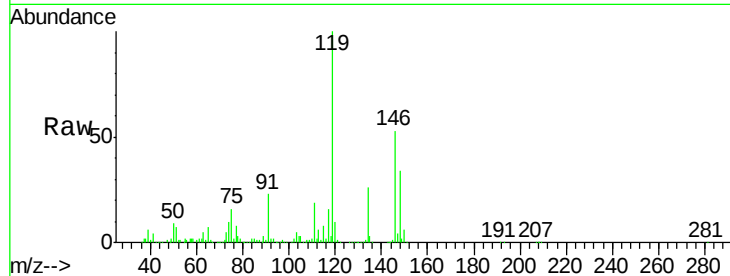
#87
 1,3-Dichlorobenzene
 Concen: 21.519 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	197115		
111	36.6	18.8	56.3	
148	63.4	31.8	95.3	

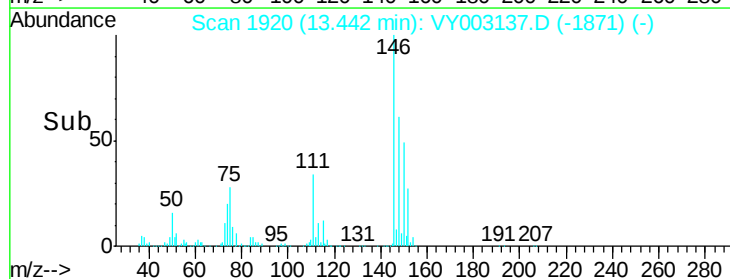
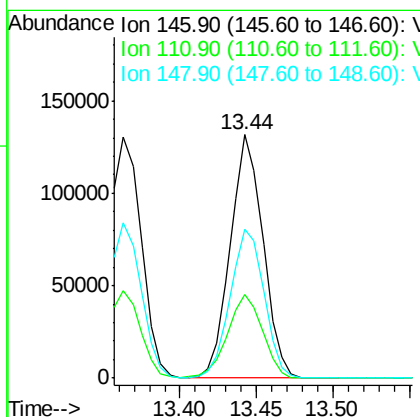
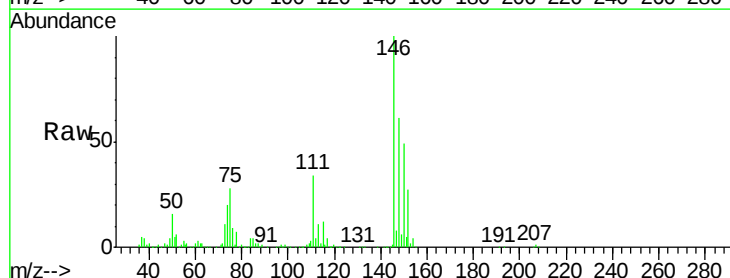
Manual Integrations
 APPROVED

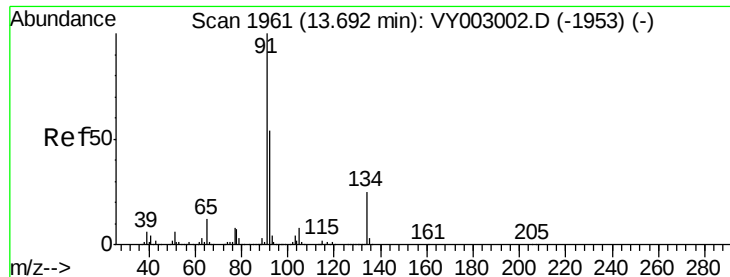
MMDadoda
 7/9/2020 10:48:52 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.654 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	195592		
111	36.8	18.4	55.4	
148	63.2	32.3	96.9	





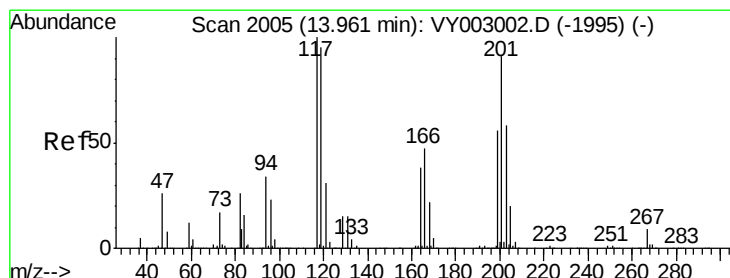
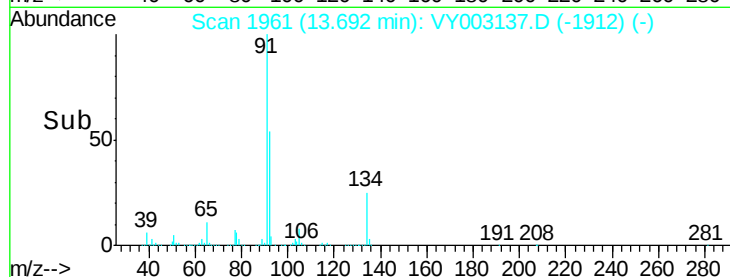
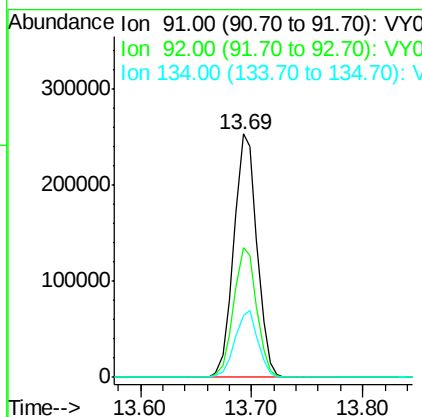
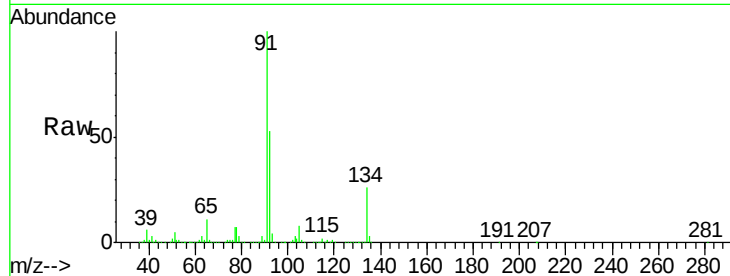
#89
n-Butylbenzene
Concen: 21.153 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.3
134	27.2	13.1	39.1

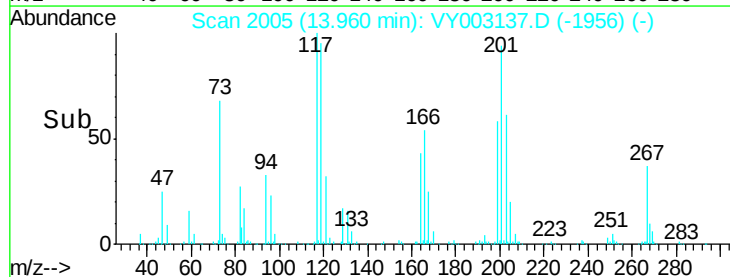
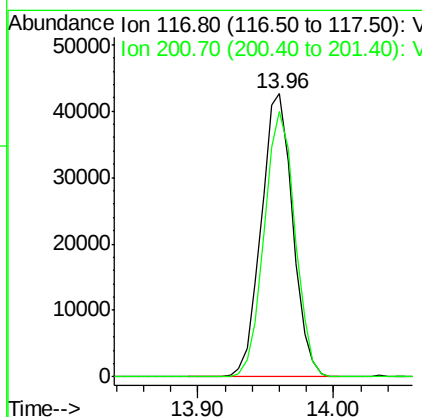
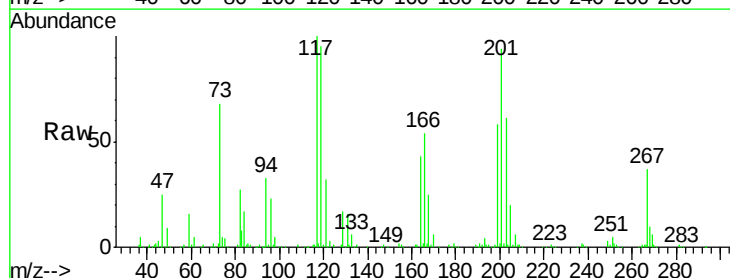
Manual Integrations
APPROVED

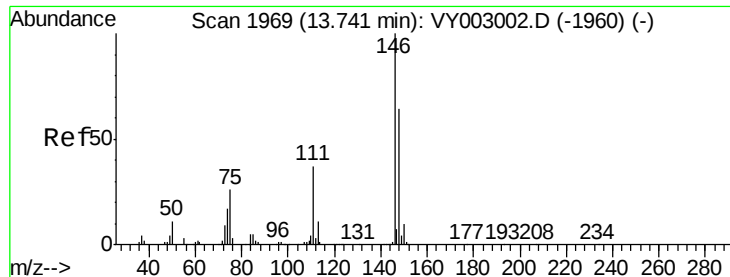
MMDadoda
7/9/2020 10:48:52 AM



#90
Hexachloroethane
Concen: 19.405 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.5	45.5	136.4





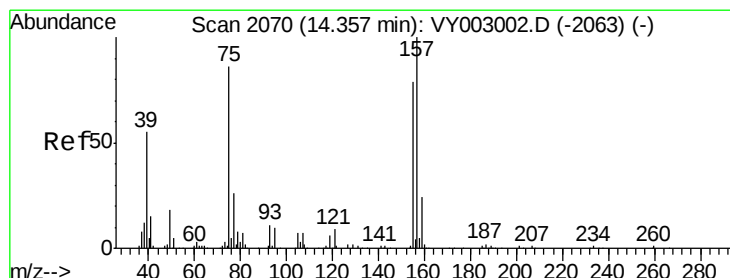
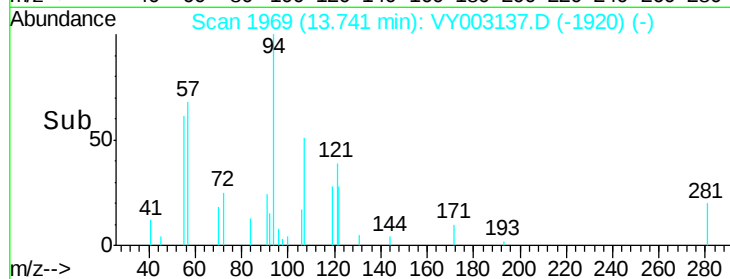
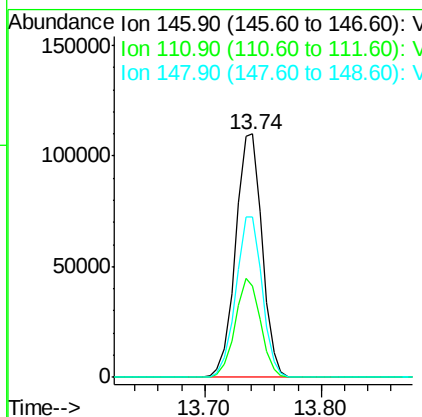
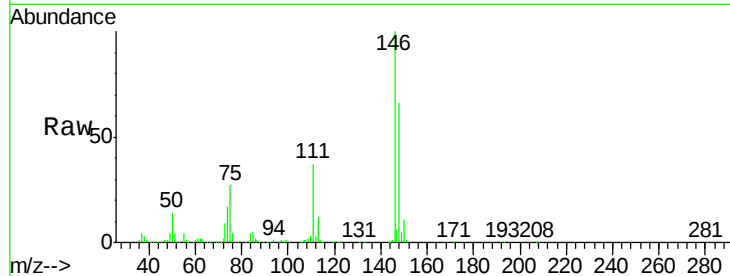
#91
 1,2-Dichlorobenzene
 Concen: 21.212 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.5
148	65.4	31.8	95.3

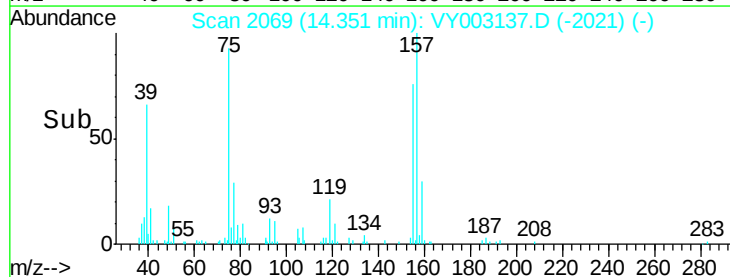
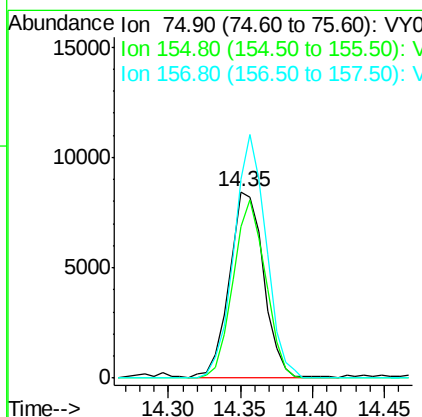
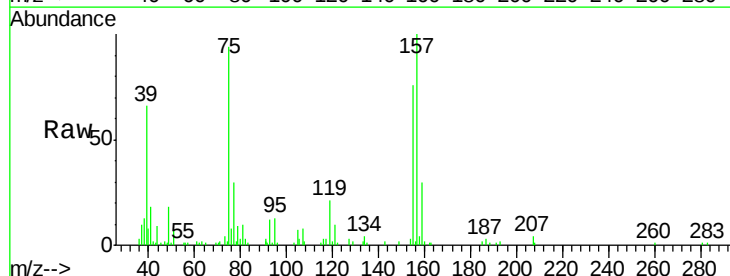
Manual Integrations
 APPROVED

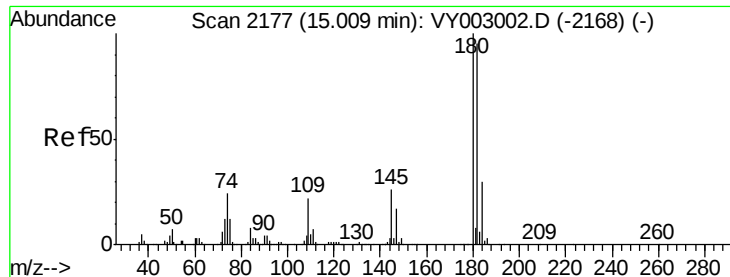
MMDadoda
 7/9/2020 10:48:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.637 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	46.5	139.3
157	121.5	59.2	177.5





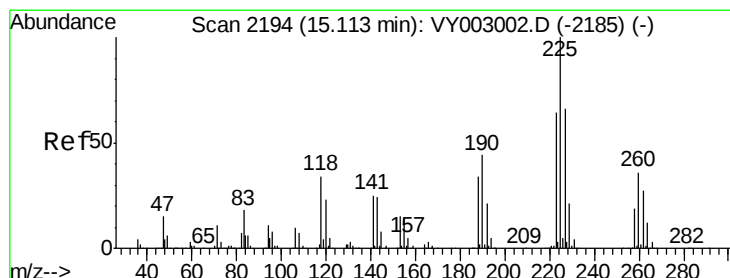
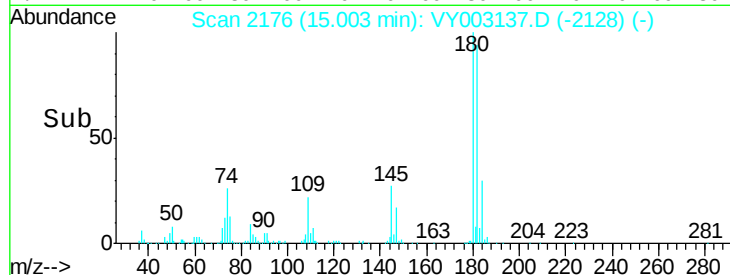
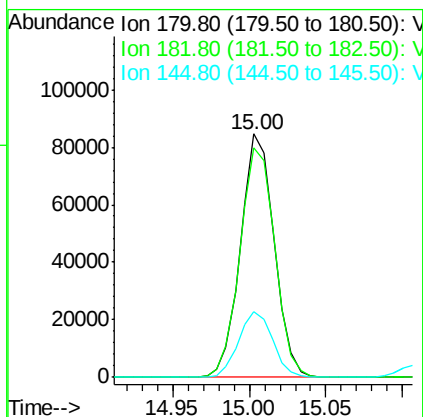
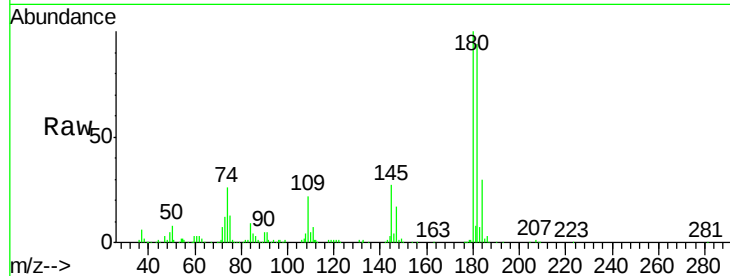
#93
 1,2,4-Trichlorobenzene
 Concen: 21.216 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129566		
182	97.2	48.1	144.3	
145	27.3	13.9	41.6	

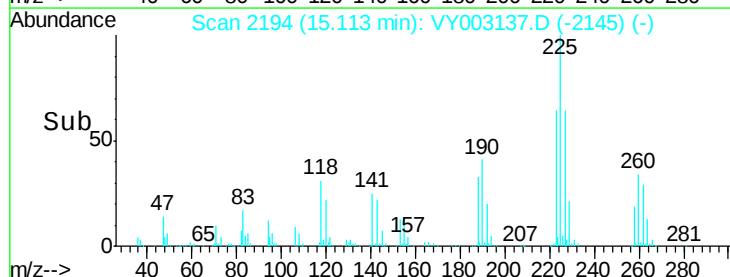
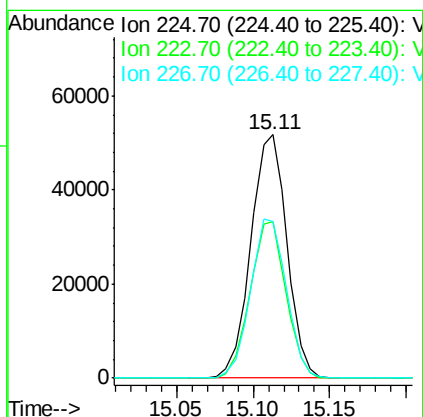
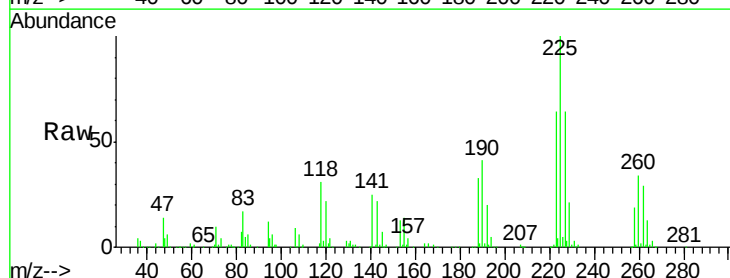
Manual Integrations
 APPROVED

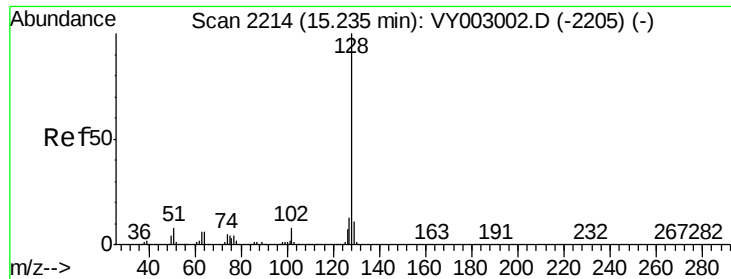
MMDadoda
 7/9/2020 10:48:52 AM



#94
 Hexachlorobutadiene
 Concen: 22.075 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85034		
223	63.7	32.4	97.0	
227	65.2	32.4	97.2	





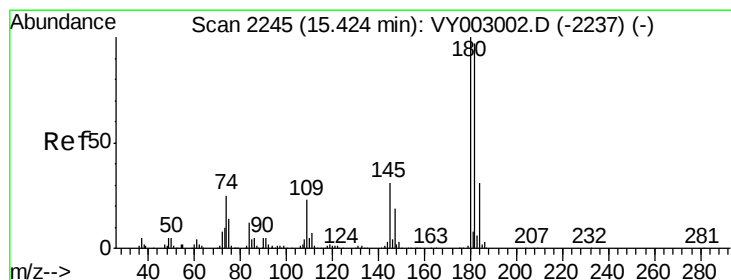
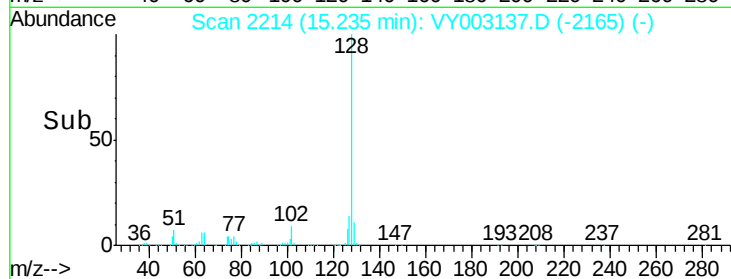
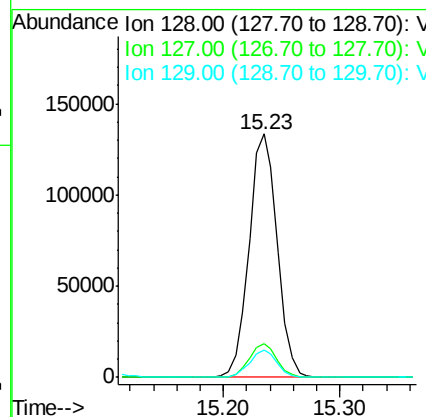
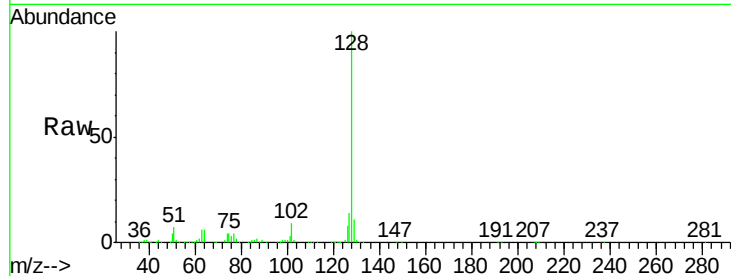
#95
Naphthalene
Concen: 20.049 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	223636		
127	13.7		10.8	16.2
129	11.1		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.550 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	108975		
182	94.8		47.8	143.3
145	29.8		14.7	44.1

