

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003408.D
 Acq On : 03 Aug 2020 11:39
 Operator : SY/MD
 Sample : VY0803SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 1:51:12 PM

Quant Time: Aug 04 01:54:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	472759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	695450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	637491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	341578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	233692	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
35) Dibromofluoromethane	7.72	113	216000	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.18	98	853569	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.48	95	290092	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	85556	22.101	ug/l	97
3) Chloromethane	2.12	50	108111	20.391	ug/l	96
4) Vinyl Chloride	2.25	62	111150	20.884	ug/l	99
5) Bromomethane	2.64	94	87454	22.243	ug/l	97
6) Chloroethane	2.79	64	69171	20.719	ug/l	95
7) Trichlorofluoromethane	3.13	101	151629	21.098	ug/l	100
8) Diethyl Ether	3.53	74	52131	20.831	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	91340	21.277	ug/l	99
10) Methyl Iodide	4.09	142	88600	17.778	ug/l	99
11) Tert butyl alcohol	4.96	59	47181	102.312	ug/l	98
12) 1,1-Dichloroethene	3.88	96	87182	20.935	ug/l	97
13) Acrolein	3.73	56	45024	95.169	ug/l	97
14) Allyl chloride	4.48	41	146149	20.953	ug/l	98
15) Acrylonitrile	5.17	53	127080	102.346	ug/l	98
16) Acetone	3.96	43	102801	92.561	ug/l	99
17) Carbon Disulfide	4.20	76	284722	20.973	ug/l	100
18) Methyl Acetate	4.48	43	57388	19.585	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	236996	20.587	ug/l	99
20) Methylene Chloride	4.72	84	124852	16.436	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	98072	20.832	ug/l	99
22) Diisopropyl ether	6.13	45	309120	21.094	ug/l	98
23) Vinyl Acetate	6.07	43	986613	102.770	ug/l	100
24) 1,1-Dichloroethane	6.02	63	170286	20.736	ug/l	99
25) 2-Butanone	6.99	43	164655	97.285	ug/l	98
26) 2,2-Dichloropropane	6.99	77	153081	20.891	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	106077	20.506	ug/l	100
28) Bromochloromethane	7.34	49	71492	22.380	ug/l	100
29) Tetrahydrofuran	7.35	42	110700	100.248	ug/l	99
30) Chloroform	7.51	83	171097	21.005	ug/l	96
31) Cyclohexane	7.79	56	165842	20.814	ug/l	93
32) 1,1,1-Trichloroethane	7.70	97	152778	20.558	ug/l	97
36) 1,1-Dichloropropene	7.92	75	137807	20.940	ug/l	99
37) Ethyl Acetate	7.08	43	74193	19.826	ug/l	99
38) Carbon Tetrachloride	7.90	117	142037	20.974	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	168896	21.033	ug/l	95
40) Benzene	8.16	78	380611	20.844	ug/l	98
41) Methacrylonitrile	7.32	41	41301m	19.252	ug/l	
42) 1,2-Dichloroethane	8.24	62	114659	20.617	ug/l	99
43) Isopropyl Acetate	8.27	43	139884	19.805	ug/l	100
44) Trichloroethene	8.94	130	110529	21.047	ug/l	96
45) 1,2-Dichloropropane	9.22	63	100021	20.917	ug/l	99
46) Dibromomethane	9.31	93	55422	20.658	ug/l	99
47) Bromodichloromethane	9.50	83	134829	20.855	ug/l	99
48) Methyl methacrylate	9.29	41	63198	19.823	ug/l	97
49) 1,4-Dioxane	9.30	88	13297	382.934	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	369179	99.740	ug/l	99
52) Toluene	10.24	92	236599	20.660	ug/l	97
53) t-1,3-Dichloropropene	10.46	75	142448	20.760	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	162280	20.869	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	77453	20.582	ug/l	100
56) Ethyl methacrylate	10.51	69	105956	20.338	ug/l	98
57) 1,3-Dichloropropane	10.79	76	132635	20.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	259814	107.668	ug/l	100
59) 2-Hexanone	10.83	43	256528	99.446	ug/l	98
60) Dibromochloromethane	10.99	129	98230	20.785	ug/l	99
61) 1,2-Dibromoethane	11.09	107	73479	20.155	ug/l	99
64) Tetrachloroethene	10.72	164	112860	21.177	ug/l	98
65) Chlorobenzene	11.52	112	262930	21.018	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	100917	20.740	ug/l	99
67) Ethyl Benzene	11.59	91	472879	20.964	ug/l	99
68) m/p-Xylenes	11.70	106	357735	42.068	ug/l	98
69) o-Xylene	12.03	106	168552	21.174	ug/l	100
70) Styrene	12.04	104	289152	21.229	ug/l	99
71) Bromoform	12.20	173	65895	20.840	ug/l	99
73) Isopropylbenzene	12.33	105	461755	20.916	ug/l	100
74) N-amyl acetate	12.14	43	131039	20.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	86625	19.810	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	61596m	20.073	ug/l	
77) Bromobenzene	12.61	156	117609	20.967	ug/l	98
78) n-propylbenzene	12.67	91	553557	20.951	ug/l	100
79) 2-Chlorotoluene	12.75	91	303157	20.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	392089	21.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	32469	20.012	ug/l	97
82) 4-Chlorotoluene	12.85	91	327374	21.490	ug/l	97
83) tert-Butylbenzene	13.07	119	334783	20.805	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	394438	21.173	ug/l	99
85) sec-Butylbenzene	13.25	105	475564	21.246	ug/l	100
86) p-Isopropyltoluene	13.37	119	438156	20.929	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	221922	20.712	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	219951	20.821	ug/l	99
89) n-Butylbenzene	13.69	91	419890	21.223	ug/l	100
90) Hexachloroethane	13.96	117	84676	21.114	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	198281	20.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14474	20.545	ug/l	96

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

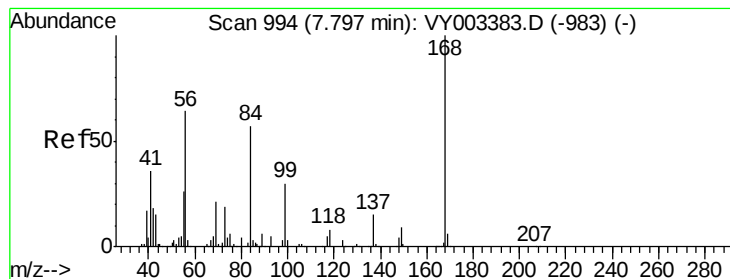
Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:51:12 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	143079	21.347	ug/l	99
94) Hexachlorobutadiene	15.11	225	95537	21.523	ug/l	99
95) Naphthalene	15.23	128	231900	20.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	116412	21.468	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

Tot Ion:168 Resp: 472759

Ion Ratio Lower Upper

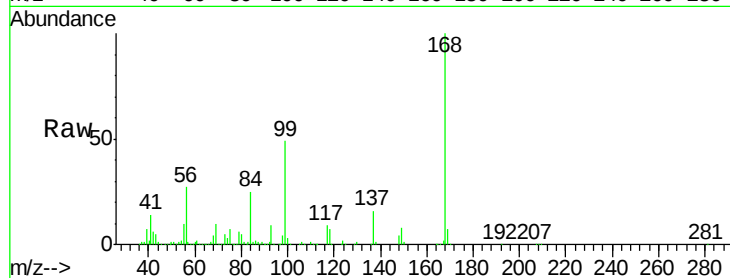
168 100

99 48.7 38.8 58.2

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

250000

200000

150000

100000

50000

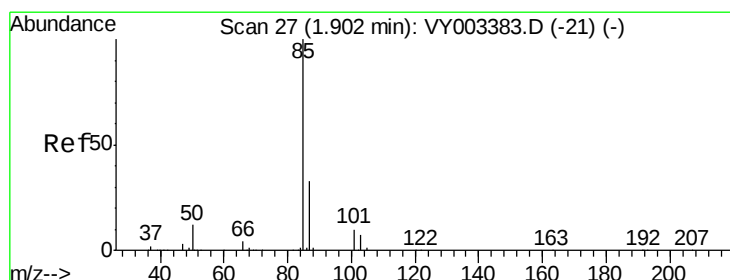
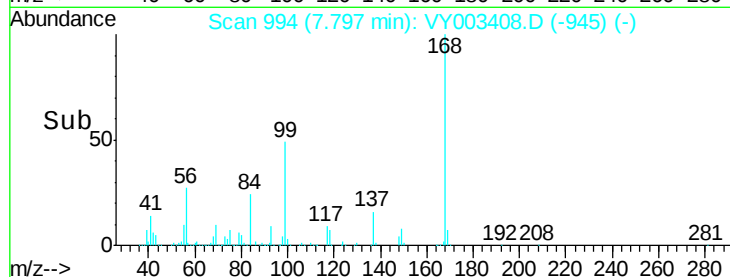
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.101 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003408.D

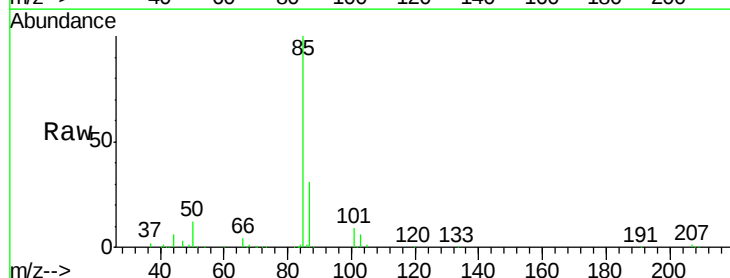
Acq: 03 Aug 2020 11:39

Tgt Ion: 85 Resp: 85556

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003383.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003383.D (-21) (-)

60000

50000

40000

30000

20000

10000

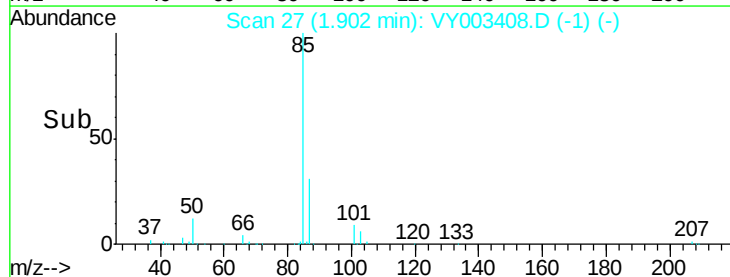
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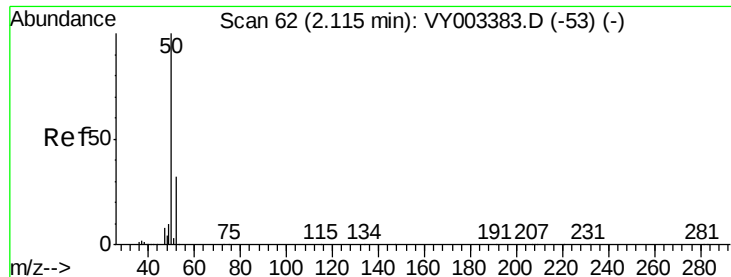
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 20.391 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

Tot Ion: 50 Resp: 108111

Ion Ratio Lower Upper

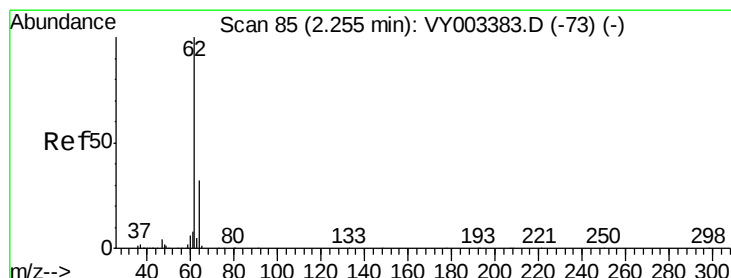
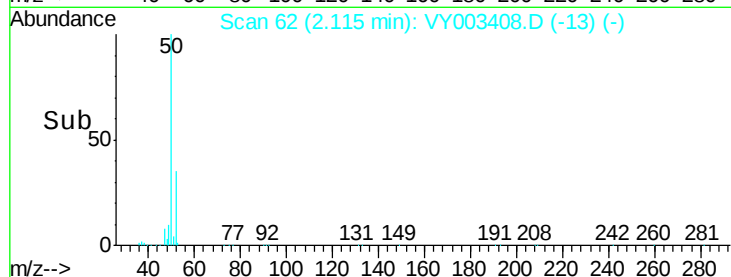
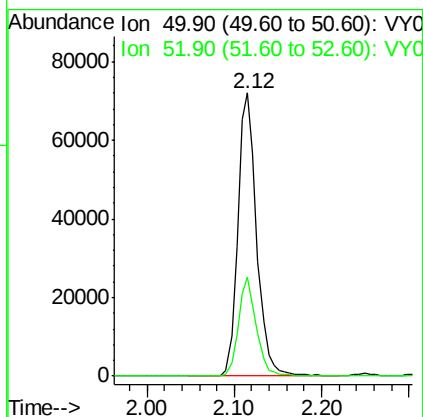
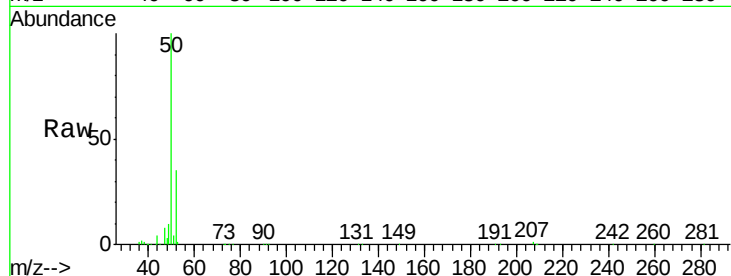
50 100

52 34.8 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.884 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003408.D

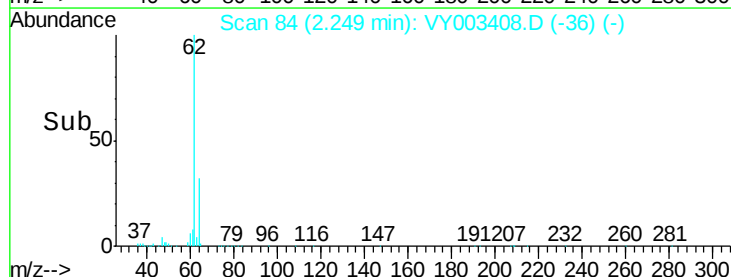
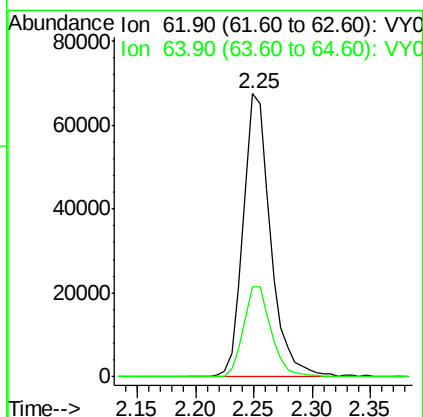
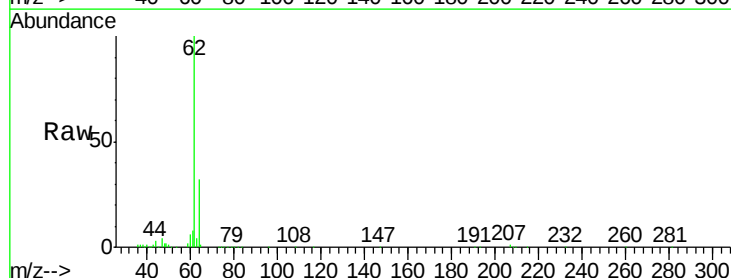
Acq: 03 Aug 2020 11:39

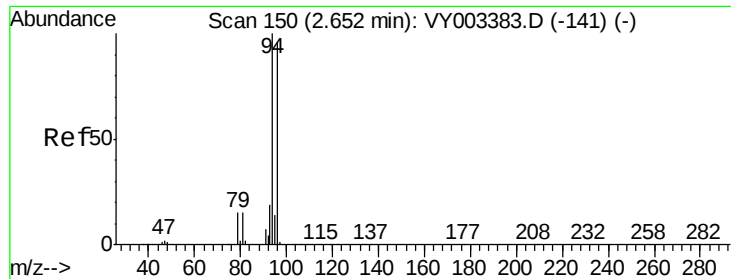
Tgt Ion: 62 Resp: 111150

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 22.243 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

Tot Ion: 94 Resp: 87454

Ion Ratio Lower Upper

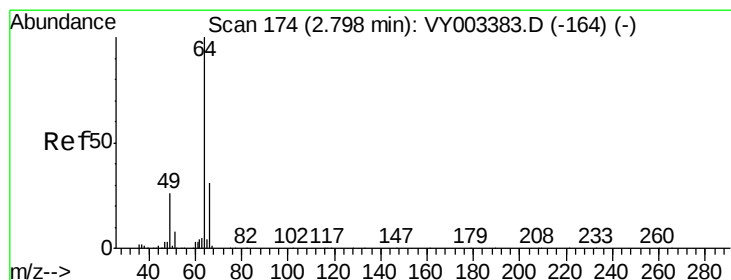
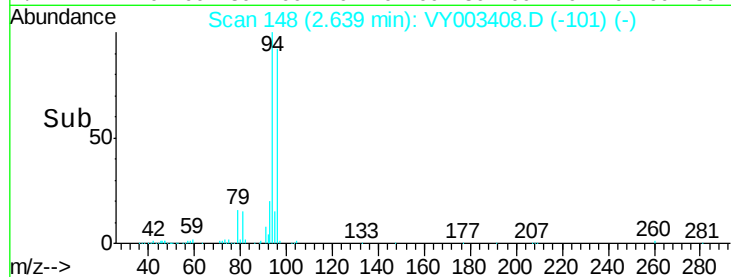
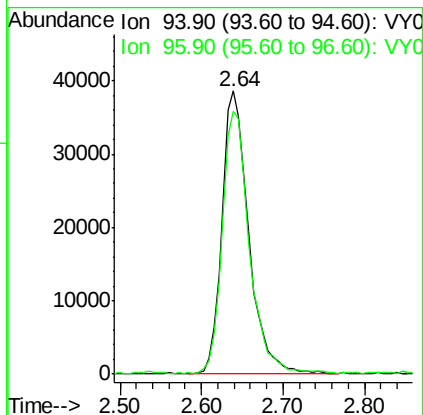
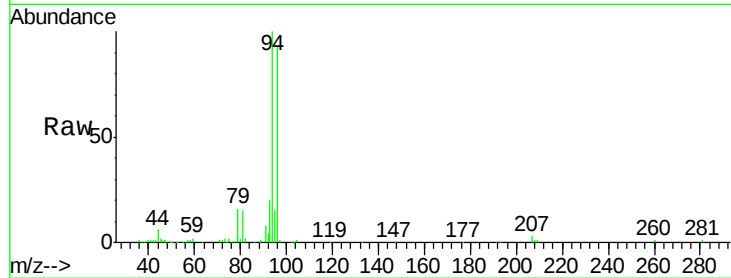
94 100

96 92.5 76.6 115.0

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 20.719 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003408.D

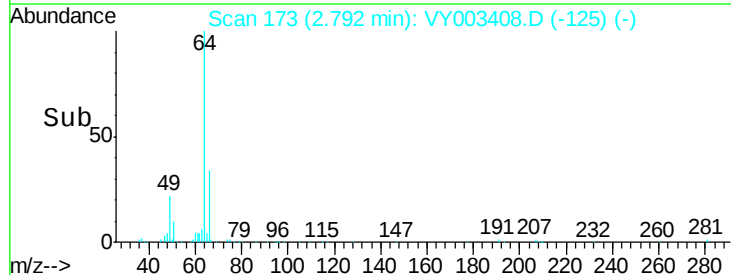
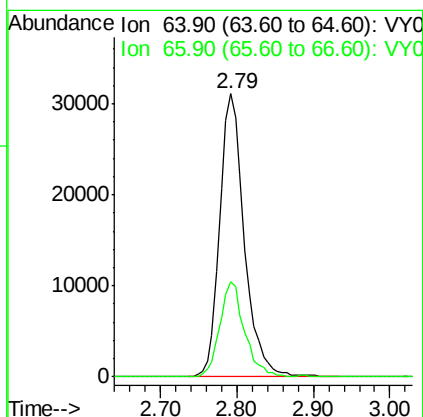
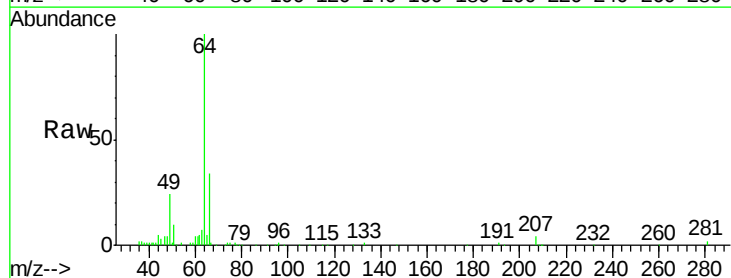
Acq: 03 Aug 2020 11:39

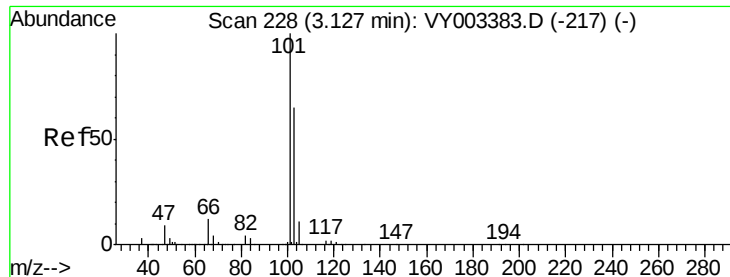
Tgt Ion: 64 Resp: 69171

Ion Ratio Lower Upper

64 100

66 33.6 24.7 37.1





#7

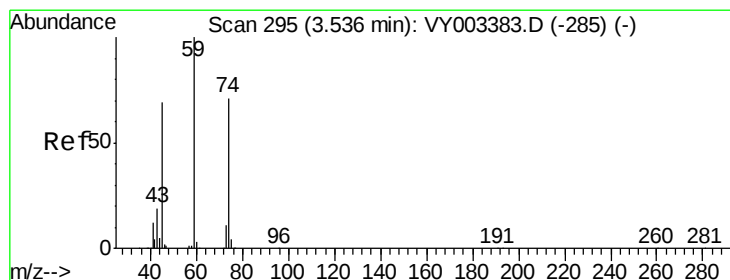
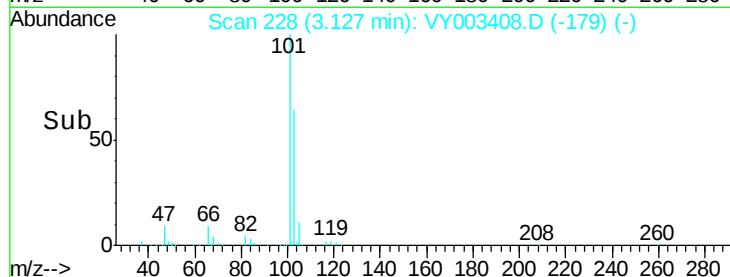
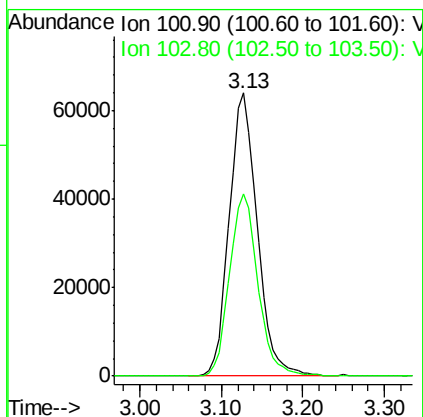
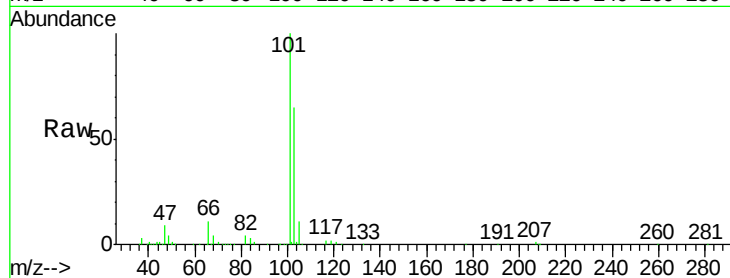
Trichlorofluoromethane
Concen: 21.098 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

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VY0803SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	151629		
103	64.6	51.8	77.6	

Manual Integrations
APPROVED

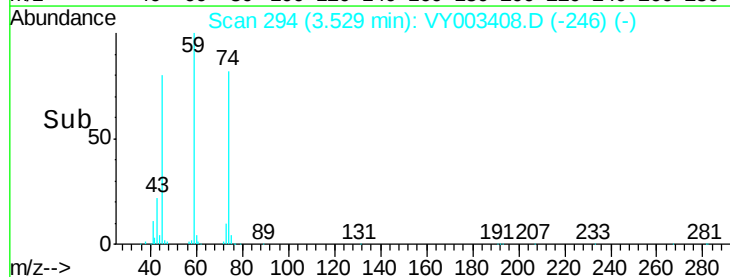
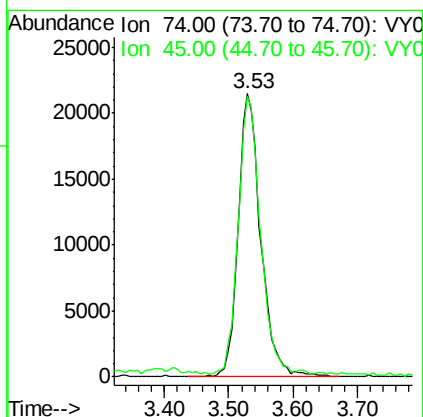
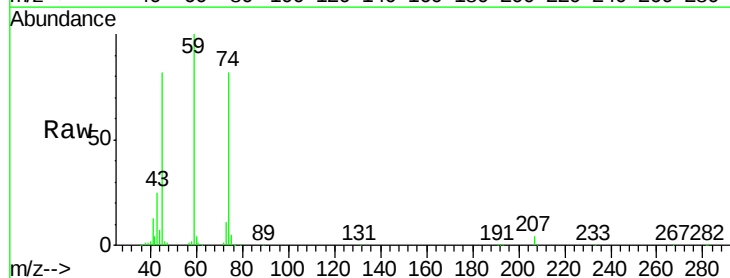
MMDadoda
8/4/2020 1:51:12 PM

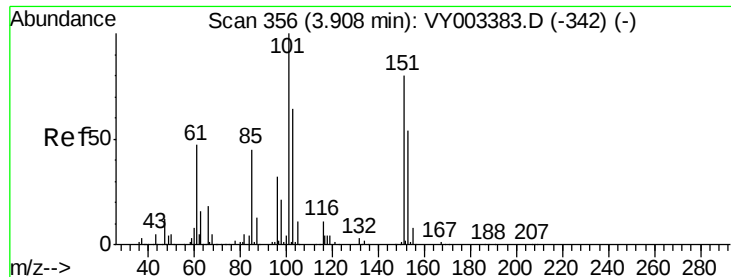


#8

Diethyl Ether
Concen: 20.831 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	52131		
45	96.7	48.7	146.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.277 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

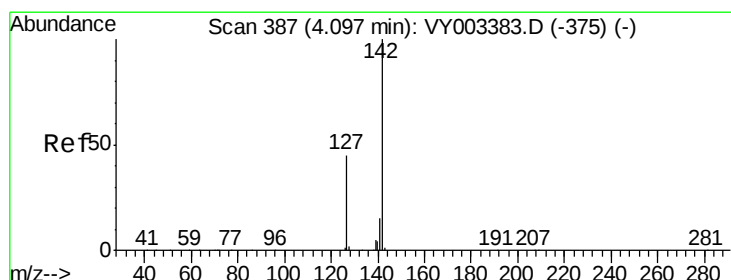
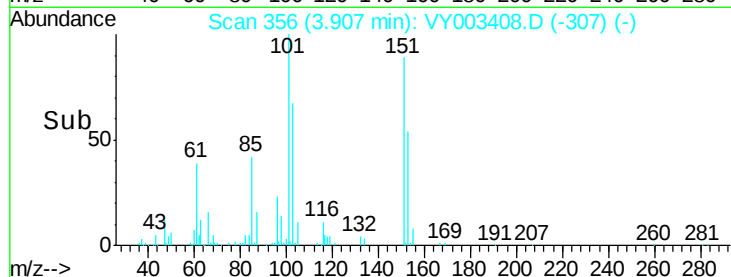
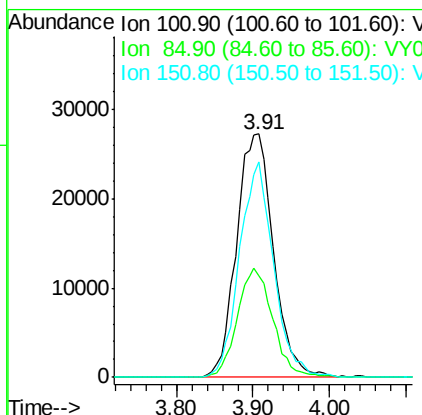
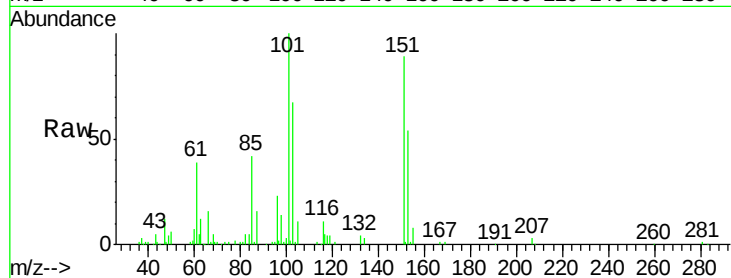
ClientSampleId :

VY0803SBS01

Tot Ion:	101	Resp:	91340
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.7	53.5
151	82.2	65.7	98.5

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 17.778 ug/l

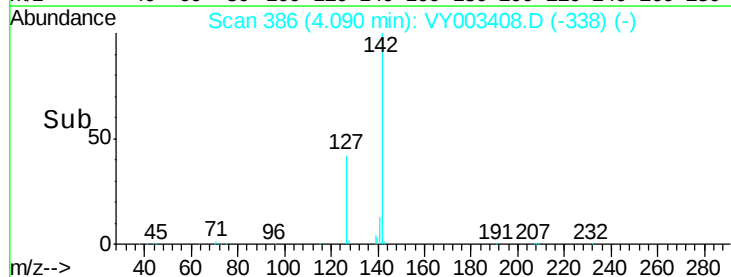
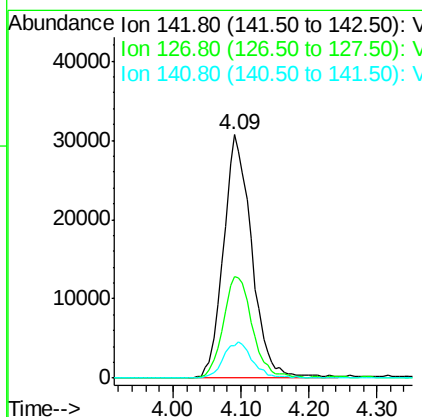
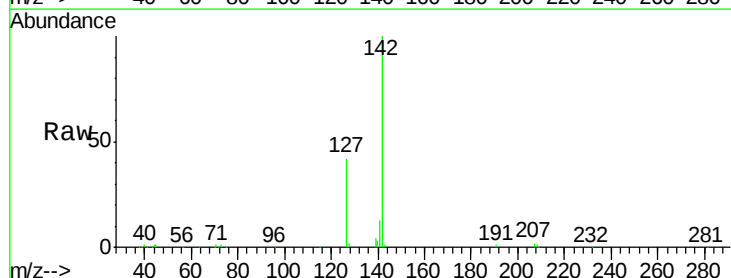
RT: 4.09 min Scan# 386

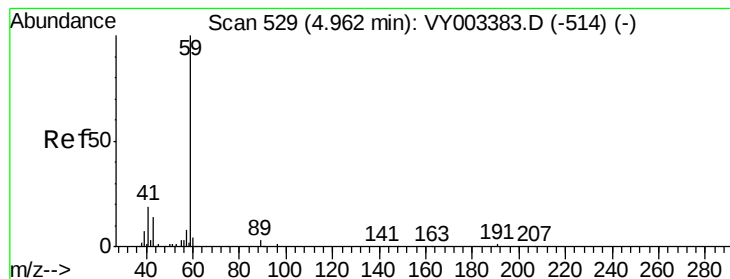
Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion:	142	Resp:	88600
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.6	52.0
141	15.0	11.4	17.0





#11

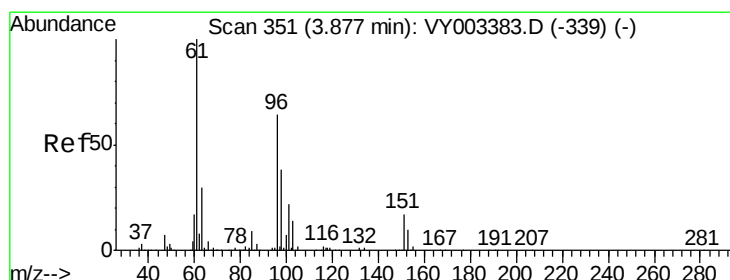
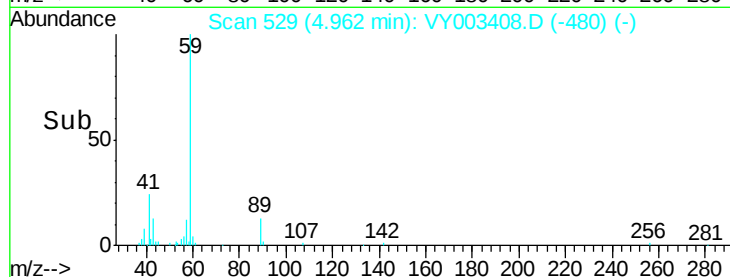
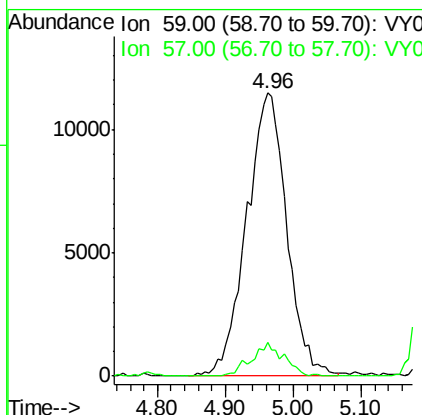
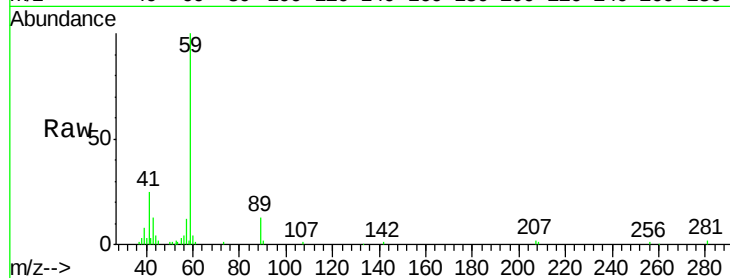
Tert butyl alcohol
 Concen: 102.312 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.0	12.0

Manual Integrations
 APPROVED

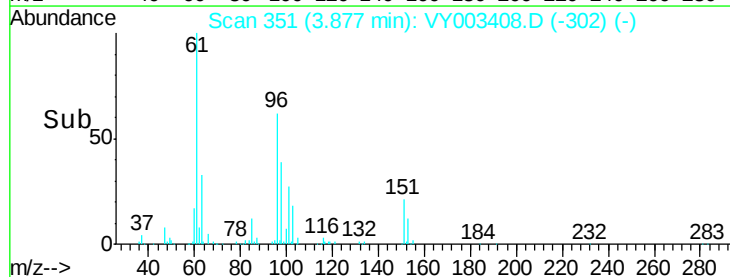
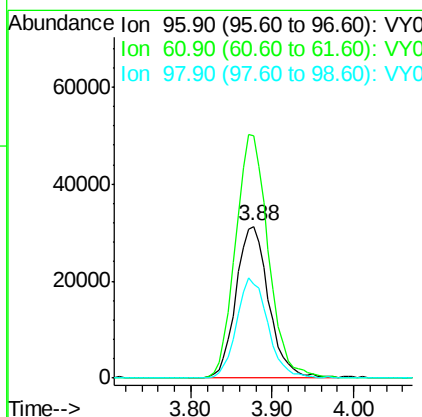
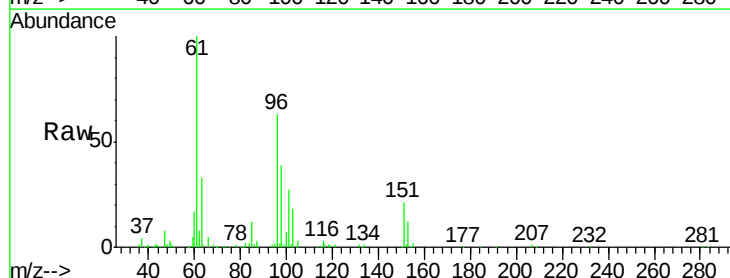
MMDadoda
 8/4/2020 1:51:12 PM

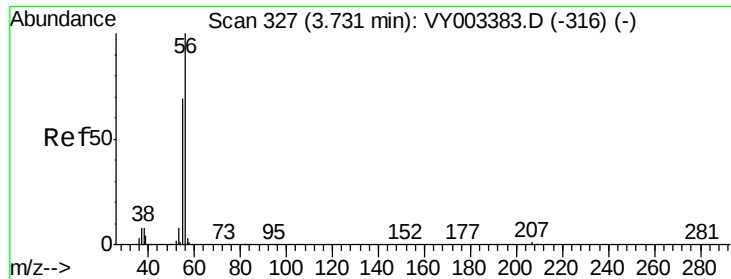


#12

1,1-Dichloroethene
 Concen: 20.935 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	124.7	187.1
98	62.3	47.4	71.2





#13

Acrolein

Concen: 95.169 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

Tot Ion: 56 Resp: 45024

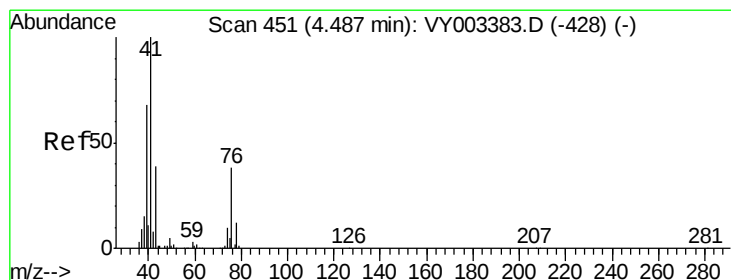
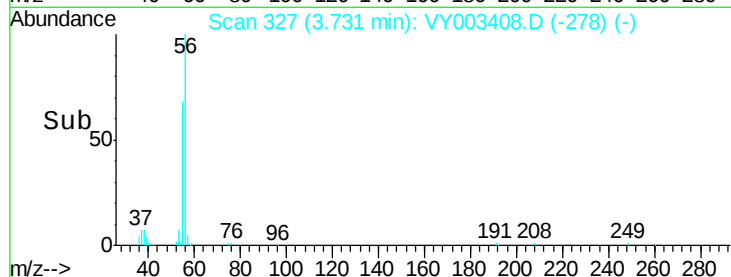
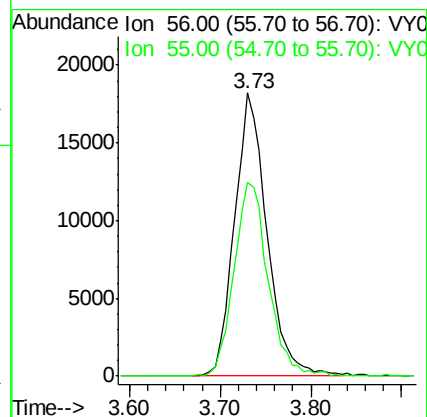
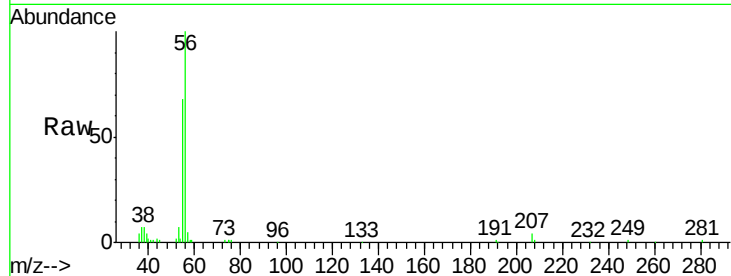
Ion Ratio Lower Upper

56 100

55 72.2 55.5 83.3

Manual Integrations
APPROVED

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8/4/2020 1:51:12 PM



#14

Allyl chloride

Concen: 20.953 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

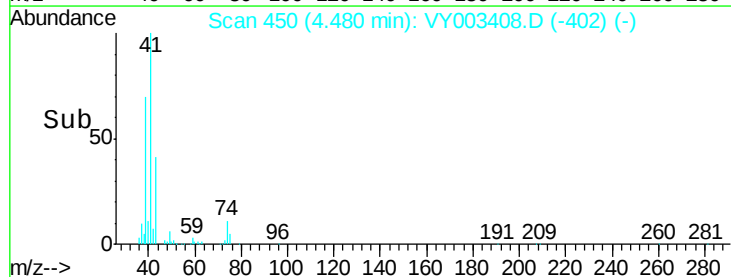
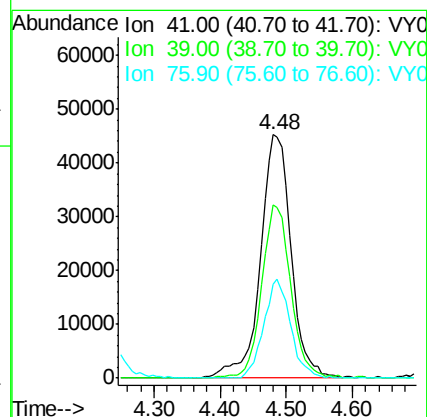
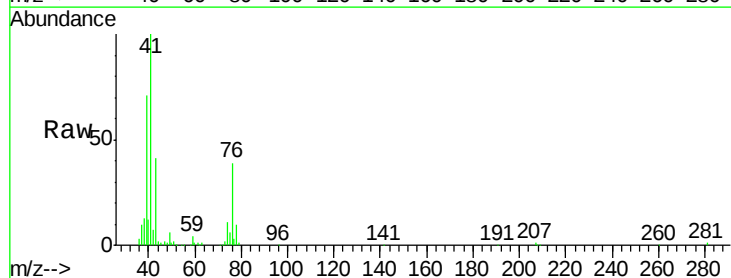
Tgt Ion: 41 Resp: 146149

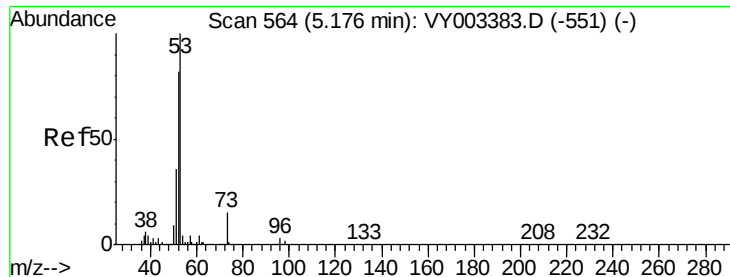
Ion Ratio Lower Upper

41 100

39 67.4 52.7 79.1

76 35.8 29.8 44.6





#15

Acrylonitrile

Concen: 102.346 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

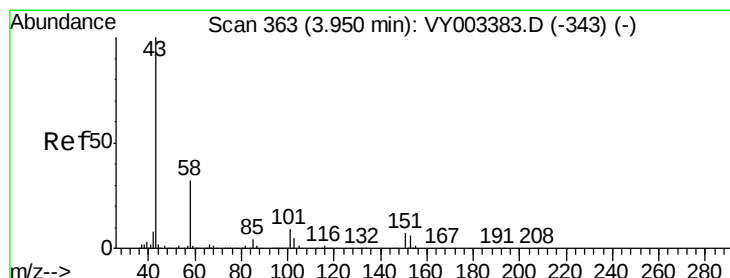
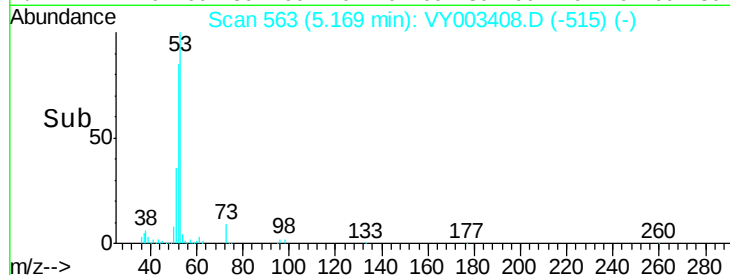
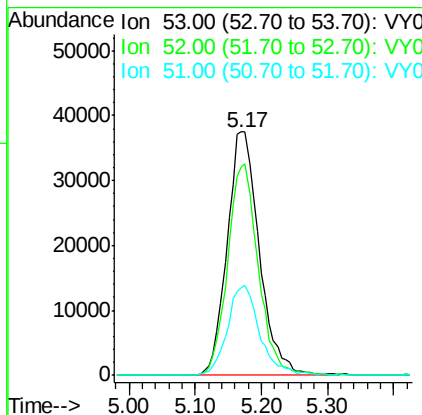
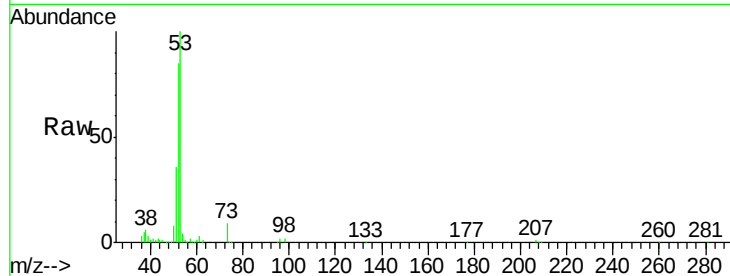
ClientSampleId :

VY0803SBS01

Tot Ion:	53	Resp:	127080
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.0	100.6
51	37.0	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 92.561 ug/l

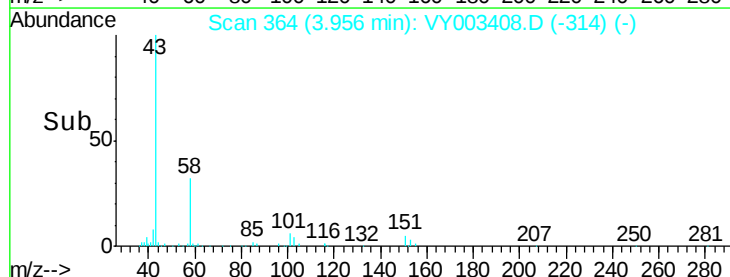
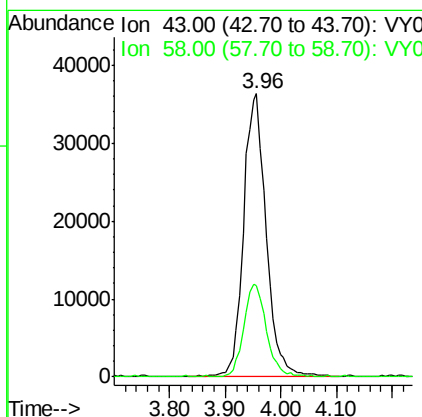
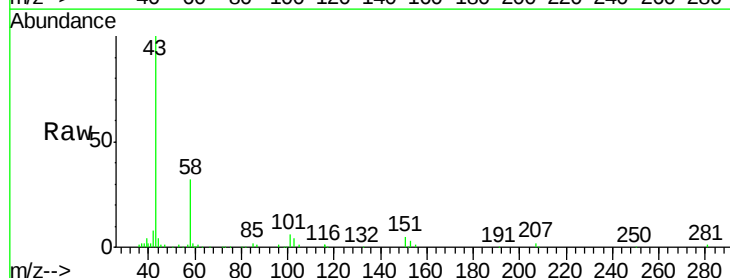
RT: 3.96 min Scan# 364

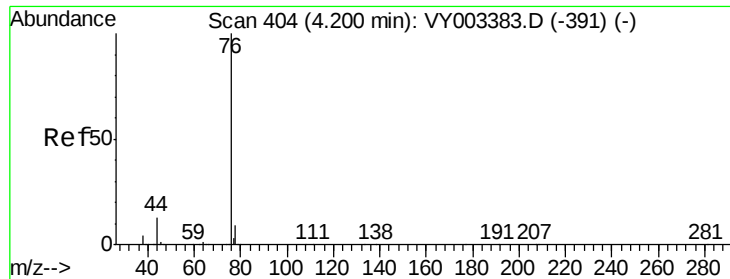
Delta R.T. 0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion:	43	Resp:	102801
Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.4	38.2





#17

Carbon Disulfide

Concen: 20.973 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

Tot Ion: 76 Resp: 284722

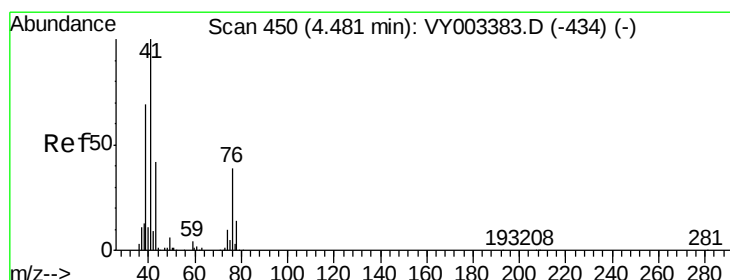
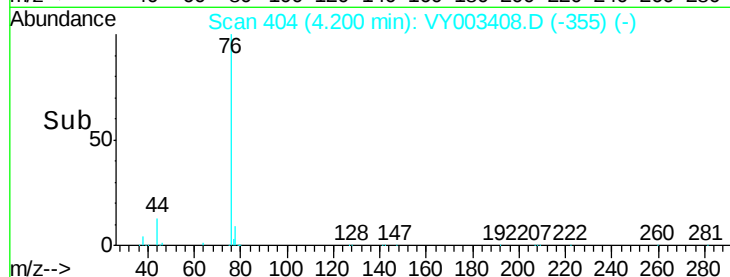
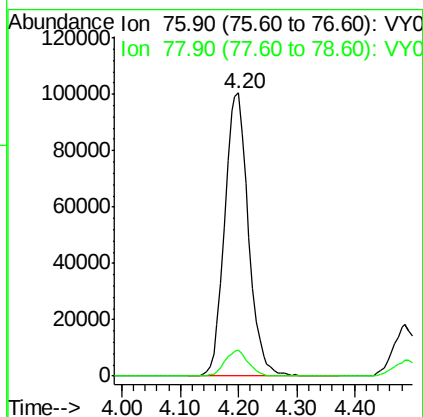
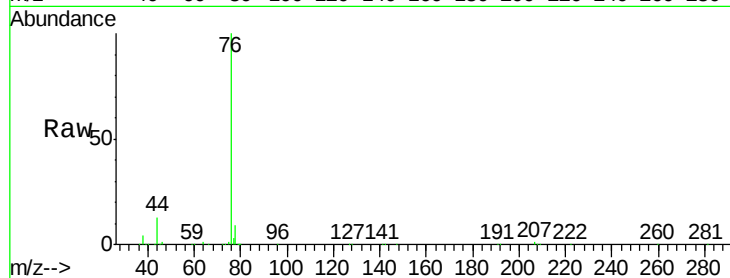
Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

Manual Integrations
APPROVED

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#18

Methyl Acetate

Concen: 19.585 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003408.D

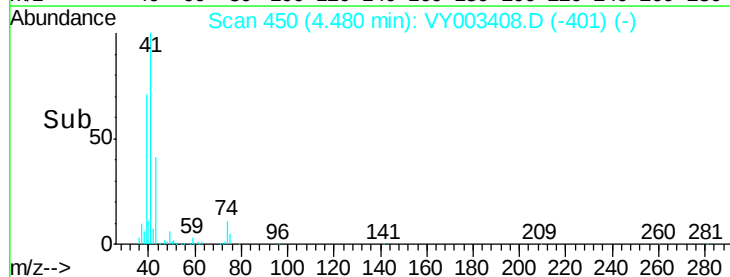
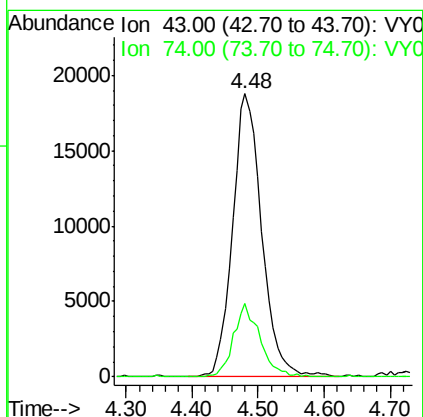
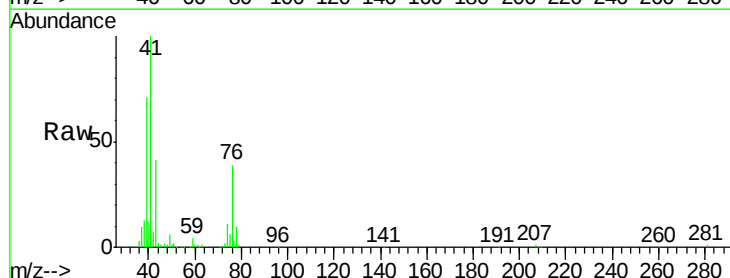
Acq: 03 Aug 2020 11:39

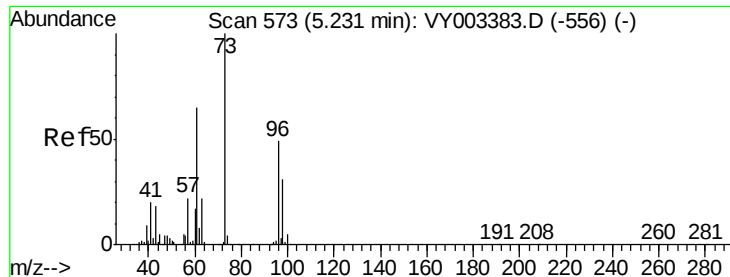
Tgt Ion: 43 Resp: 57388

Ion Ratio Lower Upper

43 100

74 23.0 19.2 28.8





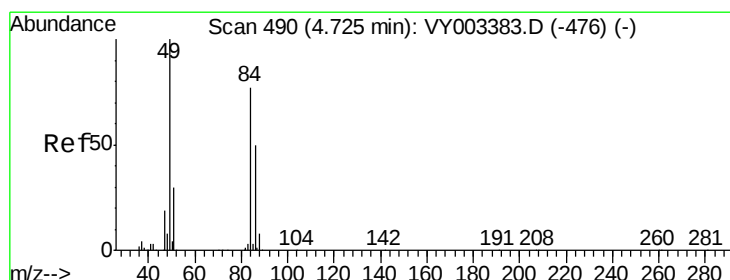
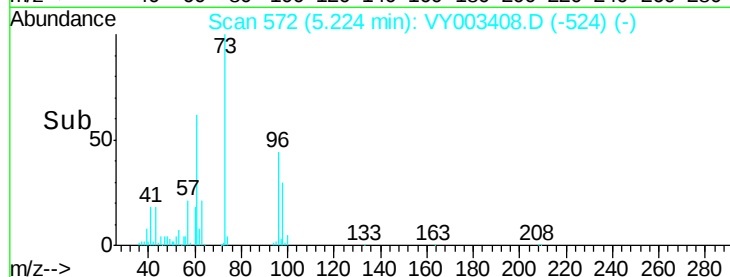
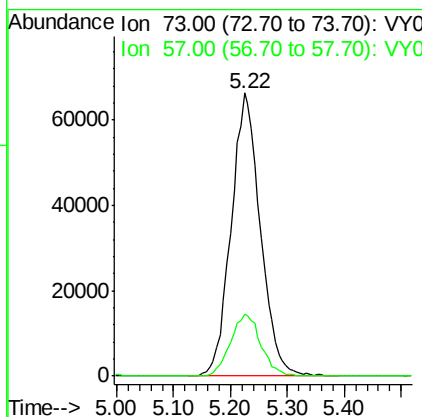
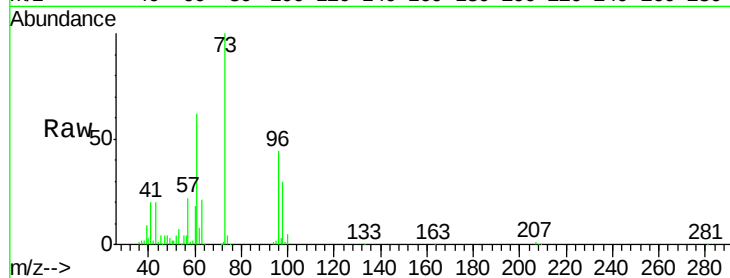
#19
Methvl tert-butvl Ether
Concen: 20.587 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.8

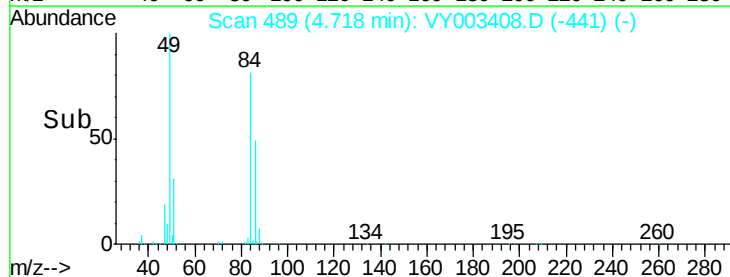
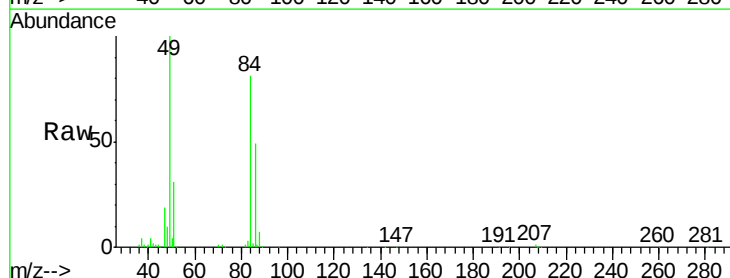
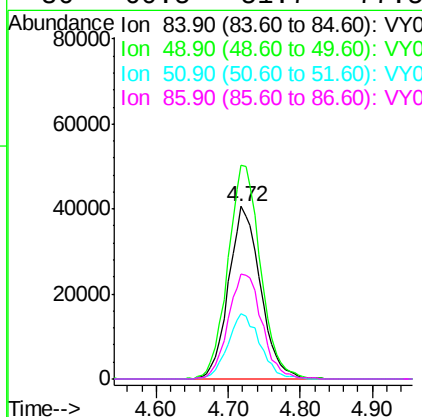
Manual Integrations
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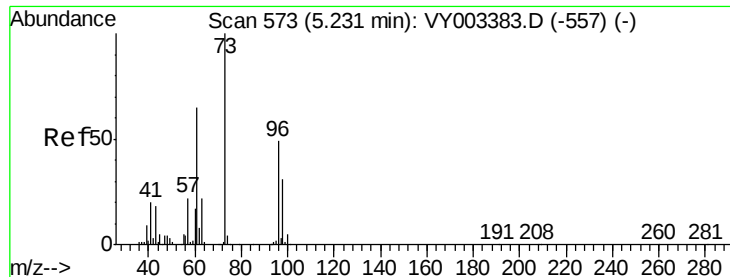
MMDadoda
8/4/2020 1:51:12 PM



#20
Methylene Chloride
Concen: 16.436 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	104.2	156.4
51	38.2	31.5	47.3
86	60.5	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 20.832 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

Tot Ion: 96 Resp: 98072

Ion Ratio Lower Upper

96 100

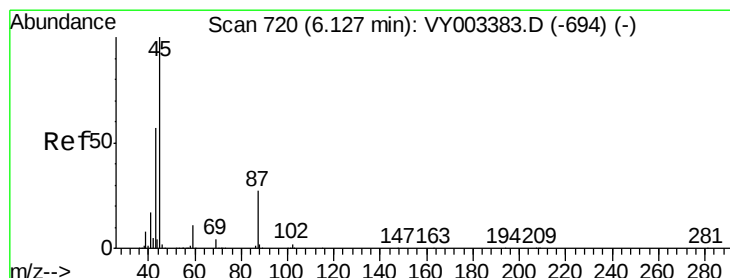
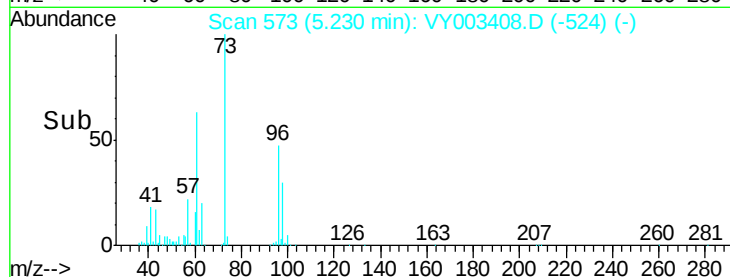
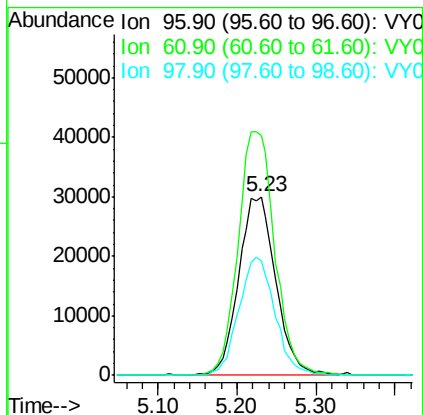
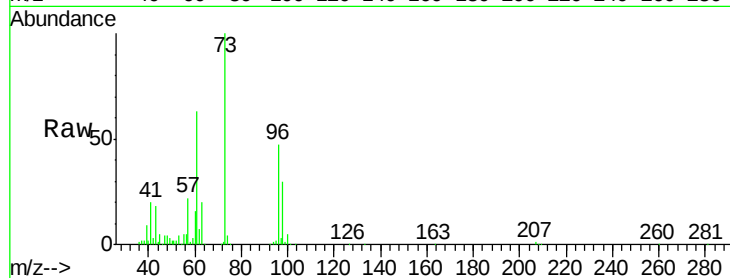
61 134.4 106.3 159.5

98 63.6 50.8 76.2

Manual Integrations
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8/4/2020 1:51:12 PM



#22

Diisopropyl ether

Concen: 21.094 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion: 45 Resp: 309120

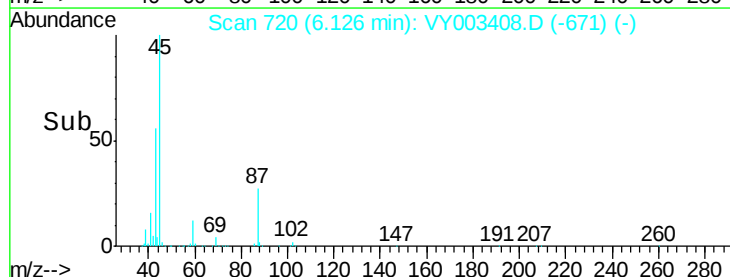
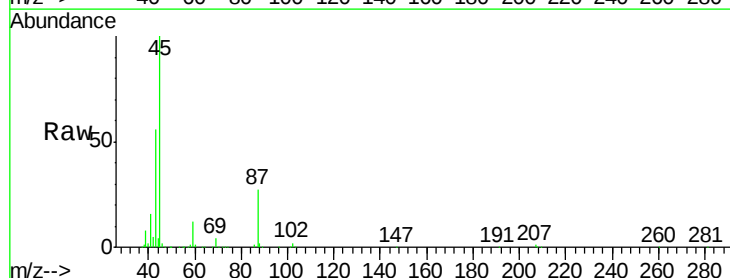
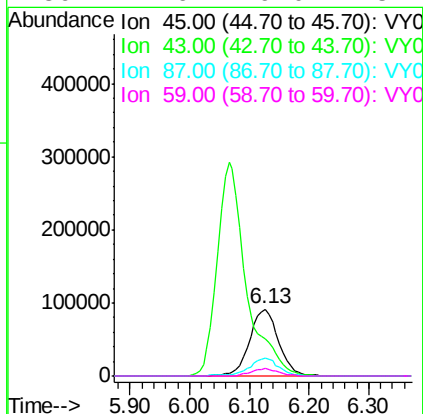
Ion Ratio Lower Upper

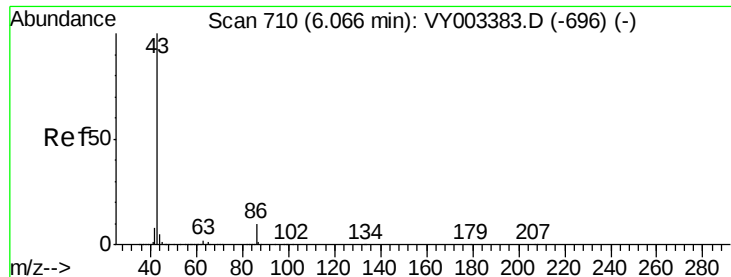
45 100

43 55.4 45.6 68.4

87 27.1 21.3 31.9

59 11.6 9.0 13.4





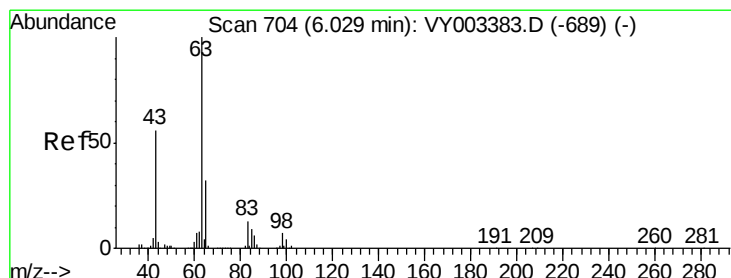
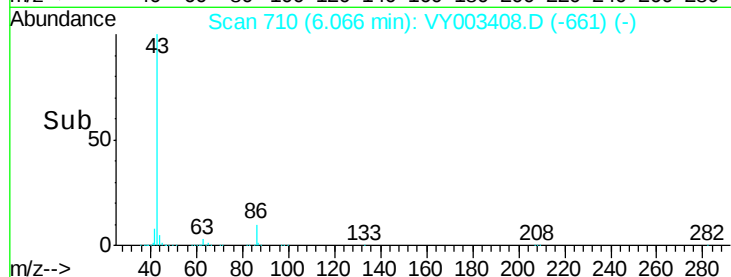
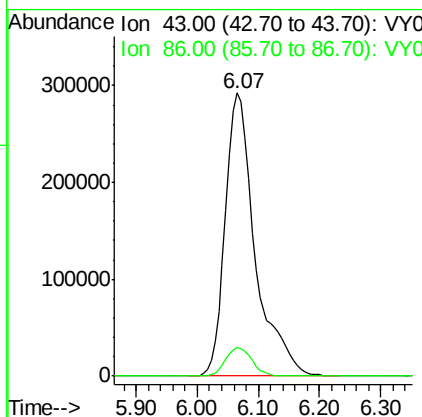
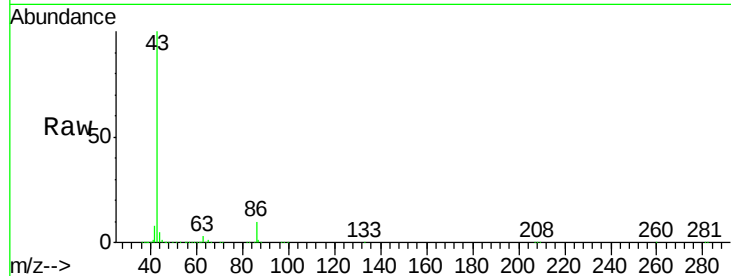
#23
 Vinyl Acetate
 Concen: 102.770 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion	43	Resp	986613
Ion Ratio	Lower	Upper	
43	100		
86	10.2	8.0	12.0

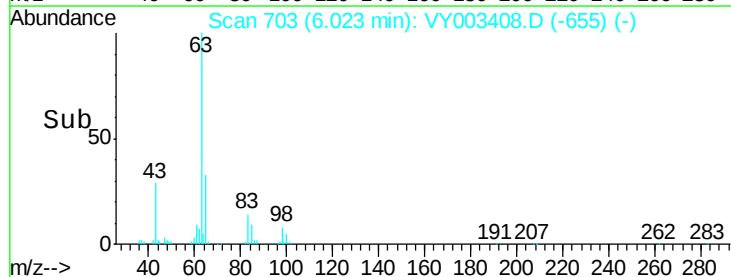
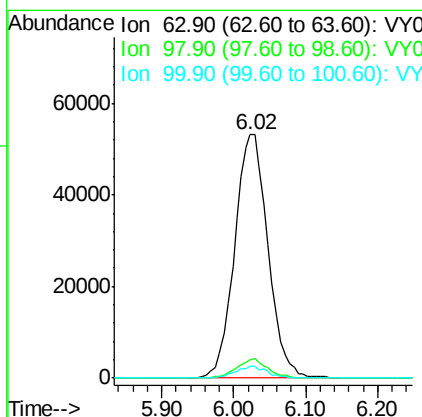
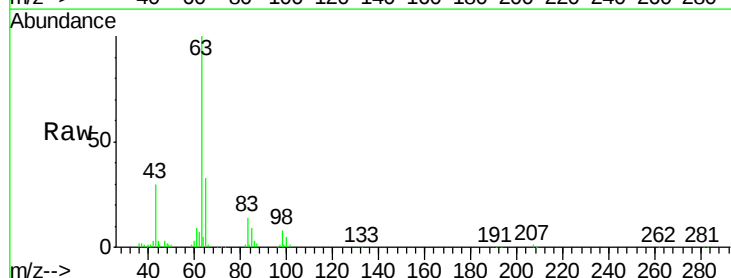
Manual Integrations
 APPROVED

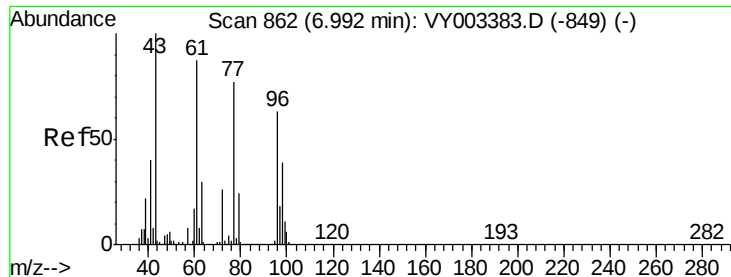
MMDadoda
 8/4/2020 1:51:12 PM



#24
 1,1-Dichloroethane
 Concen: 20.736 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	63	Resp	170286
Ion Ratio	Lower	Upper	
63	100		
98	7.6	3.5	10.6
100	4.9	2.2	6.6





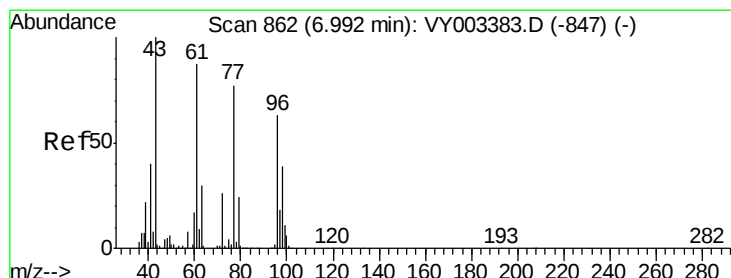
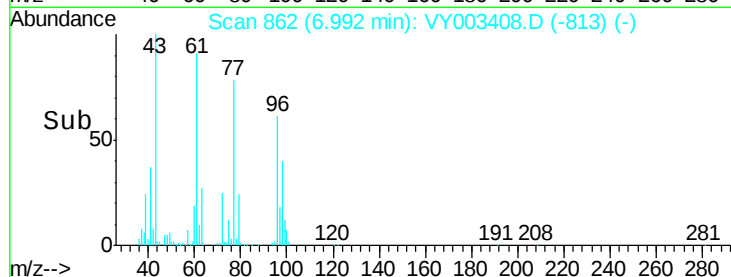
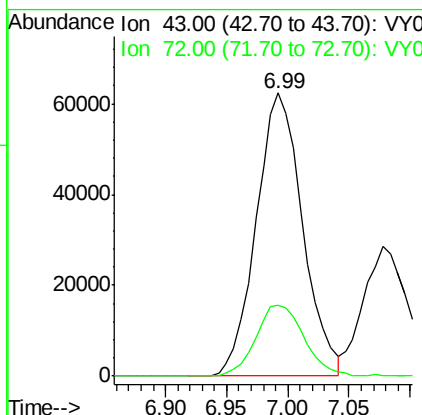
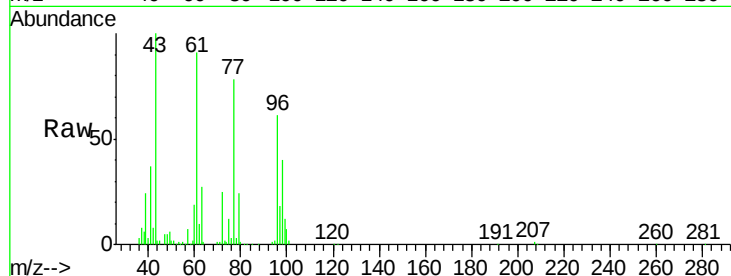
#25
2-Butanone
Concen: 97.285 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	43	Resp	164655
Ion	Ratio	Lower	Upper
43	100		
72	25.2	21.1	31.7

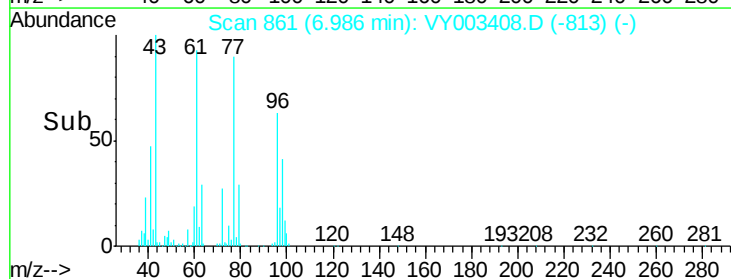
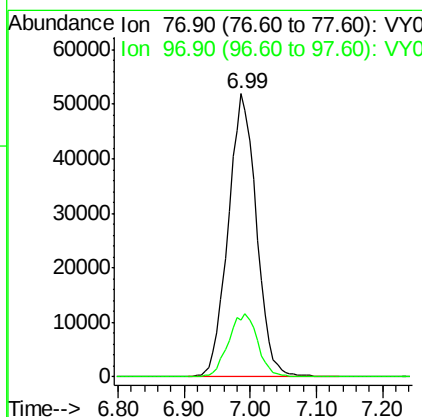
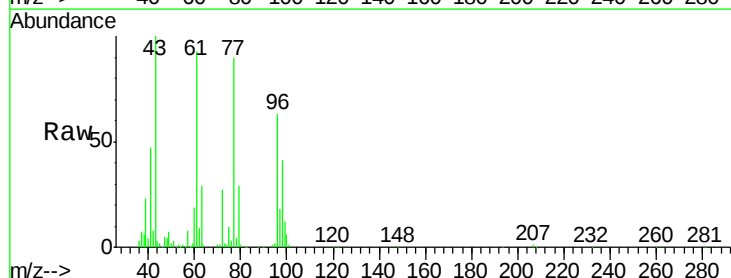
Manual Integrations
APPROVED

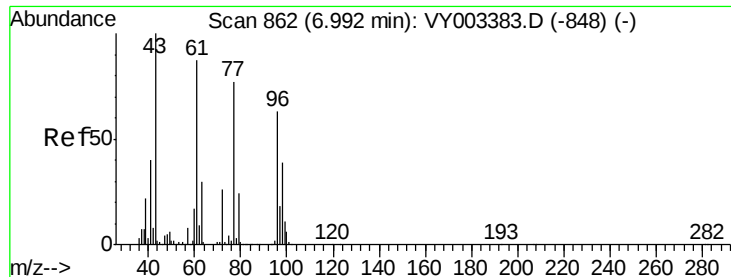
MMDadoda
8/4/2020 1:51:12 PM



#26
2,2-Dichloropropane
Concen: 20.891 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	77	Resp	153081
Ion	Ratio	Lower	Upper
77	100		
97	23.1	11.3	33.8





#27

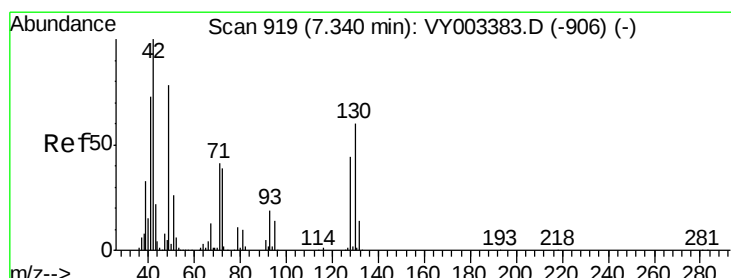
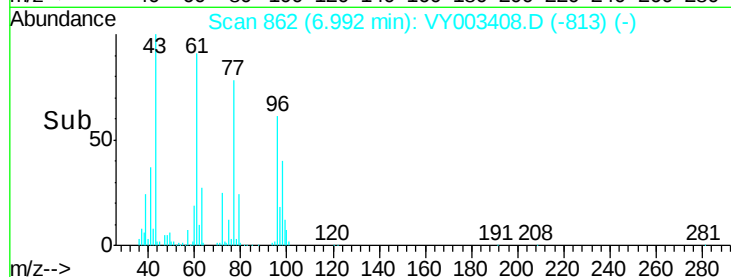
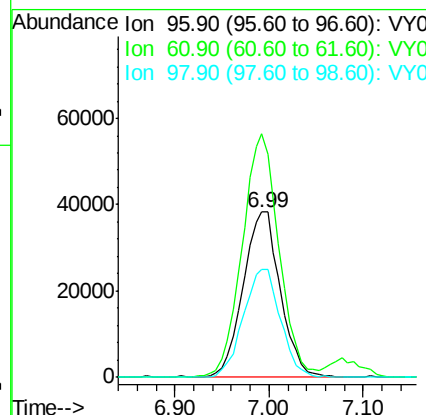
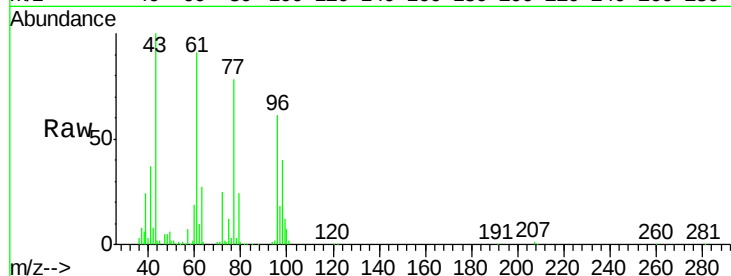
cis-1,2-Dichloroethene
 Concen: 20.506 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampled :
 VY0803SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.2	0.0	290.0	
98	65.2	0.0	129.0	

Manual Integrations
 APPROVED

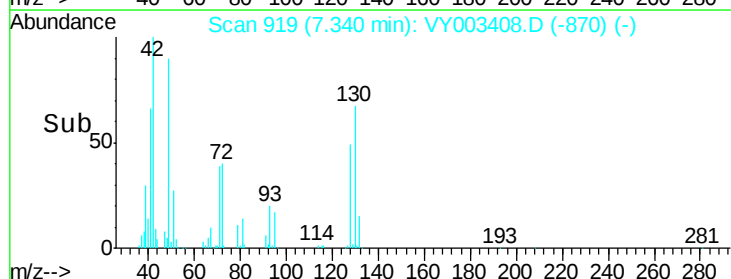
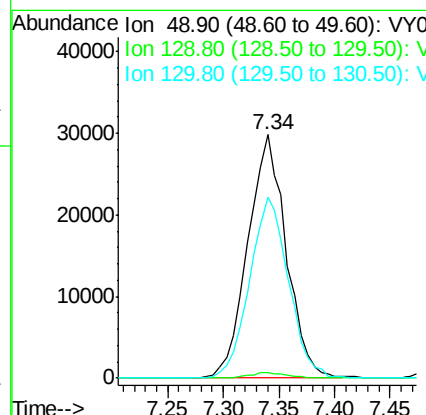
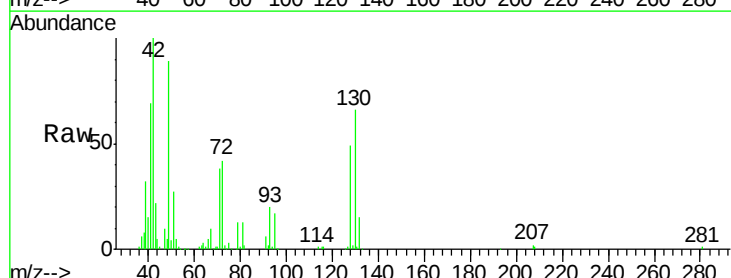
MMDadoda
 8/4/2020 1:51:12 PM

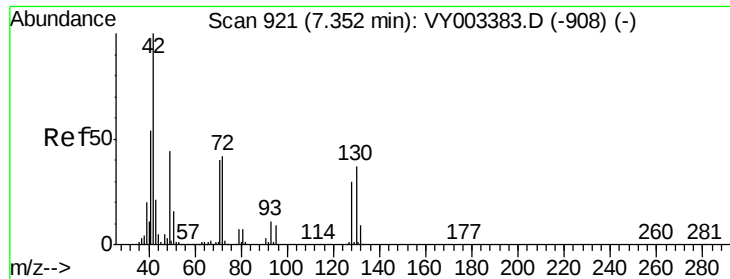


#28

Bromochloromethane
 Concen: 22.380 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.4	
130	75.5	60.3	90.5	





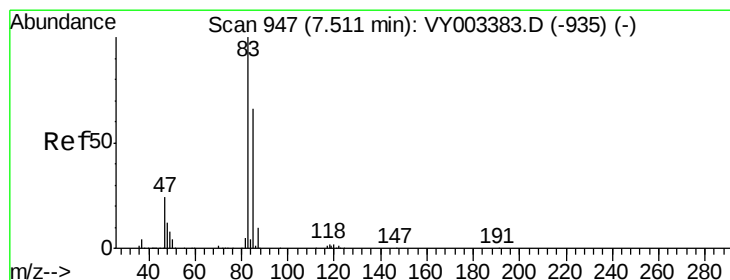
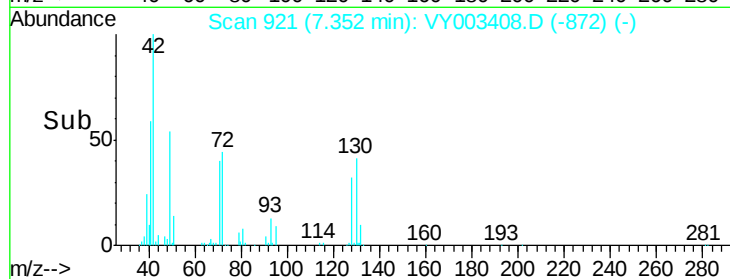
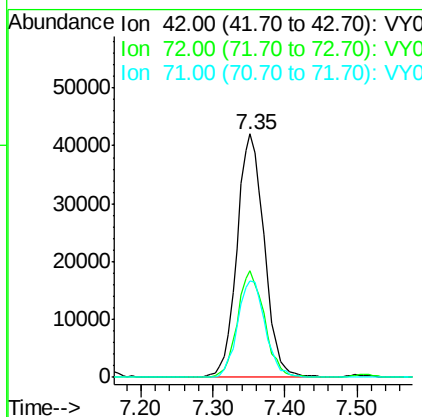
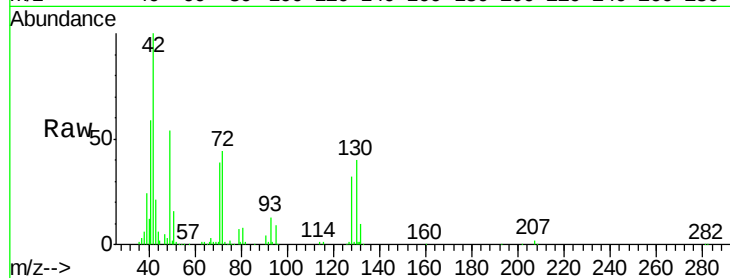
#29
Tetrahydrofuran
Concen: 100.248 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	33.5	50.3
71	40.1	32.1	48.1

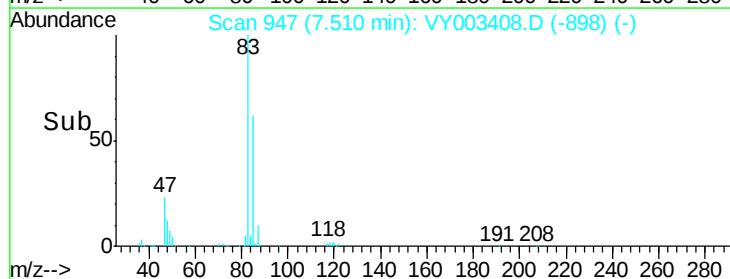
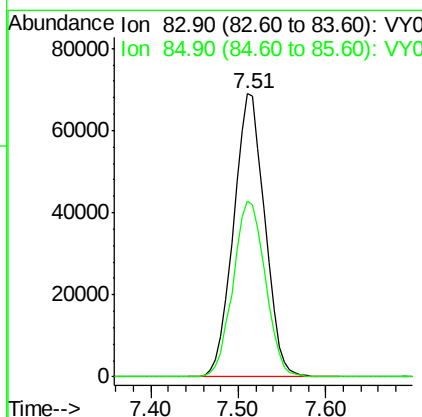
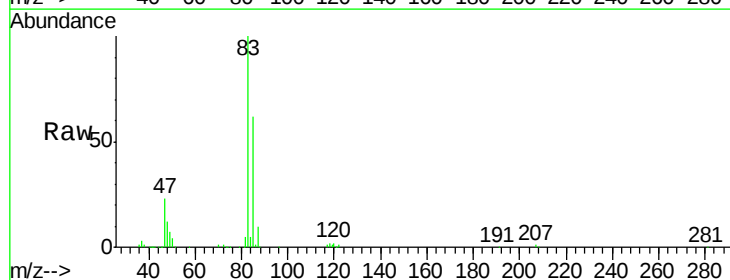
Manual Integrations
APPROVED

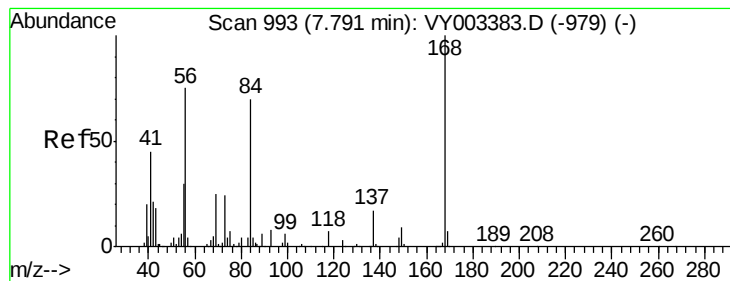
MMDadoda
8/4/2020 1:51:12 PM



#30
Chloroform
Concen: 21.005 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.5	78.7





#31

Cyclohexane

Concen: 20.814 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBSD01

Tot Ion: 56 Resp: 165842

Ion Ratio Lower Upper

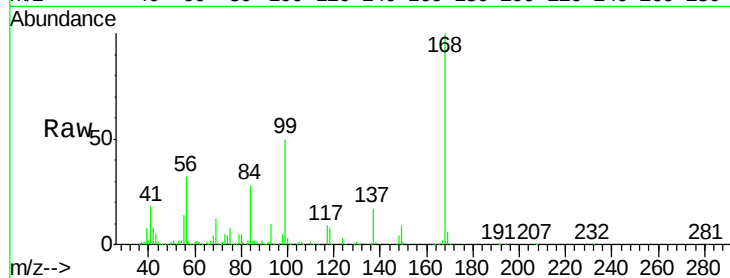
56 100

69 37.0 26.1 39.1

84 85.5 73.9 110.9

Manual Integrations
APPROVED

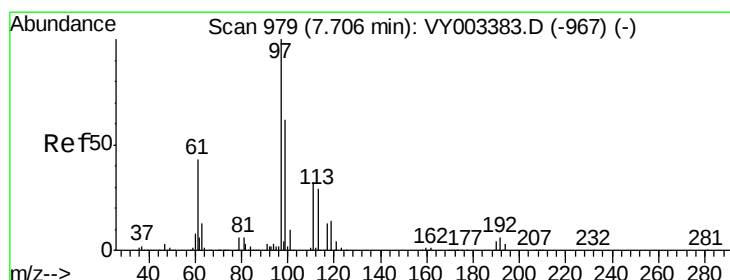
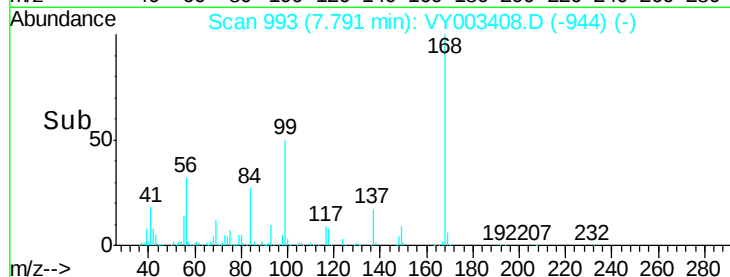
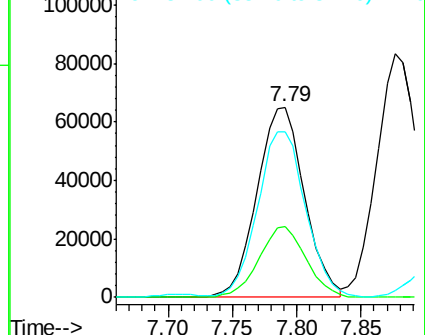
MMDadoda
8/4/2020 1:51:12 PM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.558 ug/l

RT: 7.70 min Scan# 978

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

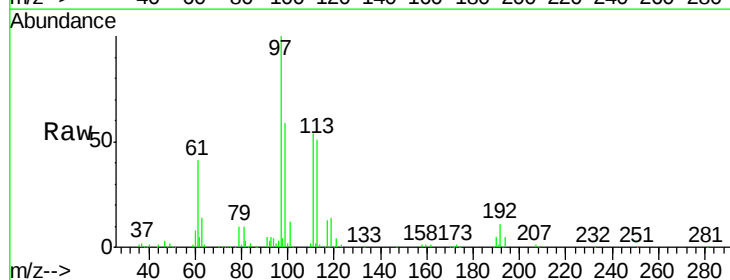
Tgt Ion: 97 Resp: 152778

Ion Ratio Lower Upper

97 100

99 66.5 50.9 76.3

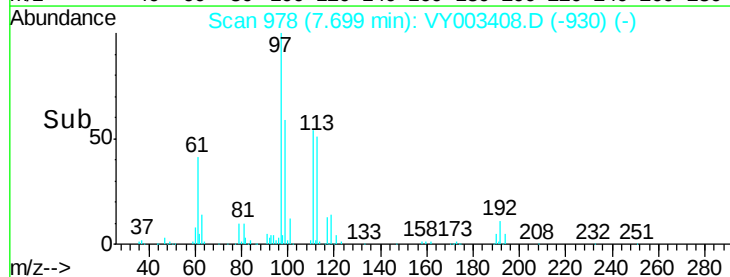
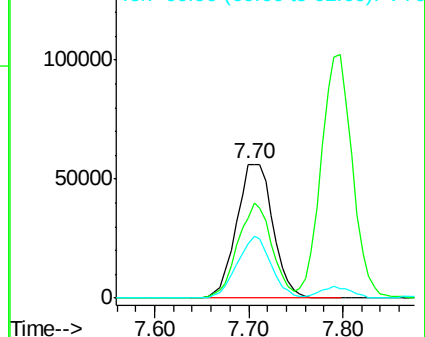
61 42.9 33.7 50.5

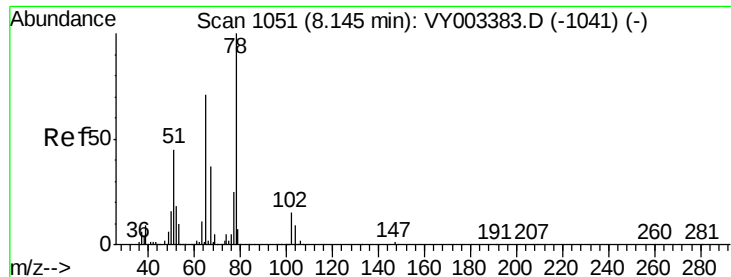


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





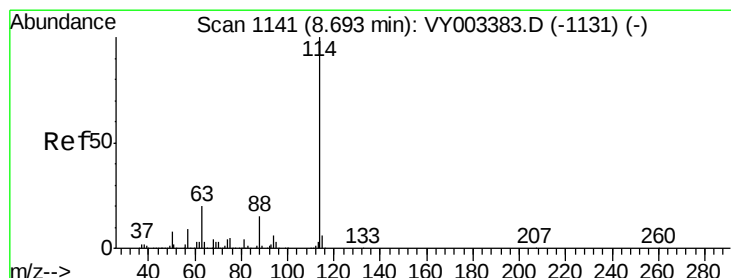
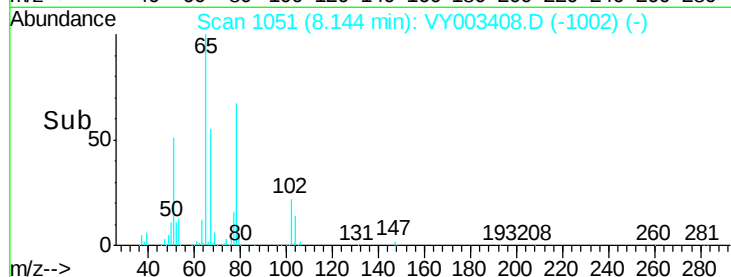
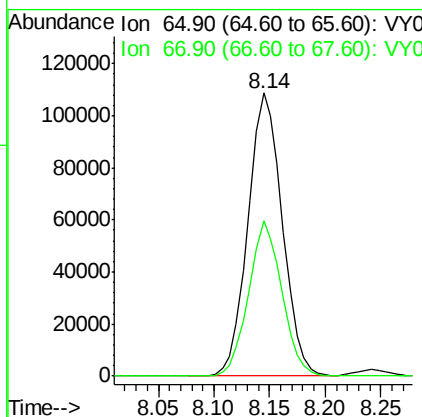
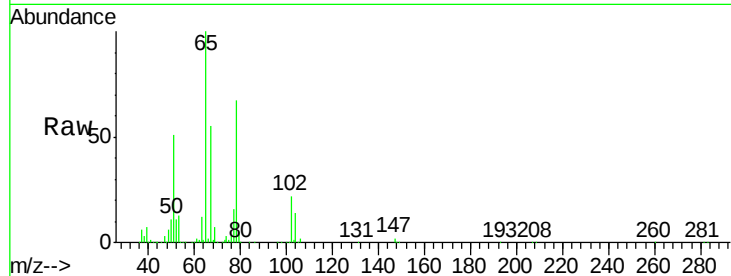
#33
 1,2-Dichloroethane-d4
 Concen: 51.989 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	106.6	

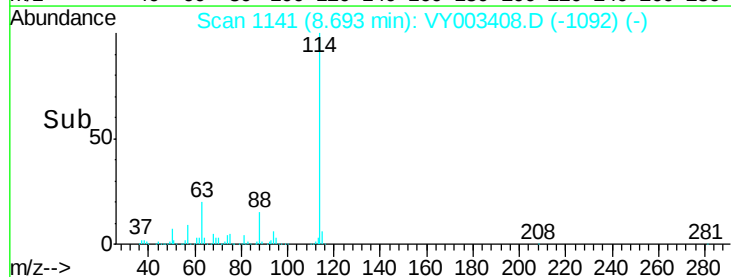
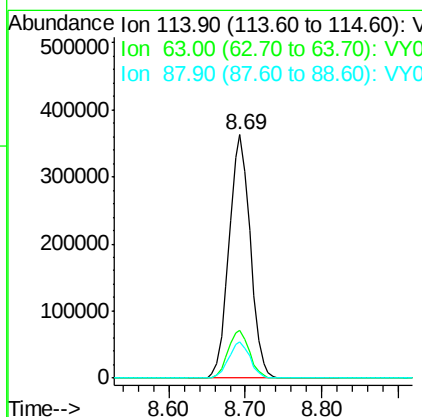
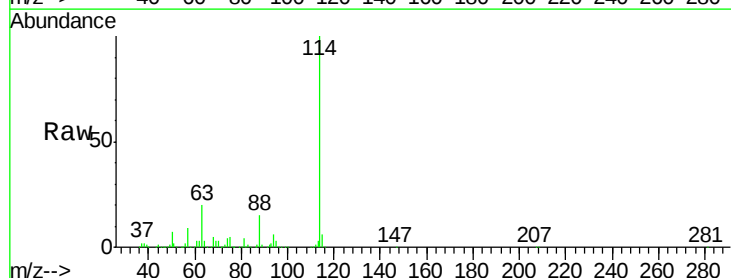
Manual Integrations
 APPROVED

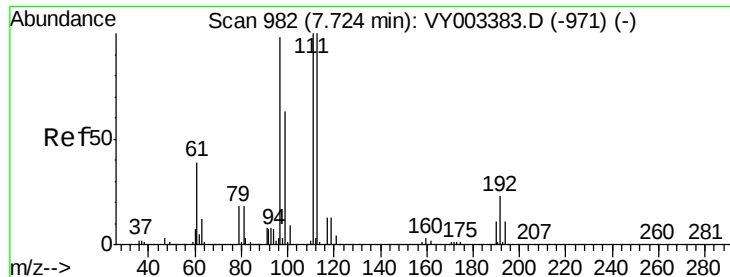
MMDadoda
 8/4/2020 1:51:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.6	0.0	40.6	
88	14.7	0.0	29.2	





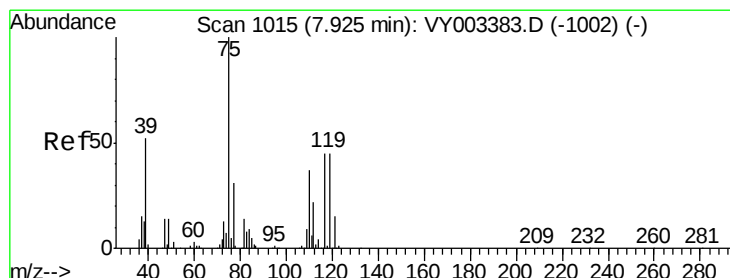
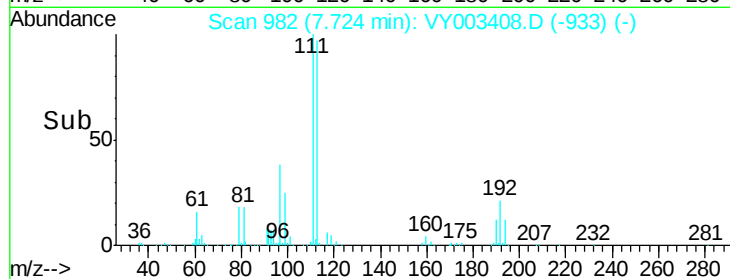
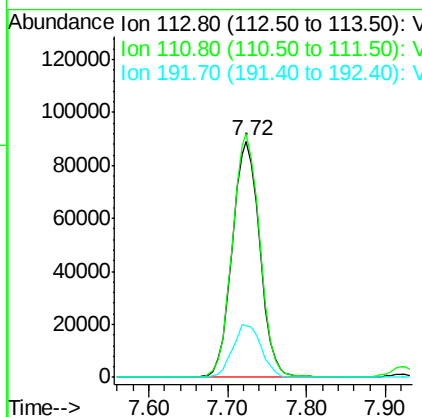
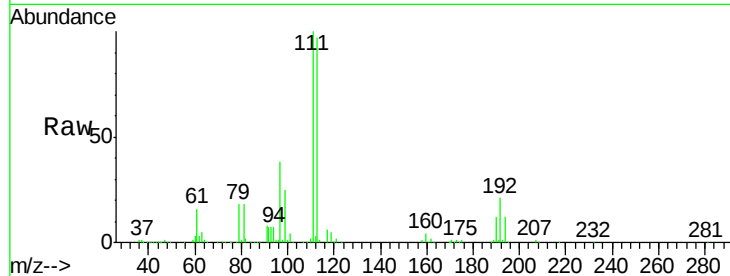
#35
 Dibromofluoromethane
 Concen: 52.726 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	216000		
111	102.9		83.0	124.4
192	23.0		18.8	28.2

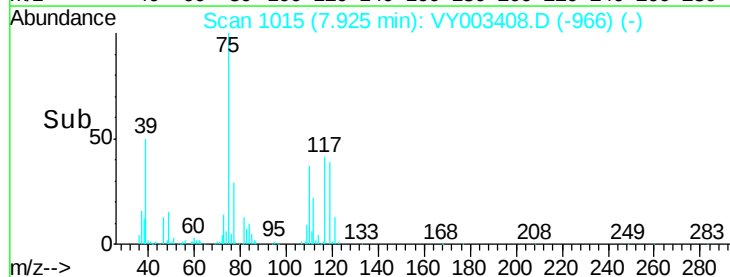
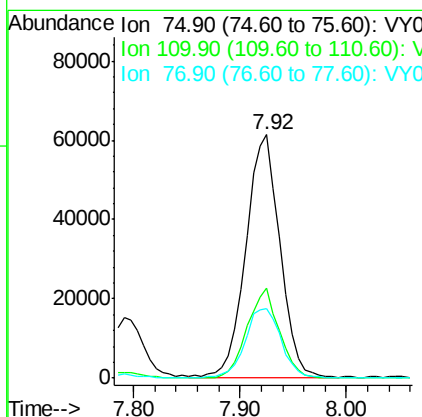
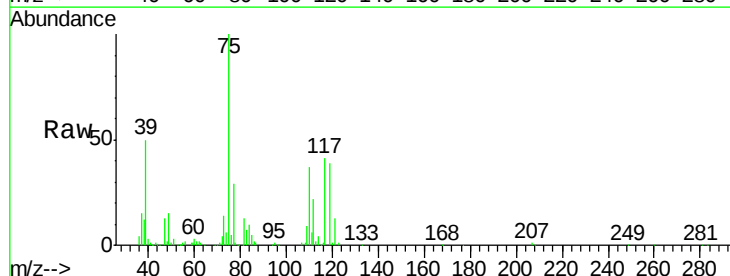
Manual Integrations
 APPROVED

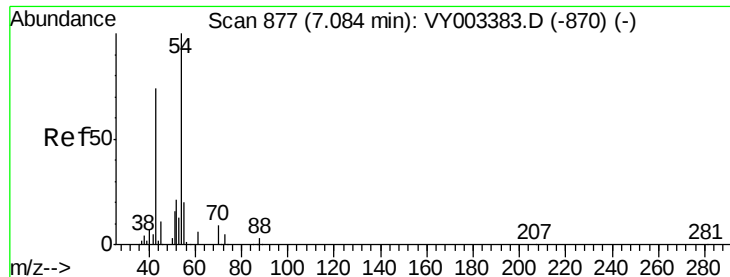
MMDadoda
 8/4/2020 1:51:12 PM



#36
 1,1-Dichloropropene
 Concen: 20.940 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	137807		
110	34.9		17.8	53.5
77	30.4		24.6	36.8





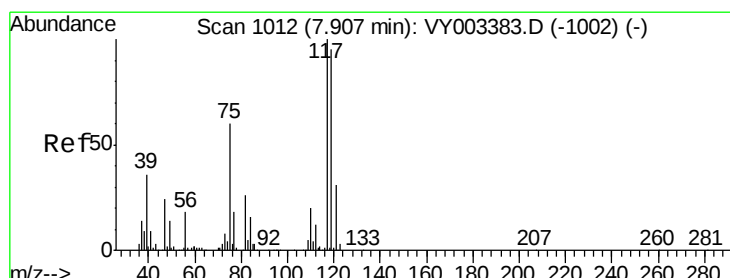
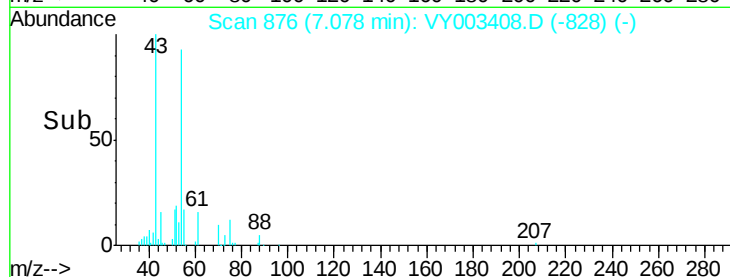
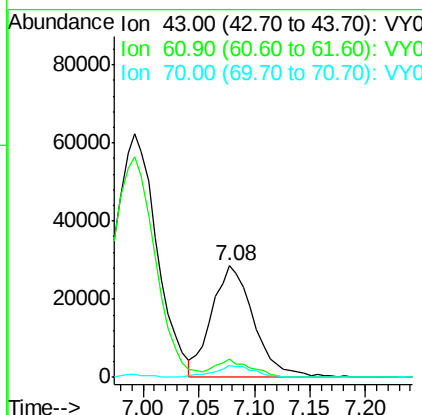
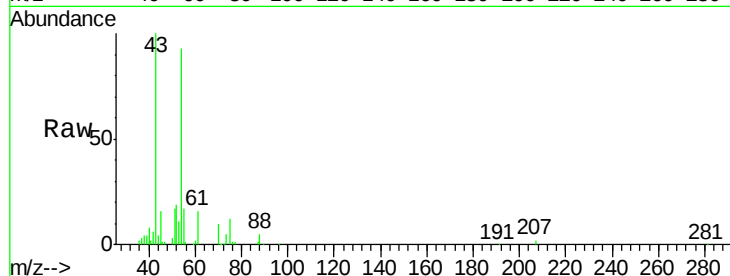
#37
Ethyl Acetate
Concen: 19.826 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.2	16.8
70	10.5	7.7	11.5

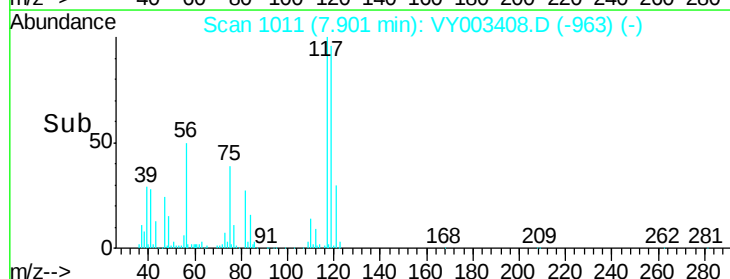
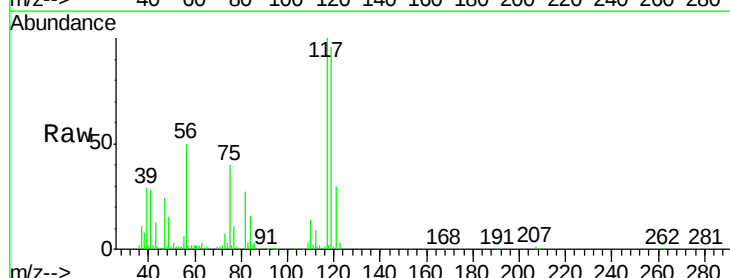
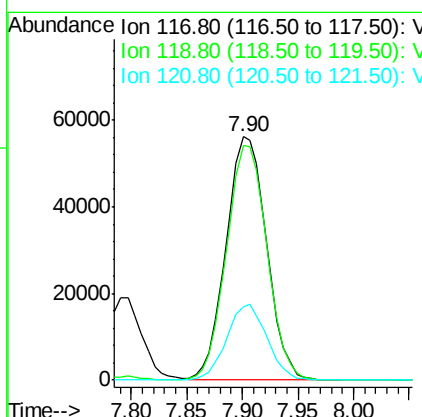
Manual Integrations
APPROVED

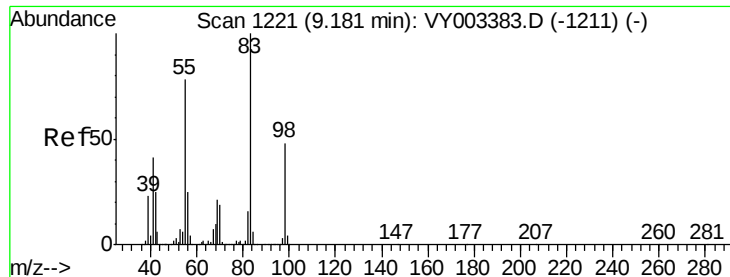
MMDadoda
8/4/2020 1:51:12 PM



#38
Carbon Tetrachloride
Concen: 20.974 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.1	114.1
121	30.0	24.5	36.7





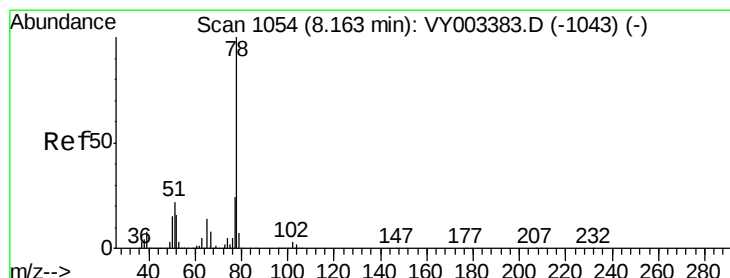
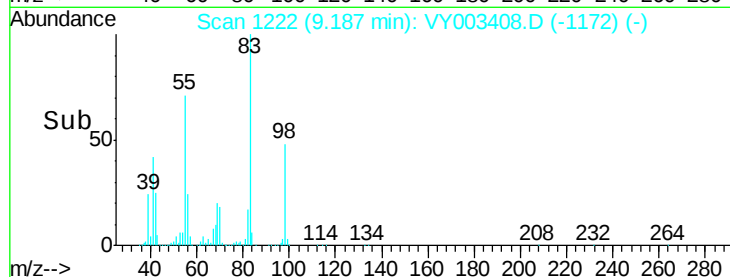
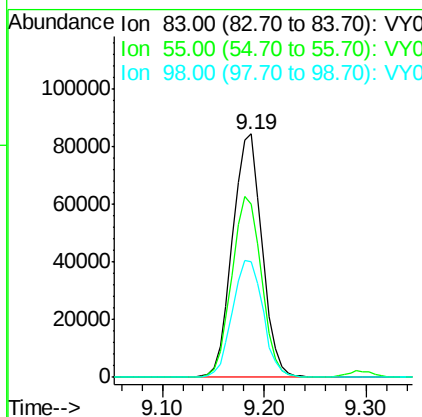
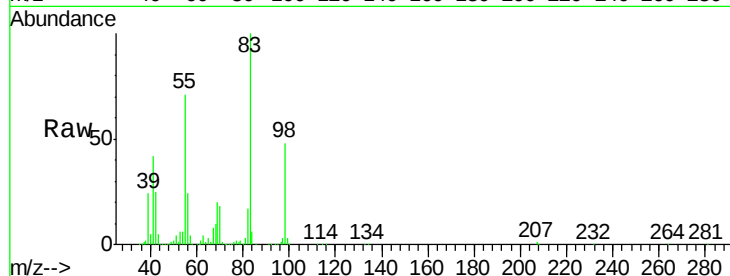
#39
Methvlcvclohexane
Concen: 21.033 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.0	62.2	93.4
98	47.7	38.7	58.1

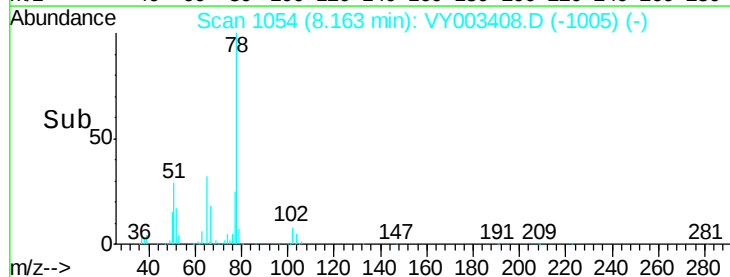
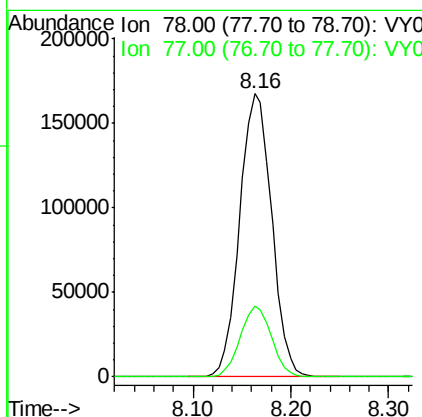
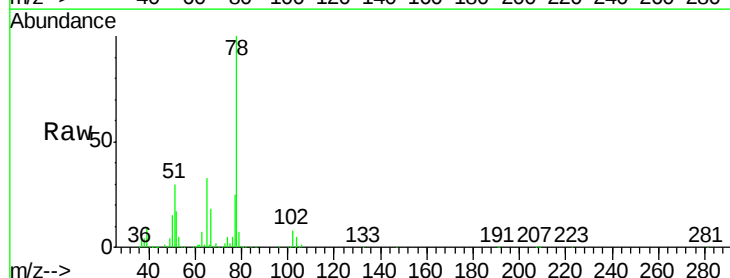
Manual Integrations
APPROVED

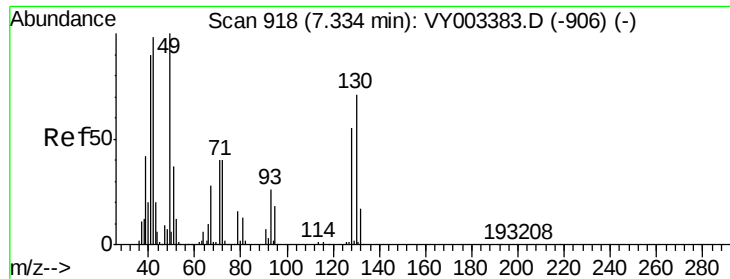
MMDadoda
8/4/2020 1:51:12 PM



#40
Benzene
Concen: 20.844 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.5	29.3





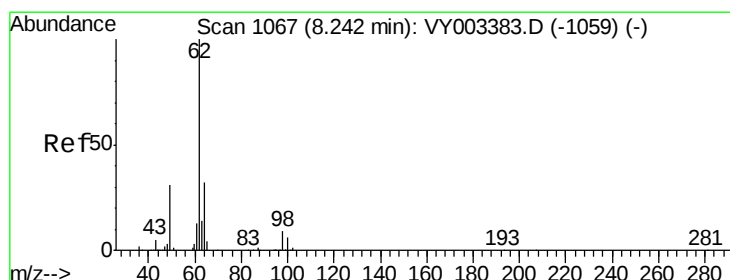
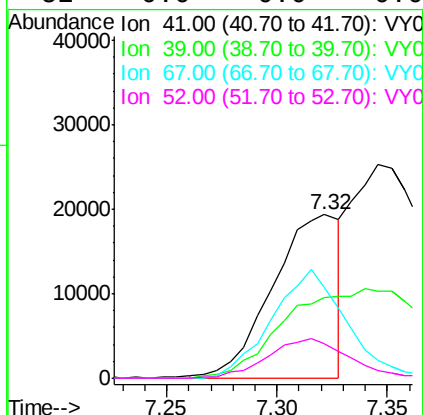
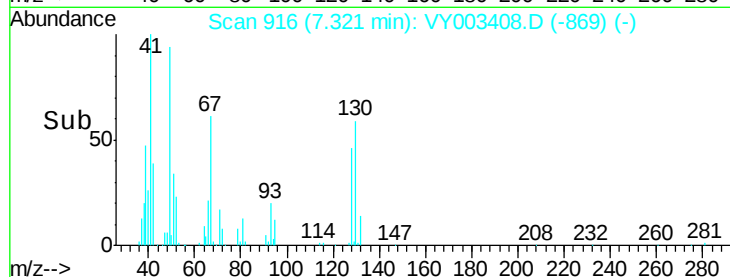
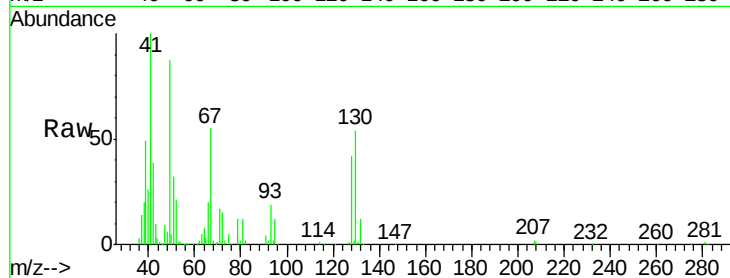
#41
Methacrylonitrile
Concen: 19.252 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

Tot Ion	41	Resp	41301
Ion	Ratio	Lower	Upper
41	100		
39	111.2	78.3	117.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

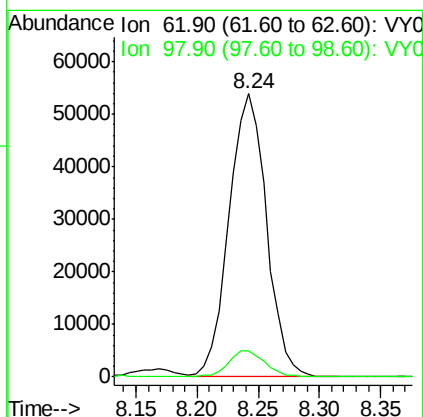
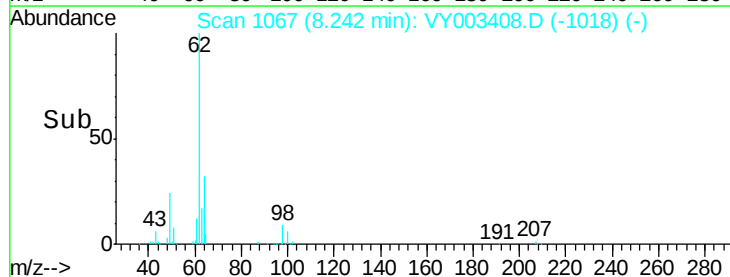
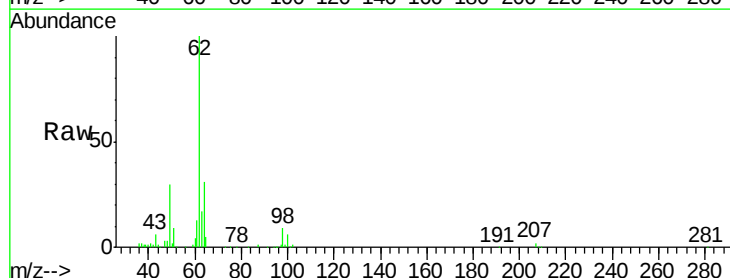
Manual Integrations
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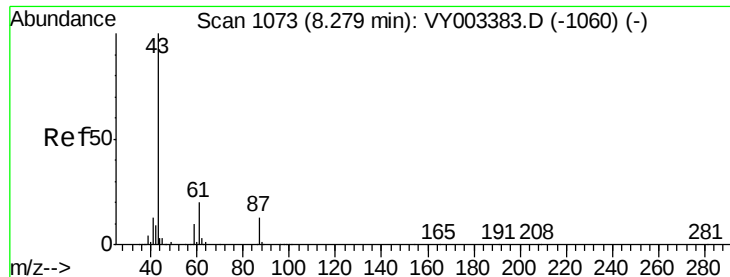
MMDadoda
8/4/2020 1:51:12 PM



#42
1,2-Dichloroethane
Concen: 20.617 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	62	Resp	114659
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.805 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

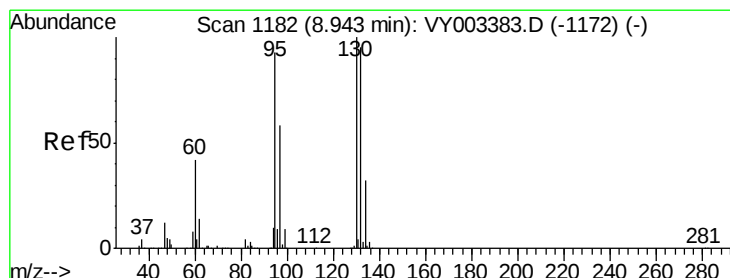
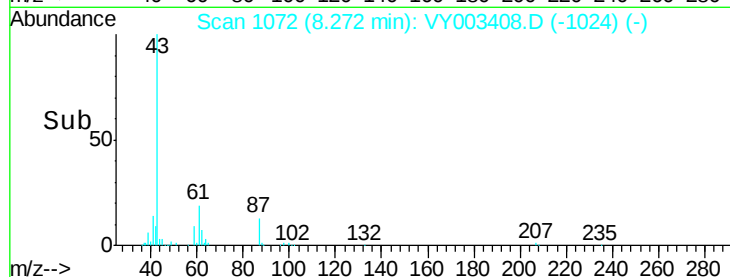
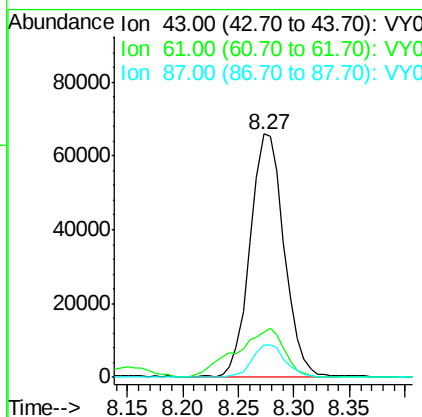
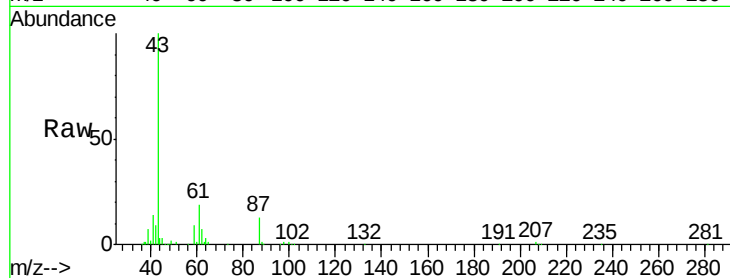
ClientSampleId :

VY0803SBS01

Tot Ion:	43	Resp:	139884
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.0	34.4
87	13.1	10.5	15.7

Manual Integrations
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MMDadoda
8/4/2020 1:51:12 PM



#44

Trichloroethene

Concen: 21.047 ug/l

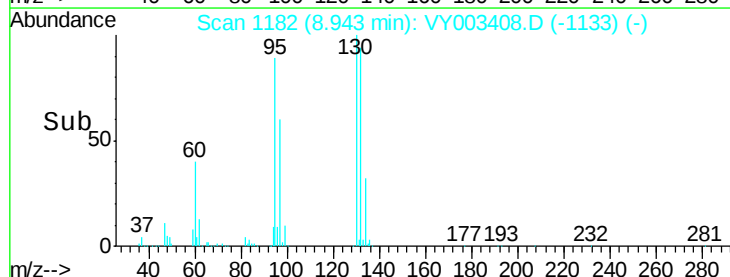
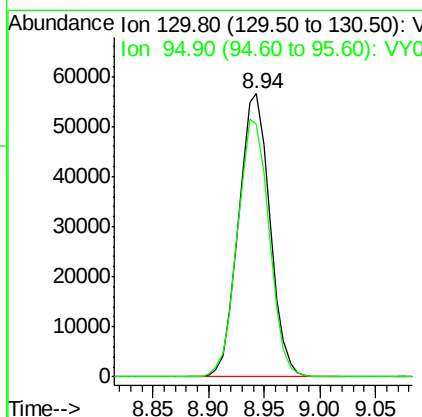
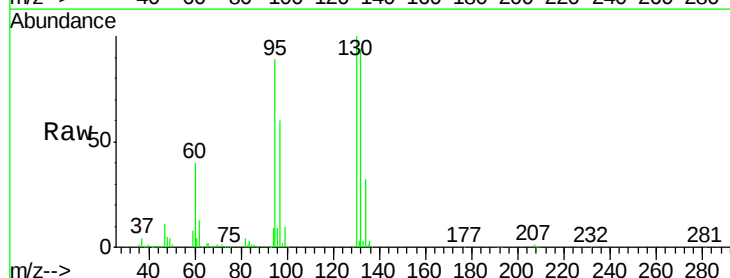
RT: 8.94 min Scan# 1182

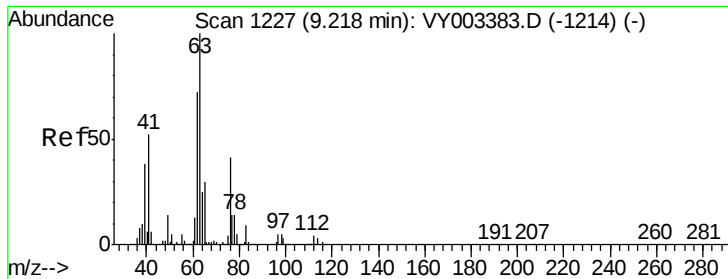
Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion:	130	Resp:	110529
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	186.8





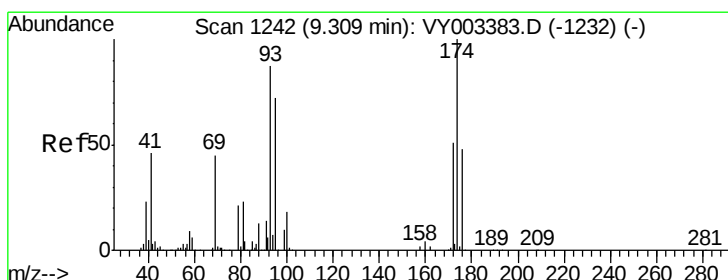
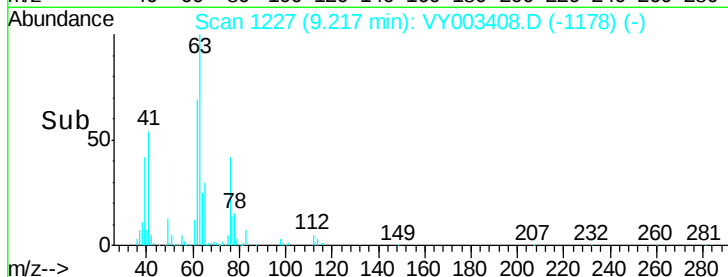
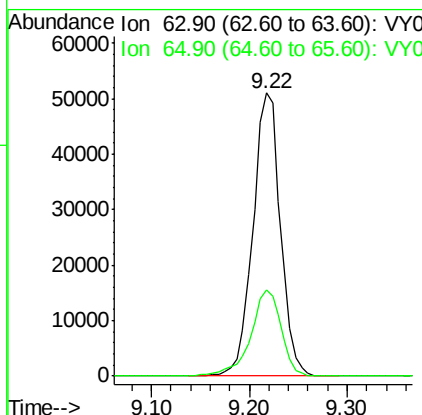
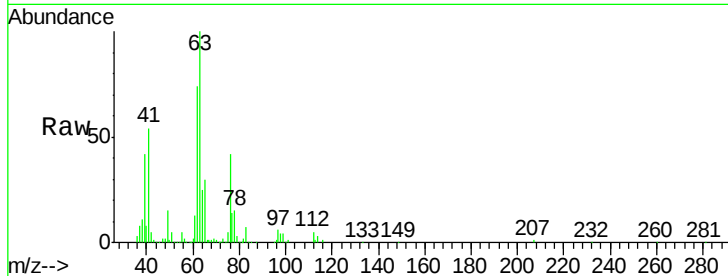
#45
 1,2-Dichloropropane
 Concen: 20.917 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.8	35.8

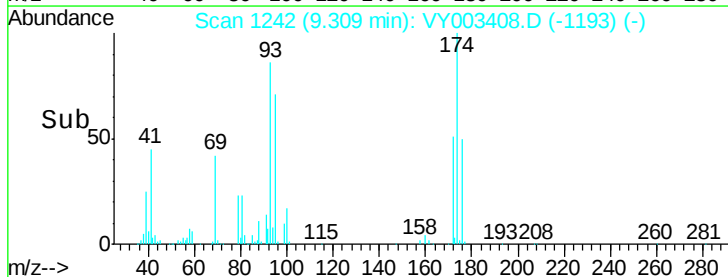
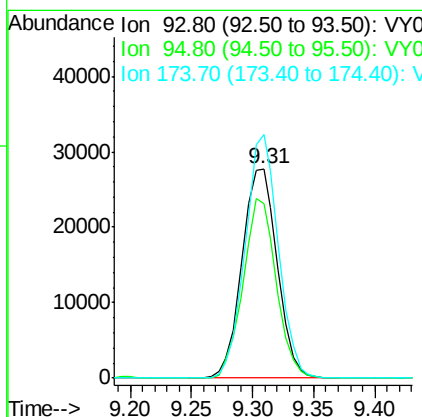
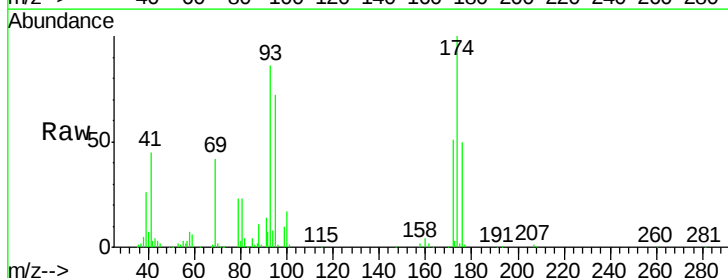
Manual Integrations
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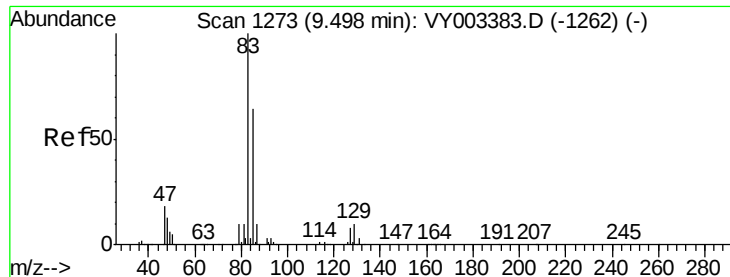
MMDadoda
 8/4/2020 1:51:12 PM



#46
 Dibromomethane
 Concen: 20.658 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.0	65.4	98.0
174	110.2	88.6	133.0





#47

Bromodichloromethane

Concen: 20.855 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

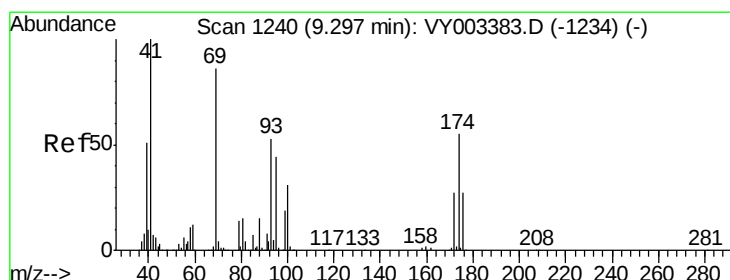
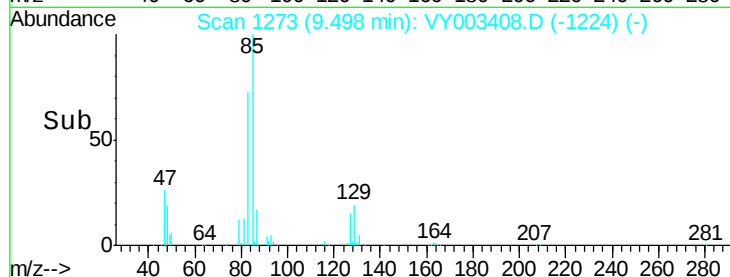
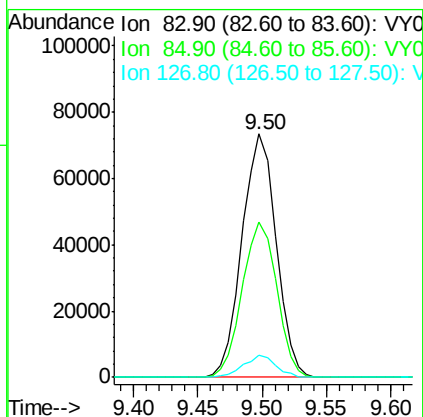
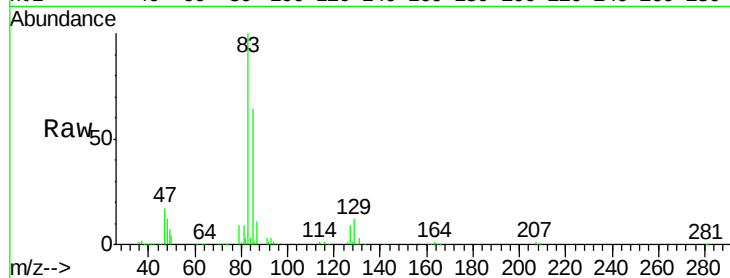
ClientSampleId :

VY0803SBS01

Tot Ion:	83	Resp:	134829
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.6	77.4
127	9.4	6.5	9.7

Manual Integrations
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8/4/2020 1:51:12 PM



#48

Methyl methacrylate

Concen: 19.823 ug/l

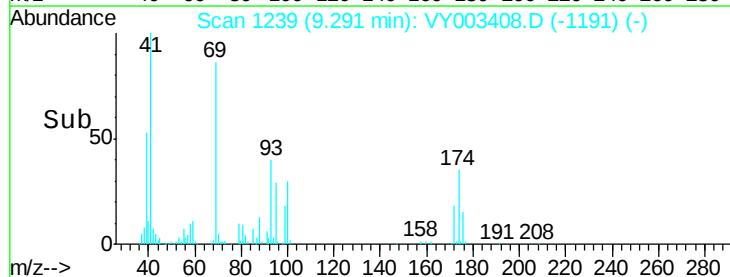
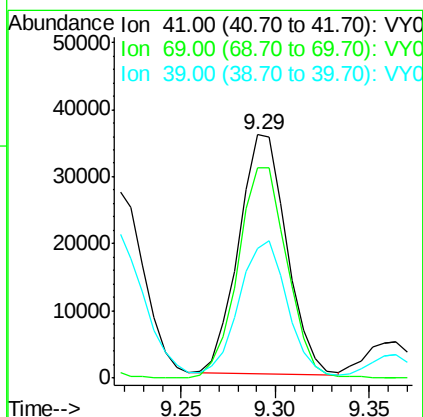
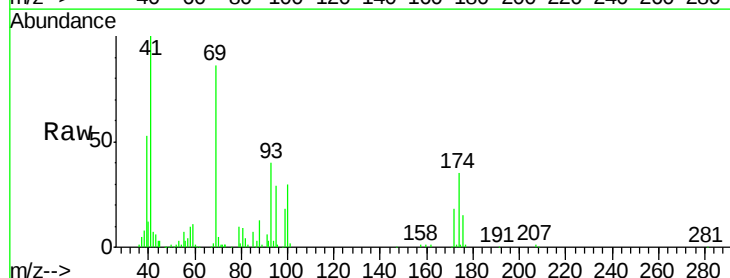
RT: 9.29 min Scan# 1239

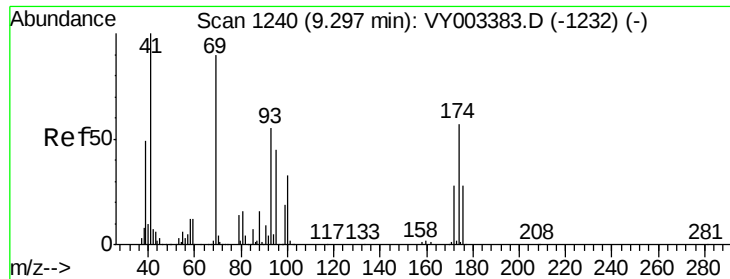
Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion:	41	Resp:	63198
Ion Ratio	Lower	Upper	
41	100		
69	89.8	68.9	103.3
39	55.7	43.1	64.7





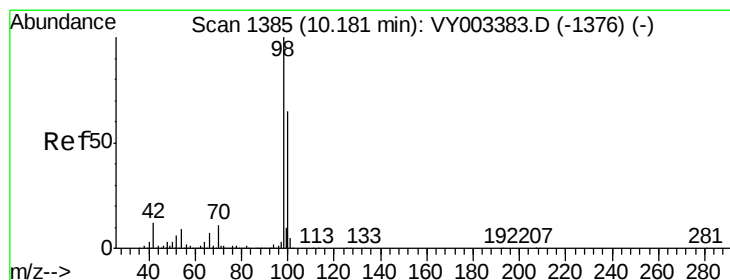
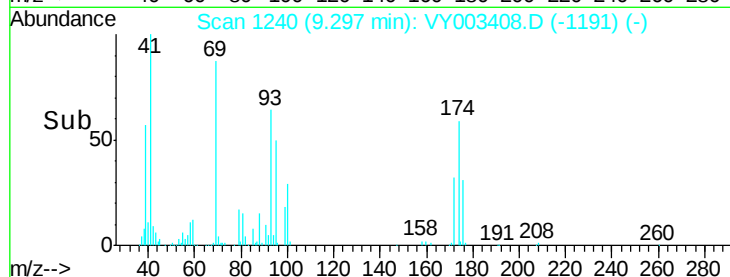
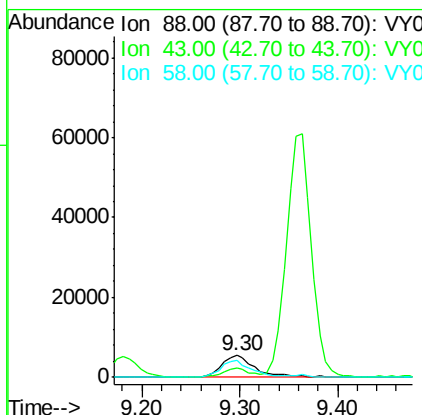
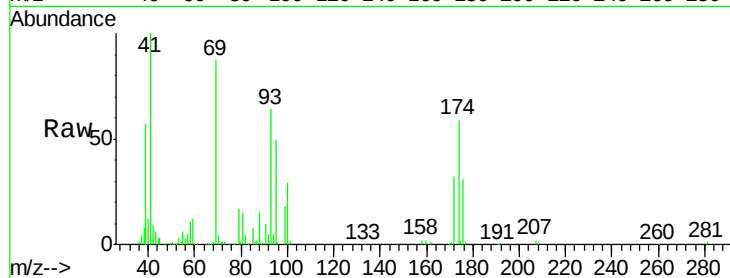
#49
1,4-Dioxane
Concen: 382.934 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	88	Resp	13297
Ion Ratio	Lower	Upper	
88	100		
43	32.3	24.9	37.3
58	69.2	54.3	81.5

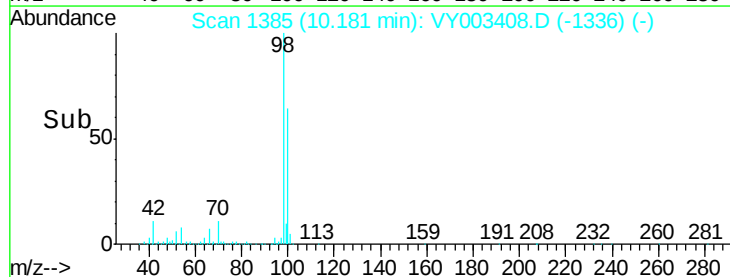
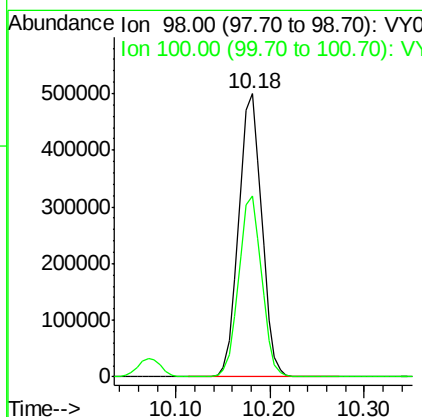
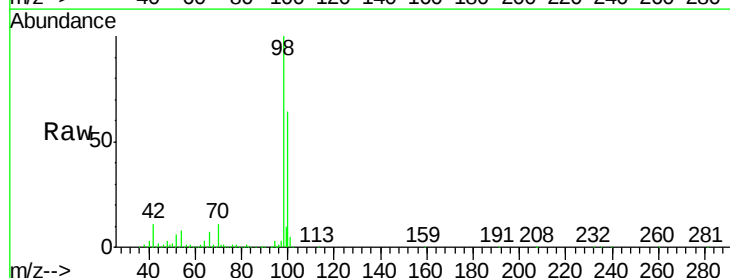
Manual Integrations
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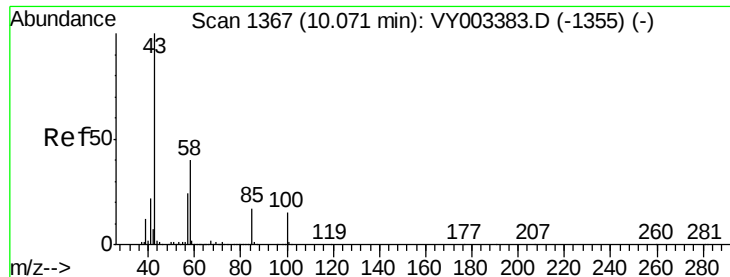
MMDadoda
8/4/2020 1:51:12 PM



#50
Toluene-d8
Concen: 53.209 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	98	Resp	853569
Ion Ratio	Lower	Upper	
98	100		
100	63.5	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 99.740 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

Tot Ion: 43 Resp: 369179

Ion Ratio Lower Upper

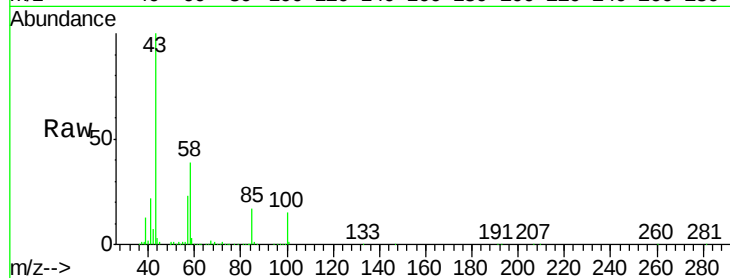
43 100

58 39.0 31.6 47.4

Manual Integrations
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MMDadoda

8/4/2020 1:51:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

250000

200000

150000

100000

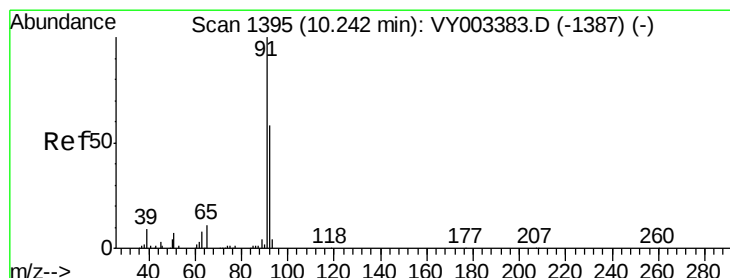
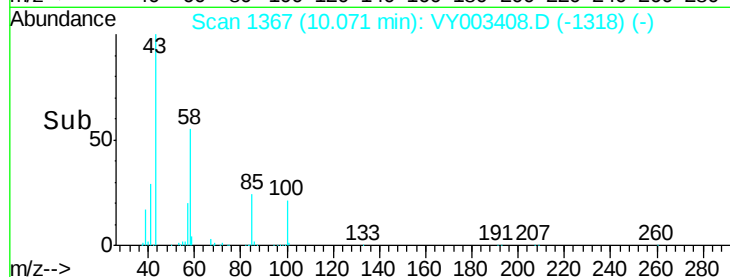
50000

0

10.00

10.10

Time-->



#52

Toluene

Concen: 20.660 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003408.D

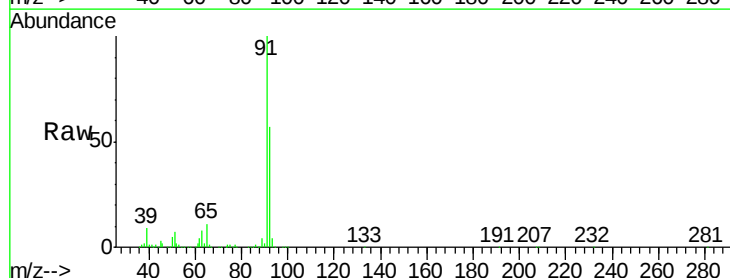
Acq: 03 Aug 2020 11:39

Tgt Ion: 92 Resp: 236599

Ion Ratio Lower Upper

92 100

91 178.4 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

100000

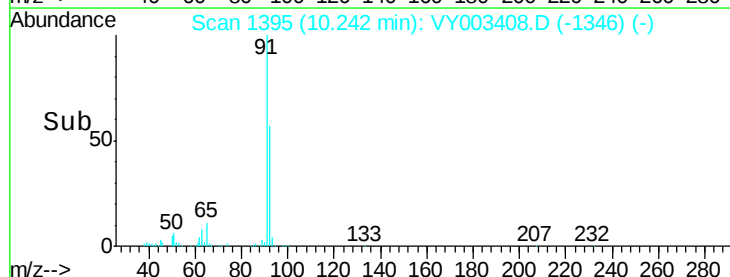
50000

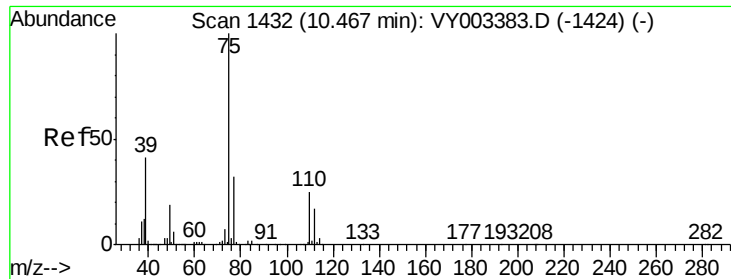
0

10.20

10.30

Time-->





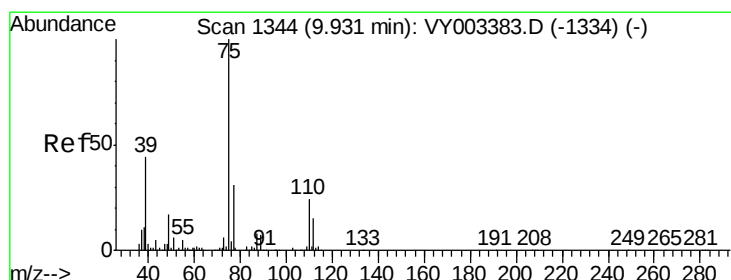
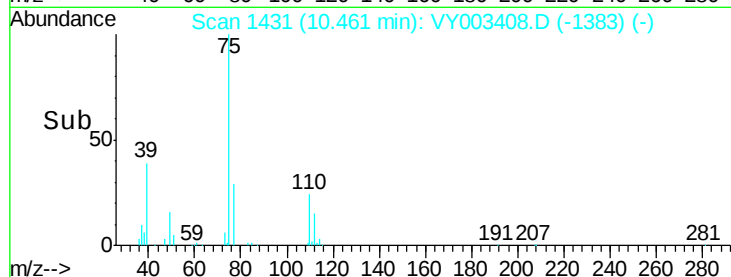
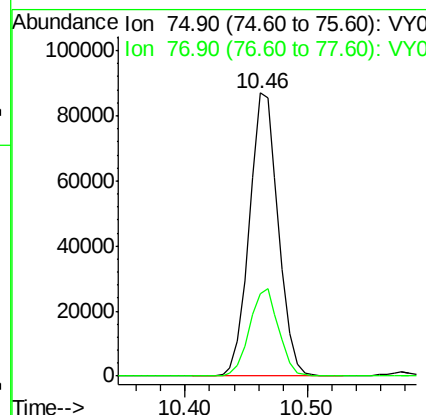
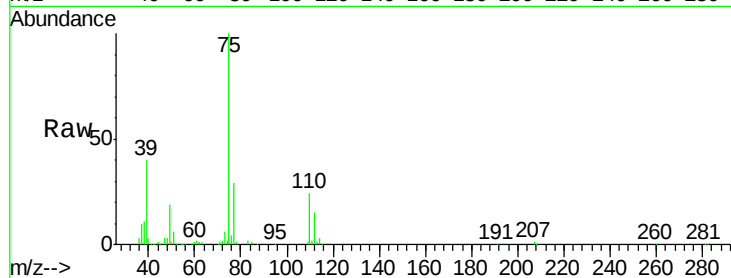
#53
 t-1,3-Dichloropropene
 Concen: 20.760 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.9	25.4	38.2

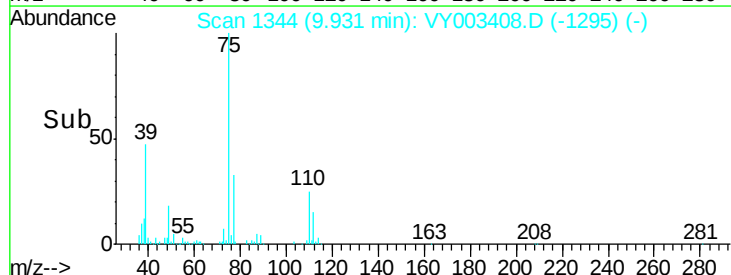
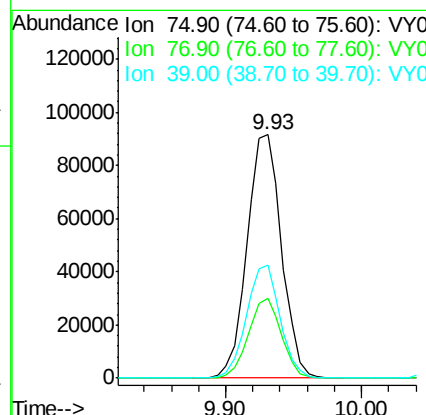
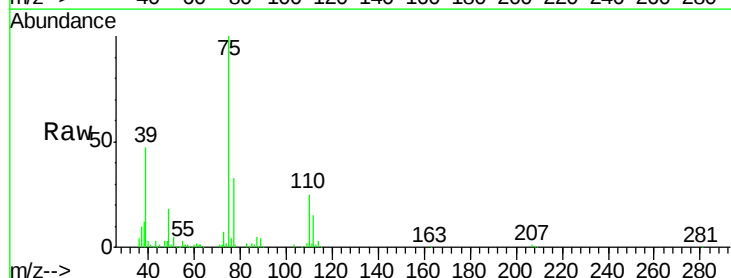
Manual Integrations
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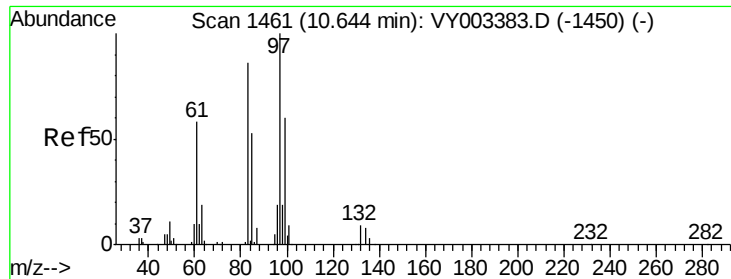
MMDadoda
 8/4/2020 1:51:12 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.869 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.8	37.2
39	46.4	34.8	52.2





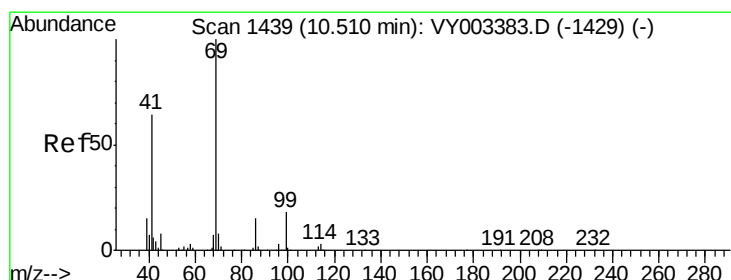
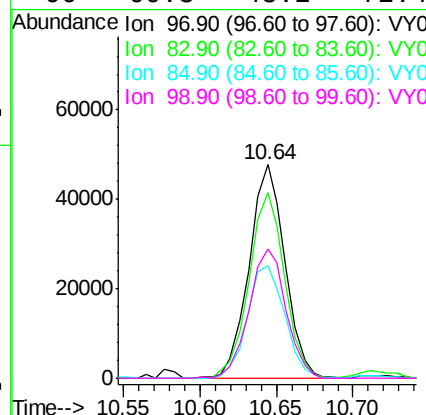
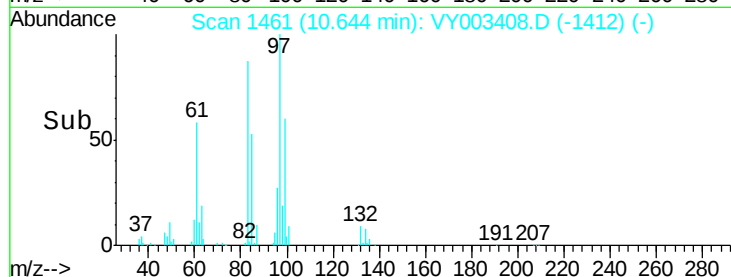
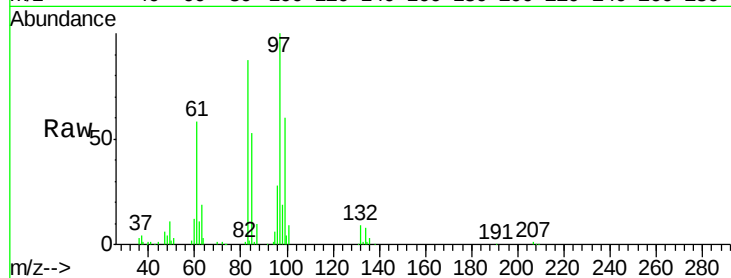
#55
 1,1,2-Trichloroethane
 Concen: 20.582 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

Tot Ion:	97	Resp:	77453
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.1	103.7
85	52.5	42.5	63.7
99	60.3	48.2	72.4

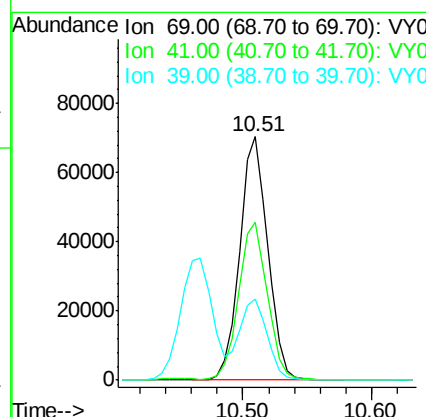
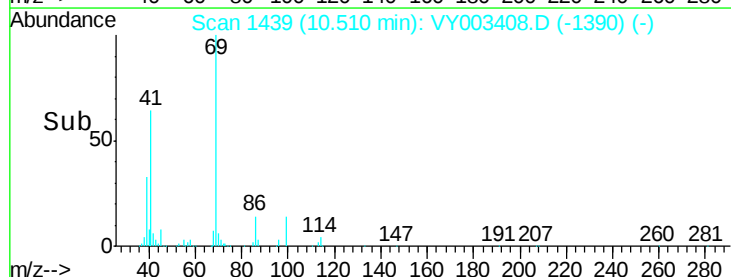
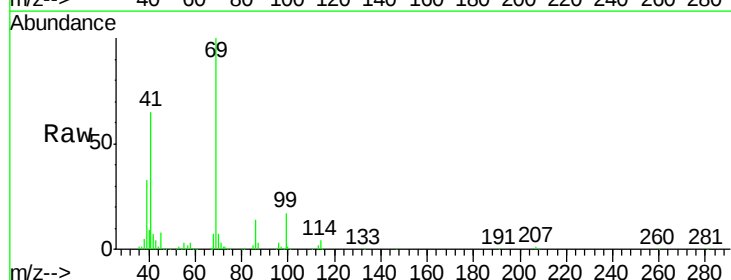
Manual Integrations
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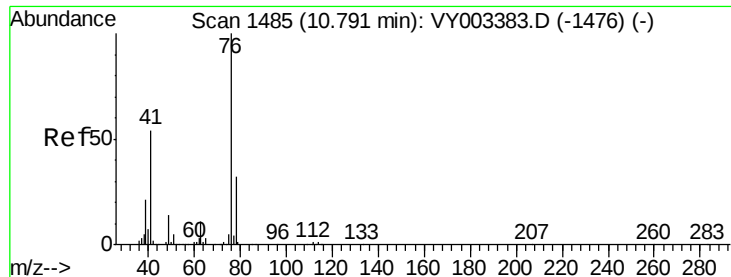
MMDadoda
 8/4/2020 1:51:12 PM



#56
 Ethyl methacrylate
 Concen: 20.338 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion:	69	Resp:	105956
Ion	Ratio	Lower	Upper
69	100		
41	66.2	52.2	78.4
39	33.3	24.7	37.1





#57

1,3-Dichloropropane

Concen: 20.280 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

Tot Ion: 76 Resp: 132635

Ion Ratio Lower Upper

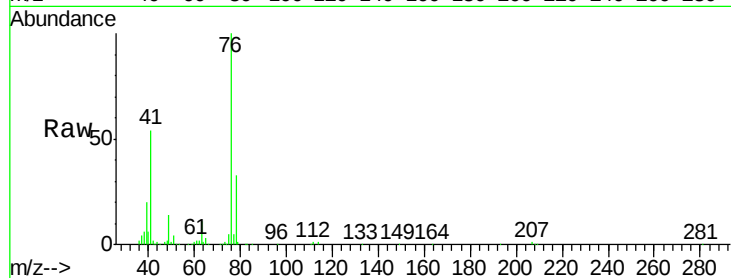
76 100

78 33.5 26.1 39.1

Manual Integrations
APPROVED

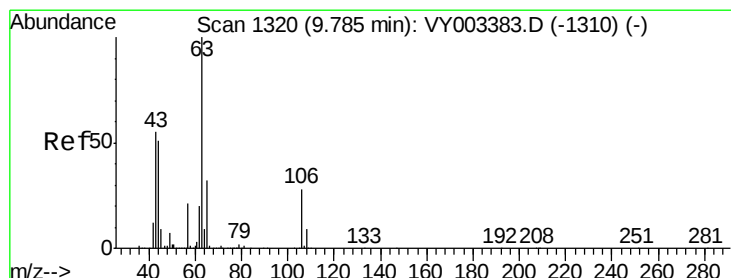
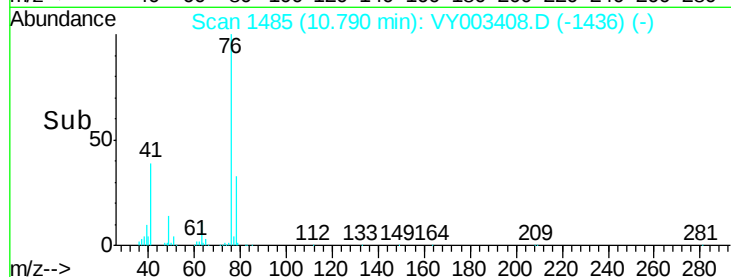
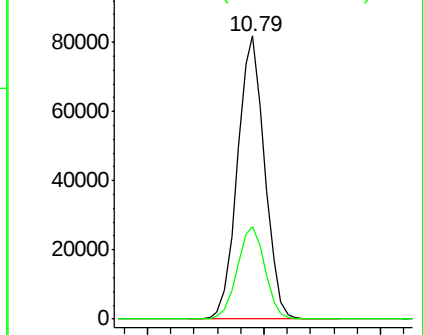
MMDadoda

8/4/2020 1:51:12 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 107.668 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003408.D

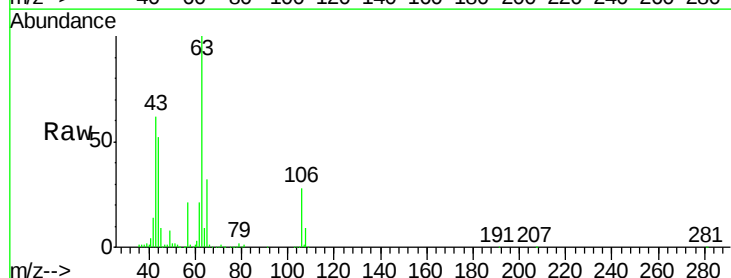
Acq: 03 Aug 2020 11:39

Tgt Ion: 63 Resp: 259814

Ion Ratio Lower Upper

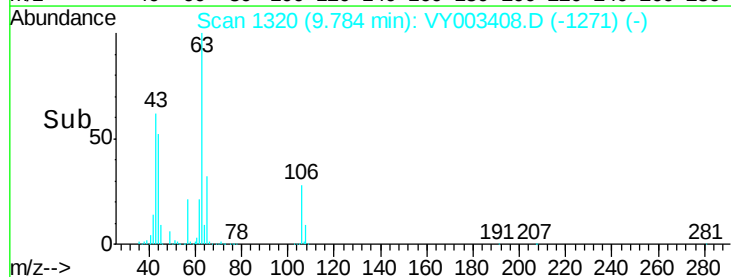
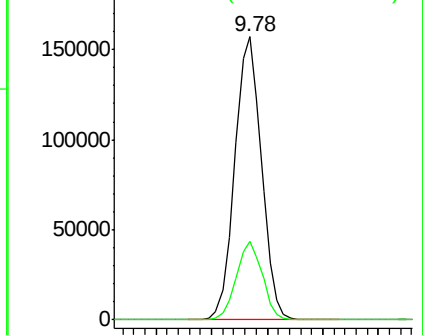
63 100

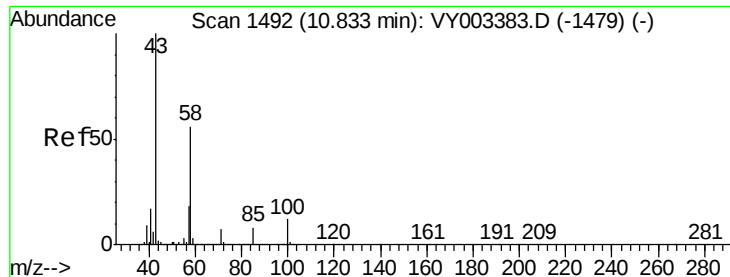
106 27.1 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





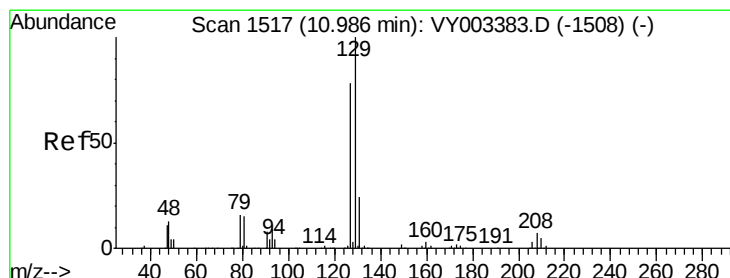
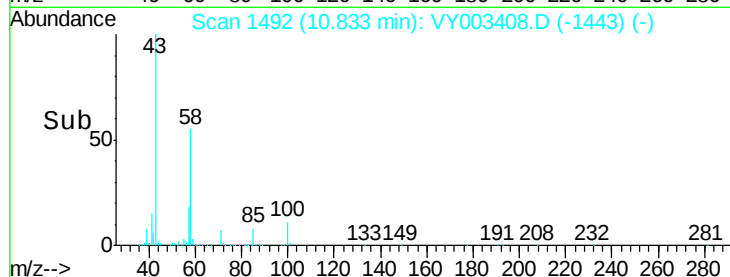
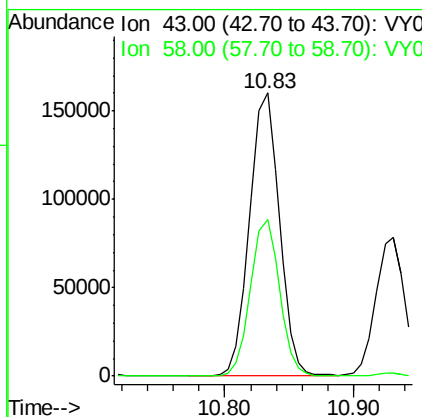
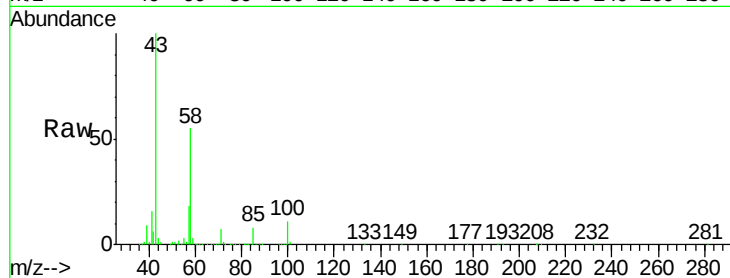
#59
2-Hexanone
Concen: 99.446 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.0	27.6	82.8

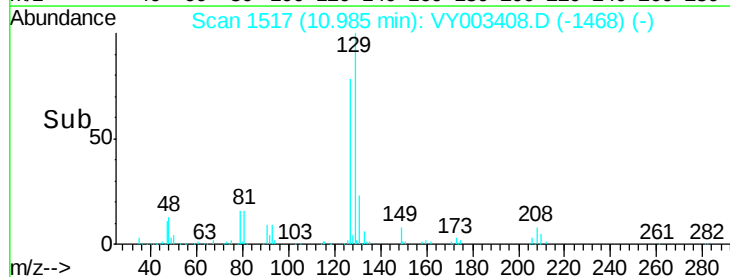
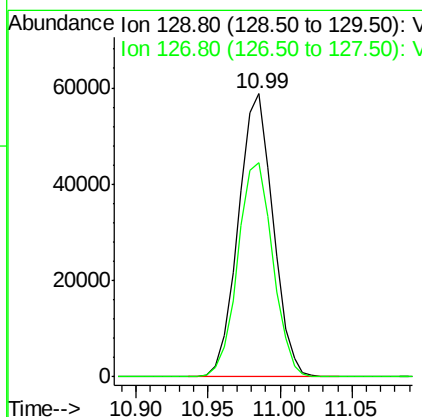
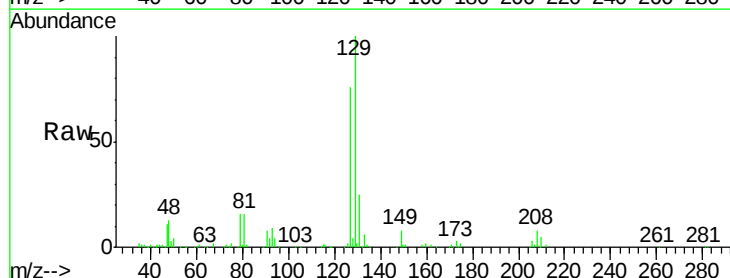
Manual Integrations
APPROVED

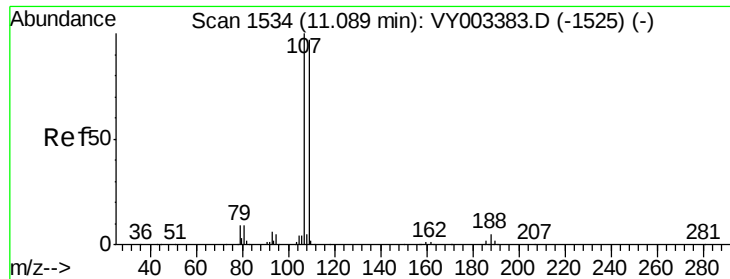
MMDadoda
8/4/2020 1:51:12 PM



#60
Dibromochloromethane
Concen: 20.785 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.7	116.1





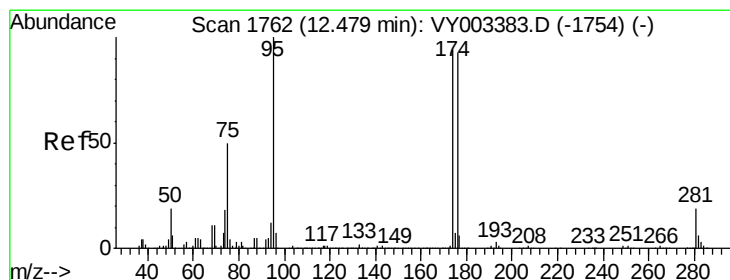
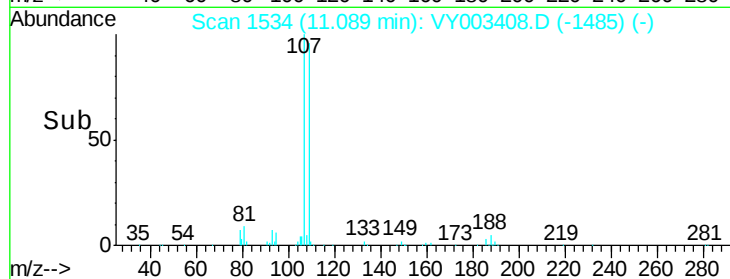
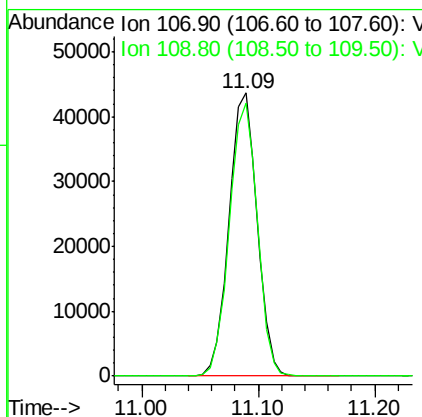
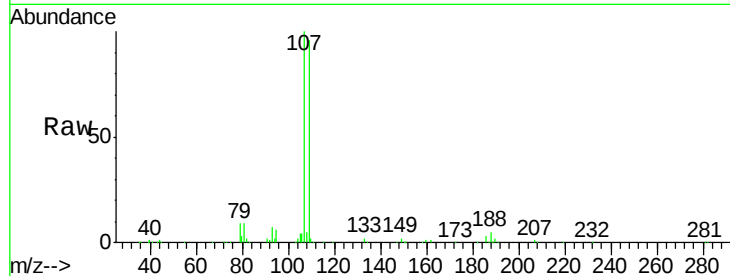
#61
 1,2-Dibromoethane
 Concen: 20.155 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	75.5	113.3

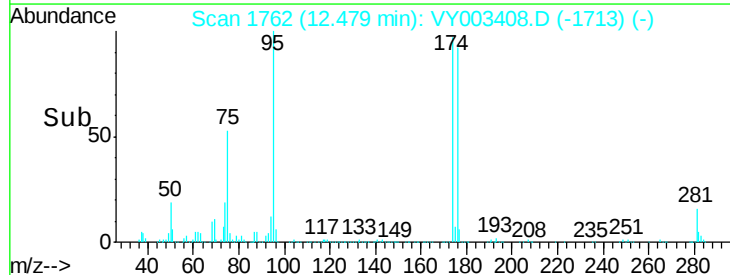
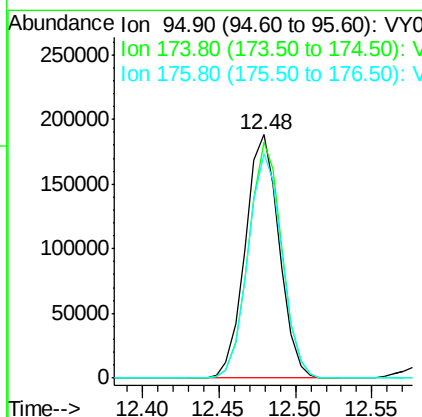
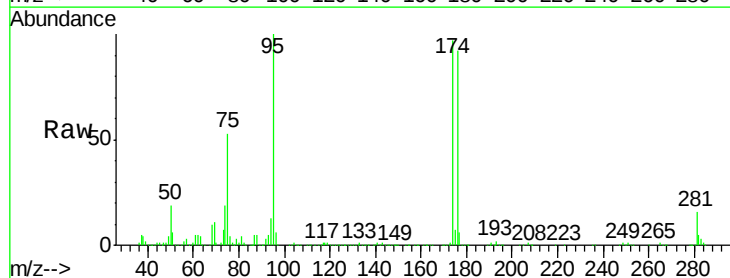
Manual Integrations
 APPROVED

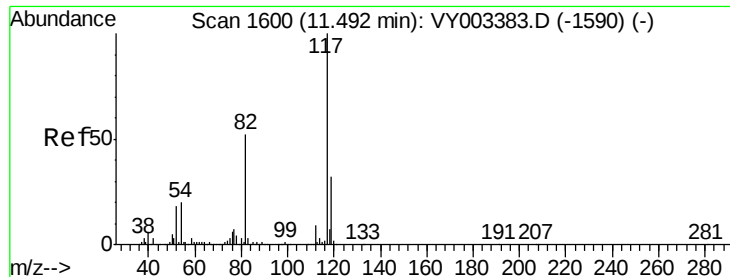
MMDadoda
 8/4/2020 1:51:12 PM



#62
 4-Bromofluorobenzene
 Concen: 52.926 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	190.0
176	92.1	0.0	184.4





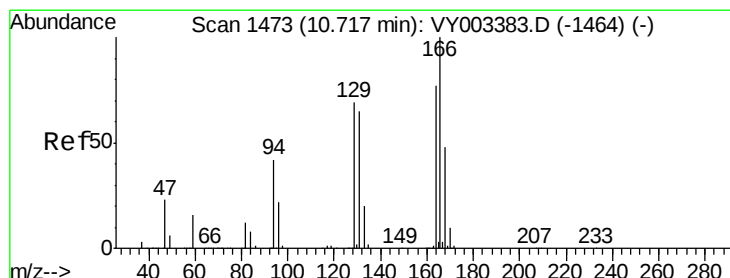
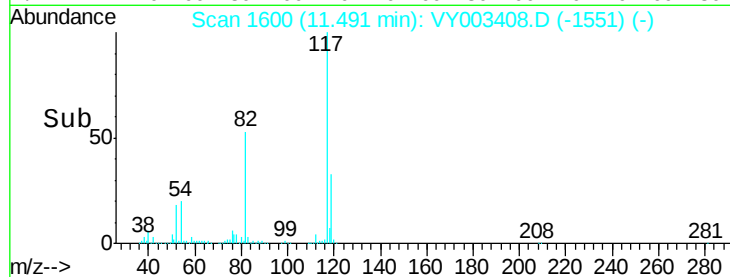
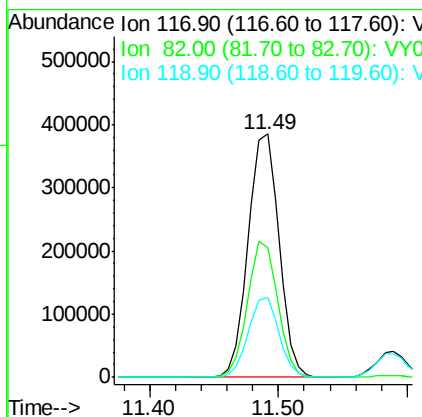
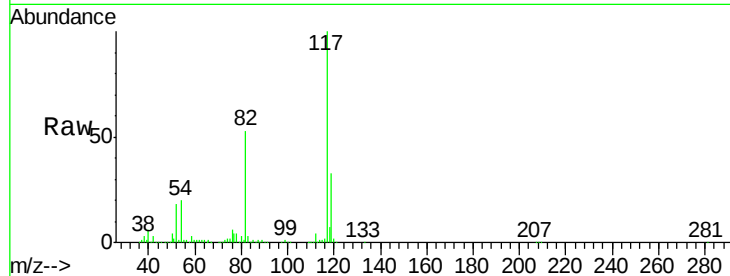
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	637491		
82	53.3		41.9	62.9
119	32.6		25.4	38.0

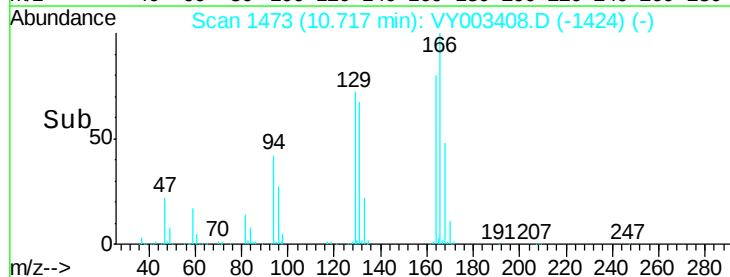
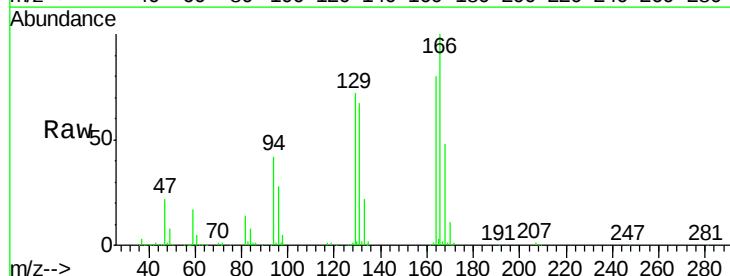
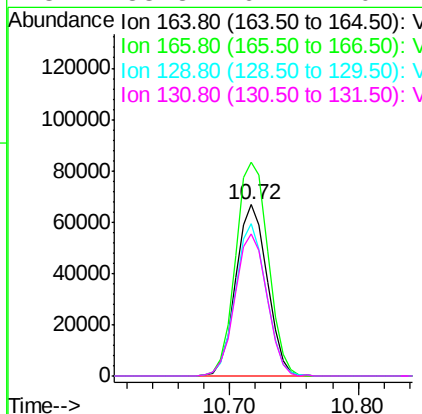
Manual Integrations
APPROVED

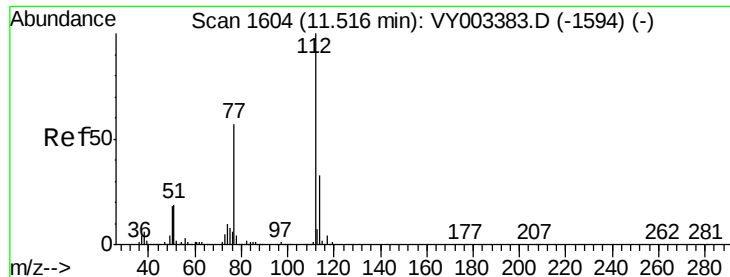
MMDadoda
8/4/2020 1:51:12 PM



#64
Tetrachloroethene
Concen: 21.177 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	112860		
166	124.9		103.3	154.9
129	89.5		71.2	106.8
131	83.3		67.4	101.2





#65

Chlorobenzene

Concen: 21.018 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

Tot Ion:112 Resp: 262930

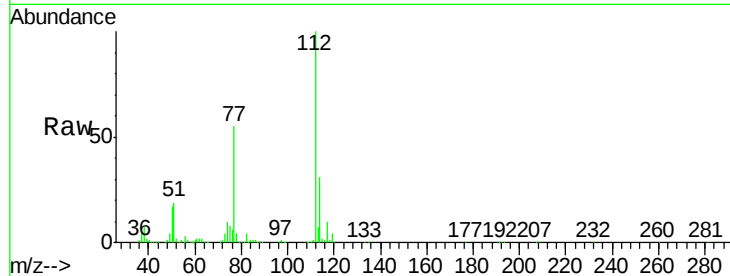
Ion Ratio Lower Upper

112 100

114 31.1 26.1 39.1

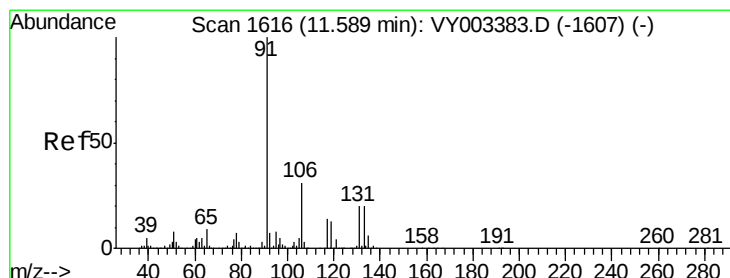
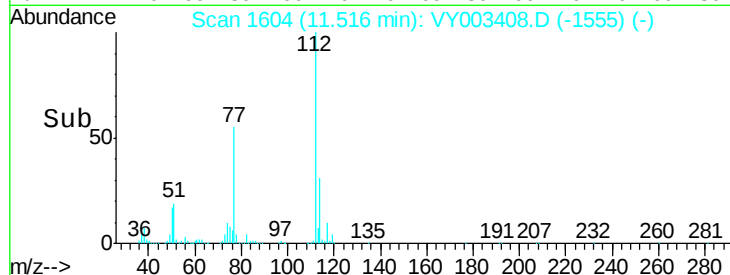
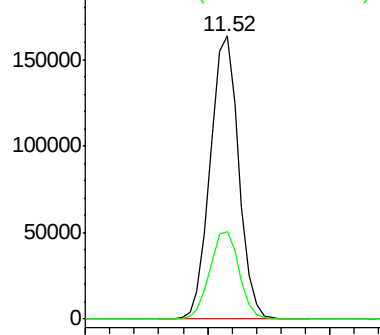
Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:51:12 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.740 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

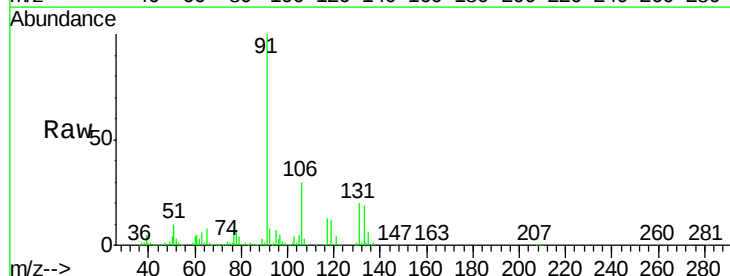
Tgt Ion:131 Resp: 100917

Ion Ratio Lower Upper

131 100

133 95.5 48.1 144.3

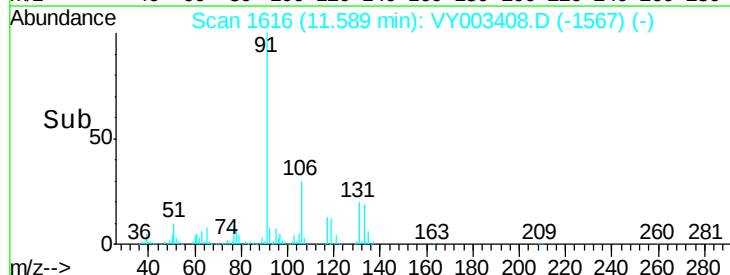
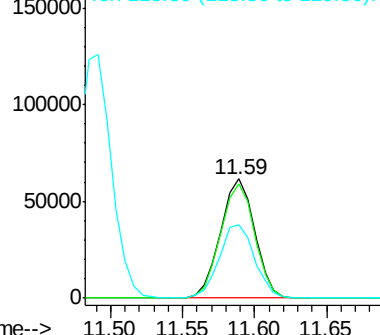
119 63.5 32.0 96.2

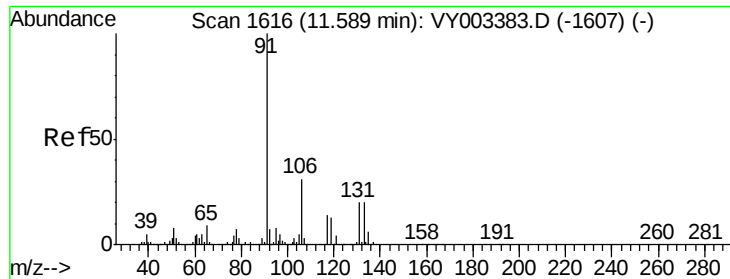


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





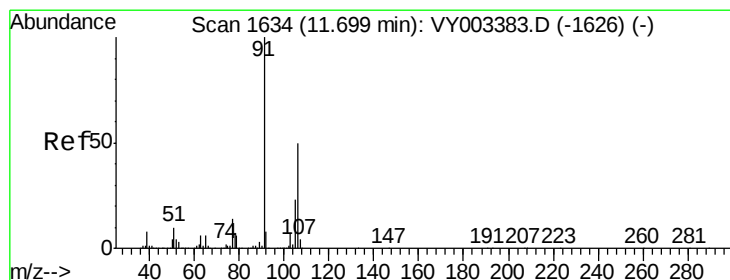
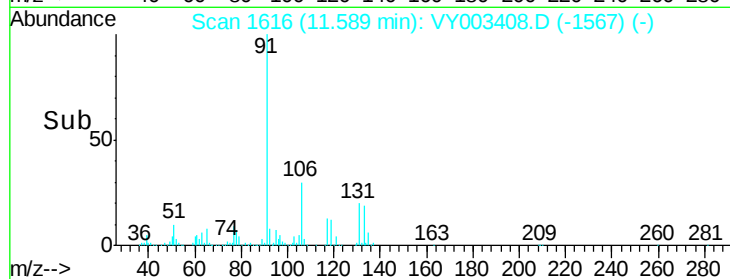
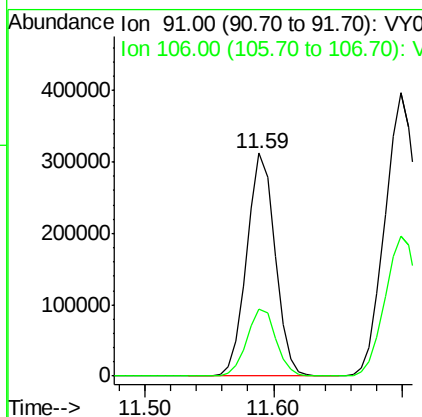
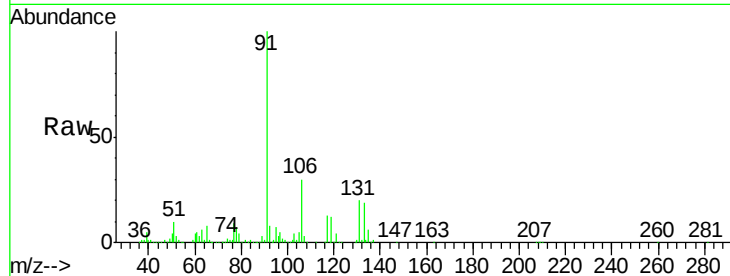
#67
Ethyl Benzene
Concen: 20.964 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion: 91 Resp: 472879
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6

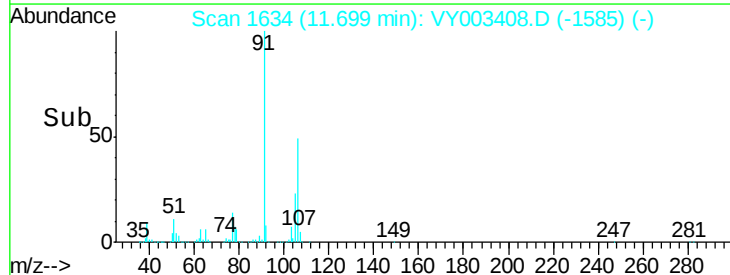
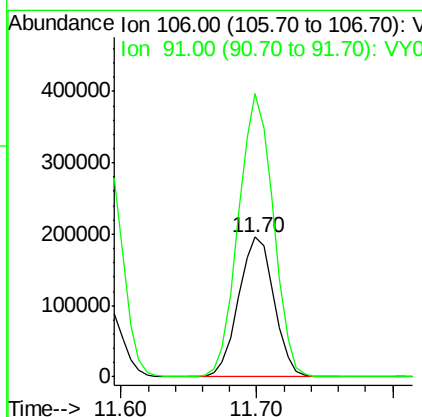
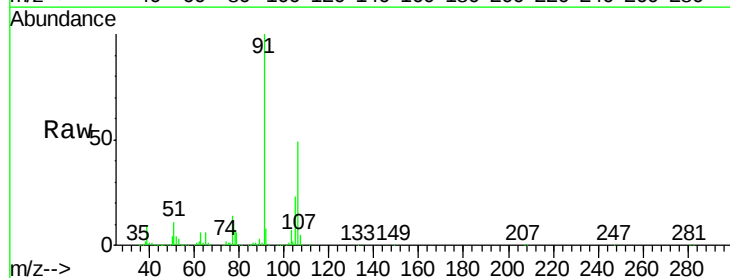
Manual Integrations
APPROVED

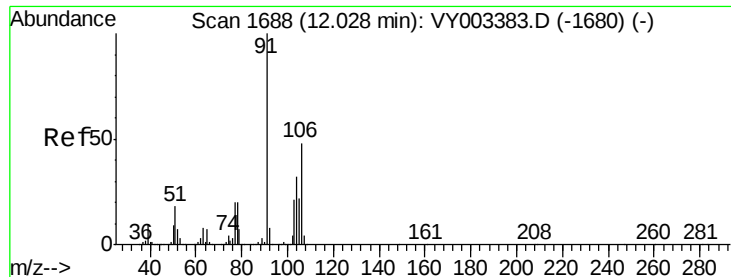
MMDadoda
8/4/2020 1:51:12 PM



#68
m/p-Xylenes
Concen: 42.068 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion: 106 Resp: 357735
Ion Ratio Lower Upper
106 100
91 198.3 161.0 241.6





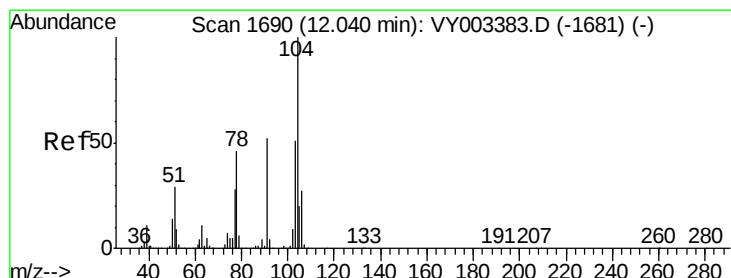
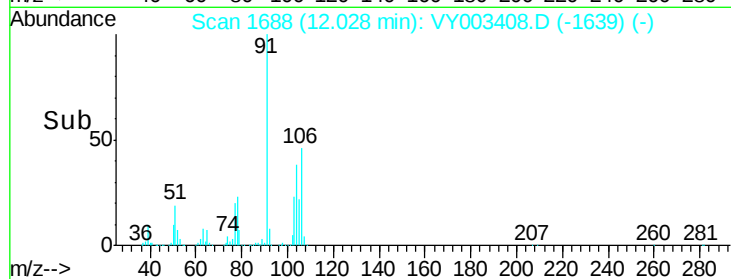
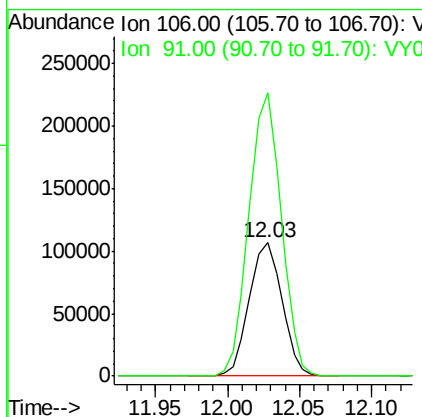
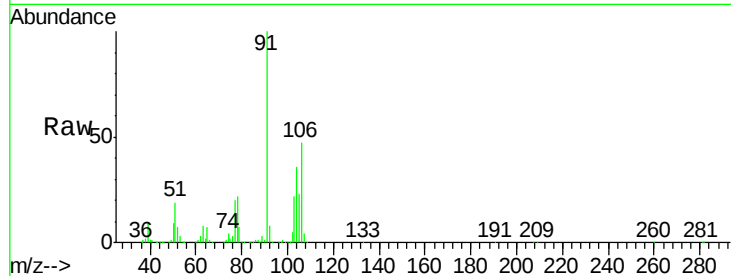
#69
o-Xylene
Concen: 21.174 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	104.6	313.7

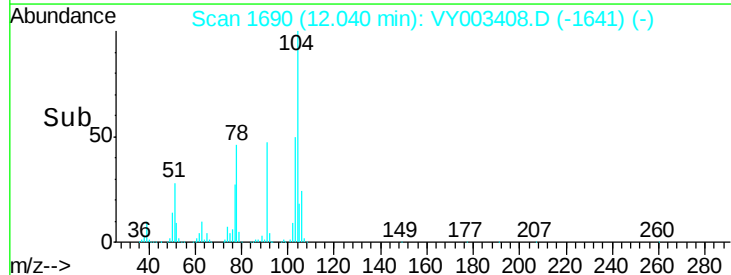
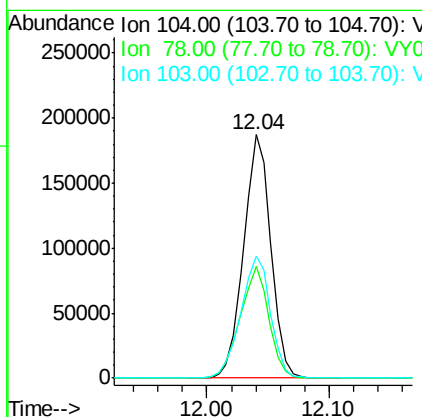
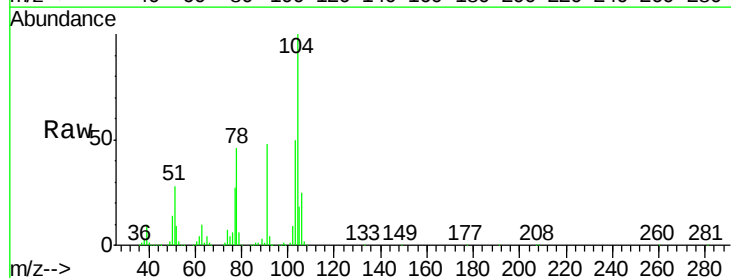
Manual Integrations
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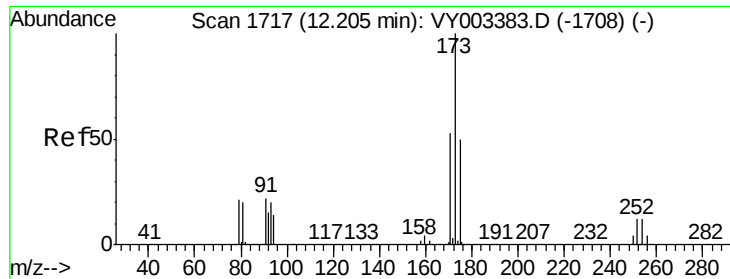
MMDadoda
8/4/2020 1:51:12 PM



#70
Styrene
Concen: 21.229 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.3	58.9
103	54.9	43.7	65.5





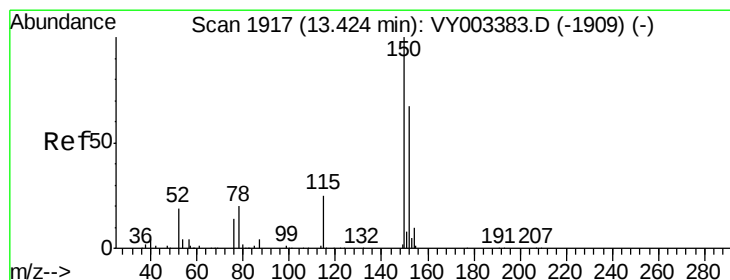
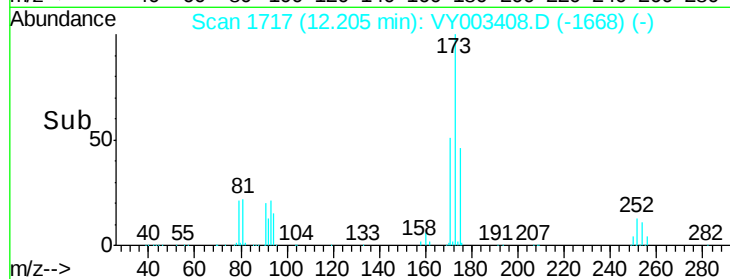
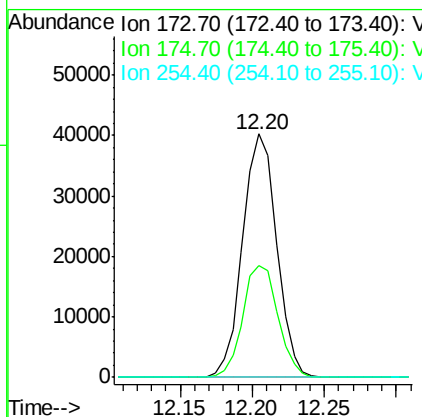
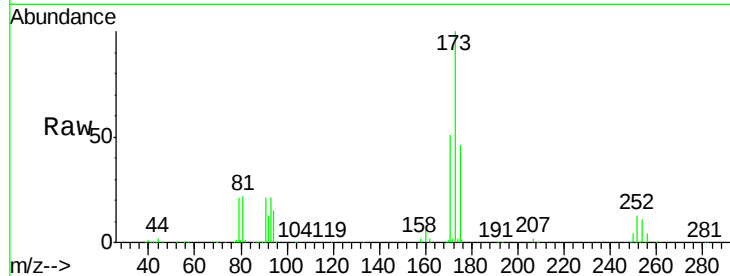
#71
Bromoform
Concen: 20.840 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.1	72.2
254	0.2	0.2	0.2

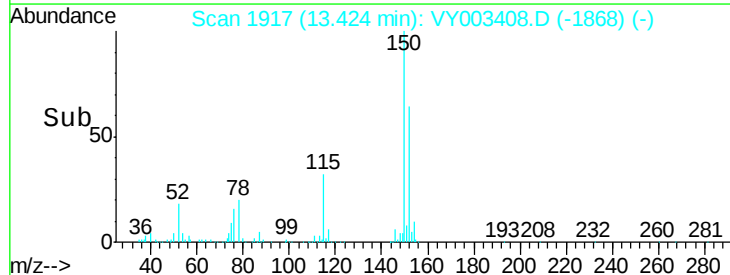
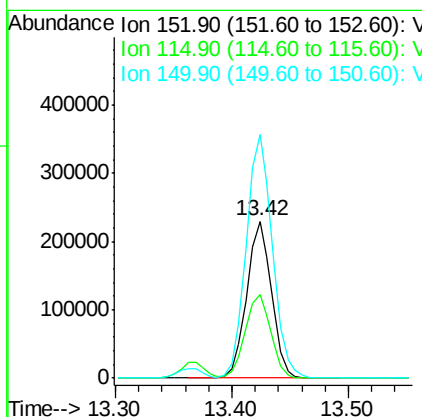
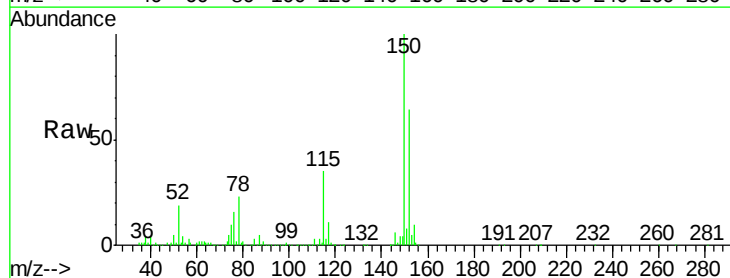
Manual Integrations
APPROVED

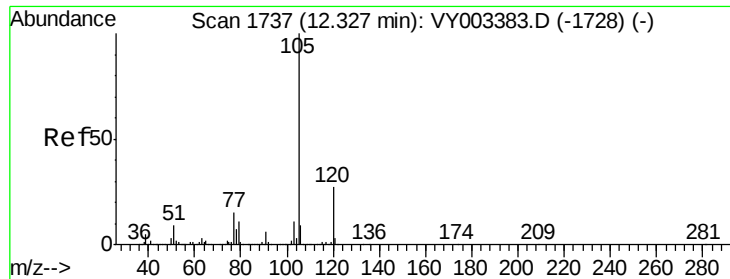
MMDadoda
8/4/2020 1:51:12 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.2	81.5
150	164.0	0.0	346.8





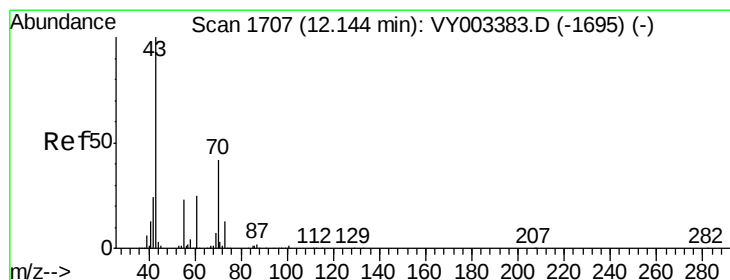
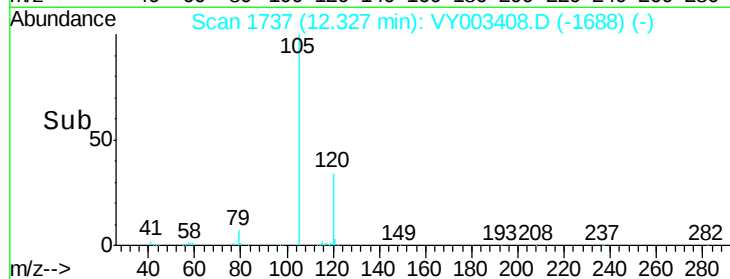
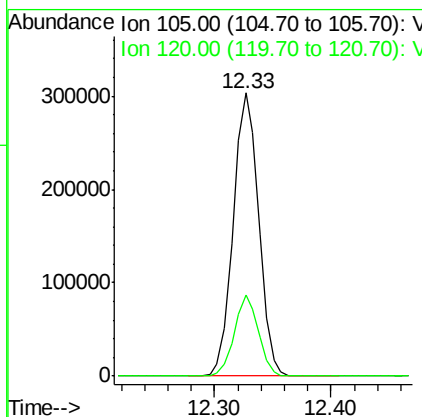
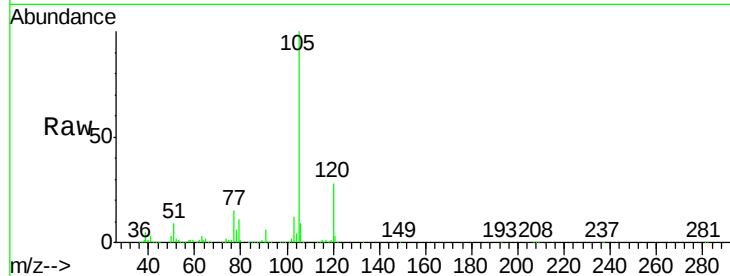
#73
Isopropylbenzene
Concen: 20.916 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.4

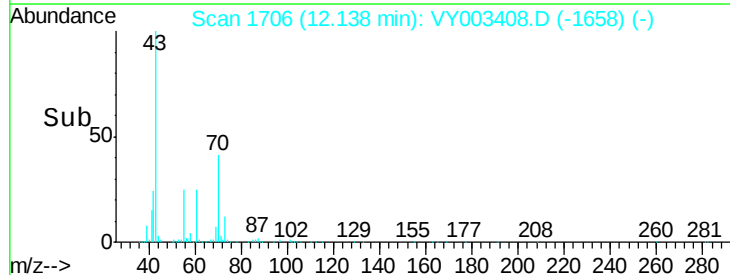
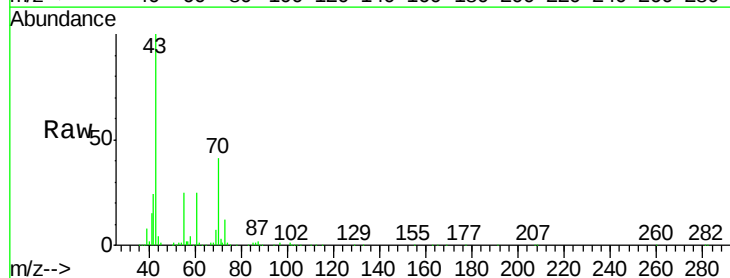
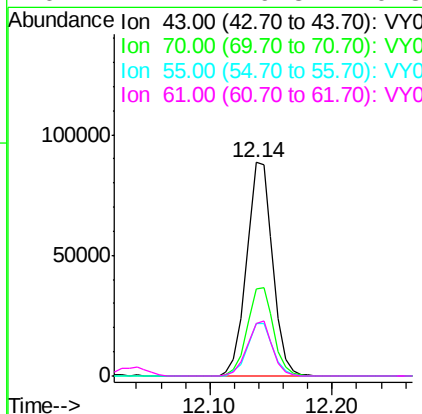
Manual Integrations
APPROVED

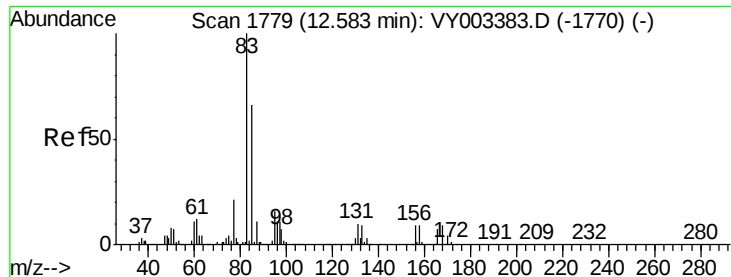
MMDadoda
8/4/2020 1:51:12 PM



#74
N-ethyl acetate
Concen: 20.139 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.6	33.6	50.4
55	24.4	18.5	27.7
61	24.7	19.8	29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.810 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

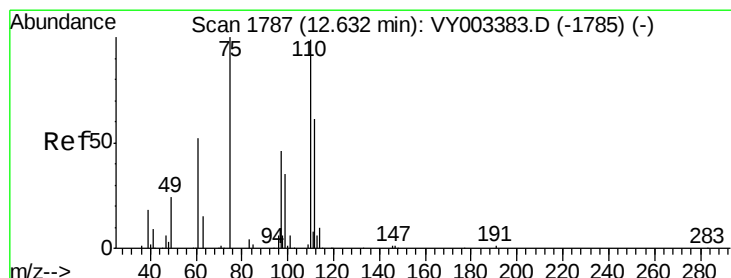
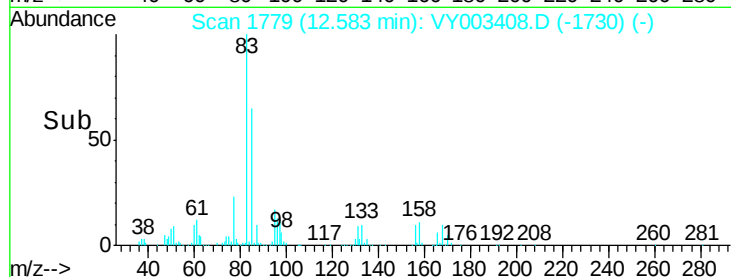
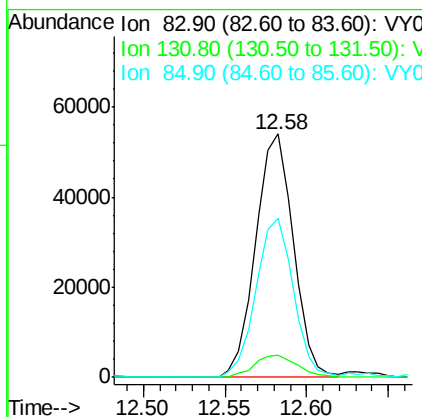
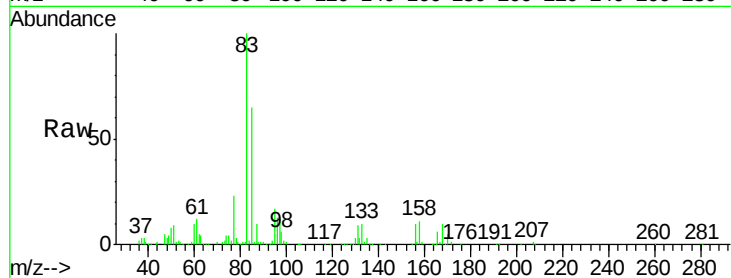
ClientSampleId :

VY0803SBS01

Tot Ion:	83	Resp:	86625
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	64.8	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 20.073 ug/l m

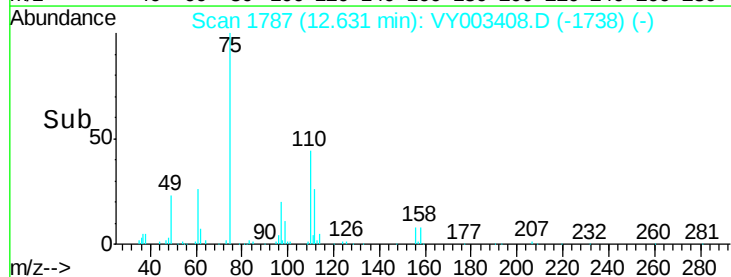
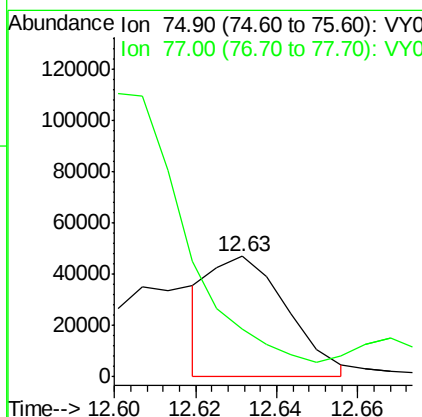
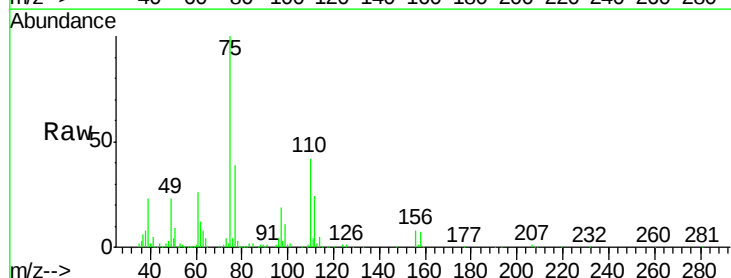
RT: 12.63 min Scan# 1787

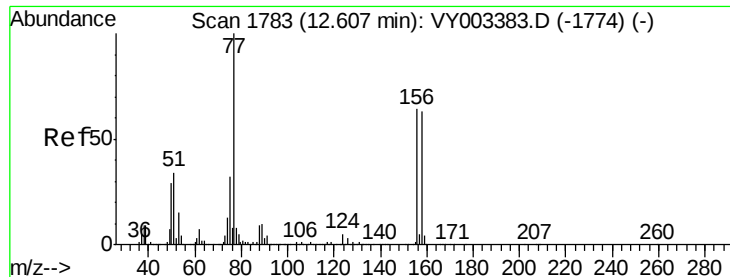
Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion:	75	Resp:	61596
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.967 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

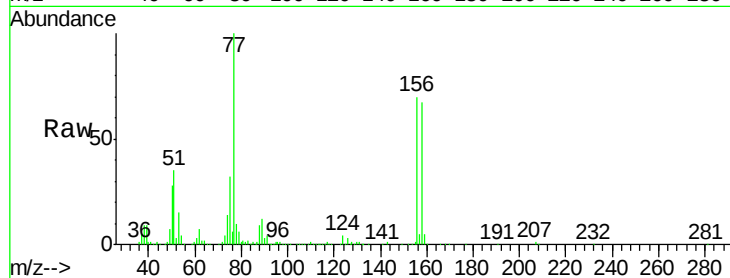
ClientSampleId :

VY0803SBS01

Tot Ion:	156	Resp:	117609
Ion Ratio	Lower	Upper	
156	100		
77	170.5	87.5	262.5
158	96.7	48.7	146.1

Manual Integrations
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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

150000

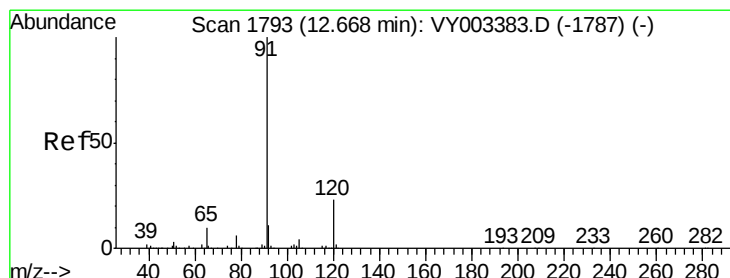
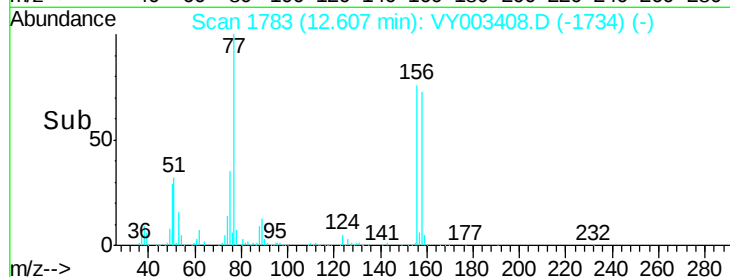
100000

50000

0

12.55 12.60 12.65

Time-->



#78

n-propylbenzene

Concen: 20.951 ug/l

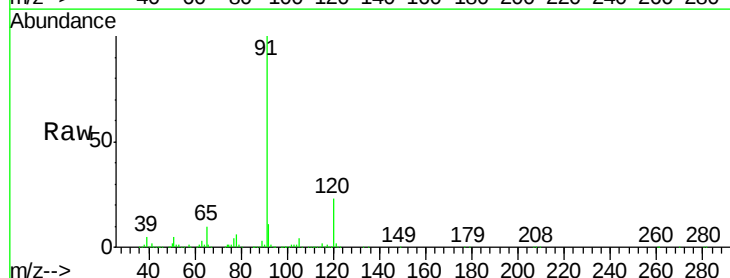
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion:	91	Resp:	553557
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

400000

300000

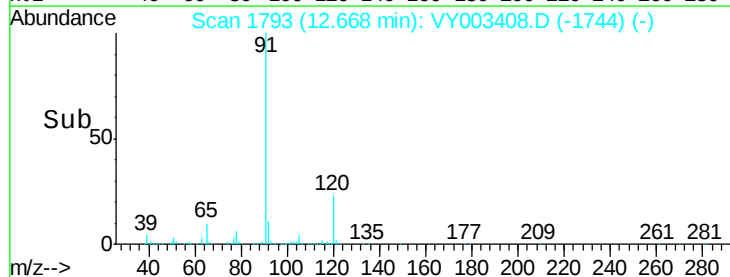
200000

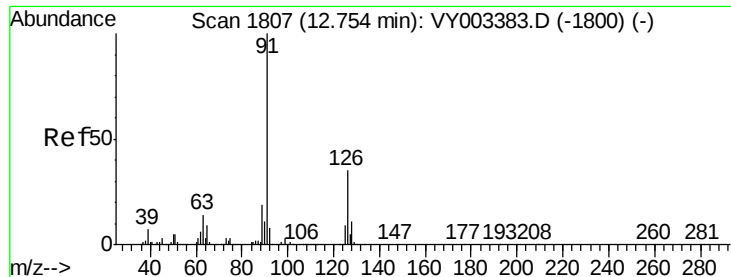
100000

0

12.60 12.65 12.70

Time-->





#79

2-Chlorotoluene

Concen: 20.679 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBSD01

Tot Ion: 91 Resp: 303157

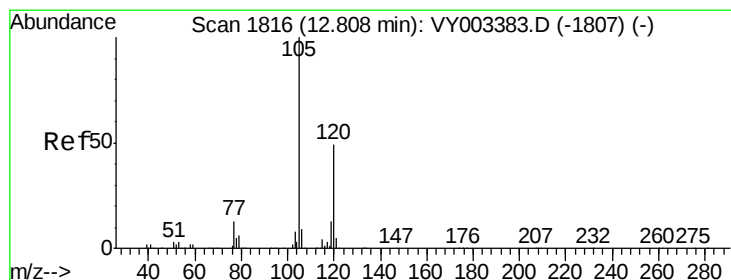
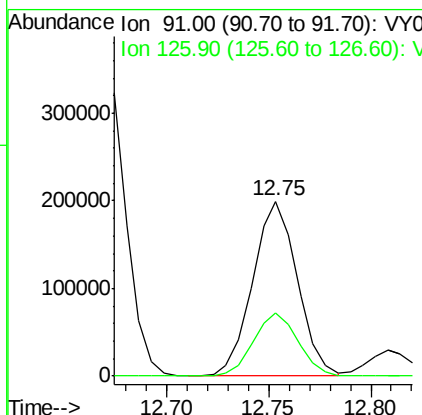
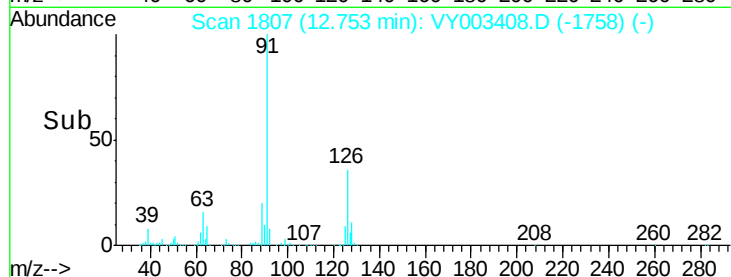
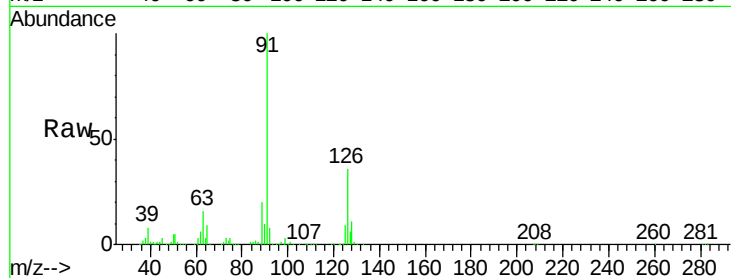
Ion Ratio Lower Upper

91 100

126 36.3 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 21.154 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003408.D

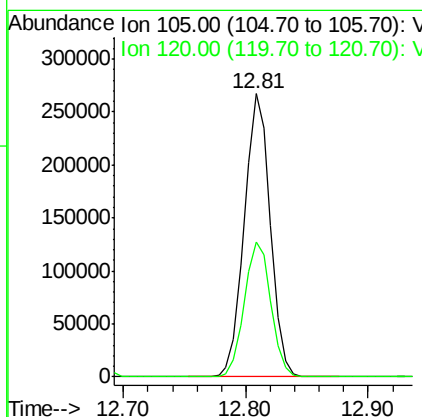
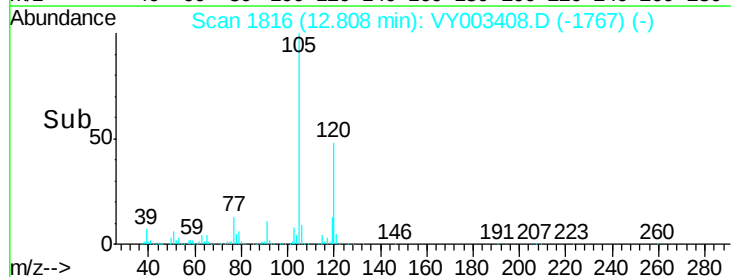
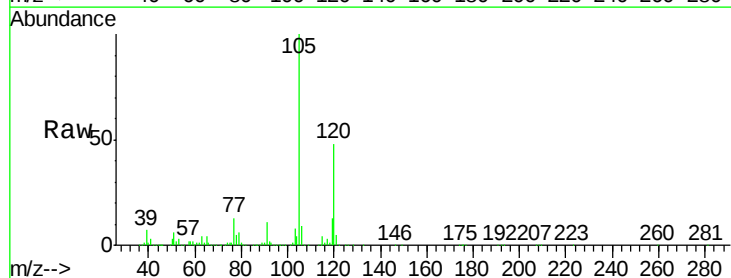
Acq: 03 Aug 2020 11:39

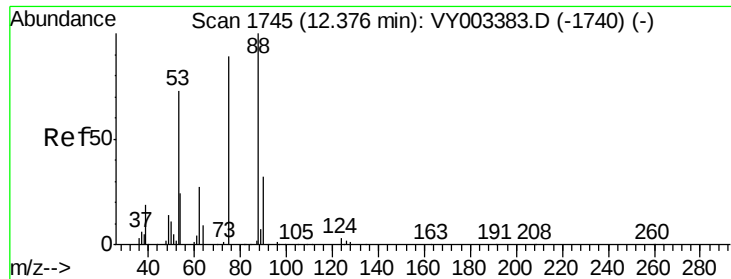
Tgt Ion: 105 Resp: 392089

Ion Ratio Lower Upper

105 100

120 48.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.012 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

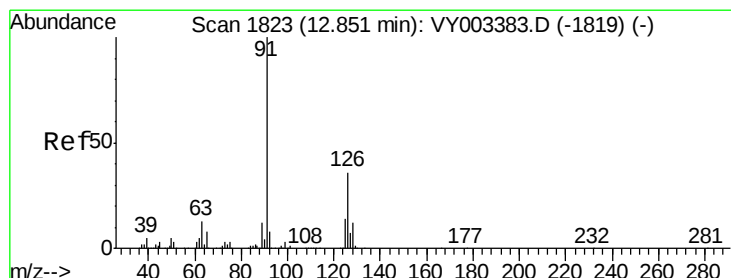
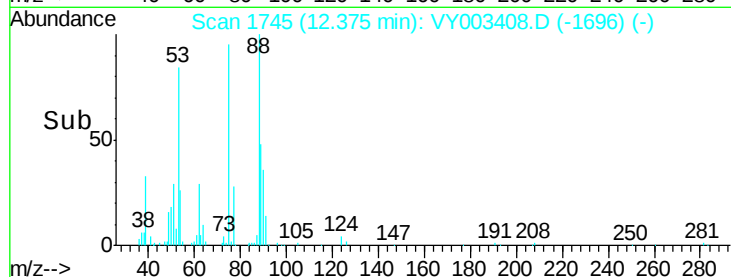
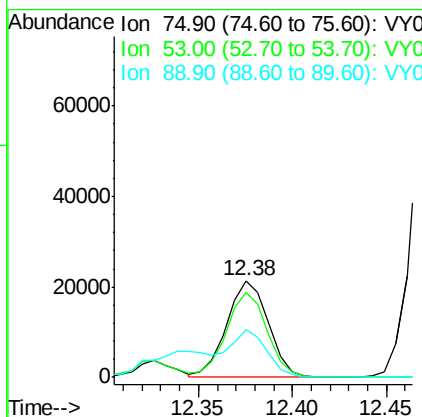
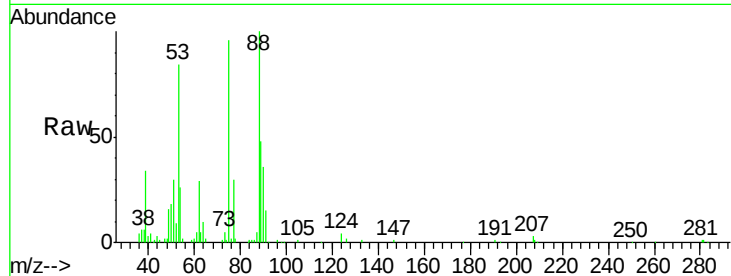
ClientSampleId :

VY0803SBS01

Tot Ion:	75	Resp:	32469
Ion	Ratio	Lower	Upper
75	100		
53	88.4	69.5	104.3
89	45.9	33.8	50.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.490 ug/l

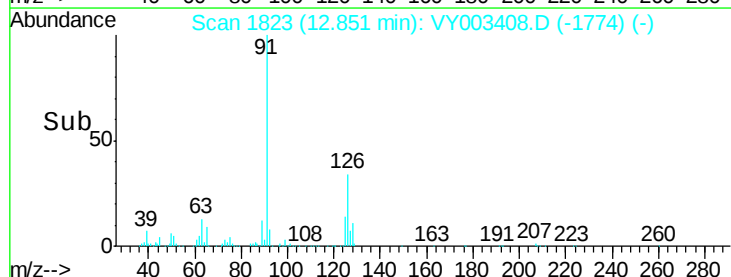
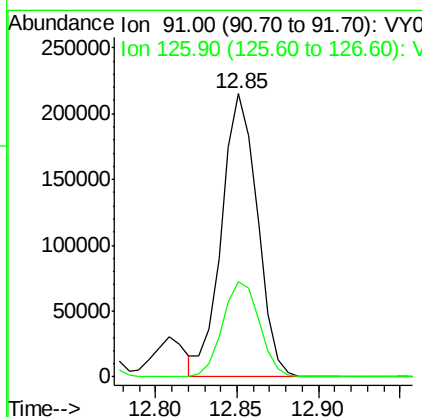
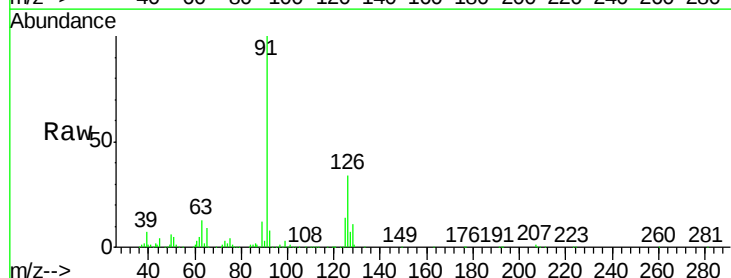
RT: 12.85 min Scan# 1823

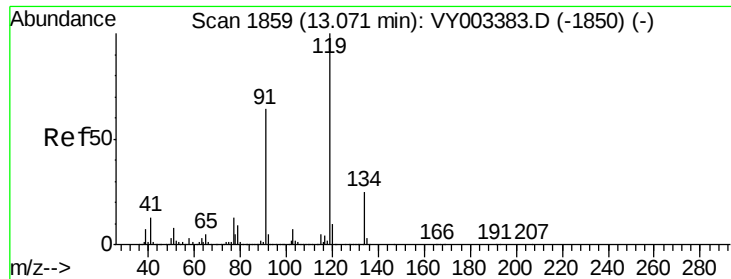
Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion:	91	Resp:	327374
Ion	Ratio	Lower	Upper
91	100		
126	34.8	18.1	54.4





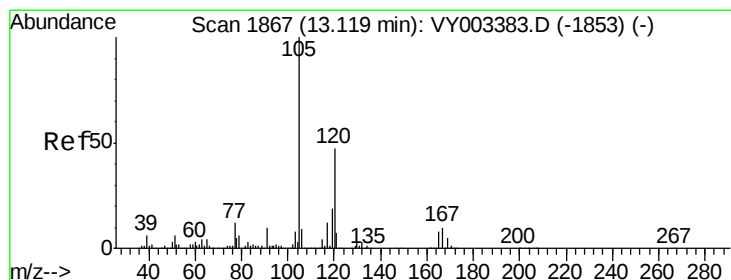
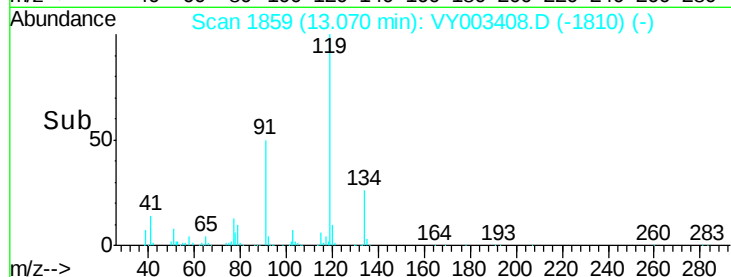
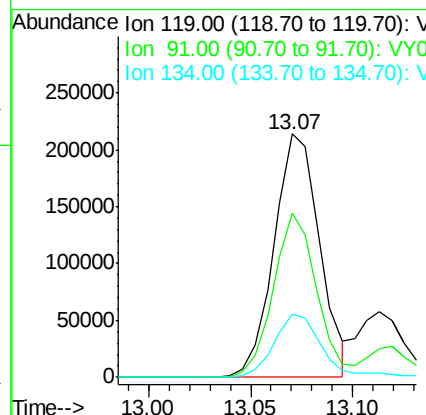
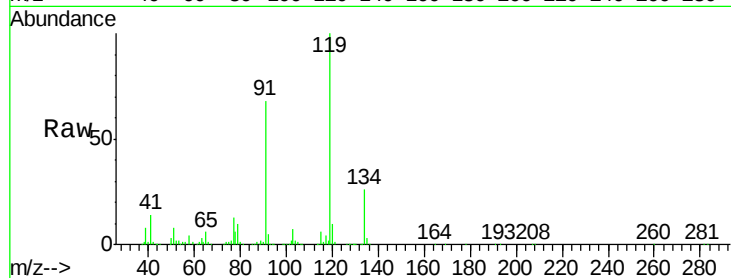
#83
tert-Butylbenzene
Concen: 20.805 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	31.8	95.3
134	27.1	13.6	40.8

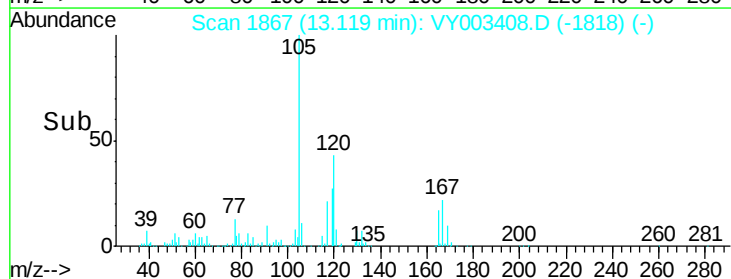
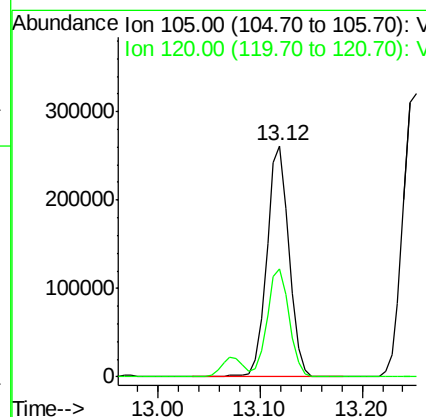
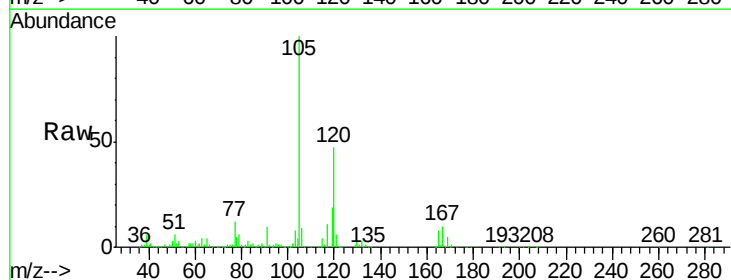
Manual Integrations
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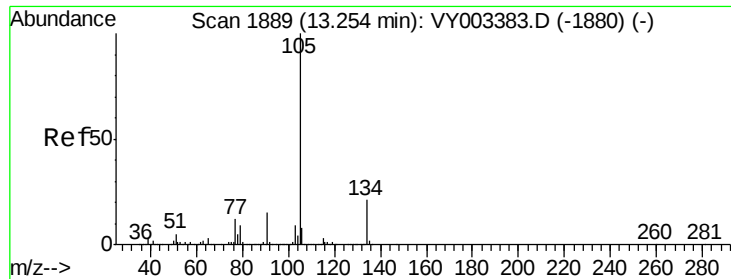
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.173 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.3





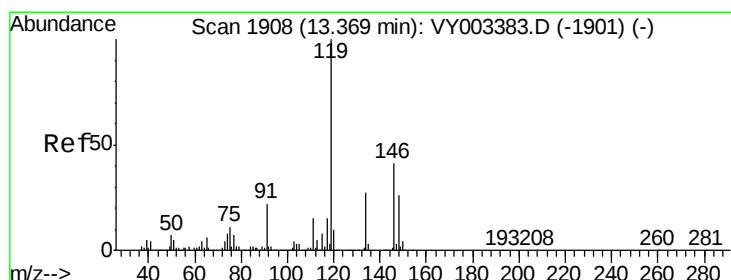
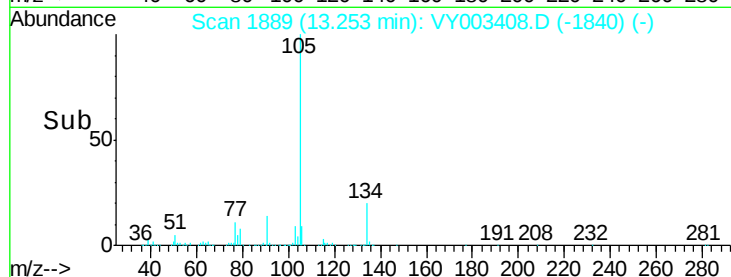
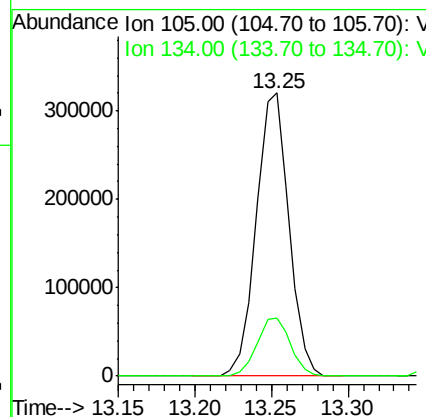
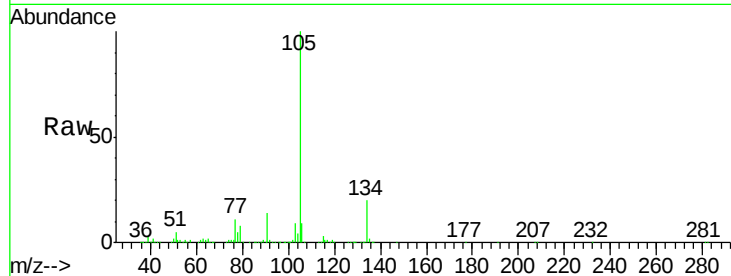
#85
 sec-Butylbenzene
 Concen: 21.246 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.4	31.4

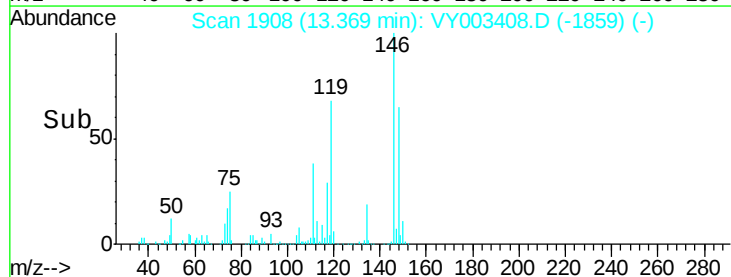
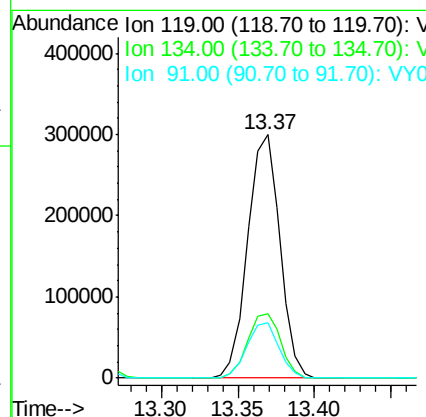
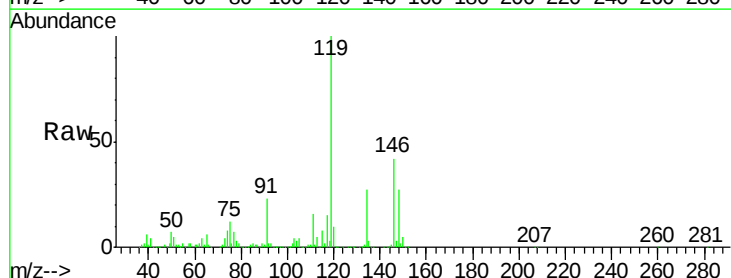
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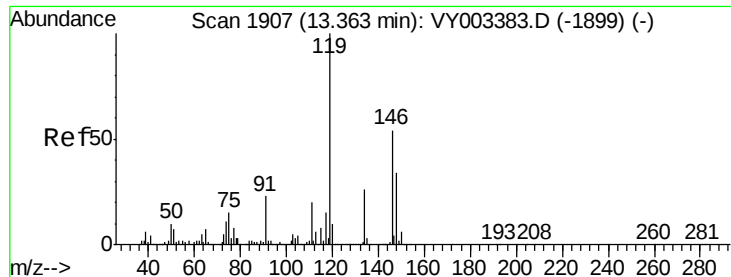
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#86
 p-Isopropyltoluene
 Concen: 20.929 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.5	40.4
91	22.6	11.4	34.1





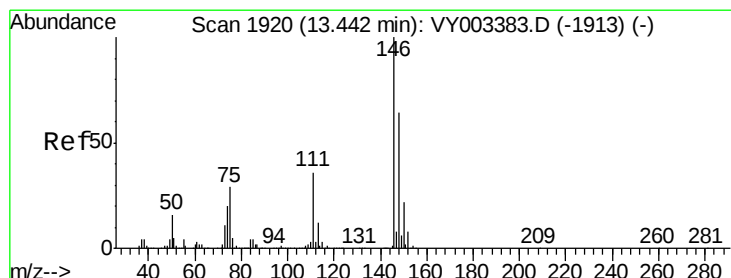
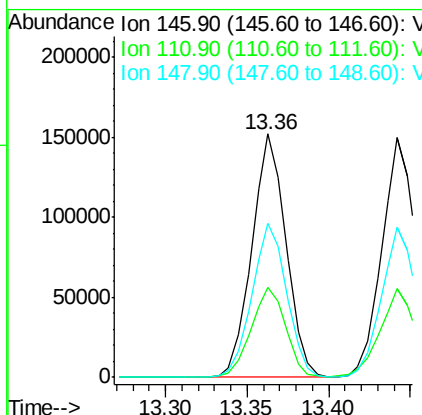
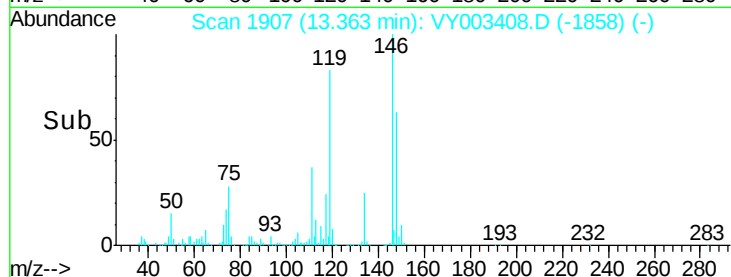
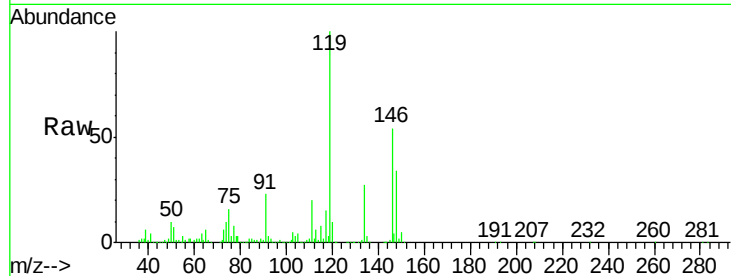
#87
 1,3-Dichlorobenzene
 Concen: 20.712 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	221922		
111	37.4	18.8	56.4	
148	64.2	31.9	95.9	

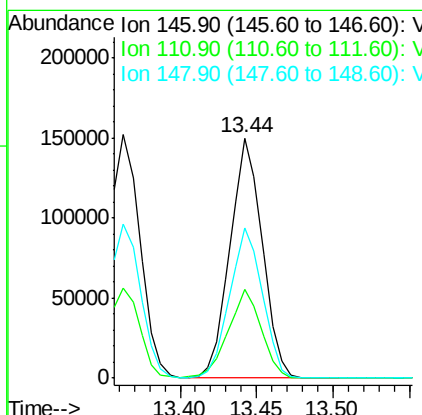
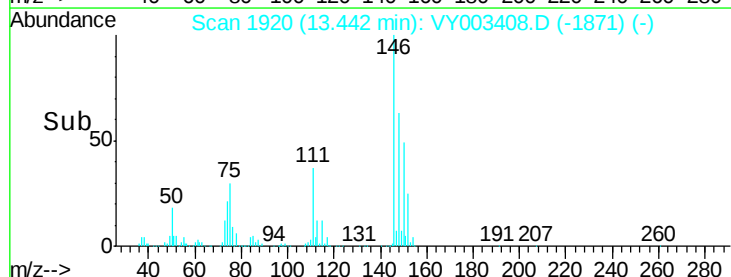
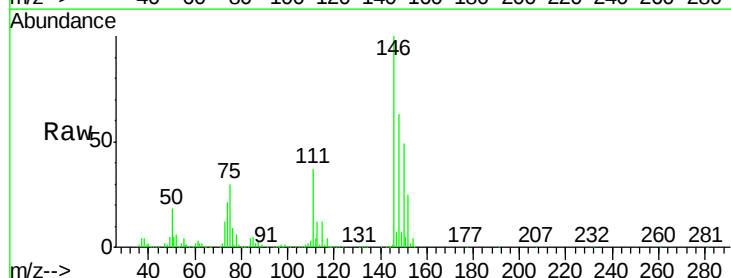
Manual Integrations
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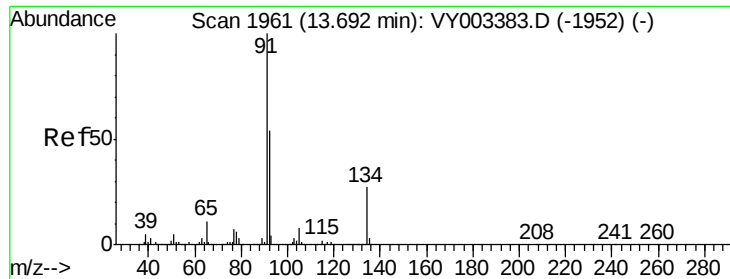
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 20.821 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	219951		
111	38.0	18.1	54.3	
148	63.8	32.1	96.3	





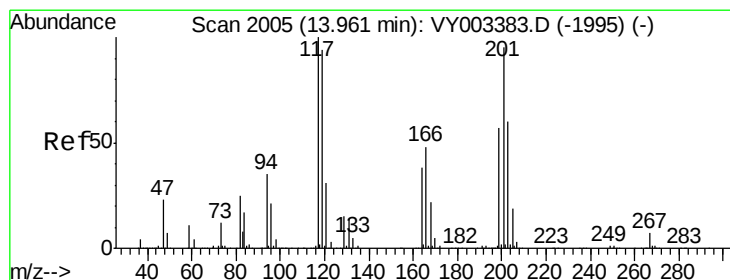
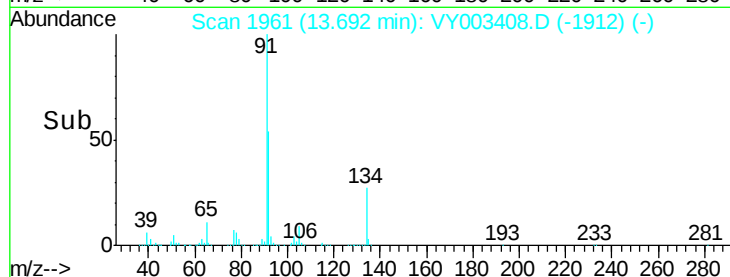
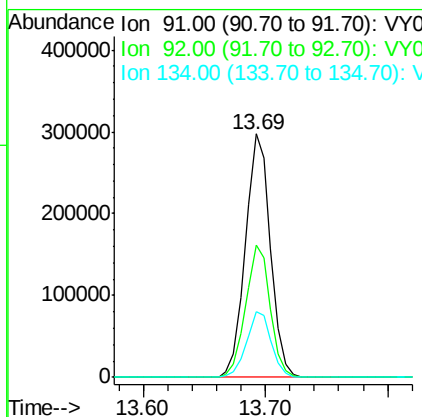
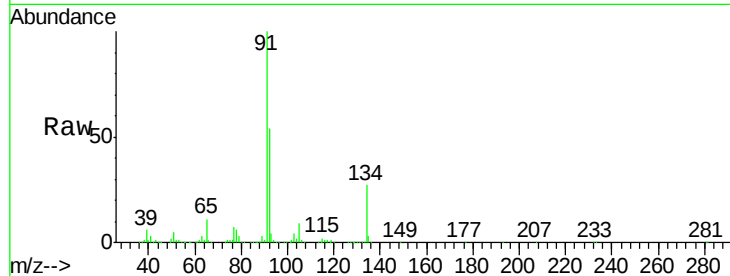
#89
n-Butylbenzene
Concen: 21.223 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.9	80.6
134	27.0	13.6	40.7

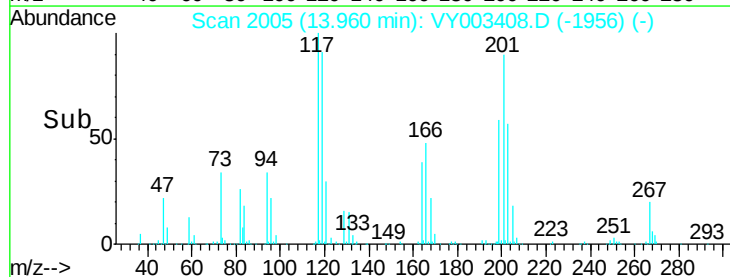
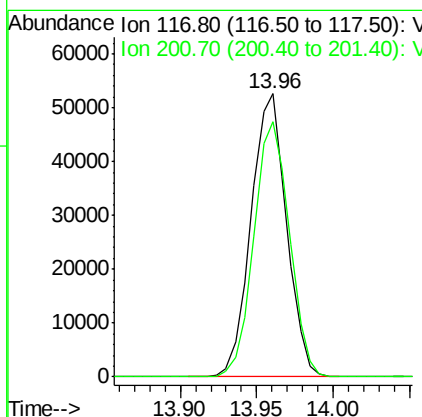
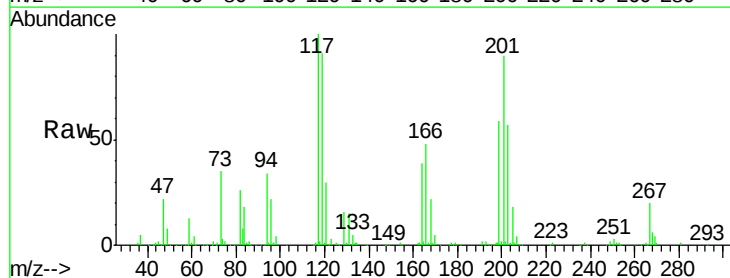
Manual Integrations
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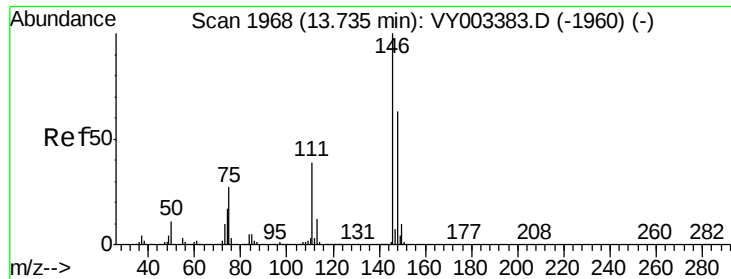
MMDadoda
8/4/2020 1:51:12 PM



#90
Hexachloroethane
Concen: 21.114 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	44.7	134.1





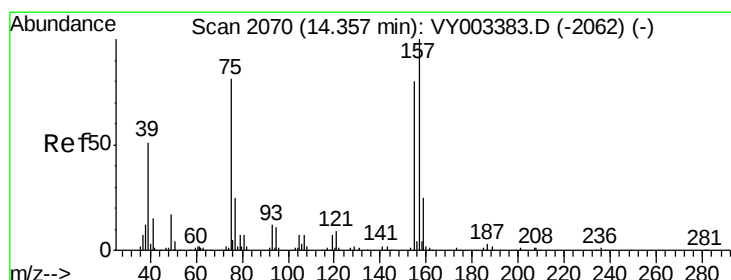
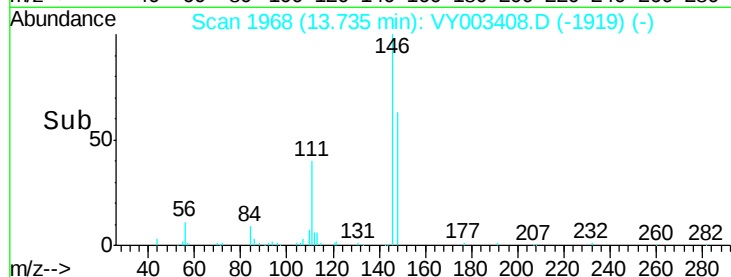
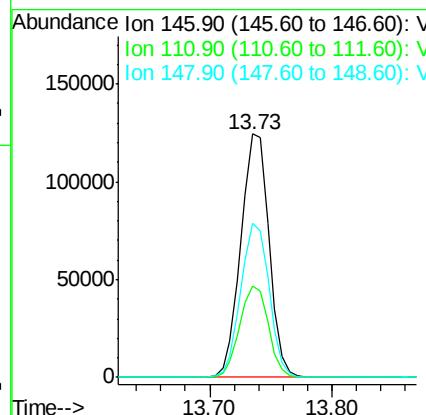
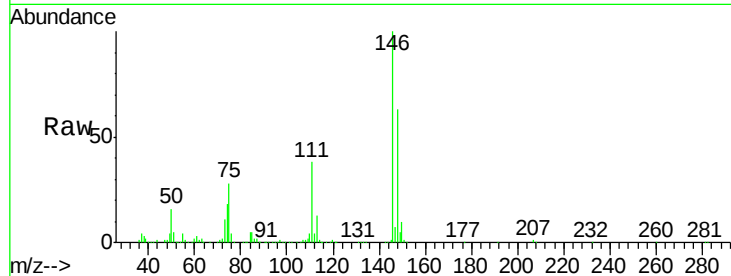
#91
 1,2-Dichlorobenzene
 Concen: 20.964 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	198281		
111	38.0	19.2	57.6	
148	63.9	32.1	96.5	

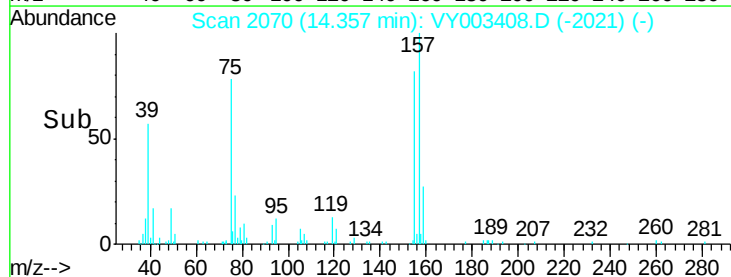
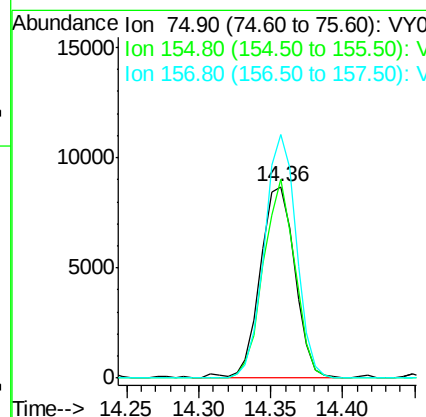
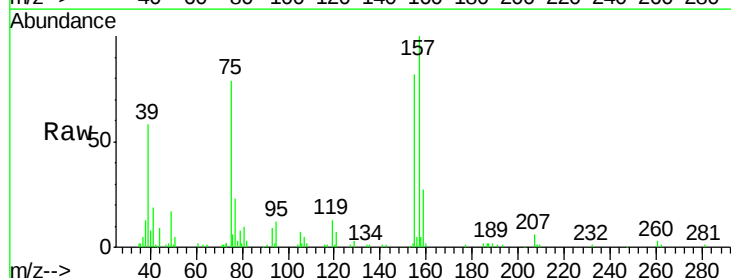
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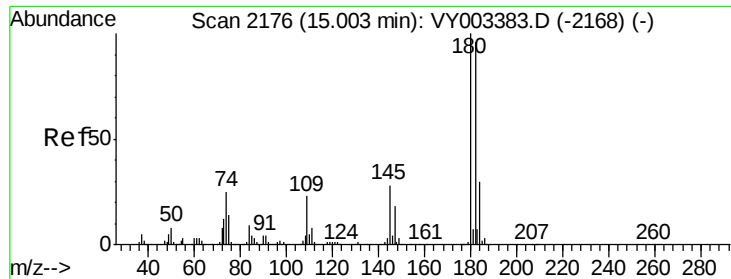
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.545 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14474		
155	94.1	48.8	146.4	
157	116.8	60.9	182.6	





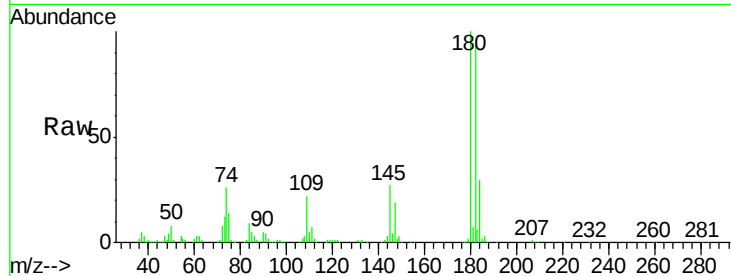
#93
 1,2,4-Trichlorobenzene
 Concen: 21.347 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

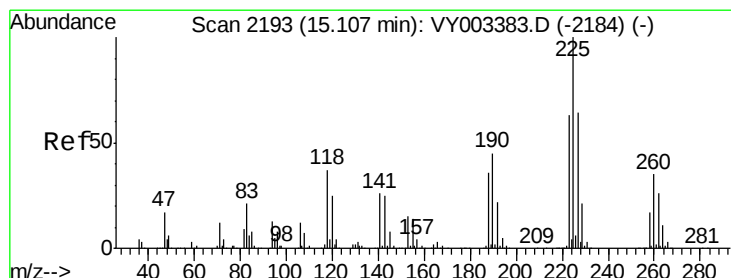
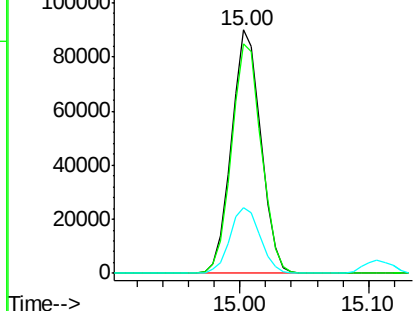
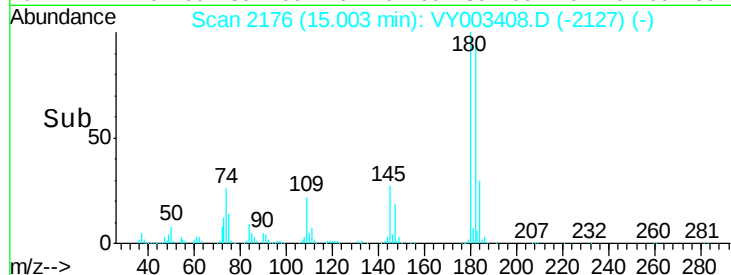
Tot Ion	Ratio	Resp	Lower	Upper
180	100	143079		
182	95.4	48.2	144.6	
145	27.9	13.8	41.3	

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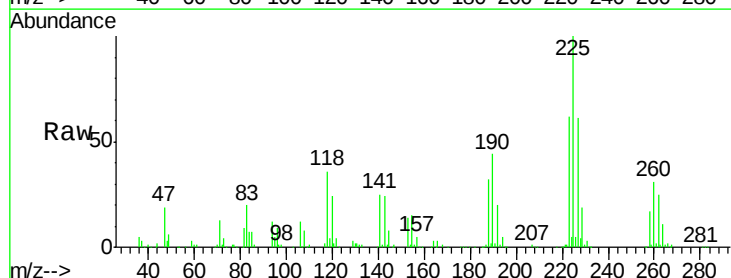


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

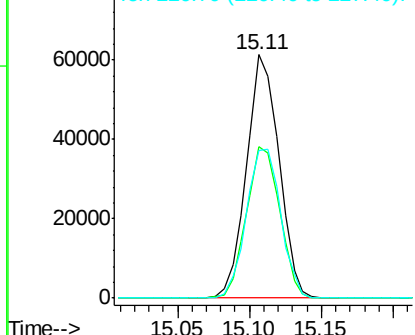
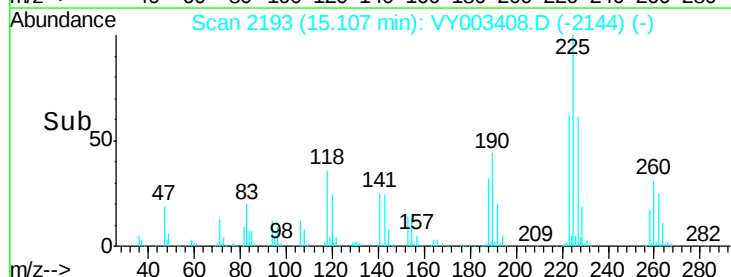


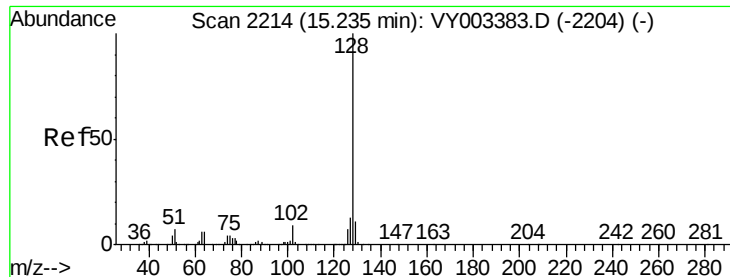
#94
 Hexachlorobutadiene
 Concen: 21.523 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95537		
223	64.1	31.6	94.8	
227	64.8	32.0	96.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





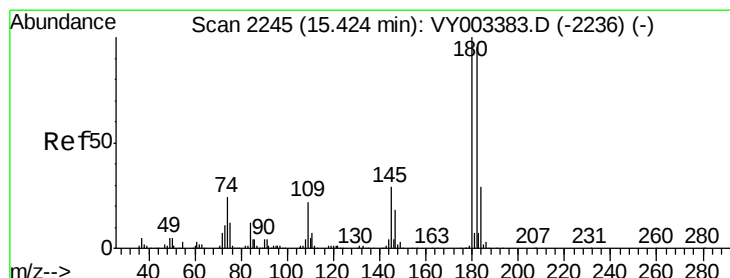
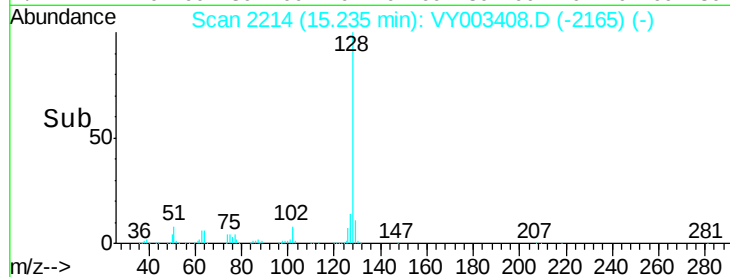
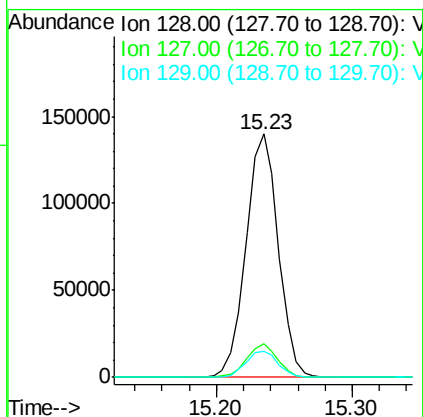
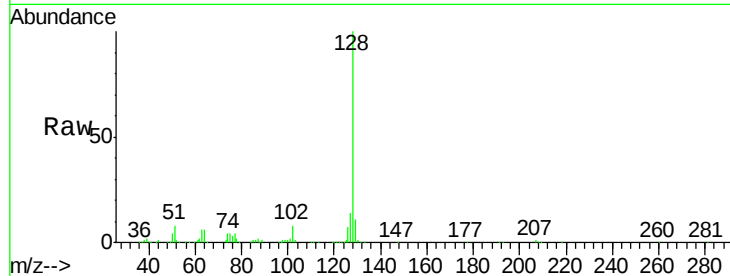
#95
Naphthalene
Concen: 20.425 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	231900		
127	13.4		10.4	15.6
129	10.9		8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 21.468 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	116412		
182	94.6		47.4	142.2
145	29.1		14.5	43.5

