

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003386.D
 Acq On : 31 Jul 2020 13:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY073120

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:33 PM

Quant Time: Aug 01 01:45:19 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	7.79	168	544817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	802214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	731486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	391891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	253372	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.72	113	236334	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.18	98	925447	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.48	95	318056	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	216215	48.466	ug/l	100
3) Chloromethane	2.12	50	288702	47.251	ug/l	99
4) Vinyl Chloride	2.26	62	307475	50.130	ug/l	99
5) Bromomethane	2.65	94	222303	49.063	ug/l	94
6) Chloroethane	2.80	64	192304	49.983	ug/l	97
7) Trichlorofluoromethane	3.13	101	417008	50.349	ug/l	99
8) Diethyl Ether	3.54	74	144795	50.206	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	253706	51.283	ug/l	99
10) Methyl Iodide	4.10	142	295228	51.405	ug/l	99
11) Tert butyl alcohol	4.96	59	130235	256.983	ug/l	98
12) 1,1-Dichloroethene	3.88	96	246991	51.466	ug/l	96
13) Acrolein	3.74	56	123862	227.183	ug/l	99
14) Allyl chloride	4.49	41	406161	50.530	ug/l	100
15) Acrylonitrile	5.17	53	364911	255.018	ug/l	100
16) Acetone	3.95	43	325757	254.516	ug/l	99
17) Carbon Disulfide	4.20	76	790390	50.520	ug/l	99
18) Methyl Acetate	4.48	43	161445	47.810	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	683794	51.543	ug/l	100
20) Methylene Chloride	4.72	84	311060	48.191	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	275368	50.757	ug/l	98
22) Diisopropyl ether	6.13	45	855687	50.669	ug/l	97
23) Vinyl Acetate	6.07	43	2886139	260.871	ug/l	99
24) 1,1-Dichloroethane	6.02	63	479331	50.649	ug/l	98
25) 2-Butanone	6.99	43	493601	253.067	ug/l	98
26) 2,2-Dichloropropane	6.99	77	435451	51.567	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	306663	51.440	ug/l	99
28) Bromochloromethane	7.34	49	180963	49.157	ug/l	98
29) Tetrahydrofuran	7.35	42	325420	255.717	ug/l	98
30) Chloroform	7.51	83	479516	51.084	ug/l	99
31) Cyclohexane	7.78	56	453530	49.391	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	434510	50.734	ug/l	99
36) 1,1-Dichloropropene	7.92	75	385285	50.753	ug/l	100
37) Ethyl Acetate	7.08	43	218653	50.654	ug/l	98
38) Carbon Tetrachloride	7.90	117	398469	51.010	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	480278	51.850	ug/l	98
40) Benzene	8.16	78	1068274	50.717	ug/l	100
41) Methacrylonitrile	7.33	41	125077m	50.544	ug/l	
42) 1,2-Dichloroethane	8.24	62	324675	50.612	ug/l	99
43) Isopropyl Acetate	8.27	43	418310	51.343	ug/l	99
44) Trichloroethene	8.94	130	305449	50.422	ug/l	99
45) 1,2-Dichloropropane	9.22	63	278678	50.522	ug/l	100
46) Dibromomethane	9.31	93	157603	50.926	ug/l	98
47) Bromodichloromethane	9.50	83	382712	51.320	ug/l	97
48) Methyl methacrylate	9.29	41	191288	52.014	ug/l	98
49) 1,4-Dioxane	9.30	88	41335	1031.963	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	1097981	257.159	ug/l	100
52) Toluene	10.24	92	674571	51.064	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	409476	51.734	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	464022	51.731	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	218893	50.426	ug/l	97
56) Ethyl methacrylate	10.51	69	322551	53.673	ug/l	98
57) 1,3-Dichloropropane	10.79	76	386064	51.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	700872	251.790	ug/l	99
59) 2-Hexanone	10.83	43	778268	261.552	ug/l	99
60) Dibromochloromethane	10.99	129	280468	51.449	ug/l	98
61) 1,2-Dibromoethane	11.09	107	215250	51.184	ug/l	100
64) Tetrachloroethene	10.72	164	314718	51.465	ug/l	99
65) Chlorobenzene	11.52	112	744492	51.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	291127	52.143	ug/l	98
67) Ethyl Benzene	11.59	91	1348496	52.101	ug/l	100
68) m/p-Xylenes	11.70	106	1020227	104.558	ug/l	99
69) o-Xylene	12.03	106	476053	52.118	ug/l	99
70) Styrene	12.04	104	827115	52.922	ug/l	99
71) Bromoform	12.20	173	189186	52.143	ug/l	99
73) Isopropylbenzene	12.33	105	1312735	51.829	ug/l	100
74) N-amyl acetate	12.14	43	391498	52.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	258711	51.568	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	181108m	51.443	ug/l	
77) Bromobenzene	12.61	156	335840	52.186	ug/l	98
78) n-propylbenzene	12.67	91	1585134	52.291	ug/l	100
79) 2-Chlorotoluene	12.75	91	875747	52.068	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1106764	52.046	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	97193	52.212	ug/l	98
82) 4-Chlorotoluene	12.85	91	909934	52.063	ug/l	99
83) tert-Butylbenzene	13.07	119	989872	53.617	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	1110253	51.945	ug/l	98
85) sec-Butylbenzene	13.25	105	1352779	52.677	ug/l	100
86) p-Isopropyltoluene	13.37	119	1265063	52.669	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	638474	51.940	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	629297	51.922	ug/l	99
89) n-Butylbenzene	13.69	91	1193075	52.562	ug/l	99
90) Hexachloroethane	13.96	117	241329	52.449	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	564968	52.065	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	41463	51.299	ug/l	97

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QLast Update : Fri Jul 31 13:09:26 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	410840	53.427	ug/l	99
94) Hexachlorobutadiene	15.11	225	269305	52.882	ug/l	99
95) Naphthalene	15.23	128	710875	54.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	344677	55.403	ug/l	100

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

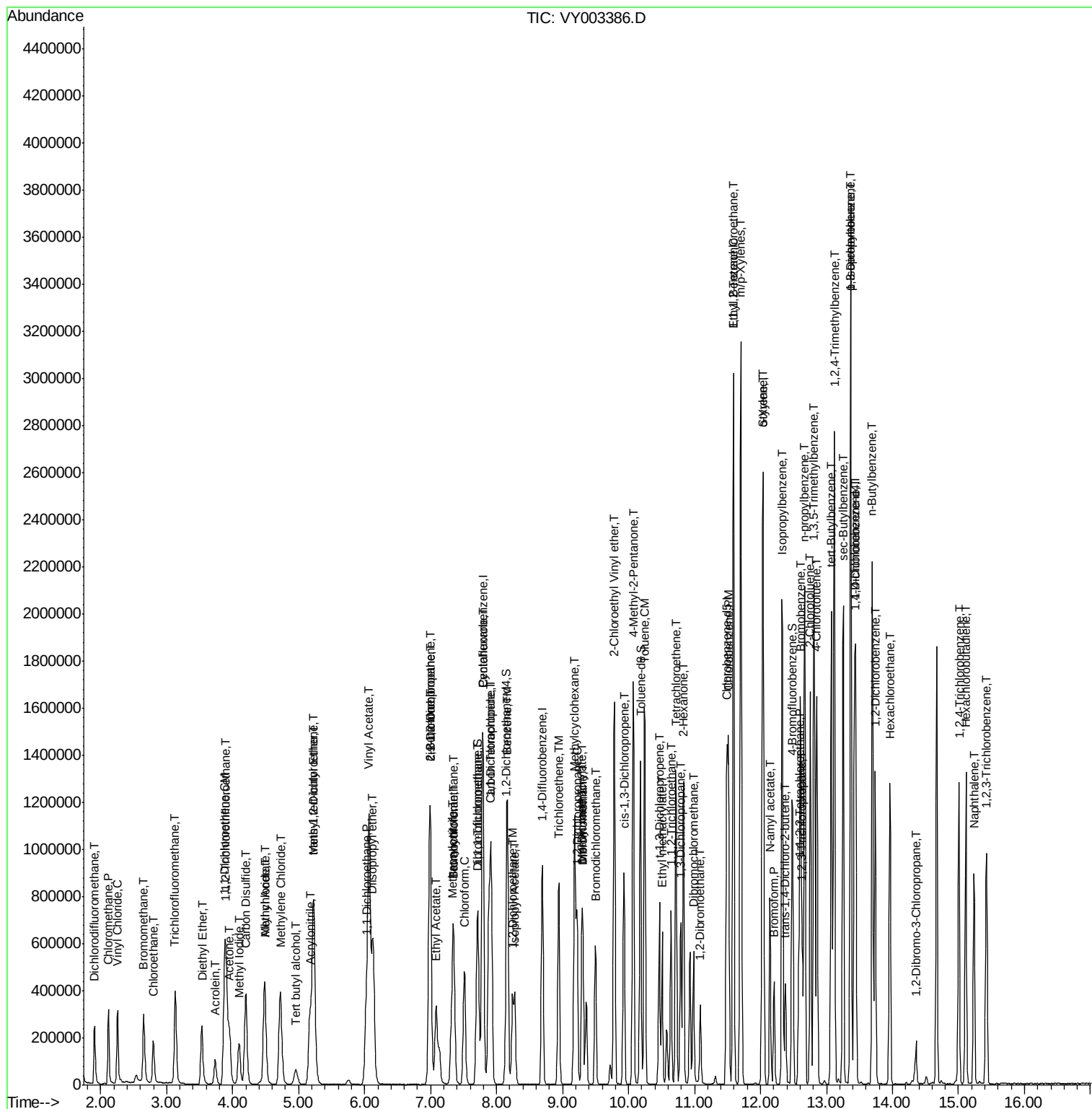
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Data File : VY003386.D
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Operator : SY/MD
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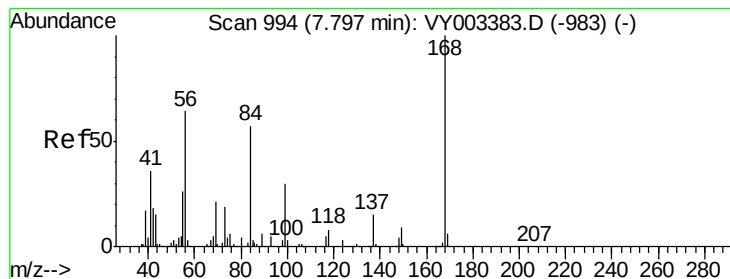
Instrument :
MSVOA_Y
Client Sample Id :
ICVVY073120

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY073120

Tot Ion:168 Resp: 544817

Ion Ratio Lower Upper

168 100

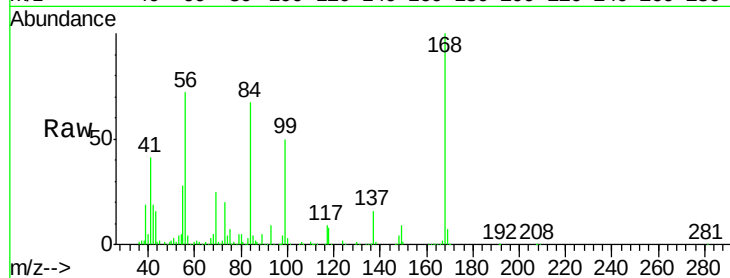
99 49.8 38.8 58.2

Manual Integrations

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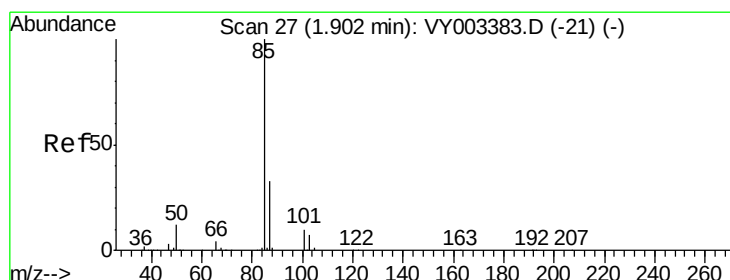
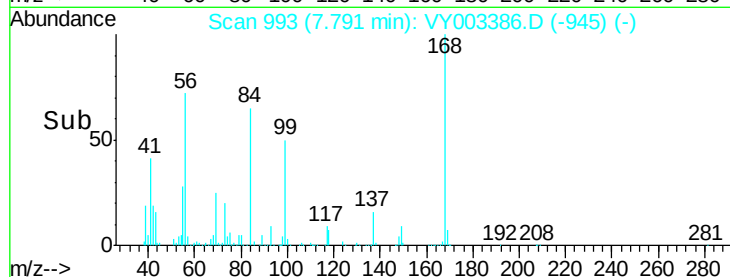
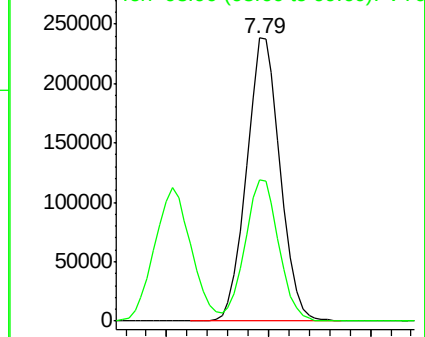
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 48.466 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003386.D

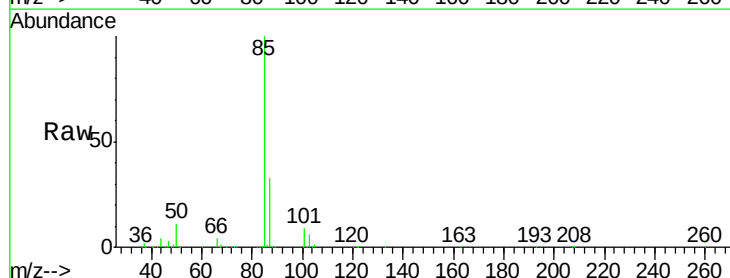
Acq: 31 Jul 2020 13:34

Tgt Ion: 85 Resp: 216215

Ion Ratio Lower Upper

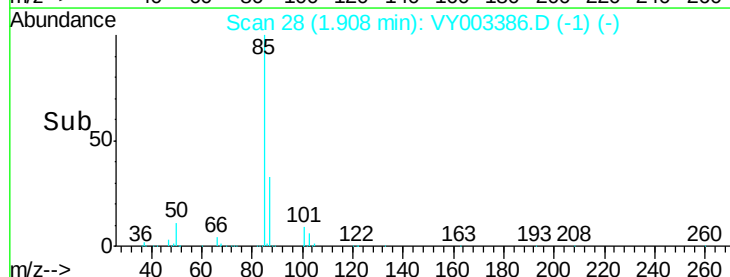
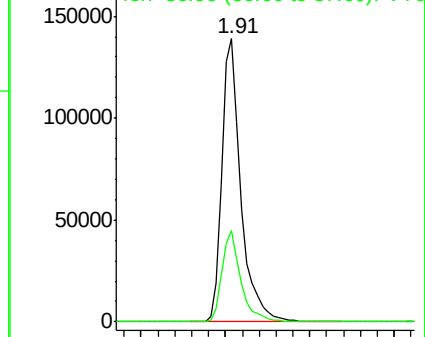
85 100

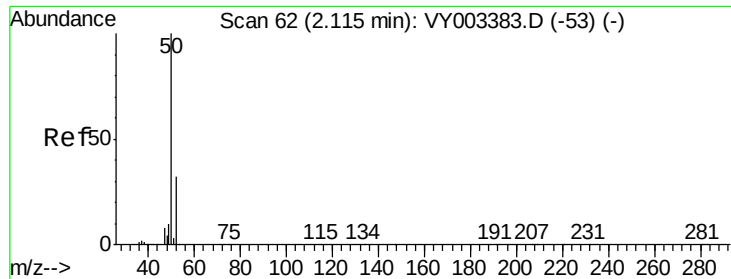
87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 47.251 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY073120

Tot Ion: 50 Resp: 288702

Ion Ratio Lower Upper

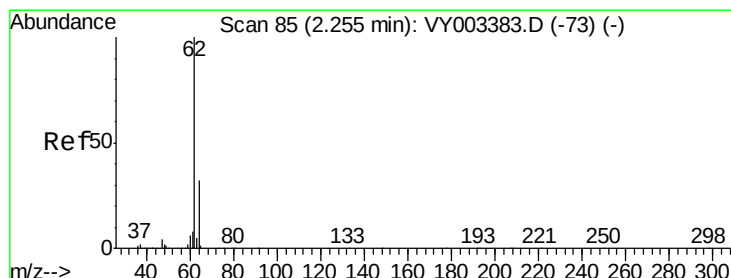
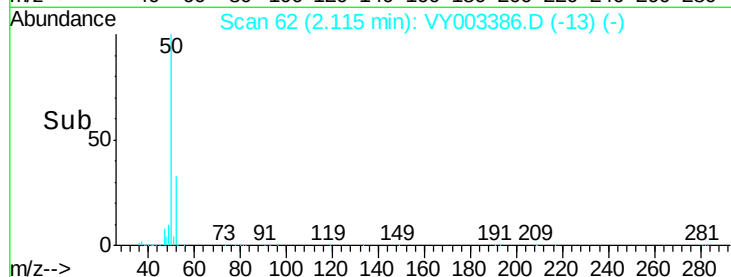
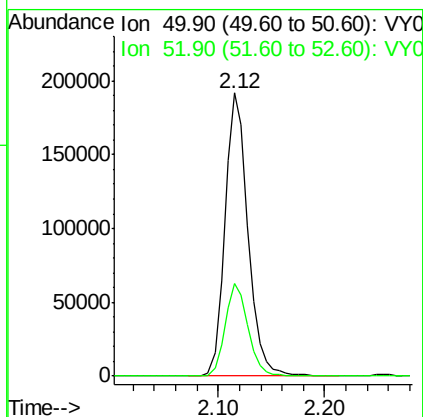
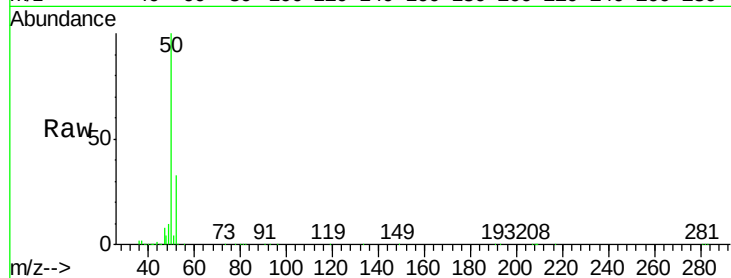
50 100

52 32.9 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.130 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003386.D

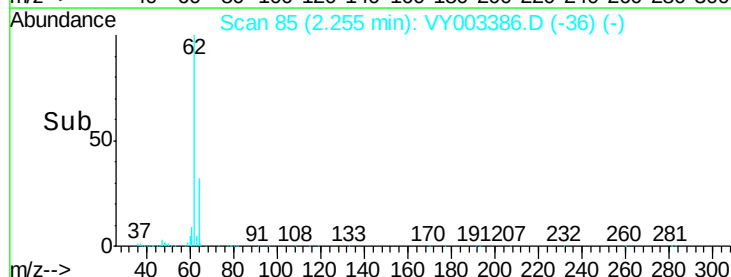
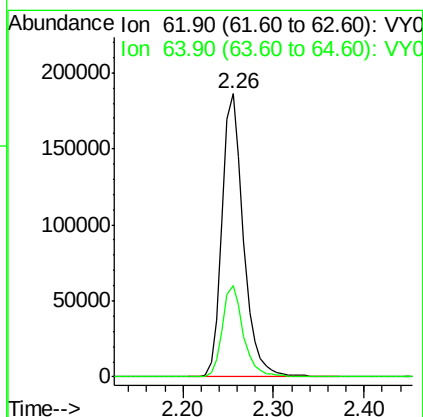
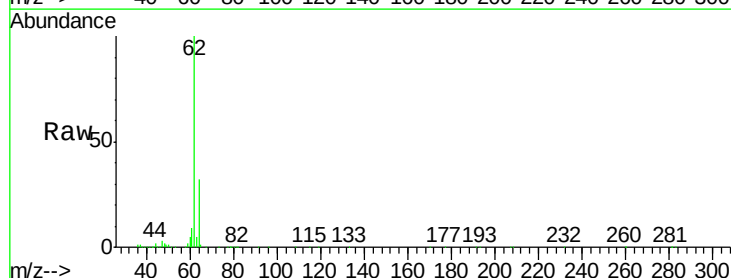
Acq: 31 Jul 2020 13:34

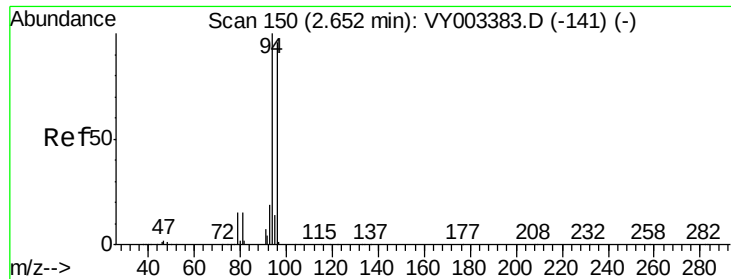
Tgt Ion: 62 Resp: 307475

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 49.063 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY073120

Tot Ion: 94 Resp: 222303

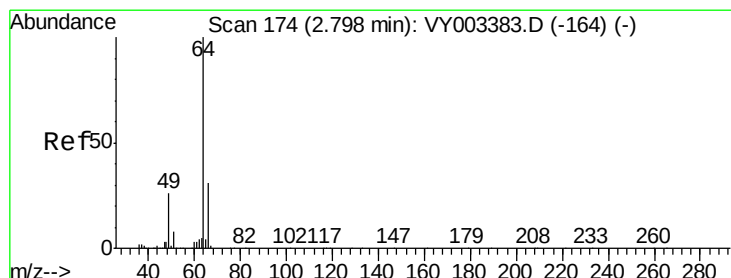
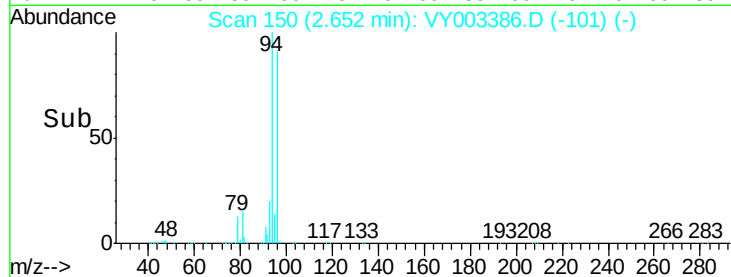
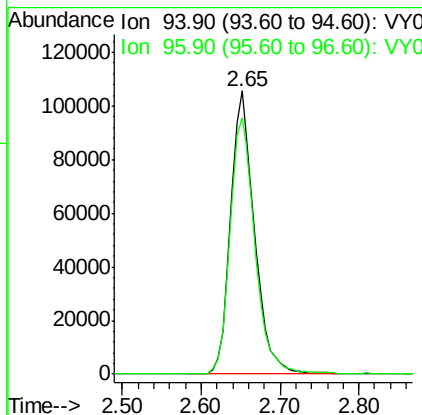
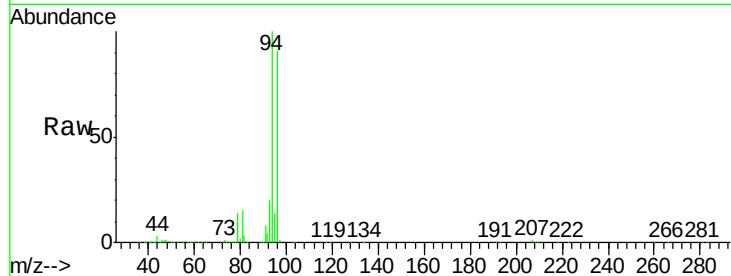
Ion Ratio Lower Upper

94 100

96 90.3 76.6 115.0

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#6

Chloroethane

Concen: 49.983 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003386.D

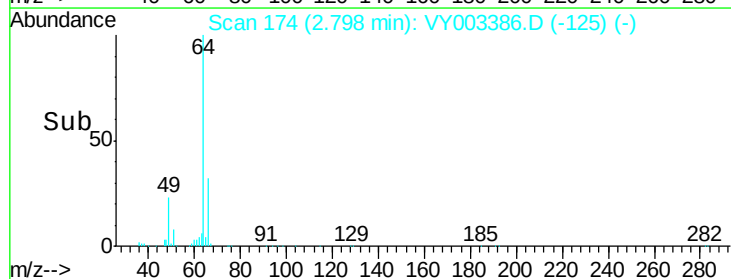
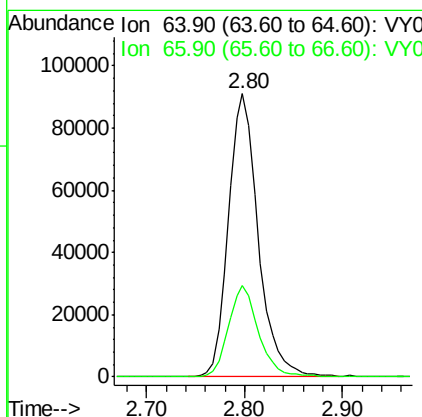
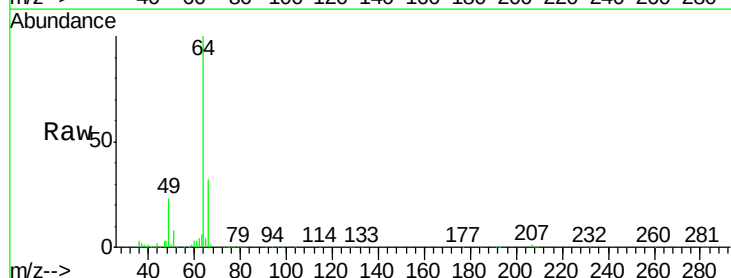
Acq: 31 Jul 2020 13:34

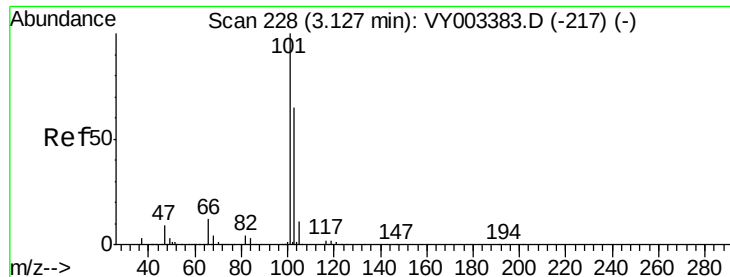
Tgt Ion: 64 Resp: 192304

Ion Ratio Lower Upper

64 100

66 32.4 24.7 37.1





#7

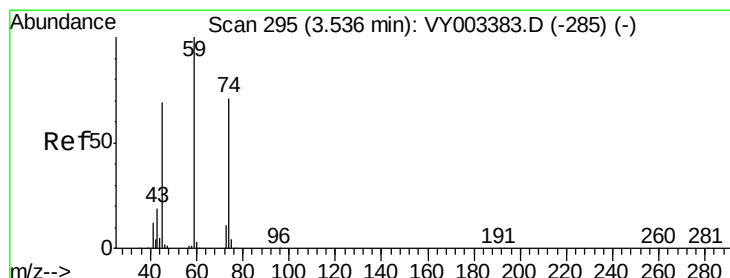
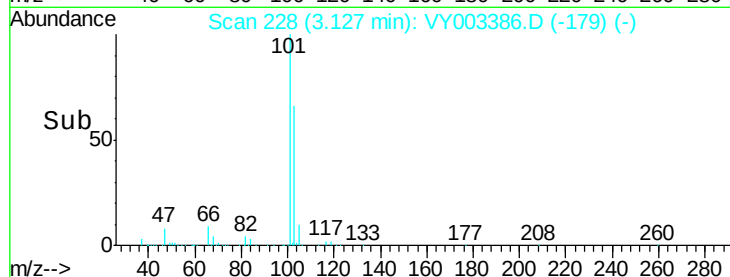
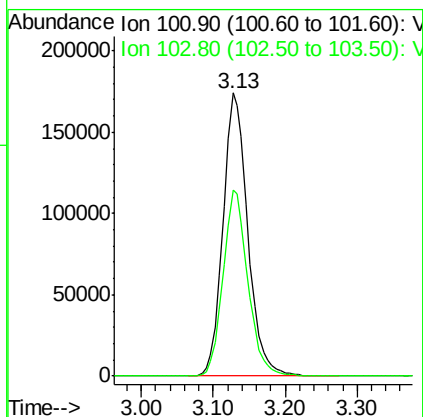
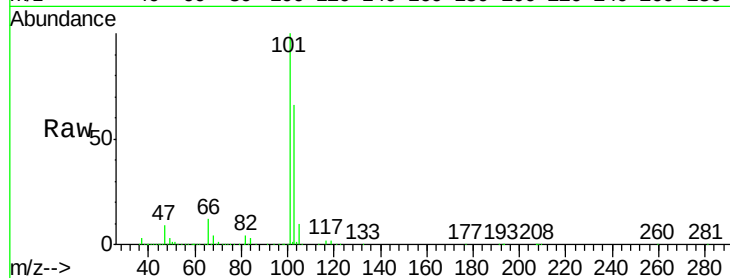
Trichlorofluoromethane
Concen: 50.349 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003386.D
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ICVVY073120

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.6

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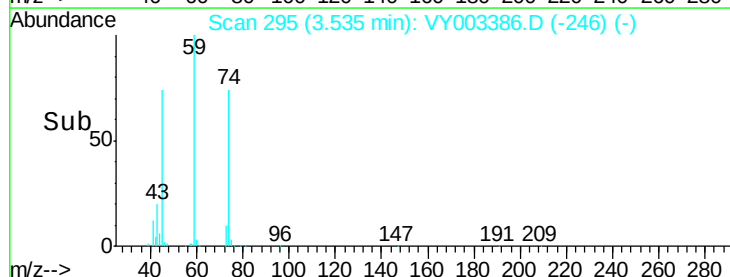
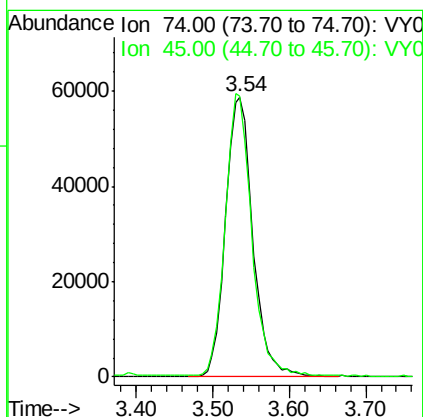
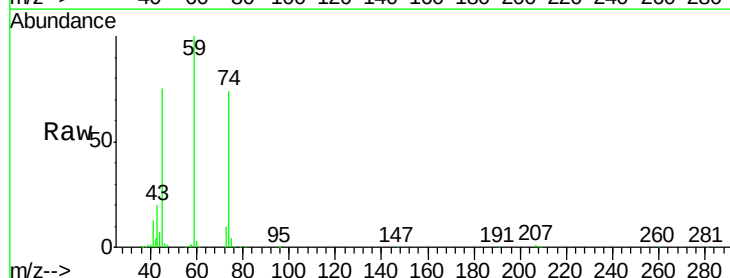
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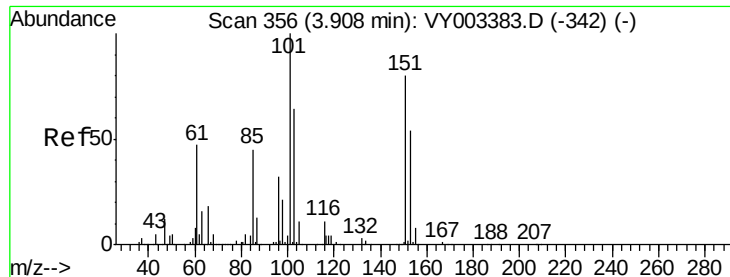


#8

Diethyl Ether
Concen: 50.206 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003386.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.283 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

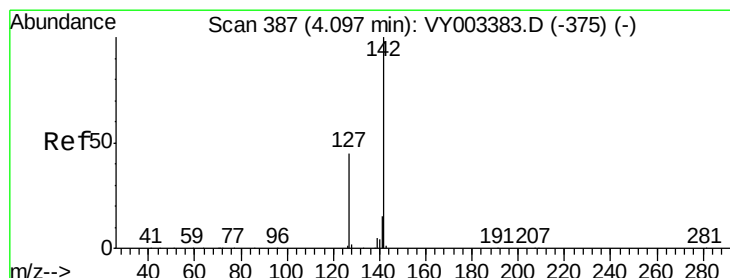
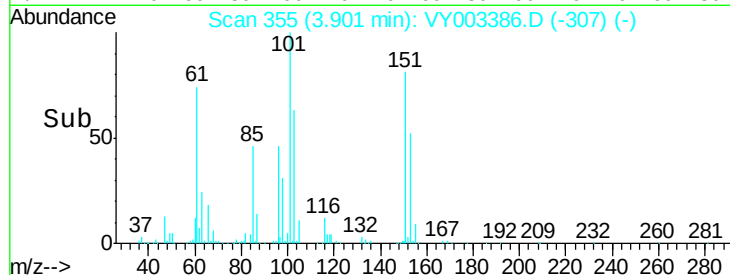
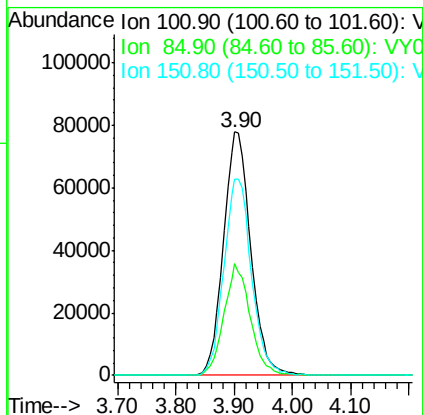
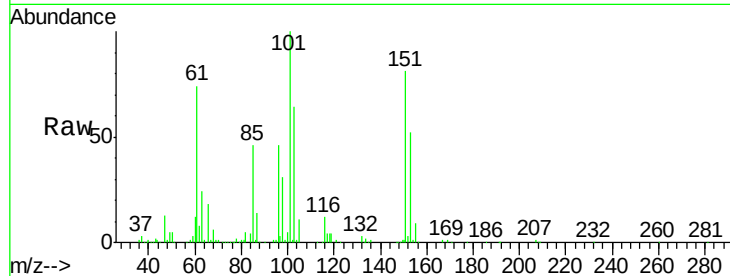
ClientSampleId :

ICVY073120

Tot Ion:	101	Resp:	253706
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.7	53.5
151	81.7	65.7	98.5

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#10

Methyl Iodide

Concen: 51.405 ug/l

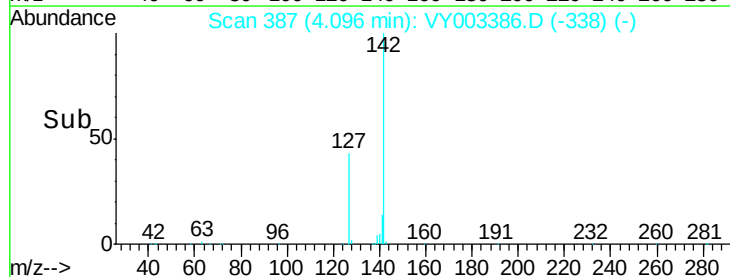
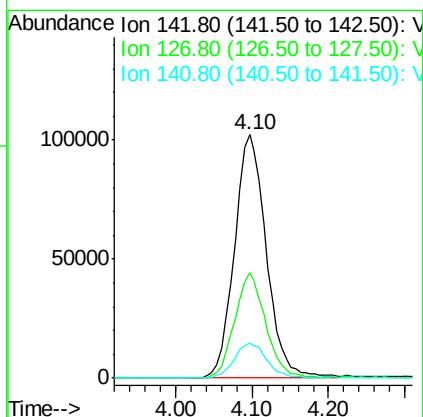
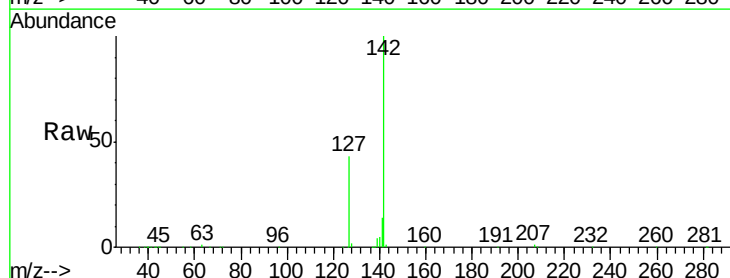
RT: 4.10 min Scan# 387

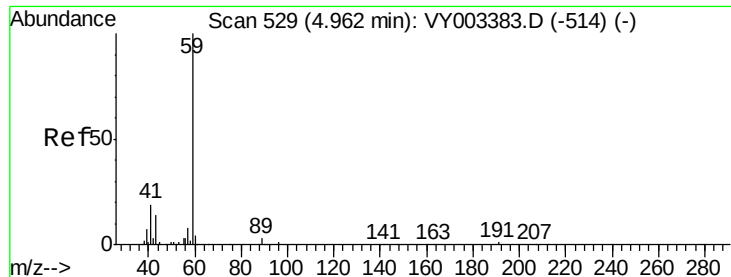
Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion:	142	Resp:	295228
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.6	52.0
141	14.6	11.4	17.0





#11

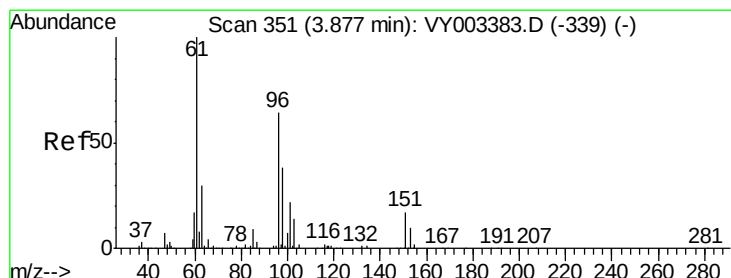
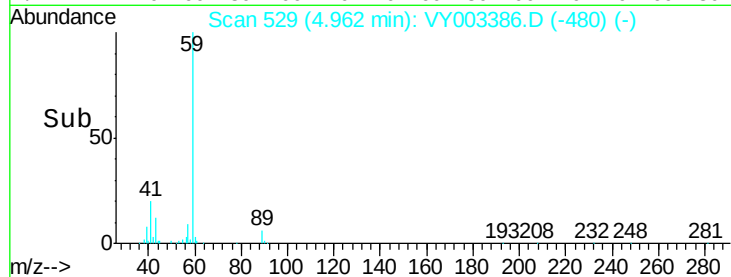
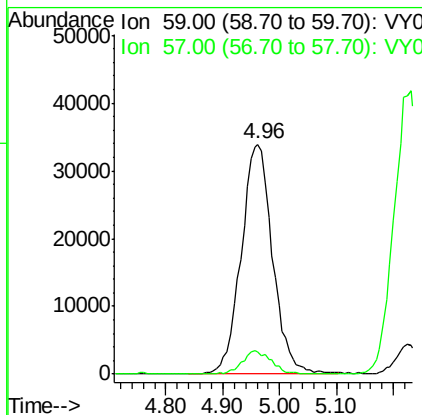
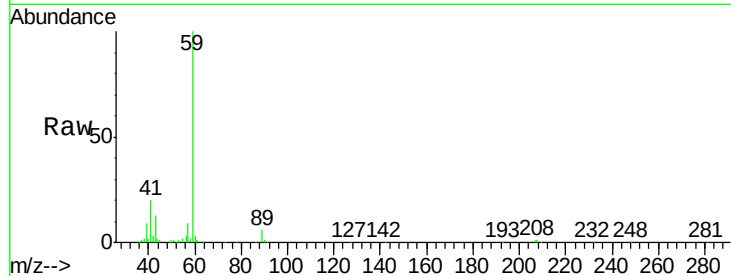
Tert butyl alcohol
 Concen: 256.983 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	130235		
57	57	9.4		8.0	12.0

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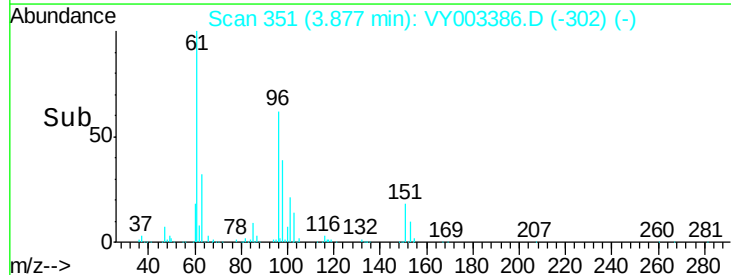
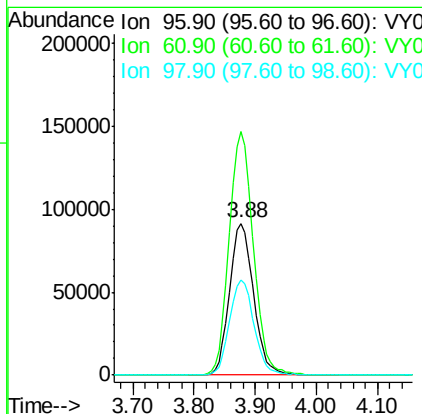
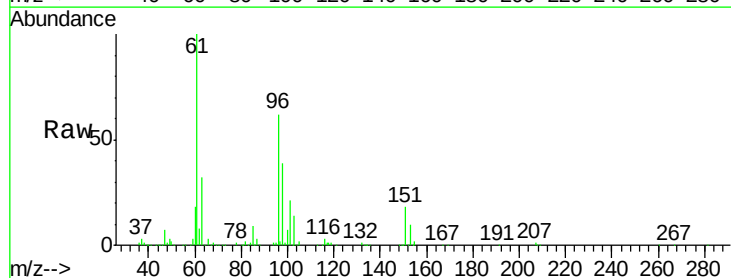
MMDadoda
 8/3/2020 12:37:33 PM

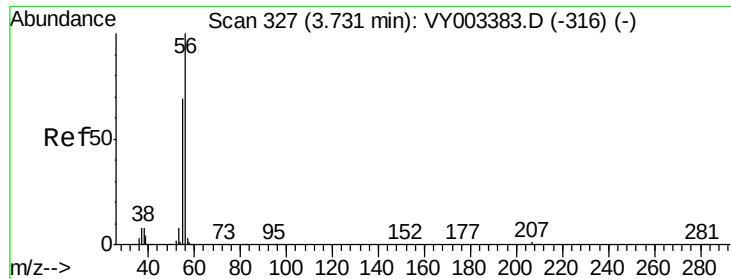


#12

1,1-Dichloroethene
 Concen: 51.466 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	246991		
61	61	160.6		124.7	187.1
98	98	62.7		47.4	71.2





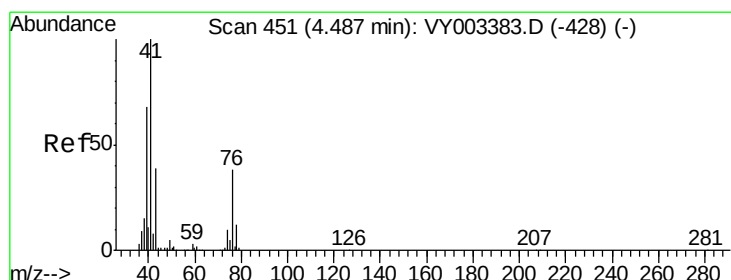
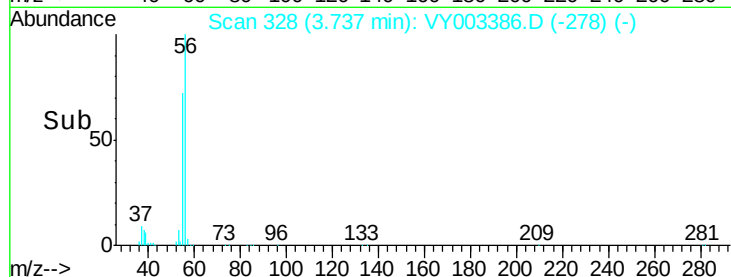
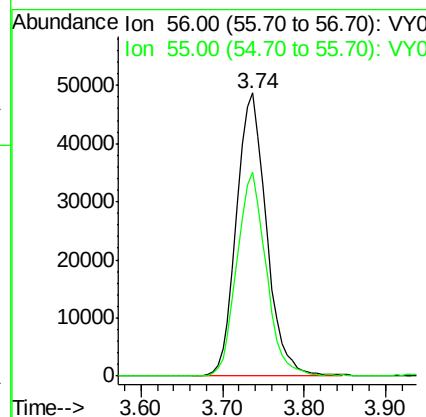
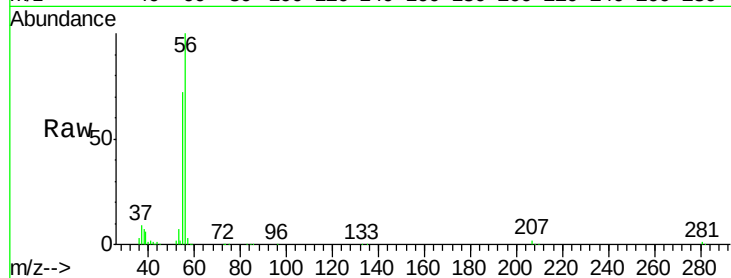
#13
 Acrolein
 Concen: 227.183 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.5	55.5	83.3

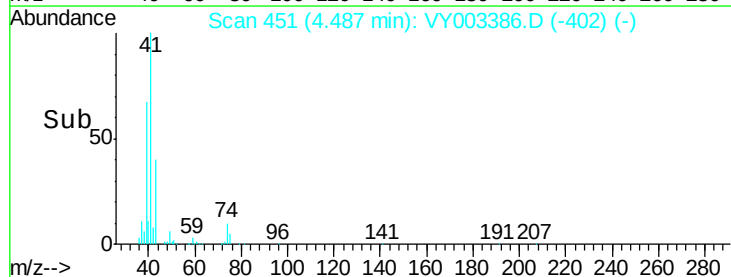
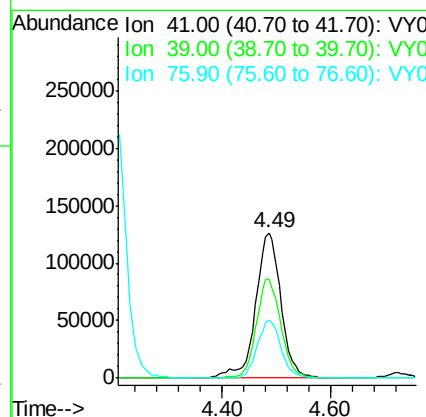
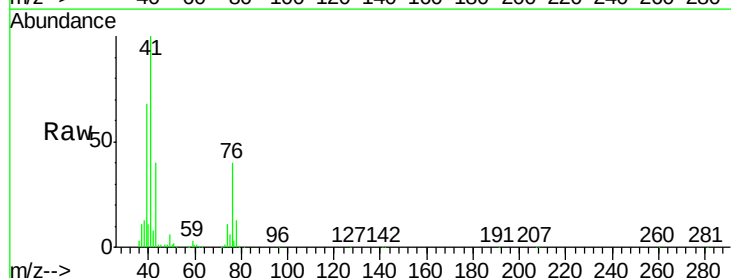
Manual Integrations
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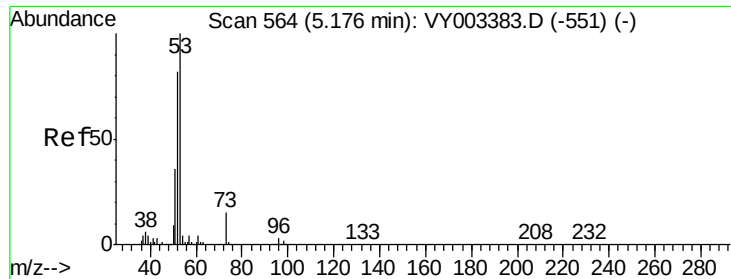
MMDadoda
 8/3/2020 12:37:33 PM



#14
 Allyl chloride
 Concen: 50.530 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.3	52.7	79.1
76	37.4	29.8	44.6





#15

Acrylonitrile

Concen: 255.018 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

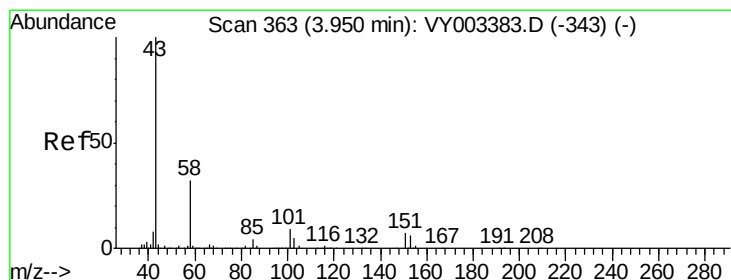
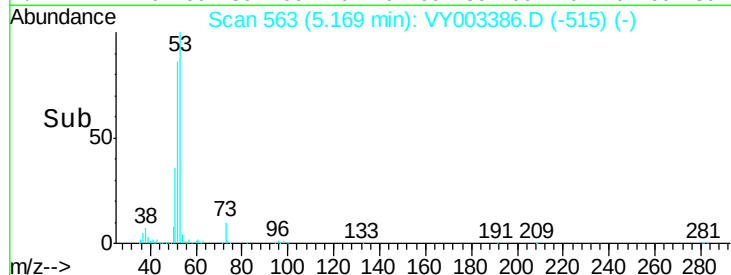
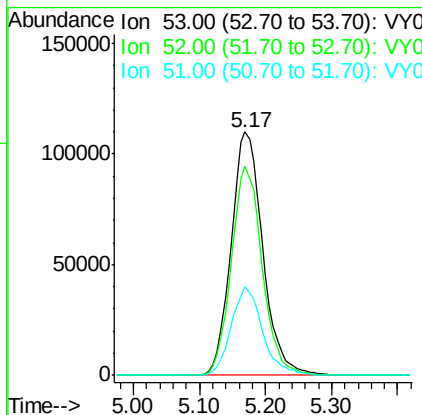
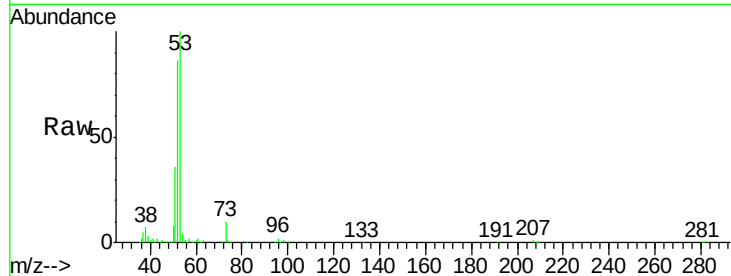
ClientSampleId :

ICVY073120

Tot Ion:	53	Resp:	364911
Ion Ratio	Lower	Upper	
53	100		
52	83.9	67.0	100.6
51	36.2	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 254.516 ug/l

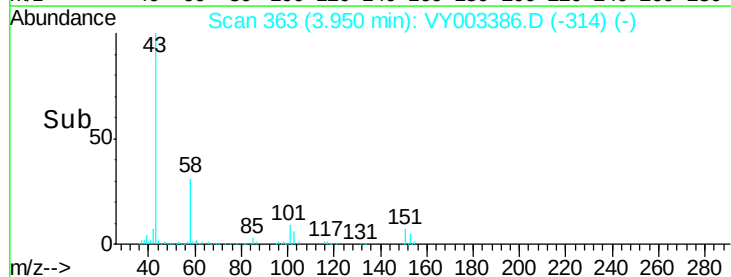
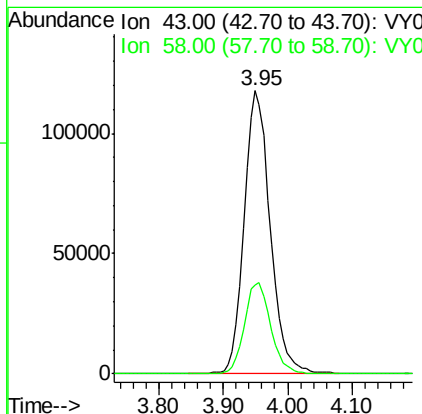
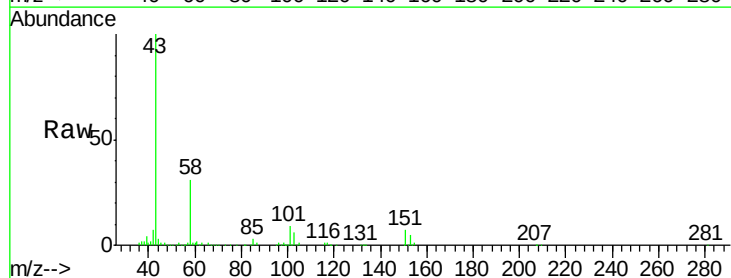
RT: 3.95 min Scan# 363

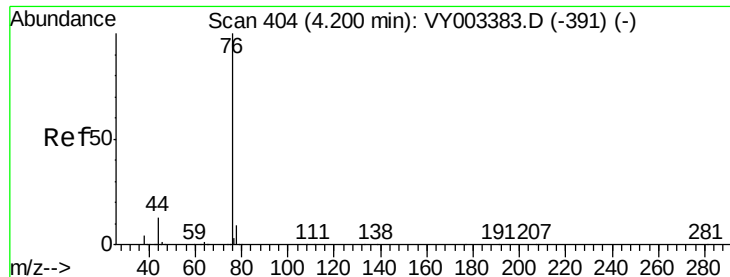
Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion:	43	Resp:	325757
Ion Ratio	Lower	Upper	
43	100		
58	31.2	25.4	38.2





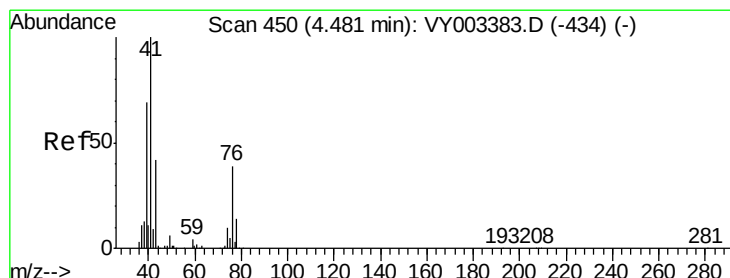
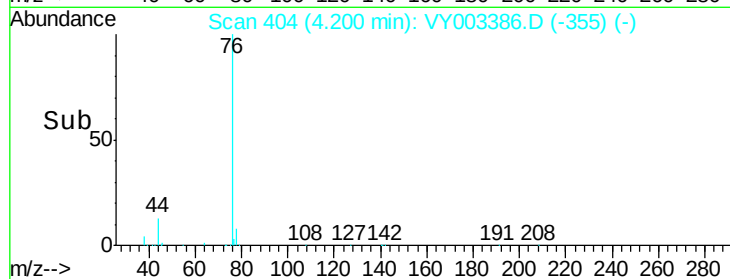
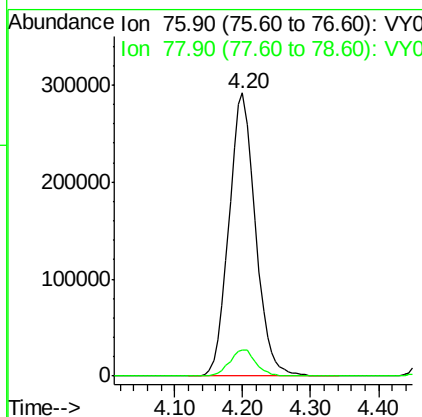
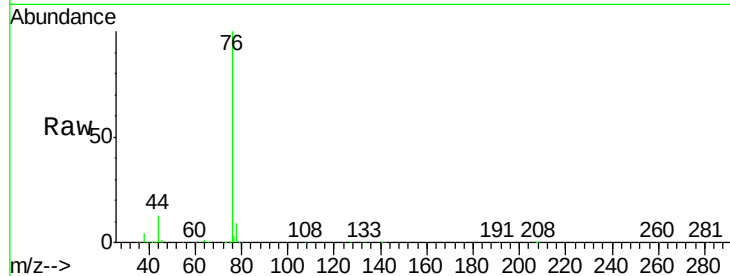
#17
Carbon Disulfide
Concen: 50.520 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

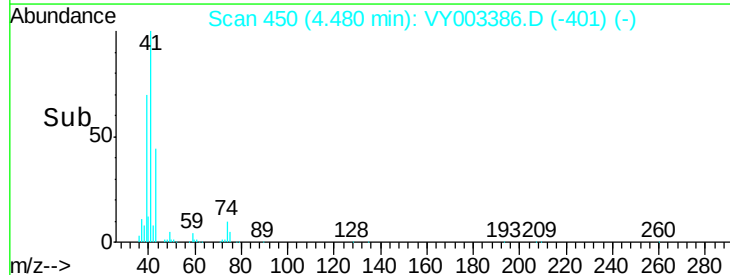
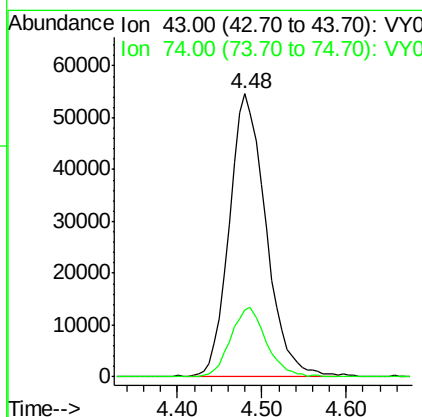
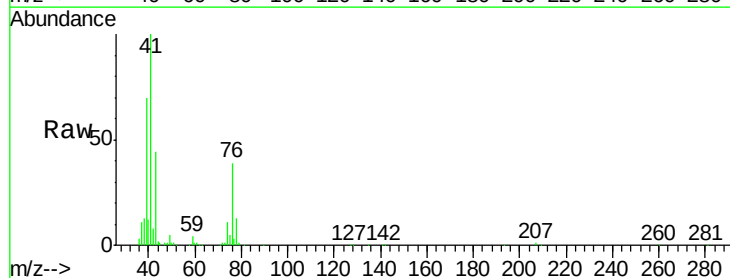
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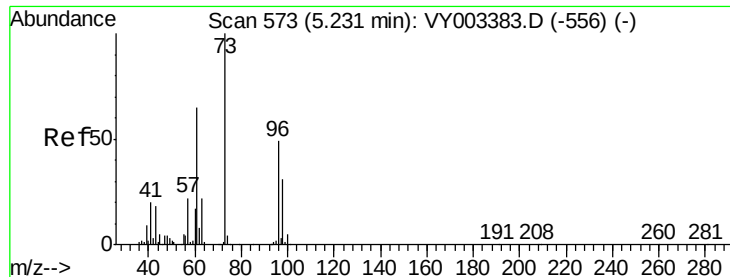
MMDadoda
8/3/2020 12:37:33 PM



#18
Methyl Acetate
Concen: 47.810 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.2	28.8





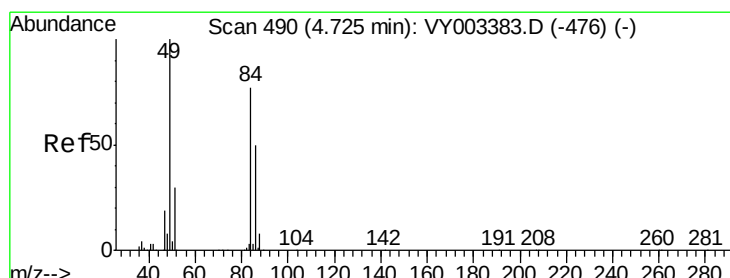
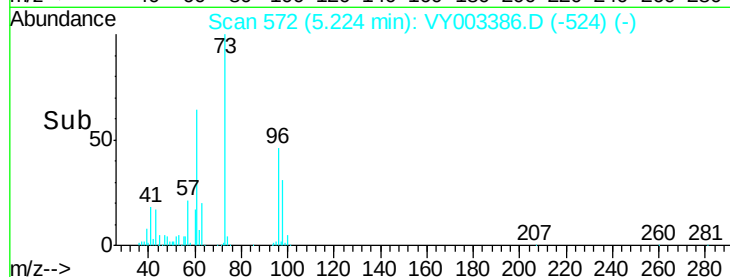
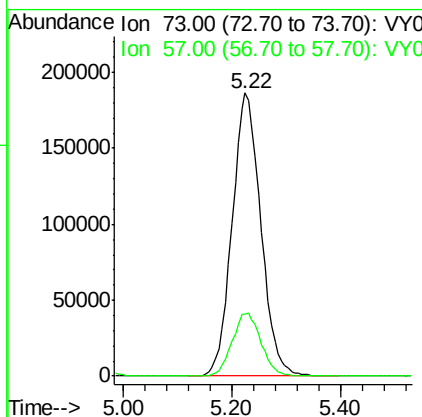
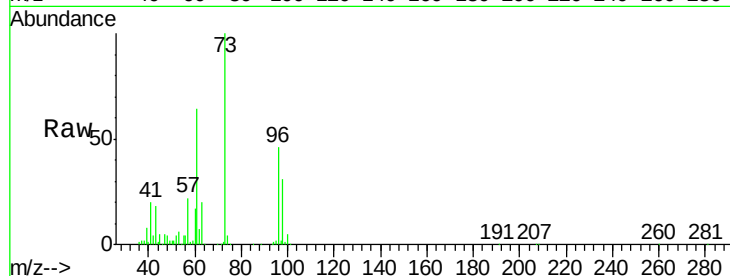
#19
Methyl tert-butyl Ether
Concen: 51.543 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.8

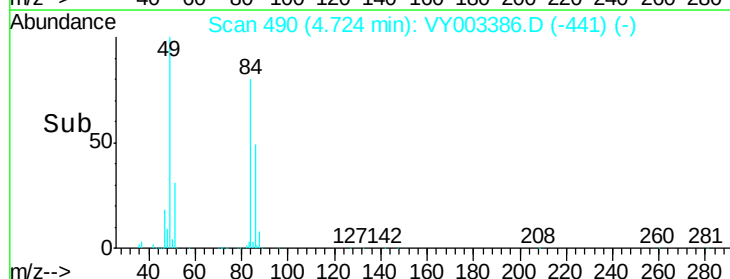
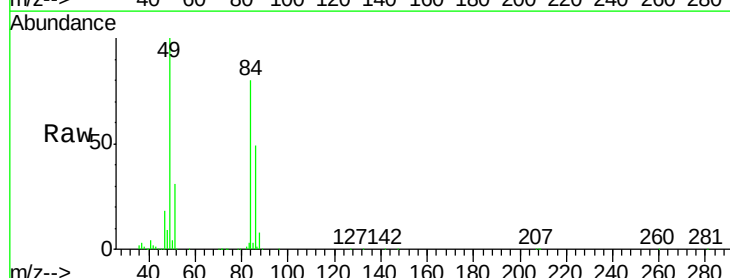
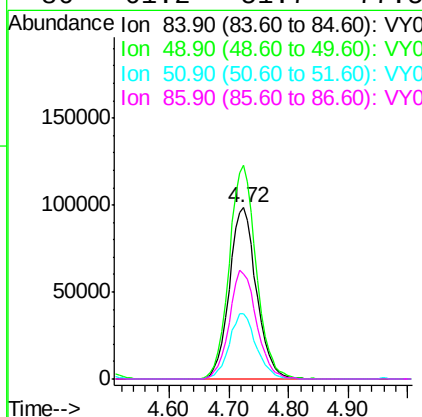
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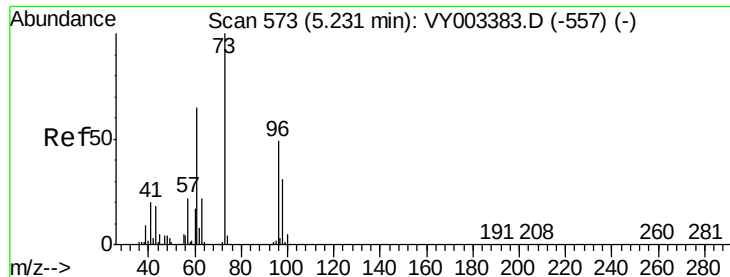
MMDadoda
8/3/2020 12:37:33 PM



#20
Methylene Chloride
Concen: 48.191 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	104.2	156.4
51	38.3	31.5	47.3
86	61.2	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 50.757 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

Tot Ion: 96 Resp: 275368

Ion Ratio Lower Upper

96 100

61 135.3 106.3 159.5

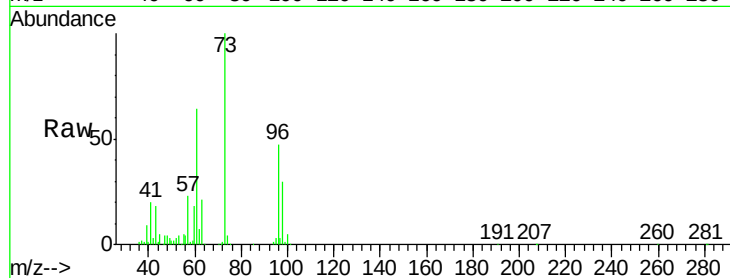
98 62.5 50.8 76.2

Manual Integrations

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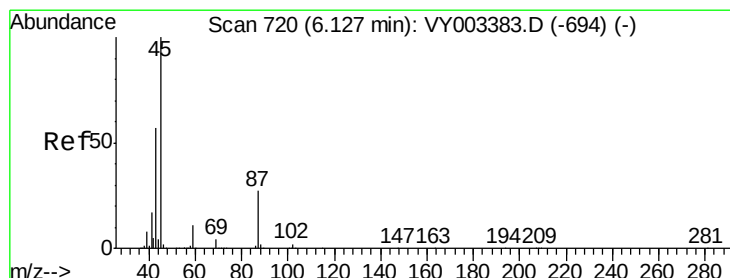
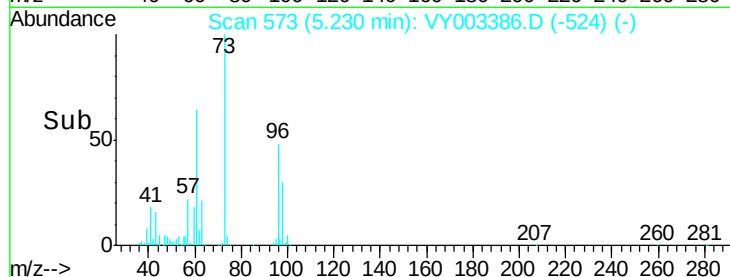
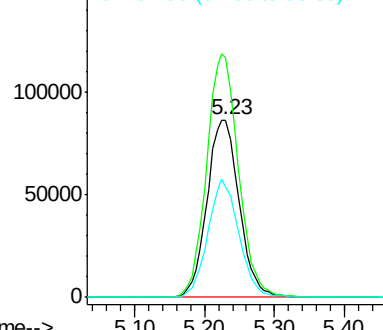


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 50.669 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion: 45 Resp: 855687

Ion Ratio Lower Upper

45 100

43 53.4 45.6 68.4

87 26.6 21.3 31.9

59 11.1 9.0 13.4

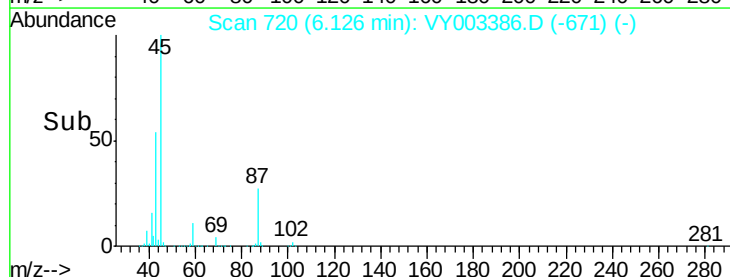
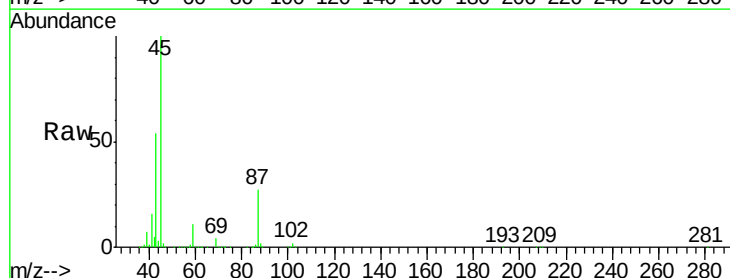
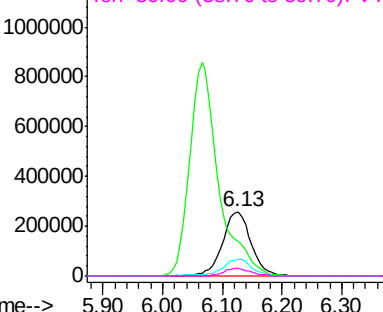
Abundance

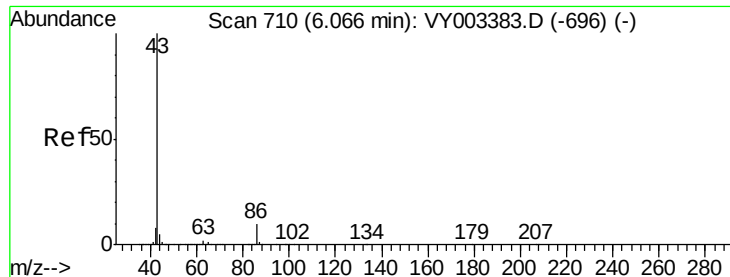
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 260.871 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

Tot Ion: 43 Resp: 2886139

Ion Ratio Lower Upper

43 100

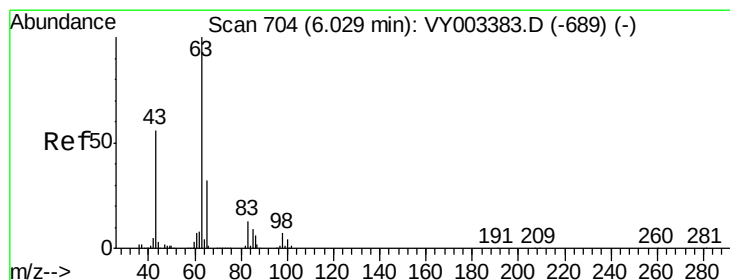
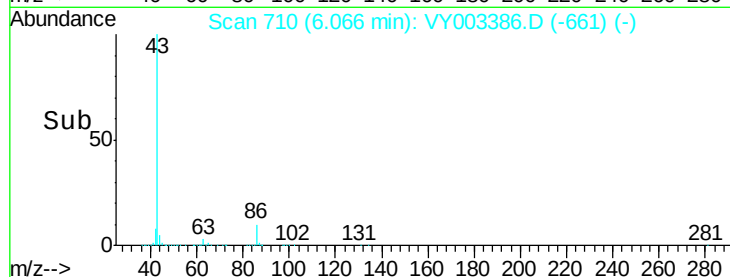
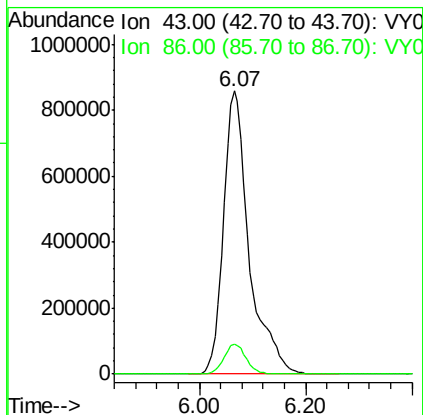
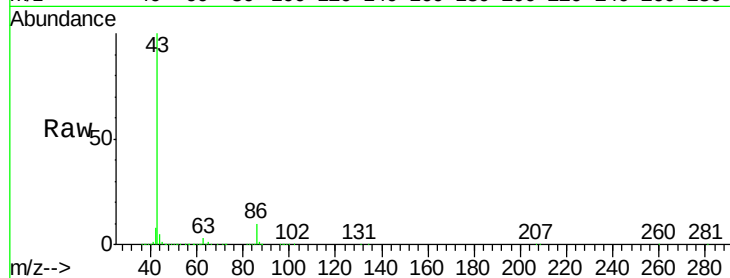
86 10.5 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.649 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

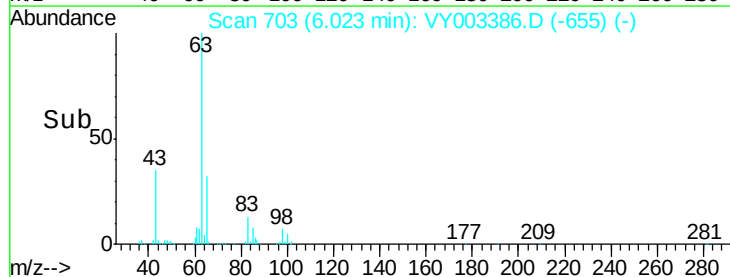
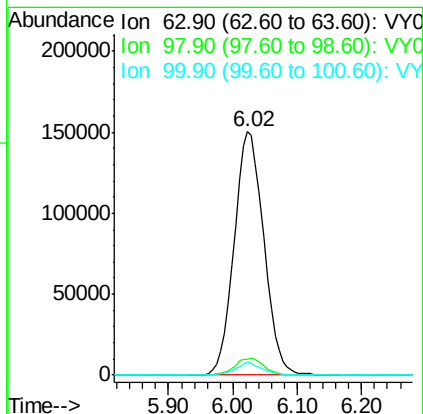
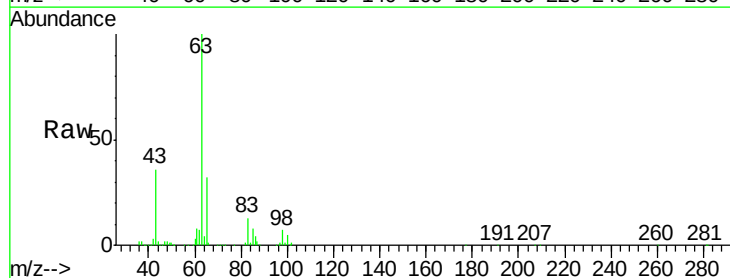
Tgt Ion: 63 Resp: 479331

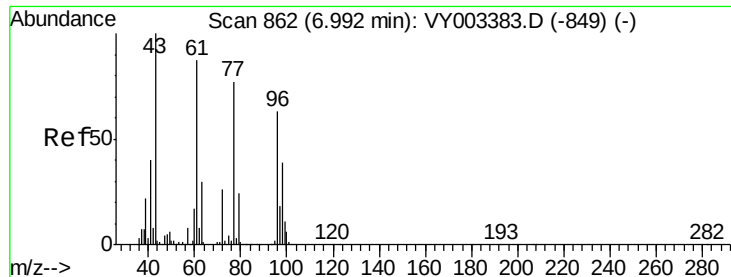
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 5.2 2.2 6.6





#25

2-Butanone

Concen: 253.067 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY073120

Tot Ion: 43 Resp: 493601

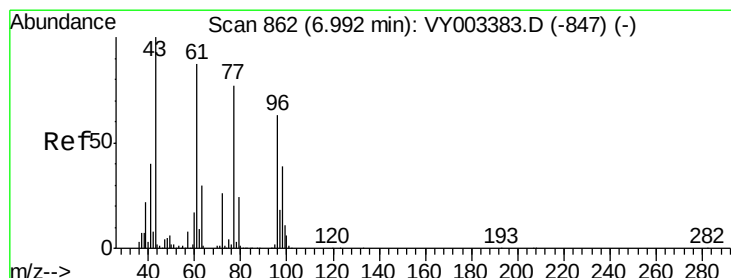
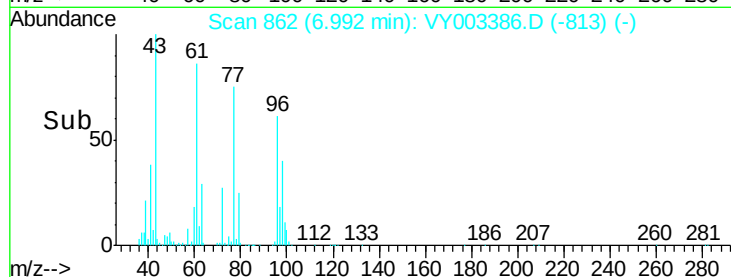
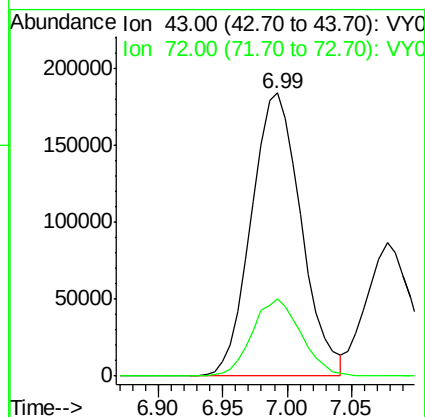
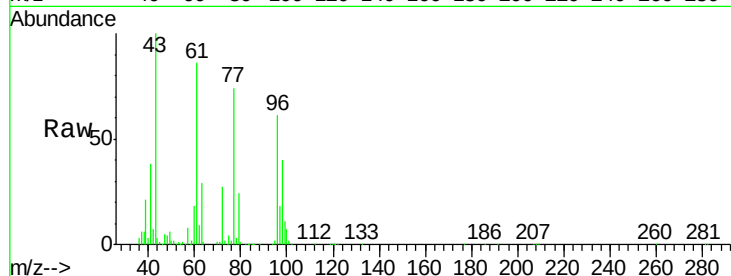
Ion Ratio Lower Upper

43 100

72 27.5 21.1 31.7

Manual Integrations
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8/3/2020 12:37:33 PM



#26

2,2-Dichloropropane

Concen: 51.567 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003386.D

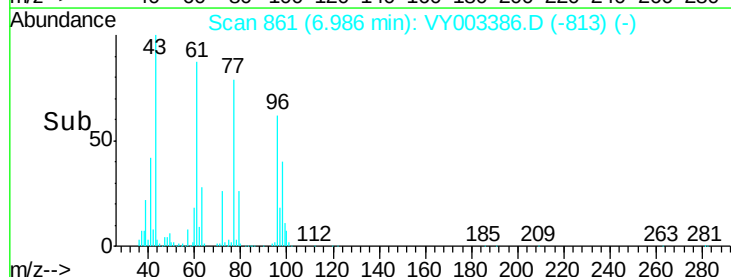
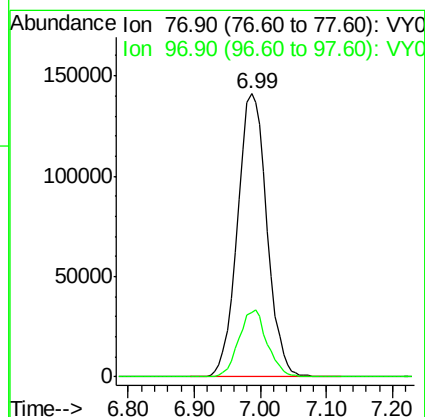
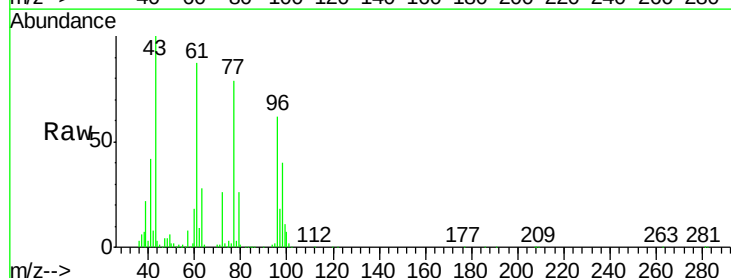
Acq: 31 Jul 2020 13:34

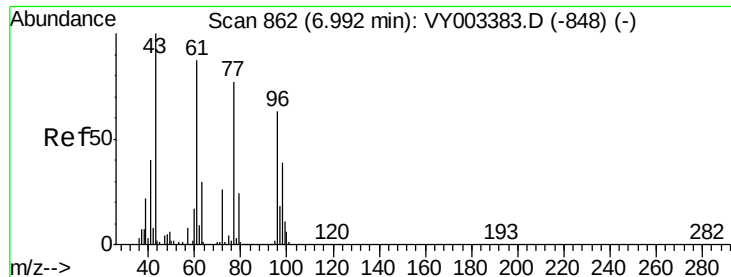
Tgt Ion: 77 Resp: 435451

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

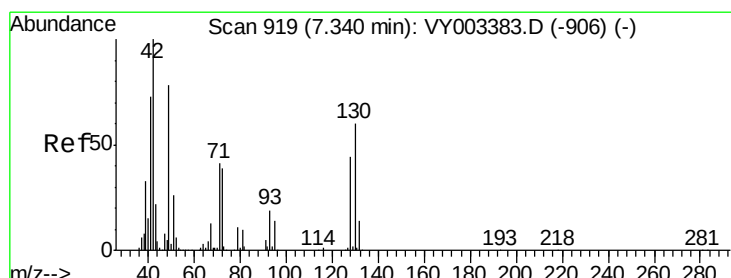
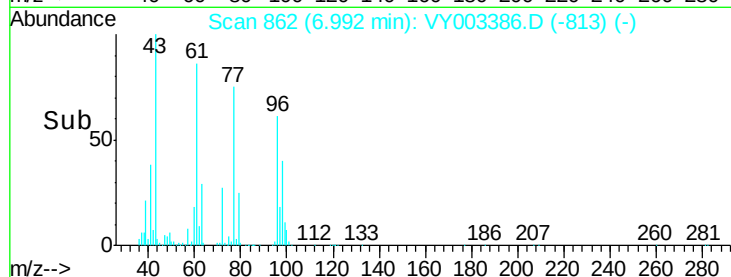
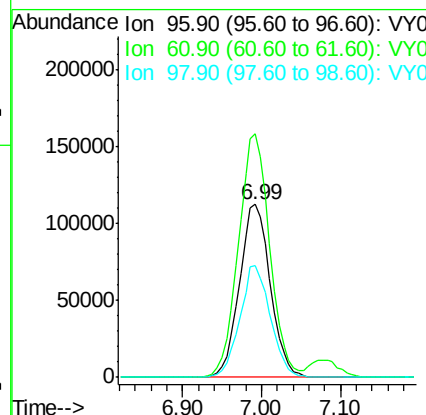
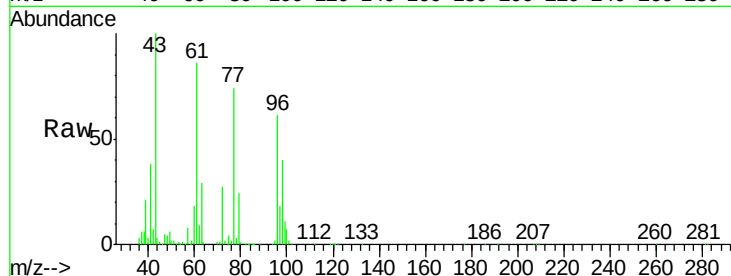
cis-1,2-Dichloroethene
Concen: 51.440 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	290.0
98	63.9	0.0	129.0

Manual Integrations
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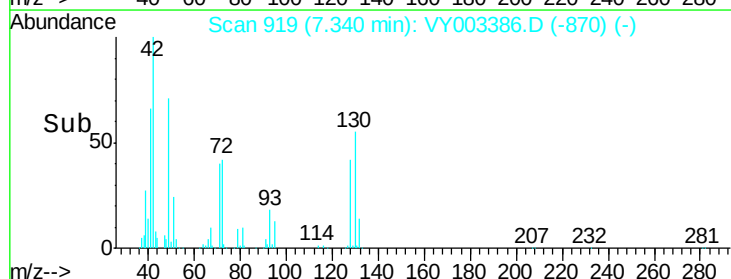
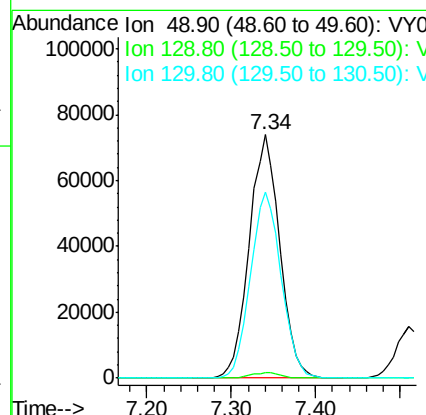
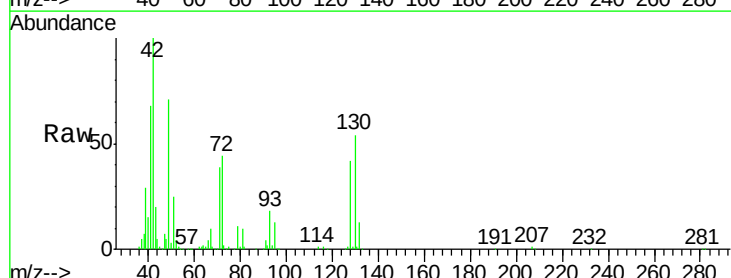
MMDadoda
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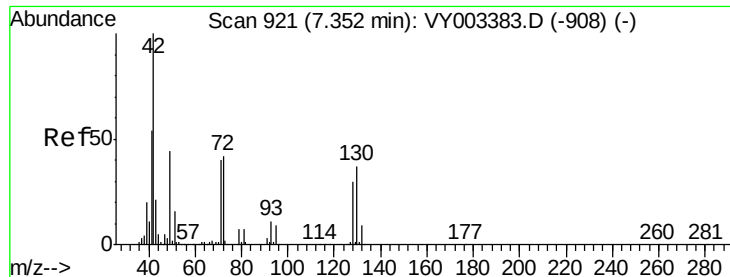


#28

Bromochloromethane
Concen: 49.157 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	76.9	60.3	90.5





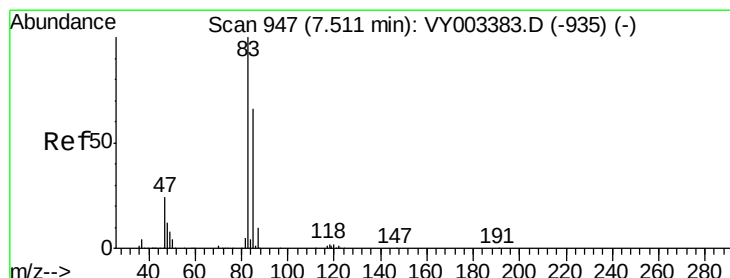
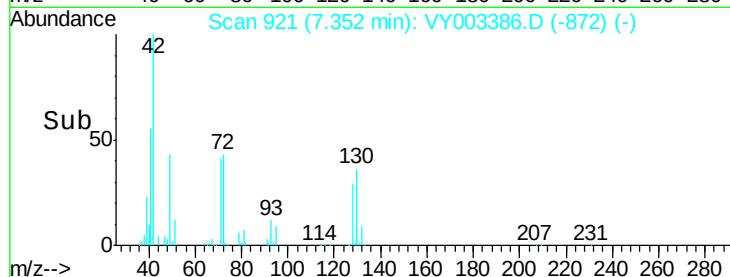
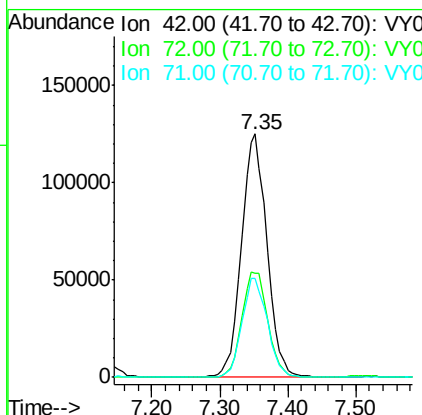
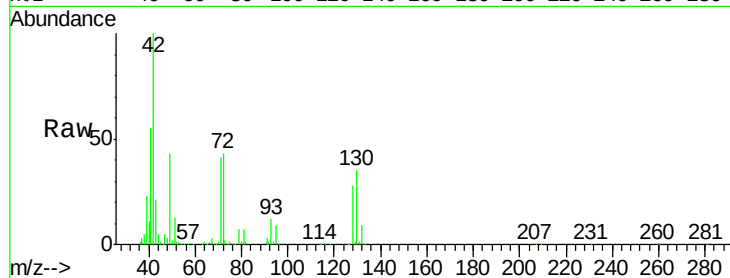
#29
Tetrahydrofuran
Concen: 255.717 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	33.5	50.3
71	40.5	32.1	48.1

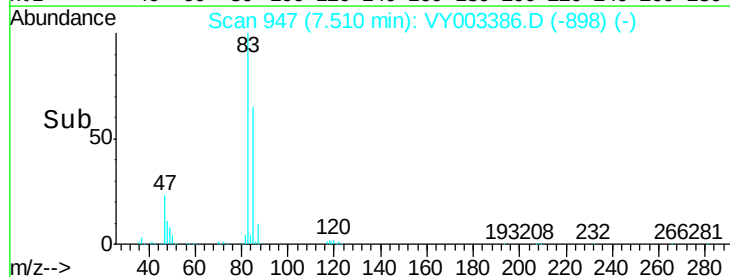
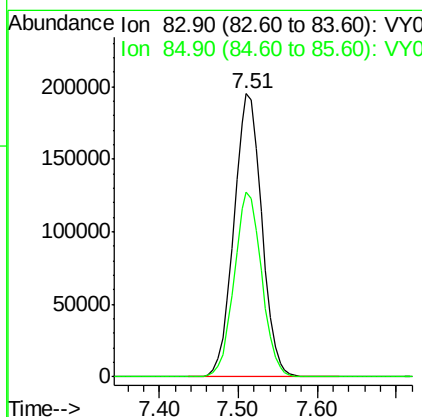
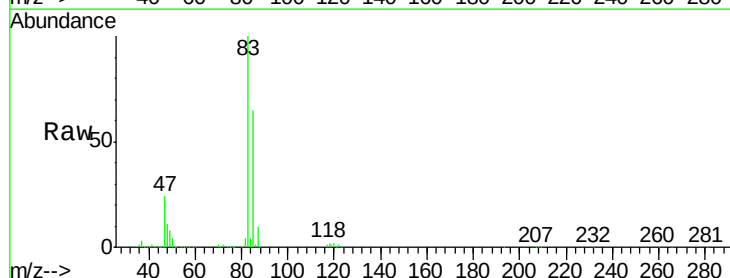
Manual Integrations
APPROVED

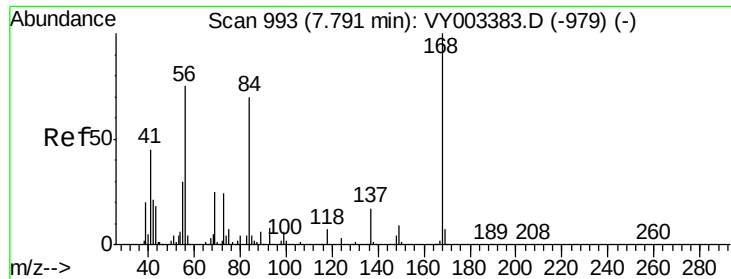
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#30
Chloroform
Concen: 51.084 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.5	78.7





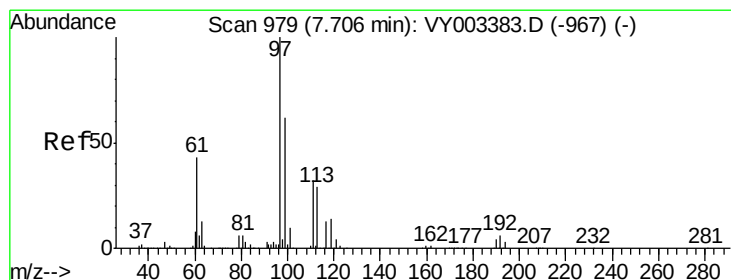
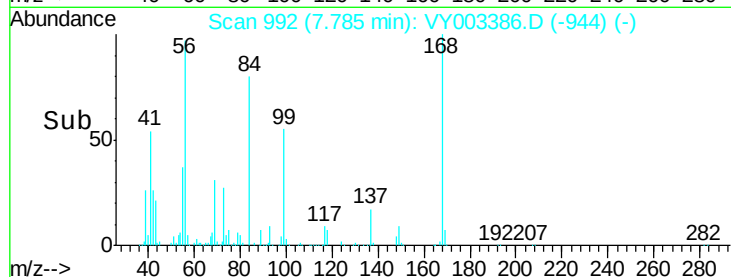
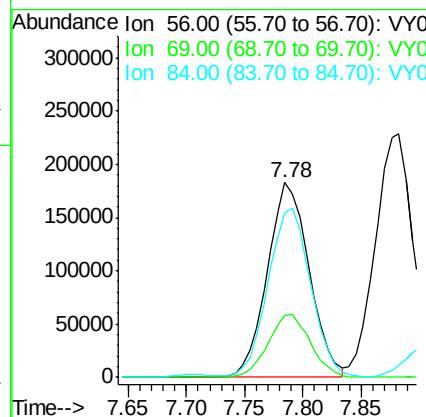
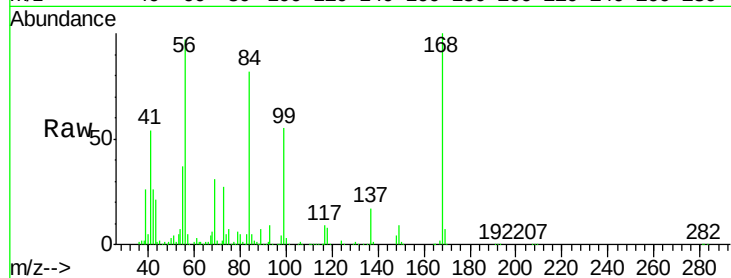
#31
Cyclohexane
Concen: 49.391 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.1	39.1
84	82.7	73.9	110.9

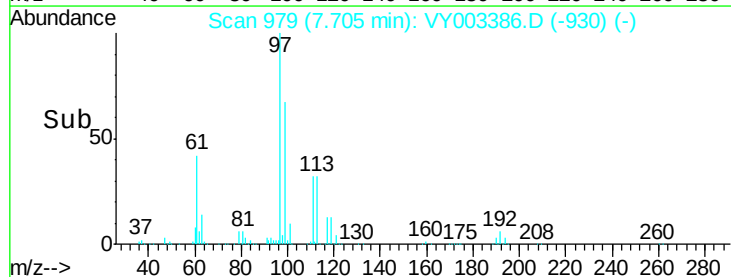
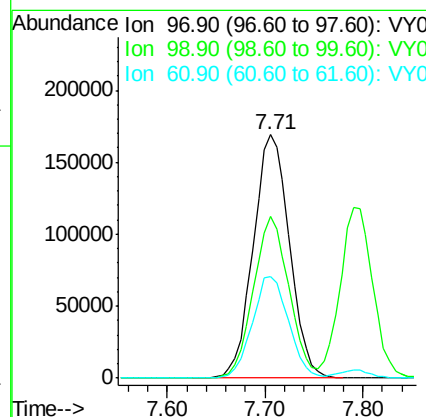
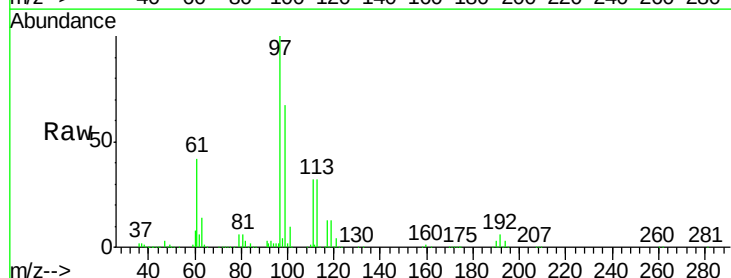
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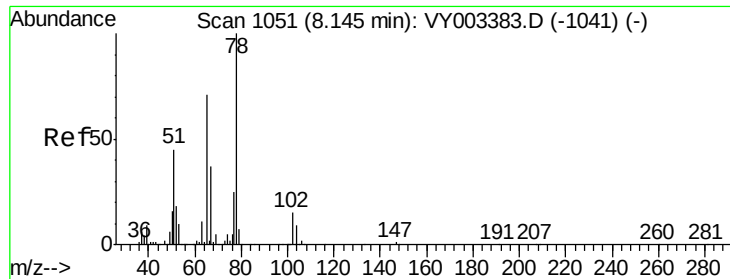
MMDadoda
8/3/2020 12:37:33 PM



#32
1,1,1-Trichloroethane
Concen: 50.734 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.9	76.3
61	42.0	33.7	50.5





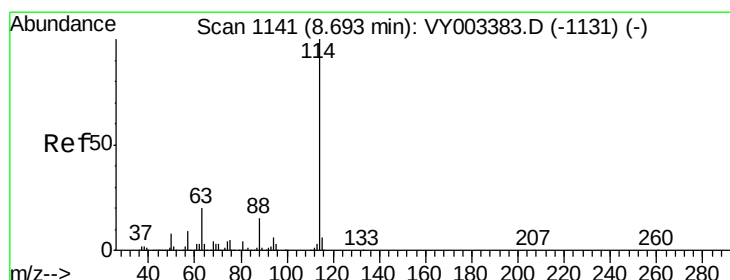
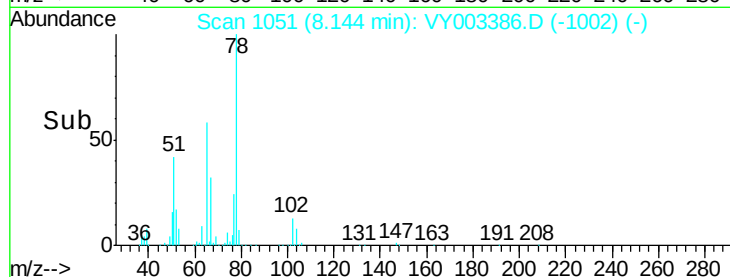
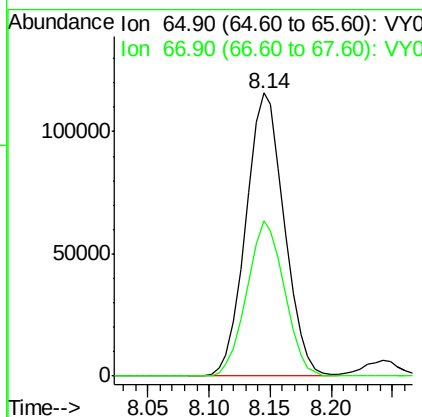
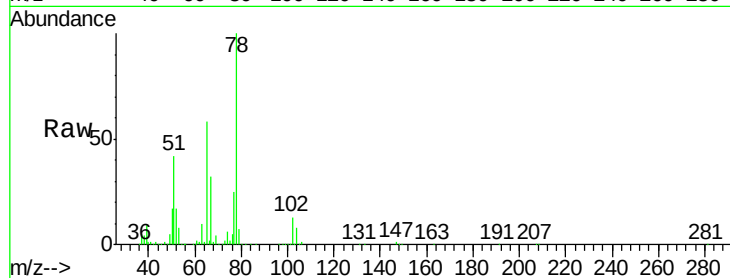
#33
 1,2-Dichloroethane-d4
 Concen: 48.912 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Tot Ion	Ratio	Resp	Lower	Upper
65	100	253372		
67	53.8	0.0	106.6	

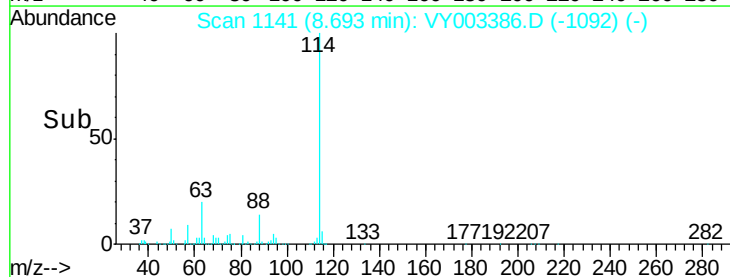
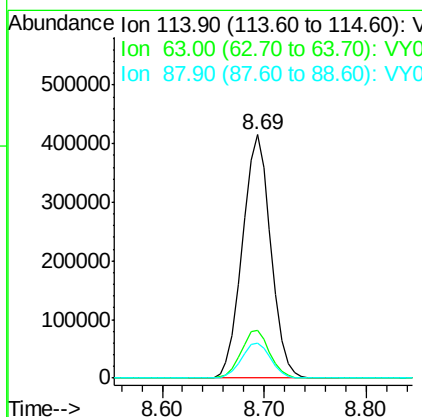
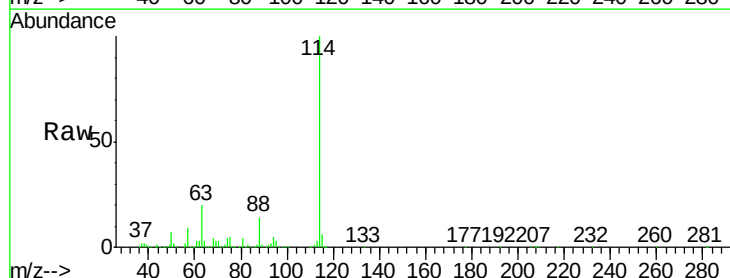
Manual Integrations
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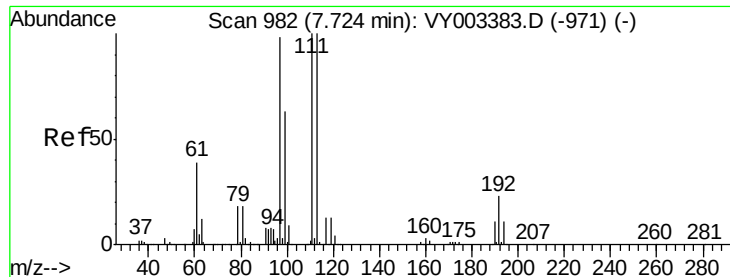
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	802214		
63	19.7	0.0	40.6	
88	14.2	0.0	29.2	





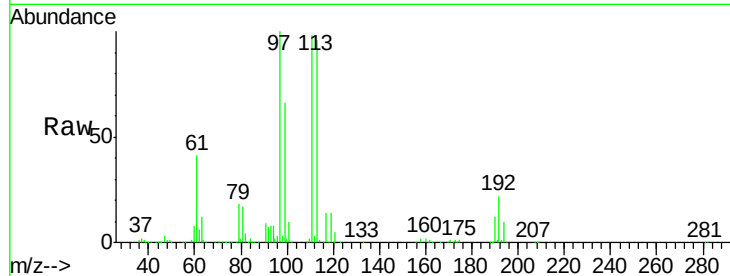
#35
 Dibromofluoromethane
 Concen: 50.012 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

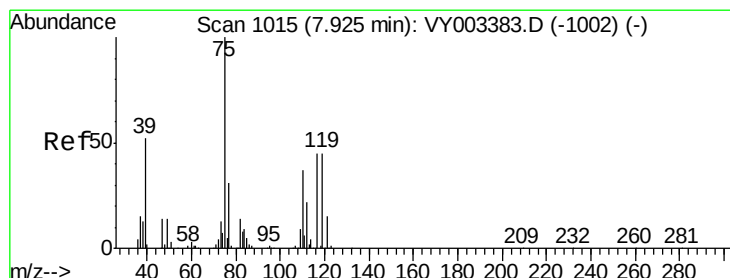
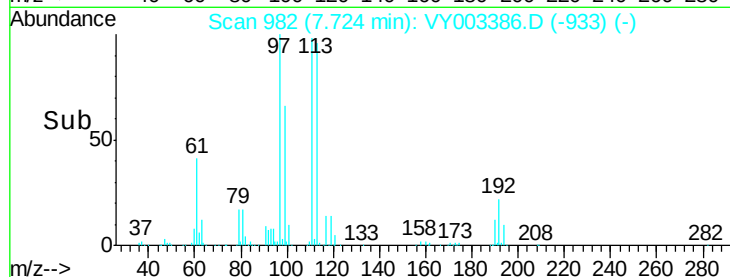
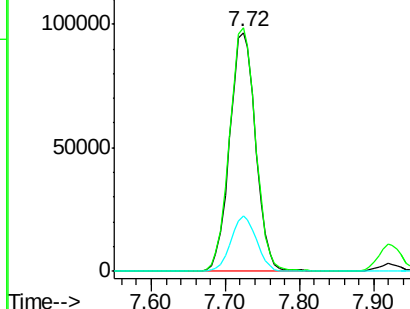
Tot Ion	Ratio	Resp	Lower	Upper
113	100	236334		
111	102.1	83.0	124.4	
192	22.8	18.8	28.2	

Manual Integrations
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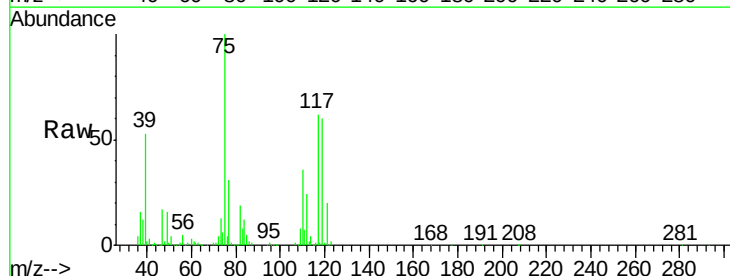


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

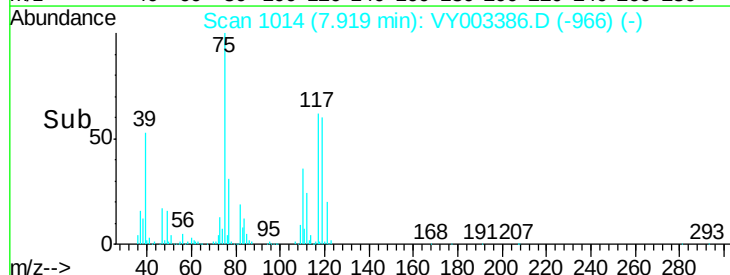
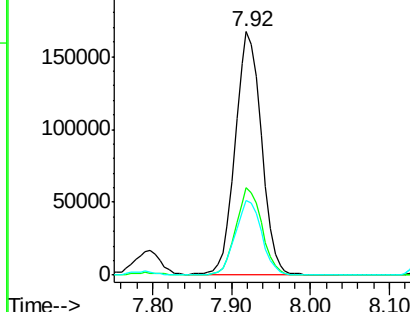


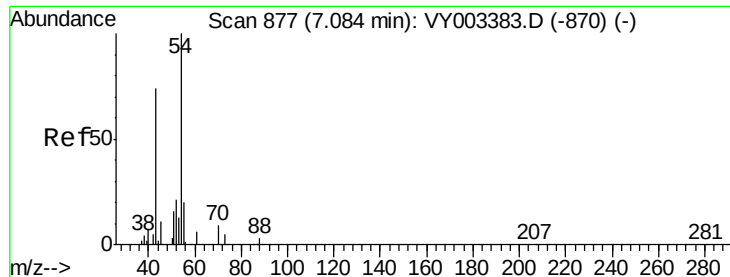
#36
 1,1-Dichloropropene
 Concen: 50.753 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	385285		
110	35.6	17.8	53.5	
77	31.0	24.6	36.8	



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0





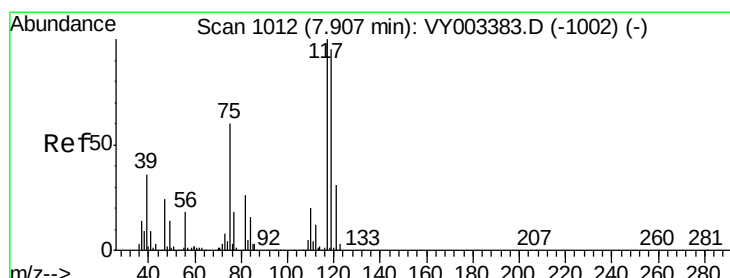
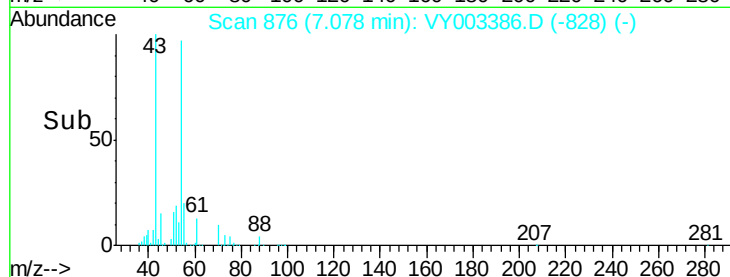
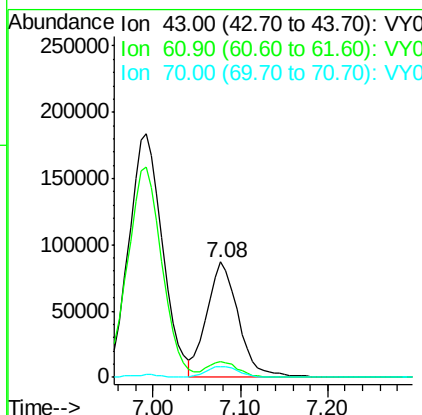
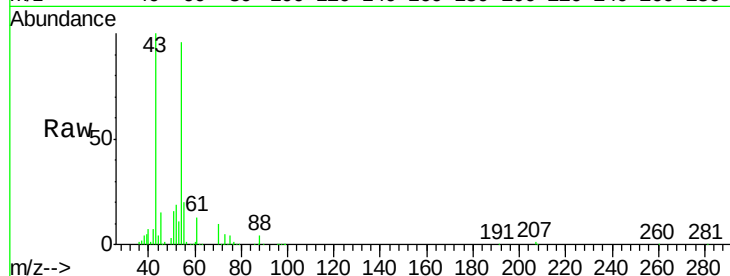
#37
Ethyl Acetate
Concen: 50.654 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.2	16.8
70	10.1	7.7	11.5

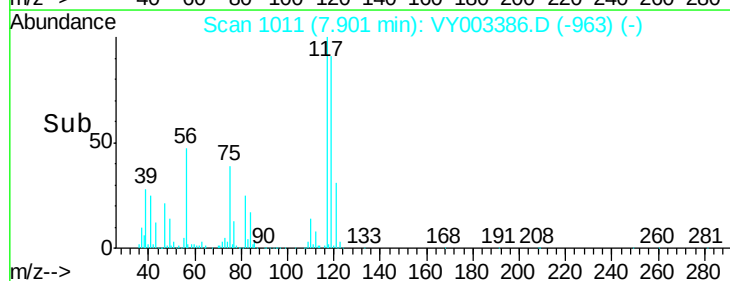
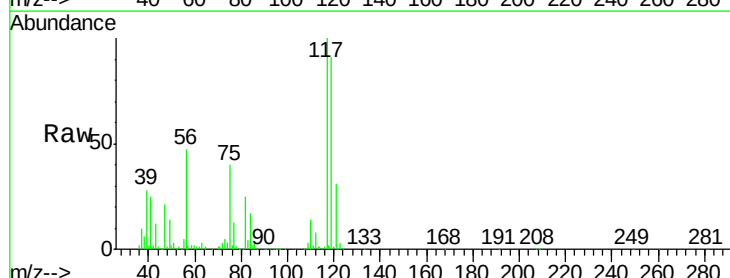
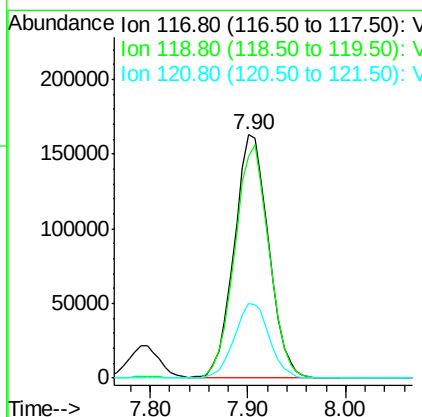
Manual Integrations
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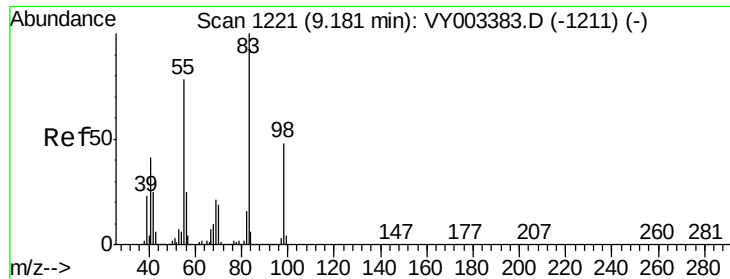
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#38
Carbon Tetrachloride
Concen: 51.010 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	76.1	114.1
121	30.9	24.5	36.7





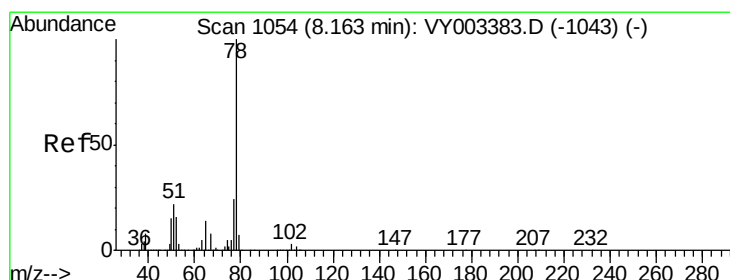
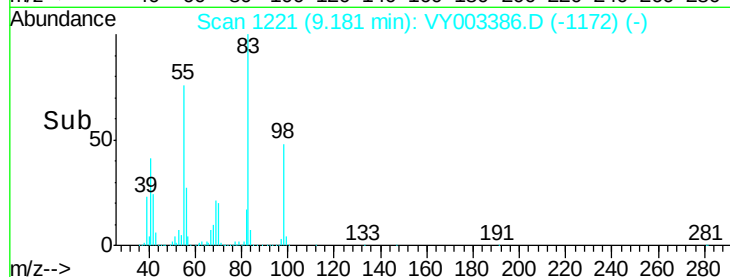
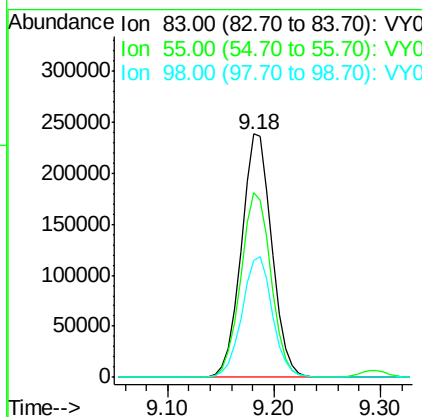
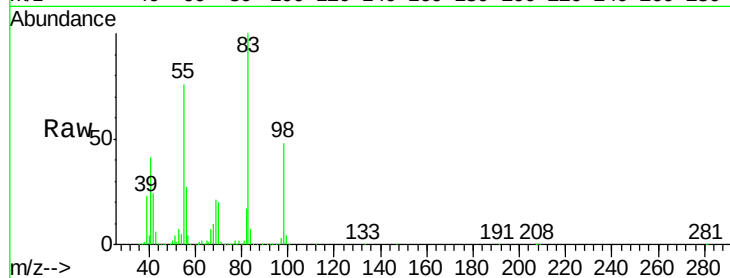
#39
Methylvlcyclohexane
Concen: 51.850 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	62.2	93.4
98	48.0	38.7	58.1

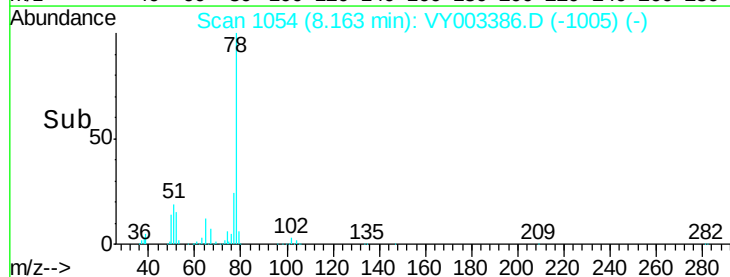
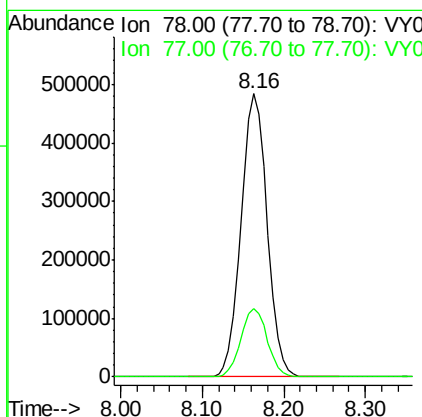
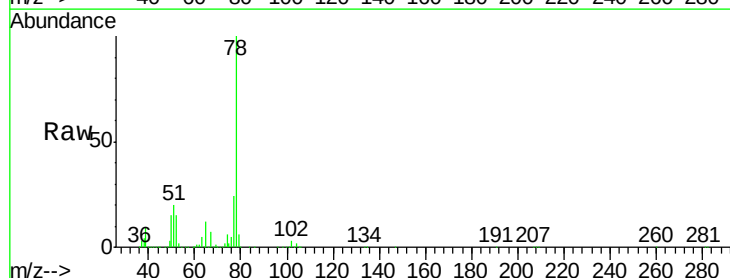
Manual Integrations
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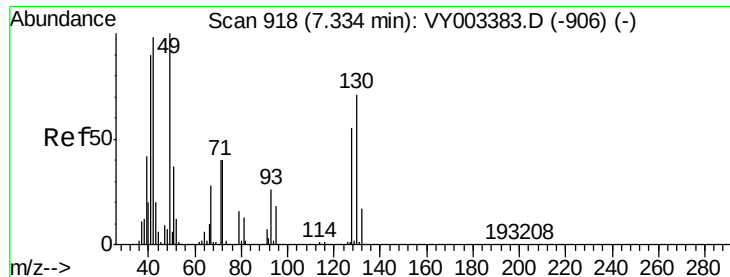
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#40
Benzene
Concen: 50.717 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





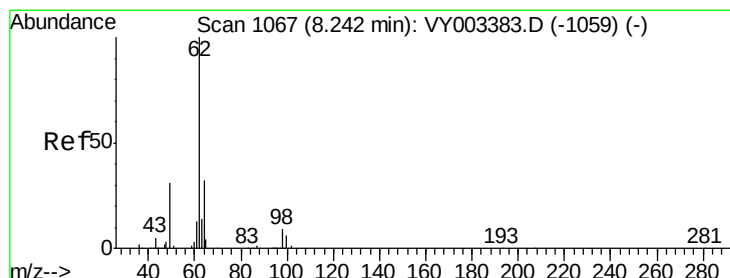
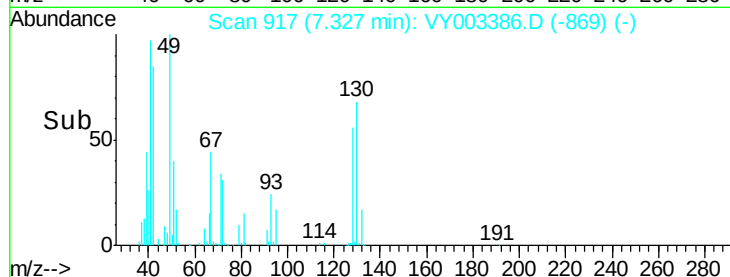
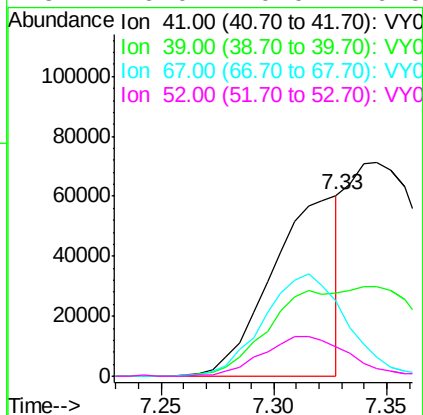
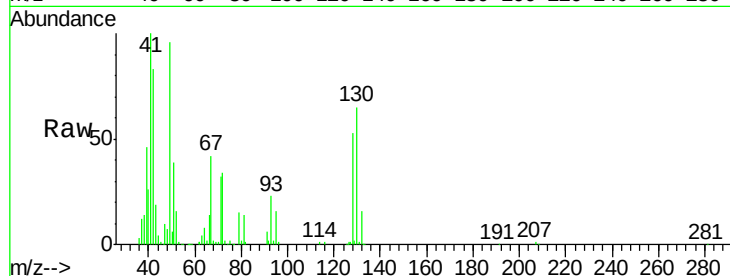
#41
Methacrylonitrile
Concen: 50.544 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion	41	Resp	125077
Ion	Ratio	Lower	Upper
41	100		
39	108.2	78.3	117.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

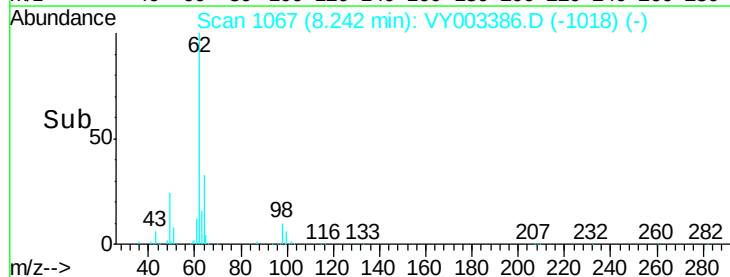
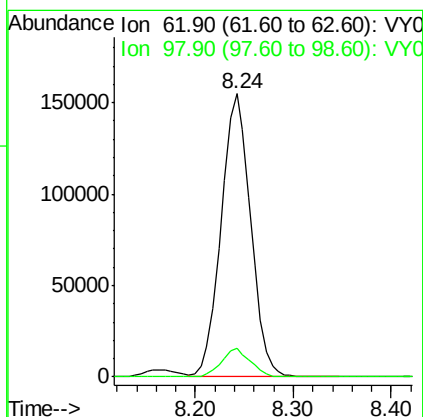
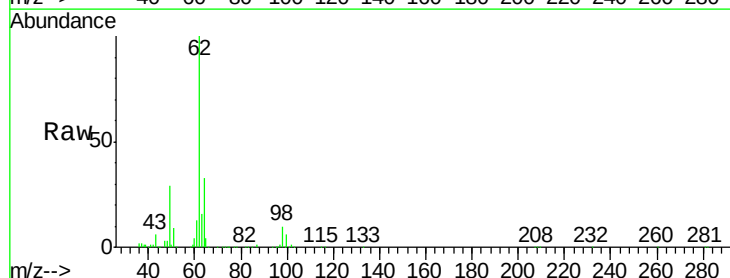
Manual Integrations
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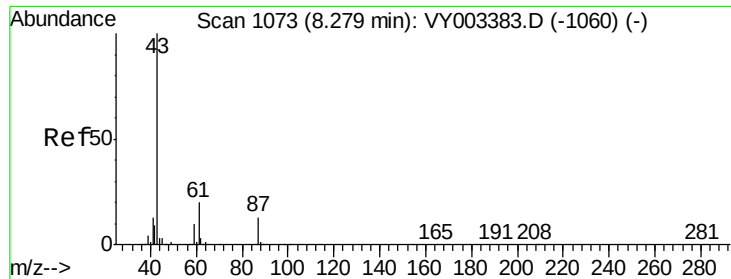
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8/3/2020 12:37:33 PM



#42
1,2-Dichloroethane
Concen: 50.612 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	62	Resp	324675
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0





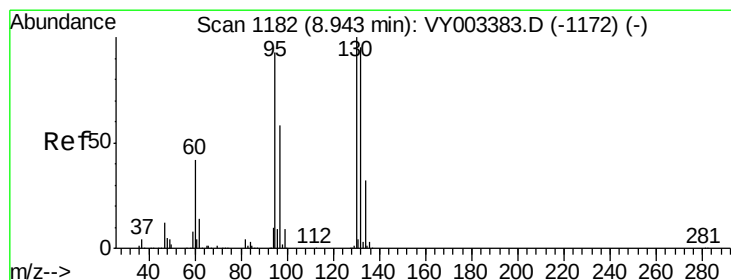
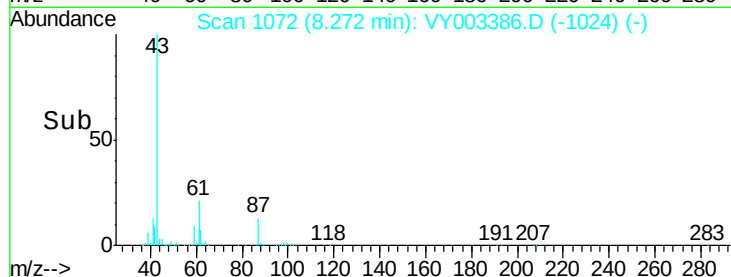
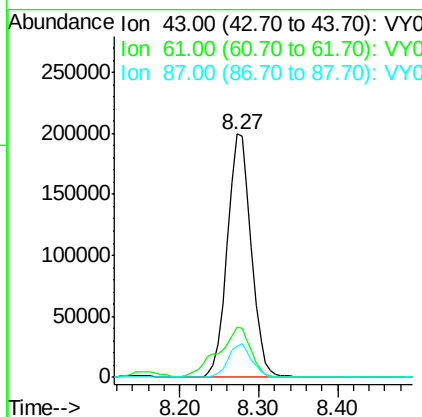
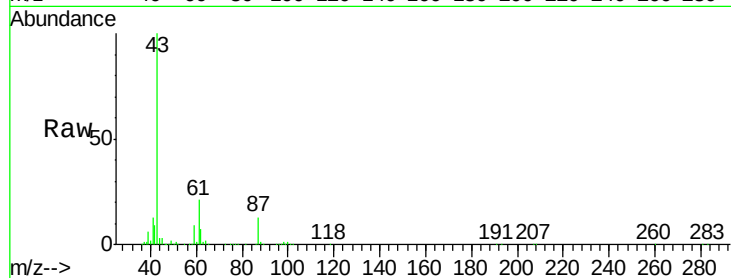
#43
Isopropyl Acetate
Concen: 51.343 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.2	23.0	34.4
87	13.4	10.5	15.7

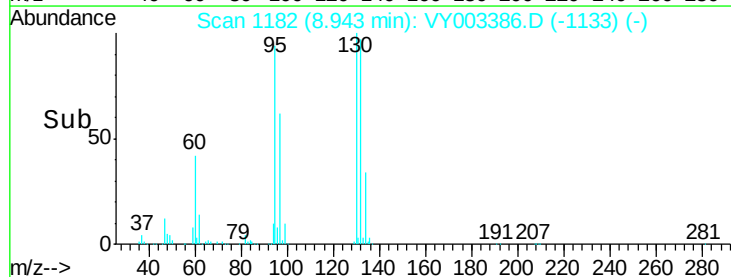
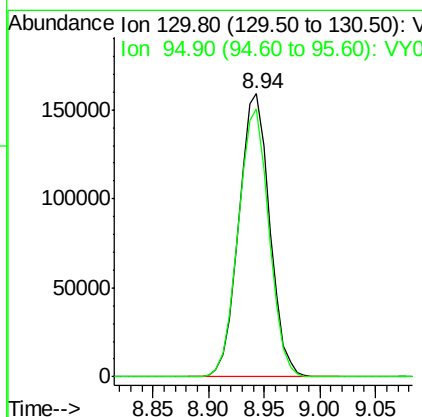
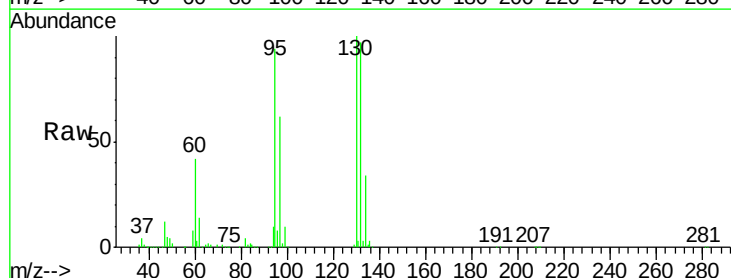
Manual Integrations
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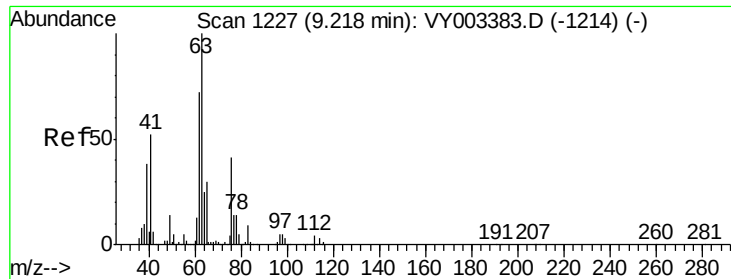
MMDadoda
8/3/2020 12:37:33 PM



#44
Trichloroethene
Concen: 50.422 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	186.8





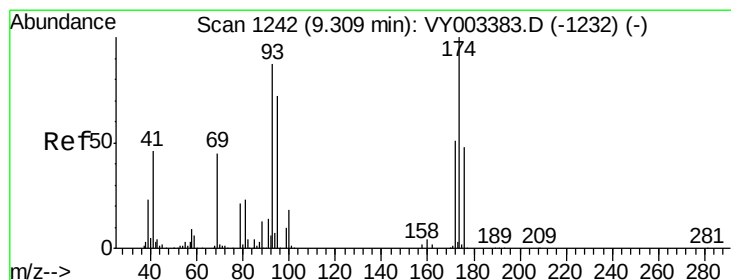
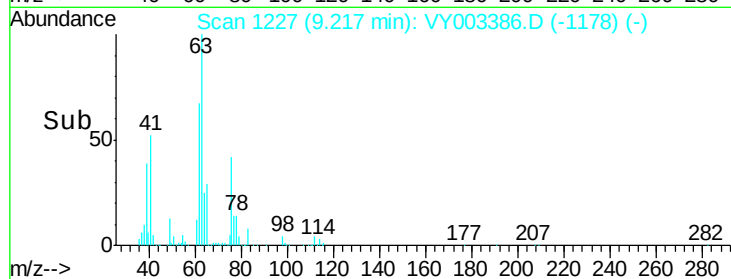
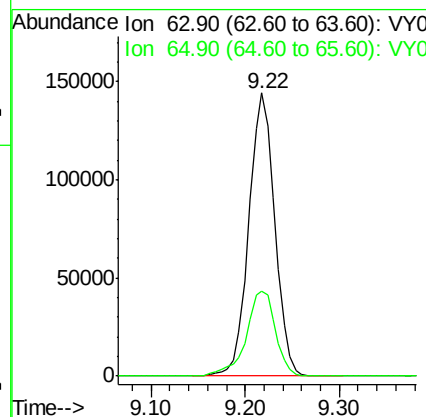
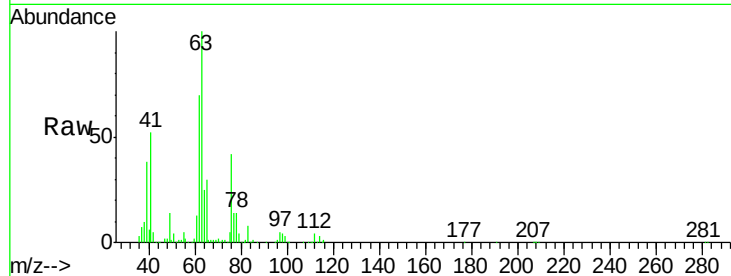
#45
 1,2-Dichloropropane
 Concen: 50.522 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	23.8	35.8

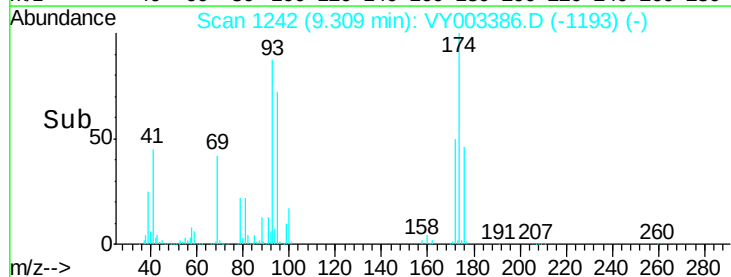
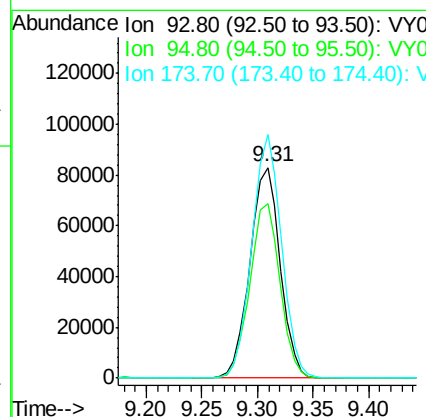
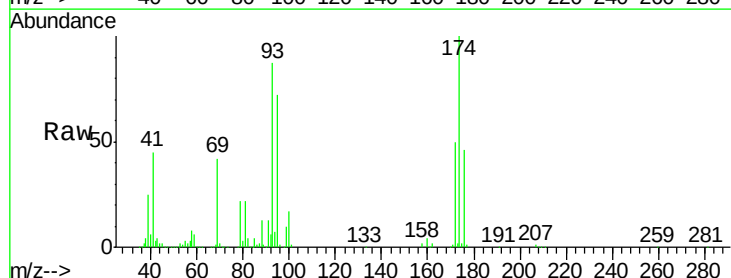
Manual Integrations
 APPROVED

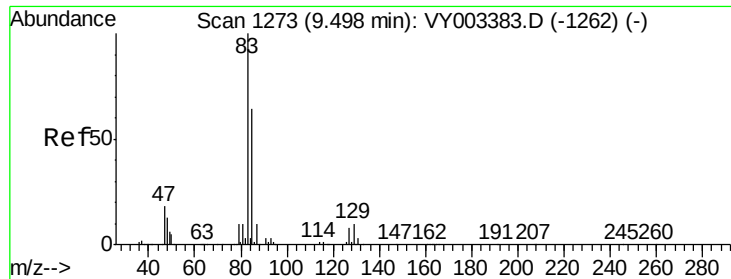
MMDadoda
 8/3/2020 12:37:33 PM



#46
 Dibromomethane
 Concen: 50.926 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.4	98.0
174	113.2	88.6	133.0





#47

Bromodichloromethane

Concen: 51.320 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

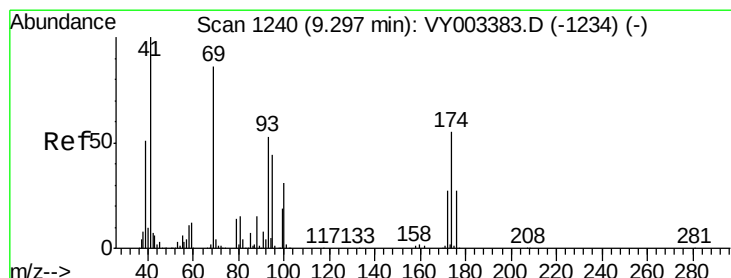
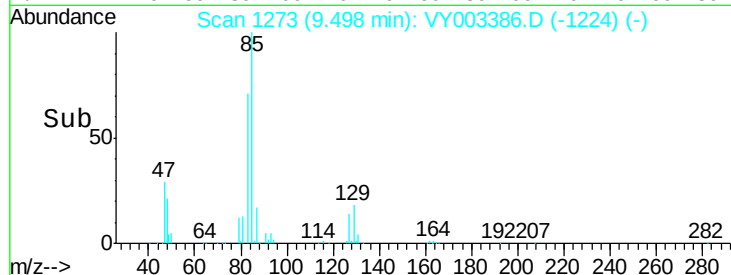
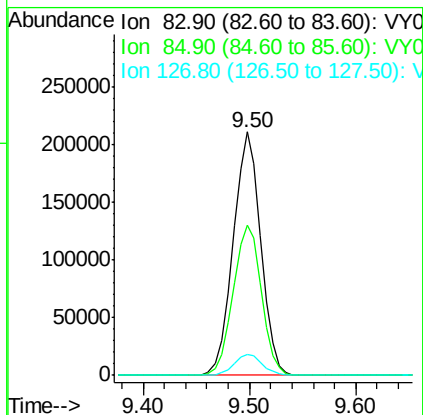
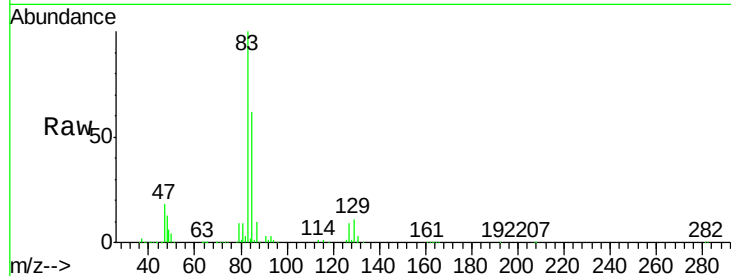
ClientSampleId :

ICVVY073120

Tot Ion:	83	Resp:	382712
Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.6	77.4
127	8.5	6.5	9.7

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:33 PM



#48

Methyl methacrylate

Concen: 52.014 ug/l

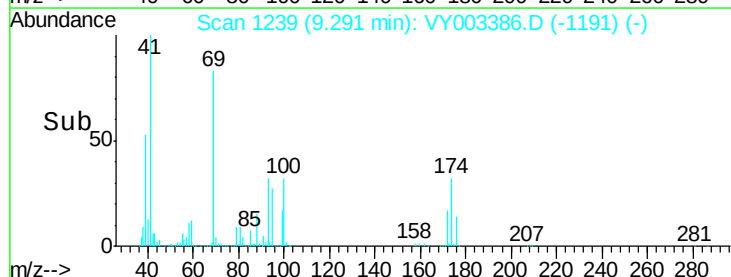
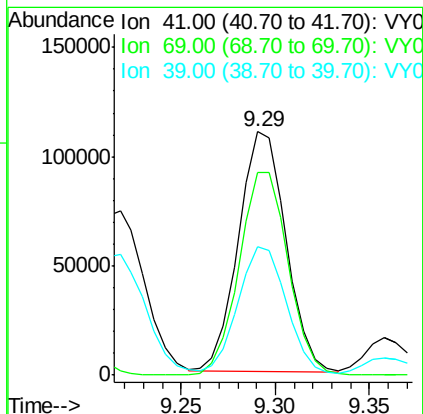
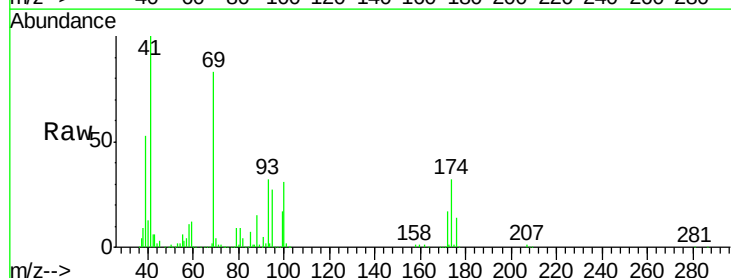
RT: 9.29 min Scan# 1239

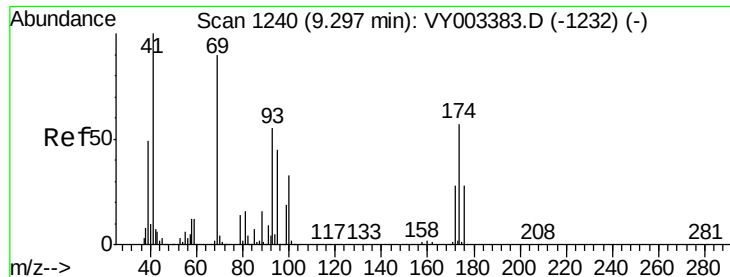
Delta R.T. -0.01 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion:	41	Resp:	191288
Ion	Ratio	Lower	Upper
41	100		
69	88.2	68.9	103.3
39	53.2	43.1	64.7





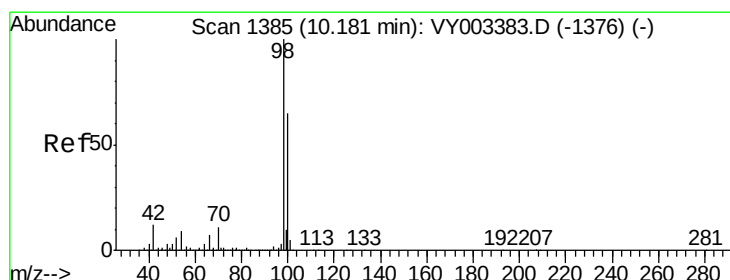
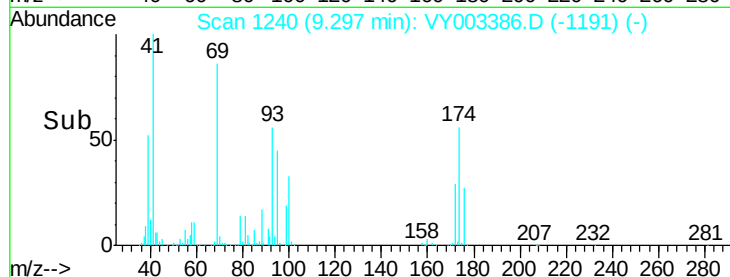
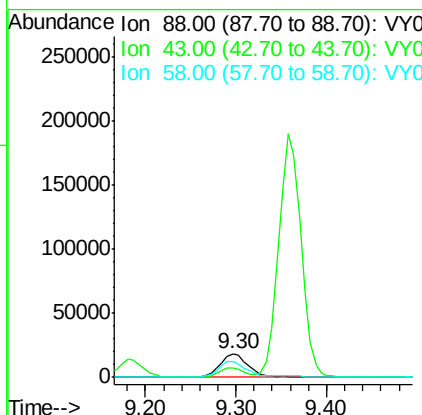
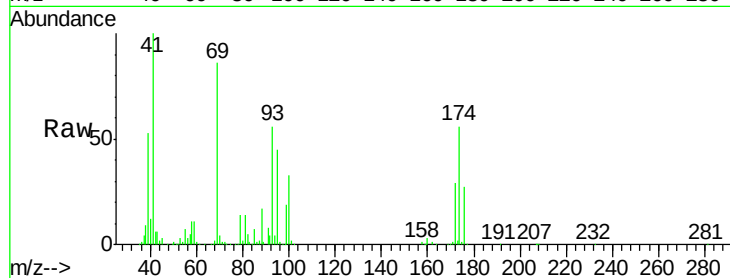
#49
1,4-Dioxane
Concen: 1031.963 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	88	Resp	41335
Ion Ratio	100	Lower	Upper
88	100		
43	34.0	24.9	37.3
58	67.1	54.3	81.5

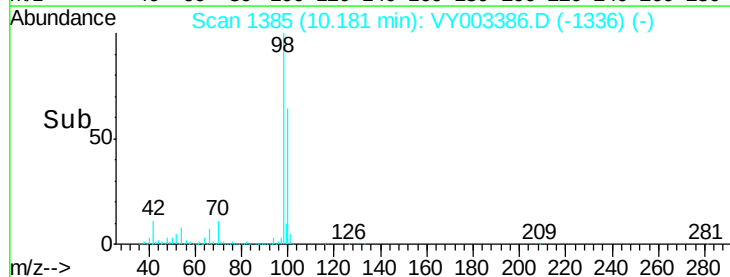
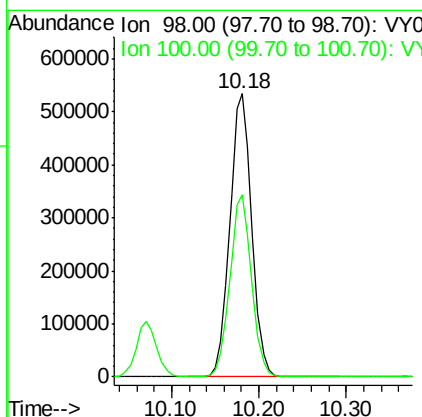
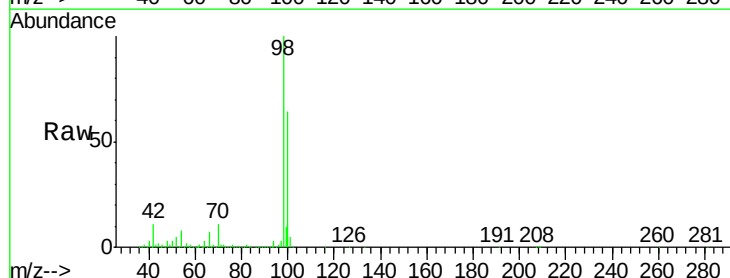
Manual Integrations
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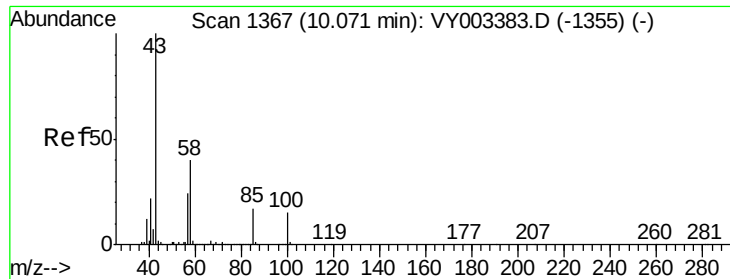
MMDadoda
8/3/2020 12:37:33 PM



#50
Toluene-d8
Concen: 50.012 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	98	Resp	925447
Ion Ratio	100	Lower	Upper
98	100		
100	63.5	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 257.159 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY073120

Tot Ion: 43 Resp: 1097981

Ion Ratio Lower Upper

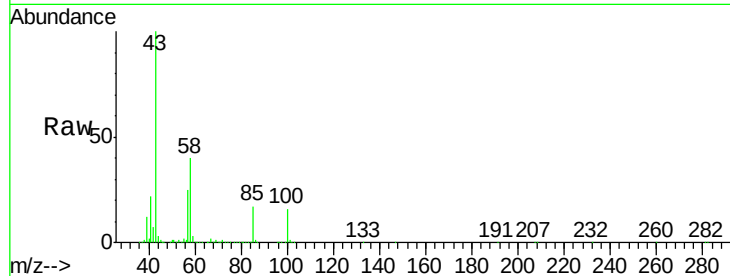
43 100

58 39.7 31.6 47.4

Manual Integrations
APPROVED

MMDadoda

8/3/2020 12:37:33 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

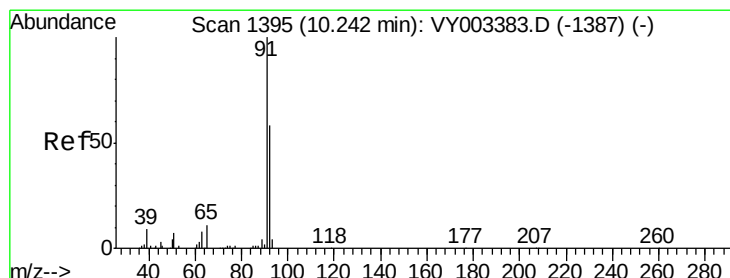
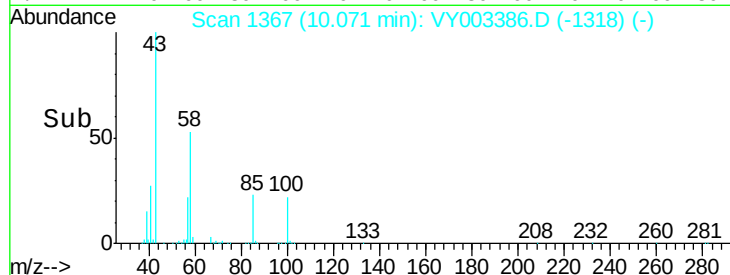
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.064 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003386.D

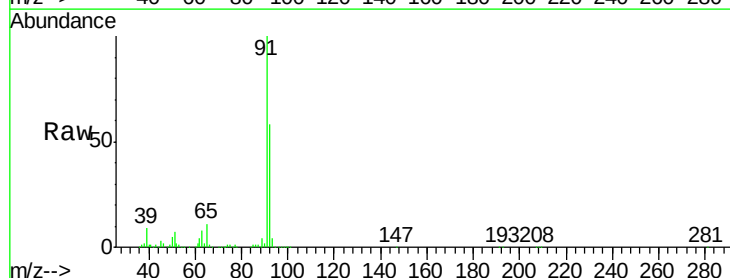
Acq: 31 Jul 2020 13:34

Tgt Ion: 92 Resp: 674571

Ion Ratio Lower Upper

92 100

91 175.5 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

800000

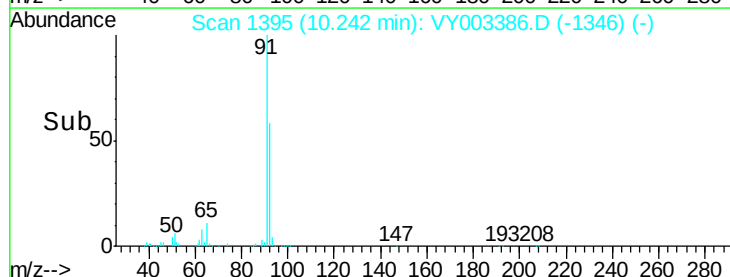
600000

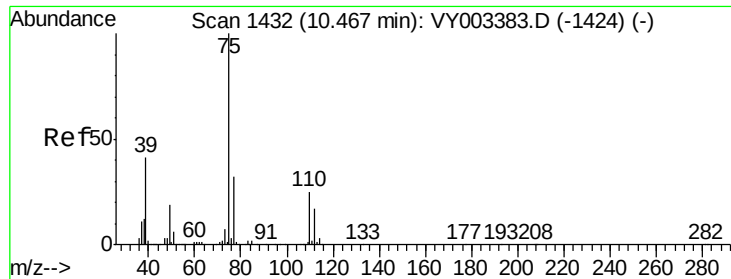
400000

200000

0

Time-->





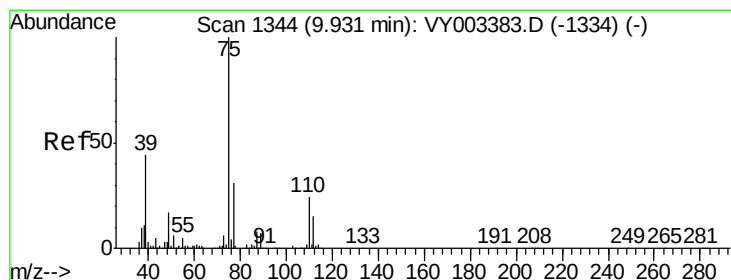
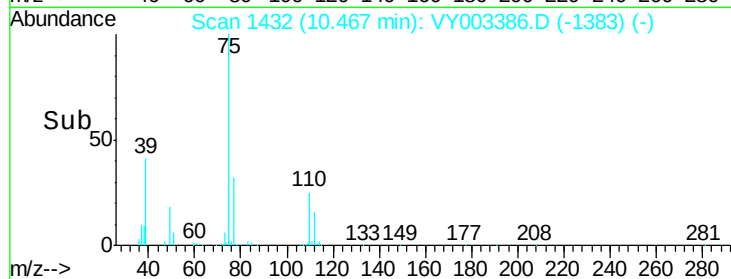
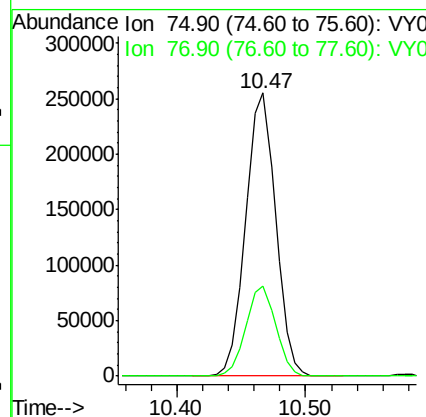
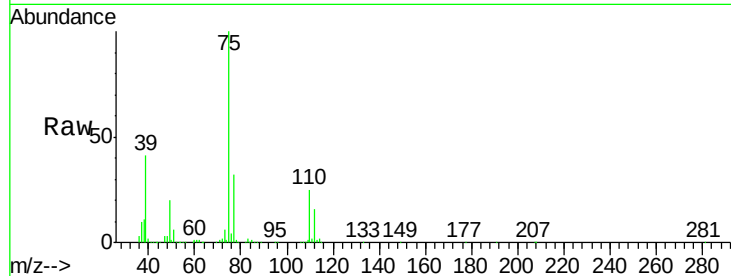
#53
t-1,3-Dichloropropene
Concen: 51.734 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampled :
ICVY073120

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

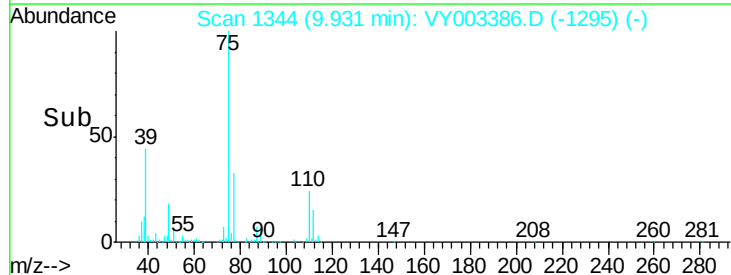
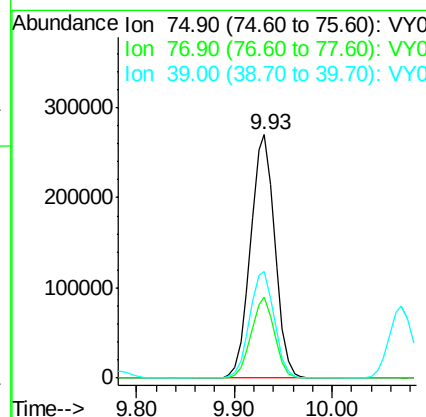
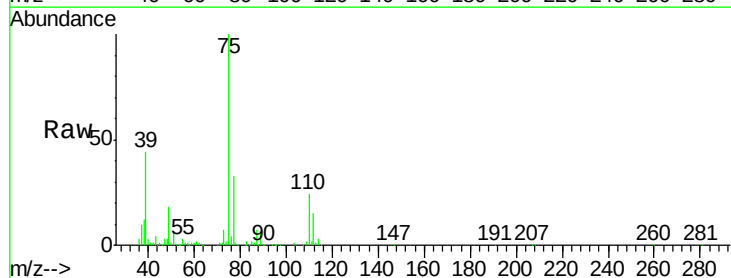
Manual Integrations
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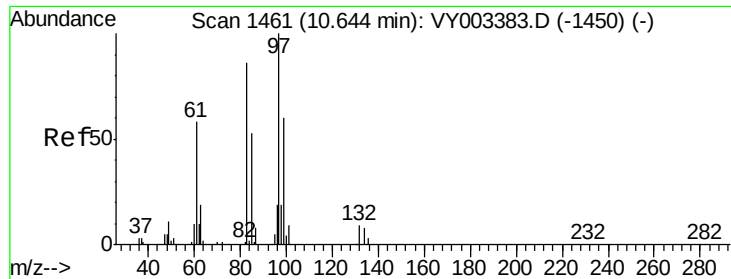
MMDadoda
8/3/2020 12:37:33 PM



#54
cis-1,3-Dichloropropene
Concen: 51.731 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.4	24.8	37.2
39	43.8	34.8	52.2





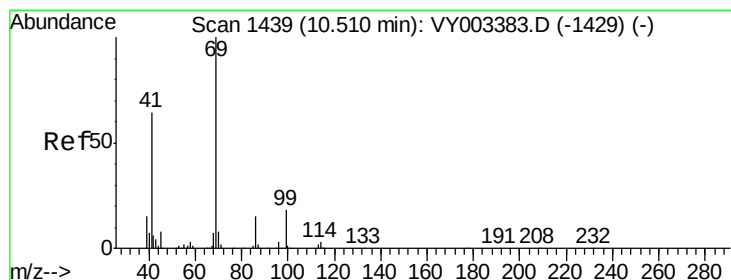
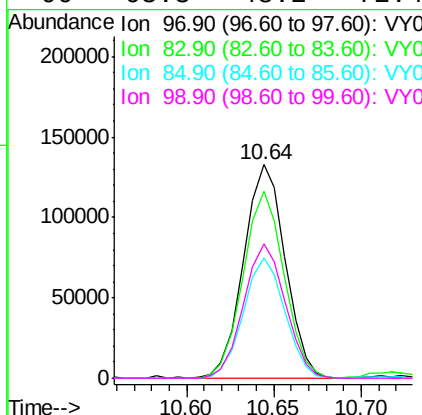
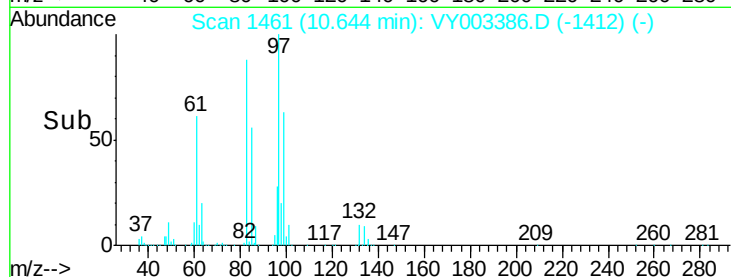
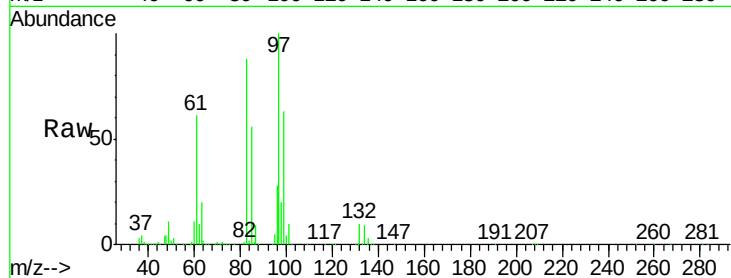
#55
 1,1,2-Trichloroethane
 Concen: 50.426 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Tot Ion:	97	Resp:	218893
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.1	103.7
85	56.4	42.5	63.7
99	63.3	48.2	72.4

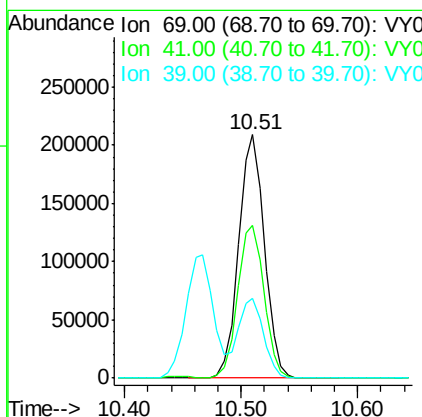
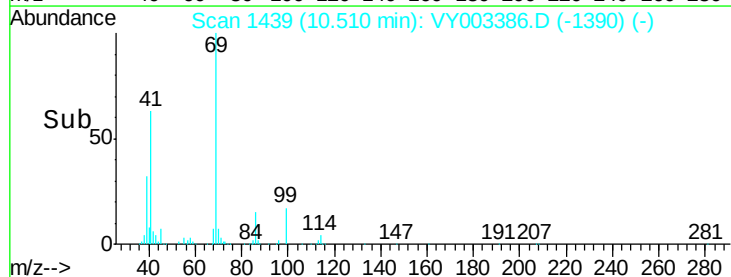
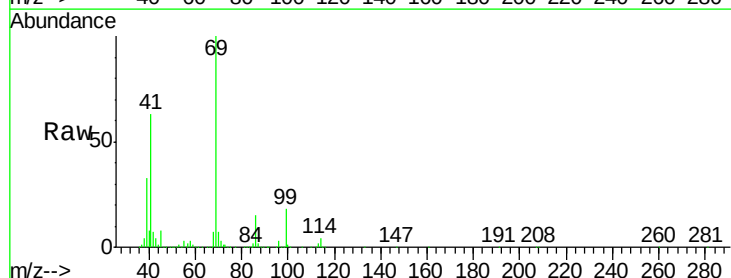
Manual Integrations
 APPROVED

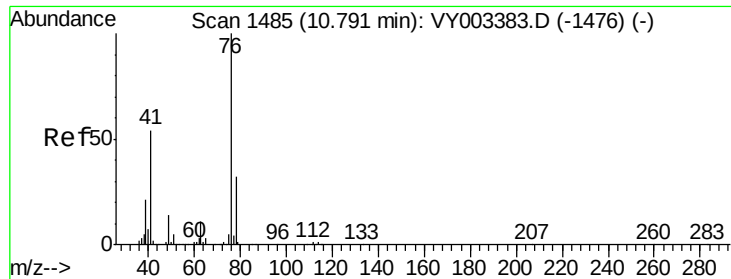
MMDadoda
 8/3/2020 12:37:33 PM



#56
 Ethyl methacrylate
 Concen: 53.673 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion:	69	Resp:	322551
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.2	78.4
39	32.5	24.7	37.1





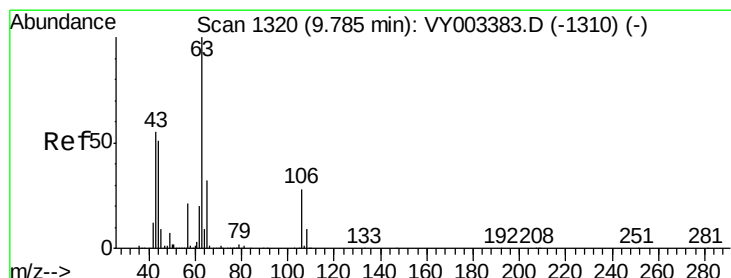
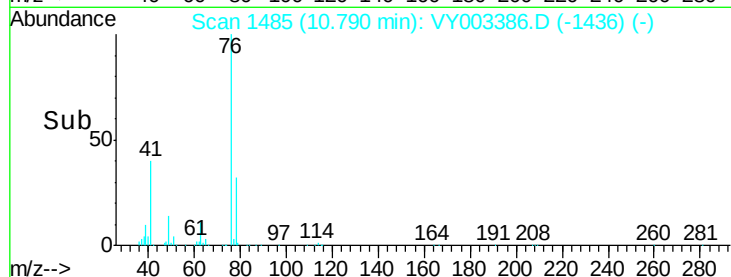
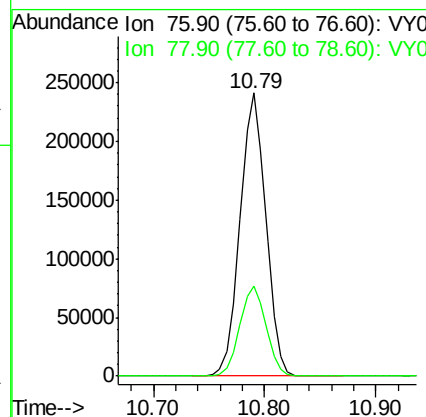
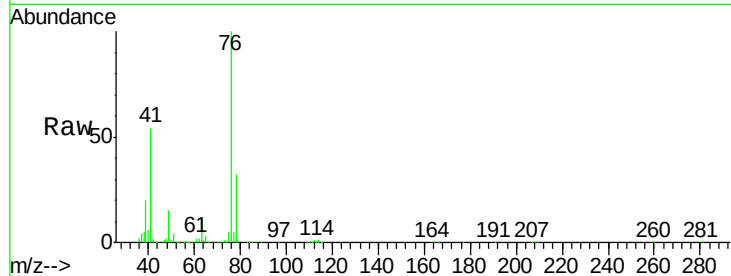
#57
 1,3-Dichloropropane
 Concen: 51.174 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampled :
 ICVVY073120

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

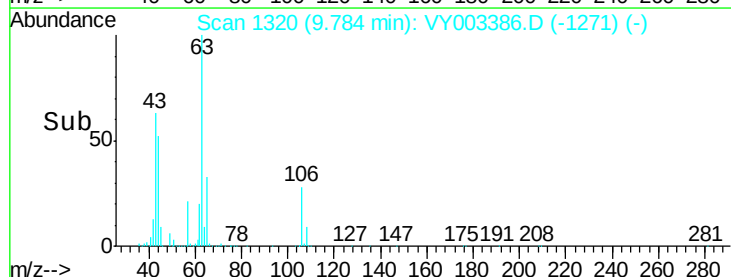
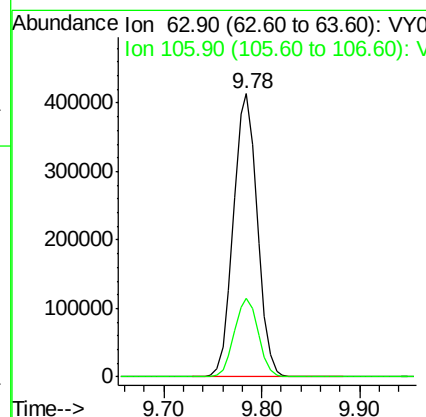
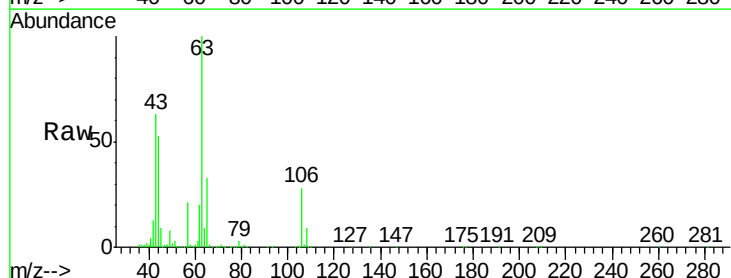
Manual Integrations
 APPROVED

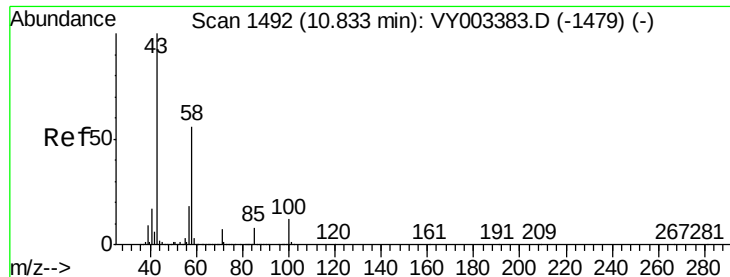
MMDadoda
 8/3/2020 12:37:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.790 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.8	32.6





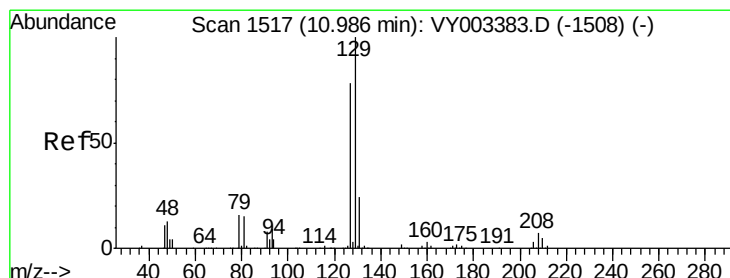
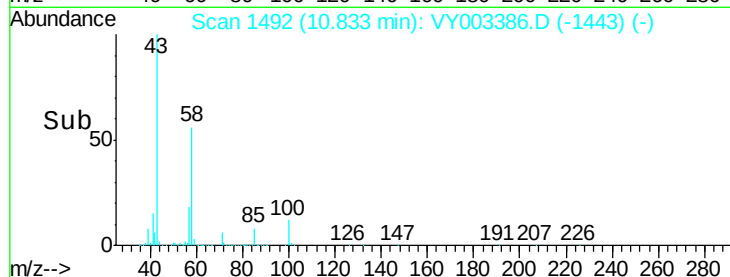
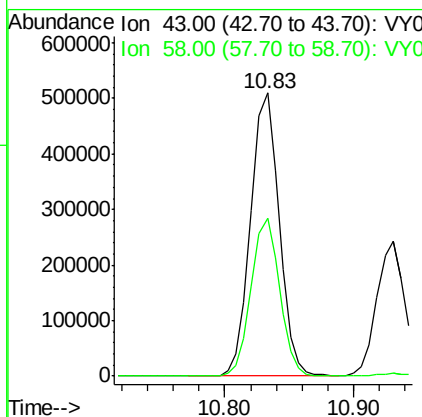
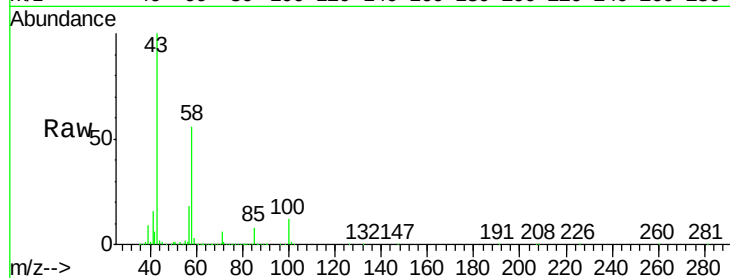
#59
2-Hexanone
Concen: 261.552 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	27.6	82.8

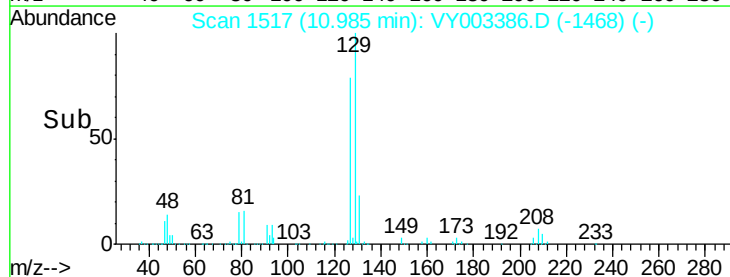
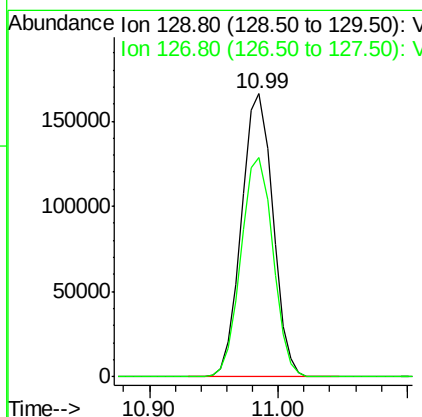
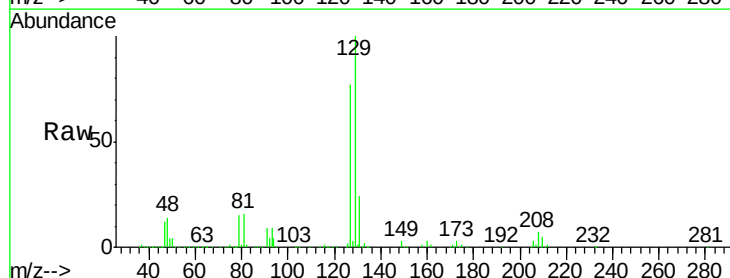
Manual Integrations
APPROVED

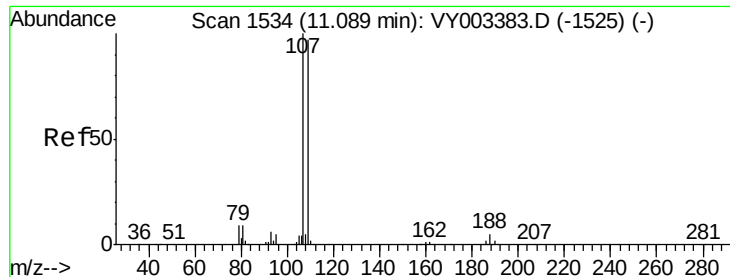
MMDadoda
8/3/2020 12:37:33 PM



#60
Dibromochloromethane
Concen: 51.449 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	38.7	116.1





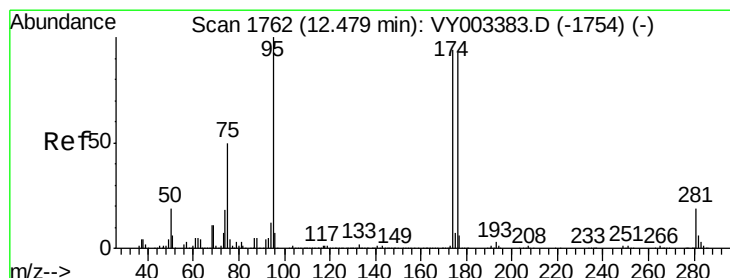
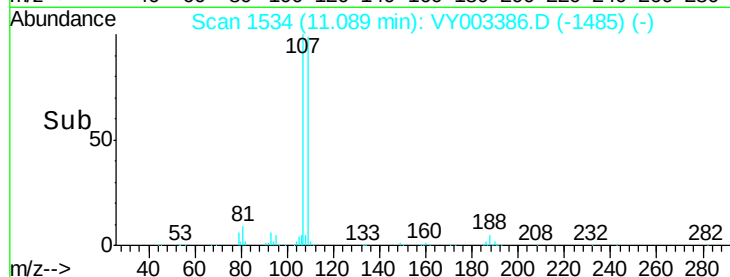
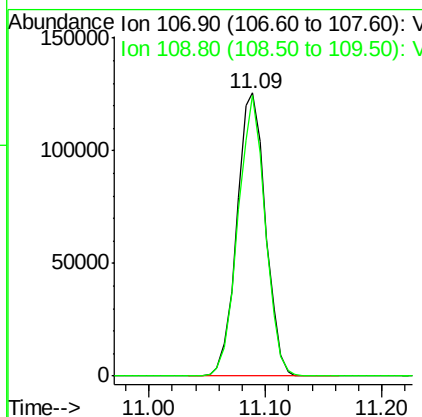
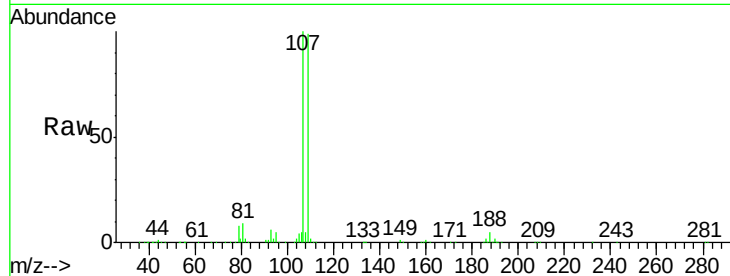
#61
 1,2-Dibromoethane
 Concen: 51.184 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Tot Ion	Ratio	Resp	Lower	Upper
107	100	215250		
109	94.5	75.5	113.3	

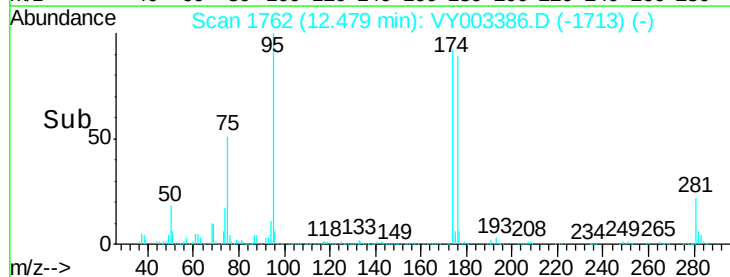
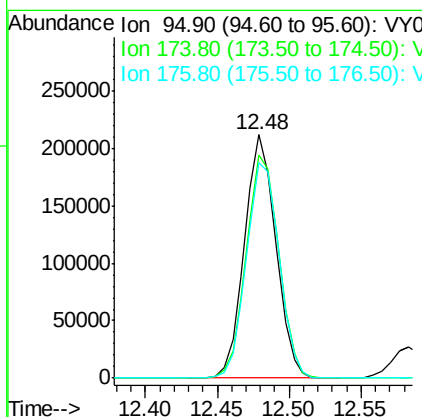
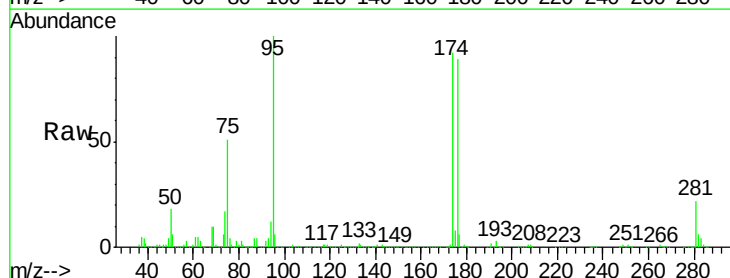
Manual Integrations
 APPROVED

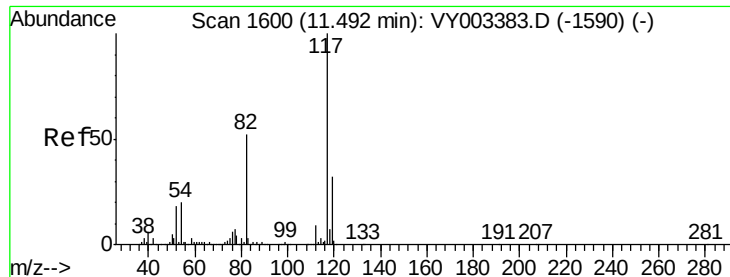
MMDadoda
 8/3/2020 12:37:33 PM



#62
 4-Bromofluorobenzene
 Concen: 50.305 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	318056		
174	95.3	0.0	190.0	
176	92.4	0.0	184.4	





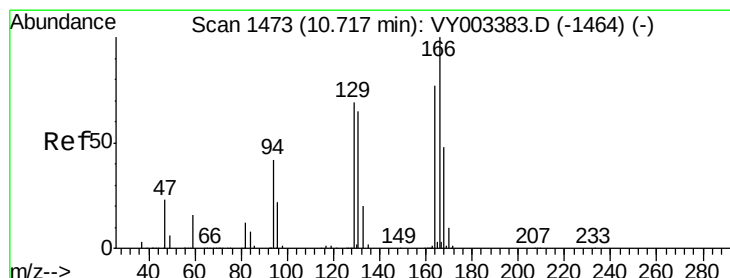
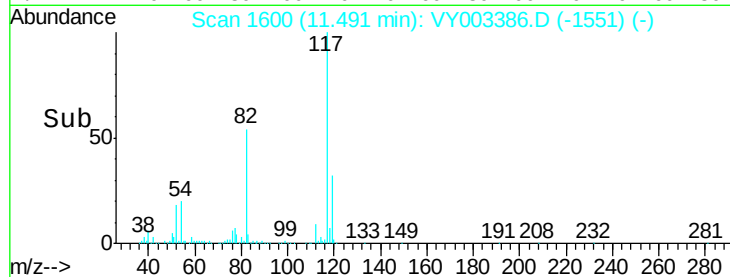
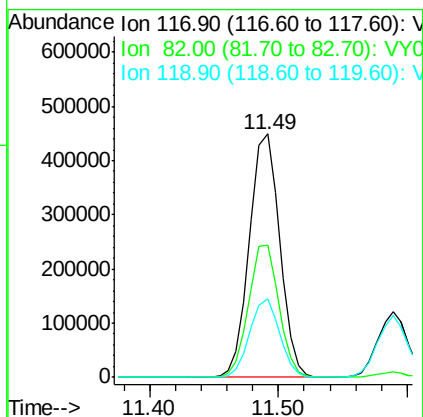
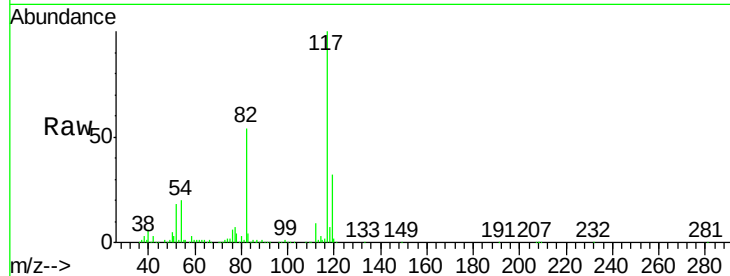
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.9	62.9
119	32.5	25.4	38.0

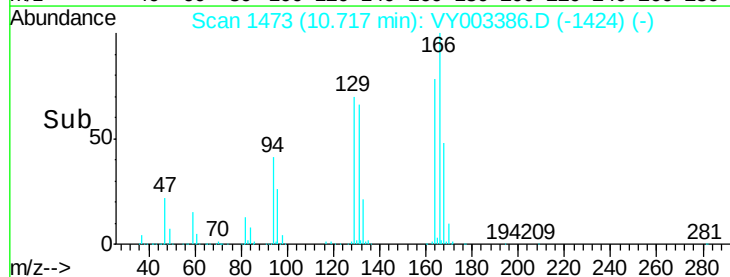
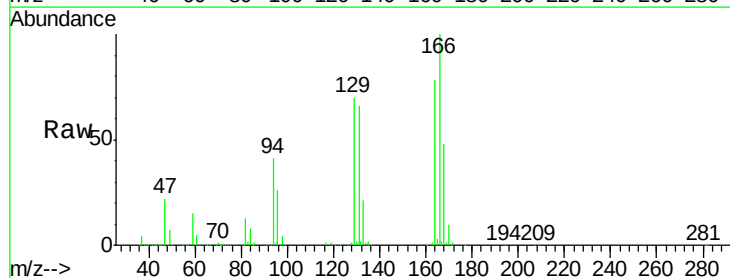
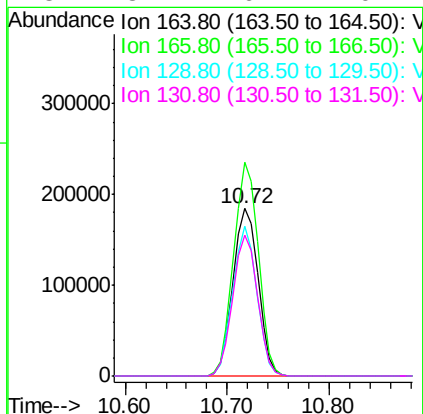
Manual Integrations
APPROVED

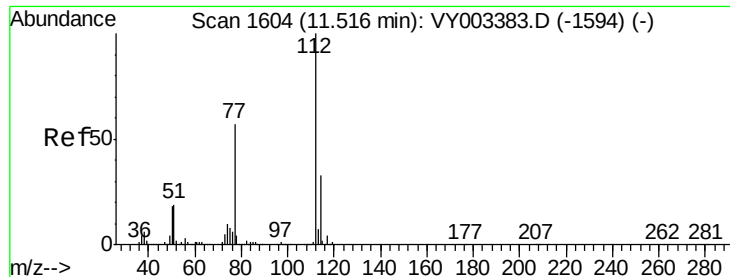
MMDadoda
8/3/2020 12:37:33 PM



#64
Tetrachloroethene
Concen: 51.465 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.3	154.9
129	89.7	71.2	106.8
131	84.1	67.4	101.2





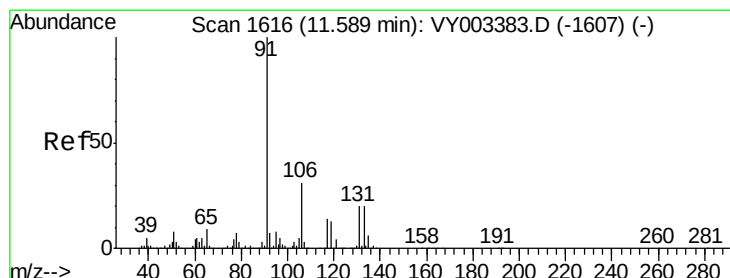
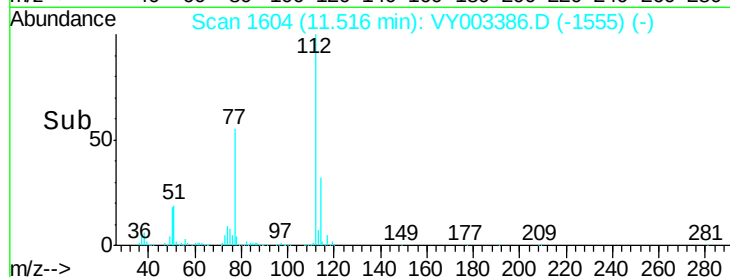
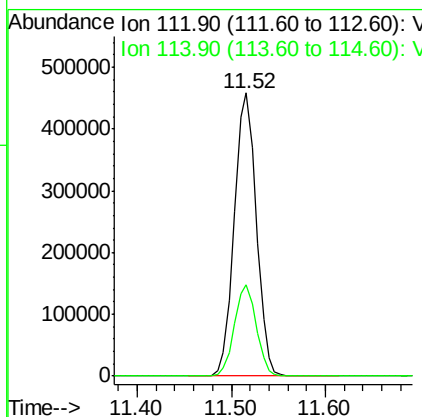
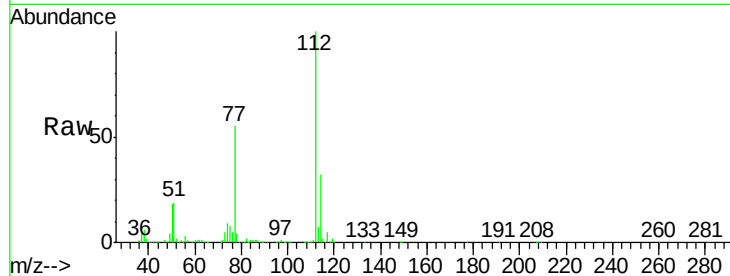
#65
Chlorobenzene
Concen: 51.866 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.1	39.1

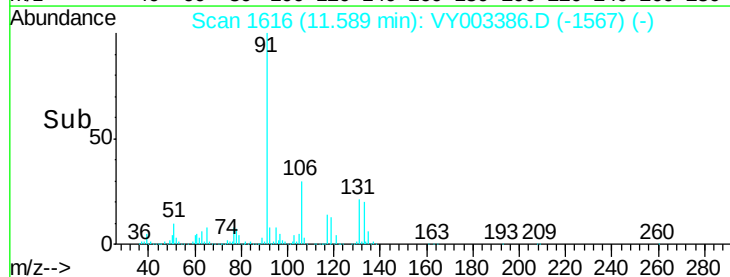
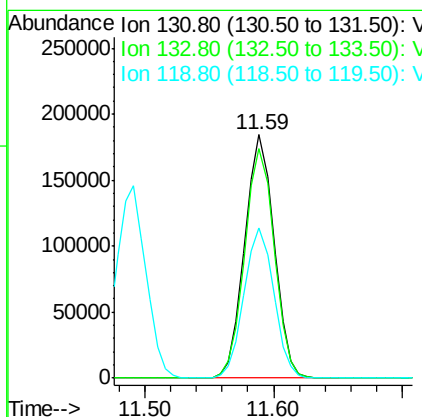
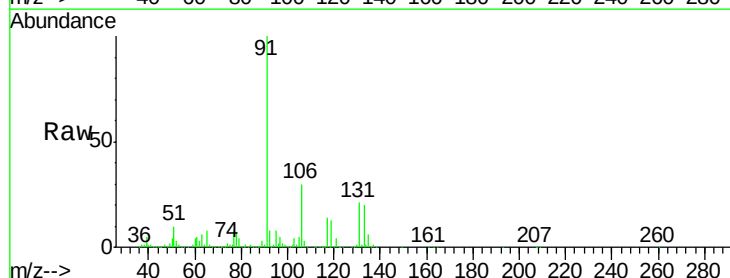
Manual Integrations
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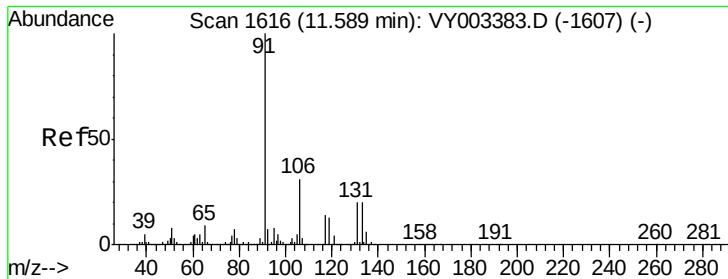
MMDadoda
8/3/2020 12:37:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.143 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.1	144.3
119	62.7	32.0	96.2





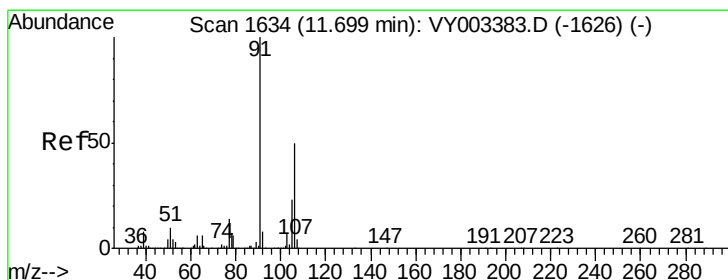
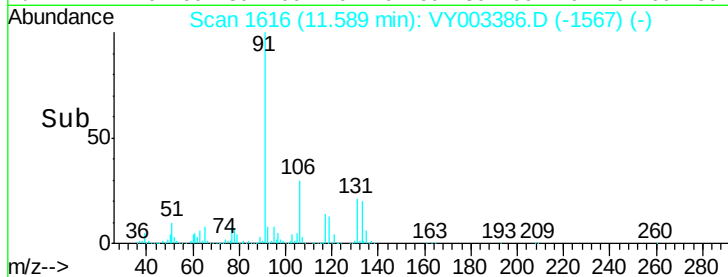
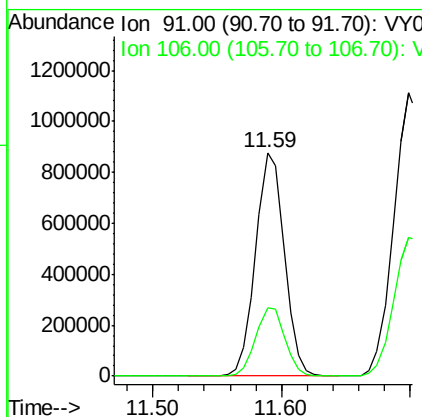
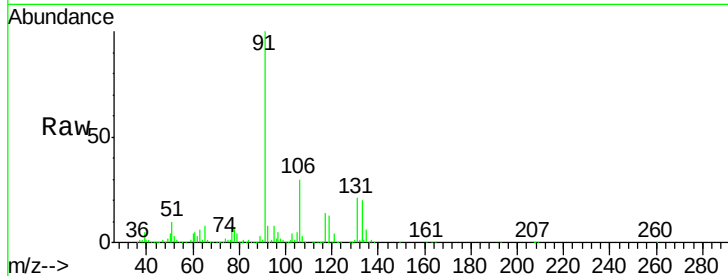
#67
Ethyl Benzene
Concen: 52.101 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion: 91 Resp: 1348496
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

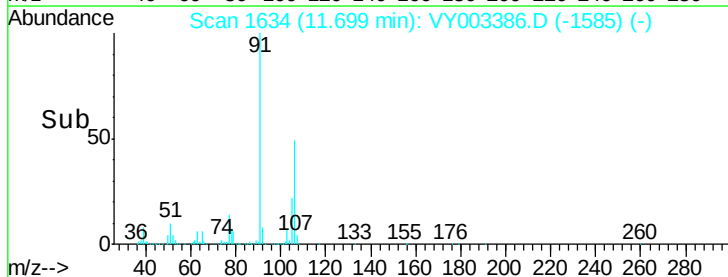
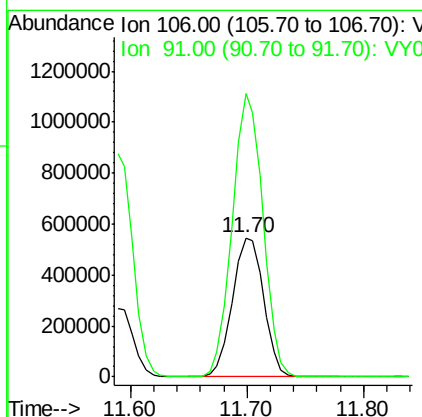
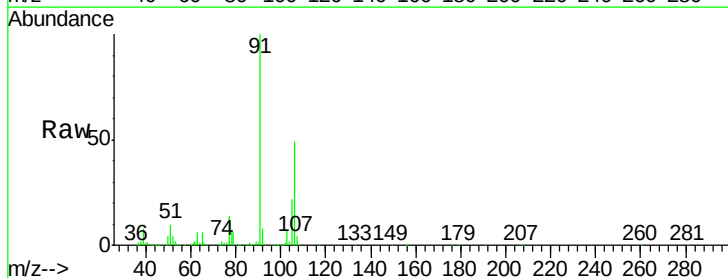
Manual Integrations
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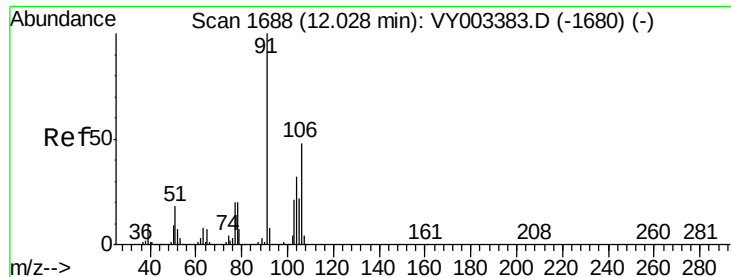
MMDadoda
8/3/2020 12:37:33 PM



#68
m/p-Xylenes
Concen: 104.558 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion: 106 Resp: 1020227
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.6





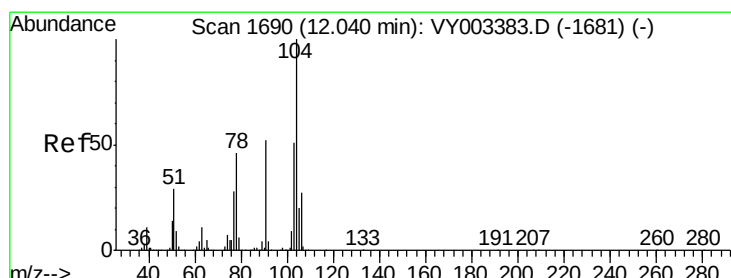
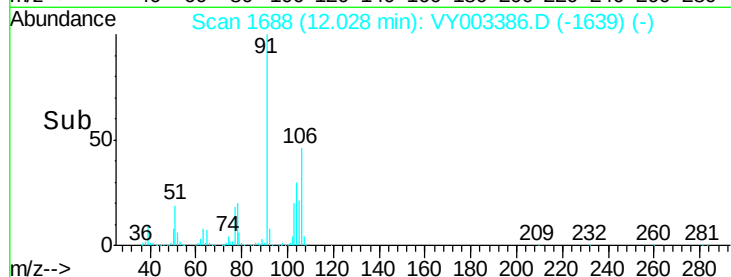
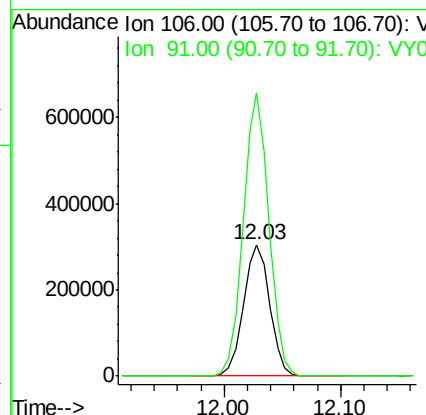
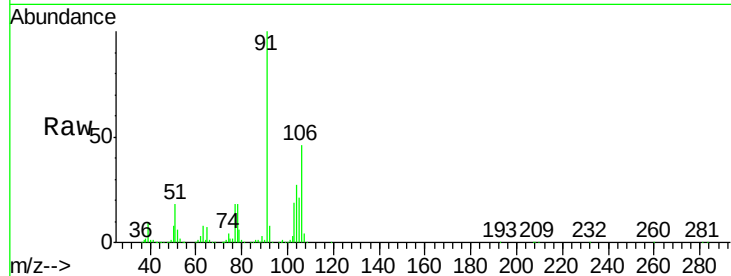
#69
o-Xylene
Concen: 52.118 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	211.4	104.6	313.7

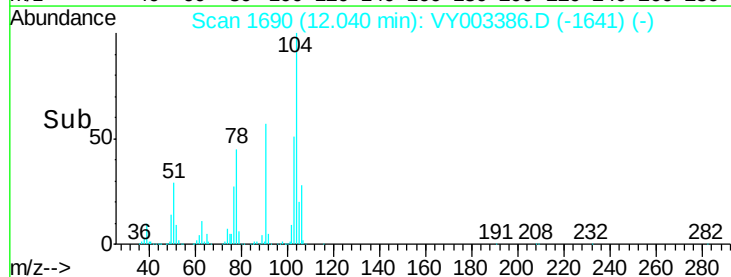
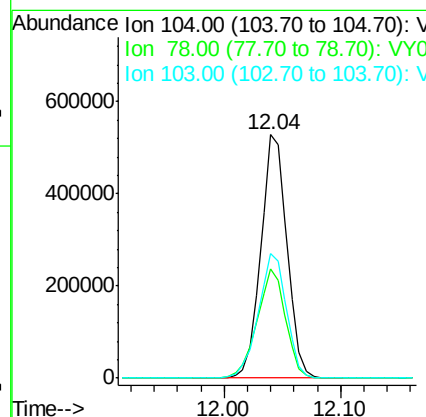
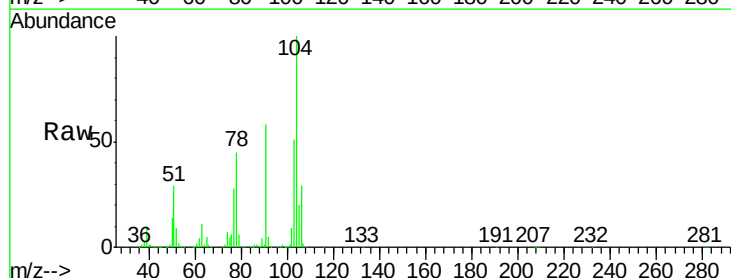
Manual Integrations
APPROVED

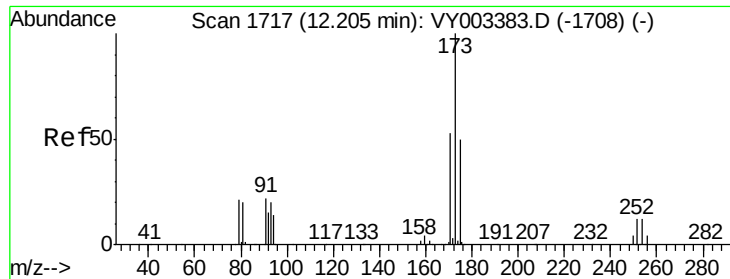
MMDadoda
8/3/2020 12:37:33 PM



#70
Styrene
Concen: 52.922 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.6	39.3	58.9
103	103	55.1	43.7	65.5





#71

Bromoform

Concen: 52.143 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

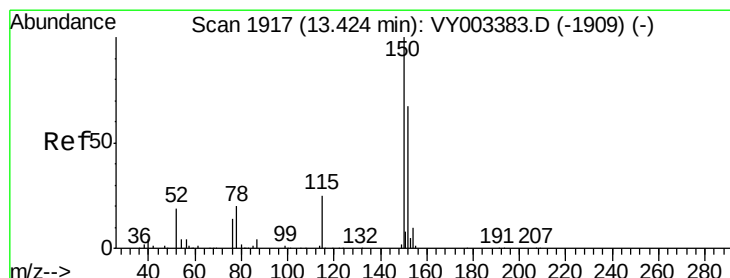
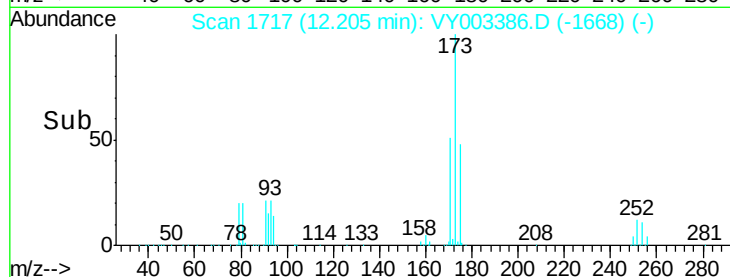
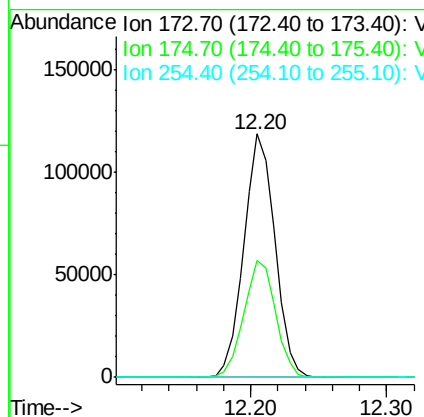
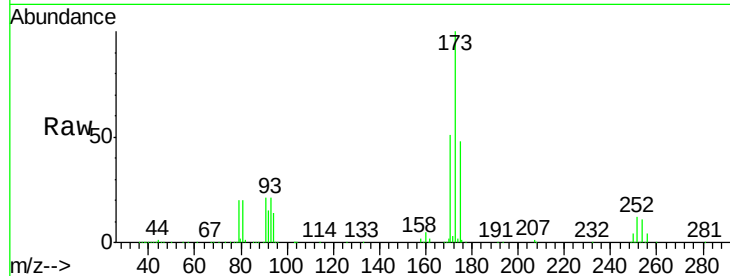
ClientSampleId :

ICVY073120

Tot Ion:	173	Resp:	189186
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.1	72.2
254	0.2	0.2	0.2

Manual Integrations
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8/3/2020 12:37:33 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

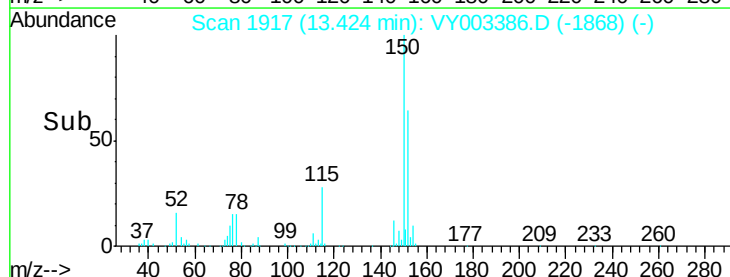
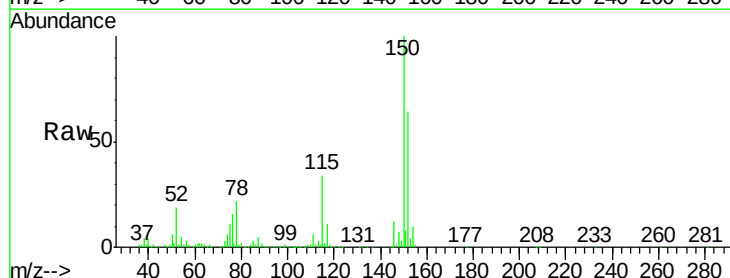
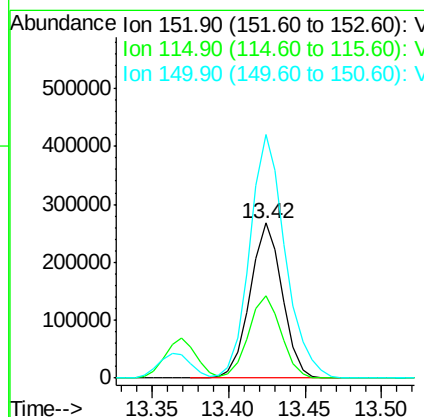
RT: 13.42 min Scan# 1917

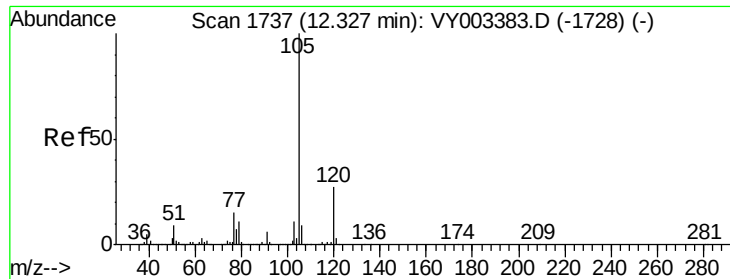
Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion:	152	Resp:	391891
Ion Ratio	Lower	Upper	
152	100		
115	53.7	27.2	81.5
150	173.0	0.0	346.8





#73

Isopropylbenzene

Concen: 51.829 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

Tot Ion:105 Resp: 1312735

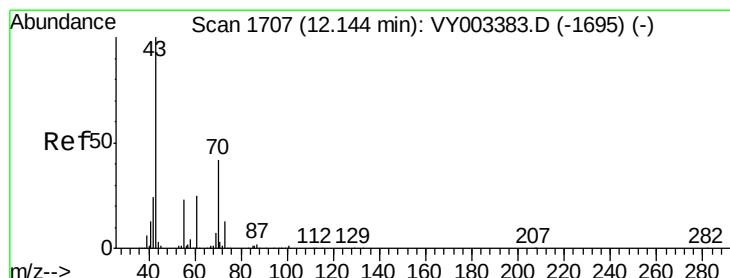
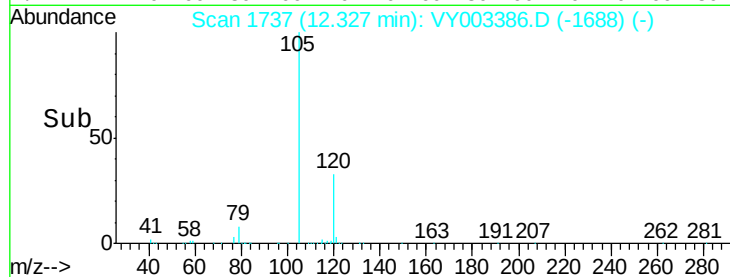
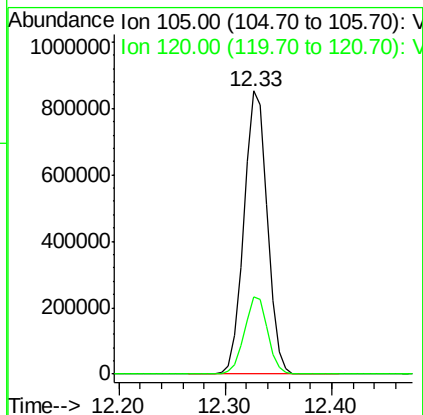
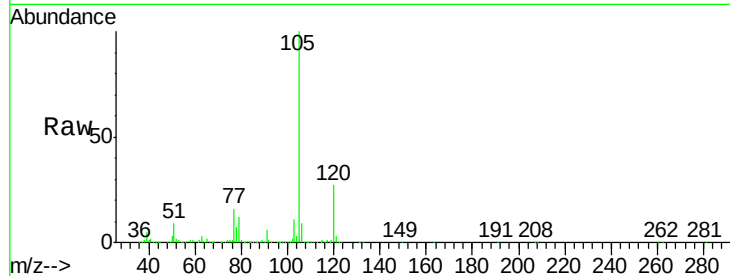
Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4

Manual Integrations
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8/3/2020 12:37:33 PM



#74

N-ethyl acetate

Concen: 52.444 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion: 43 Resp: 391498

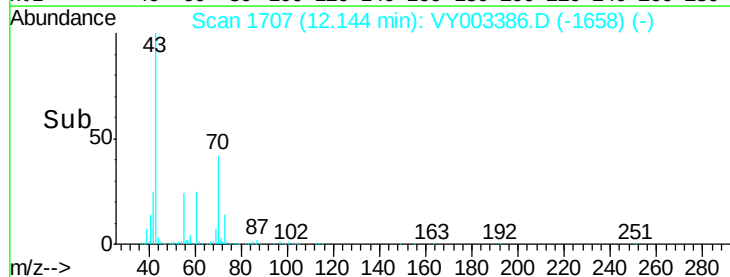
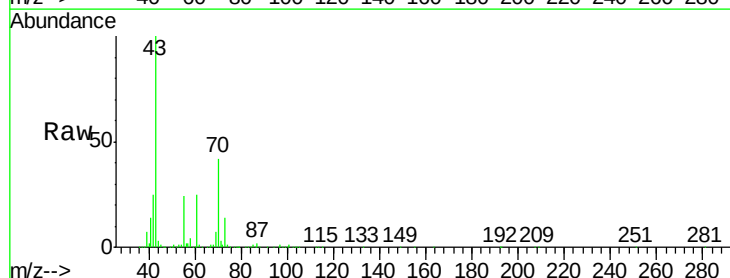
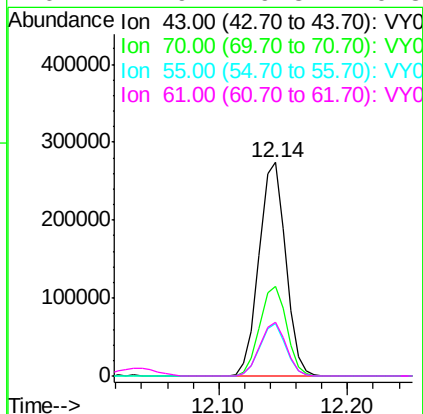
Ion Ratio Lower Upper

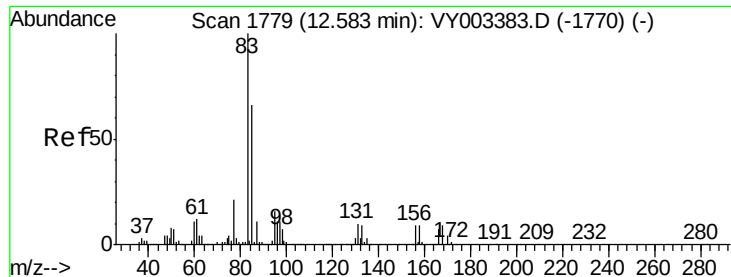
43 100

70 42.7 33.6 50.4

55 23.8 18.5 27.7

61 24.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.568 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

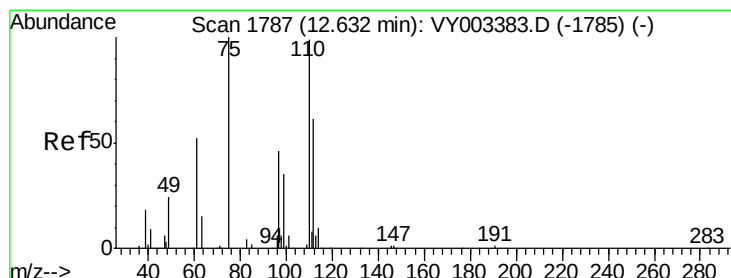
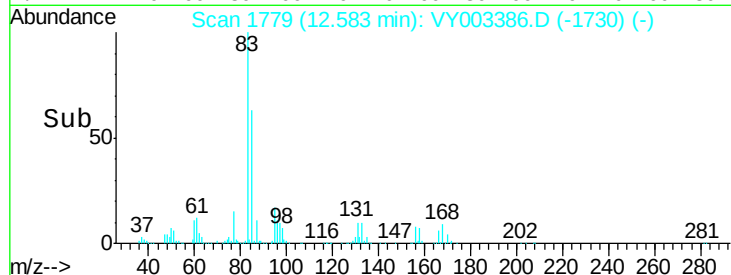
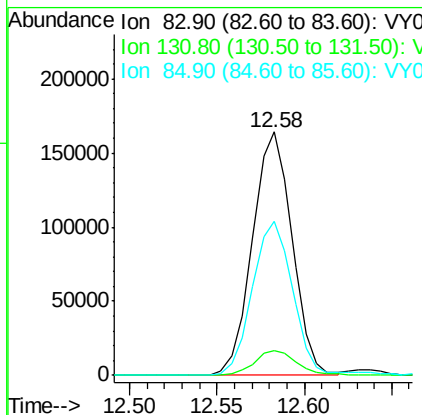
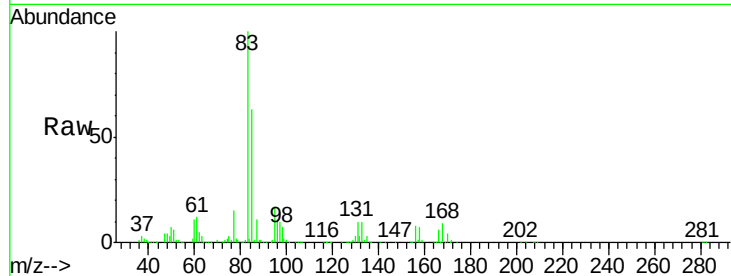
ClientSampleId :

ICVVY073120

Tot Ion:	83	Resp:	258711
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	64.0	31.9	95.5

Manual Integrations
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8/3/2020 12:37:33 PM



#76

1,2,3-Trichloropropane

Concen: 51.443 ug/l m

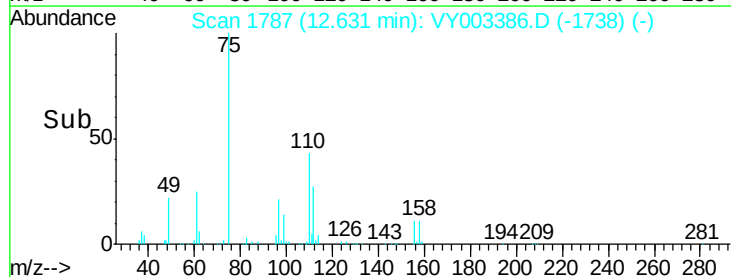
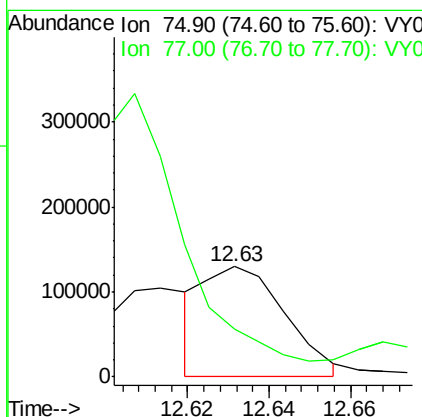
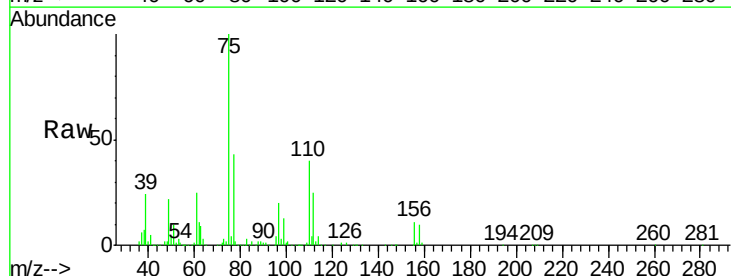
RT: 12.63 min Scan# 1787

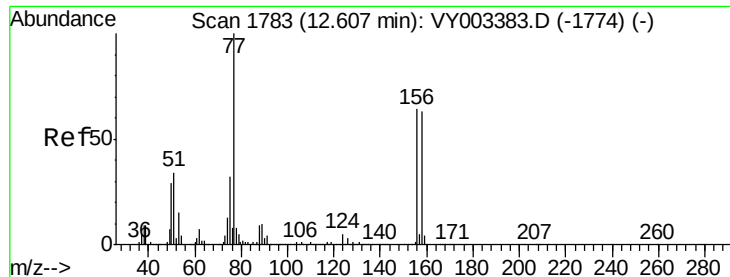
Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion:	75	Resp:	181108
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.186 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY073120

Tot Ion:156 Resp: 335840

Ion Ratio Lower Upper

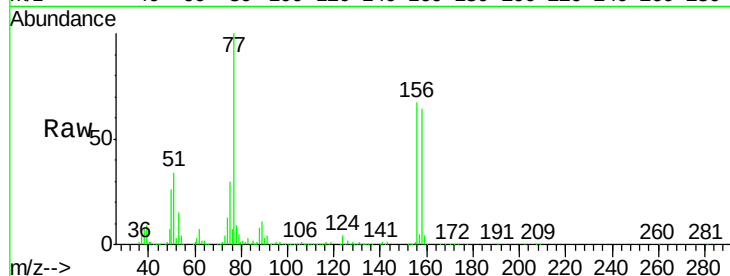
156 100

77 171.7 87.5 262.5

158 96.4 48.7 146.1

Manual Integrations
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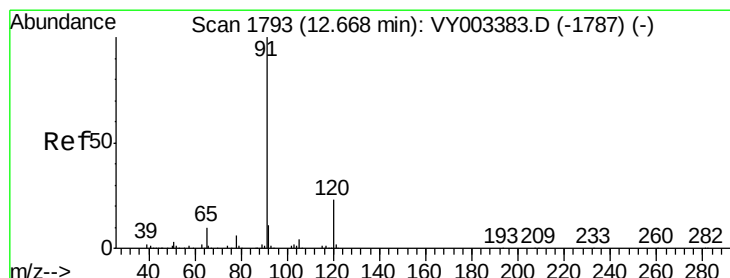
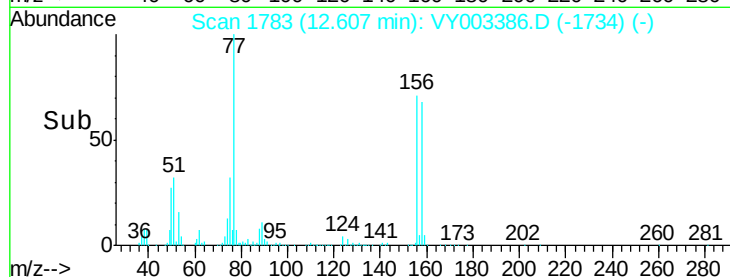
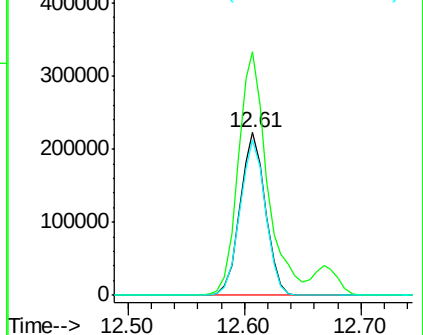
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.291 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003386.D

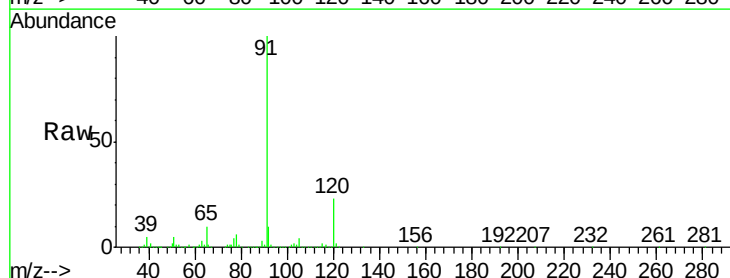
Acq: 31 Jul 2020 13:34

Tgt Ion: 91 Resp: 1585134

Ion Ratio Lower Upper

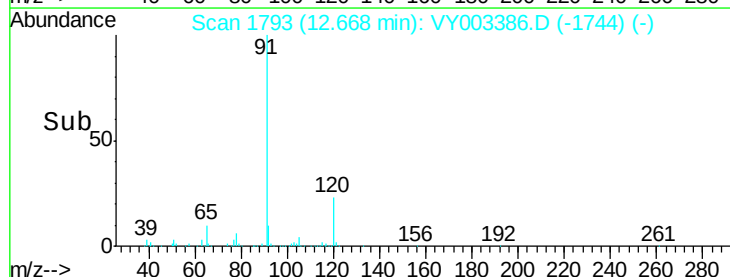
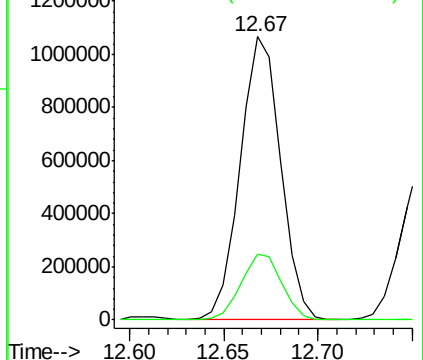
91 100

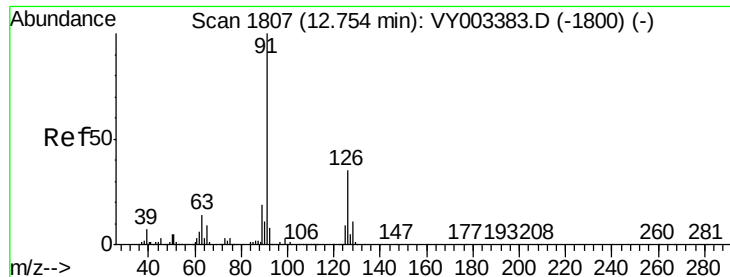
120 23.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.068 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY073120

Tot Ion: 91 Resp: 875747

Ion Ratio Lower Upper

91 100

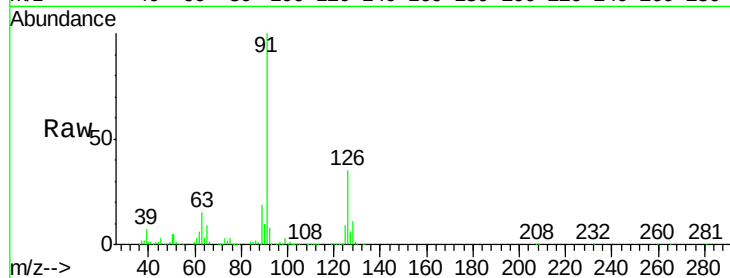
126 35.3 17.9 53.7

Manual Integrations

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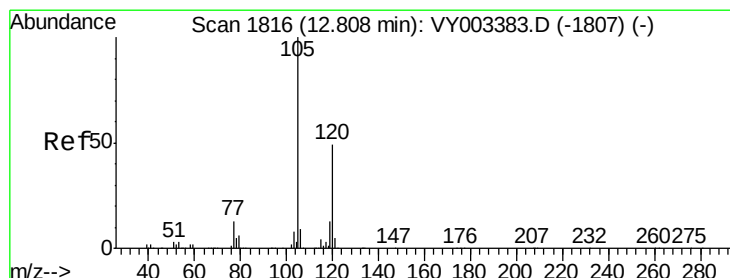
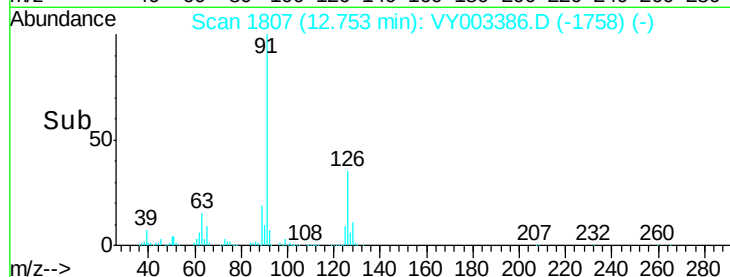
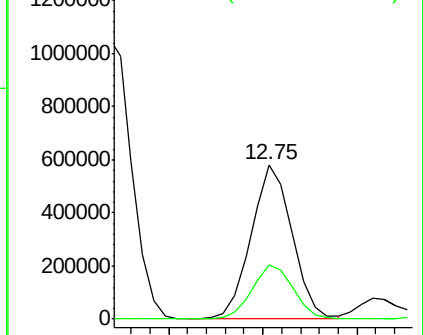
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.046 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003386.D

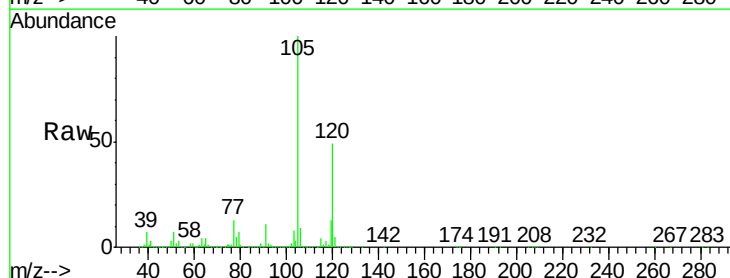
Acq: 31 Jul 2020 13:34

Tgt Ion:105 Resp: 1106764

Ion Ratio Lower Upper

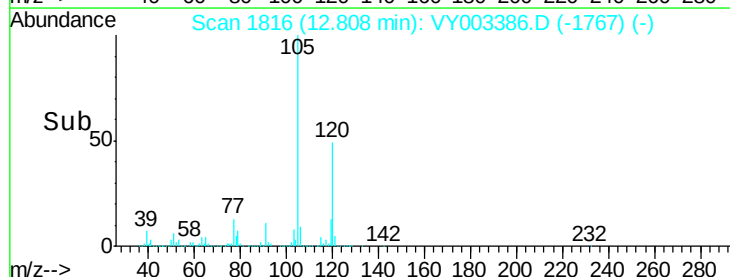
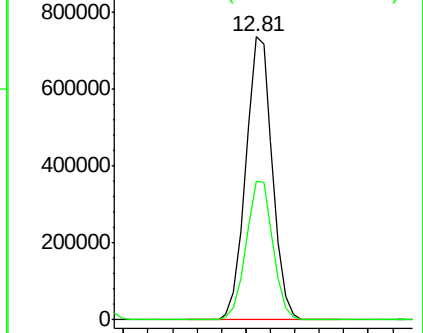
105 100

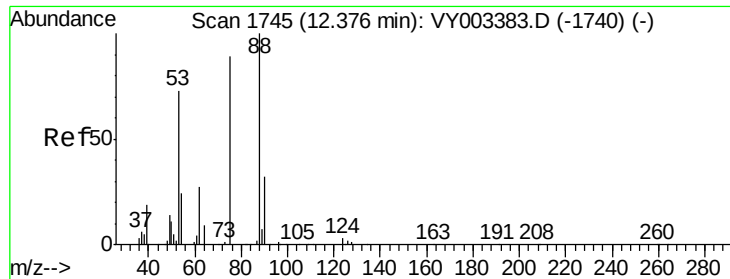
120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.212 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

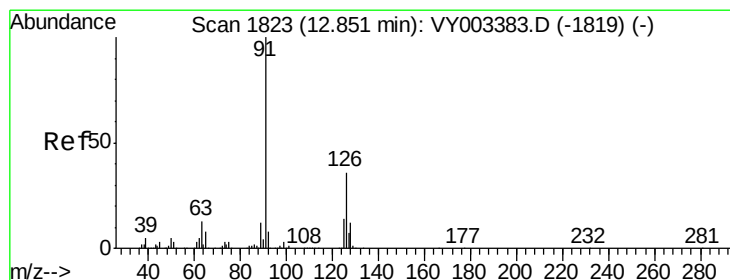
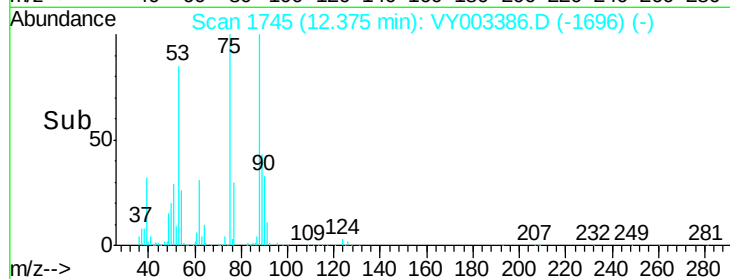
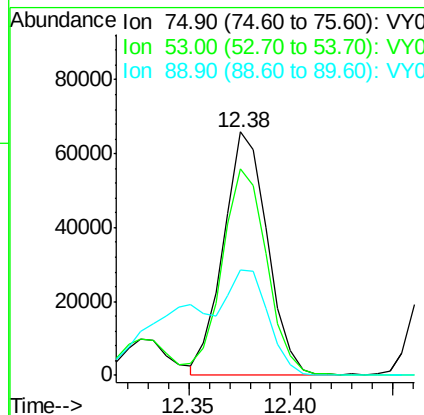
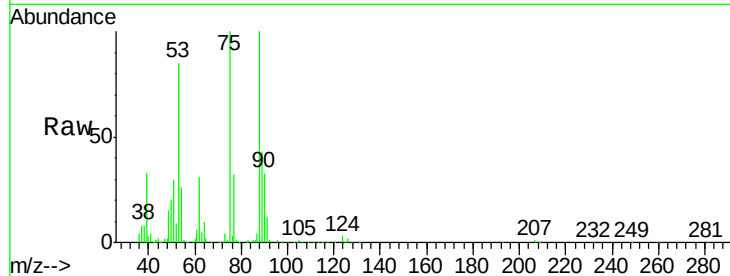
ClientSampleId :

ICVY073120

Tot Ion:	75	Resp:	97193
Ion	Ratio	Lower	Upper
75	100		
53	88.0	69.5	104.3
89	40.7	33.8	50.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.063 ug/l

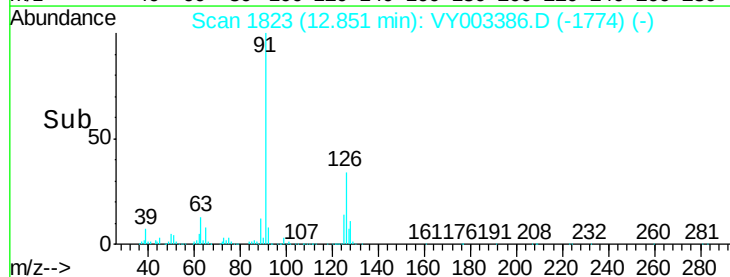
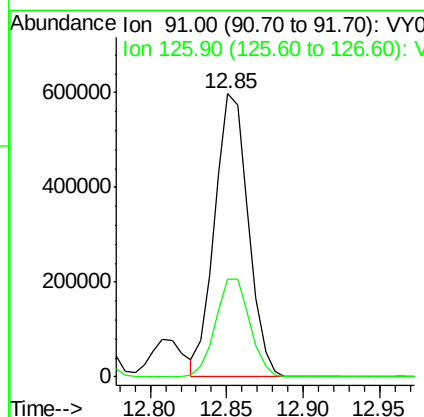
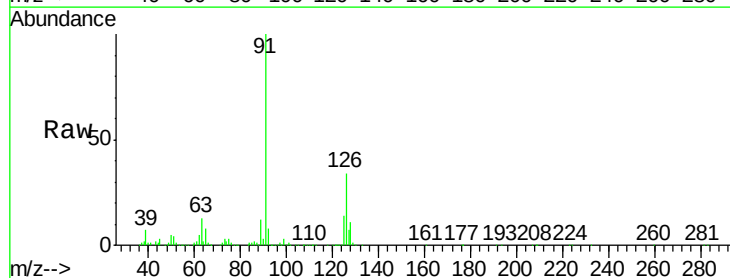
RT: 12.85 min Scan# 1823

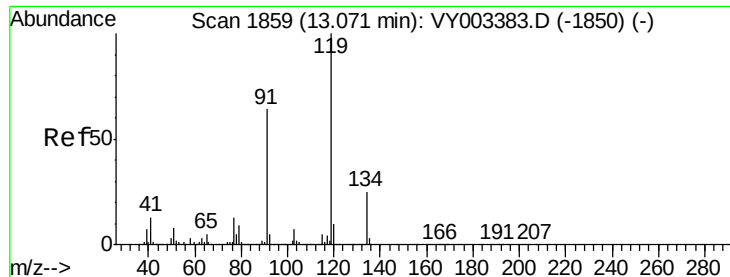
Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion:	91	Resp:	909934
Ion	Ratio	Lower	Upper
91	100		
126	35.6	18.1	54.4





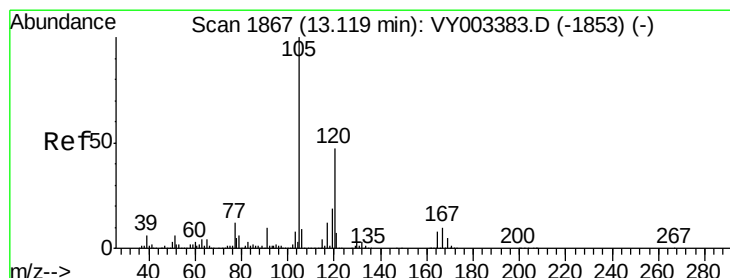
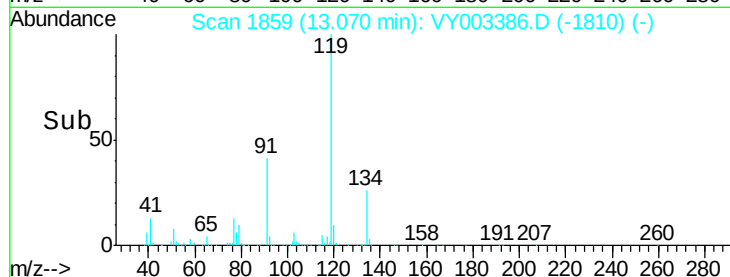
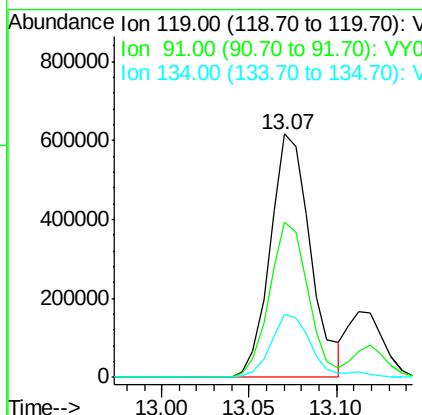
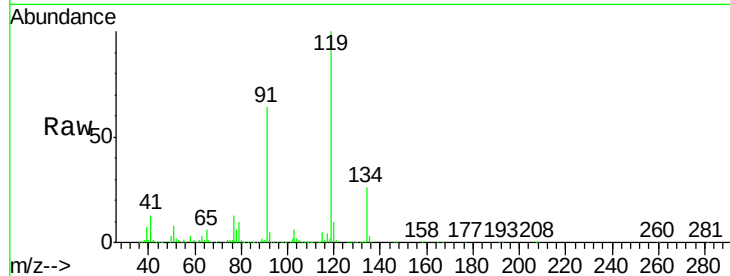
#83
tert-Butylbenzene
Concen: 53.617 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY073120

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.1	31.8	95.3
134	26.5	13.6	40.8

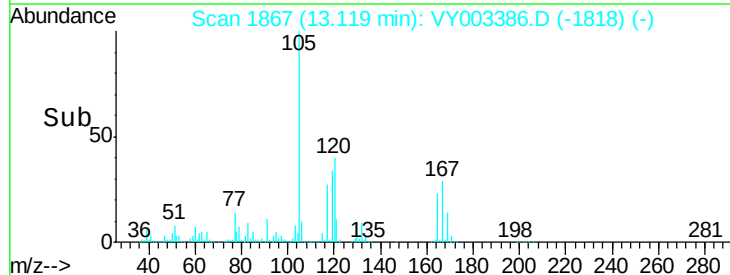
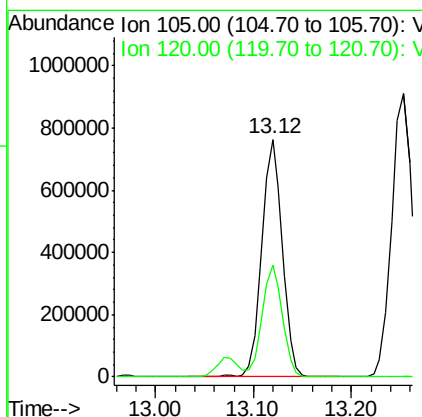
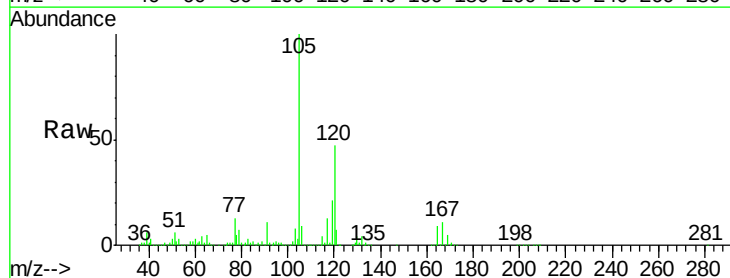
Manual Integrations
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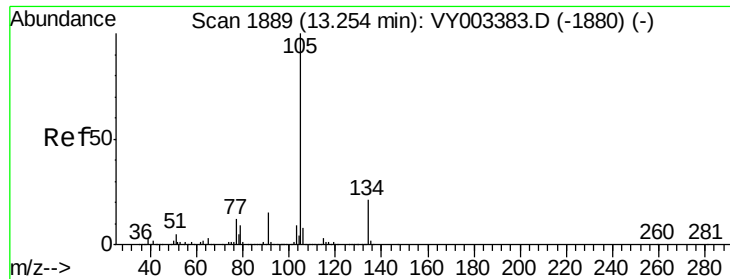
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.945 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.3





#85

sec-Butylbenzene

Concen: 52.677 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Instrument :

MSVOA_Y

ClientSampled :

ICVY073120

Tot Ion:105 Resp: 1352779

Ion Ratio Lower Upper

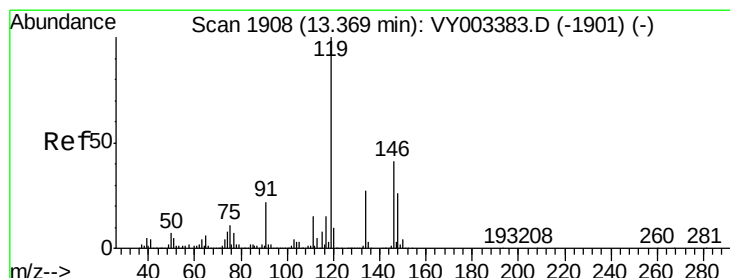
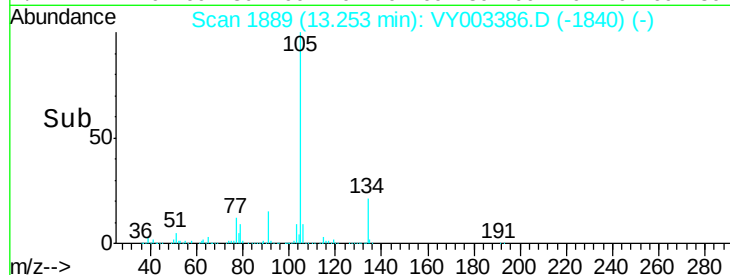
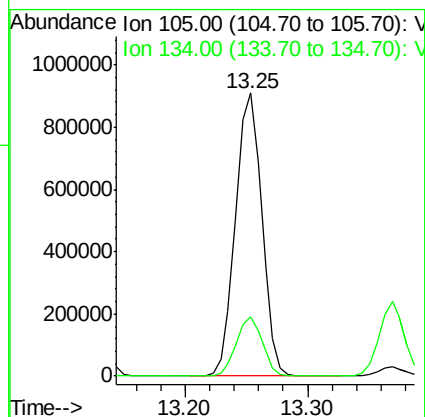
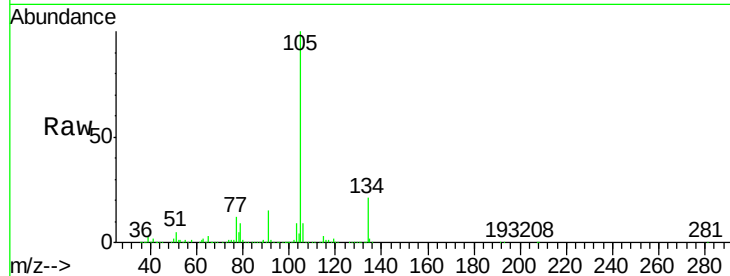
105 100

134 20.7 10.4 31.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.669 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

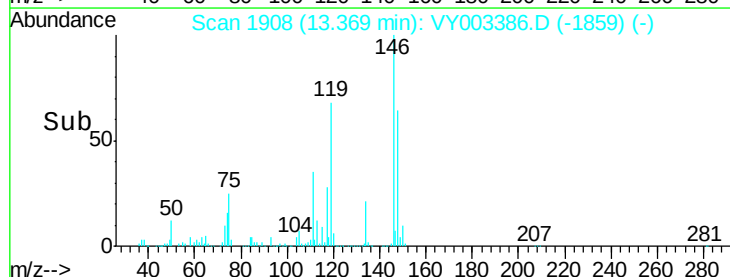
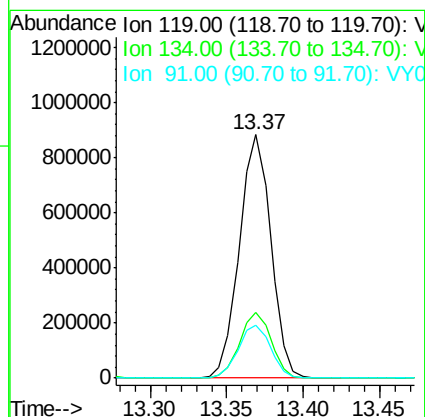
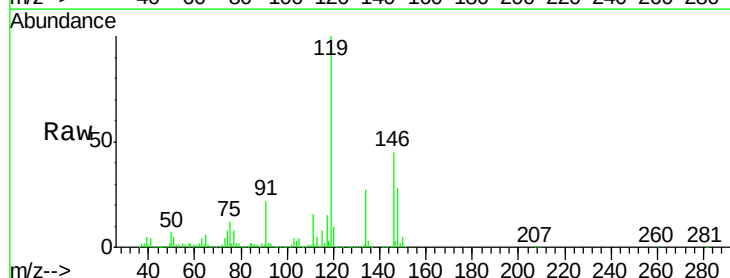
Tgt Ion:119 Resp: 1265063

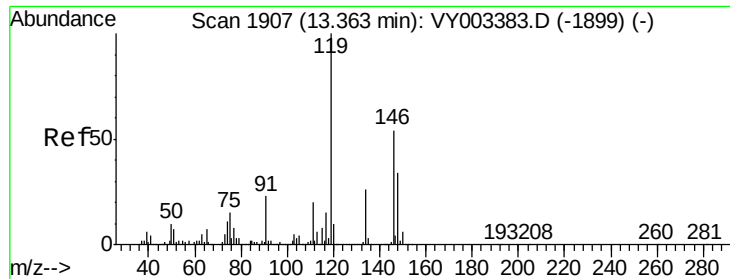
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 51.940 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

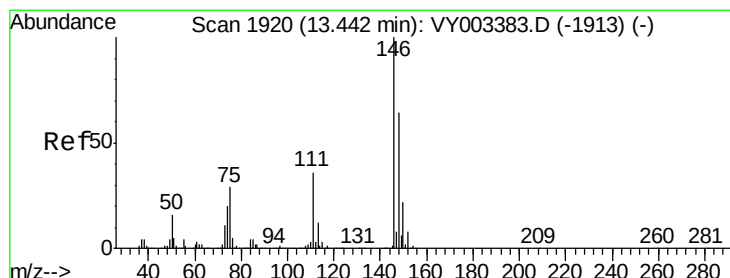
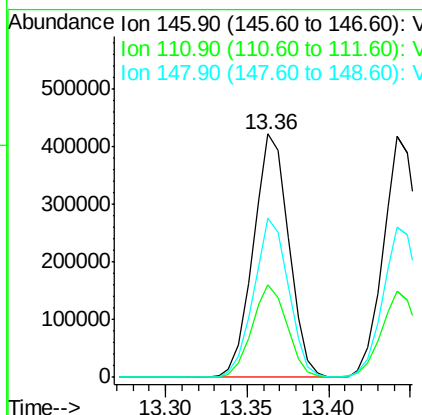
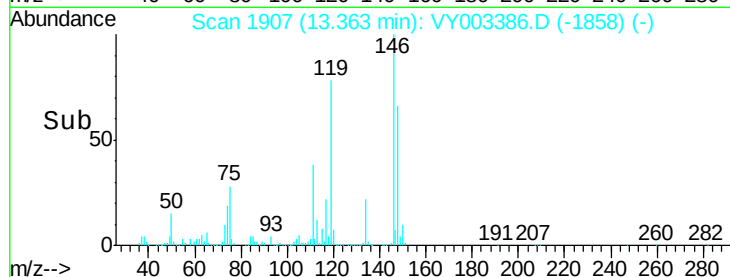
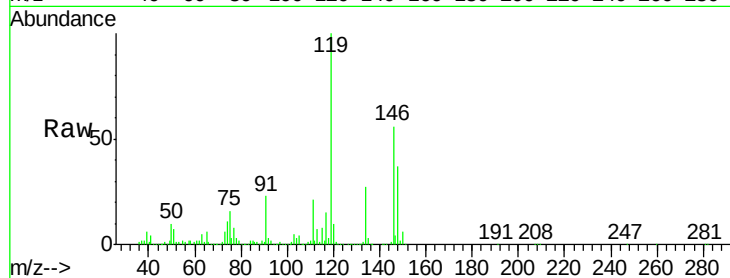
Instrument :
MSVOA_Y

ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	64.5	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.922 ug/l

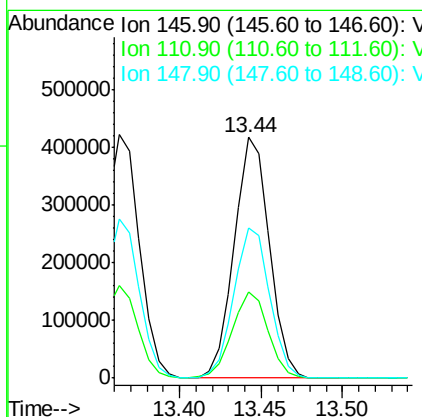
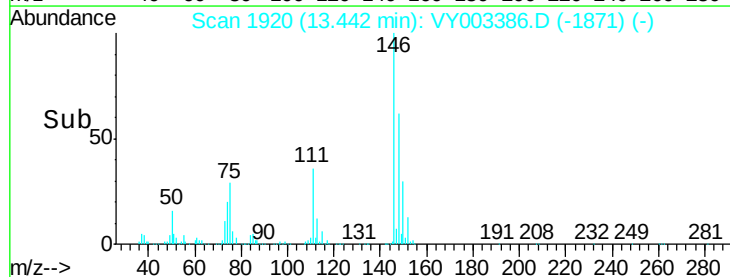
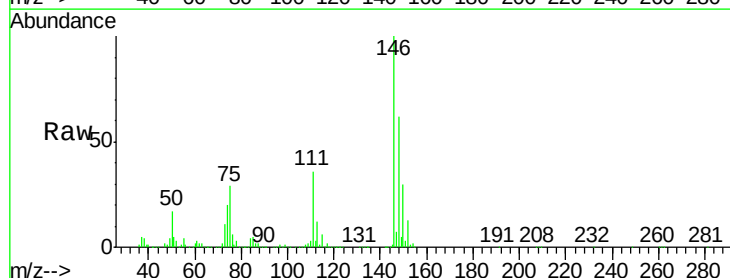
RT: 13.44 min Scan# 1920

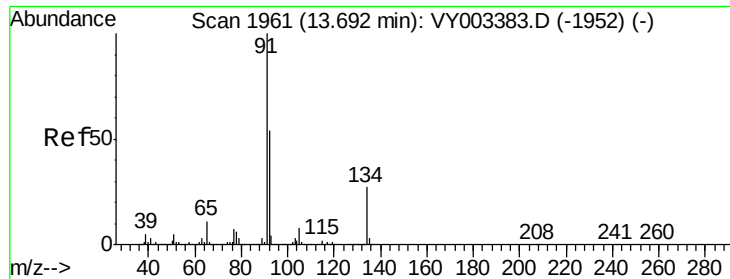
Delta R.T. -0.00 min

Lab File: VY003386.D

Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.3
148	63.6	32.1	96.3





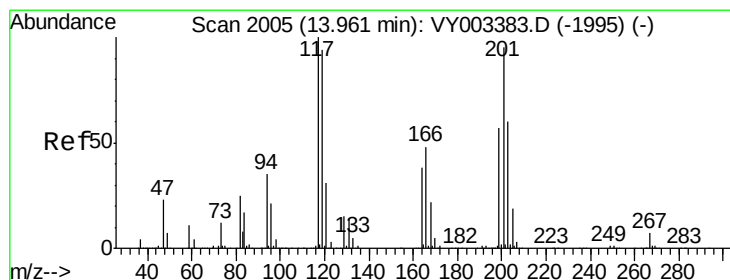
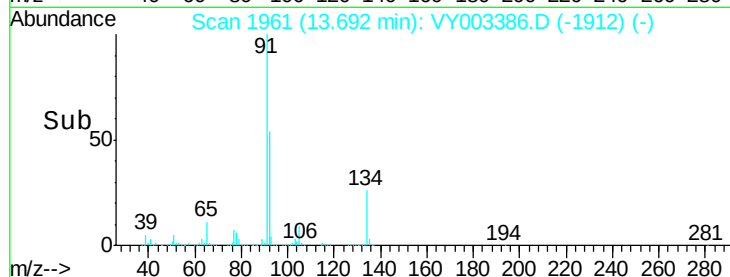
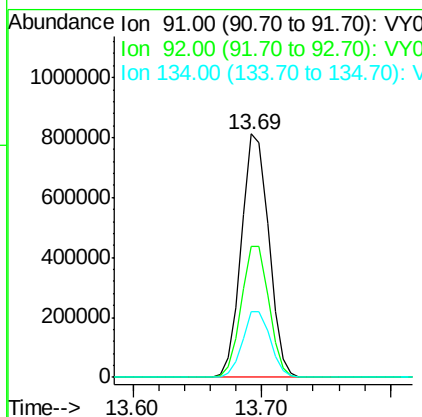
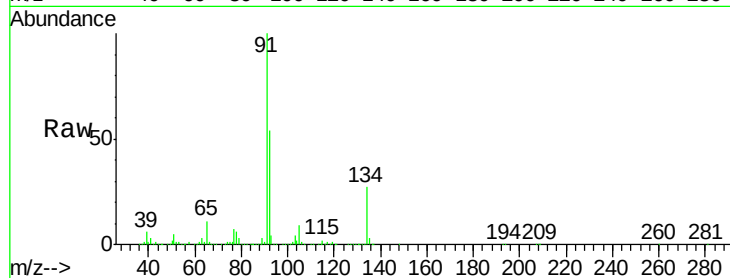
#89
n-Butylbenzene
Concen: 52.562 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.9	80.6
134	27.4	13.6	40.7

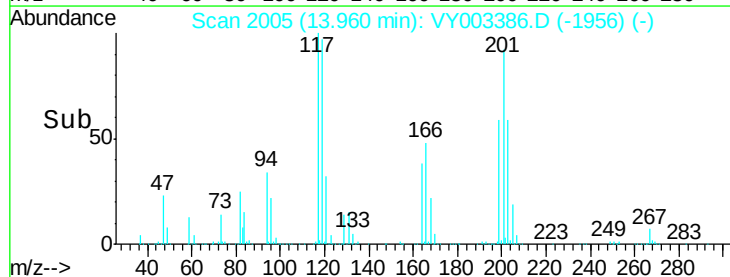
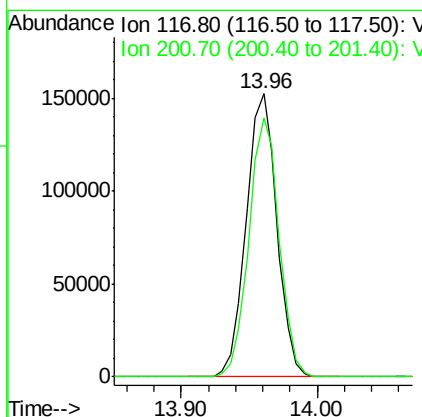
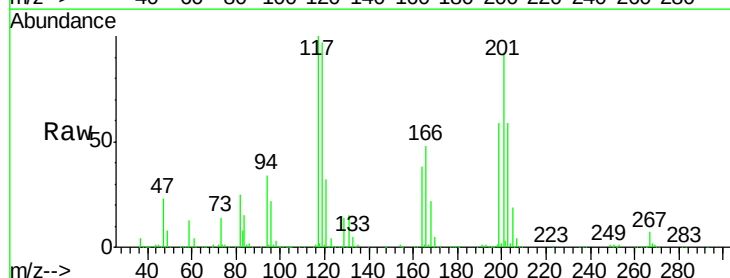
Manual Integrations
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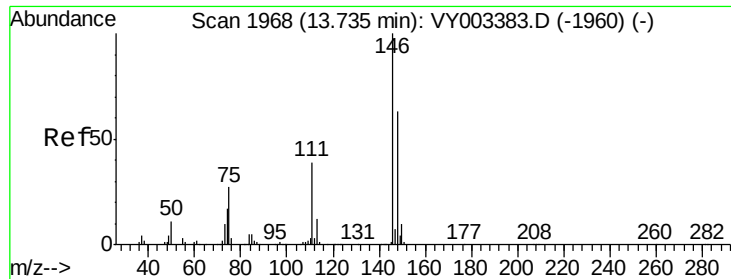
MMDadoda
8/3/2020 12:37:33 PM



#90
Hexachloroethane
Concen: 52.449 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.3	44.7	134.1





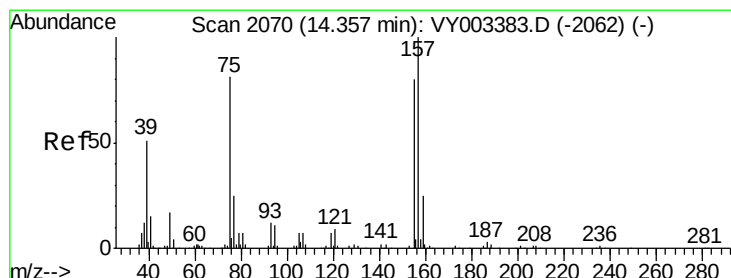
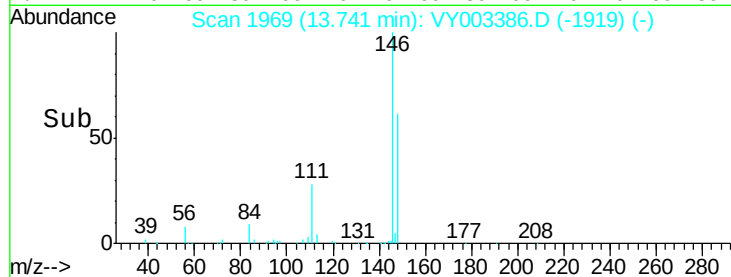
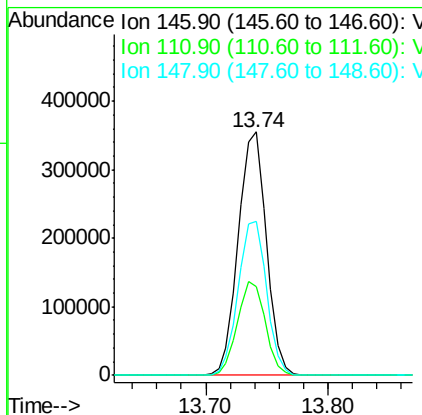
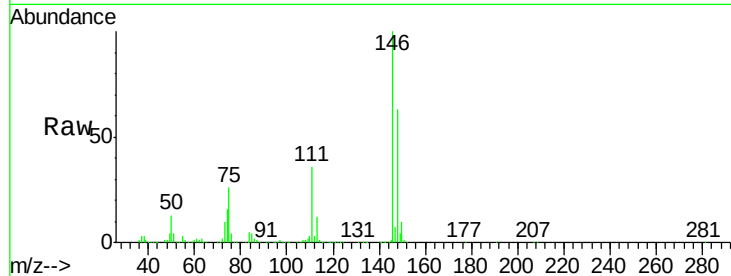
#91
 1,2-Dichlorobenzene
 Concen: 52.065 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.2	57.6
148	63.8	32.1	96.5

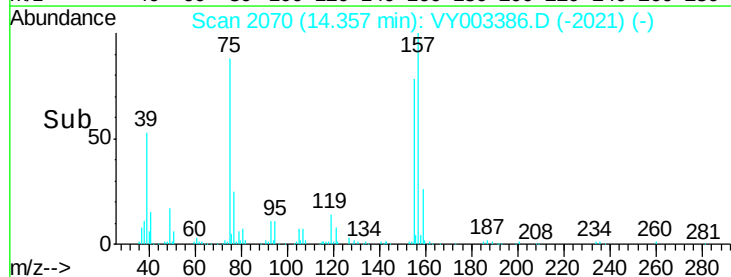
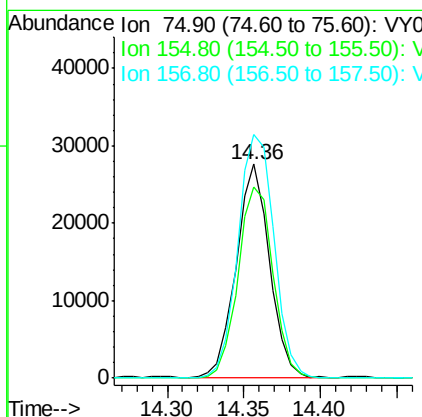
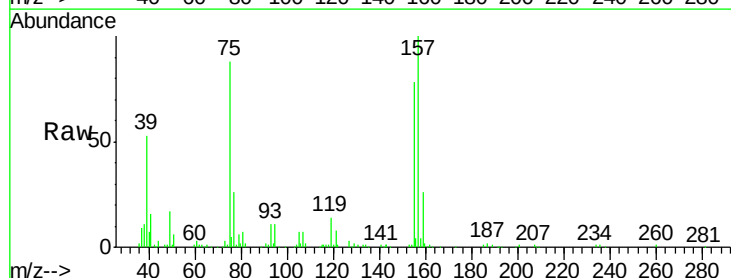
Manual Integrations
 APPROVED

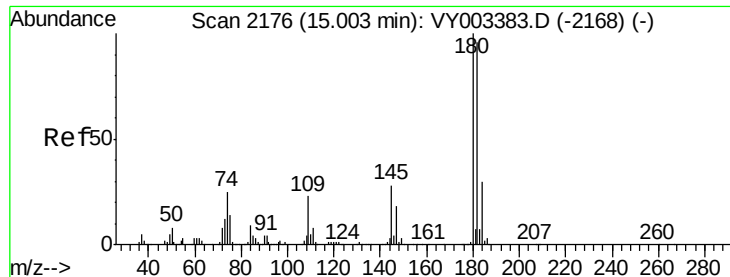
MMDadoda
 8/3/2020 12:37:33 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.299 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	48.8	146.4
157	124.6	60.9	182.6





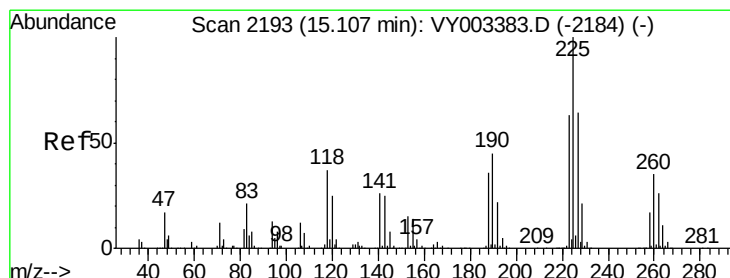
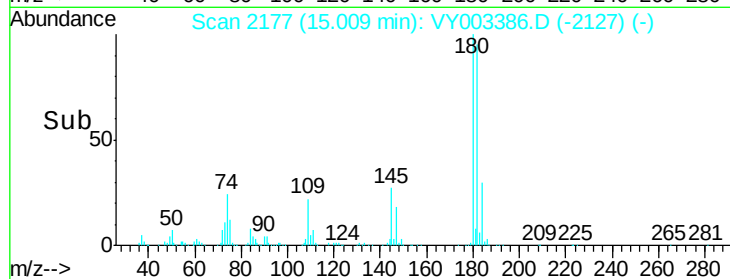
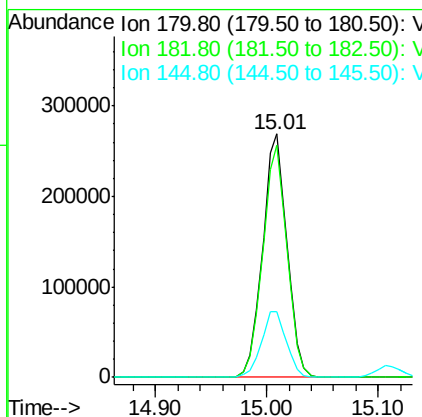
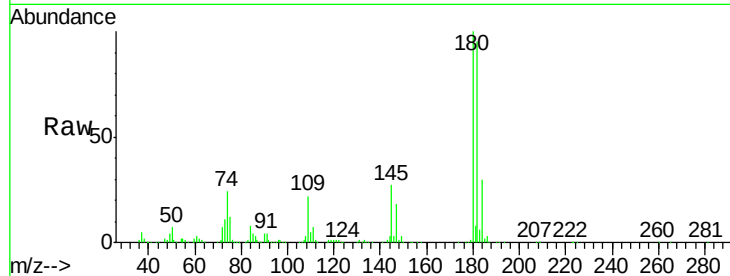
#93
 1,2,4-Trichlorobenzene
 Concen: 53.427 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY073120

Tot Ion	Ratio	Resp	Lower	Upper
180	100	410840		
182	95.2	48.2	144.6	
145	28.0	13.8	41.3	

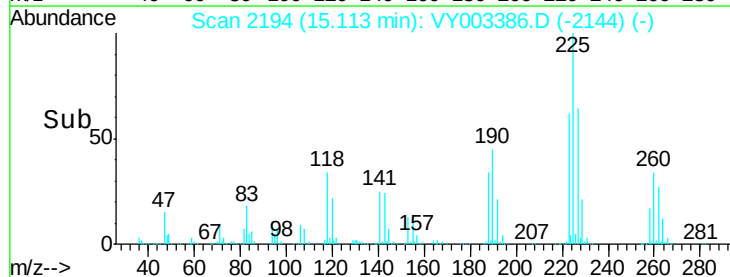
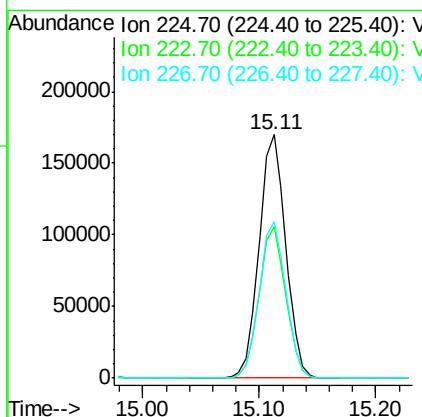
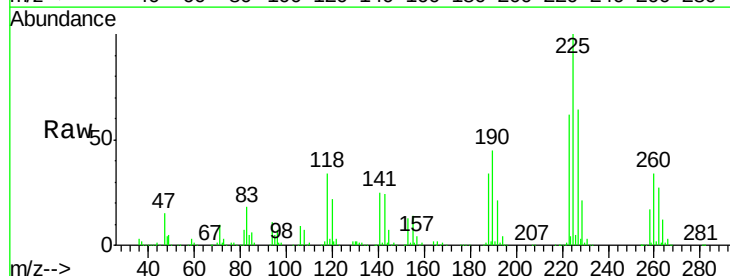
Manual Integrations
 APPROVED

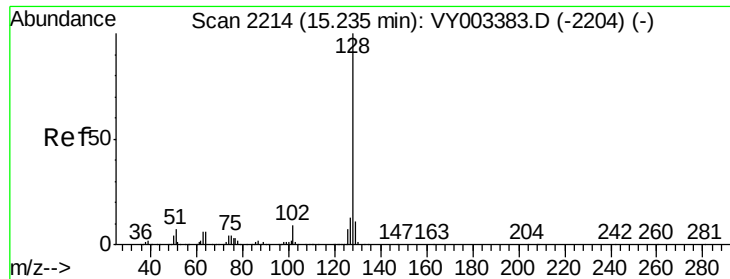
MMDadoda
 8/3/2020 12:37:33 PM



#94
 Hexachlorobutadiene
 Concen: 52.882 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003386.D
 Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	269305		
223	62.1	31.6	94.8	
227	64.4	32.0	96.2	





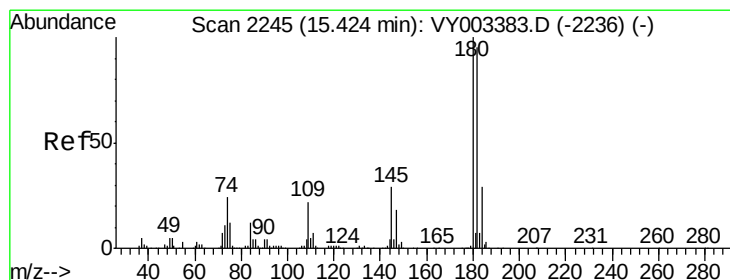
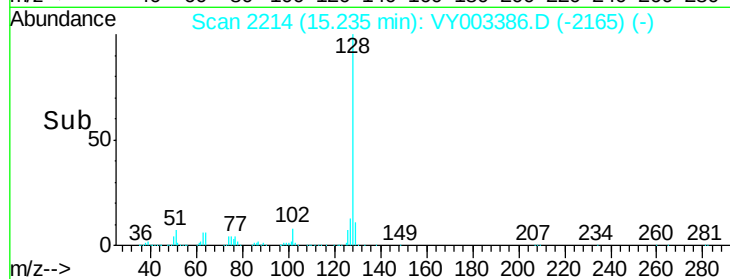
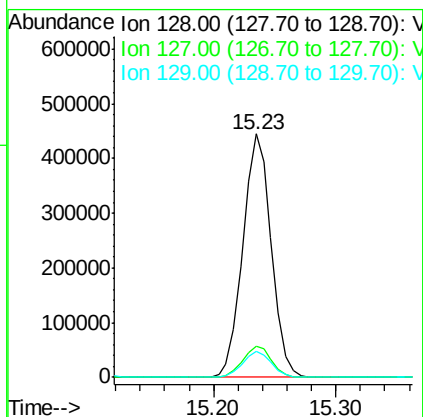
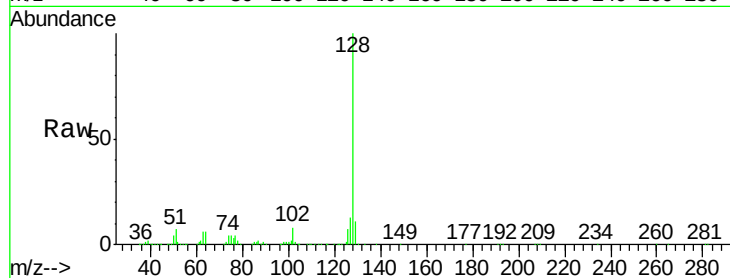
#95
Naphthalene
Concen: 54.574 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY073120

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.403 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003386.D
Acq: 31 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	29.5	14.5	43.5

