

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003306.D
 Acq On : 22 Jul 2020 22:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 7/23/2020 12:23:04 PM

Quant Time: Jul 23 06:39:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	352532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	547287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	522005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	280196	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	165447	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
35) Dibromofluoromethane	7.72	113	157186	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.18	98	565586	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.48	95	205971	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	105138	41.611	ug/l	95
3) Chloromethane	2.12	50	173231	49.428	ug/l	99
4) Vinyl Chloride	2.26	62	173196	48.164	ug/l	100
5) Bromomethane	2.65	94	145444	54.455	ug/l	94
6) Chloroethane	2.80	64	118314	50.094	ug/l	100
7) Trichlorofluoromethane	3.13	101	245516	47.809	ug/l	97
8) Diethyl Ether	3.54	74	97853	56.864	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	145501	46.913	ug/l	97
10) Methyl Iodide	4.10	142	130894	38.846	ug/l	98
11) Tert butyl alcohol	4.96	59	90353	280.821	ug/l	98
12) 1,1-Dichloroethene	3.88	96	143883	49.048	ug/l	97
13) Acrolein	3.74	56	58685	210.140	ug/l	96
14) Allyl chloride	4.49	41	251980	57.888	ug/l	95
15) Acrylonitrile	5.17	53	259074	313.415	ug/l	99
16) Acetone	3.95	43	191949	288.803	ug/l	93
17) Carbon Disulfide	4.20	76	448153	49.785	ug/l	99
18) Methyl Acetate	4.49	43	121992	66.093	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	467593	56.879	ug/l	98
20) Methylene Chloride	4.72	84	190727	57.903	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	172647	52.034	ug/l	94
22) Diisopropyl ether	6.13	45	585626	60.620	ug/l	96
23) Vinyl Acetate	6.07	43	1879582	291.903	ug/l	98
24) 1,1-Dichloroethane	6.02	63	315082	56.296	ug/l	100
25) 2-Butanone	6.99	43	333684	305.776	ug/l	99
26) 2,2-Dichloropropane	6.99	77	237647	47.148	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	203297	55.649	ug/l	99
28) Bromochloromethane	7.34	49	146545	60.476	ug/l	96
29) Tetrahydrofuran	7.35	42	227158	309.860	ug/l	96
30) Chloroform	7.51	83	325394	56.448	ug/l	97
31) Cyclohexane	7.79	56	257324	47.546	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	279211	53.803	ug/l	98
36) 1,1-Dichloropropene	7.93	75	240227	48.431	ug/l	98
37) Ethyl Acetate	7.08	43	153491	57.461	ug/l	97
38) Carbon Tetrachloride	7.91	117	248629	48.554	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	278004	44.615	ug/l	97
40) Benzene	8.16	78	709419	51.942	ug/l	97
41) Methacrylonitrile	7.33	41	94827m	58.942	ug/l	
42) 1,2-Dichloroethane	8.24	62	219426	52.185	ug/l	99
43) Isopropyl Acetate	8.28	43	292021	56.478	ug/l	98
44) Trichloroethene	8.94	130	198188	47.336	ug/l	98
45) 1,2-Dichloropropane	9.22	63	189003	53.481	ug/l	98
46) Dibromomethane	9.31	93	106368	51.532	ug/l	99
47) Bromodichloromethane	9.50	83	262777	53.528	ug/l	99
48) Methyl methacrylate	9.30	41	129929	56.209	ug/l	96
49) 1,4-Dioxane	9.30	88	29207	1114.902	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	770823	286.820	ug/l	98
52) Toluene	10.24	92	443721	50.829	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	265631	52.225	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	304867	52.022	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	156388	53.468	ug/l	98
56) Ethyl methacrylate	10.51	69	220207	55.377	ug/l	97
57) 1,3-Dichloropropane	10.79	76	267335	53.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	611250	301.401	ug/l	97
59) 2-Hexanone	10.83	43	535153	285.254	ug/l	98
60) Dibromochloromethane	10.99	129	195663	53.186	ug/l	99
61) 1,2-Dibromoethane	11.09	107	147078	50.949	ug/l	98
64) Tetrachloroethene	10.72	164	207138	44.504	ug/l	98
65) Chlorobenzene	11.52	112	496542	49.377	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.59	131	197737	50.627	ug/l	99
67) Ethyl Benzene	11.59	91	883867	49.226	ug/l	99
68) m/p-Xylenes	11.70	106	665732	97.719	ug/l	99
69) o-Xylene	12.03	106	317786	49.931	ug/l	98
70) Styrene	12.04	104	563307	51.738	ug/l	100
71) Bromoform	12.20	173	130856	51.047	ug/l	100
73) Isopropylbenzene	12.33	105	856196	47.950	ug/l	99
74) N-amyl acetate	12.14	43	266142	53.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	182595	52.947	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	121615m	49.034	ug/l	
77) Bromobenzene	12.61	156	223203	49.039	ug/l	99
78) n-propylbenzene	12.67	91	1018725	48.401	ug/l	99
79) 2-Chlorotoluene	12.75	91	573642	48.849	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	730217	49.067	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	62724	49.219	ug/l	95
82) 4-Chlorotoluene	12.85	91	601302	49.057	ug/l	100
83) tert-Butylbenzene	13.07	119	632577	48.173	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	746347	49.843	ug/l	98
85) sec-Butylbenzene	13.25	105	873010	48.370	ug/l	100
86) p-Isopropyltoluene	13.36	119	815379	48.385	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	426842	49.592	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	421685	49.484	ug/l	100
89) n-Butylbenzene	13.69	91	754829	47.619	ug/l	99
90) Hexachloroethane	13.95	117	161999	52.787	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	386936	51.227	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28525	51.020	ug/l	99

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VSTDCCC050EC

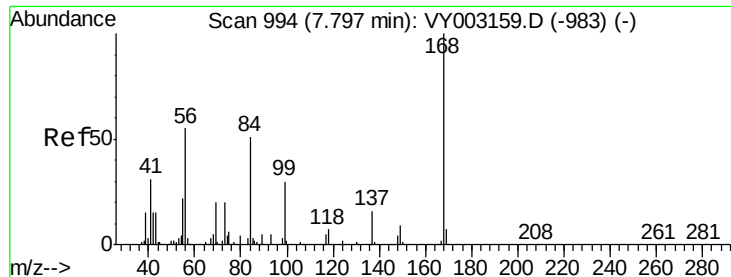
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	258713	48.146	ug/l	100
94) Hexachlorobutadiene	15.11	225	172453	46.837	ug/l	97
95) Naphthalene	15.23	128	462496	52.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	212058	49.923	ug/l	97

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



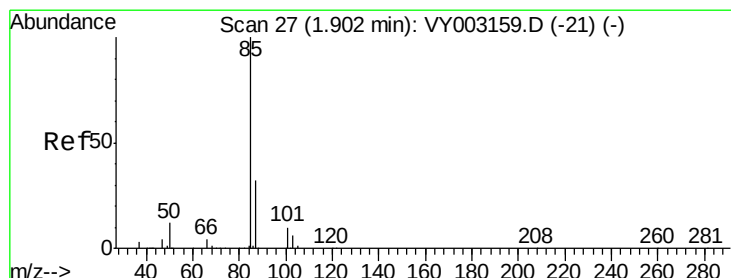
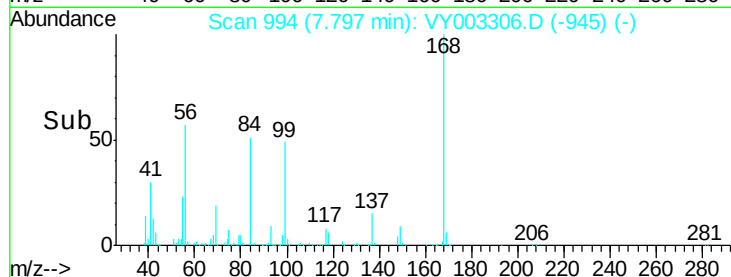
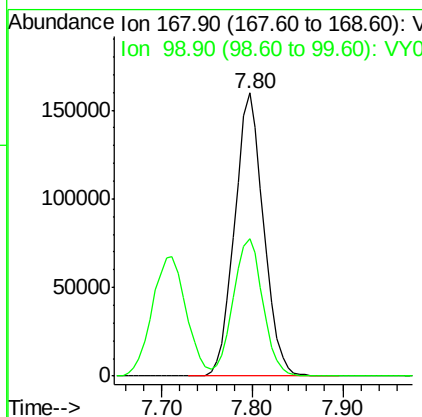
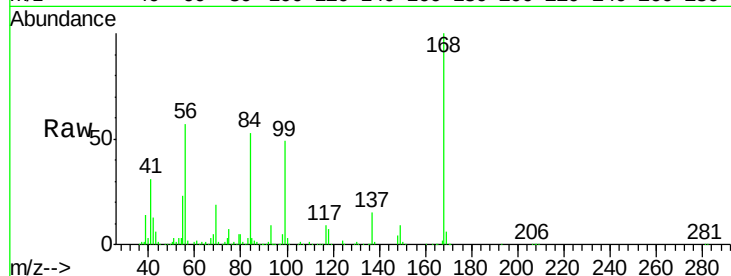
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	37.3	55.9

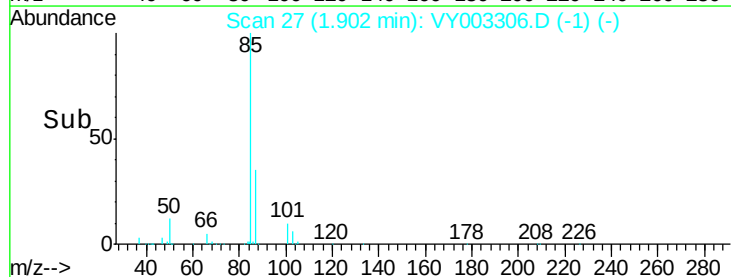
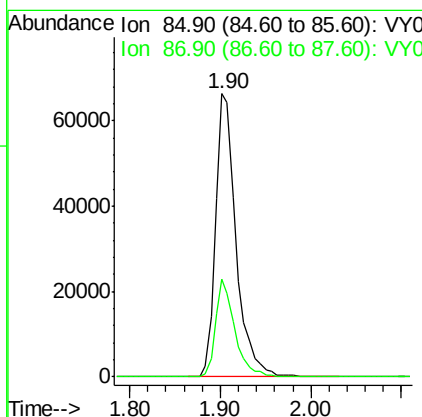
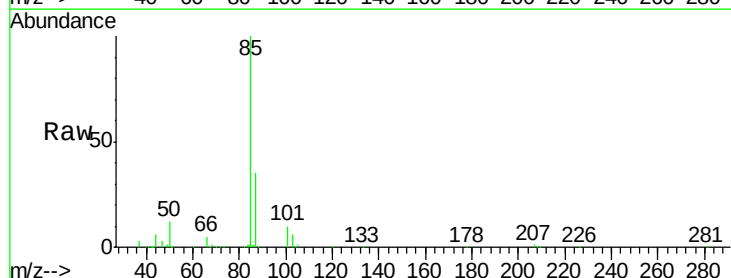
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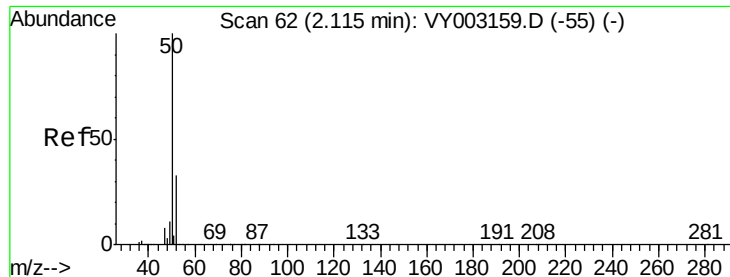
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#2
Dichlorodifluoromethane
Concen: 41.611 ug/l
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.6	15.9	47.7





#3

Chloromethane

Concen: 49.428 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 173231

Ion Ratio Lower Upper

50 100

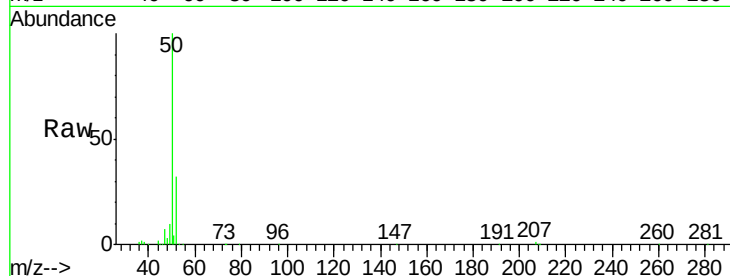
52 32.4 26.6 39.8

Manual Integrations

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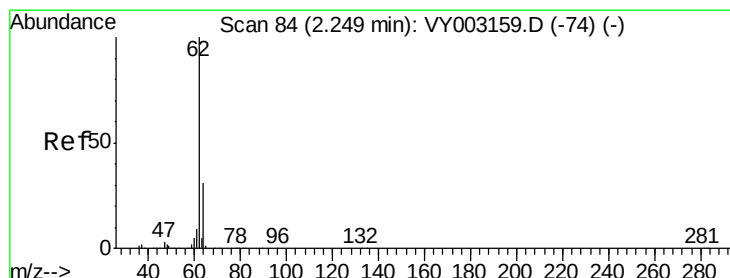
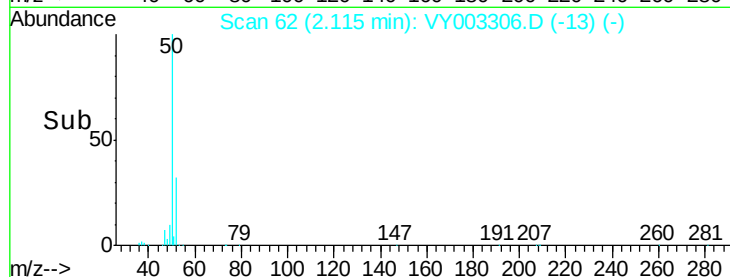
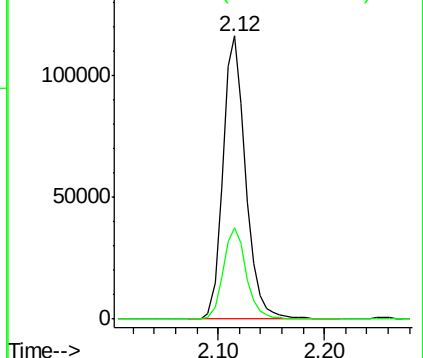
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 48.164 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003306.D

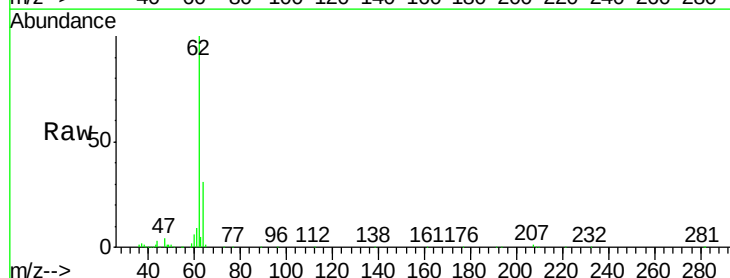
Acq: 22 Jul 2020 22:21

Tgt Ion: 62 Resp: 173196

Ion Ratio Lower Upper

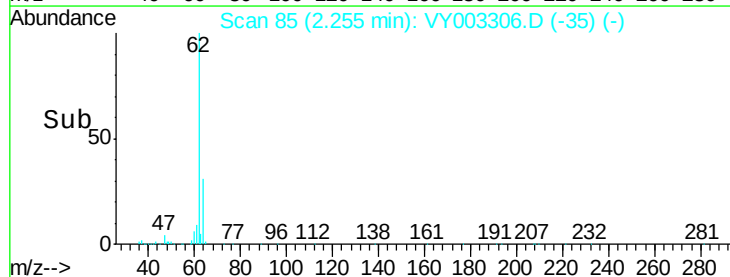
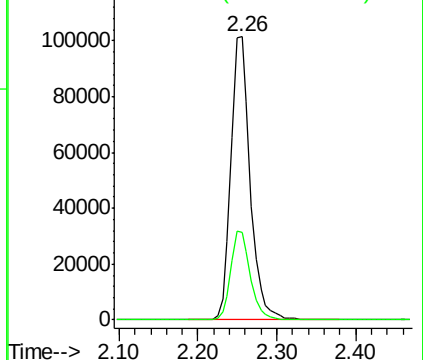
62 100

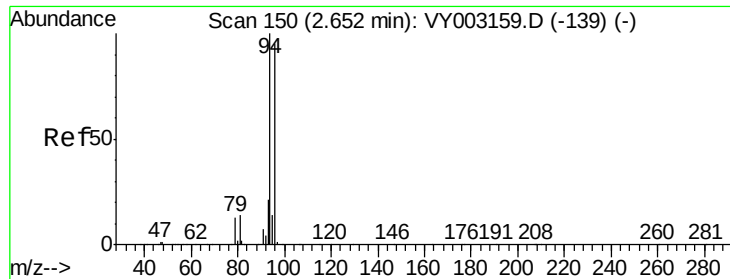
64 31.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 54.455 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 145444

Ion Ratio Lower Upper

94 100

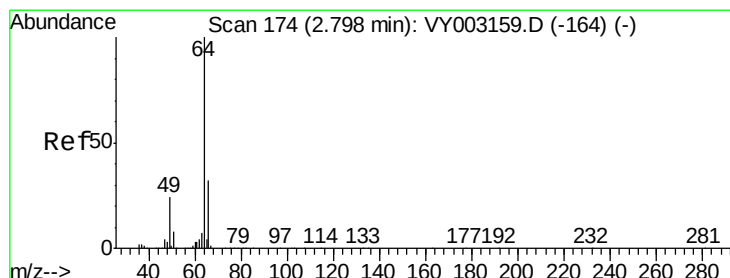
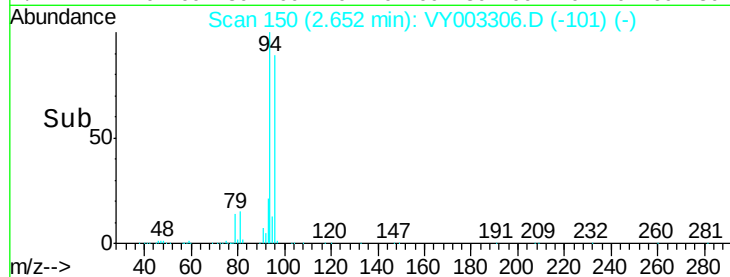
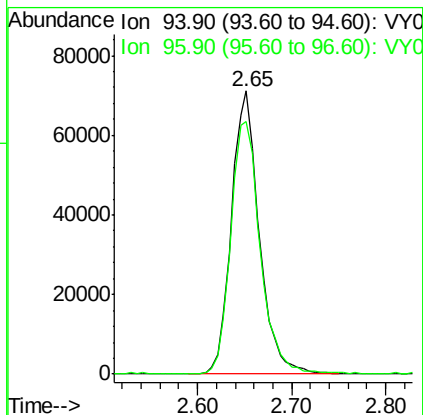
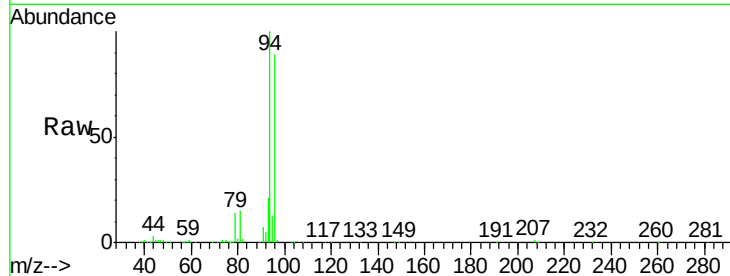
96 89.0 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 50.094 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003306.D

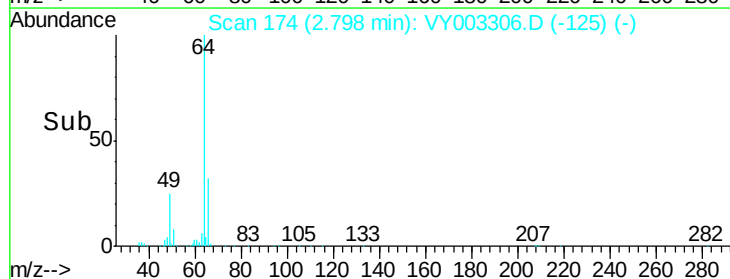
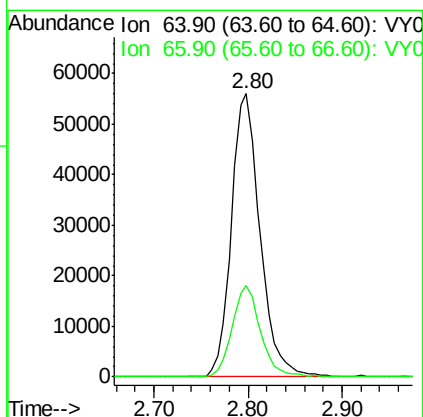
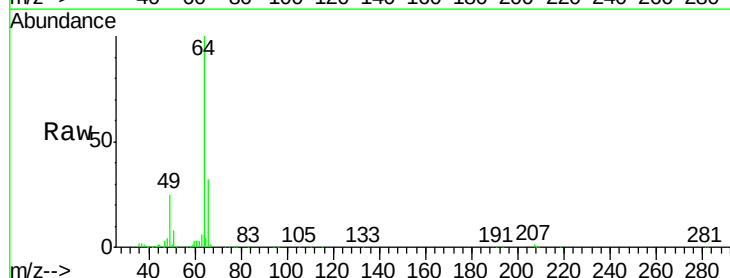
Acq: 22 Jul 2020 22:21

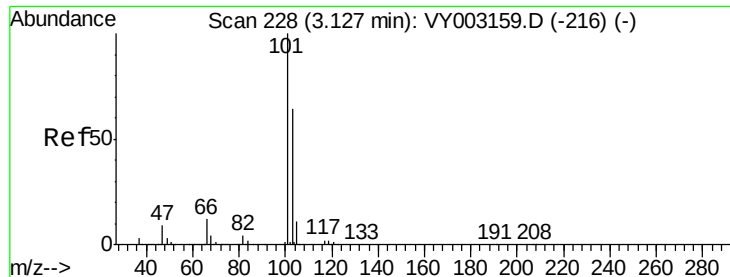
Tgt Ion: 64 Resp: 118314

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0





#7

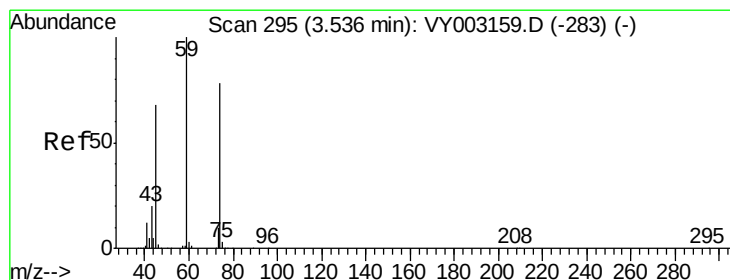
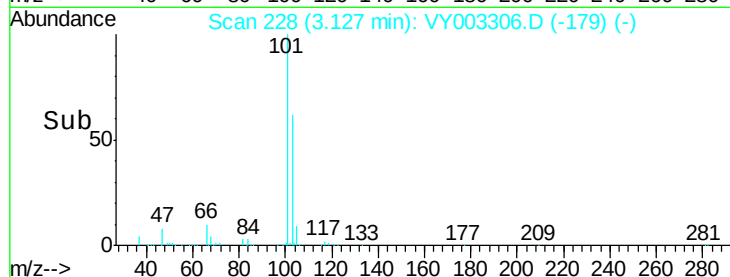
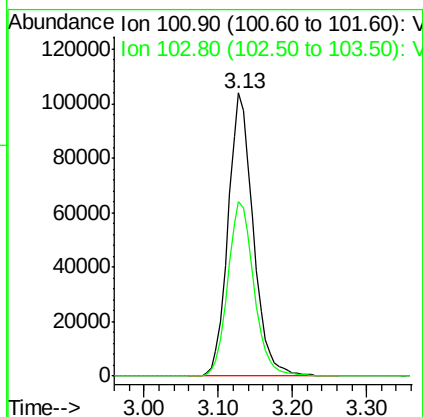
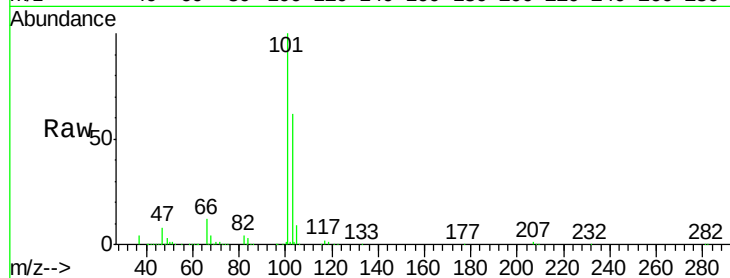
Trichlorofluoromethane
Concen: 47.809 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	51.3	76.9

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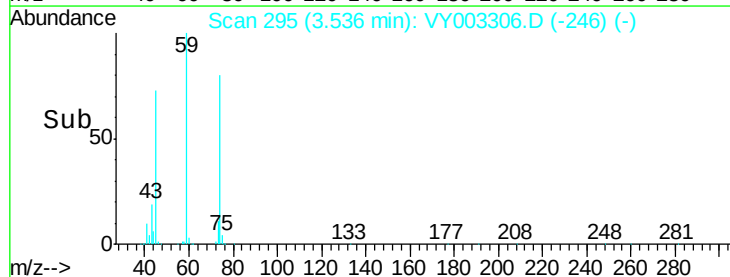
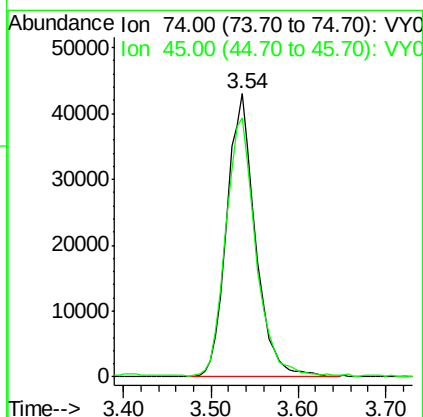
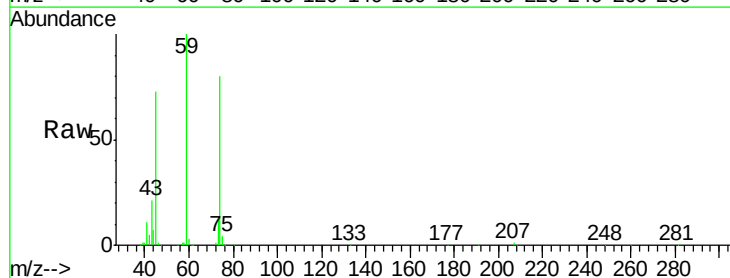
MMDadoda
7/23/2020 12:23:04 PM

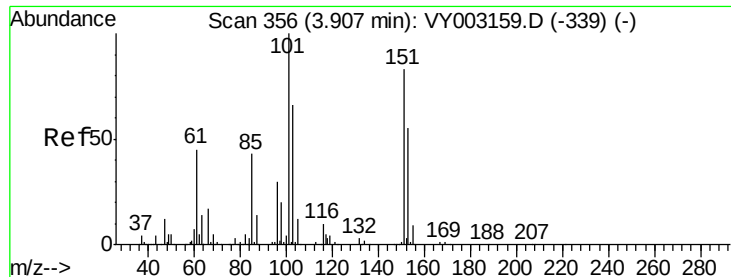


#8

Diethyl Ether
Concen: 56.864 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.913 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

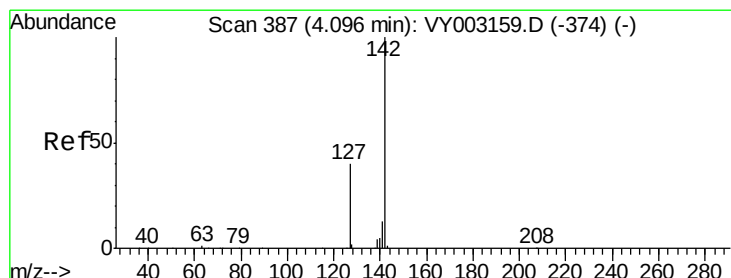
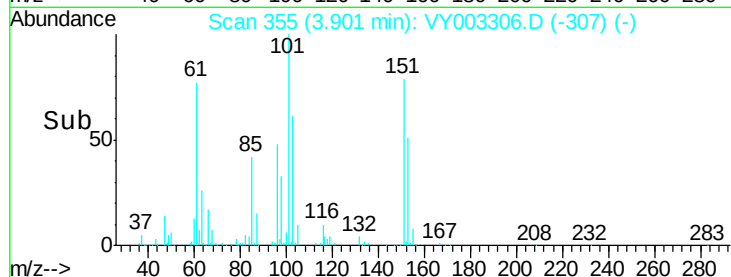
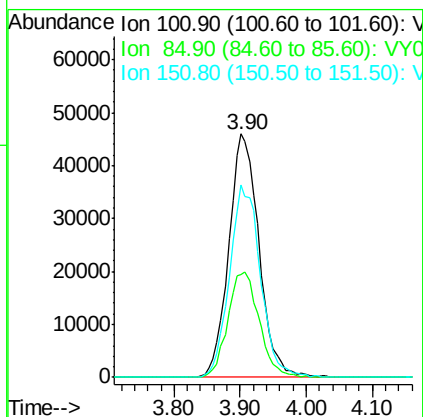
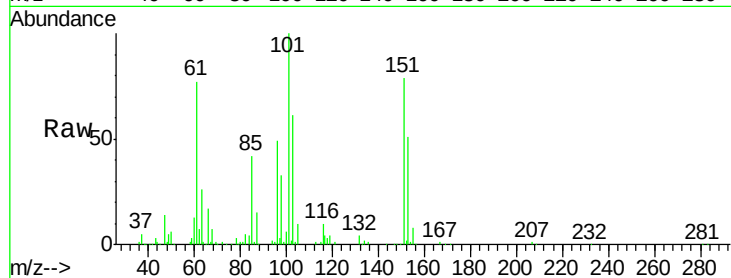
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	145501
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.9	52.3
151	81.1	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 38.846 ug/l

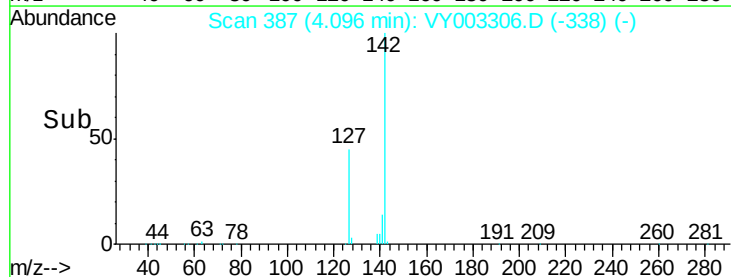
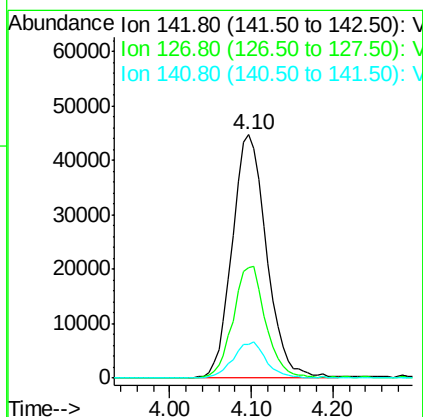
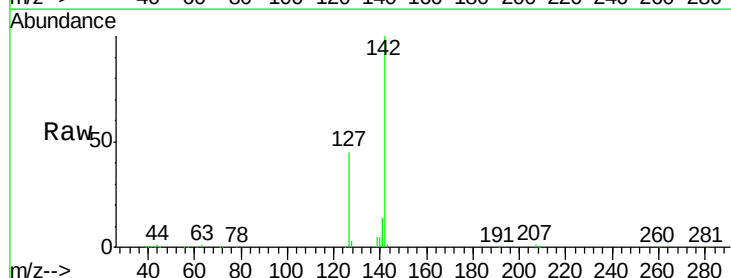
RT: 4.10 min Scan# 387

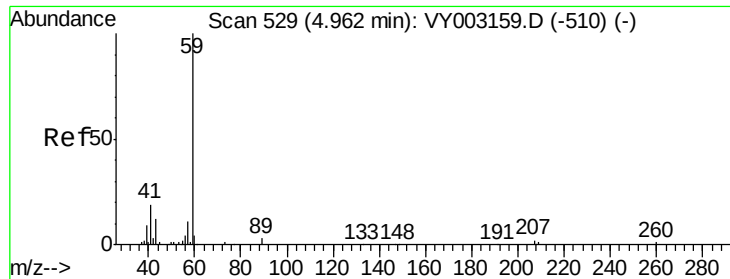
Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion:	142	Resp:	130894
Ion Ratio	Lower	Upper	
142	100		
127	43.5	33.5	50.3
141	14.2	11.2	16.8





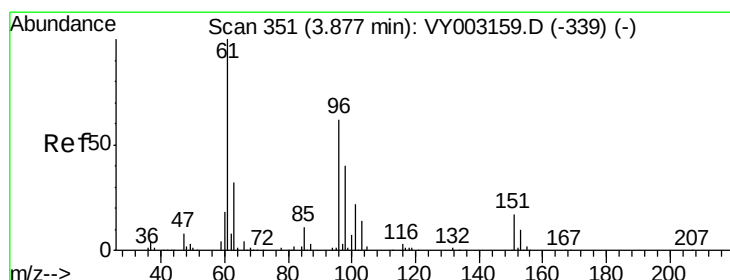
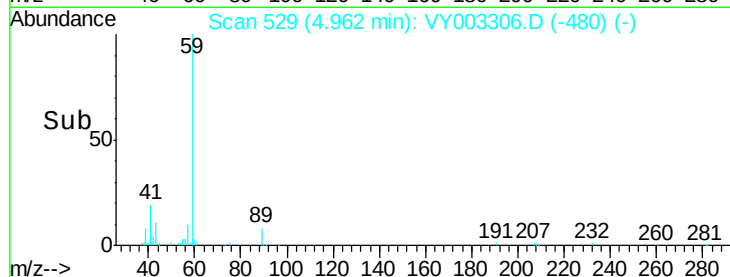
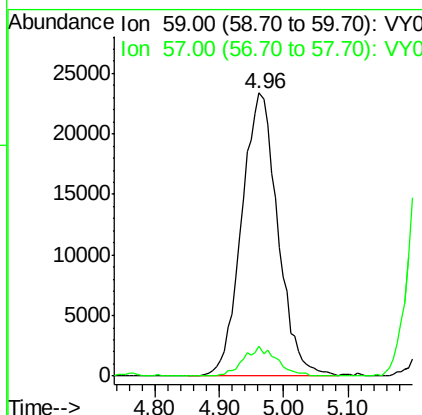
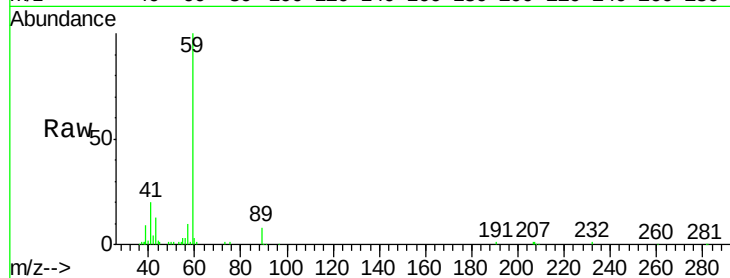
#11
Tert butyl alcohol
Concen: 280.821 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.4	12.6

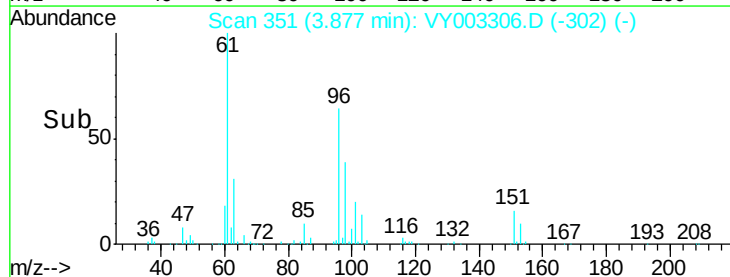
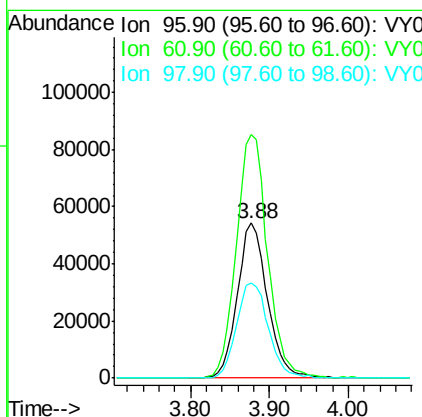
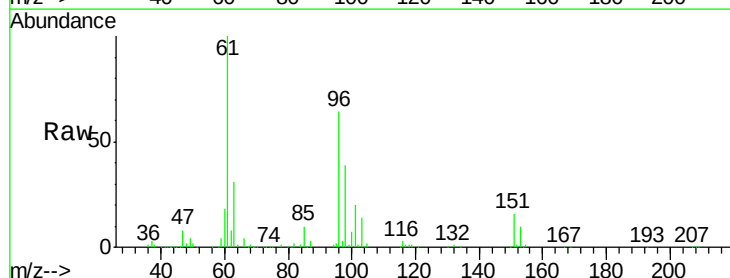
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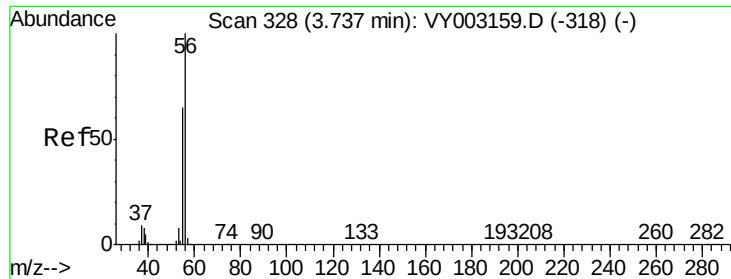
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.048 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	128.6	193.0
98	61.3	51.6	77.4





#13

Acrolein

Concen: 210.140 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 58685

Ion Ratio Lower Upper

56 100

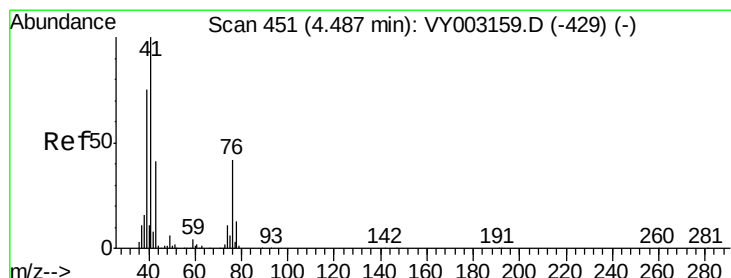
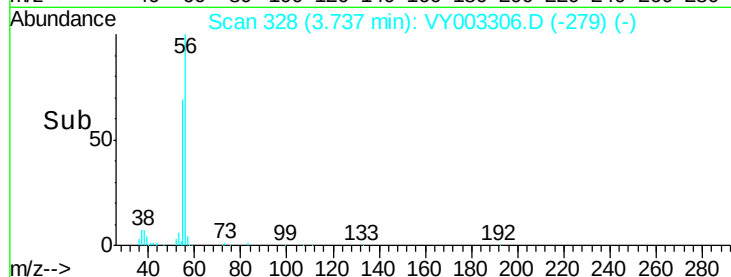
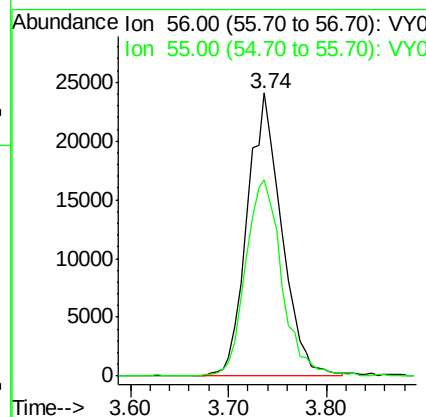
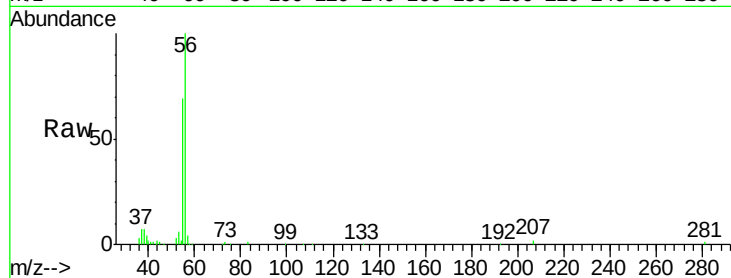
55 73.4 56.0 84.0

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#14

Allyl chloride

Concen: 57.888 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

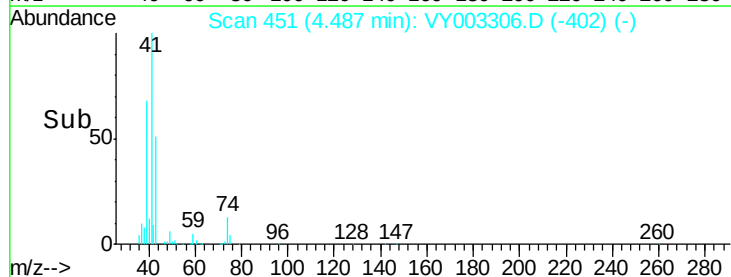
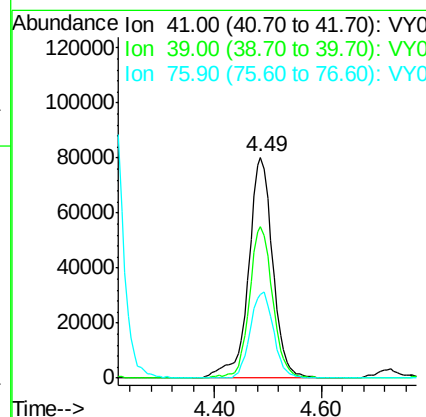
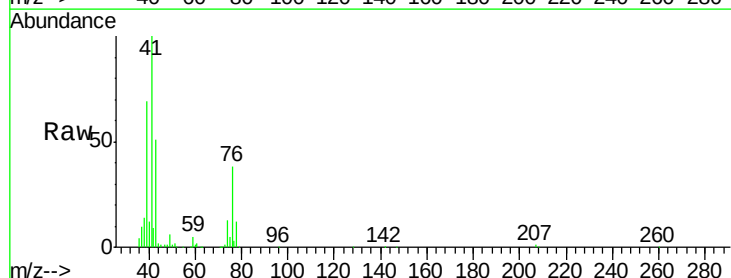
Tgt Ion: 41 Resp: 251980

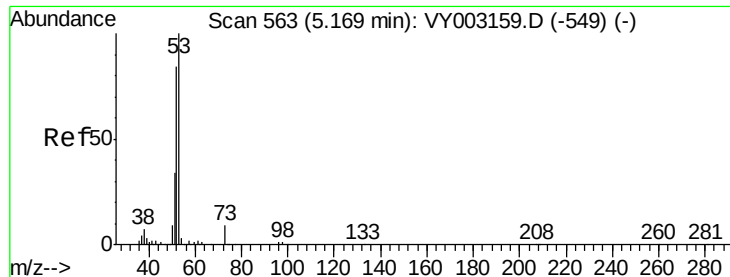
Ion Ratio Lower Upper

41 100

39 66.1 56.6 85.0

76 37.6 31.6 47.4





#15

Acrylonitrile

Concen: 313.415 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

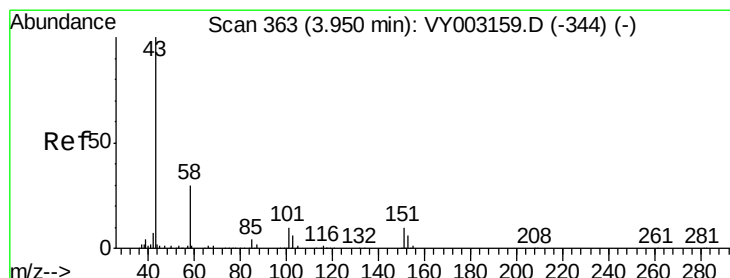
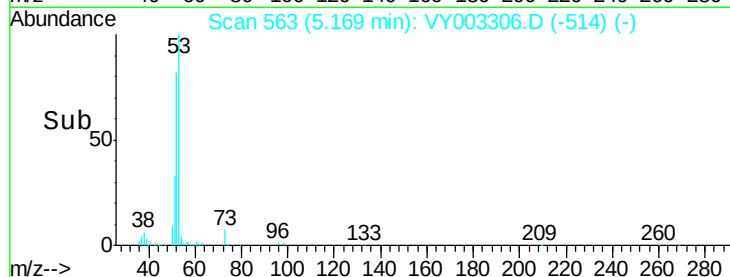
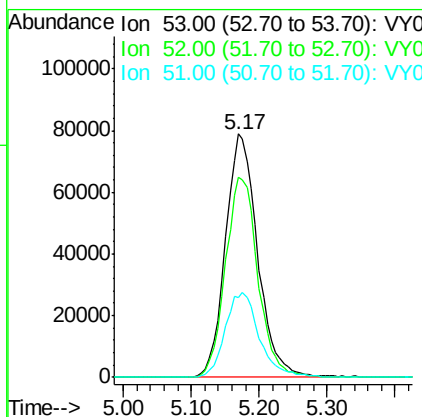
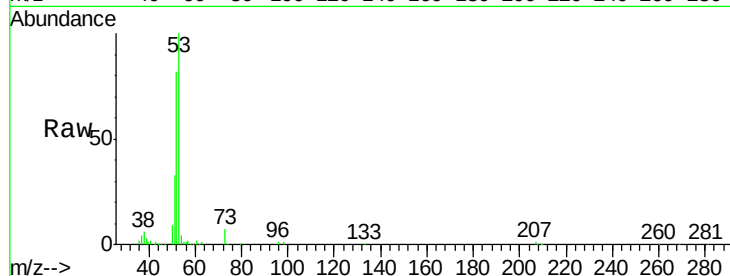
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	259074
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	36.9	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 288.803 ug/l

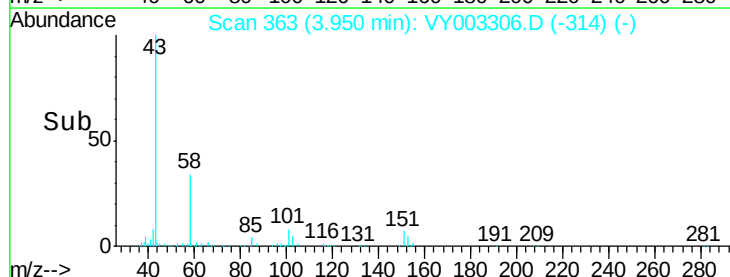
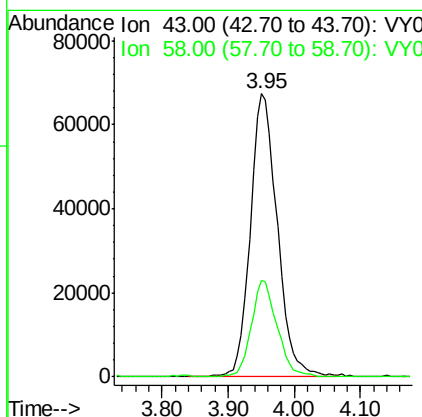
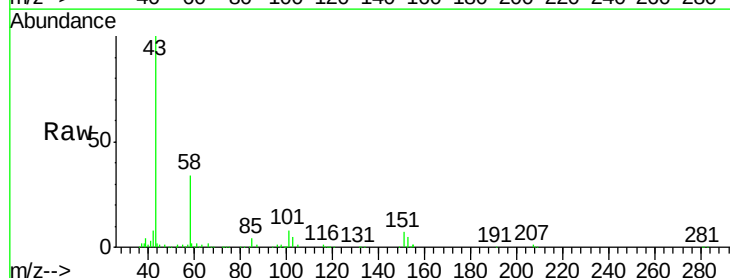
RT: 3.95 min Scan# 363

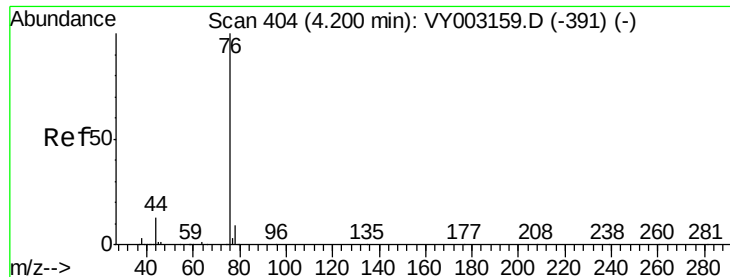
Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion:	43	Resp:	191949
Ion	Ratio	Lower	Upper
43	100		
58	33.7	23.8	35.6





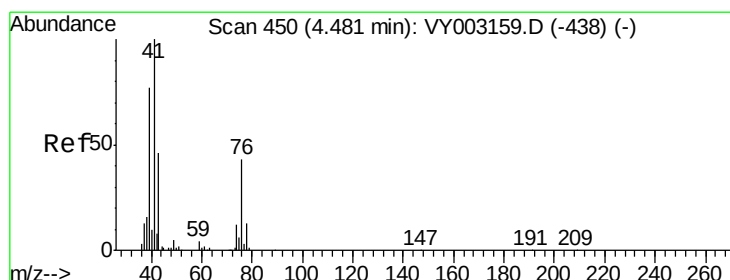
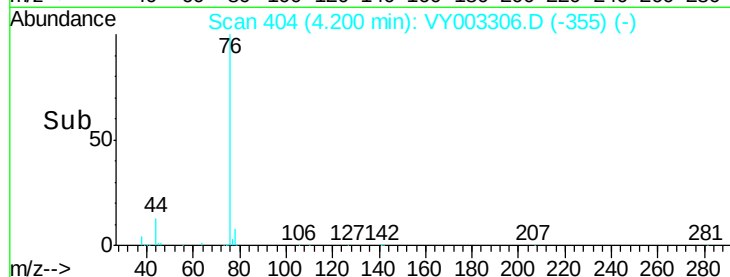
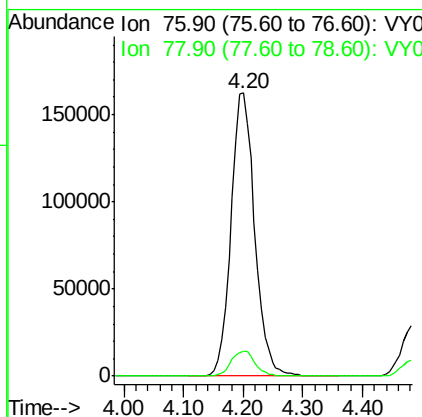
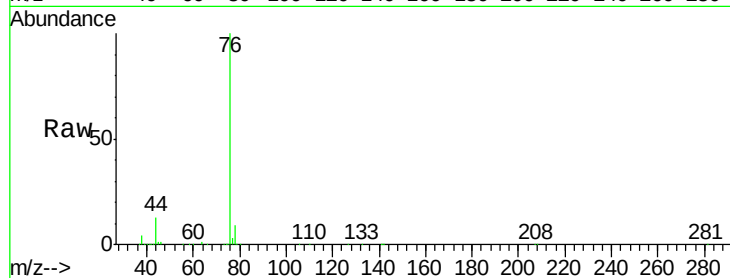
#17
Carbon Disulfide
Concen: 49.785 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

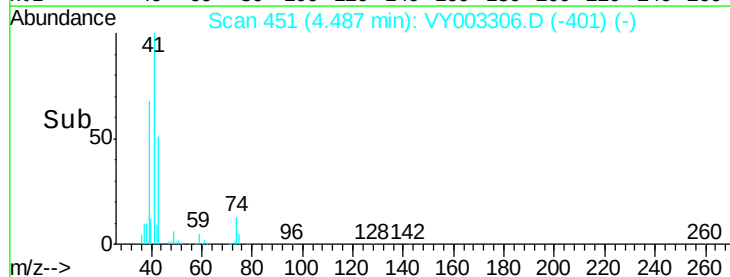
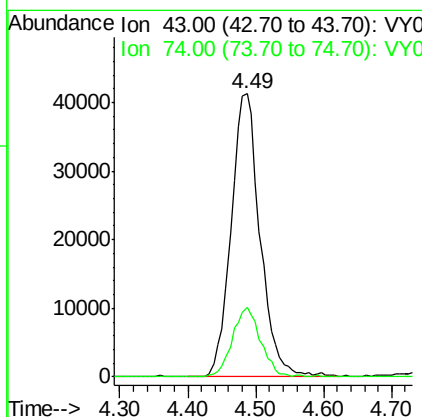
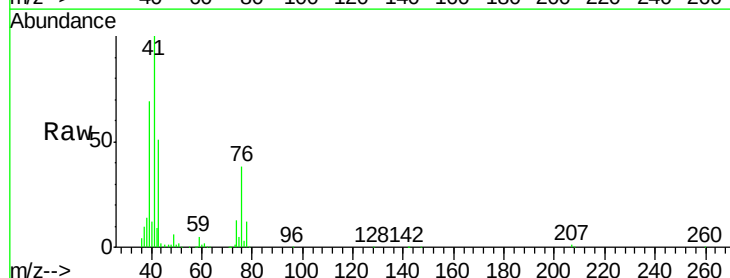
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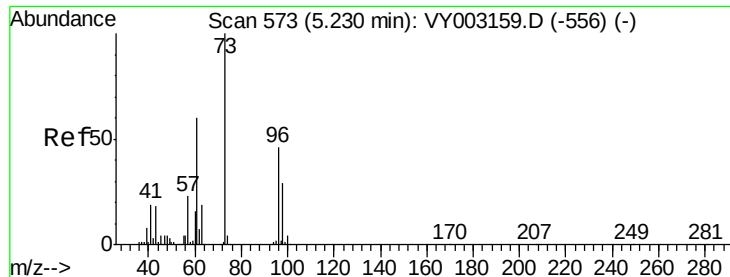
MMDadoda
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#18
Methyl Acetate
Concen: 66.093 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	20.8	31.2





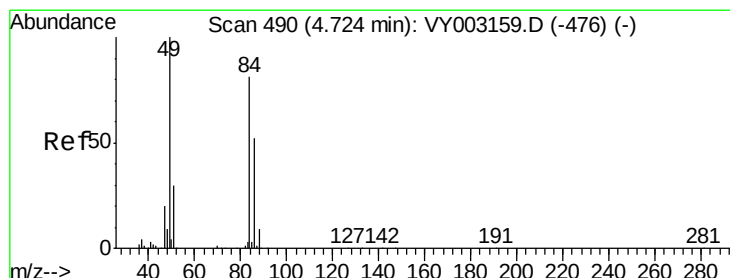
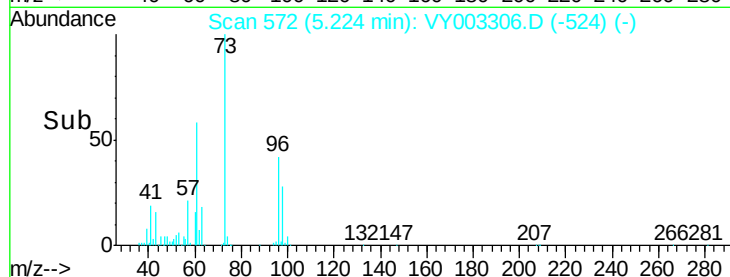
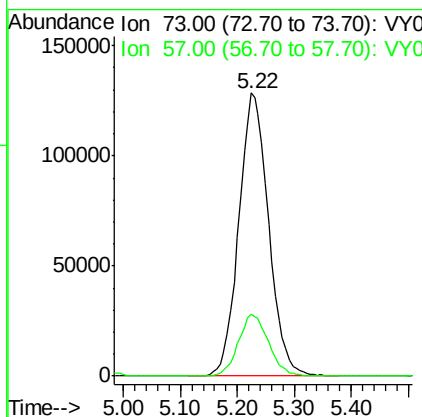
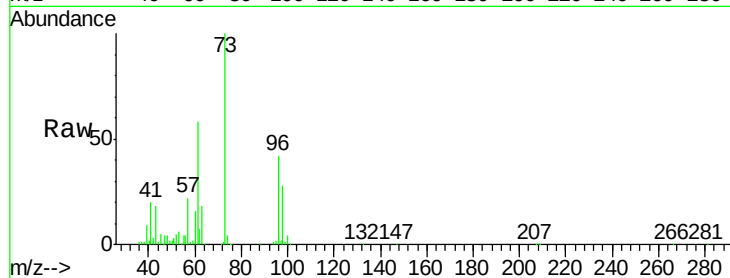
#19
Methyl tert-butyl Ether
Concen: 56.879 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.1	27.1

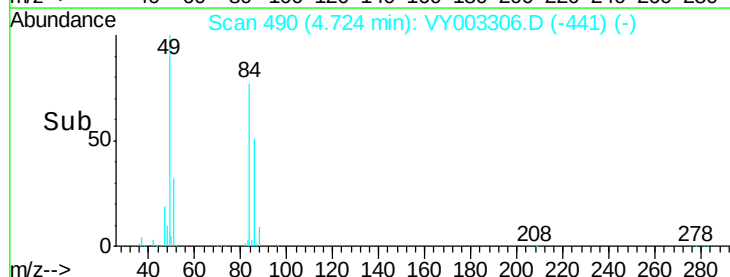
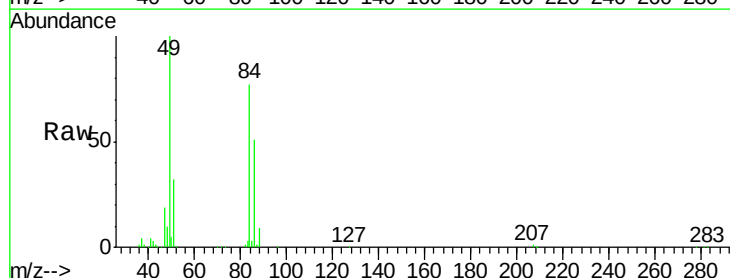
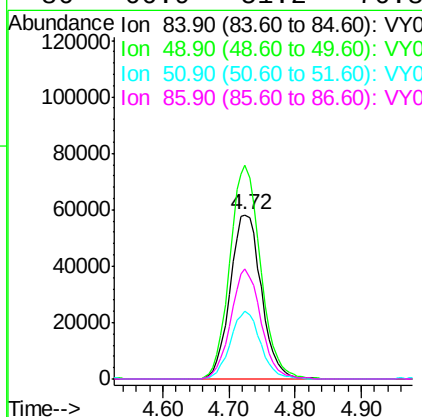
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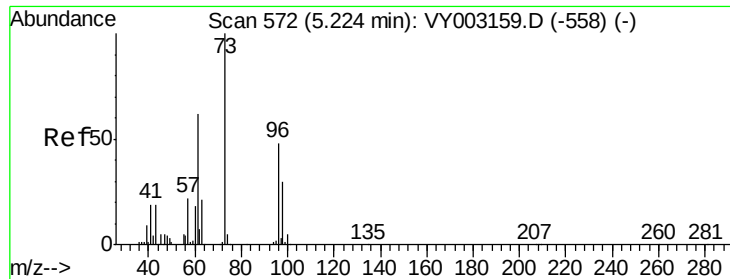
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#20
Methylene Chloride
Concen: 57.903 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.1	98.2	147.4
51	41.0	29.8	44.6
86	66.9	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 52.034 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

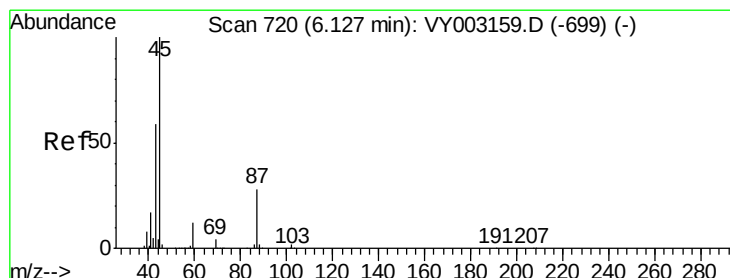
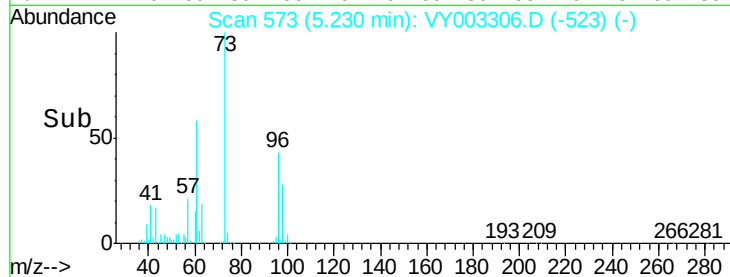
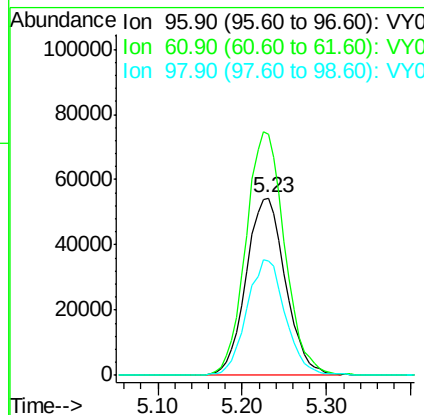
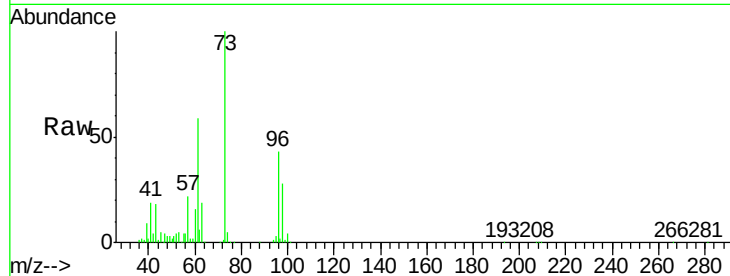
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	172647
Ion	Ratio	Lower	Upper
96	100		
61	135.9	102.5	153.7
98	64.6	49.8	74.8

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#22

Diisopropyl ether

Concen: 60.620 ug/l

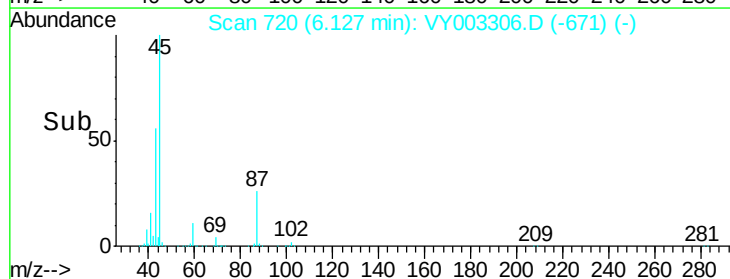
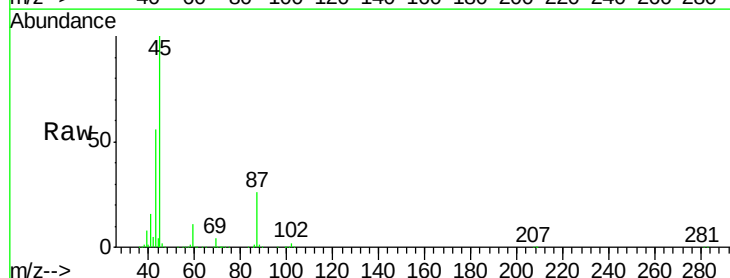
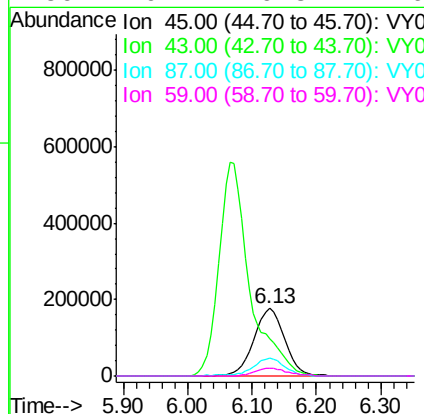
RT: 6.13 min Scan# 720

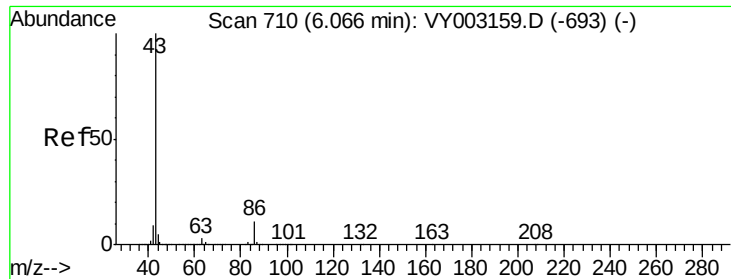
Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion:	45	Resp:	585626
Ion	Ratio	Lower	Upper
45	100		
43	55.3	47.0	70.4
87	26.0	22.6	33.8
59	10.4	9.8	14.6





#23

Vinyl Acetate

Concen: 291.903 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1879582

Ion Ratio Lower Upper

43 100

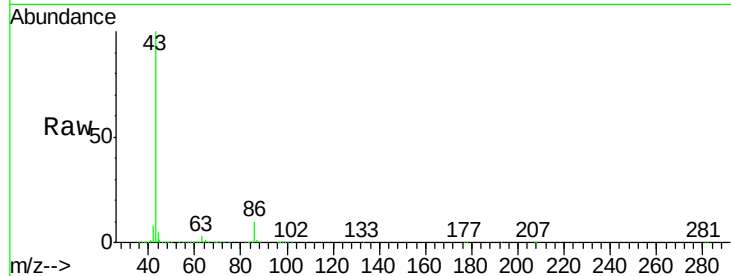
86 10.3 8.8 13.2

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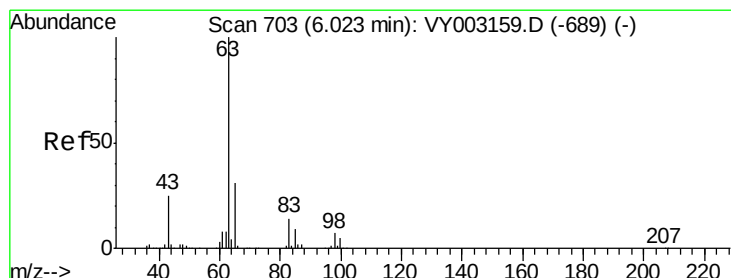
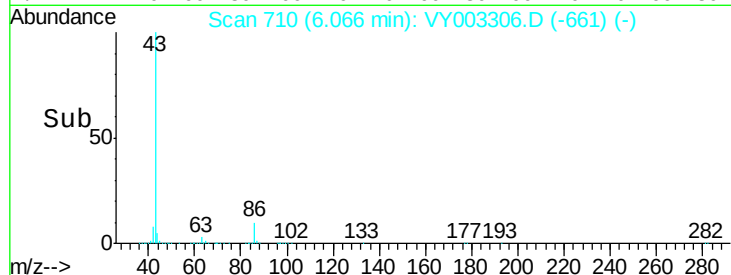
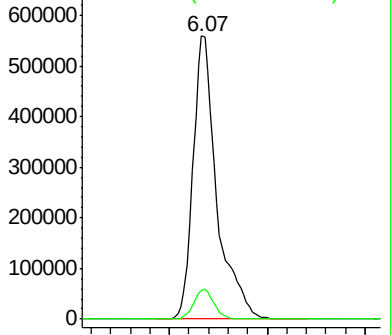
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 56.296 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

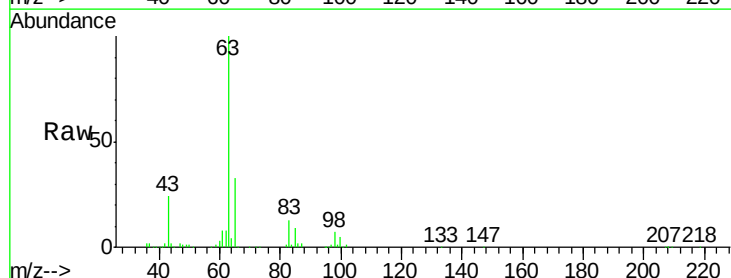
Tgt Ion: 63 Resp: 315082

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

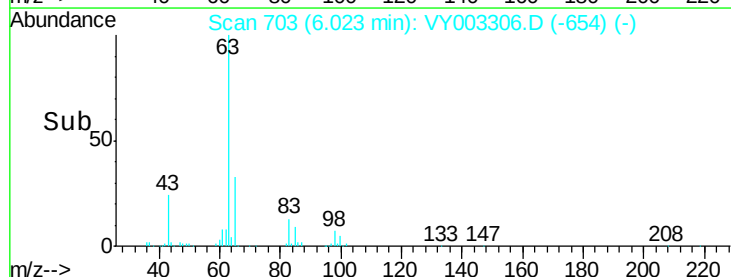
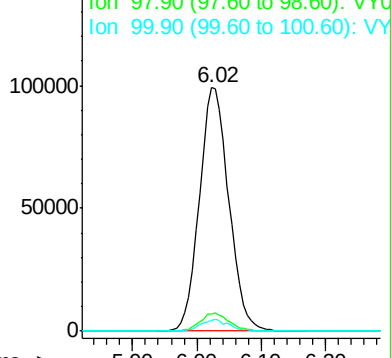
100 4.6 2.4 7.2

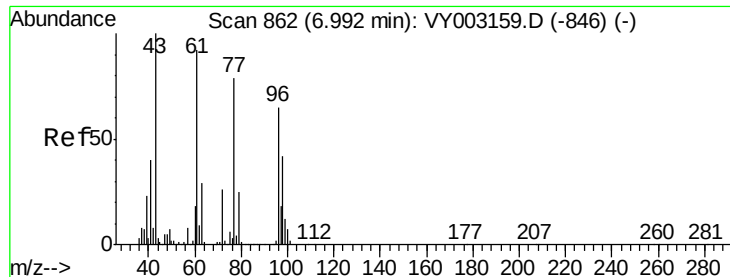


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 305.776 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 333684

Ion Ratio Lower Upper

43 100

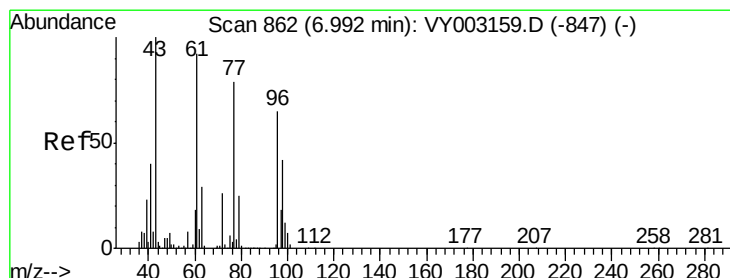
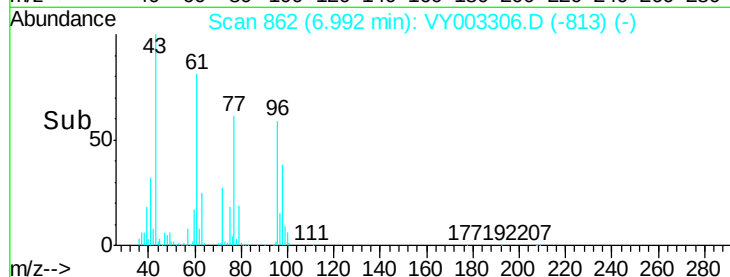
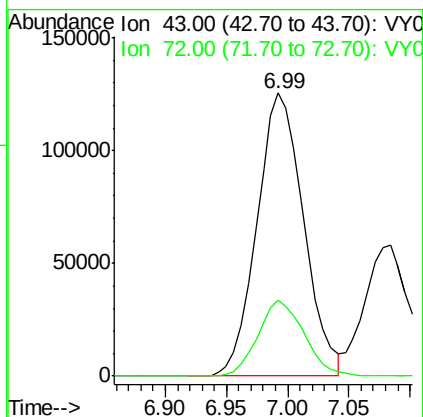
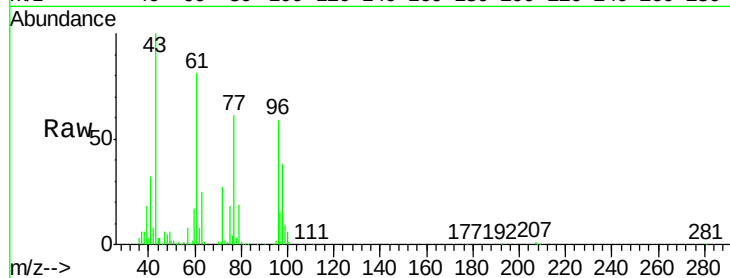
72 26.7 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.148 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003306.D

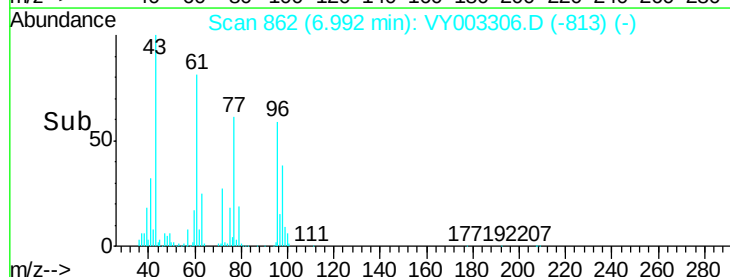
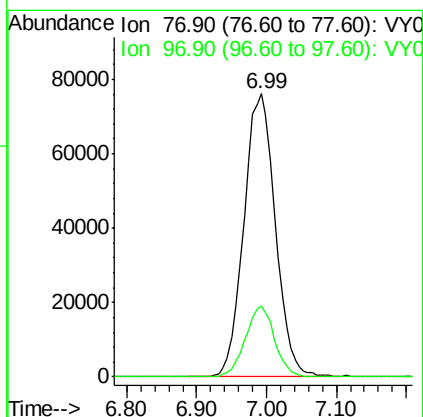
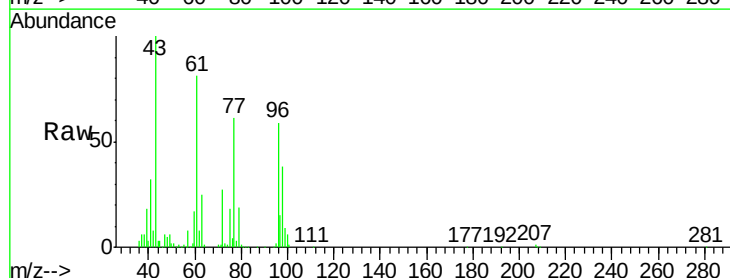
Acq: 22 Jul 2020 22:21

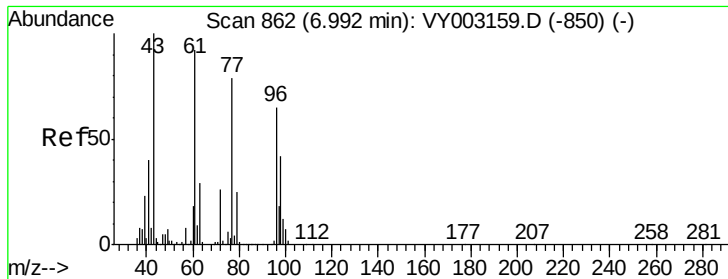
Tgt Ion: 77 Resp: 237647

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

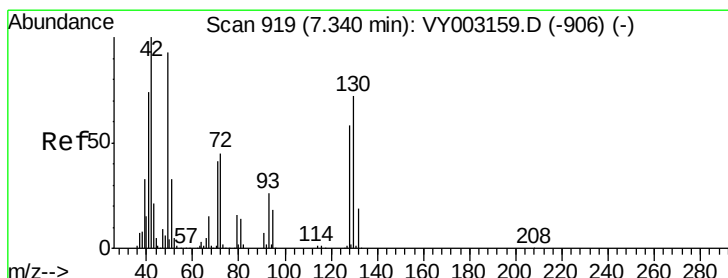
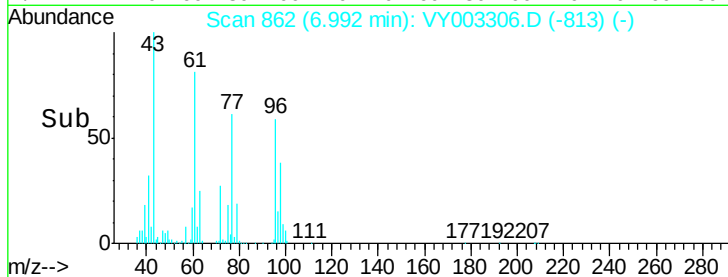
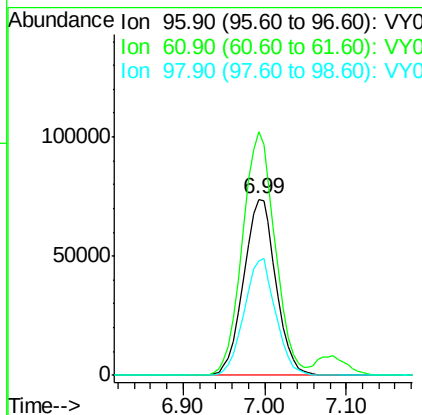
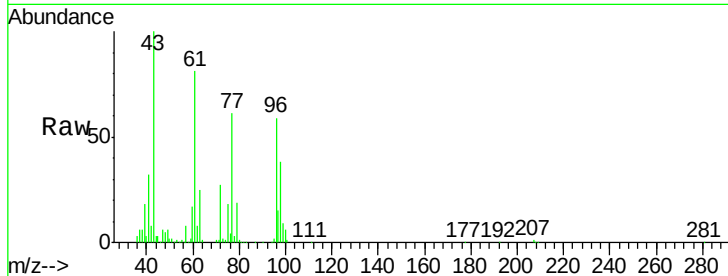
cis-1,2-Dichloroethene
 Concen: 55.649 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	203297		
61	139.5	0.0	281.2	
98	64.6	0.0	129.8	

Manual Integrations
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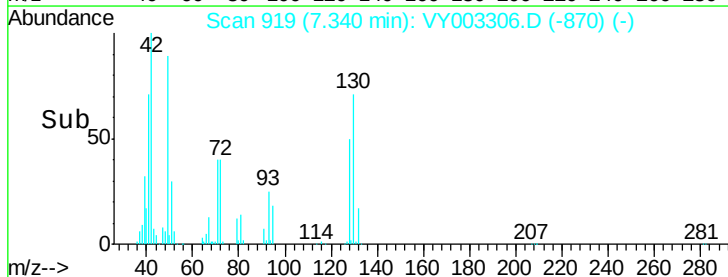
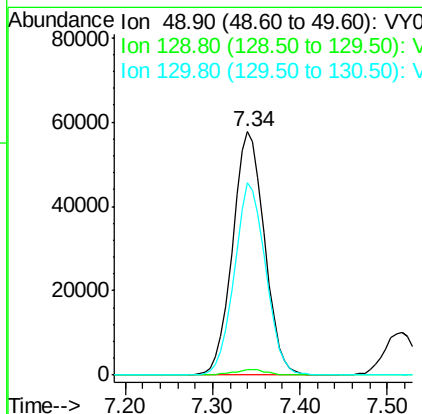
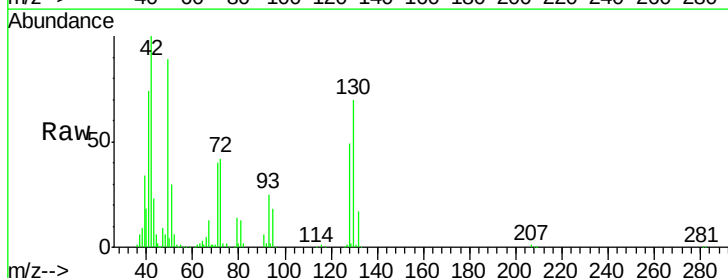
MMDadoda
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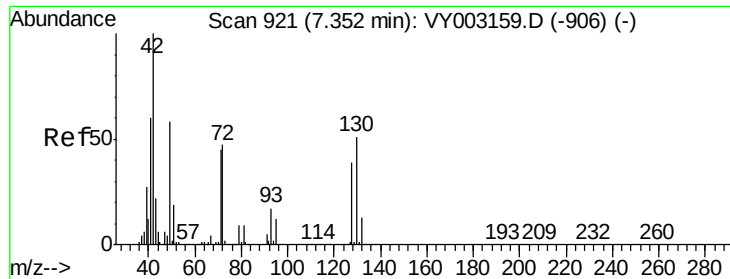


#28

Bromochloromethane
 Concen: 60.476 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	146545		
129	2.3	0.0	5.0	
130	77.5	64.9	97.3	





#29

Tetrahydrofuran

Concen: 309.860 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 227158

Ion Ratio Lower Upper

42 100

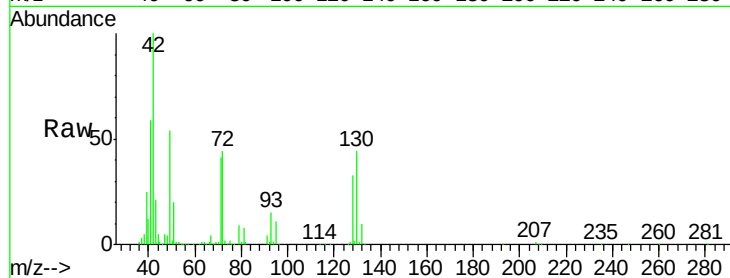
72 43.2 36.7 55.1

71 40.9 34.2 51.4

Manual Integrations
APPROVED

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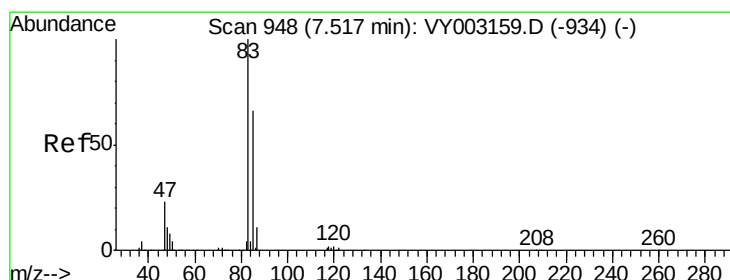
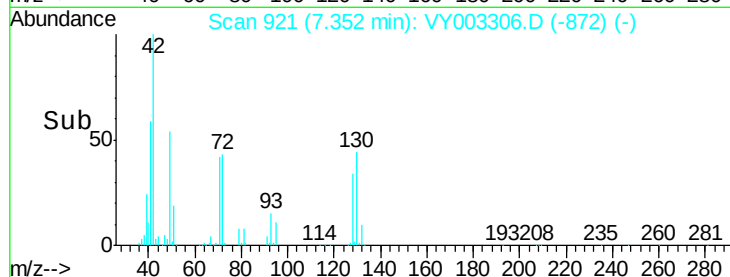
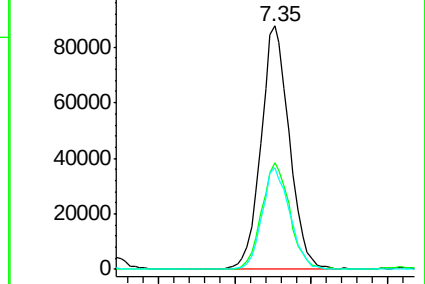
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Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 56.448 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003306.D

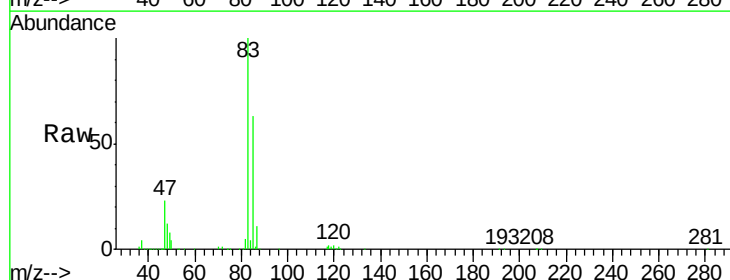
Acq: 22 Jul 2020 22:21

Tgt Ion: 83 Resp: 325394

Ion Ratio Lower Upper

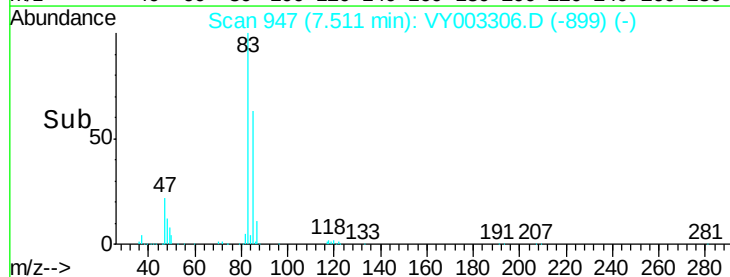
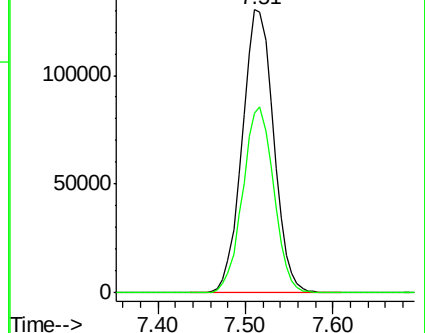
83 100

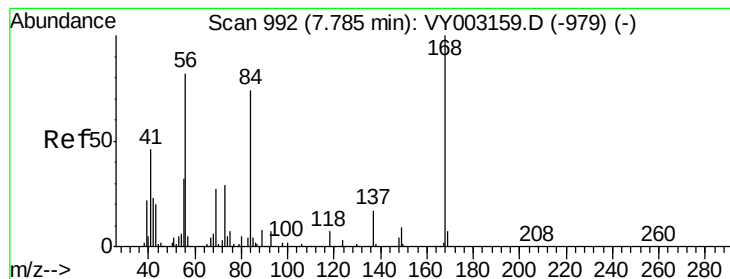
85 63.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 47.546 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

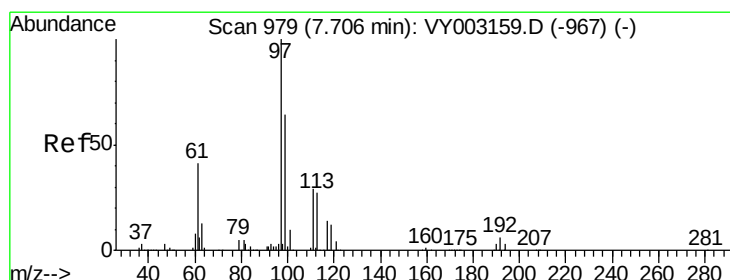
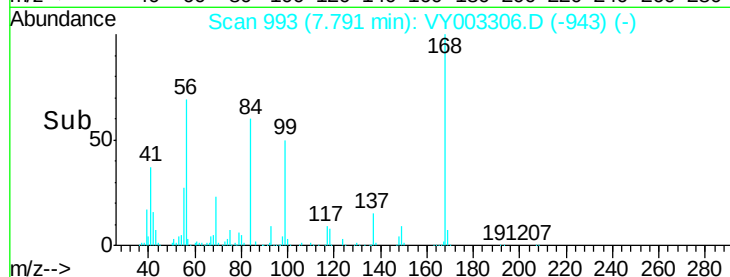
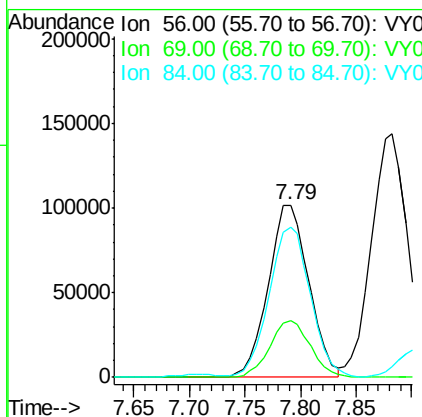
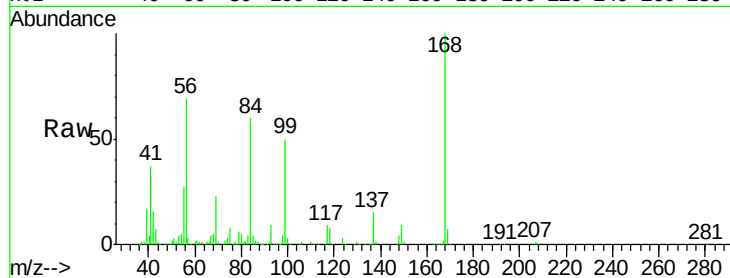
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	257324
Ion Ratio	Lower	Upper	
56	100		
69	33.0	26.7	40.1
84	85.5	72.3	108.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.803 ug/l

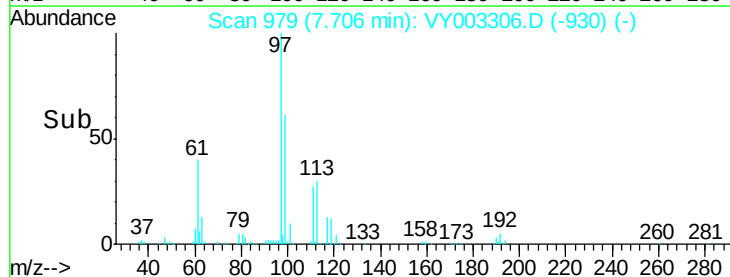
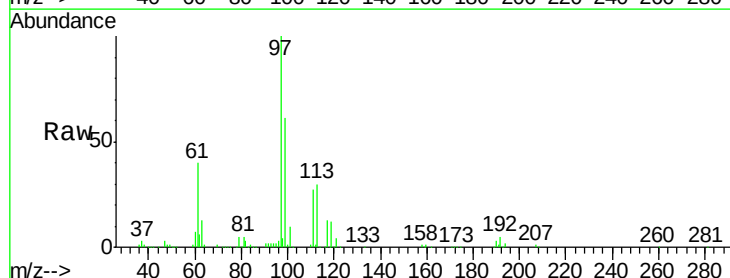
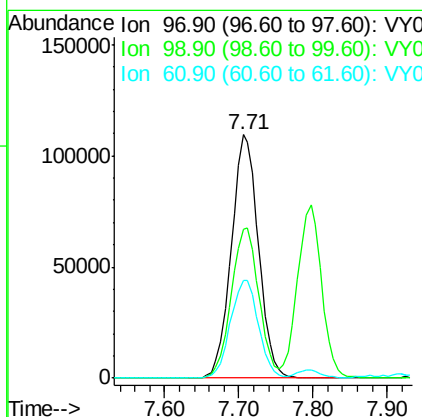
RT: 7.71 min Scan# 979

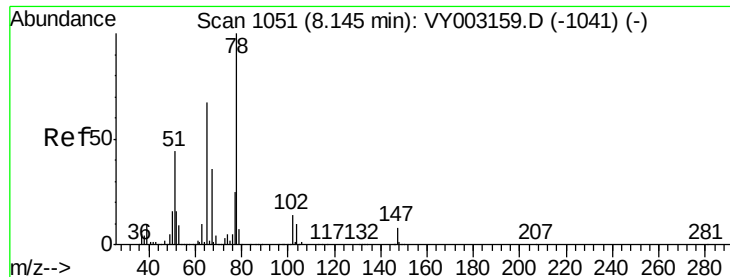
Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion:	97	Resp:	279211
Ion Ratio	Lower	Upper	
97	100		
99	63.0	52.1	78.1
61	41.6	33.9	50.9





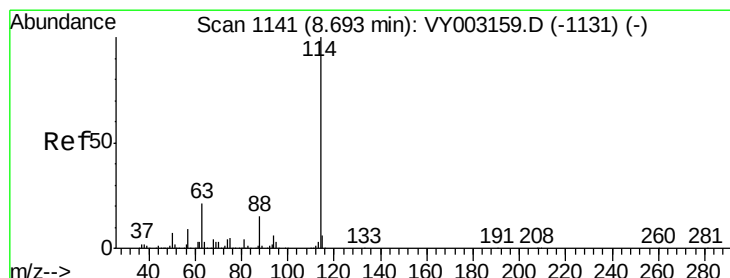
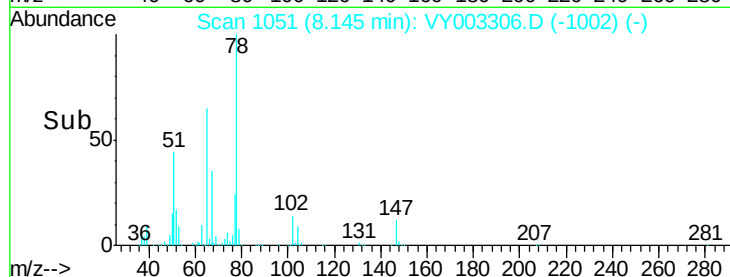
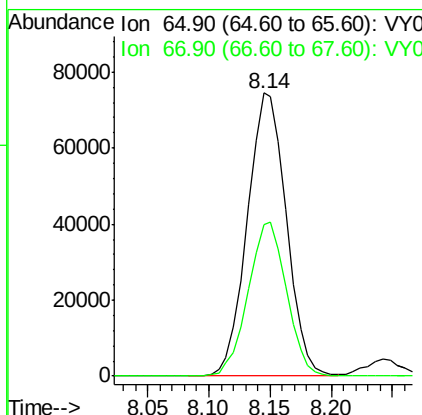
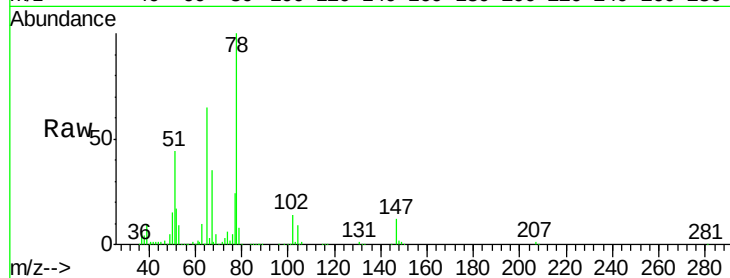
#33
 1,2-Dichloroethane-d4
 Concen: 55.603 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.2

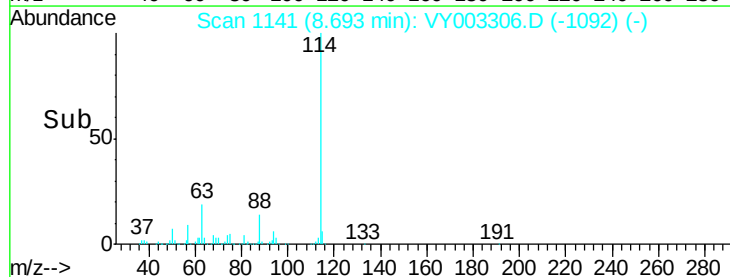
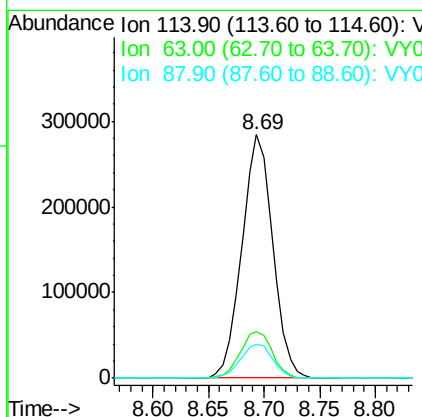
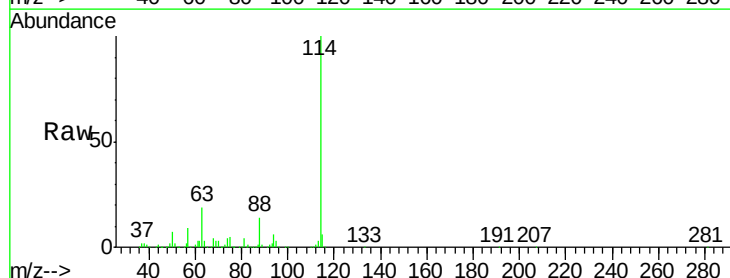
Manual Integrations
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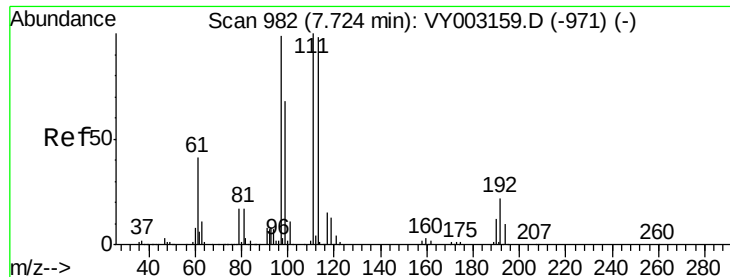
MMDadoda
 7/23/2020 12:23:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.2
88	13.9	0.0	30.2





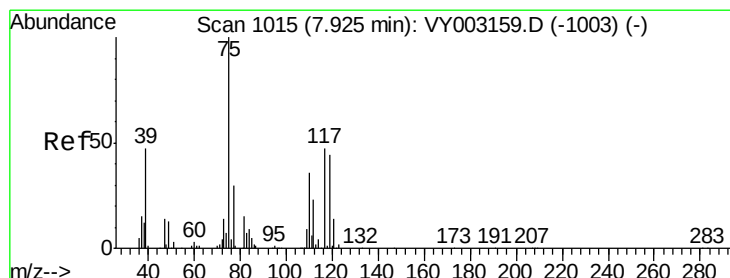
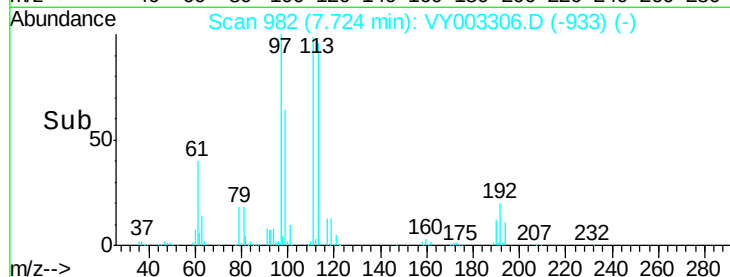
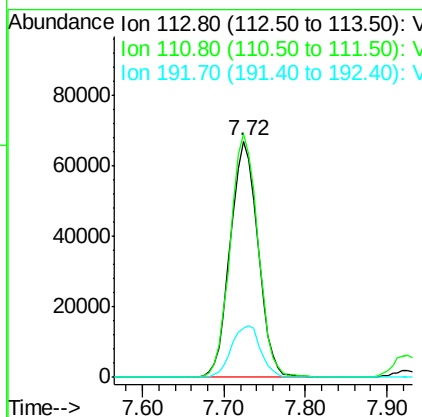
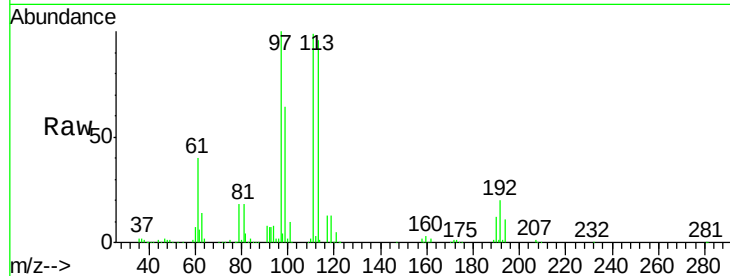
#35
Dibromofluoromethane
Concen: 49.908 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157186		
111	103.1	82.1	123.1	
192	22.7	18.8	28.2	

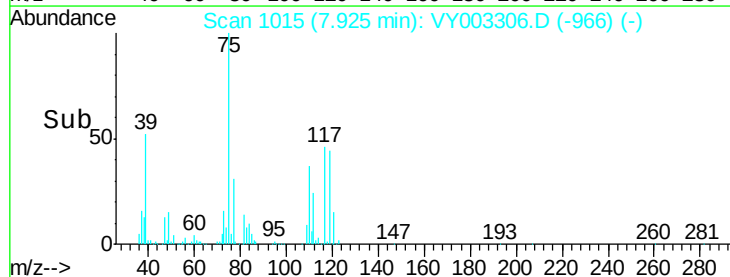
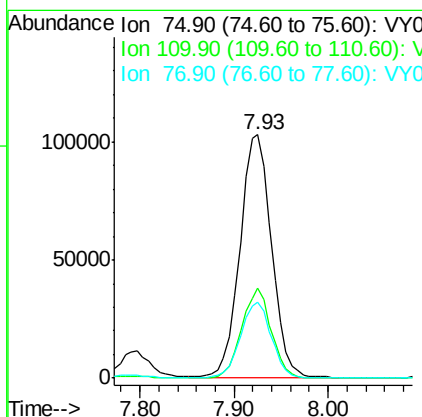
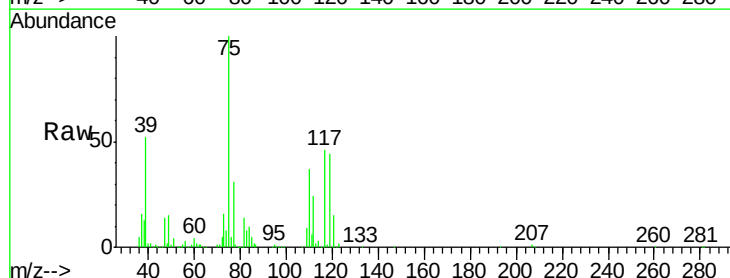
Manual Integrations
APPROVED

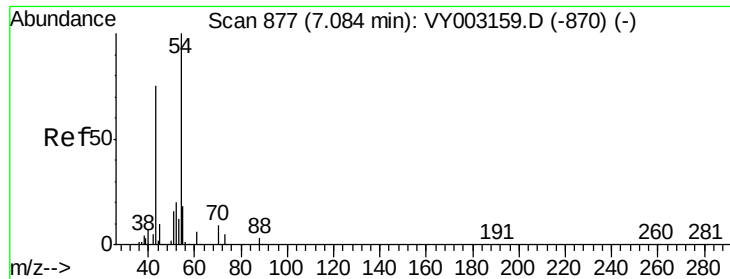
MMDadoda
7/23/2020 12:23:04 PM



#36
1,1-Dichloropropene
Concen: 48.431 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	240227		
110	34.6	18.1	54.1	
77	30.6	24.8	37.2	





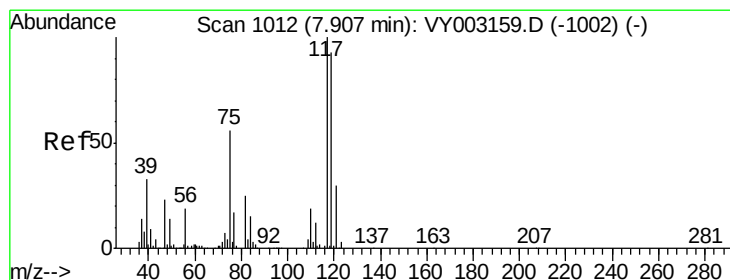
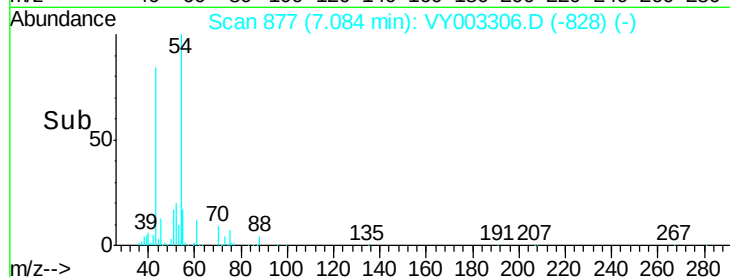
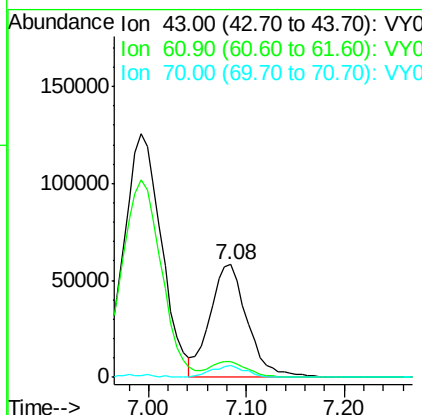
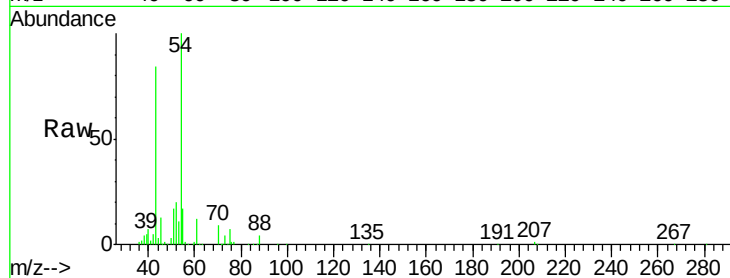
#37
Ethyl Acetate
Concen: 57.461 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.8	17.6
70	9.8	8.6	13.0

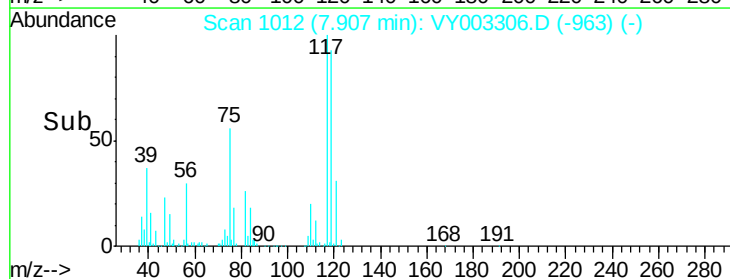
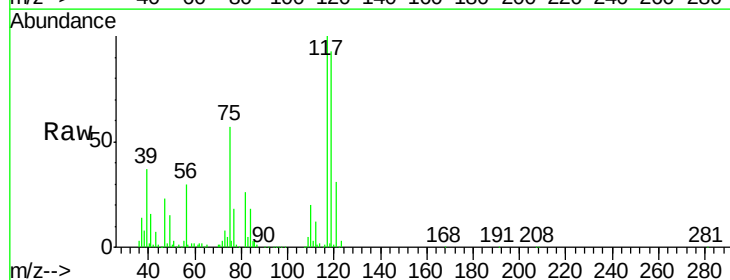
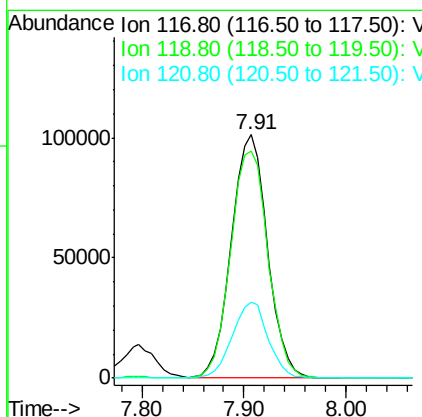
Manual Integrations
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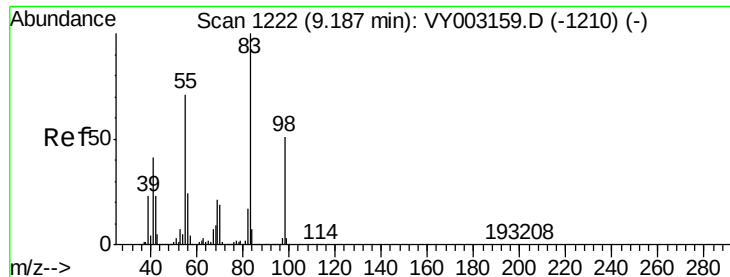
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.554 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.5	111.7
121	31.3	24.2	36.2





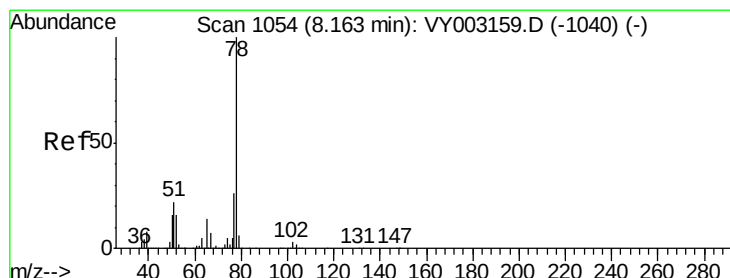
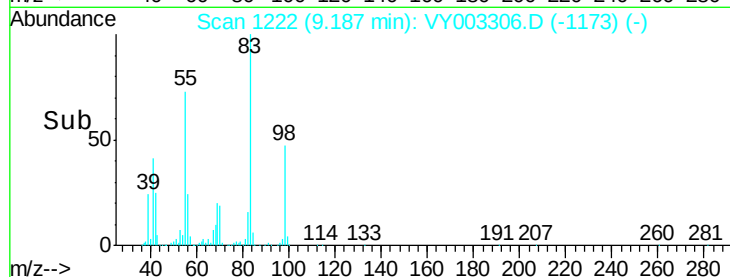
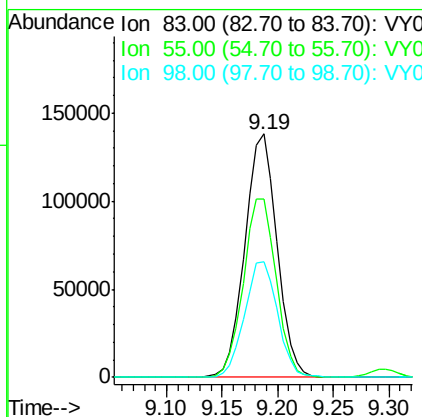
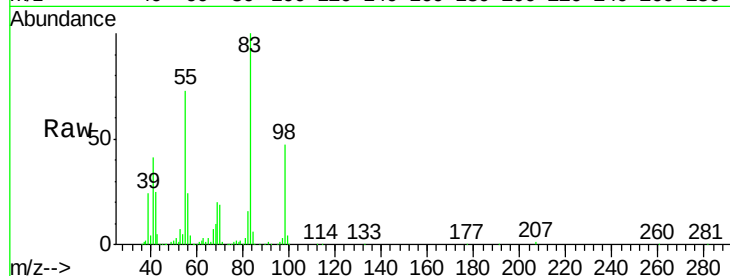
#39
Methylvlcyclohexane
Concen: 44.615 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	57.2	85.8
98	47.4	41.0	61.6

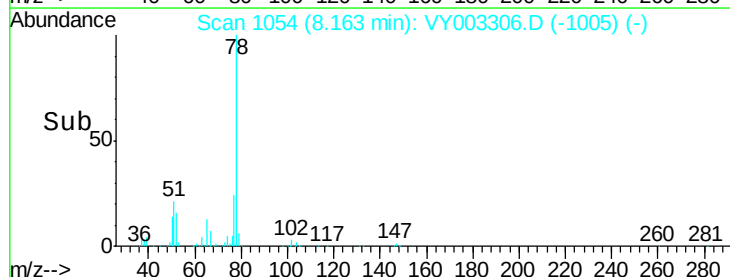
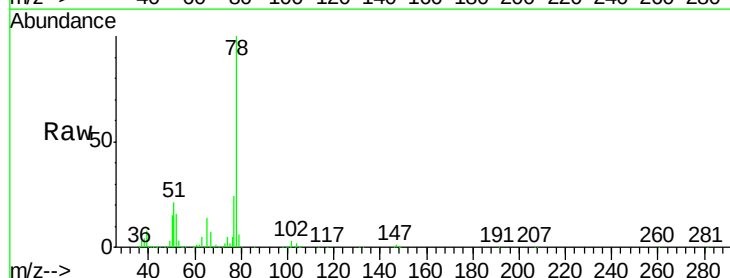
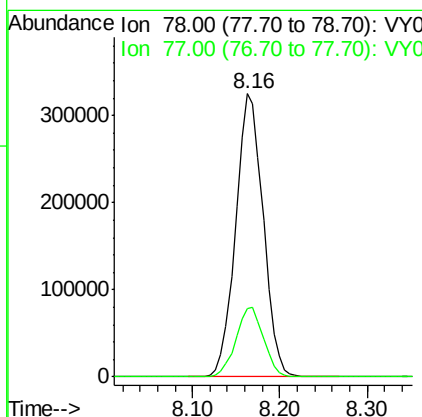
Manual Integrations
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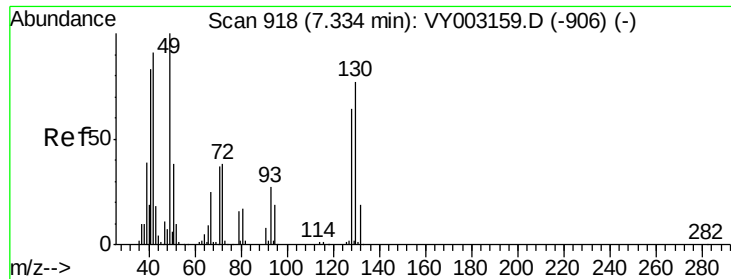
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#40
Benzene
Concen: 51.942 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	20.7	31.1





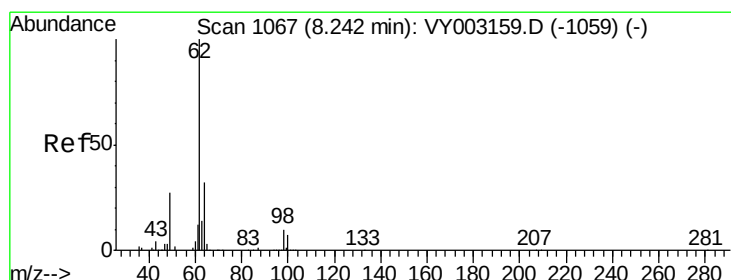
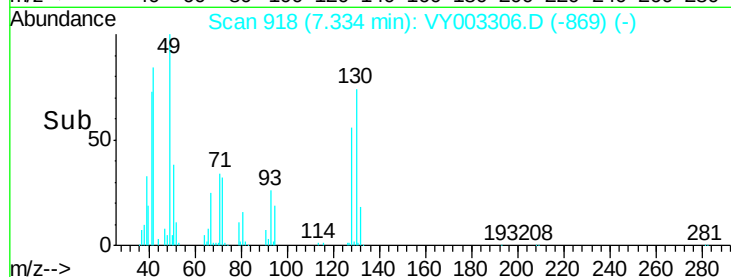
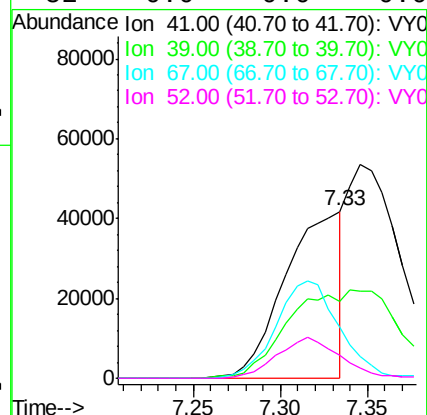
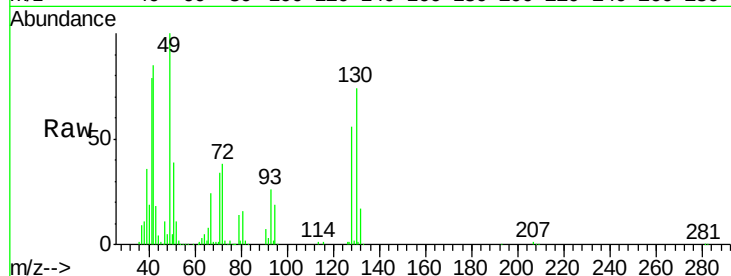
#41
Methacrylonitrile
Concen: 58.942 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	94827
Ion	Ratio	Lower	Upper
41	100		
39	102.4	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

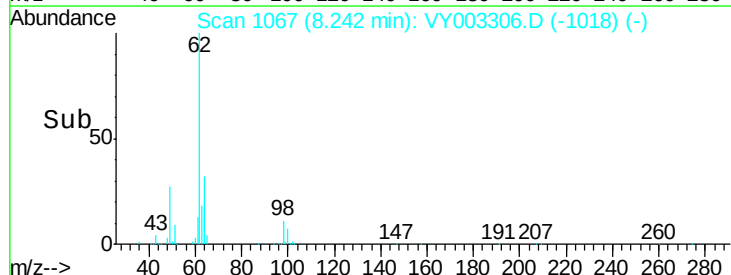
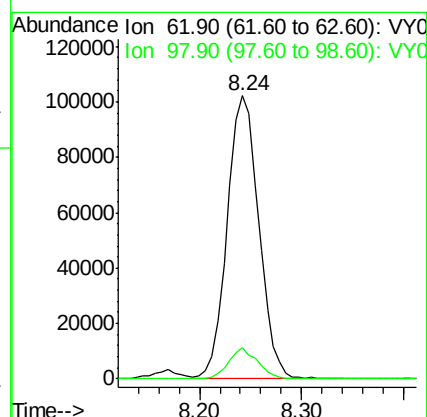
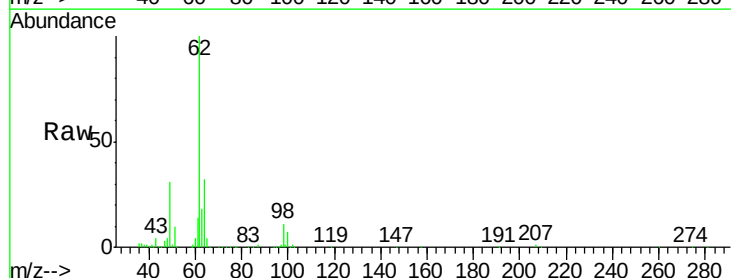
Manual Integrations
APPROVED

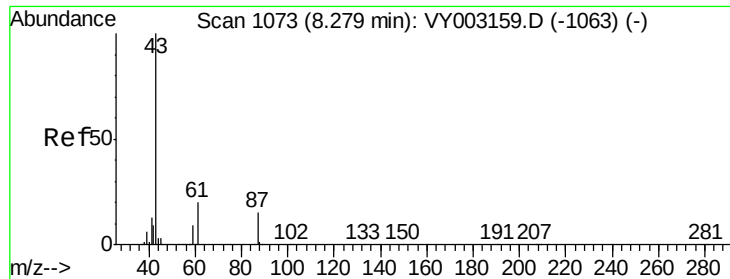
MMDadoda
7/23/2020 12:23:04 PM



#42
1,2-Dichloroethane
Concen: 52.185 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	62	Resp	219426
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 56.478 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

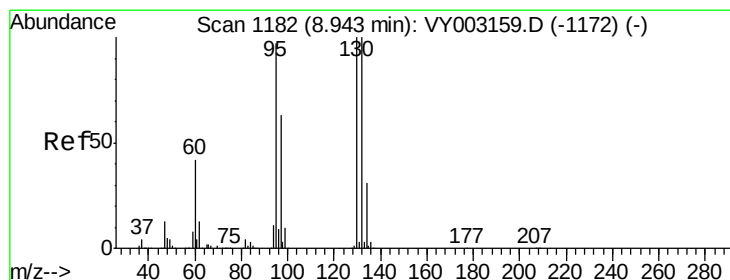
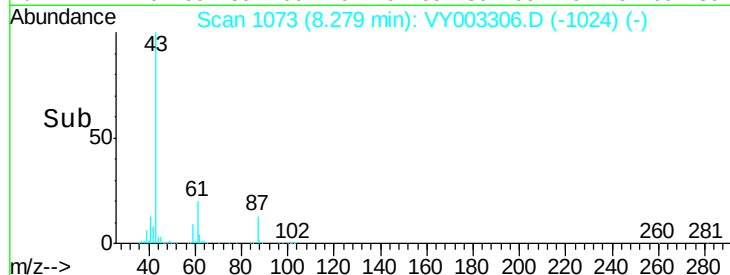
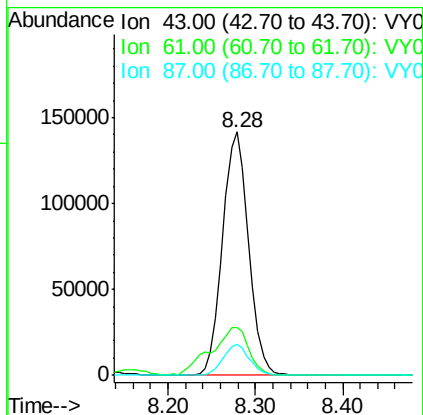
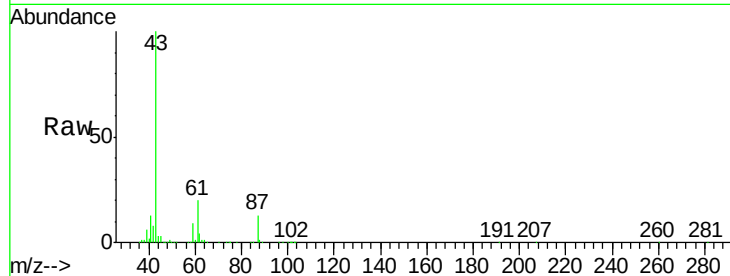
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	292021
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.7	35.5
87	12.8	11.4	17.0

Manual Integrations
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#44

Trichloroethene

Concen: 47.336 ug/l

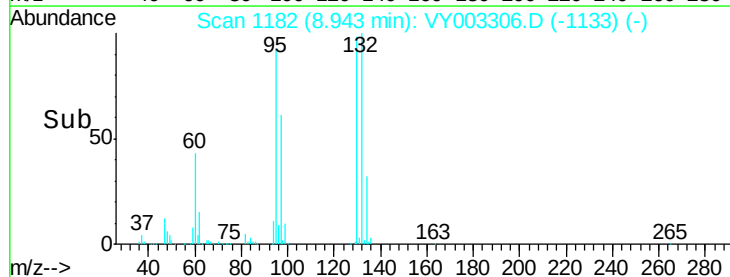
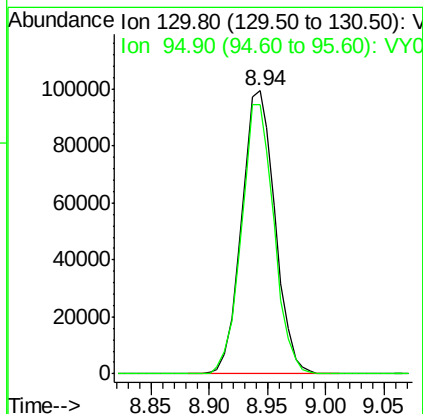
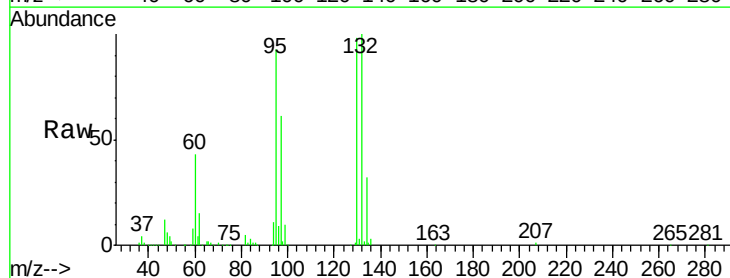
RT: 8.94 min Scan# 1182

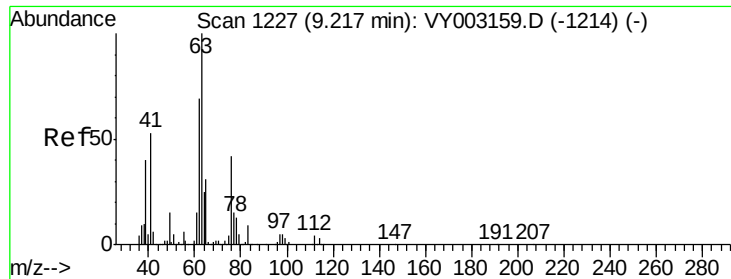
Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion:	130	Resp:	198188
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	193.8





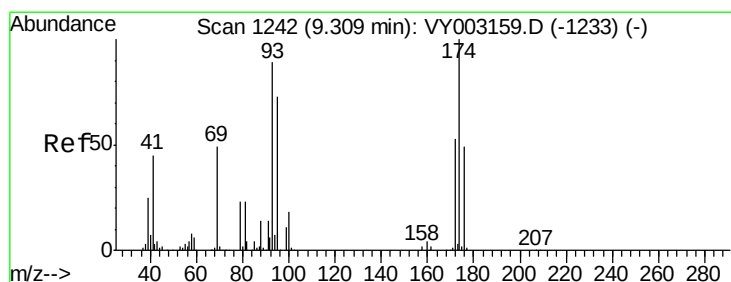
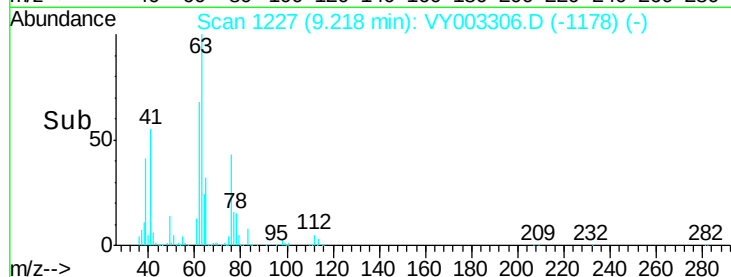
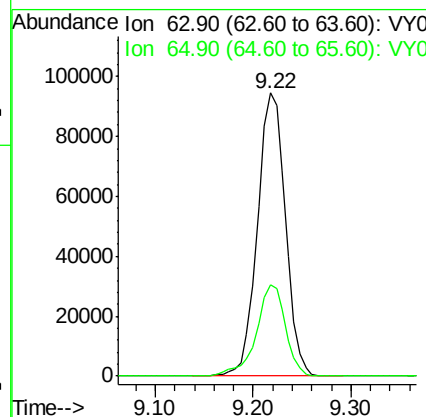
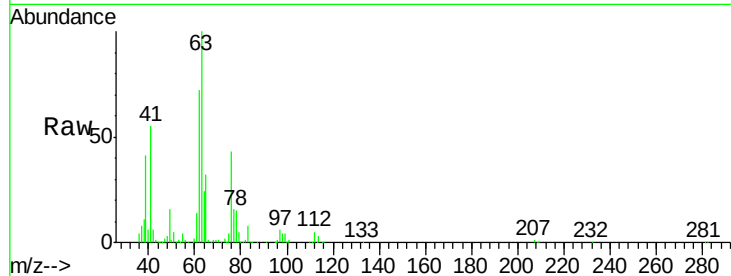
#45
 1,2-Dichloropropane
 Concen: 53.481 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.0	37.4

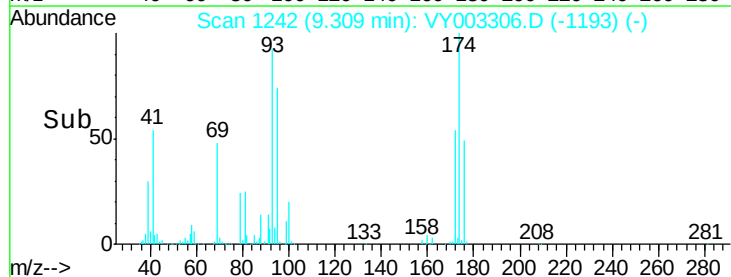
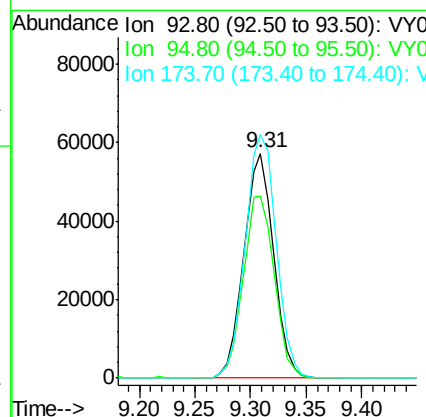
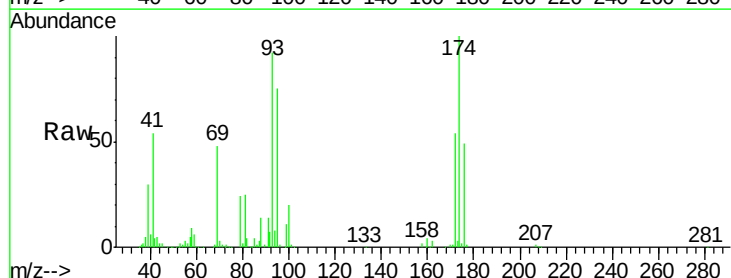
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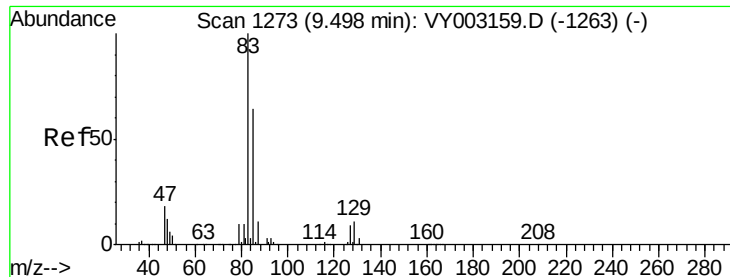
MMDadoda
 7/23/2020 12:23:04 PM



#46
 Dibromomethane
 Concen: 51.532 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.6	99.8
174	113.3	90.2	135.4





#47

Bromodichloromethane

Concen: 53.528 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

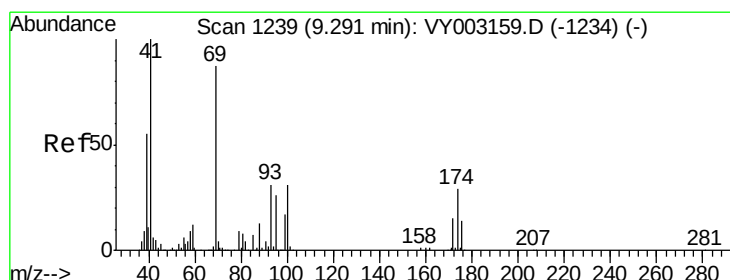
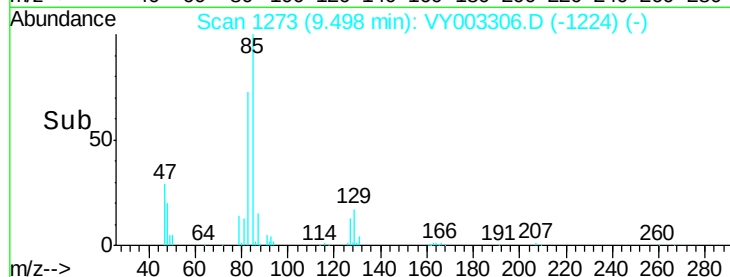
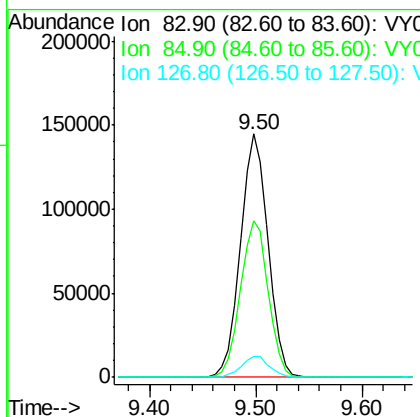
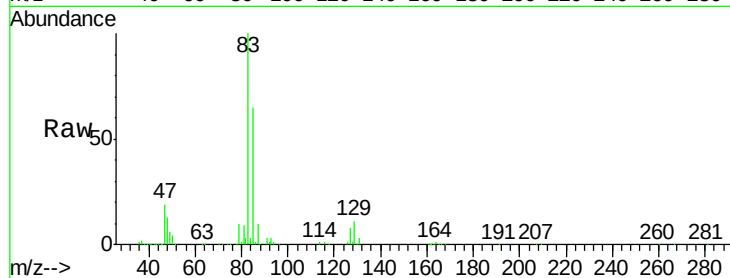
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	262777
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.9	76.3
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.209 ug/l

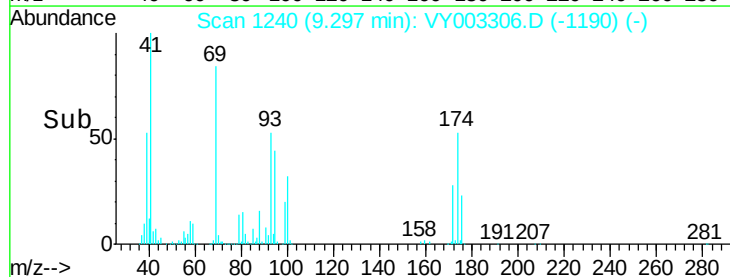
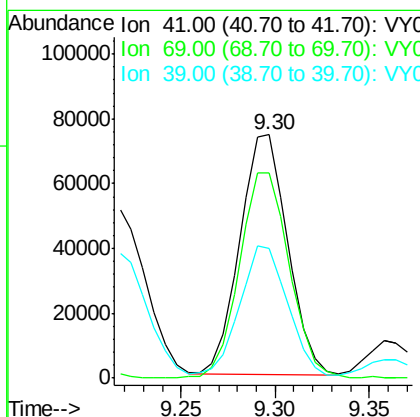
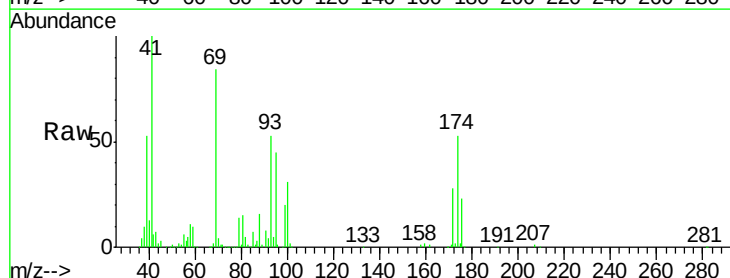
RT: 9.30 min Scan# 1240

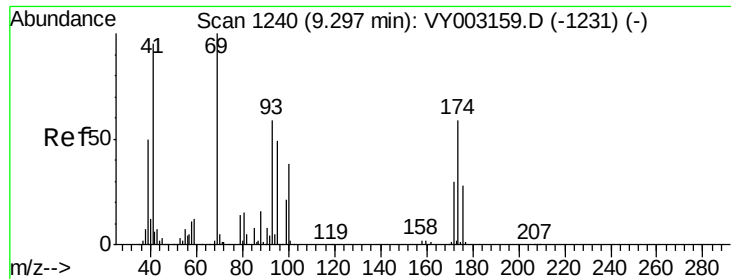
Delta R.T. 0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion:	41	Resp:	129929
Ion Ratio	Lower	Upper	
41	100		
69	89.1	74.5	111.7
39	56.5	47.5	71.3





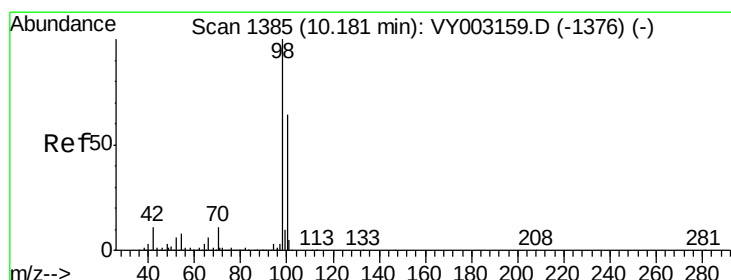
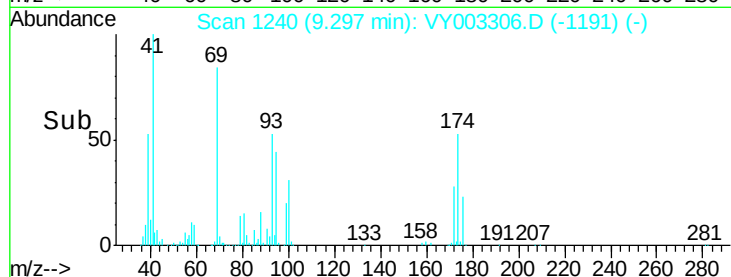
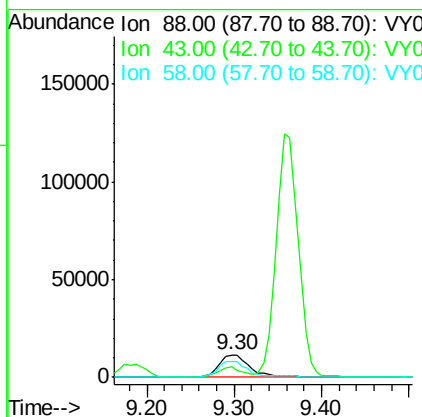
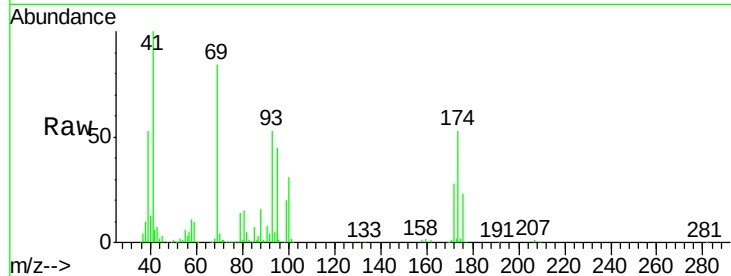
#49
1,4-Dioxane
Concen: 1114.902 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	29207
Ion Ratio	Lower	Upper	
88	100		
43	34.0	25.6	38.4
58	66.3	47.8	71.6

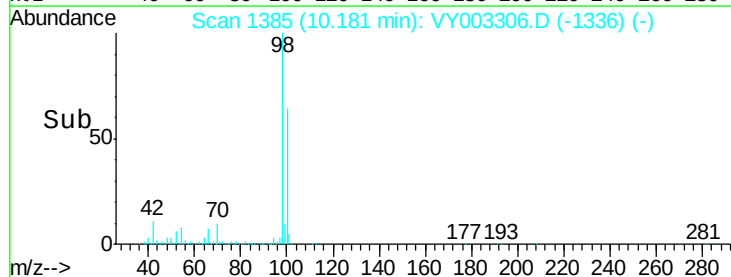
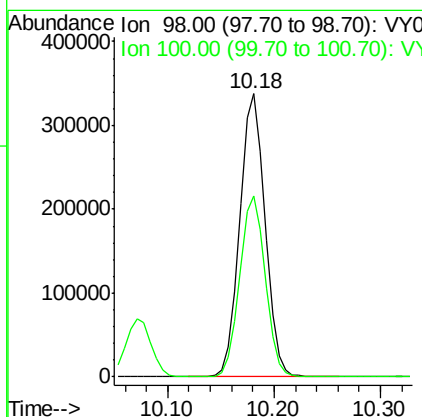
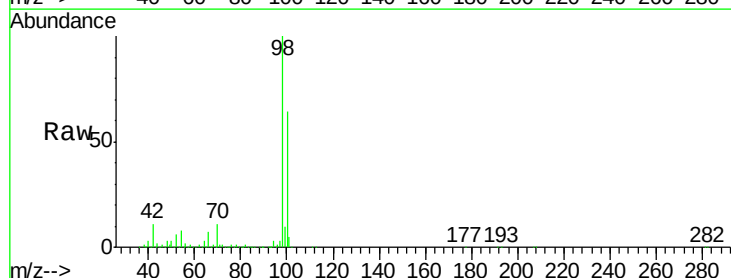
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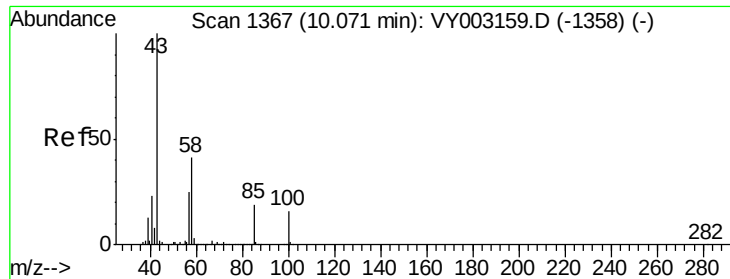
MMDadoda
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#50
Toluene-d8
Concen: 48.302 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	98	Resp	565586
Ion Ratio	Lower	Upper	
98	100		
100	64.7	50.7	76.1





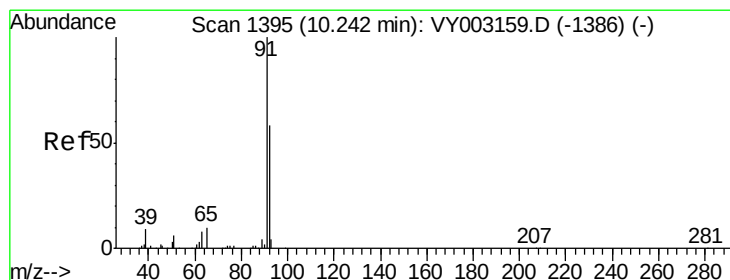
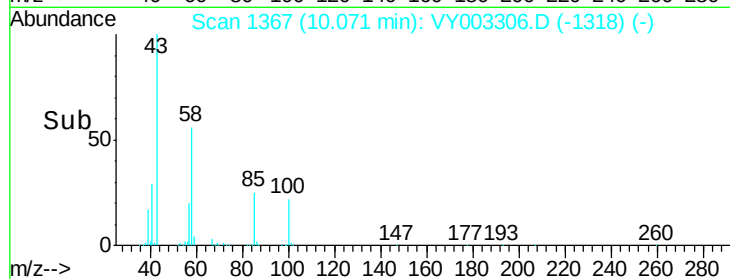
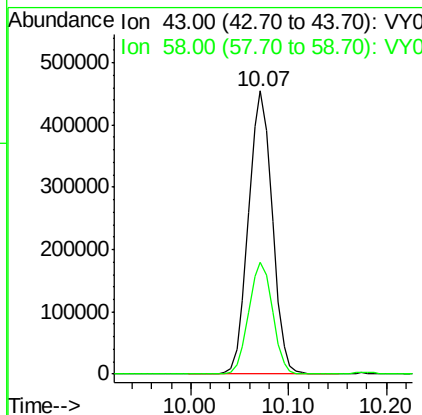
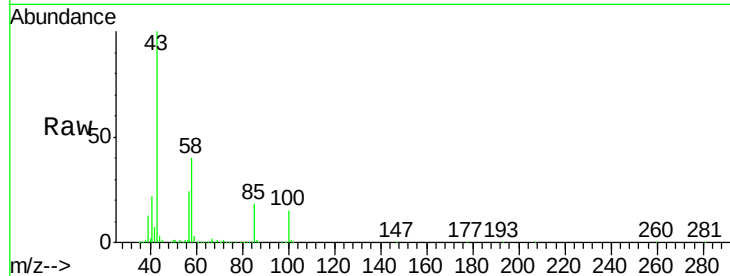
#51
4-Methyl-2-Pentanone
Concen: 286.820 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 770823
Ion Ratio Lower Upper
43 100
58 39.6 32.7 49.1

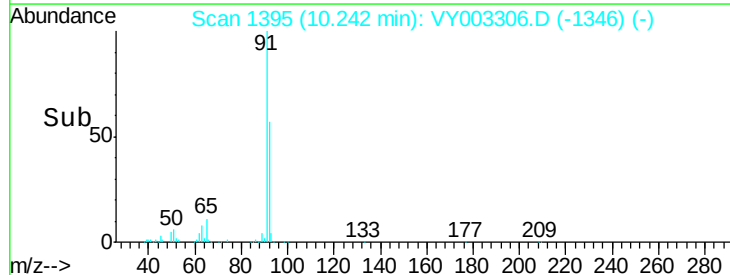
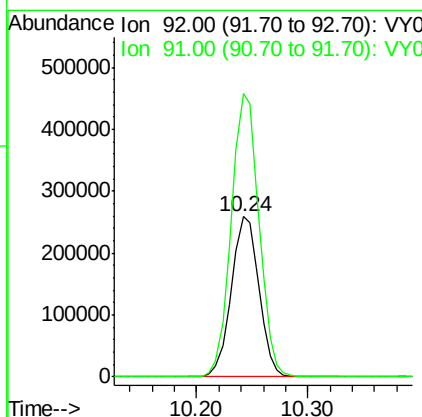
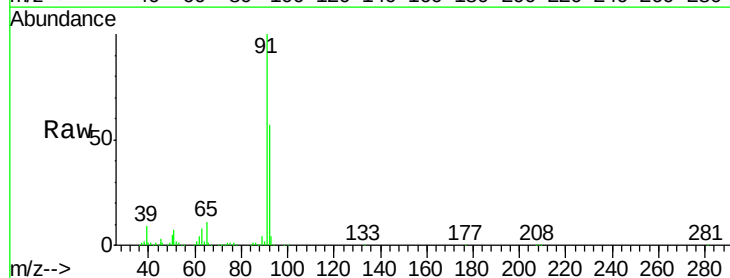
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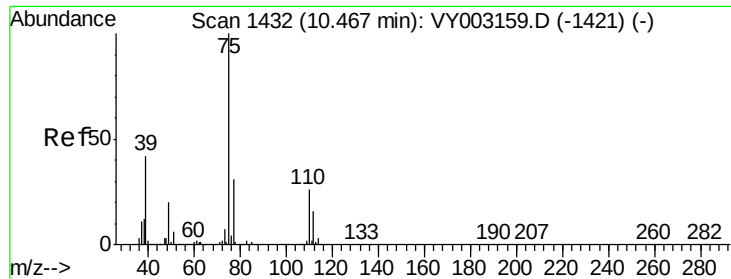
MMDadoda
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#52
Toluene
Concen: 50.829 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 92 Resp: 443721
Ion Ratio Lower Upper
92 100
91 177.7 139.7 209.5





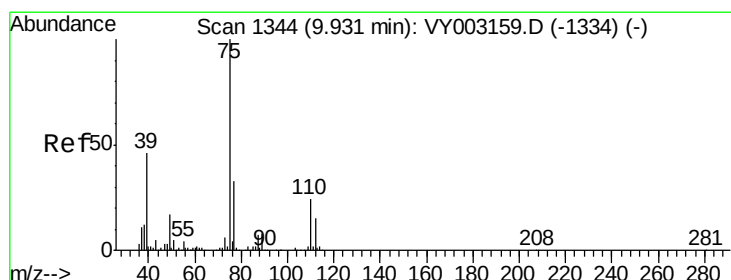
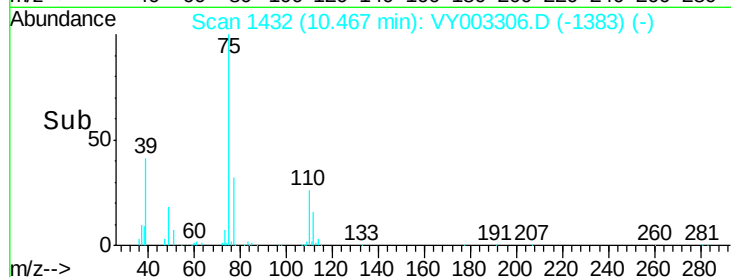
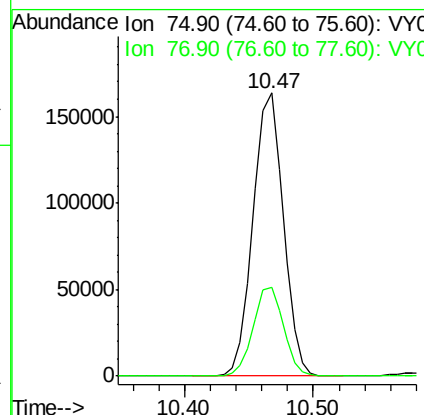
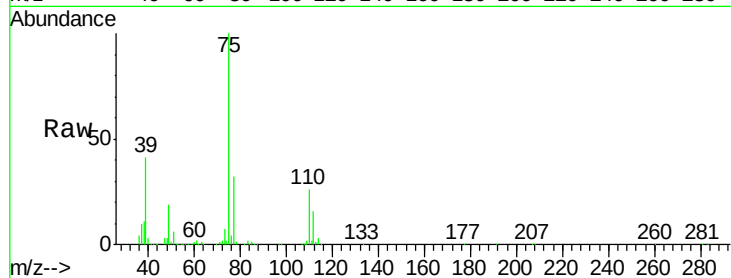
#53
t-1,3-Dichloropropene
Concen: 52.225 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8

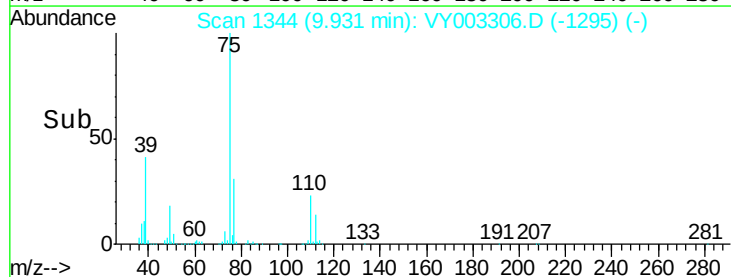
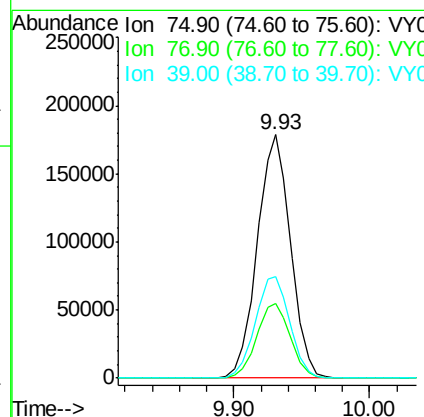
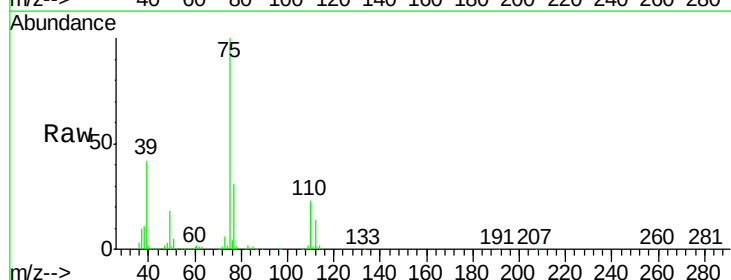
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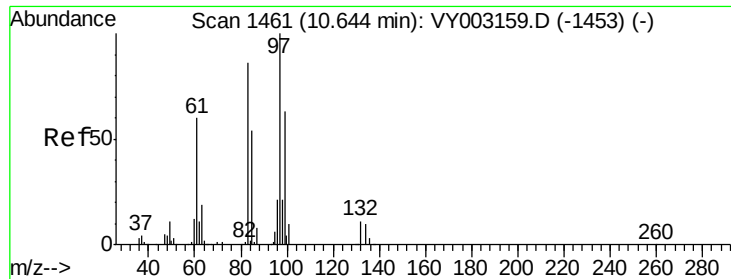
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#54
cis-1,3-Dichloropropene
Concen: 52.022 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.7	40.1
39	41.5	37.0	55.6





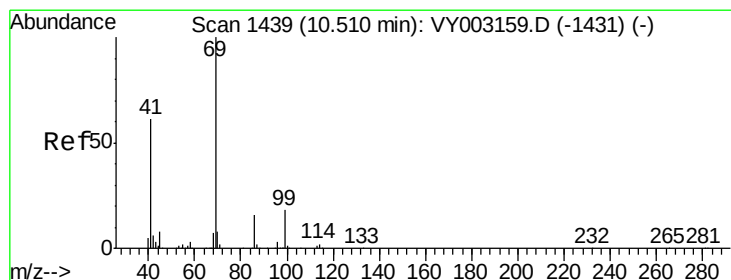
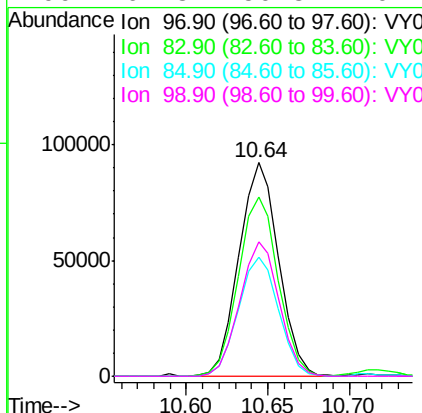
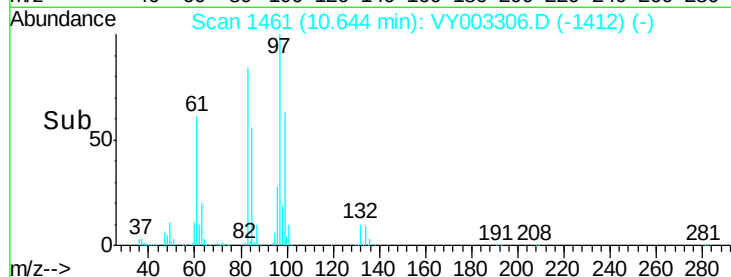
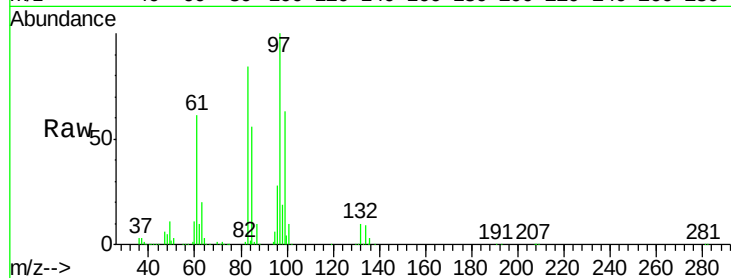
#55
 1,1,2-Trichloroethane
 Concen: 53.468 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	156388
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.8	103.2
85	55.6	43.1	64.7
99	62.8	50.8	76.2

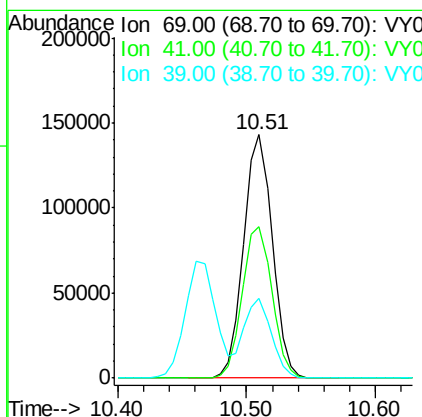
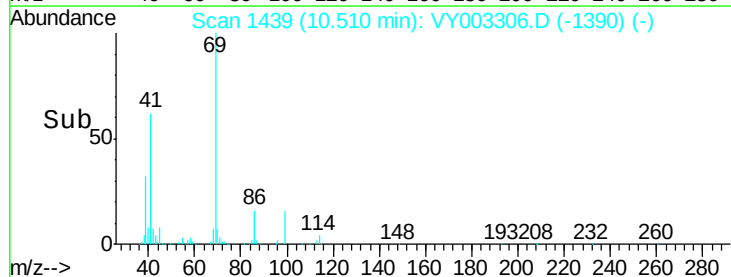
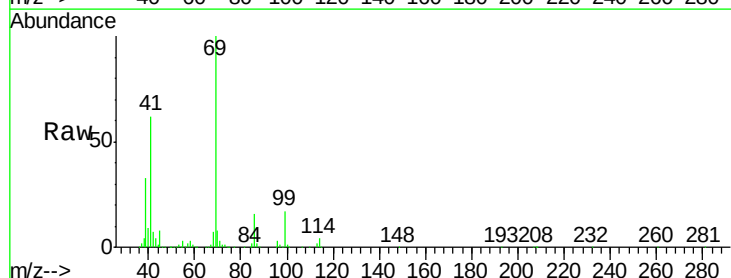
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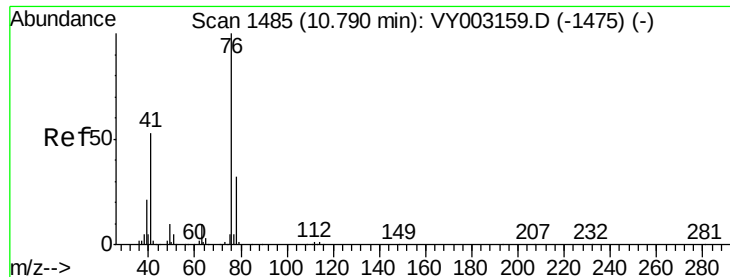
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#56
 Ethyl methacrylate
 Concen: 55.377 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion:	69	Resp:	220207
Ion	Ratio	Lower	Upper
69	100		
41	63.9	50.0	75.0
39	32.3	27.6	41.4





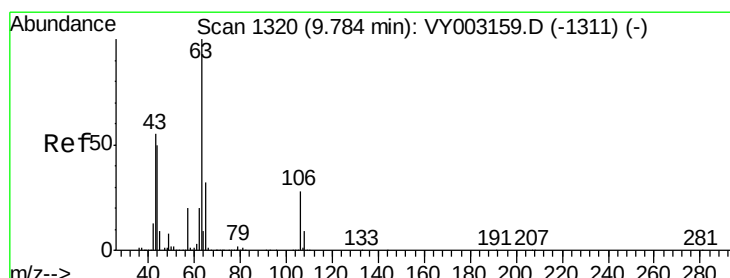
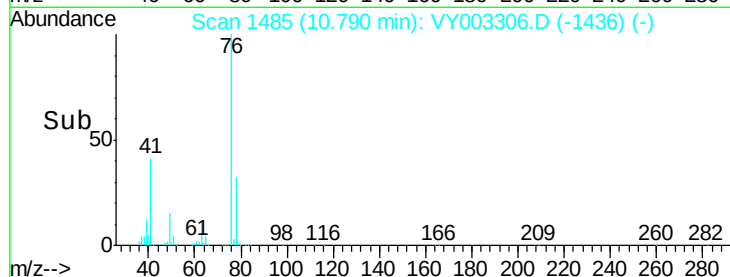
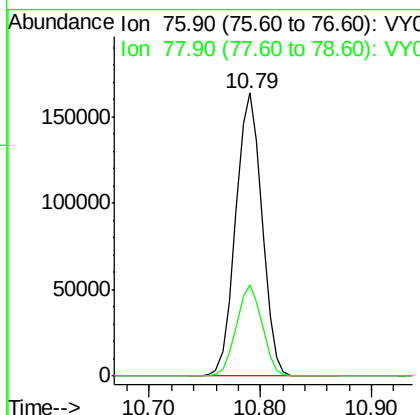
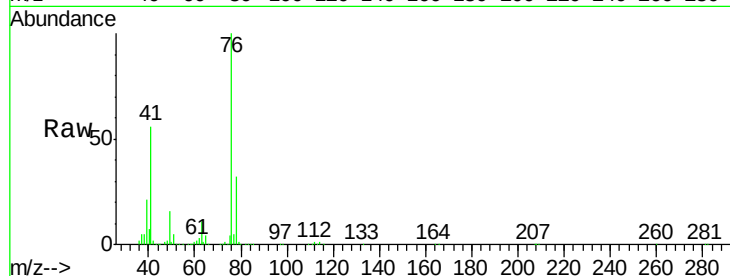
#57
 1,3-Dichloropropane
 Concen: 53.905 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.0	39.0

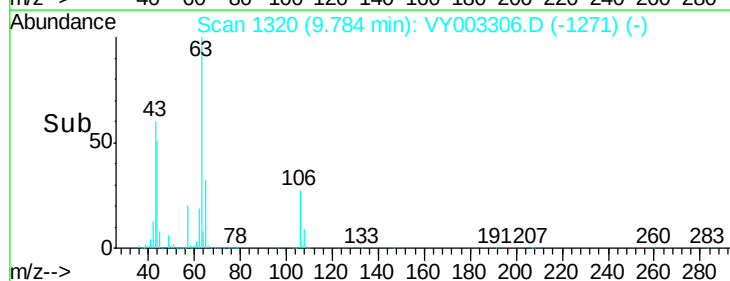
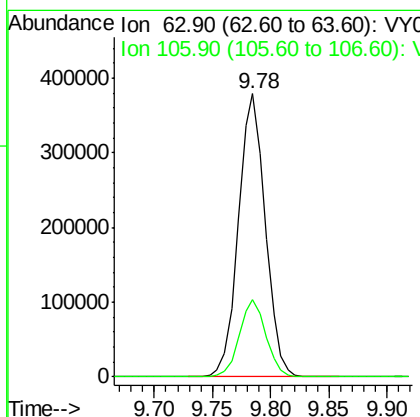
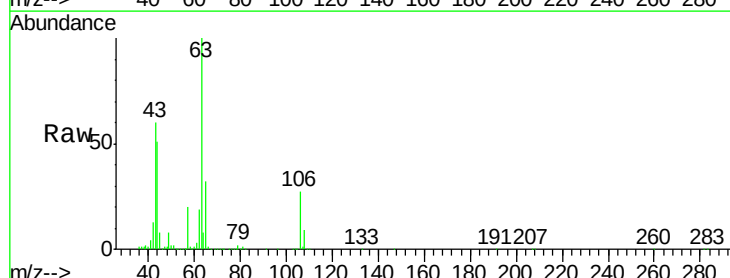
Manual Integrations
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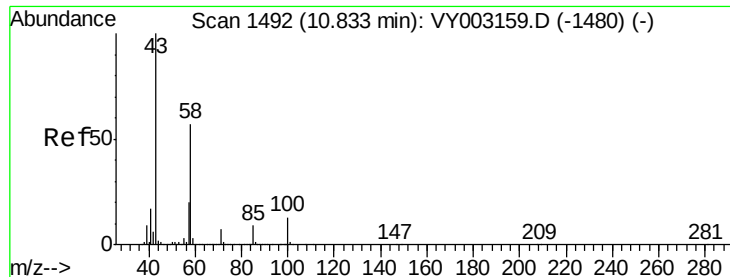
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 7/23/2020 12:23:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 301.401 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	22.9	34.3





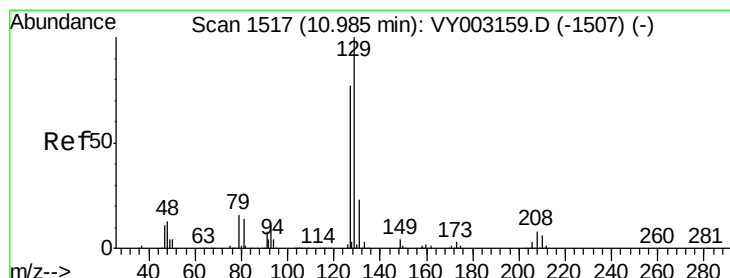
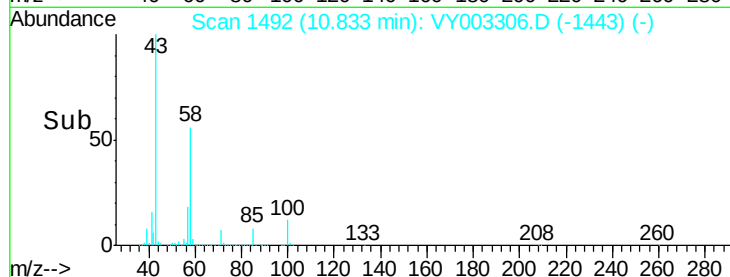
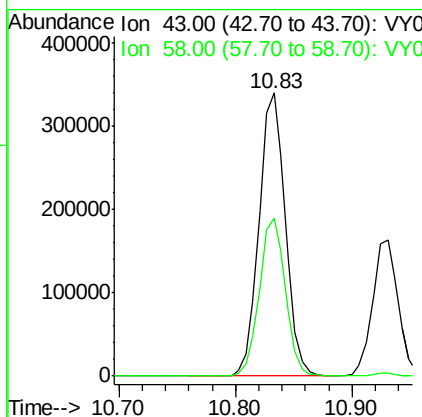
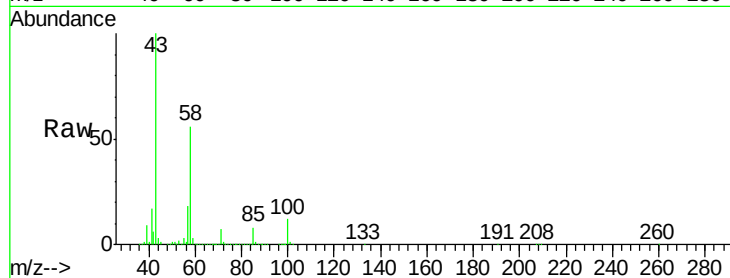
#59
2-Hexanone
Concen: 285.254 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	28.3	85.0

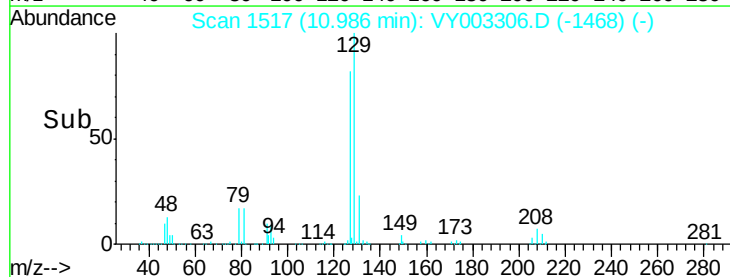
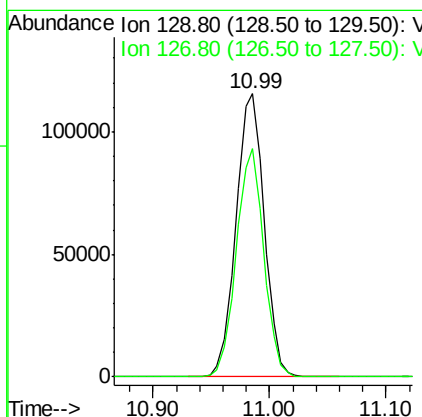
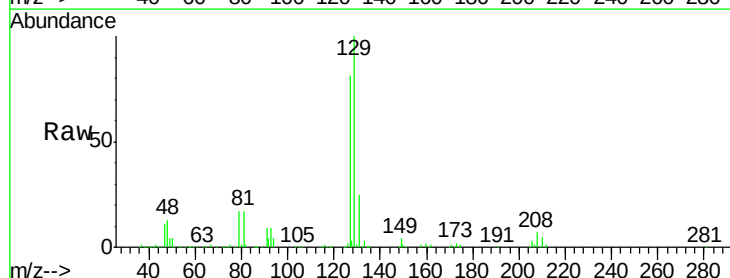
Manual Integrations
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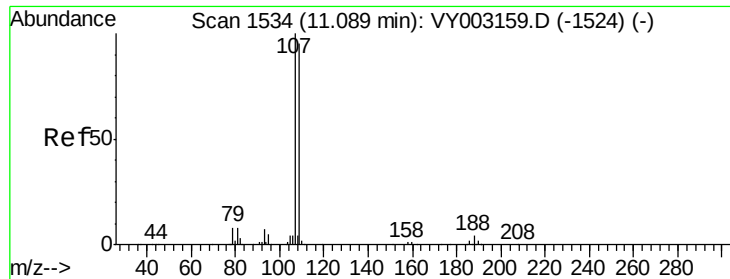
MMDadoda
7/23/2020 12:23:04 PM



#60
Dibromochloromethane
Concen: 53.186 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.5	115.5





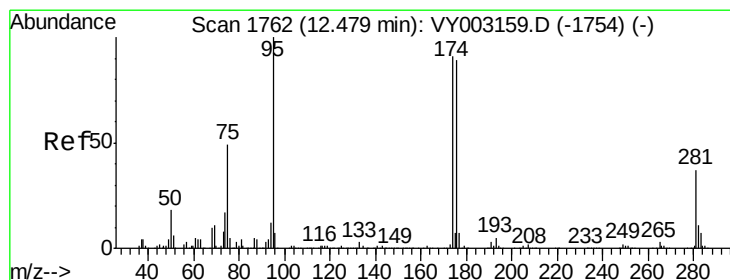
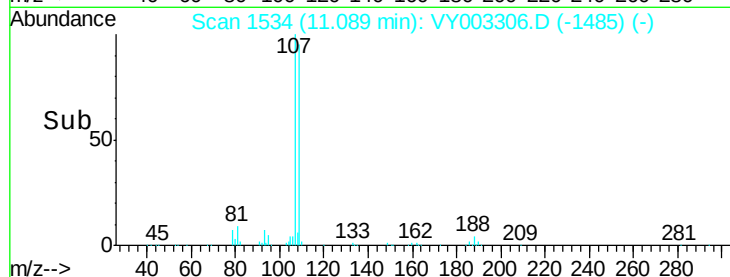
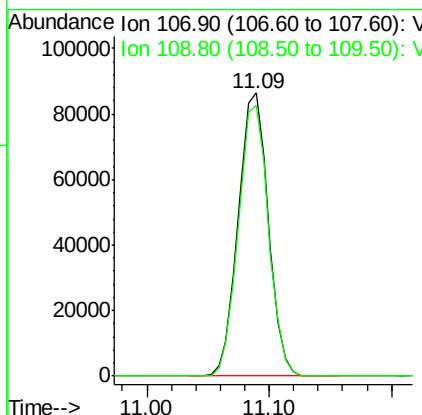
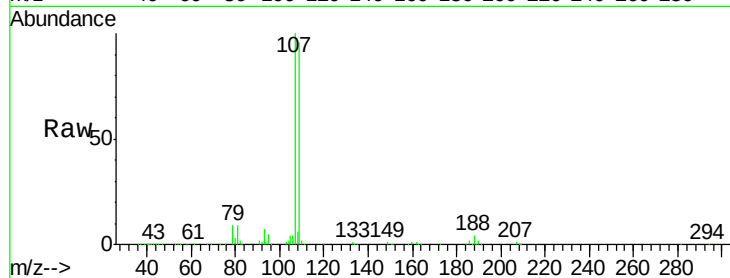
#61
 1,2-Dibromoethane
 Concen: 50.949 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.0	75.6	113.4

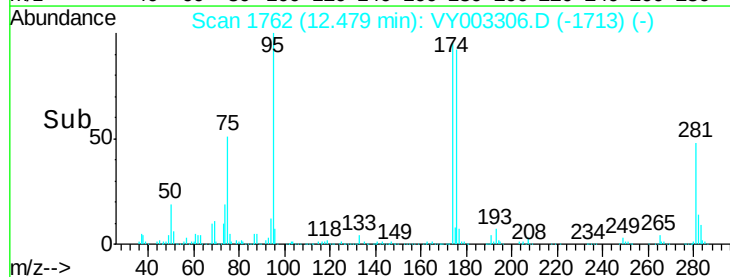
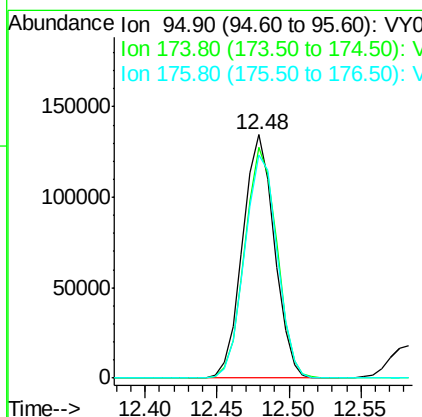
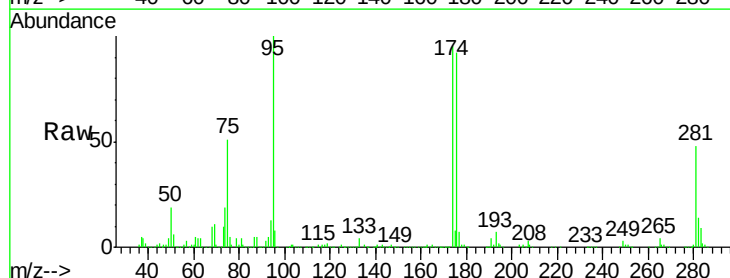
Manual Integrations
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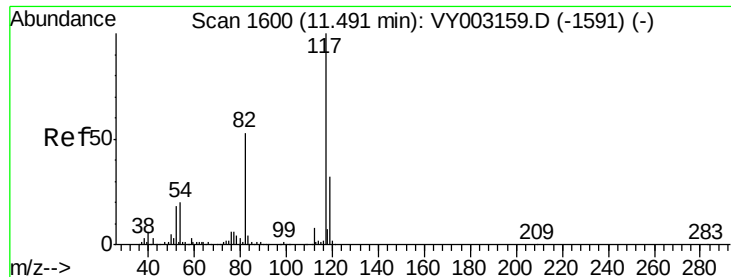
MMDadoda
 7/23/2020 12:23:04 PM



#62
 4-Bromofluorobenzene
 Concen: 48.692 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	190.6
176	93.6	0.0	186.4





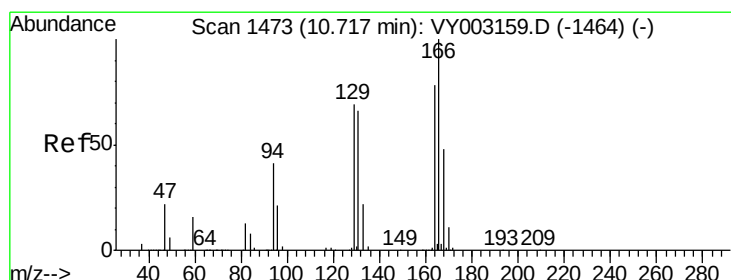
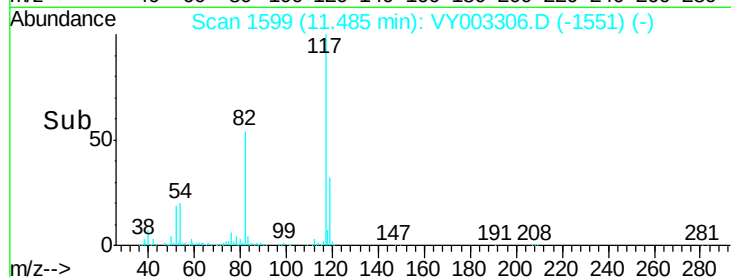
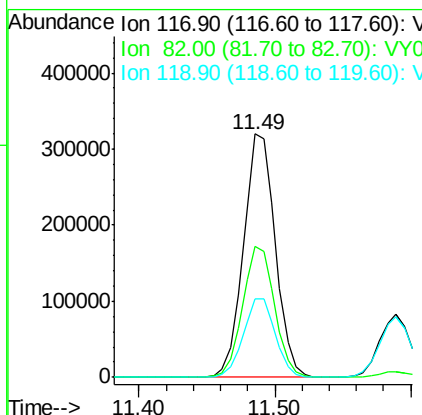
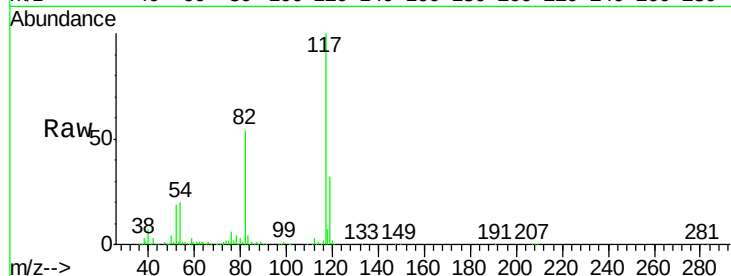
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	522005		
82	53.6		42.0	63.0
119	32.3		25.5	38.3

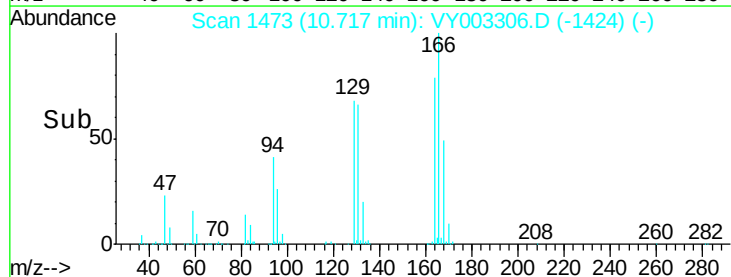
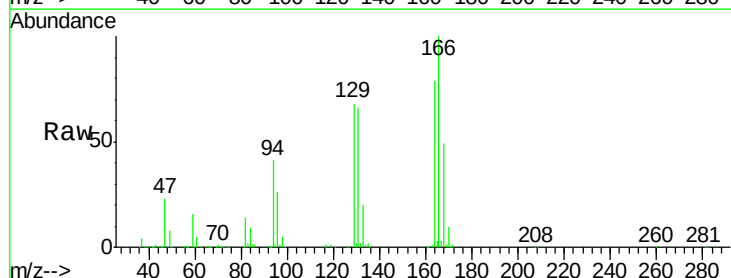
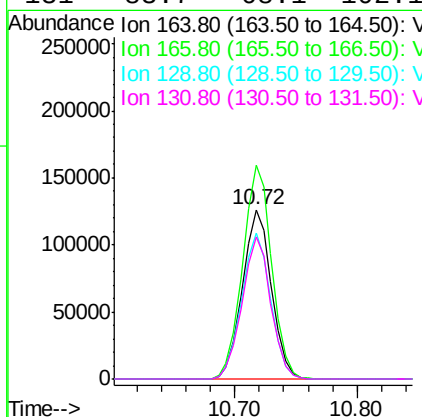
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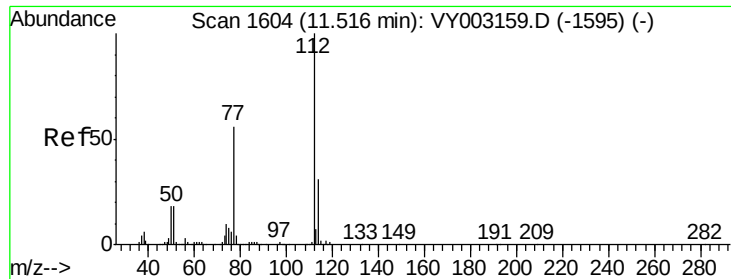
MMDadoda
7/23/2020 12:23:04 PM



#64
Tetrachloroethene
Concen: 44.504 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207138		
166	126.4		102.9	154.3
129	86.3		71.4	107.2
131	83.7		68.1	102.1





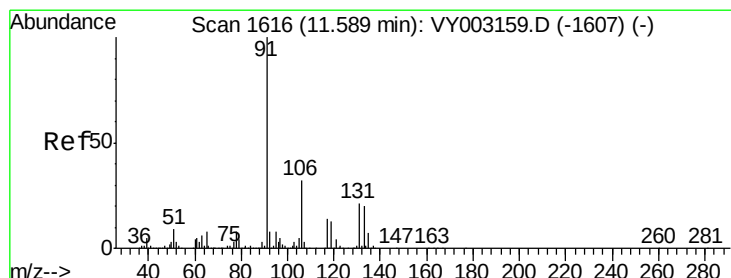
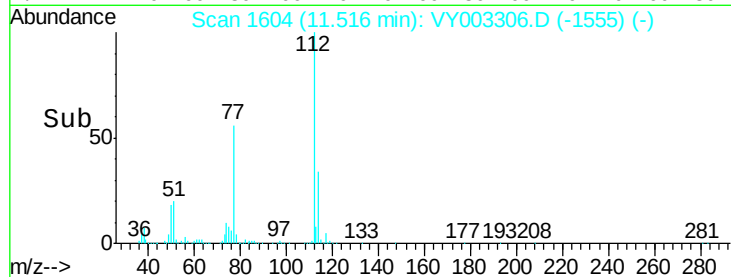
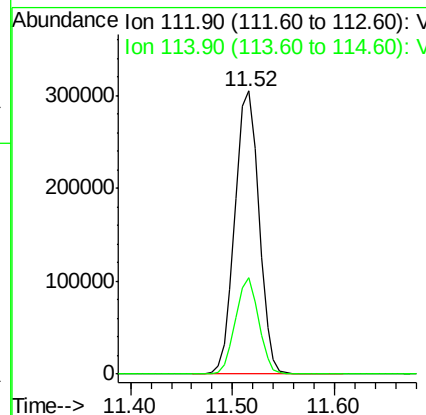
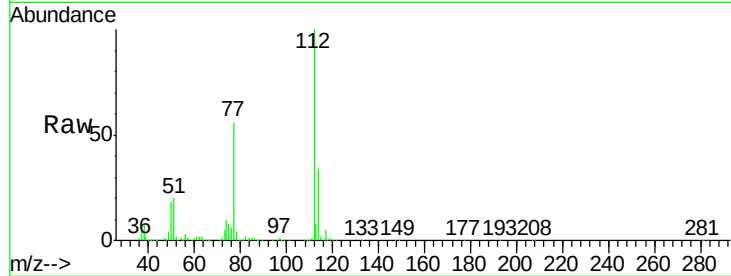
#65
Chlorobenzene
Concen: 49.377 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 496542
Ion Ratio Lower Upper
112 100
114 34.0 24.7 37.1

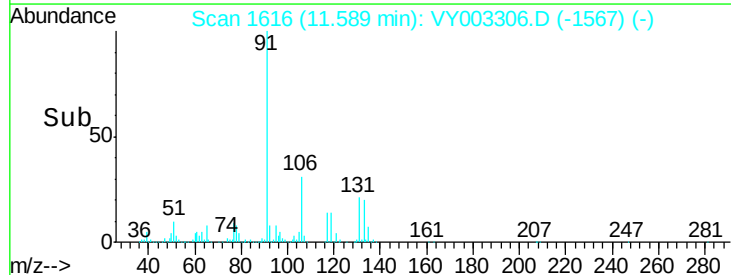
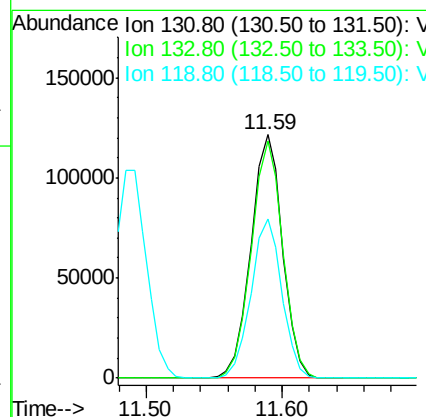
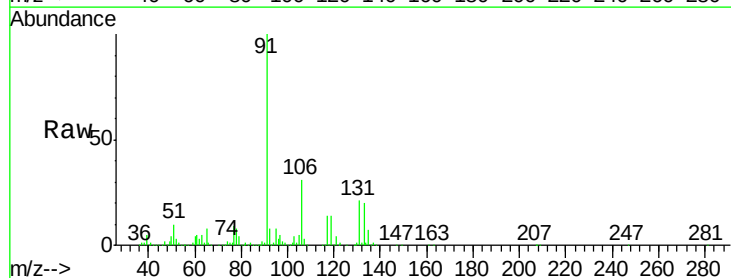
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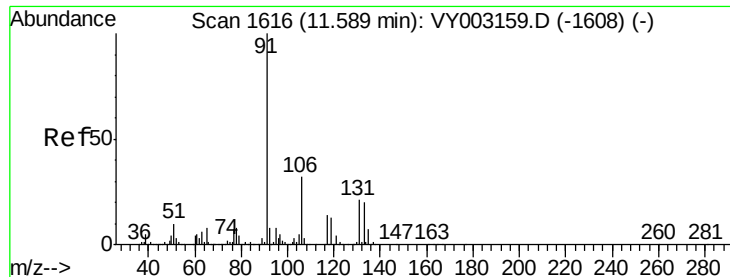
MMDadoda
7/23/2020 12:23:04 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.627 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion:131 Resp: 197737
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.0
119 64.2 32.4 97.0





#67

Ethyl Benzene

Concen: 49.226 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 883867

Ion Ratio Lower Upper

91 100

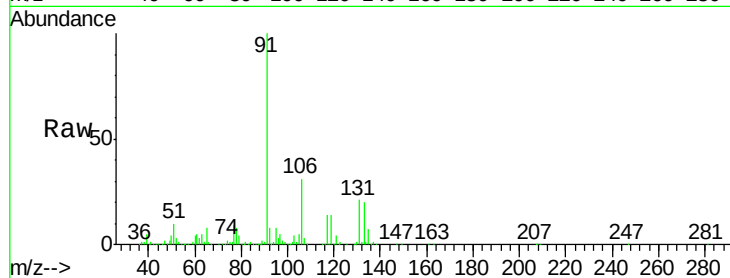
106 31.4 25.5 38.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

800000

600000

400000

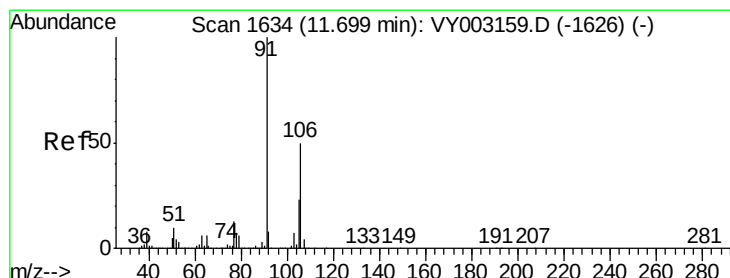
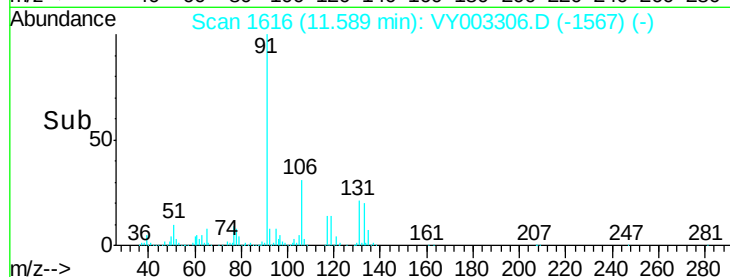
200000

0

11.50

11.60

Time-->



#68

m/p-Xylenes

Concen: 97.719 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003306.D

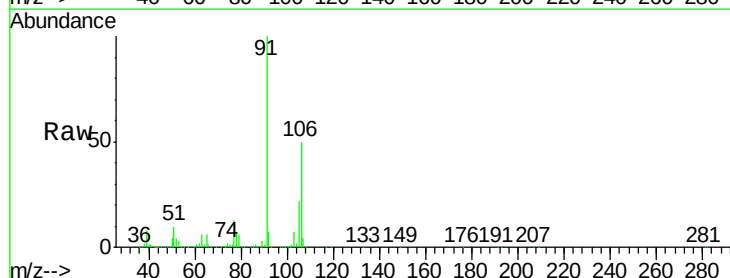
Acq: 22 Jul 2020 22:21

Tgt Ion: 106 Resp: 665732

Ion Ratio Lower Upper

106 100

91 200.6 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

800000

600000

400000

200000

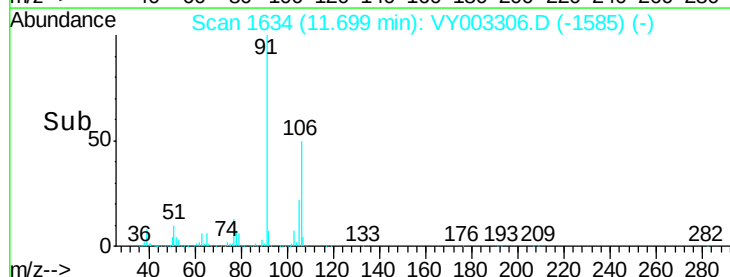
0

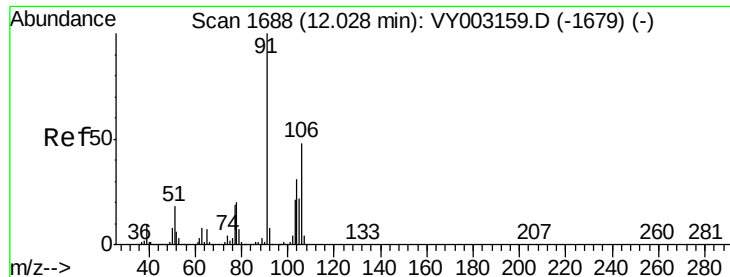
11.60

11.70

11.80

Time-->





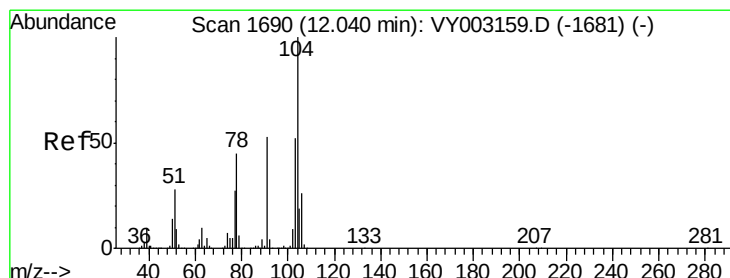
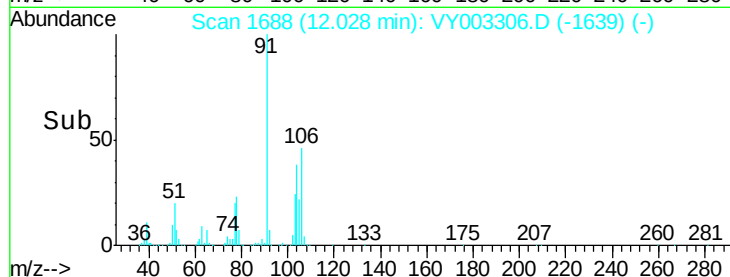
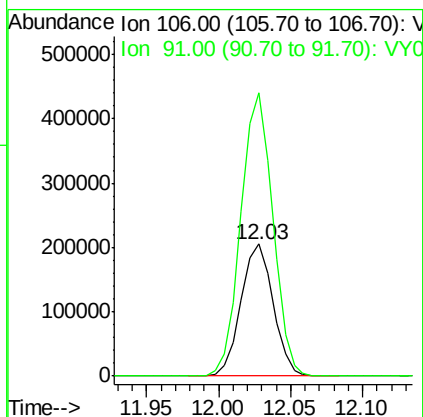
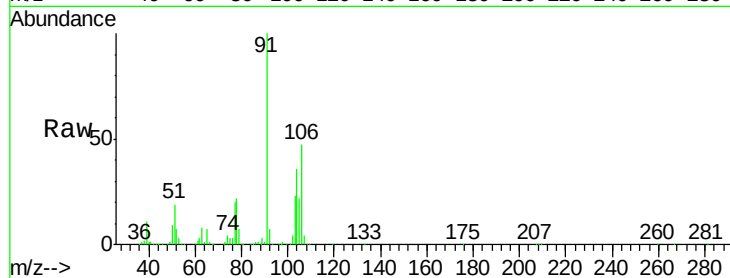
#69
o-Xylene
Concen: 49.931 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	213.1	105.1	315.1

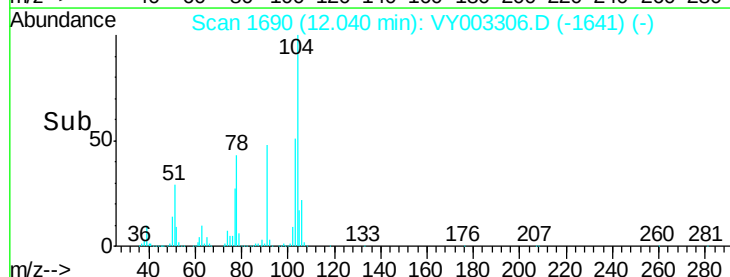
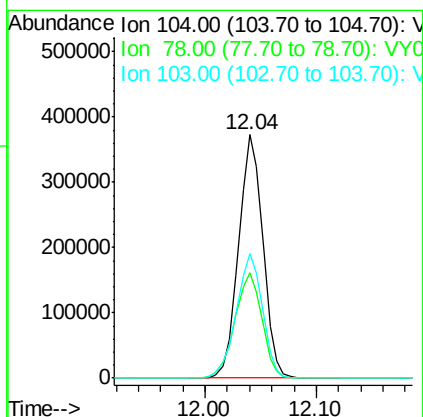
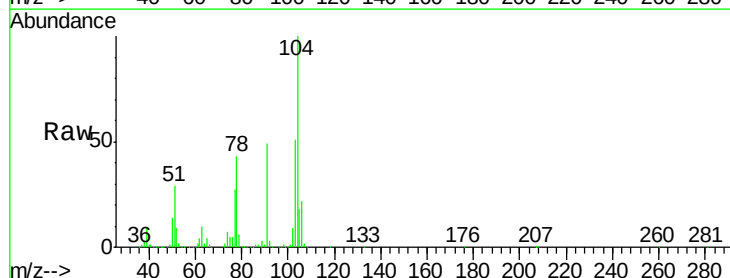
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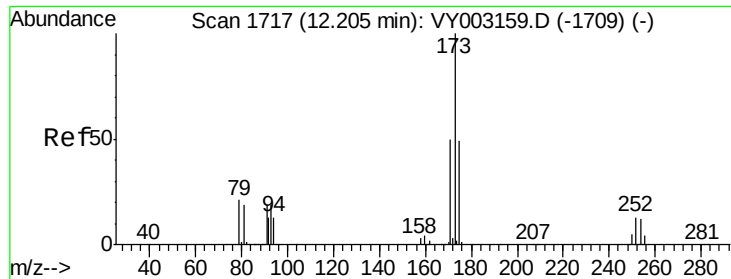
MMDadoda
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#70
Styrene
Concen: 51.738 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	47.8	38.5	57.7
103	103	55.2	43.9	65.9





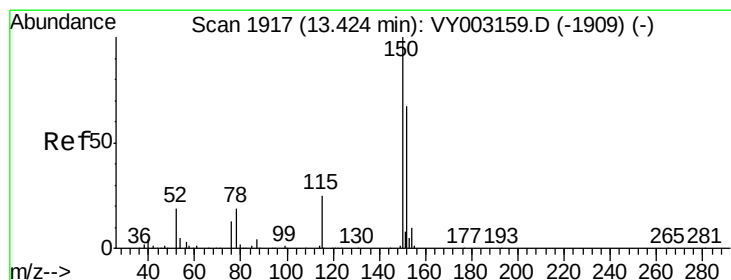
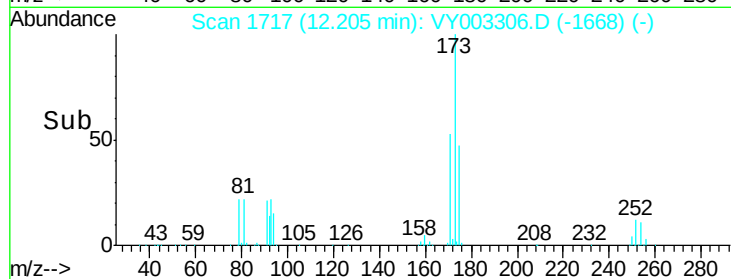
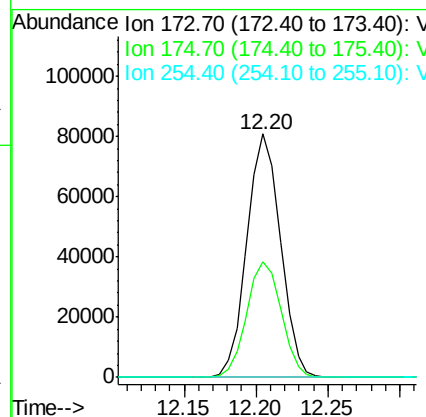
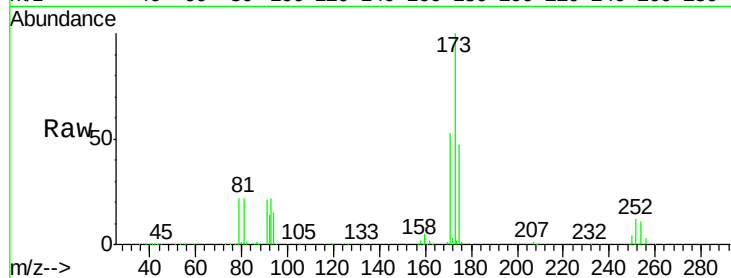
#71
Bromoform
Concen: 51.047 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	73.0
254	0.2	0.2	0.2

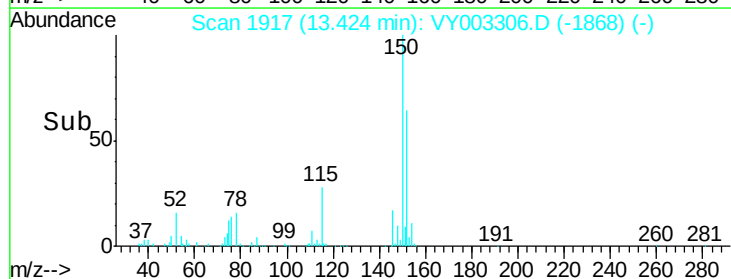
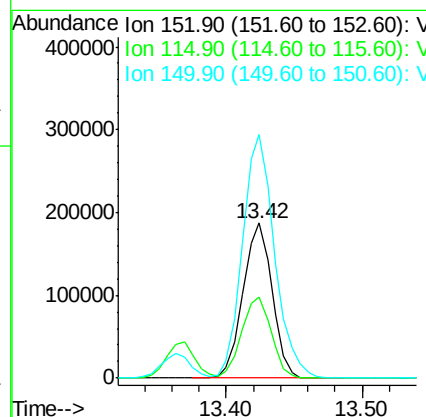
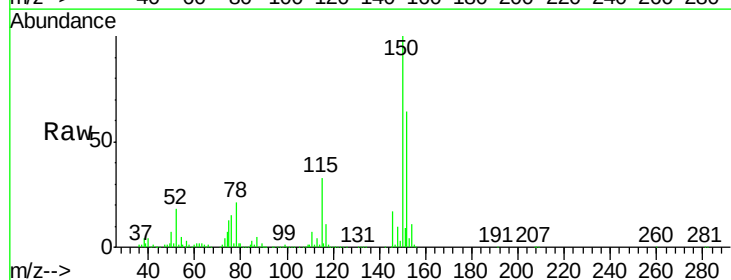
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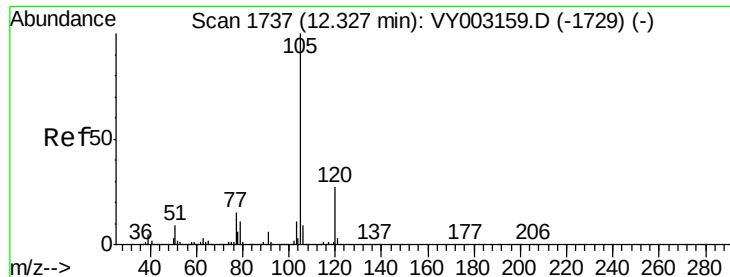
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	26.9	80.7
150	172.3	0.0	338.0





#73

Isopropylbenzene

Concen: 47.950 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 856196

Ion Ratio Lower Upper

105 100

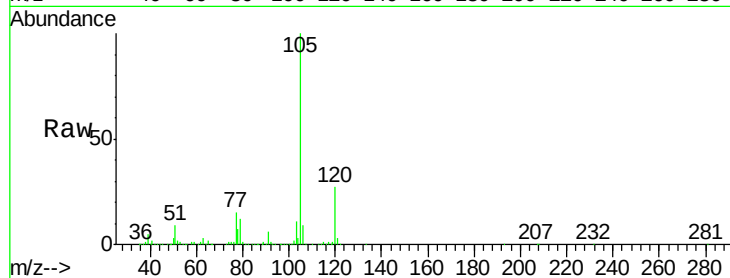
120 27.3 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

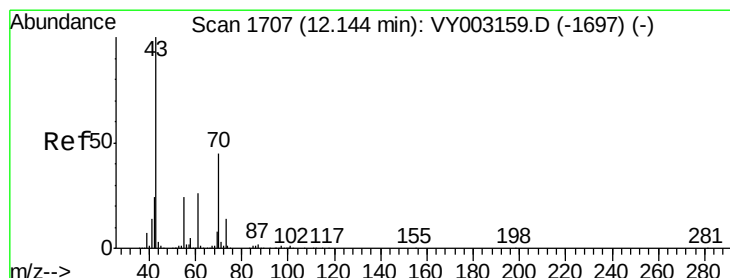
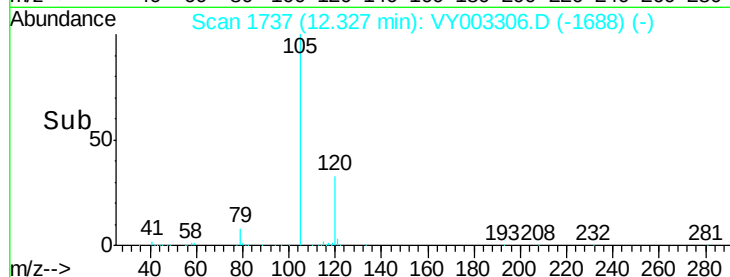
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 53.121 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion: 43 Resp: 266142

Ion Ratio Lower Upper

43 100

70 42.5 35.6 53.4

55 24.2 19.4 29.2

61 24.6 20.8 31.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

250000

200000

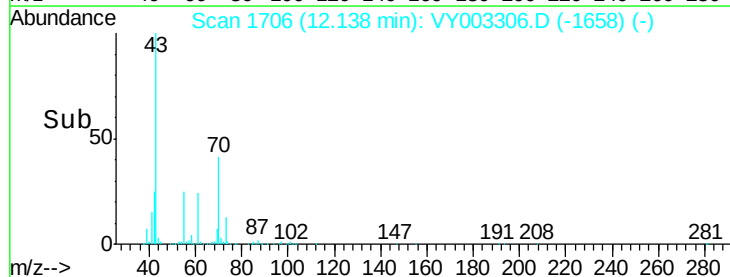
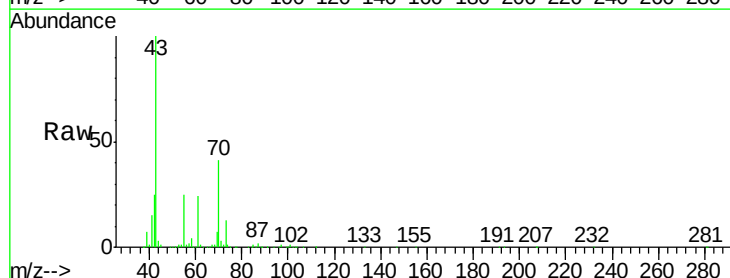
150000

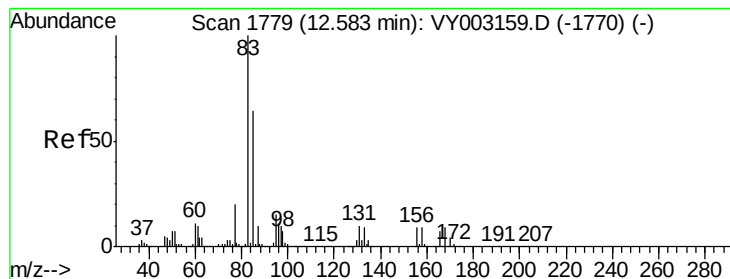
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.947 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 182595

Ion Ratio Lower Upper

83 100

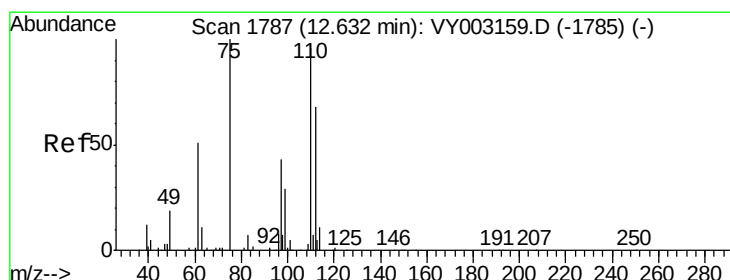
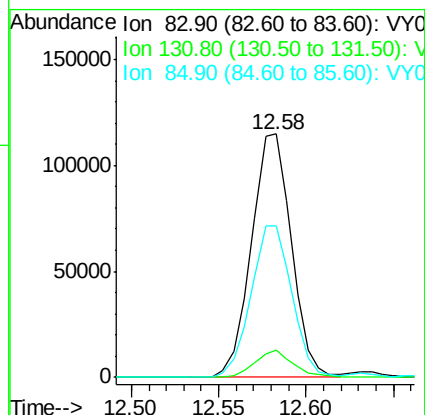
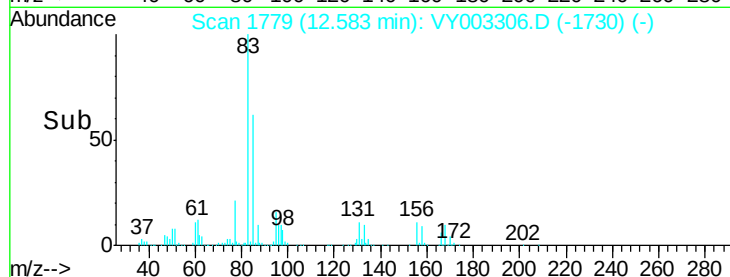
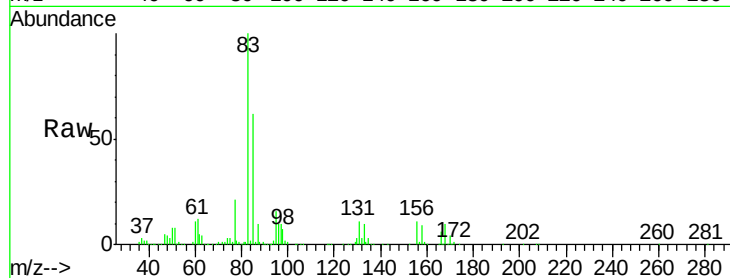
131 10.9 5.2 15.6

85 63.4 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 49.034 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003306.D

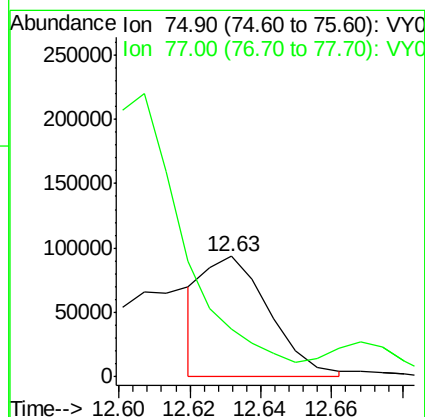
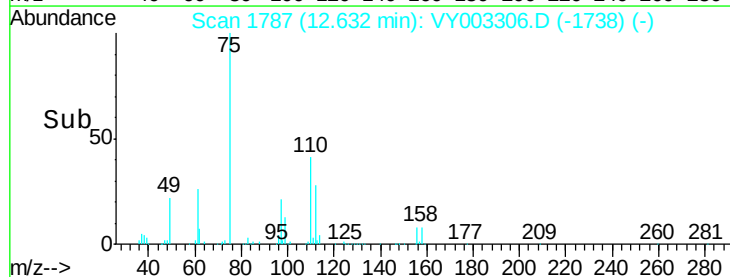
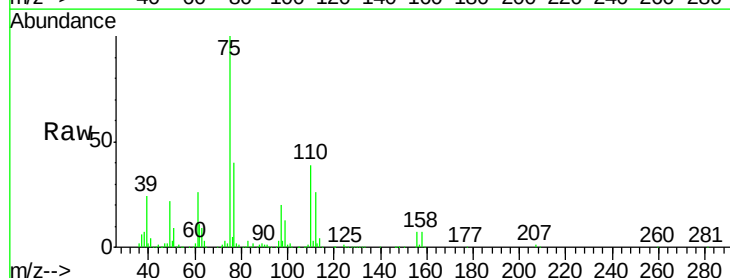
Acq: 22 Jul 2020 22:21

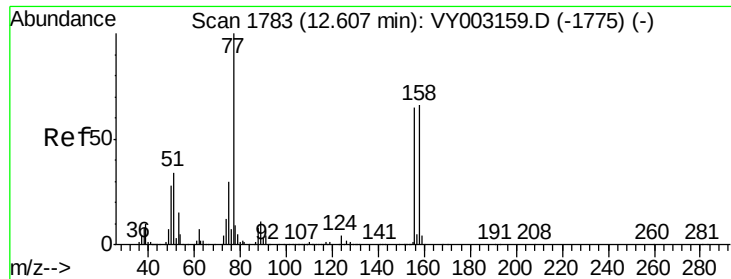
Tgt Ion: 75 Resp: 121615

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.039 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

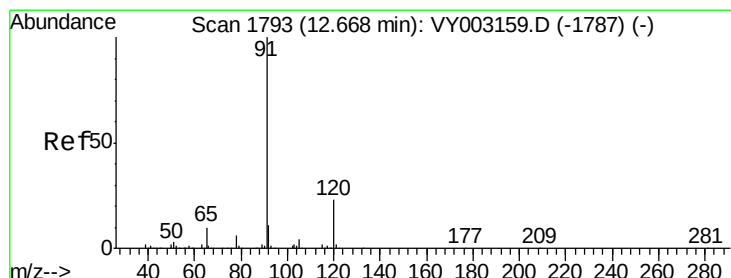
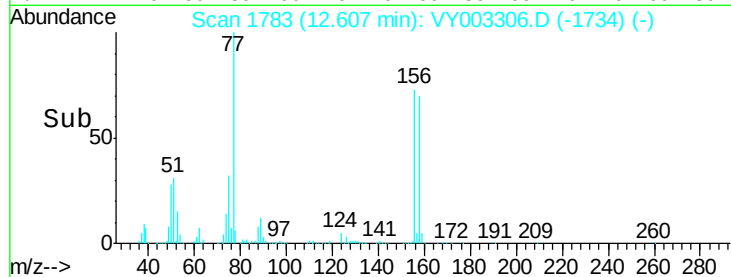
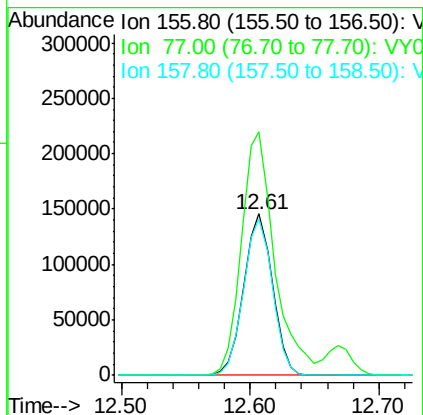
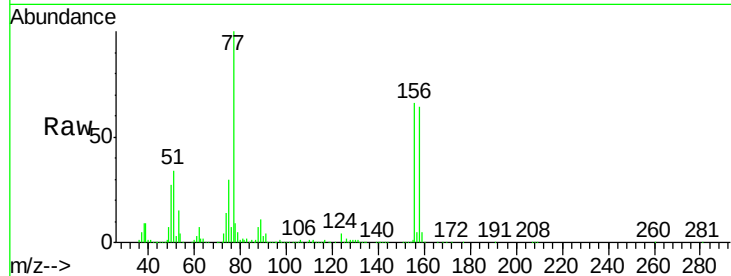
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	223203
Ion Ratio	Lower	Upper	
156	100		
77	174.6	86.6	259.7
158	97.5	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 48.401 ug/l

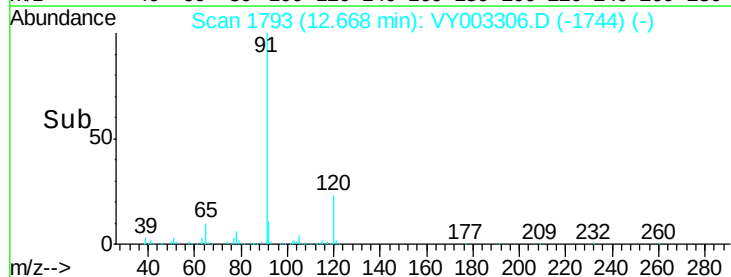
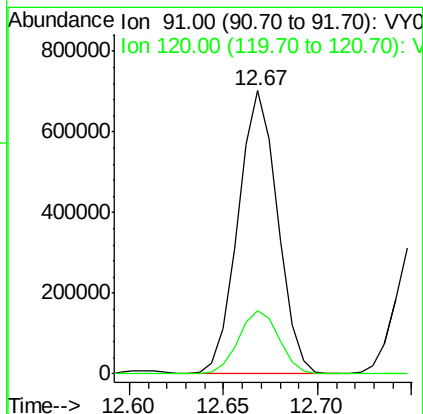
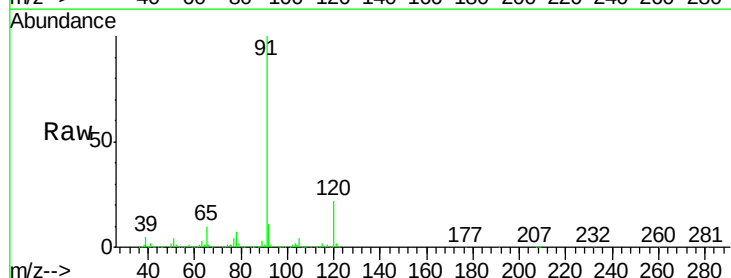
RT: 12.67 min Scan# 1793

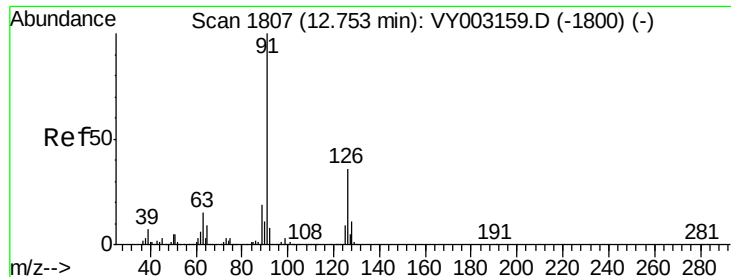
Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion:	91	Resp:	1018725
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 48.849 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 573642

Ion Ratio Lower Upper

91 100

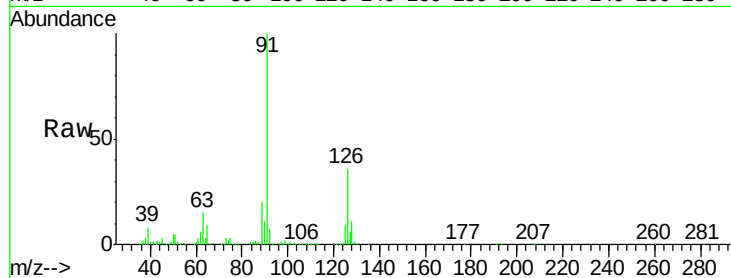
126 36.0 17.6 52.9

Manual Integrations

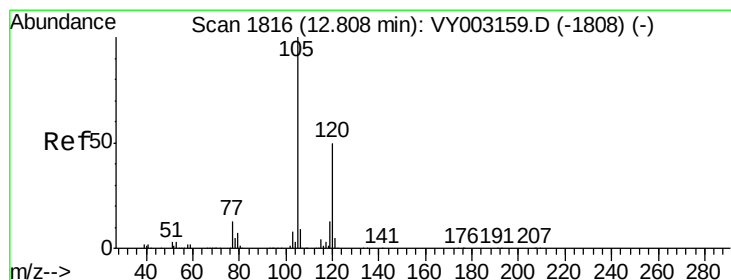
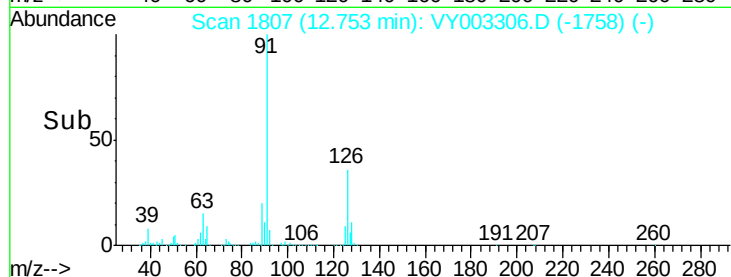
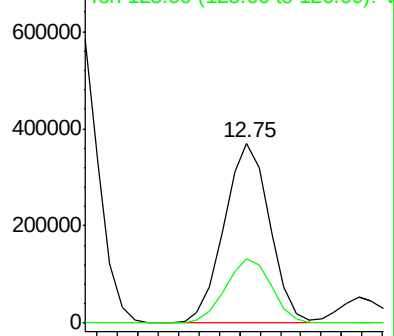
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Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.067 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003306.D

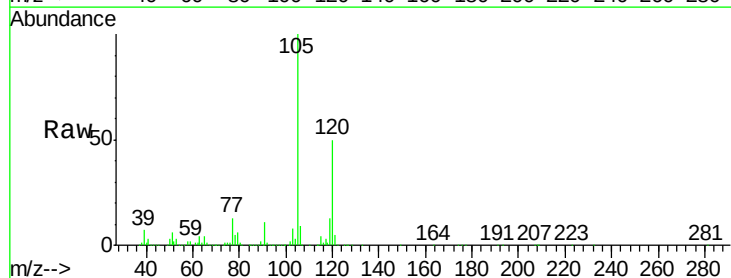
Acq: 22 Jul 2020 22:21

Tgt Ion: 105 Resp: 730217

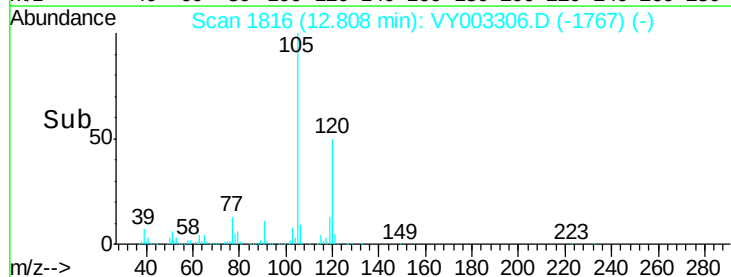
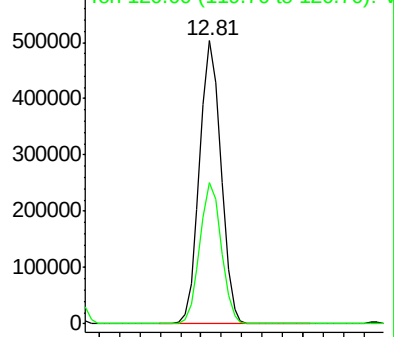
Ion Ratio Lower Upper

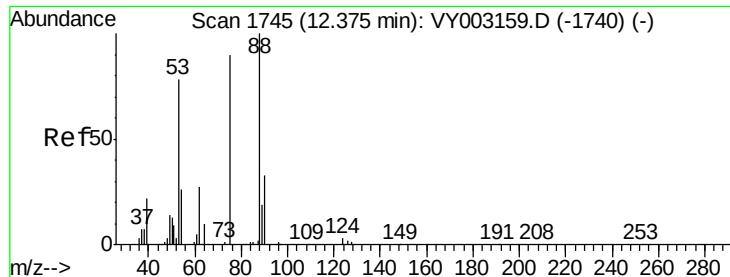
105 100

120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003159.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.219 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

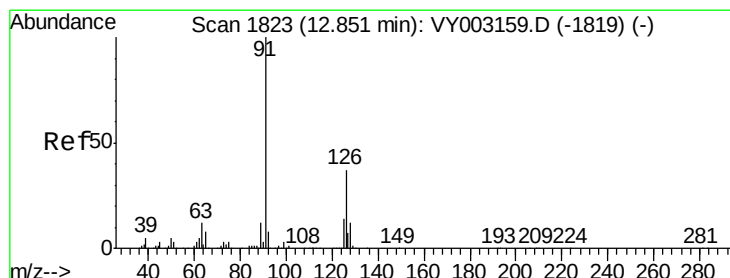
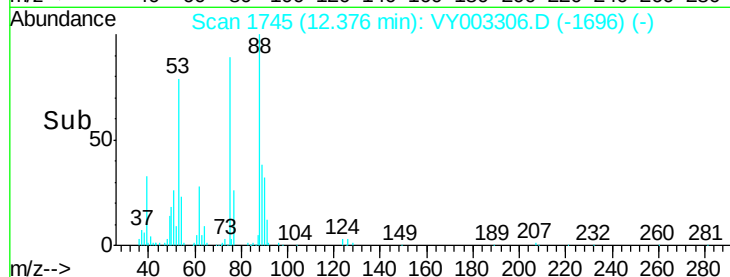
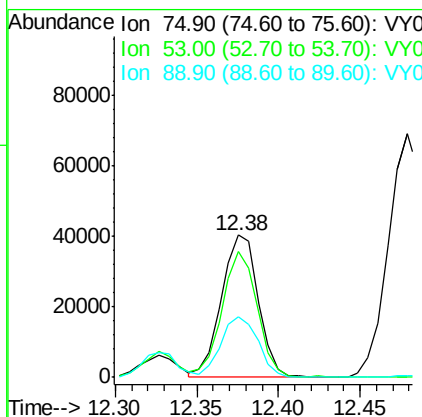
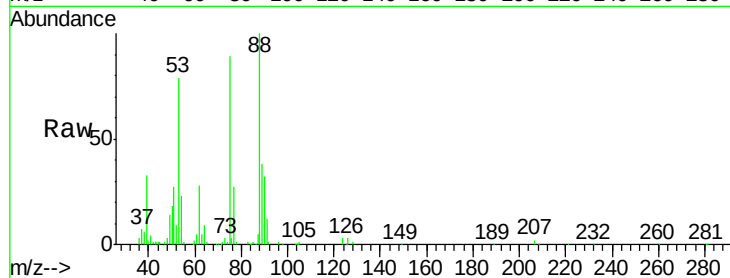
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	62724
Ion	Ratio	Lower	Upper
75	100		
53	86.0	72.0	108.0
89	43.2	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.057 ug/l

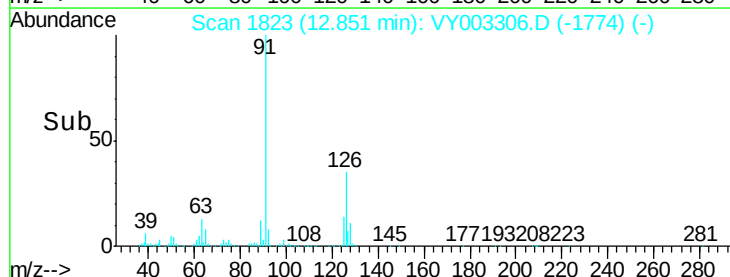
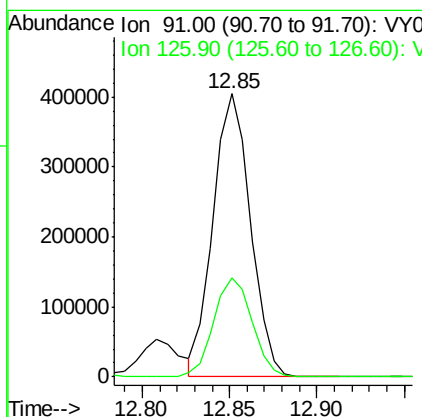
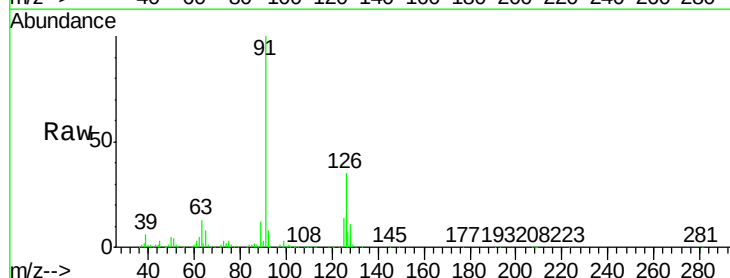
RT: 12.85 min Scan# 1823

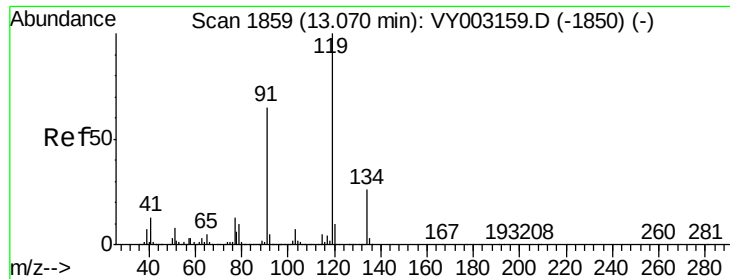
Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion:	91	Resp:	601302
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.9	53.7





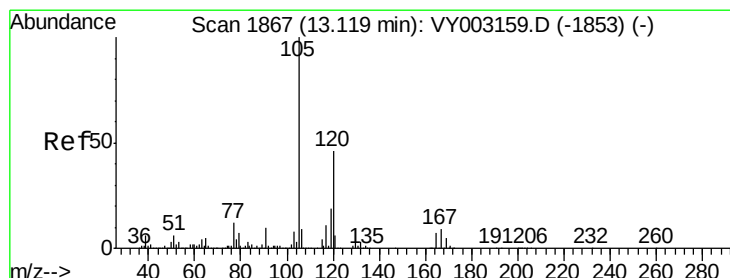
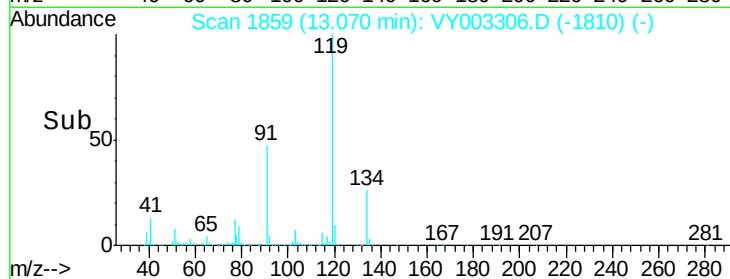
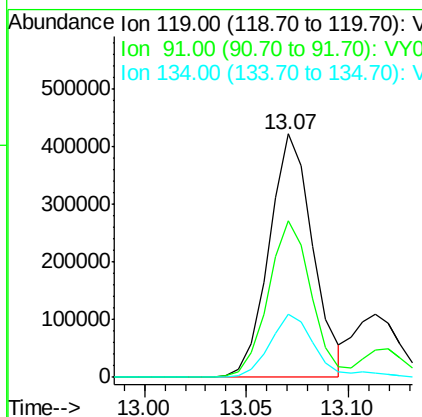
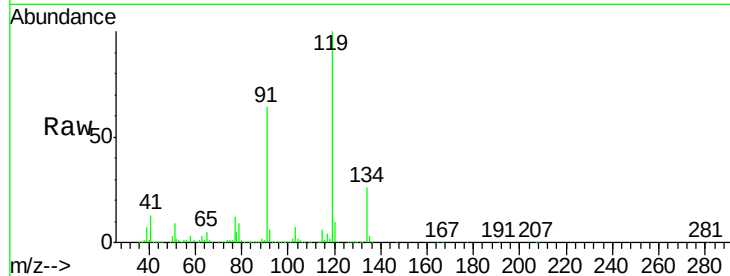
#83
 tert-Butylbenzene
 Concen: 48.173 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	30.8	92.4
134	27.0	13.2	39.6

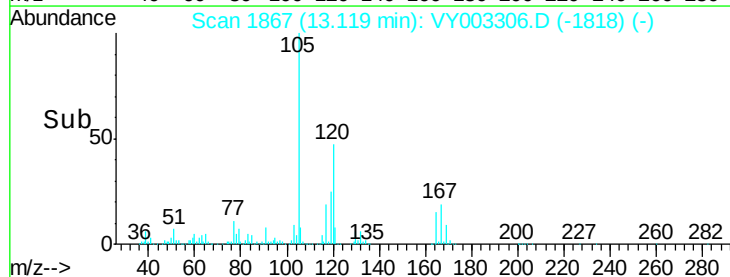
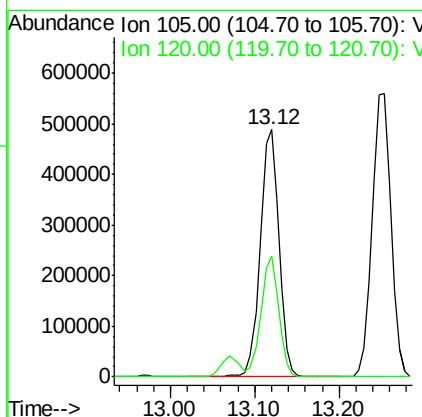
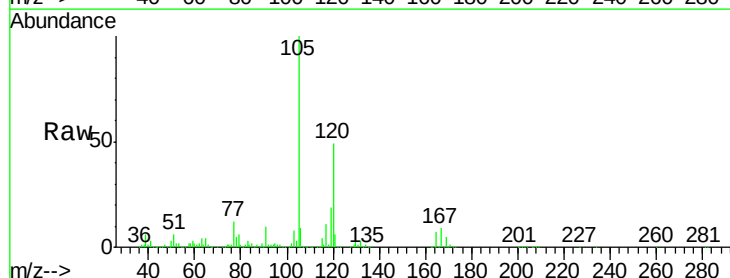
Manual Integrations
 APPROVED

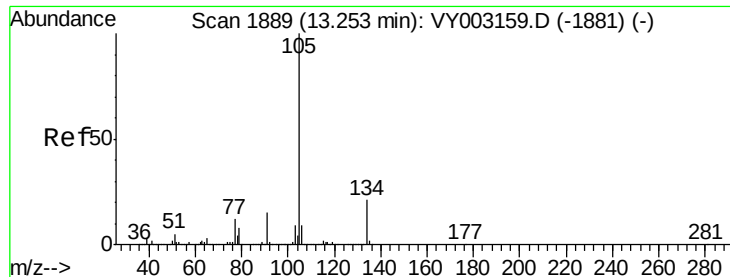
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.843 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.5	67.5





#85

sec-Butylbenzene

Concen: 48.370 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 873010

Ion Ratio Lower Upper

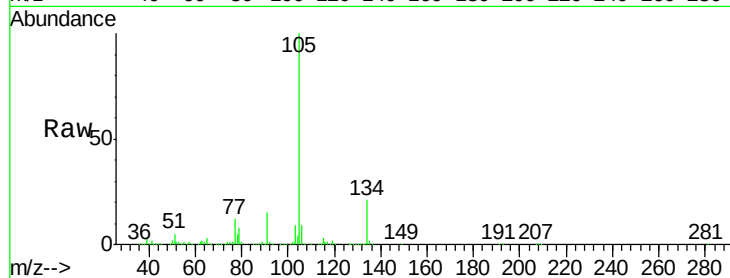
105 100

134 21.0 10.4 31.4

Manual Integrations
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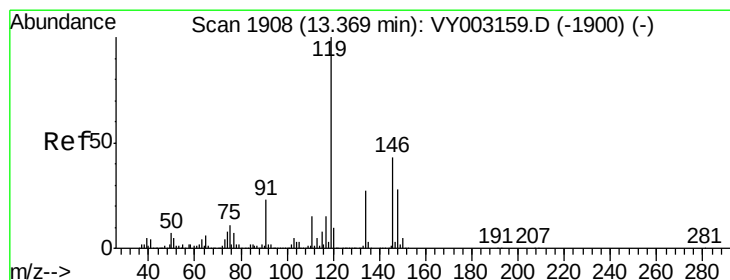
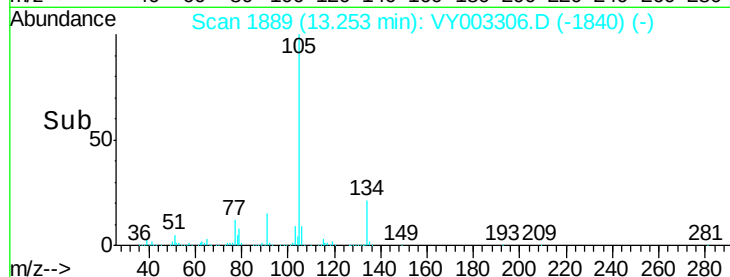
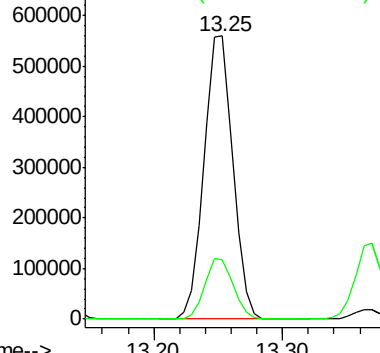
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.385 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

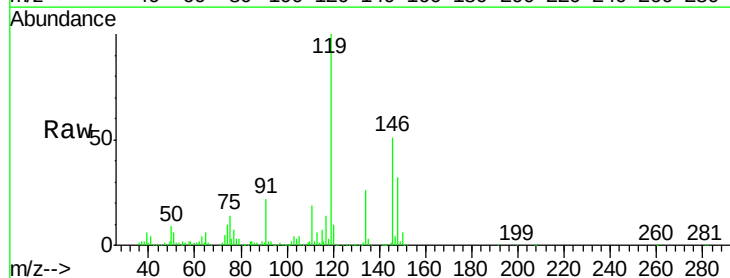
Tgt Ion:119 Resp: 815379

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

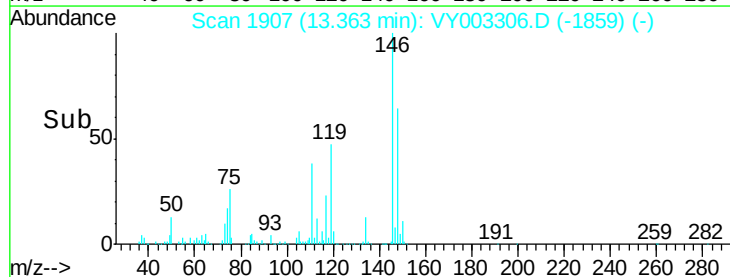
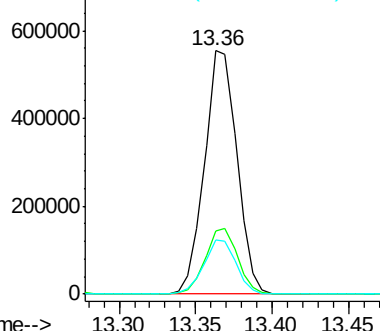
91 22.1 11.2 33.6

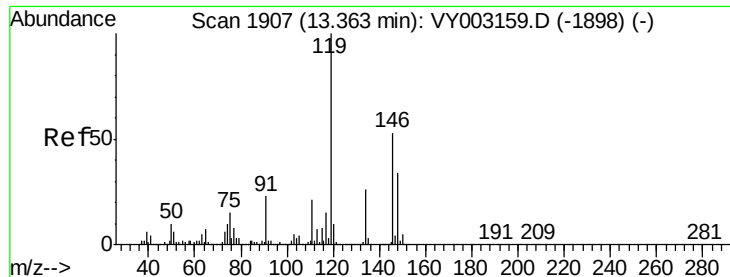


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





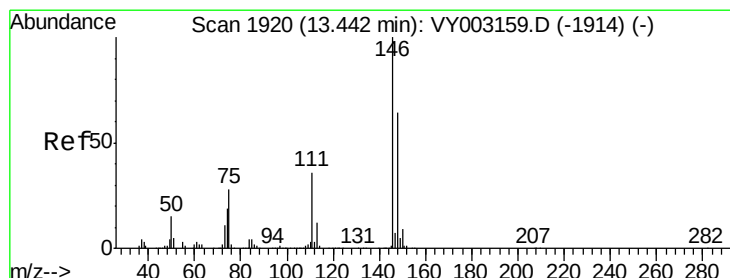
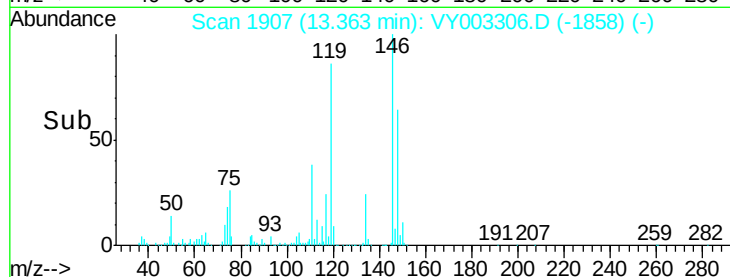
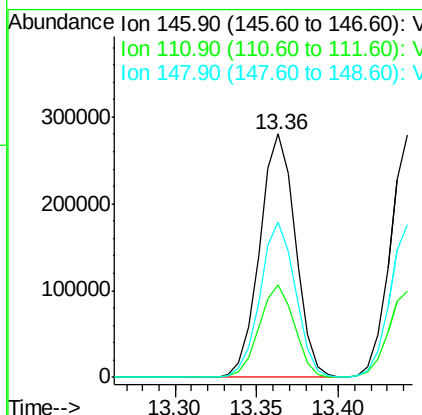
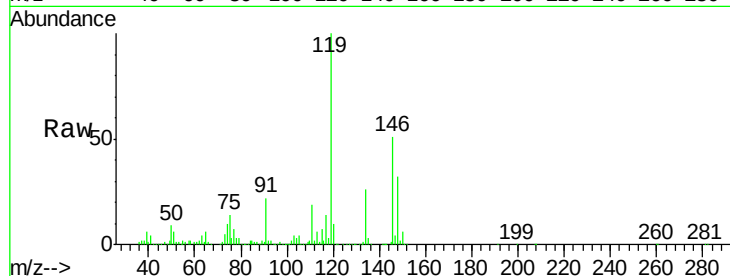
#87
 1,3-Dichlorobenzene
 Concen: 49.592 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.3
148	63.1	32.3	96.9

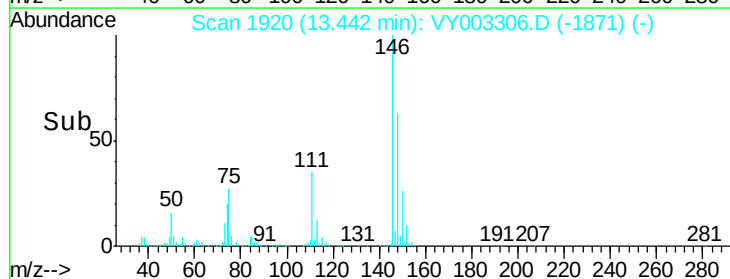
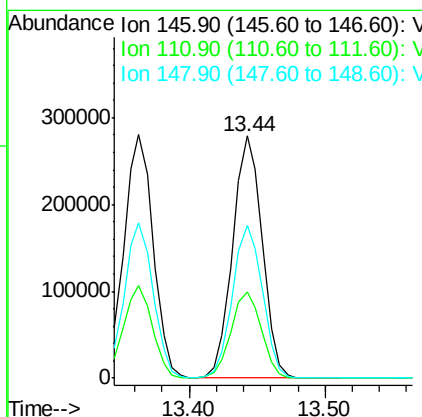
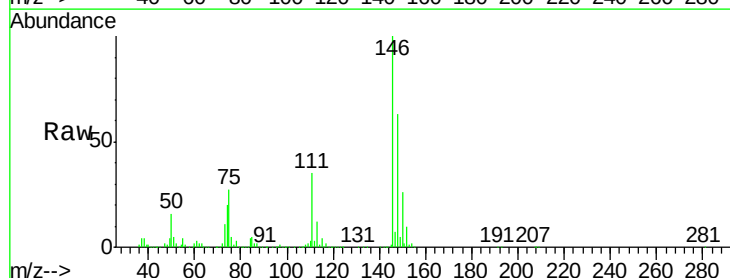
Manual Integrations
 APPROVED

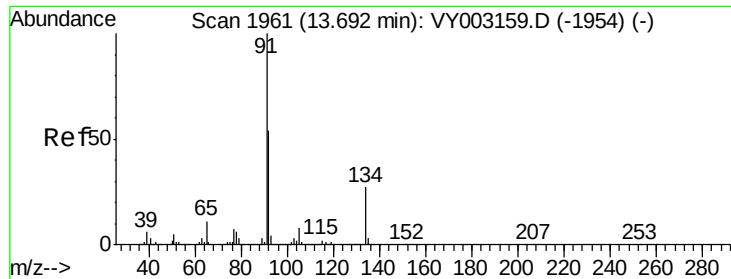
MMDadoda
 7/23/2020 12:23:04 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.484 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.0
148	63.9	32.0	96.0





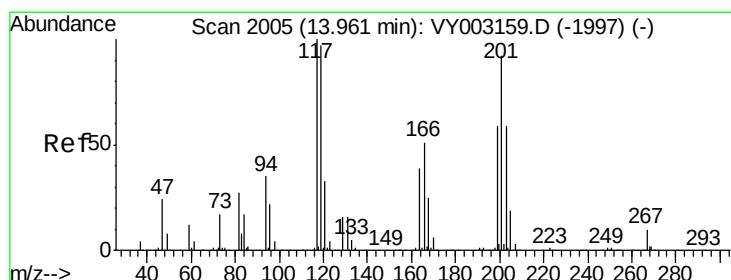
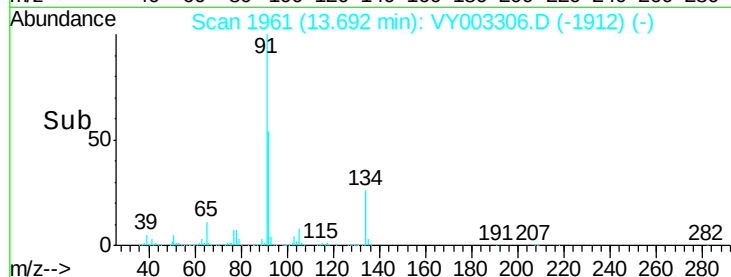
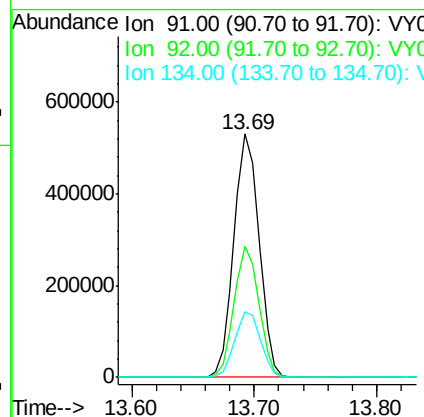
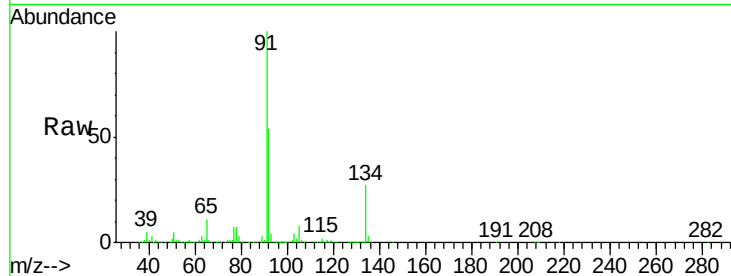
#89
n-Butylbenzene
Concen: 47.619 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.9	80.7
134	27.4	13.6	40.7

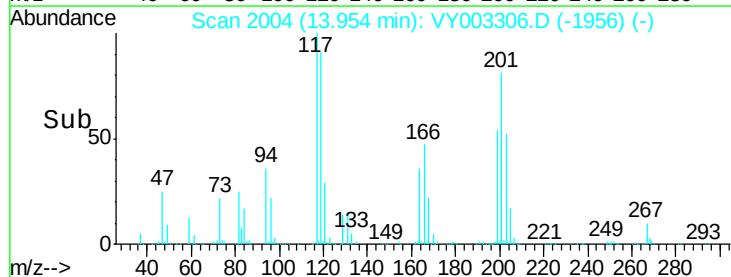
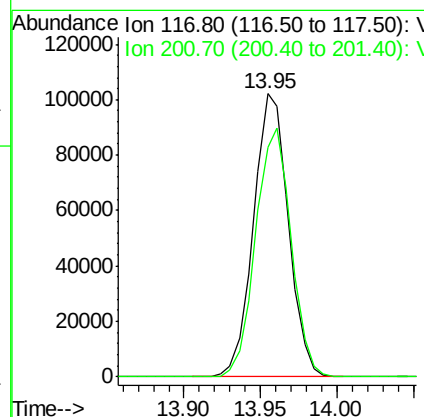
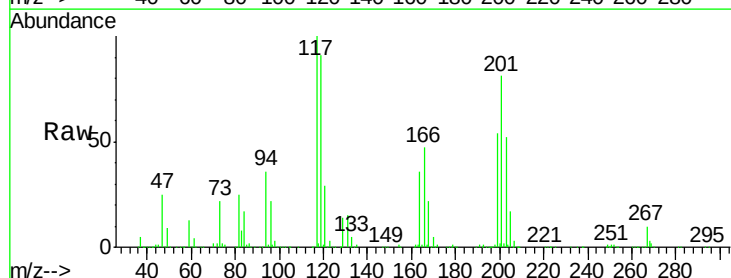
Manual Integrations
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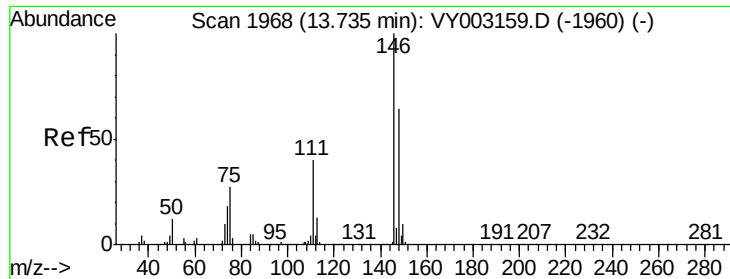
MMDadoda
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#90
Hexachloroethane
Concen: 52.787 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	45.1	135.3





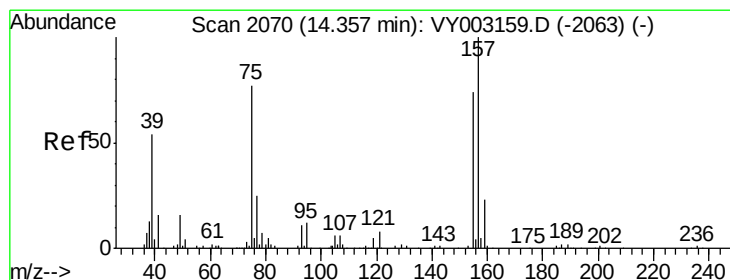
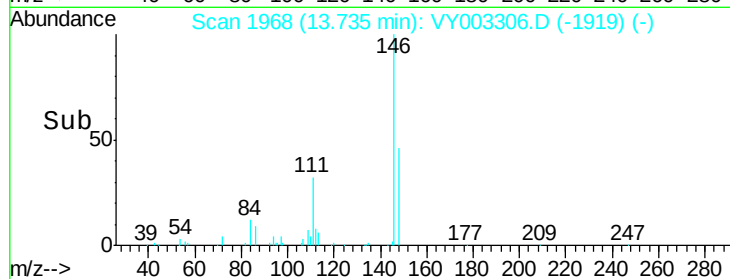
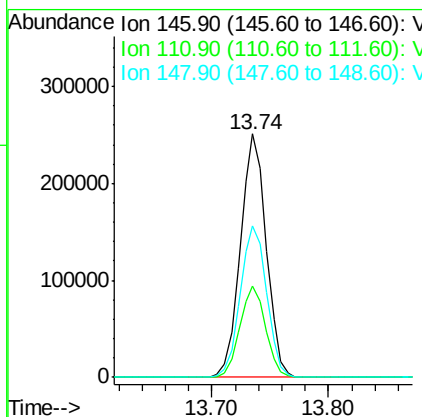
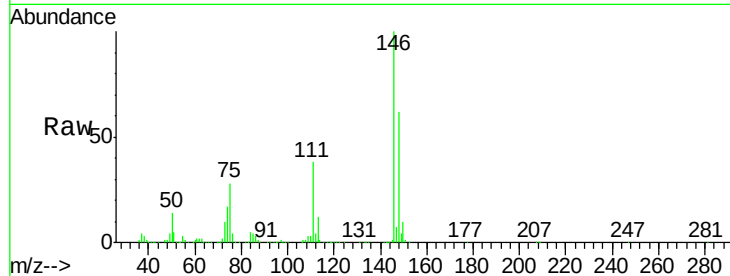
#91
 1,2-Dichlorobenzene
 Concen: 51.227 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	386936		
111	37.6	19.6	58.8	
148	63.8	32.4	97.0	

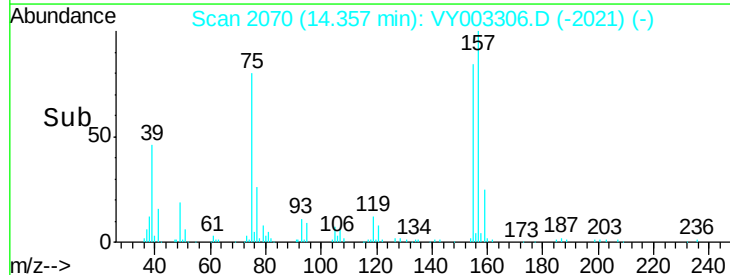
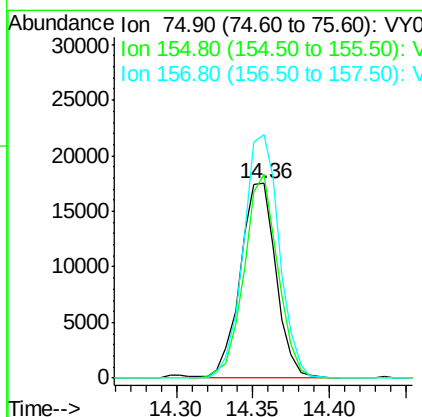
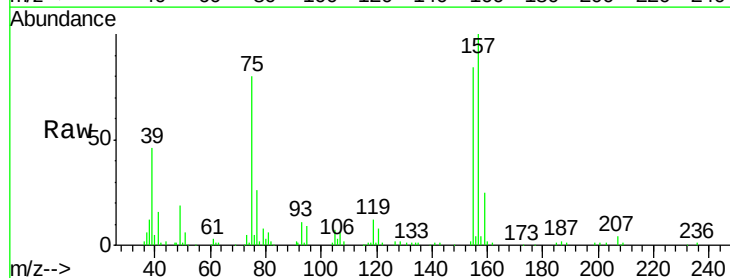
Manual Integrations
 APPROVED

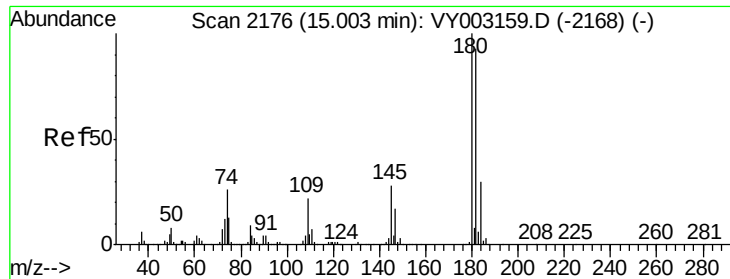
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 7/23/2020 12:23:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.020 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28525		
155	97.9	48.1	144.3	
157	124.6	61.9	185.6	





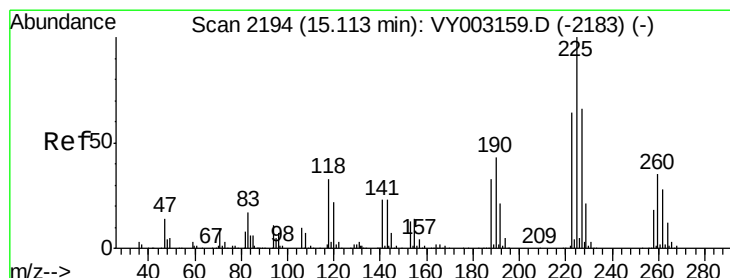
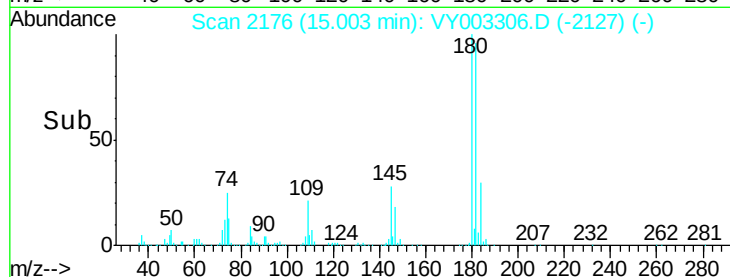
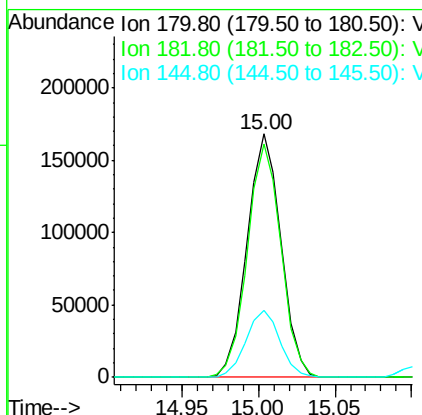
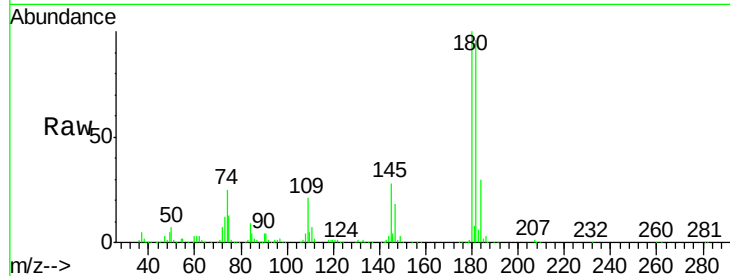
#93
 1,2,4-Trichlorobenzene
 Concen: 48.146 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	258713		
182	95.0	47.3	142.0	
145	27.6	13.7	41.1	

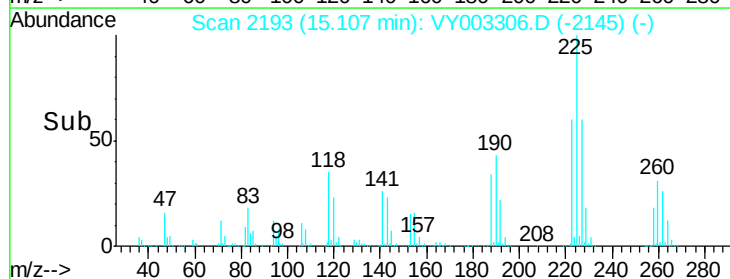
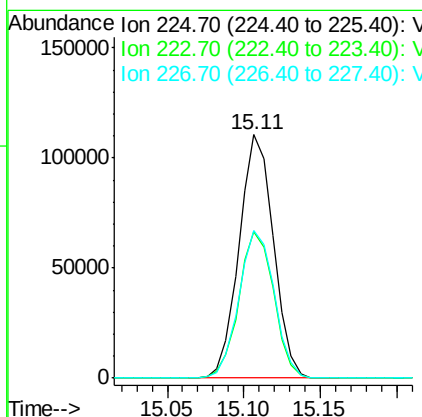
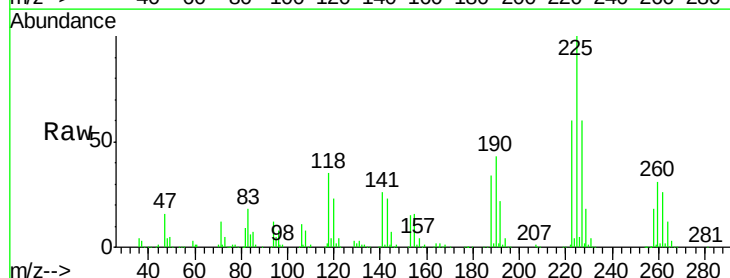
Manual Integrations
 APPROVED

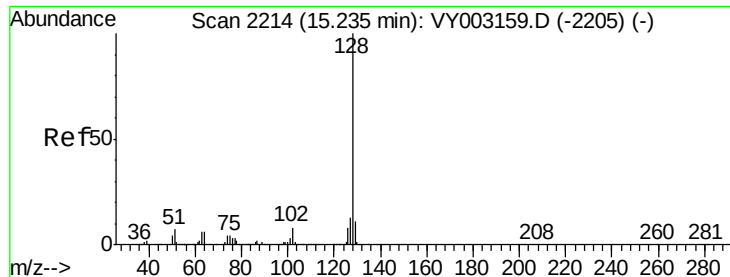
MMDadoda
 7/23/2020 12:23:04 PM



#94
 Hexachlorobutadiene
 Concen: 46.837 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172453		
223	60.8	31.6	94.7	
227	62.2	32.3	96.8	





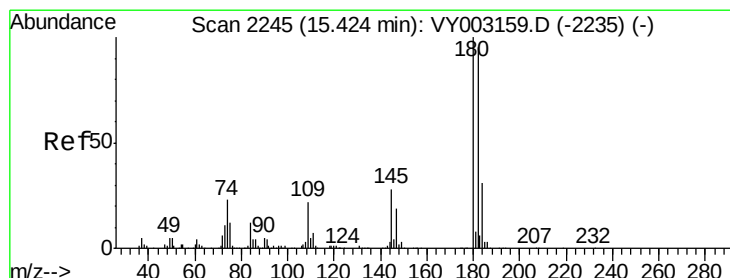
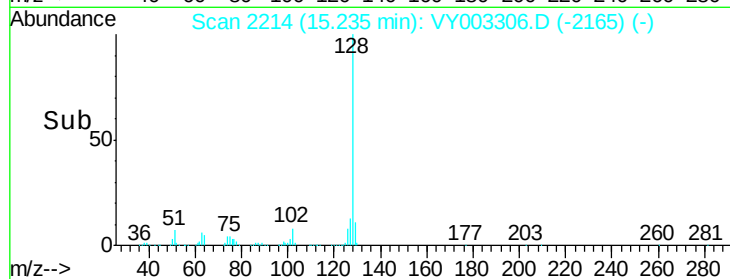
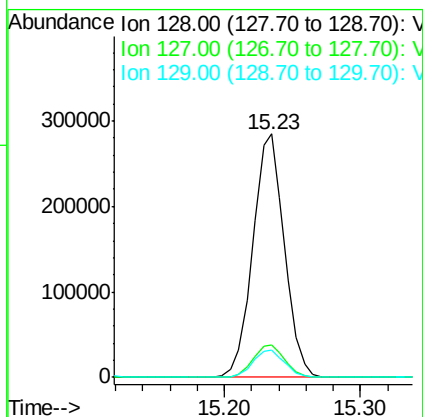
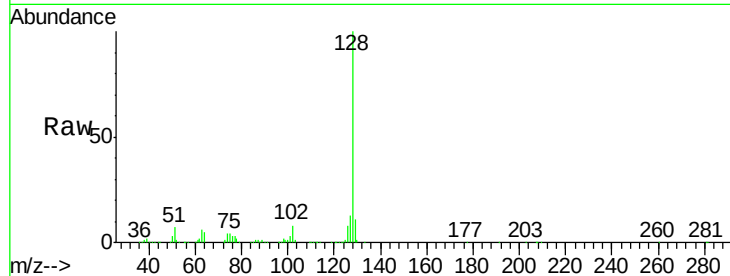
#95
Naphthalene
Concen: 52.079 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	11.3	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:23:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.923 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.8	146.3
145	28.8	14.9	44.5

