

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001840.D
 Acq On : 03 Mar 2020 17:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 2:02:14 PM

Quant Time: Mar 04 04:23:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	159775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	261919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	96080	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
35) Dibromofluoromethane	7.74	113	87559	52.74	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.19	98	358547	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
62) 4-Bromofluorobenzene	12.49	95	130208	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	76272	48.973	ug/l	99
3) Chloromethane	2.12	50	95998	45.826	ug/l	99
4) Vinyl Chloride	2.26	62	97972	46.368	ug/l	99
5) Bromomethane	2.66	94	63425	48.030	ug/l	93
6) Chloroethane	2.80	64	62731	48.180	ug/l	97
7) Trichlorofluoromethane	3.14	101	140246	51.862	ug/l	97
8) Diethyl Ether	3.55	74	56995	53.463	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	90078	52.996	ug/l	99
10) Methyl Iodide	4.11	142	101583	48.833	ug/l	100
11) Tert butyl alcohol	4.99	59	51398	259.074	ug/l	100
12) 1,1-Dichloroethene	3.89	96	88221	50.889	ug/l	96
13) Acrolein	3.75	56	44641	257.191	ug/l	98
14) Allyl chloride	4.50	41	164163	53.208	ug/l	98
15) Acrylonitrile	5.19	53	158304	289.704	ug/l	100
16) Acetone	3.97	43	138101	232.235	ug/l	99
17) Carbon Disulfide	4.21	76	262440	45.344	ug/l	100
18) Methyl Acetate	4.50	43	72784	56.203	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	259388	53.741	ug/l	99
20) Methylene Chloride	4.74	84	105965	50.167	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	100323	50.722	ug/l	100
22) Diisopropyl ether	6.14	45	347033	54.771	ug/l	95
23) Vinyl Acetate	6.08	43	1143033	276.568	ug/l	98
24) 1,1-Dichloroethane	6.05	63	180961	53.437	ug/l	99
25) 2-Butanone	7.01	43	211801	262.188	ug/l	98
26) 2,2-Dichloropropane	7.00	77	147805	50.167	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	114409	52.403	ug/l	100
28) Bromochloromethane	7.36	49	85822	60.838	ug/l	95
29) Tetrahydrofuran	7.37	42	136589	279.744	ug/l	99
30) Chloroform	7.53	83	172168	52.032	ug/l	96
31) Cyclohexane	7.80	56	174273	48.267	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	144786	52.062	ug/l	99
36) 1,1-Dichloropropene	7.94	75	141008	50.929	ug/l	100
37) Ethyl Acetate	7.10	43	91671	55.474	ug/l	98
38) Carbon Tetrachloride	7.92	117	120893	49.711	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	179384	48.837	ug/l	96
40) Benzene	8.18	78	422689	51.909	ug/l	99
41) Methacrylonitrile	7.34	41	43101m	51.945	ug/l	
42) 1,2-Dichloroethane	8.25	62	113097	50.982	ug/l	100
43) Isopropyl Acetate	8.29	43	170635	54.422	ug/l	99
44) Trichloroethene	8.96	130	102003	50.180	ug/l	97
45) 1,2-Dichloropropane	9.23	63	110473	54.172	ug/l	98
46) Dibromomethane	9.32	93	56452	52.925	ug/l	99
47) Bromodichloromethane	9.51	83	135021	52.450	ug/l	100
48) Methyl methacrylate	9.31	41	75911	53.533	ug/l	98
49) 1,4-Dioxane	9.32	88	15790	1048.115	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	447635	277.872	ug/l	99
52) Toluene	10.25	92	258132	50.820	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	148358	52.130	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	172841	52.768	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	86035	54.702	ug/l	98
56) Ethyl methacrylate	10.52	69	127049	53.846	ug/l	98
57) 1,3-Dichloropropane	10.80	76	150236	53.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	230725	260.847	ug/l	99
59) 2-Hexanone	10.84	43	319735	264.525	ug/l	99
60) Dibromochloromethane	11.00	129	90682	52.296	ug/l	100
61) 1,2-Dibromoethane	11.10	107	79481	53.446	ug/l	98
64) Tetrachloroethene	10.73	164	80478	48.946	ug/l	96
65) Chlorobenzene	11.52	112	267499	51.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	90986	51.580	ug/l	99
67) Ethyl Benzene	11.60	91	499852	51.509	ug/l	100
68) m/p-Xylenes	11.71	106	374299	103.257	ug/l	98
69) o-Xylene	12.03	106	176947	51.345	ug/l	98
70) Styrene	12.05	104	311438	52.000	ug/l	99
71) Bromoform	12.22	173	52458	52.038	ug/l #	97
73) Isopropylbenzene	12.34	105	481940	51.984	ug/l	99
74) N-amyl acetate	12.15	43	158190	53.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	108720	54.922	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	79480m	56.934	ug/l	
77) Bromobenzene	12.61	156	102153	50.828	ug/l	99
78) n-propylbenzene	12.68	91	593553	52.568	ug/l	100
79) 2-Chlorotoluene	12.77	91	328733	51.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	397038	51.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	39704	53.958	ug/l	98
82) 4-Chlorotoluene	12.86	91	347144	51.974	ug/l	100
83) tert-Butylbenzene	13.08	119	333694	51.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	397102	51.902	ug/l	100
85) sec-Butylbenzene	13.26	105	493621	52.290	ug/l	100
86) p-Isopropyltoluene	13.38	119	425109	51.837	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	199921	51.291	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	201100	51.041	ug/l	100
89) n-Butylbenzene	13.70	91	435863	52.014	ug/l	100
90) Hexachloroethane	13.97	117	80754	52.264	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	183146	50.916	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17510	53.598	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	118750	49.817	ug/l	98
94) Hexachlorobutadiene	15.12	225	58176	49.074	ug/l	99
95) Naphthalene	15.25	128	290907	52.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	106856	50.954	ug/l	99

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

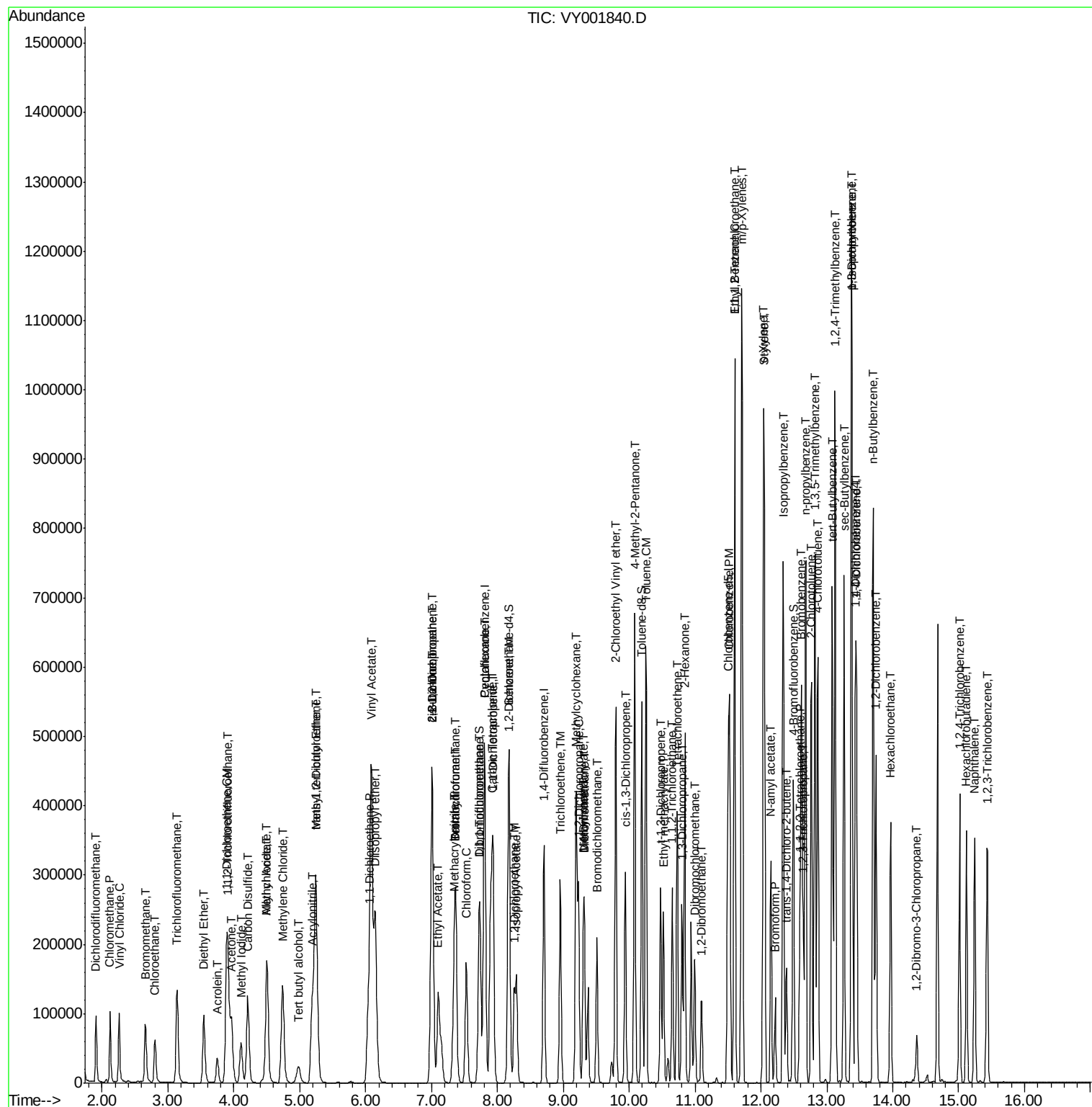
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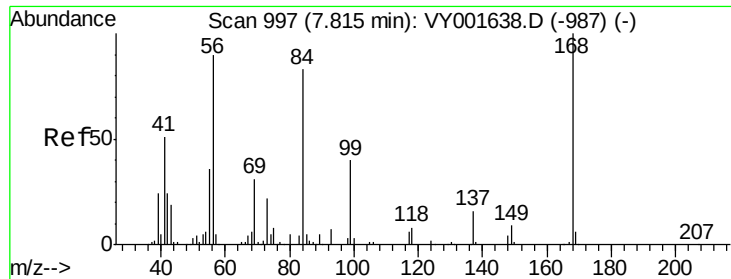
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001840.D

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Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 159775

Ion Ratio Lower Upper

168 100

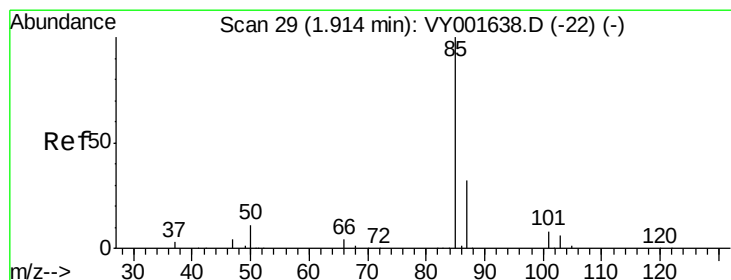
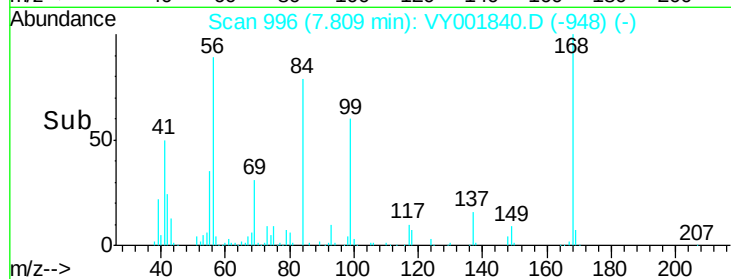
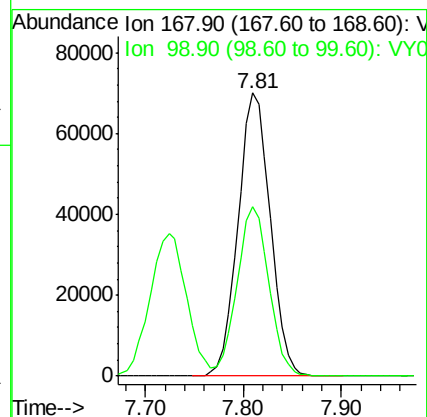
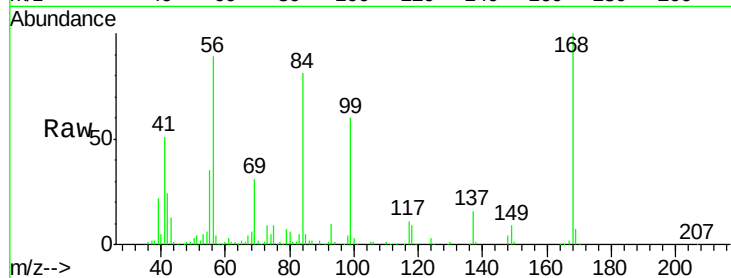
99 59.8 47.5 71.3

Manual Integrations

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3/4/2020 2:02:14 PM



#2

Dichlorodifluoromethane

Concen: 48.973 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001840.D

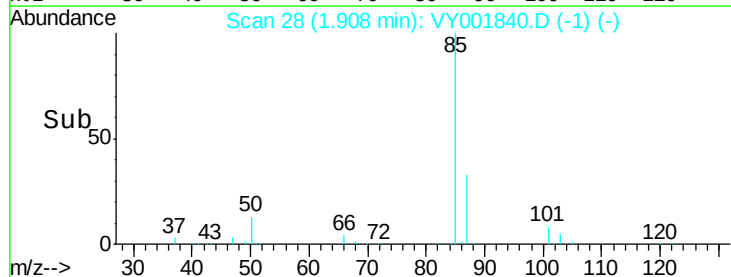
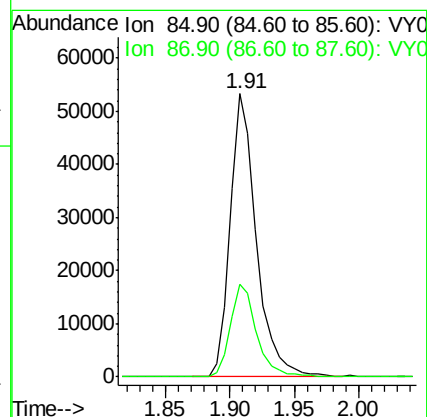
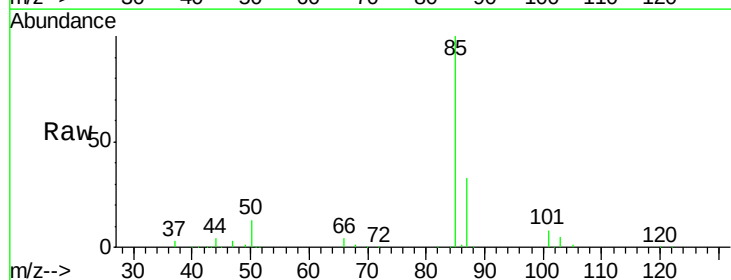
Acq: 03 Mar 2020 17:11

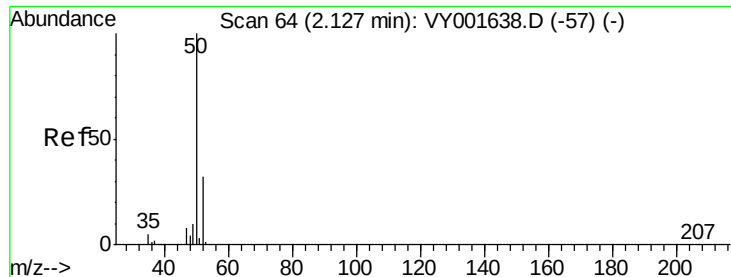
Tgt Ion: 85 Resp: 76272

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.6





#3

Chloromethane

Concen: 45.826 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95998

Ion Ratio Lower Upper

50 100

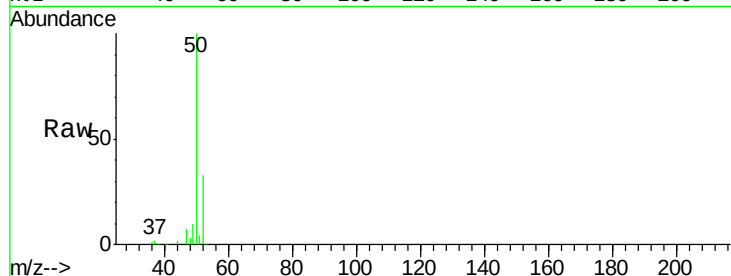
52 32.8 25.8 38.6

Manual Integrations

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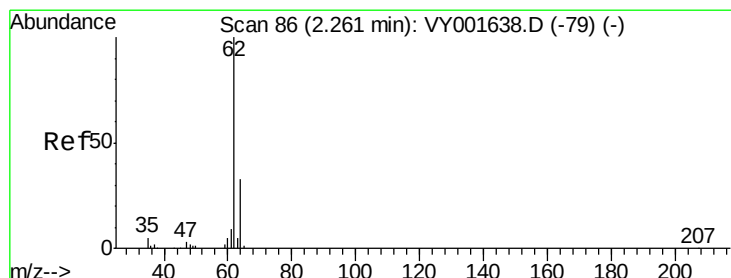
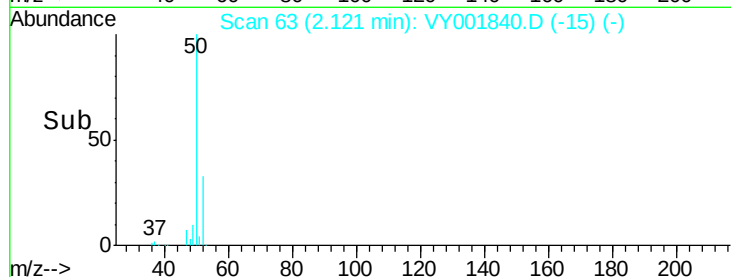
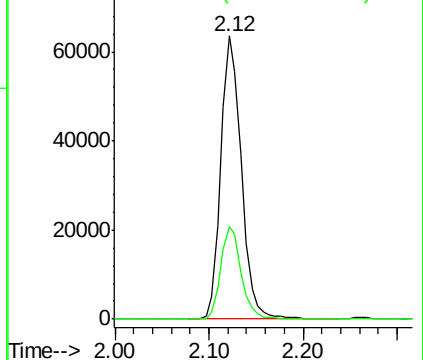
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.368 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001840.D

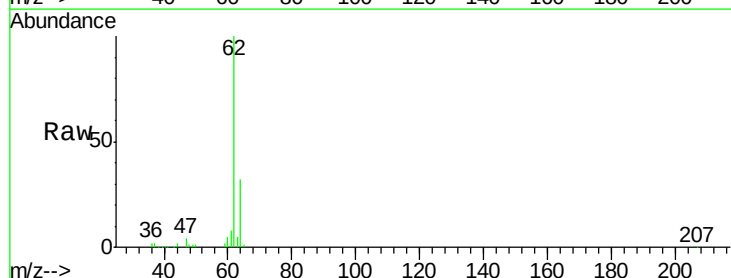
Acq: 03 Mar 2020 17:11

Tgt Ion: 62 Resp: 97972

Ion Ratio Lower Upper

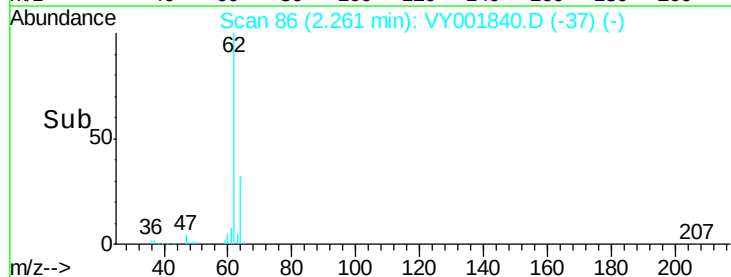
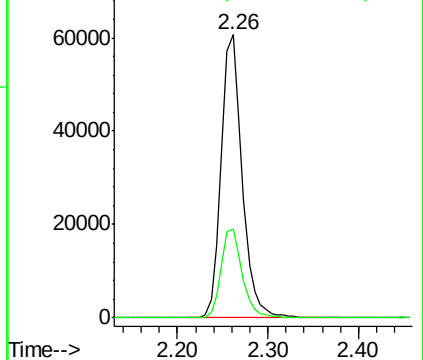
62 100

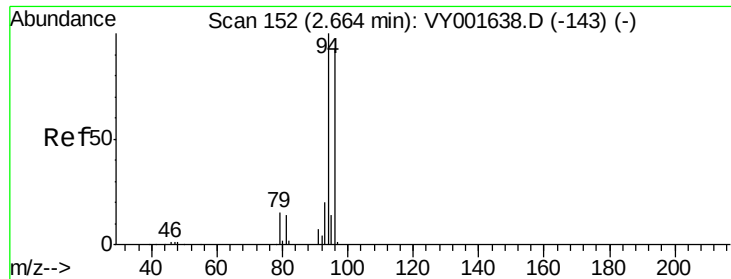
64 31.6 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 48.030 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

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MSVOA_Y

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Tot Ion: 94 Resp: 63425

Ion Ratio Lower Upper

94 100

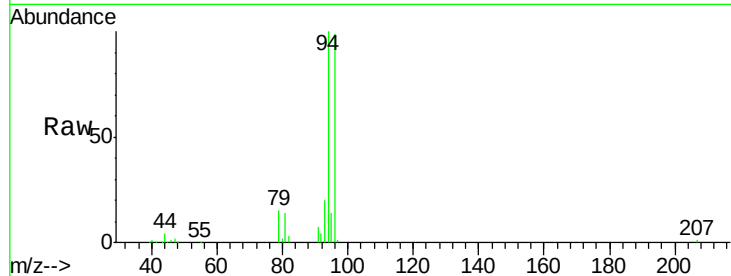
96 98.8 73.7 110.5

Manual Integrations

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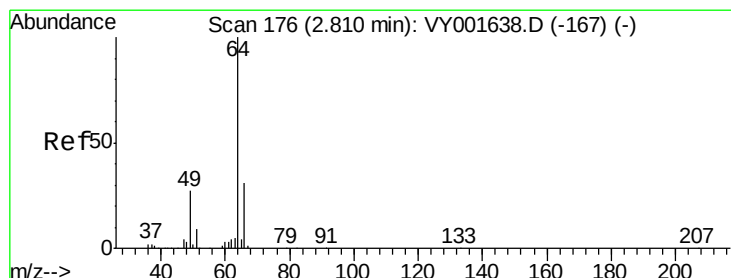
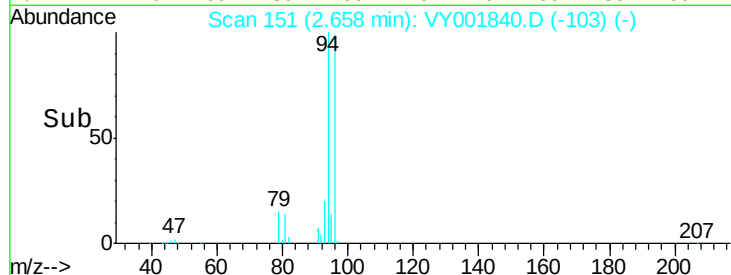
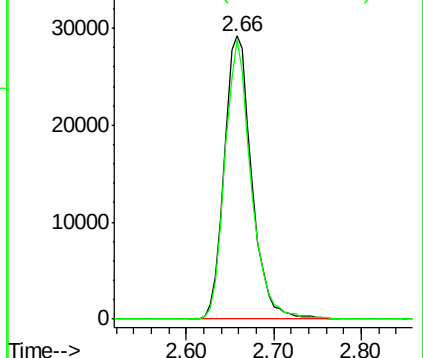
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.180 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001840.D

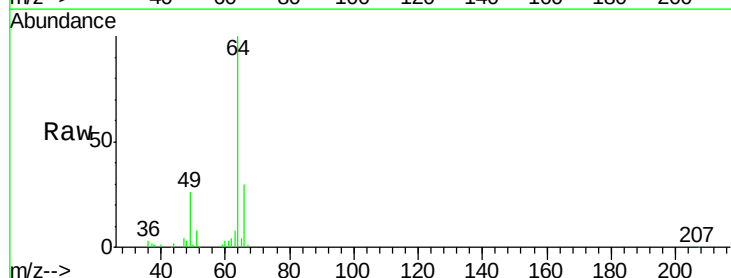
Acq: 03 Mar 2020 17:11

Tgt Ion: 64 Resp: 62731

Ion Ratio Lower Upper

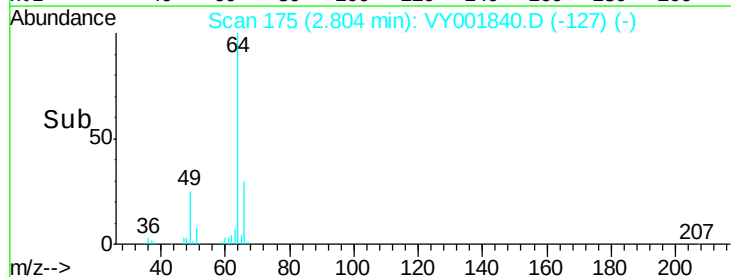
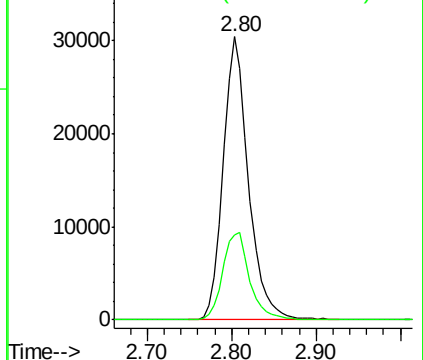
64 100

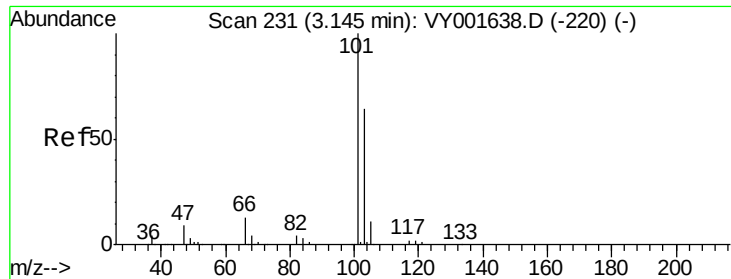
66 30.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

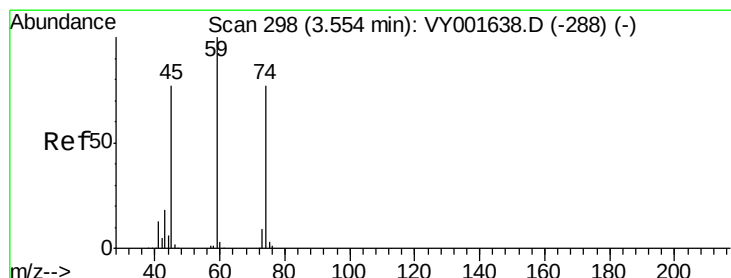
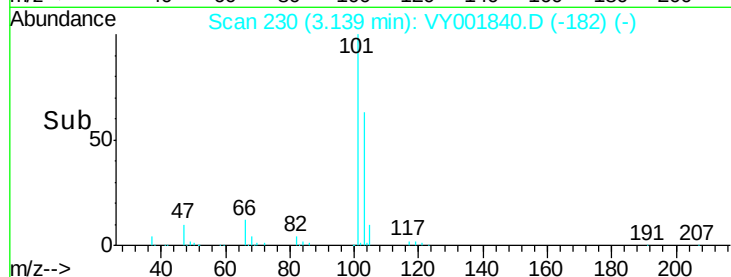
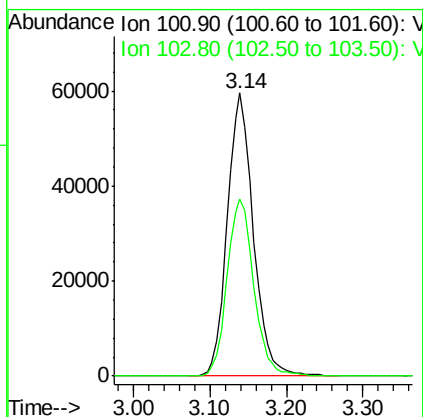
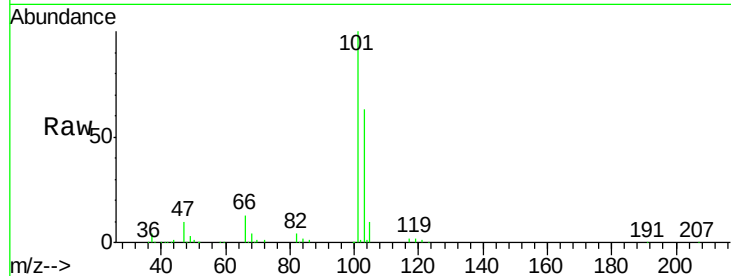
Trichlorofluoromethane
 Concen: 51.862 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	52.2	78.2

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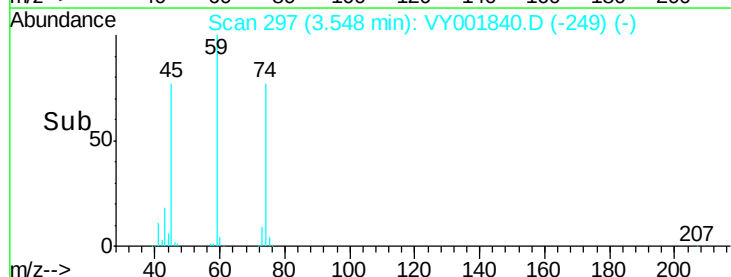
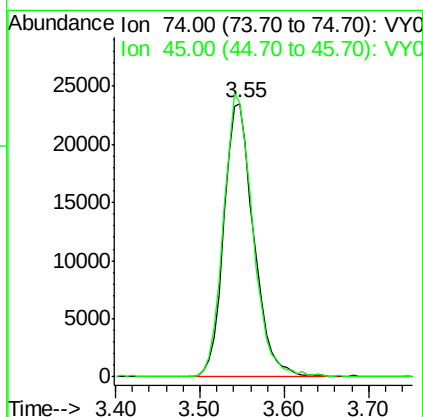
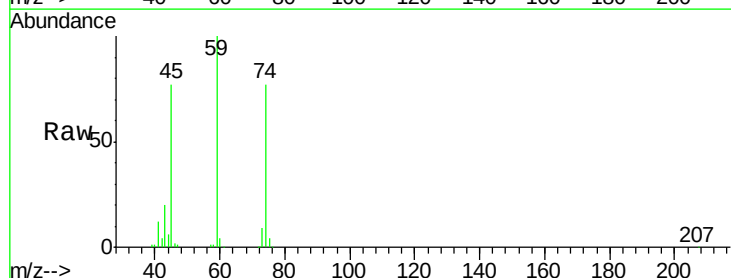
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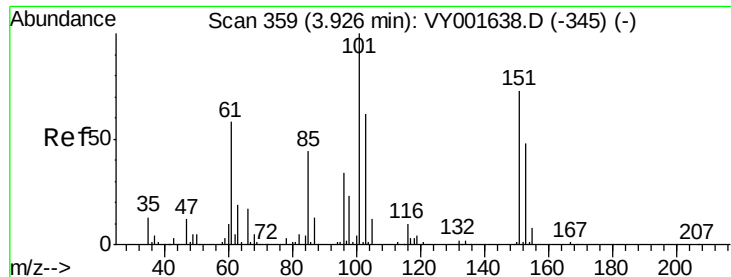


#8

Diethyl Ether
 Concen: 53.463 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.996 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

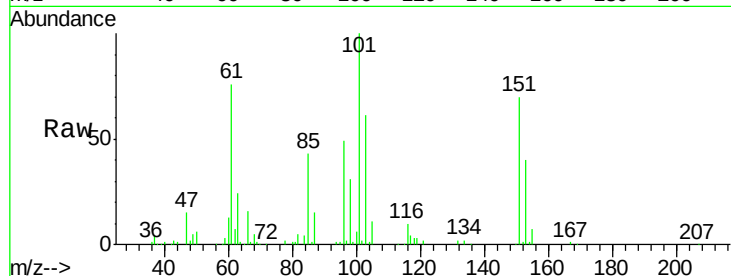
ClientSampleId :

VSTDCCC050EC

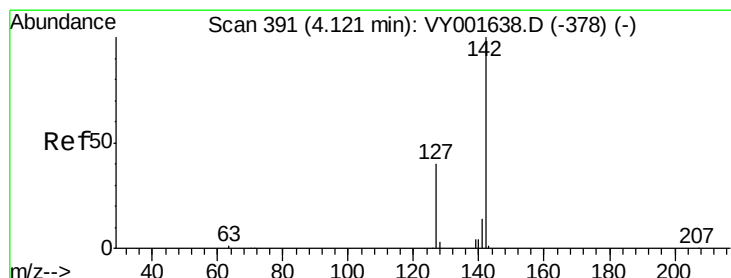
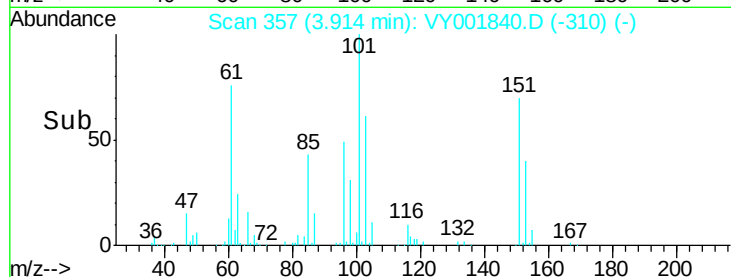
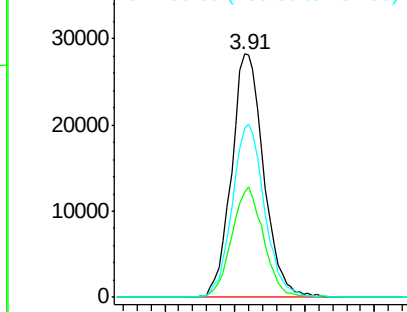
Tot Ion:	101	Resp:	90078
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.1	52.7
151	71.7	58.4	87.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.833 ug/l

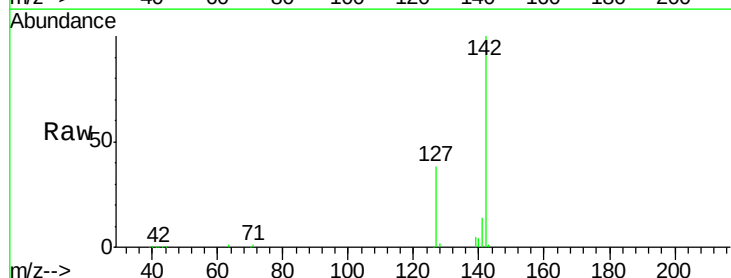
RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

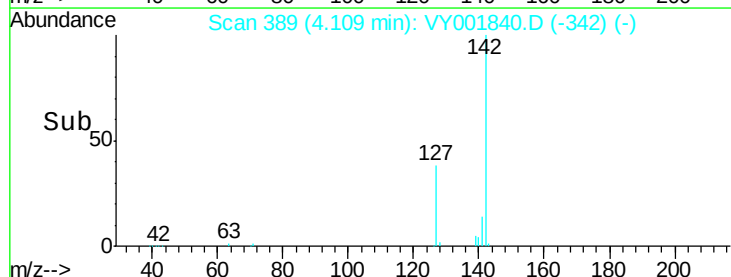
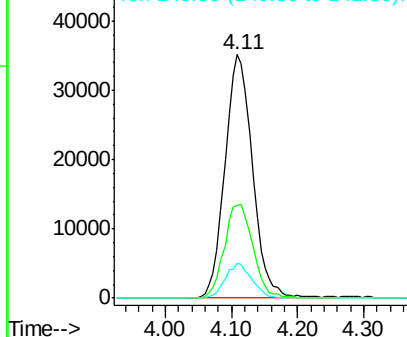
Lab File: VY001840.D

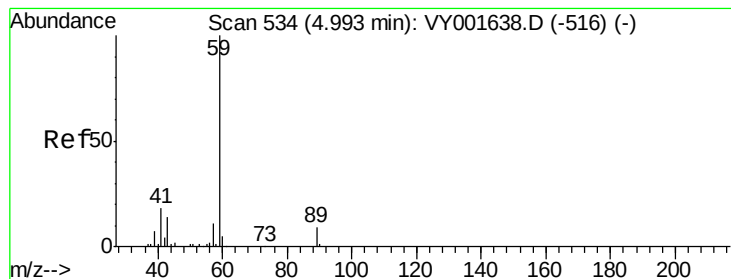
Acq: 03 Mar 2020 17:11

Tgt Ion:	142	Resp:	101583
Ion Ratio	Lower	Upper	
142	100		
127	40.0	32.1	48.1
141	13.9	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

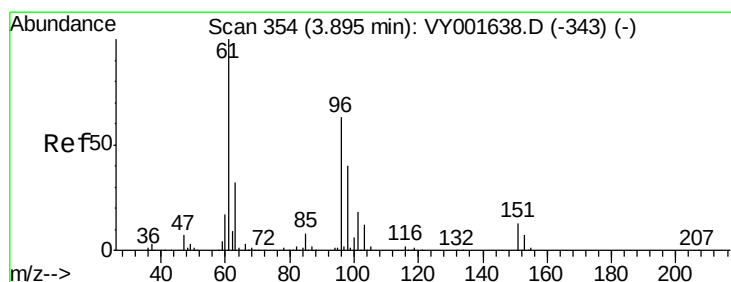
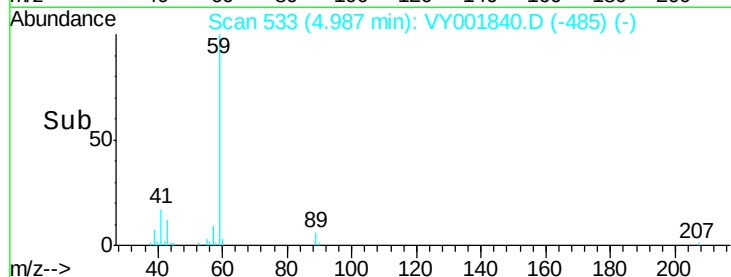
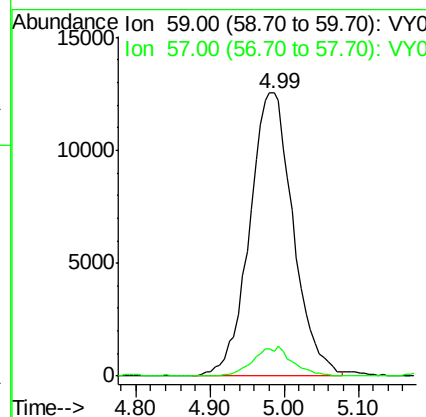
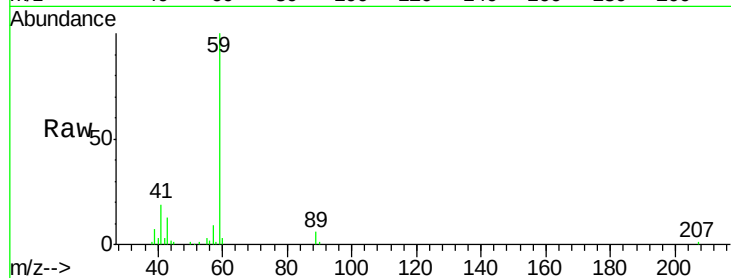
Tert butyl alcohol
 Concen: 259.074 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	51398		
57	9.3		7.4	11.2

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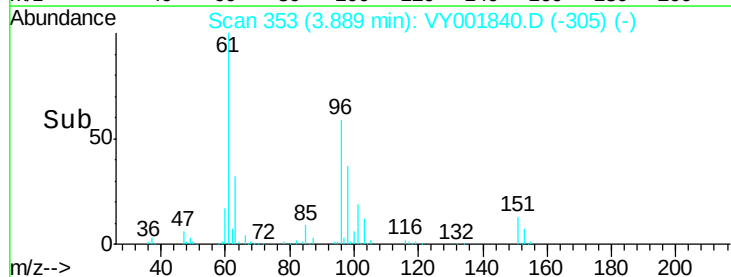
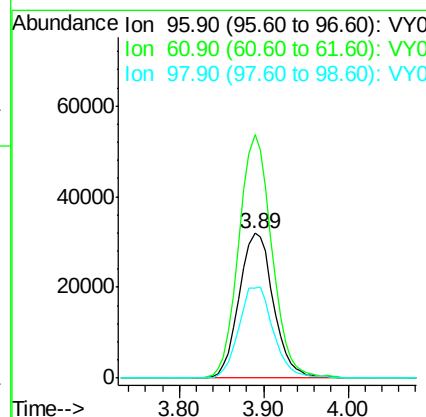
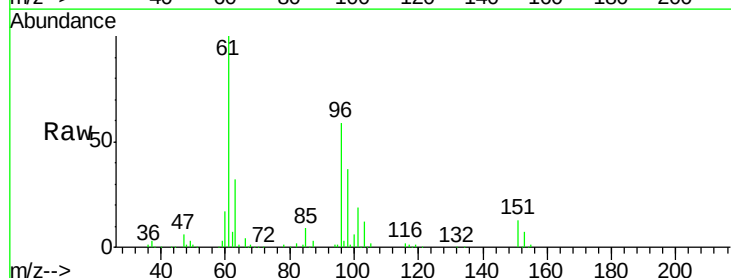
MMDadoda
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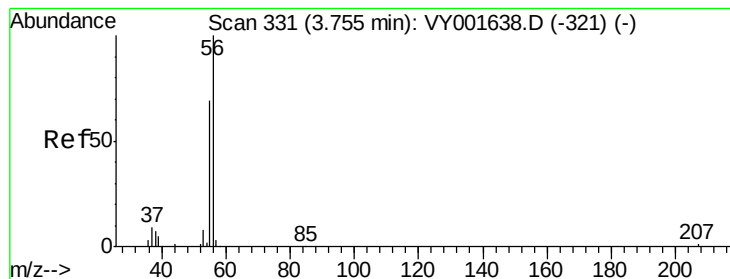


#12

1,1-Dichloroethene
 Concen: 50.889 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	88221		
61	168.3		128.7	193.1
98	62.1		50.7	76.1





#13

Acrolein

Concen: 257.191 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 44641

Ion Ratio Lower Upper

56 100

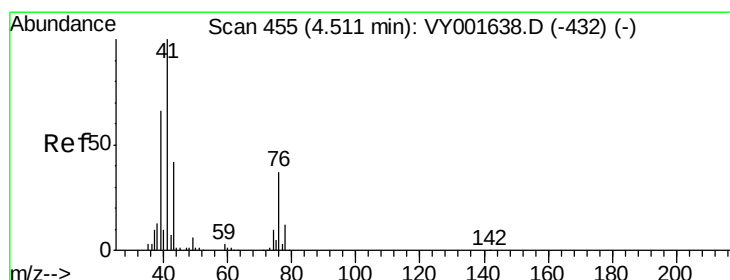
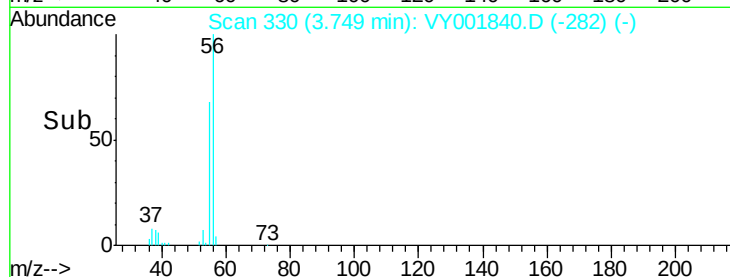
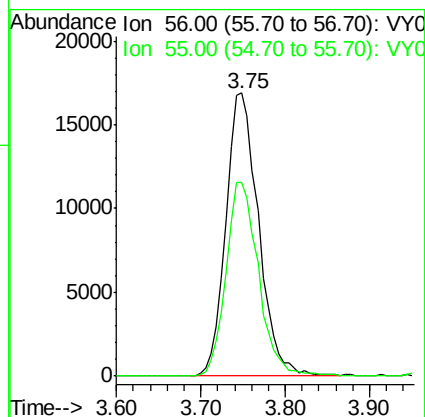
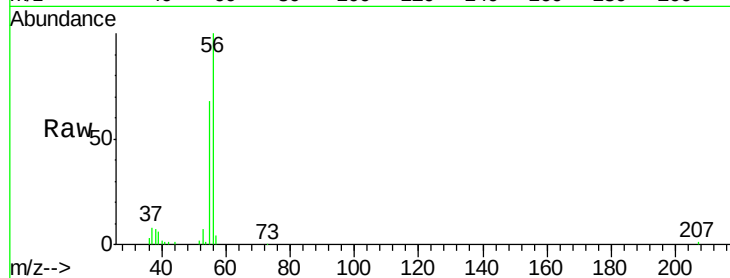
55 68.1 56.1 84.1

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 53.208 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

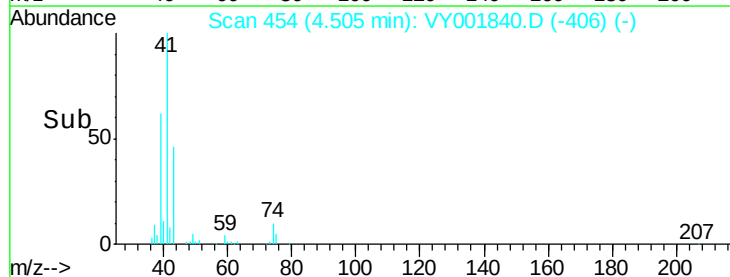
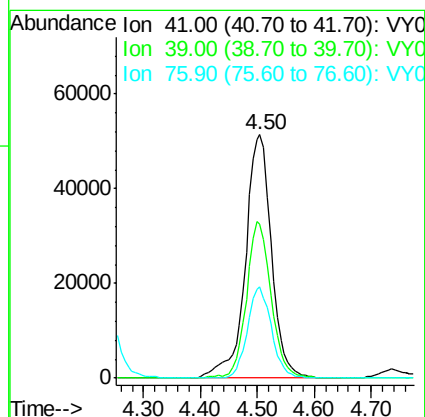
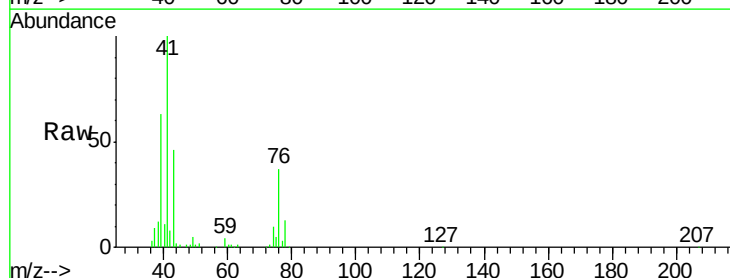
Tgt Ion: 41 Resp: 164163

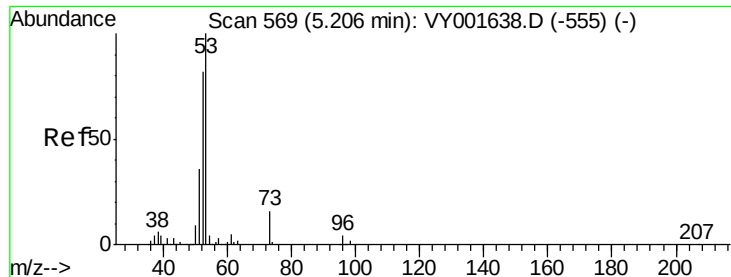
Ion Ratio Lower Upper

41 100

39 60.9 49.4 74.0

76 34.5 29.0 43.6





#15

Acrylonitrile

Concen: 289.704 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

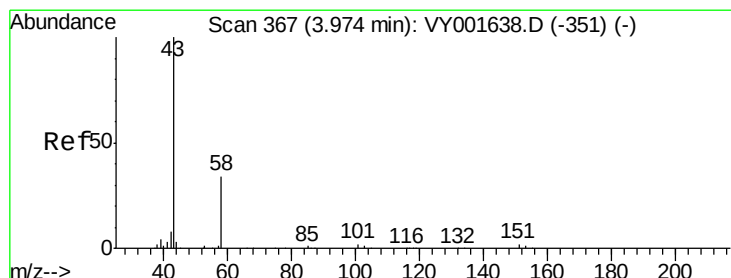
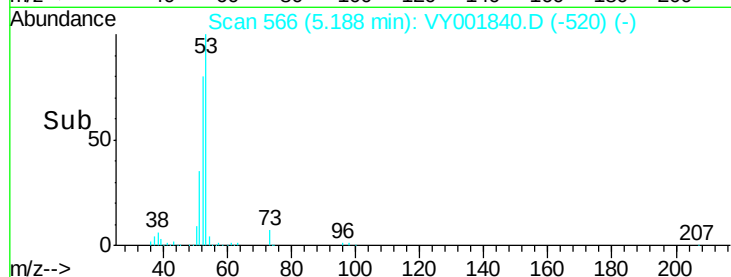
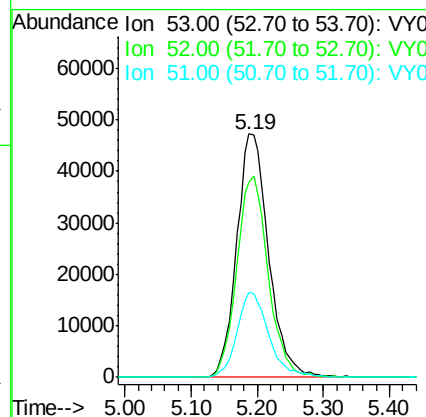
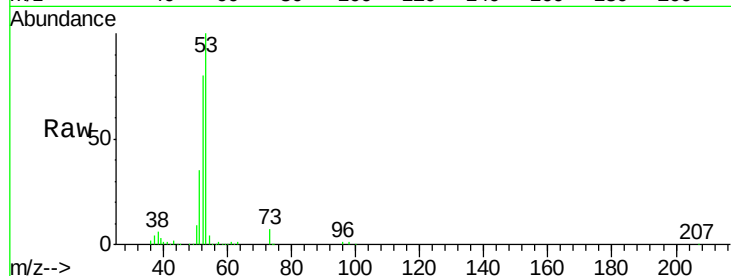
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	158304
Ion Ratio		Lower	Upper
53	100		
52	81.4	65.4	98.0
51	34.6	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 232.235 ug/l

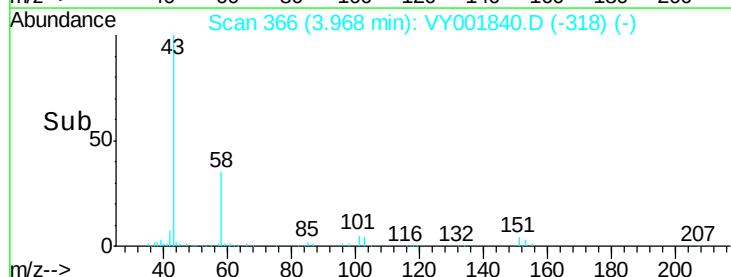
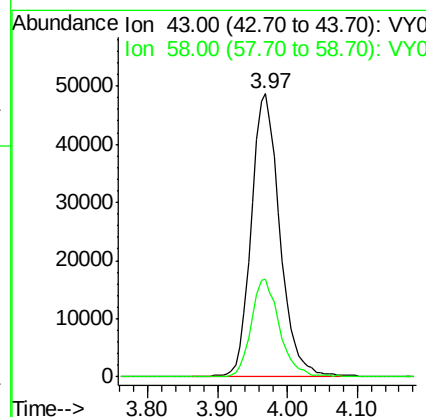
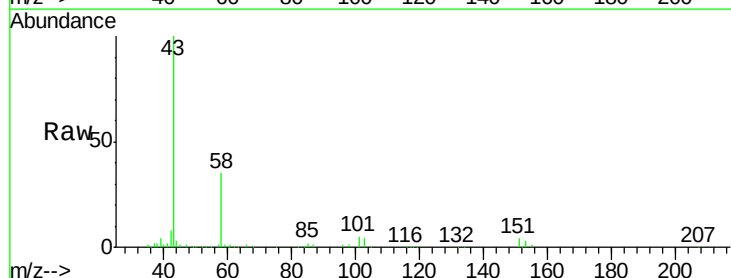
RT: 3.97 min Scan# 366

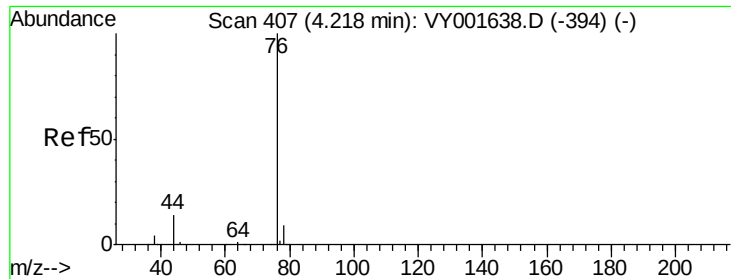
Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Tgt Ion:	43	Resp:	138101
Ion Ratio		Lower	Upper
43	100		
58	34.6	27.3	40.9





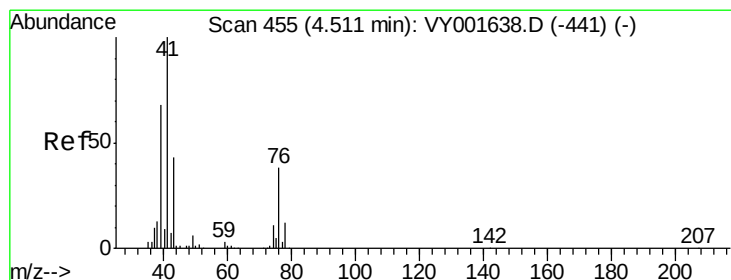
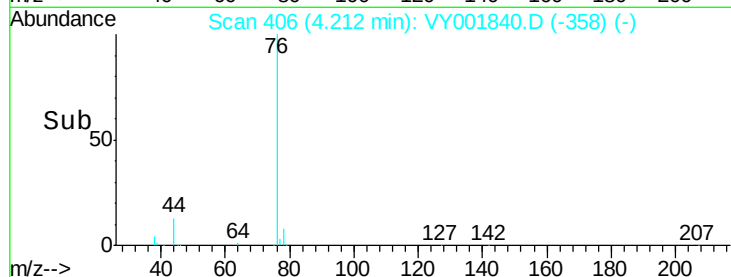
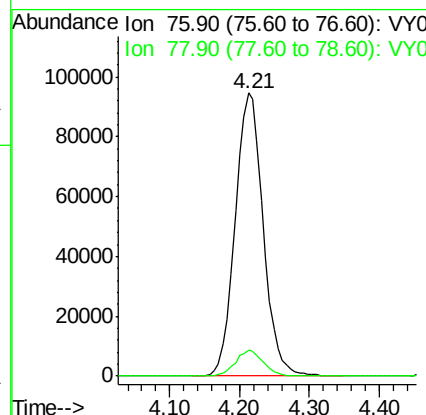
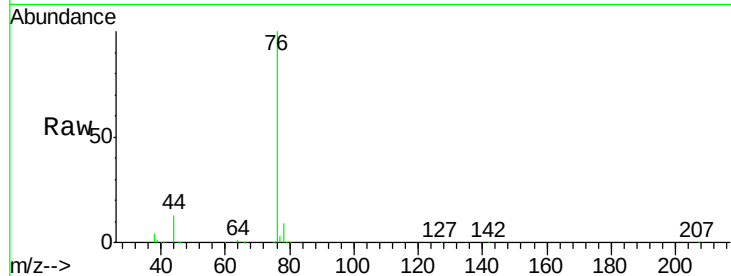
#17
Carbon Disulfide
Concen: 45.344 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

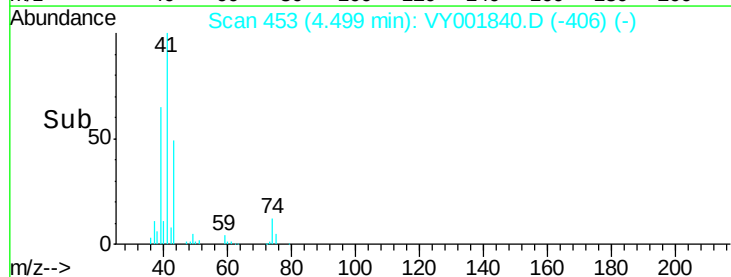
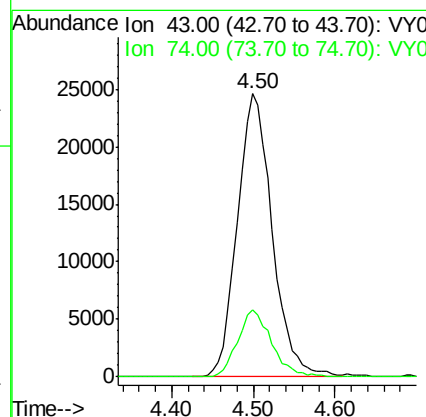
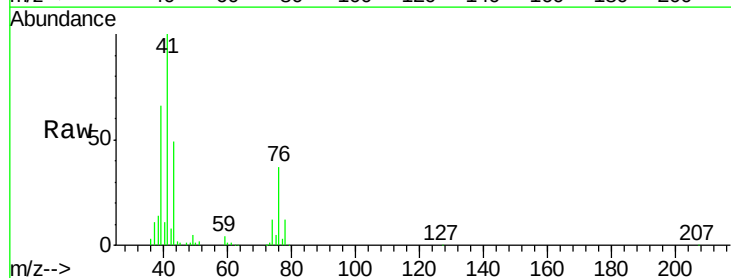
Manual Integrations
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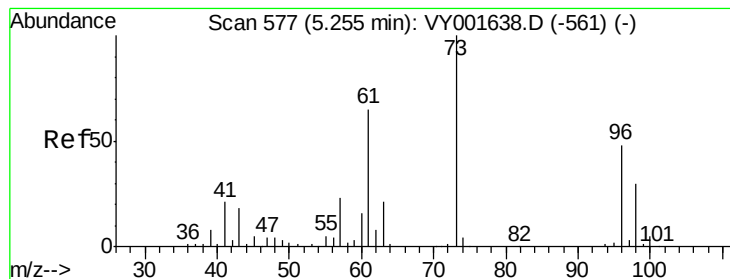
MMDadoda
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#18
Methyl Acetate
Concen: 56.203 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.1	28.7





#19

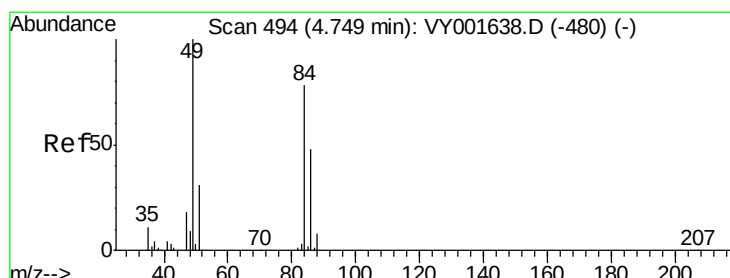
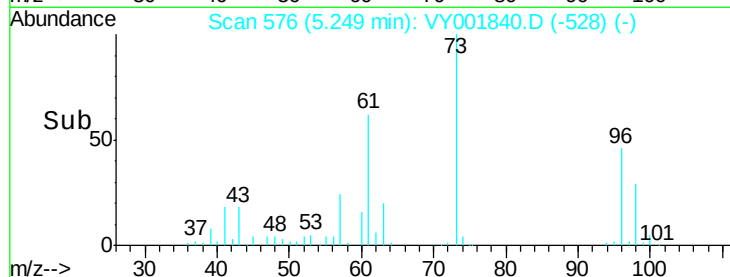
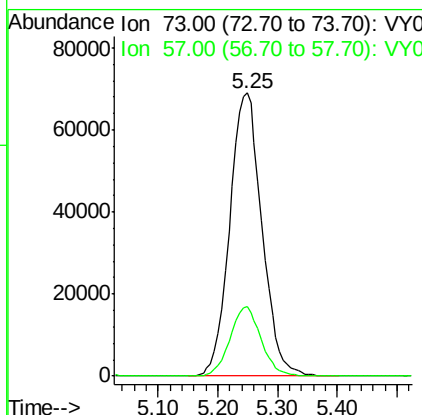
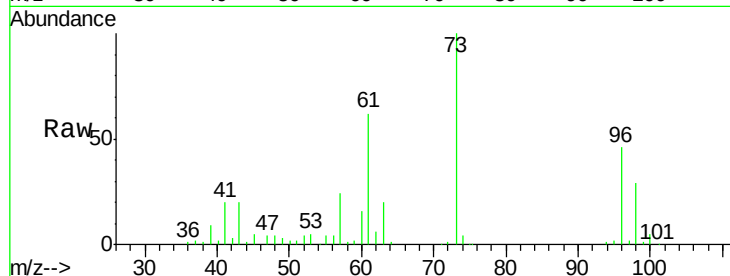
Methyl tert-butyl Ether
 Concen: 53.741 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.0	28.6

Manual Integrations
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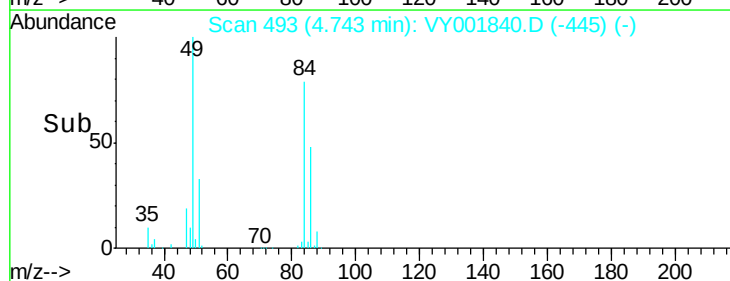
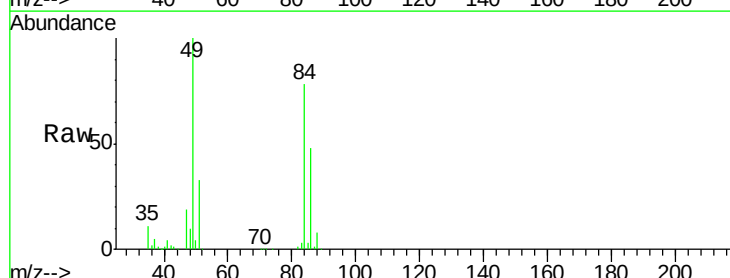
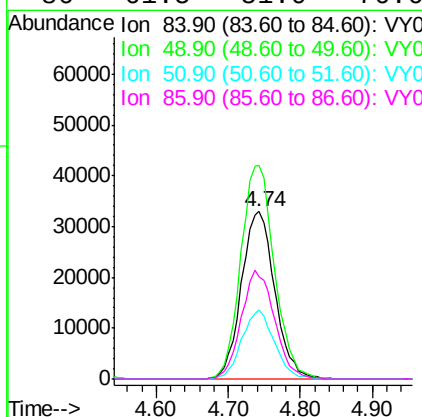
MMDadoda
 3/4/2020 2:02:14 PM

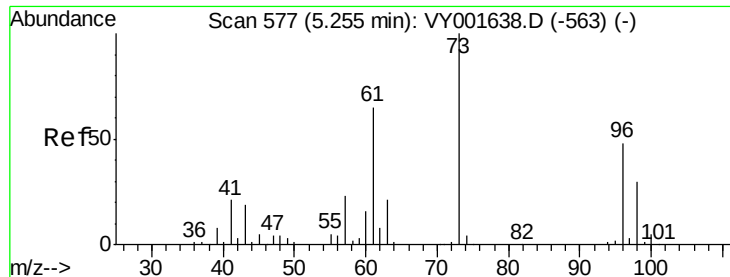


#20

Methylene Chloride
 Concen: 50.167 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.6	99.2	148.8
51	41.6	31.5	47.3
86	61.5	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 50.722 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

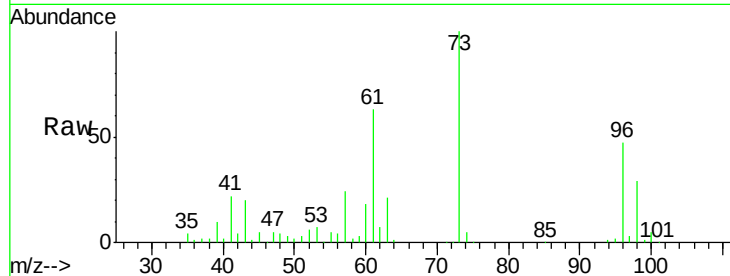
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	100323
Ion	Ratio	Lower	Upper
96	100		
61	135.5	107.9	161.9
98	62.1	49.8	74.8

Manual Integrations
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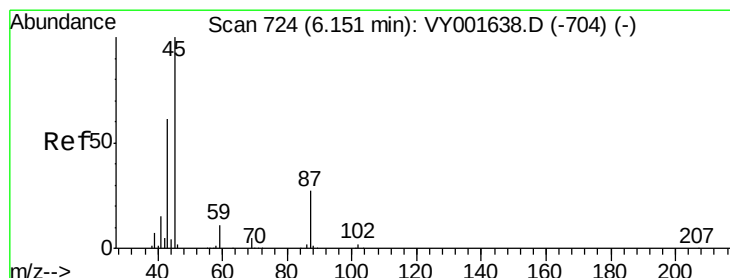
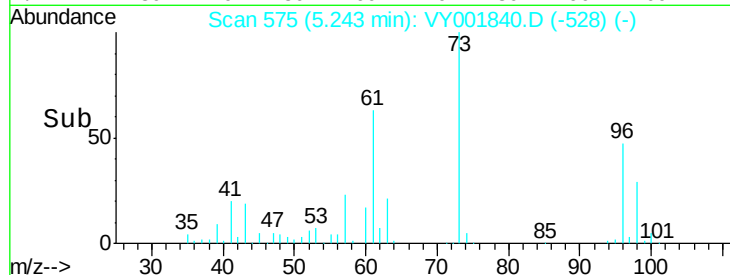
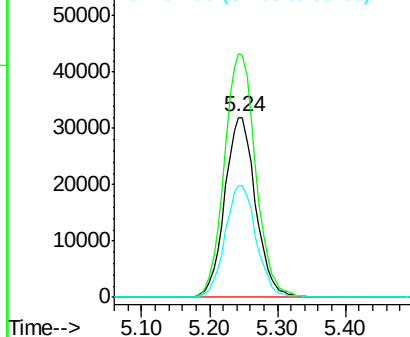


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 54.771 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Tgt Ion:	45	Resp:	347033
Ion	Ratio	Lower	Upper
45	100		
43	53.3	46.4	69.6
87	25.1	22.1	33.1
59	11.1	9.4	14.0

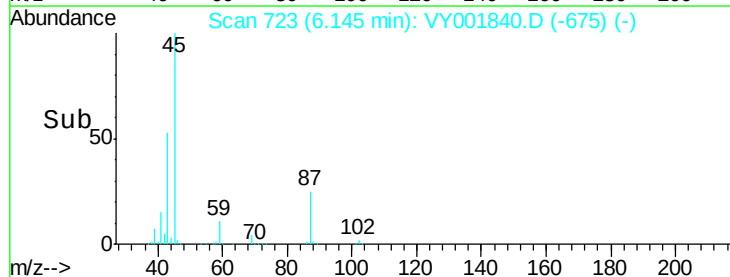
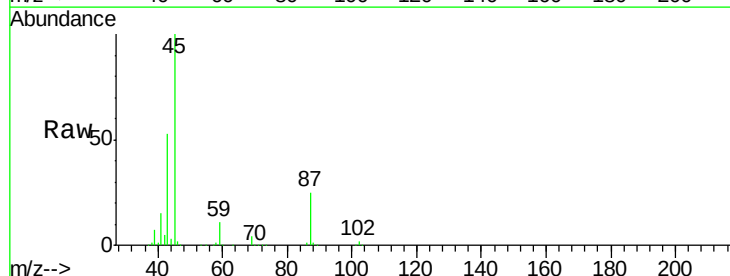
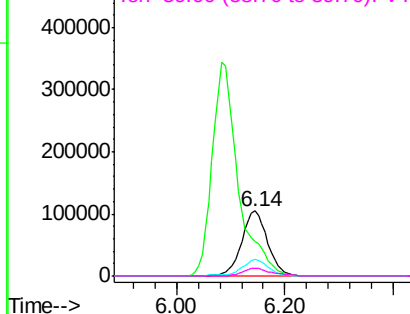
Abundance

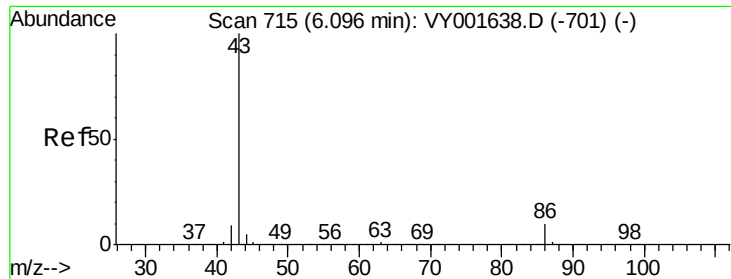
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 276.568 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1143033

Ion Ratio Lower Upper

43 100

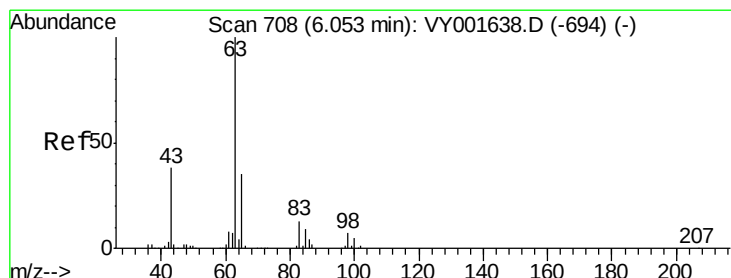
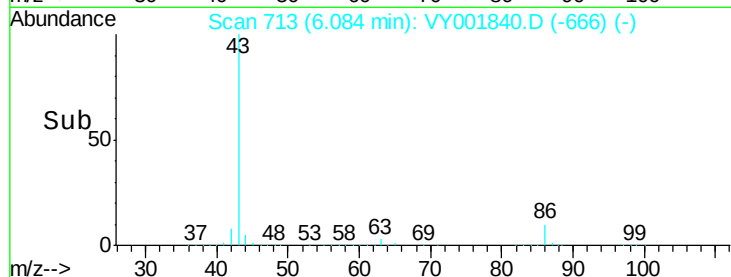
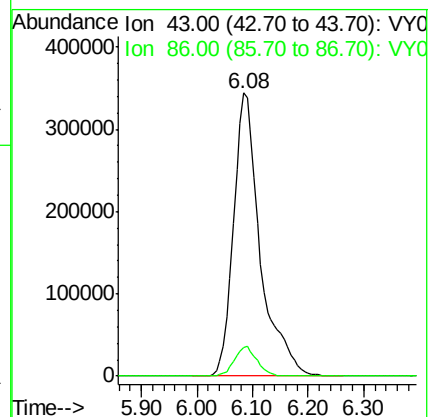
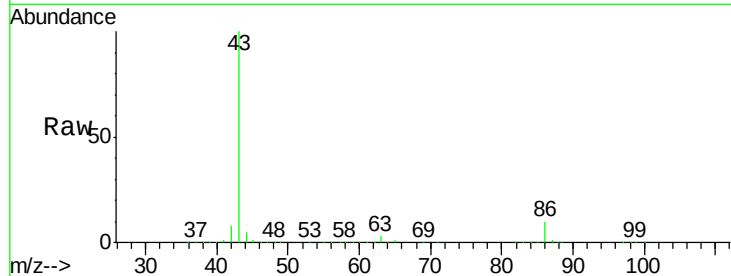
86 10.3 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.437 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

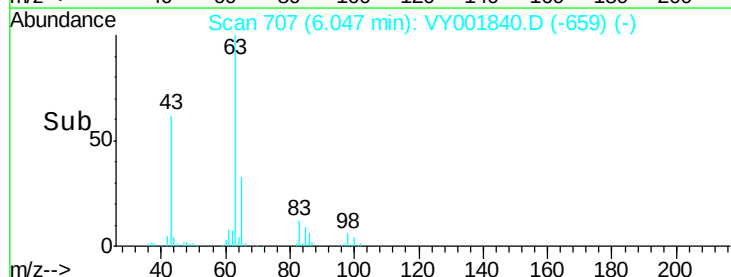
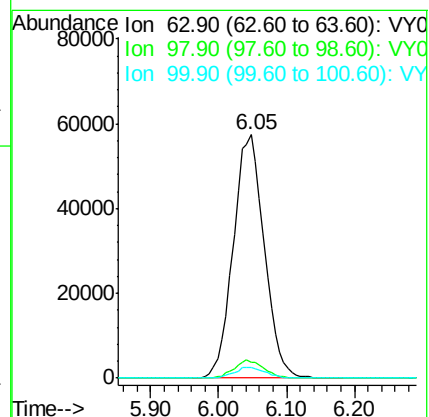
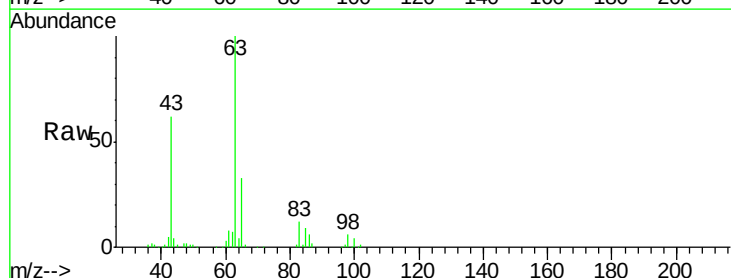
Tgt Ion: 63 Resp: 180961

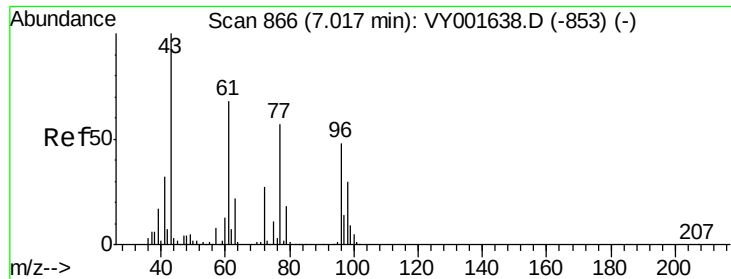
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.2 2.3 6.9





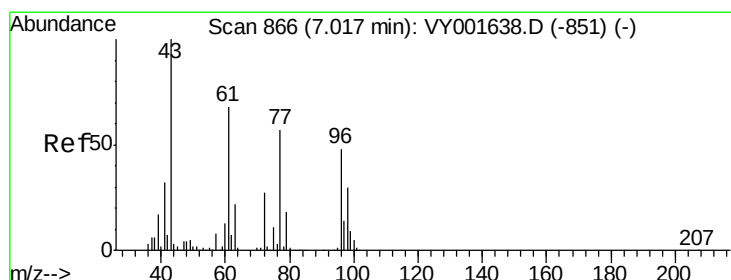
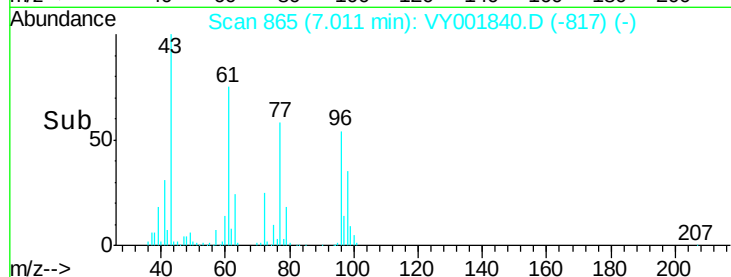
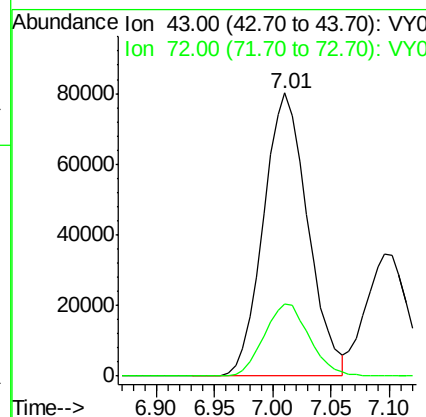
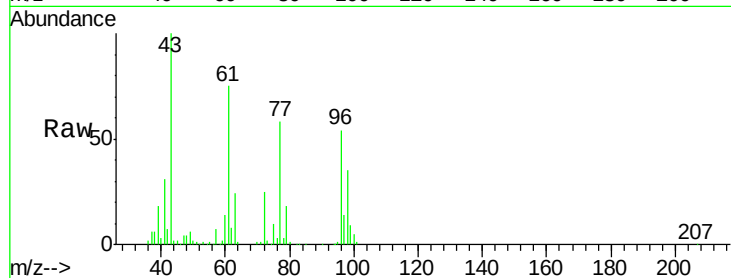
#25
2-Butanone
Concen: 262.188 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.3	21.2	31.8

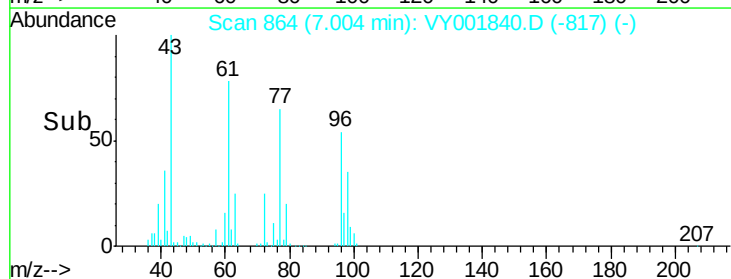
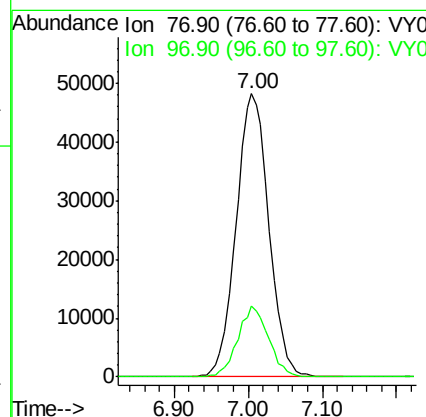
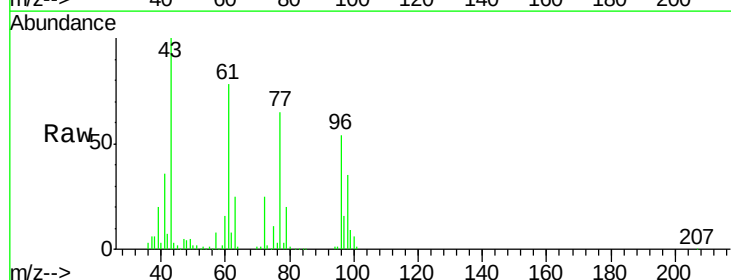
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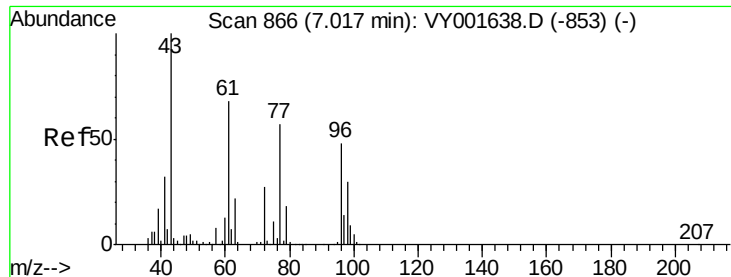
MMDadoda
3/4/2020 2:02:14 PM



#26
2,2-Dichloropropane
Concen: 50.167 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.6	11.8	35.4





#27

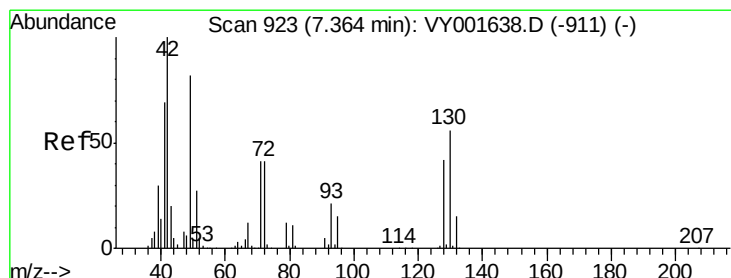
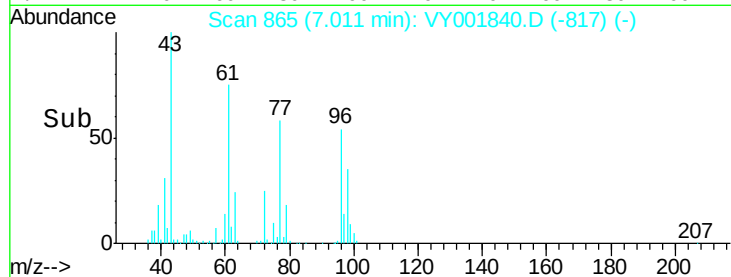
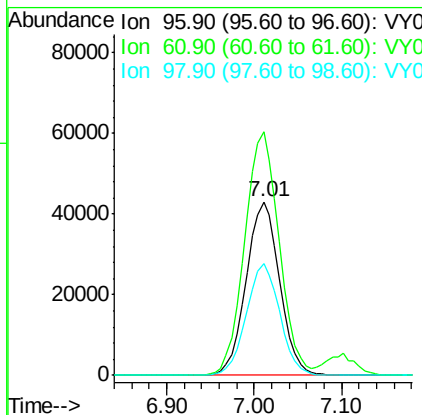
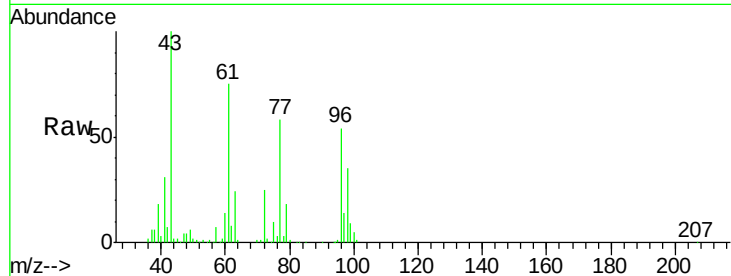
cis-1,2-Dichloroethene
Concen: 52.403 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	290.8
98	64.4	0.0	128.6

Manual Integrations
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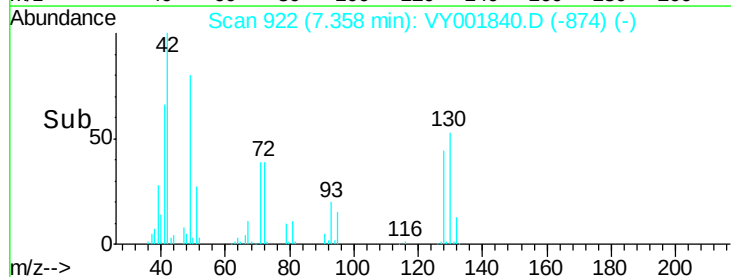
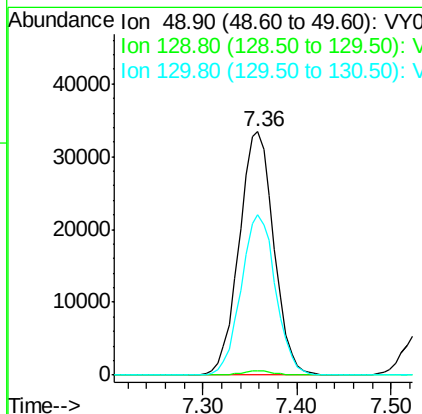
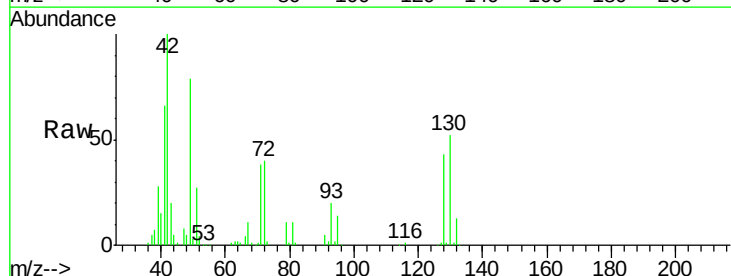
MMDadoda
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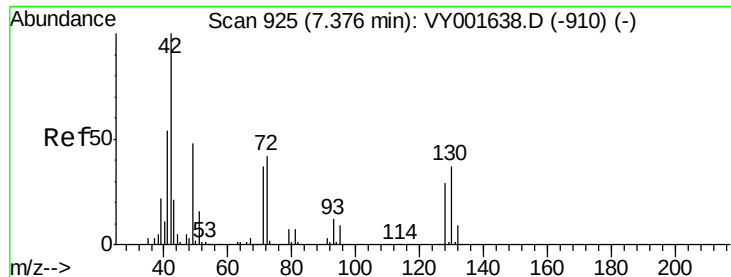


#28

Bromochloromethane
Concen: 60.838 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	65.9	56.2	84.4





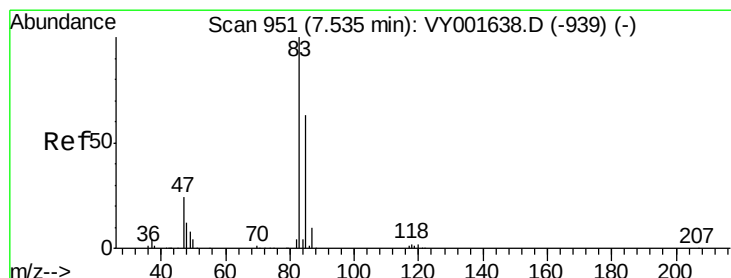
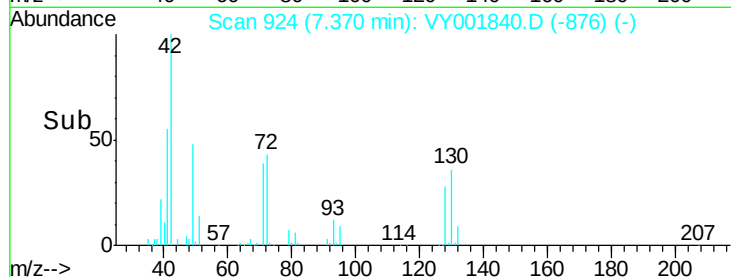
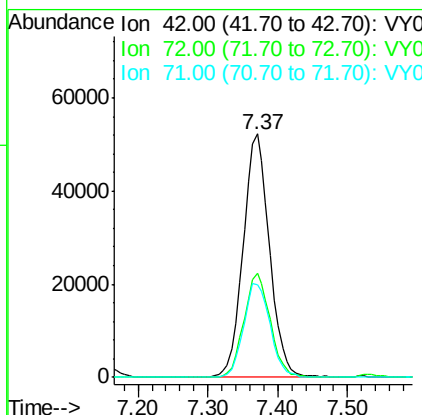
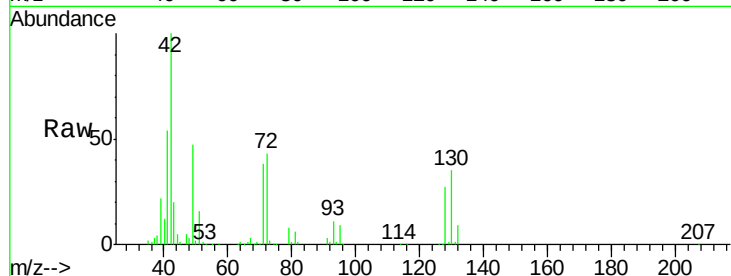
#29
Tetrahydrofuran
Concen: 279.744 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	136589
Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.4	51.6
71	38.7	31.8	47.8

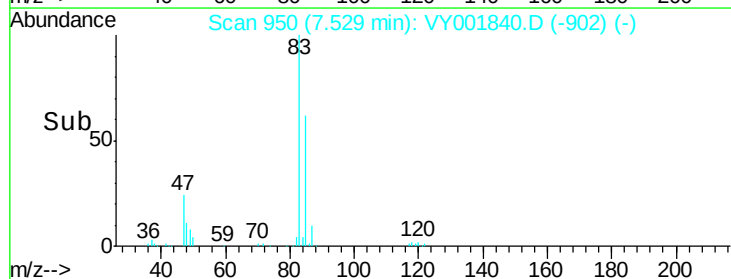
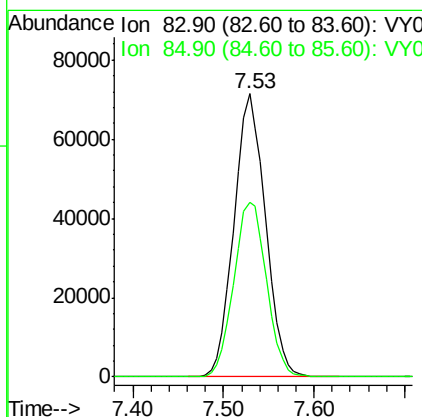
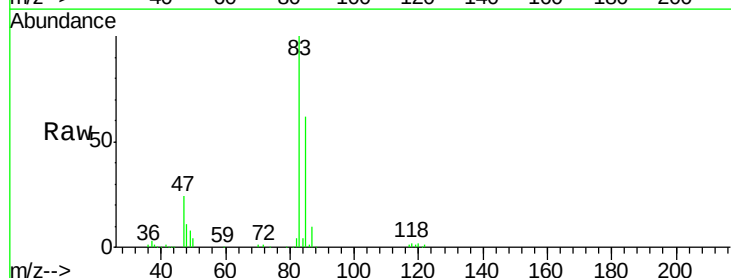
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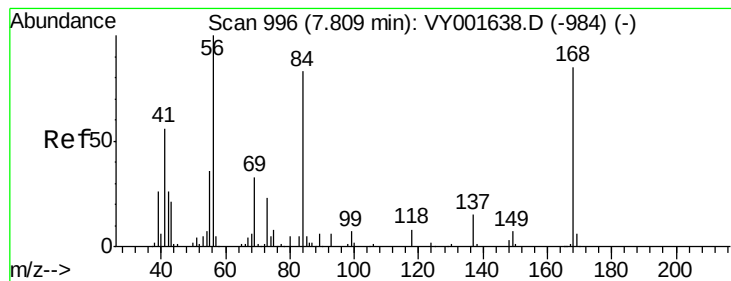
MMDadoda
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#30
Chloroform
Concen: 52.032 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion:	83	Resp:	172168
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.6	77.4





#31

Cyclohexane

Concen: 48.267 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 174273

Ion Ratio Lower Upper

56 100

69 32.1 25.1 37.7

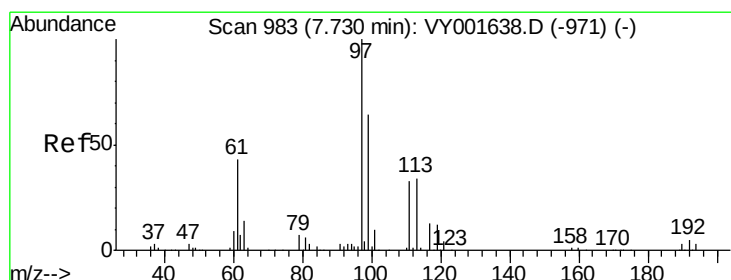
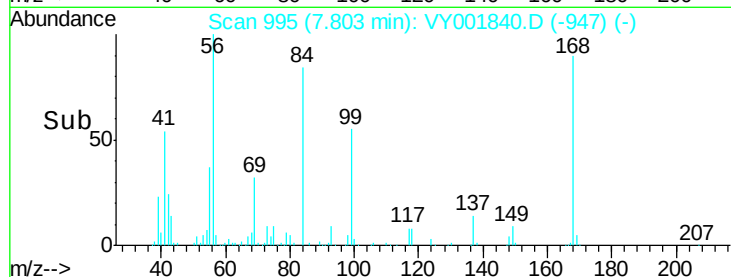
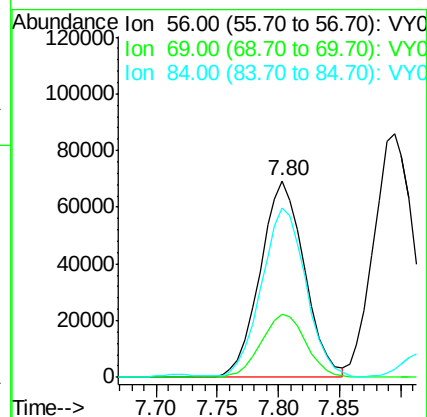
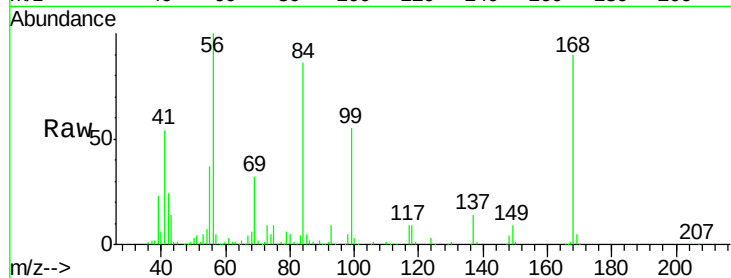
84 84.6 66.9 100.3

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 52.062 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

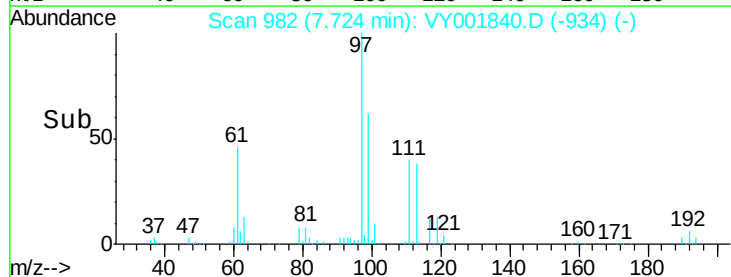
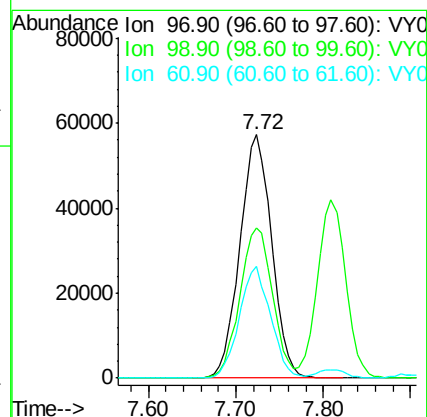
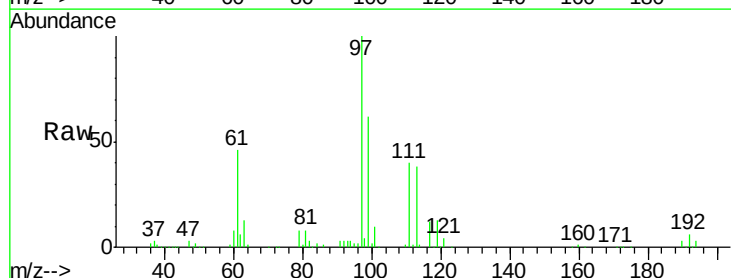
Tgt Ion: 97 Resp: 144786

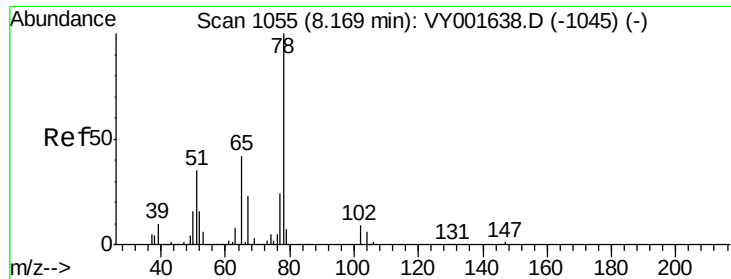
Ion Ratio Lower Upper

97 100

99 63.4 51.2 76.8

61 45.3 35.0 52.6





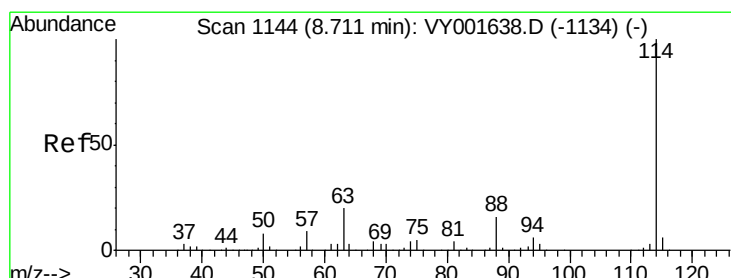
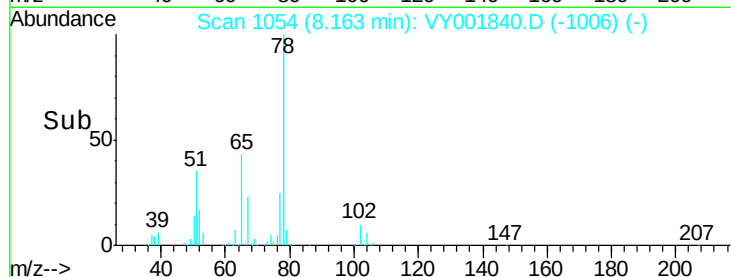
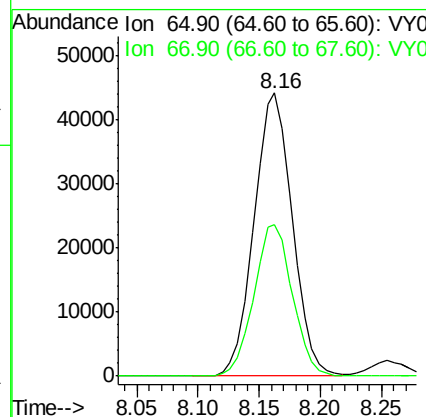
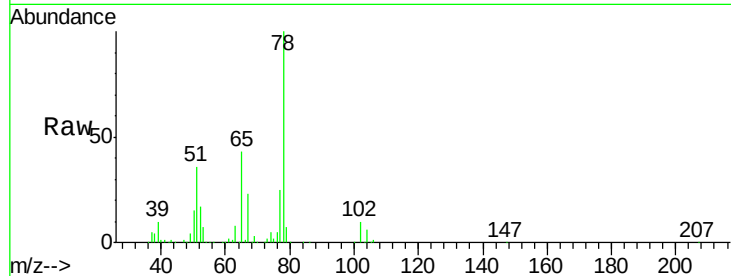
#33
 1,2-Dichloroethane-d4
 Concen: 55.906 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	111.0

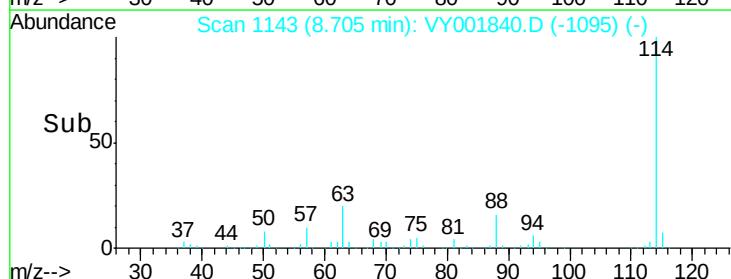
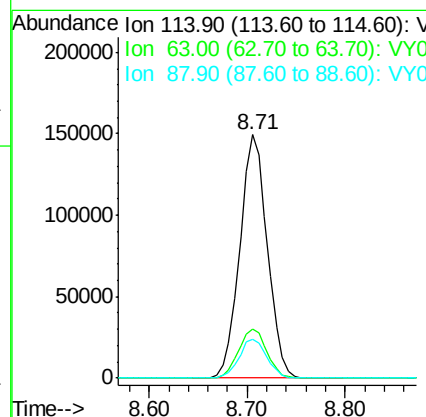
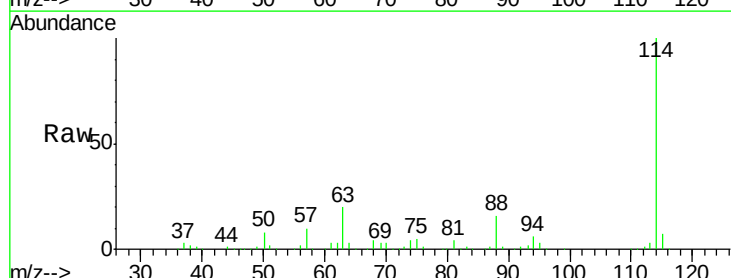
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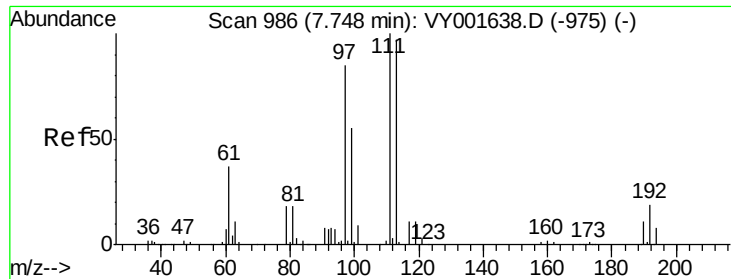
MMDadoda
 3/4/2020 2:02:14 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	15.9	0.0	32.8





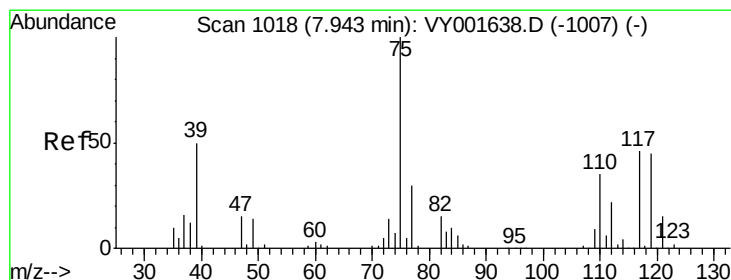
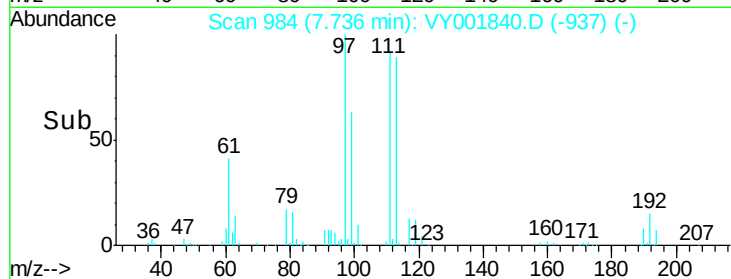
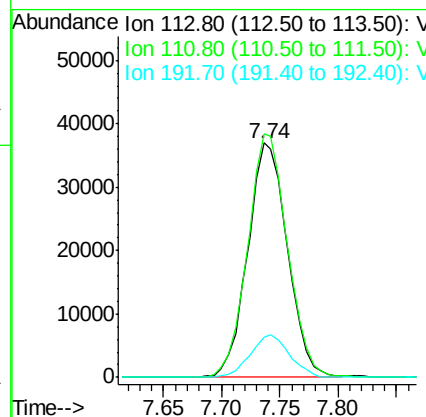
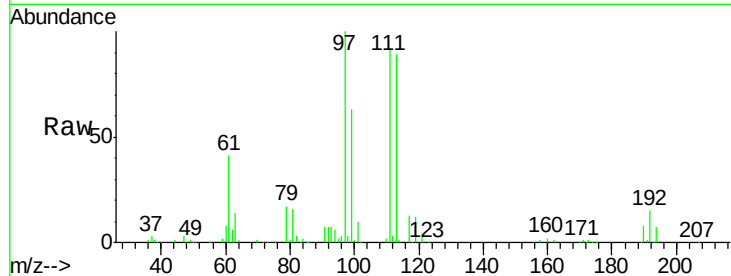
#35
Dibromofluoromethane
Concen: 52.741 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	87559		
111	104.3	81.9	122.9	
192	17.9	14.3	21.5	

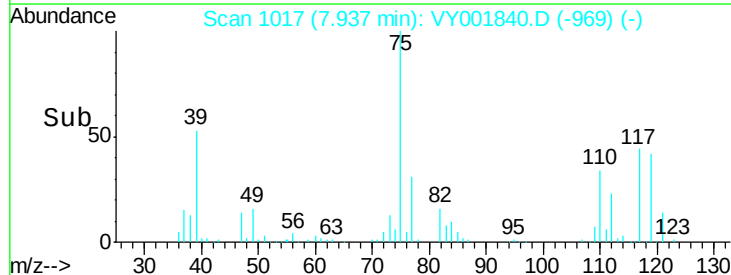
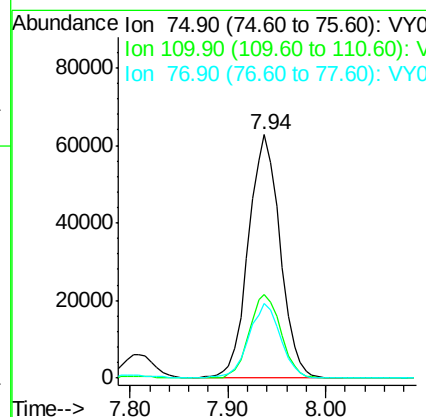
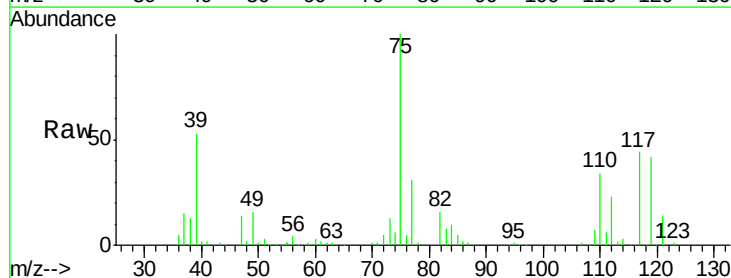
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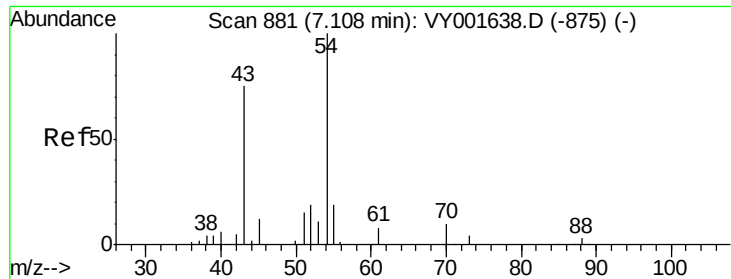
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#36
1,1-Dichloropropene
Concen: 50.929 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	141008		
110	34.4	17.2	51.6	
77	30.6	24.8	37.2	





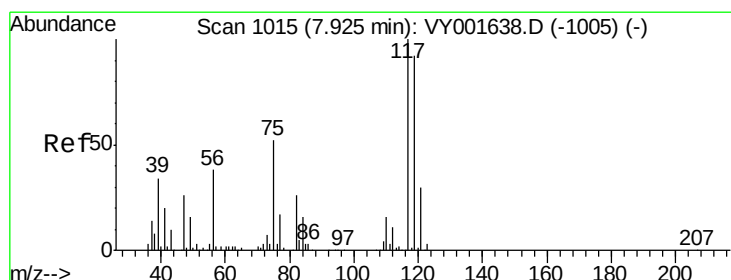
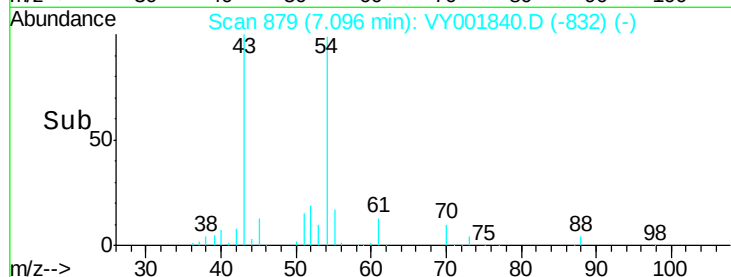
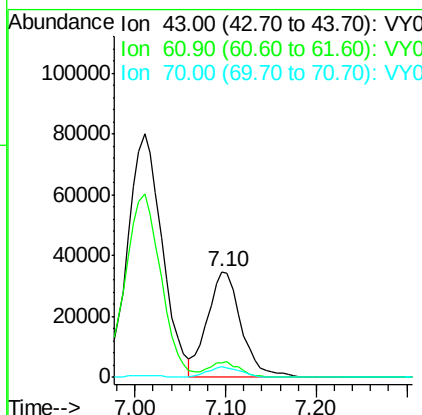
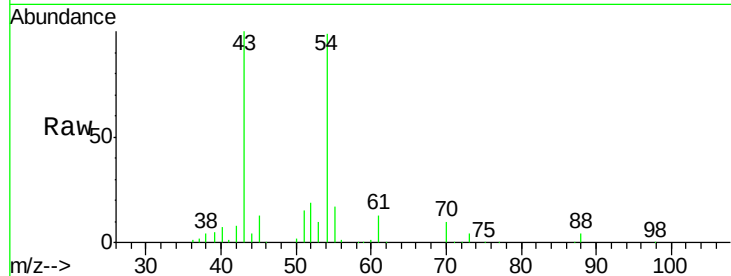
#37
Ethyl Acetate
Concen: 55.474 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.6
70	9.5	8.8	13.2

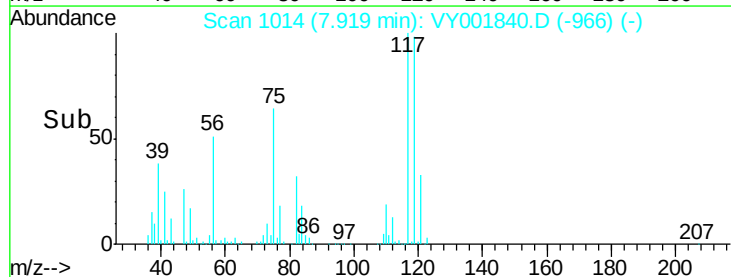
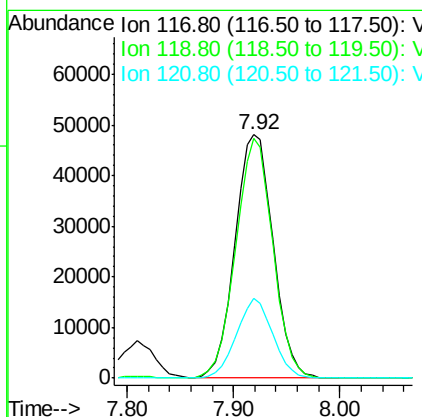
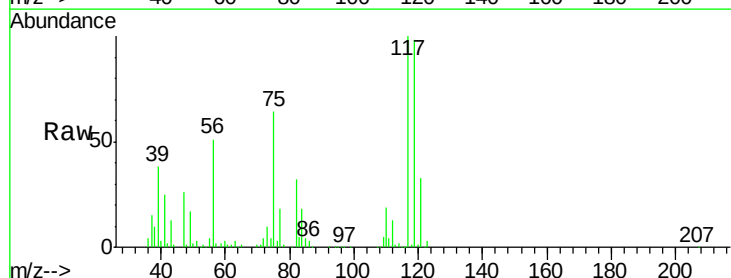
Manual Integrations
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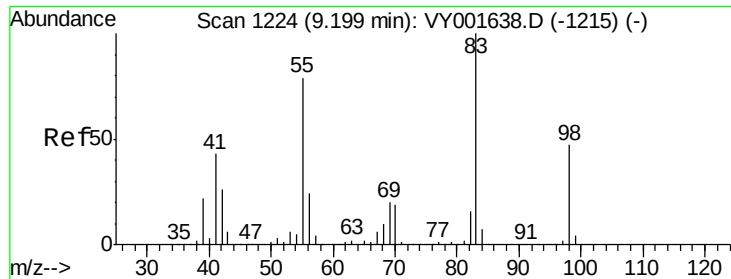
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#38
Carbon Tetrachloride
Concen: 49.711 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	74.8	112.2
121	33.0	23.8	35.6





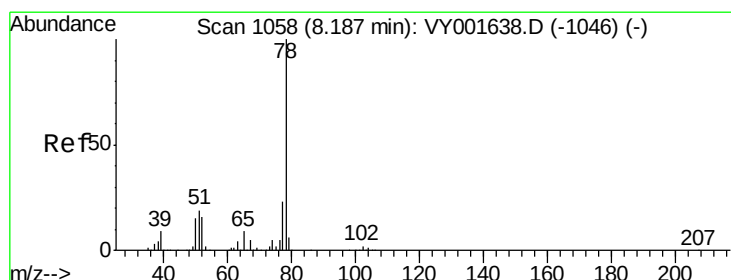
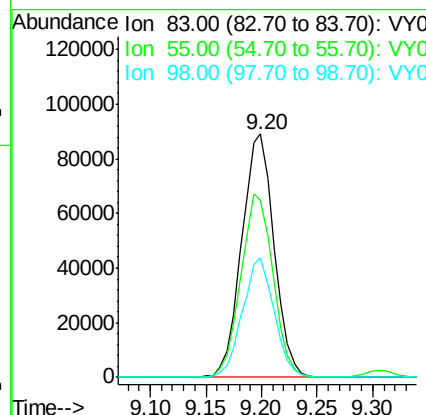
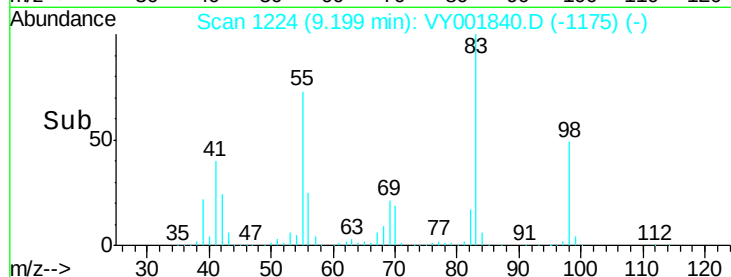
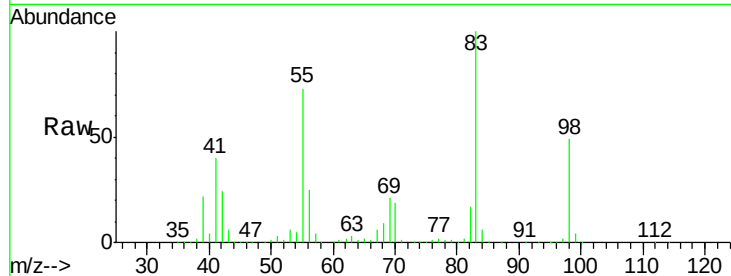
#39
Methylvlcyclohexane
Concen: 48.837 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	61.3	91.9
98	49.2	38.0	57.0

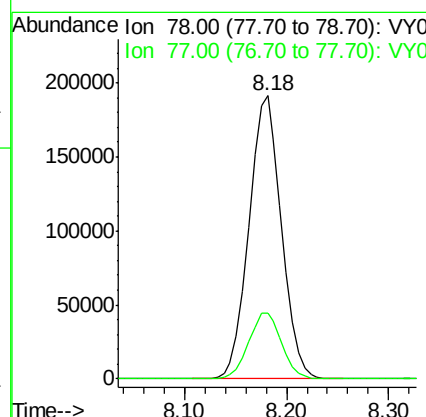
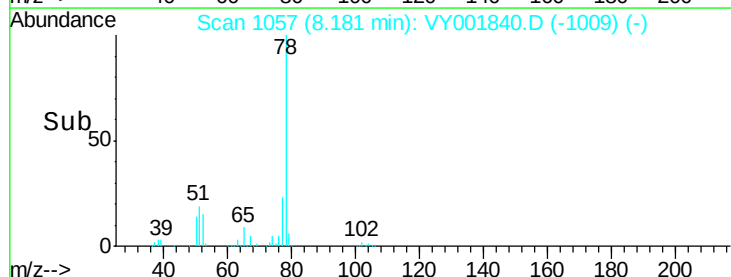
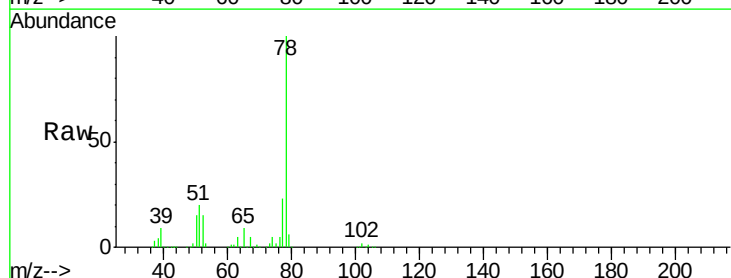
Manual Integrations
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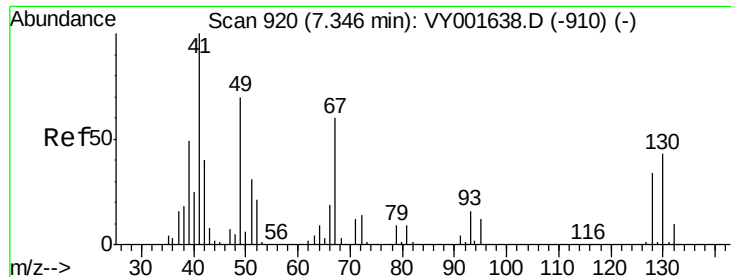
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#40
Benzene
Concen: 51.909 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.4





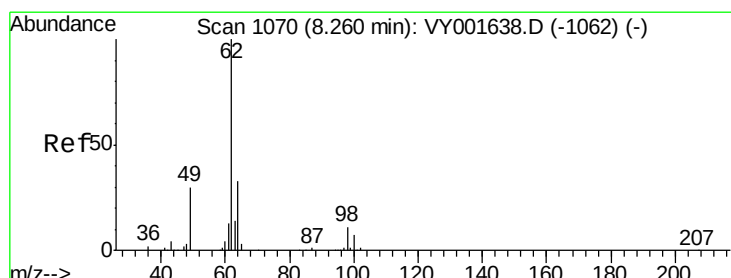
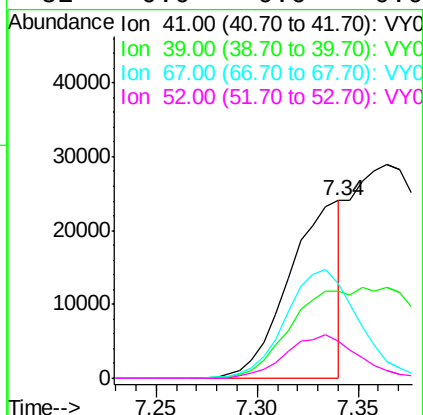
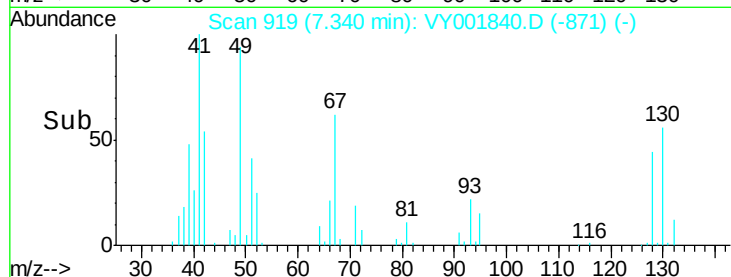
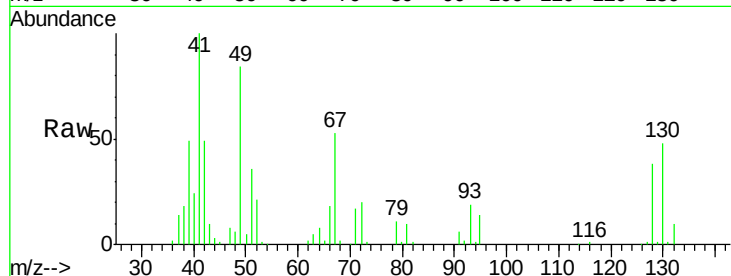
#41
Methacrylonitrile
Concen: 51.945 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	43101
Ion	Ratio	Lower	Upper
41	100		
39	126.8	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

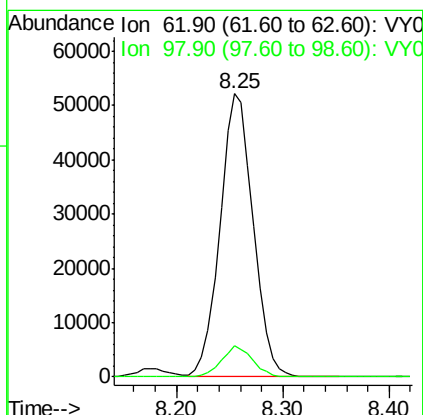
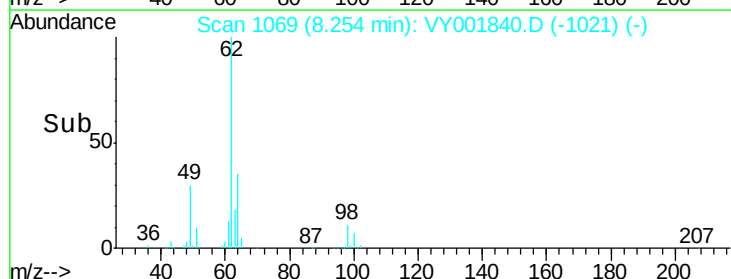
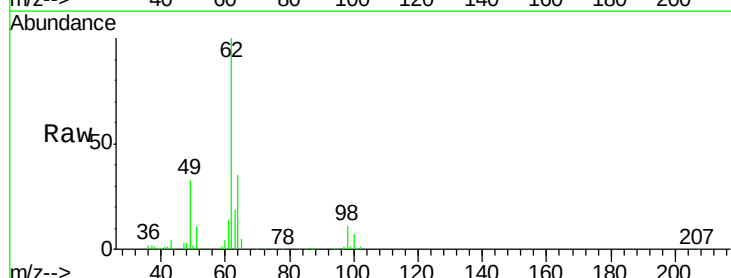
Manual Integrations
APPROVED

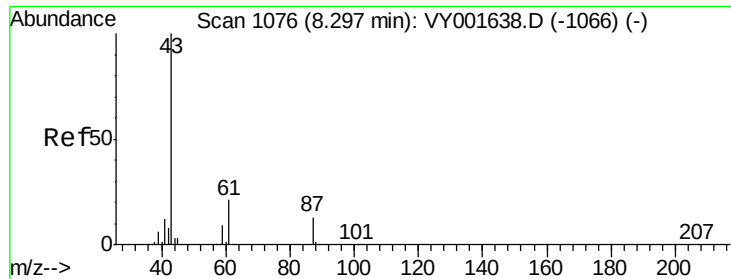
MMDadoda
3/4/2020 2:02:14 PM



#42
1,2-Dichloroethane
Concen: 50.982 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	62	Resp	113097
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8





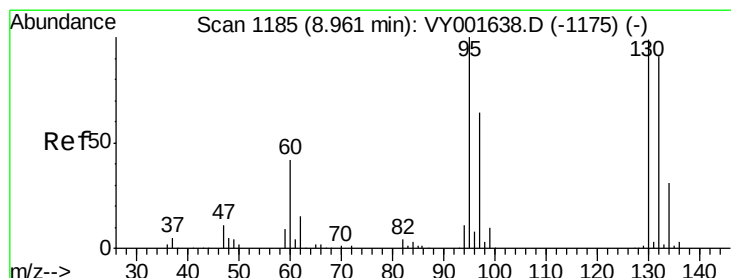
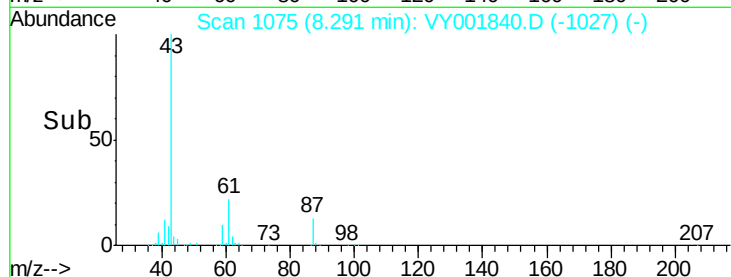
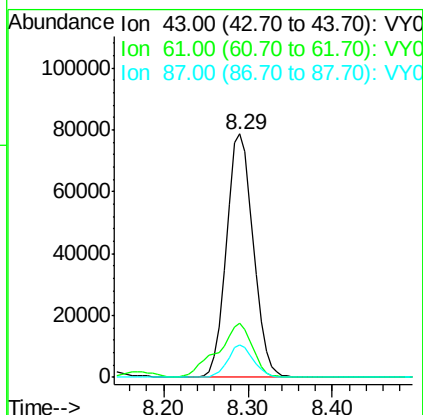
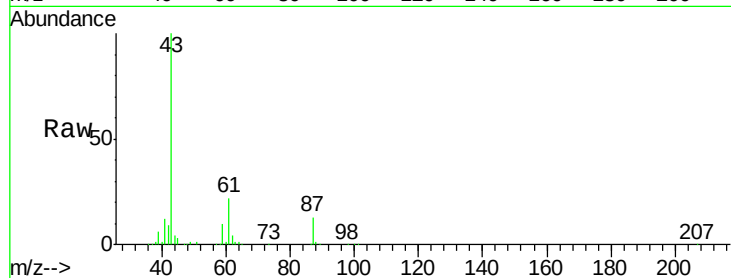
#43
Isopropyl Acetate
Concen: 54.422 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	170635
Ion Ratio	100	Lower	Upper
43	100		
61	28.7	23.0	34.4
87	12.6	10.7	16.1

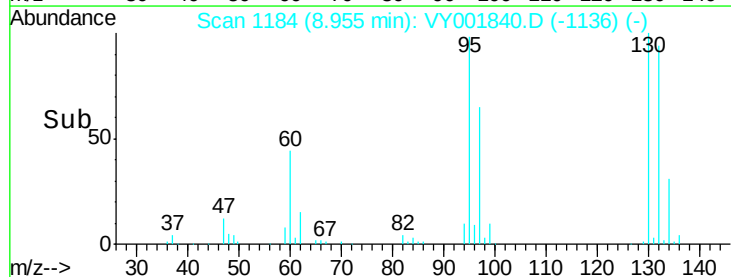
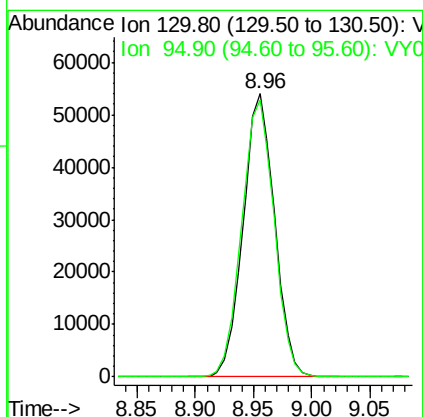
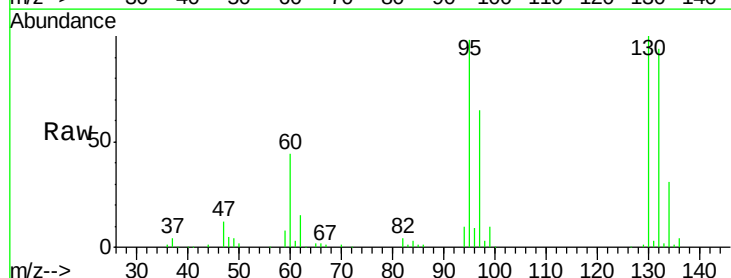
Manual Integrations
APPROVED

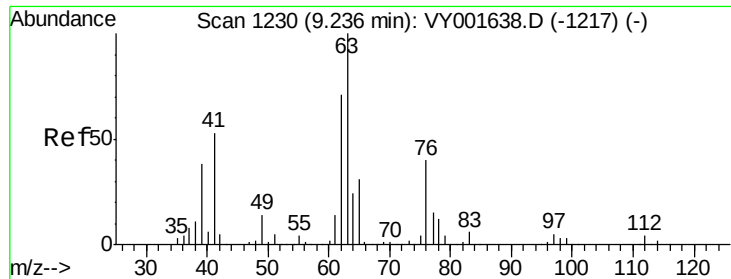
MMDadoda
3/4/2020 2:02:14 PM



#44
Trichloroethene
Concen: 50.180 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	130	Resp	102003
Ion Ratio	100	Lower	Upper
130	100		
95	97.7	0.0	200.6





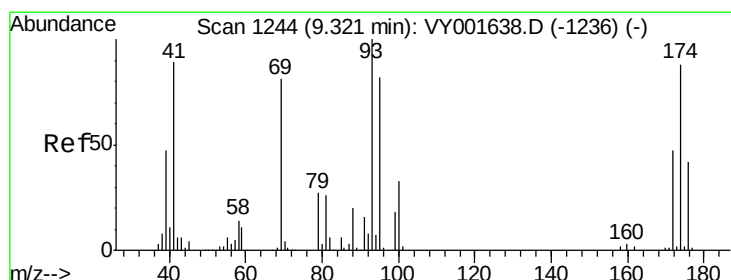
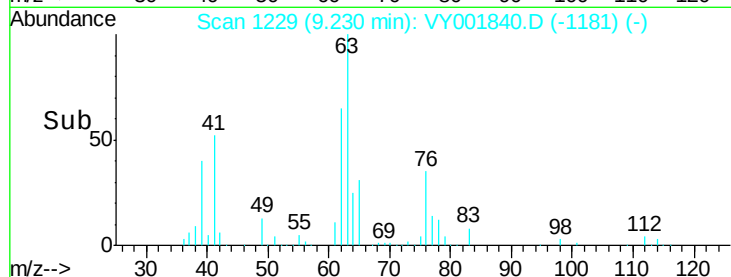
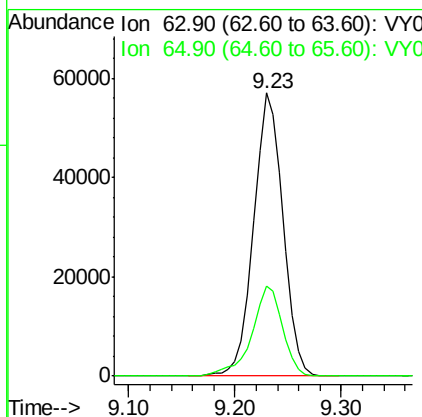
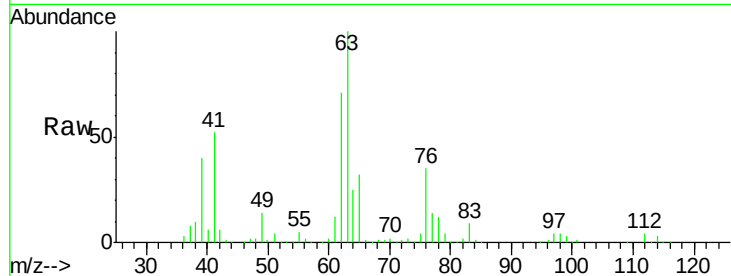
#45
 1,2-Dichloropropane
 Concen: 54.172 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 110473
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 37.0

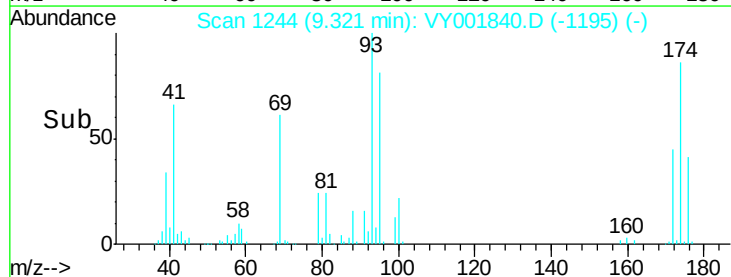
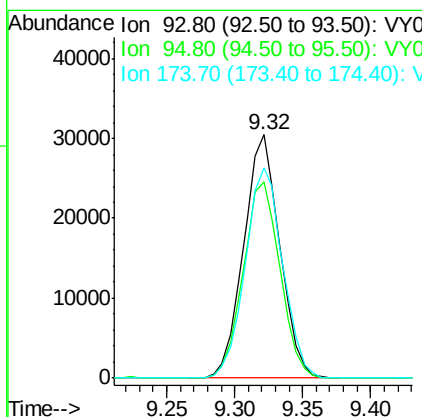
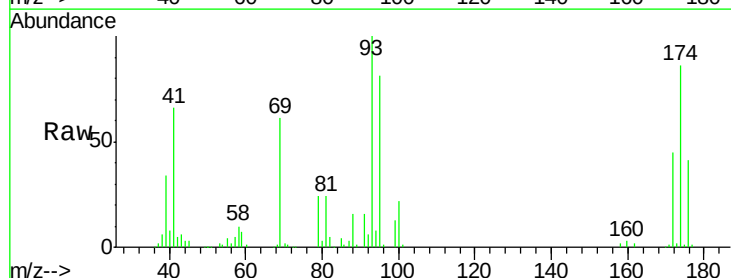
Manual Integrations
 APPROVED

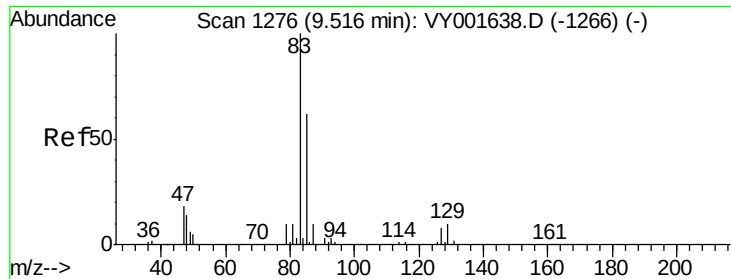
MMDadoda
 3/4/2020 2:02:14 PM



#46
 Dibromomethane
 Concen: 52.925 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 93 Resp: 56452
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.1 99.1
 174 89.8 72.5 108.7





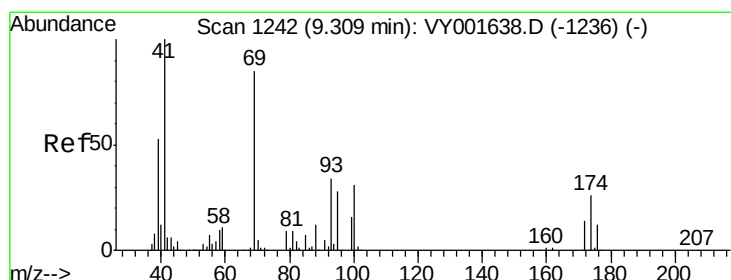
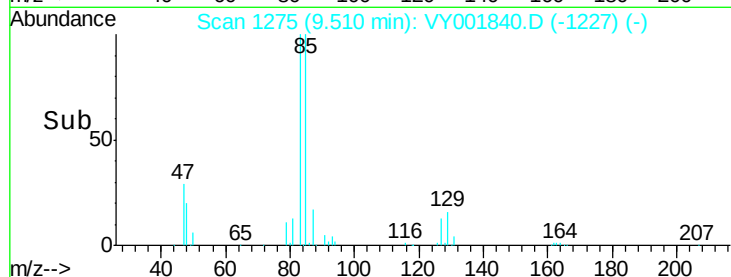
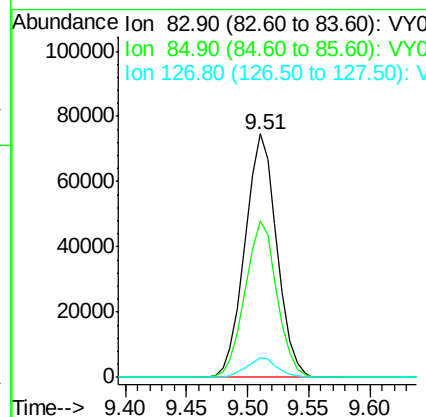
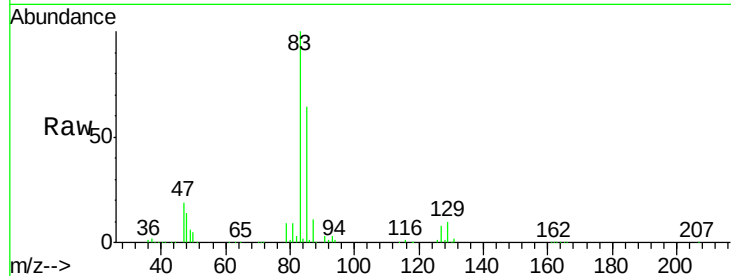
#47
Bromodichloromethane
Concen: 52.450 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0
127	8.3	6.4	9.6

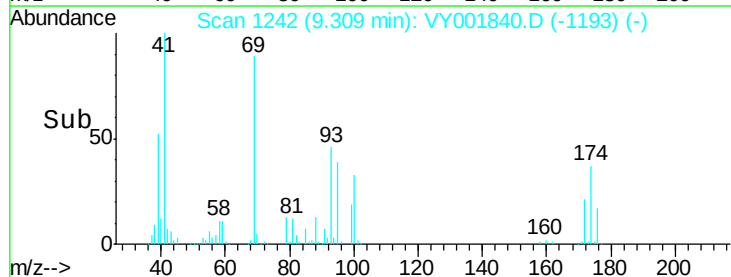
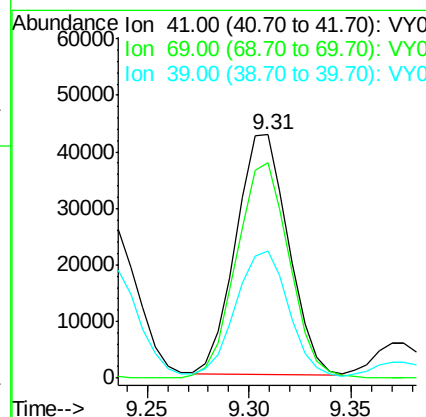
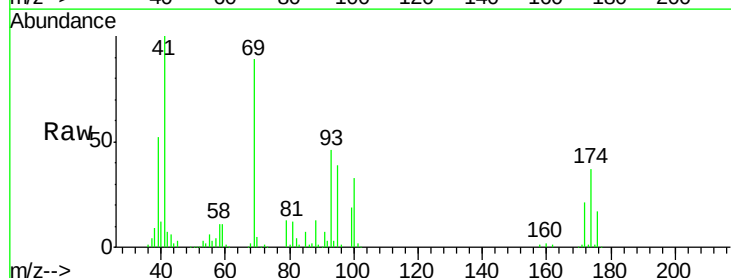
Manual Integrations
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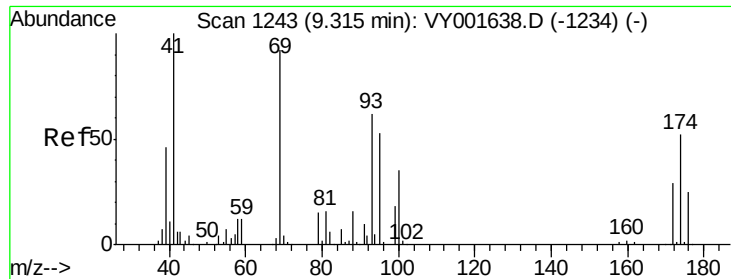
MMDadoda
3/4/2020 2:02:14 PM



#48
Methyl methacrylate
Concen: 53.533 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.4	70.7	106.1
39	54.3	42.2	63.2





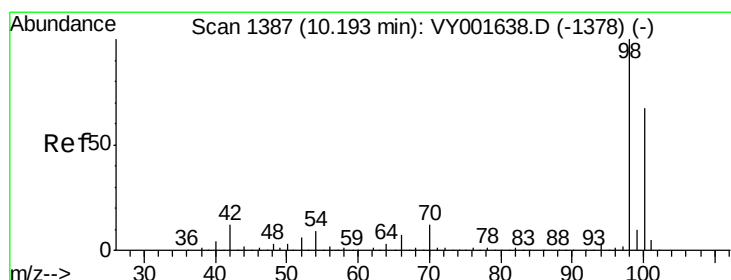
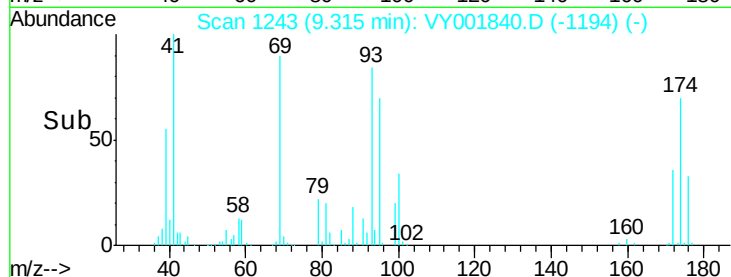
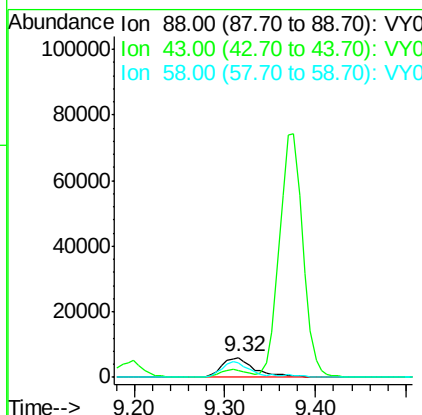
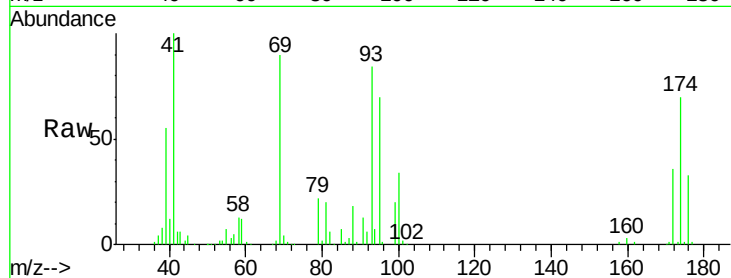
#49
1,4-Dioxane
Concen: 1048.115 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	15790
Ion	Ratio	Lower	Upper
88	100		
43	32.0	23.1	34.7
58	67.6	58.1	87.1

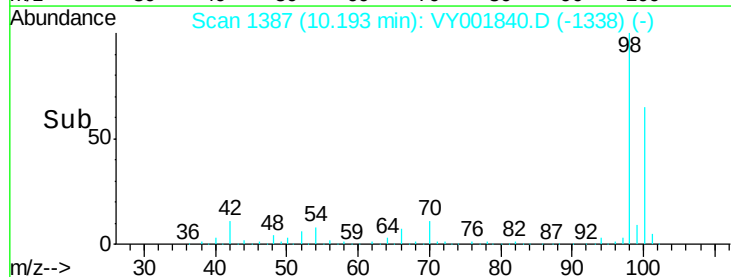
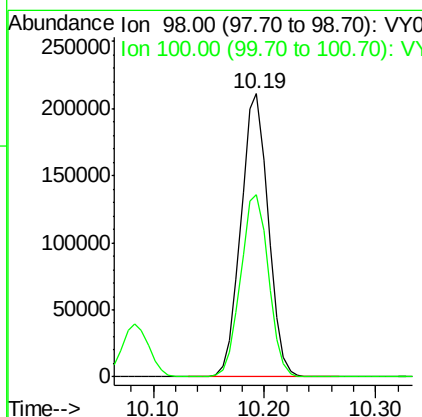
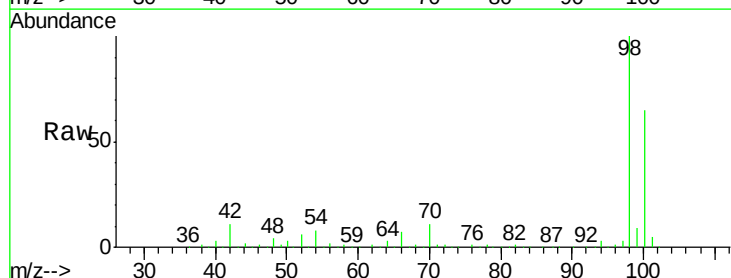
Manual Integrations
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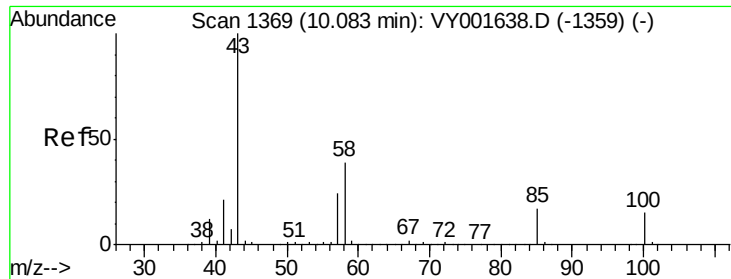
MMDadoda
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#50
Toluene-d8
Concen: 55.127 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	98	Resp	358547
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4





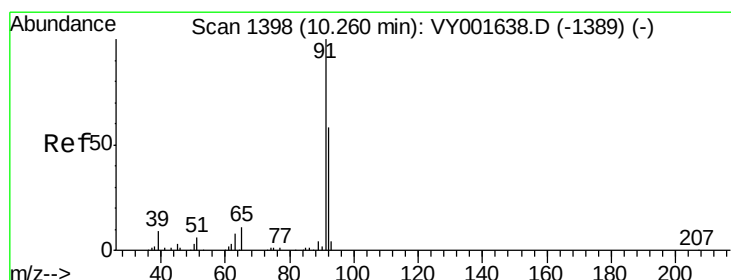
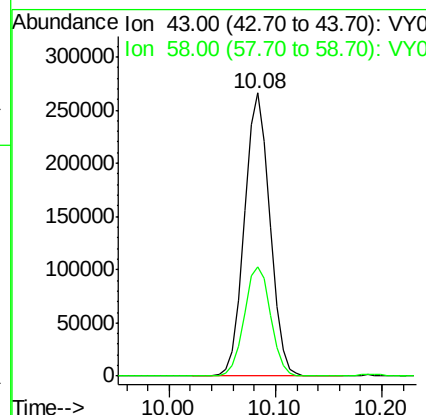
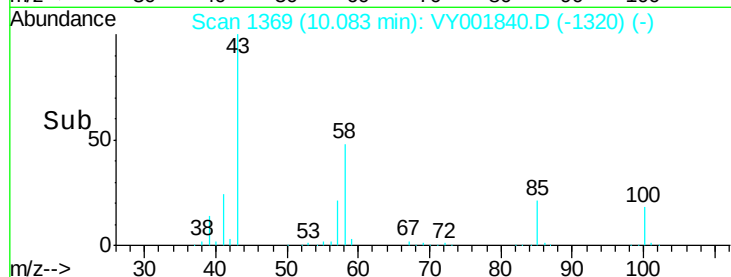
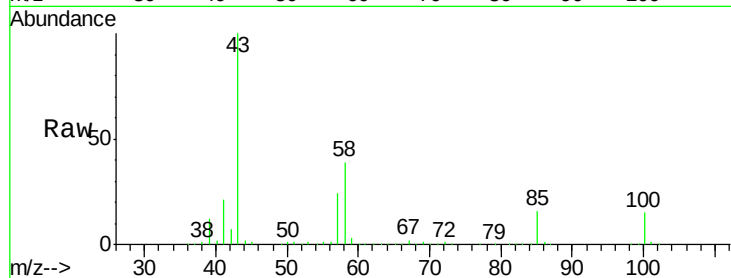
#51
4-Methyl-2-Pentanone
Concen: 277.872 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 447635
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.4

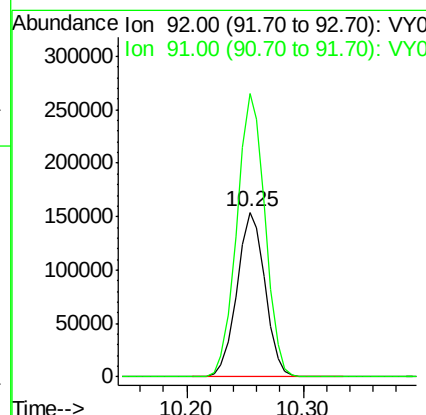
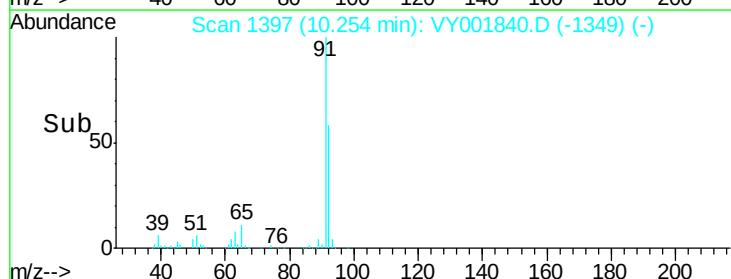
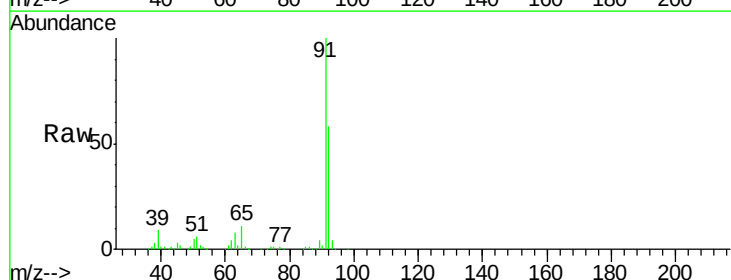
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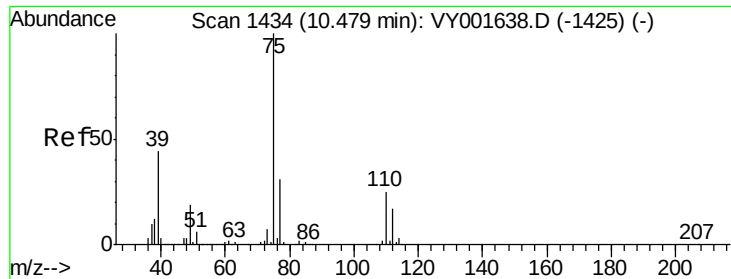
MMDadoda
3/4/2020 2:02:14 PM



#52
Toluene
Concen: 50.820 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 92 Resp: 258132
Ion Ratio Lower Upper
92 100
91 173.0 137.0 205.6





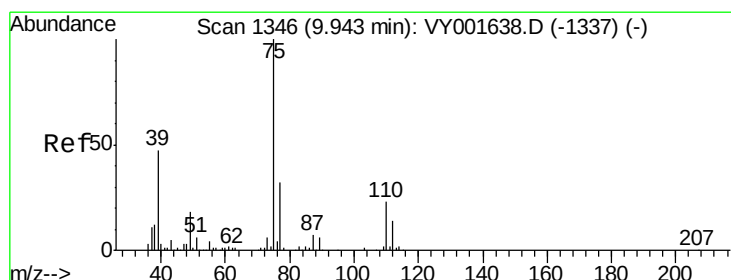
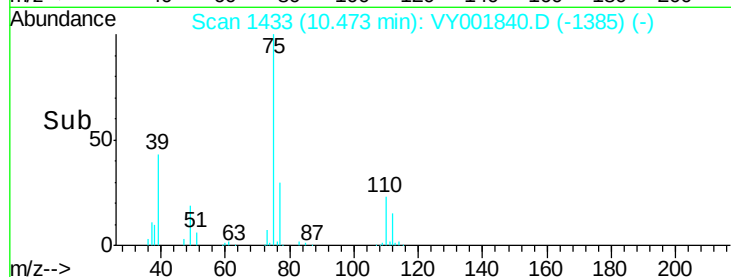
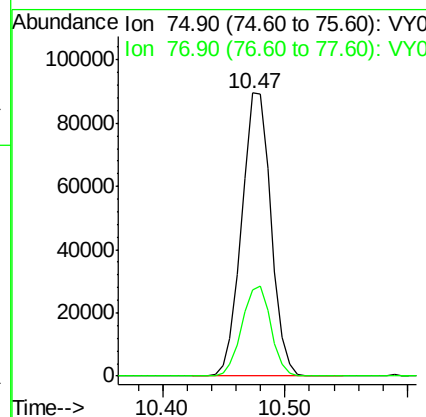
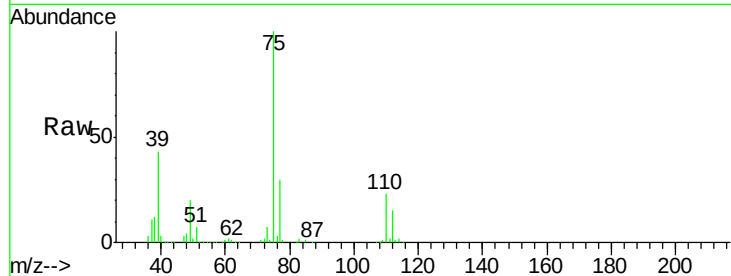
#53
t-1,3-Dichloropropene
Concen: 52.130 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.2	37.8

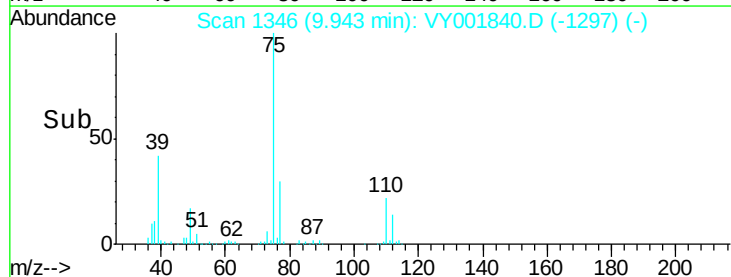
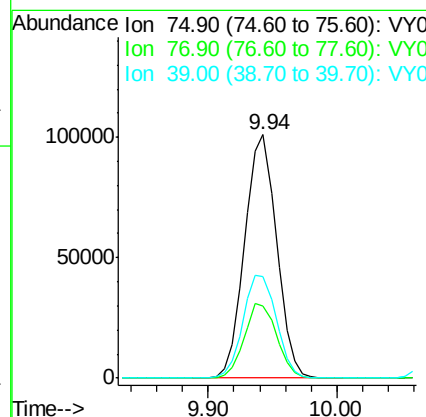
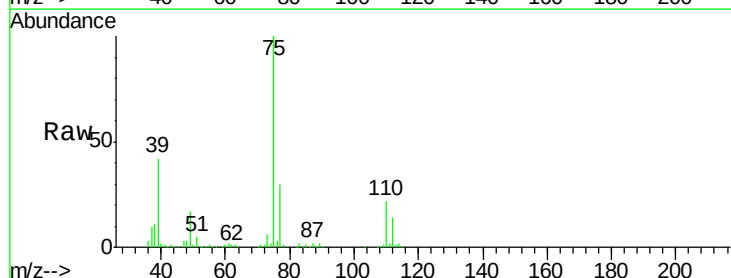
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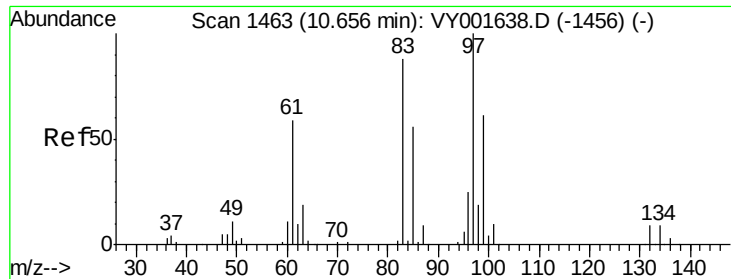
MMDadoda
3/4/2020 2:02:14 PM



#54
cis-1,3-Dichloropropene
Concen: 52.768 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.7	38.5
39	41.8	35.7	53.5





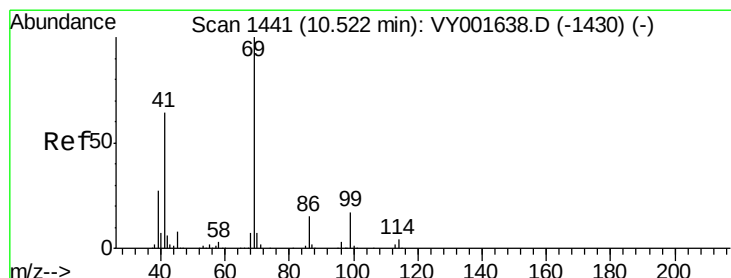
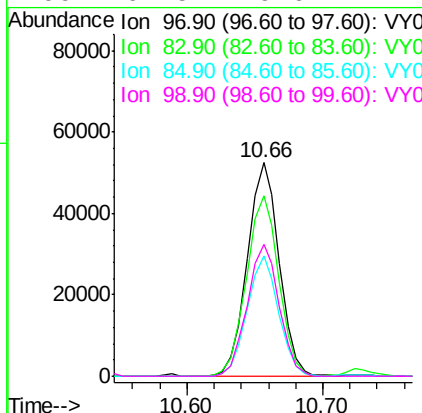
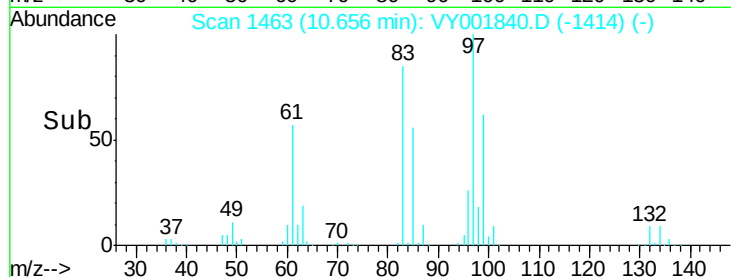
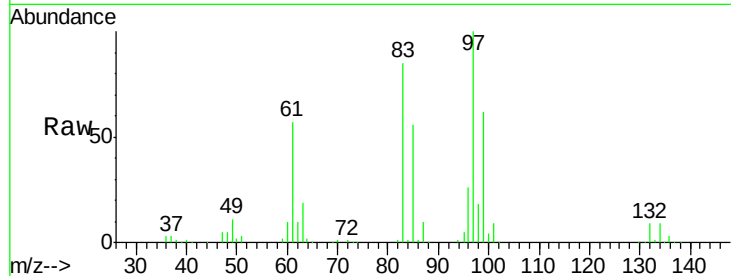
#55
 1,1,2-Trichloroethane
 Concen: 54.702 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	86035
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.7	104.5
85	56.4	44.5	66.7
99	61.5	49.6	74.4

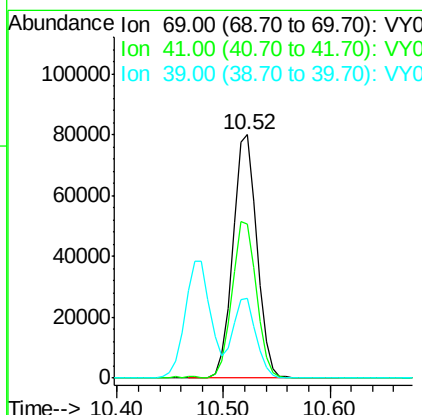
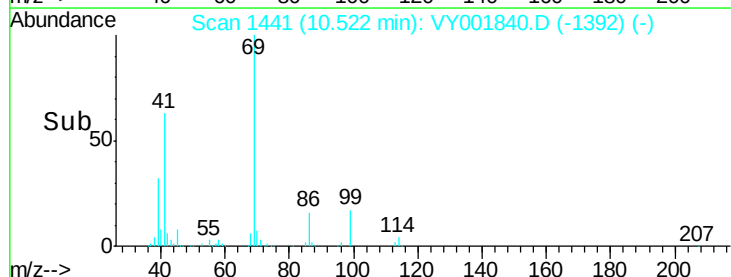
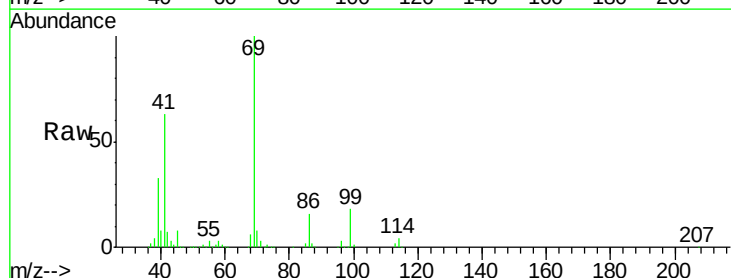
Manual Integrations
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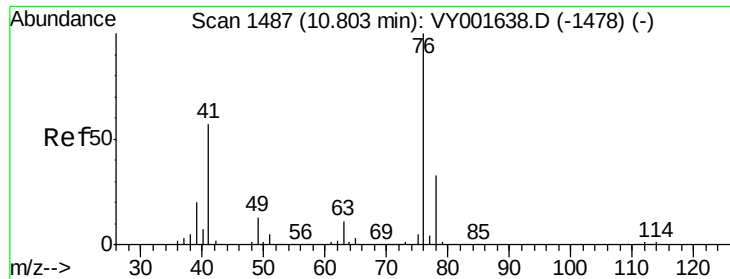
MMDadoda
 3/4/2020 2:02:14 PM



#56
 Ethyl methacrylate
 Concen: 53.846 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion:	69	Resp:	127049
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.0	76.4
39	32.2	24.7	37.1





#57

1,3-Dichloropropane

Concen: 53.760 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 150236

Ion Ratio Lower Upper

76 100

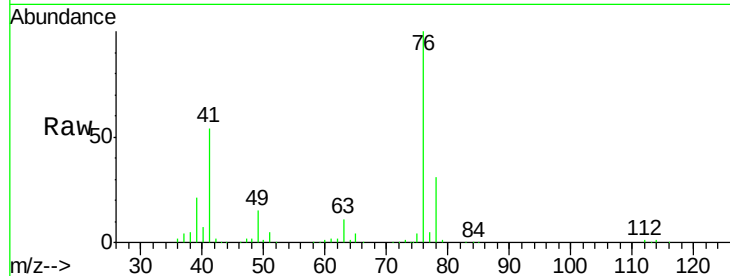
78 32.1 25.7 38.5

Manual Integrations

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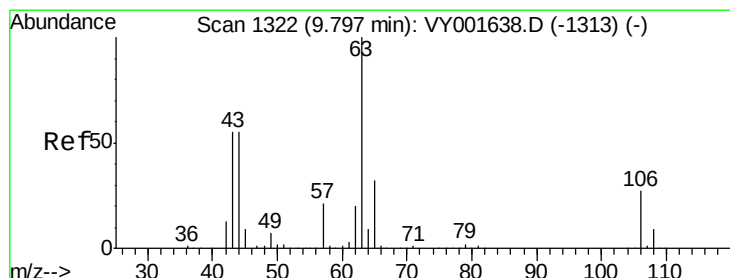
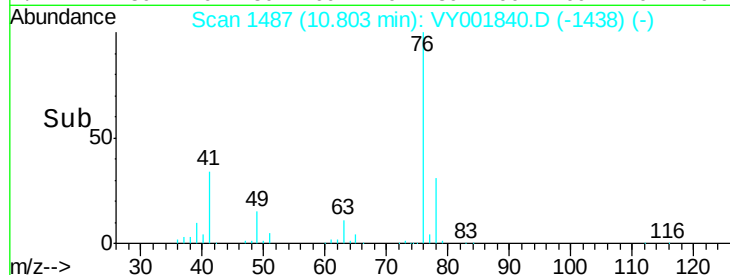
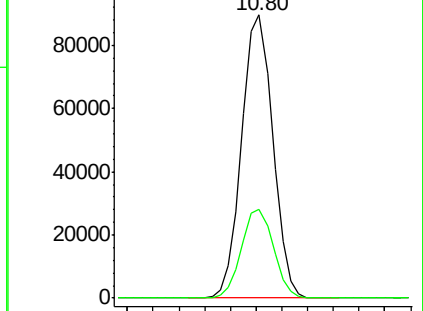
MMDadoda

3/4/2020 2:02:14 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 260.847 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001840.D

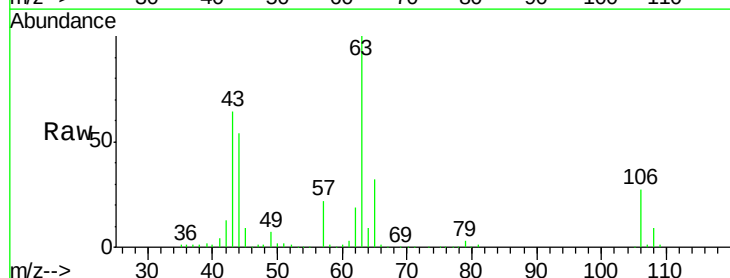
Acq: 03 Mar 2020 17:11

Tgt Ion: 63 Resp: 230725

Ion Ratio Lower Upper

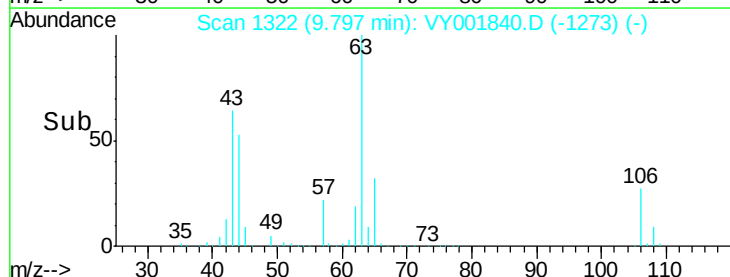
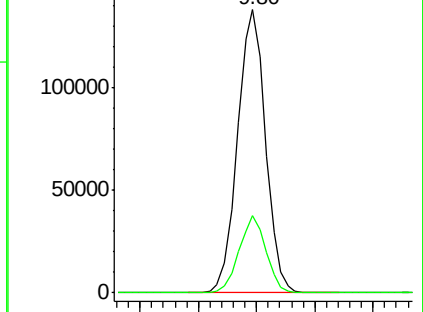
63 100

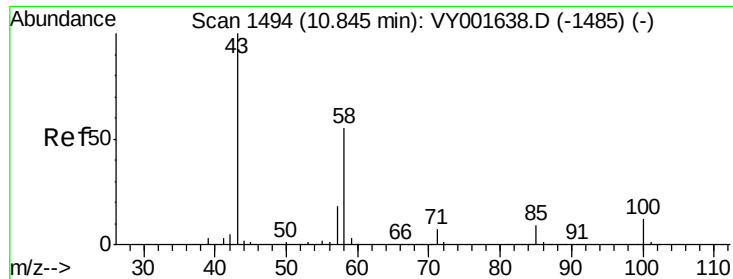
106 26.3 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





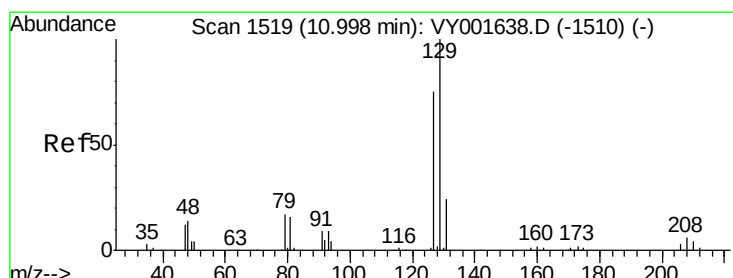
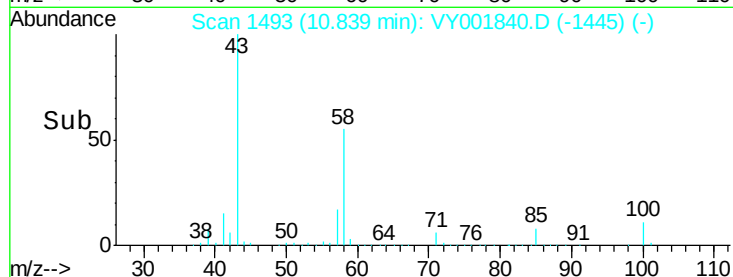
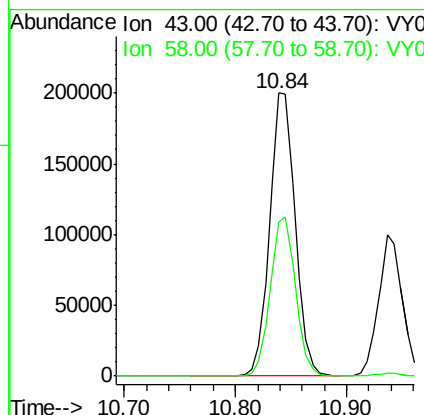
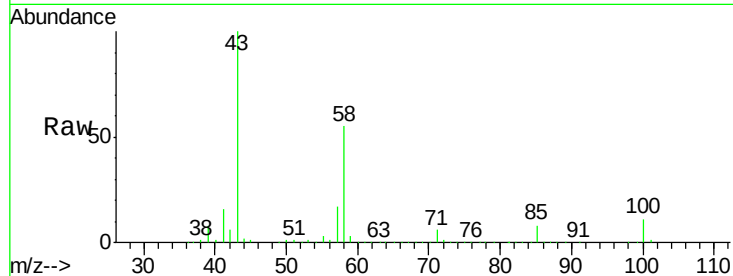
#59
2-Hexanone
Concen: 264.525 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 319735
Ion Ratio Lower Upper
43 100
58 55.8 28.4 85.2

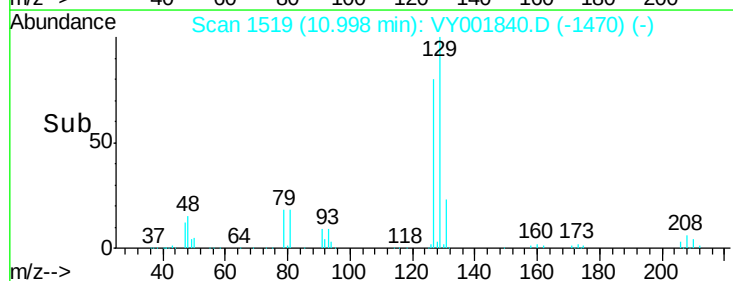
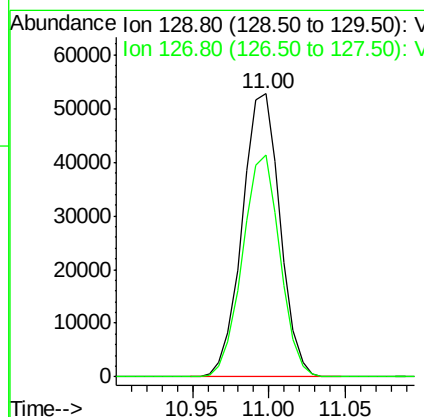
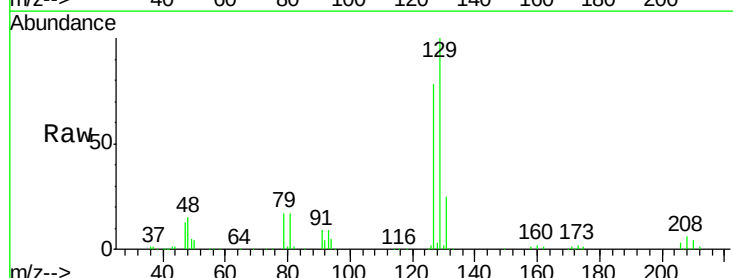
Manual Integrations
APPROVED

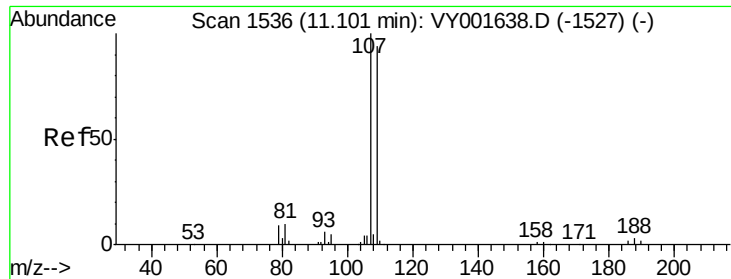
MMDadoda
3/4/2020 2:02:14 PM



#60
Dibromochloromethane
Concen: 52.296 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 129 Resp: 90682
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





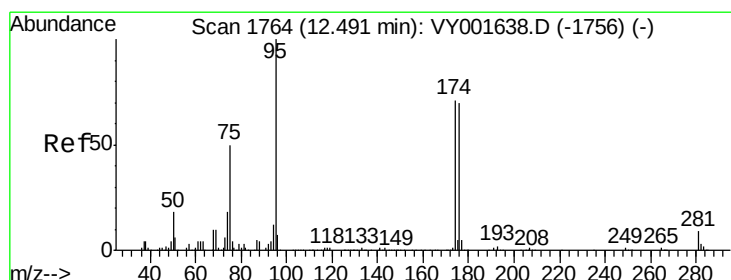
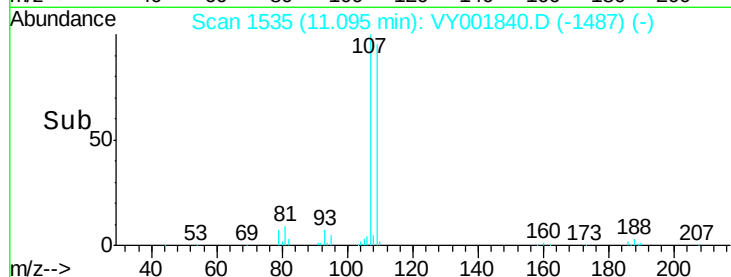
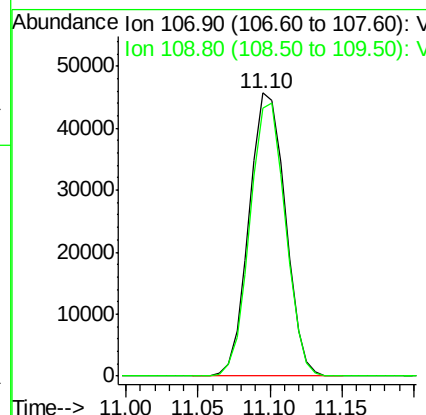
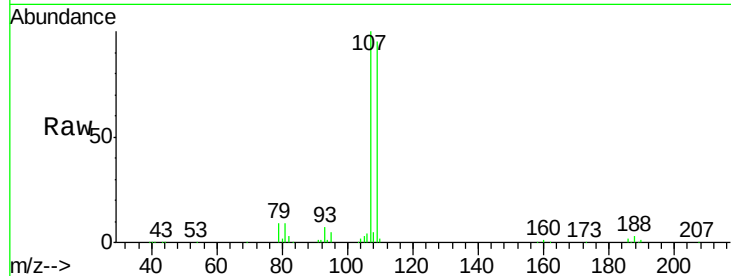
#61
 1,2-Dibromoethane
 Concen: 53.446 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.2	111.4

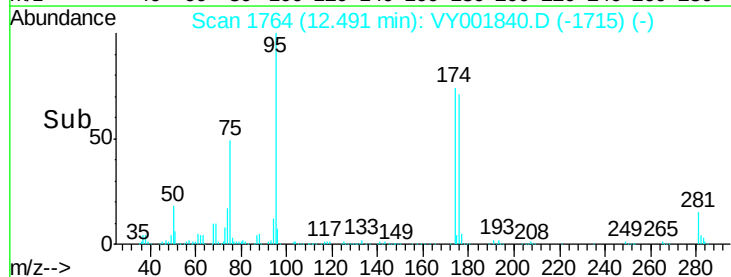
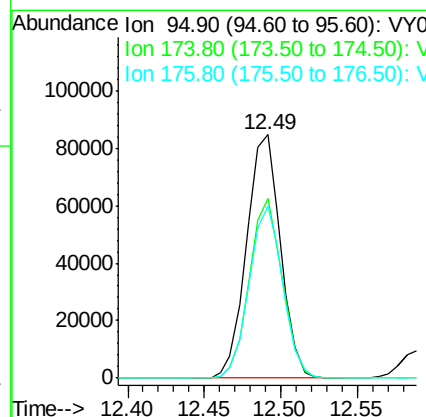
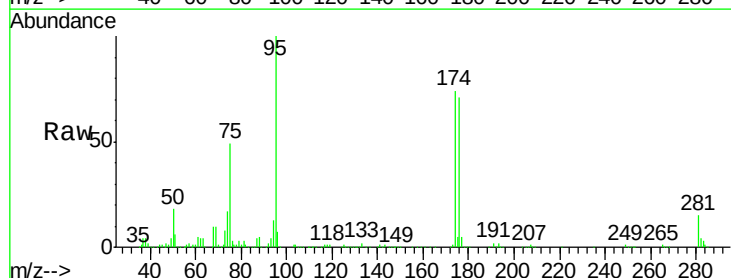
Manual Integrations
 APPROVED

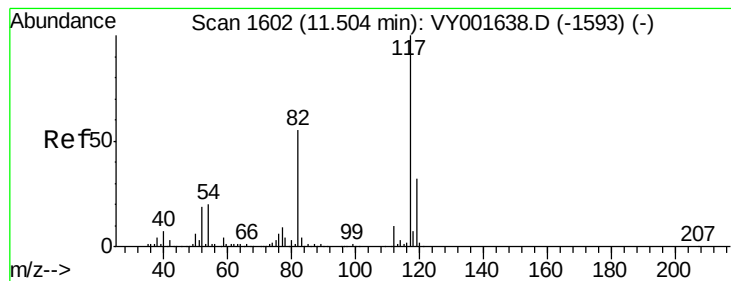
MMDadoda
 3/4/2020 2:02:14 PM



#62
 4-Bromofluorobenzene
 Concen: 51.531 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	138.4
176	69.9	0.0	131.8





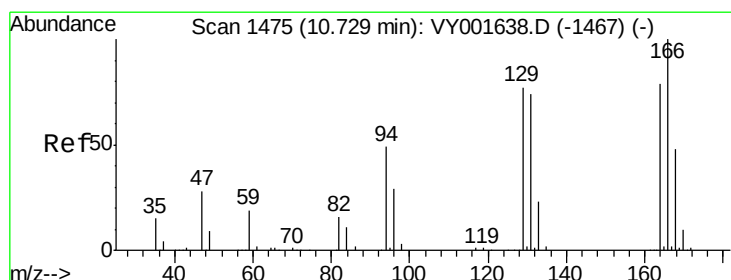
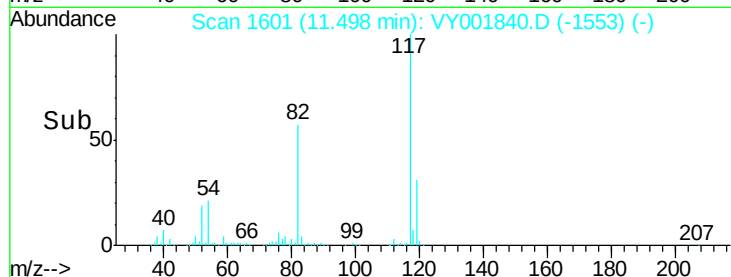
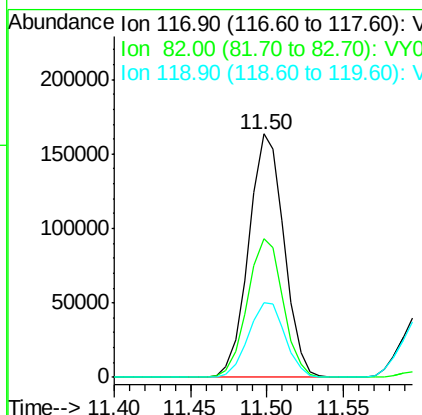
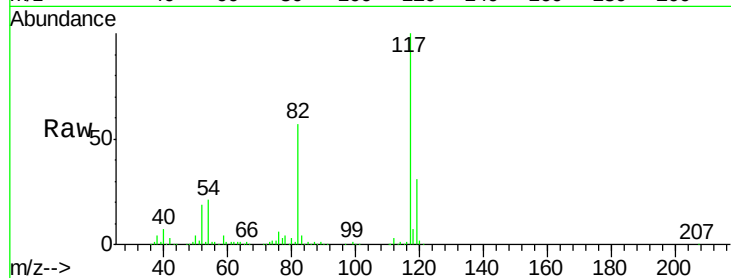
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.5	68.3
119	30.6	25.8	38.6

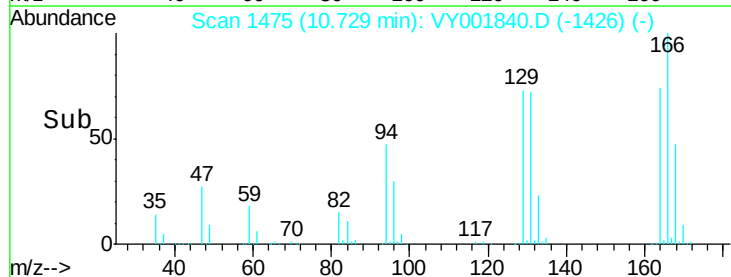
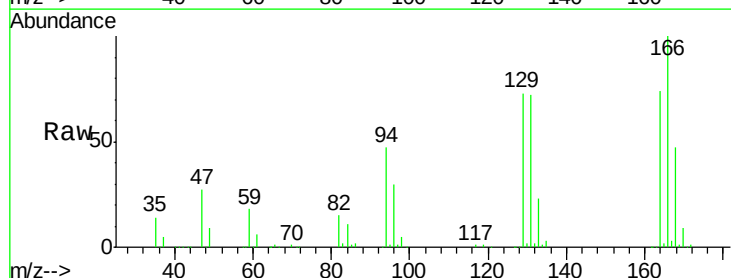
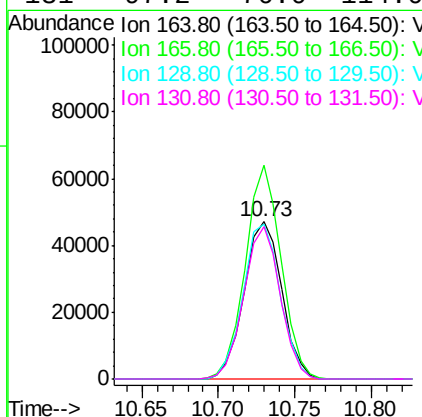
Manual Integrations
APPROVED

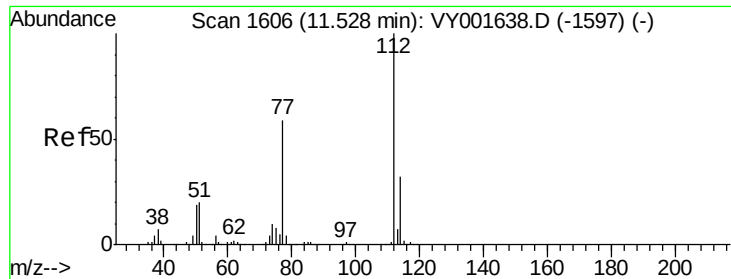
MMDadoda
3/4/2020 2:02:14 PM



#64
Tetrachloroethene
Concen: 48.946 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.7	101.4	152.0
129	98.6	78.7	118.1
131	97.2	76.0	114.0





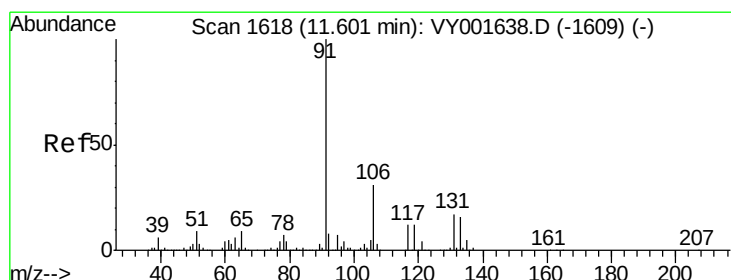
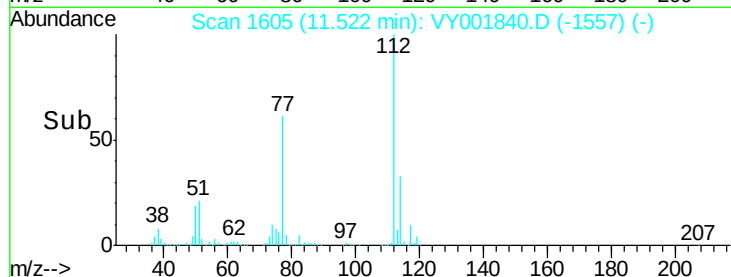
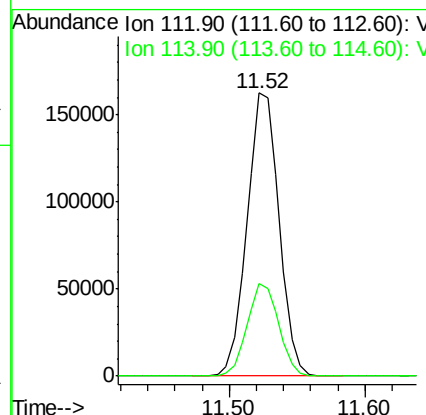
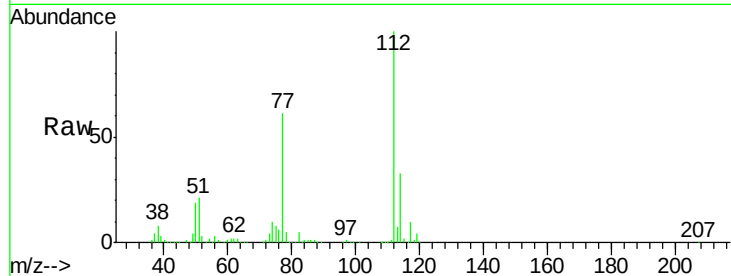
#65
Chlorobenzene
Concen: 51.155 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.4	38.2

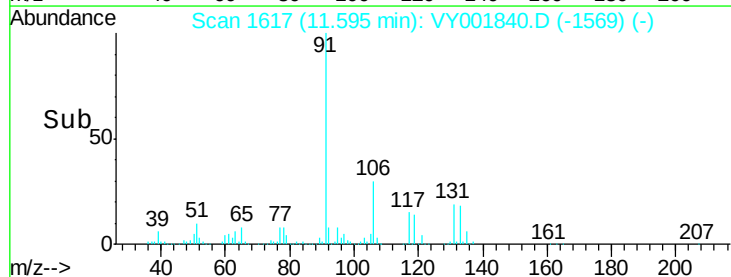
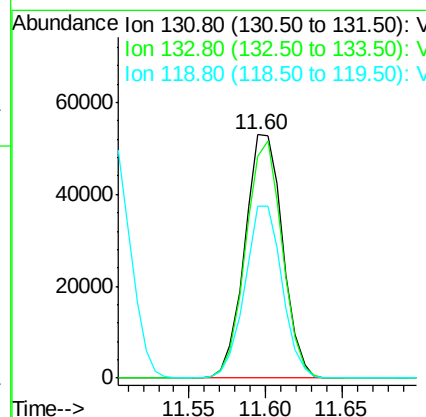
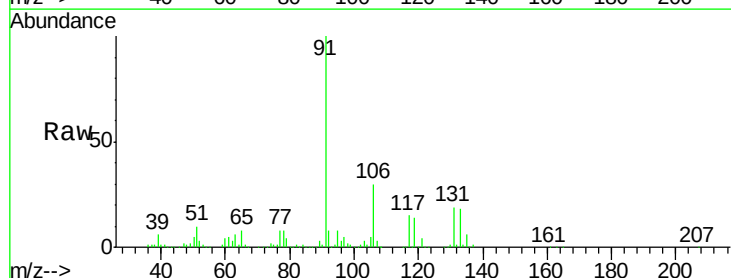
Manual Integrations
APPROVED

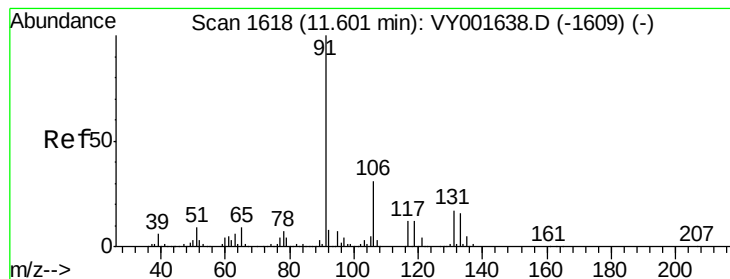
MMDadoda
3/4/2020 2:02:14 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.580 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.4	142.2
119	69.5	34.4	103.1





#67

Ethyl Benzene

Concen: 51.509 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 499852

Ion Ratio Lower Upper

91 100

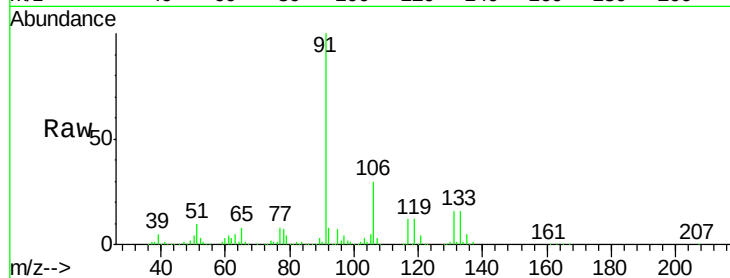
106 30.3 24.5 36.7

Manual Integrations

APPROVED

MMDadoda

3/4/2020 2:02:14 PM

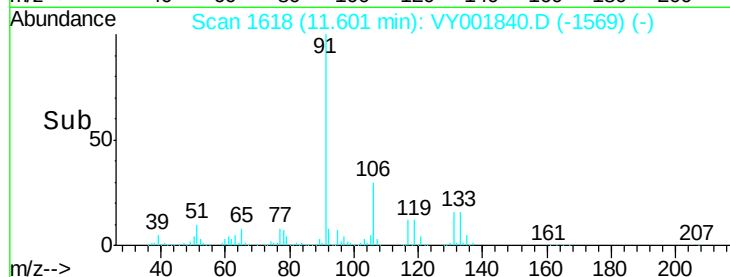


Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1609) (-)

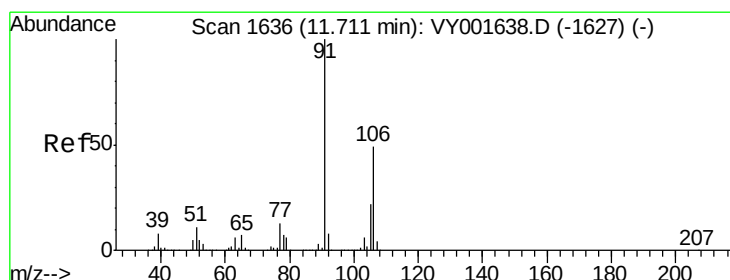
Ion 106.00 (105.70 to 106.70): VY001638.D (-1609) (-)

11.60

11.70



Time-->



#68

m/p-Xylenes

Concen: 103.257 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001840.D

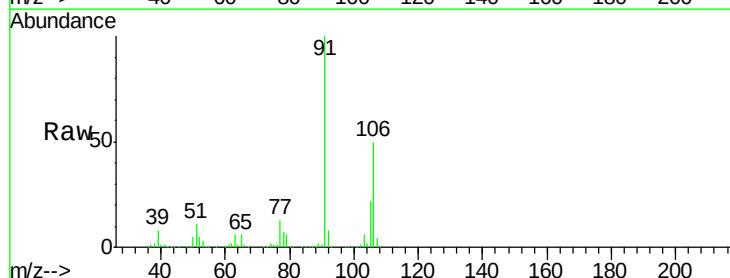
Acq: 03 Mar 2020 17:11

Tgt Ion: 106 Resp: 374299

Ion Ratio Lower Upper

106 100

91 200.9 163.3 244.9

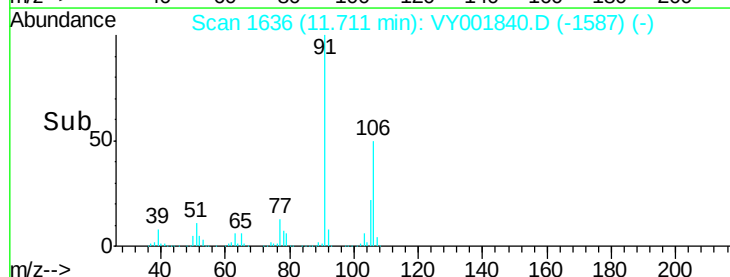


Abundance Ion 106.00 (105.70 to 106.70): VY001638.D (-1627) (-)

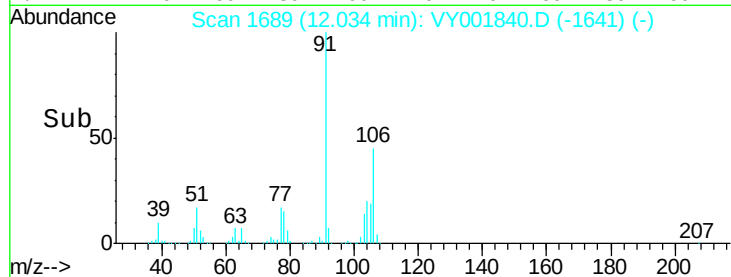
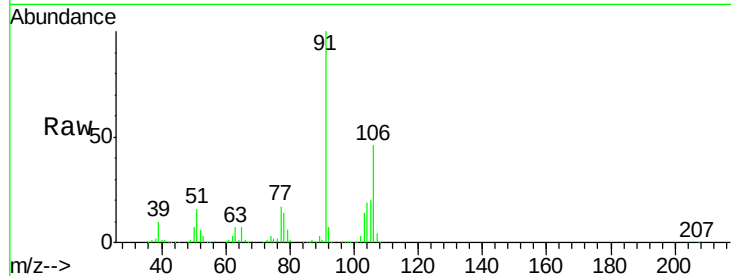
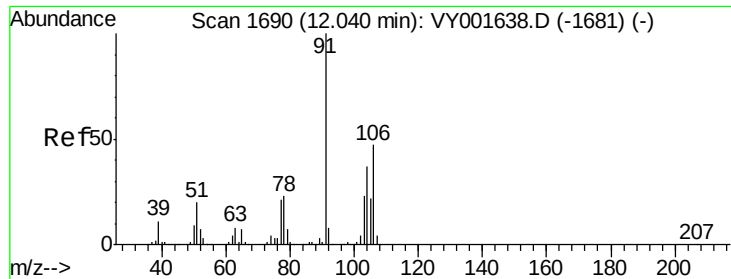
Ion 91.00 (90.70 to 91.70): VY001638.D (-1627) (-)

11.71

11.80



Time-->



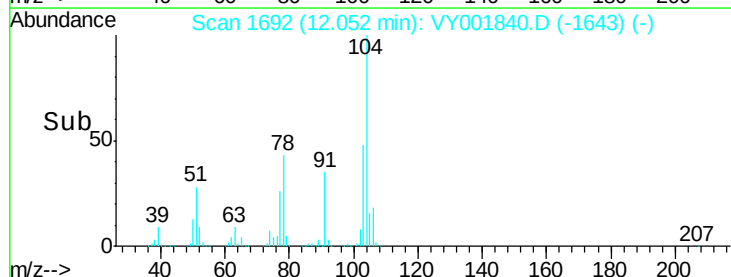
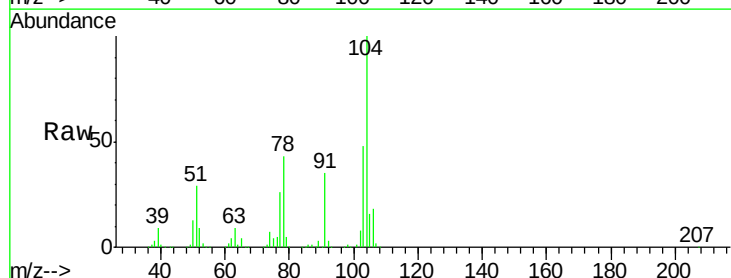
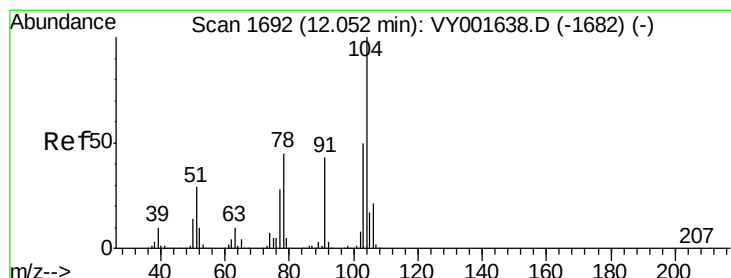
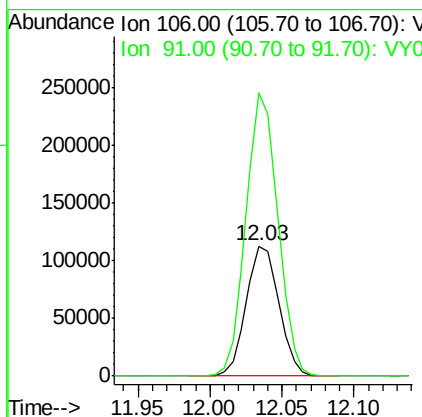
#69
o-Xylene
Concen: 51.345 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.0	108.3	324.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

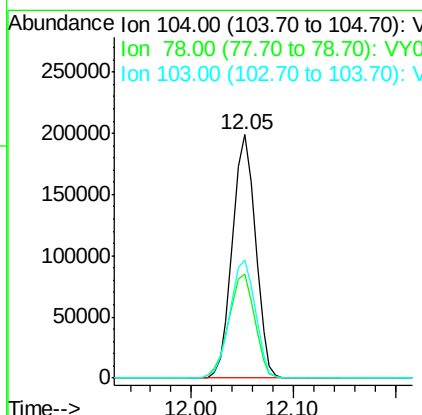
Manual Integrations
APPROVED

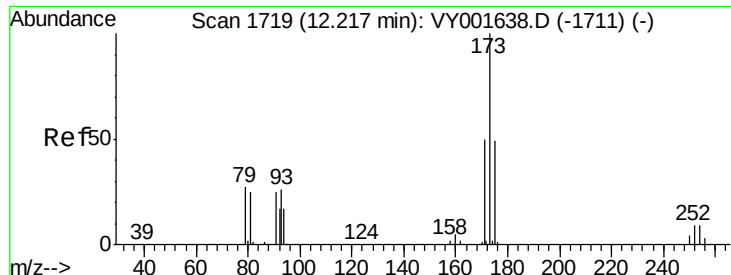
MMDadoda
3/4/2020 2:02:14 PM



#70
Styrene
Concen: 52.000 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.2	58.8
103	53.4	43.0	64.6





#71

Bromoform

Concen: 52.038 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 52458

Ion Ratio Lower Upper

173 100

175 46.9 24.3 73.0

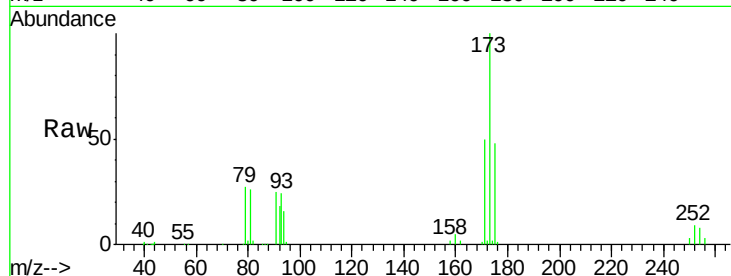
254 0.0 0.1 0.1#

Manual Integrations

APPROVED

MMDadoda

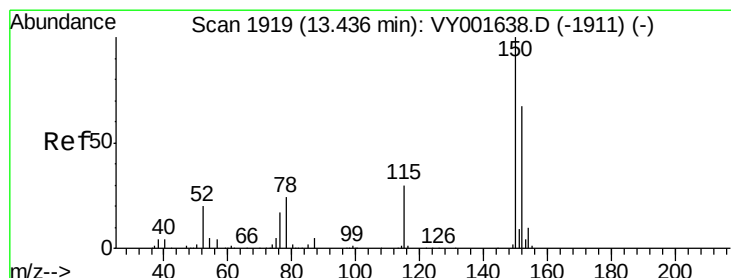
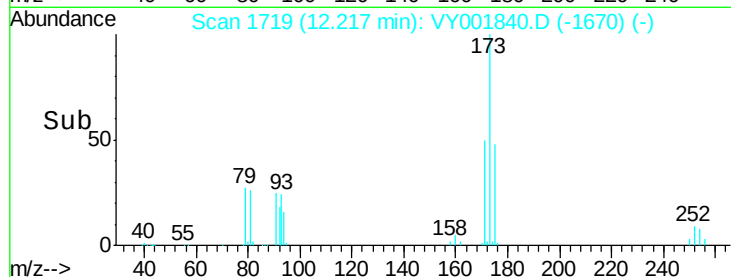
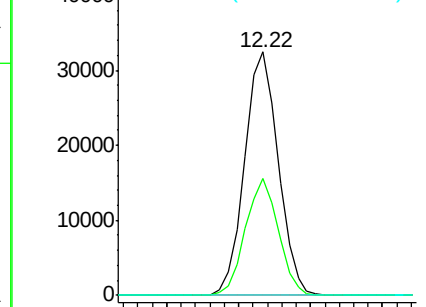
3/4/2020 2:02:14 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

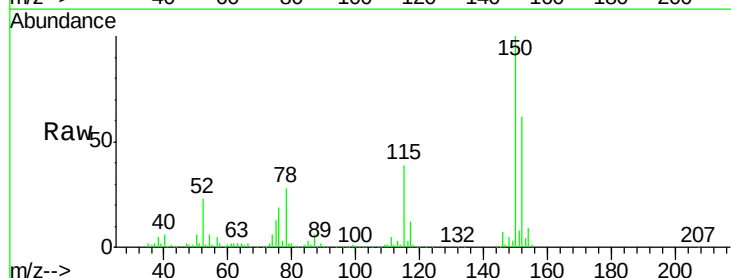
Tgt Ion:152 Resp: 121695

Ion Ratio Lower Upper

152 100

115 62.1 31.4 94.2

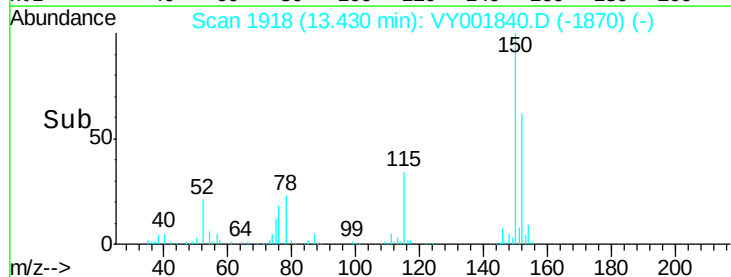
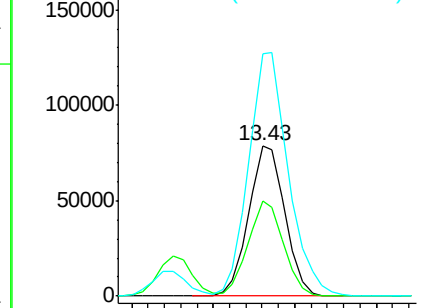
150 176.8 0.0 407.2

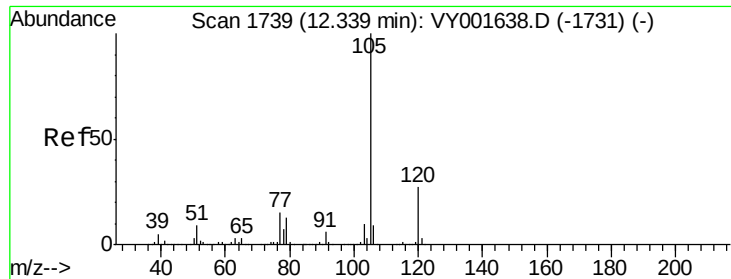


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





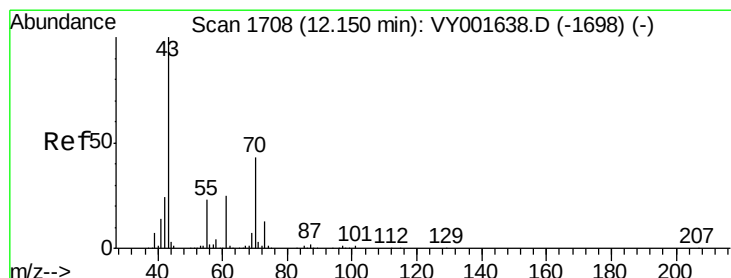
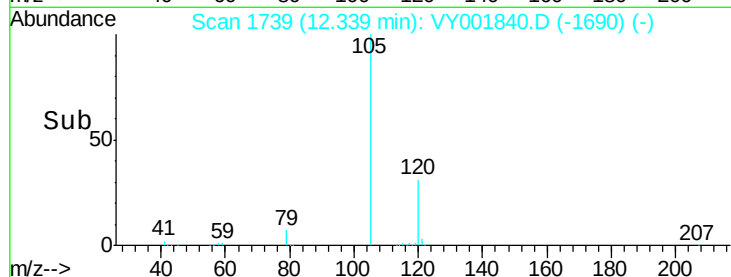
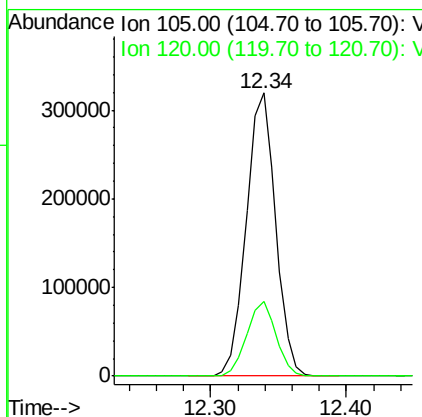
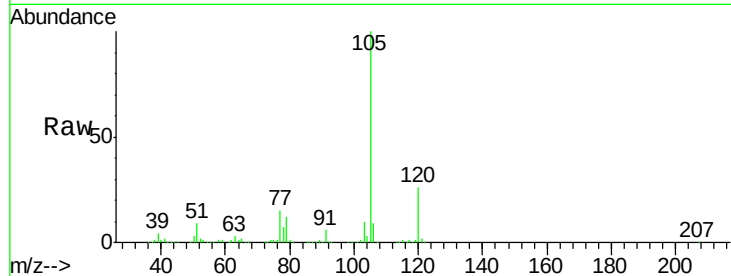
#73
Isopropylbenzene
Concen: 51.984 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.4	40.1

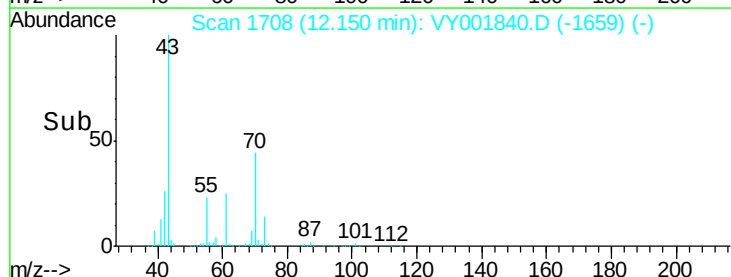
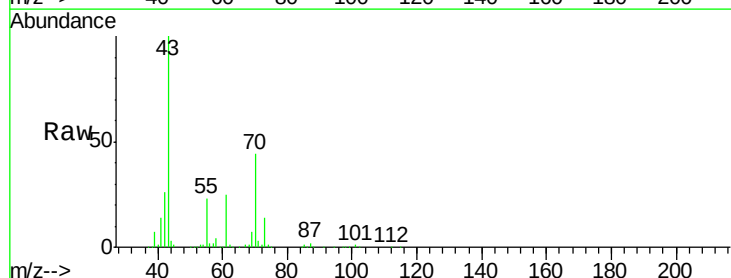
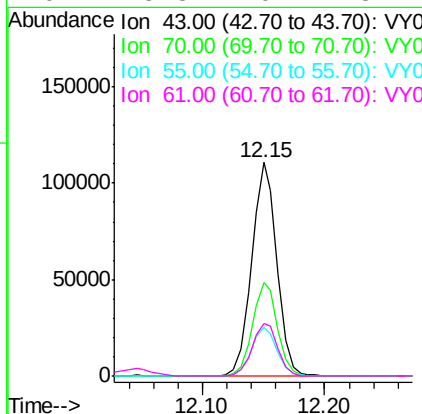
Manual Integrations
APPROVED

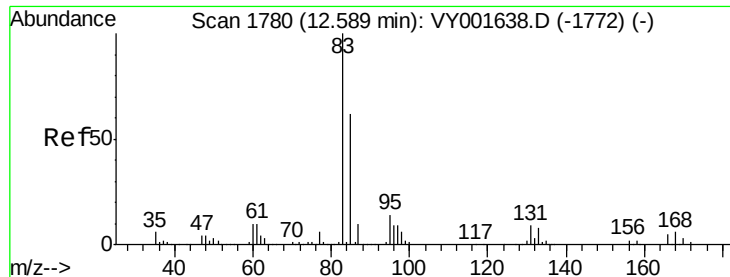
MMDadoda
3/4/2020 2:02:14 PM



#74
N-ethyl acetate
Concen: 53.465 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.7	35.9	53.9
55	23.3	18.3	27.5
61	25.3	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.922 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 108720

Ion Ratio Lower Upper

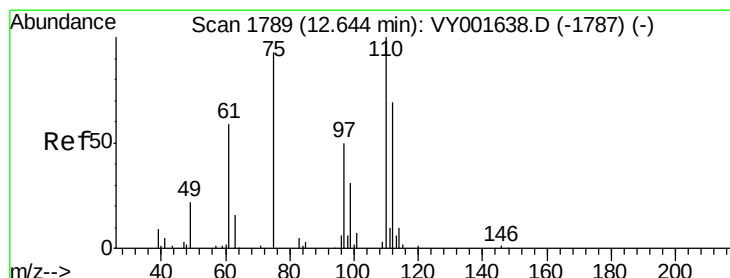
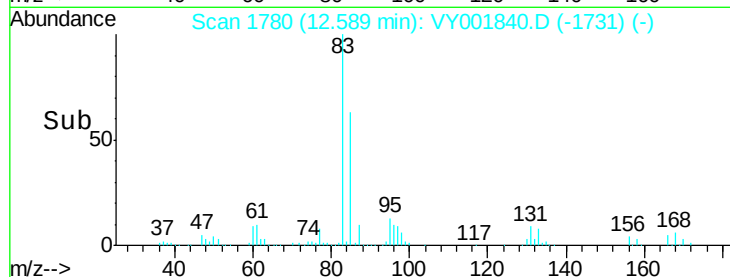
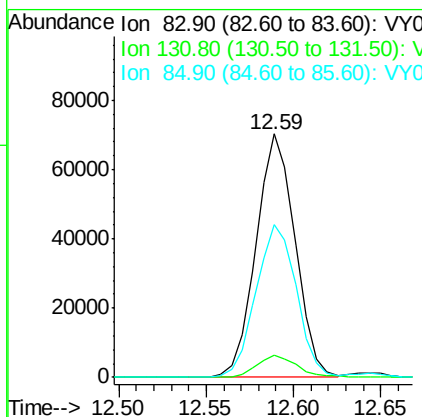
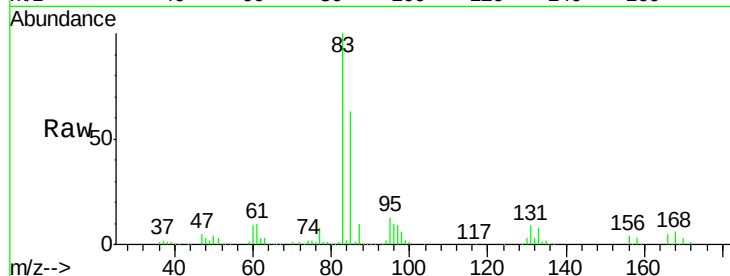
83 100

131 9.2 4.7 14.1

85 65.2 31.6 94.7

Manual Integrations
APPROVED

MMDadoda
3/4/2020 2:02:14 PM



#76

1,2,3-Trichloropropane

Concen: 56.934 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001840.D

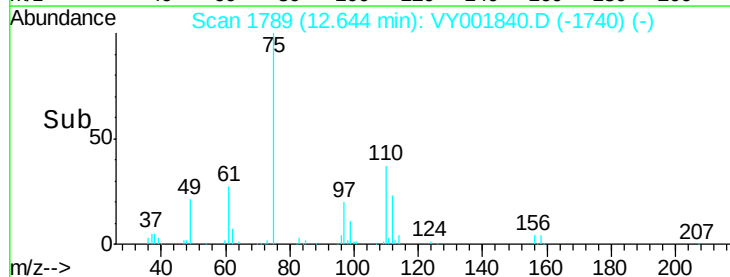
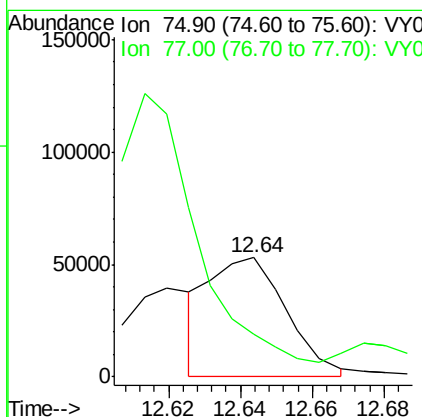
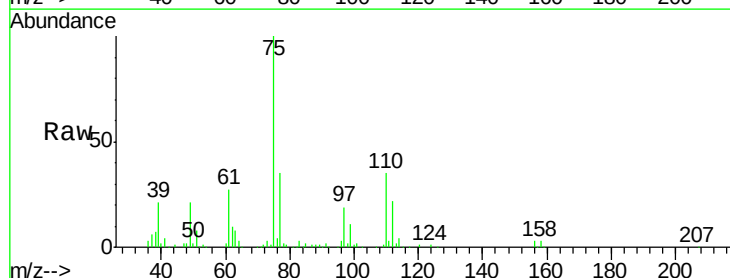
Acq: 03 Mar 2020 17:11

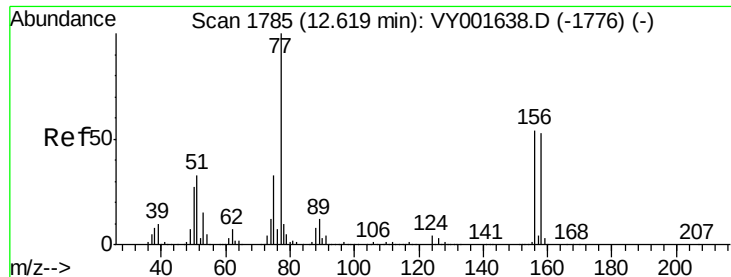
Tgt Ion: 75 Resp: 79480

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.828 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

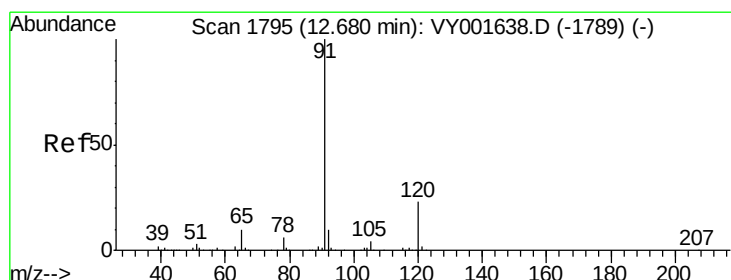
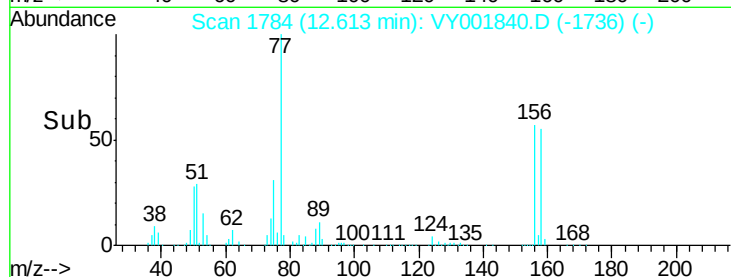
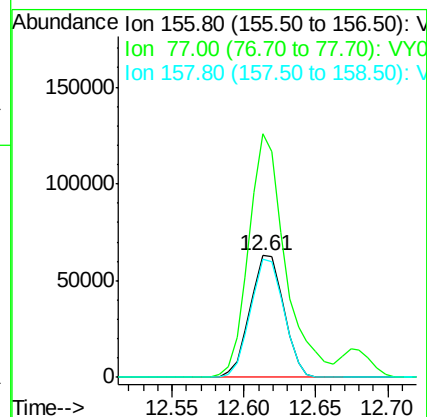
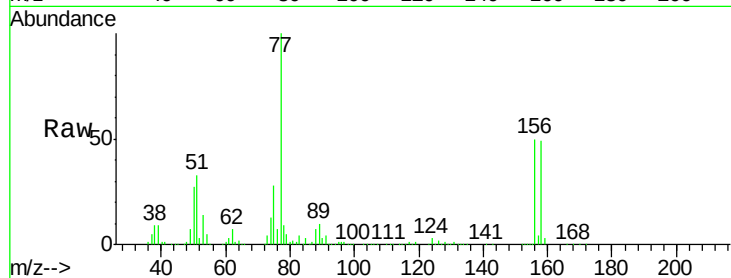
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	102153
Ion Ratio	Lower	Upper	
156	100		
77	217.1	110.1	330.1
158	96.4	47.9	143.7

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#78

n-propylbenzene

Concen: 52.568 ug/l

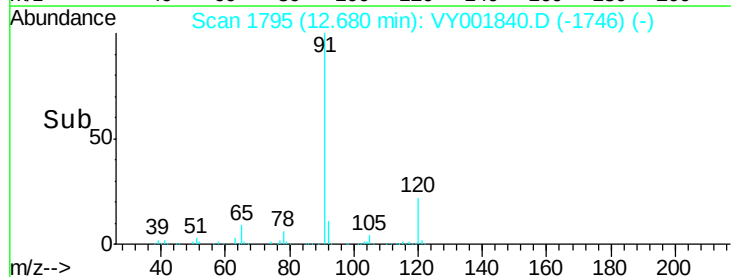
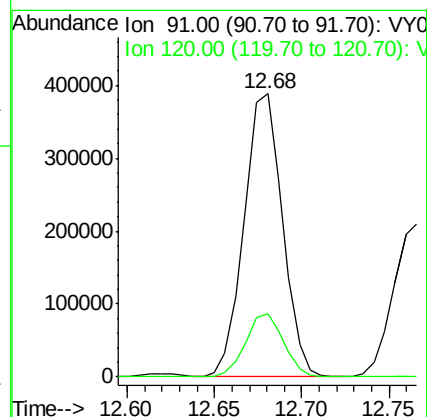
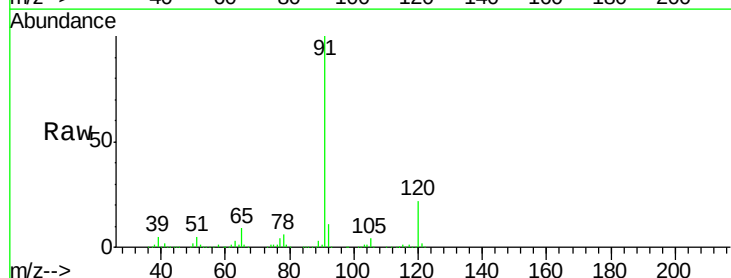
RT: 12.68 min Scan# 1795

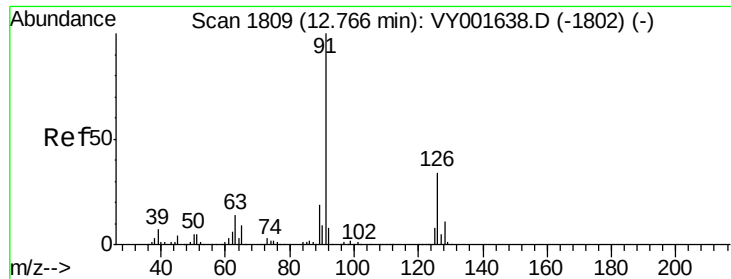
Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Tgt Ion:	91	Resp:	593553
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.1	33.1





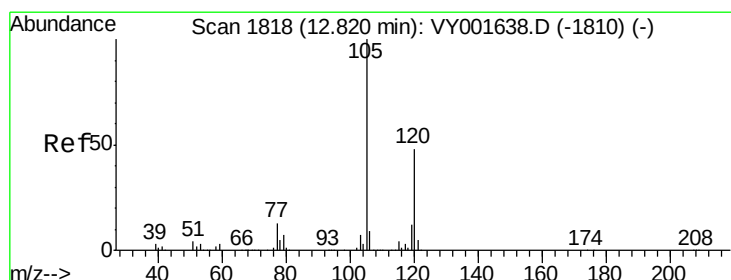
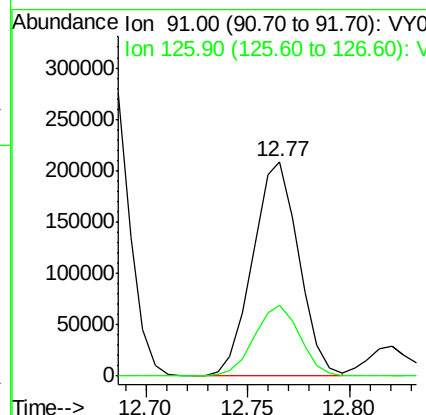
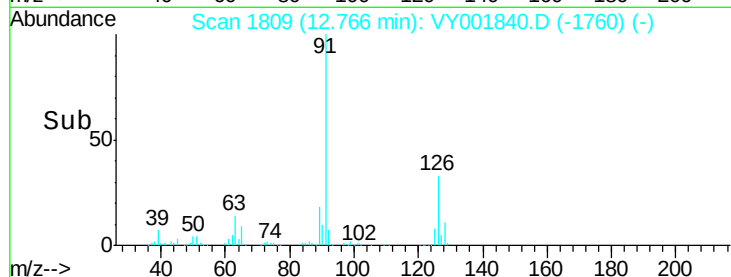
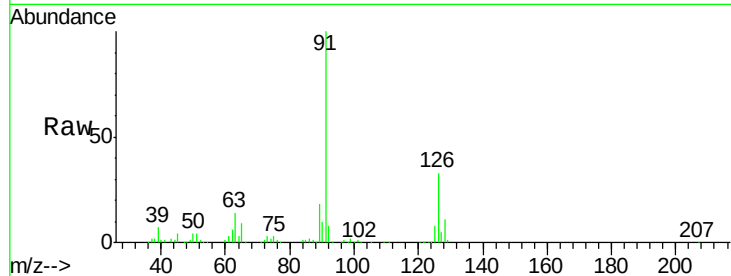
#79
 2-Chlorotoluene
 Concen: 51.909 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 328733
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.2 48.6

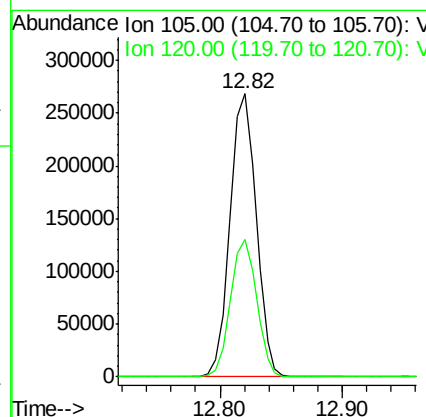
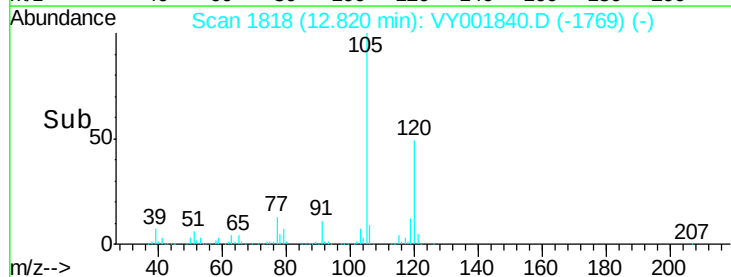
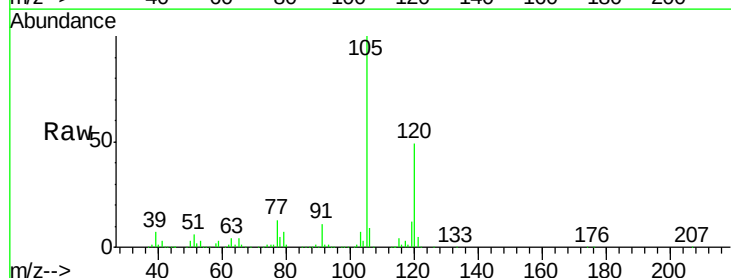
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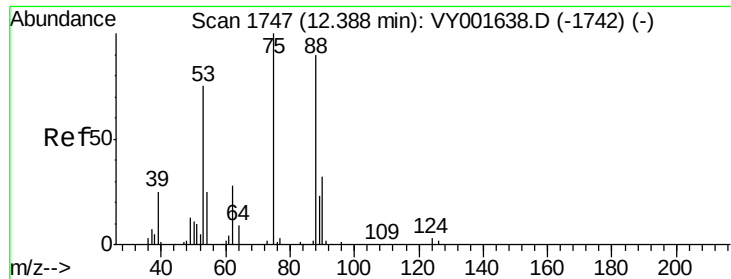
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.736 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 105 Resp: 397038
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 53.958 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

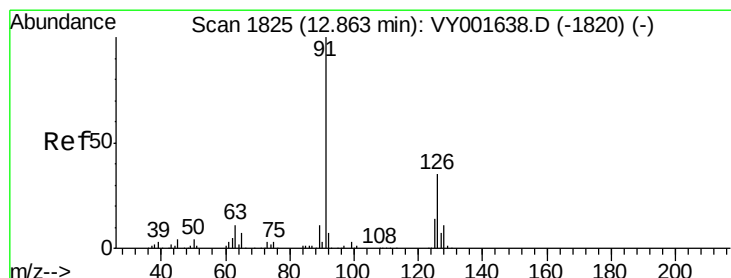
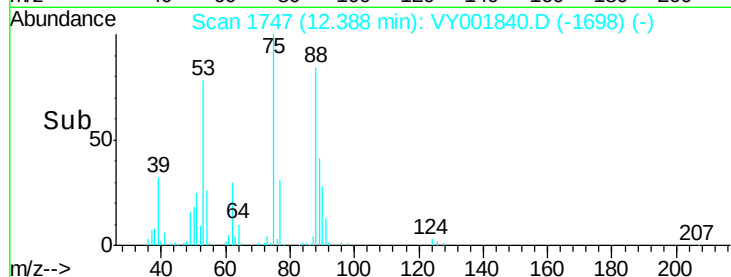
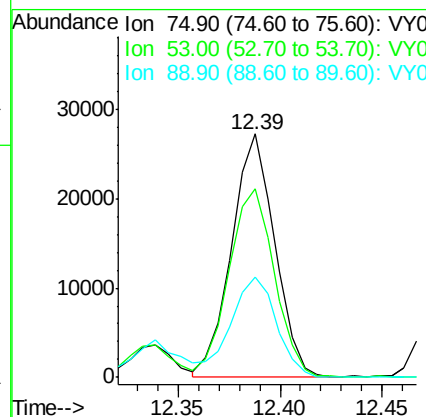
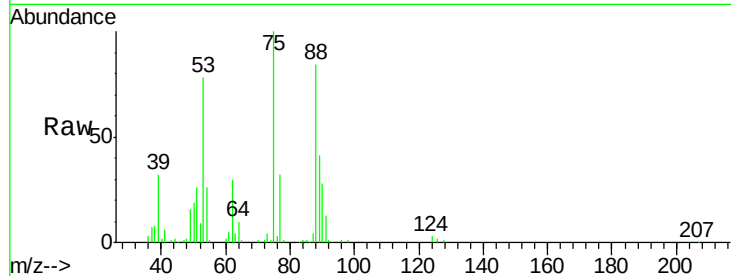
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	39704
Ion	Ratio	Lower	Upper
75	100		
53	82.0	64.5	96.7
89	44.3	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.974 ug/l

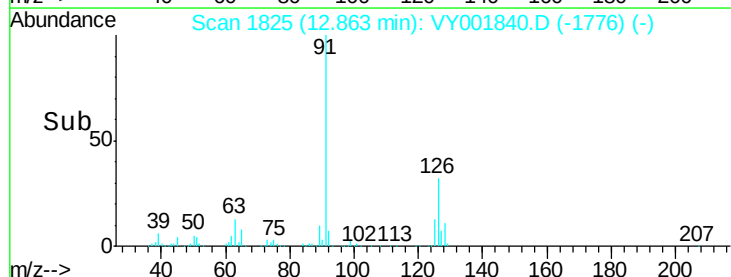
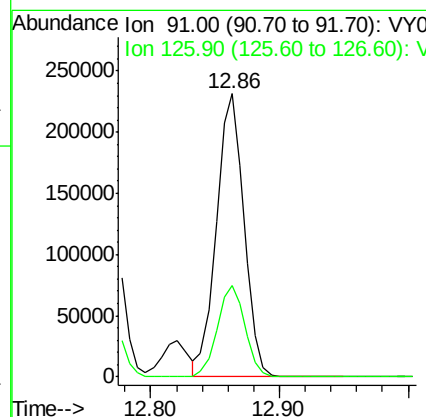
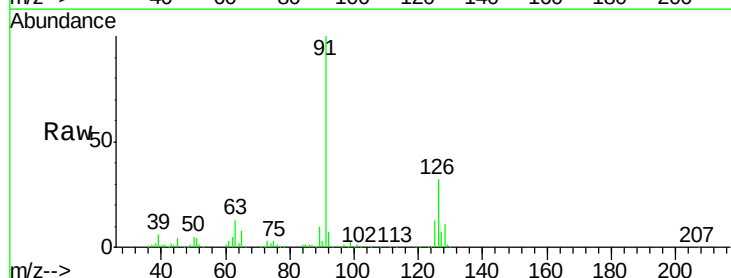
RT: 12.86 min Scan# 1825

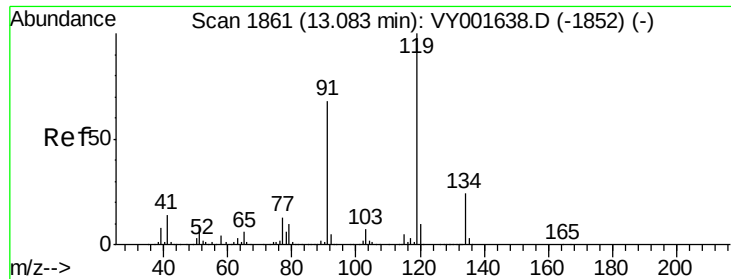
Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Tgt Ion:	91	Resp:	347144
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.6





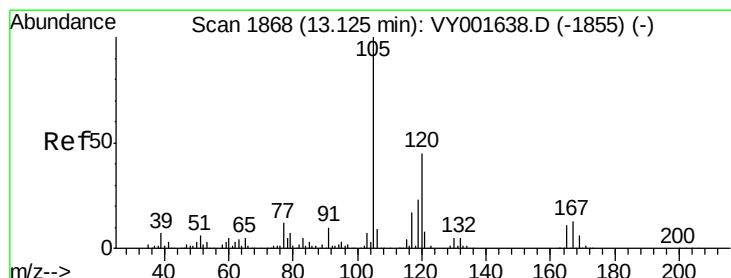
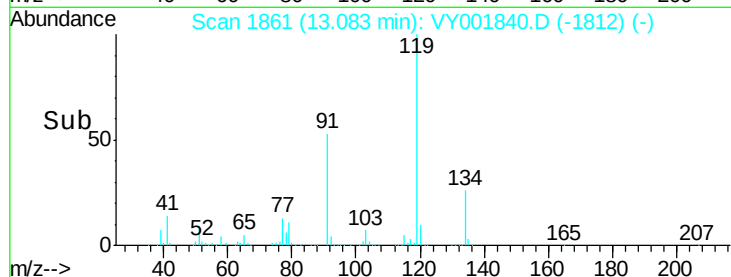
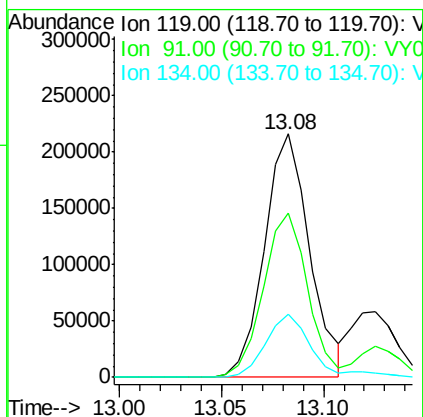
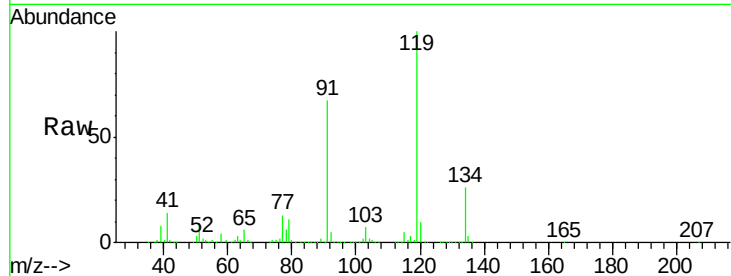
#83
tert-Butylbenzene
Concen: 51.989 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	33.5	100.5
134	26.7	13.3	39.8

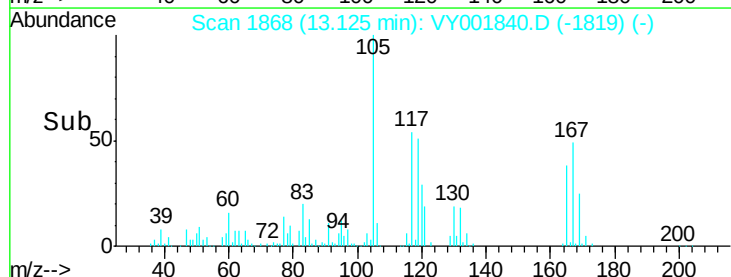
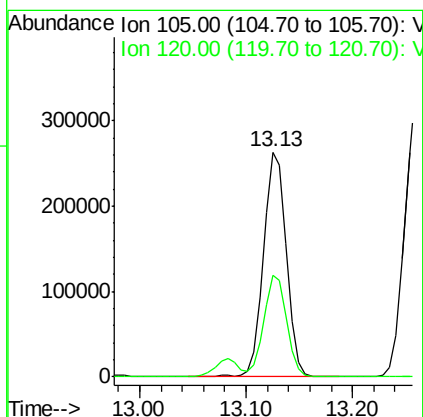
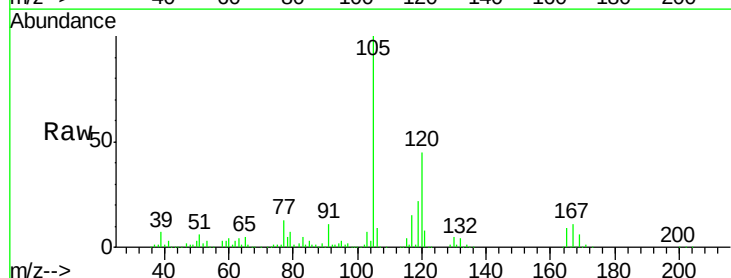
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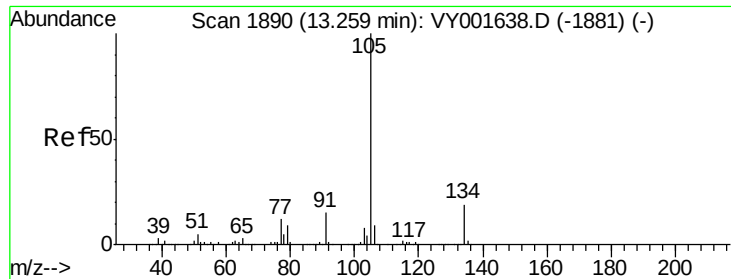
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.902 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





#85

sec-Butylbenzene

Concen: 52.290 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 493621

Ion Ratio Lower Upper

105 100

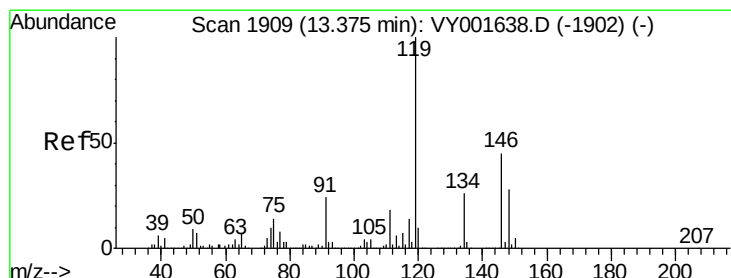
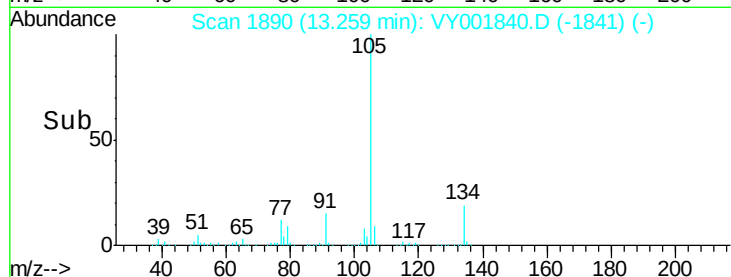
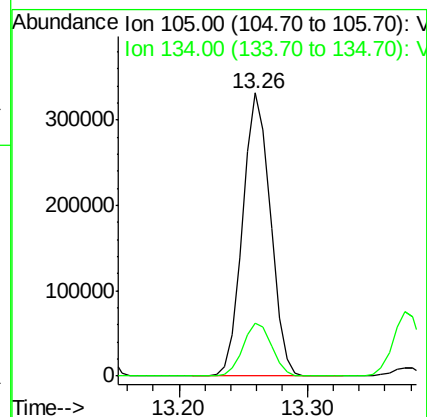
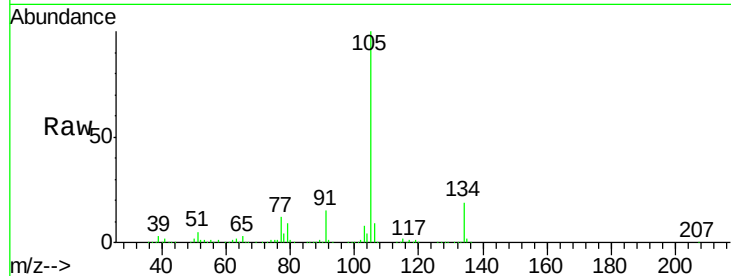
134 19.4 9.8 29.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.837 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

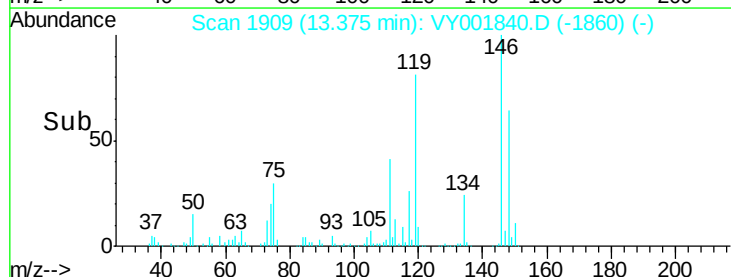
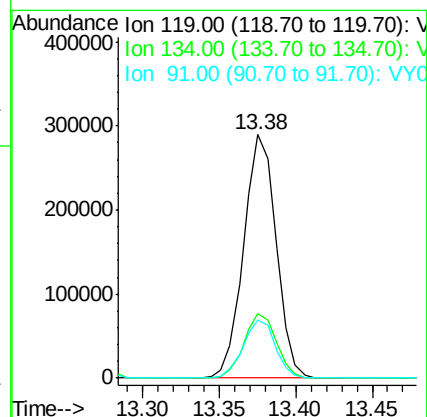
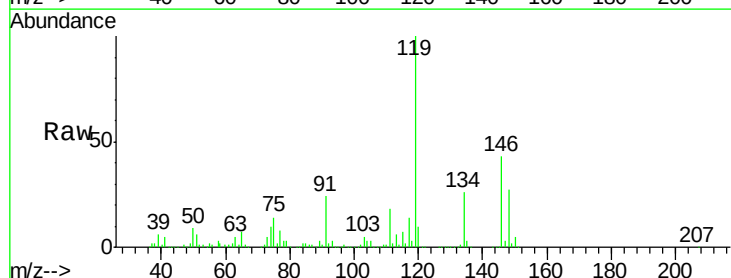
Tgt Ion:119 Resp: 425109

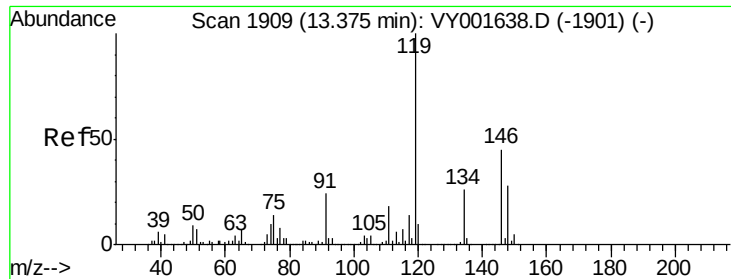
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.7 12.2 36.6





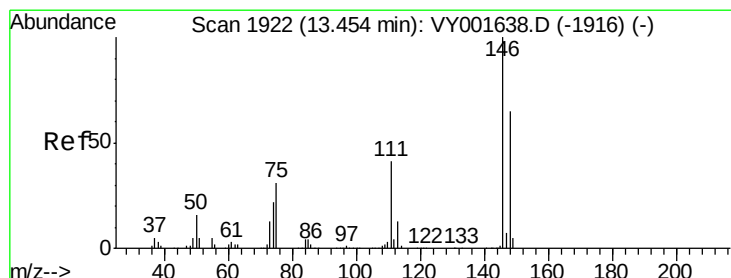
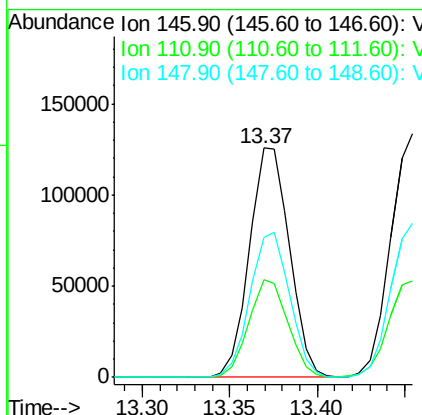
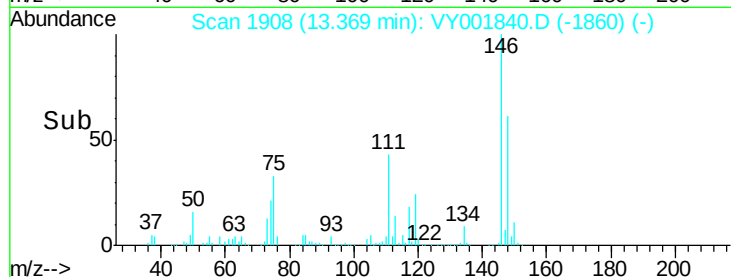
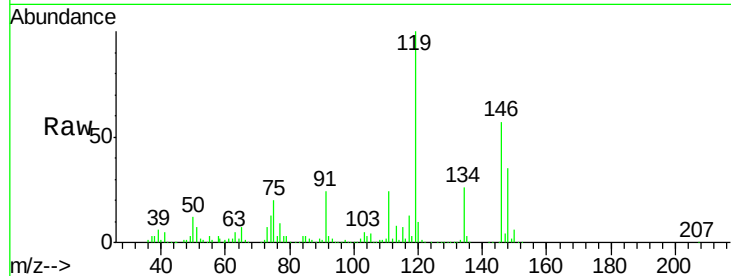
#87
 1,3-Dichlorobenzene
 Concen: 51.291 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	199921		
111	41.9		21.4	64.3
148	62.7		31.6	94.7

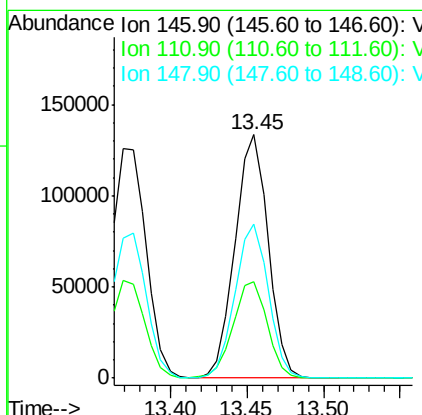
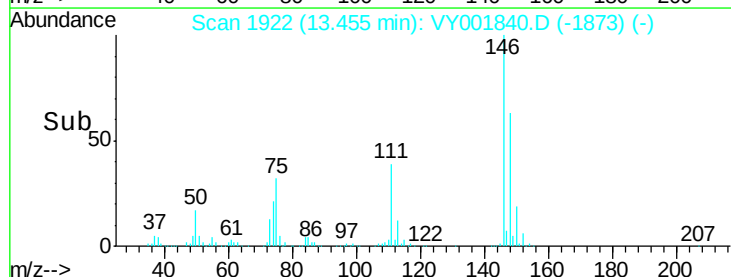
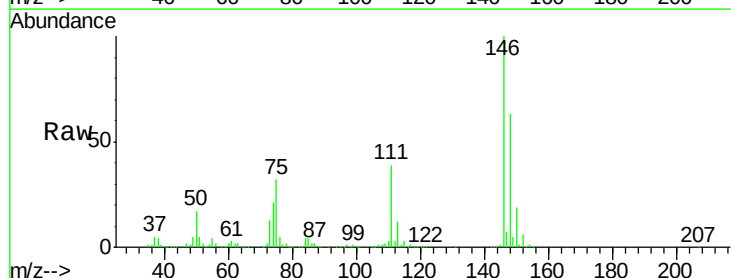
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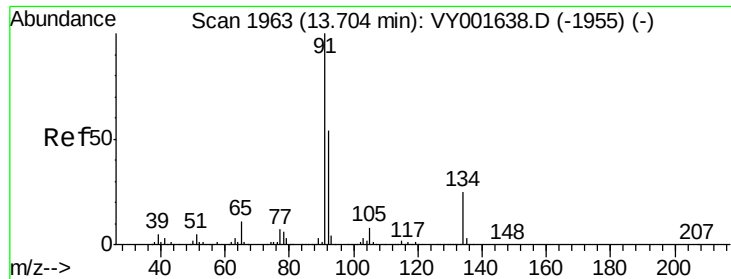
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#88
 1,4-Dichlorobenzene
 Concen: 51.041 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	201100		
111	40.9		20.4	61.3
148	63.6		31.6	94.7





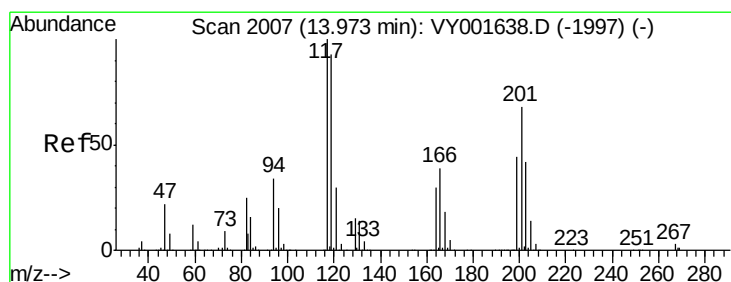
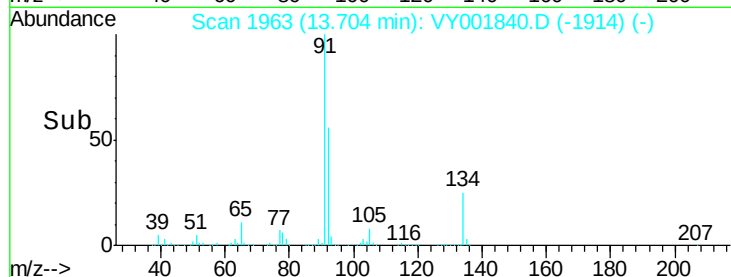
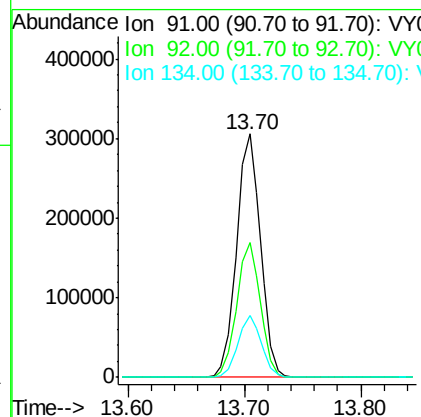
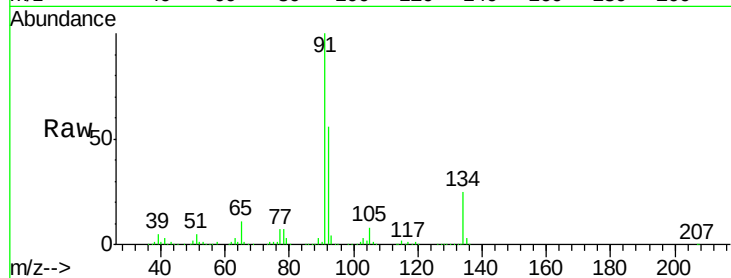
#89
n-Butylbenzene
Concen: 52.014 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	24.9	12.4	37.4

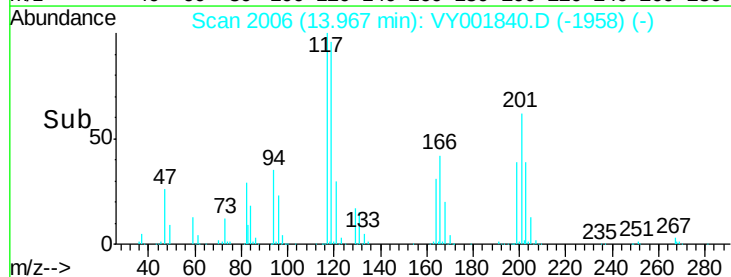
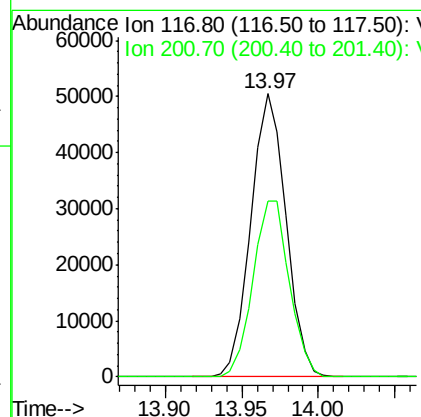
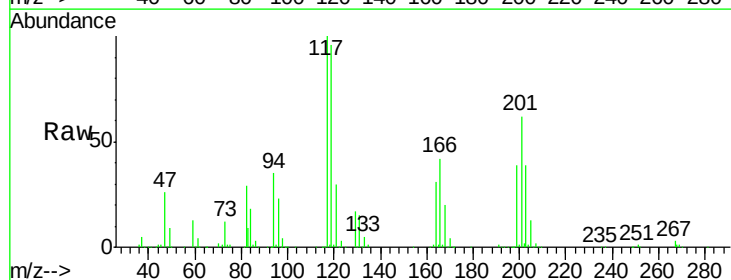
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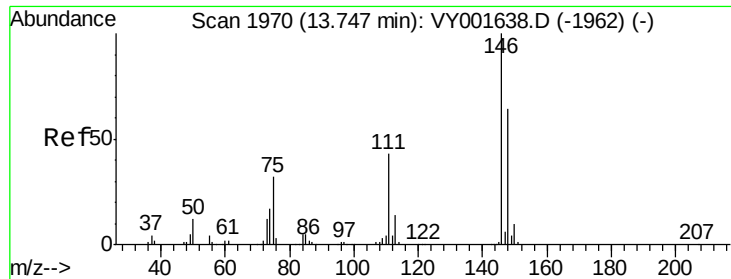
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#90
Hexachloroethane
Concen: 52.264 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.5	32.5	97.4





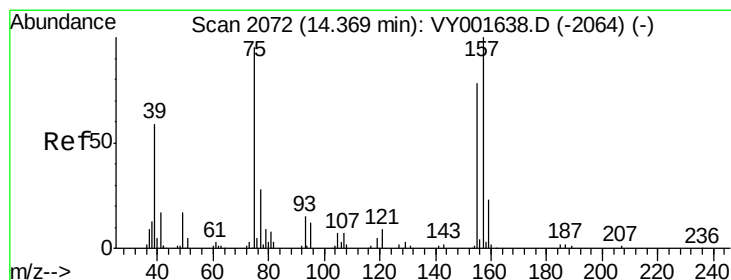
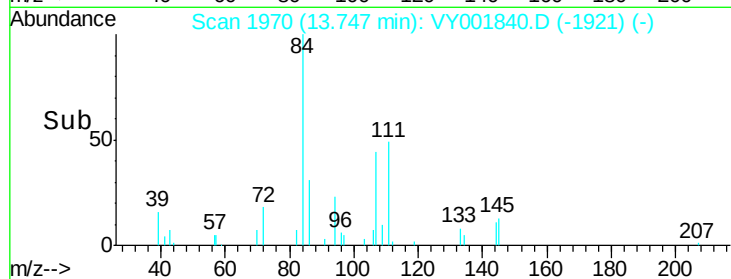
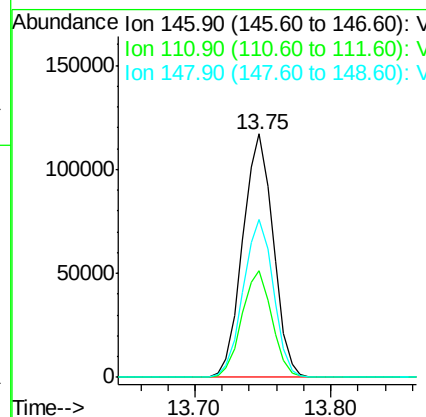
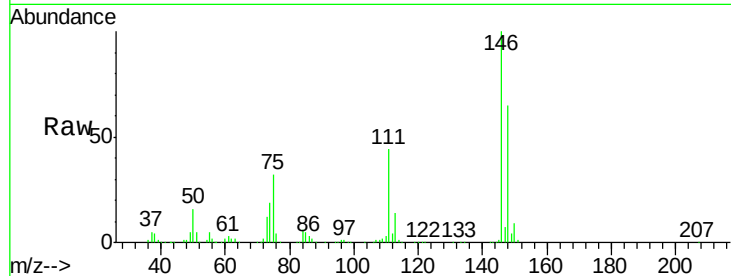
#91
 1,2-Dichlorobenzene
 Concen: 50.916 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.9	65.7
148	64.4	31.5	94.5

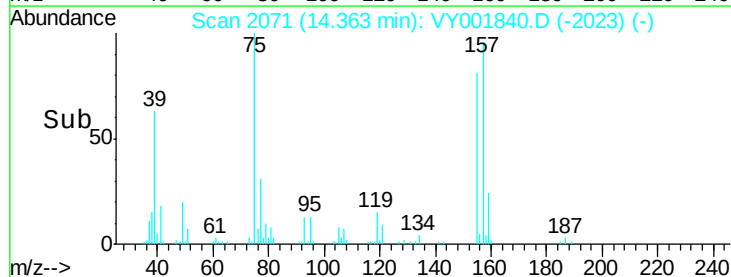
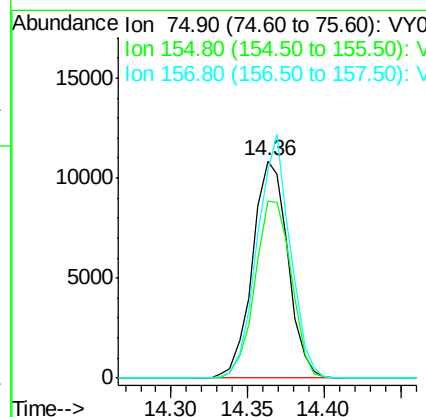
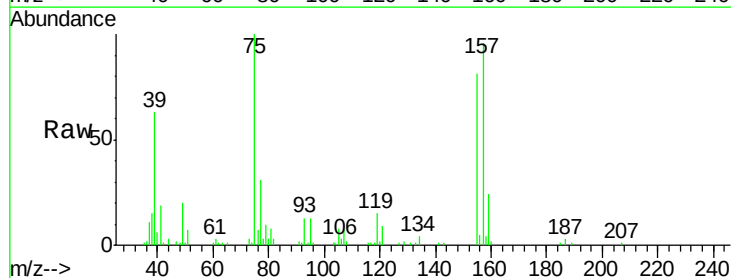
Manual Integrations
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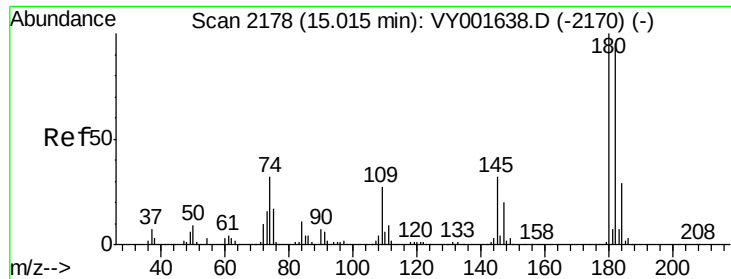
MMDadoda
 3/4/2020 2:02:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.598 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	40.8	122.4
157	104.2	52.1	156.4





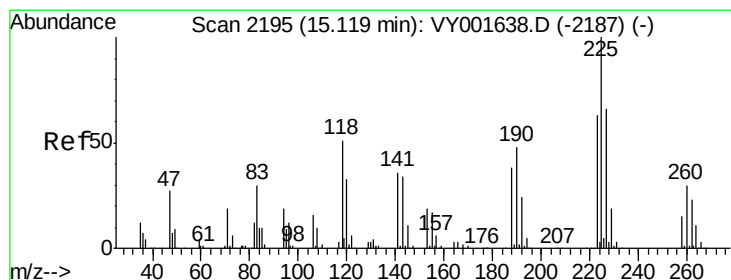
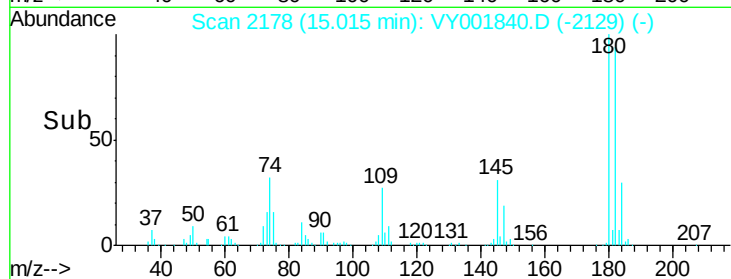
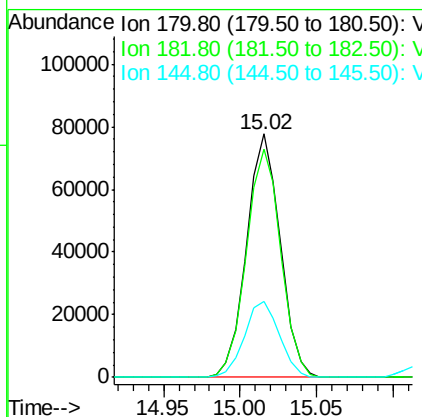
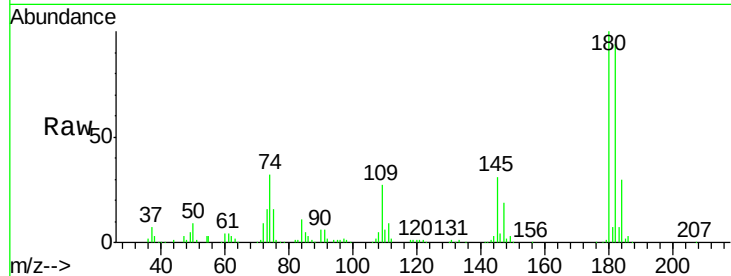
#93
1,2,4-Trichlorobenzene
Concen: 49.817 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	118750		
182	95.8	46.8	140.3	
145	32.3	16.2	48.5	

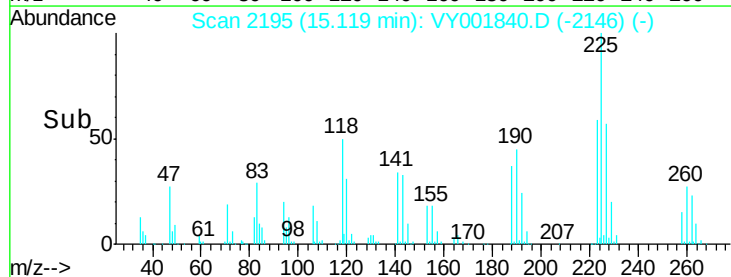
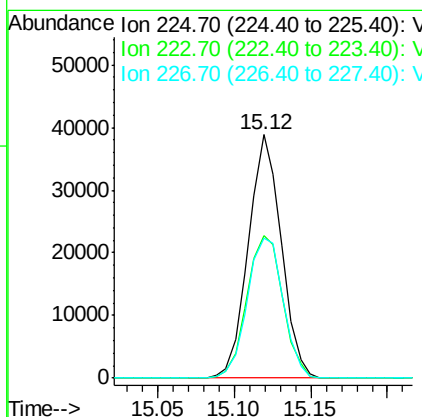
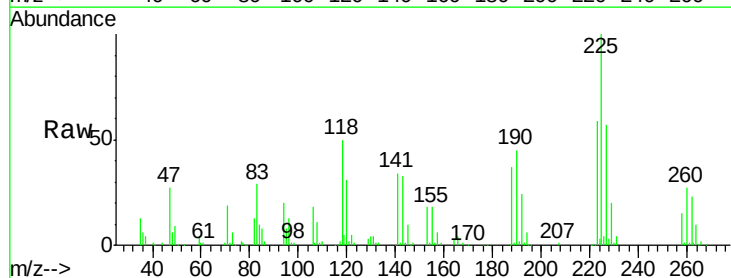
Manual Integrations
APPROVED

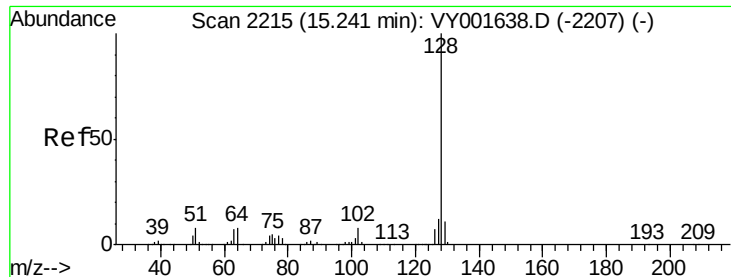
MMDadoda
3/4/2020 2:02:14 PM



#94
Hexachlorobutadiene
Concen: 49.074 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58176		
223	63.9	31.4	94.0	
227	62.7	31.6	94.8	





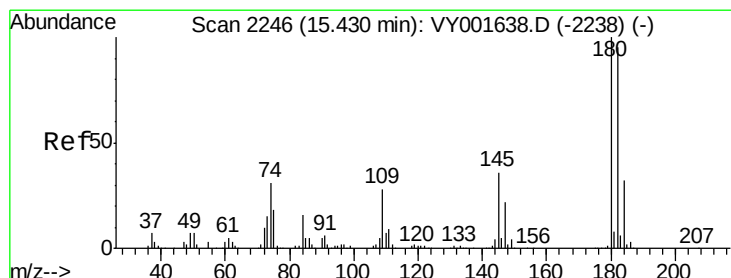
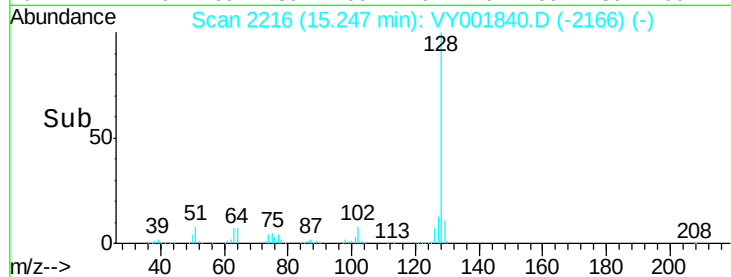
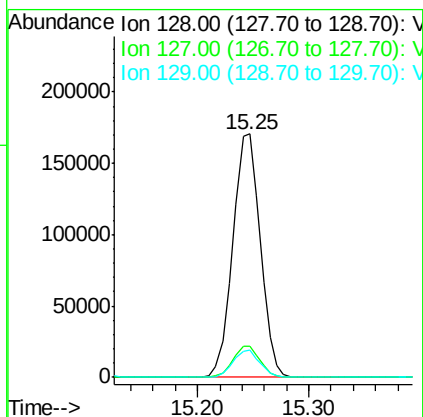
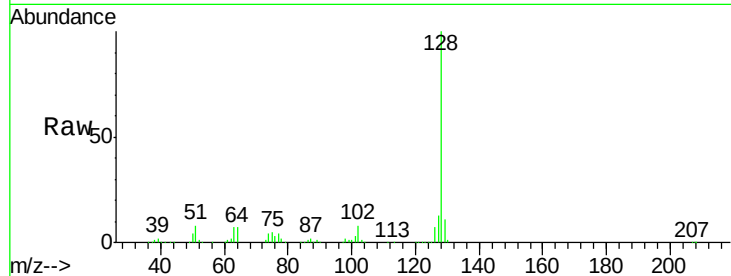
#95
Naphthalene
Concen: 52.929 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	290907		
127	12.5		9.9	14.9
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/4/2020 2:02:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.954 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106856		
182	95.5		47.2	141.6
145	34.1		17.3	52.0

