

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002843.D
 Acq On : 05 Jun 2020 12:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:03 AM

Quant Time: Jun 06 08:04:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	317705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	472494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	436158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	229303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	133234	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	7.72	113	139364	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.18	98	537325	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.48	95	187705	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	98659	45.131	ug/l	96
3) Chloromethane	2.12	50	110297	45.615	ug/l	100
4) Vinyl Chloride	2.26	62	126165	49.365	ug/l	100
5) Bromomethane	2.65	94	86888	45.366	ug/l	96
6) Chloroethane	2.80	64	78370	47.302	ug/l	99
7) Trichlorofluoromethane	3.13	101	216568	47.845	ug/l	99
8) Diethyl Ether	3.54	74	79788	45.143	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	133756	49.769	ug/l	99
10) Methyl Iodide	4.10	142	184591	49.086	ug/l	99
11) Tert butyl alcohol	4.97	59	69957	235.196	ug/l	99
12) 1,1-Dichloroethene	3.88	96	130626	48.330	ug/l	95
13) Acrolein	3.74	56	83932	259.633	ug/l	100
14) Allyl chloride	4.49	41	193743	49.980	ug/l	99
15) Acrylonitrile	5.18	53	196501	246.439	ug/l	100
16) Acetone	3.96	43	194255	300.310	ug/l	97
17) Carbon Disulfide	4.20	76	367747	45.027	ug/l	99
18) Methyl Acetate	4.49	43	82119	50.606	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	365722	49.015	ug/l	100
20) Methylene Chloride	4.72	84	152459	48.230	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	146786	48.292	ug/l	99
22) Diisopropyl ether	6.13	45	400871	49.765	ug/l	98
23) Vinyl Acetate	6.07	43	1359018	255.534	ug/l	99
24) 1,1-Dichloroethane	6.02	63	236458	50.180	ug/l	99
25) 2-Butanone	6.99	43	259968	257.959	ug/l	100
26) 2,2-Dichloropropane	6.99	77	218221	48.287	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	163717	48.115	ug/l	99
28) Bromochloromethane	7.34	49	102776	53.130	ug/l	99
29) Tetrahydrofuran	7.35	42	160237	244.439	ug/l	100
30) Chloroform	7.51	83	246542	49.305	ug/l	99
31) Cyclohexane	7.79	56	213594	45.654	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	226654	48.643	ug/l	100
36) 1,1-Dichloropropene	7.93	75	188744	47.421	ug/l	99
37) Ethyl Acetate	7.08	43	107507	49.645	ug/l	99
38) Carbon Tetrachloride	7.91	117	211389	47.809	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	248622	47.390	ug/l	99
40) Benzene	8.16	78	564672	48.014	ug/l	99
41) Methacrylonitrile	7.33	41	57665m	49.567	ug/l	
42) 1,2-Dichloroethane	8.24	62	155934	47.311	ug/l	100
43) Isopropyl Acetate	8.28	43	202459	49.336	ug/l	100
44) Trichloroethene	8.94	130	175463	47.233	ug/l	99
45) 1,2-Dichloropropane	9.22	63	138423	49.081	ug/l	99
46) Dibromomethane	9.31	93	80744	48.207	ug/l	99
47) Bromodichloromethane	9.50	83	194680	49.303	ug/l	98
48) Methyl methacrylate	9.30	41	90829	49.030	ug/l	99
49) 1,4-Dioxane	9.30	88	24012	933.654	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	541277	249.093	ug/l	100
52) Toluene	10.24	92	371608	48.301	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	212573	49.288	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	240848	49.283	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	123223	48.053	ug/l	96
56) Ethyl methacrylate	10.51	69	170690	49.697	ug/l	99
57) 1,3-Dichloropropane	10.79	76	204021	48.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	420357	250.472	ug/l	99
59) 2-Hexanone	10.83	43	388978	252.289	ug/l	99
60) Dibromochloromethane	10.99	129	159022	48.914	ug/l	99
61) 1,2-Dibromoethane	11.09	107	123611	48.867	ug/l	99
64) Tetrachloroethene	10.72	164	179134	45.190	ug/l	99
65) Chlorobenzene	11.52	112	416427	48.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	158628	48.858	ug/l	99
67) Ethyl Benzene	11.60	91	724220	48.459	ug/l	98
68) m/p-Xylenes	11.70	106	560064	96.655	ug/l	100
69) o-Xylene	12.03	106	264975	48.440	ug/l	99
70) Styrene	12.05	104	462387	48.761	ug/l	100
71) Bromoform	12.21	173	108226	49.817	ug/l #	100
73) Isopropylbenzene	12.33	105	724802	49.324	ug/l	99
74) N-amyl acetate	12.14	43	190740	50.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	137244	53.231	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	106678m	51.631	ug/l	
77) Bromobenzene	12.61	156	185916	48.589	ug/l	100
78) n-propylbenzene	12.67	91	836111	49.258	ug/l	100
79) 2-Chlorotoluene	12.75	91	465798	48.920	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	605737	49.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56124	51.176	ug/l	98
82) 4-Chlorotoluene	12.86	91	487950	48.913	ug/l	100
83) tert-Butylbenzene	13.08	119	541063	49.437	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	613299	49.712	ug/l	99
85) sec-Butylbenzene	13.25	105	735488	49.149	ug/l	100
86) p-Isopropyltoluene	13.37	119	691086	49.631	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	357843	49.373	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	354320	48.870	ug/l	100
89) n-Butylbenzene	13.70	91	629241	49.774	ug/l	100
90) Hexachloroethane	13.96	117	131191	50.327	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	323913	49.279	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24890	50.178	ug/l	97

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VSTDCCC050

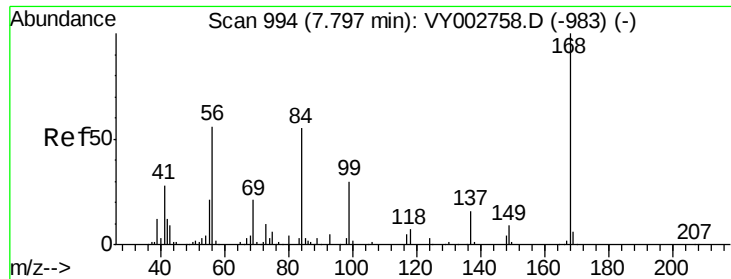
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	242692	48.985	ug/l	99
94) Hexachlorobutadiene	15.11	225	140733	50.082	ug/l	98
95) Naphthalene	15.23	128	490328	49.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	216328	48.896	ug/l	100

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



#1

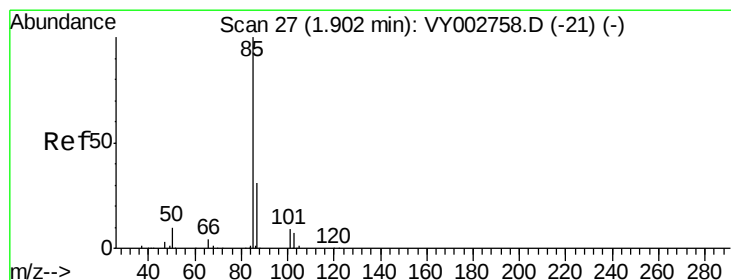
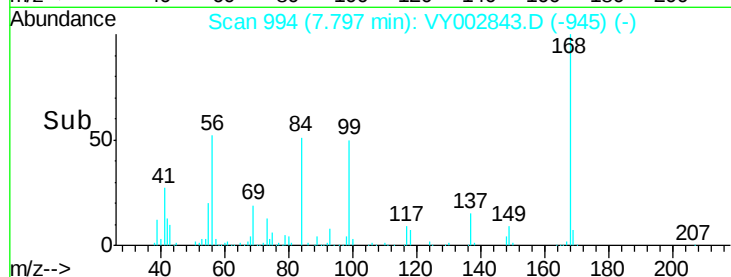
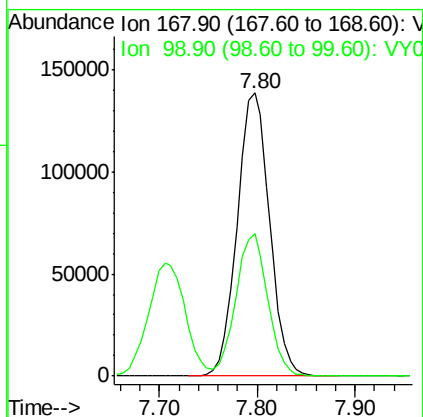
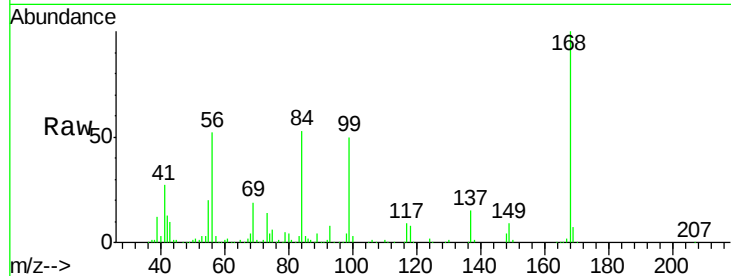
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.2	39.0	58.4

Manual Integrations
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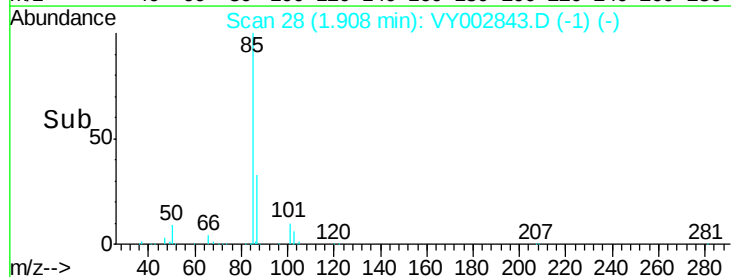
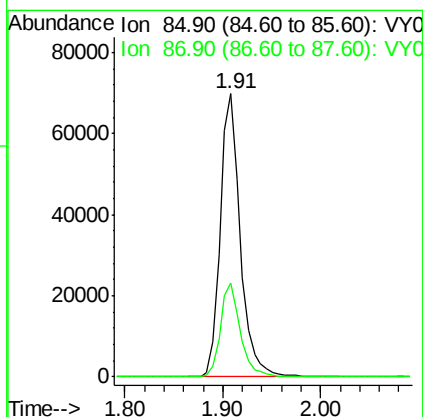
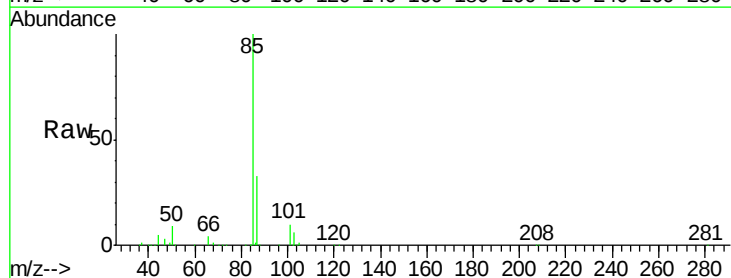
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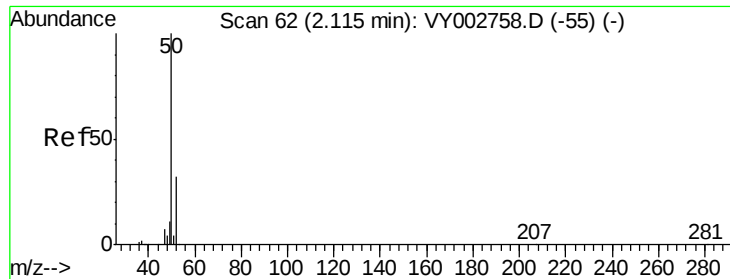


#2

Dichlorodifluoromethane
 Concen: 45.131 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	15.5	46.5





#3

Chloromethane

Concen: 45.615 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 110297

Ion Ratio Lower Upper

50 100

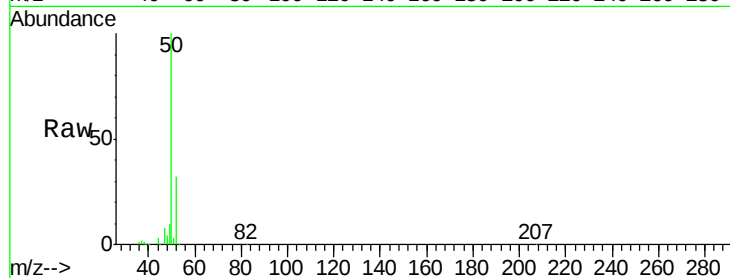
52 32.3 25.8 38.6

Manual Integrations

APPROVED

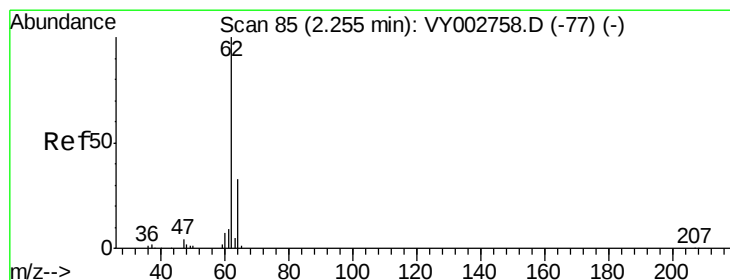
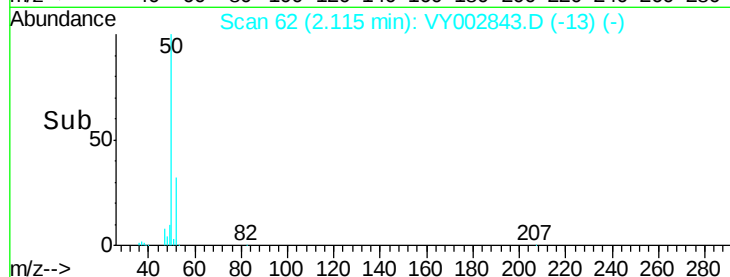
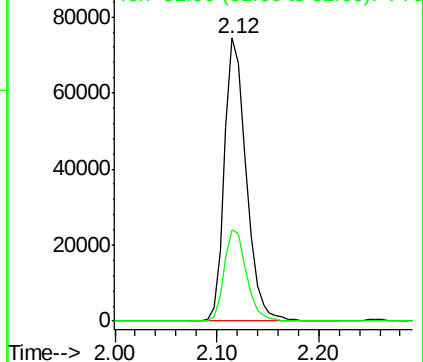
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.365 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002843.D

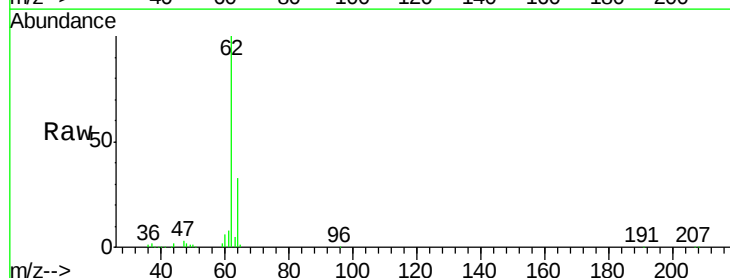
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Tgt Ion: 62 Resp: 126165

Ion Ratio Lower Upper

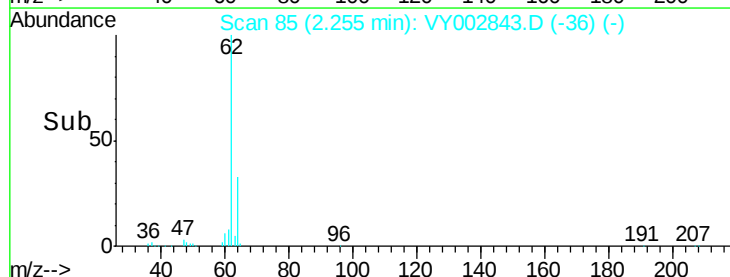
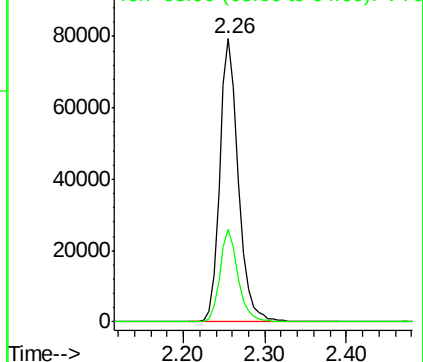
62 100

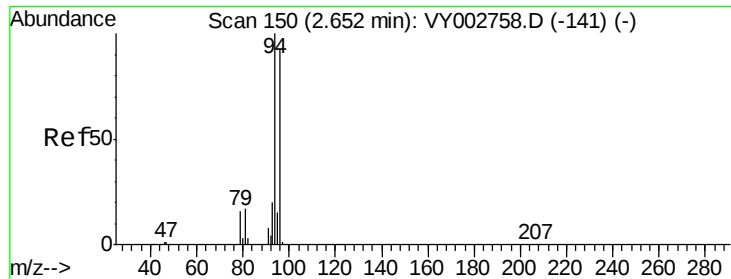
64 32.8 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 45.366 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 86888

Ion Ratio Lower Upper

94 100

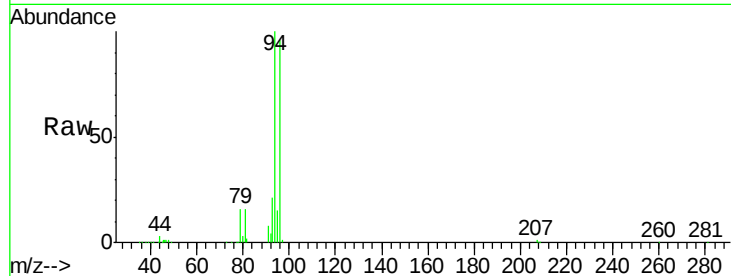
96 96.3 73.7 110.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

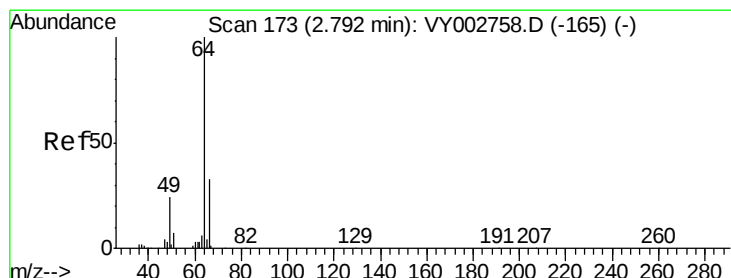
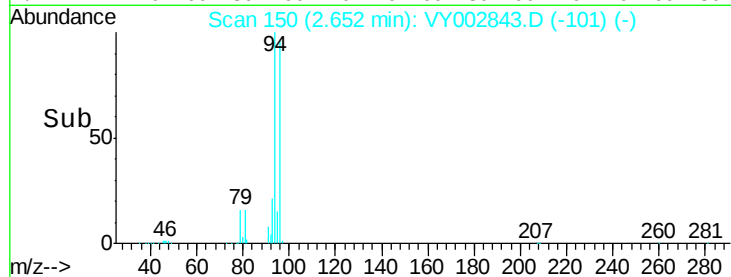
20000

10000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 47.302 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002843.D

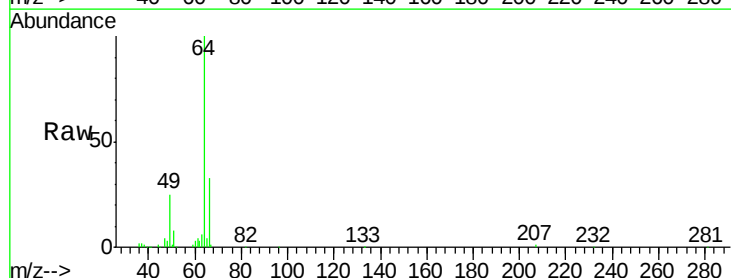
Acq: 05 Jun 2020 12:42

Tgt Ion: 64 Resp: 78370

Ion Ratio Lower Upper

64 100

66 32.6 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

40000

30000

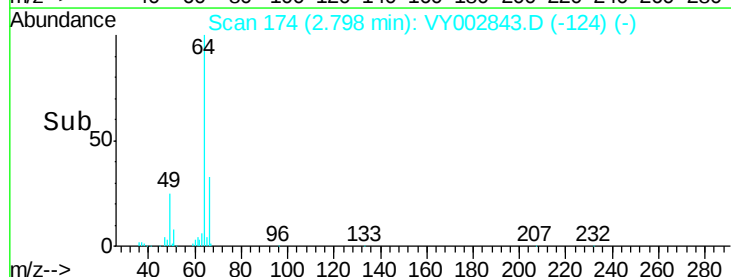
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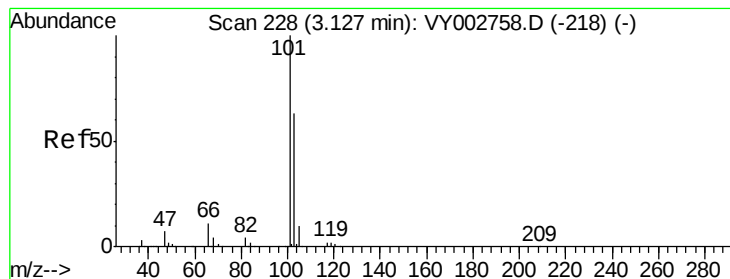
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Time-->

2.70 2.80 2.90





#7

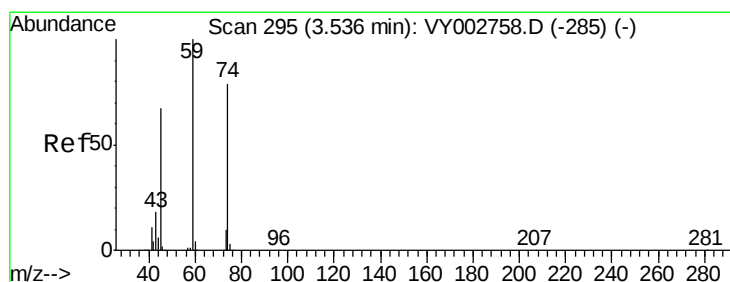
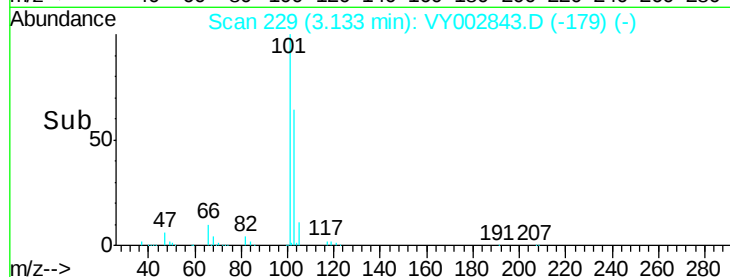
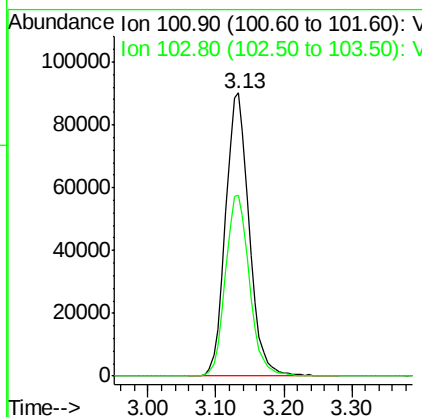
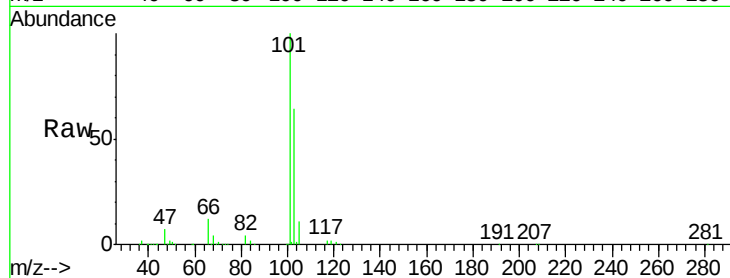
Trichlorofluoromethane
Concen: 47.845 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	216568		
103	64.1	50.6	50.6	76.0

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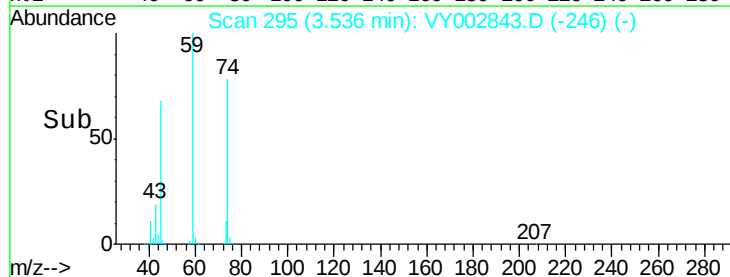
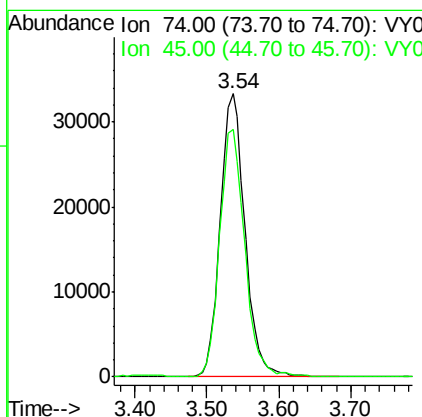
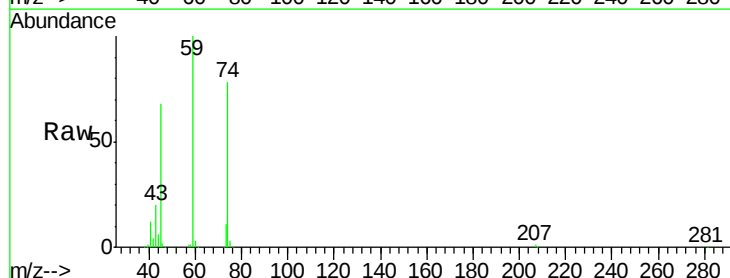
MMDadoda
6/8/2020 11:28:03 AM

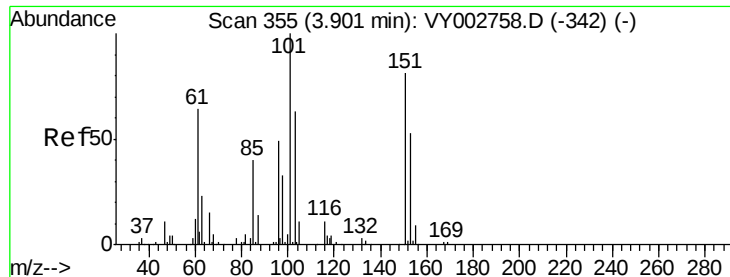


#8

Diethyl Ether
Concen: 45.143 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	79788		
45	88.9	44.0	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.769 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

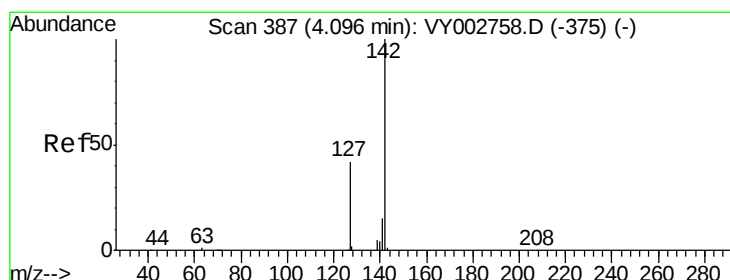
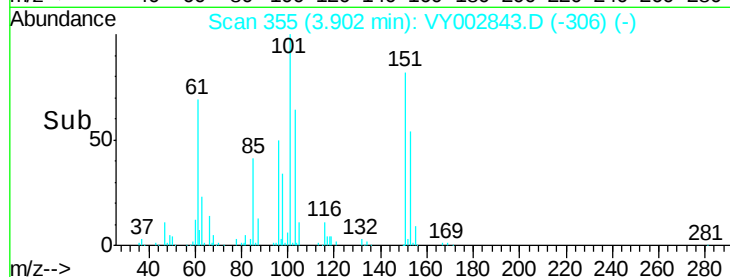
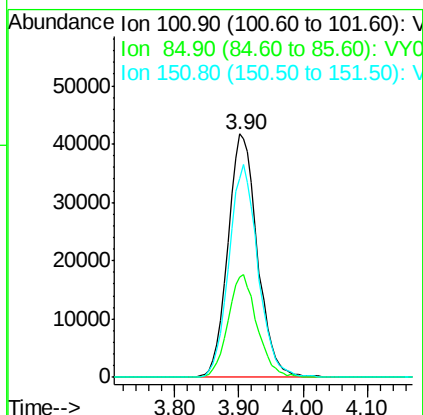
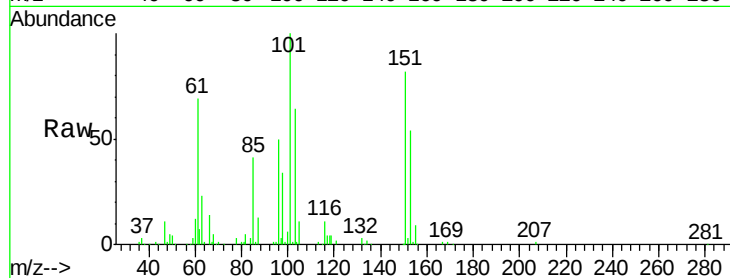
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	133756
Ion Ratio	Lower	Upper	
101	100		
85	41.6	32.7	49.1
151	86.2	68.0	102.0

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#10

Methyl Iodide

Concen: 49.086 ug/l

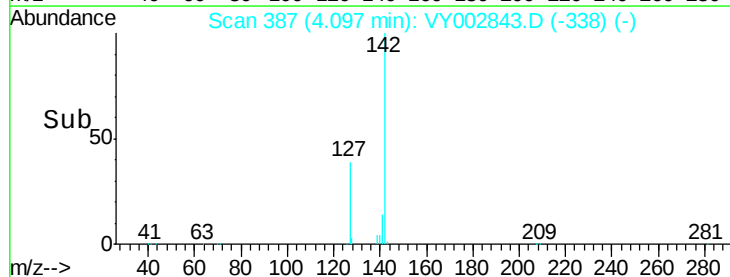
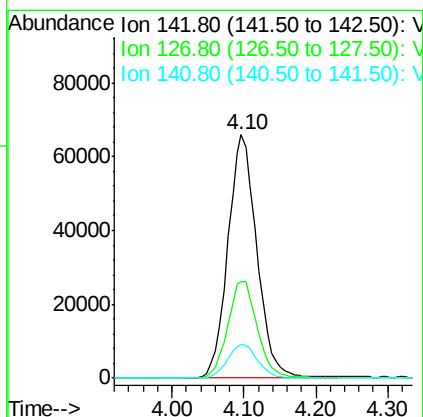
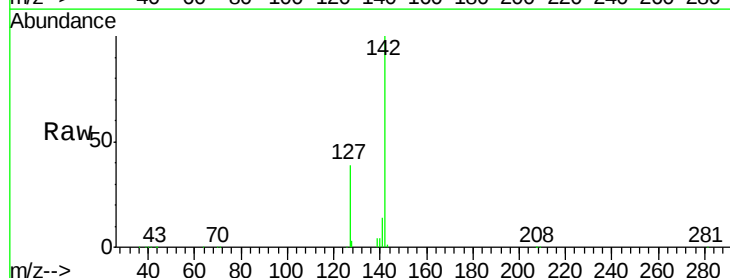
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Tgt Ion:	142	Resp:	184591
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.3	49.9
141	14.3	11.5	17.3





#11

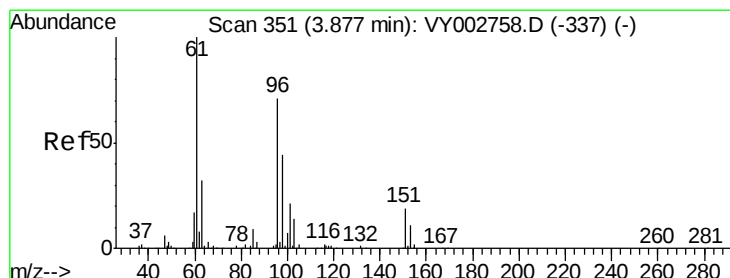
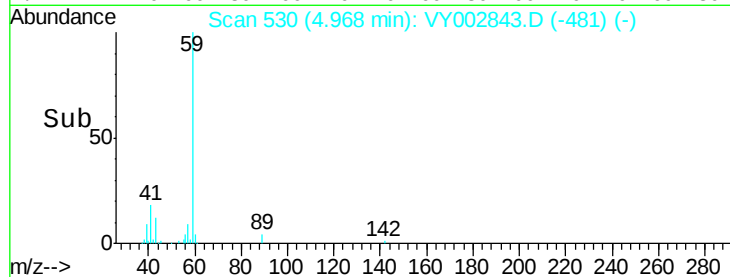
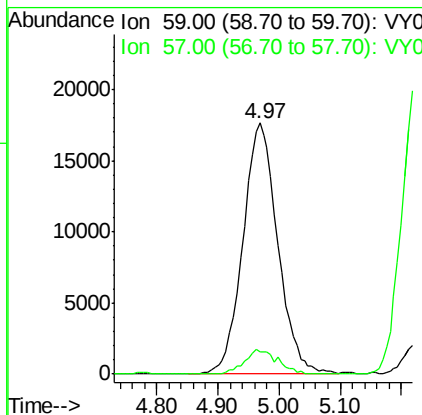
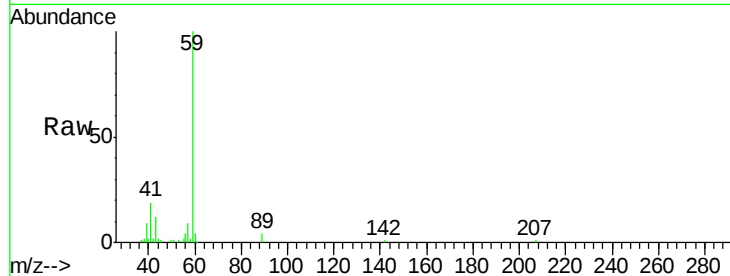
Tert butyl alcohol
 Concen: 235.196 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.7	11.5

Manual Integrations
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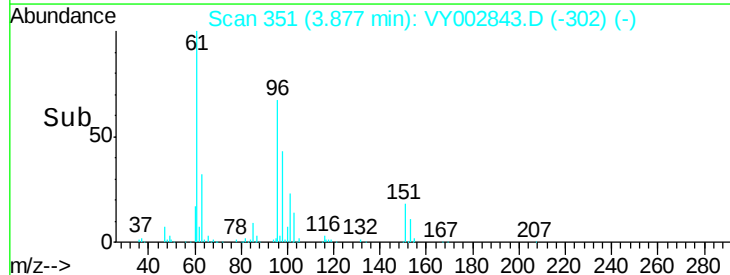
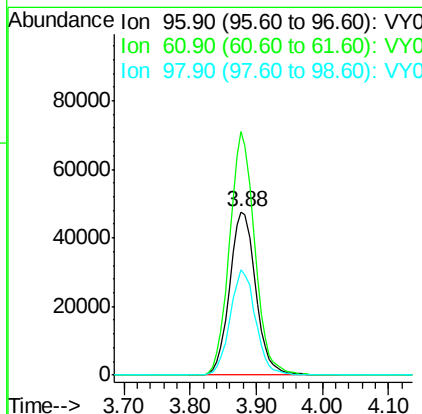
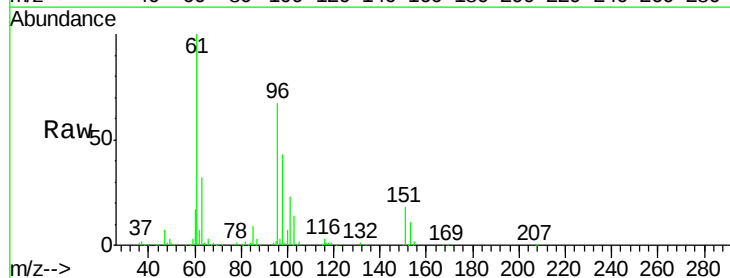
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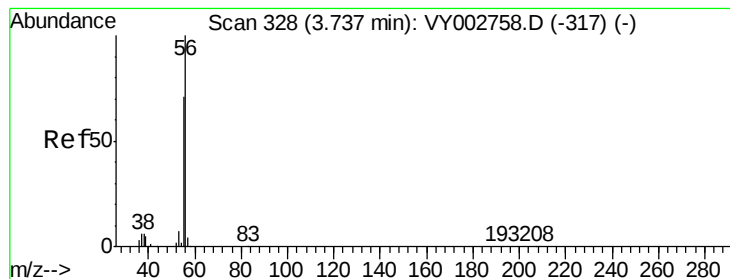


#12

1,1-Dichloroethene
 Concen: 48.330 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.9	112.6	168.8
98	64.4	50.0	75.0





#13

Acrolein

Concen: 259.633 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 83932

Ion Ratio Lower Upper

56 100

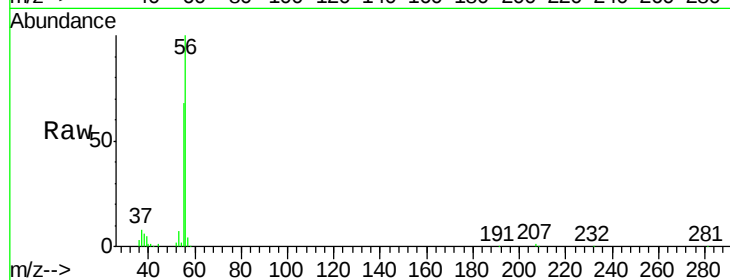
55 69.9 56.0 84.0

Manual Integrations

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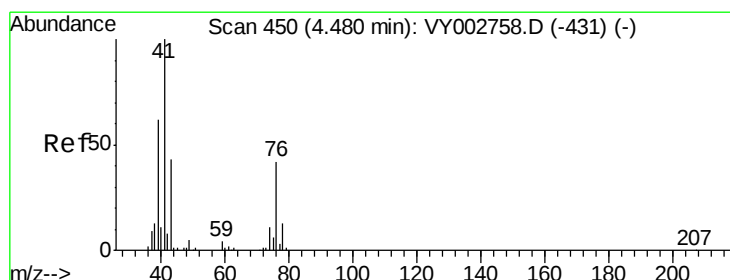
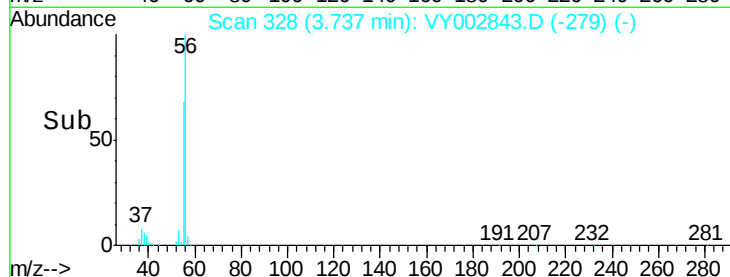
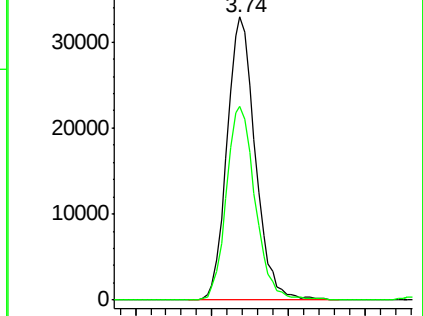
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 49.980 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

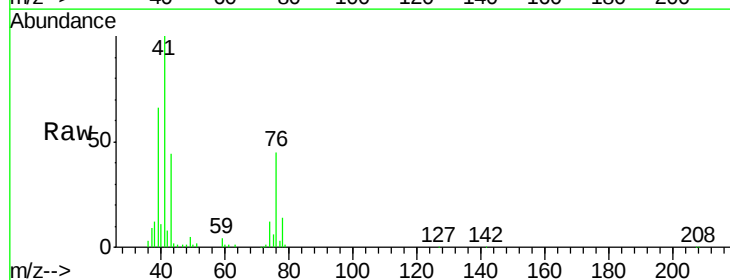
Tgt Ion: 41 Resp: 193743

Ion Ratio Lower Upper

41 100

39 61.3 49.9 74.9

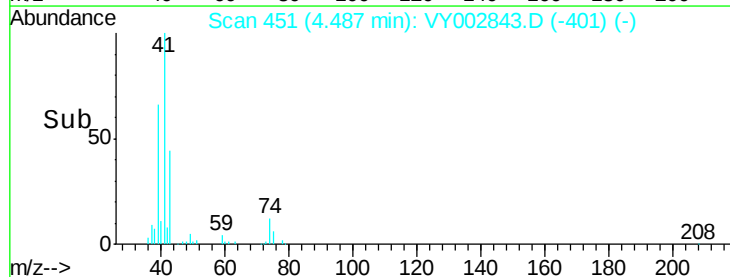
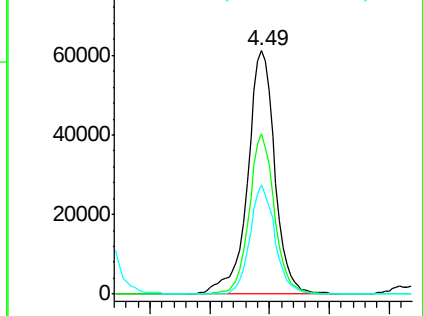
76 41.1 33.2 49.8

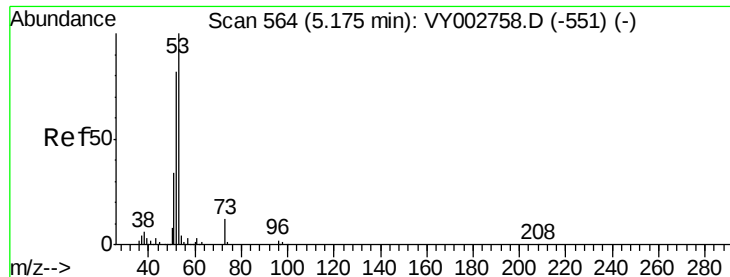


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 246.439 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

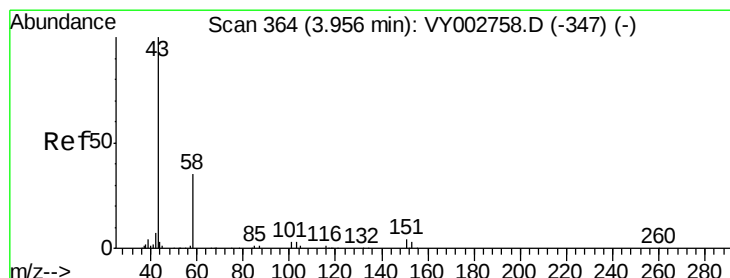
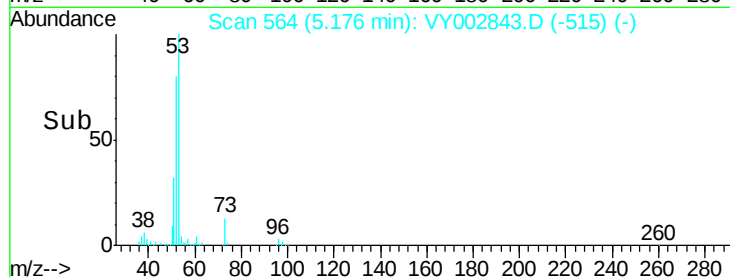
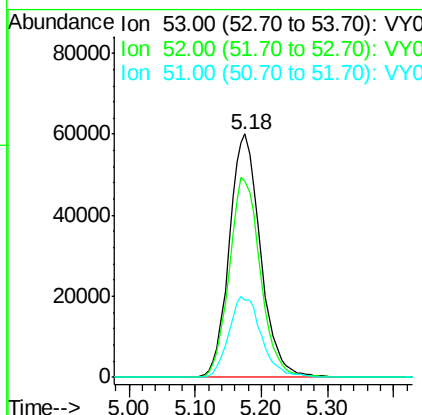
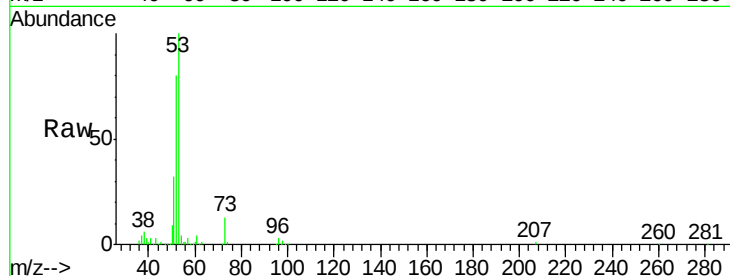
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	196501
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.3	97.9
51	35.0	28.0	42.0

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#16

Acetone

Concen: 300.310 ug/l

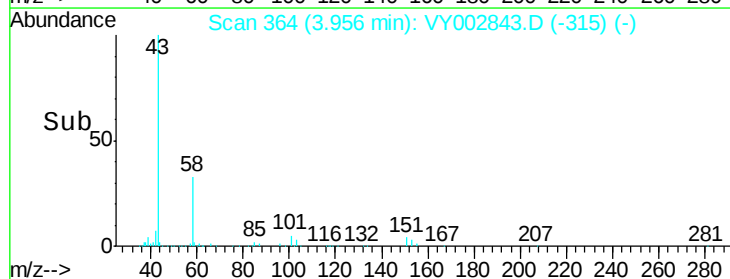
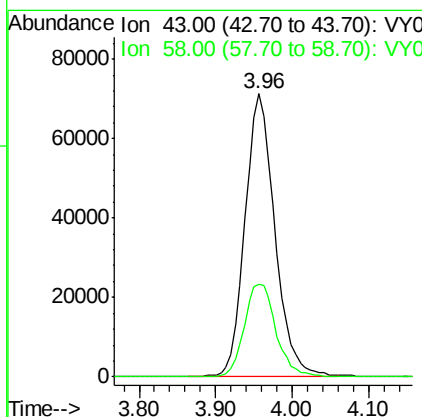
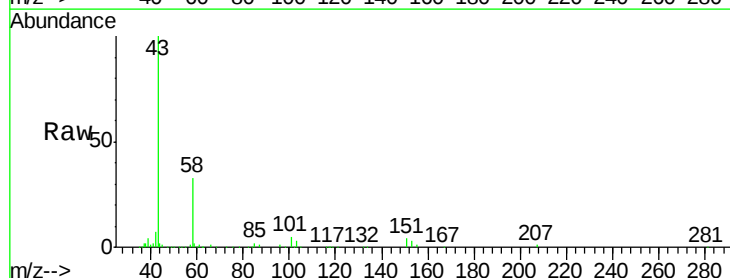
RT: 3.96 min Scan# 364

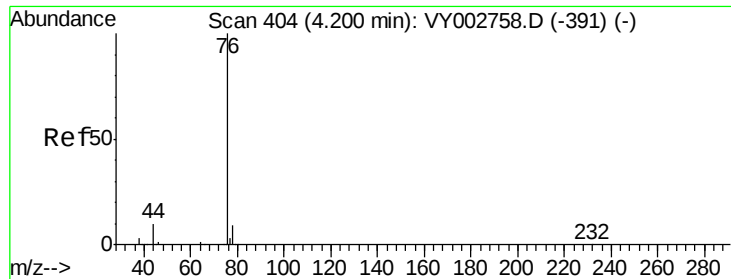
Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Tgt Ion:	43	Resp:	194255
Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.7	41.5





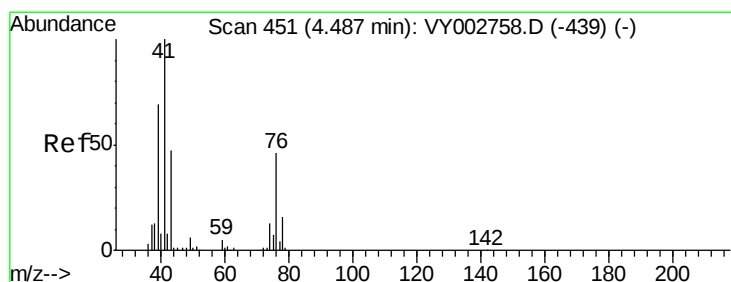
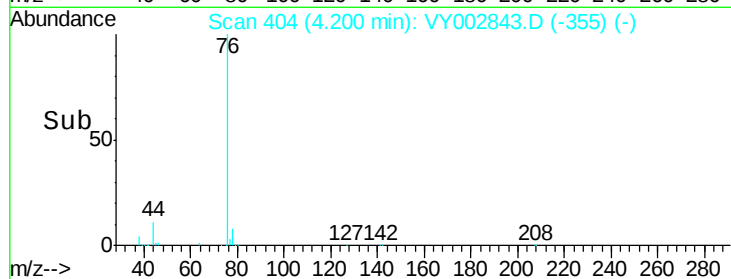
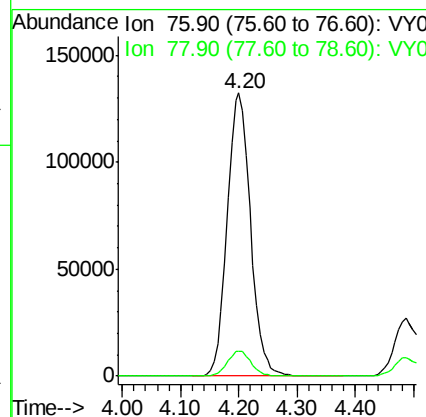
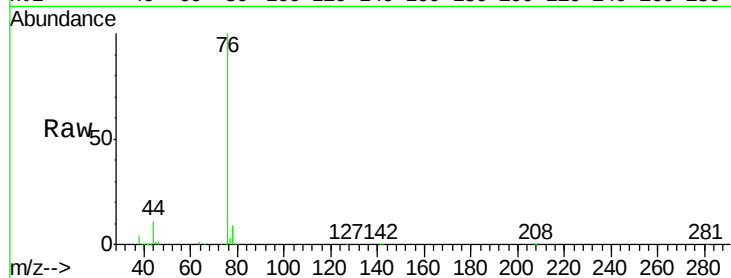
#17
Carbon Disulfide
Concen: 45.027 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.9	10.3

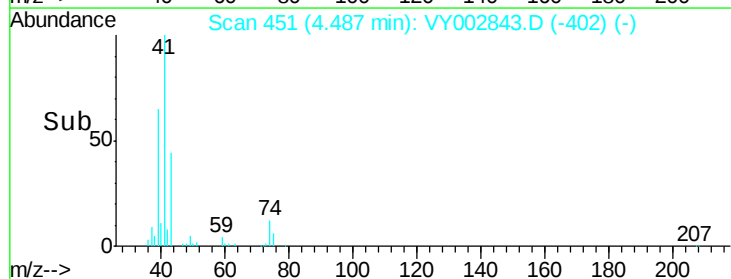
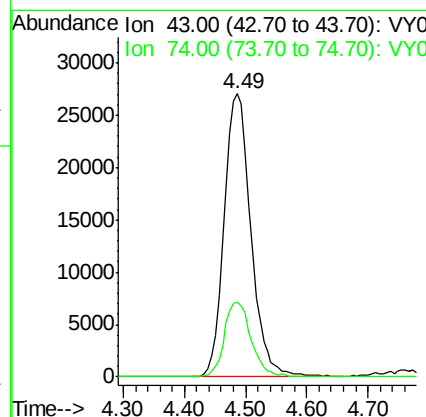
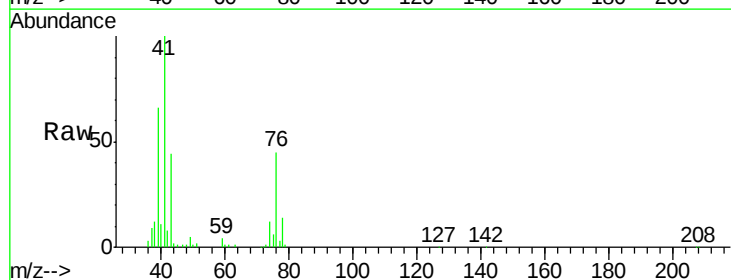
Manual Integrations
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#18
Methyl Acetate
Concen: 50.606 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	21.4	32.0





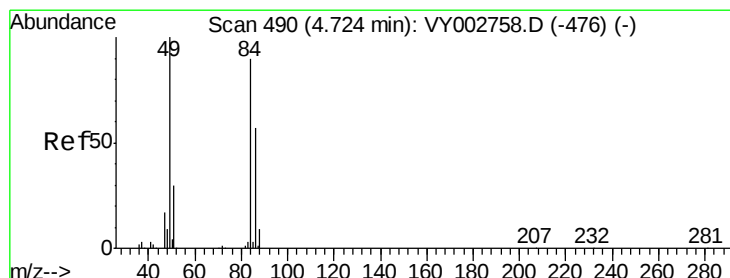
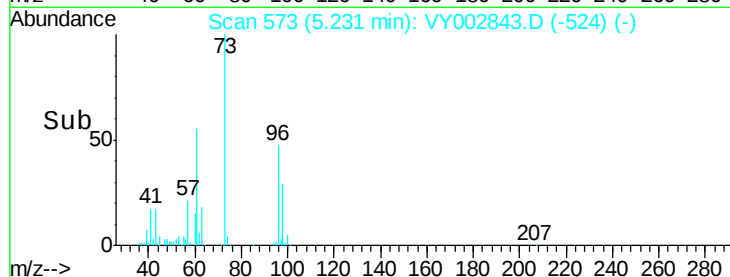
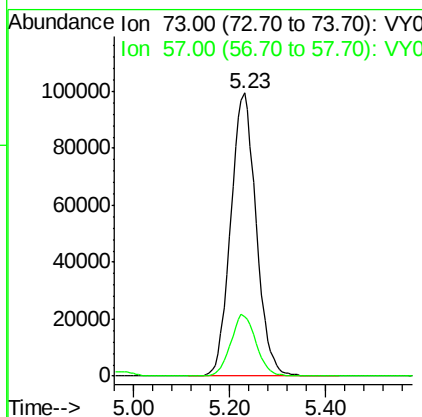
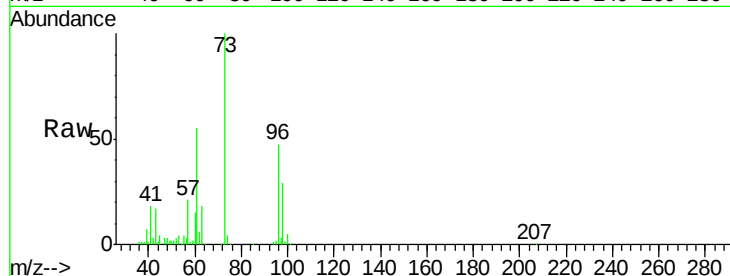
#19
Methvl tert-butvl Ether
Concen: 49.015 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 365722
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

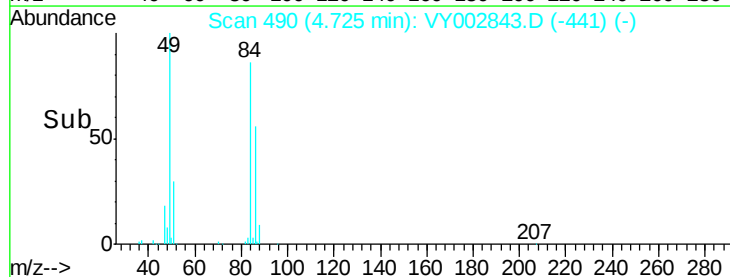
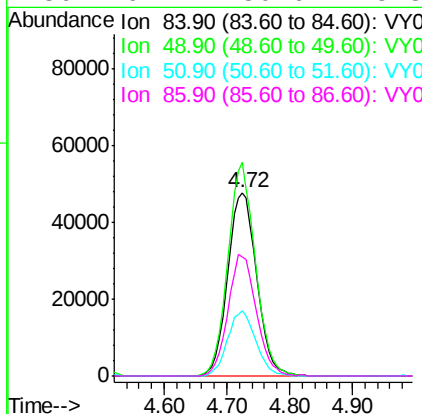
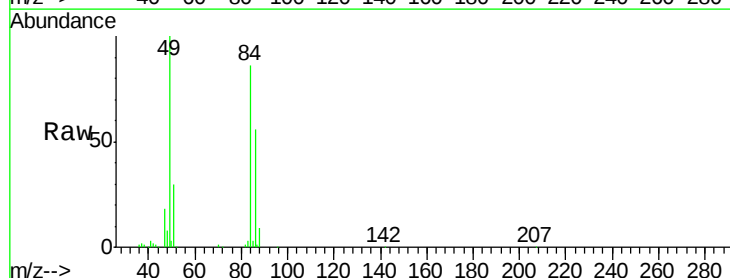
Manual Integrations
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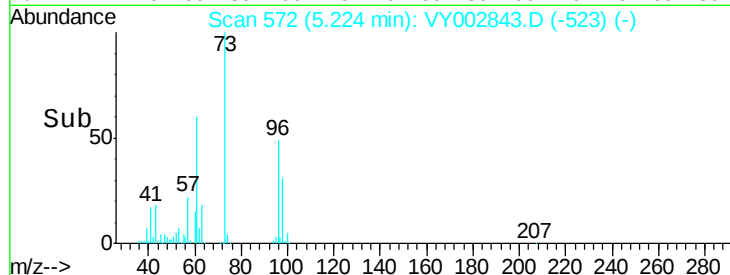
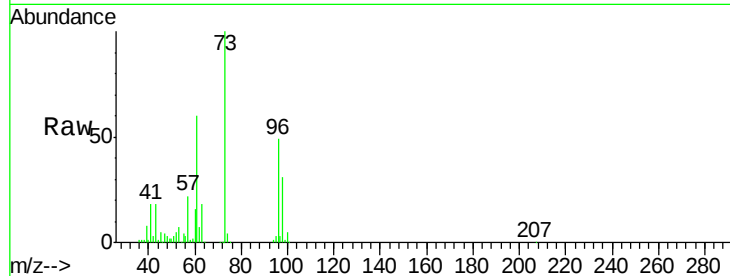
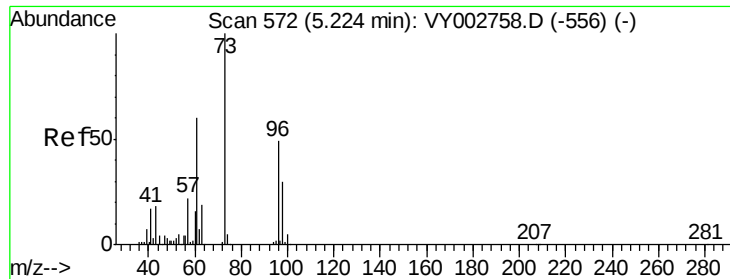
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#20
Methylene Chloride
Concen: 48.230 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 84 Resp: 152459
Ion Ratio Lower Upper
84 100
49 116.4 88.5 132.7
51 35.4 26.8 40.2
86 64.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.292 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Tot Ion:	96	Resp:	146786
Ion	Ratio	Lower	Upper
96	100		
61	122.7	96.8	145.2
98	62.2	49.4	74.0

Instrument :

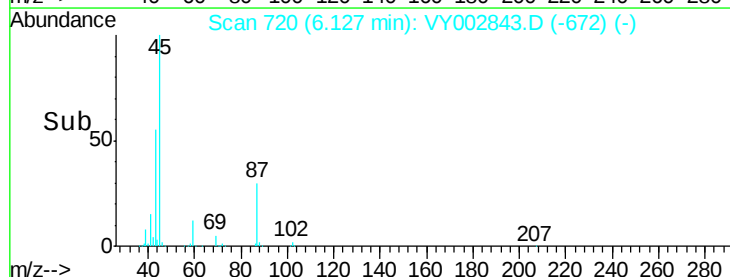
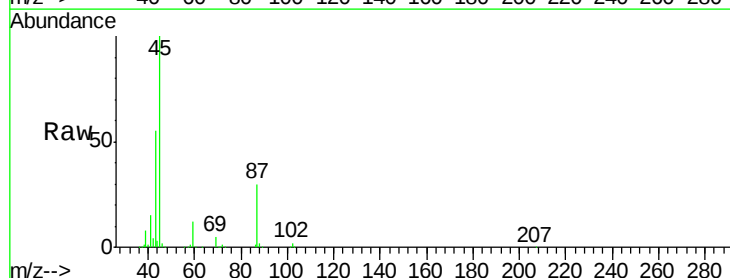
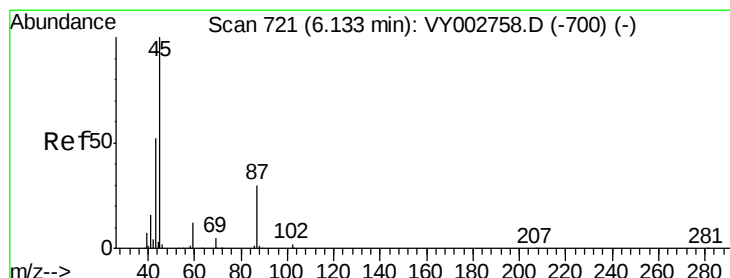
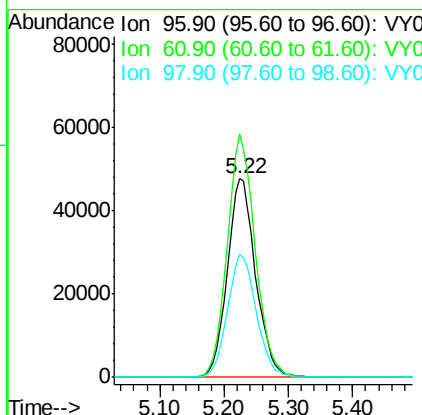
MSVOA_Y

ClientSampleId :

VSTDCCC050

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#22

Diisopropyl ether

Concen: 49.765 ug/l

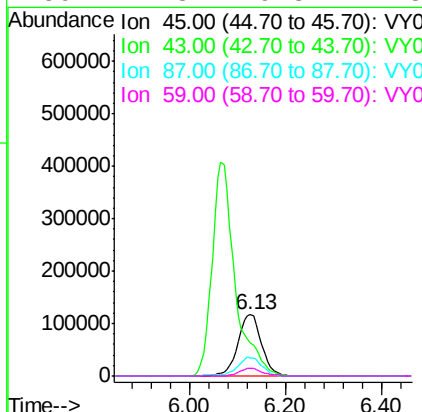
RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Tgt Ion:	45	Resp:	400871
Ion	Ratio	Lower	Upper
45	100		
43	54.6	41.7	62.5
87	30.2	24.2	36.2
59	12.3	9.8	14.8





#23

Vinyl Acetate

Concen: 255.534 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1359018

Ion Ratio Lower Upper

43 100

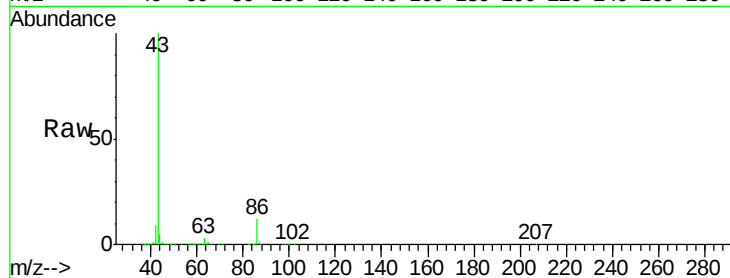
86 12.3 10.2 15.2

Manual Integrations

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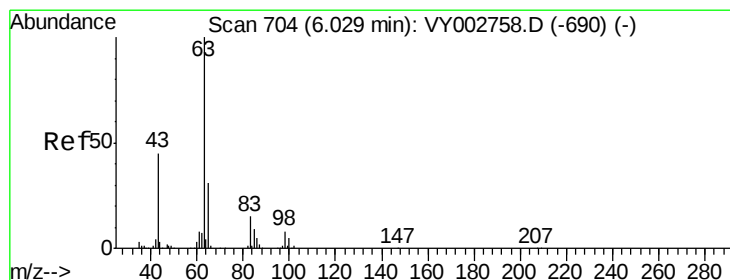
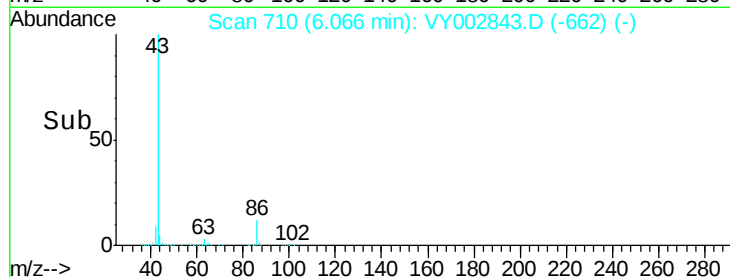
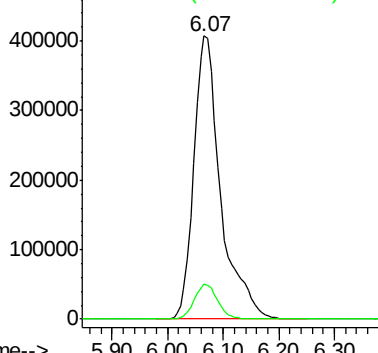
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.180 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

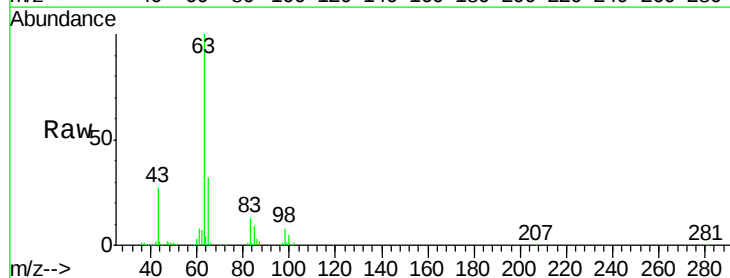
Tgt Ion: 63 Resp: 236458

Ion Ratio Lower Upper

63 100

98 8.2 4.0 12.2

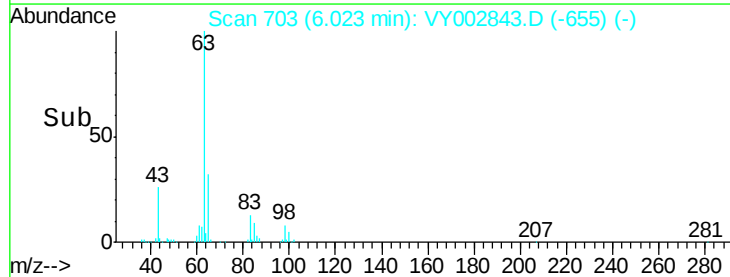
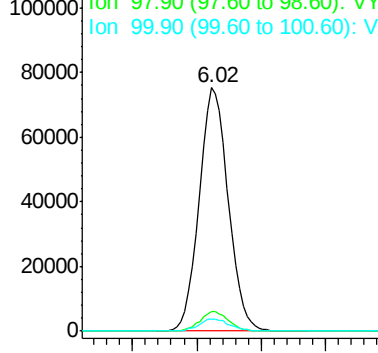
100 5.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 257.959 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 259968

Ion Ratio Lower Upper

43 100

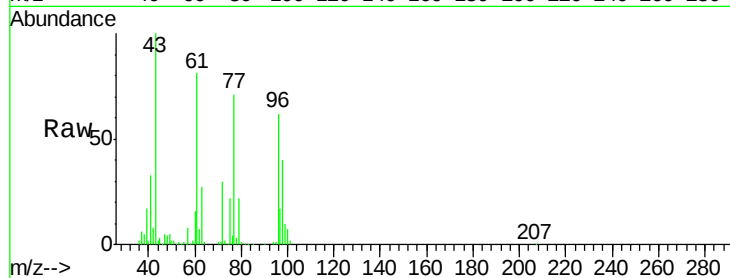
72 30.1 23.9 35.9

Manual Integrations

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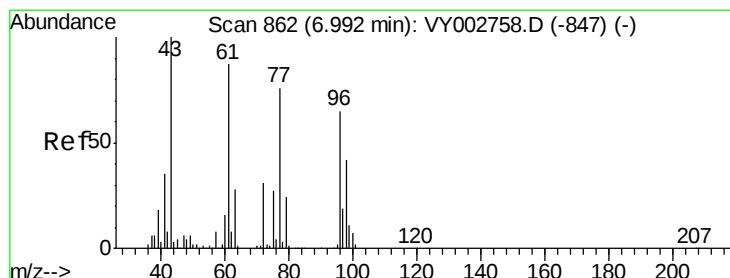
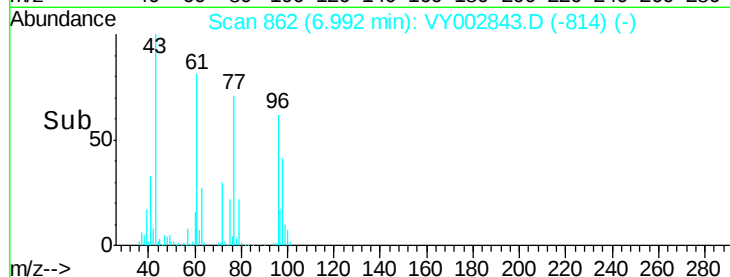
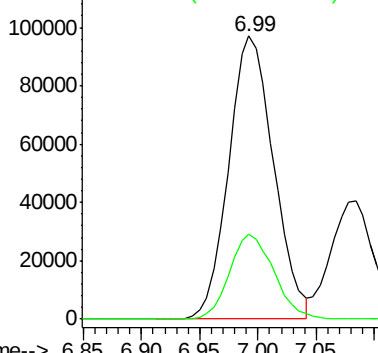
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 48.287 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002843.D

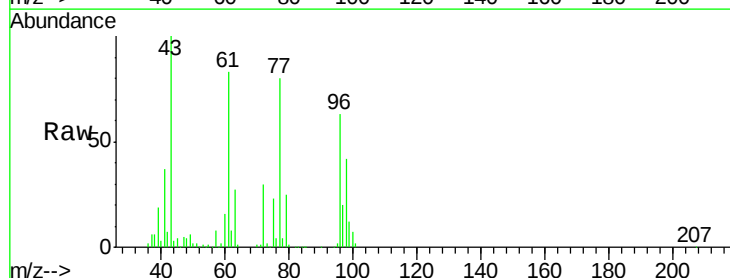
Acq: 05 Jun 2020 12:42

Tgt Ion: 77 Resp: 218221

Ion Ratio Lower Upper

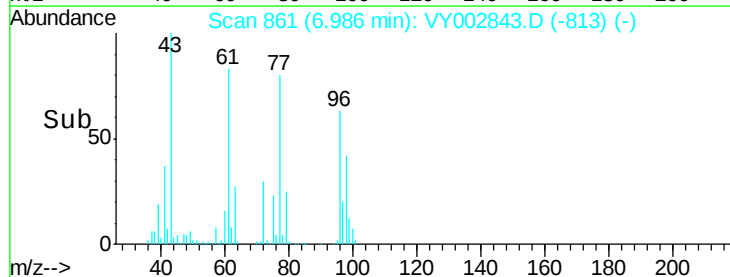
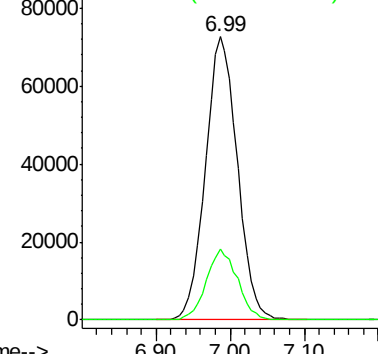
77 100

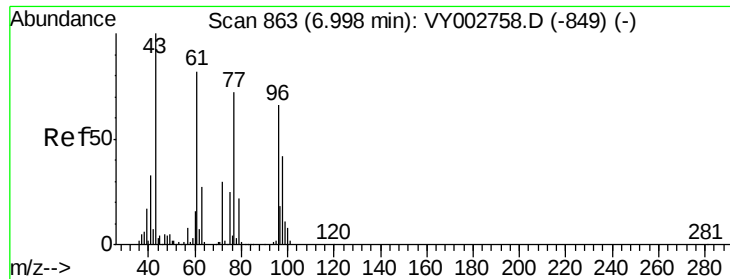
97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

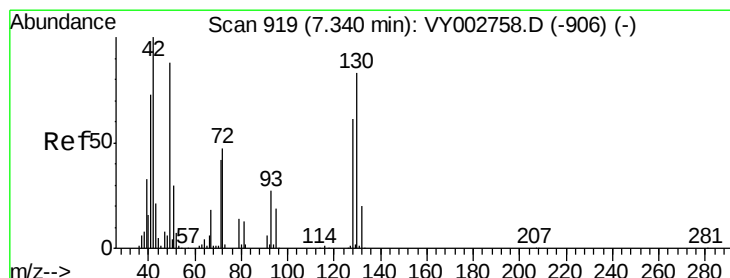
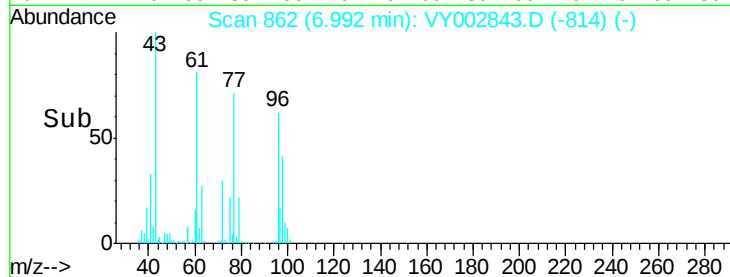
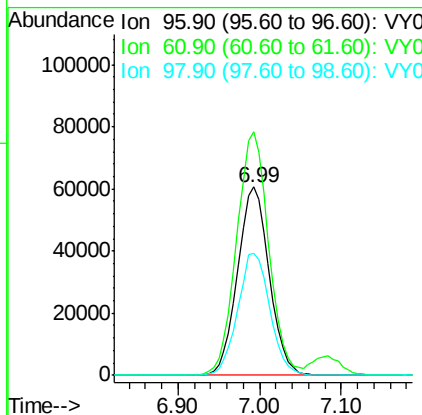
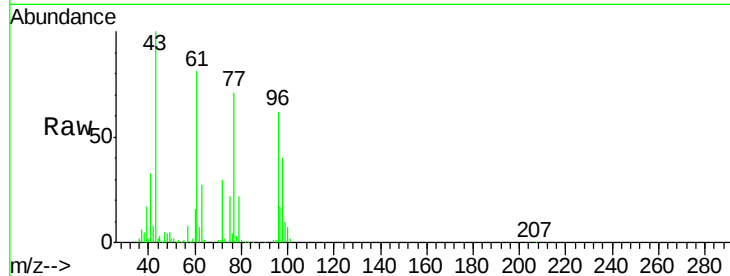
cis-1,2-Dichloroethene
 Concen: 48.115 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163717		
61	130.8	0.0	260.2	
98	65.6	0.0	128.2	

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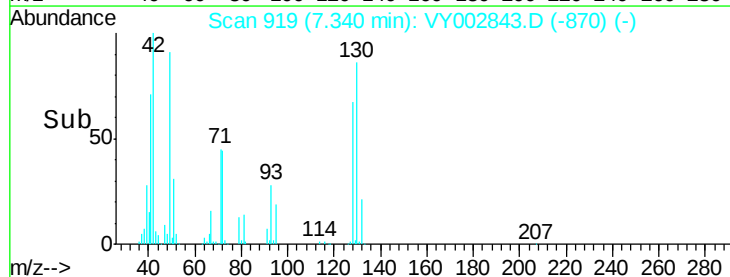
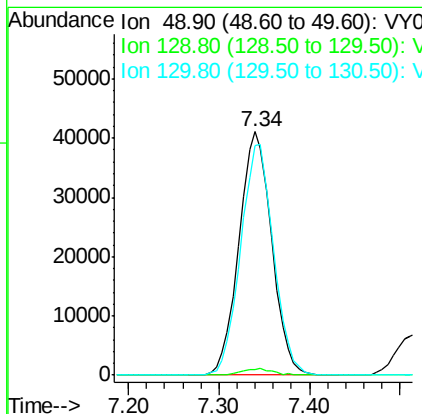
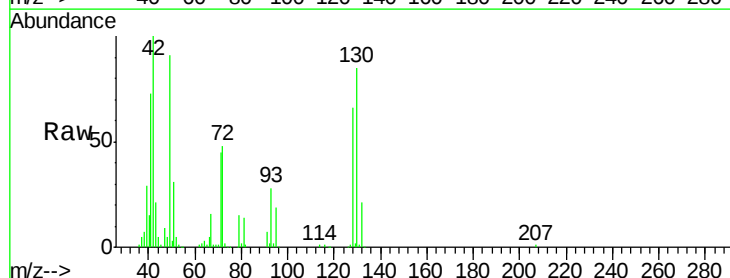
MMDadoda
 6/8/2020 11:28:03 AM

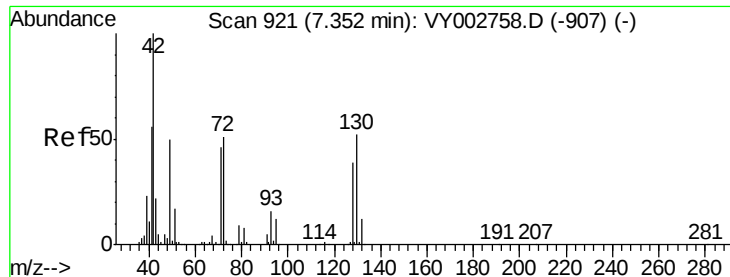


#28

Bromochloromethane
 Concen: 53.130 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	102776		
129	2.6	0.0	5.2	
130	95.4	77.1	115.7	





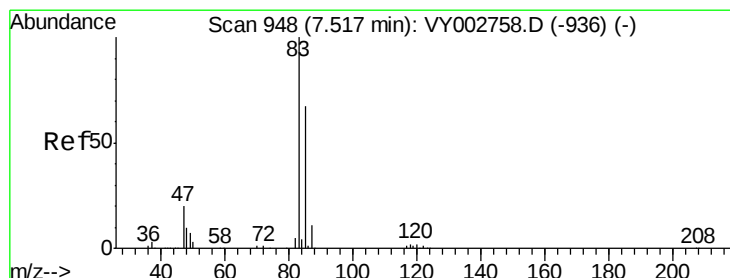
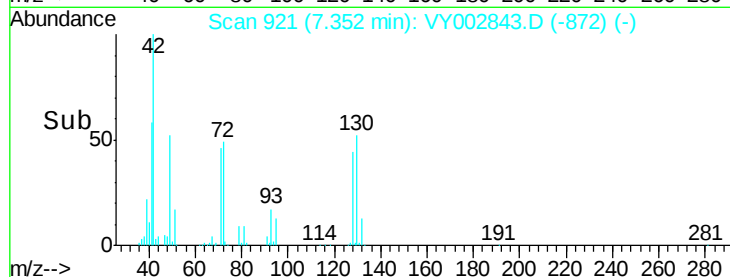
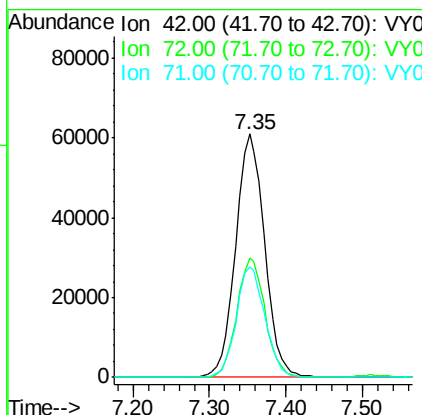
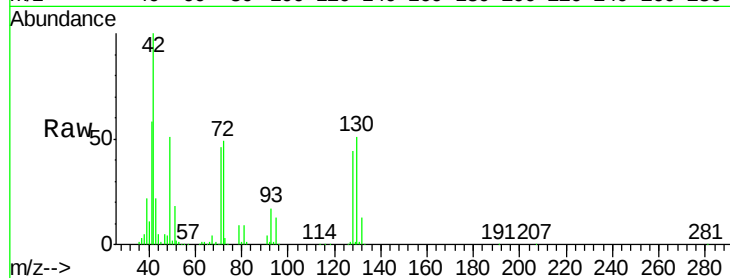
#29
Tetrahydrofuran
Concen: 244.439 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.6	58.0
71	44.9	35.8	53.8

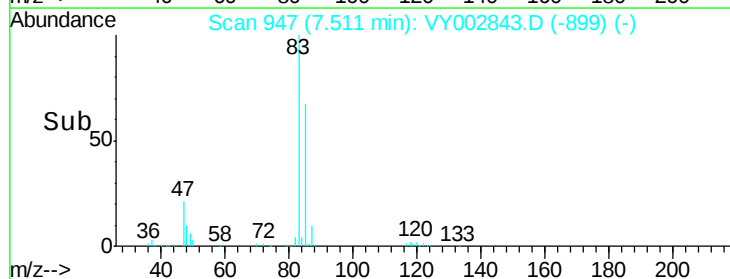
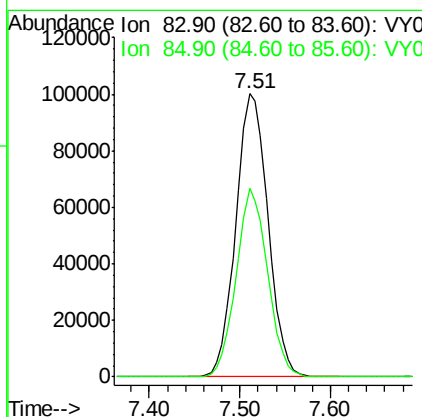
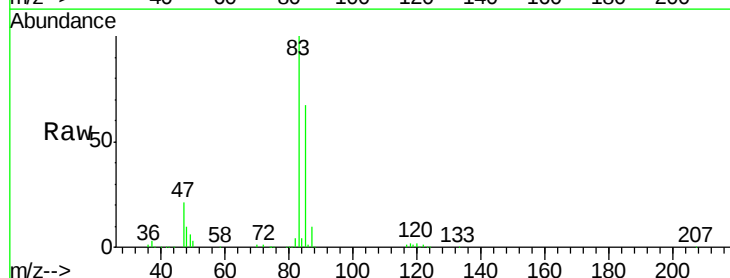
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#30
Chloroform
Concen: 49.305 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.8	80.8





#31

Cvclohexane

Concen: 45.654 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 213594

Ion Ratio Lower Upper

56 100

69 35.3 28.0 42.0

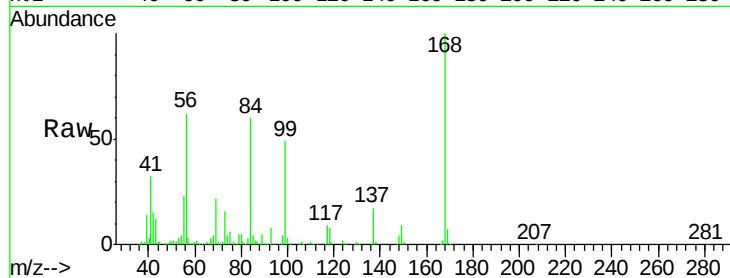
84 95.3 77.7 116.5

Manual Integrations

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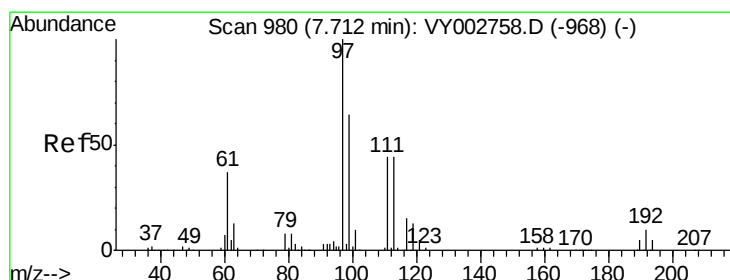
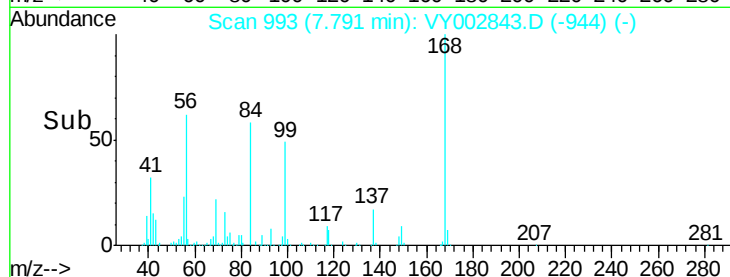
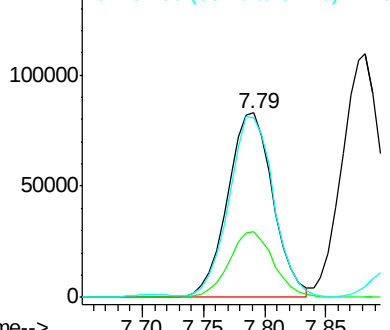
6/8/2020 11:28:03 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 48.643 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

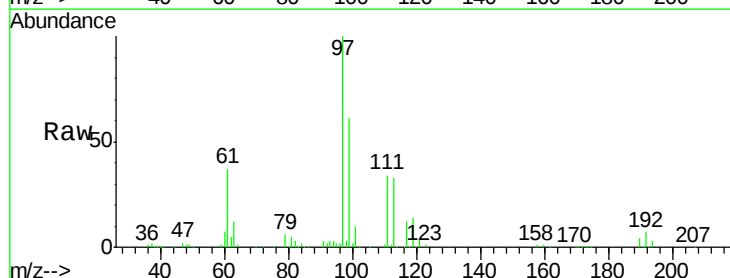
Tgt Ion: 97 Resp: 226654

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

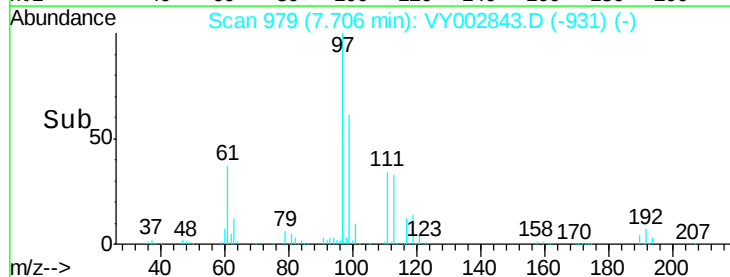
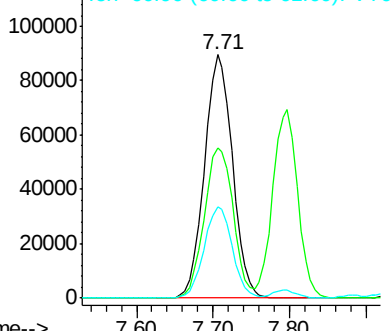
61 37.8 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





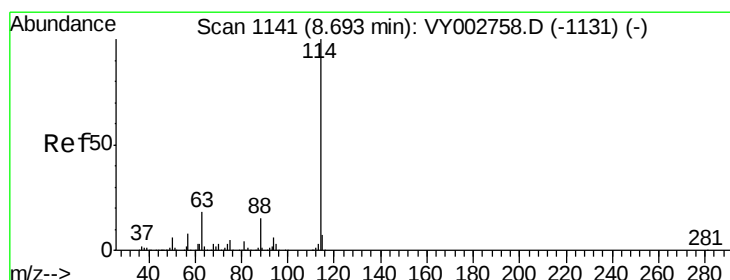
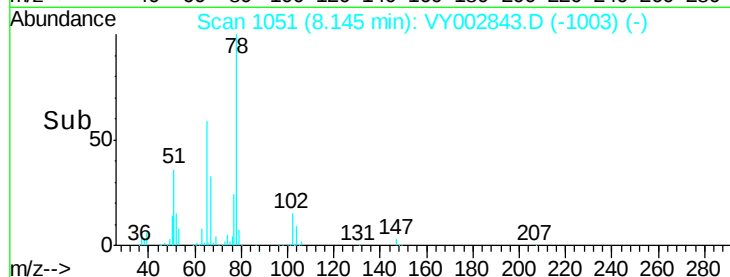
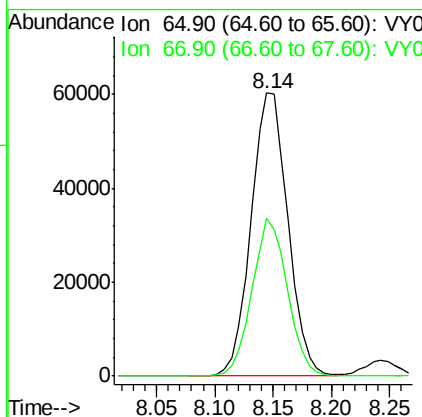
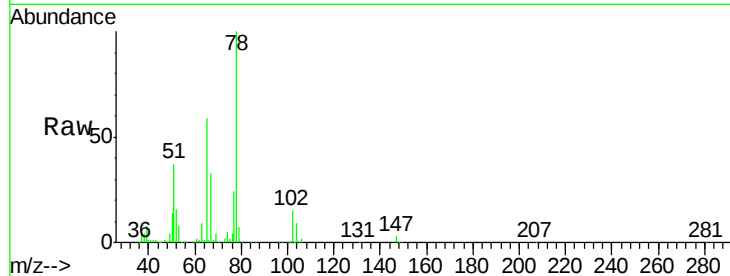
#33
 1,2-Dichloroethane-d4
 Concen: 48.298 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133234		
67	53.6	0.0	111.0	

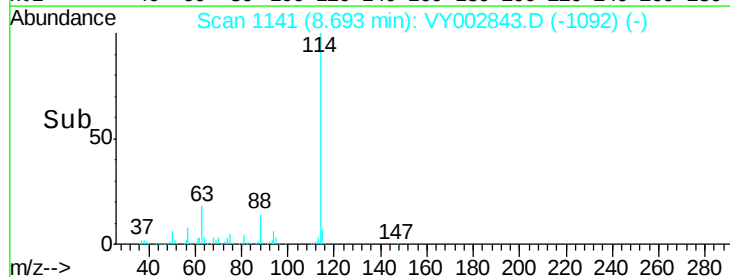
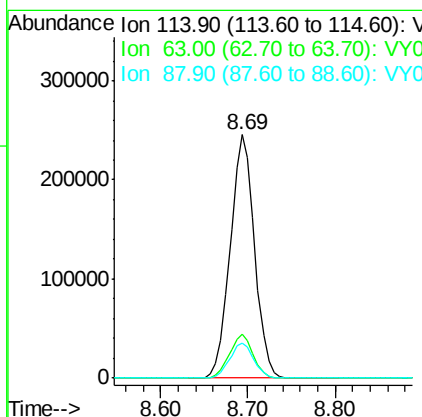
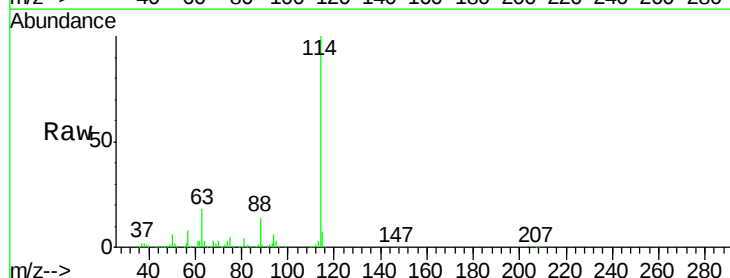
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	472494		
63	17.9	0.0	35.2	
88	14.5	0.0	29.2	





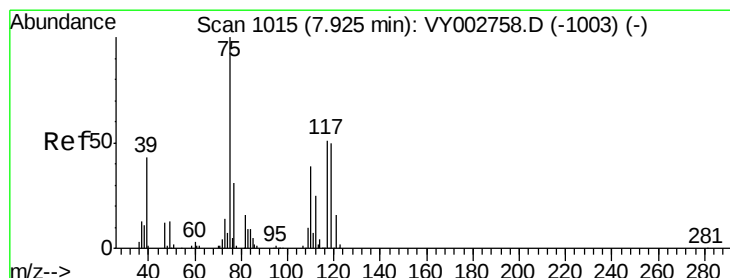
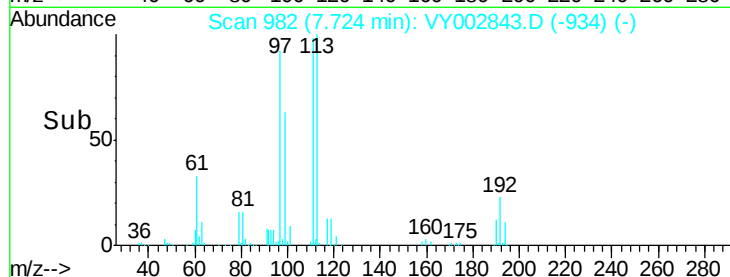
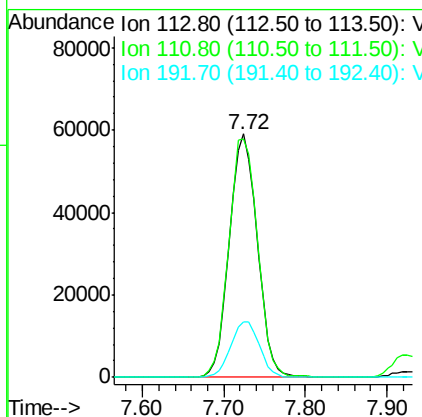
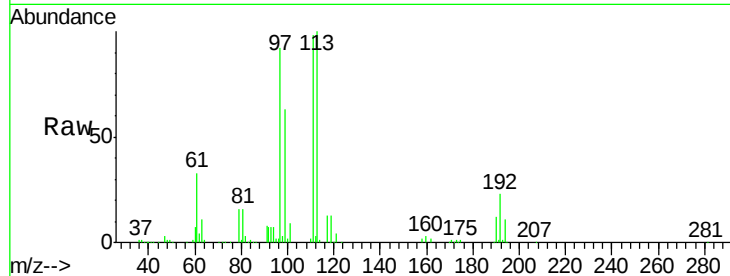
#35
 Dibromofluoromethane
 Concen: 50.329 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.4	82.0	123.0	
192	23.5	18.9	28.3	

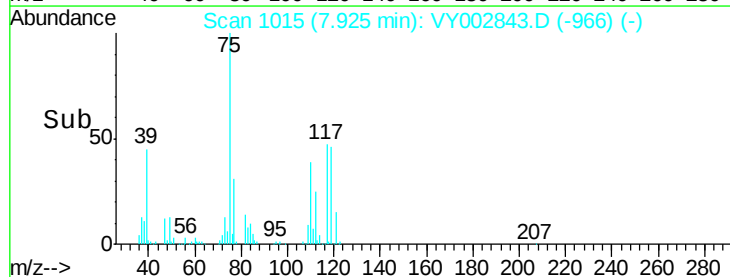
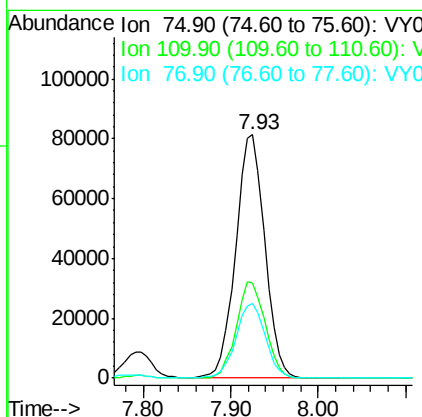
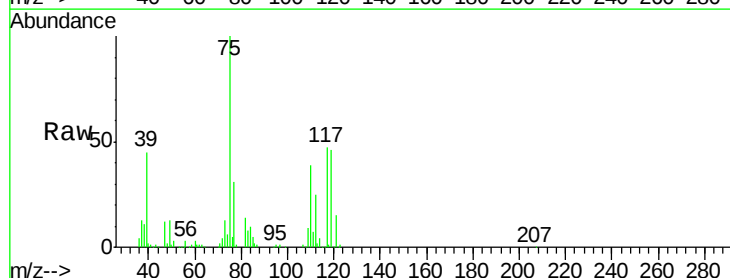
Manual Integrations
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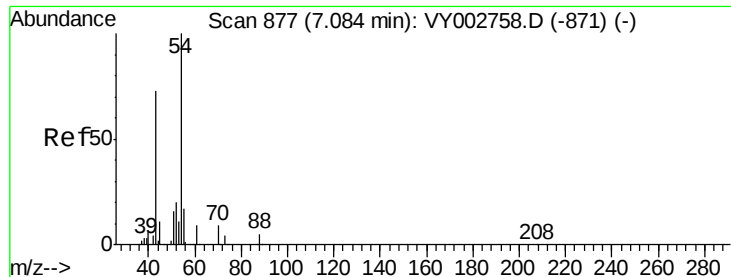
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#36
 1,1-Dichloropropene
 Concen: 47.421 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.2	19.3	57.9	
77	31.1	24.8	37.2	





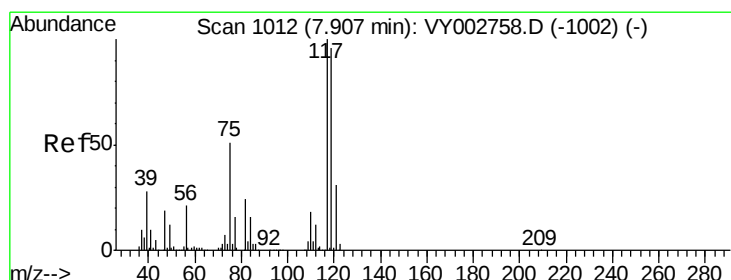
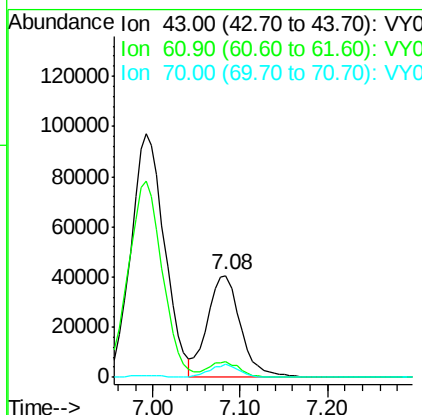
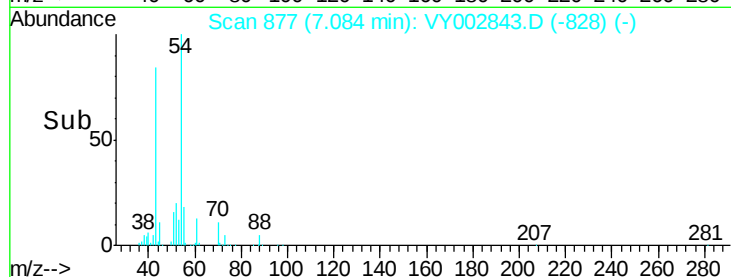
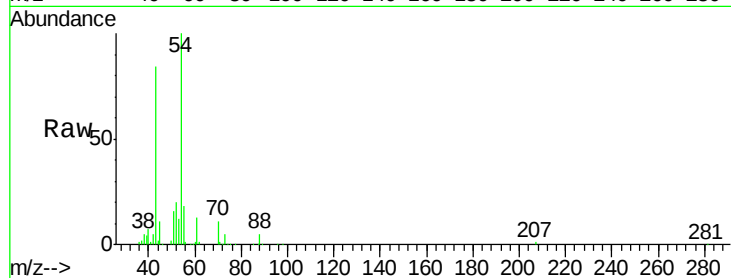
#37
Ethyl Acetate
Concen: 49.645 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.9	17.9
70	11.5	9.1	13.7

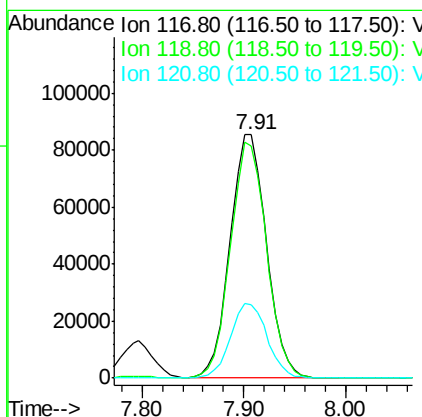
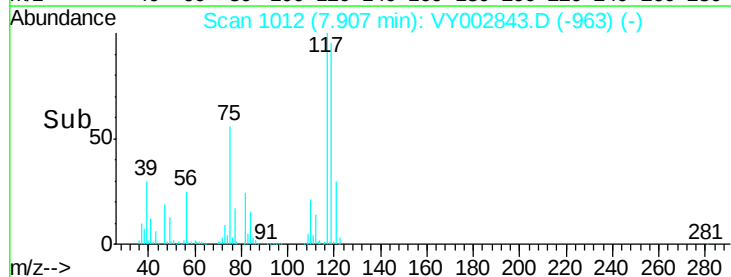
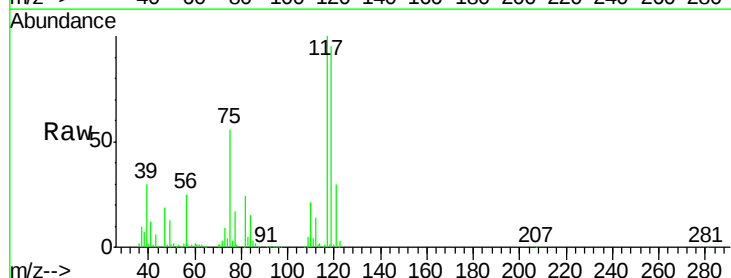
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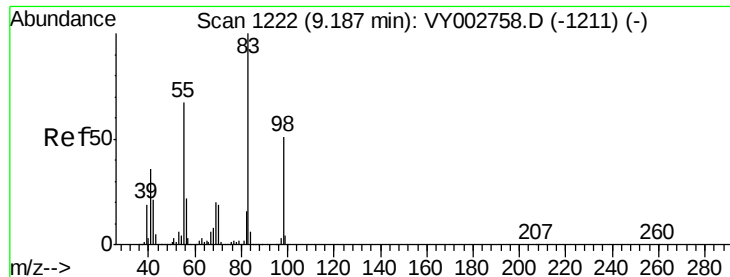
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#38
Carbon Tetrachloride
Concen: 47.809 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.8	115.2
121	30.3	24.8	37.2





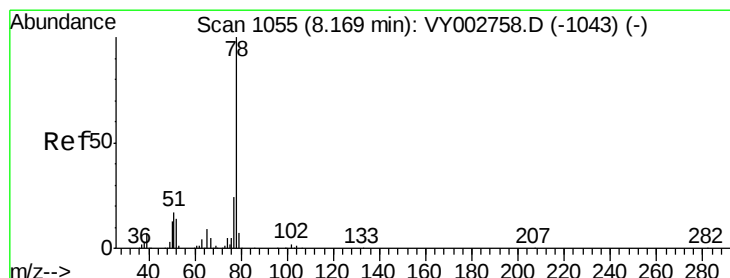
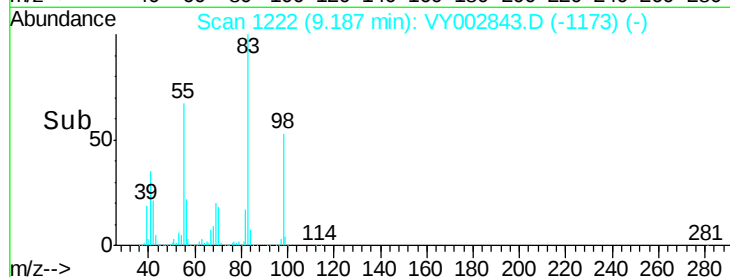
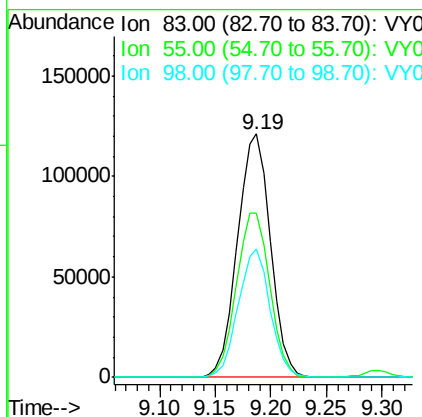
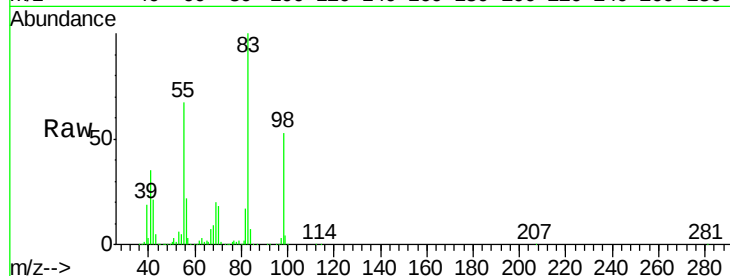
#39
Methvlcvclohexane
Concen: 47.390 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	248622
Ion	Ratio	Lower	Upper
83	100		
55	67.3	53.3	79.9
98	52.9	41.1	61.7

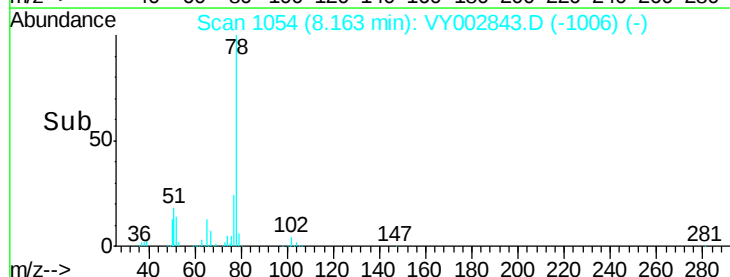
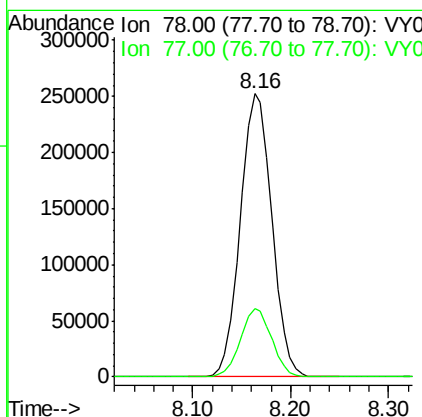
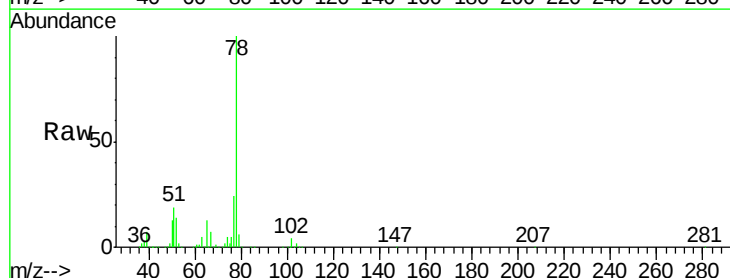
Manual Integrations
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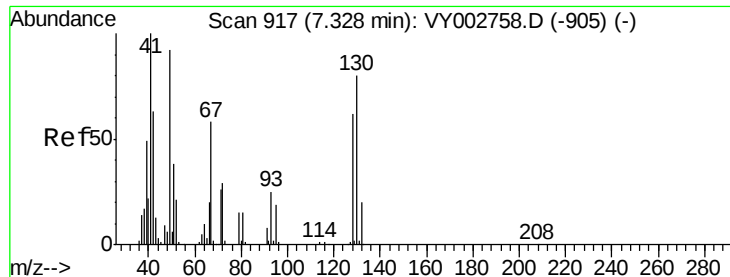
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#40
Benzene
Concen: 48.014 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	78	Resp	564672
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





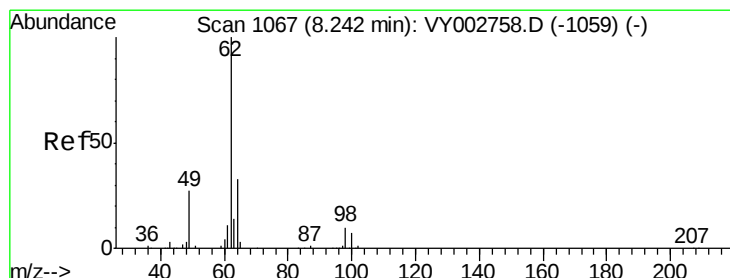
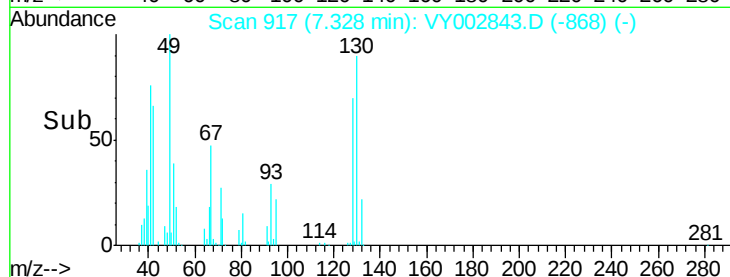
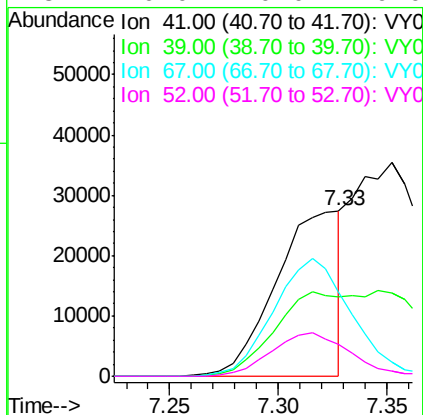
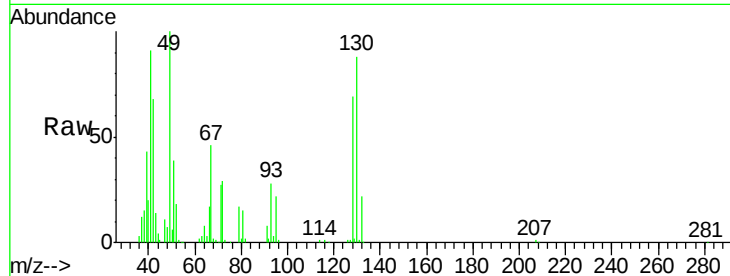
#41
Methacrylonitrile
Concen: 49.567 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

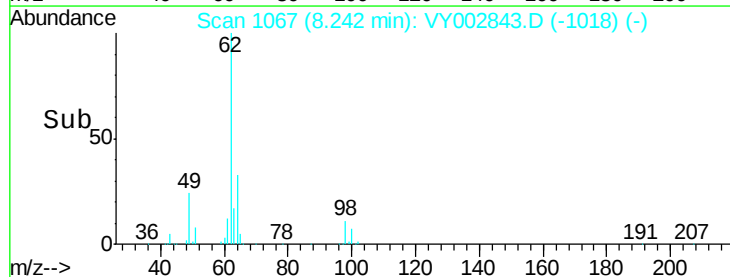
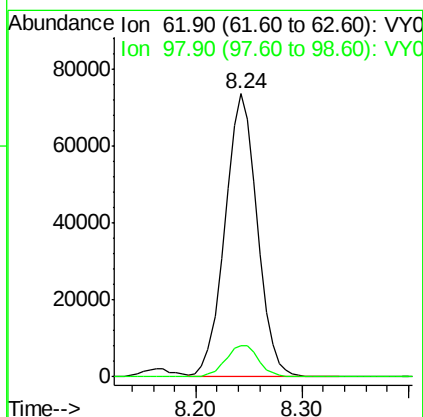
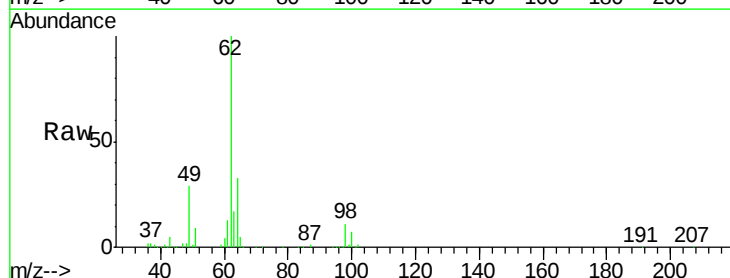
Manual Integrations
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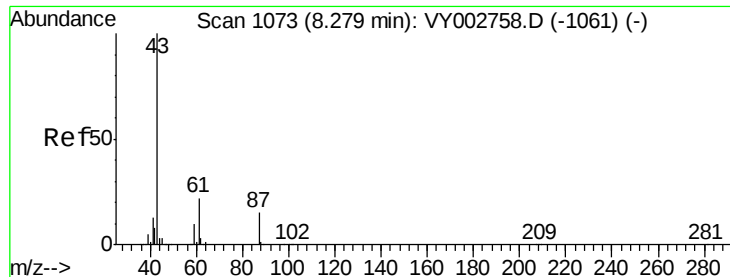
MMDadoda
6/8/2020 11:28:03 AM



#42
1,2-Dichloroethane
Concen: 47.311 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.6





#43

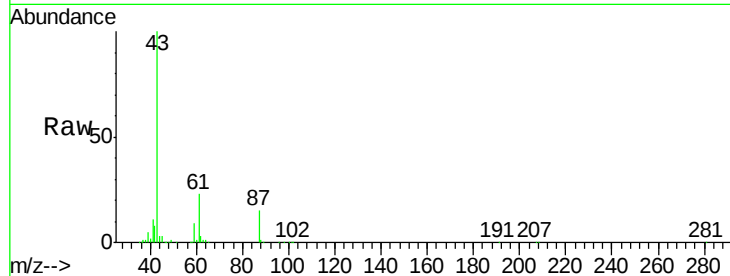
Isopropyl Acetate
 Concen: 49.336 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.8	37.2
87	15.7	12.4	18.6

Manual Integrations
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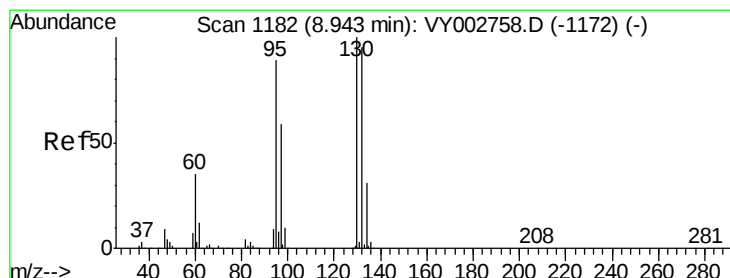
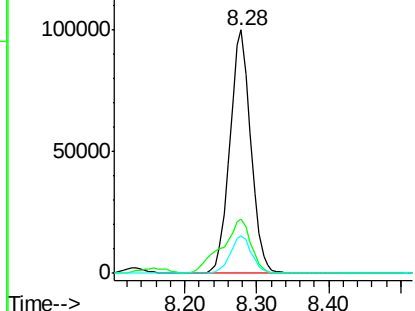
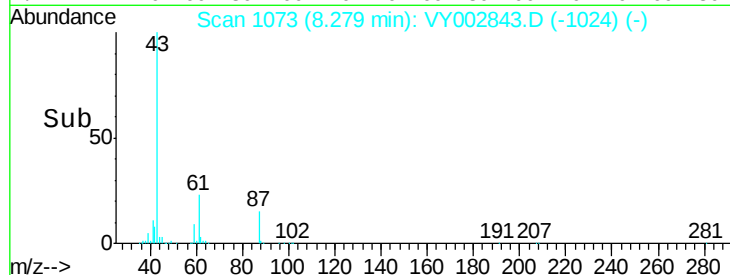
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Abundance Ion 43.00 (42.70 to 43.70): VY002843.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002843.D (-1024) (-)

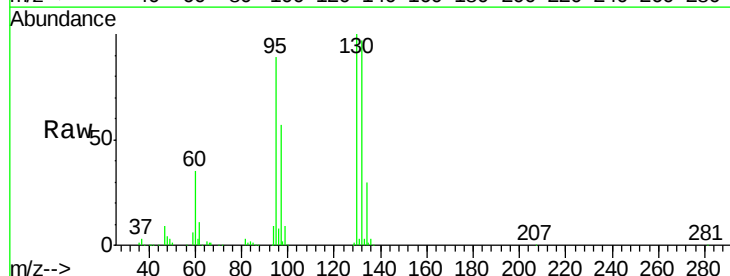
Ion 87.00 (86.70 to 87.70): VY002843.D (-1024) (-)



#44

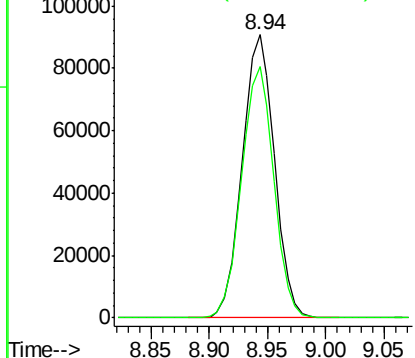
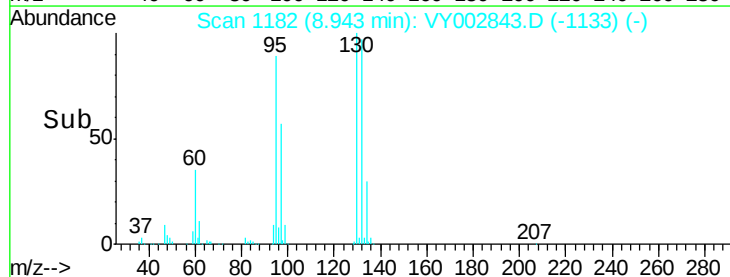
Trichloroethene
 Concen: 47.233 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

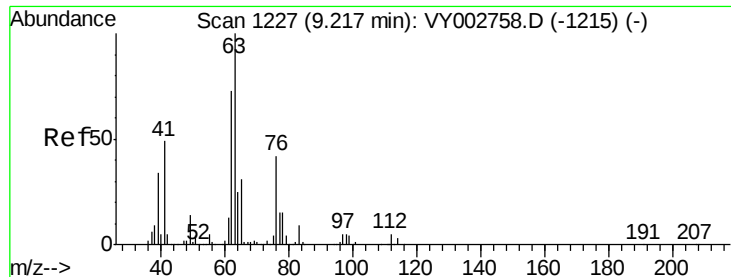
Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002843.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002843.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 49.081 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 138423

Ion Ratio Lower Upper

63 100

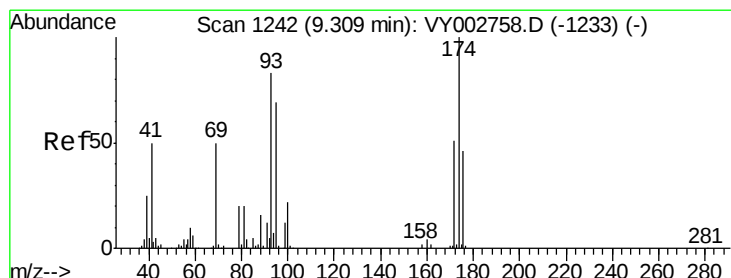
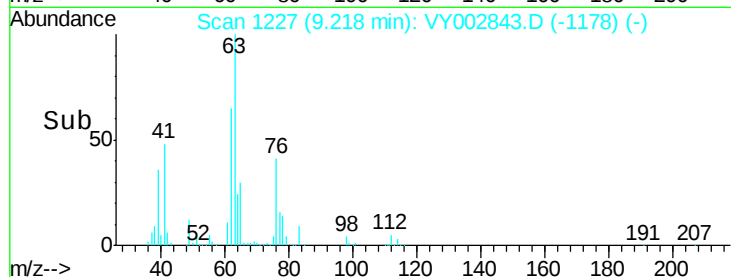
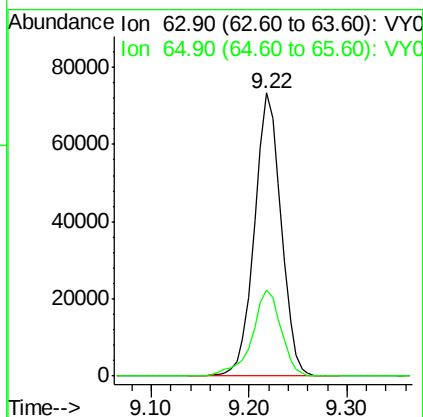
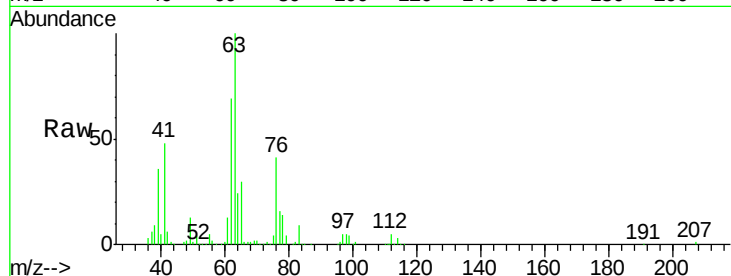
65 30.5 24.8 37.2

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#46

Dibromomethane

Concen: 48.207 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

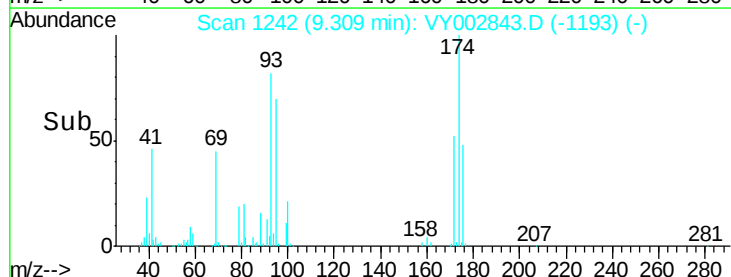
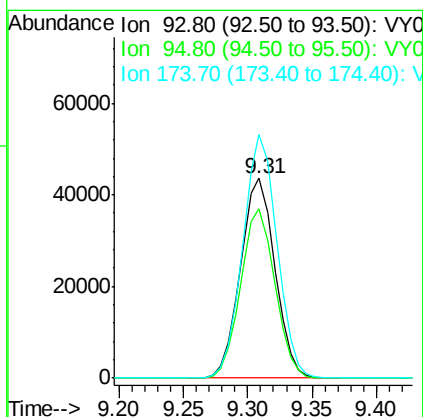
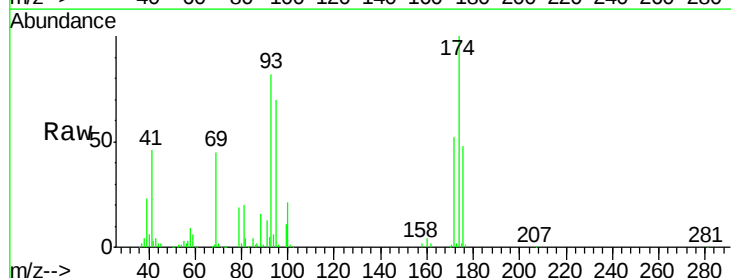
Tgt Ion: 93 Resp: 80744

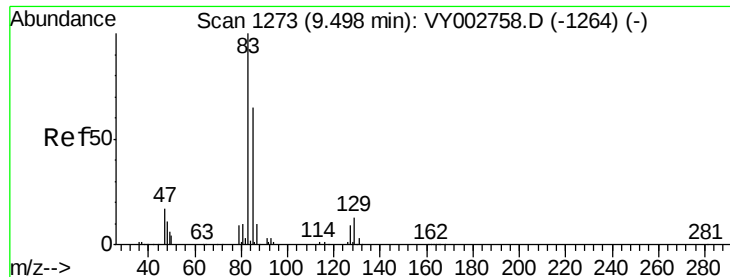
Ion Ratio Lower Upper

93 100

95 84.5 66.9 100.3

174 120.6 97.7 146.5





#47

Bromodichloromethane

Concen: 49.303 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

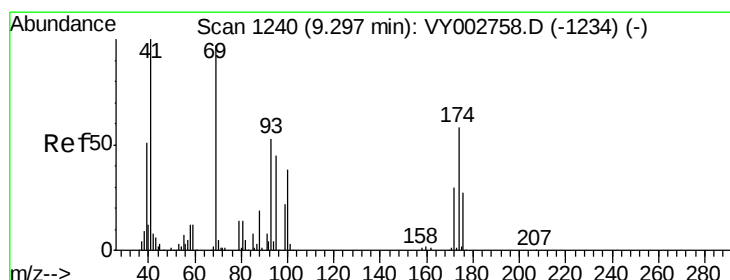
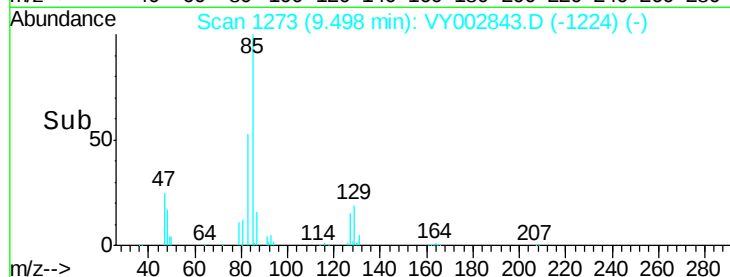
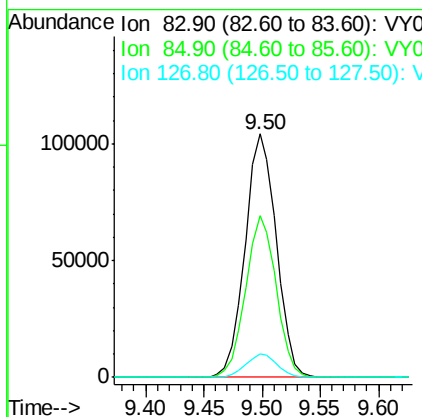
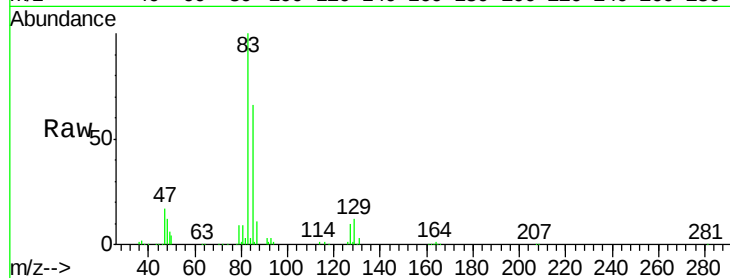
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	194680
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.9	77.9
127	9.8	7.1	10.7

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#48

Methyl methacrylate

Concen: 49.030 ug/l

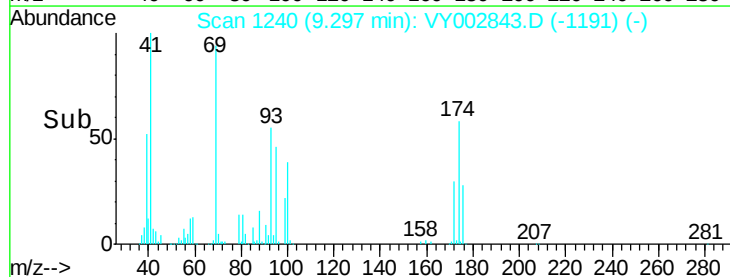
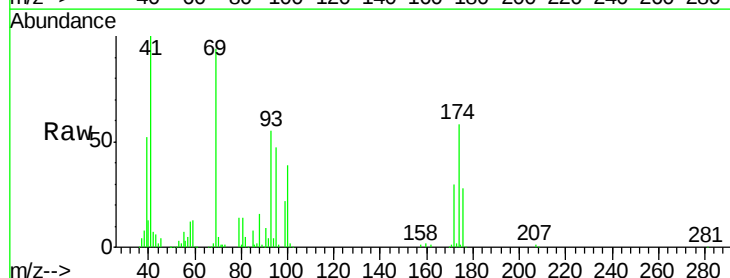
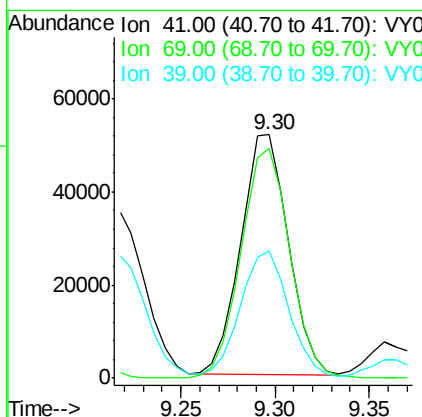
RT: 9.30 min Scan# 1240

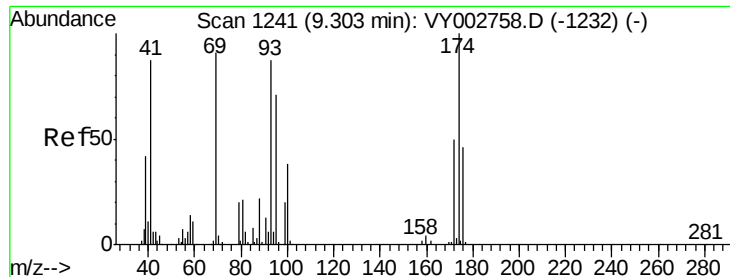
Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Tgt Ion:	41	Resp:	90829
Ion Ratio	Lower	Upper	
41	100		
69	97.8	79.7	119.5
39	54.1	43.3	64.9





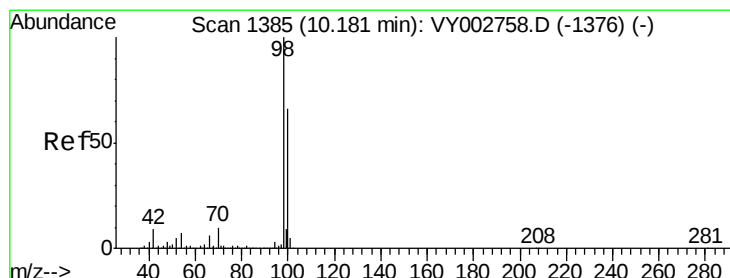
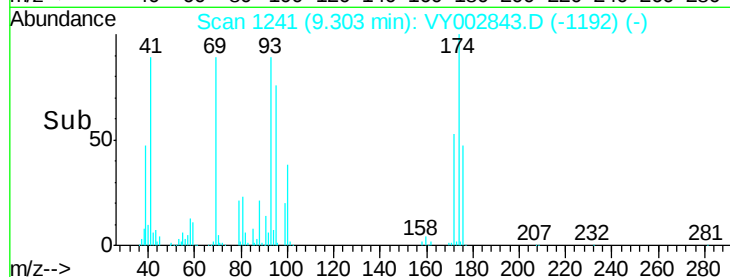
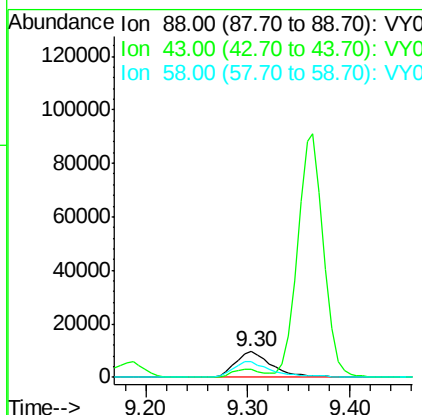
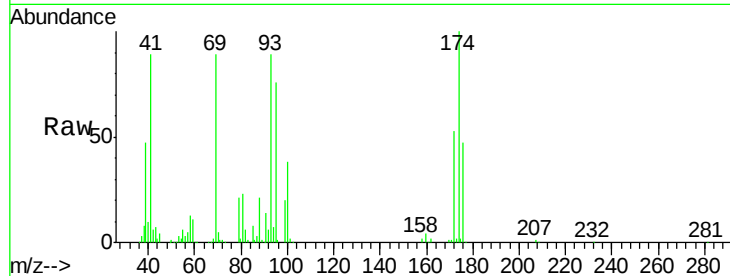
#49
1,4-Dioxane
Concen: 933.654 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	24012
Ion Ratio	Lower	Upper	
88	100		
43	25.8	21.3	31.9
58	66.2	52.2	78.2

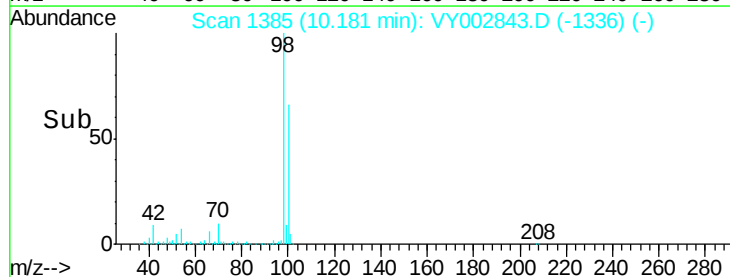
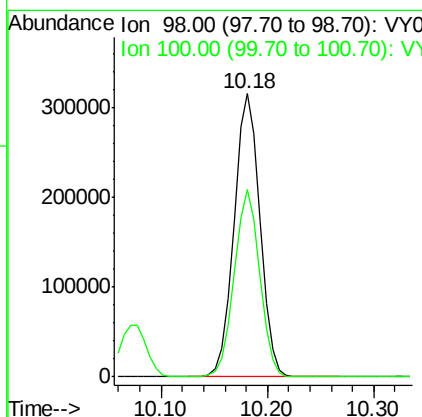
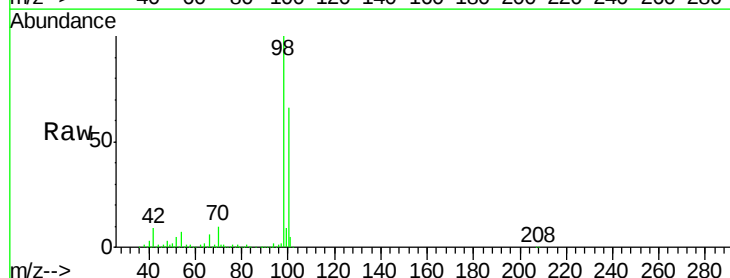
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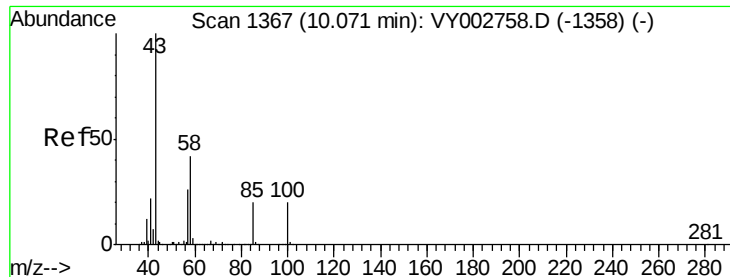
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#50
Toluene-d8
Concen: 47.993 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	98	Resp	537325
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.2	78.2





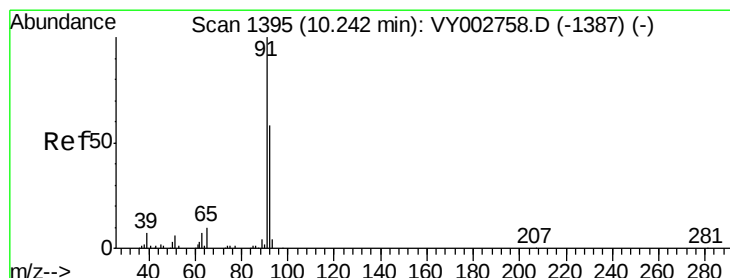
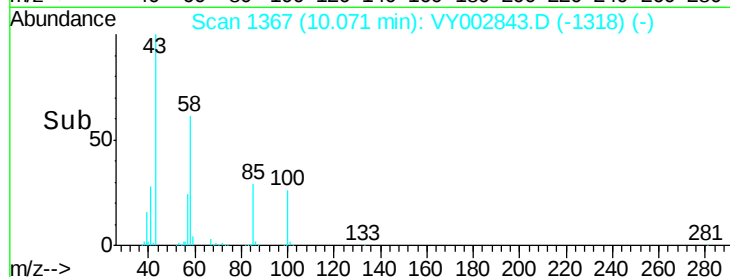
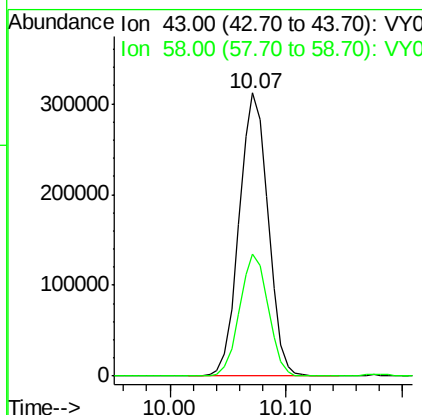
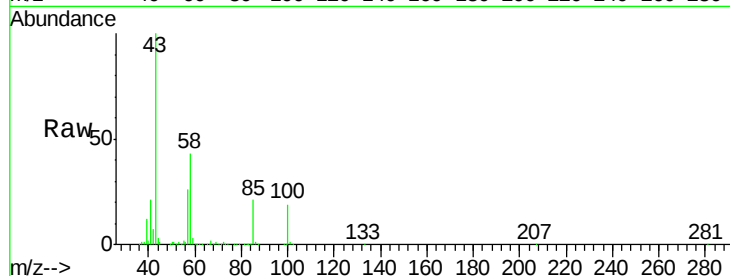
#51
4-Methyl-2-Pentanone
Concen: 249.093 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	541277
Ion Ratio	100	Lower	Upper
43	100		
58	42.6	34.2	51.2

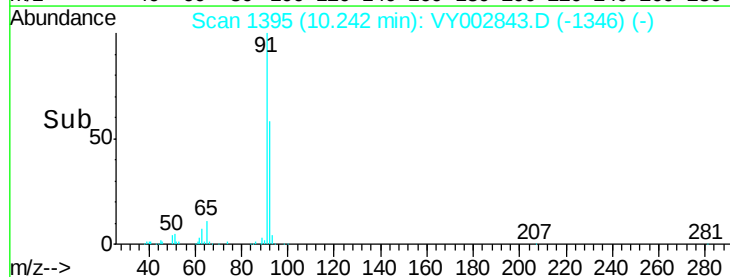
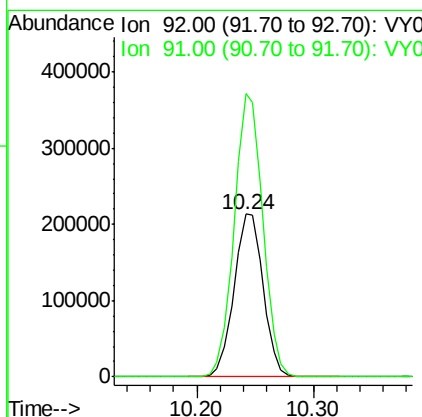
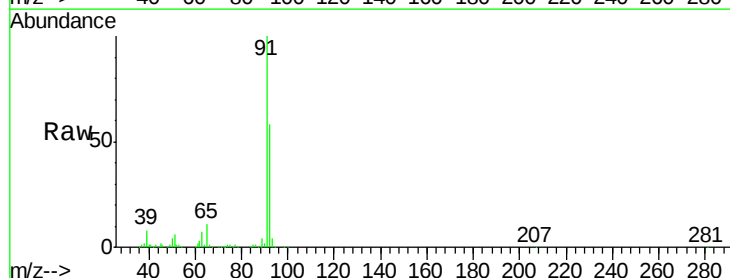
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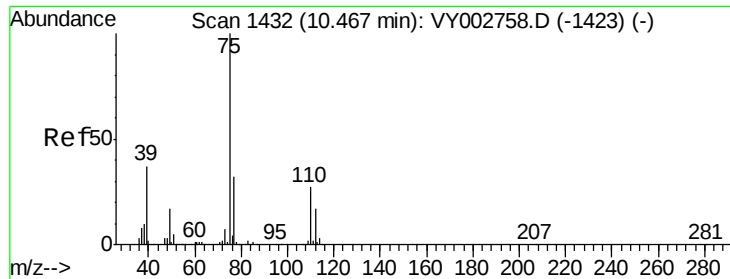
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#52
Toluene
Concen: 48.301 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	92	Resp	371608
Ion Ratio	100	Lower	Upper
92	100		
91	171.1	138.5	207.7





#53

t-1,3-Dichloropropene

Concen: 49.288 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 212573

Ion Ratio Lower Upper

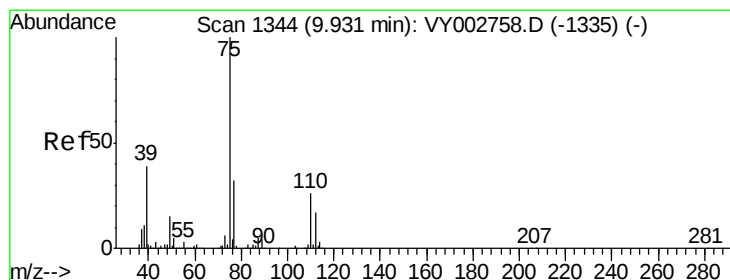
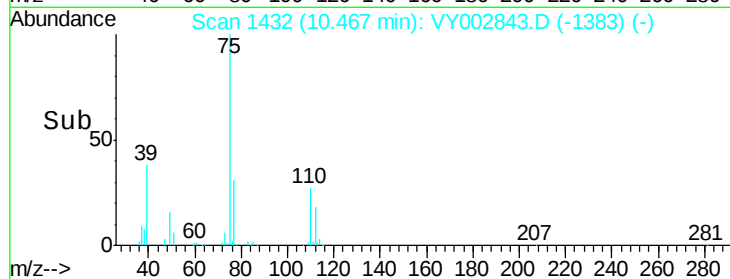
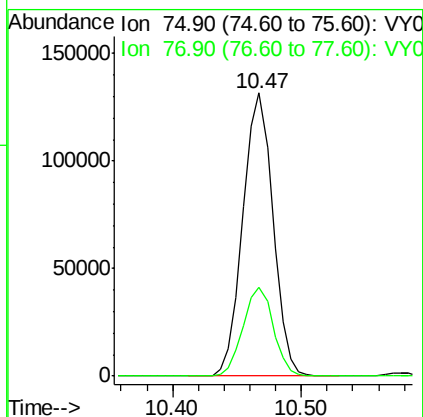
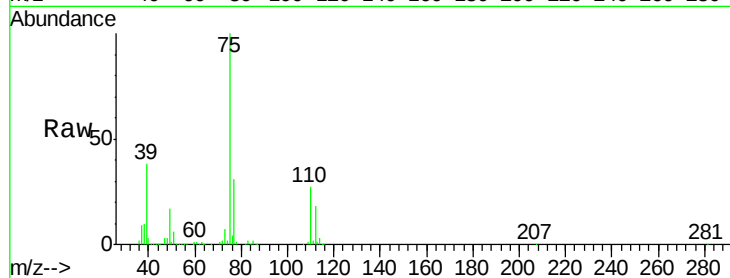
75 100

77 31.5 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 49.283 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

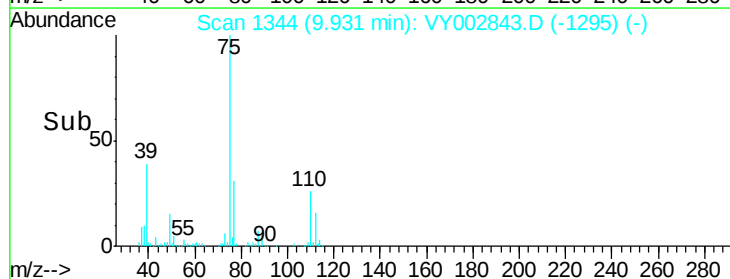
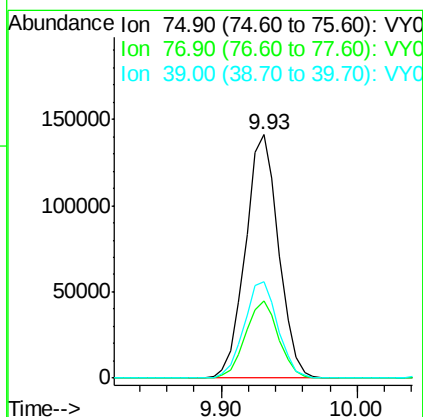
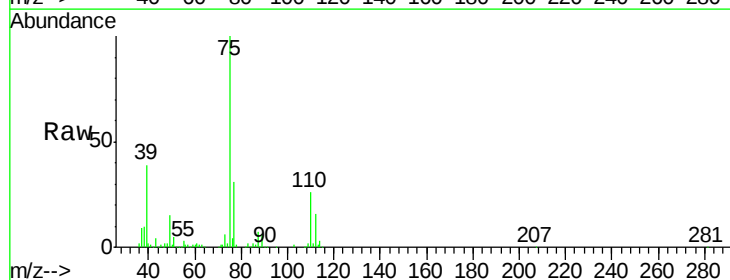
Tgt Ion: 75 Resp: 240848

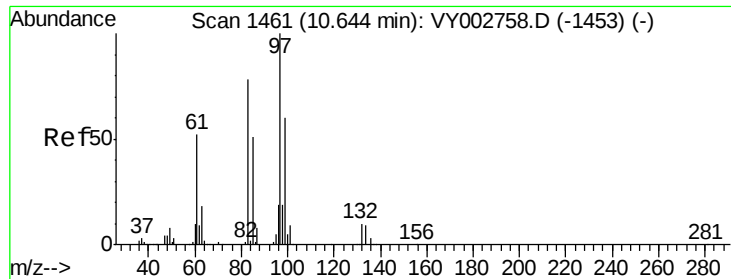
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 39.4 31.3 46.9





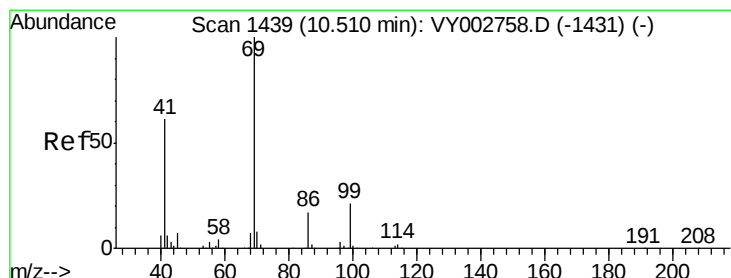
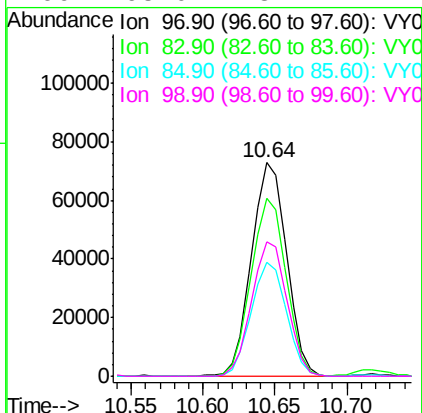
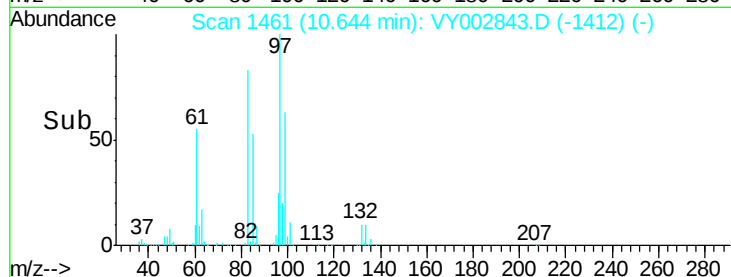
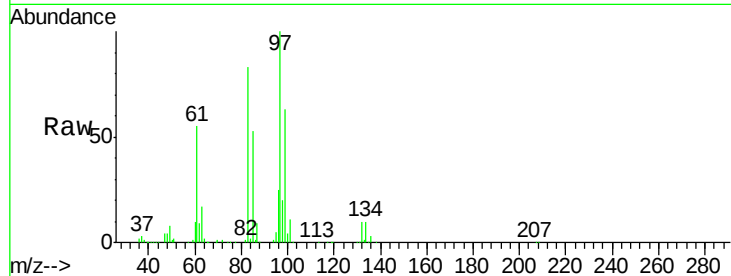
#55
 1,1,2-Trichloroethane
 Concen: 48.053 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	123223
Ion	Ratio	Lower	Upper
97	100		
83	83.1	62.7	94.1
85	53.1	40.6	60.8
99	63.0	48.2	72.4

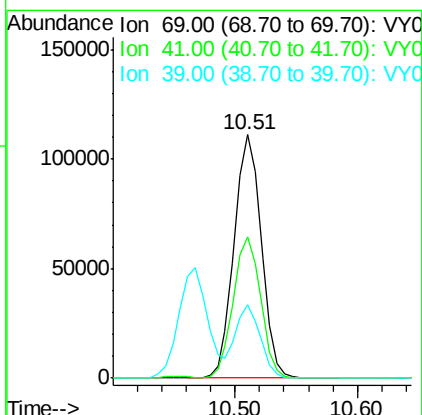
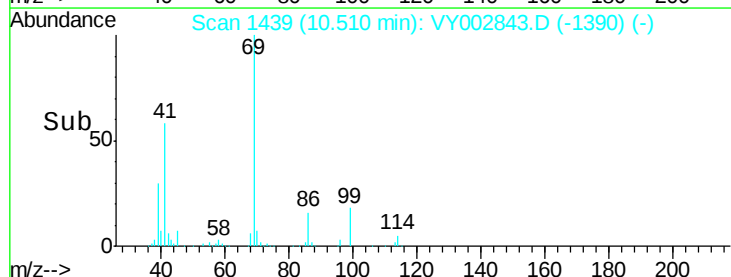
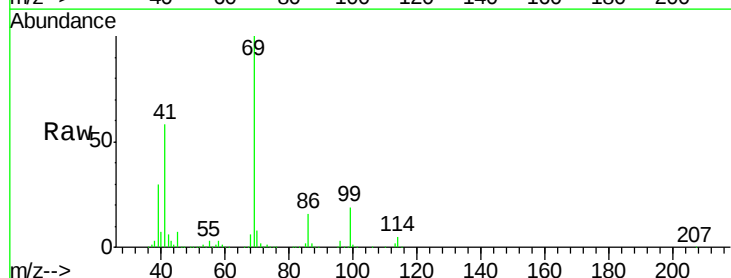
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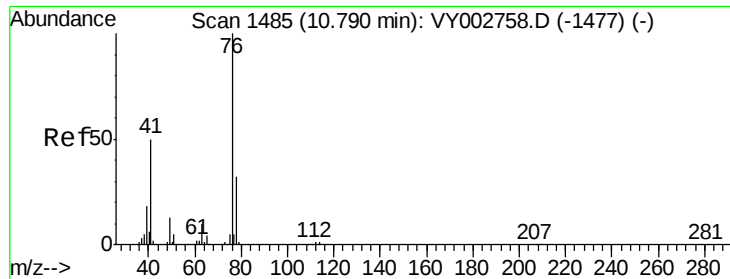
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#56
 Ethyl methacrylate
 Concen: 49.697 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion:	69	Resp:	170690
Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.0	70.4
39	27.3	22.0	33.0





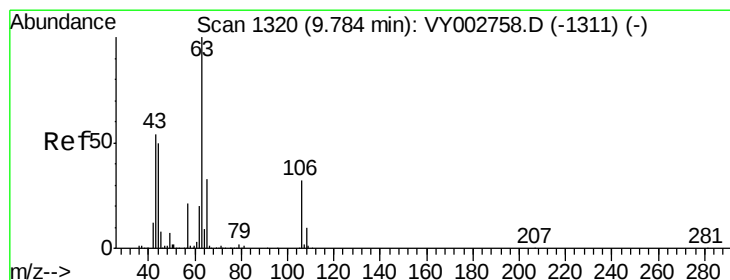
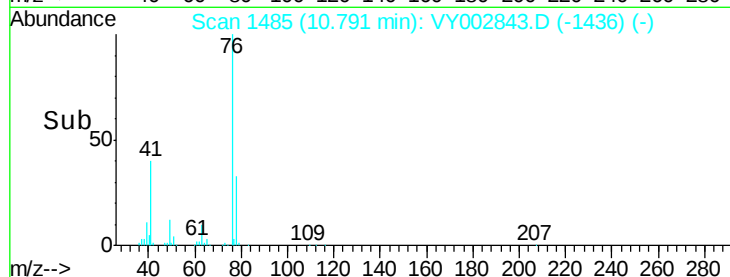
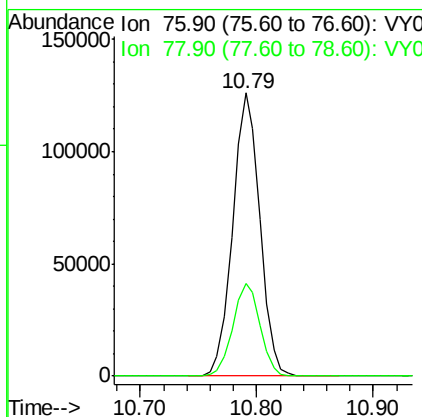
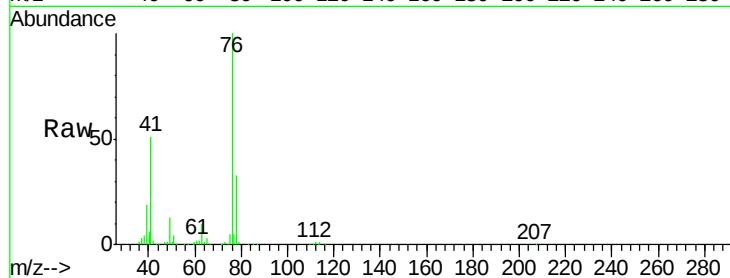
#57
 1,3-Dichloropropane
 Concen: 48.373 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.1	39.1

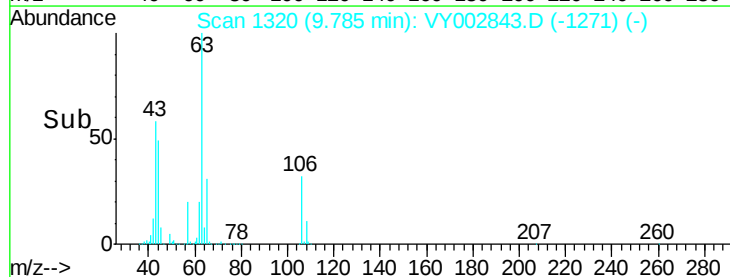
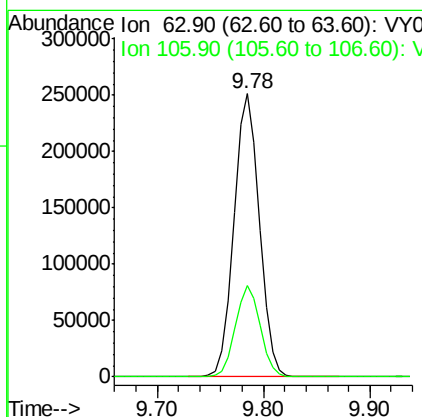
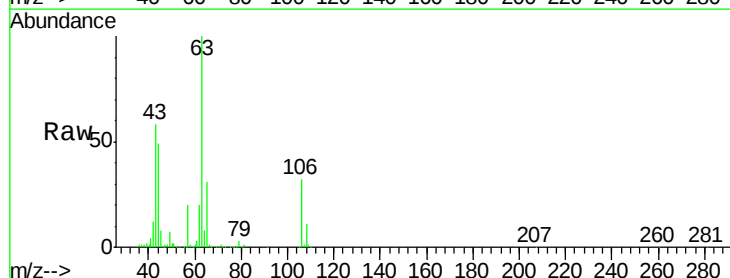
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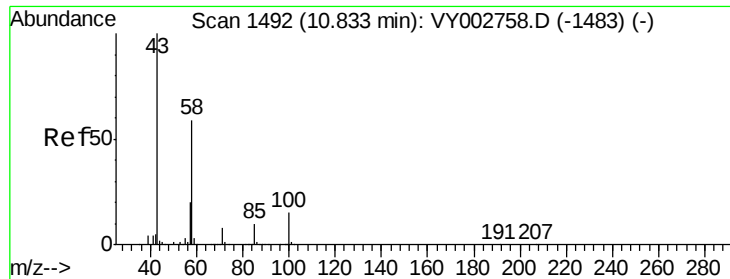
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#58
 2-Chloroethyl Vinyl ether
 Concen: 250.472 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	25.4	38.2





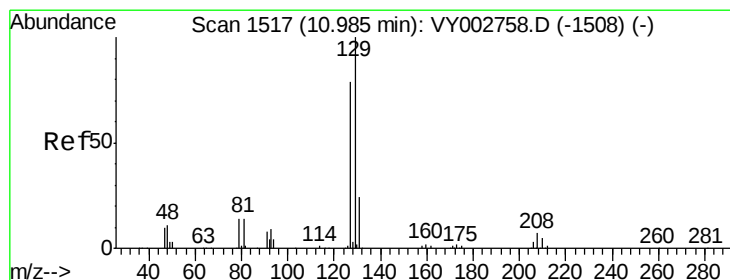
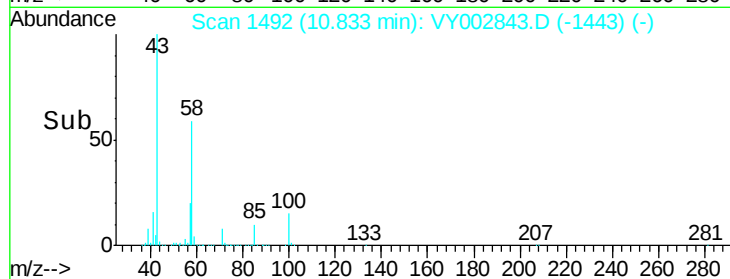
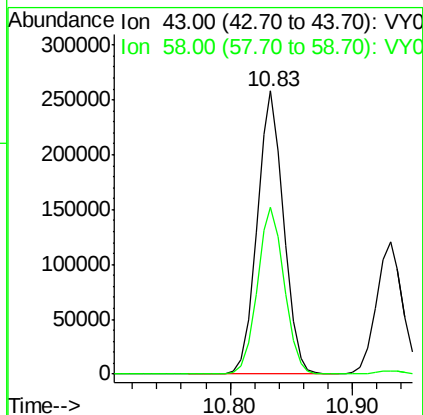
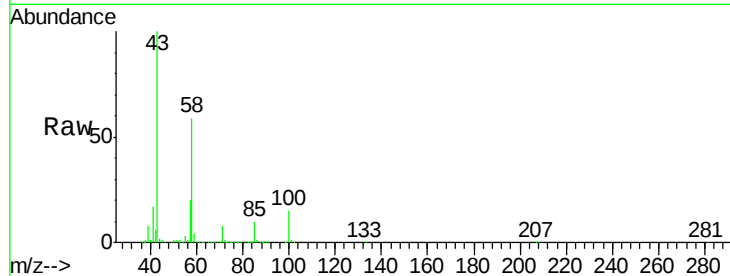
#59
2-Hexanone
Concen: 252.289 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 388978
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5

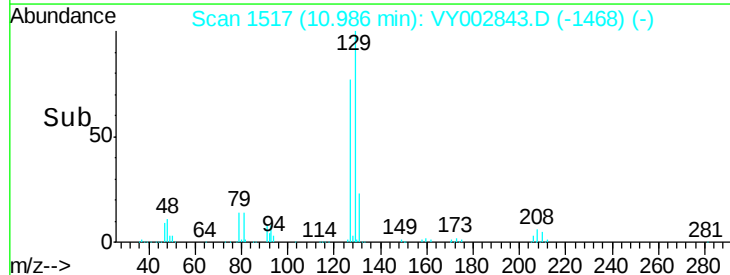
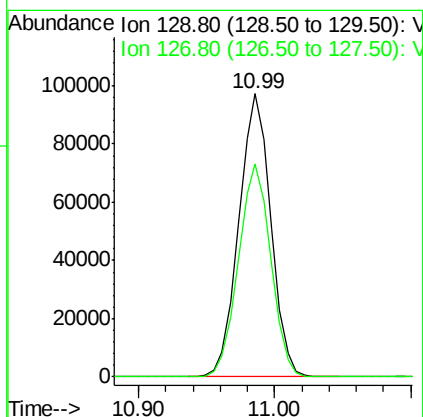
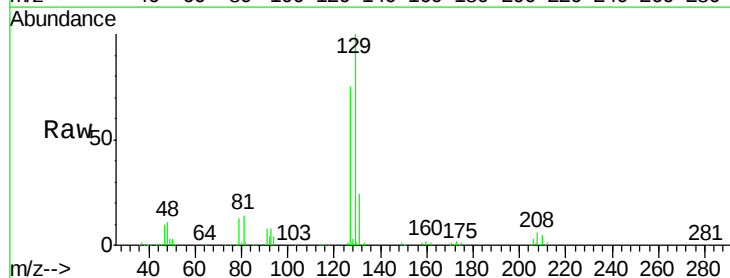
Manual Integrations
APPROVED

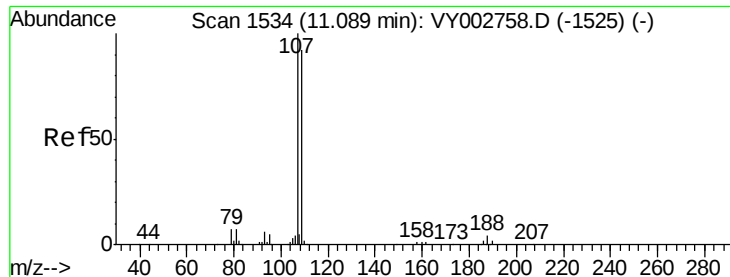
MMDadoda
6/8/2020 11:28:03 AM



#60
Dibromochloromethane
Concen: 48.914 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 129 Resp: 159022
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





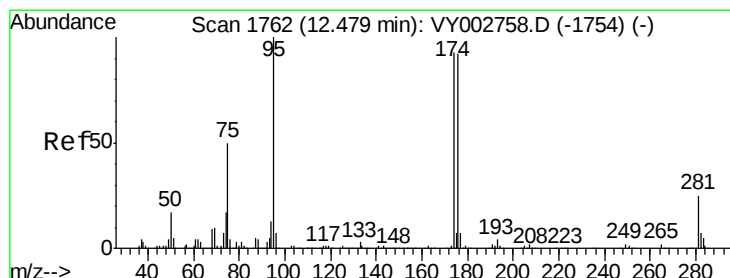
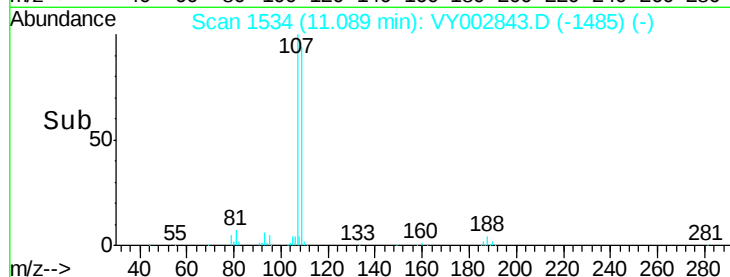
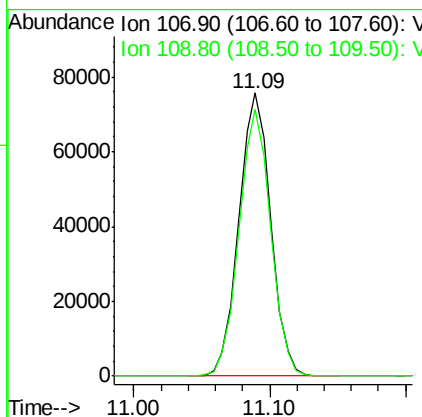
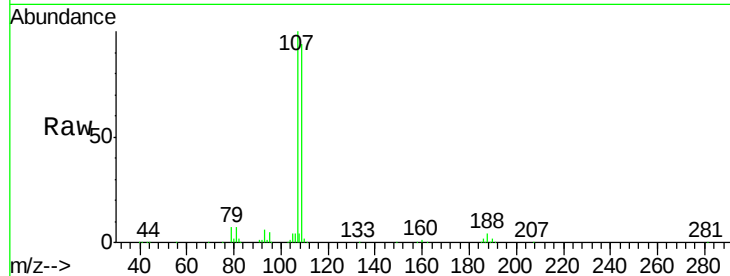
#61
1,2-Dibromoethane
Concen: 48.867 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.6	113.4

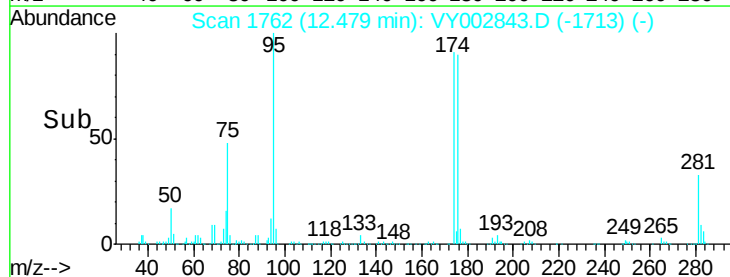
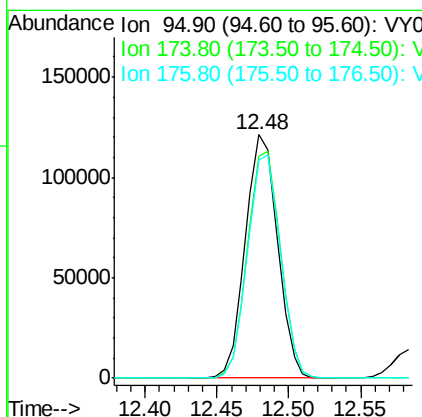
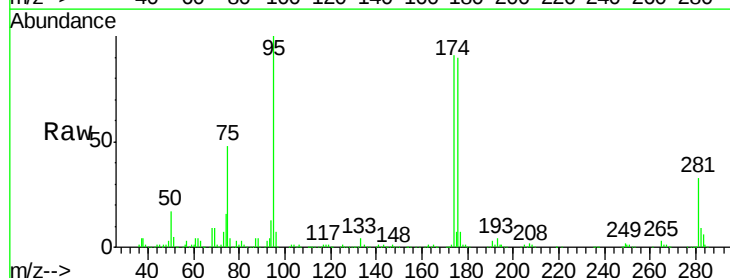
Manual Integrations
APPROVED

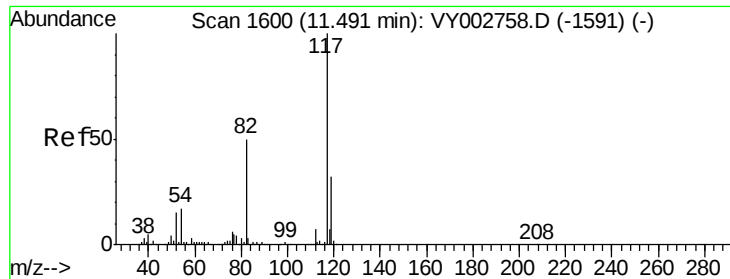
MMDadoda
6/8/2020 11:28:03 AM



#62
4-Bromofluorobenzene
Concen: 49.057 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	191.2
176	93.4	0.0	188.8





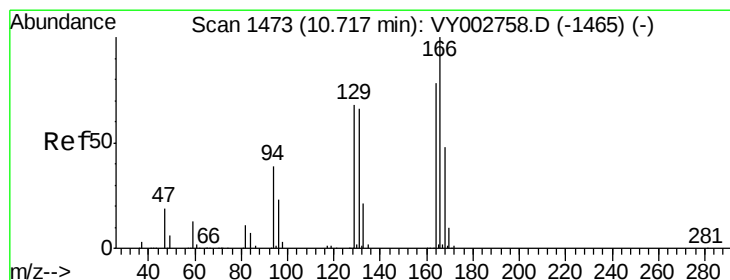
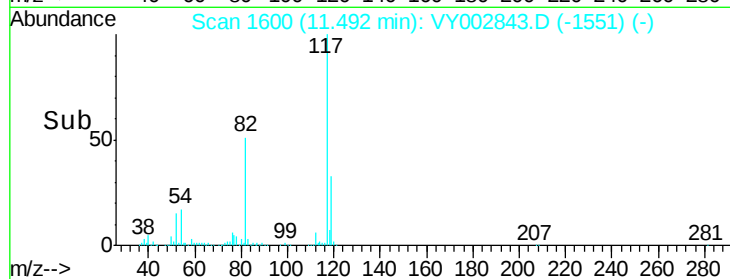
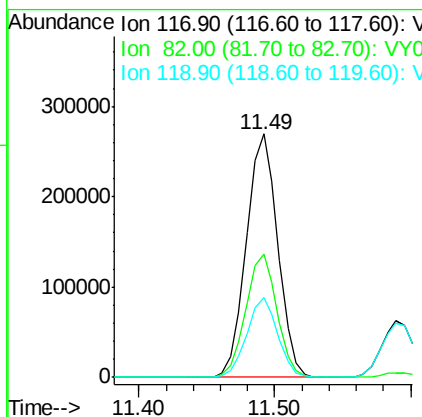
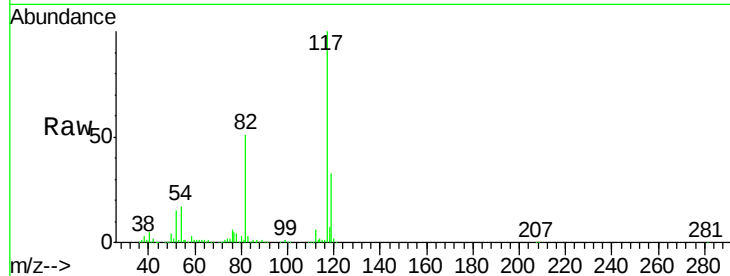
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.2	60.4
119	32.6	25.8	38.8

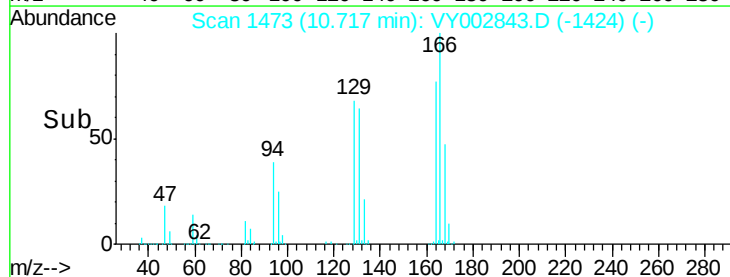
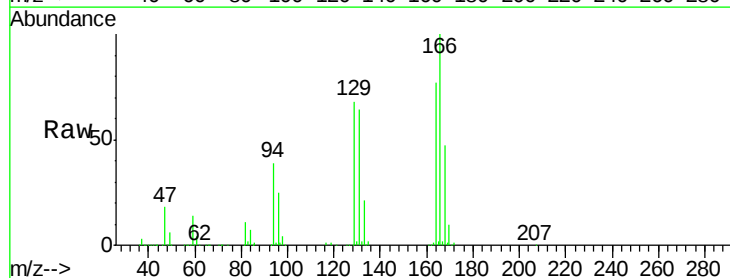
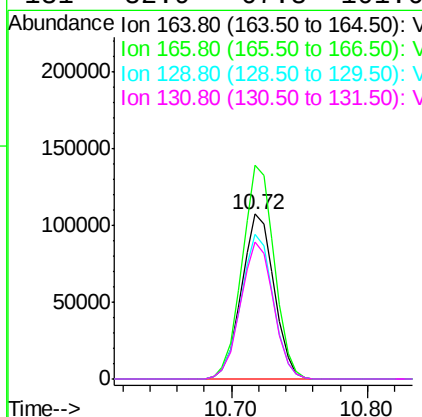
Manual Integrations
APPROVED

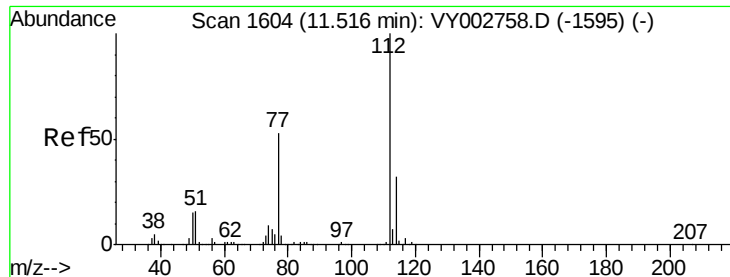
MMDadoda
6/8/2020 11:28:03 AM



#64
Tetrachloroethene
Concen: 45.190 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	102.3	153.5
129	87.5	69.4	104.2
131	82.9	67.8	101.6





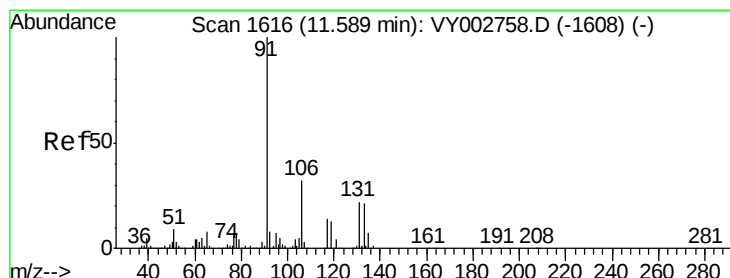
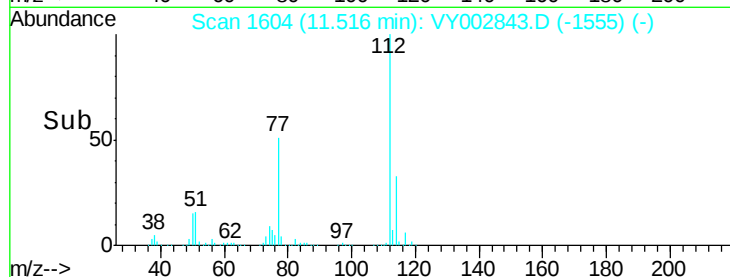
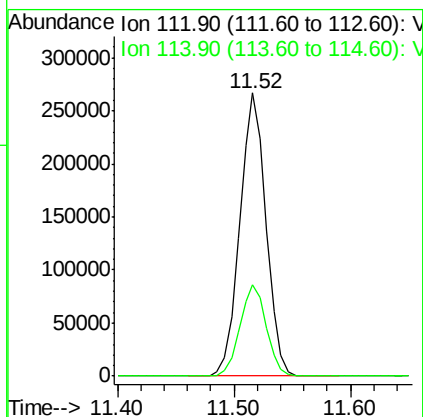
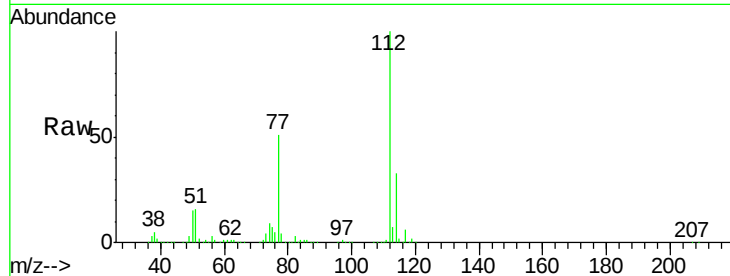
#65
Chlorobenzene
Concen: 48.306 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5

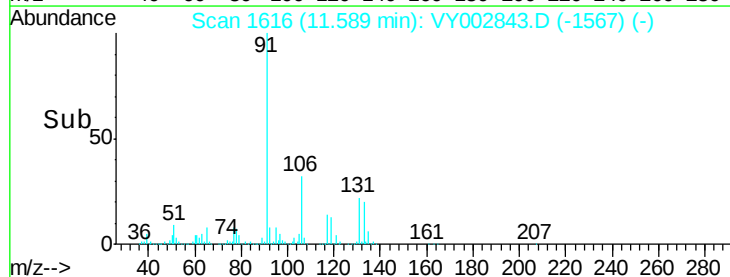
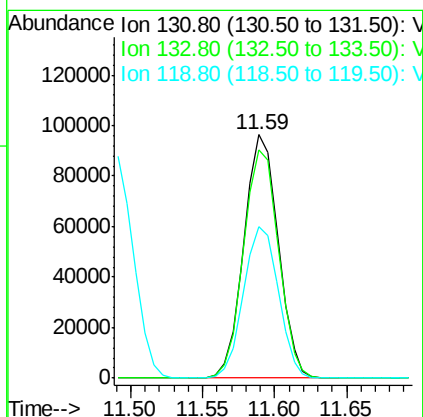
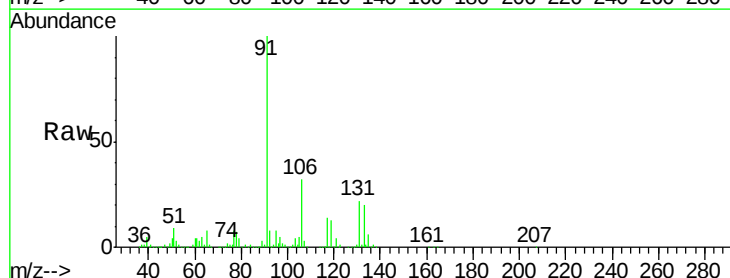
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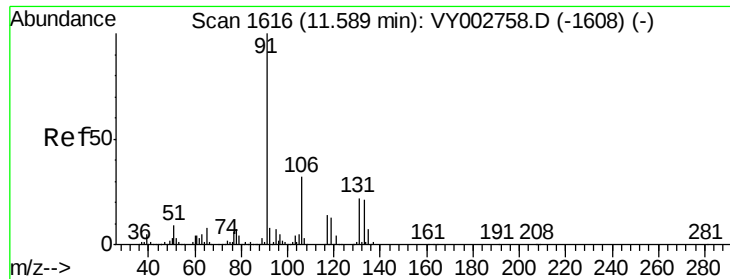
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.858 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.6	142.8
119	63.6	31.7	95.1





#67

Ethyl Benzene

Concen: 48.459 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 724220

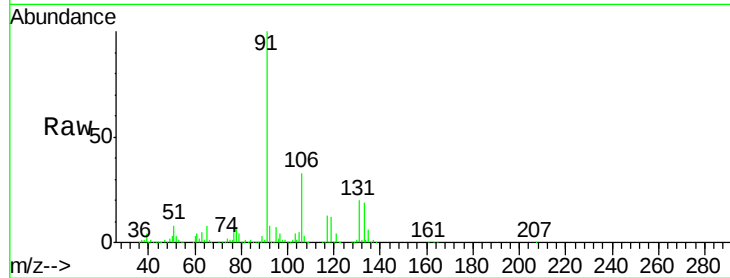
Ion Ratio Lower Upper

91 100

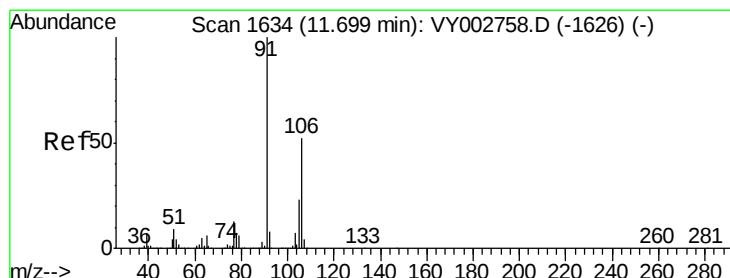
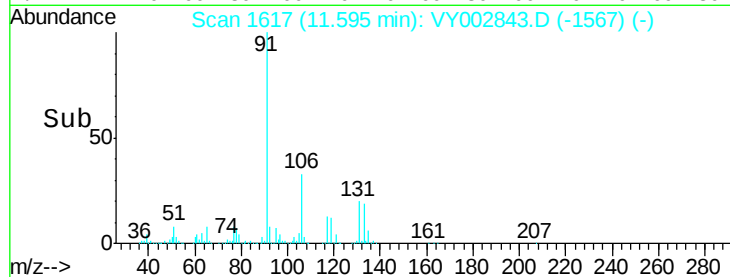
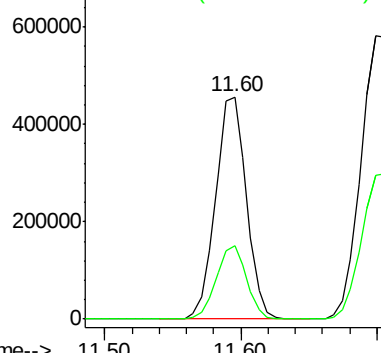
106 32.9 25.7 38.5

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Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1608) (-)



#68

m/p-Xylenes

Concen: 96.655 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002843.D

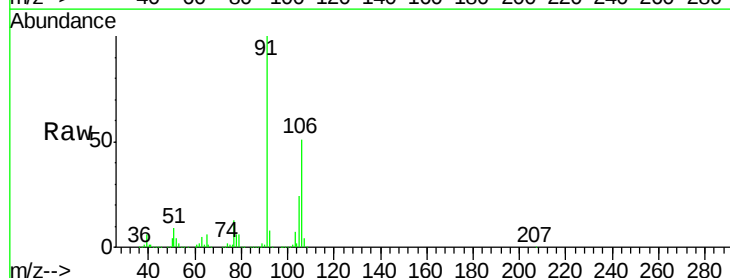
Acq: 05 Jun 2020 12:42

Tgt Ion: 106 Resp: 560064

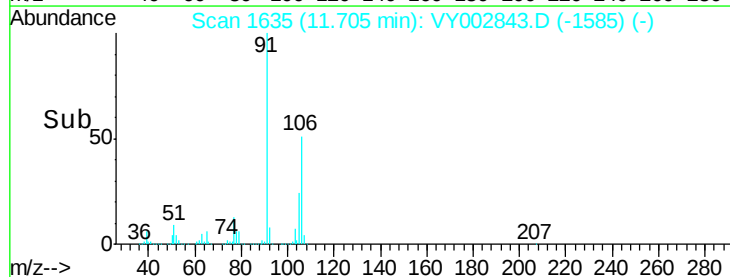
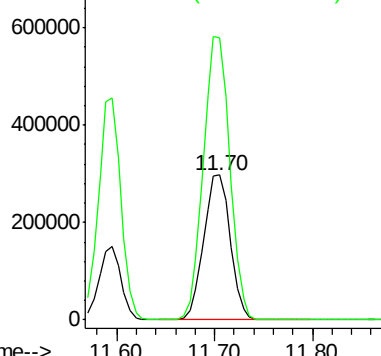
Ion Ratio Lower Upper

106 100

91 195.0 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002758.D (-1626) (-)





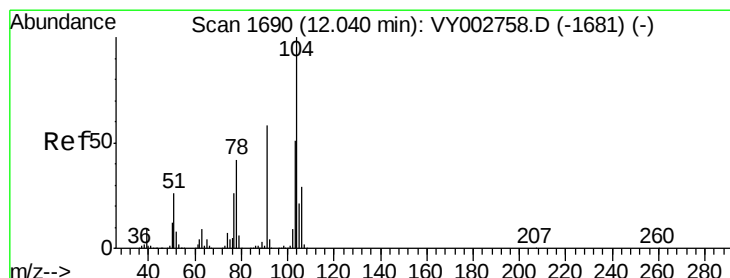
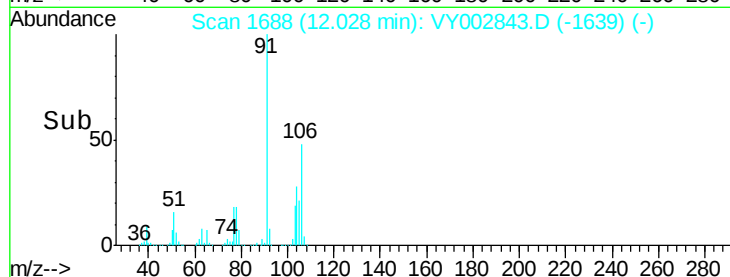
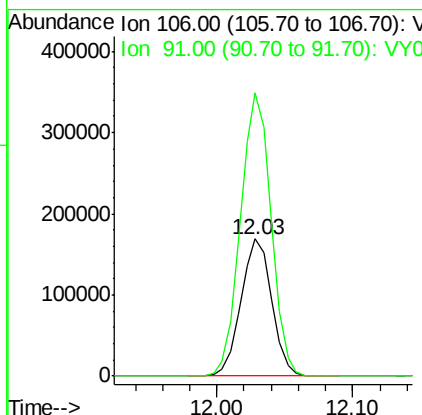
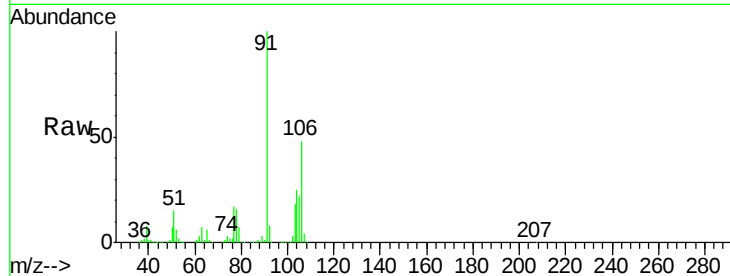
#69
o-Xylene
Concen: 48.440 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	206.3	102.4	307.1

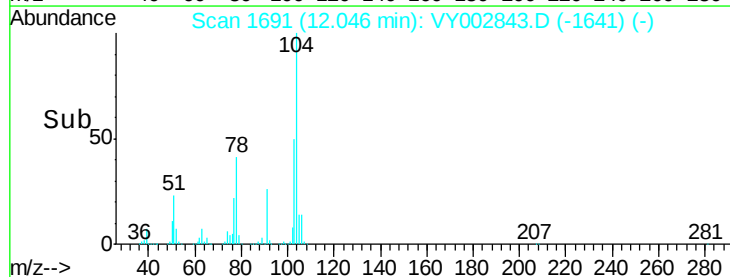
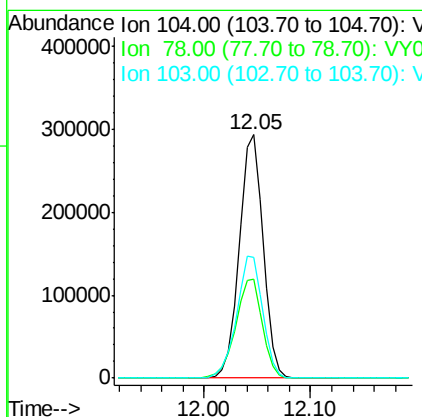
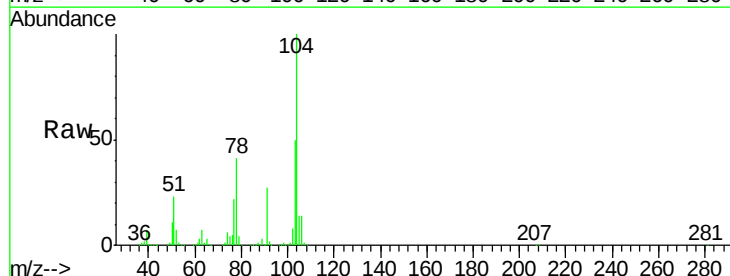
Manual Integrations
APPROVED

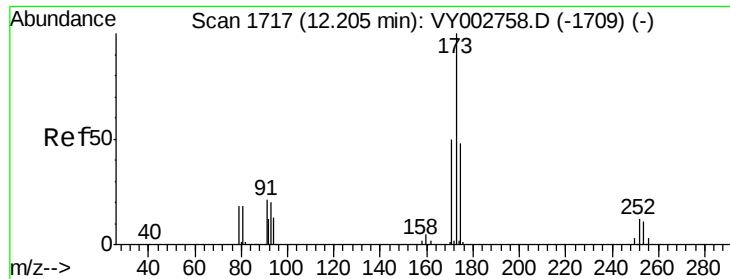
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#70
Styrene
Concen: 48.761 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.5	36.2	54.4
103	103	54.6	43.6	65.4





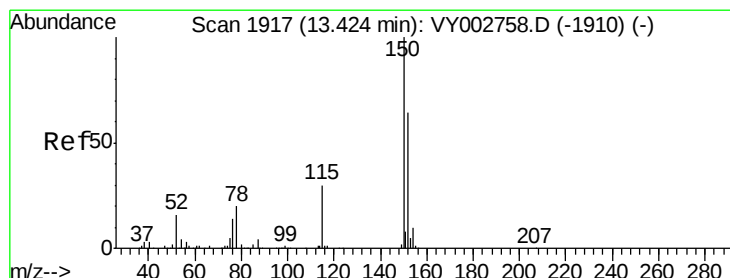
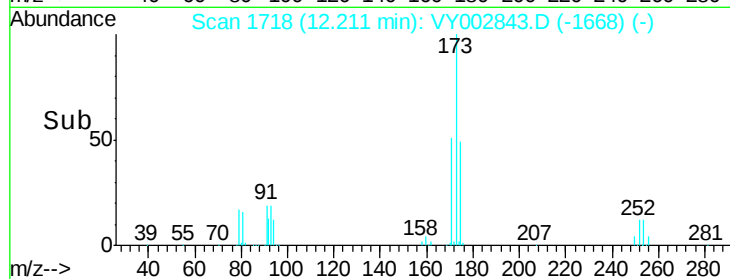
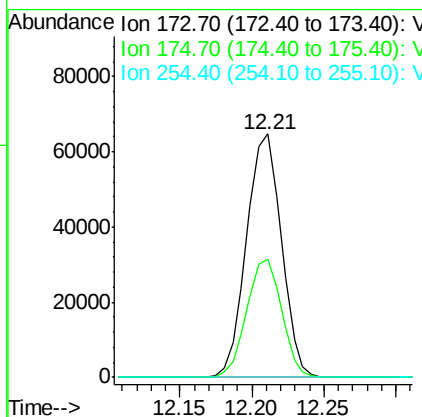
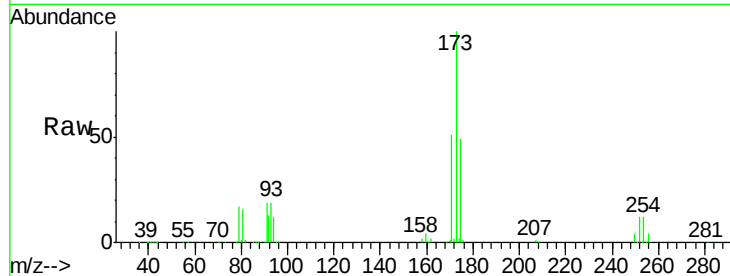
#71
Bromoform
Concen: 49.817 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.8
254	0.2	0.1	0.1#

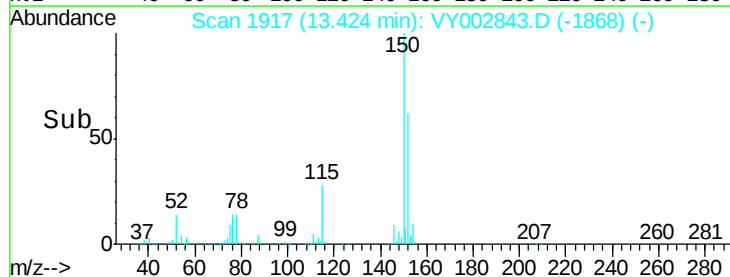
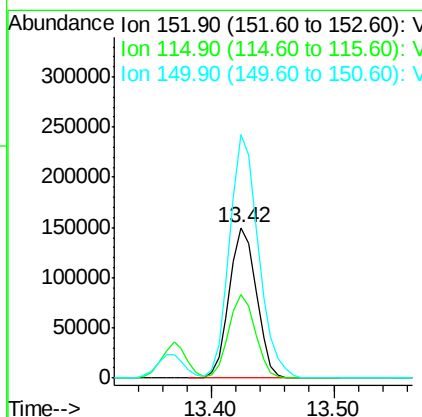
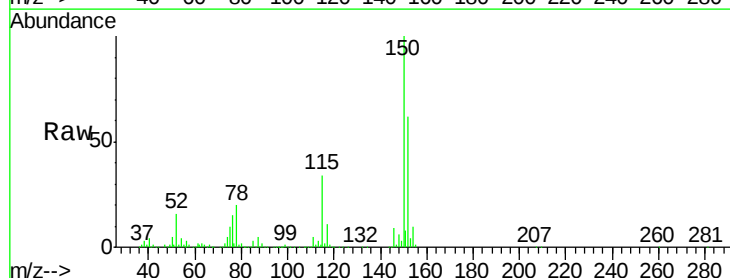
Manual Integrations
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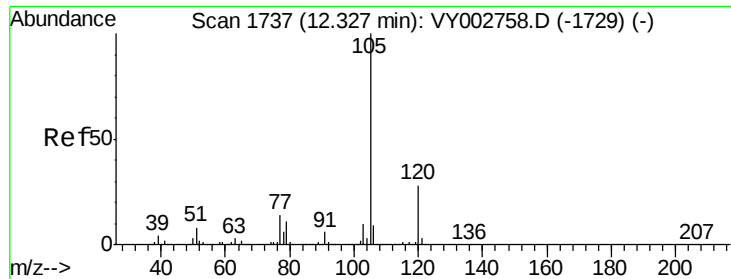
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.0	81.0
150	173.0	0.0	344.8





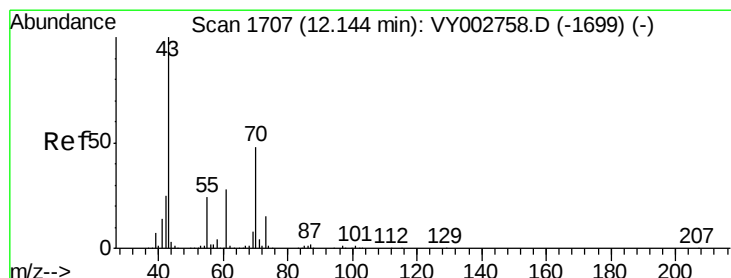
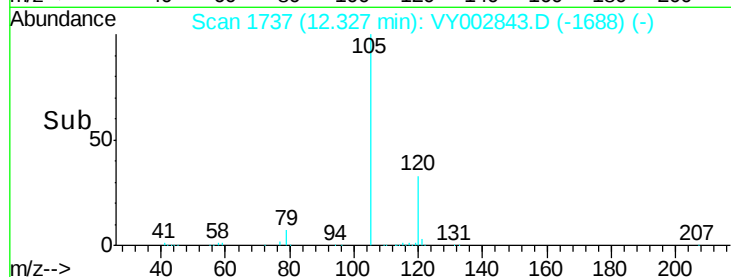
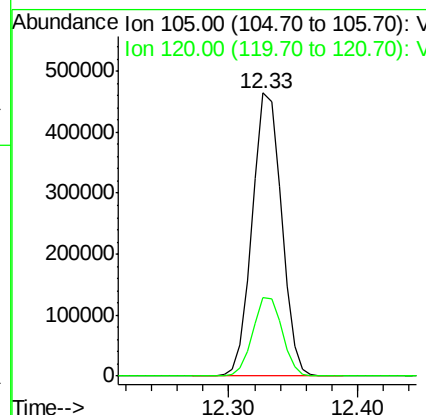
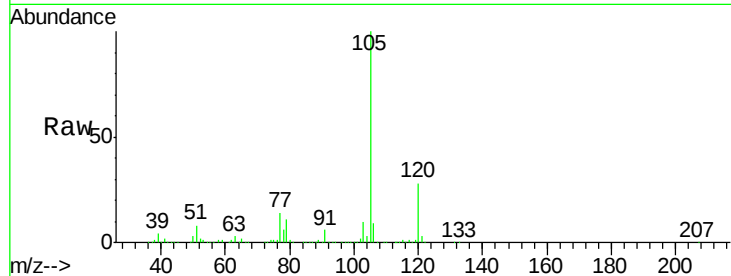
#73
Isopropylbenzene
Concen: 49.324 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.7	41.1

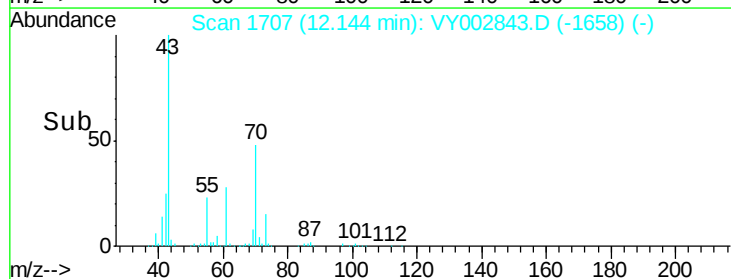
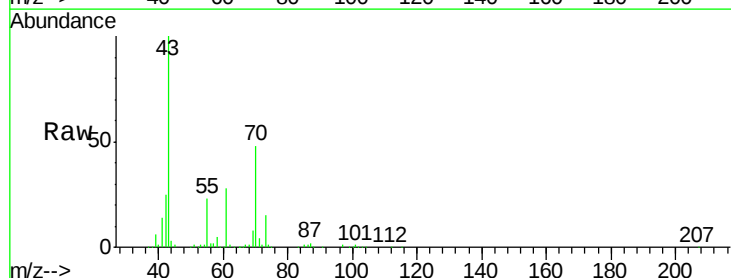
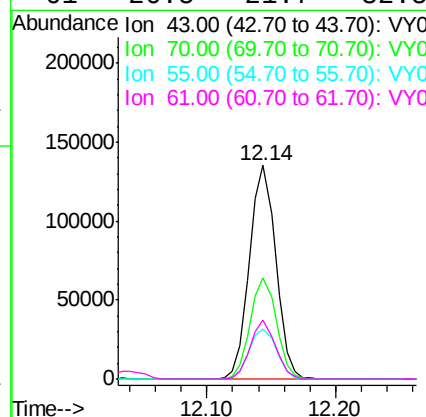
Manual Integrations
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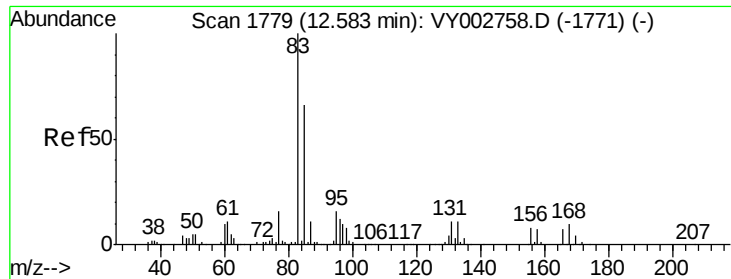
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6/8/2020 11:28:03 AM



#74
N-ethyl acetate
Concen: 50.589 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.3	37.7	56.5
55	24.3	19.8	29.6
61	26.5	21.7	32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.231 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

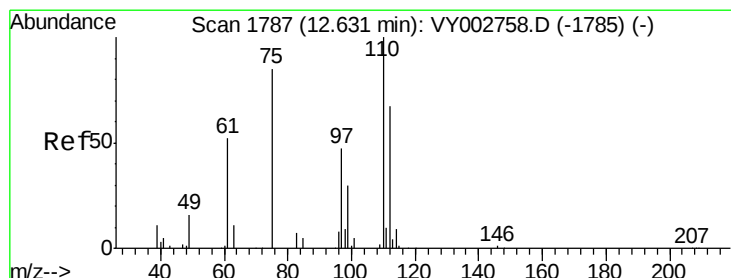
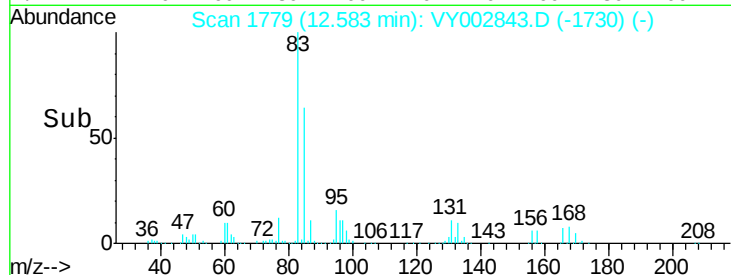
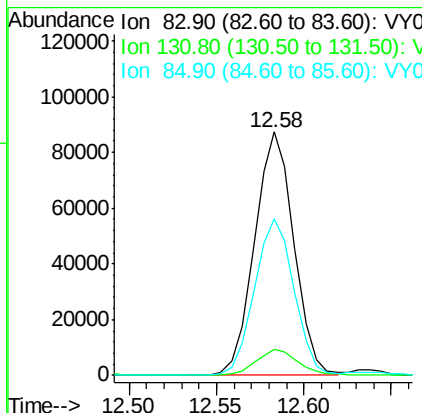
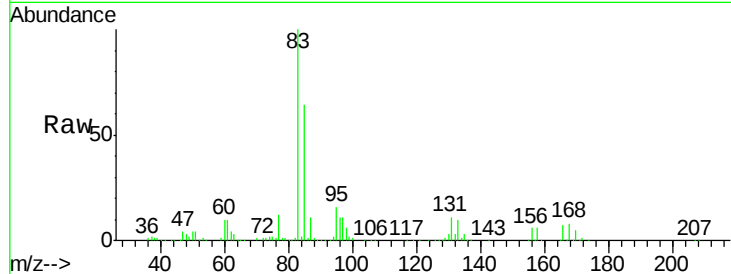
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	137244
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.4
85	64.7	32.6	98.0

Manual Integrations
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6/8/2020 11:28:03 AM



#76

1,2,3-Trichloropropane

Concen: 51.631 ug/l m

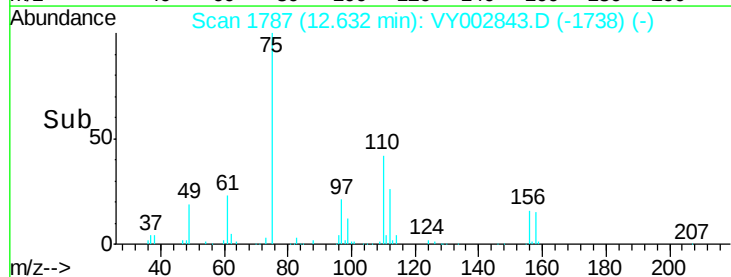
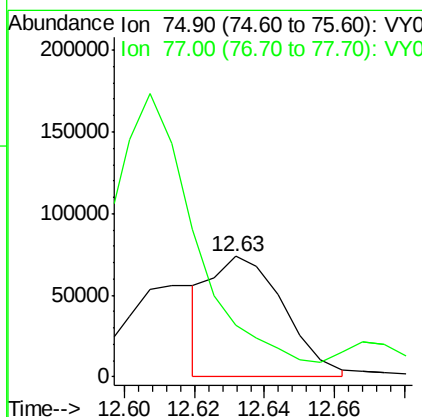
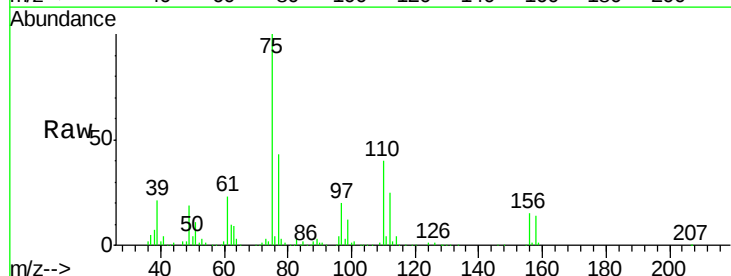
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Tgt Ion:	75	Resp:	106678
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.589 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

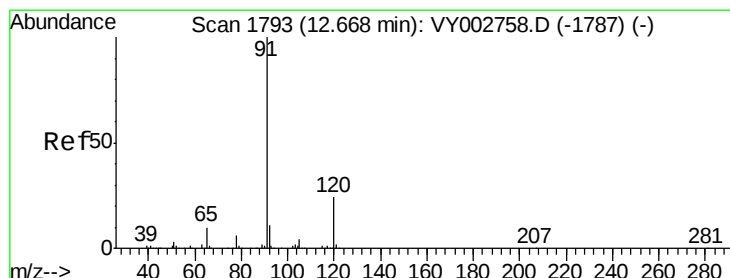
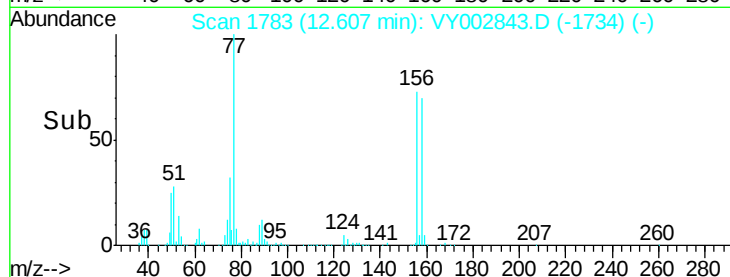
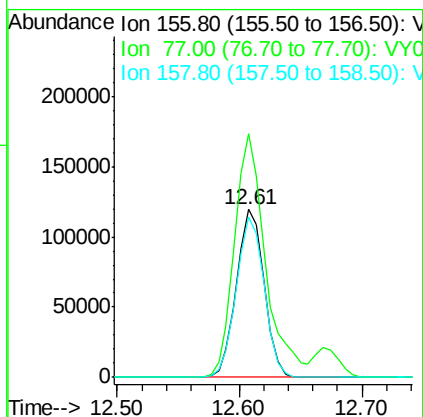
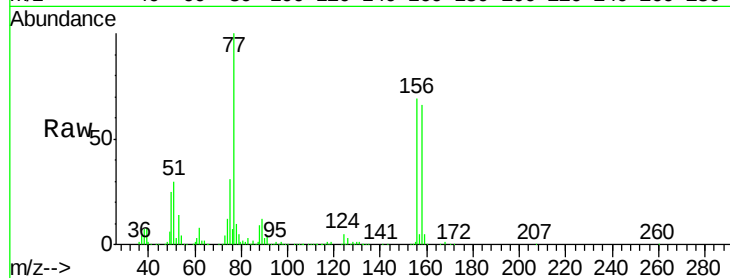
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	185916
Ion Ratio	Lower	Upper	
156	100		
77	163.4	81.4	244.2
158	96.8	48.5	145.6

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#78

n-propylbenzene

Concen: 49.258 ug/l

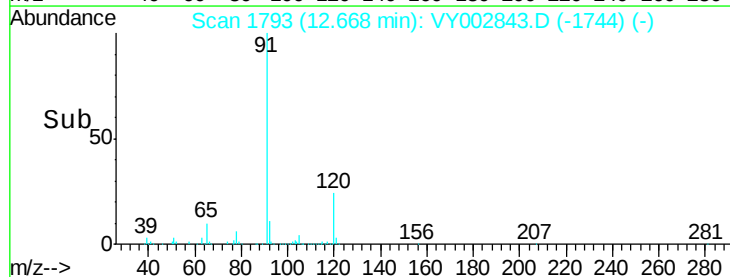
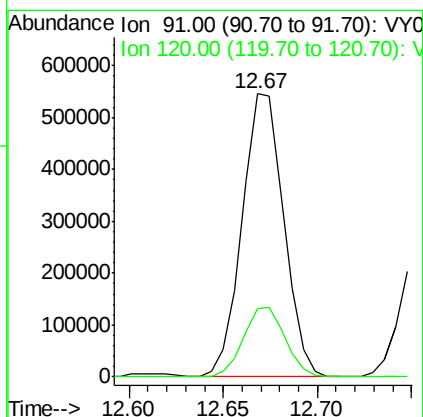
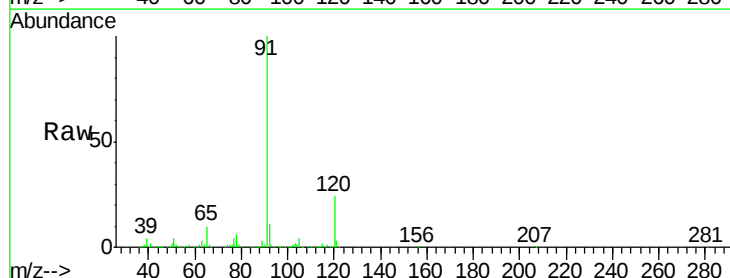
RT: 12.67 min Scan# 1793

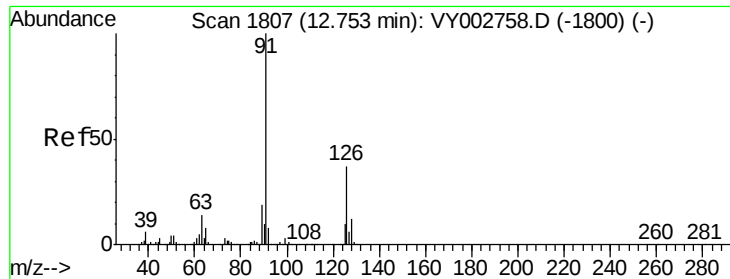
Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Tgt Ion:	91	Resp:	836111
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.9





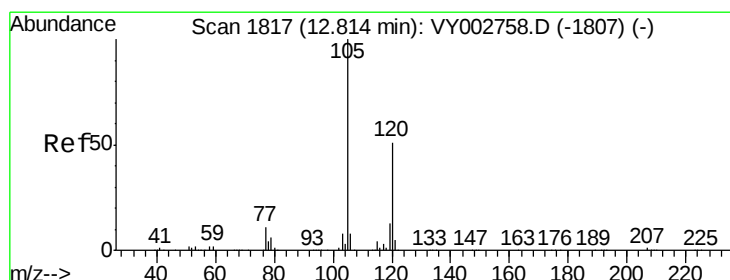
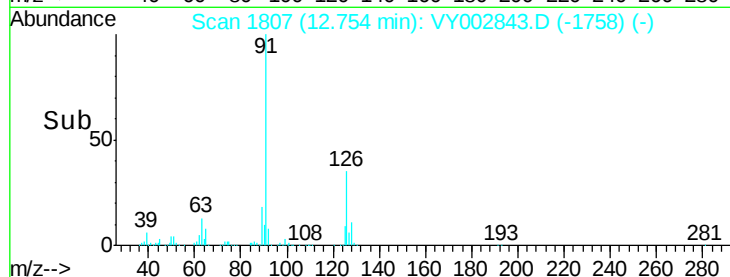
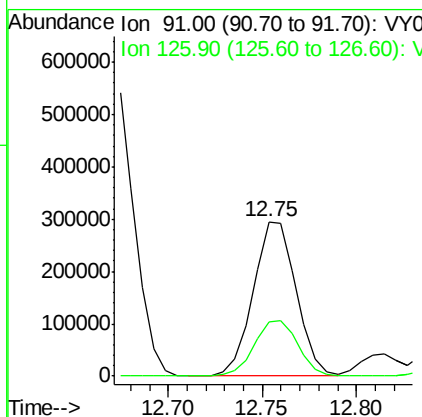
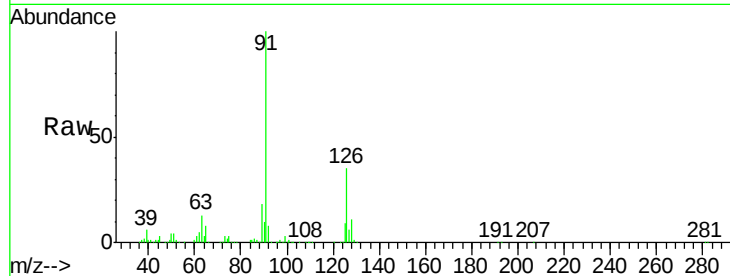
#79
2-Chlorotoluene
Concen: 48.920 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 465798
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.4

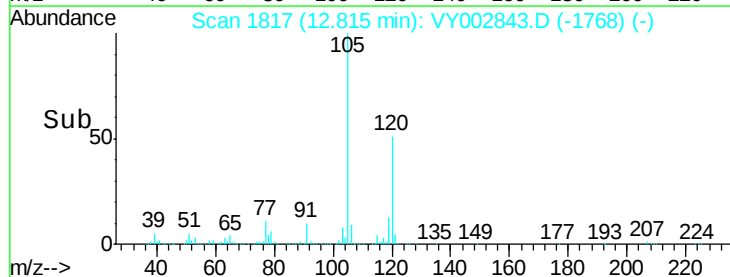
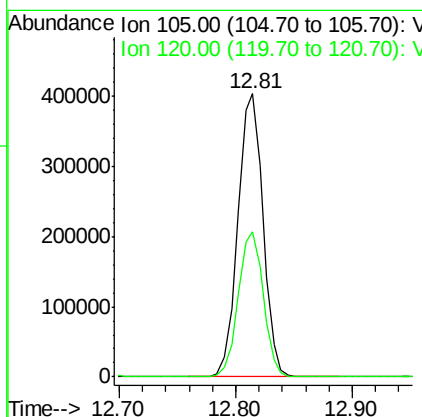
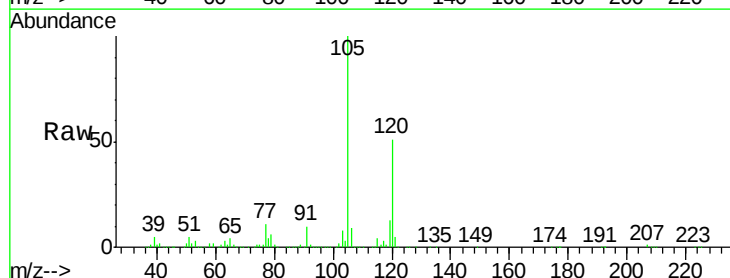
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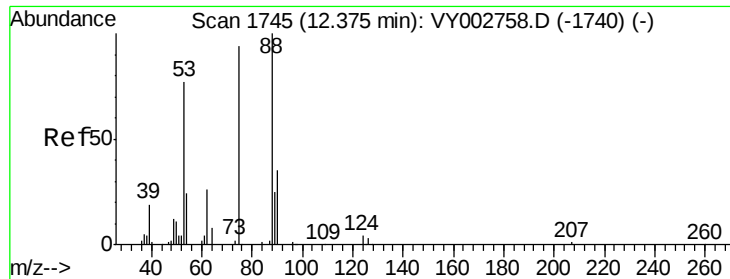
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#80
1,3,5-Trimethylbenzene
Concen: 49.370 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 105 Resp: 605737
Ion Ratio Lower Upper
105 100
120 51.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.176 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

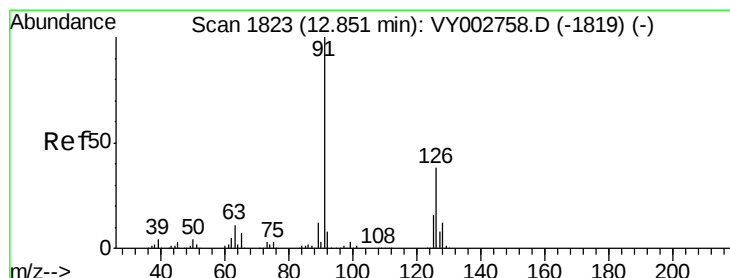
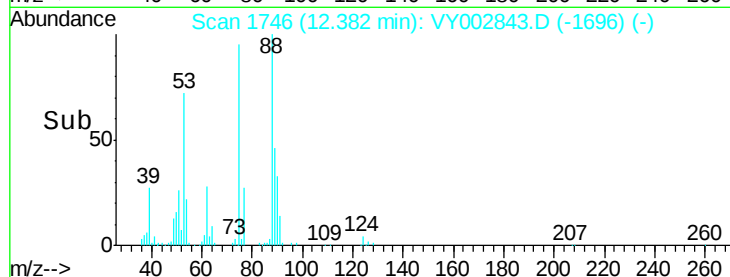
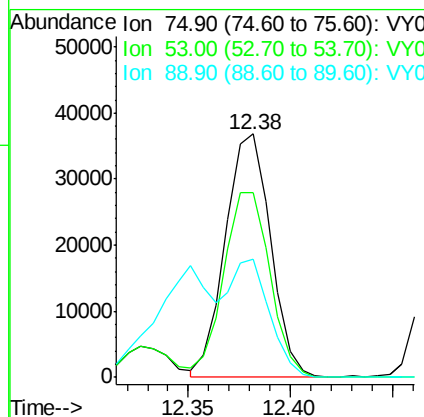
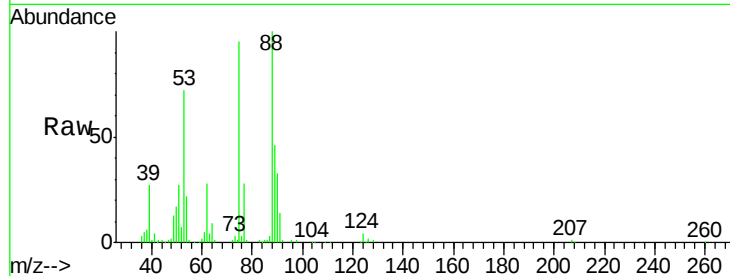
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	56124
Ion	Ratio	Lower	Upper
75	100		
53	78.8	64.0	96.0
89	44.8	37.4	56.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.913 ug/l

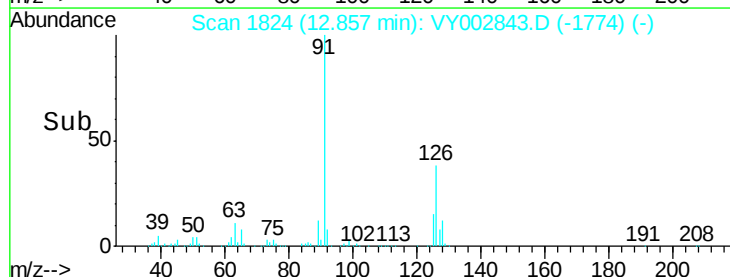
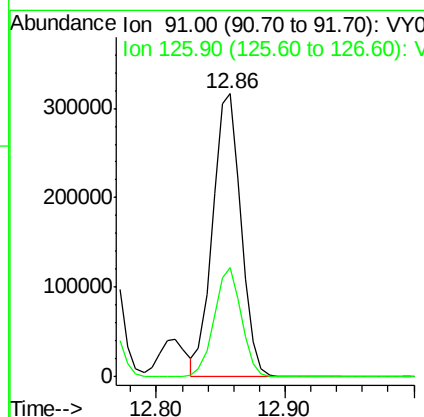
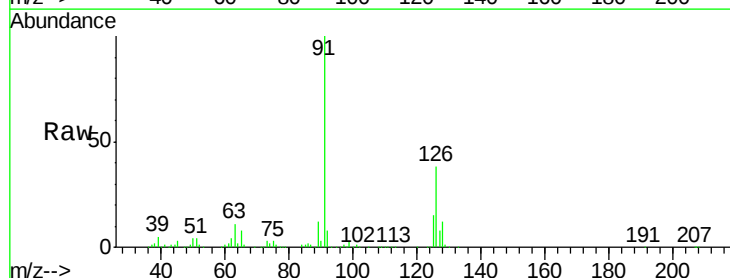
RT: 12.86 min Scan# 1824

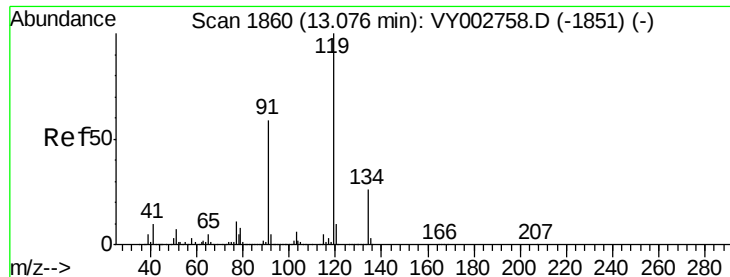
Delta R.T. 0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Tgt Ion:	91	Resp:	487950
Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5





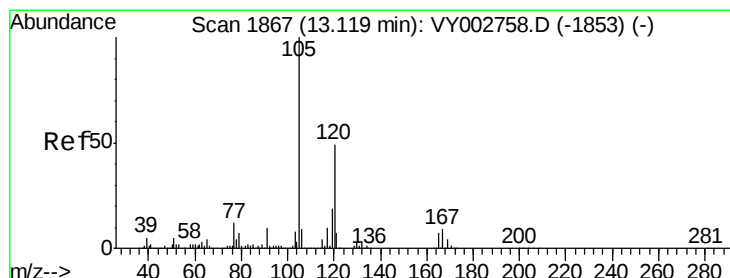
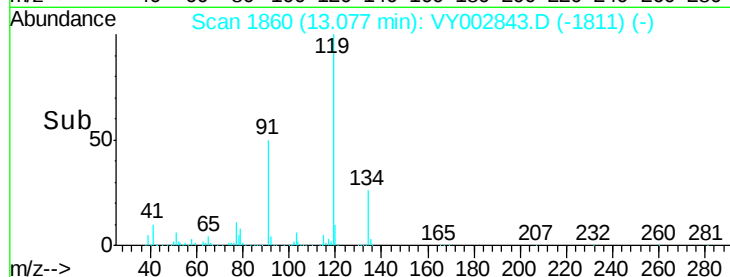
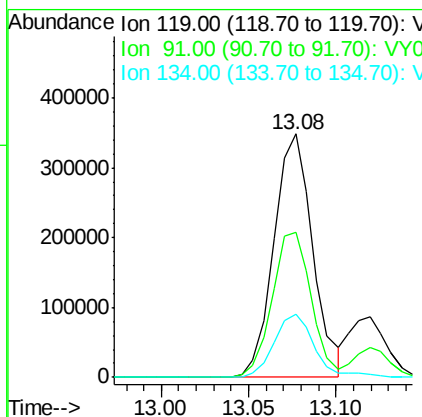
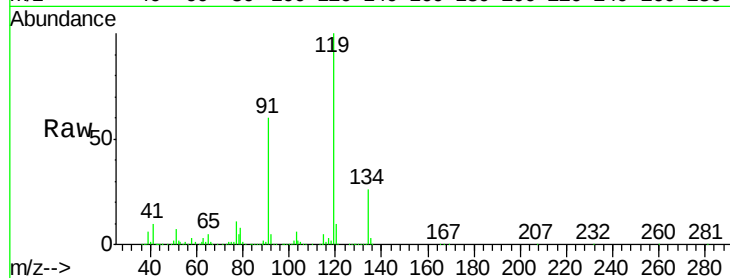
#83
tert-Butylbenzene
Concen: 49.437 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	541063		
91	59.8		29.8	89.4
134	27.1		13.3	39.8

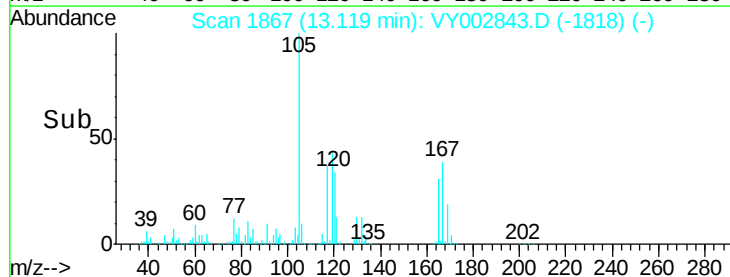
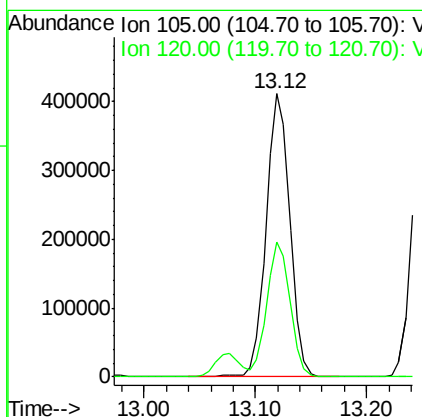
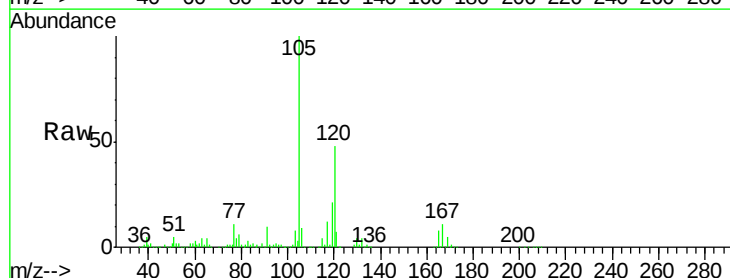
Manual Integrations
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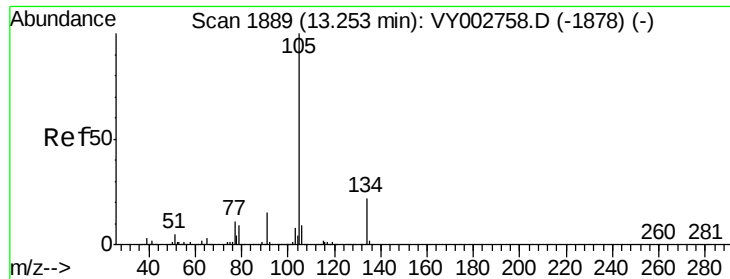
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#84
1,2,4-Trimethylbenzene
Concen: 49.712 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	613299		
120	46.5		23.6	70.8





#85

sec-Butylbenzene

Concen: 49.149 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 735488

Ion Ratio Lower Upper

105 100

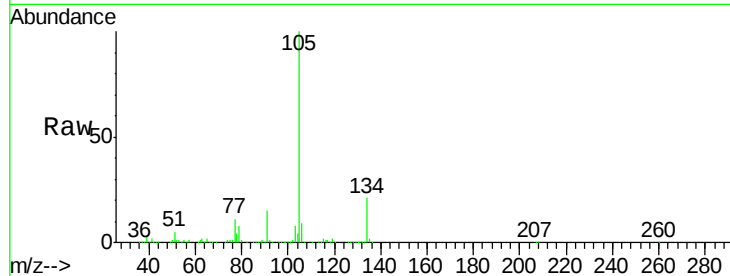
134 21.6 10.8 32.4

Manual Integrations

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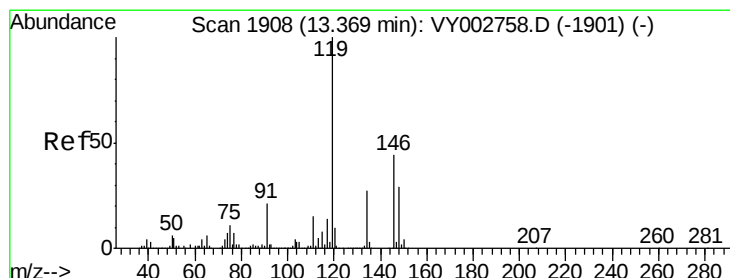
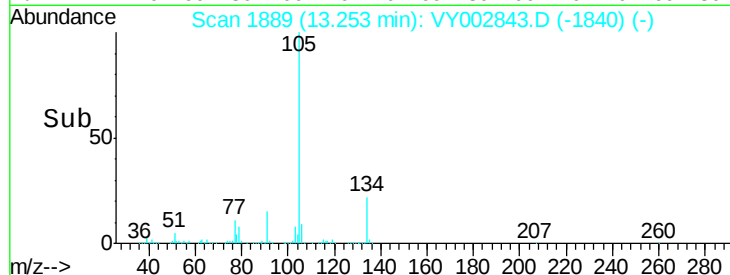
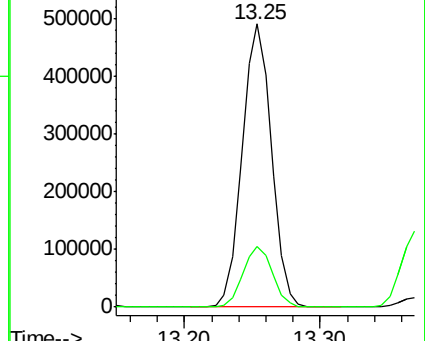
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.631 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

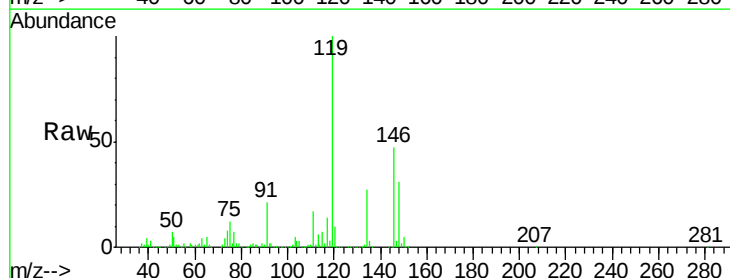
Tgt Ion:119 Resp: 691086

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

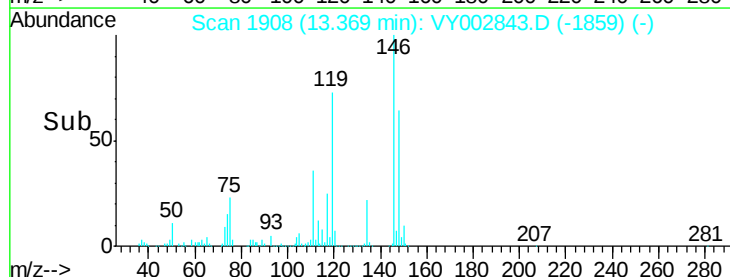
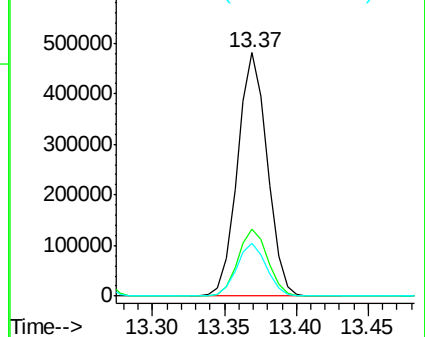
91 21.4 10.8 32.4

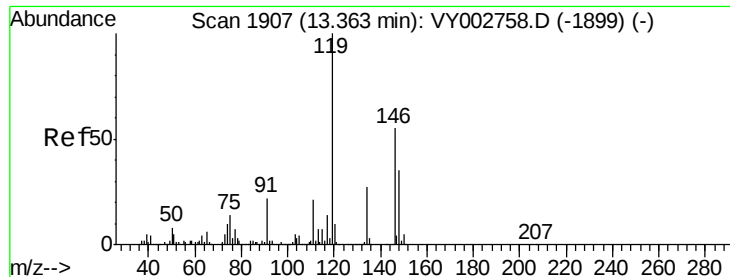


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





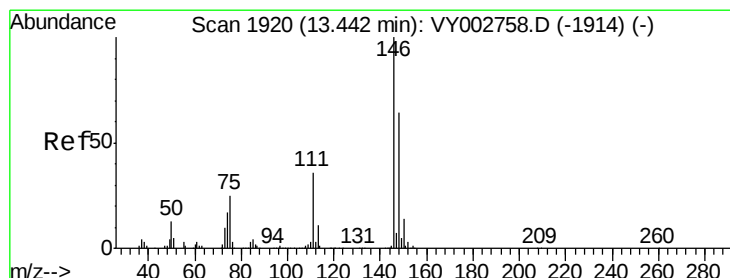
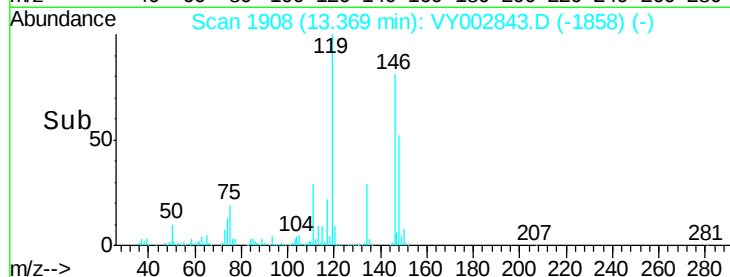
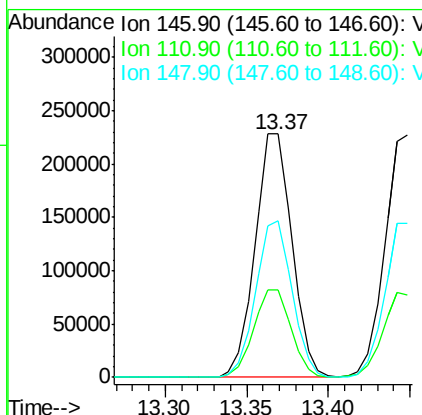
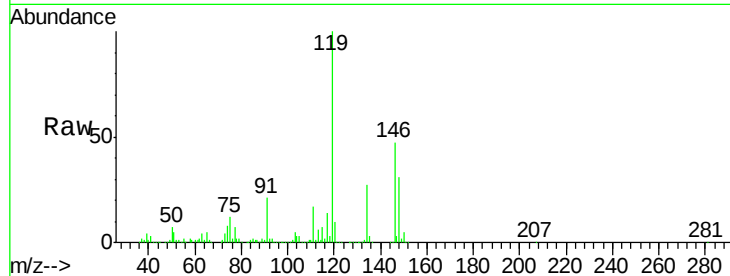
#87
 1,3-Dichlorobenzene
 Concen: 49.373 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.0
148	63.4	31.9	95.7

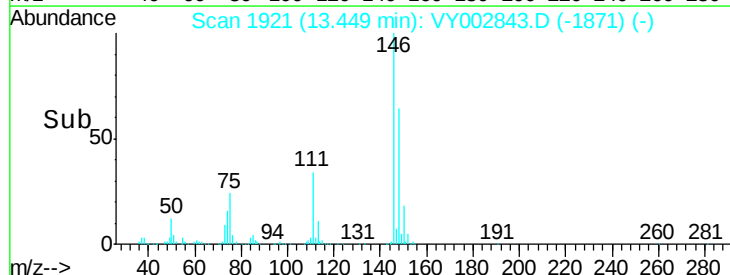
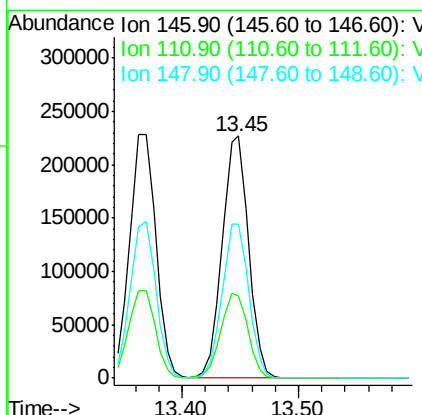
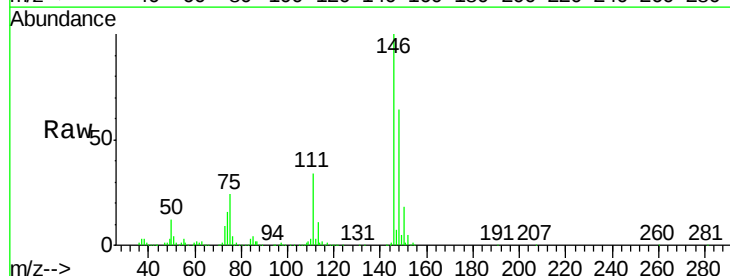
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#88
 1,4-Dichlorobenzene
 Concen: 48.870 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.3
148	64.6	32.1	96.3





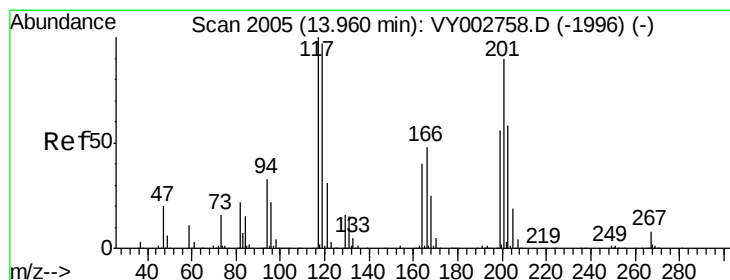
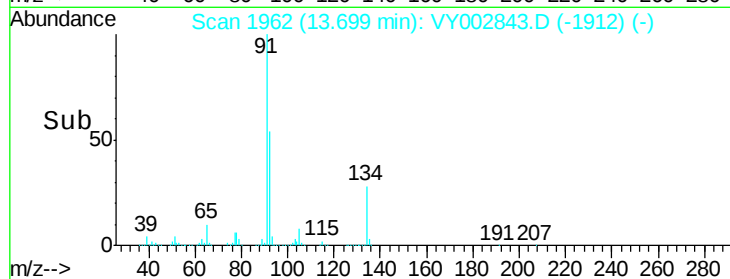
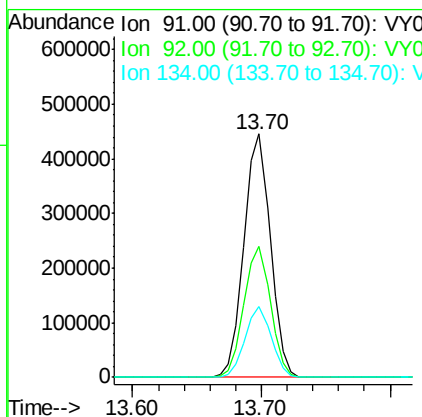
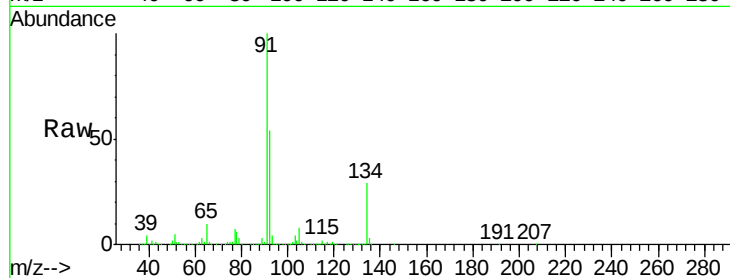
#89
n-Butylbenzene
Concen: 49.774 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.2
134	28.9	14.3	42.9

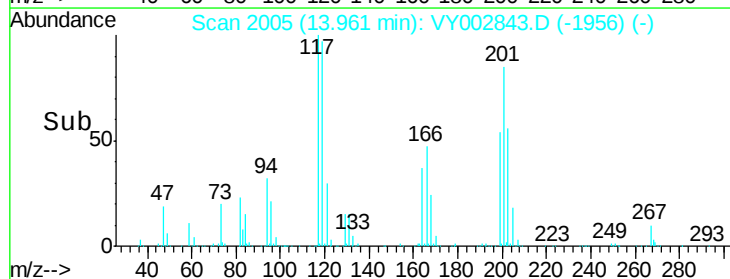
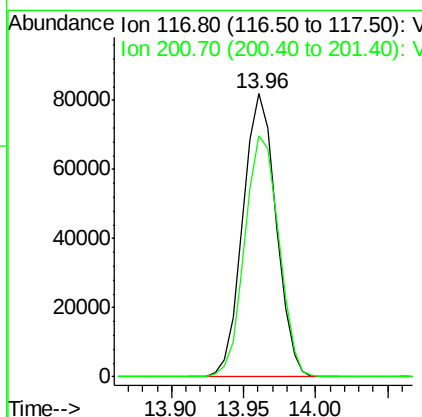
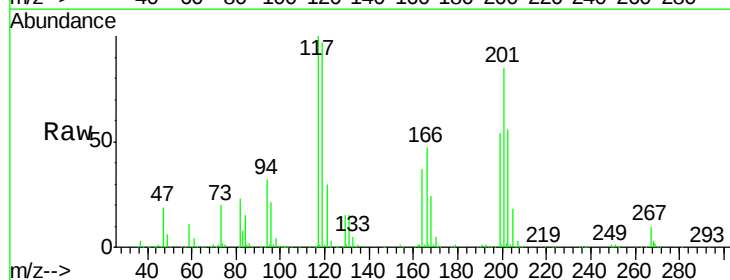
Manual Integrations
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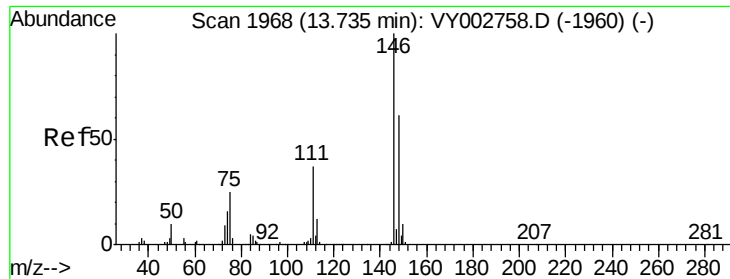
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#90
Hexachloroethane
Concen: 50.327 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	43.9	131.6





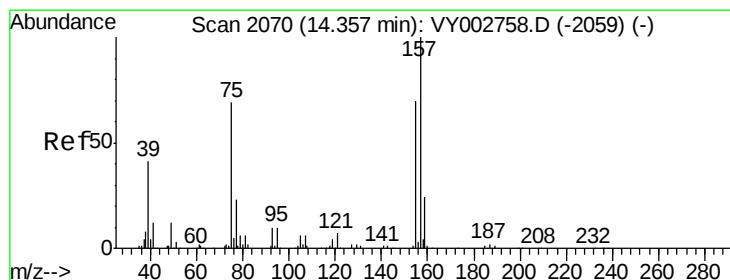
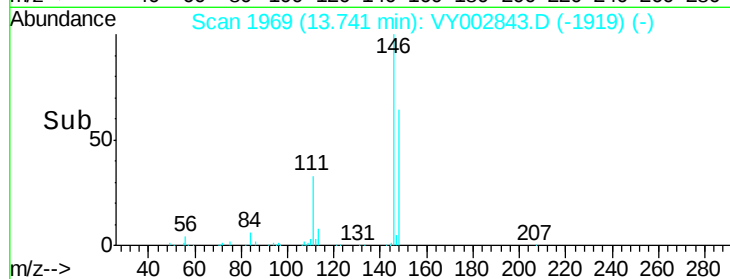
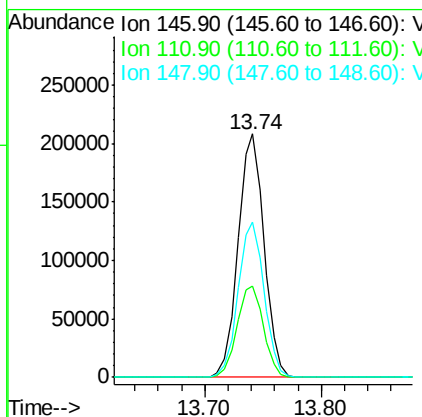
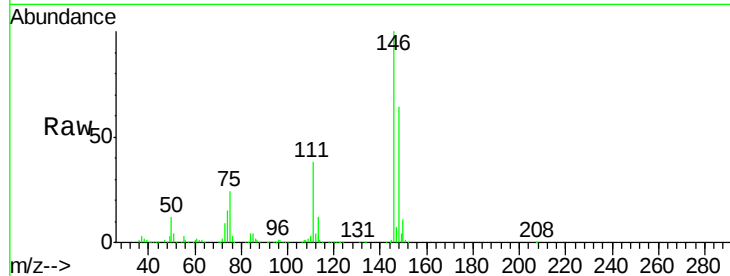
#91
 1,2-Dichlorobenzene
 Concen: 49.279 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	323913
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.9	56.9
148	63.7	31.9	95.5

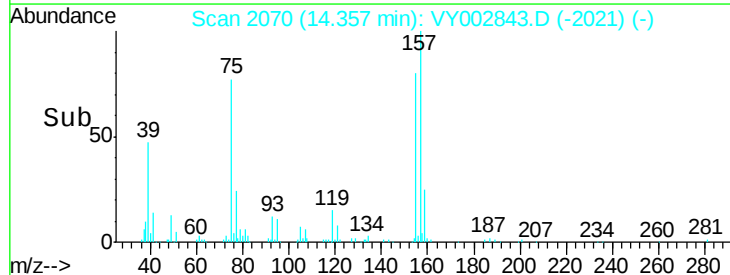
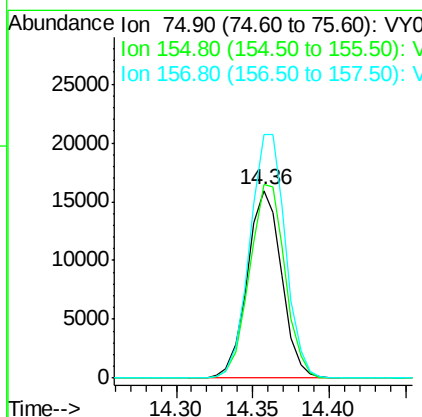
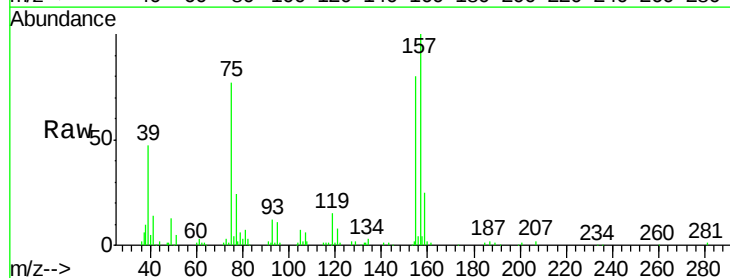
Manual Integrations
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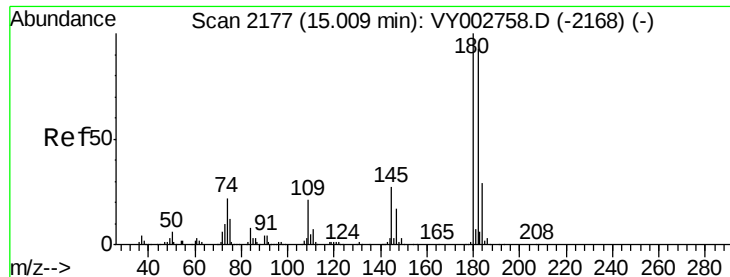
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.178 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion:	75	Resp:	24890
Ion Ratio	Lower	Upper	
75	100		
155	106.4	53.5	160.5
157	134.4	69.9	209.7





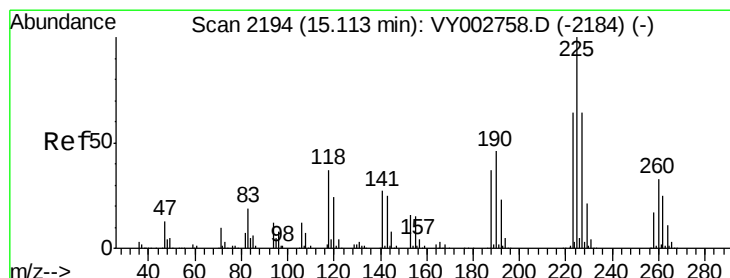
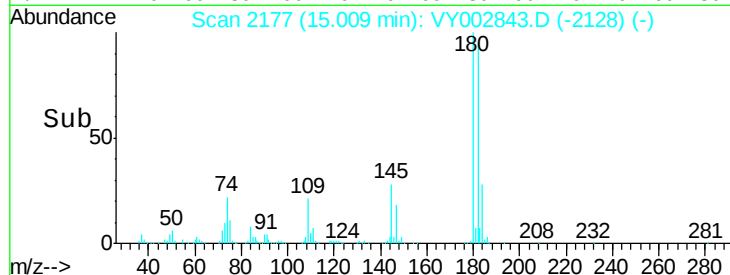
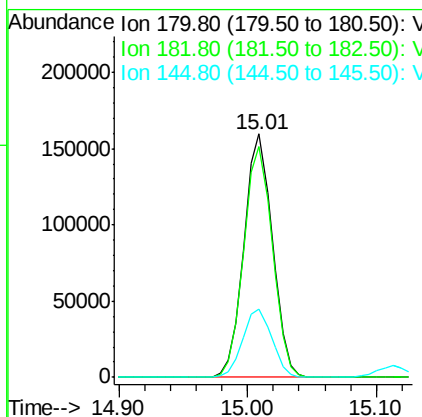
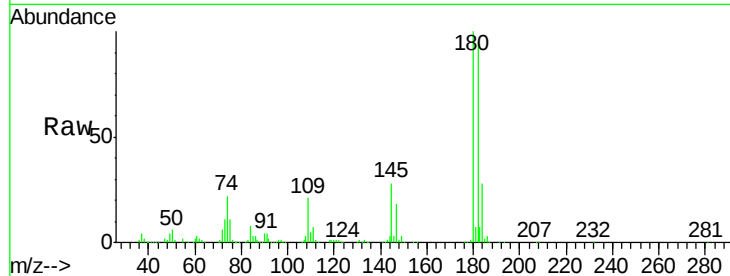
#93
 1,2,4-Trichlorobenzene
 Concen: 48.985 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	242692		
182	95.9	47.3	141.9	
145	28.8	14.1	42.3	

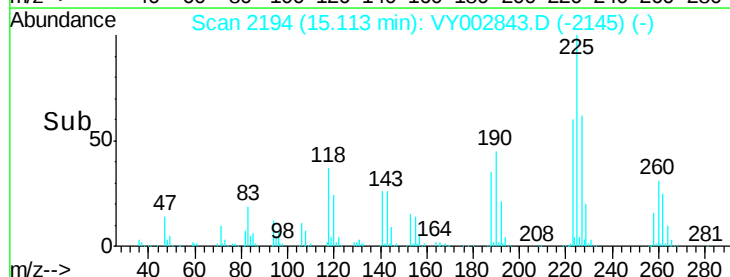
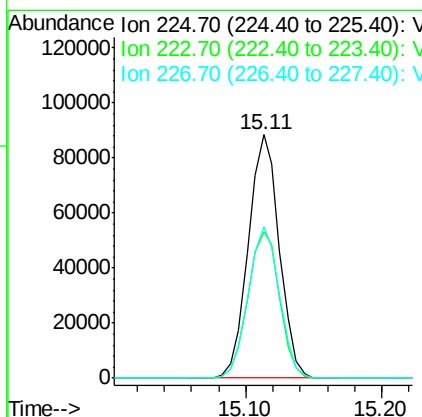
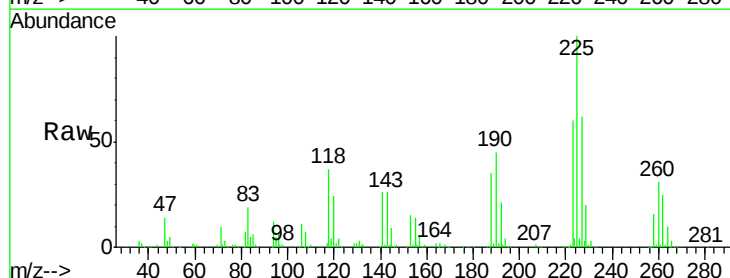
Manual Integrations
 APPROVED

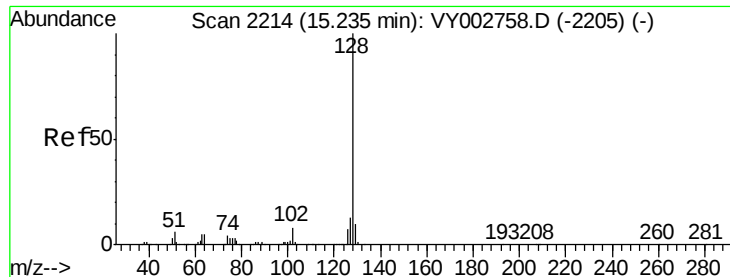
MMDadoda
 6/8/2020 11:28:03 AM



#94
 Hexachlorobutadiene
 Concen: 50.082 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140733		
223	61.5	31.6	95.0	
227	62.9	32.3	96.9	





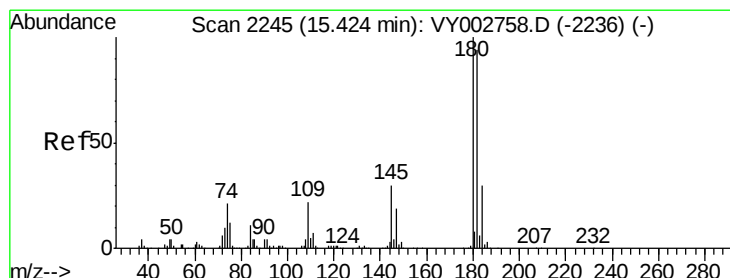
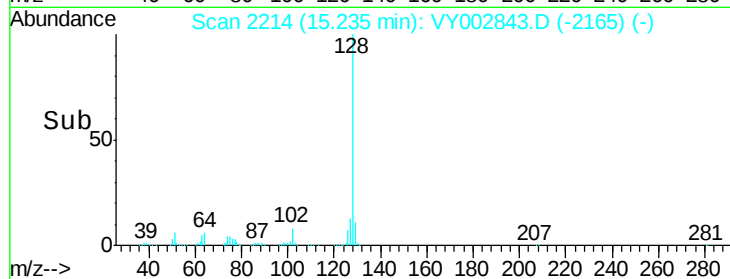
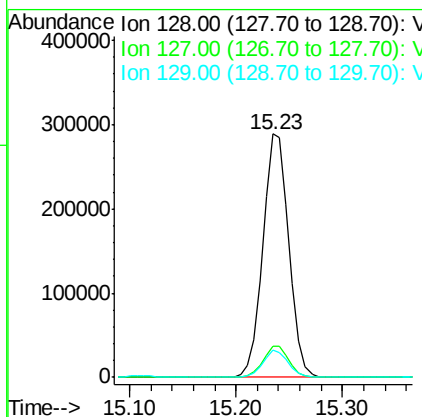
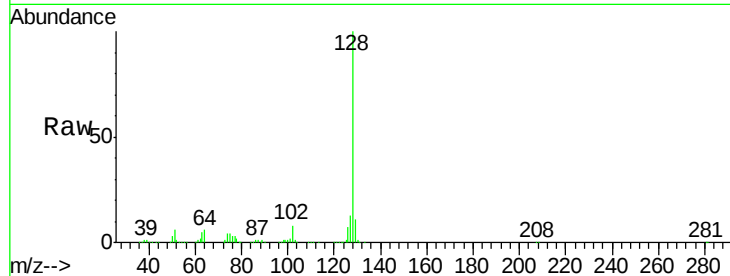
#95
Naphthalene
Concen: 49.360 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.896 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.4
145	30.0	15.1	45.3

