

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001868.D
 Acq On : 05 Mar 2020 09:45
 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
 3/6/2020 11:16:43 AM

Quant Time: Mar 06 04:46:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	172124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	311894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	94298	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.74	113	88916	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.19	98	376012	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.49	95	129422	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	77532	48.798	ug/l	98
3) Chloromethane	2.13	50	108155	50.490	ug/l	97
4) Vinyl Chloride	2.27	62	110640	50.778	ug/l	99
5) Bromomethane	2.67	94	72142	57.575	ug/l	97
6) Chloroethane	2.82	64	70590	51.574	ug/l	95
7) Trichlorofluoromethane	3.15	101	149930	50.738	ug/l	99
8) Diethyl Ether	3.55	74	60139	51.637	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	96338	50.688	ug/l	100
10) Methyl Iodide	4.12	142	115859	52.712	ug/l	99
11) Tert butyl alcohol	4.99	59	44618	231.674	ug/l	97
12) 1,1-Dichloroethene	3.90	96	99699	52.097	ug/l	99
13) Acrolein	3.75	56	60364	233.772	ug/l	97
14) Allyl chloride	4.51	41	177146	52.215	ug/l	99
15) Acrylonitrile	5.20	53	159847	256.845	ug/l	100
16) Acetone	3.98	43	150364	280.948	ug/l	98
17) Carbon Disulfide	4.22	76	329245	51.179	ug/l	100
18) Methyl Acetate	4.51	43	68189	49.586	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	265234	51.144	ug/l	96
20) Methylene Chloride	4.75	84	109977	47.946	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	110838	51.028	ug/l	96
22) Diisopropyl ether	6.15	45	357524	51.410	ug/l	99
23) Vinyl Acetate	6.10	43	1195398	262.205	ug/l	98
24) 1,1-Dichloroethane	6.05	63	191593	50.875	ug/l	98
25) 2-Butanone	7.02	43	217160	266.816	ug/l	100
26) 2,2-Dichloropropane	7.01	77	157479	50.948	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	120595	51.040	ug/l	99
28) Bromochloromethane	7.36	49	87878	51.769	ug/l	97
29) Tetrahydrofuran	7.38	42	137694	254.763	ug/l	100
30) Chloroform	7.53	83	180510	51.017	ug/l	99
31) Cyclohexane	7.81	56	199205	49.333	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	151758	50.889	ug/l	99
36) 1,1-Dichloropropene	7.94	75	153857	51.262	ug/l	99
37) Ethyl Acetate	7.10	43	89960	51.571	ug/l	99
38) Carbon Tetrachloride	7.92	117	133614	52.113	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	202279	50.814	ug/l	99
40) Benzene	8.18	78	454429	51.082	ug/l	100
41) Methacrylonitrile	7.34	41	42662m	54.343	ug/l	
42) 1,2-Dichloroethane	8.26	62	116888	50.990	ug/l	100
43) Isopropyl Acetate	8.29	43	171836	52.030	ug/l	98
44) Trichloroethene	8.96	130	110065	50.802	ug/l	97
45) 1,2-Dichloropropane	9.24	63	115130	51.482	ug/l	100
46) Dibromomethane	9.32	93	57418	49.823	ug/l	98
47) Bromodichloromethane	9.52	83	139694	52.109	ug/l	99
48) Methyl methacrylate	9.31	41	76336	52.090	ug/l	95
49) 1,4-Dioxane	9.32	88	15841	1003.161	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	446561	262.514	ug/l	100
52) Toluene	10.25	92	278920	51.612	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	153207	52.456	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	181106	52.088	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	86425	51.243	ug/l	97
56) Ethyl methacrylate	10.52	69	130666	52.857	ug/l	97
57) 1,3-Dichloropropane	10.80	76	154070	51.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	202960	232.622	ug/l	100
59) 2-Hexanone	10.85	43	327931	270.088	ug/l	99
60) Dibromochloromethane	11.00	129	92777	52.205	ug/l	99
61) 1,2-Dibromoethane	11.10	107	82102	51.391	ug/l	99
64) Tetrachloroethene	10.73	164	88242	50.760	ug/l	97
65) Chlorobenzene	11.53	112	281949	51.046	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	95155	52.534	ug/l	99
67) Ethyl Benzene	11.60	91	530595	51.508	ug/l	97
68) m/p-Xylenes	11.71	106	395564	103.864	ug/l	99
69) o-Xylene	12.04	106	186413	51.932	ug/l	98
70) Styrene	12.05	104	323675	52.648	ug/l	99
71) Bromoform	12.22	173	52222	53.163	ug/l #	100
73) Isopropylbenzene	12.34	105	497446	50.774	ug/l	99
74) N-amyl acetate	12.16	43	157356	52.258	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	108912	51.550	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	73117m	48.013	ug/l	
77) Bromobenzene	12.62	156	105377	50.766	ug/l	99
78) n-propylbenzene	12.68	91	617075	51.053	ug/l	100
79) 2-Chlorotoluene	12.77	91	337661	50.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	408479	50.645	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	40281	53.429	ug/l	98
82) 4-Chlorotoluene	12.86	91	352074	50.637	ug/l	99
83) tert-Butylbenzene	13.09	119	351394	52.454	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	409160	51.117	ug/l	100
85) sec-Butylbenzene	13.27	105	510520	51.702	ug/l	100
86) p-Isopropyltoluene	13.38	119	438314	51.458	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	206141	50.679	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	204755	49.619	ug/l	98
89) n-Butylbenzene	13.70	91	452317	51.183	ug/l	99
90) Hexachloroethane	13.97	117	84304	52.463	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	187356	50.700	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	16663	50.542	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	121009	50.494	ug/l	99
94) Hexachlorobutadiene	15.12	225	60160	51.490	ug/l	99
95) Naphthalene	15.25	128	287920	50.651	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	106256	50.331	ug/l	99

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

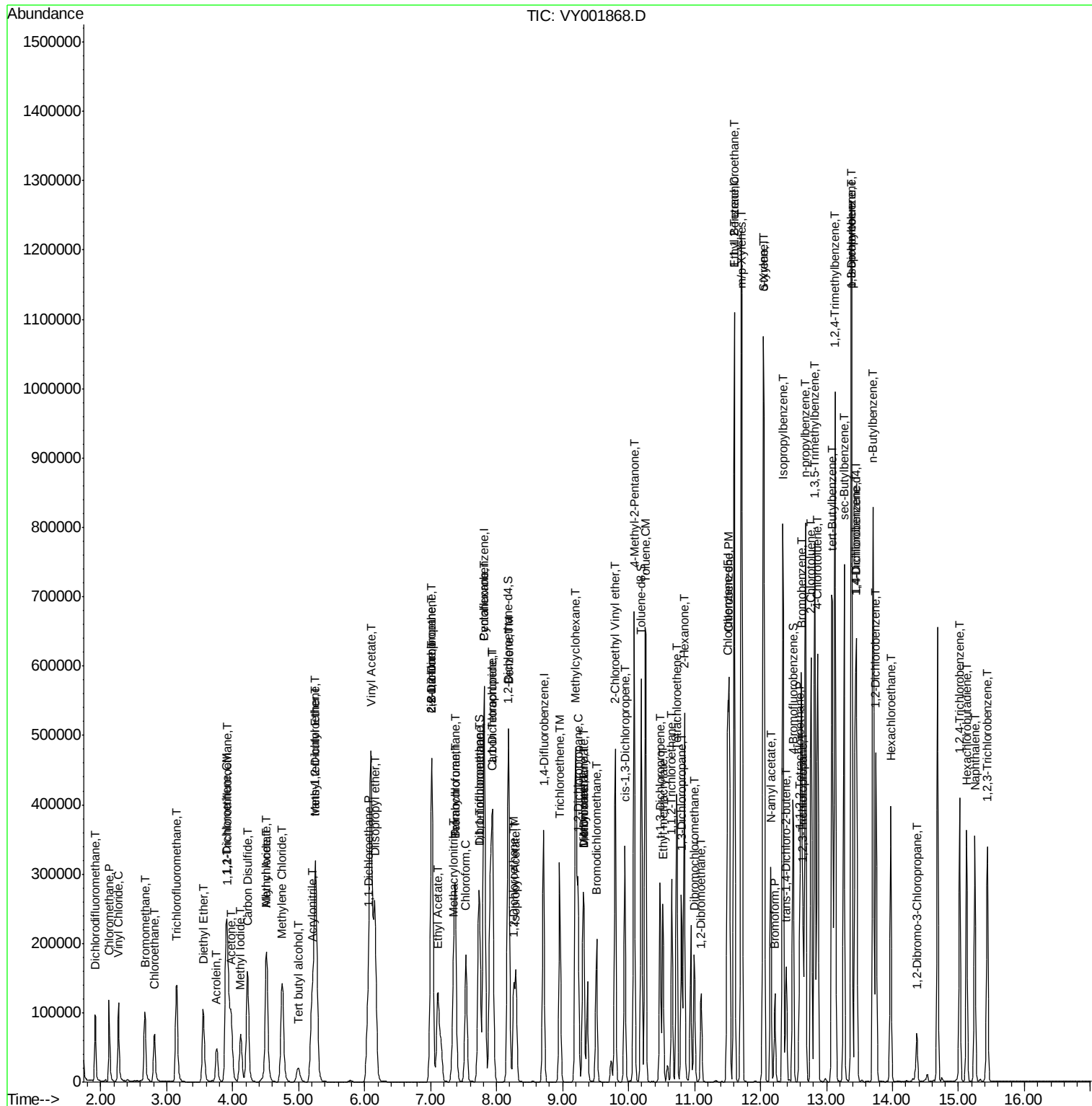
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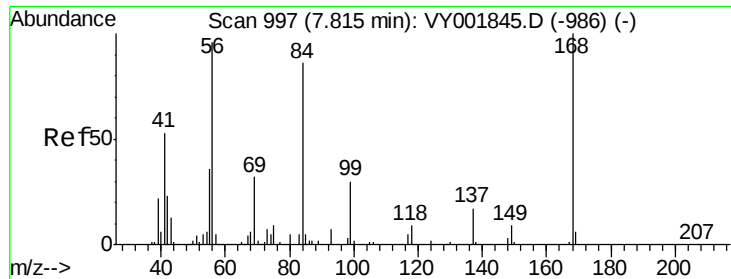
Instrument :
 MSVOA_Y
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#1

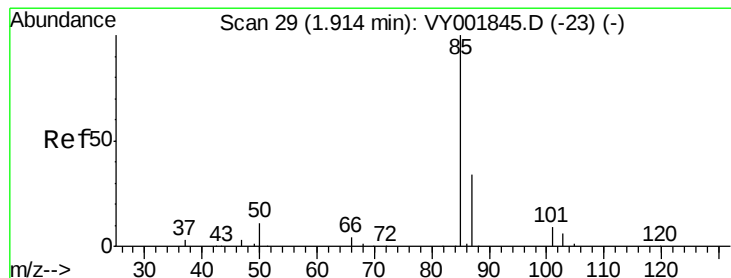
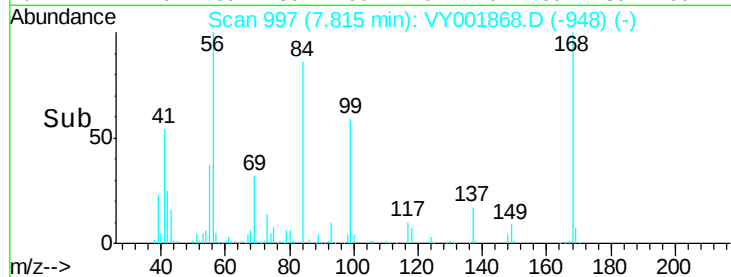
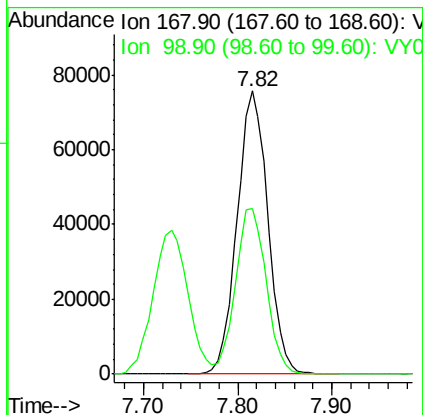
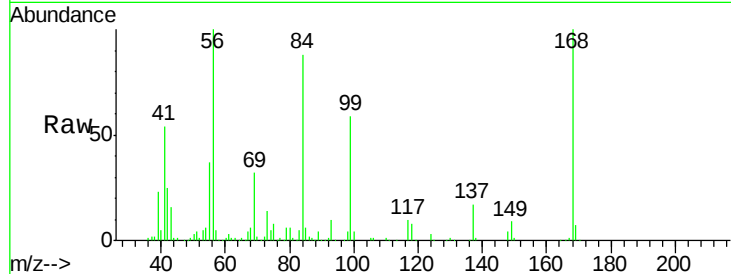
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.6	46.7	70.1

Manual Integrations
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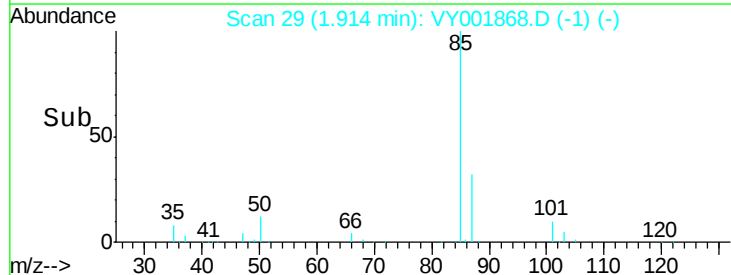
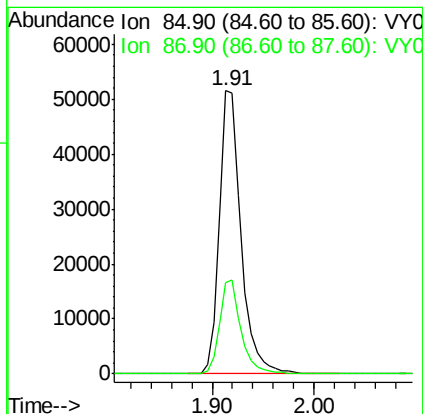
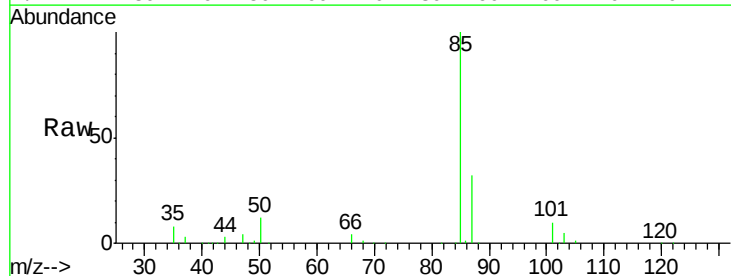
MMDadoda
 3/6/2020 11:16:43 AM

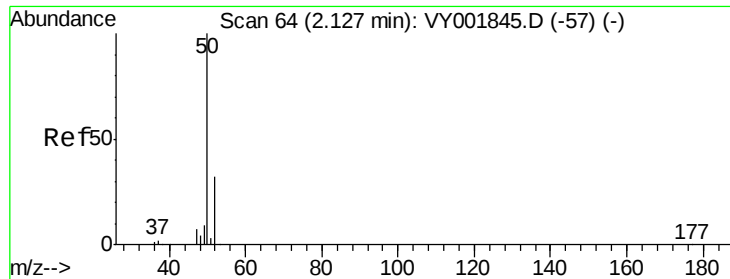


#2

Dichlorodifluoromethane
 Concen: 48.798 ug/l
 RT: 1.91 min Scan# 29
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.8	50.4





#3

Chloromethane

Concen: 50.490 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 108155

Ion Ratio Lower Upper

50 100

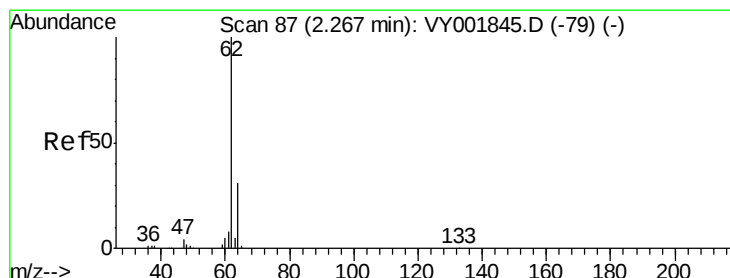
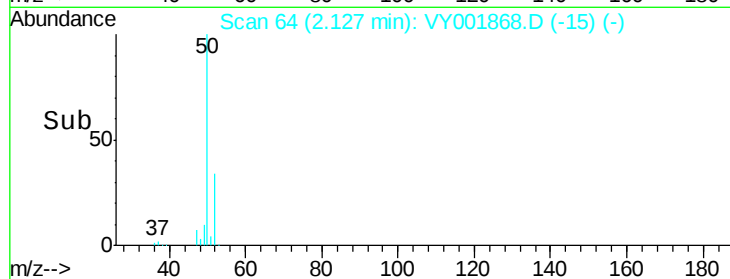
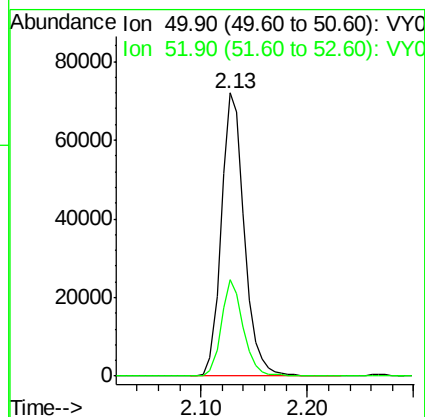
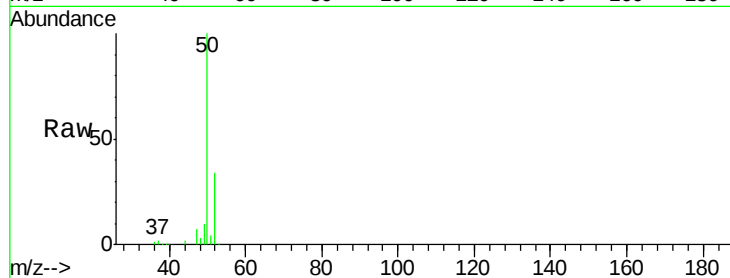
52 34.0 25.8 38.6

Manual Integrations

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3/6/2020 11:16:43 AM



#4

Vinyl Chloride

Concen: 50.778 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001868.D

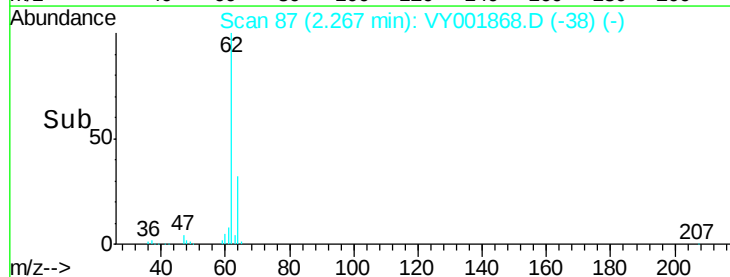
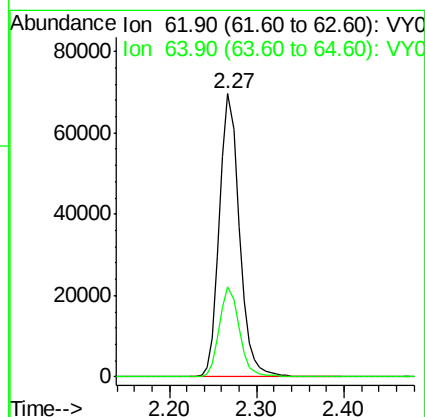
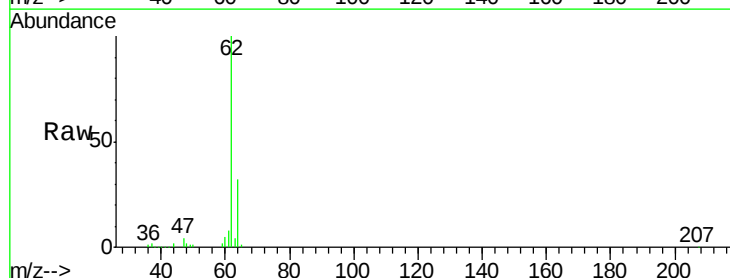
Acq: 05 Mar 2020 09:45

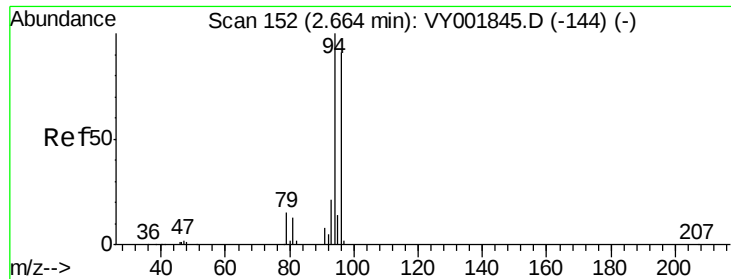
Tgt Ion: 62 Resp: 110640

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 57.575 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 72142

Ion Ratio Lower Upper

94 100

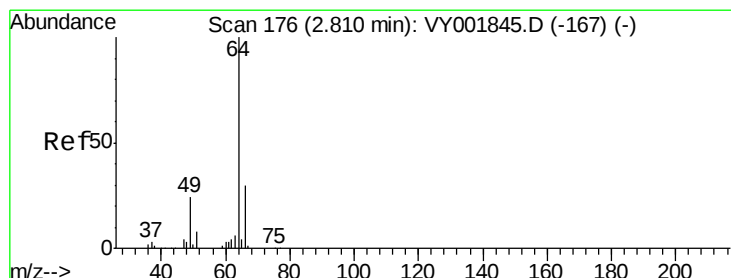
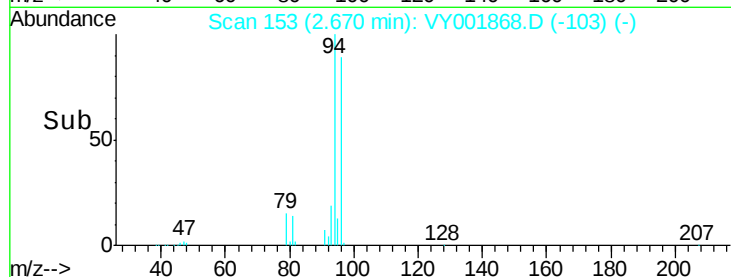
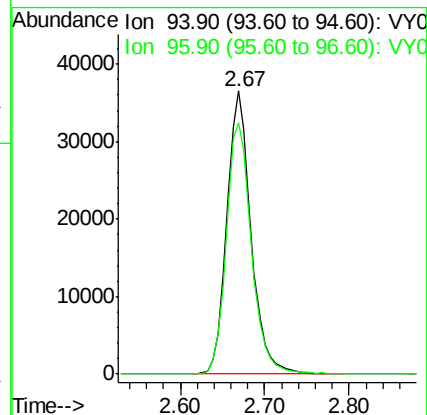
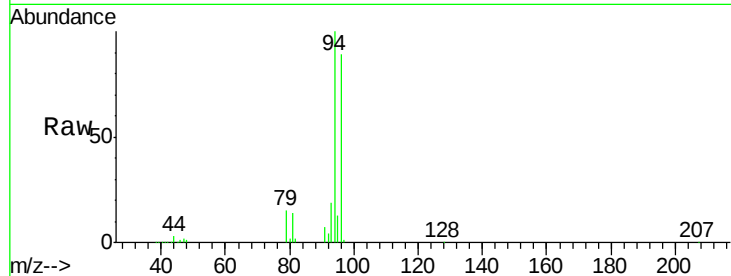
96 88.9 73.2 109.8

Manual Integrations

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3/6/2020 11:16:43 AM



#6

Chloroethane

Concen: 51.574 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001868.D

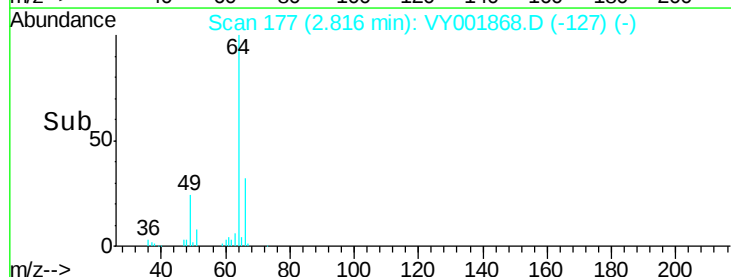
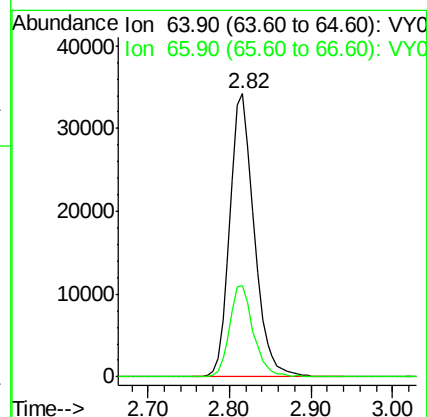
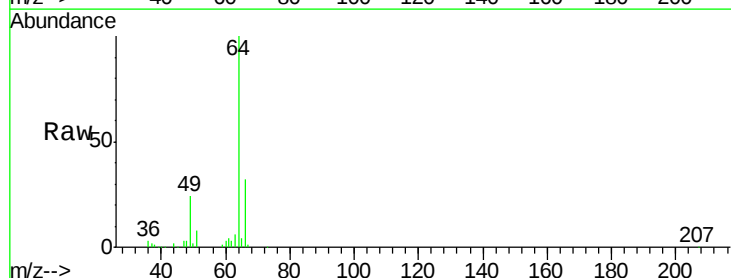
Acq: 05 Mar 2020 09:45

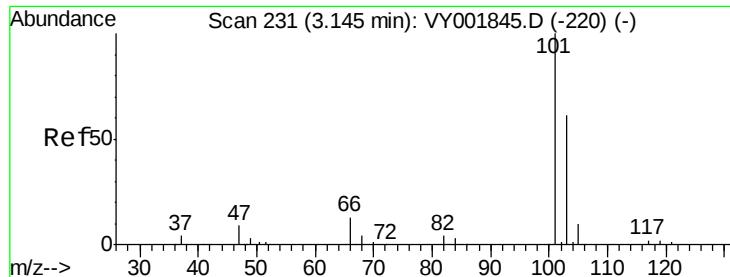
Tgt Ion: 64 Resp: 70590

Ion Ratio Lower Upper

64 100

66 32.3 23.8 35.8





#7

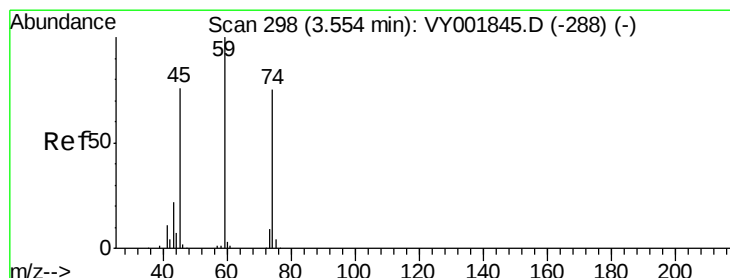
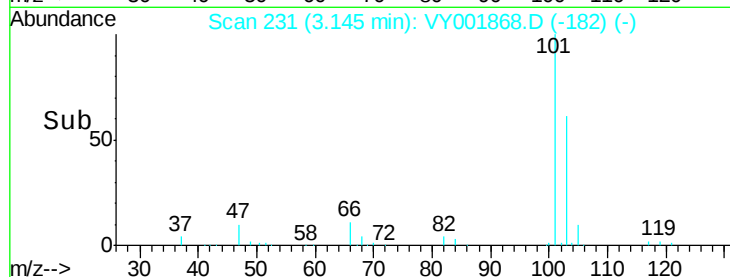
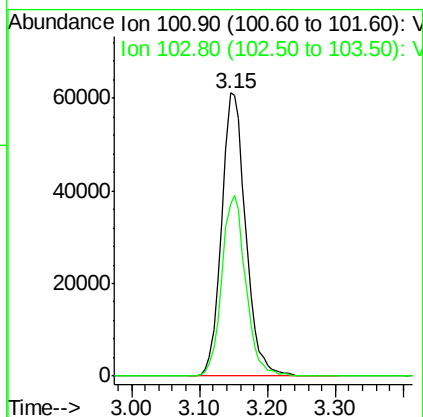
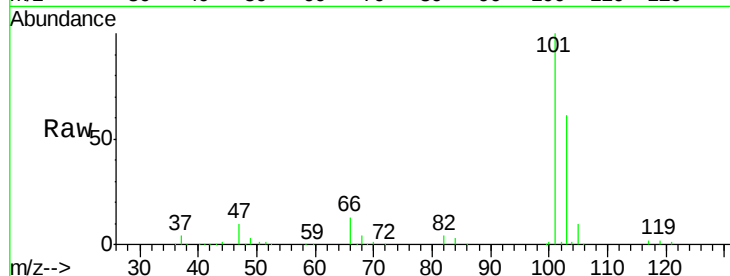
Trichlorofluoromethane
Concen: 50.738 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
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Tot Ion	101	Resp	149930
Ion Ratio	Lower	Upper	
101	100		
103	60.8	49.1	73.7

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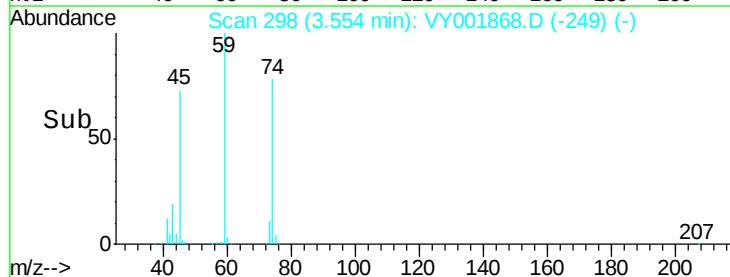
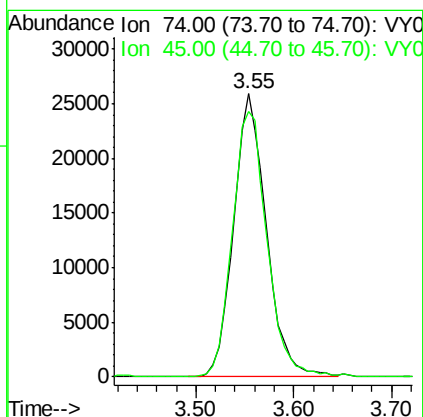
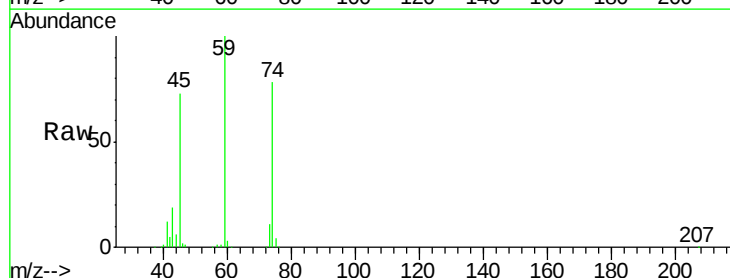
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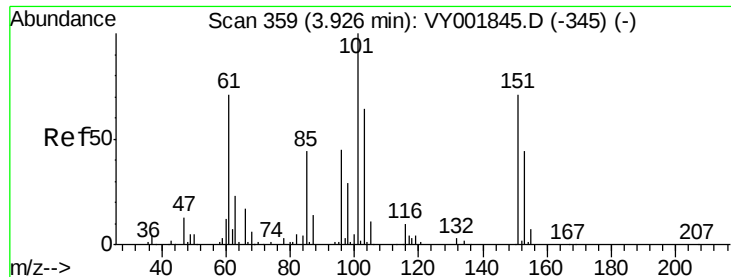


#8

Diethyl Ether
Concen: 51.637 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.00 min
Lab File: VY001868.D
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Tgt Ion	74	Resp	60139
Ion Ratio	Lower	Upper	
74	100		
45	98.9	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.688 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

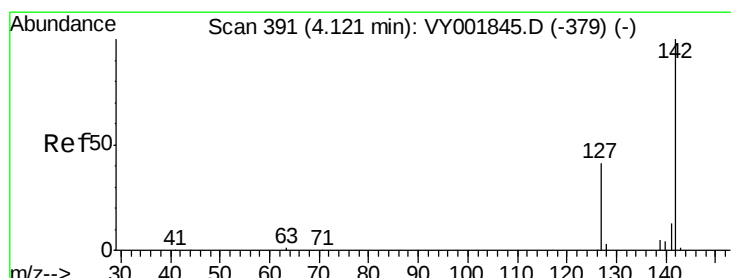
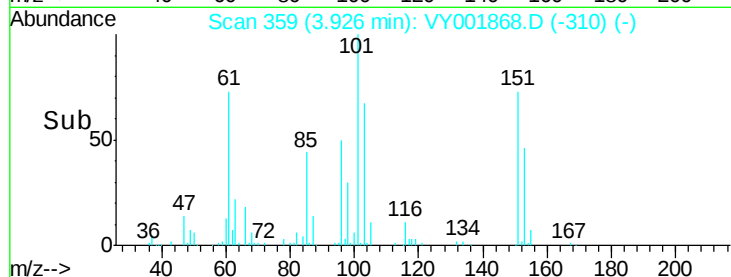
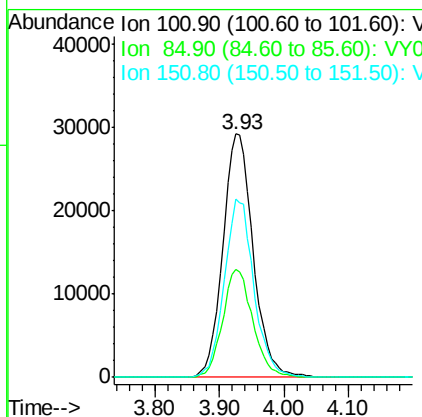
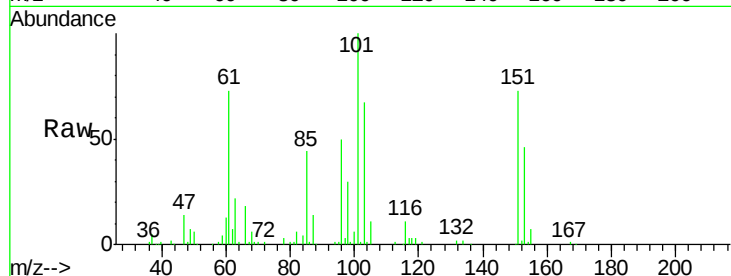
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	96338
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.3	52.9
151	71.6	57.0	85.4

Manual Integrations
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#10

Methyl Iodide

Concen: 52.712 ug/l

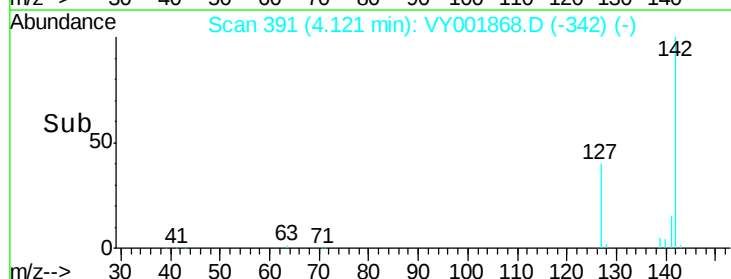
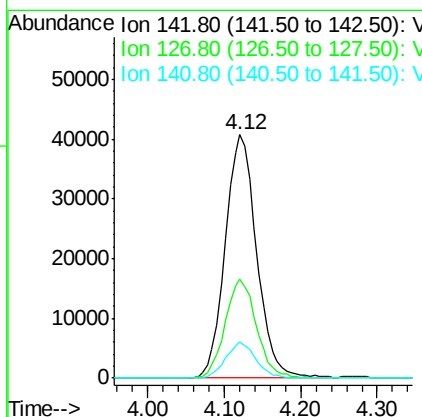
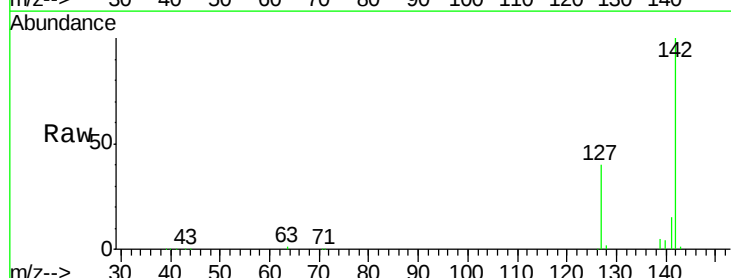
RT: 4.12 min Scan# 391

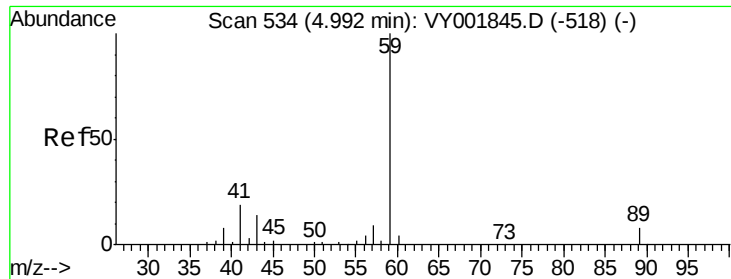
Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Tgt Ion:	142	Resp:	115859
Ion Ratio	Lower	Upper	
142	100		
127	40.6	32.7	49.1
141	14.1	11.0	16.6





#11

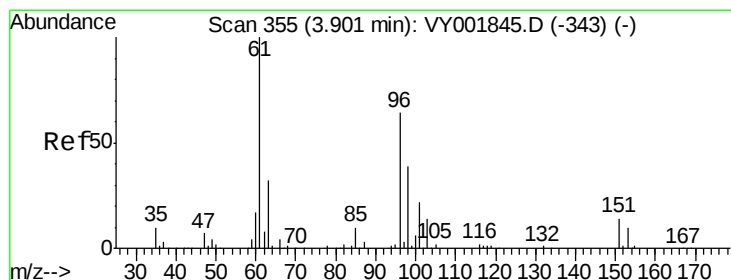
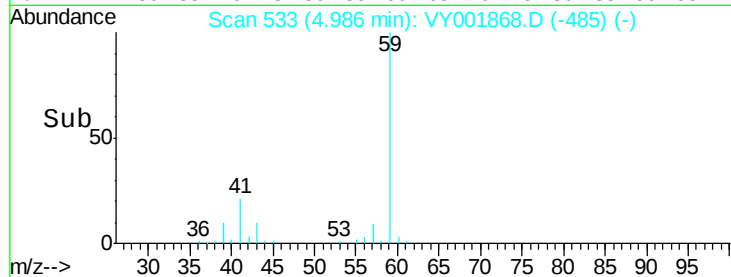
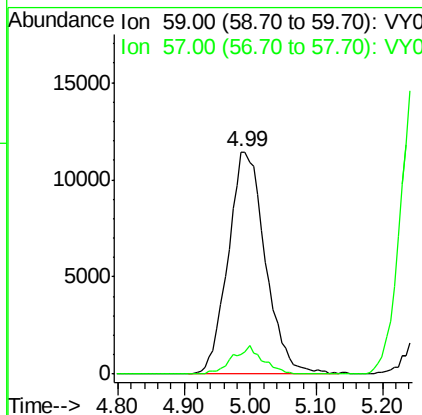
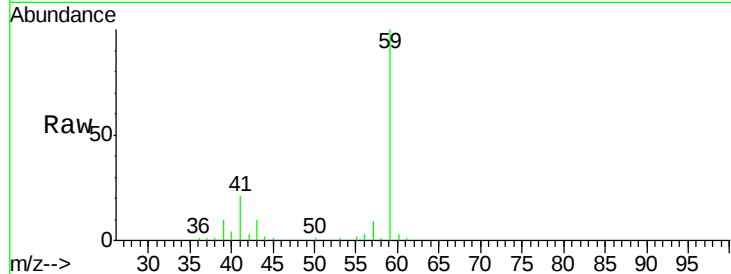
Tert butyl alcohol
Concen: 231.674 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	44618
Ion Ratio	100	Lower	Upper
57	10.3	7.4	11.2

Manual Integrations
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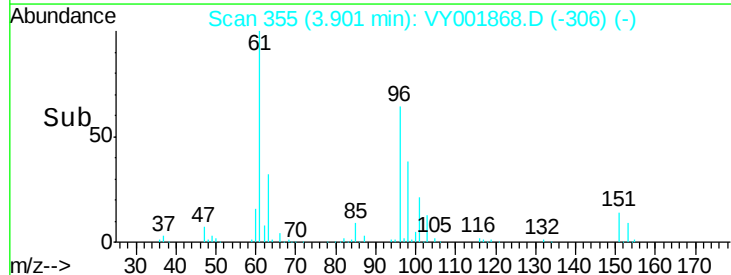
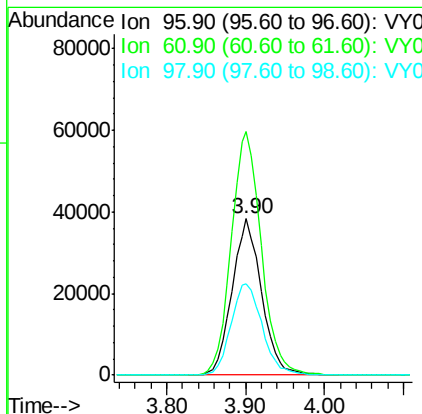
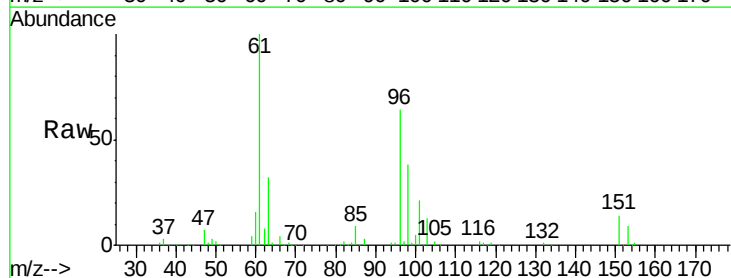
MMDadoda
3/6/2020 11:16:43 AM

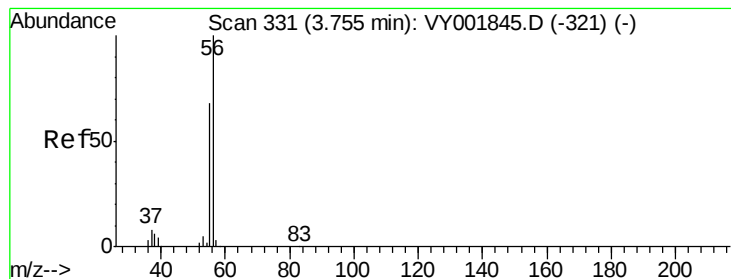


#12

1,1-Dichloroethene
Concen: 52.097 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	96	Resp	99699
Ion Ratio	100	Lower	Upper
61	155.6	124.8	187.2
98	58.6	49.2	73.8





#13

Acrolein

Concen: 233.772 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 60364

Ion Ratio Lower Upper

56 100

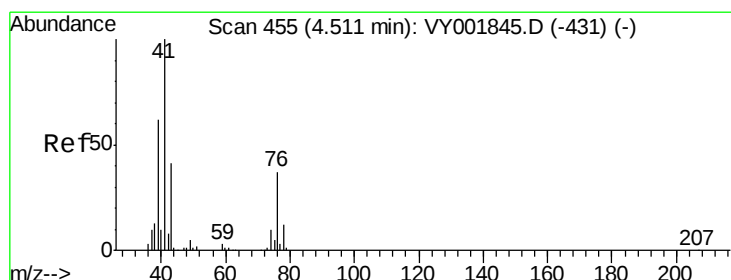
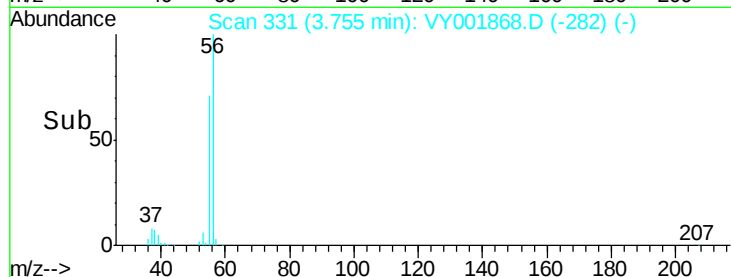
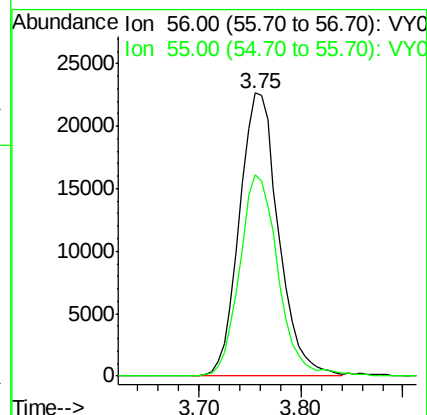
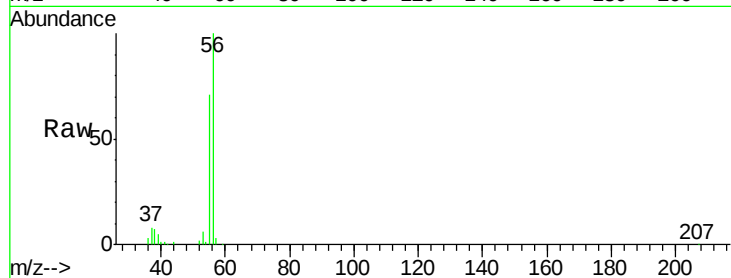
55 70.0 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 52.215 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

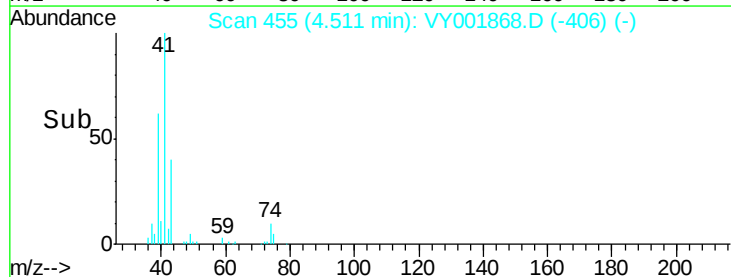
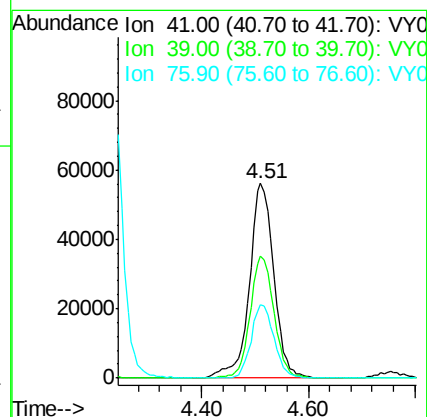
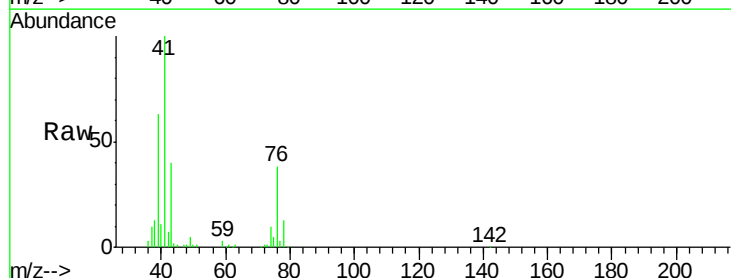
Tgt Ion: 41 Resp: 177146

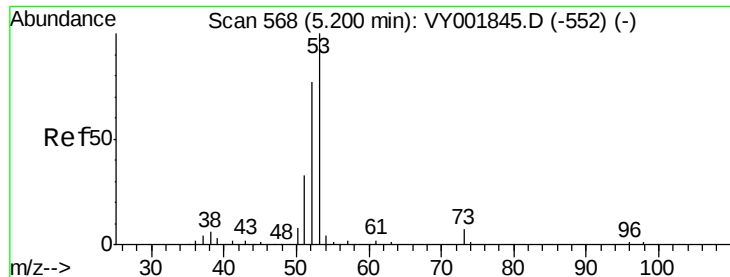
Ion Ratio Lower Upper

41 100

39 61.4 49.0 73.6

76 35.4 28.9 43.3





#15

Acrylonitrile

Concen: 256.845 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

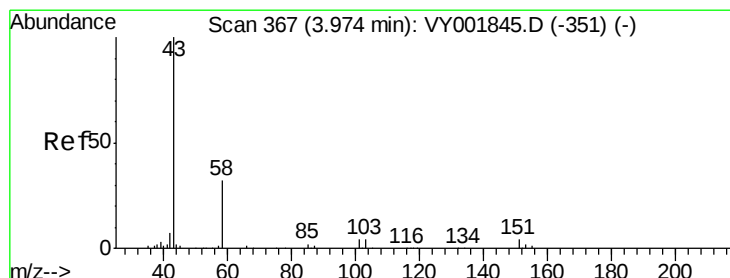
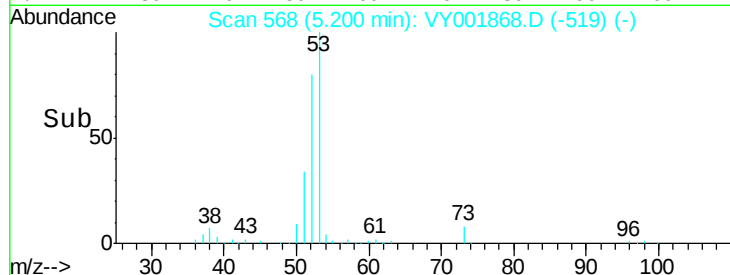
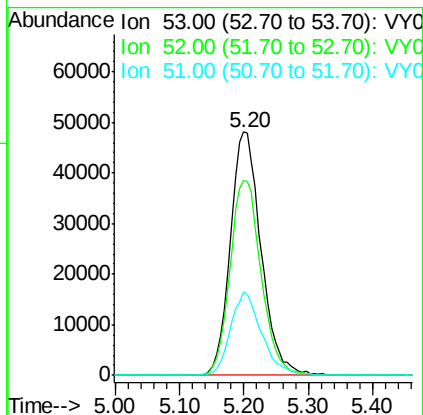
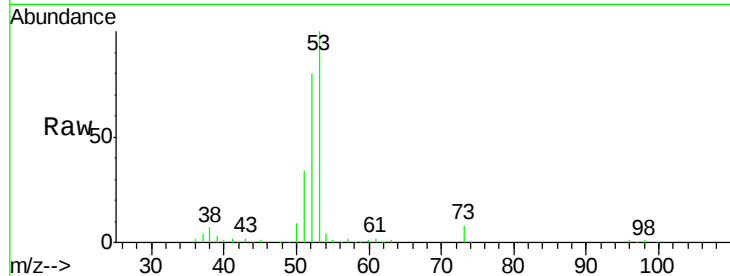
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	159847
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.1	97.7
51	34.8	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 280.948 ug/l

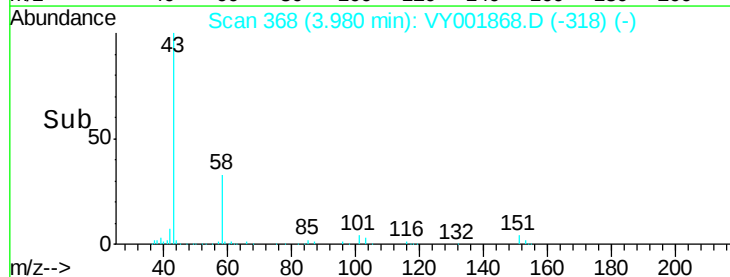
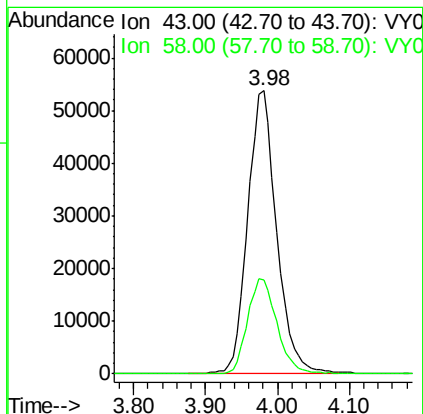
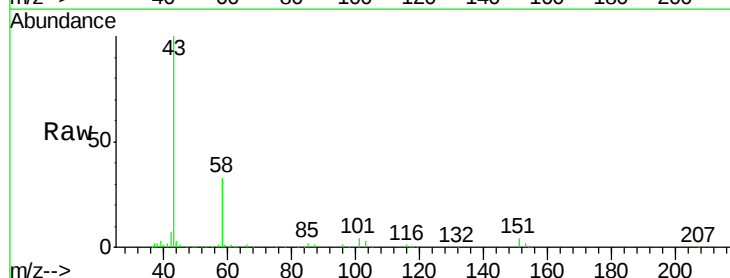
RT: 3.98 min Scan# 368

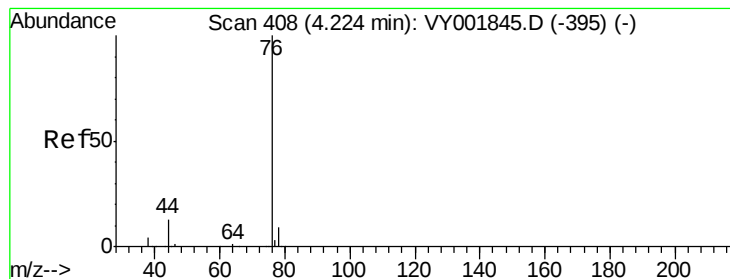
Delta R.T. 0.01 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Tgt Ion:	43	Resp:	150364
Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.9	38.9





#17

Carbon Disulfide

Concen: 51.179 ug/l

RT: 4.22 min Scan# 408

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 329245

Ion Ratio Lower Upper

76 100

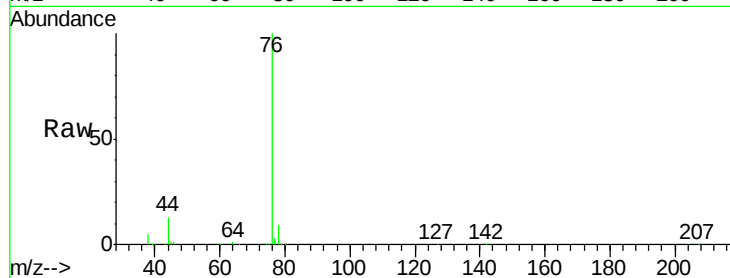
78 9.1 7.4 11.2

Manual Integrations

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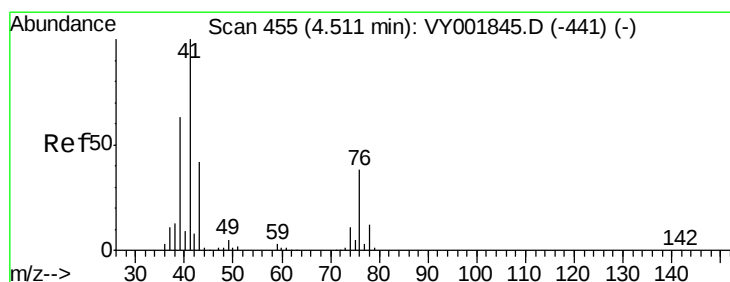
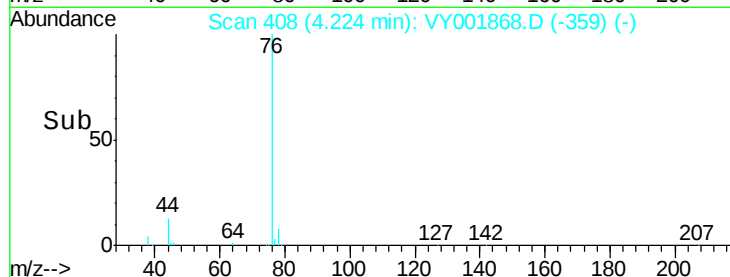
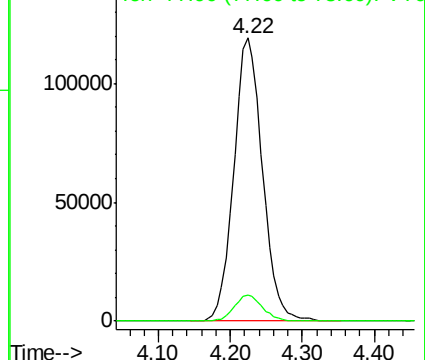
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3/6/2020 11:16:43 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 49.586 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY001868.D

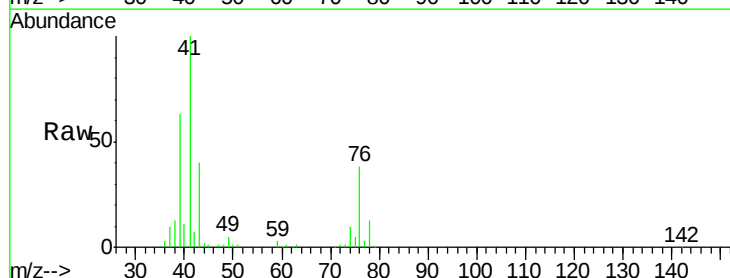
Acq: 05 Mar 2020 09:45

Tgt Ion: 43 Resp: 68189

Ion Ratio Lower Upper

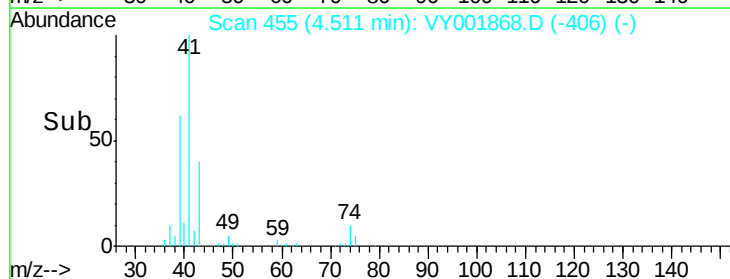
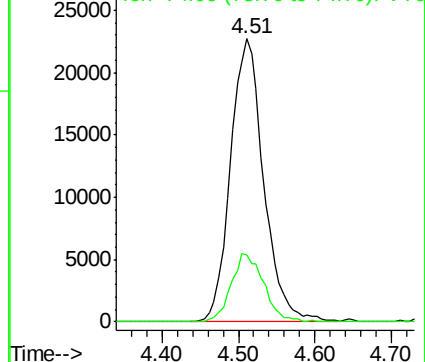
43 100

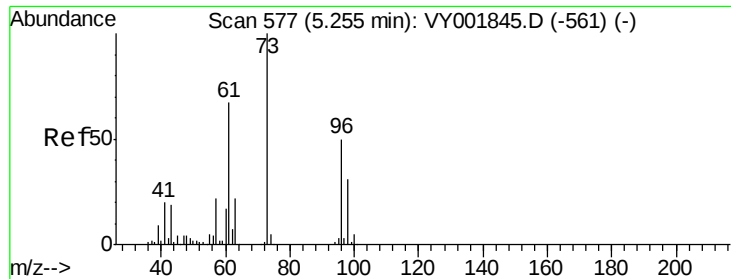
74 23.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





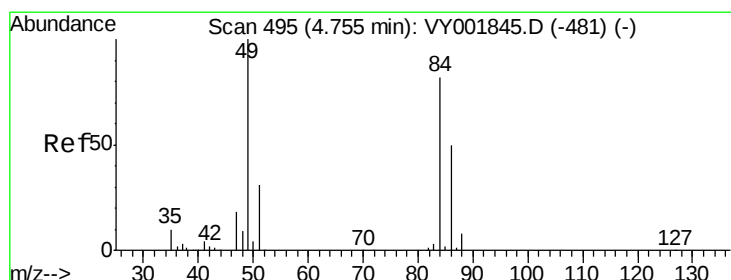
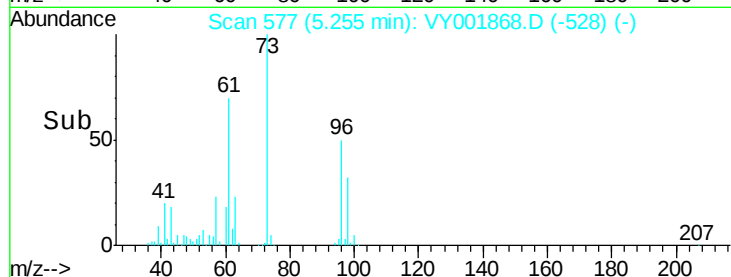
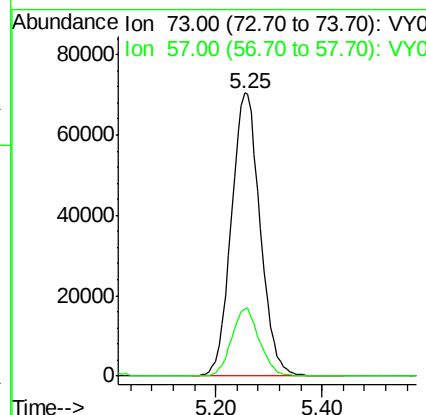
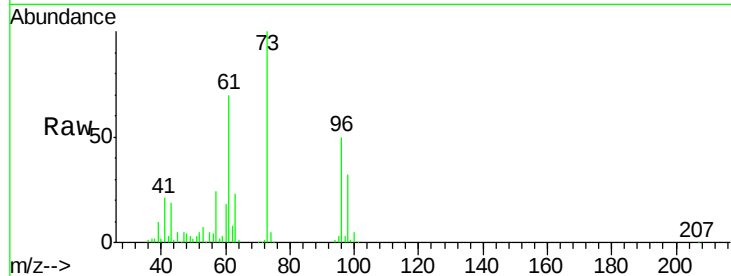
#19
Methvl tert-butvl Ether
Concen: 51.144 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 265234
Ion Ratio Lower Upper
73 100
57 23.8 17.4 26.2

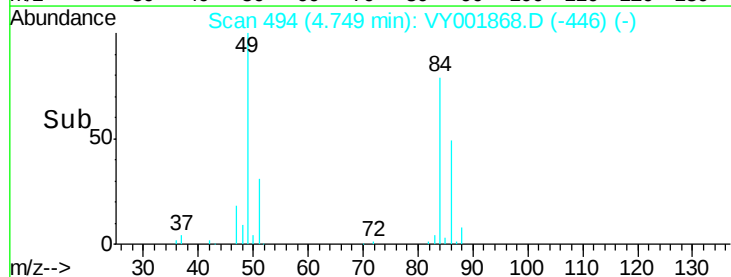
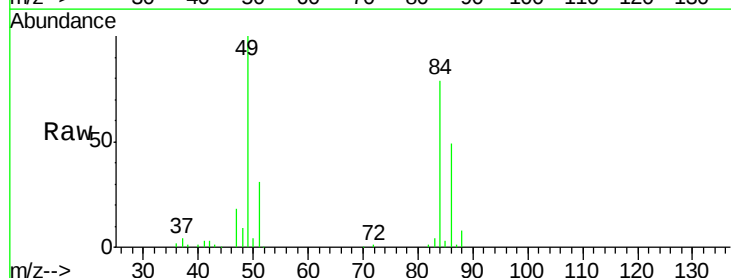
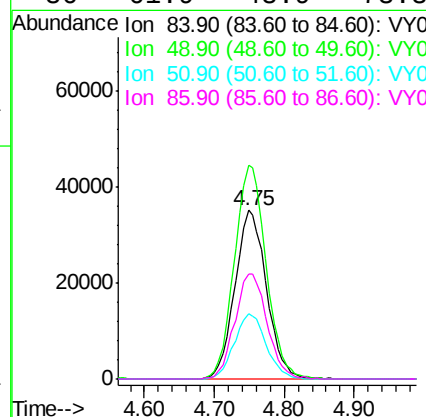
Manual Integrations
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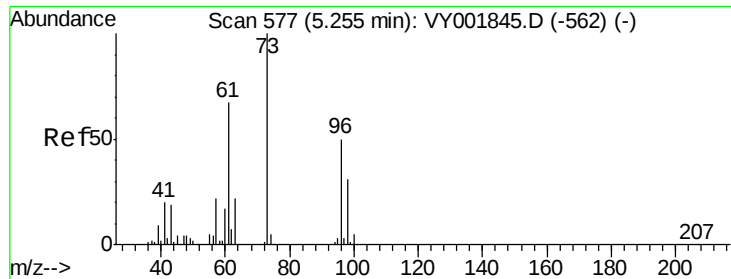
MMDadoda
3/6/2020 11:16:43 AM



#20
Methylene Chloride
Concen: 47.946 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 84 Resp: 109977
Ion Ratio Lower Upper
84 100
49 126.4 98.2 147.2
51 38.7 30.2 45.2
86 61.9 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 51.028 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

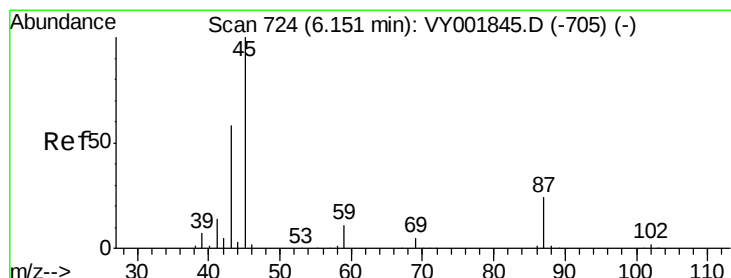
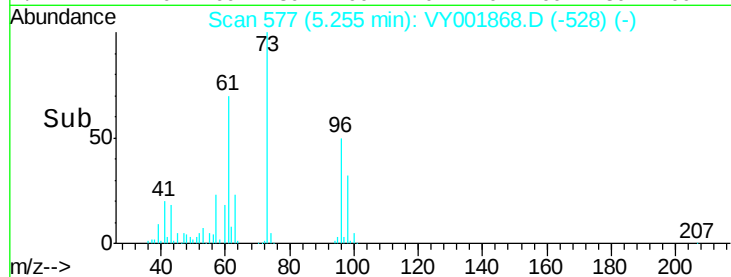
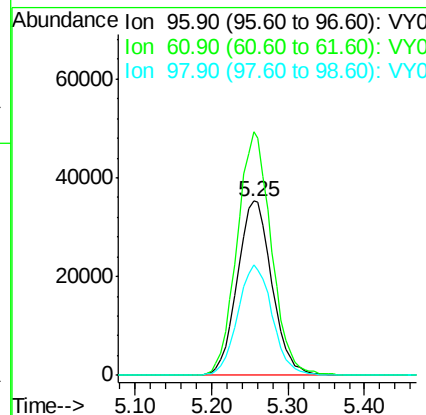
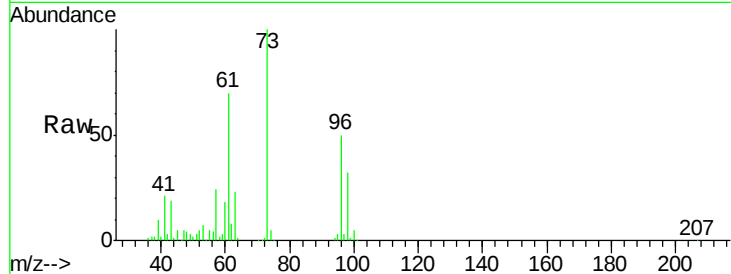
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	110838
Ion	Ratio	Lower	Upper
96	100		
61	139.8	107.7	161.5
98	63.5	49.3	73.9

Manual Integrations
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MMDadoda
3/6/2020 11:16:43 AM



#22

Diisopropyl ether

Concen: 51.410 ug/l

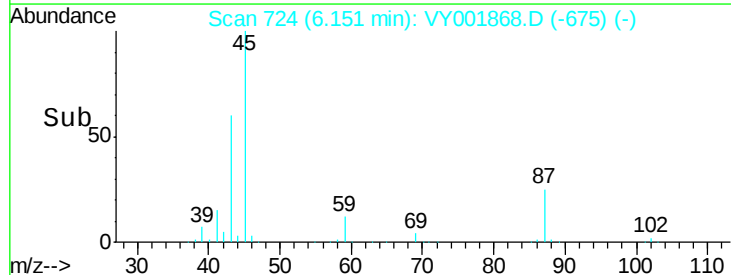
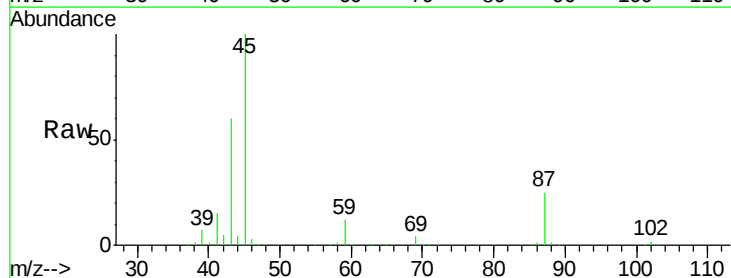
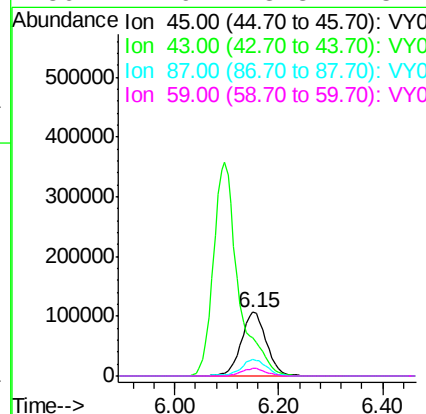
RT: 6.15 min Scan# 724

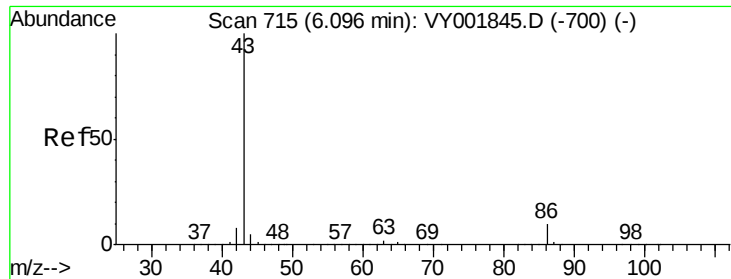
Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Tgt Ion:	45	Resp:	357524
Ion	Ratio	Lower	Upper
45	100		
43	59.5	47.2	70.8
87	25.4	19.8	29.8
59	11.9	8.8	13.2





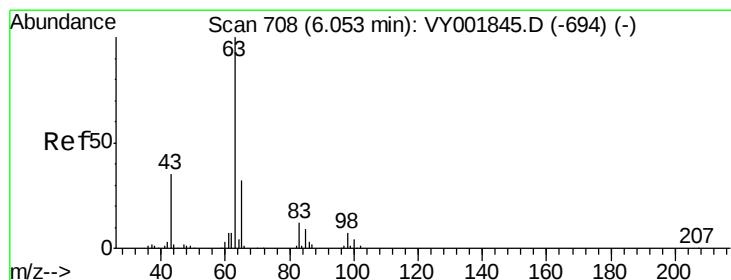
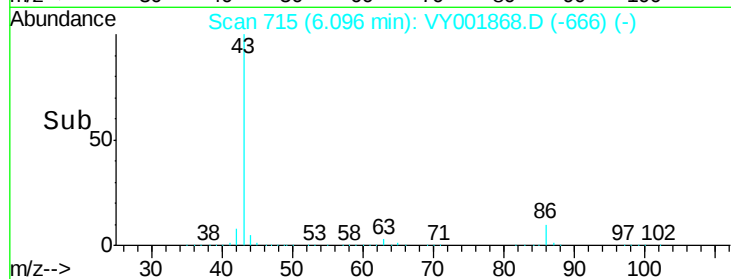
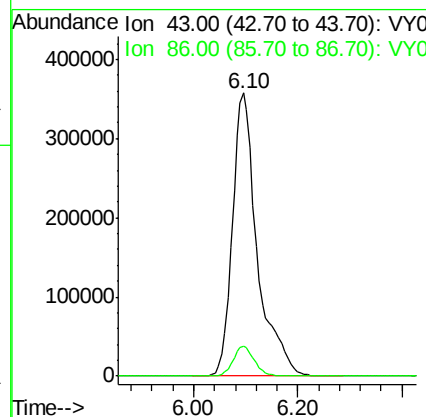
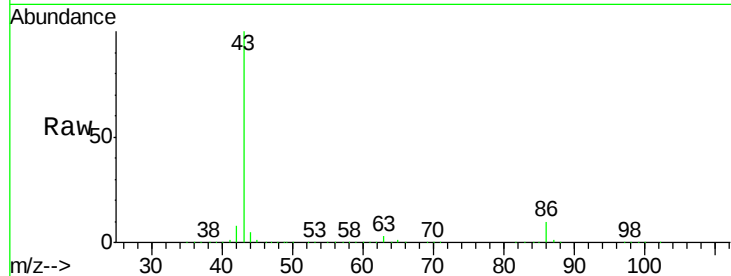
#23
 Vinyl Acetate
 Concen: 262.205 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1195398
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

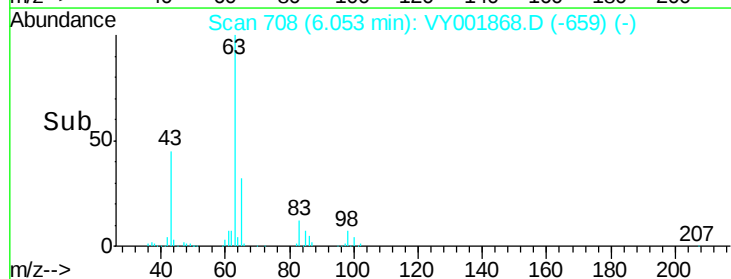
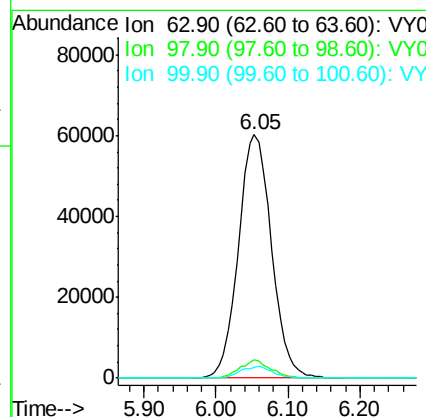
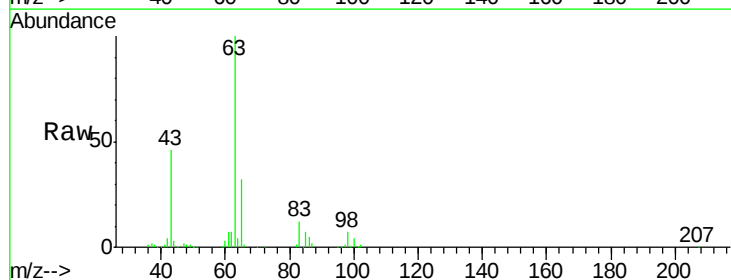
Manual Integrations
 APPROVED

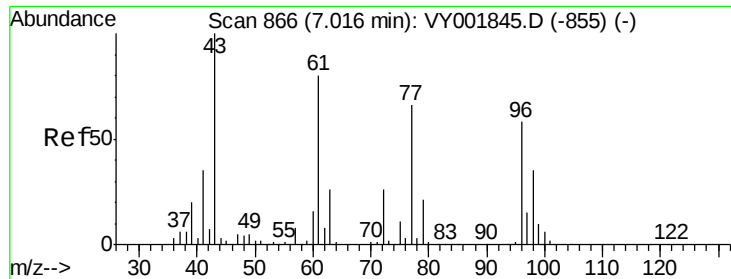
MMDadoda
 3/6/2020 11:16:43 AM



#24
 1,1-Dichloroethane
 Concen: 50.875 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 63 Resp: 191593
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 266.816 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 217160

Ion Ratio Lower Upper

43 100

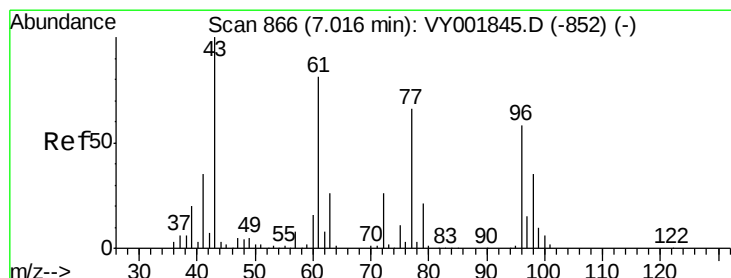
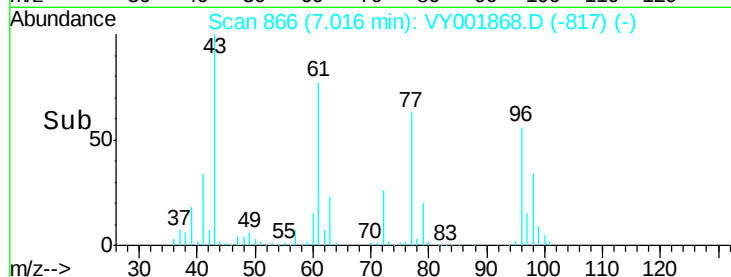
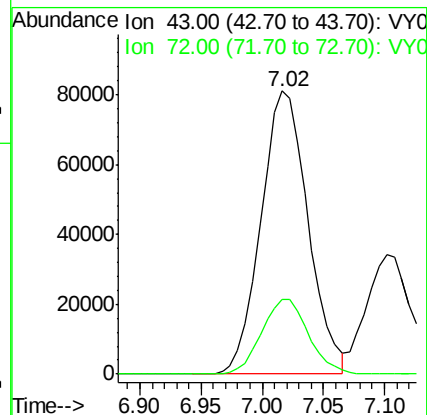
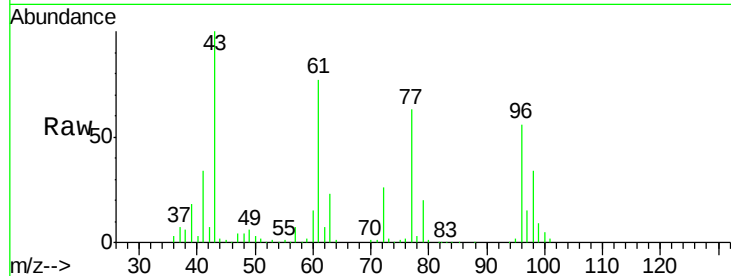
72 26.2 20.9 31.3

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3/6/2020 11:16:43 AM



#26

2,2-Dichloropropane

Concen: 50.948 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001868.D

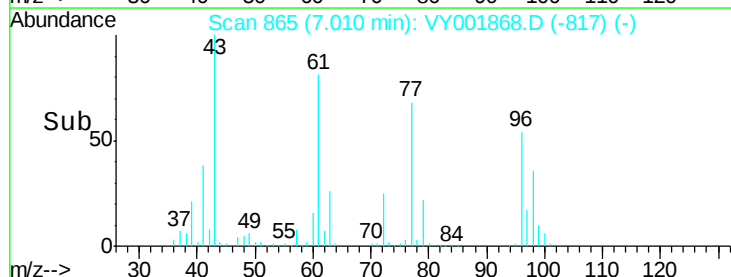
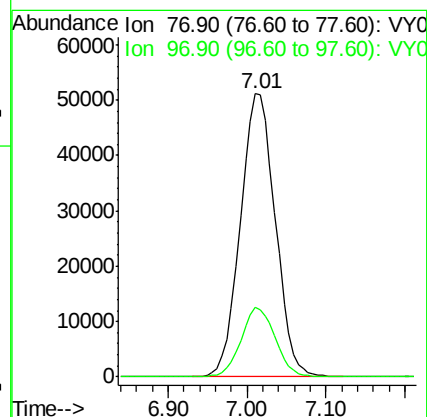
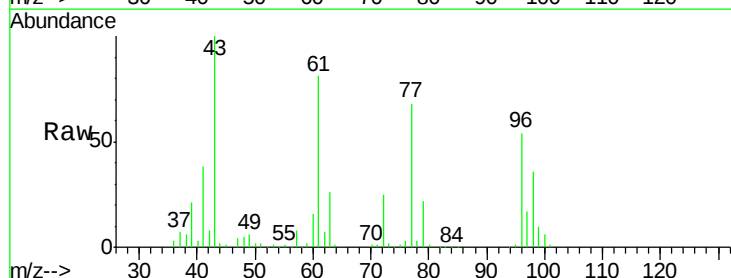
Acq: 05 Mar 2020 09:45

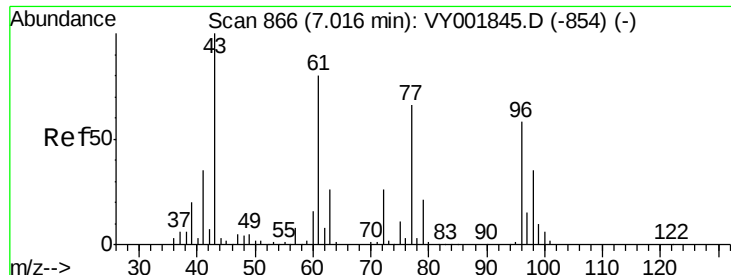
Tgt Ion: 77 Resp: 157479

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7





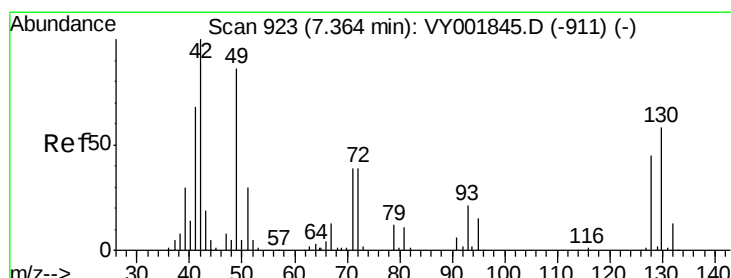
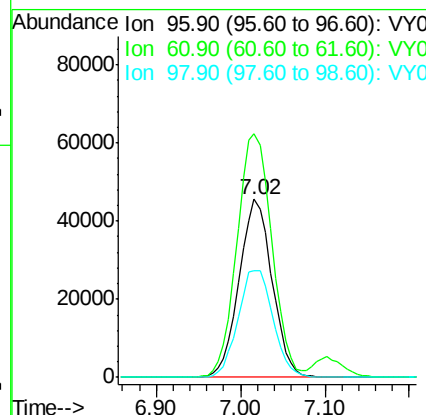
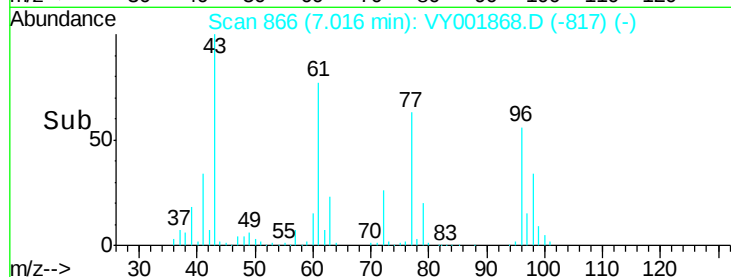
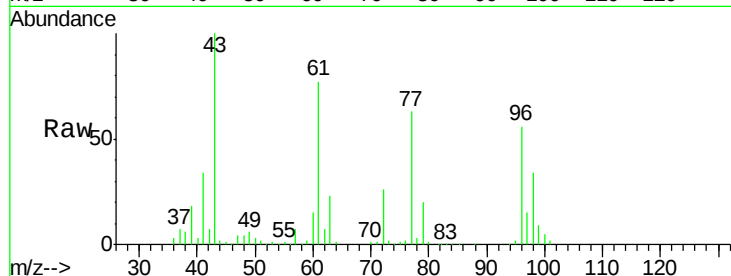
#27
 cis-1,2-Dichloroethene
 Concen: 51.040 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	288.2
98	63.8	0.0	129.0

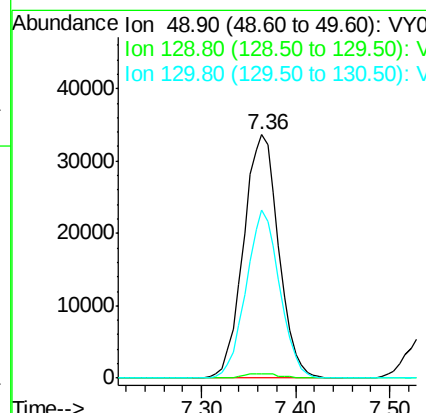
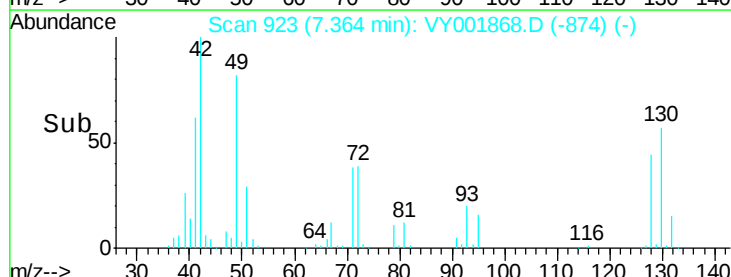
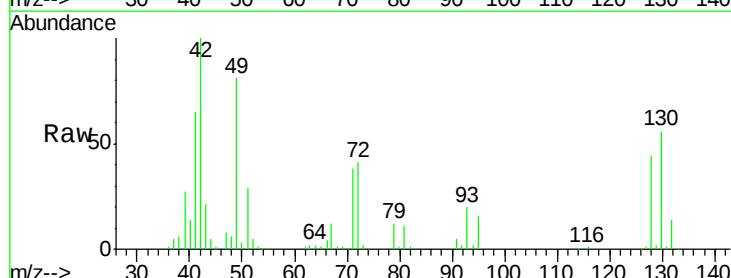
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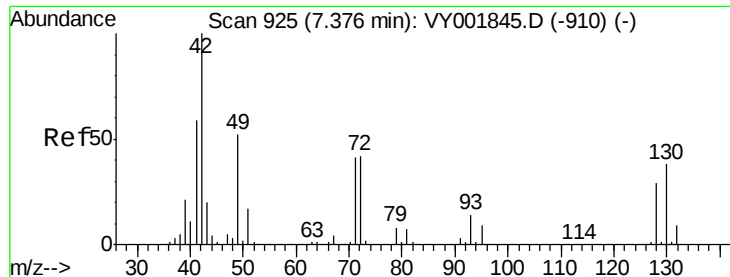
MMDadoda
 3/6/2020 11:16:43 AM



#28
 Bromochloromethane
 Concen: 51.769 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	65.9	54.4	81.6





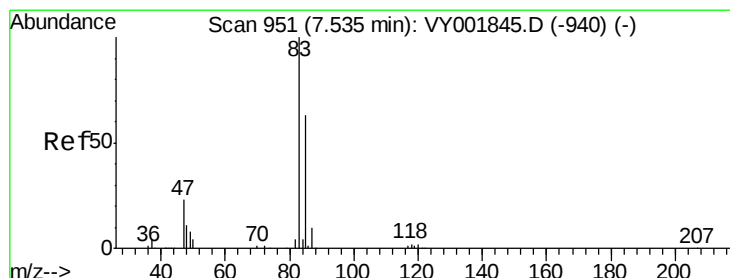
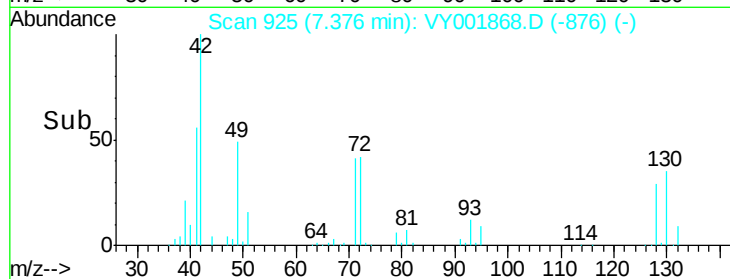
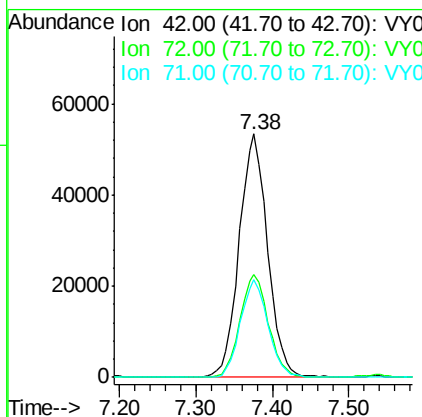
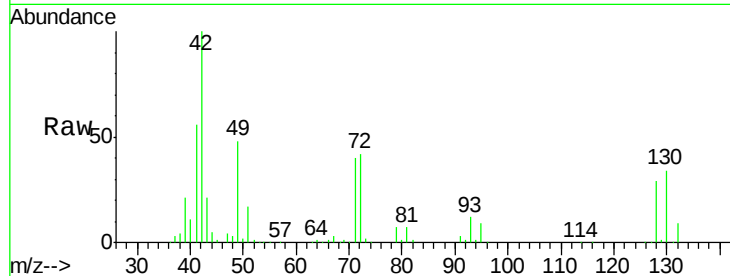
#29
Tetrahydrofuran
Concen: 254.763 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.5	50.3
71	39.2	31.3	46.9

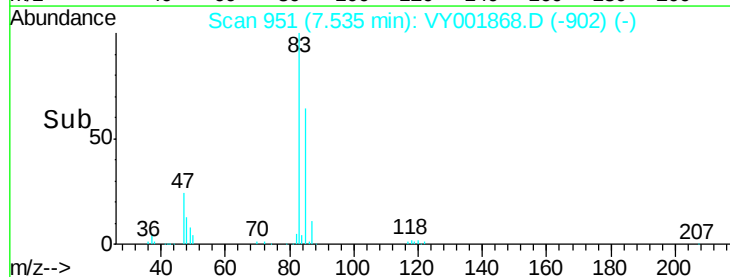
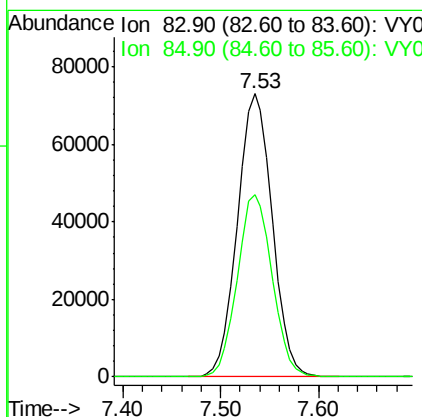
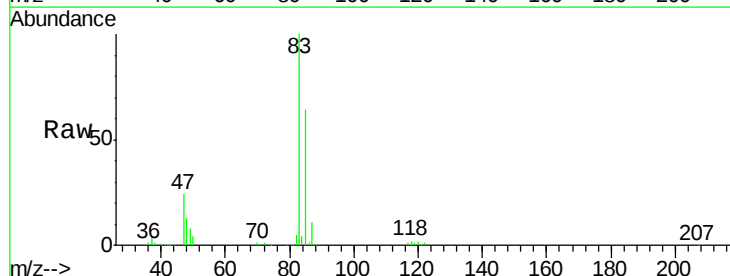
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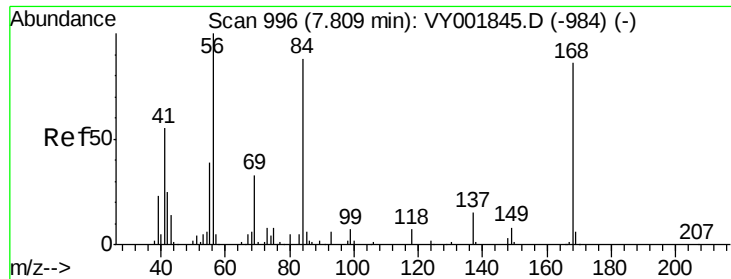
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#30
Chloroform
Concen: 51.017 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.7	76.1





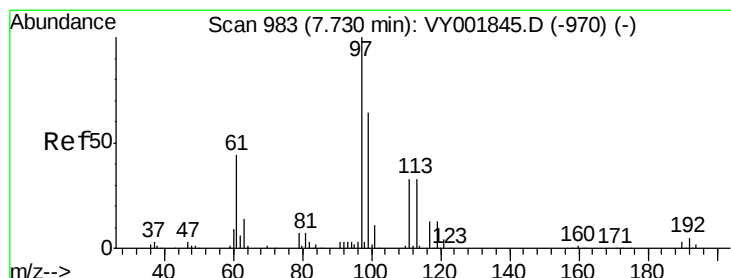
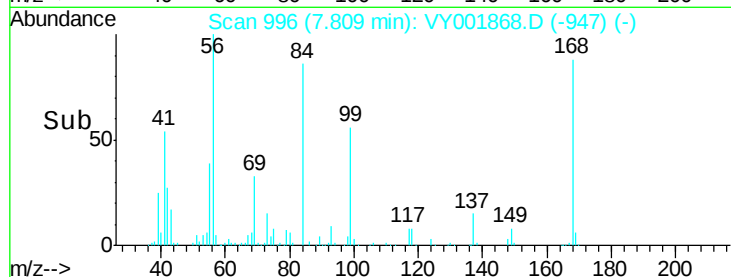
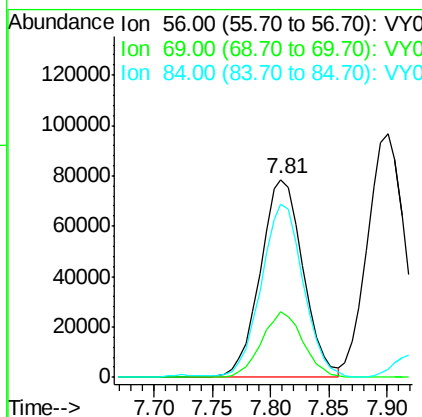
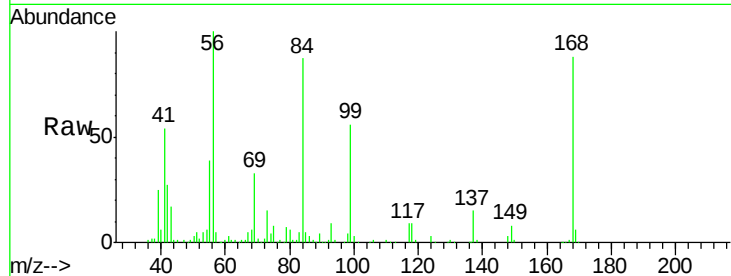
#31
Cyclohexane
Concen: 49.333 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.7	40.1
84	86.2	70.4	105.6

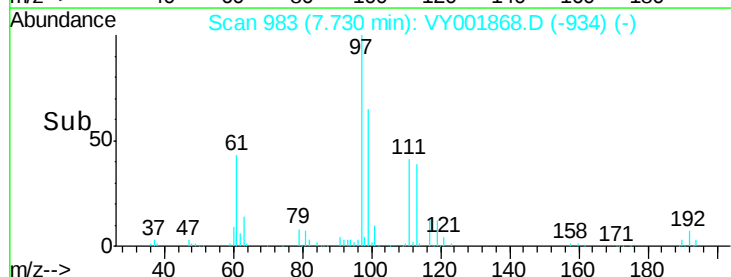
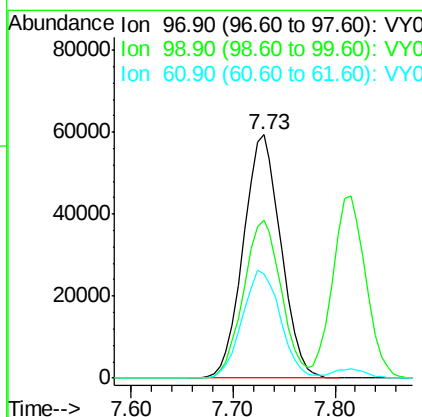
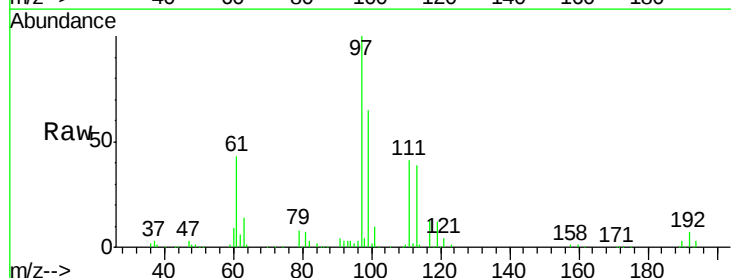
Manual Integrations
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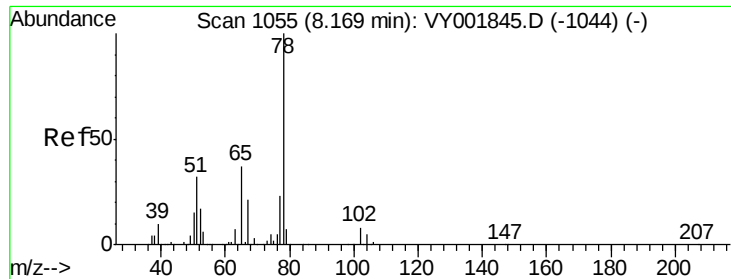
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3/6/2020 11:16:43 AM



#32
1,1,1-Trichloroethane
Concen: 50.889 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.0	78.0
61	45.1	35.0	52.4





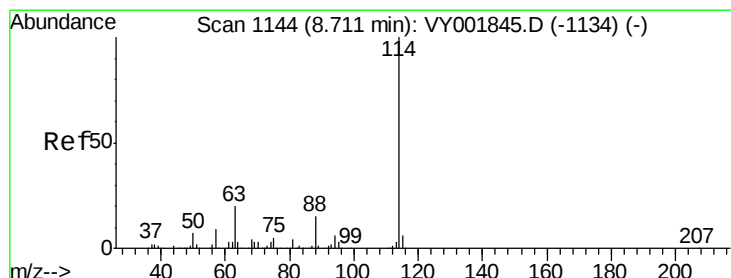
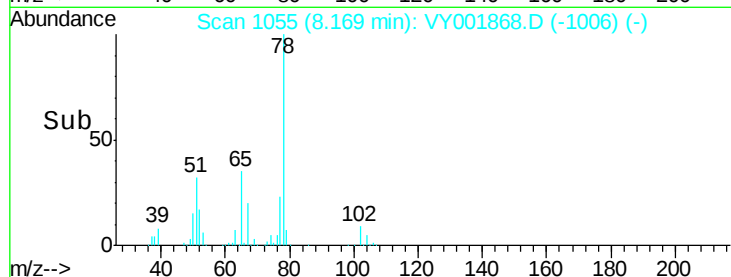
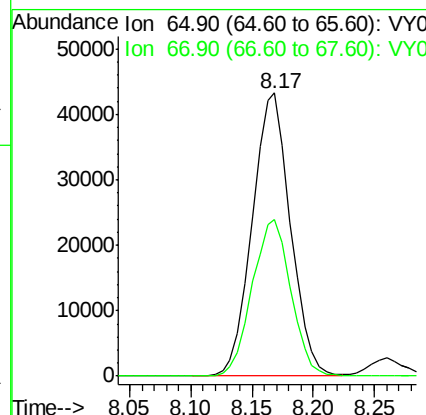
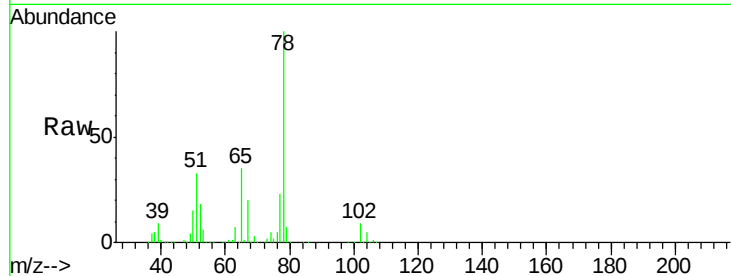
#33
 1,2-Dichloroethane-d4
 Concen: 51.318 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.7	0.0	110.8	

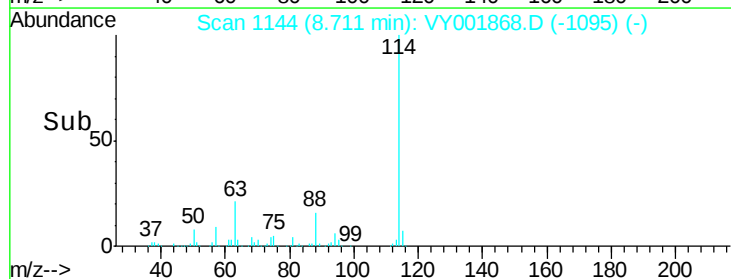
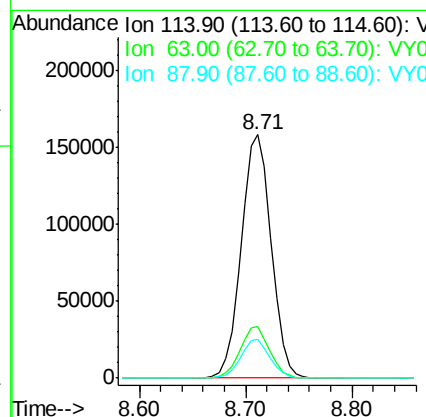
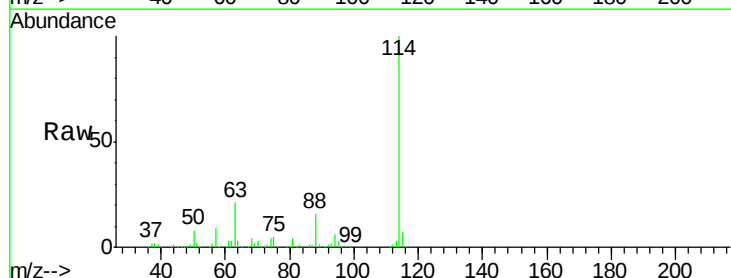
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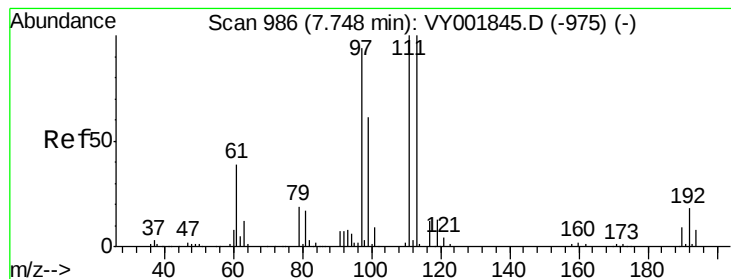
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.2	0.0	39.4	
88	15.8	0.0	30.4	





#35

Dibromofluoromethane

Concen: 52.209 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 88916

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

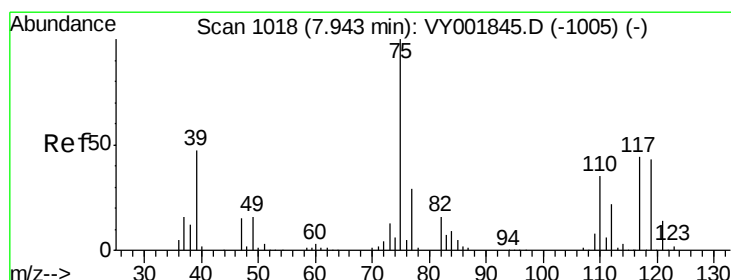
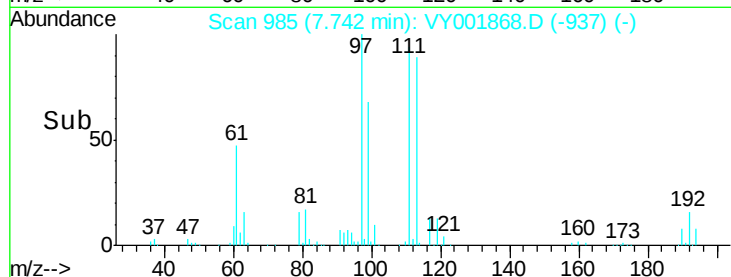
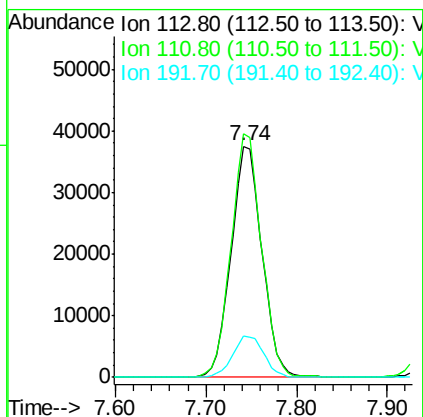
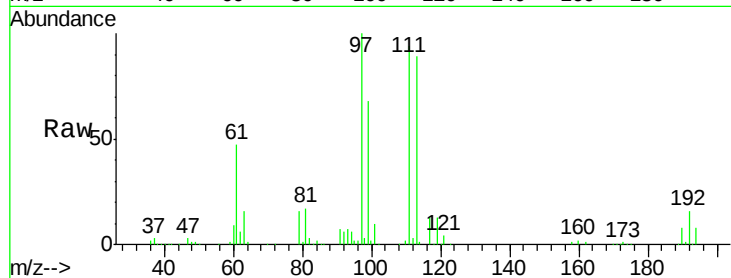
192 17.9 14.2 21.2

Manual Integrations

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3/6/2020 11:16:43 AM



#36

1,1-Dichloropropene

Concen: 51.262 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

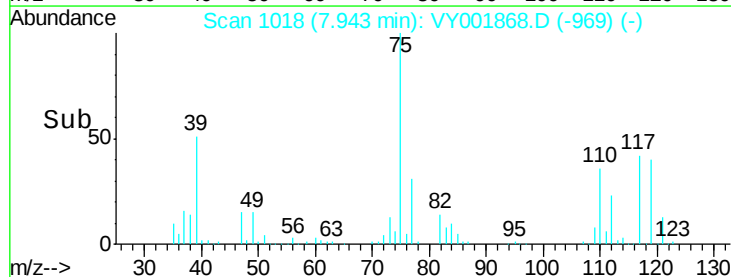
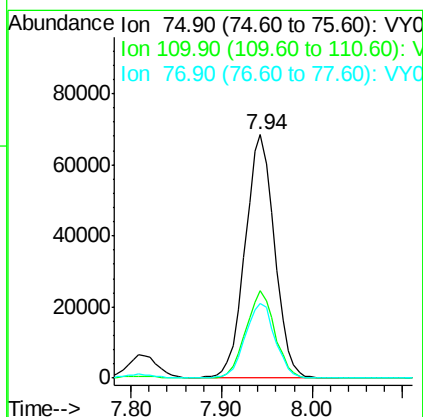
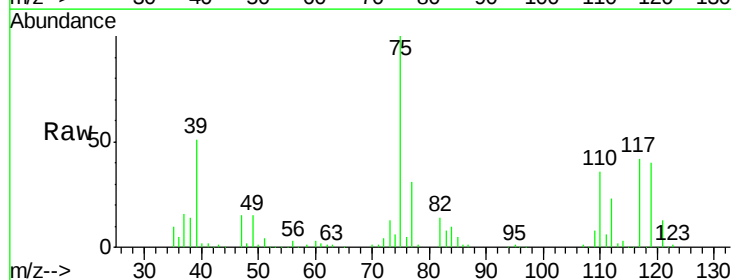
Tgt Ion: 75 Resp: 153857

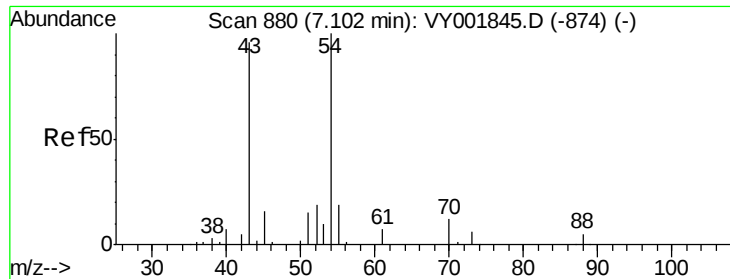
Ion Ratio Lower Upper

75 100

110 35.2 17.4 52.2

77 31.2 24.2 36.2





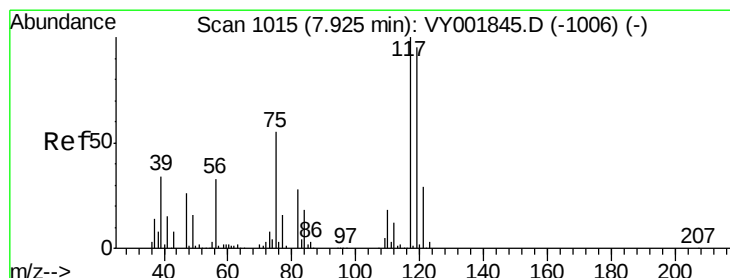
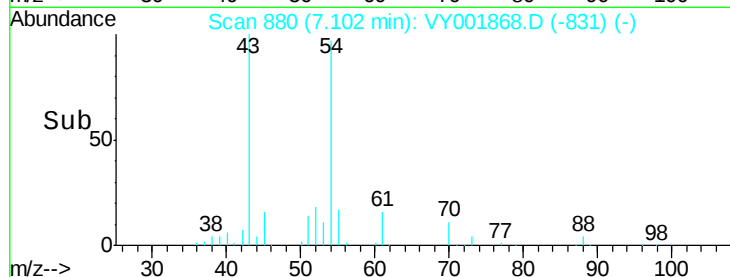
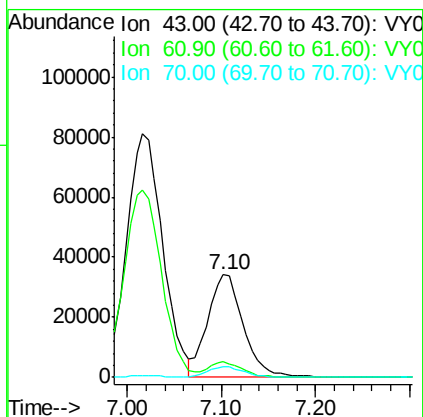
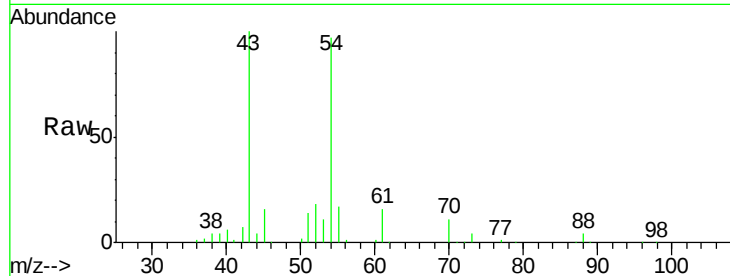
#37
Ethyl Acetate
Concen: 51.571 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	10.5	8.2	12.4

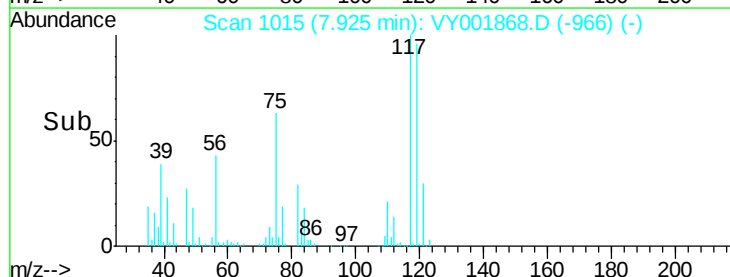
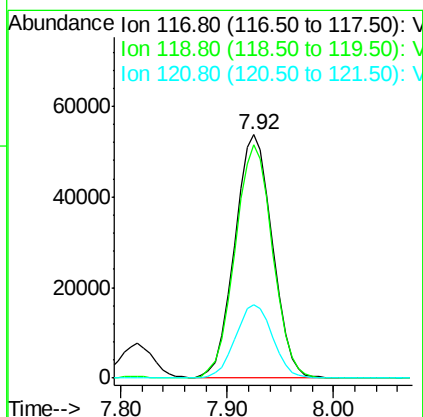
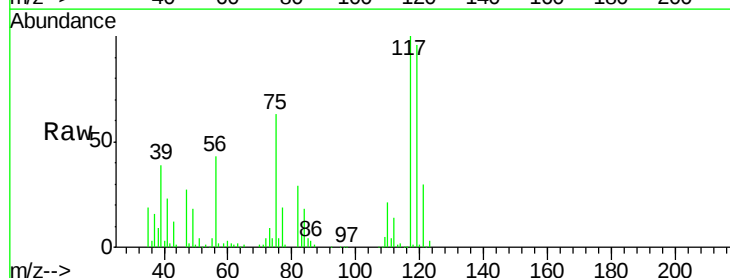
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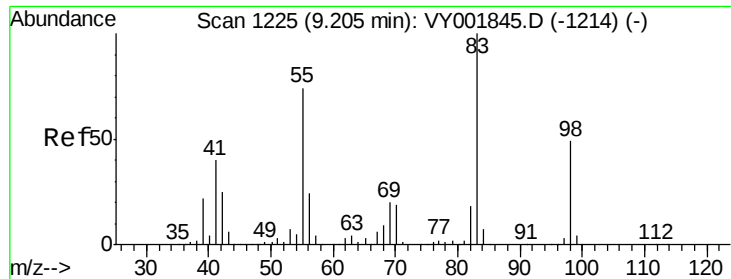
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3/6/2020 11:16:43 AM



#38
Carbon Tetrachloride
Concen: 52.113 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.3	114.5
121	30.3	23.5	35.3





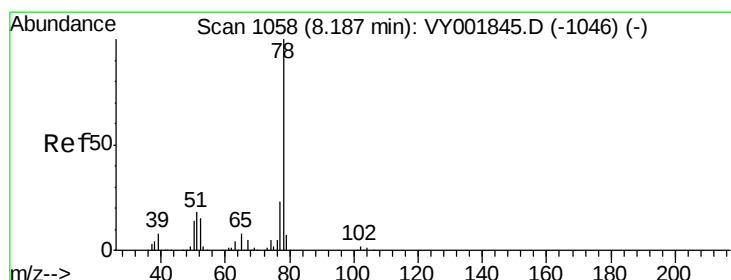
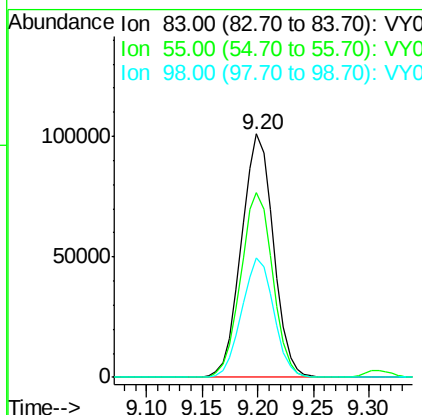
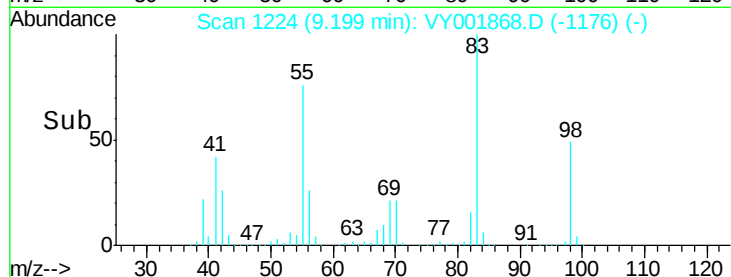
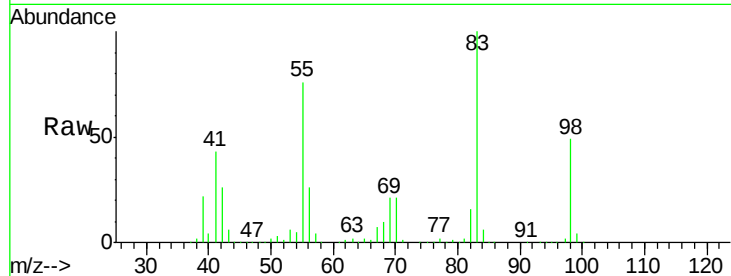
#39
Methvlcvclohexane
Concen: 50.814 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	59.4	89.0
98	48.9	38.9	58.3

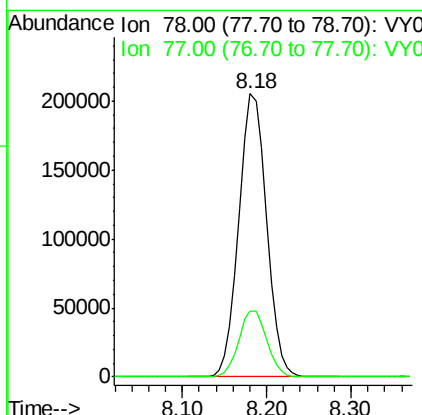
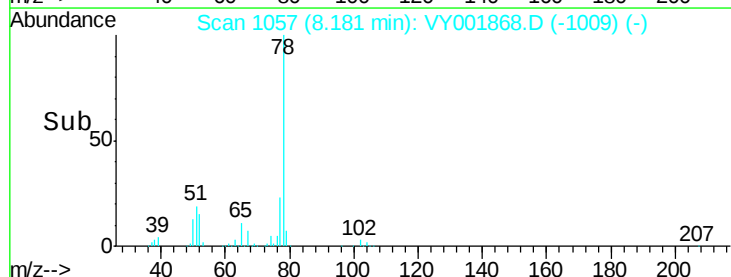
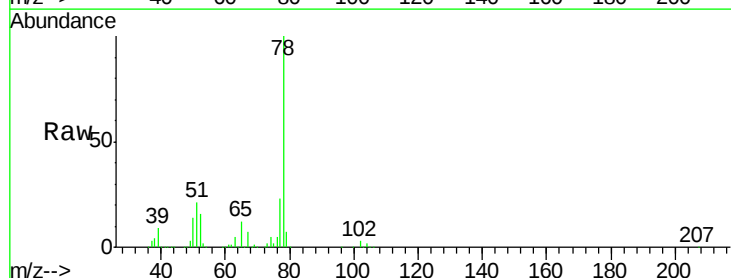
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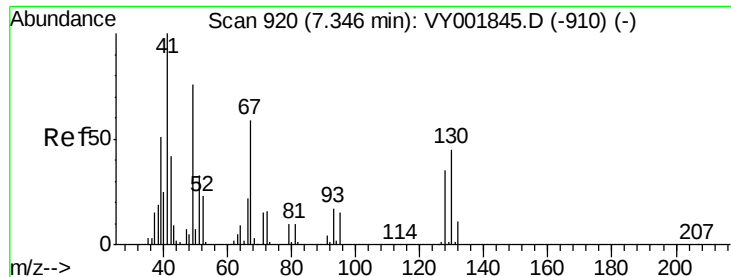
MMDadoda
3/6/2020 11:16:43 AM



#40
Benzene
Concen: 51.082 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.7	28.1





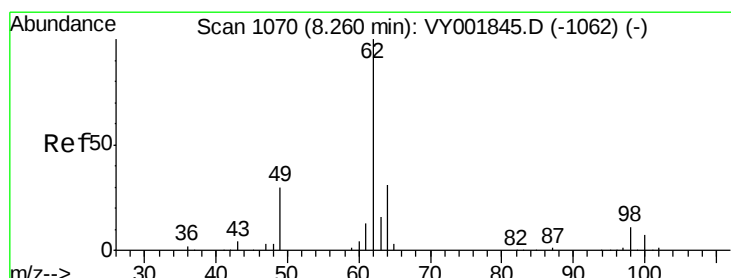
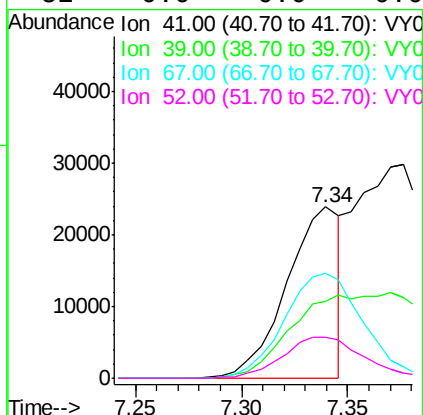
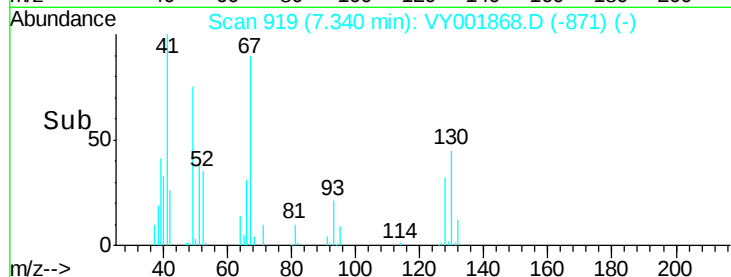
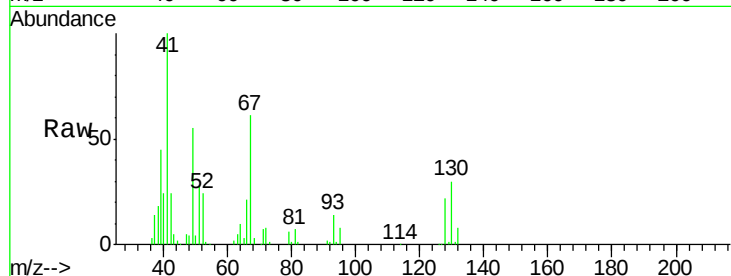
#41
Methacrylonitrile
Concen: 54.343 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp:	42662
Ion	Ratio	Lower	Upper
41	100		
39	125.7	111.7	167.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

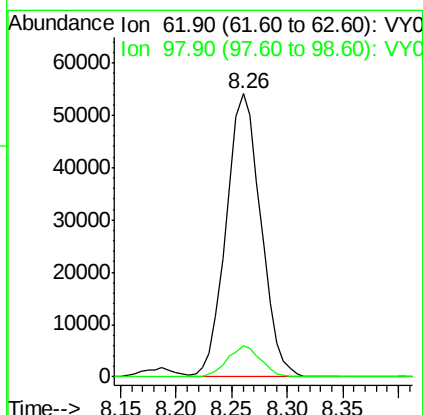
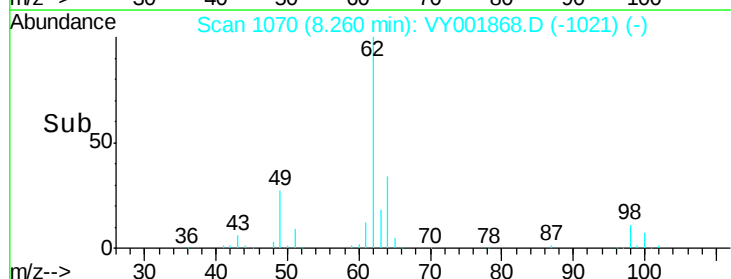
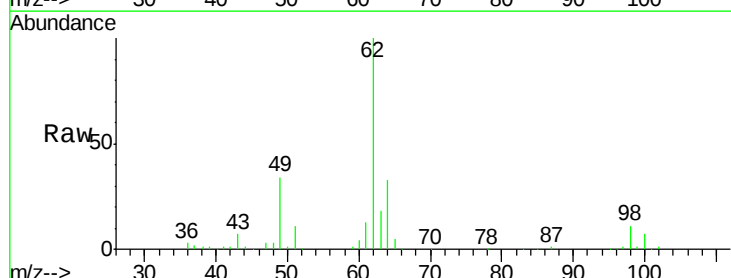
Manual Integrations
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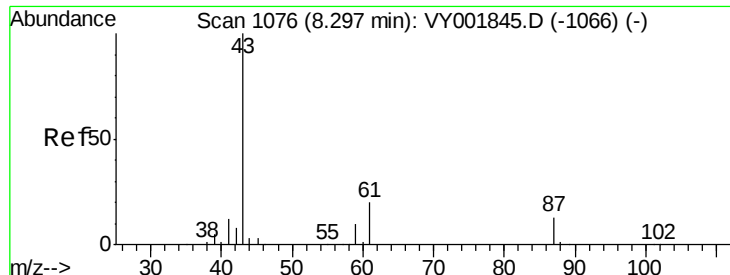
MMDadoda
3/6/2020 11:16:43 AM



#42
1,2-Dichloroethane
Concen: 50.990 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	62	Resp:	116888
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4





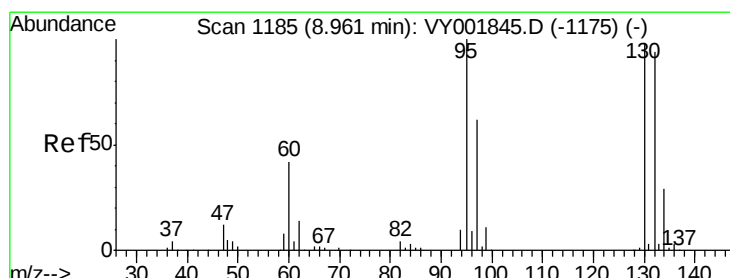
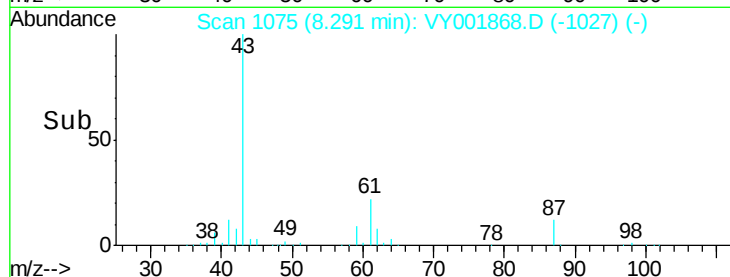
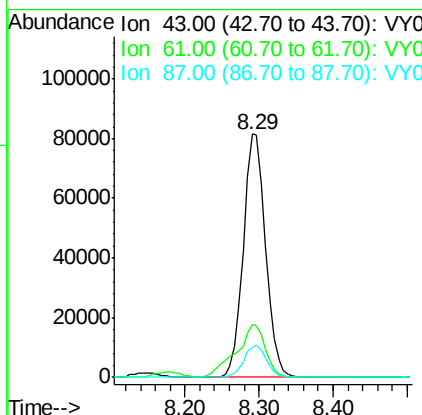
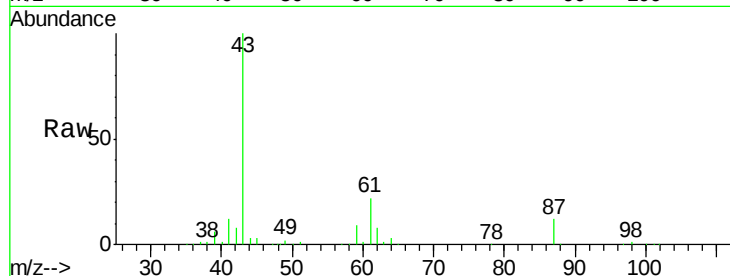
#43
Isopropyl Acetate
Concen: 52.030 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.4	23.8	35.6
87	13.3	10.9	16.3

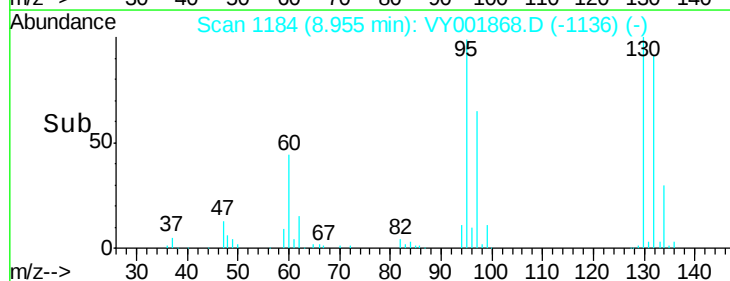
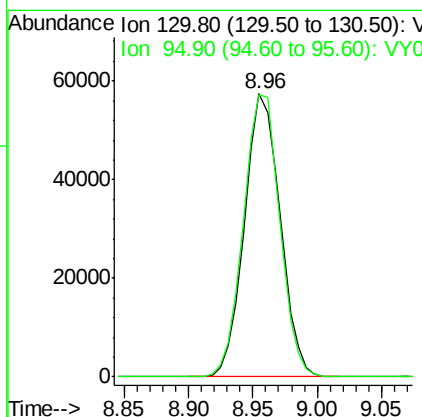
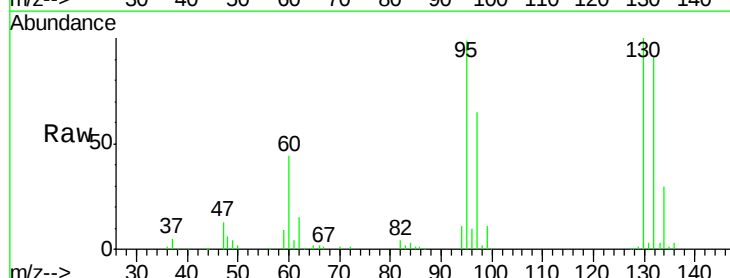
Manual Integrations
APPROVED

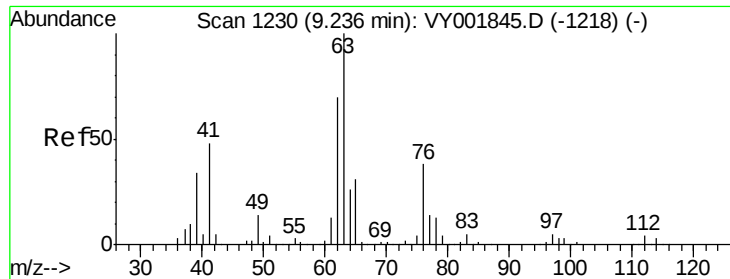
MMDadoda
3/6/2020 11:16:43 AM



#44
Trichloroethene
Concen: 50.802 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	204.6





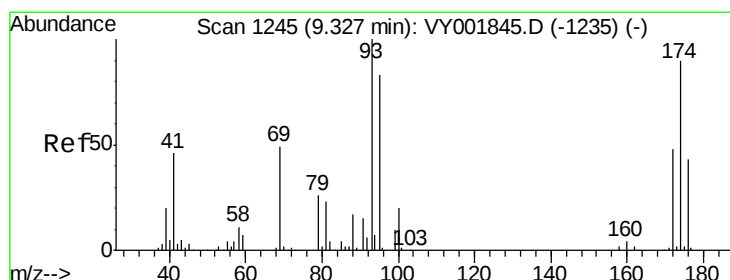
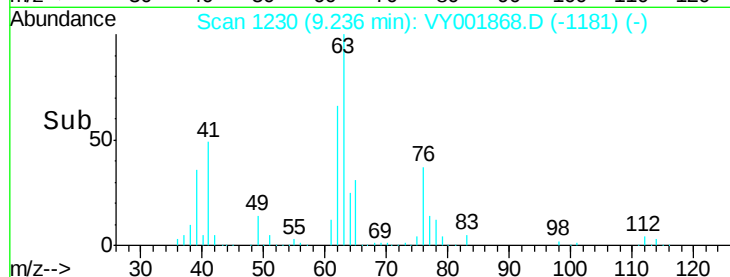
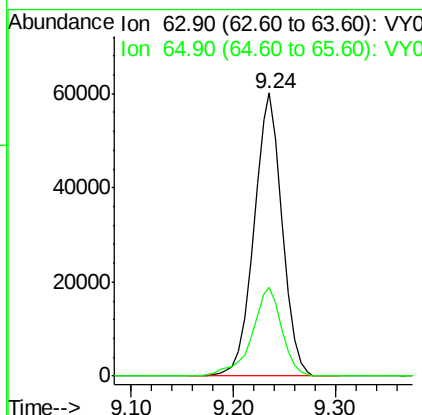
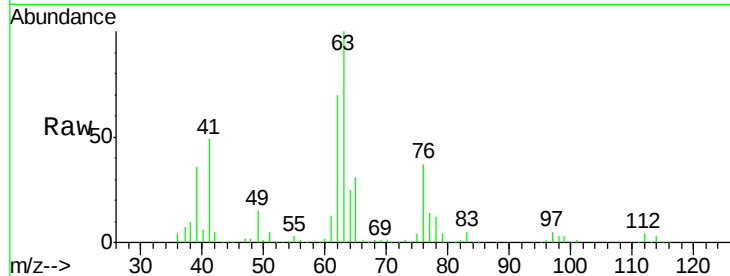
#45
 1,2-Dichloropropane
 Concen: 51.482 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 115130
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.9 37.3

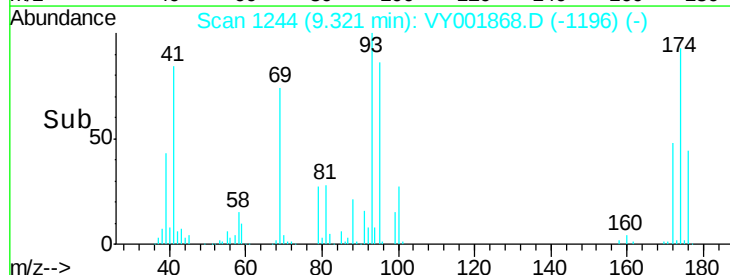
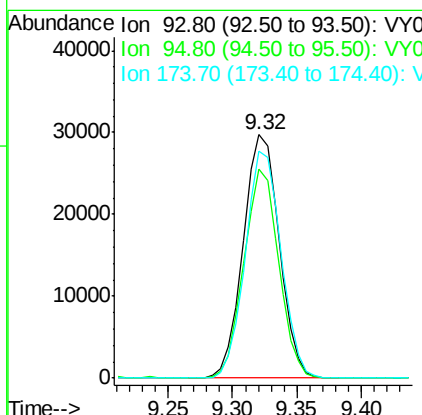
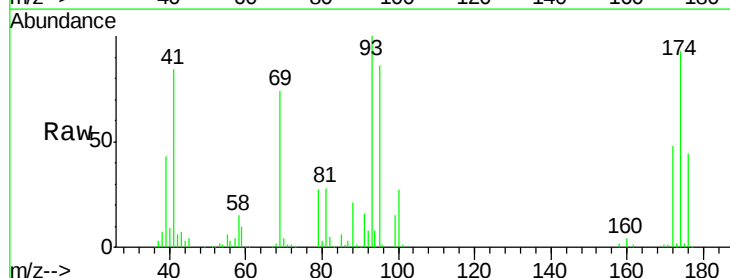
Manual Integrations
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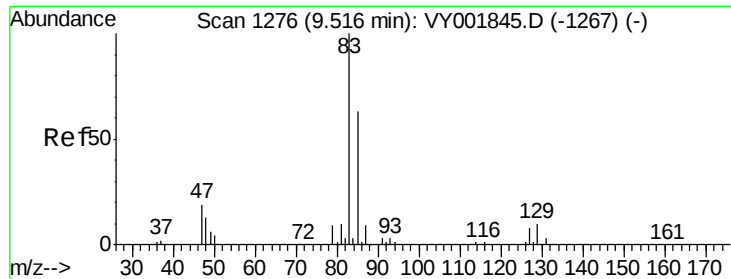
MMDadoda
 3/6/2020 11:16:43 AM



#46
 Dibromomethane
 Concen: 49.823 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 93 Resp: 57418
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.4
 174 92.3 71.8 107.8





#47

Bromodichloromethane

Concen: 52.109 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

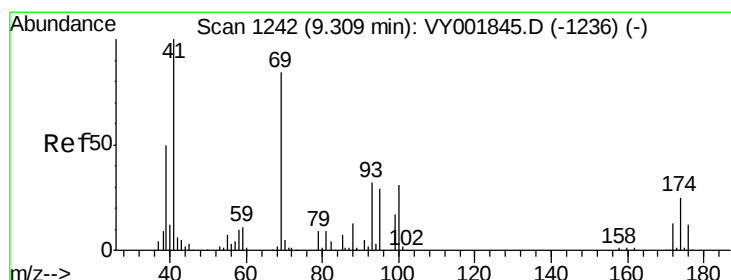
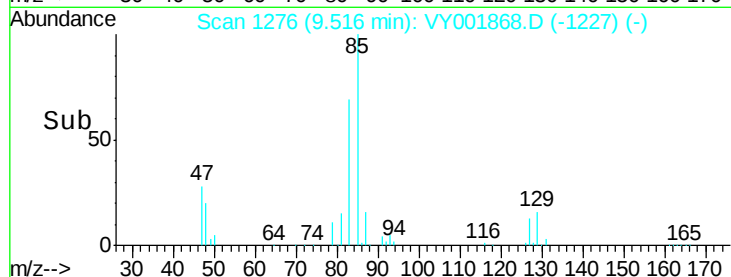
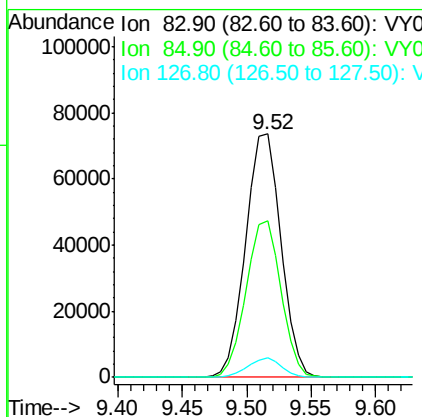
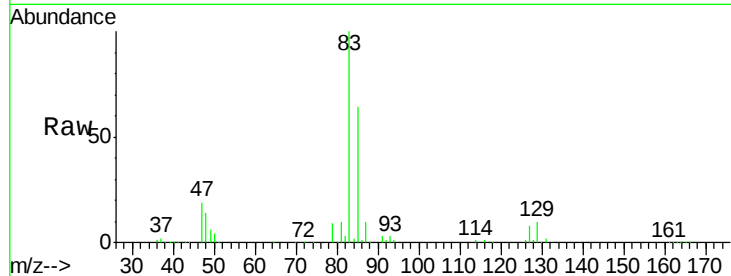
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	139694
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.6	76.0
127	8.1	6.2	9.4

Manual Integrations
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MMDadoda
3/6/2020 11:16:43 AM



#48

Methyl methacrylate

Concen: 52.090 ug/l

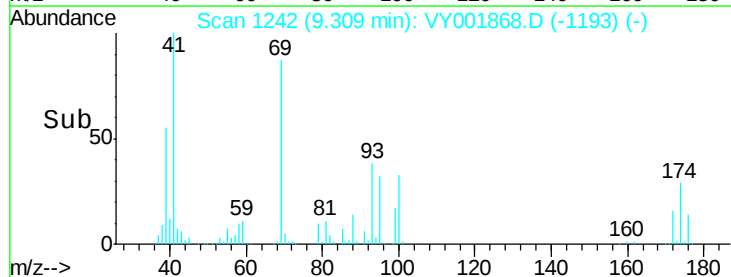
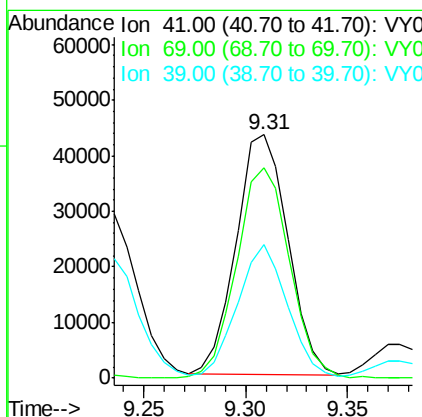
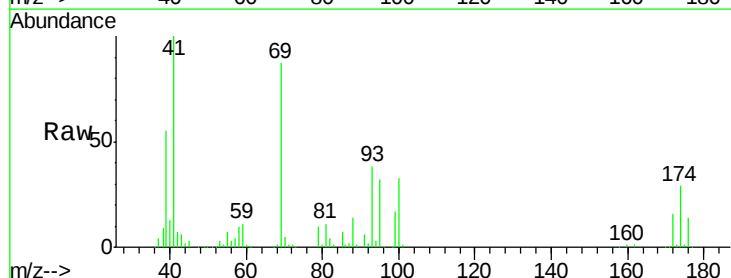
RT: 9.31 min Scan# 1242

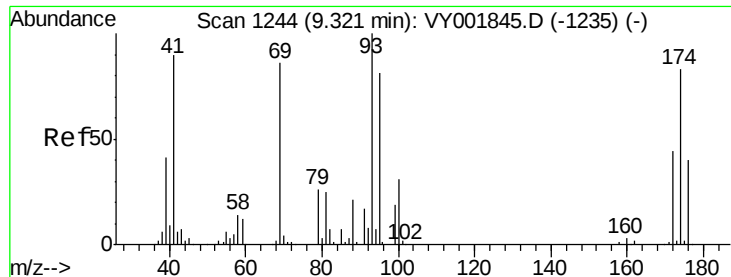
Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Tgt Ion:	41	Resp:	76336
Ion	Ratio	Lower	Upper
41	100		
69	89.6	69.0	103.6
39	53.9	39.1	58.7





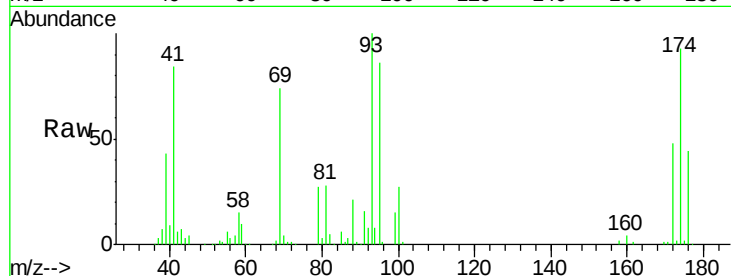
#49
 1,4-Dioxane
 Concen: 1003.161 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.0	37.6
58	75.1	58.9	88.3

Manual Integrations
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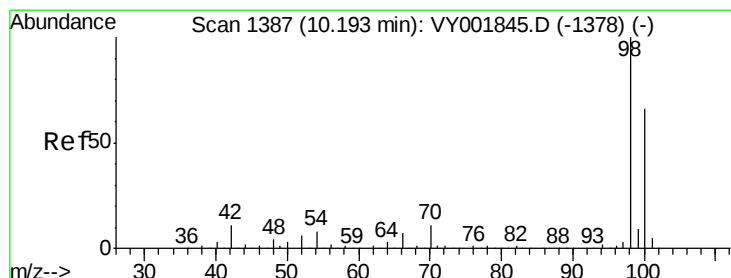
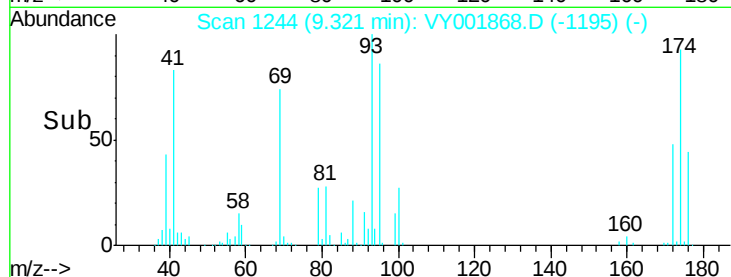
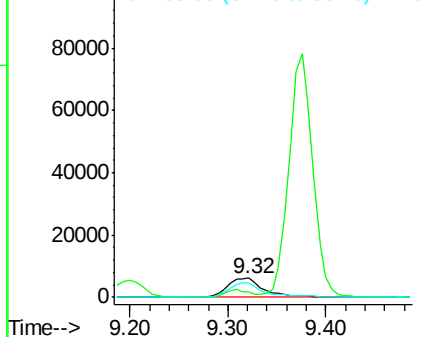


Abundance

Ion 88.00 (87.70 to 88.70): VY001845.D (-1235) (-)

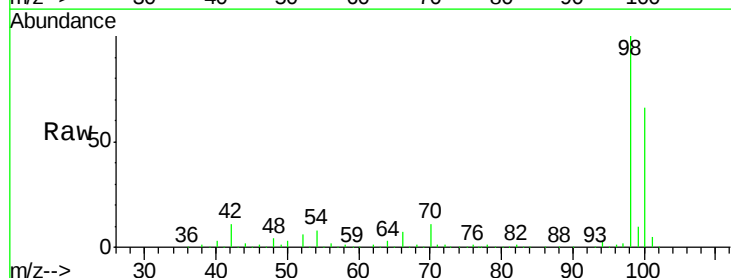
Ion 43.00 (42.70 to 43.70): VY001845.D (-1235) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1235) (-)



#50
 Toluene-d8
 Concen: 52.358 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

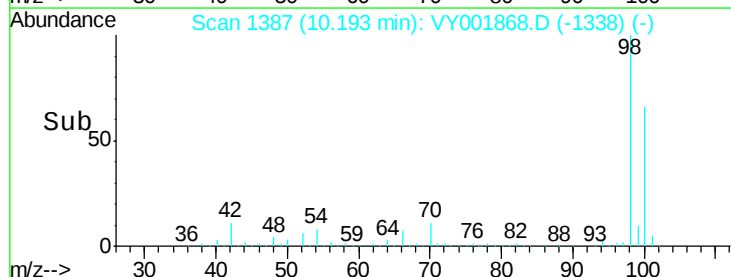
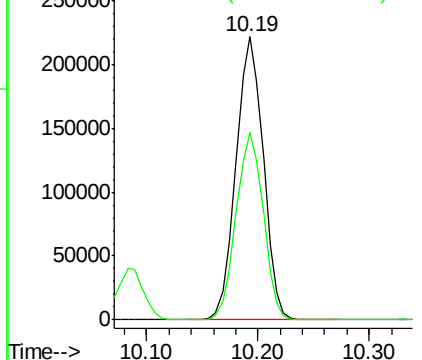
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

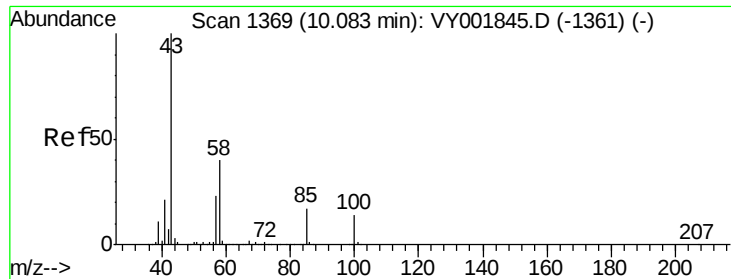


Abundance

Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)





#51

4-Methyl-2-Pentanone

Concen: 262.514 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 446561

Ion Ratio Lower Upper

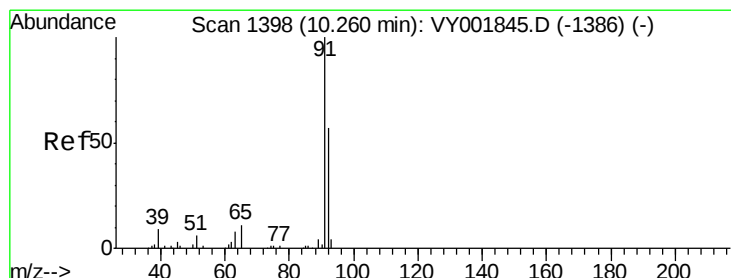
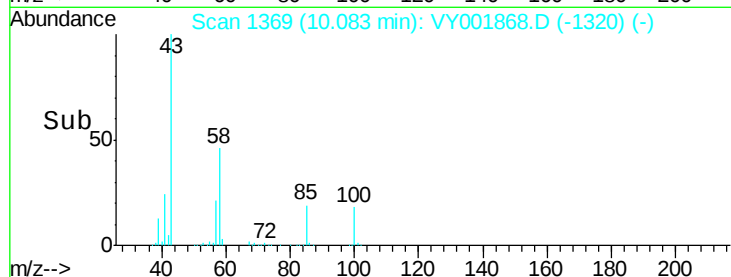
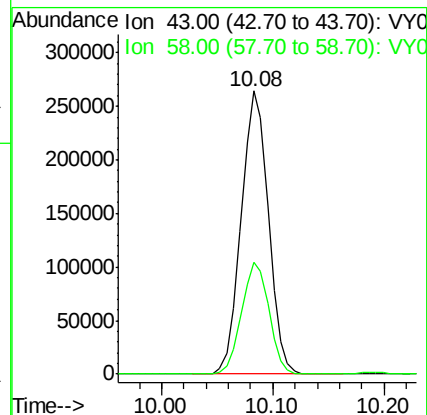
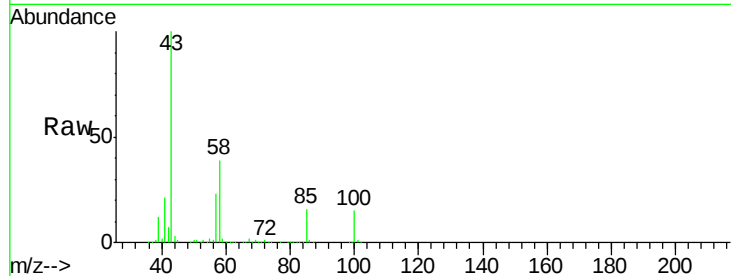
43 100

58 39.7 32.0 48.0

Manual Integrations
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#52

Toluene

Concen: 51.612 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001868.D

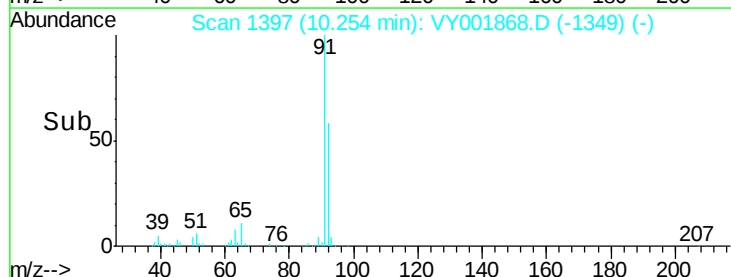
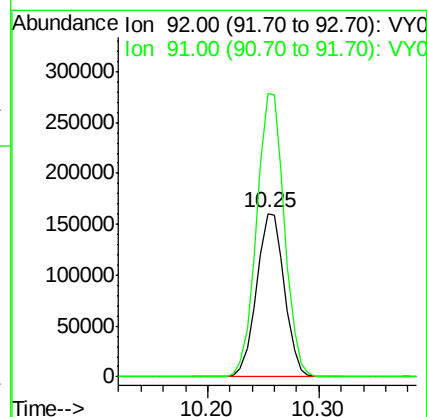
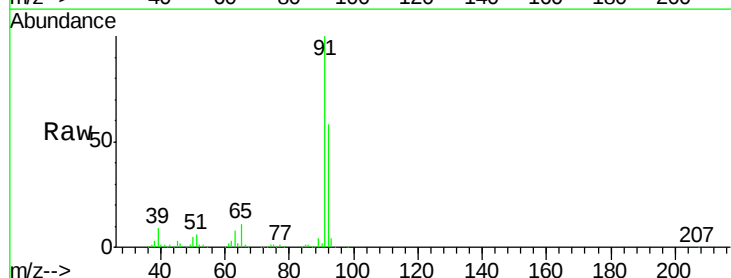
Acq: 05 Mar 2020 09:45

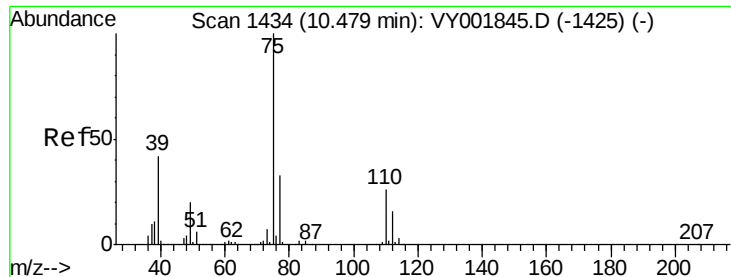
Tgt Ion: 92 Resp: 278920

Ion Ratio Lower Upper

92 100

91 172.8 138.6 208.0





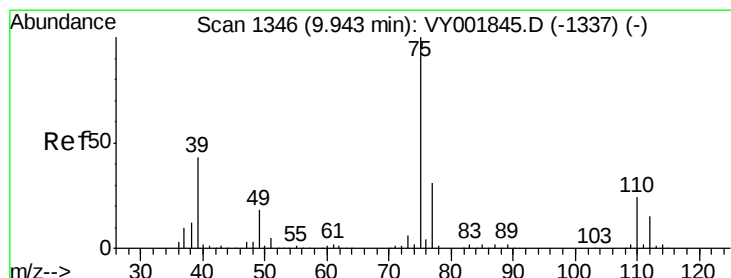
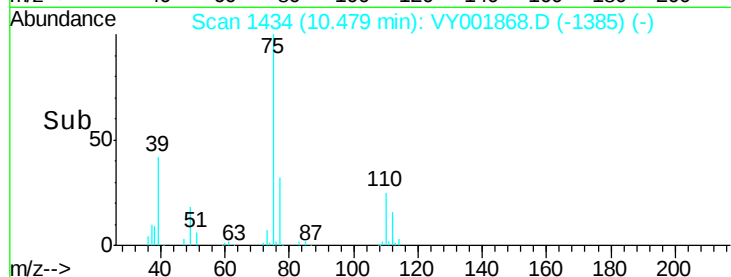
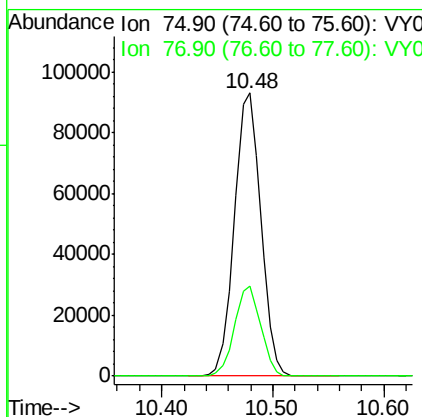
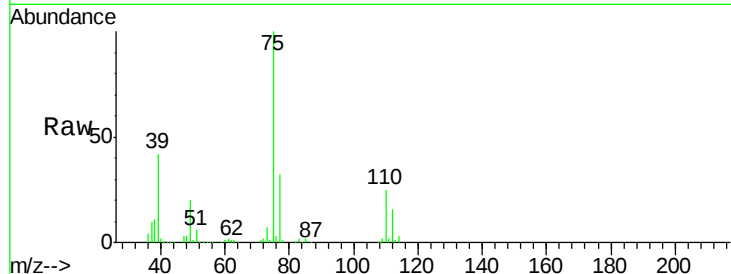
#53
t-1,3-Dichloropropene
Concen: 52.456 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.3	39.5

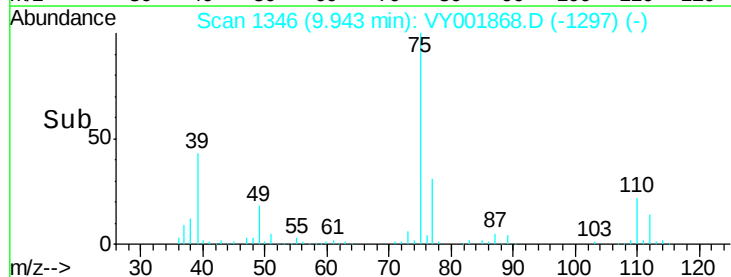
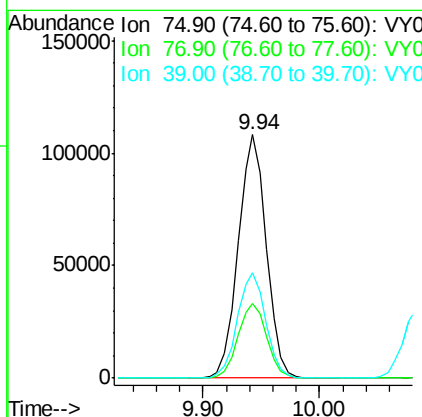
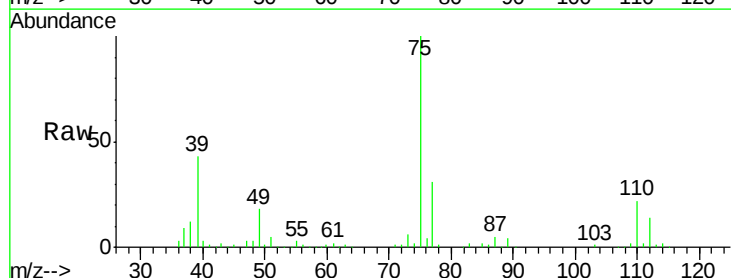
Manual Integrations
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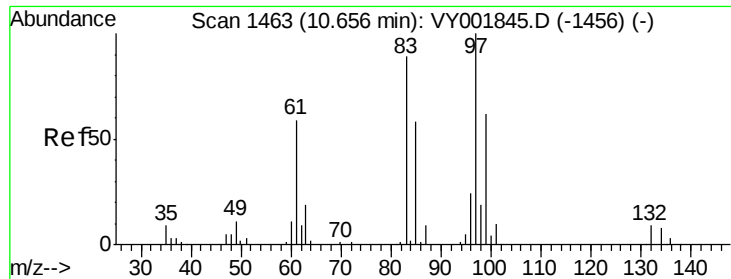
MMDadoda
3/6/2020 11:16:43 AM



#54
cis-1,3-Dichloropropene
Concen: 52.088 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.1	37.7
39	43.1	34.7	52.1





#55

1,1,2-Trichloroethane

Concen: 51.243 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 86425

Ion Ratio Lower Upper

97 100

83 86.2 71.6 107.4

85 55.2 46.6 69.8

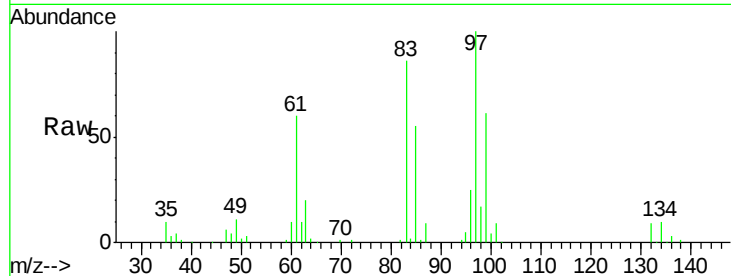
99 60.6 49.8 74.6

Manual Integrations

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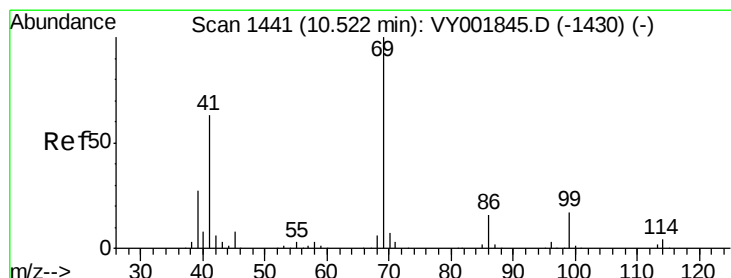
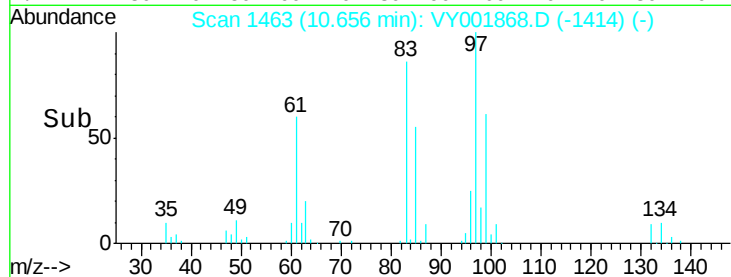
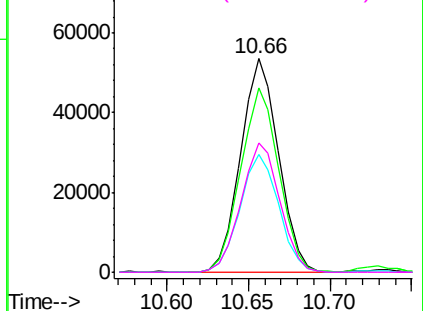
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 52.857 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

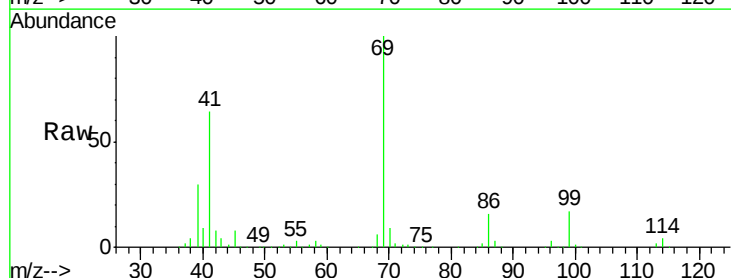
Tgt Ion: 69 Resp: 130666

Ion Ratio Lower Upper

69 100

41 63.9 49.9 74.9

39 31.2 23.0 34.6

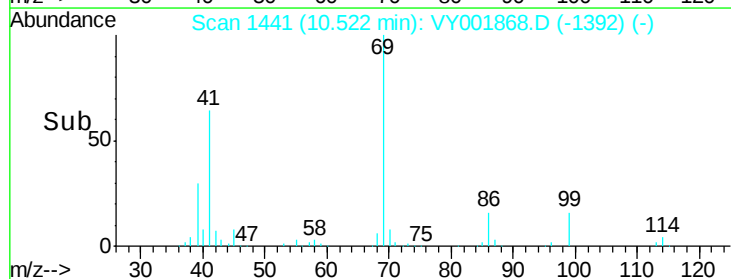
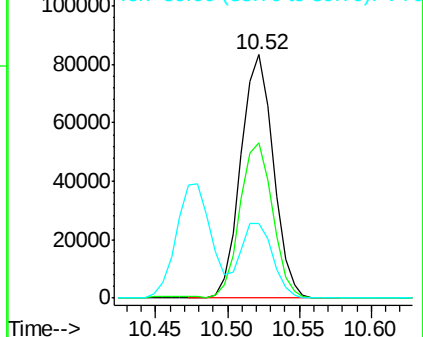


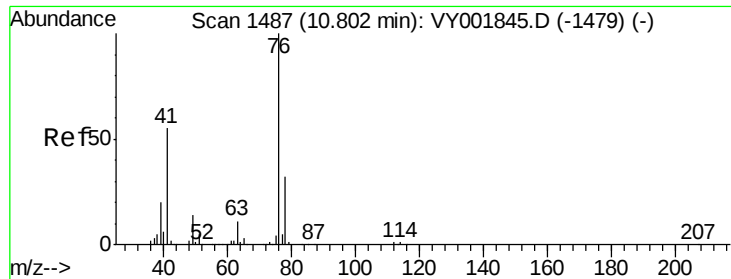
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





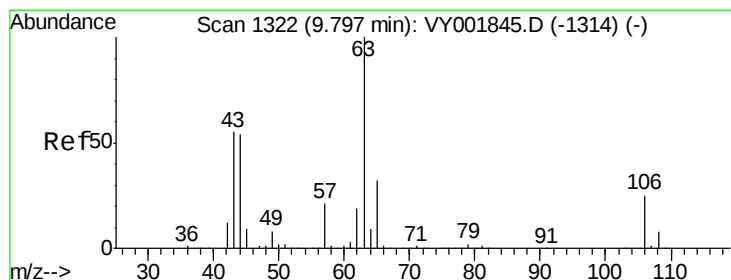
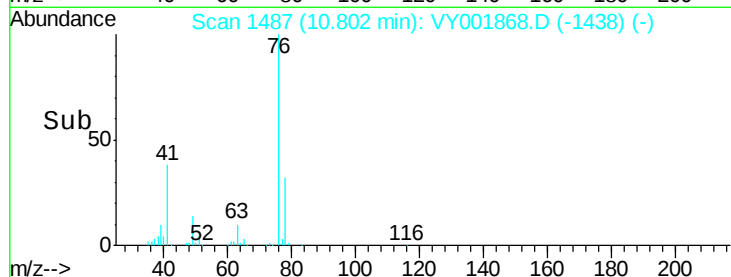
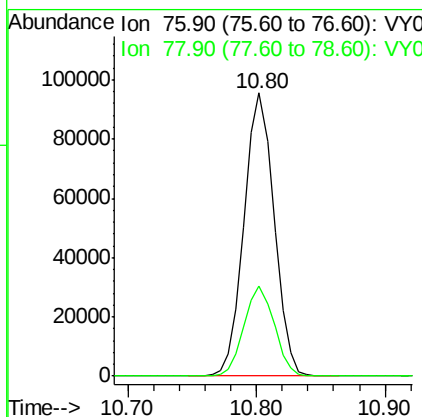
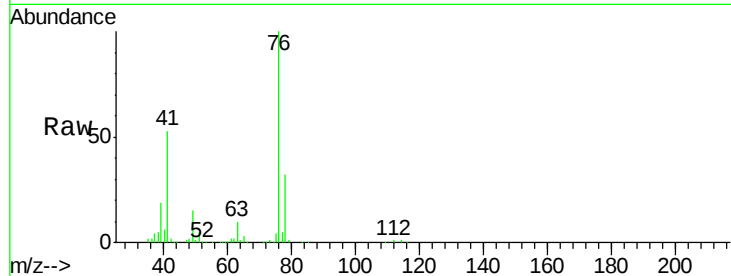
#57
 1,3-Dichloropropane
 Concen: 51.248 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 154070
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6

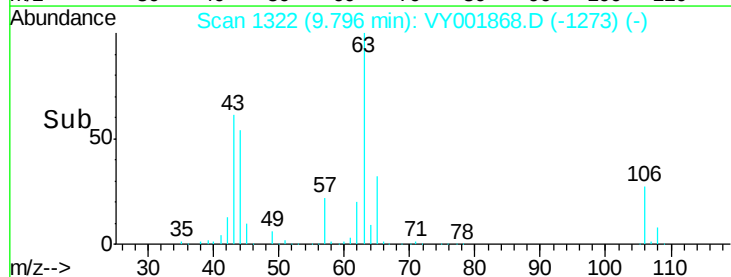
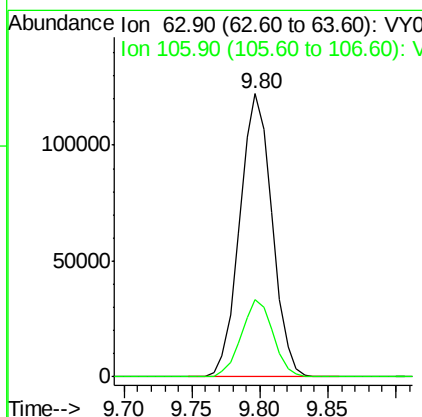
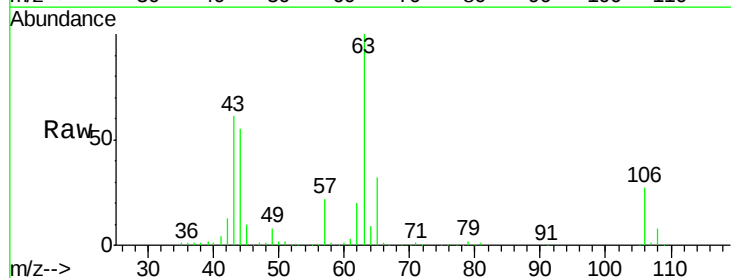
Manual Integrations
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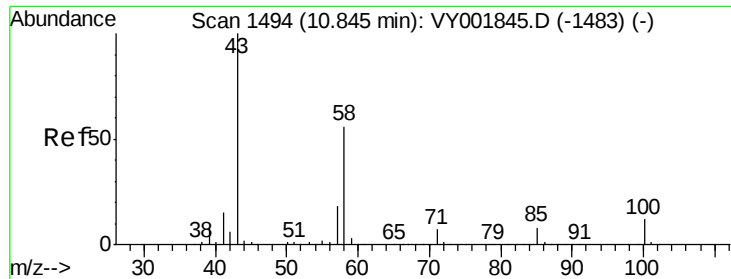
MMDadoda
 3/6/2020 11:16:43 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.622 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 63 Resp: 202960
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.3 31.9





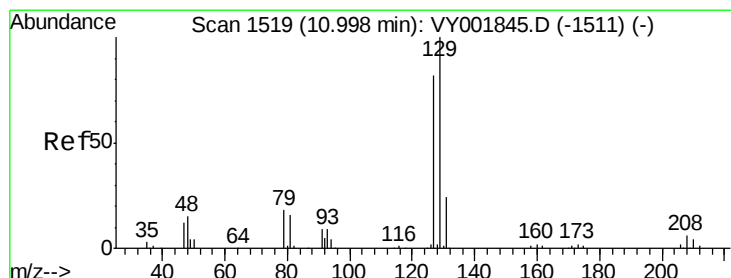
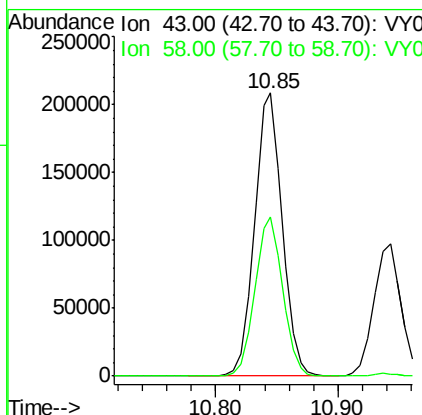
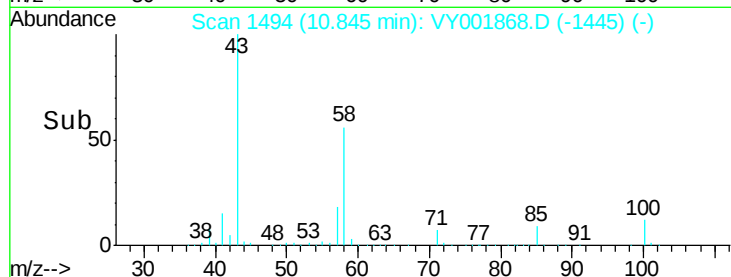
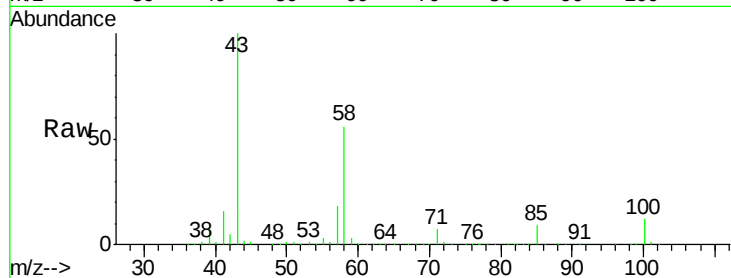
#59
2-Hexanone
Concen: 270.088 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 327931
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3

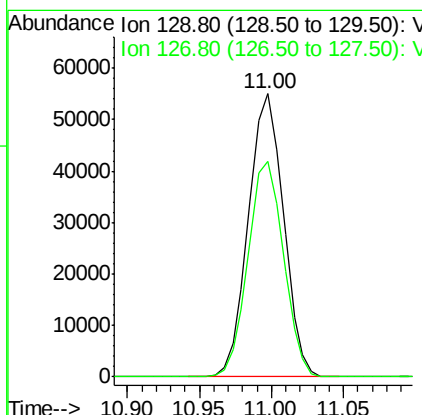
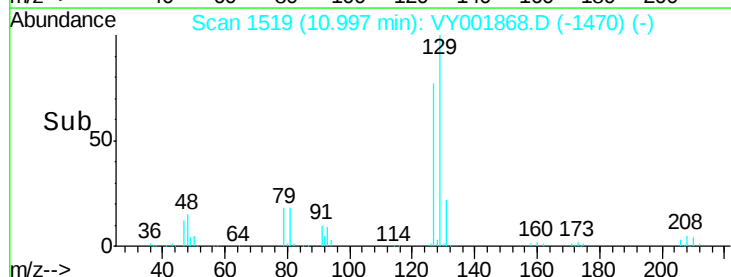
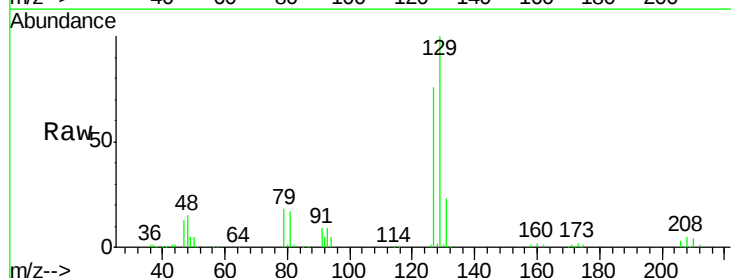
Manual Integrations
APPROVED

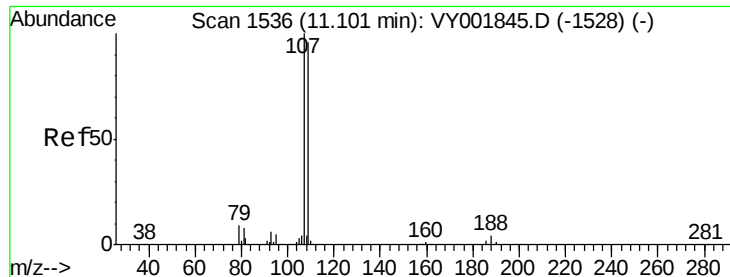
MMDadoda
3/6/2020 11:16:43 AM



#60
Dibromochloromethane
Concen: 52.205 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 129 Resp: 92777
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





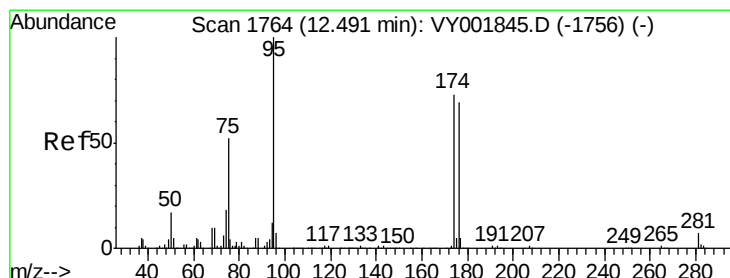
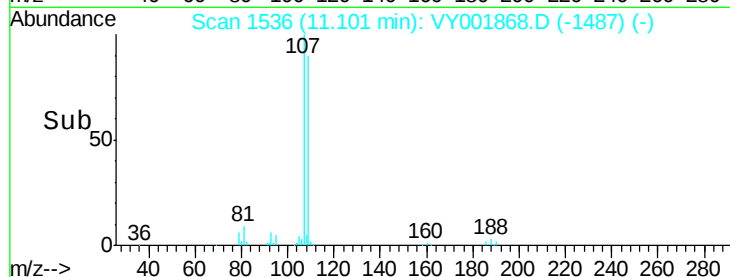
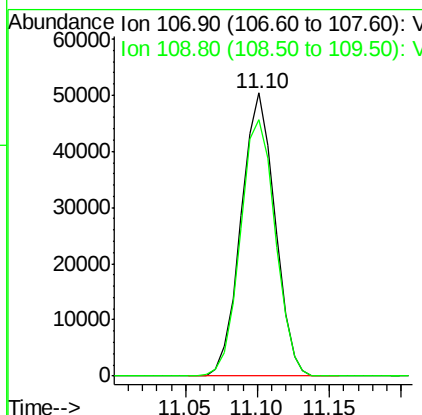
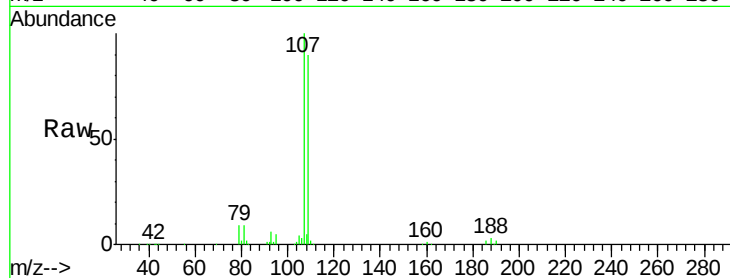
#61
 1,2-Dibromoethane
 Concen: 51.391 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 82102
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.4 113.0

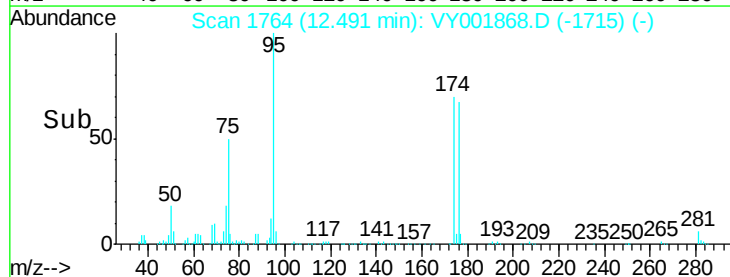
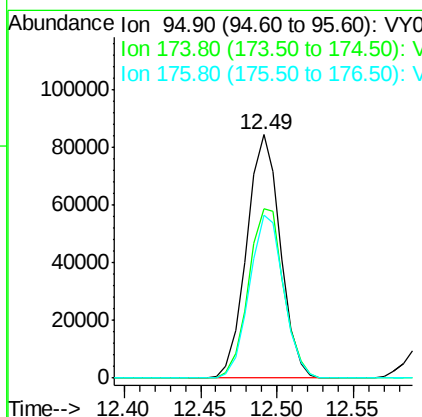
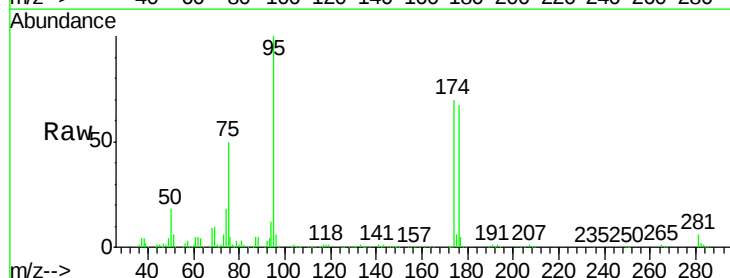
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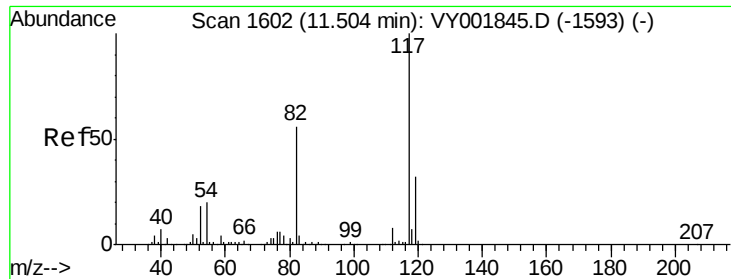
MMDadoda
 3/6/2020 11:16:43 AM



#62
 4-Bromofluorobenzene
 Concen: 51.828 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 95 Resp: 129422
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 145.0
 176 68.3 0.0 137.4





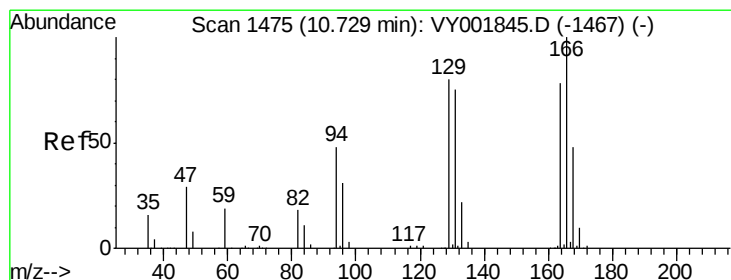
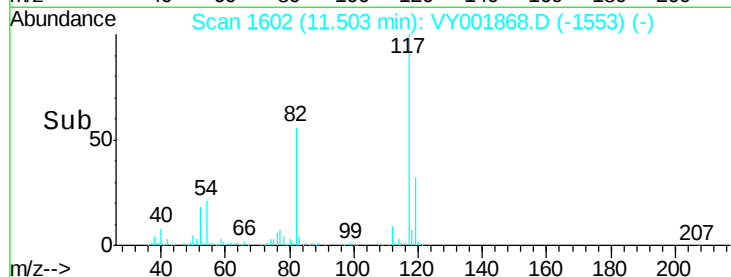
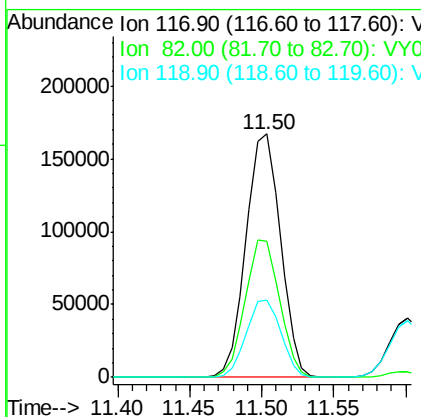
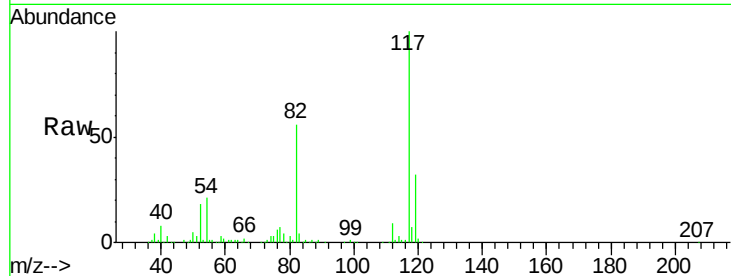
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	277207		
82	56.1		44.5	66.7
119	31.8		25.7	38.5

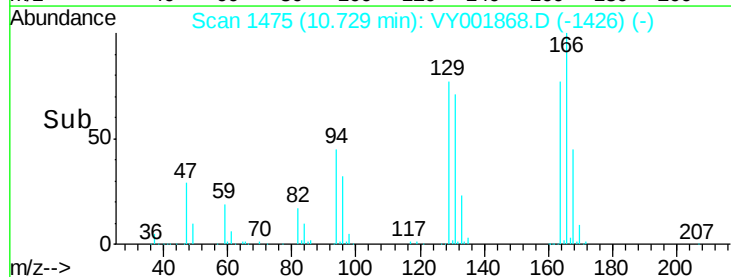
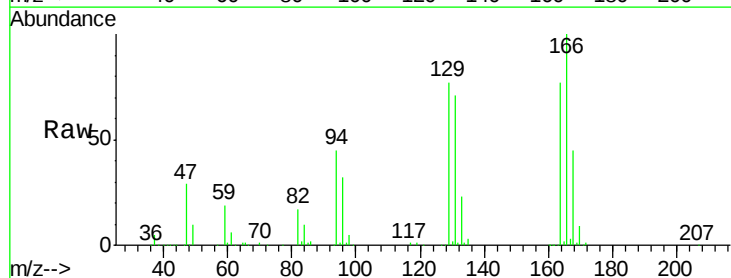
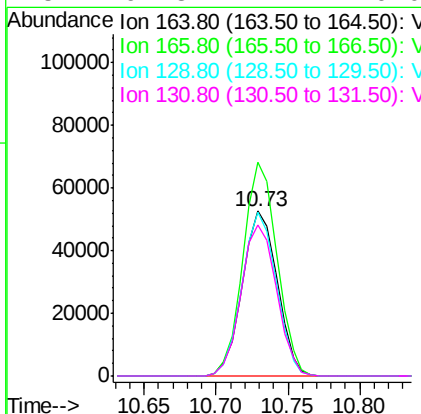
Manual Integrations
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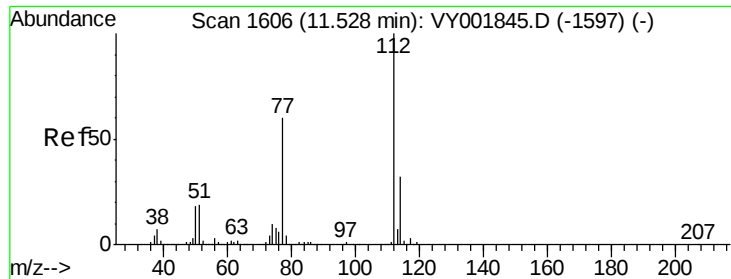
MMDadoda
3/6/2020 11:16:43 AM



#64
Tetrachloroethene
Concen: 50.760 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	88242		
166	129.4		102.6	154.0
129	99.2		82.3	123.5
131	91.8		77.4	116.0





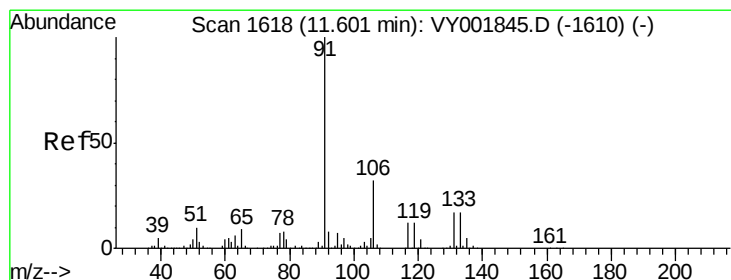
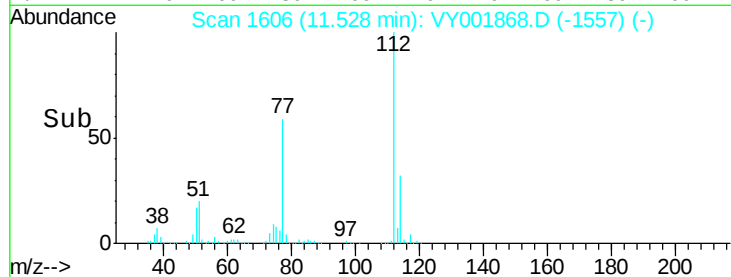
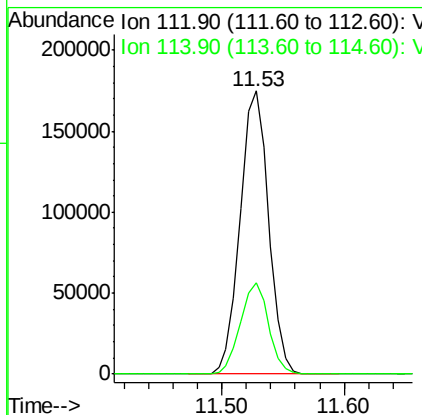
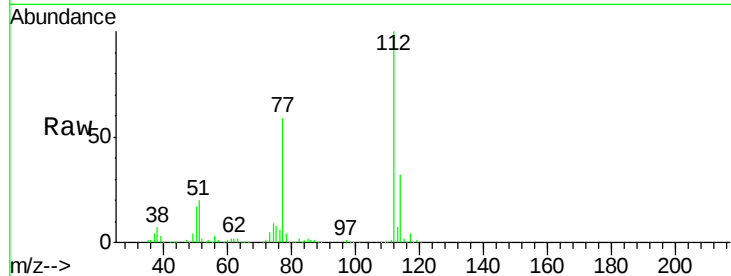
#65
Chlorobenzene
Concen: 51.046 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.9	38.9

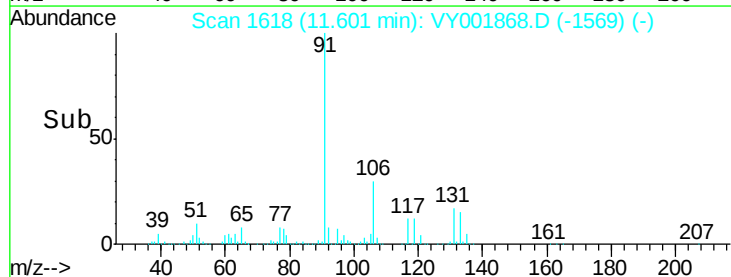
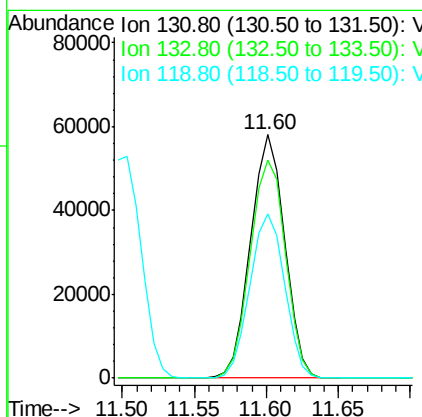
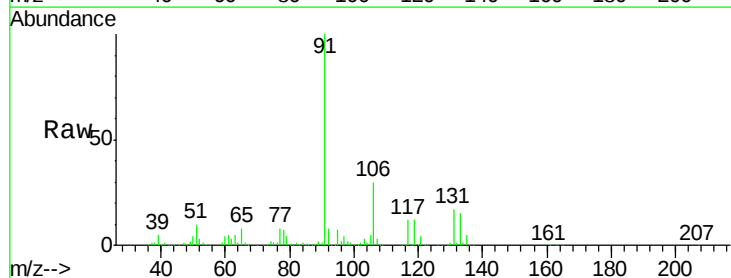
Manual Integrations
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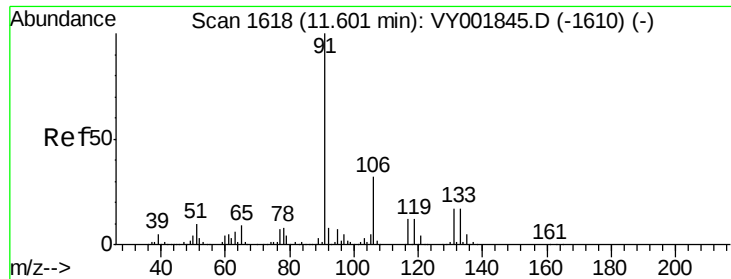
MMDadoda
3/6/2020 11:16:43 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.534 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.7	47.1	141.3
119	68.8	34.5	103.6





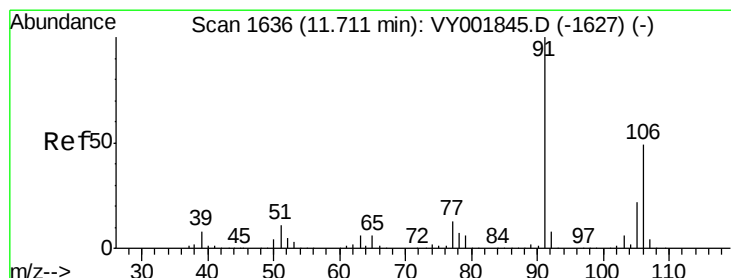
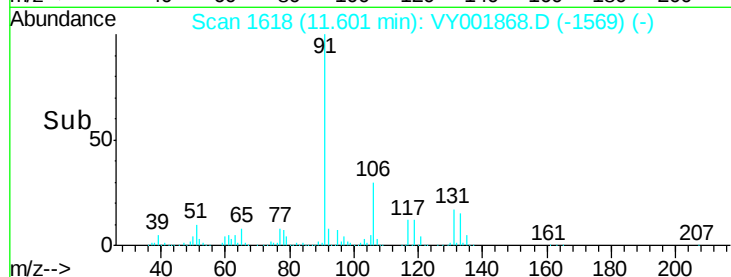
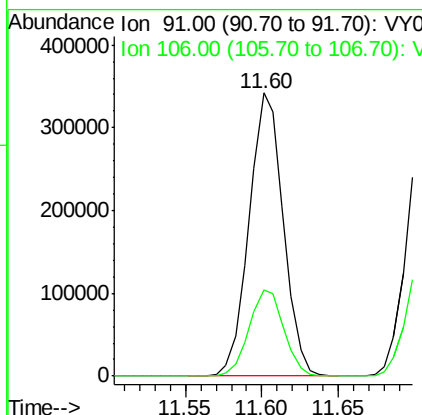
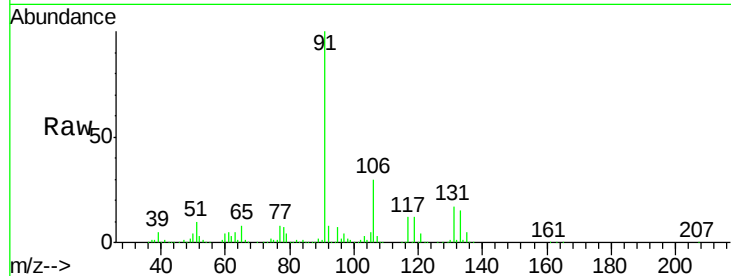
#67
Ethyl Benzene
Concen: 51.508 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 530595
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.2

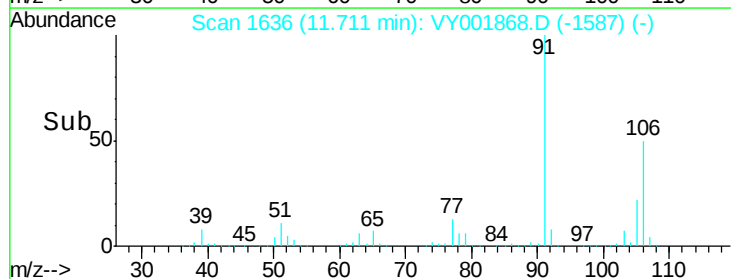
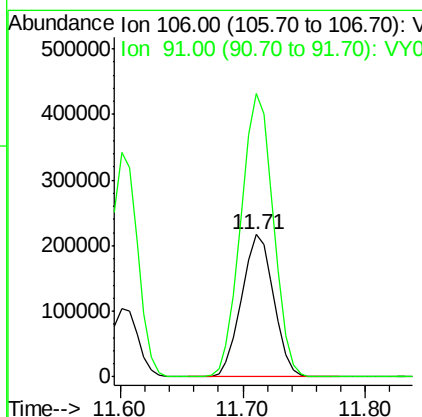
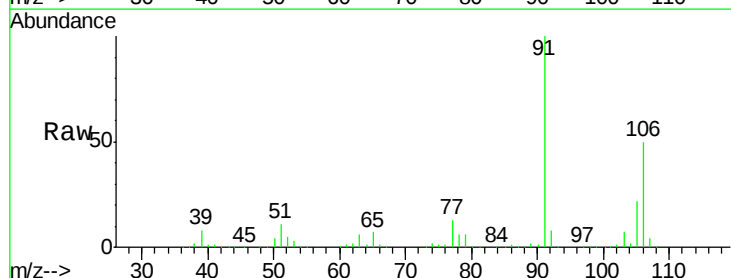
Manual Integrations
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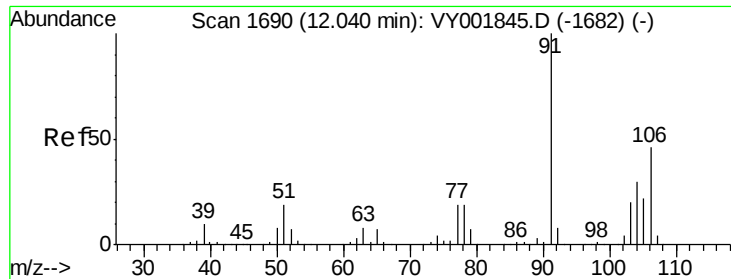
MMDadoda
3/6/2020 11:16:43 AM



#68
m/p-Xylenes
Concen: 103.864 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 106 Resp: 395564
Ion Ratio Lower Upper
106 100
91 200.6 161.3 241.9





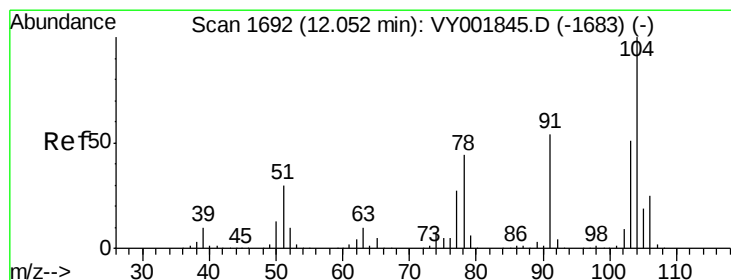
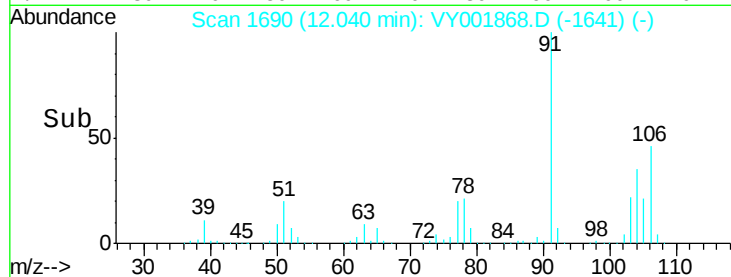
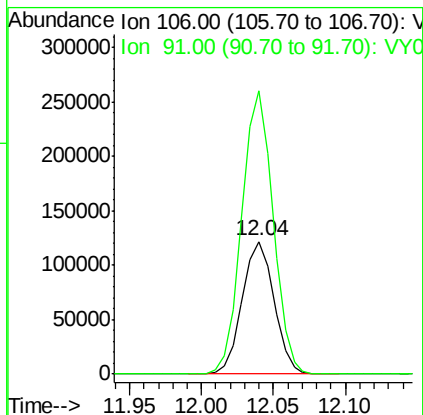
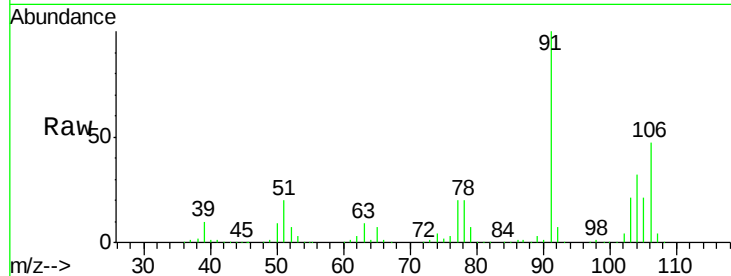
#69
o-Xylene
Concen: 51.932 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 186413
Ion Ratio Lower Upper
106 100
91 210.0 106.8 320.4

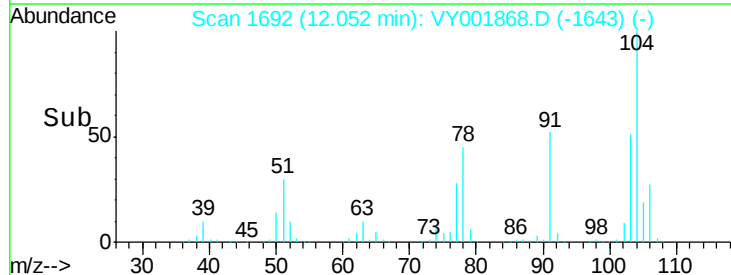
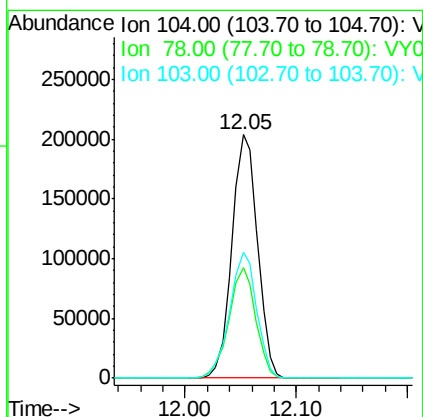
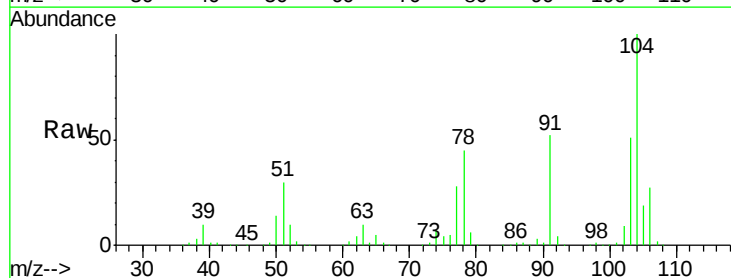
Manual Integrations
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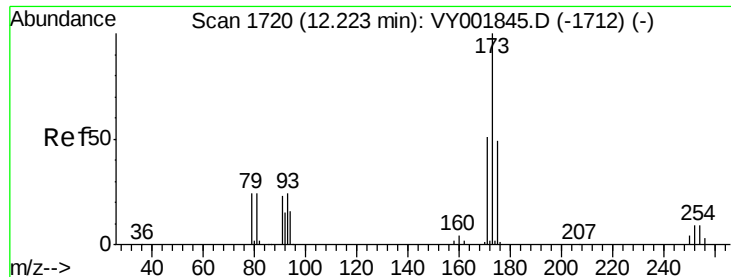
MMDadoda
3/6/2020 11:16:43 AM



#70
Styrene
Concen: 52.648 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion:104 Resp: 323675
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 54.4 42.9 64.3





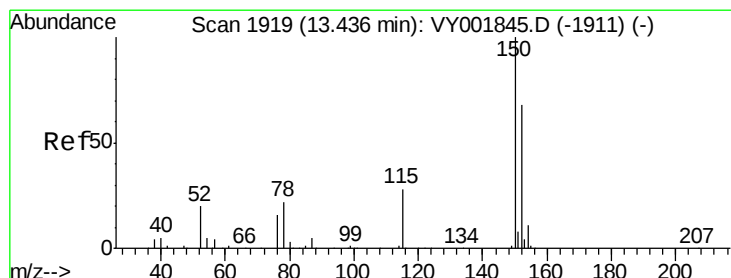
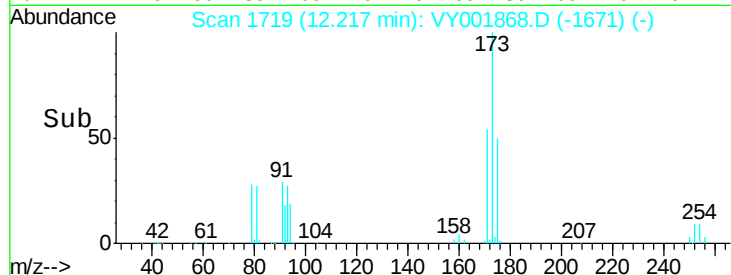
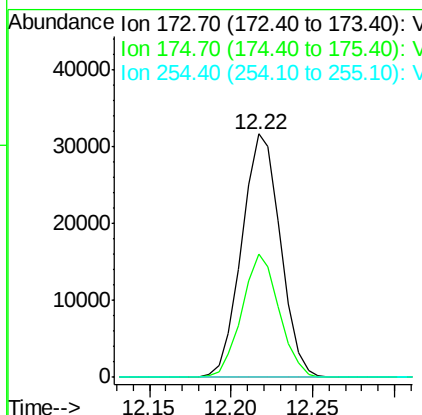
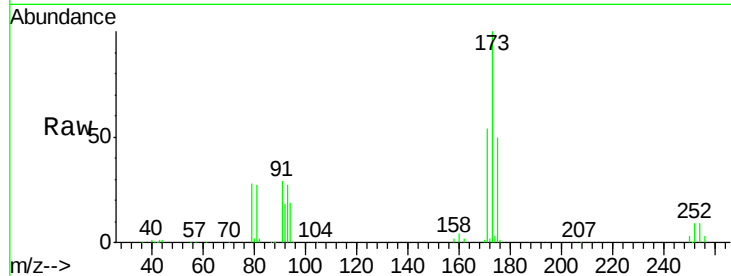
#71
Bromoform
Concen: 53.163 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.0	0.0	0.0

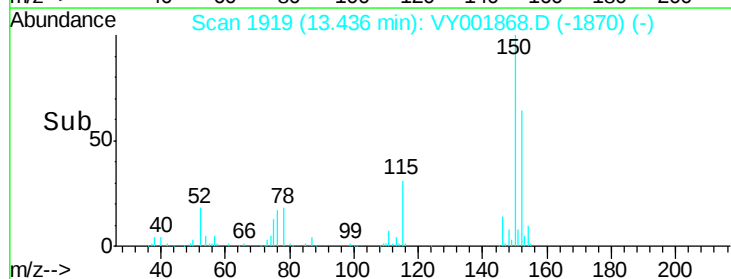
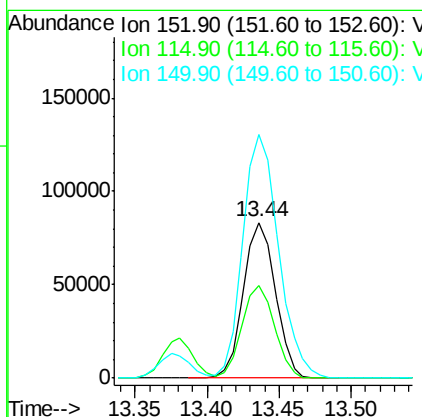
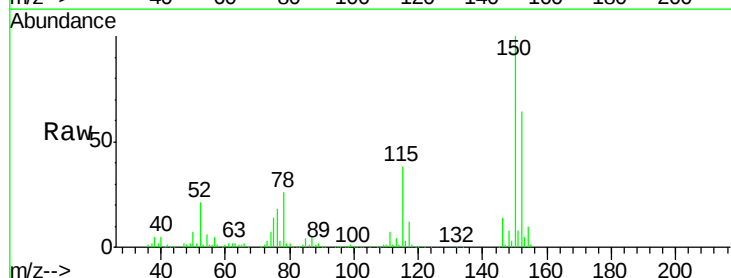
Manual Integrations
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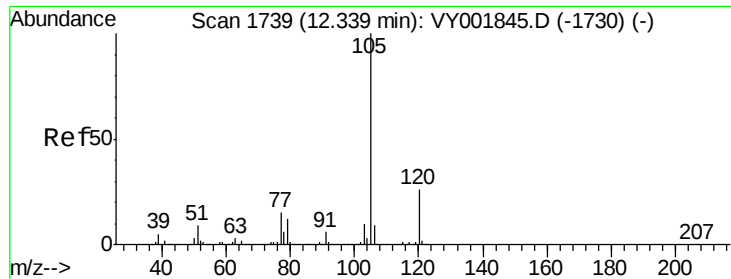
MMDadoda
3/6/2020 11:16:43 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.9	89.7
150	174.4	0.0	340.6





#73

Isopropylbenzene

Concen: 50.774 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 497446

Ion Ratio Lower Upper

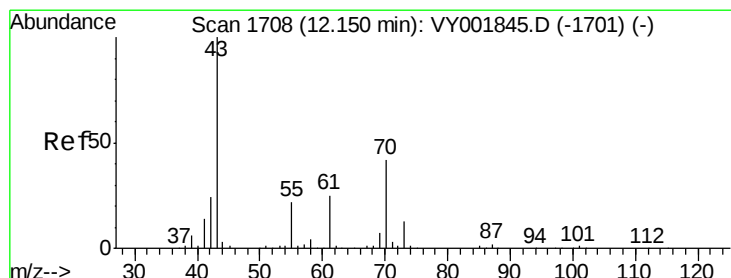
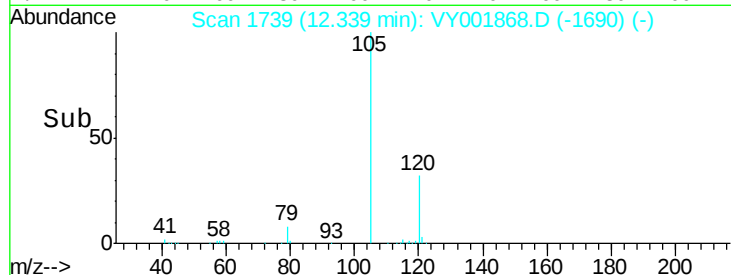
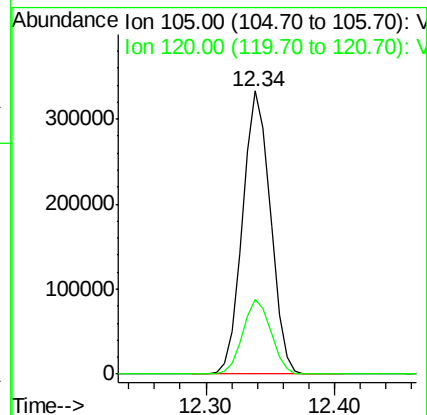
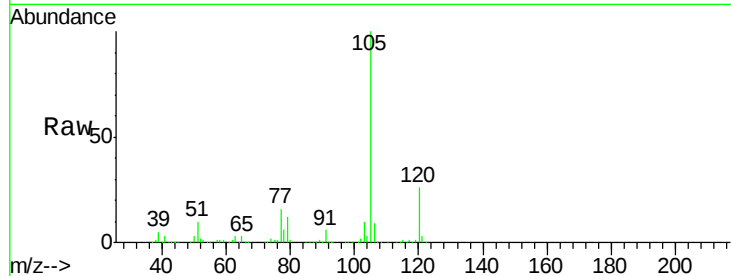
105 100

120 26.5 13.1 39.3

Manual Integrations
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MMDadoda

3/6/2020 11:16:43 AM



#74

N-ethyl acetate

Concen: 52.258 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Tgt Ion: 43 Resp: 157356

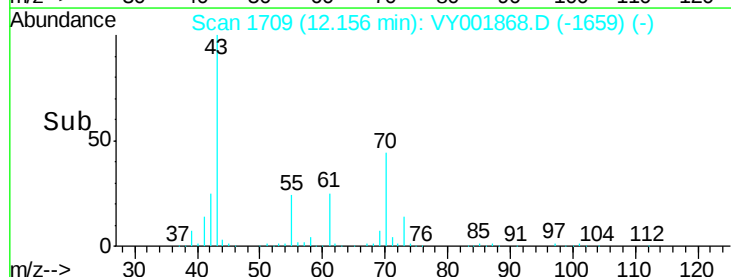
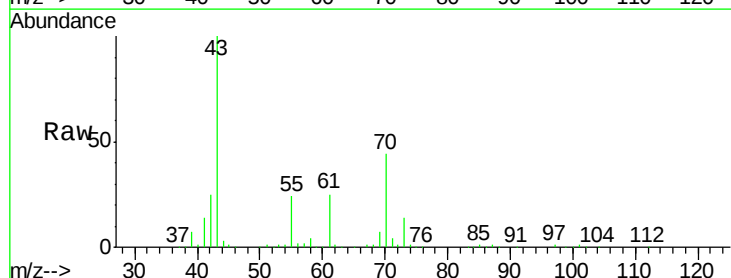
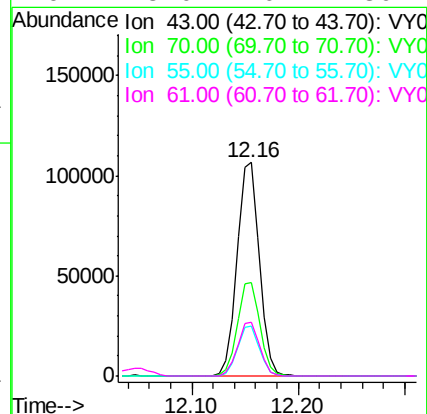
Ion Ratio Lower Upper

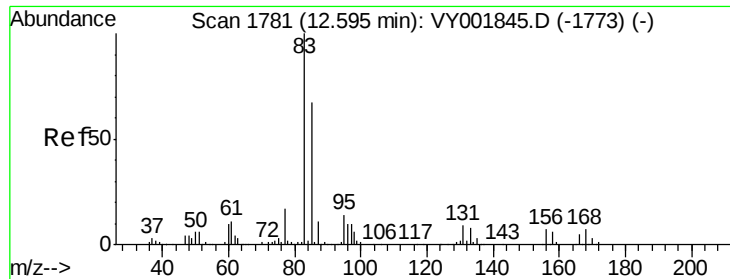
43 100

70 43.9 34.7 52.1

55 23.2 18.2 27.4

61 25.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.550 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

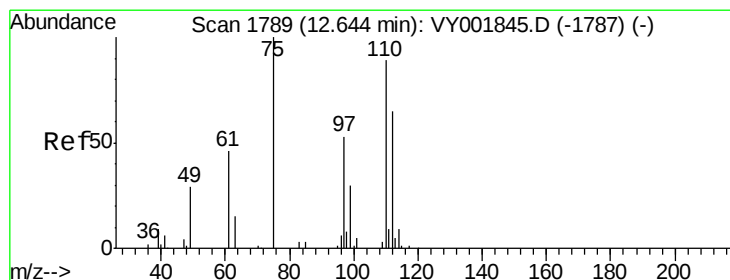
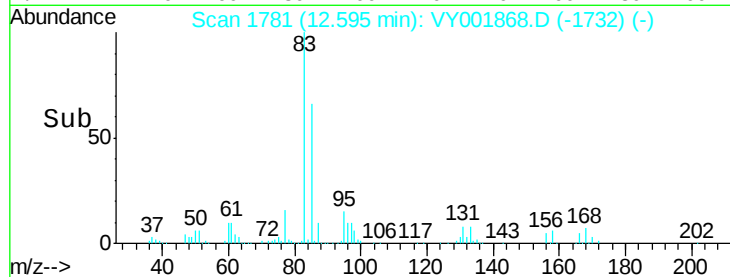
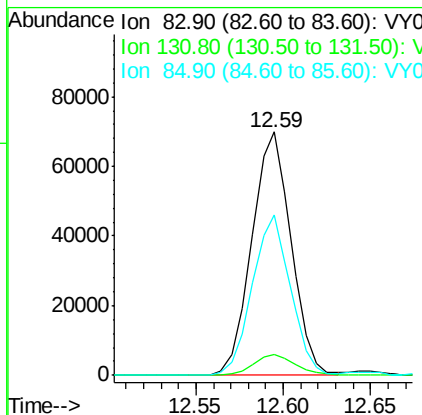
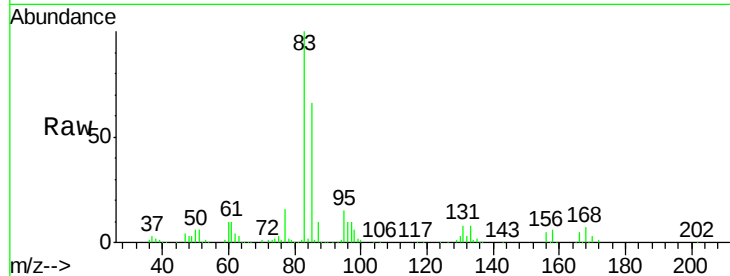
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	108912
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.6	13.8
85	64.1	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.013 ug/l m

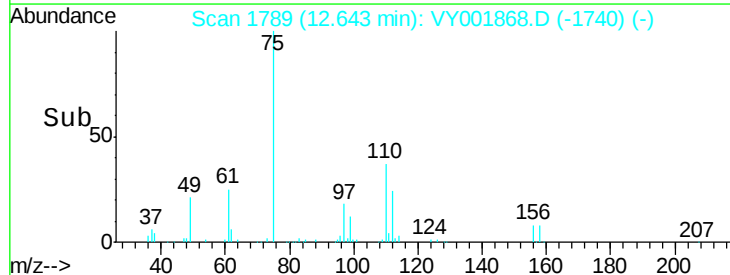
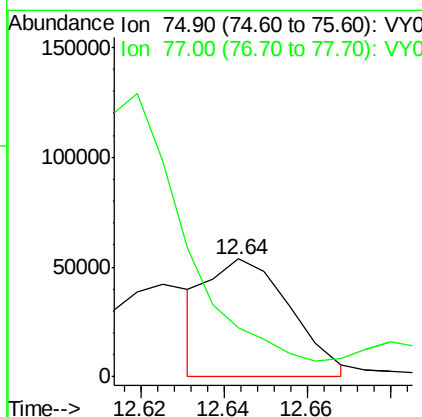
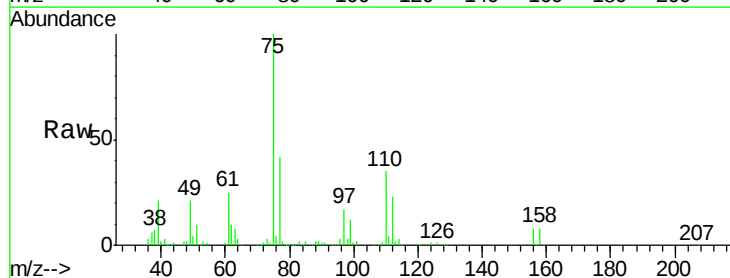
RT: 12.64 min Scan# 1789

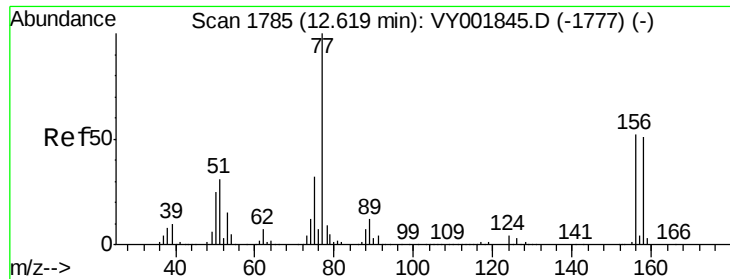
Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Tgt Ion:	75	Resp:	73117
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.766 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

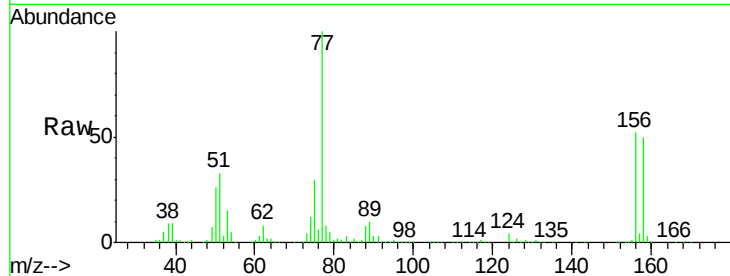
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.8	109.0	327.0
158	96.1	48.9	146.8

Manual Integrations
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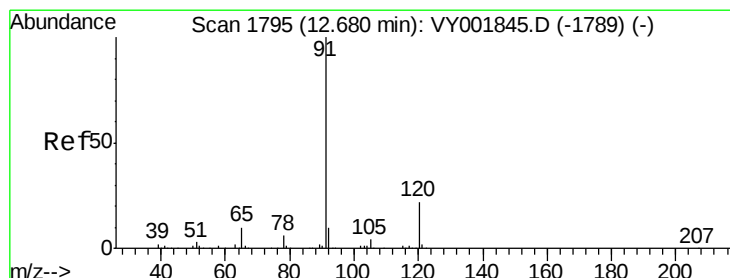
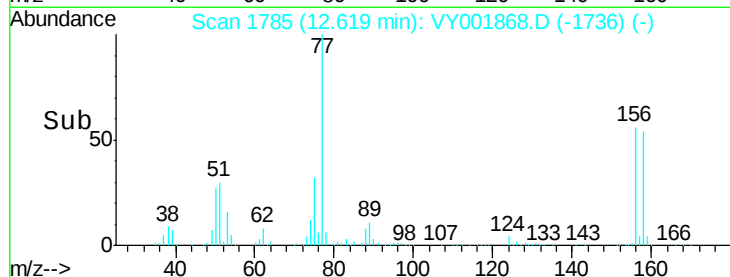
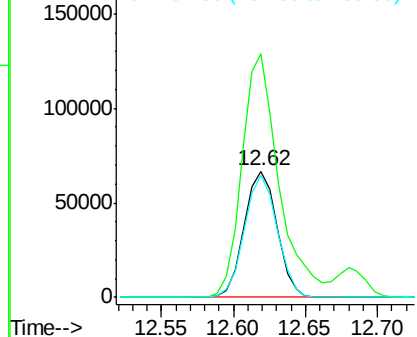
MMDadoda
3/6/2020 11:16:43 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.053 ug/l

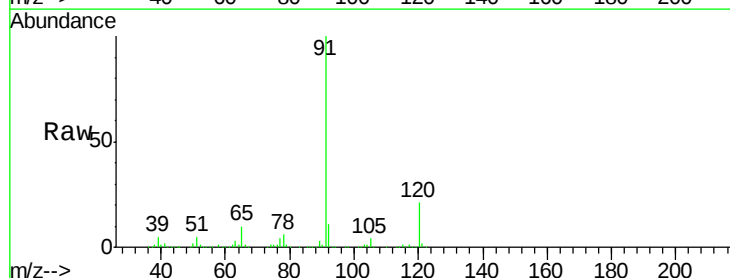
RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001868.D

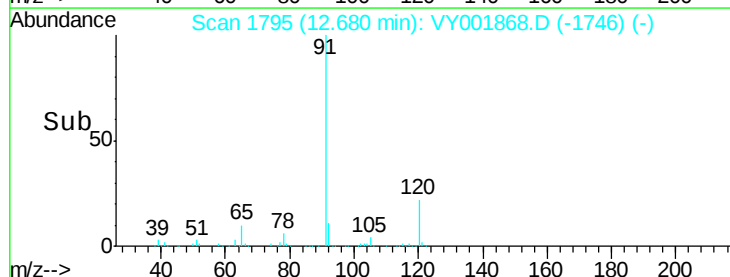
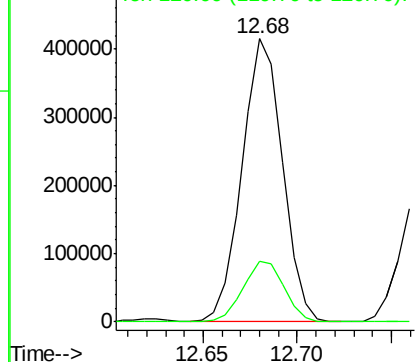
Acq: 05 Mar 2020 09:45

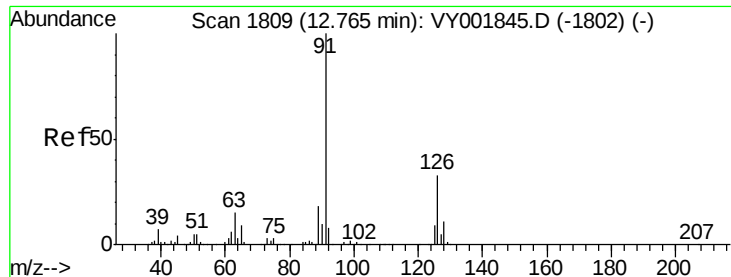
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





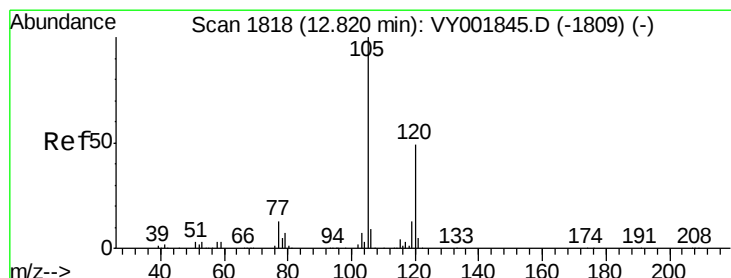
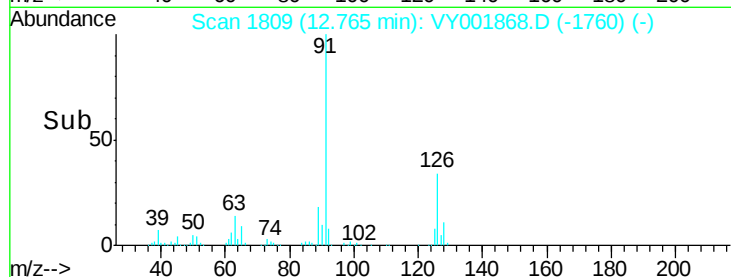
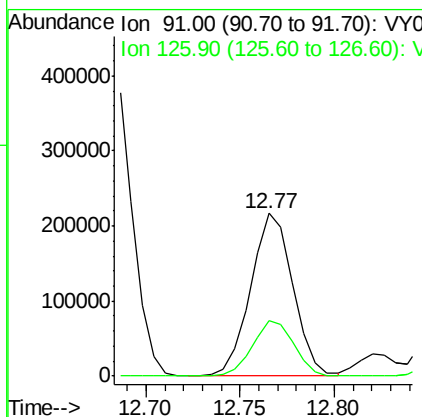
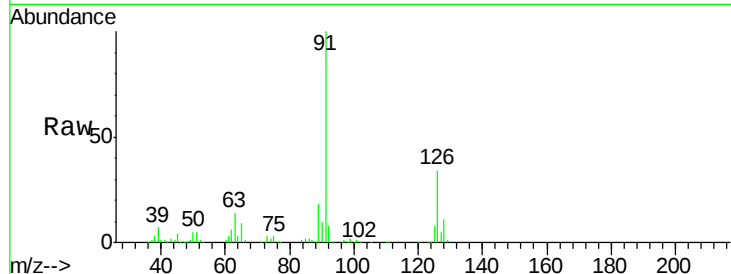
#79
2-Chlorotoluene
Concen: 50.564 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.3	48.8

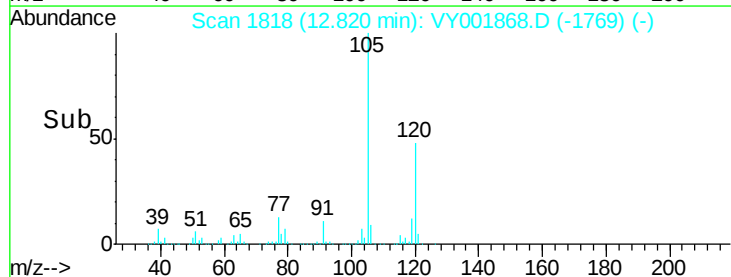
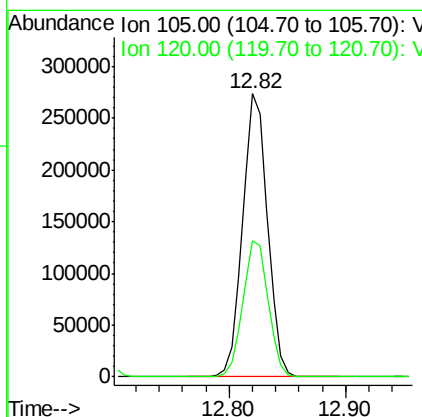
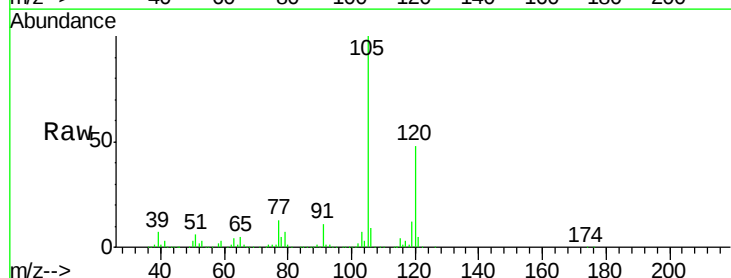
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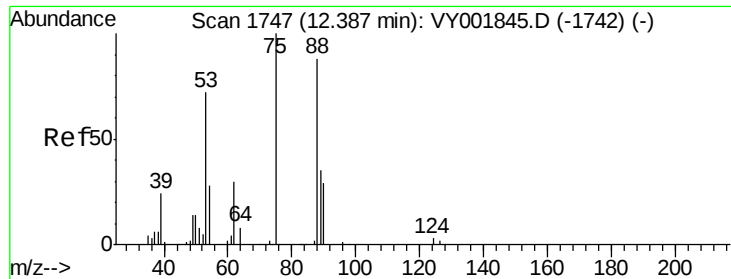
MMDadoda
3/6/2020 11:16:43 AM



#80
1,3,5-Trimethylbenzene
Concen: 50.645 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.4	73.2





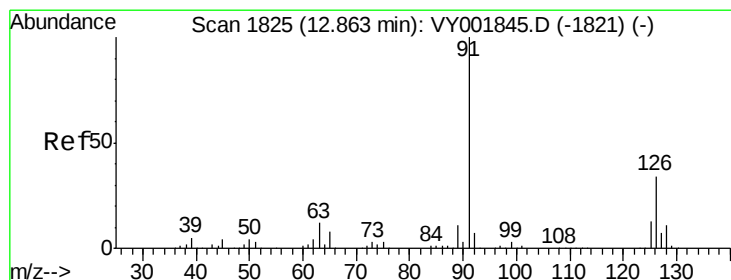
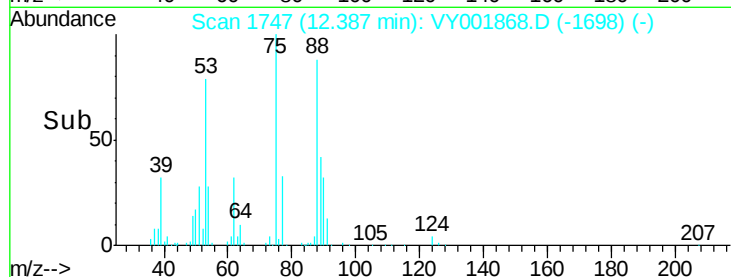
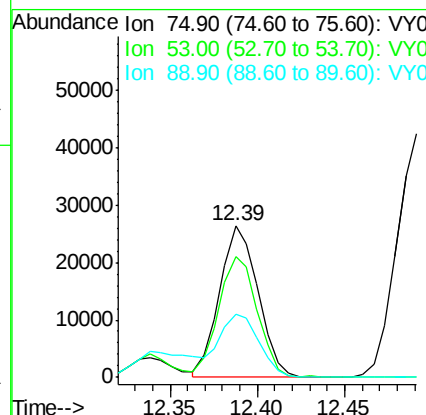
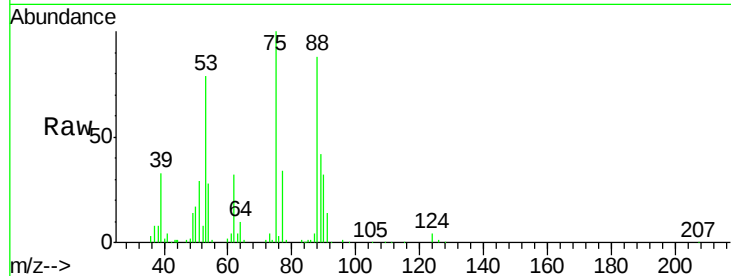
#81
trans-1,4-Dichloro-2-butene
Concen: 53.429 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.5	65.4	98.0
89	42.6	36.0	54.0

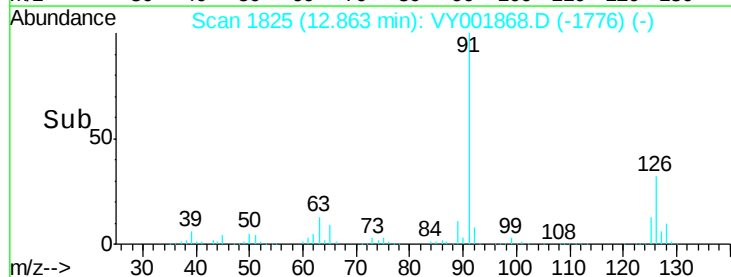
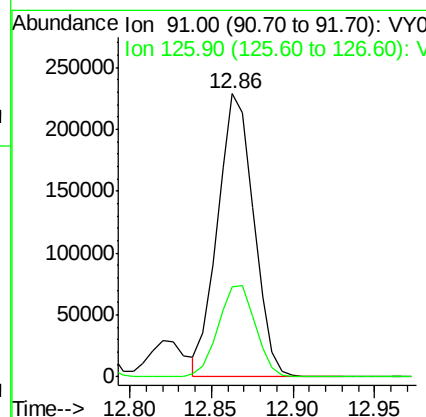
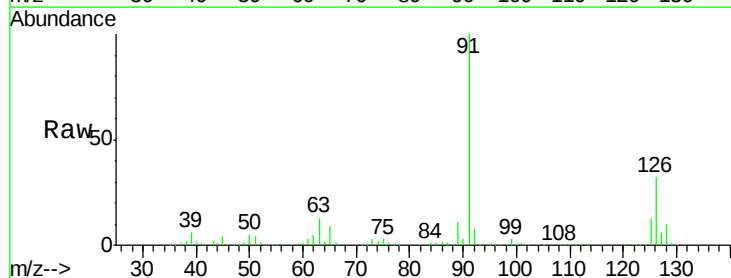
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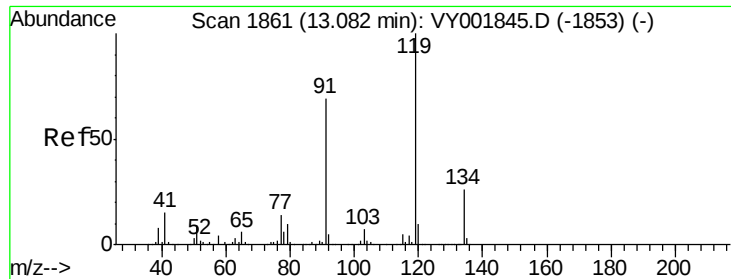
MMDadoda
3/6/2020 11:16:43 AM



#82
4-Chlorotoluene
Concen: 50.637 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.4	49.2





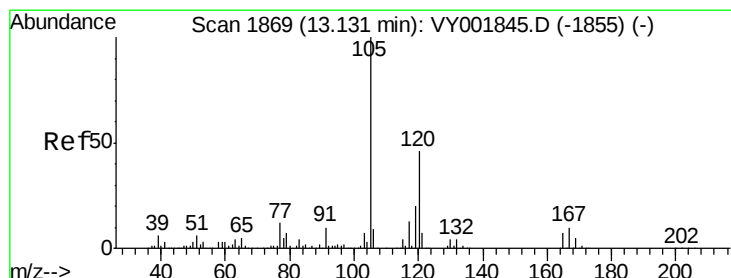
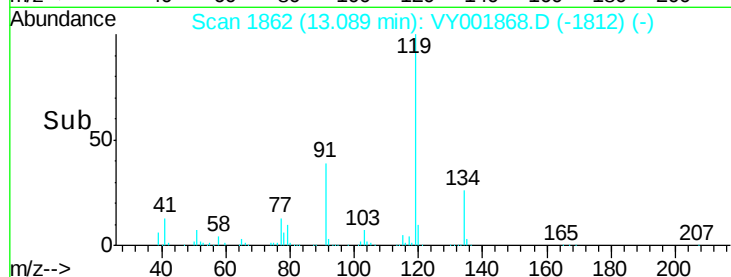
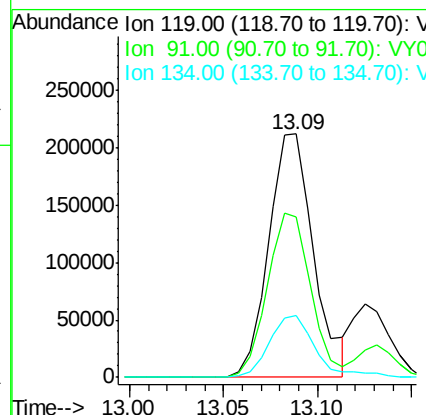
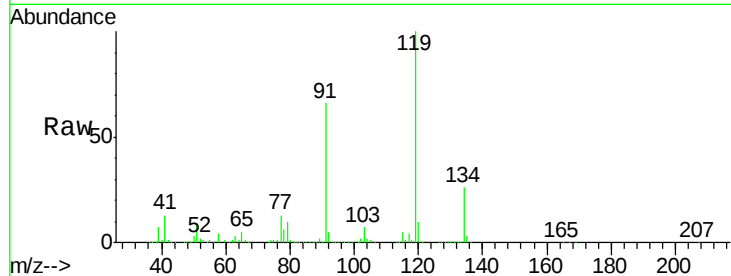
#83
tert-Butylbenzene
Concen: 52.454 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	34.0	101.8
134	26.2	13.5	40.4

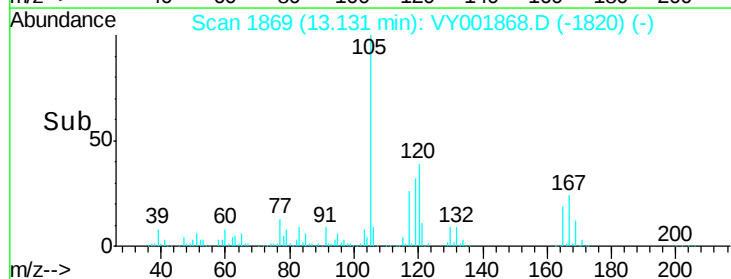
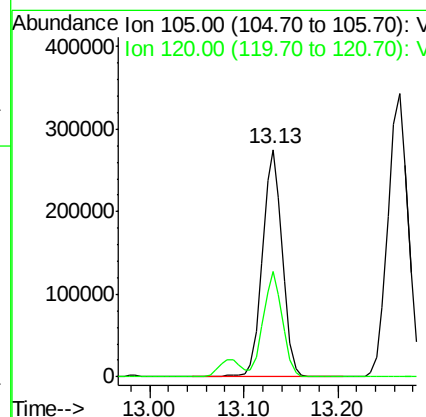
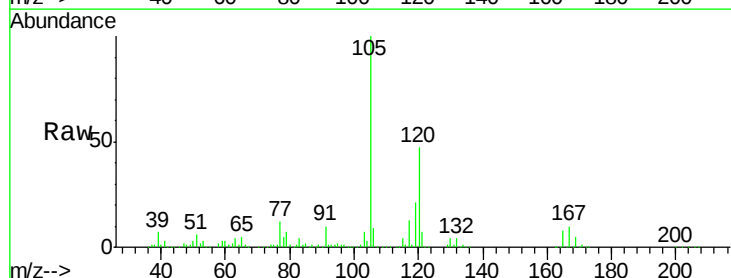
Manual Integrations
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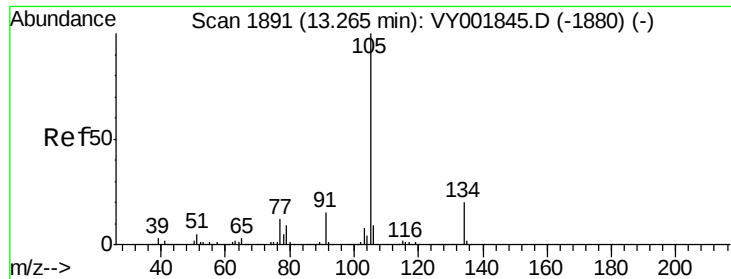
MMDadoda
3/6/2020 11:16:43 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.117 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 51.702 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 510520

Ion Ratio Lower Upper

105 100

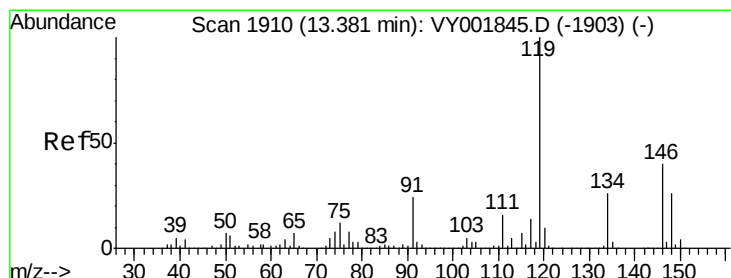
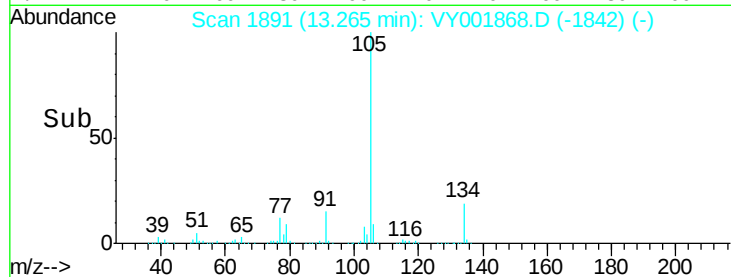
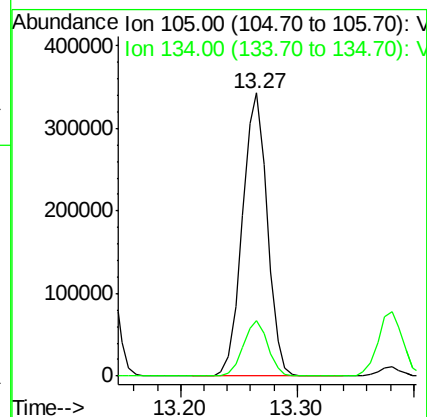
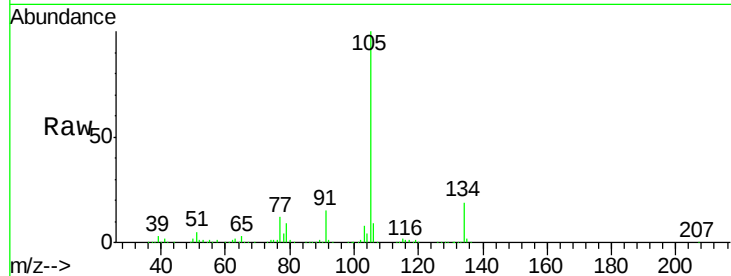
134 19.5 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.458 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

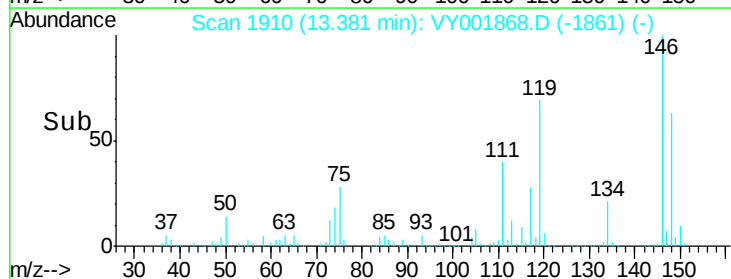
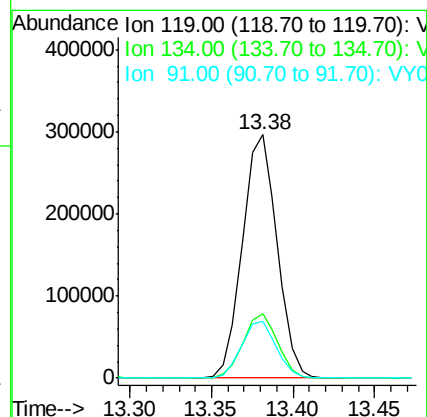
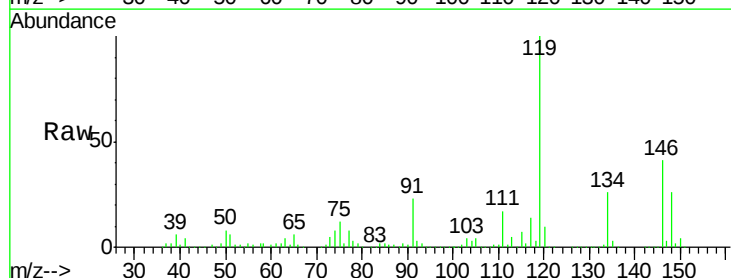
Tgt Ion:119 Resp: 438314

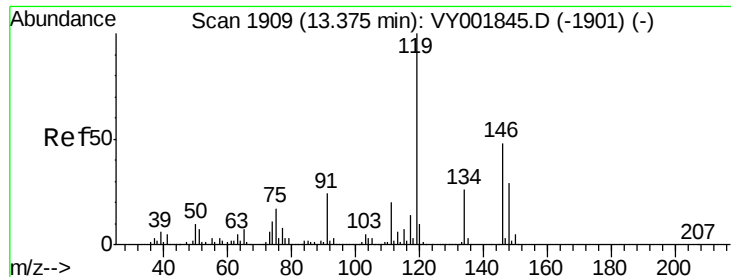
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.4 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 50.679 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

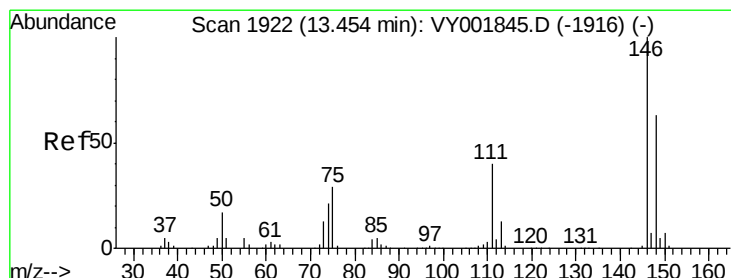
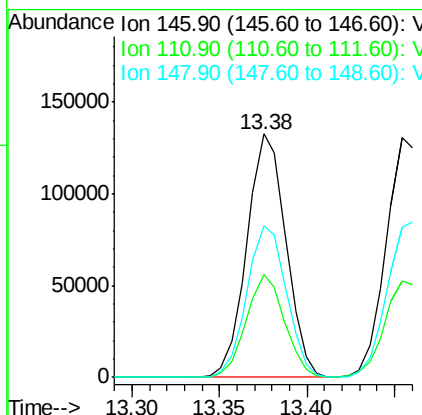
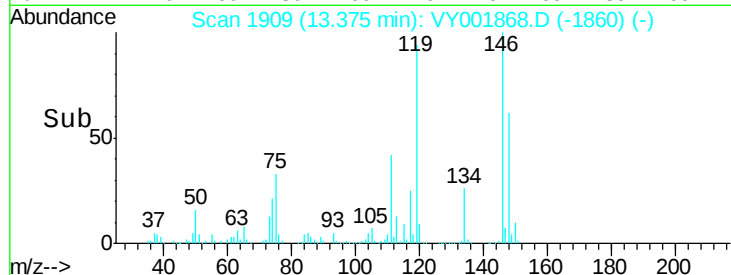
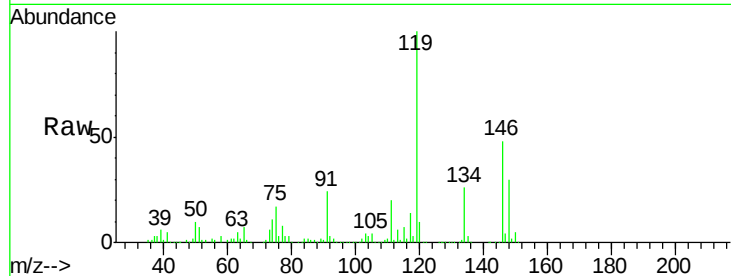
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	206141
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.8	62.5
148	63.1	31.4	94.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.619 ug/l

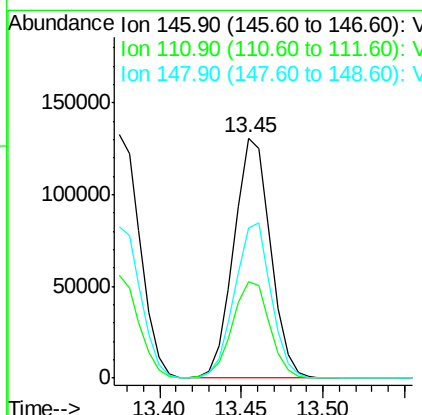
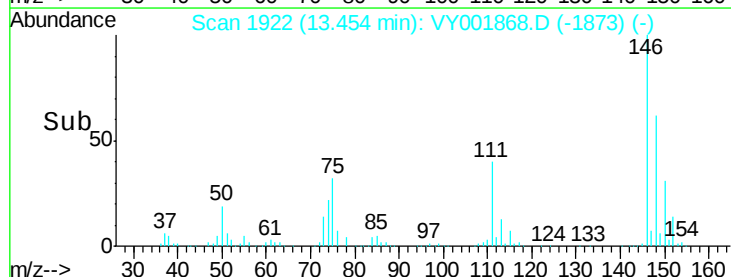
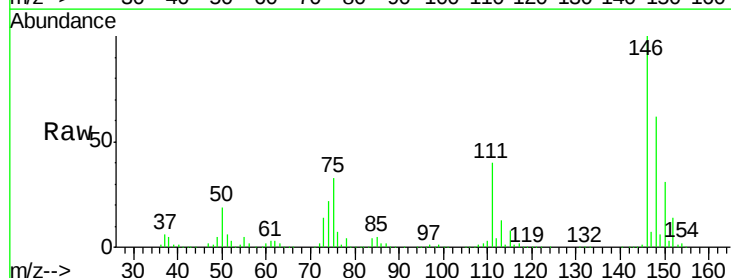
RT: 13.45 min Scan# 1922

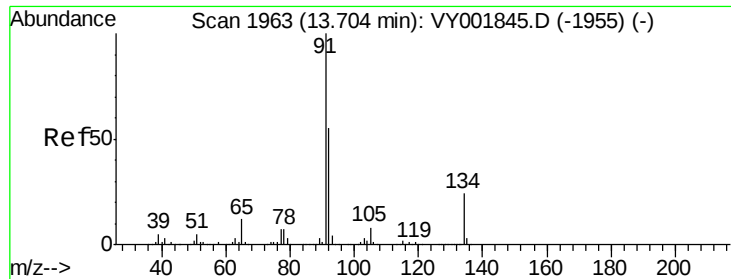
Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Tgt Ion:	146	Resp:	204755
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.0	60.0
148	64.1	31.5	94.5





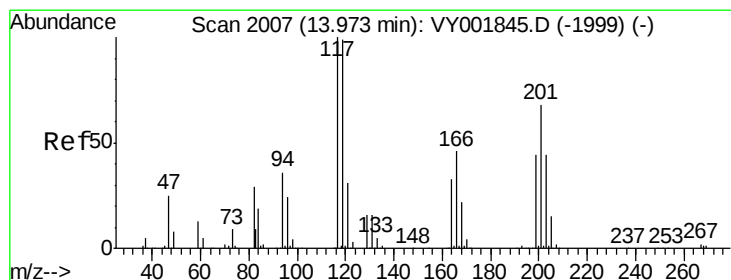
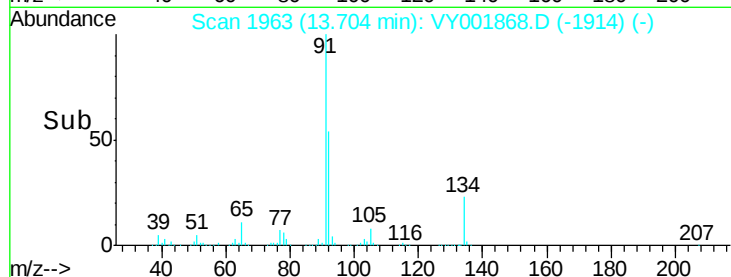
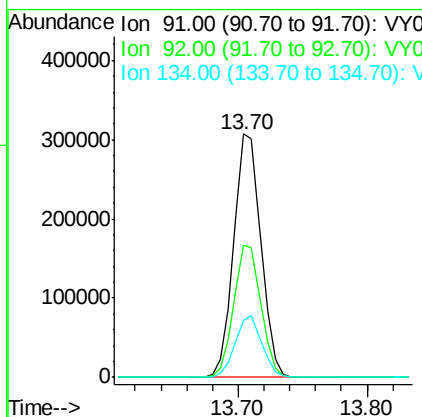
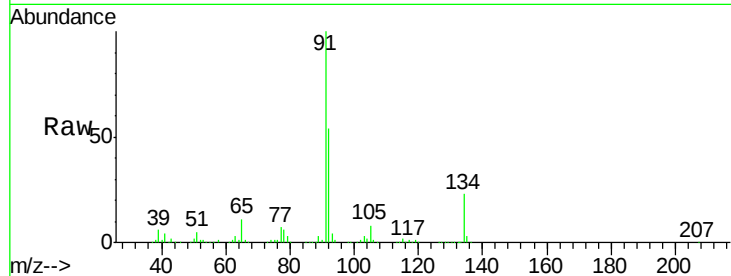
#89
n-Butylbenzene
Concen: 51.183 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	452317		
92	54.0		27.5	82.4
134	24.6		12.5	37.5

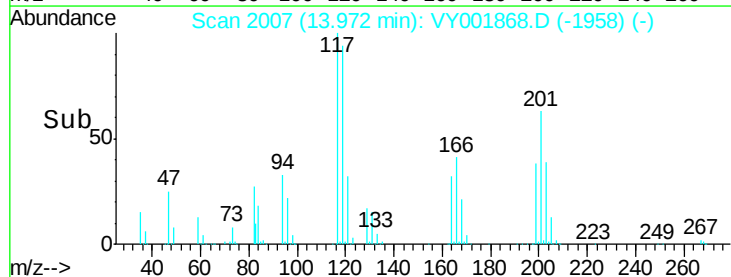
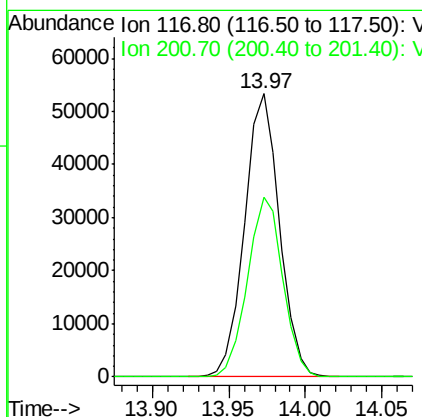
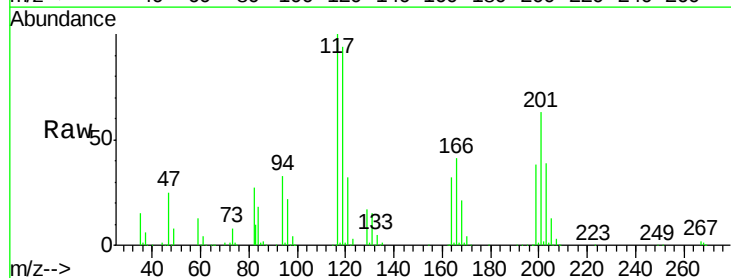
Manual Integrations
APPROVED

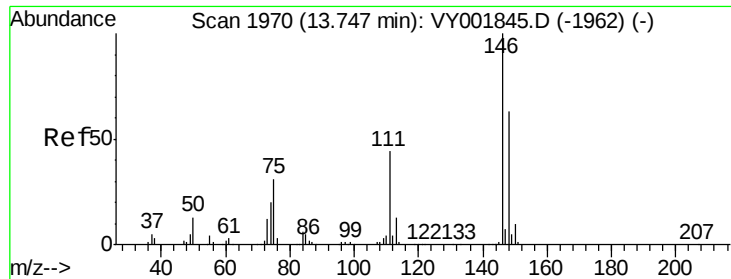
MMDadoda
3/6/2020 11:16:43 AM



#90
Hexachloroethane
Concen: 52.463 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	84304		
201	64.5		32.5	97.5





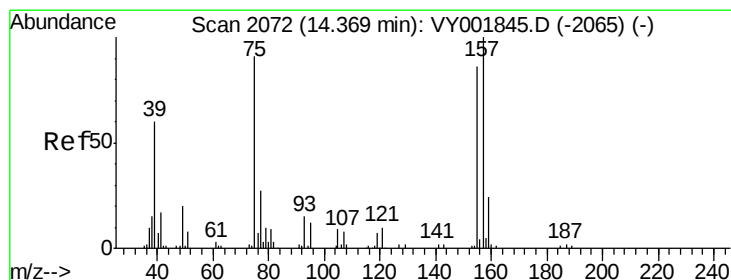
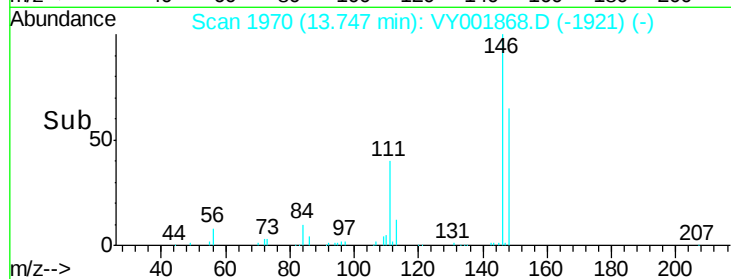
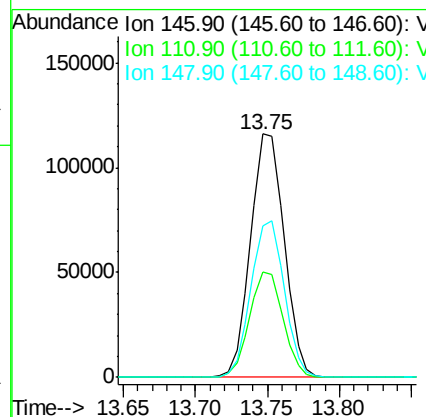
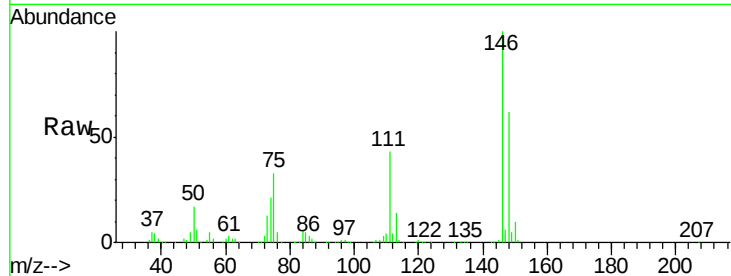
#91
 1,2-Dichlorobenzene
 Concen: 50.700 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.5	64.5
148	63.7	32.0	96.0

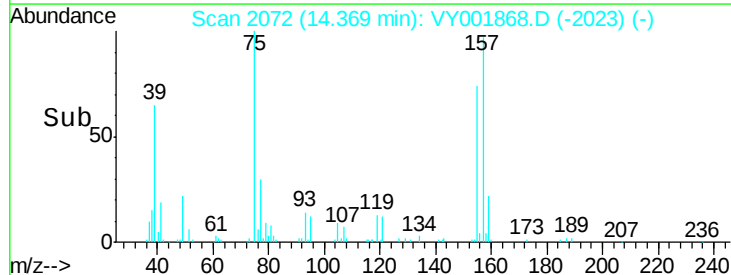
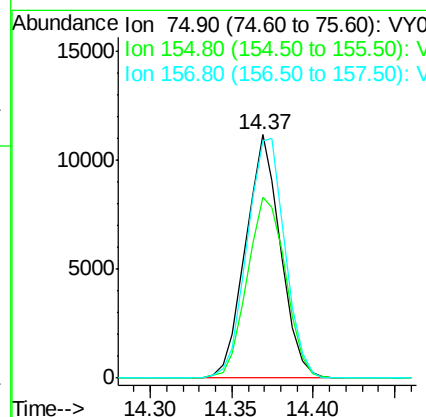
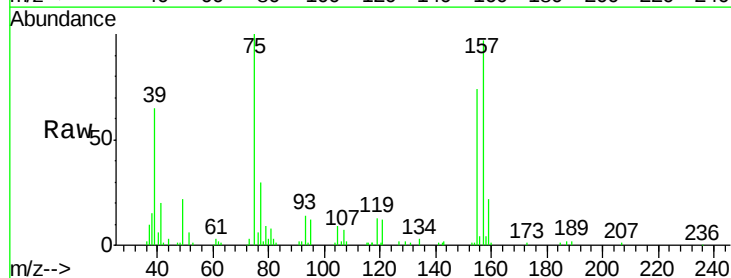
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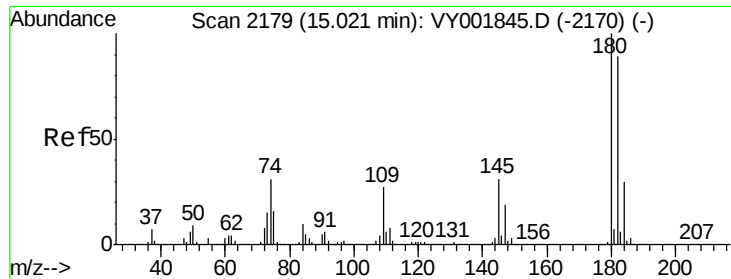
MMDadoda
 3/6/2020 11:16:43 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.542 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	42.9	128.7
157	106.3	53.1	159.4





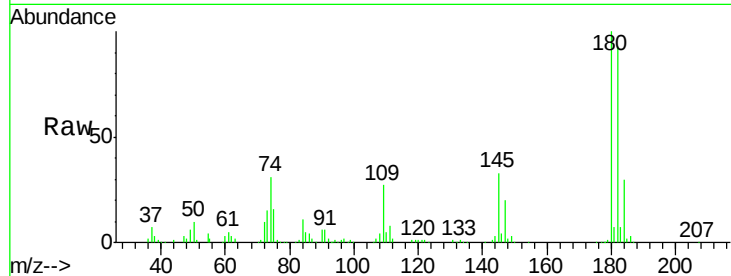
#93
1,2,4-Trichlorobenzene
Concen: 50.494 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

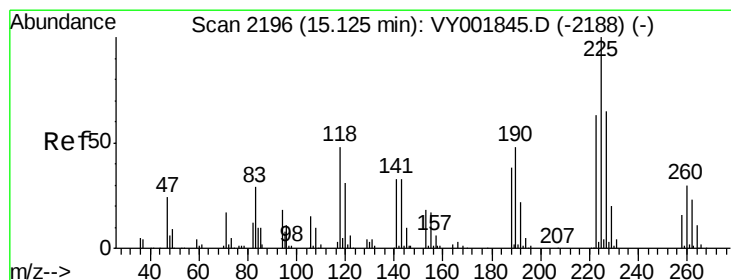
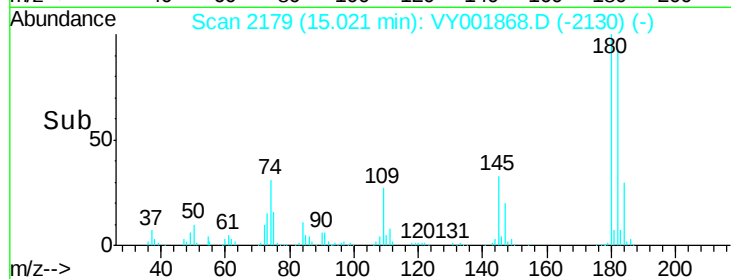
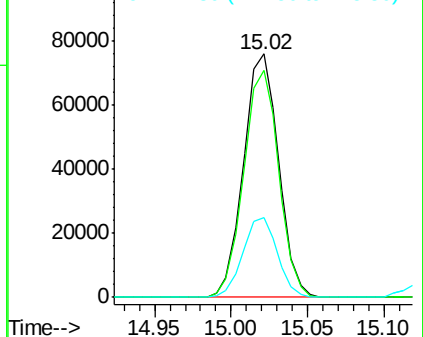
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.1	138.3
145	32.3	15.6	46.8

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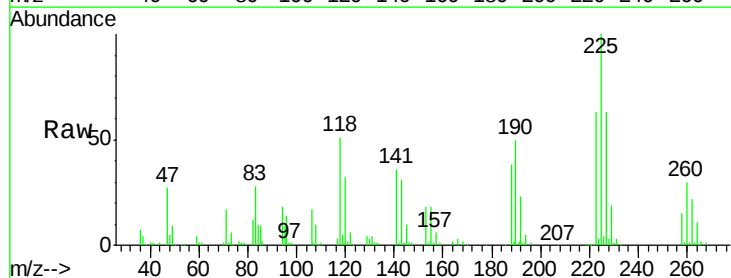


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

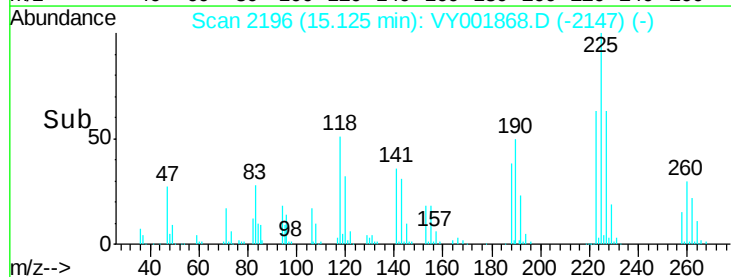
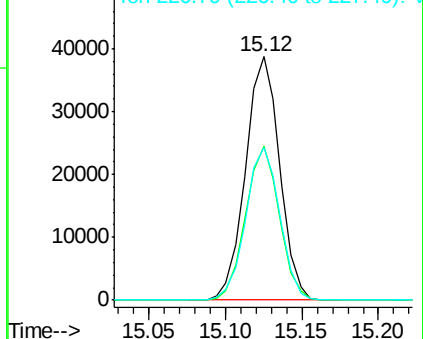


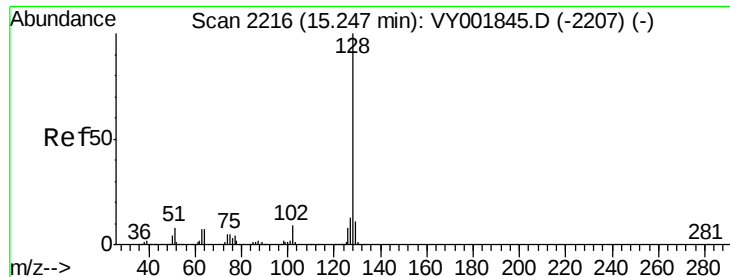
#94
Hexachlorobutadiene
Concen: 51.490 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.5	94.5
227	62.3	31.9	95.5



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





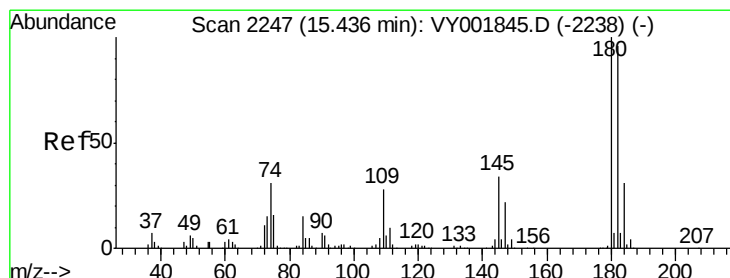
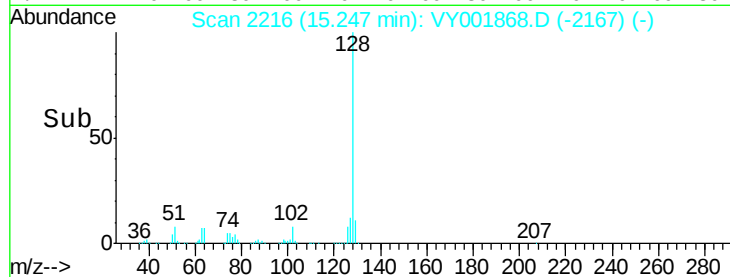
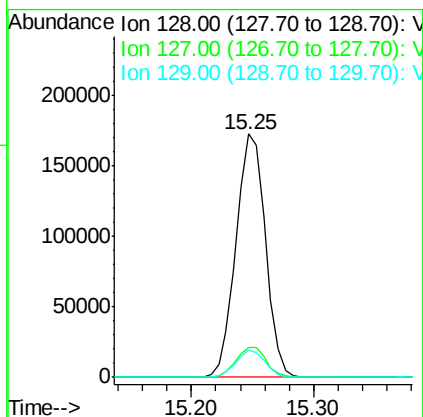
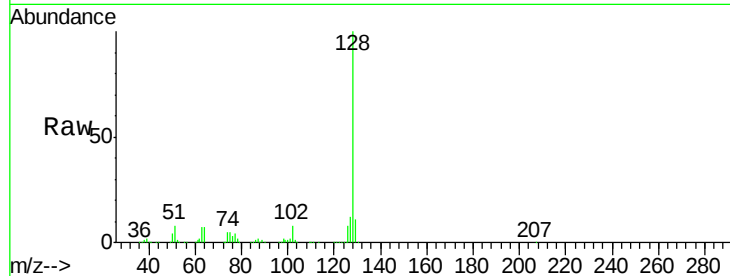
#95
Naphthalene
Concen: 50.651 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	11.0	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 50.331 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	34.5	16.8	50.3

