

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
 Data File : VY002002.D
 Acq On : 18 Mar 2020 10:10
 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
 3/19/2020 11:59:32 AM

Quant Time: Mar 19 03:57:35 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	158796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	287492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	255573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	117312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	83444	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.74	113	79501	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.19	98	333285	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.49	95	115590	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	65347	44.581	ug/l	98
3) Chloromethane	2.13	50	90683	45.887	ug/l	97
4) Vinyl Chloride	2.27	62	97091	48.300	ug/l	98
5) Bromomethane	2.67	94	64822	55.902	ug/l	97
6) Chloroethane	2.82	64	62426	49.437	ug/l	99
7) Trichlorofluoromethane	3.15	101	135886	49.845	ug/l	95
8) Diethyl Ether	3.55	74	54708	50.916	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	90380	51.544	ug/l	99
10) Methyl Iodide	4.12	142	102654	50.624	ug/l	100
11) Tert butyl alcohol	4.99	59	42484	239.905	ug/l	99
12) 1,1-Dichloroethene	3.90	96	89556	50.725	ug/l	96
13) Acrolein	3.76	56	50272	211.029	ug/l	99
14) Allyl chloride	4.51	41	159823	51.063	ug/l	99
15) Acrylonitrile	5.20	53	142512	248.210	ug/l	99
16) Acetone	3.97	43	145987	295.664	ug/l	95
17) Carbon Disulfide	4.22	76	276716	46.624	ug/l	99
18) Methyl Acetate	4.50	43	60617	47.780	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	245492	51.310	ug/l	96
20) Methylene Chloride	4.75	84	103011	48.678	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	101134	50.468	ug/l	96
22) Diisopropyl ether	6.15	45	333212	51.936	ug/l	98
23) Vinyl Acetate	6.10	43	1075270	255.651	ug/l	97
24) 1,1-Dichloroethane	6.05	63	180126	51.844	ug/l	99
25) 2-Butanone	7.02	43	197935	263.606	ug/l	98
26) 2,2-Dichloropropane	7.01	77	152768	53.572	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	111761	51.271	ug/l	98
28) Bromochloromethane	7.36	49	80612	51.475	ug/l	100
29) Tetrahydrofuran	7.37	42	118146	236.942	ug/l	99
30) Chloroform	7.53	83	171987	52.688	ug/l	97
31) Cyclohexane	7.81	56	180353	48.413	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	147005	53.432	ug/l	98
36) 1,1-Dichloropropene	7.94	75	144342	52.174	ug/l	100
37) Ethyl Acetate	7.10	43	82146	51.088	ug/l	99
38) Carbon Tetrachloride	7.92	117	124674	52.753	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	188243	51.302	ug/l	96
40) Benzene	8.19	78	419686	51.181	ug/l	100
41) Methacrylonitrile	7.35	41	38834m	53.666	ug/l	
42) 1,2-Dichloroethane	8.26	62	108662	51.425	ug/l	100
43) Isopropyl Acetate	8.29	43	152482	50.089	ug/l	99
44) Trichloroethene	8.96	130	103014	51.583	ug/l	98
45) 1,2-Dichloropropane	9.24	63	107990	52.388	ug/l	99
46) Dibromomethane	9.32	93	54258	51.078	ug/l	99
47) Bromodichloromethane	9.52	83	131899	53.378	ug/l	98
48) Methyl methacrylate	9.31	41	67938	50.294	ug/l	96
49) 1,4-Dioxane	9.32	88	13729	943.209	ug/l	92
51) 4-Methyl-2-Pentanone	10.09	43	404600	258.035	ug/l	99
52) Toluene	10.26	92	258934	51.981	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	144249	53.581	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	168532	52.586	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	80182	51.577	ug/l	96
56) Ethyl methacrylate	10.52	69	117219	51.442	ug/l	97
57) 1,3-Dichloropropane	10.80	76	142412	51.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	191895	239.557	ug/l	99
59) 2-Hexanone	10.85	43	293338	262.104	ug/l	99
60) Dibromochloromethane	11.00	129	88271	53.885	ug/l	100
61) 1,2-Dibromoethane	11.10	107	75825	51.491	ug/l	99
64) Tetrachloroethene	10.74	164	83800	52.285	ug/l	97
65) Chlorobenzene	11.53	112	266053	52.245	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	89823	53.788	ug/l	100
67) Ethyl Benzene	11.61	91	502346	52.894	ug/l	99
68) m/p-Xylenes	11.72	106	372524	106.095	ug/l	100
69) o-Xylene	12.04	106	174852	52.834	ug/l	99
70) Styrene	12.06	104	305261	53.855	ug/l	99
71) Bromoform	12.22	173	48929	54.027	ug/l #	100
73) Isopropylbenzene	12.34	105	476239	53.180	ug/l	100
74) N-amyl acetate	12.16	43	136645	49.647	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	99667	51.609	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	67150m	48.240	ug/l	
77) Bromobenzene	12.62	156	100098	52.757	ug/l	96
78) n-propylbenzene	12.68	91	593884	53.754	ug/l	100
79) 2-Chlorotoluene	12.77	91	320596	52.523	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	390589	52.980	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	36010	52.255	ug/l	98
82) 4-Chlorotoluene	12.86	91	335280	52.755	ug/l	98
83) tert-Butylbenzene	13.08	119	337389	55.099	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	385758	52.725	ug/l	99
85) sec-Butylbenzene	13.27	105	489999	54.289	ug/l	100
86) p-Isopropyltoluene	13.38	119	419290	53.853	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	195901	52.689	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	195596	51.856	ug/l	99
89) n-Butylbenzene	13.70	91	429405	53.159	ug/l	100
90) Hexachloroethane	13.97	117	79930	54.418	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	178381	52.810	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14384	47.732	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	112923	51.551	ug/l	99
94) Hexachlorobutadiene	15.12	225	55890	52.333	ug/l	99
95) Naphthalene	15.25	128	258091	49.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	99367	51.493	ug/l	99

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

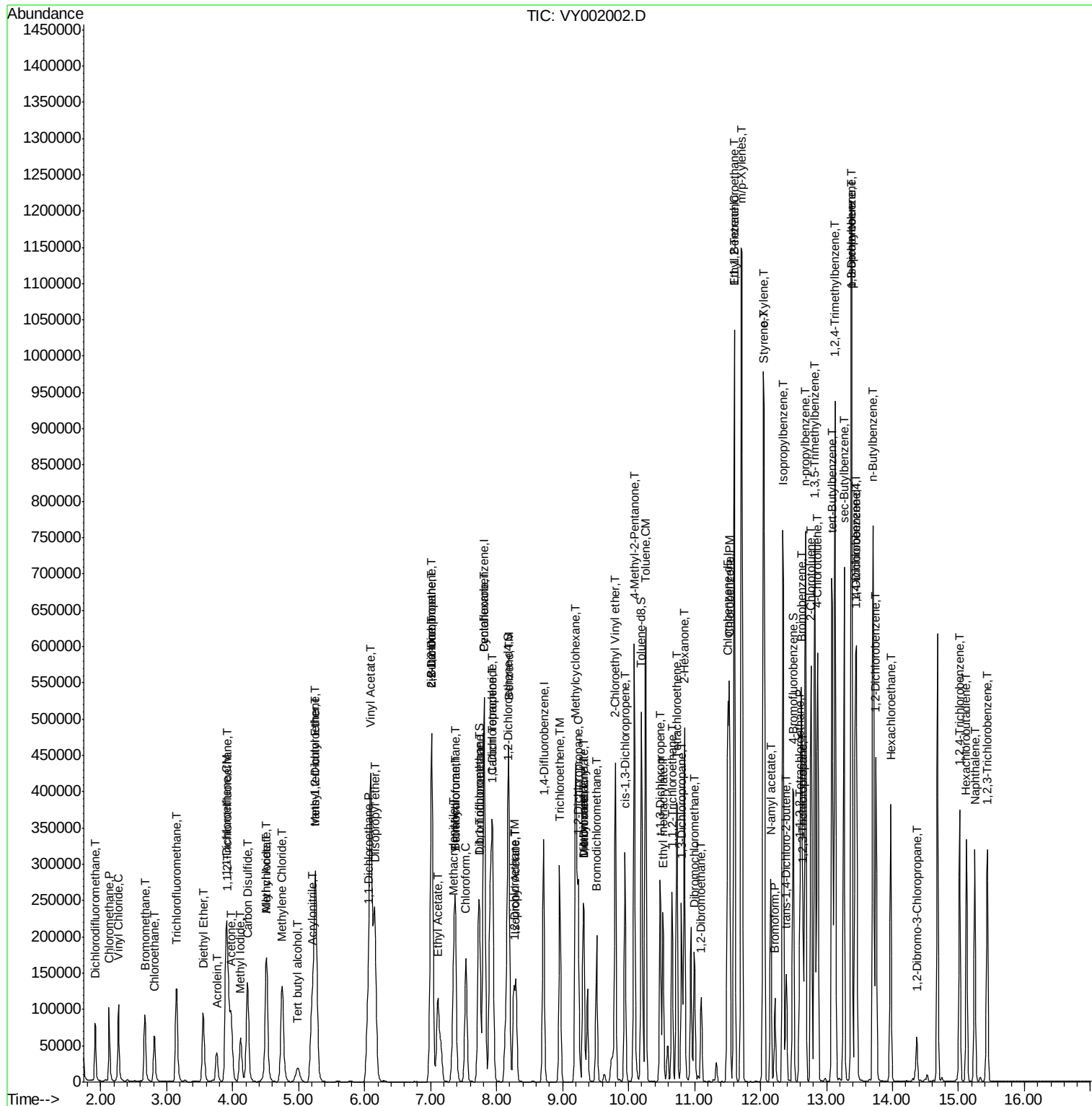
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
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Operator : SY/MD
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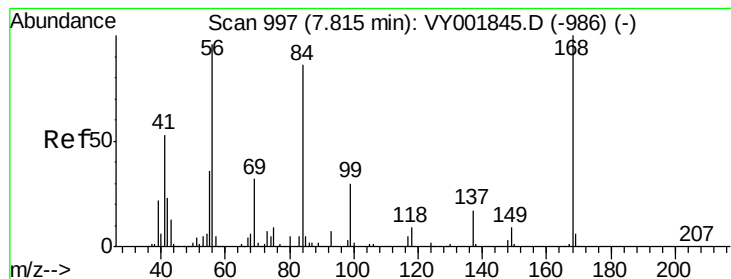
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 158796

Ion Ratio Lower Upper

168 100

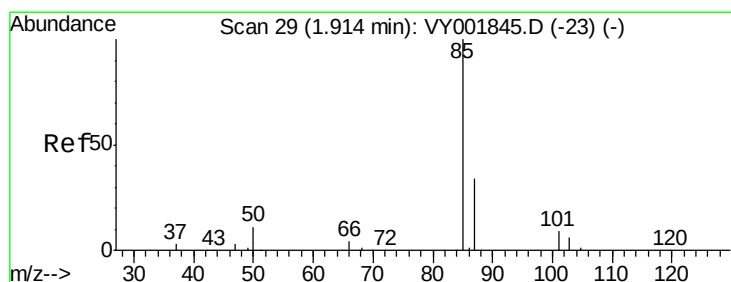
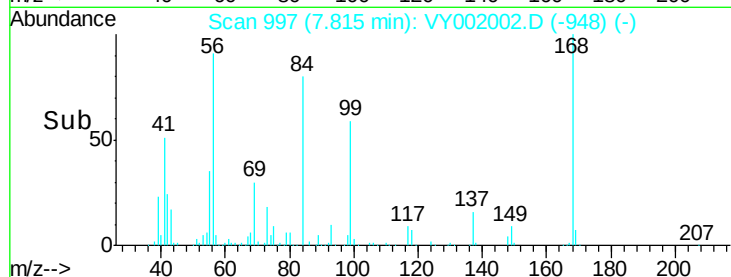
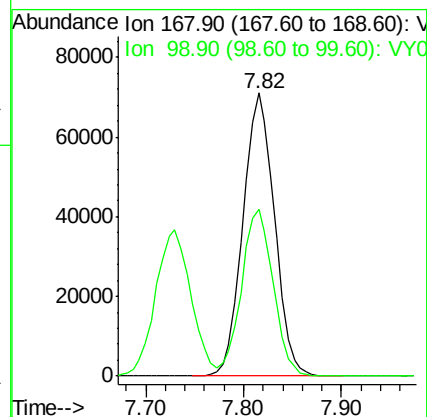
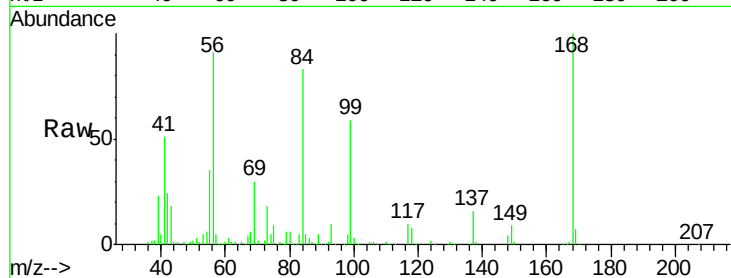
99 58.8 46.7 70.1

Manual Integrations

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3/19/2020 11:59:32 AM



#2

Dichlorodifluoromethane

Concen: 44.581 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY002002.D

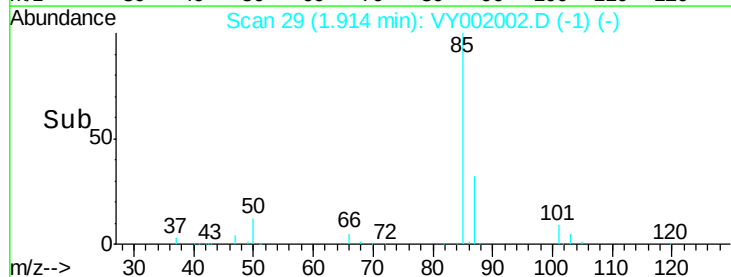
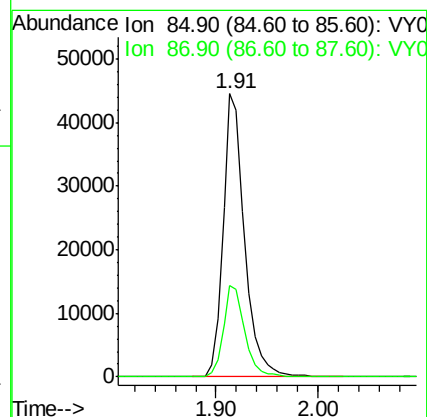
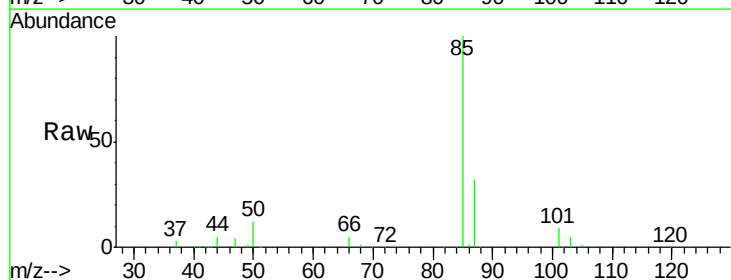
Acq: 18 Mar 2020 10:10

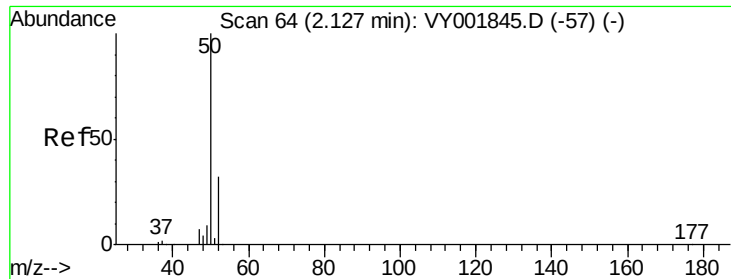
Tgt Ion: 85 Resp: 65347

Ion Ratio Lower Upper

85 100

87 32.4 16.8 50.4





#3

Chloromethane

Concen: 45.887 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 90683

Ion Ratio Lower Upper

50 100

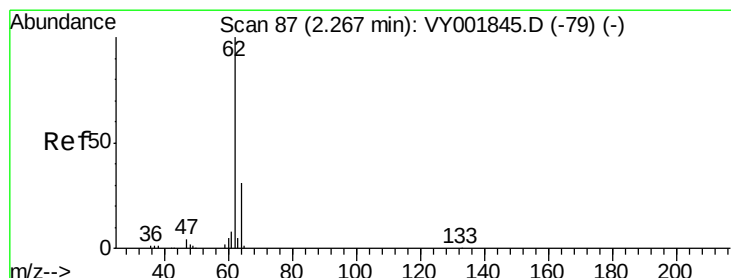
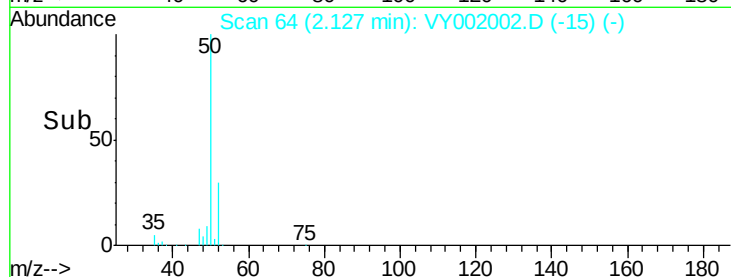
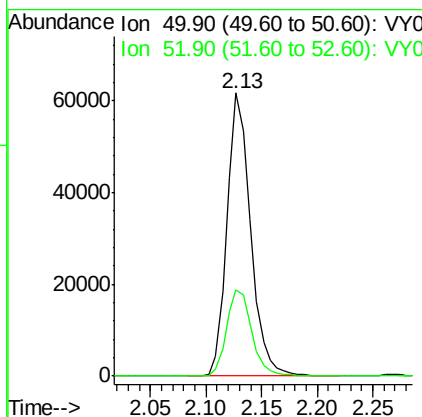
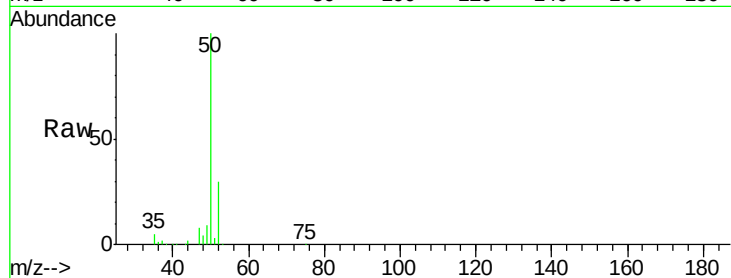
52 30.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.300 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY002002.D

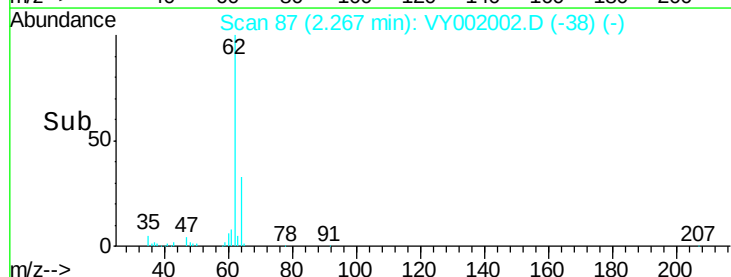
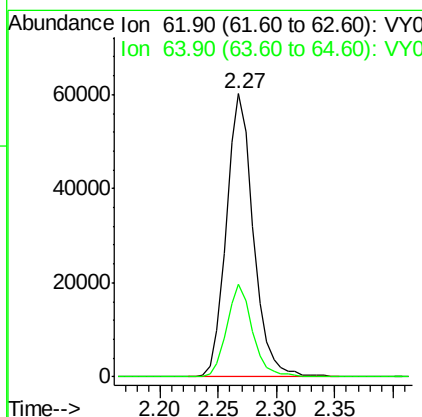
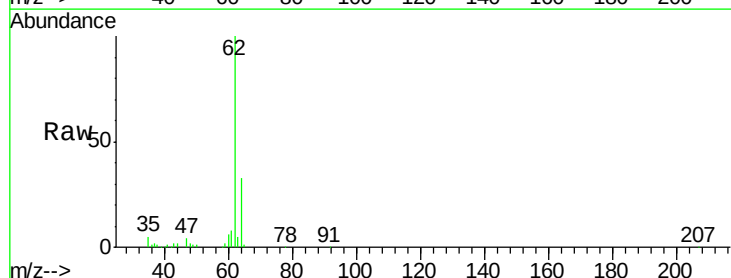
Acq: 18 Mar 2020 10:10

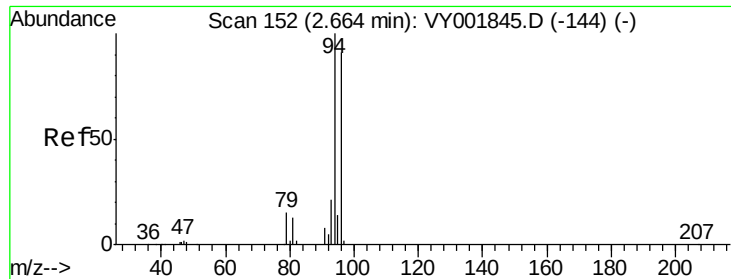
Tgt Ion: 62 Resp: 97091

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 55.902 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 64822

Ion Ratio Lower Upper

94 100

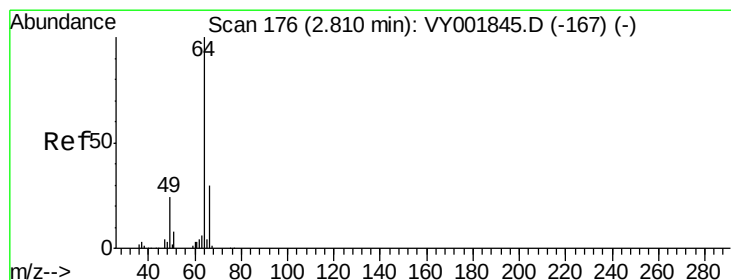
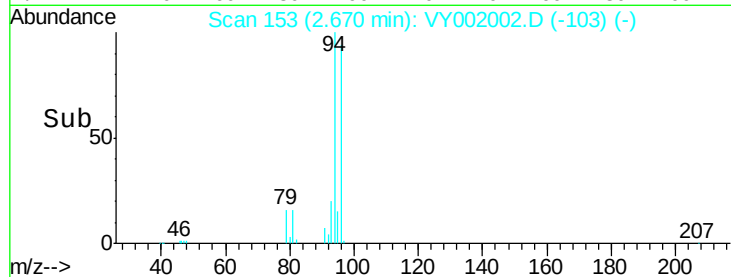
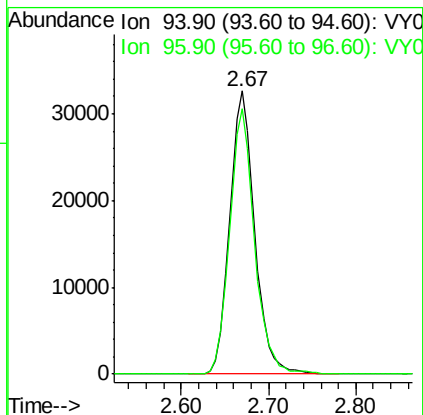
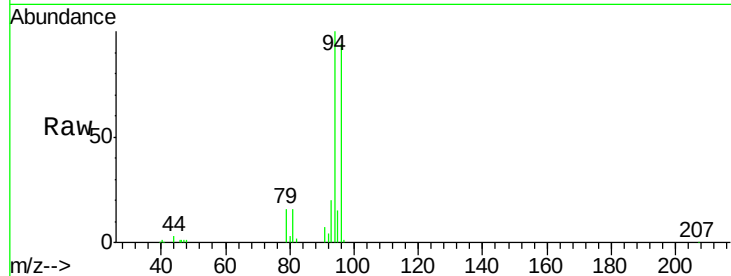
96 93.9 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 49.437 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002002.D

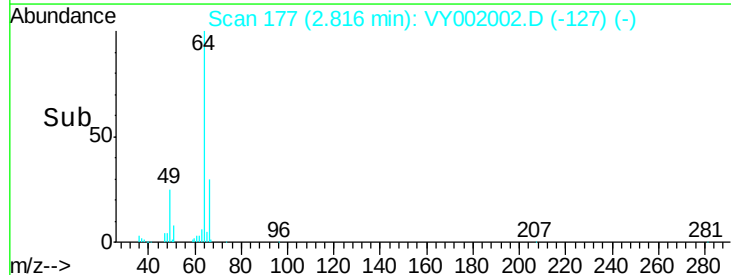
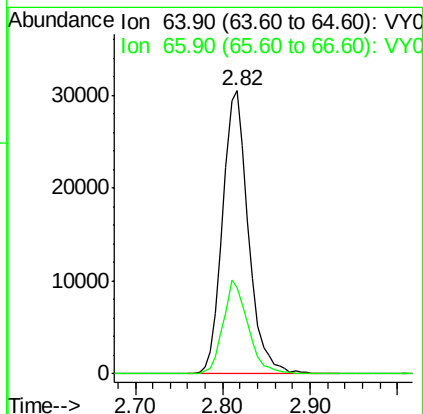
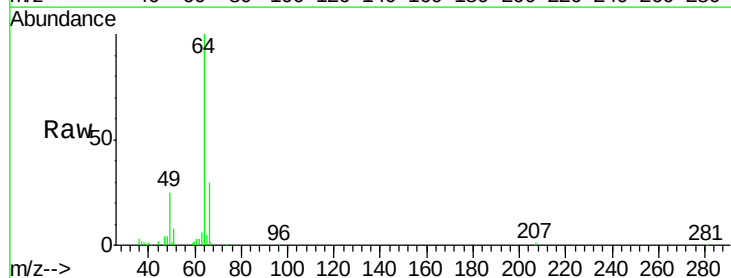
Acq: 18 Mar 2020 10:10

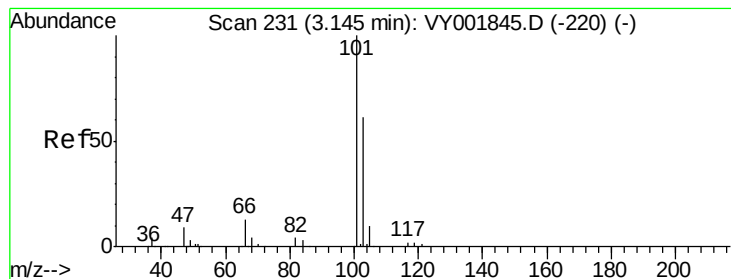
Tgt Ion: 64 Resp: 62426

Ion Ratio Lower Upper

64 100

66 30.4 23.8 35.8





#7

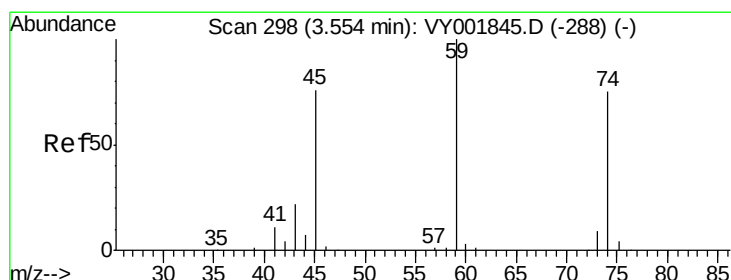
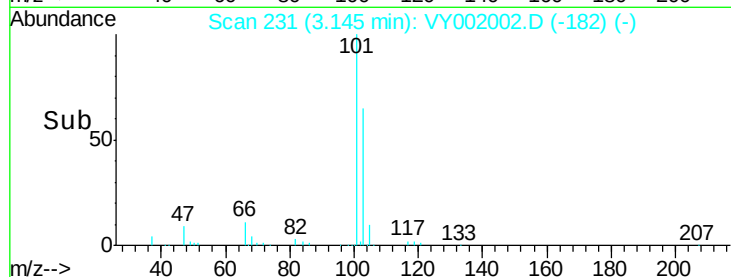
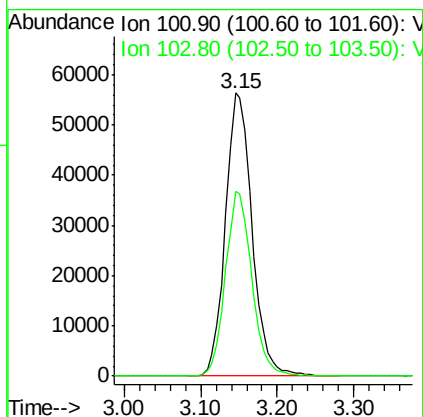
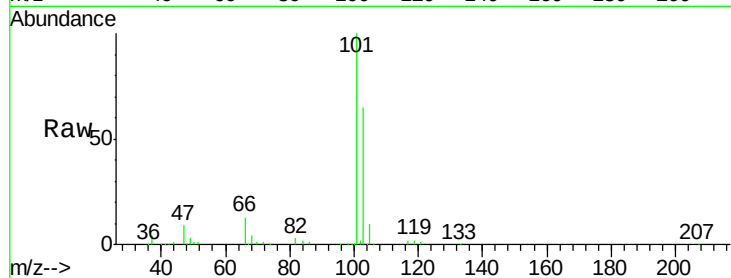
Trichlorofluoromethane
Concen: 49.845 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	49.1	73.7

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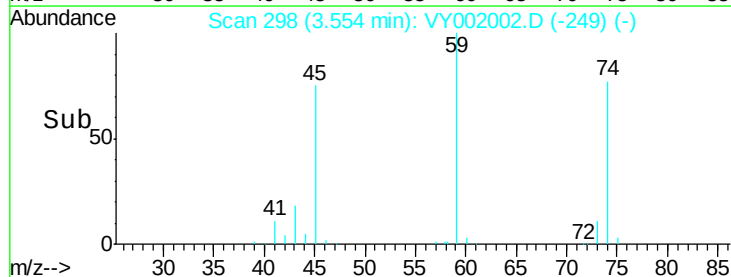
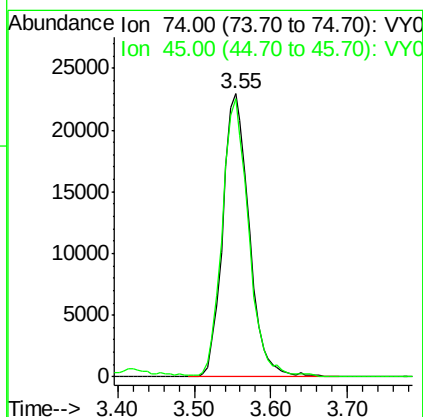
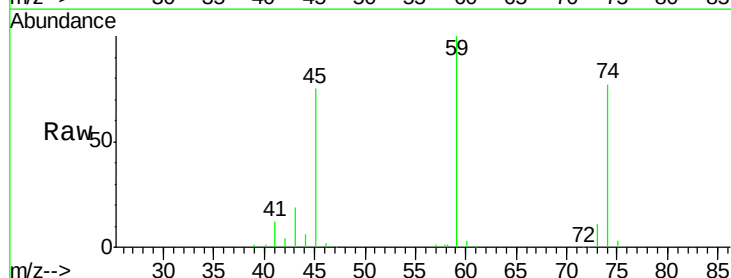
MMDadoda
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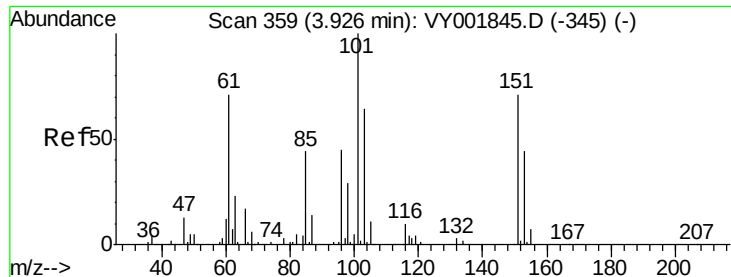


#8

Diethyl Ether
Concen: 50.916 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.00 min
Lab File: VY002002.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	50.5	151.5





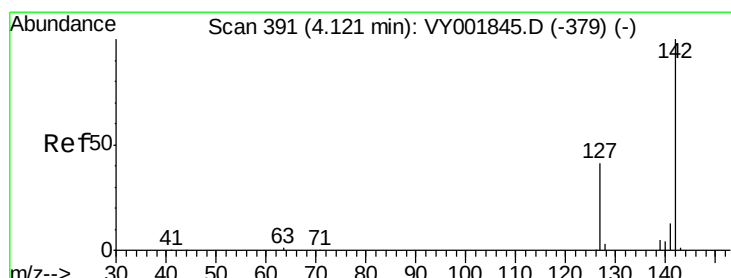
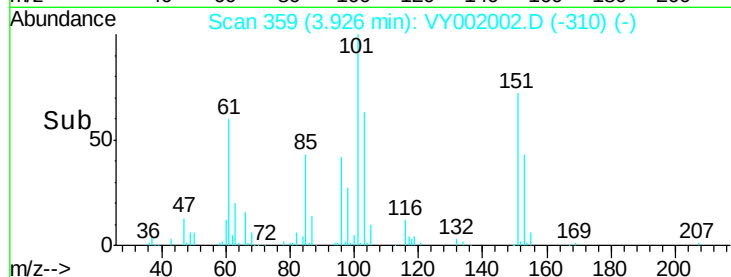
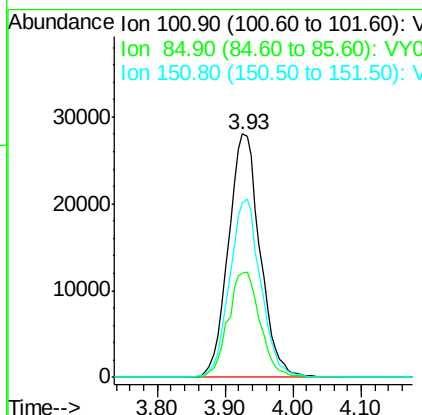
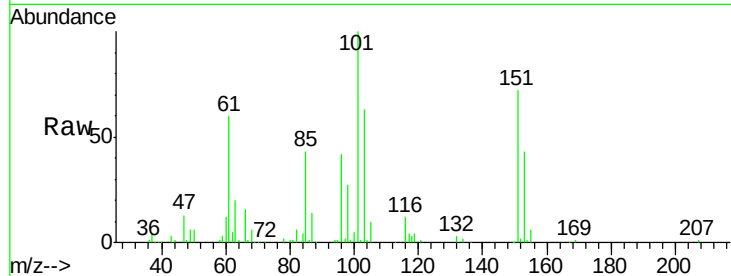
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.544 ug/l
RT: 3.93 min Scan# 359
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.3	52.9
151	72.2	57.0	85.4

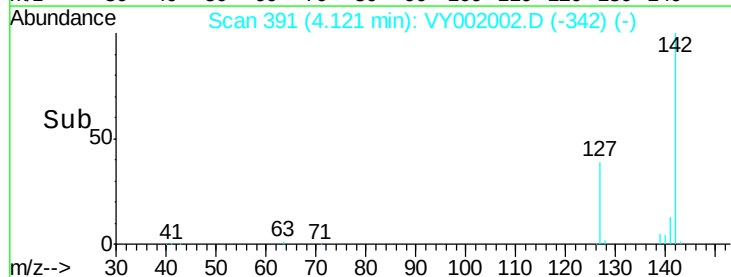
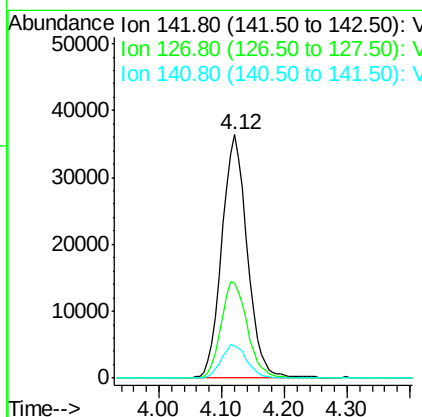
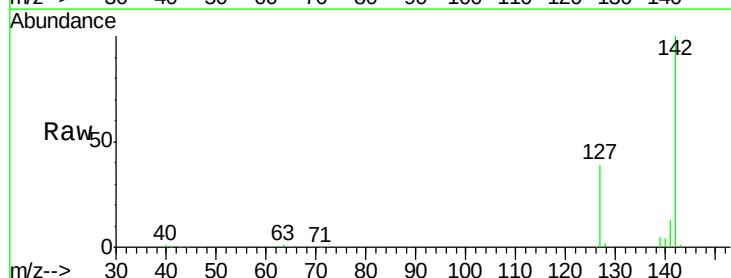
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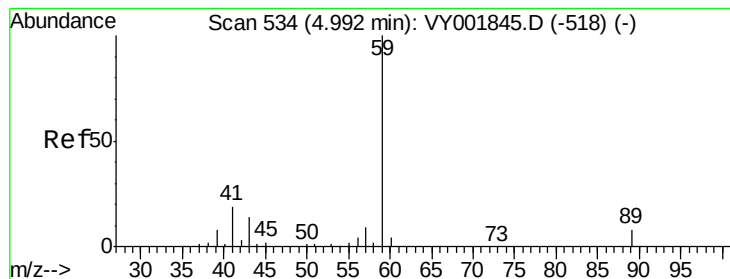
MMDadoda
3/19/2020 11:59:32 AM



#10
Methyl Iodide
Concen: 50.624 ug/l
RT: 4.12 min Scan# 391
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.7	32.7	49.1
141	13.9	11.0	16.6





#11

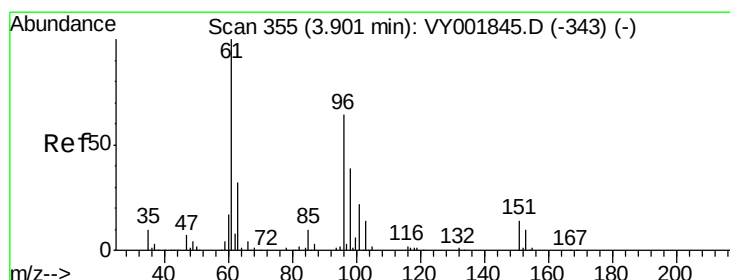
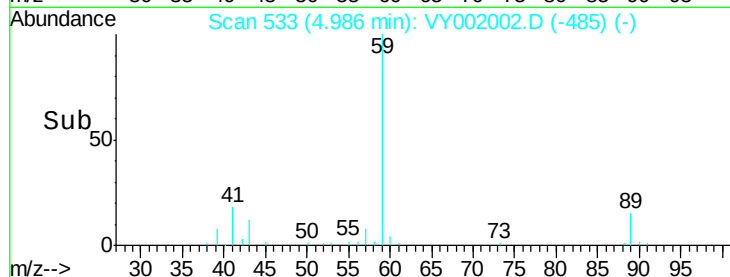
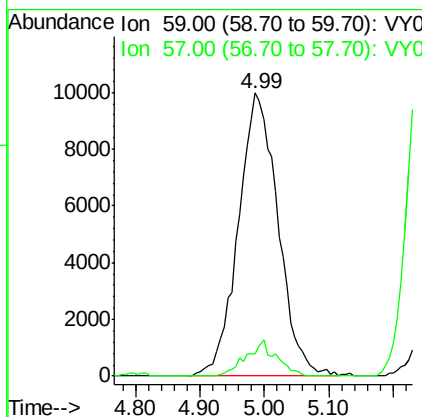
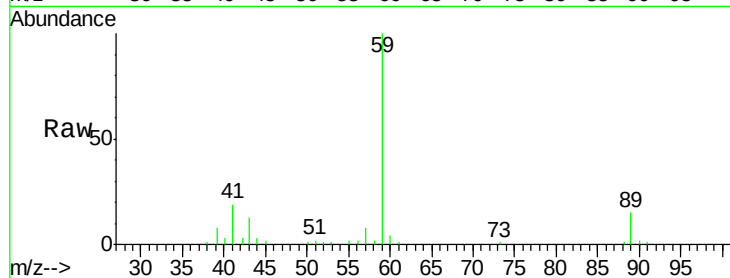
Tert butyl alcohol
 Concen: 239.905 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 42484
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.4 11.2

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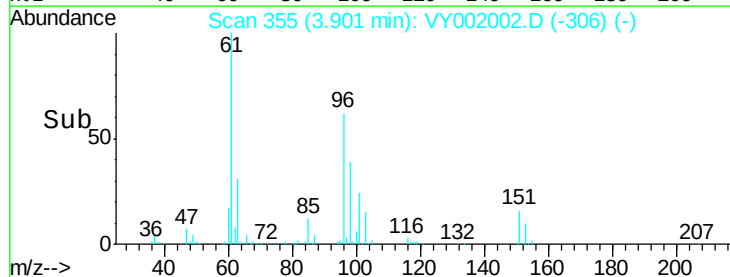
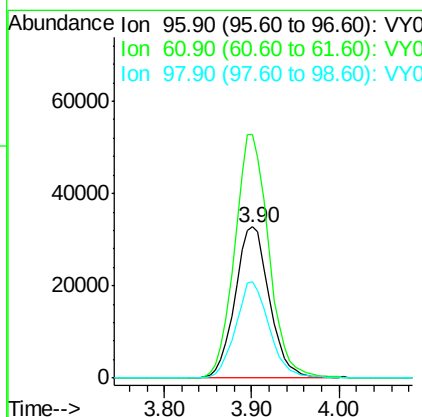
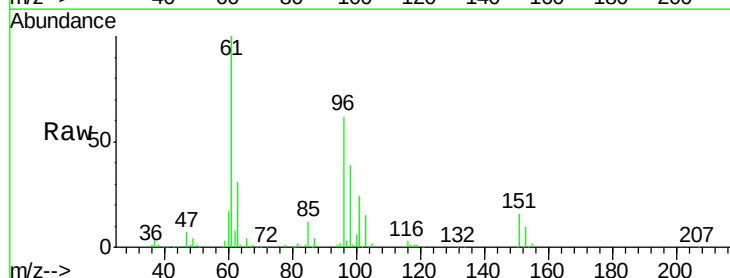
MMDadoda
 3/19/2020 11:59:32 AM

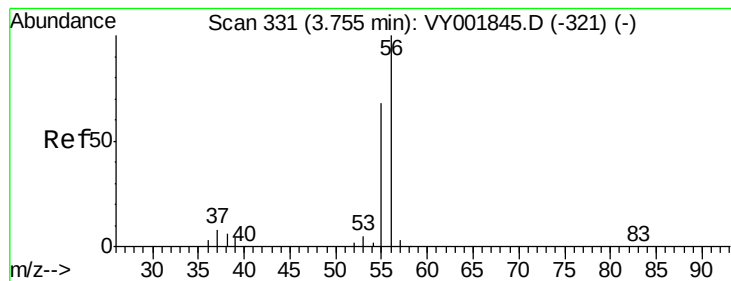


#12

1,1-Dichloroethene
 Concen: 50.725 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion: 96 Resp: 89556
 Ion Ratio Lower Upper
 96 100
 61 161.3 124.8 187.2
 98 63.5 49.2 73.8





#13

Acrolein

Concen: 211.029 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 50272

Ion Ratio Lower Upper

56 100

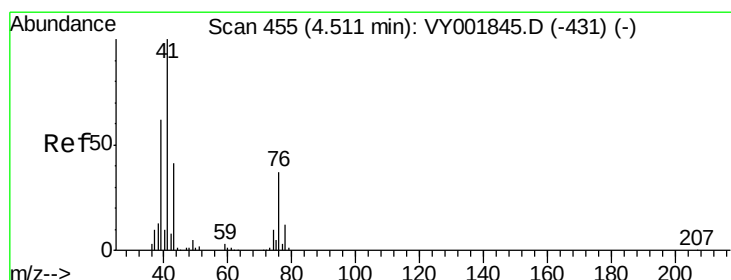
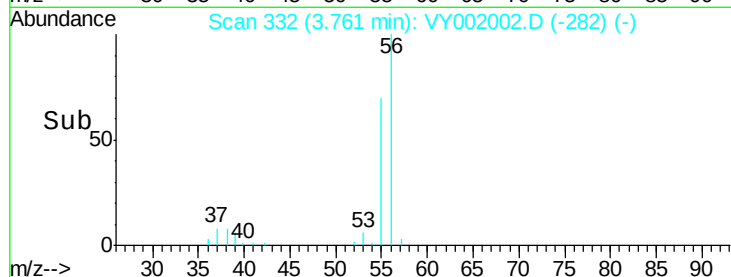
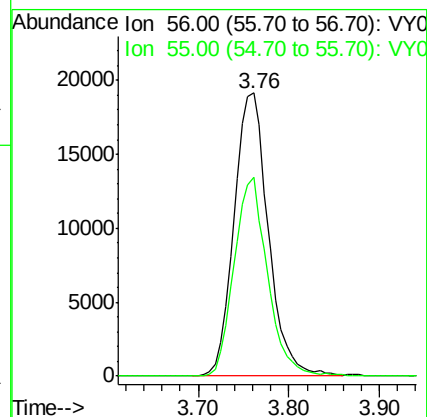
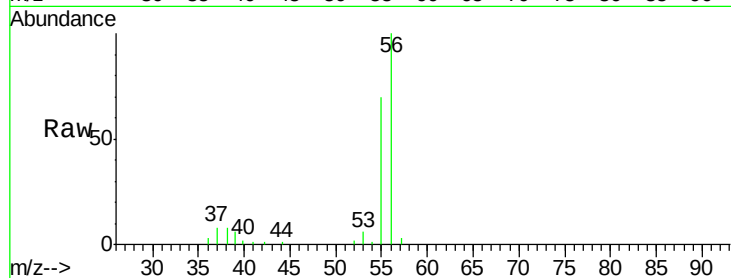
55 68.3 54.0 81.0

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#14

Allyl chloride

Concen: 51.063 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

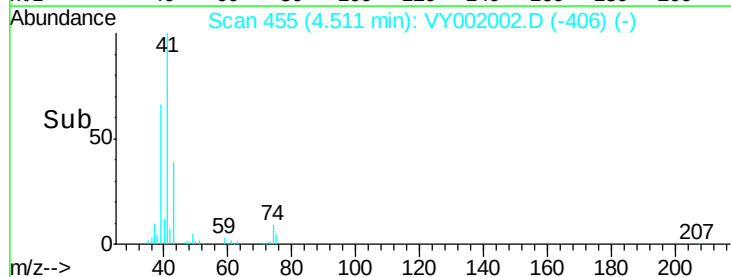
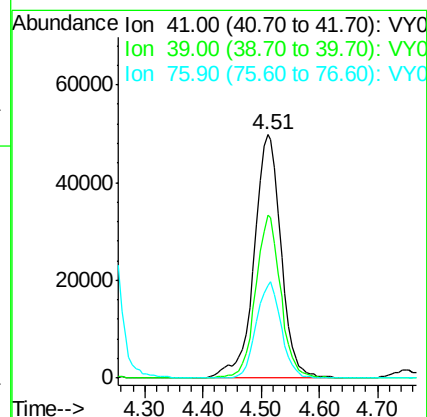
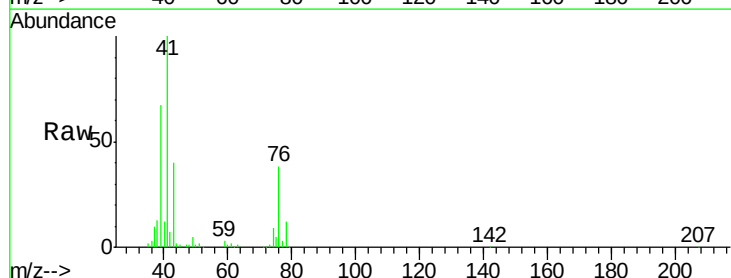
Tgt Ion: 41 Resp: 159823

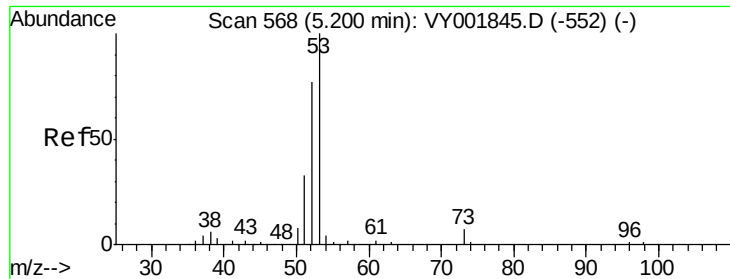
Ion Ratio Lower Upper

41 100

39 62.3 49.0 73.6

76 36.5 28.9 43.3





#15

Acrylonitrile

Concen: 248.210 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

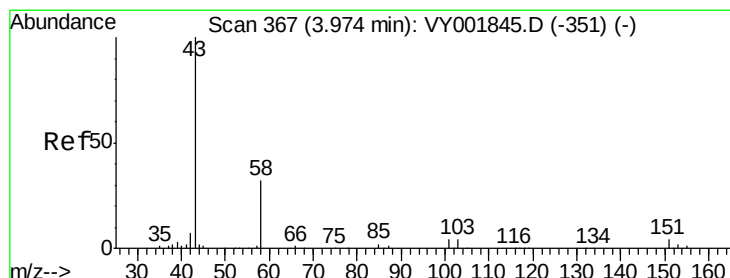
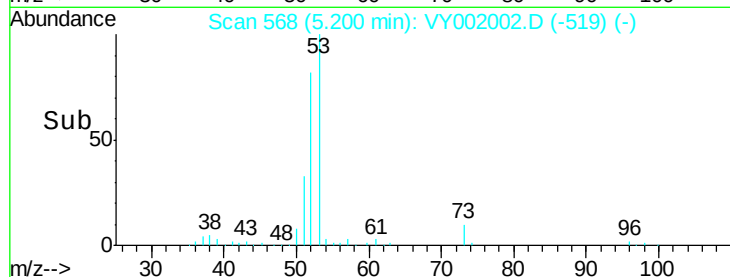
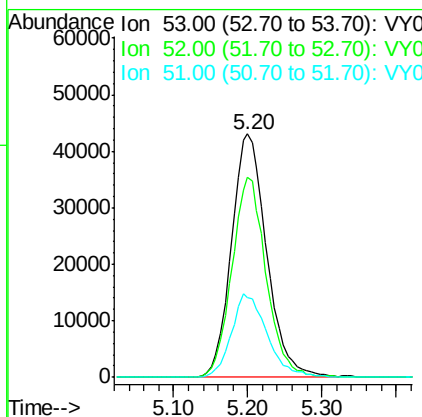
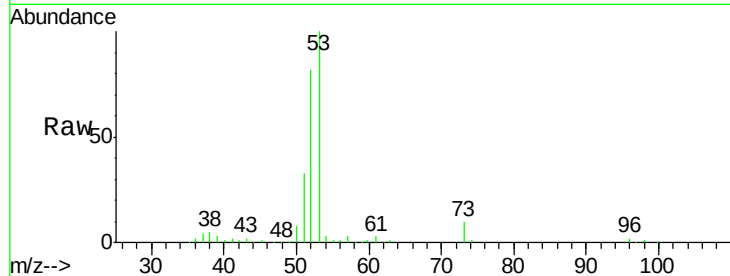
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	142512
Ion	Ratio	Lower	Upper
53	100		
52	80.1	65.1	97.7
51	34.9	27.5	41.3

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#16

Acetone

Concen: 295.664 ug/l

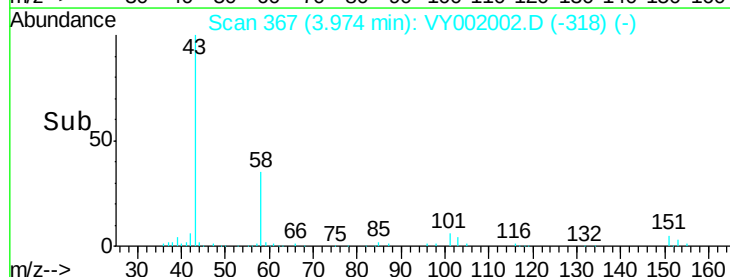
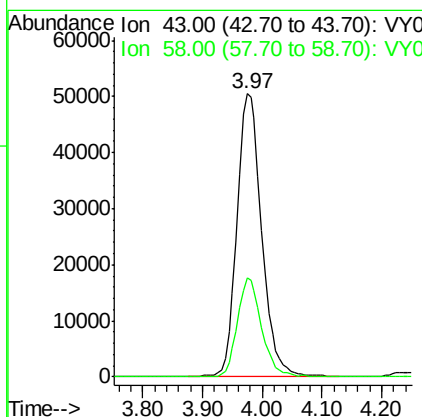
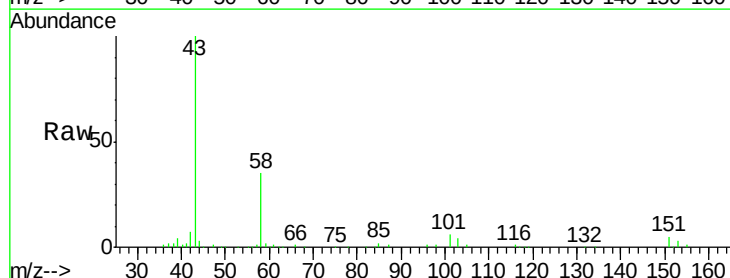
RT: 3.97 min Scan# 367

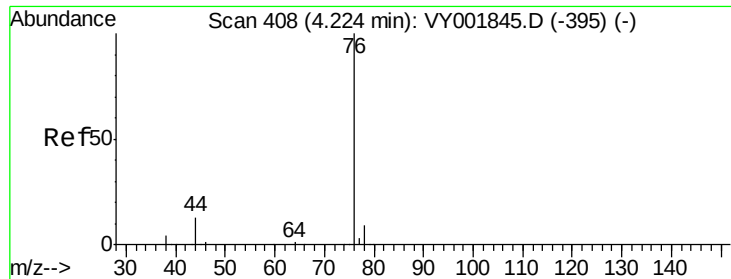
Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Tgt Ion:	43	Resp:	145987
Ion	Ratio	Lower	Upper
43	100		
58	35.2	25.9	38.9





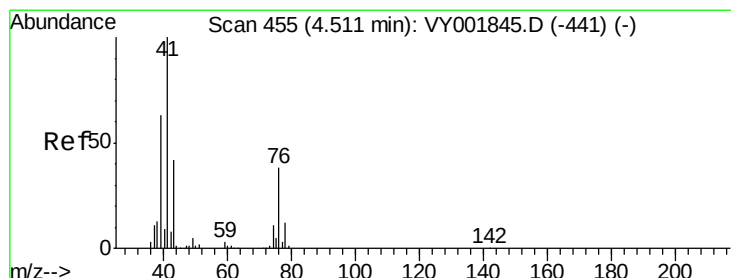
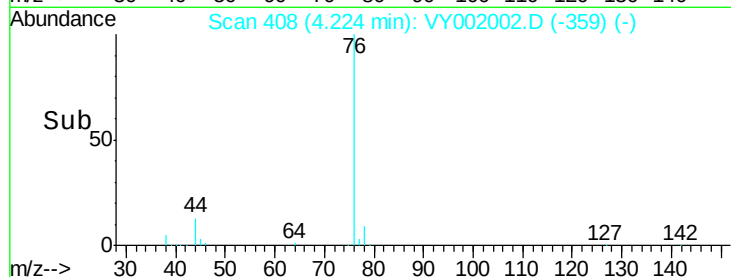
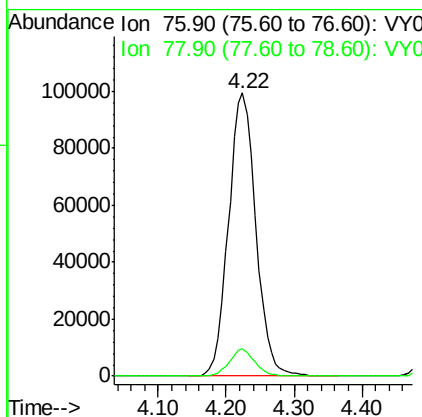
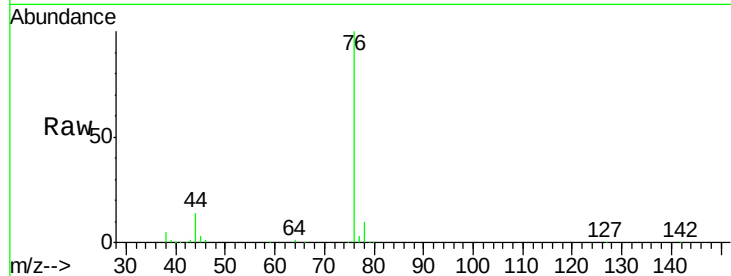
#17
Carbon Disulfide
Concen: 46.624 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.2

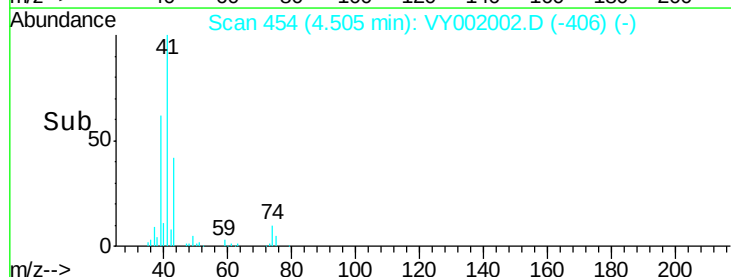
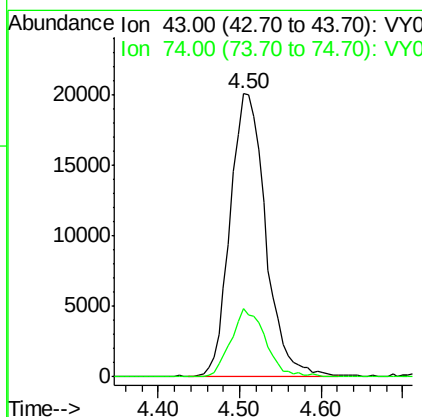
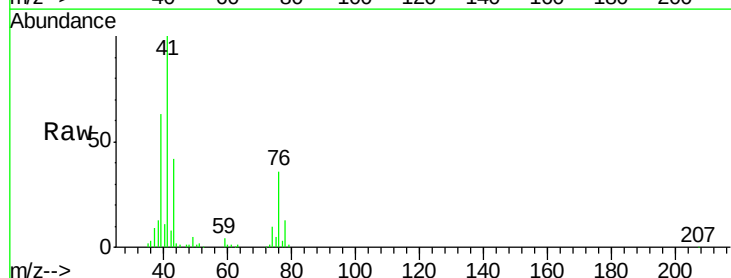
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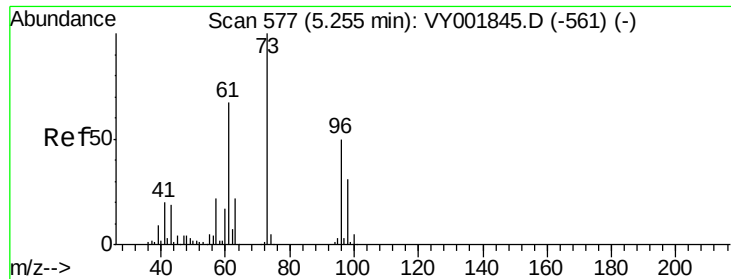
MMDadoda
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#18
Methyl Acetate
Concen: 47.780 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.0	28.6





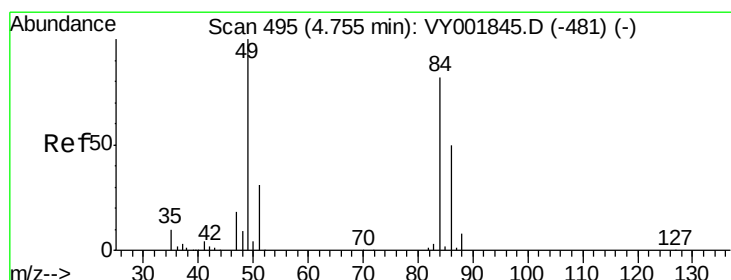
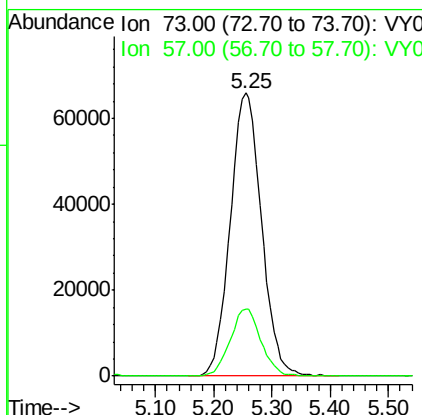
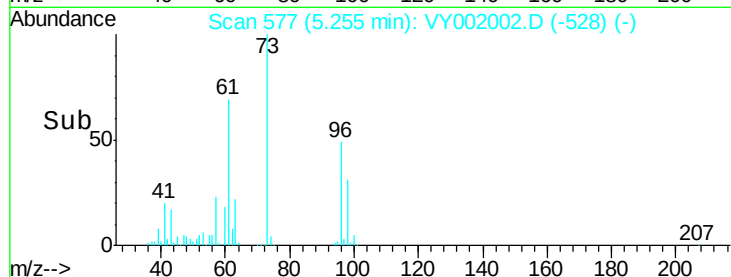
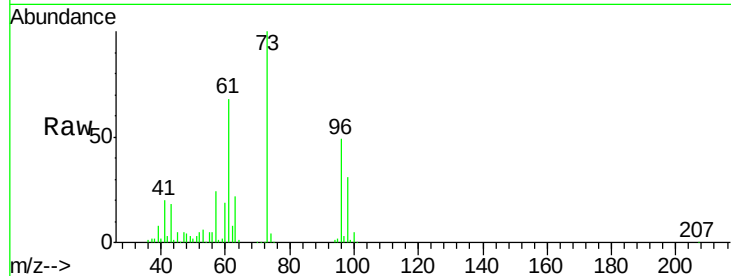
#19
Methyl tert-butyl Ether
Concen: 51.310 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 245492
Ion Ratio Lower Upper
73 100
57 23.7 17.4 26.2

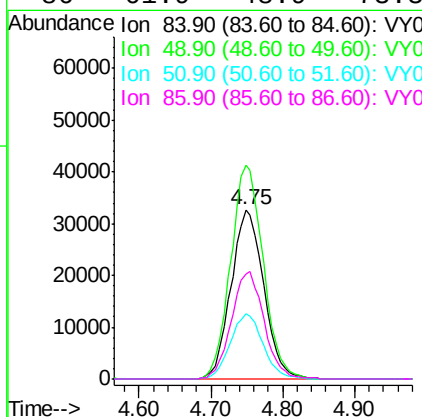
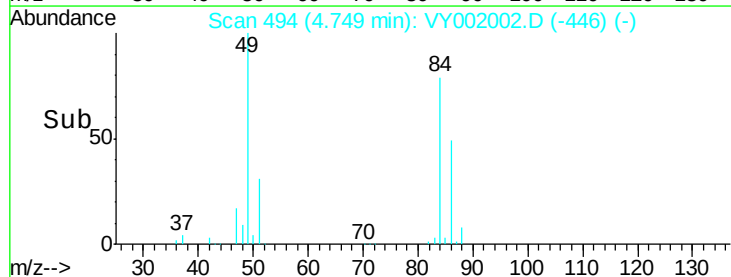
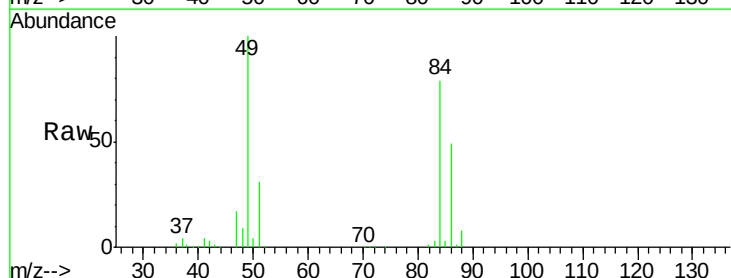
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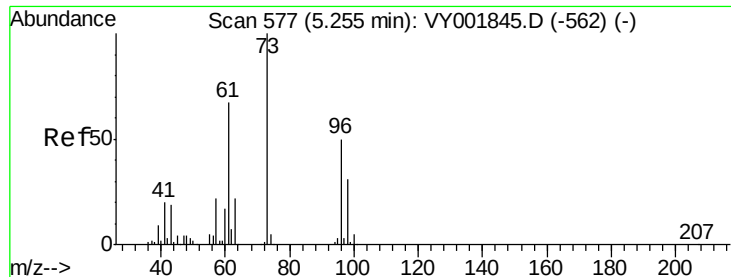
MMDadoda
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#20
Methylene Chloride
Concen: 48.678 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion: 84 Resp: 103011
Ion Ratio Lower Upper
84 100
49 126.3 98.2 147.2
51 39.0 30.2 45.2
86 61.9 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 50.468 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

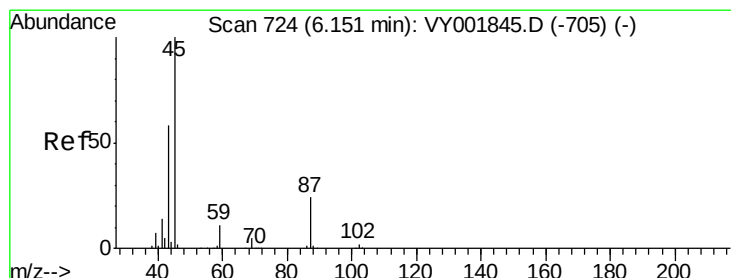
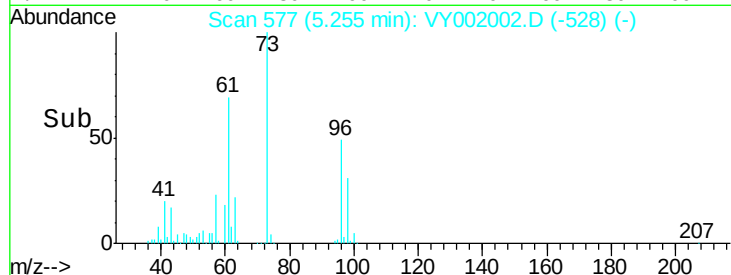
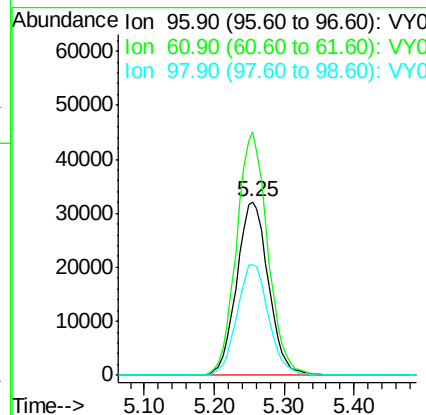
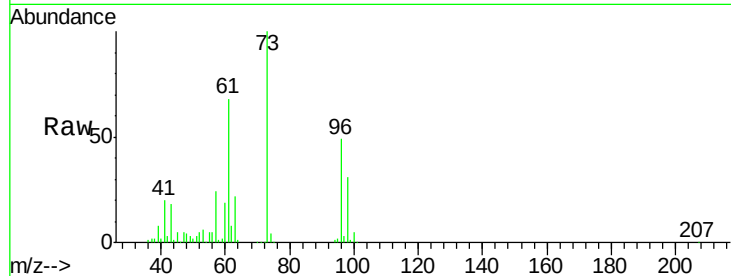
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	101134
Ion	Ratio	Lower	Upper
96	100		
61	140.5	107.7	161.5
98	63.7	49.3	73.9

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#22

Diisopropyl ether

Concen: 51.936 ug/l

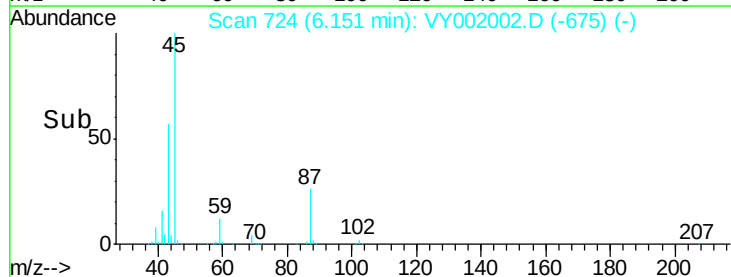
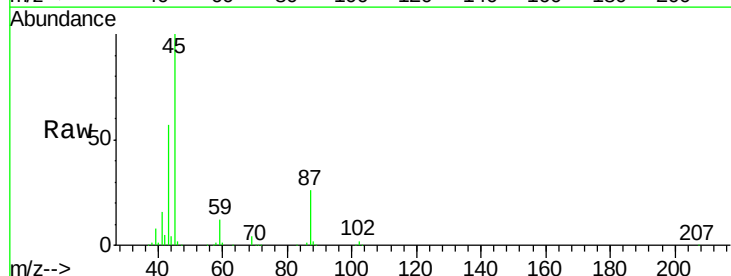
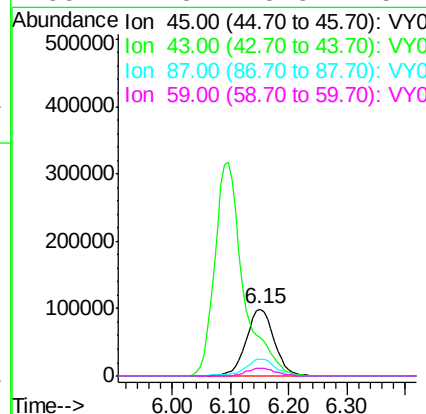
RT: 6.15 min Scan# 724

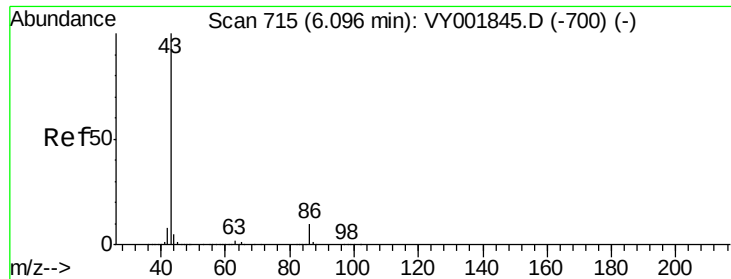
Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Tgt Ion:	45	Resp:	333212
Ion	Ratio	Lower	Upper
45	100		
43	57.1	47.2	70.8
87	25.6	19.8	29.8
59	11.8	8.8	13.2





#23

Vinyl Acetate

Concen: 255.651 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1075270

Ion Ratio Lower Upper

43 100

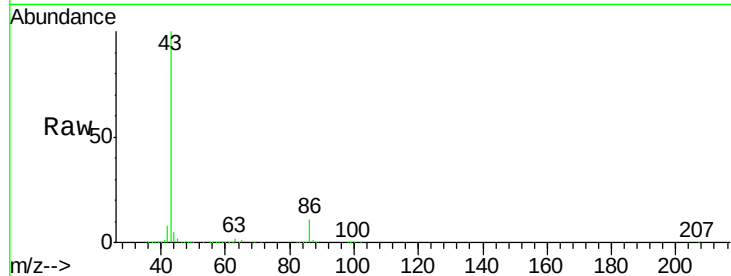
86 10.8 7.8 11.8

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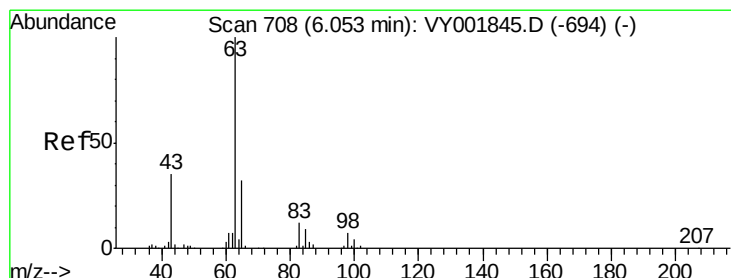
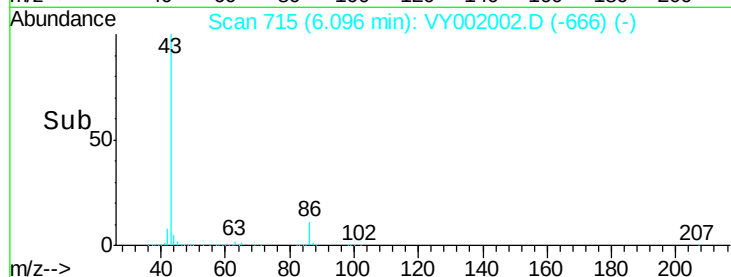
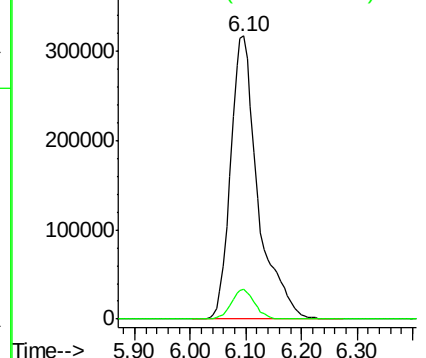
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.844 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

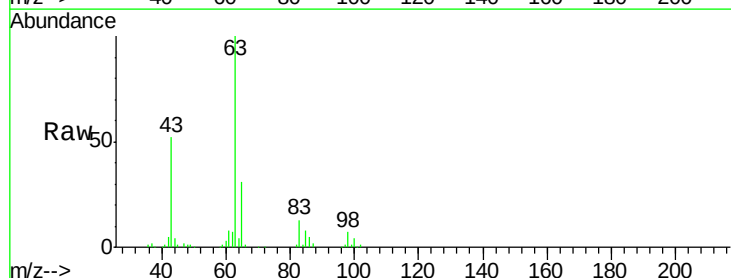
Tgt Ion: 63 Resp: 180126

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

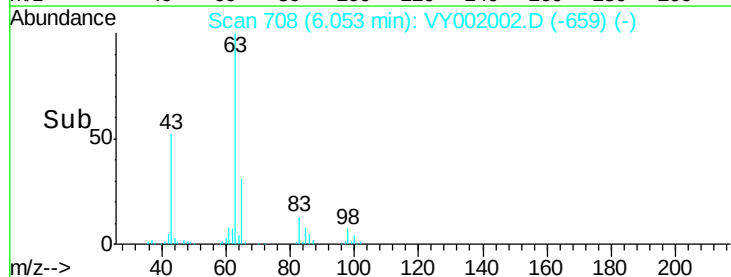
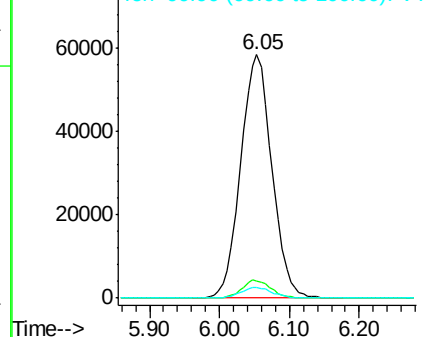
100 4.3 2.0 6.0

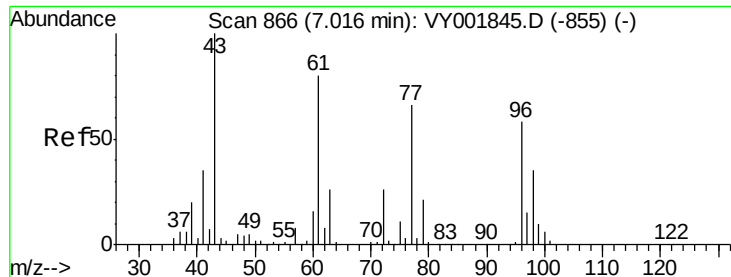


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 263.606 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 197935

Ion Ratio Lower Upper

43 100

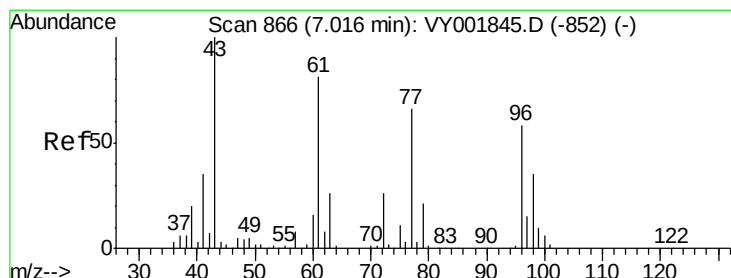
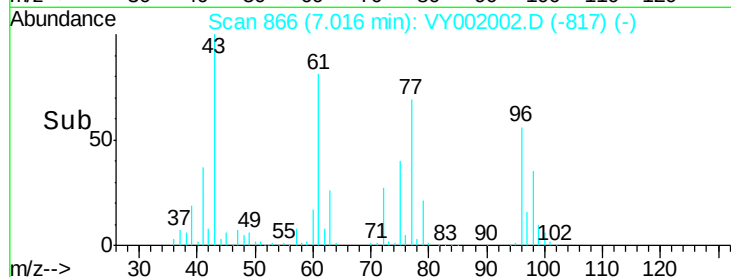
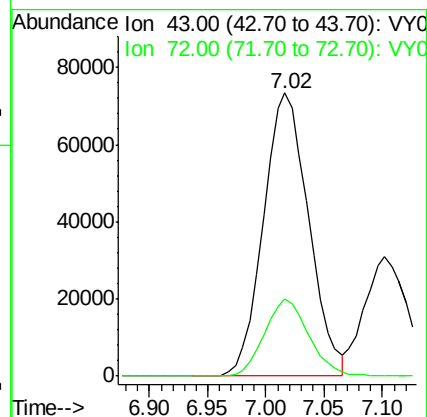
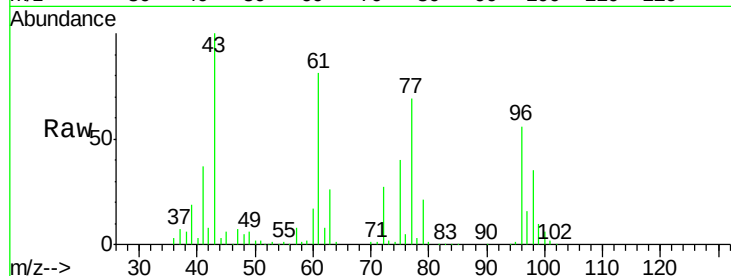
72 27.1 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 53.572 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002002.D

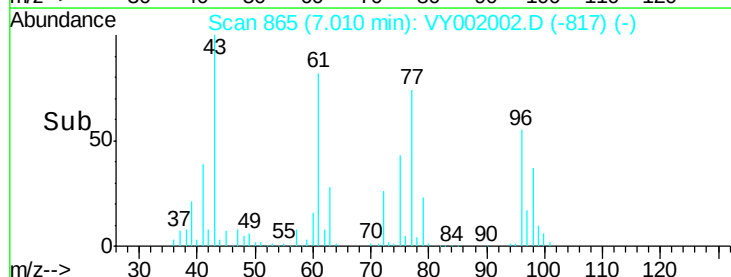
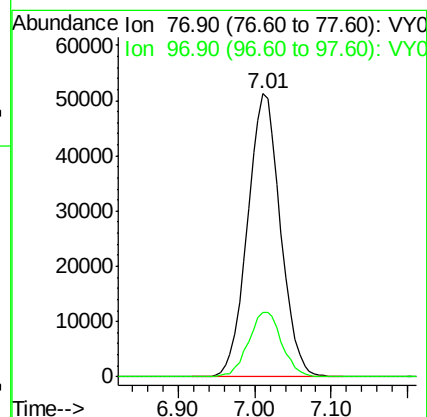
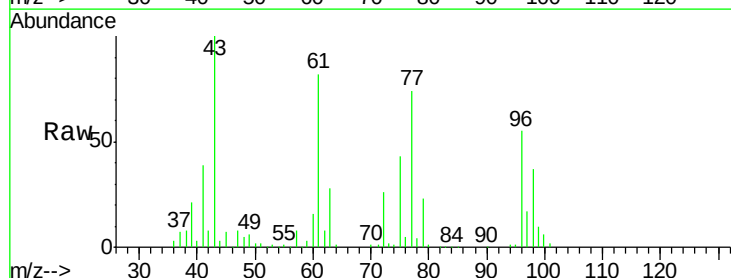
Acq: 18 Mar 2020 10:10

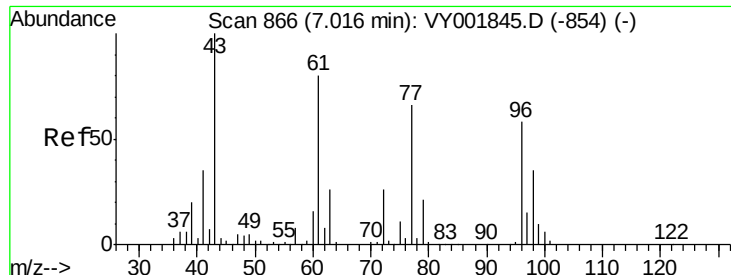
Tgt Ion: 77 Resp: 152768

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.7





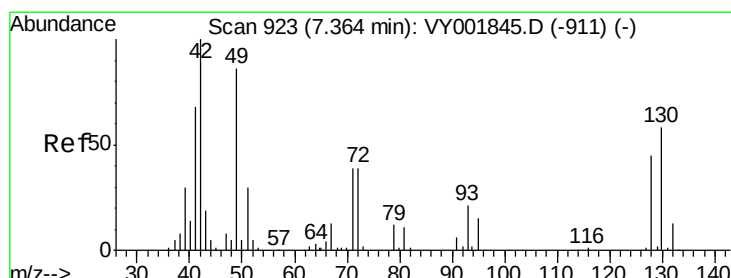
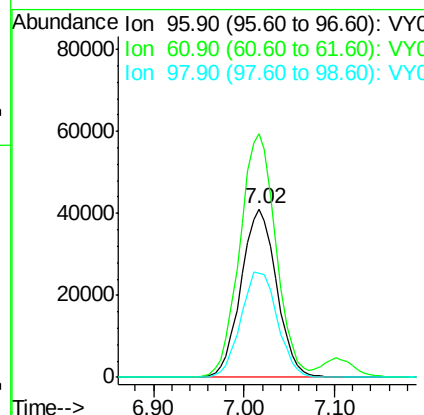
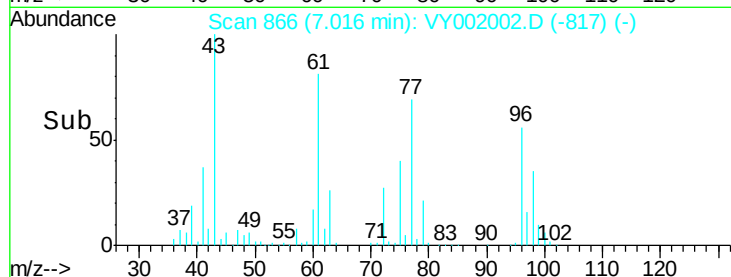
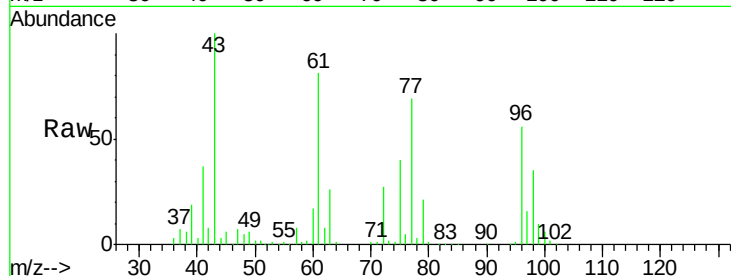
#27
 cis-1,2-Dichloroethene
 Concen: 51.271 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	111761		
61	146.8	0.0	288.2	
98	64.3	0.0	129.0	

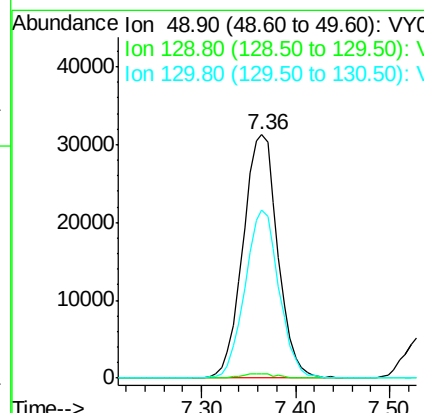
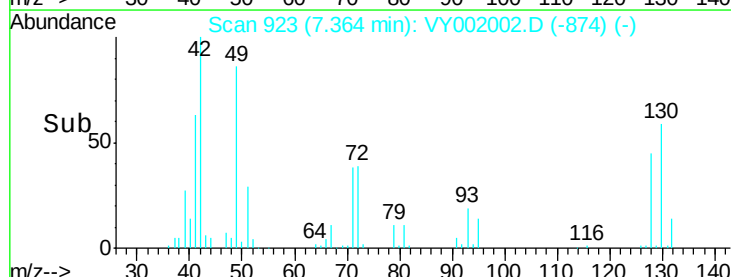
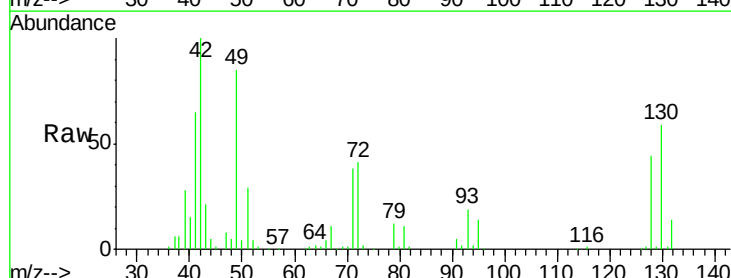
Manual Integrations
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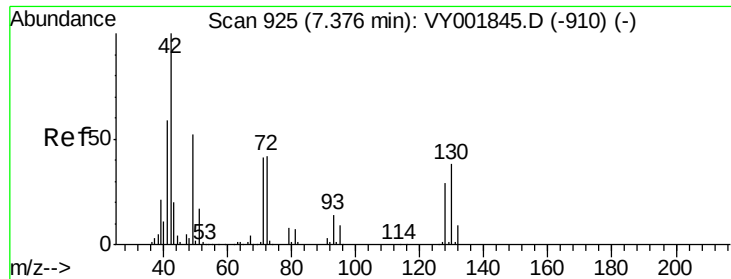
MMDadoda
 3/19/2020 11:59:32 AM



#28
 Bromochloromethane
 Concen: 51.475 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80612		
129	1.8	0.0	3.8	
130	67.6	54.4	81.6	





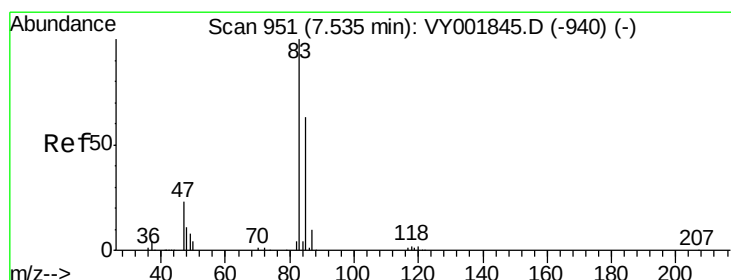
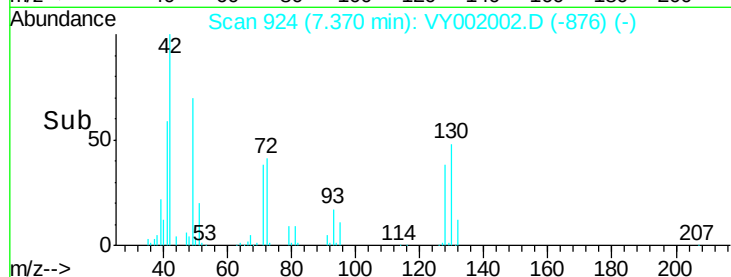
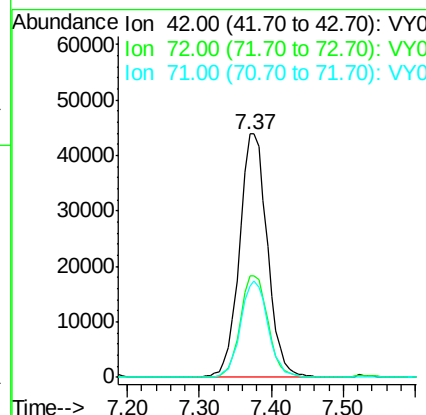
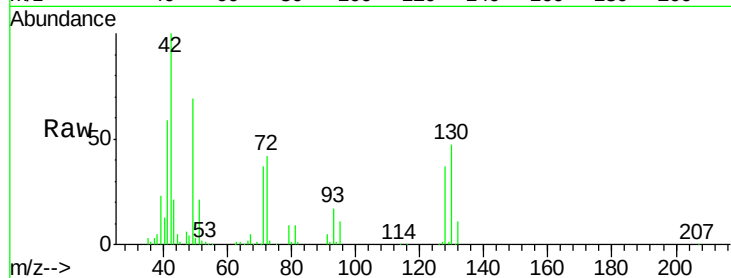
#29
Tetrahydrofuran
Concen: 236.942 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.5	50.3
71	38.7	31.3	46.9

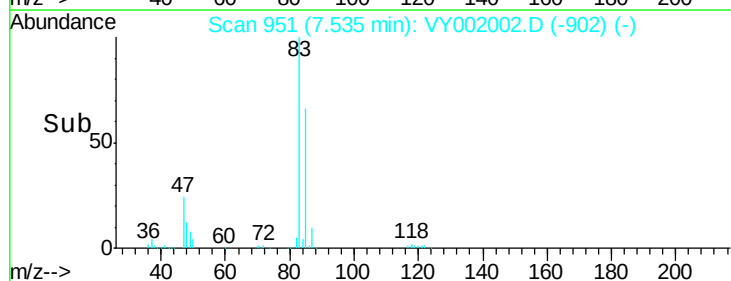
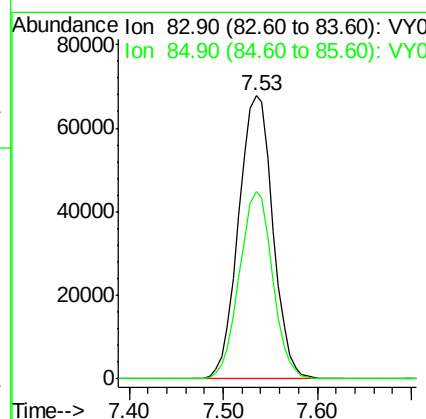
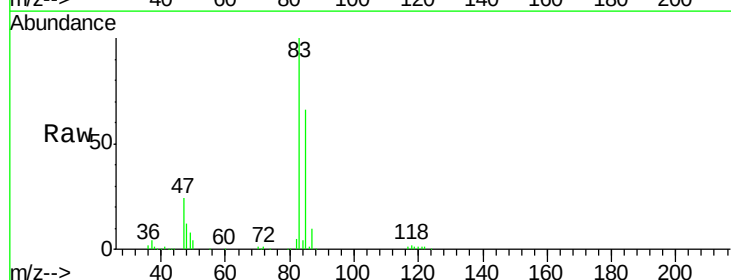
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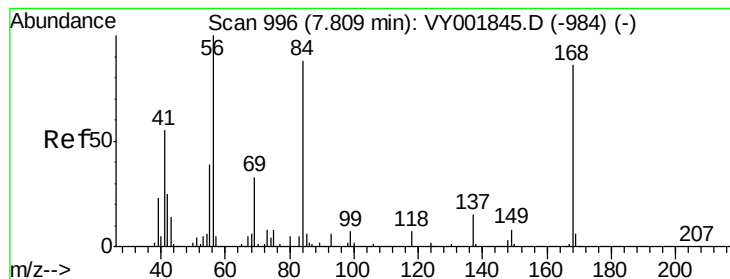
MMDadoda
3/19/2020 11:59:32 AM



#30
Chloroform
Concen: 52.688 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.7	76.1





#31

Cyclohexane

Concen: 48.413 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 180353

Ion Ratio Lower Upper

56 100

69 32.8 26.7 40.1

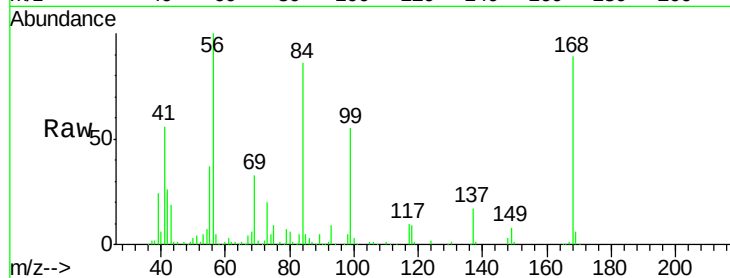
84 84.2 70.4 105.6

Manual Integrations

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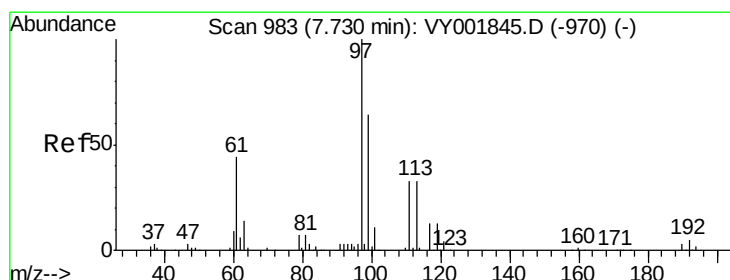
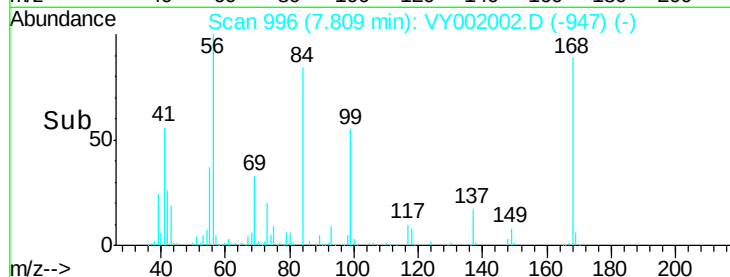
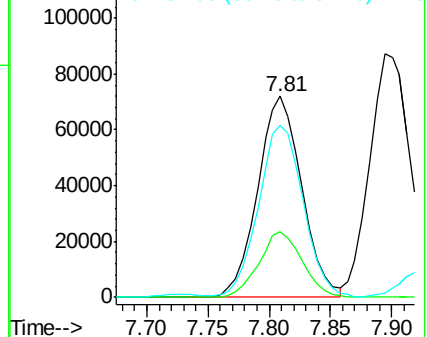


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 53.432 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

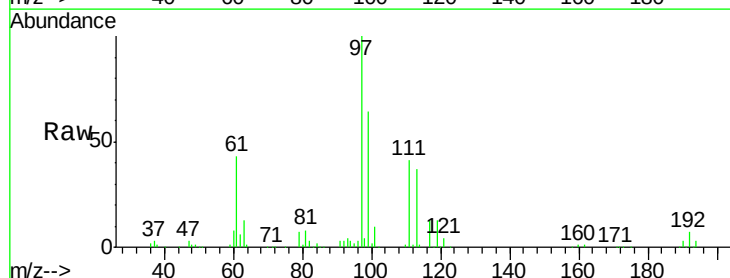
Tgt Ion: 97 Resp: 147005

Ion Ratio Lower Upper

97 100

99 62.9 52.0 78.0

61 43.7 35.0 52.4

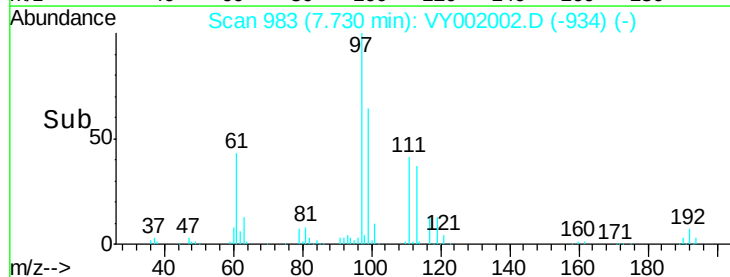
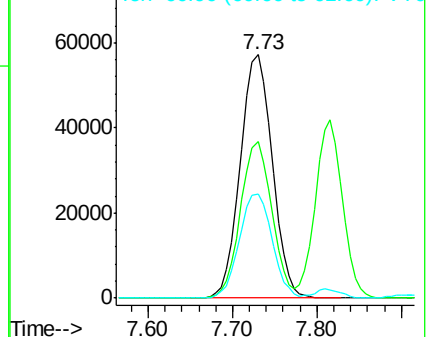


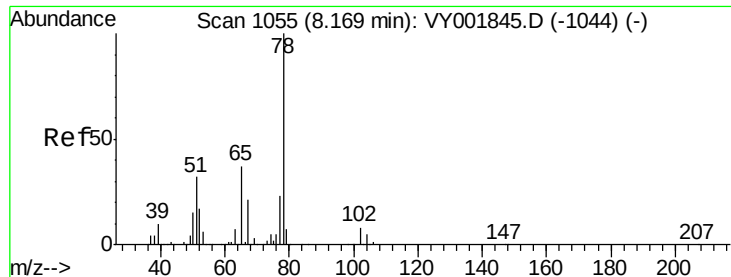
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





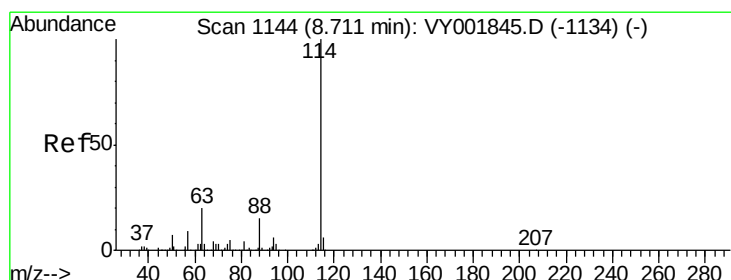
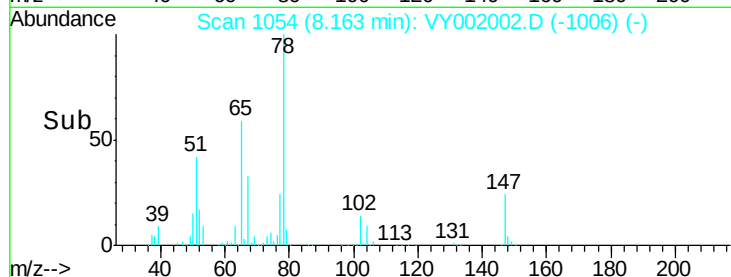
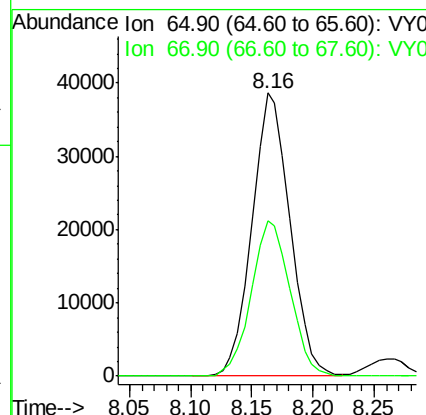
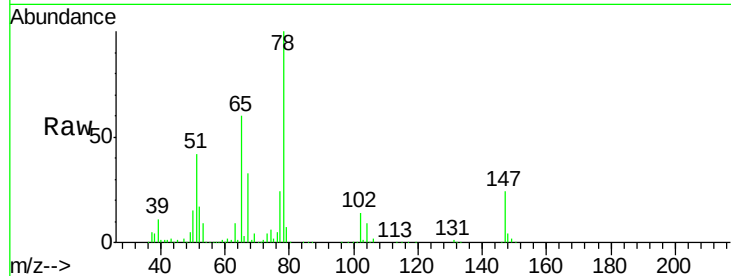
#33
 1,2-Dichloroethane-d4
 Concen: 49.222 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.1	0.0	110.8	

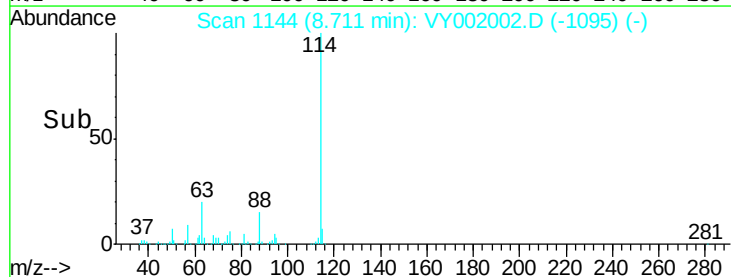
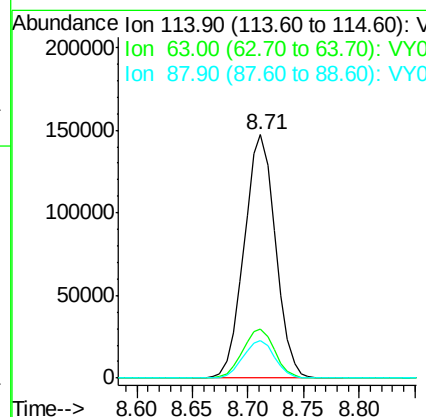
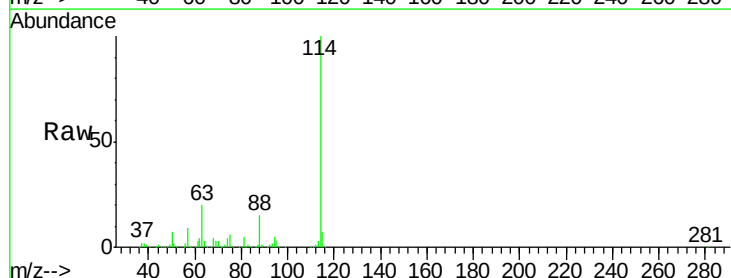
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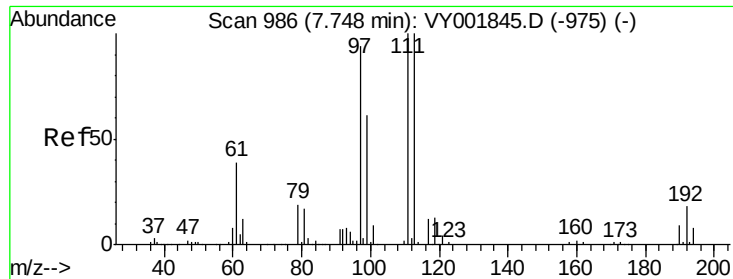
MMDadoda
 3/19/2020 11:59:32 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	39.4	
88	15.4	0.0	30.4	





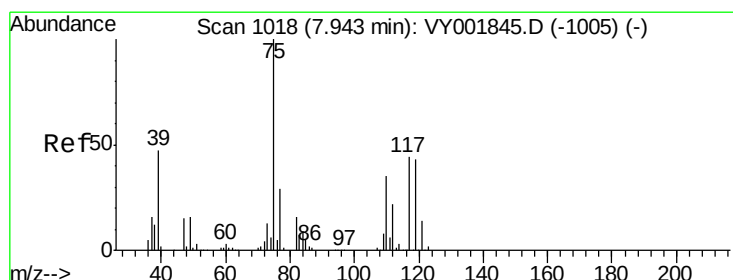
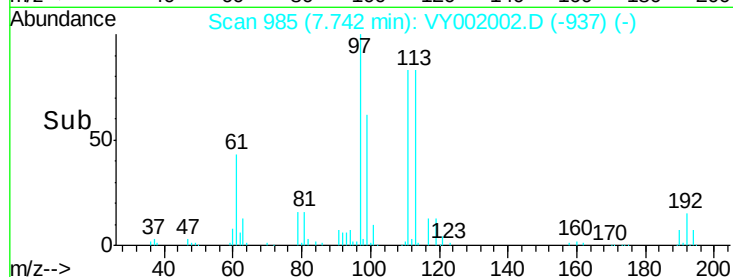
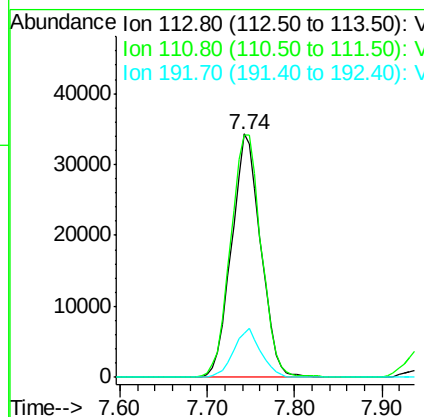
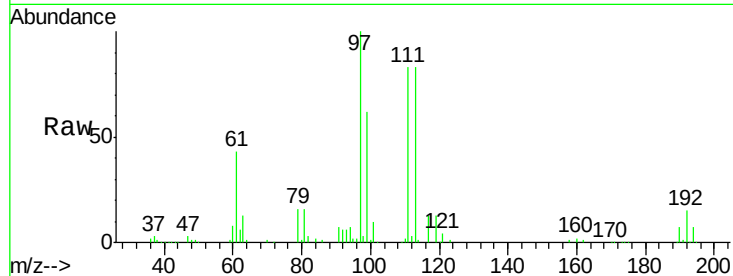
#35
 Dibromofluoromethane
 Concen: 50.643 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.8	122.8
192	18.8	14.2	21.2

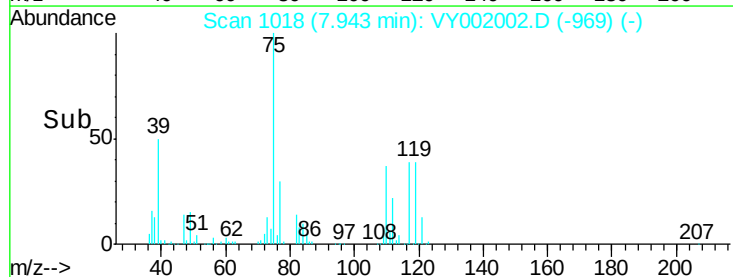
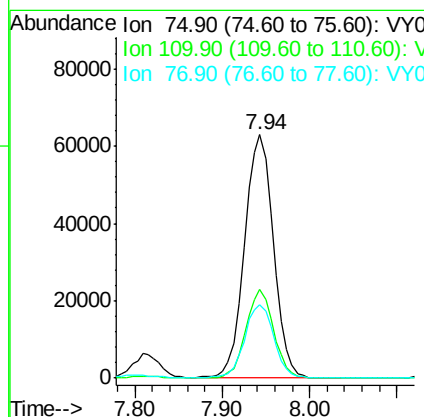
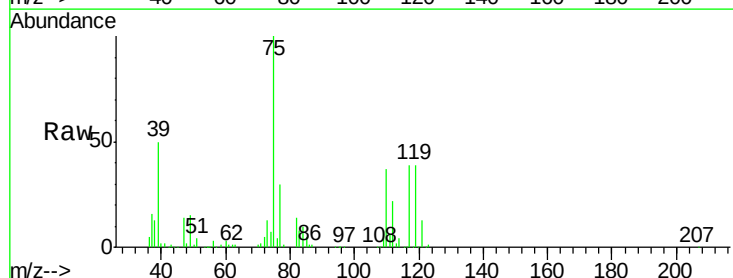
Manual Integrations
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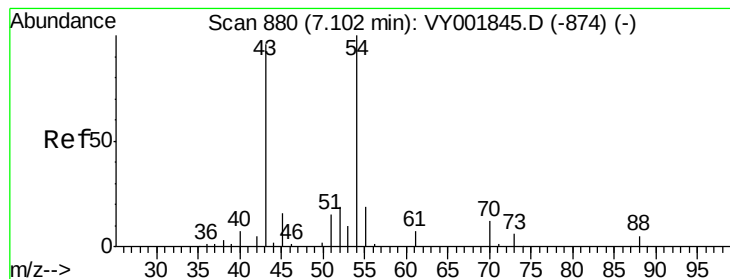
MMDadoda
 3/19/2020 11:59:32 AM



#36
 1,1-Dichloropropene
 Concen: 52.174 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.2
77	30.6	24.2	36.2





#37

Ethyl Acetate

Concen: 51.088 ug/l

RT: 7.10 min Scan# 880

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

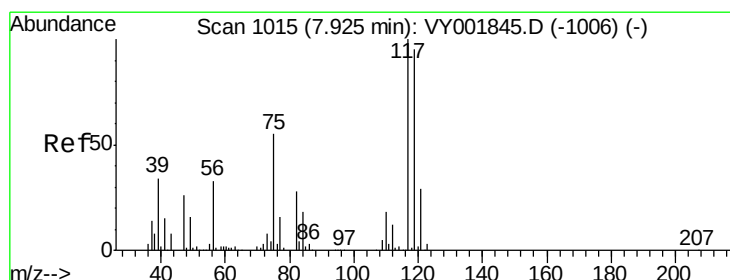
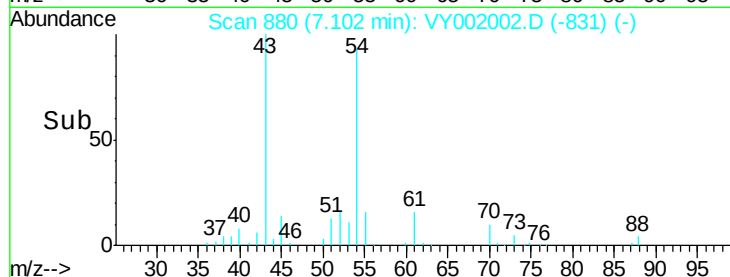
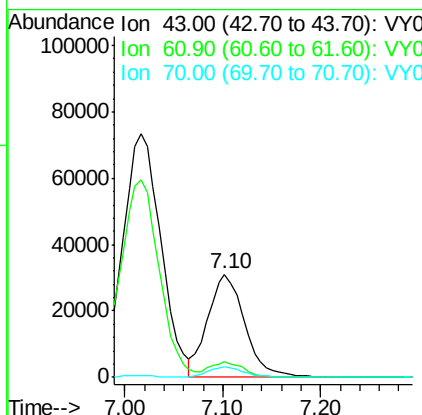
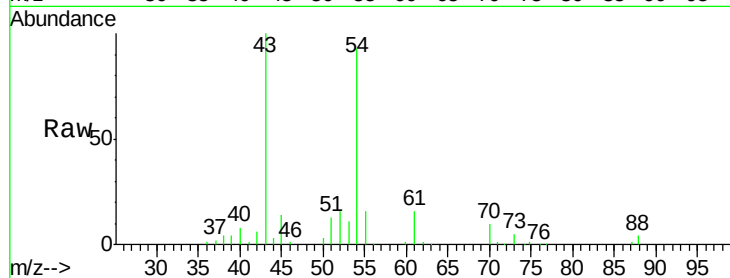
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	82146
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	10.0	8.2	12.4

Manual Integrations
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3/19/2020 11:59:32 AM



#38

Carbon Tetrachloride

Concen: 52.753 ug/l

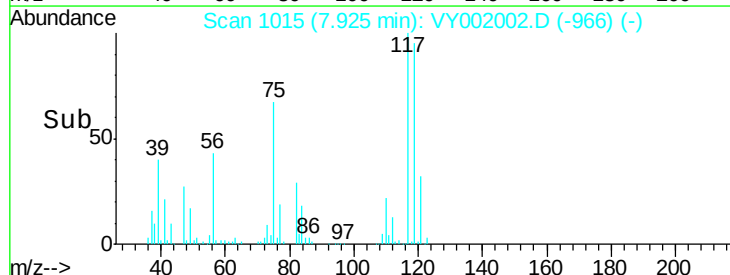
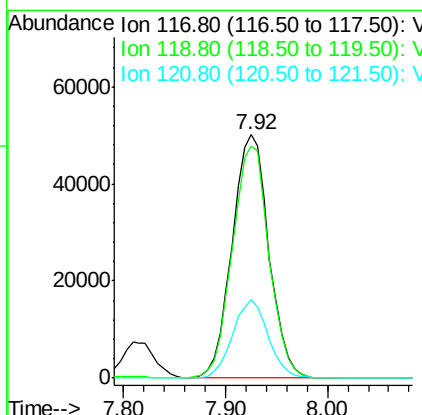
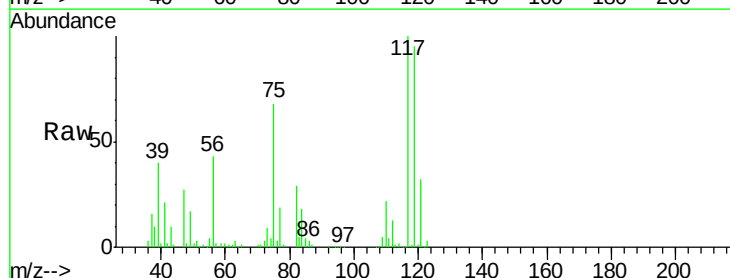
RT: 7.92 min Scan# 1015

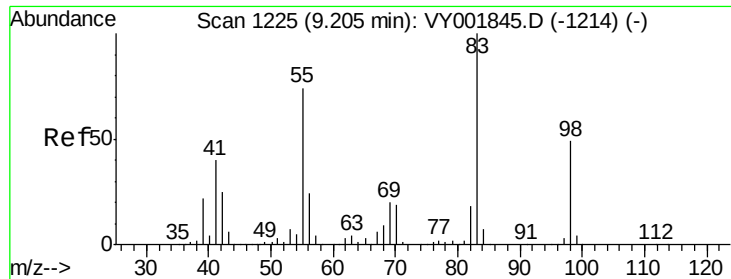
Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Tgt Ion:	117	Resp:	124674
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.3	114.5
121	32.0	23.5	35.3





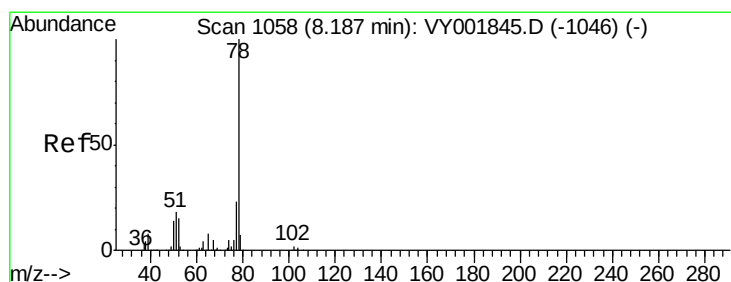
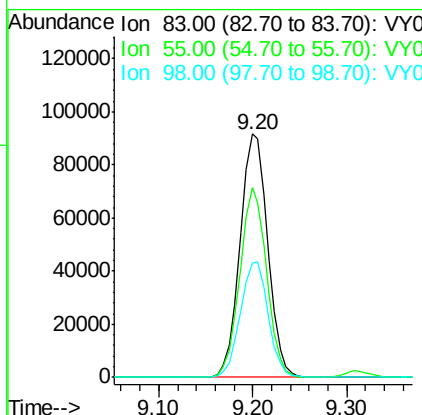
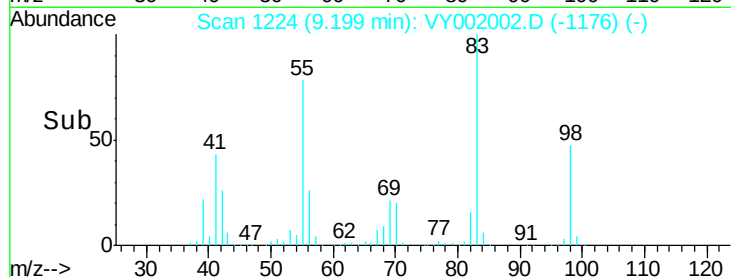
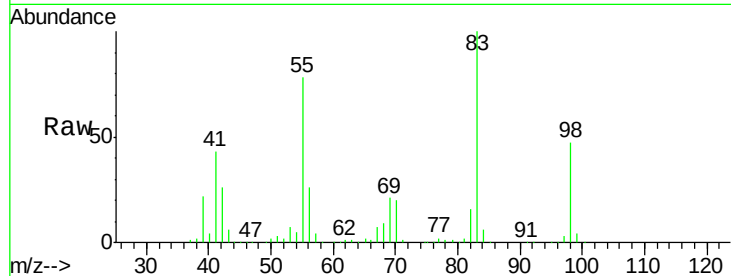
#39
Methylvlcyclohexane
Concen: 51.302 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	188243
Ion Ratio	Lower	Upper	
83	100		
55	78.0	59.4	89.0
98	47.1	38.9	58.3

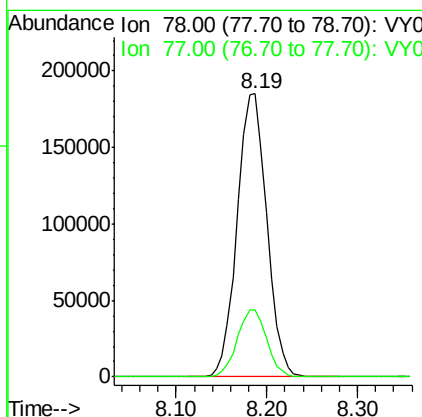
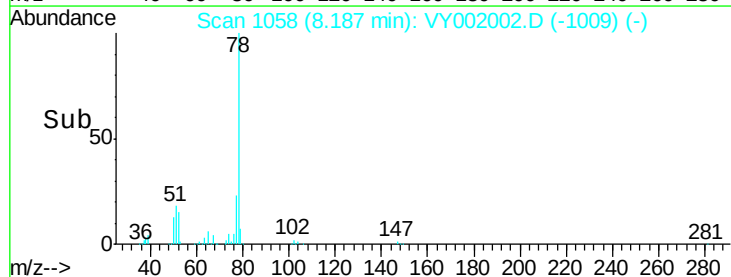
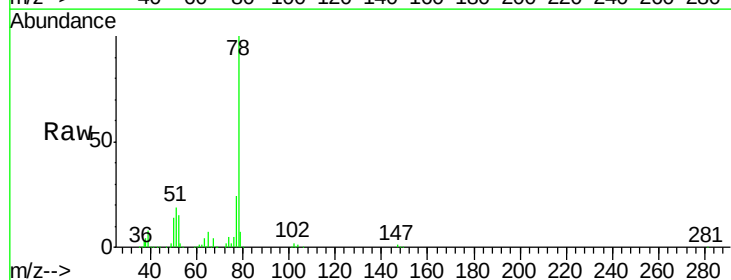
Manual Integrations
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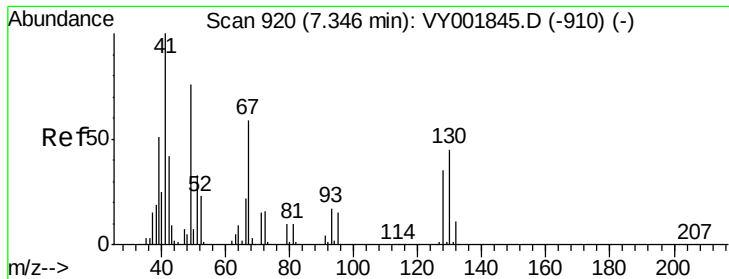
MMDadoda
3/19/2020 11:59:32 AM



#40
Benzene
Concen: 51.181 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	78	Resp	419686
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.7	28.1





#41

Methacrylonitrile

Concen: 53.666 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 38834

Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

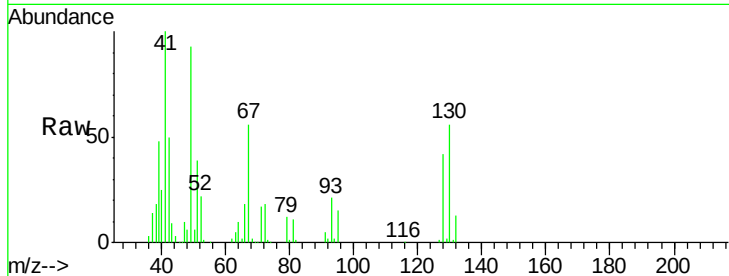
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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MMDadoda

3/19/2020 11:59:32 AM

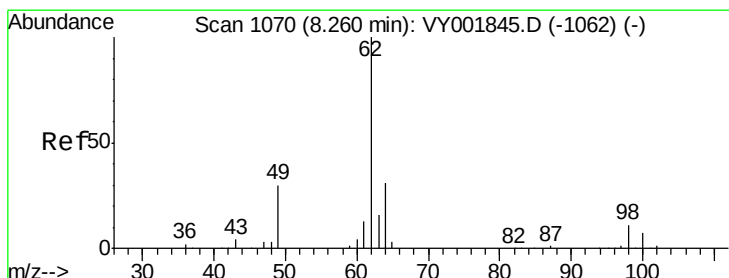
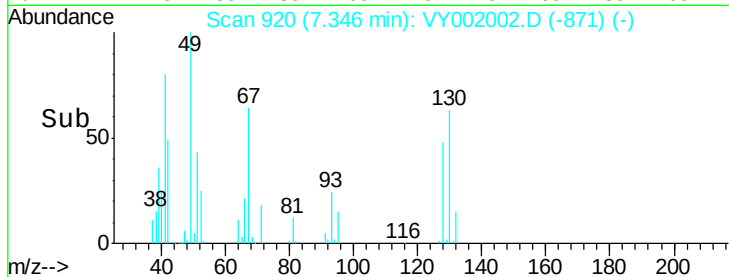
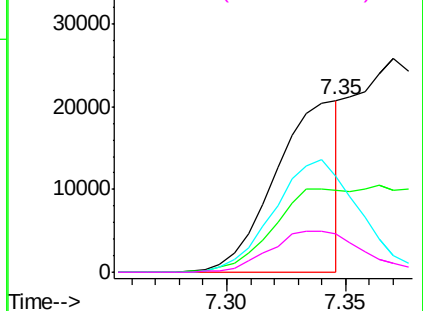


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 51.425 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VY002002.D

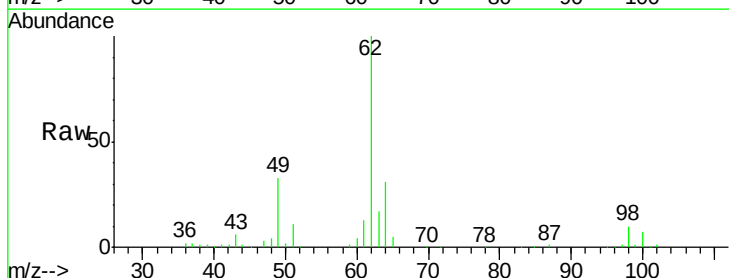
Acq: 18 Mar 2020 10:10

Tgt Ion: 62 Resp: 108662

Ion Ratio Lower Upper

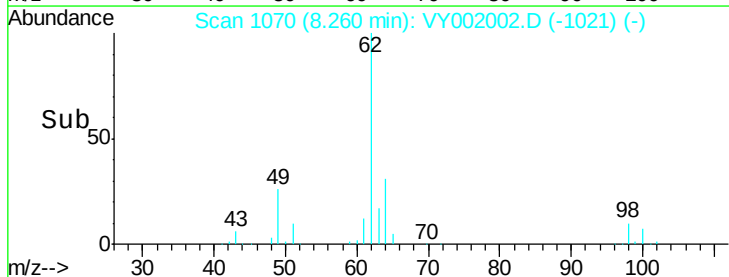
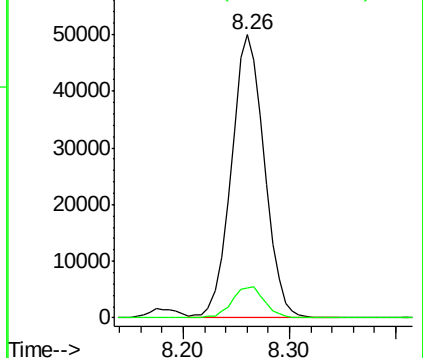
62 100

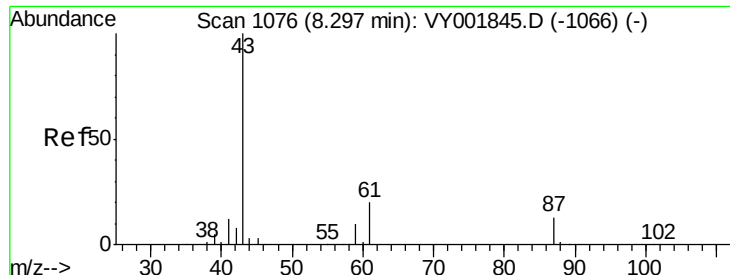
98 10.8 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





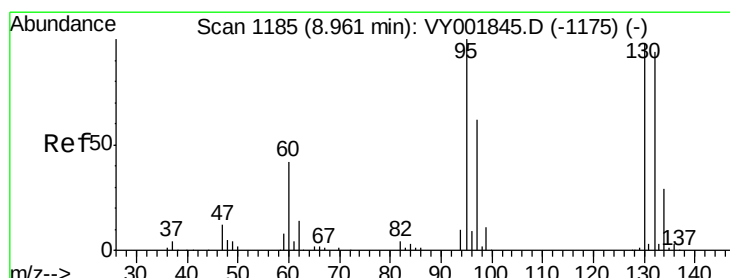
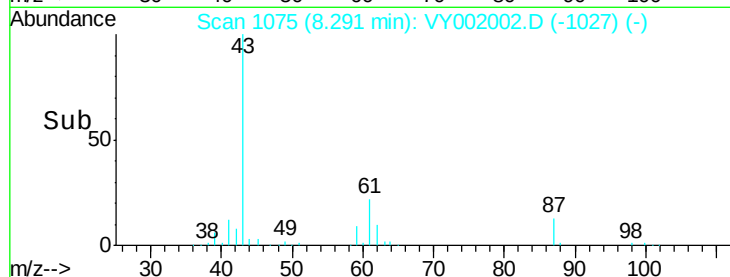
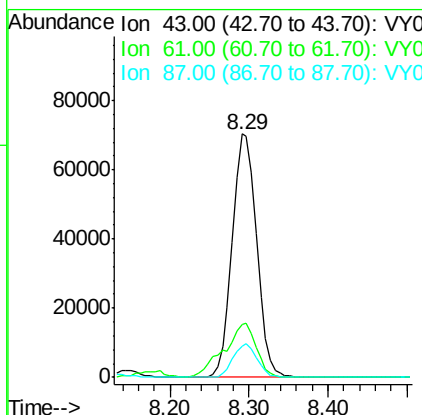
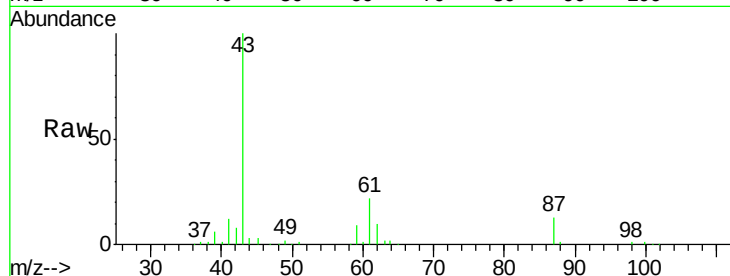
#43
Isopropyl Acetate
Concen: 50.089 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.8	35.6
87	13.3	10.9	16.3

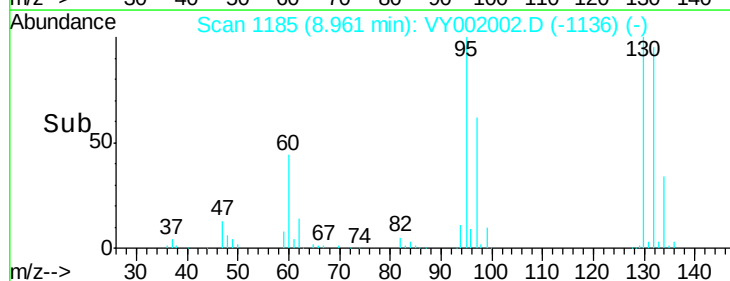
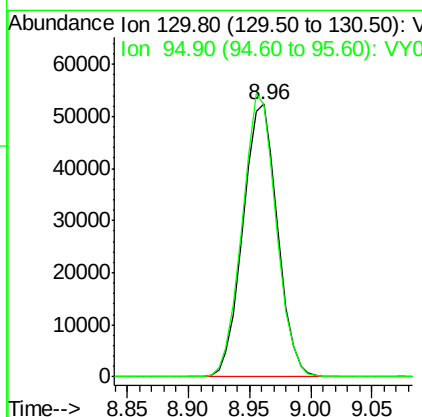
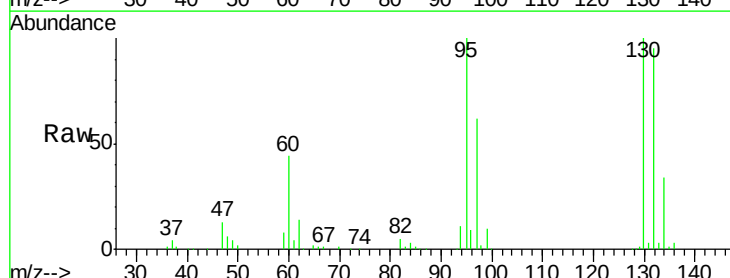
Manual Integrations
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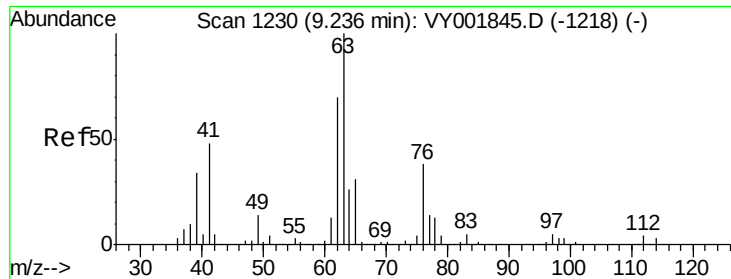
MMDadoda
3/19/2020 11:59:32 AM



#44
Trichloroethene
Concen: 51.583 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	204.6





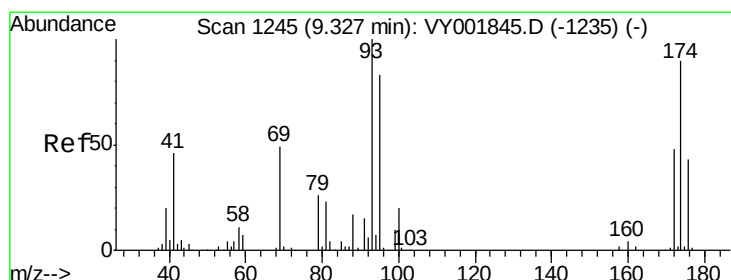
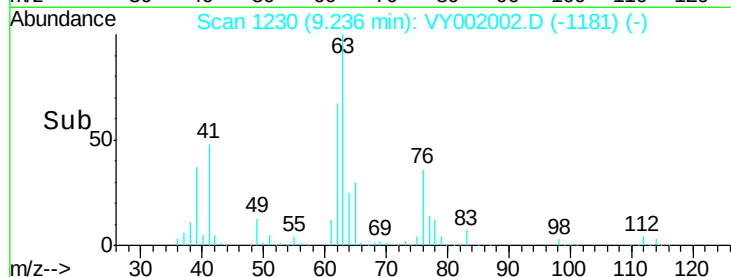
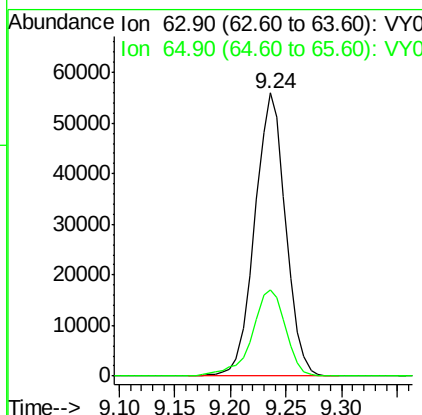
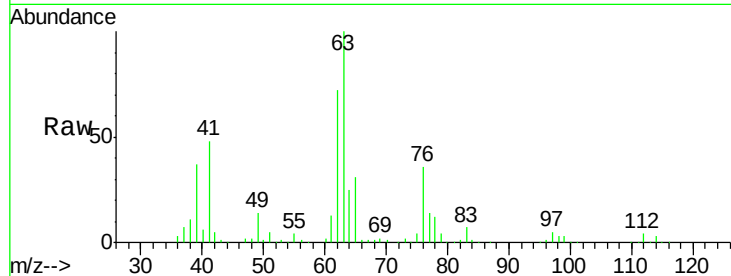
#45
 1,2-Dichloropropane
 Concen: 52.388 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 107990
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.9 37.3

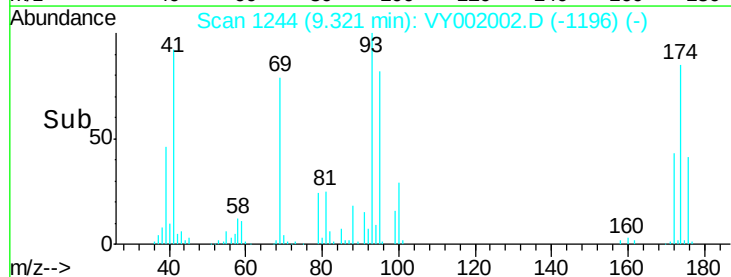
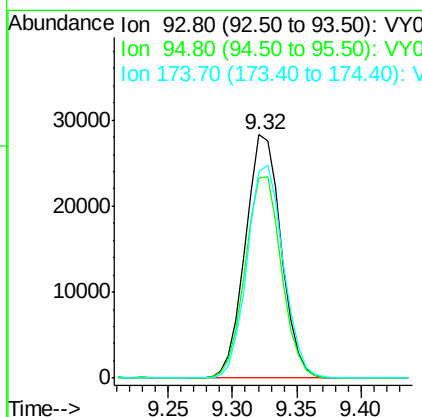
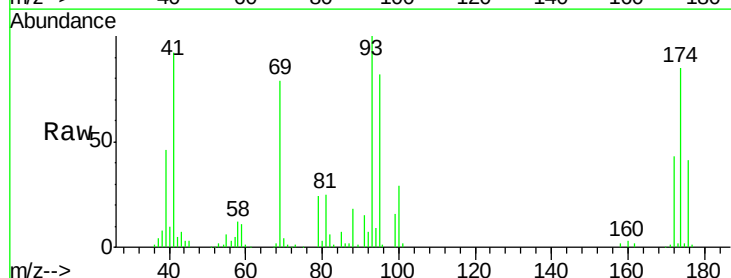
Manual Integrations
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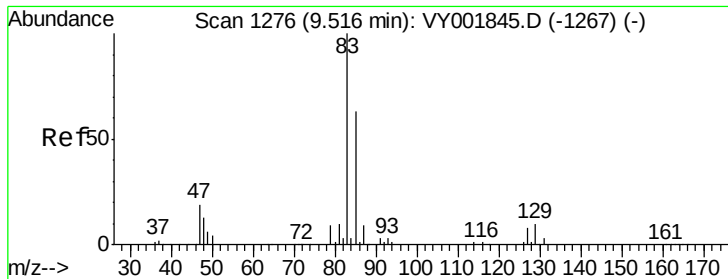
MMDadoda
 3/19/2020 11:59:32 AM



#46
 Dibromomethane
 Concen: 51.078 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion: 93 Resp: 54258
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.0 100.4
 174 88.1 71.8 107.8





#47

Bromodichloromethane

Concen: 53.378 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

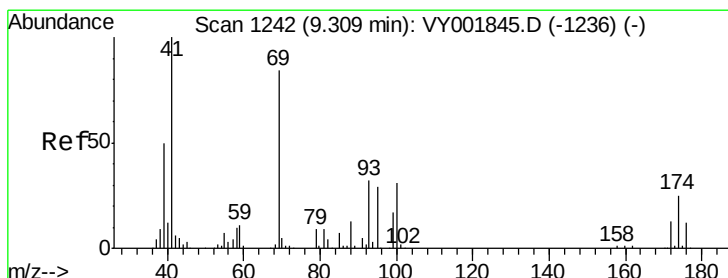
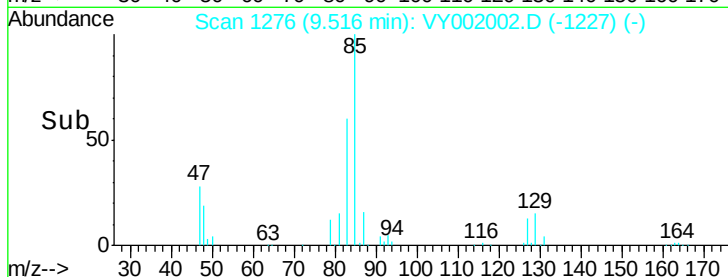
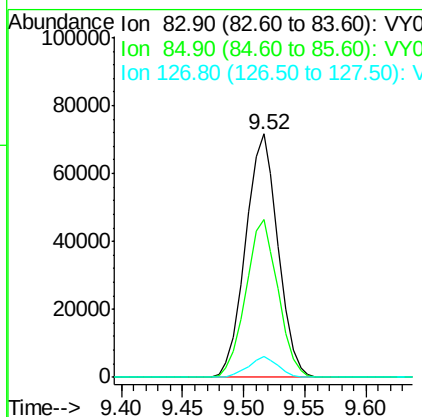
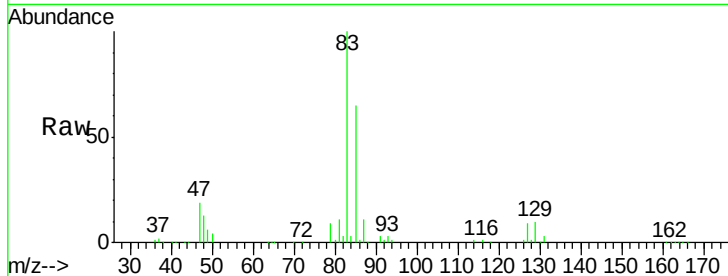
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	131899
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.6	76.0
127	8.5	6.2	9.4

Manual Integrations
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MMDadoda
3/19/2020 11:59:32 AM



#48

Methyl methacrylate

Concen: 50.294 ug/l

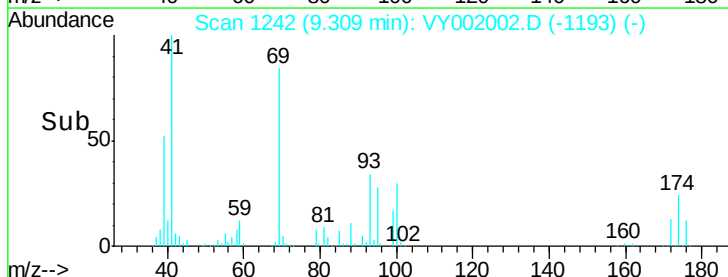
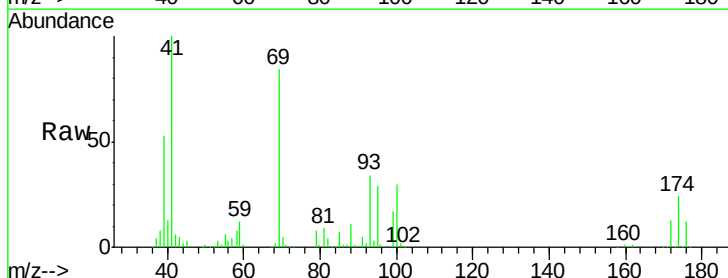
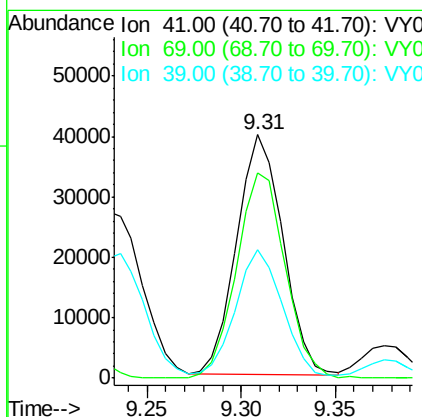
RT: 9.31 min Scan# 1242

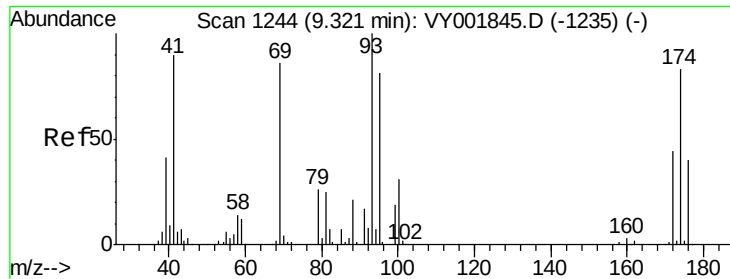
Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Tgt Ion:	41	Resp:	67938
Ion	Ratio	Lower	Upper
41	100		
69	89.6	69.0	103.6
39	52.1	39.1	58.7





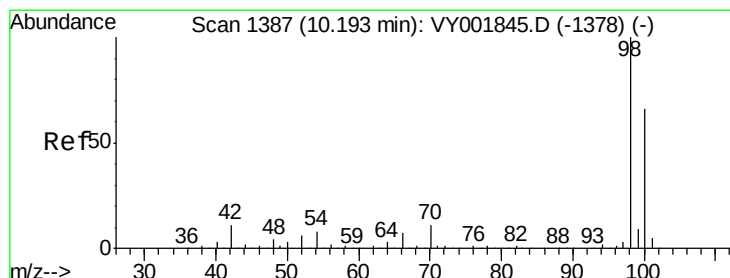
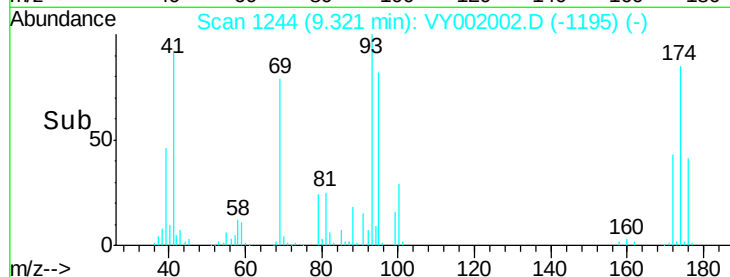
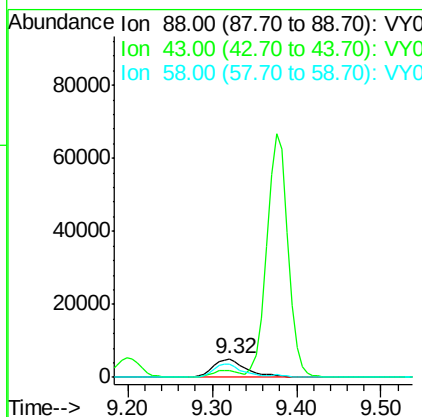
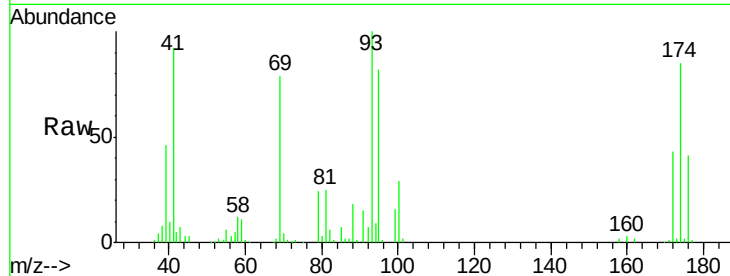
#49
 1,4-Dioxane
 Concen: 943.209 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	13729
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.0	37.6
58	64.2	58.9	88.3

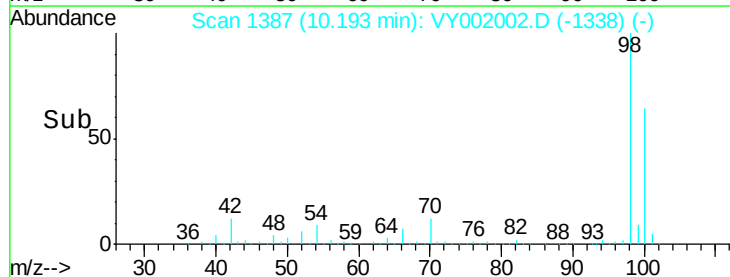
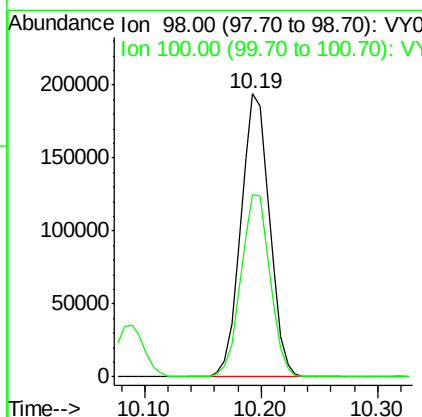
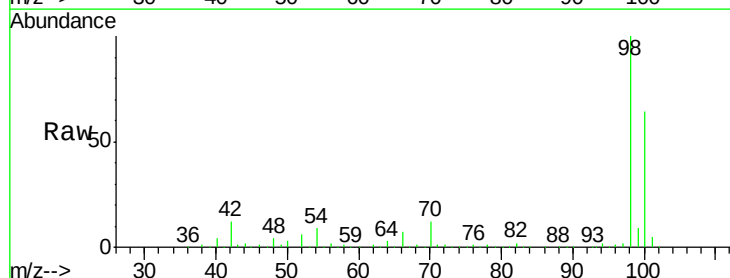
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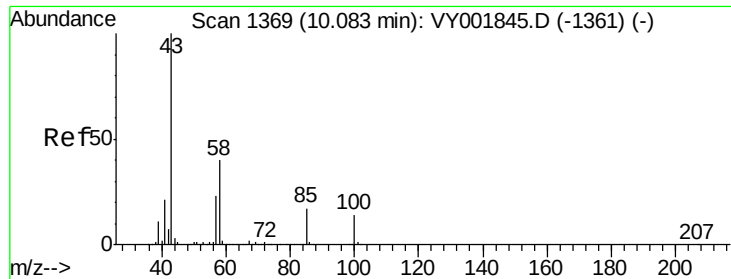
MMDadoda
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#50
 Toluene-d8
 Concen: 50.347 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	98	Resp	333285
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4





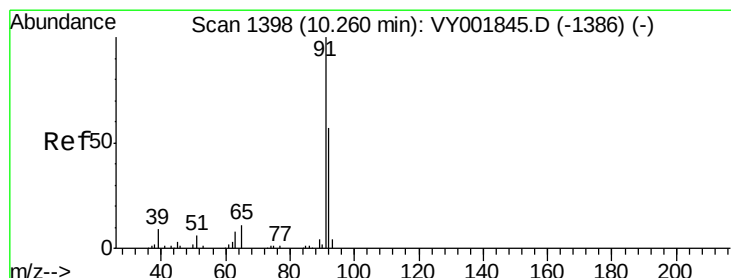
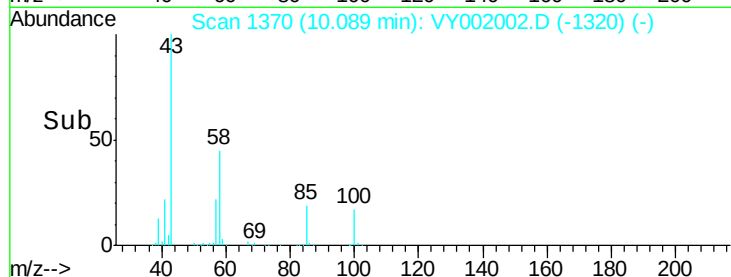
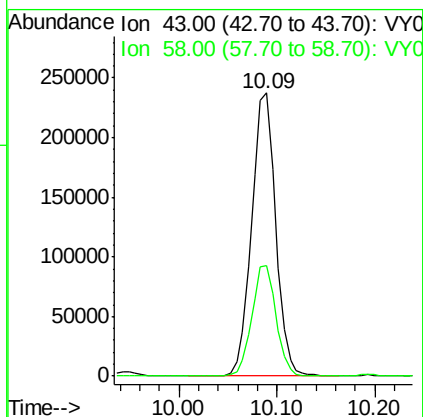
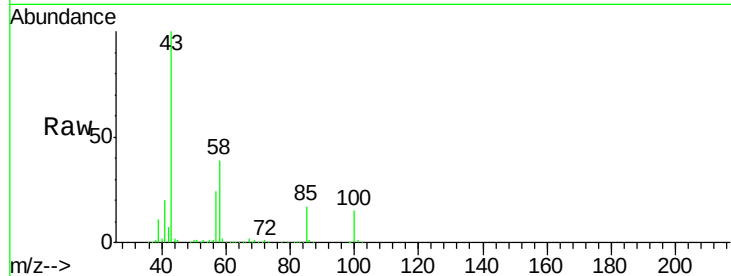
#51
 4-Methyl-2-Pentanone
 Concen: 258.035 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 404600
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.0 48.0

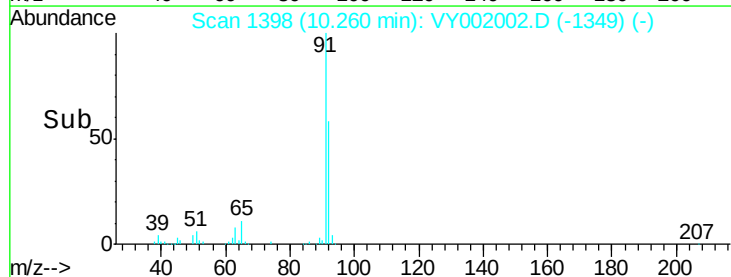
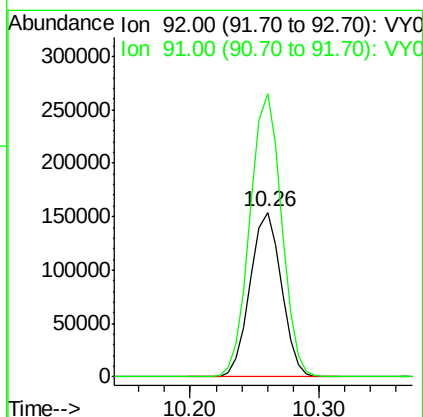
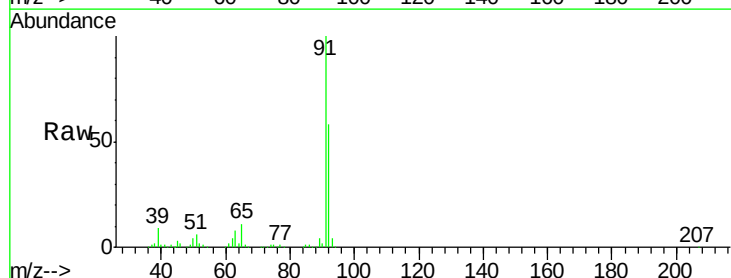
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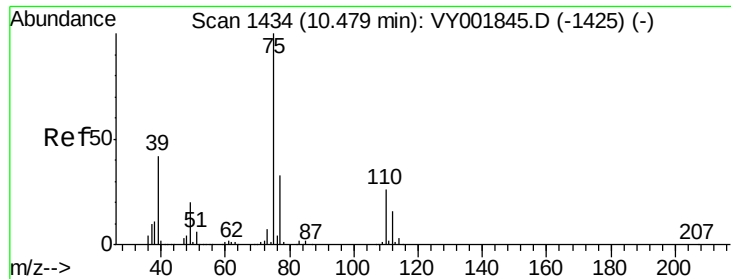
MMDadoda
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#52
 Toluene
 Concen: 51.981 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion: 92 Resp: 258934
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.6 208.0





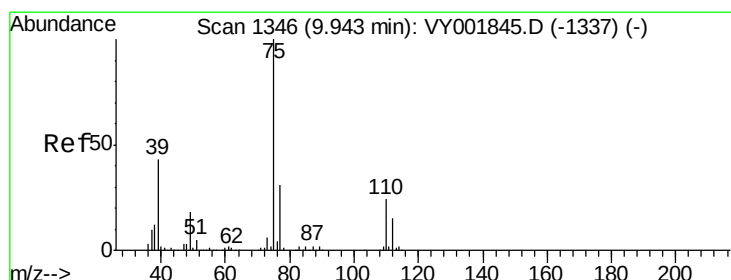
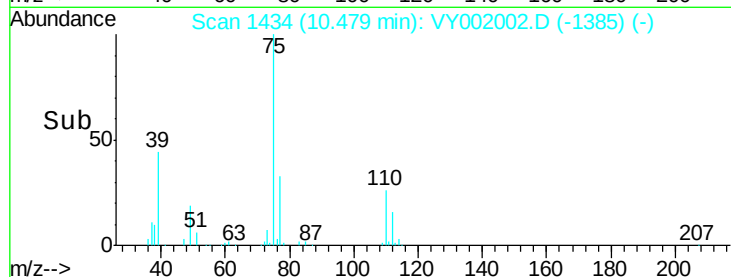
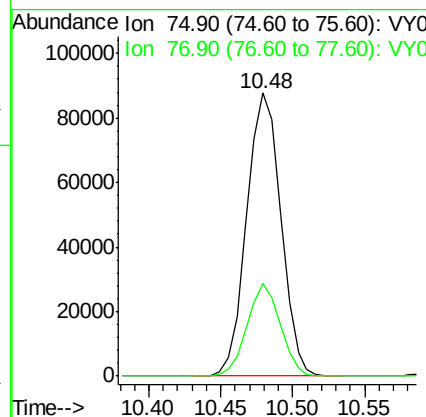
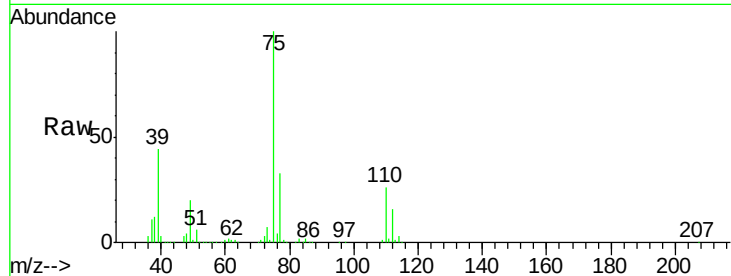
#53
t-1,3-Dichloropropene
Concen: 53.581 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.3	39.5

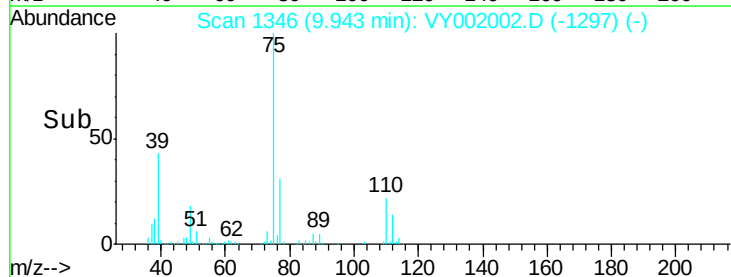
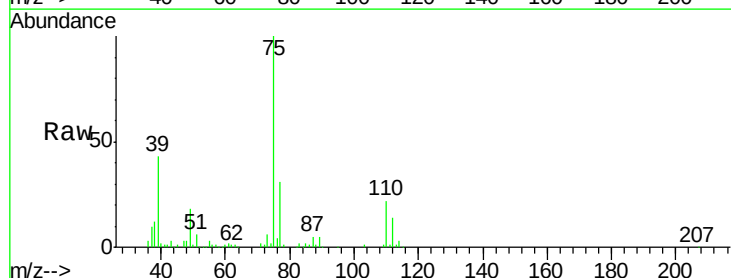
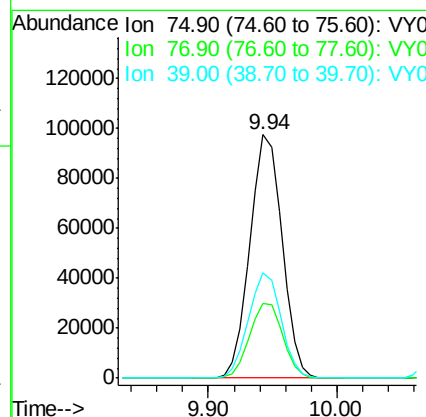
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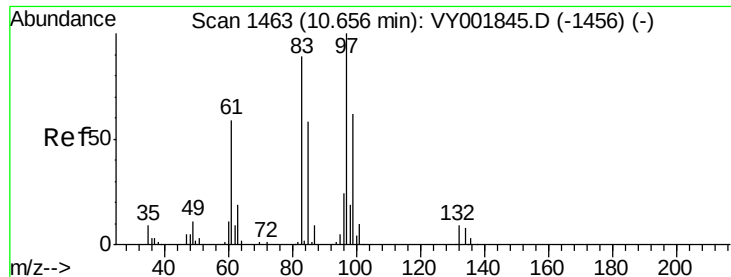
MMDadoda
3/19/2020 11:59:32 AM



#54
cis-1,3-Dichloropropene
Concen: 52.586 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.1	37.7
39	43.2	34.7	52.1





#55

1,1,2-Trichloroethane

Concen: 51.577 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 80182

Ion Ratio Lower Upper

97 100

83 84.1 71.6 107.4

85 55.8 46.6 69.8

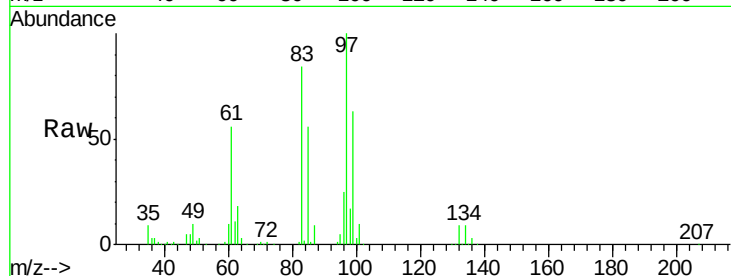
99 63.4 49.8 74.6

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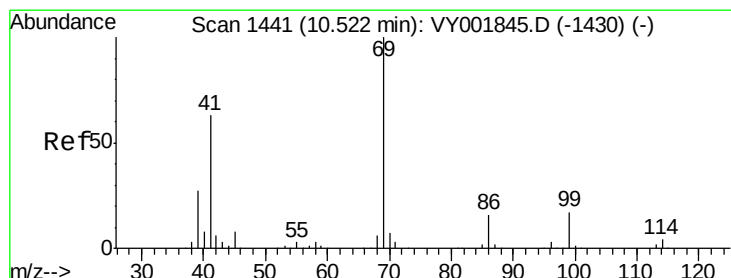
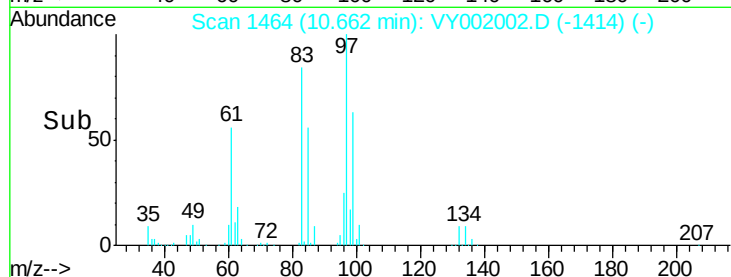
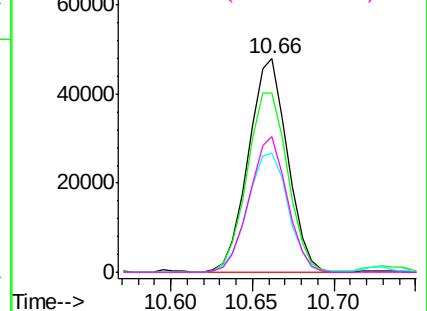


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 51.442 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

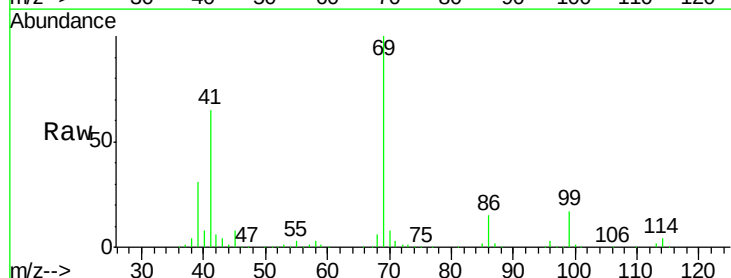
Tgt Ion: 69 Resp: 117219

Ion Ratio Lower Upper

69 100

41 64.9 49.9 74.9

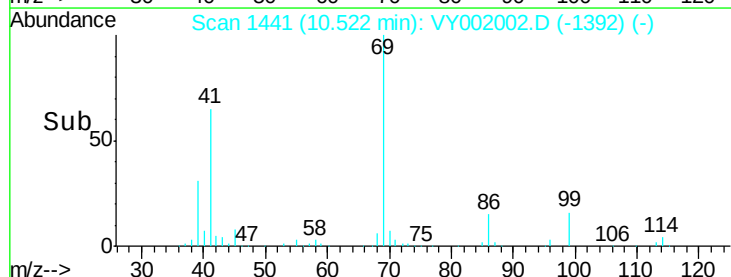
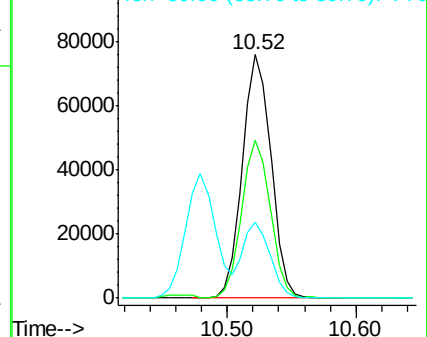
39 29.6 23.0 34.6

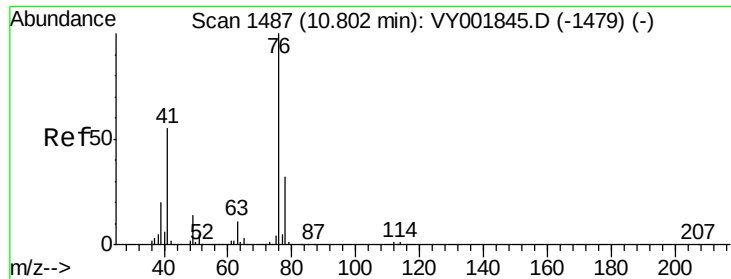


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





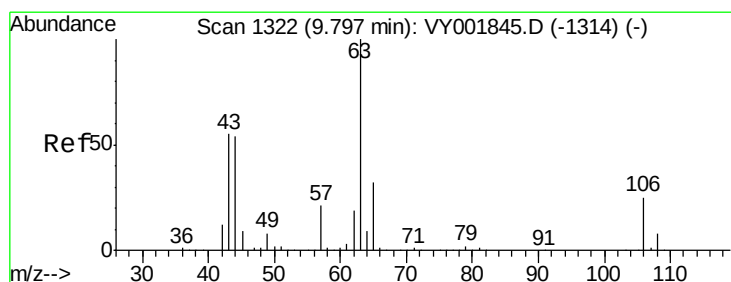
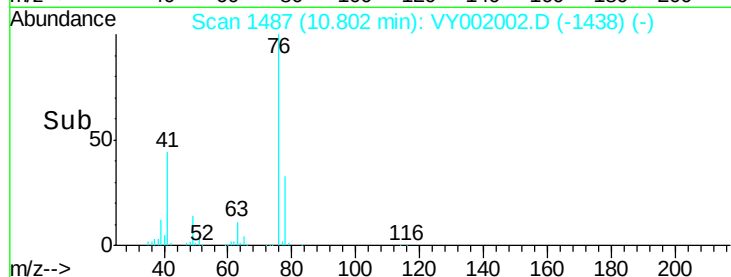
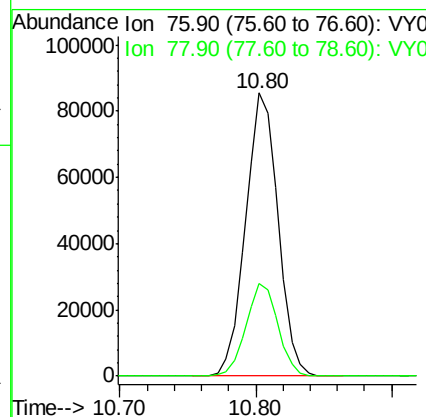
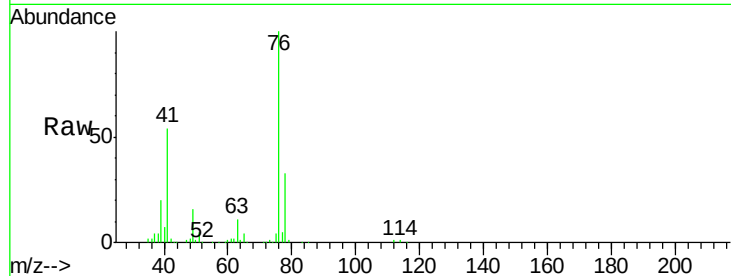
#57
 1,3-Dichloropropane
 Concen: 51.391 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 142412
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

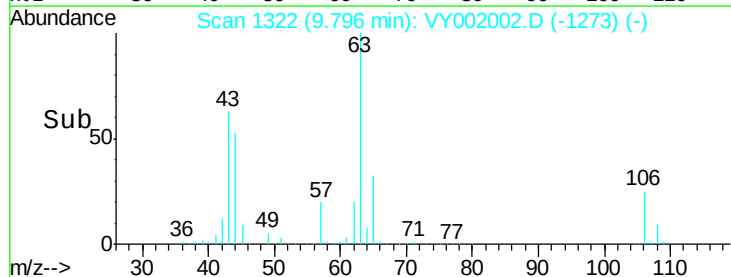
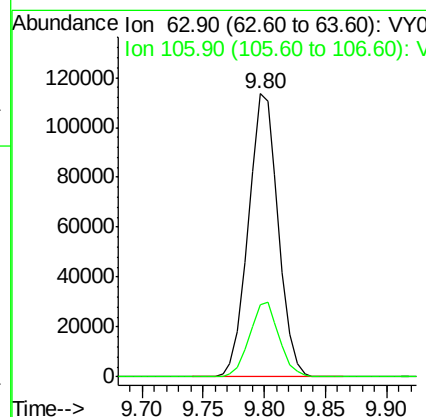
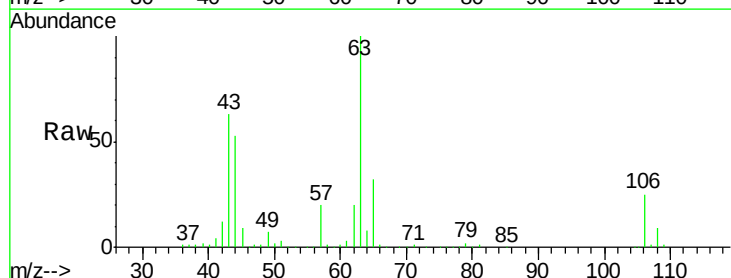
Manual Integrations
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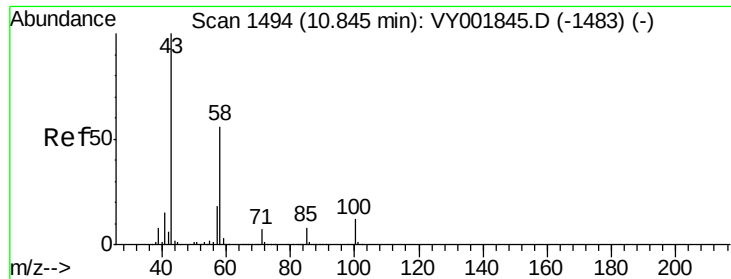
MMDadoda
 3/19/2020 11:59:32 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.557 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion: 63 Resp: 191895
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.3 31.9





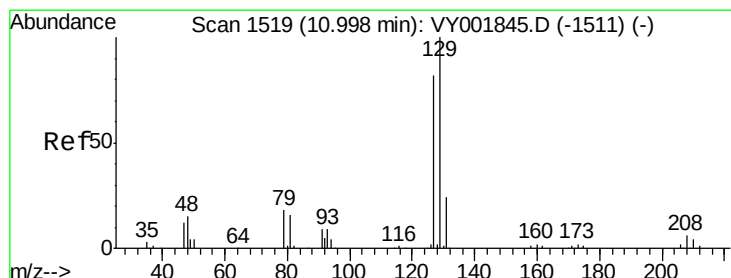
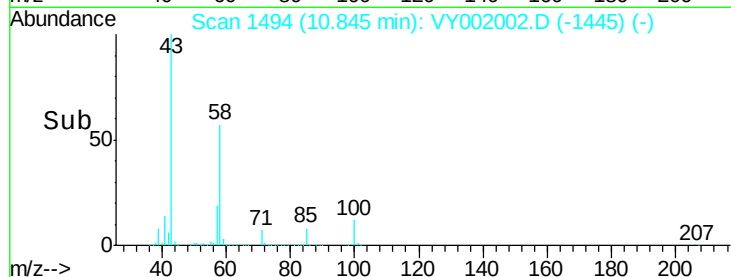
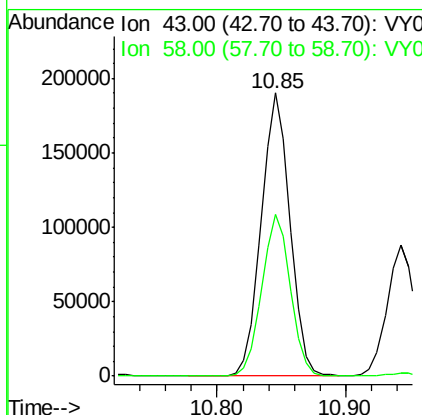
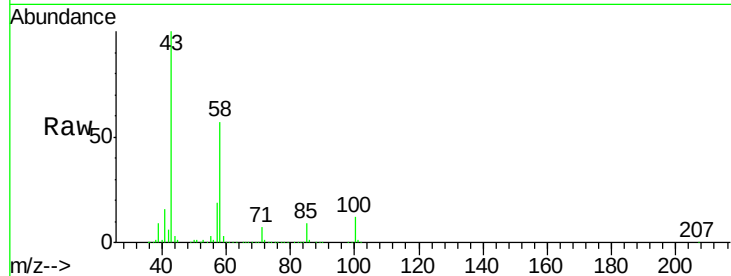
#59
2-Hexanone
Concen: 262.104 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 293338
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3

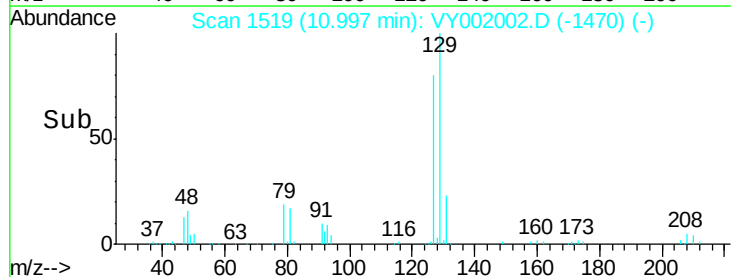
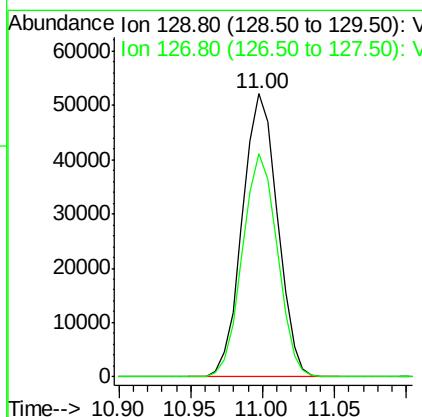
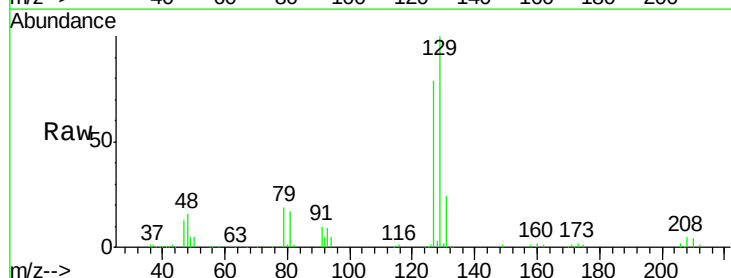
Manual Integrations
APPROVED

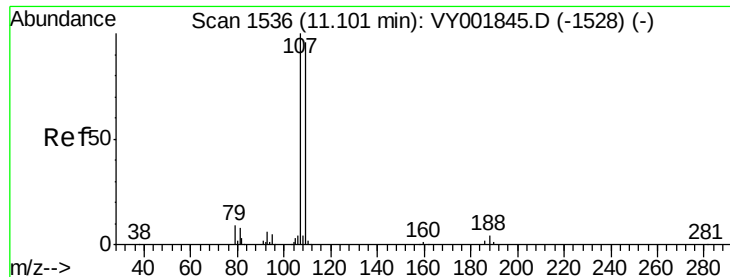
MMDadoda
3/19/2020 11:59:32 AM



#60
Dibromochloromethane
Concen: 53.885 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion:129 Resp: 88271
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





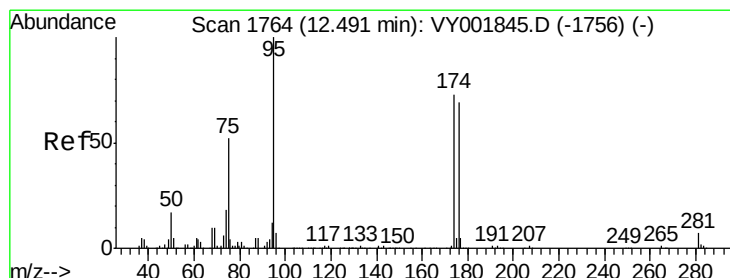
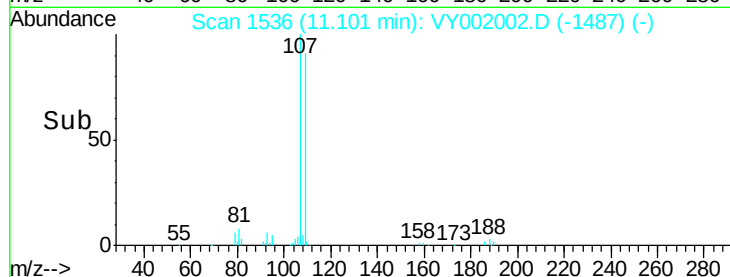
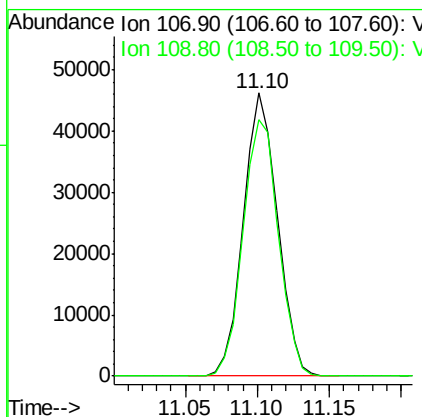
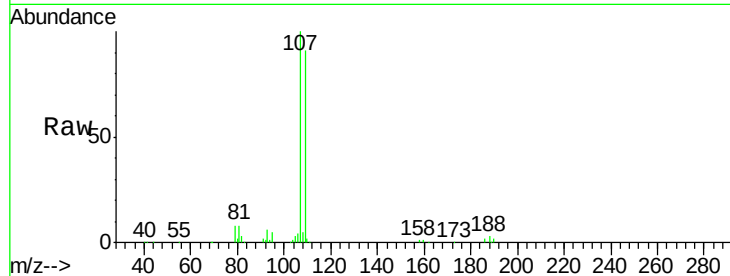
#61
 1,2-Dibromoethane
 Concen: 51.491 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.4	113.0

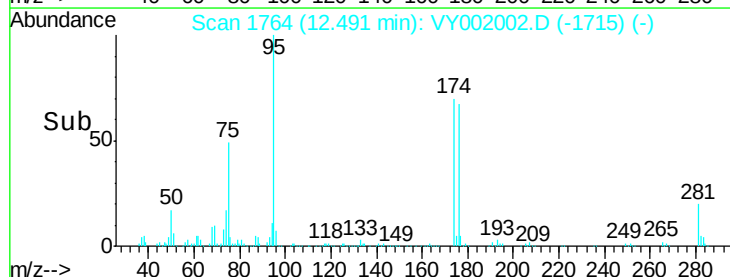
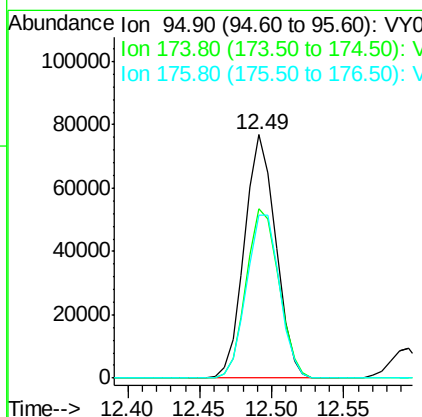
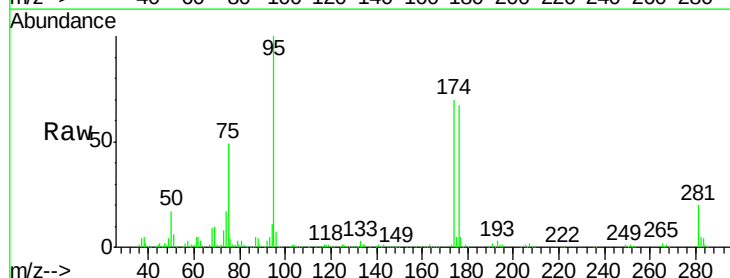
Manual Integrations
 APPROVED

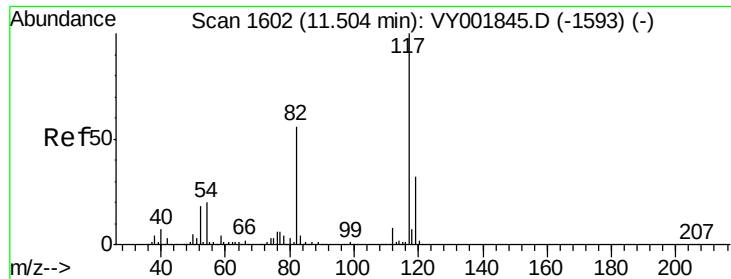
MMDadoda
 3/19/2020 11:59:32 AM



#62
 4-Bromofluorobenzene
 Concen: 50.218 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	145.0
176	70.6	0.0	137.4





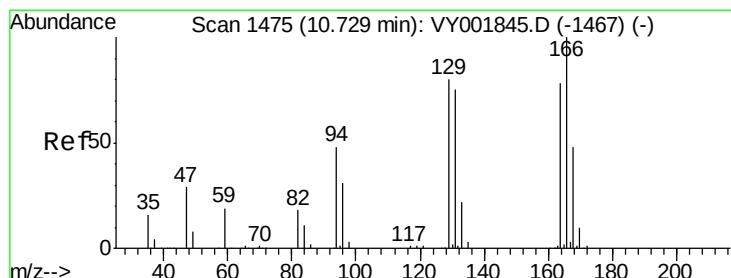
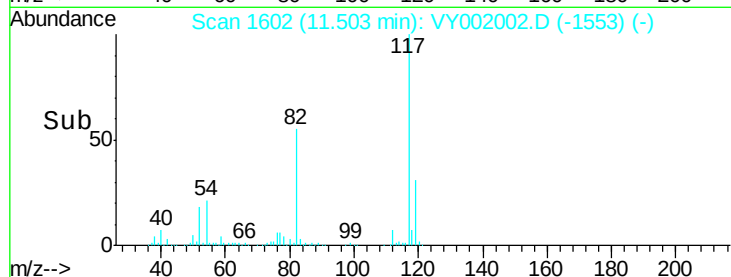
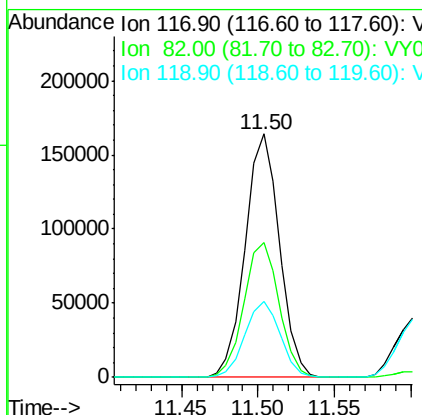
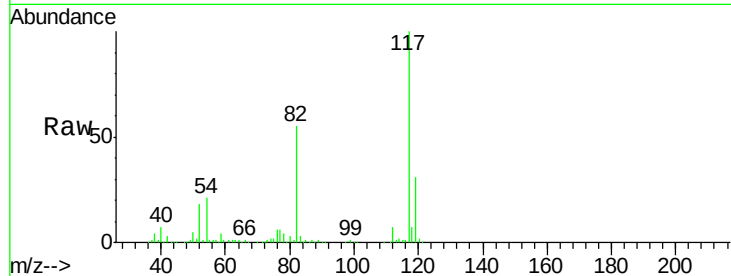
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	255573		
82	55.4		44.5	66.7
119	31.4		25.7	38.5

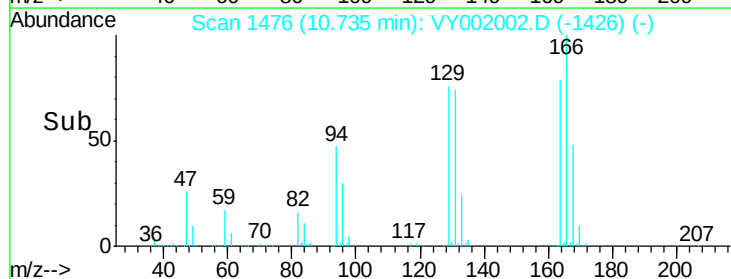
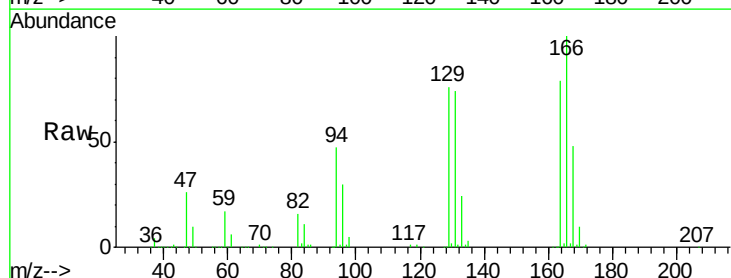
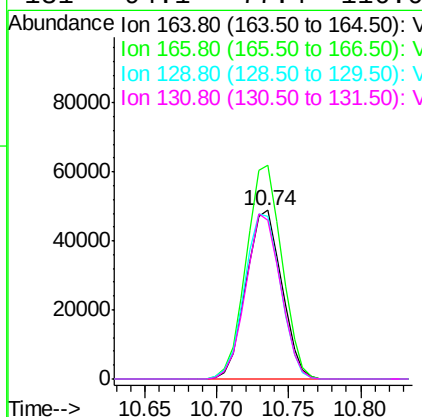
Manual Integrations
APPROVED

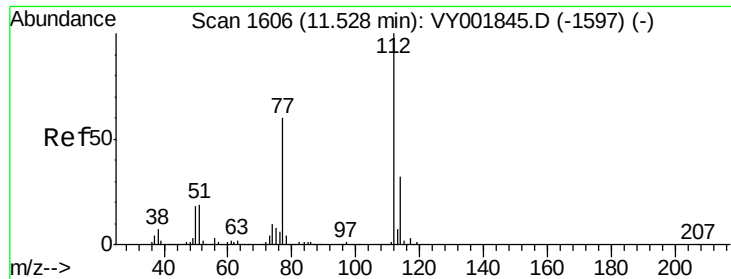
MMDadoda
3/19/2020 11:59:32 AM



#64
Tetrachloroethene
Concen: 52.285 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83800		
166	126.9		102.6	154.0
129	96.5		82.3	123.5
131	94.1		77.4	116.0





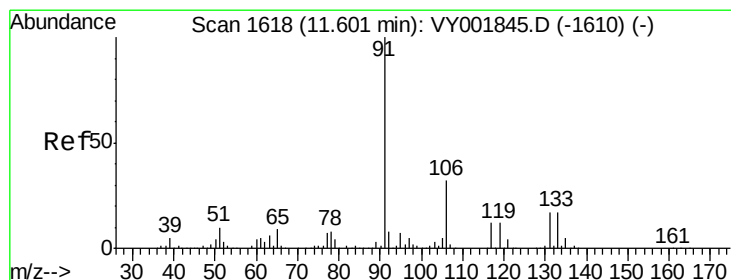
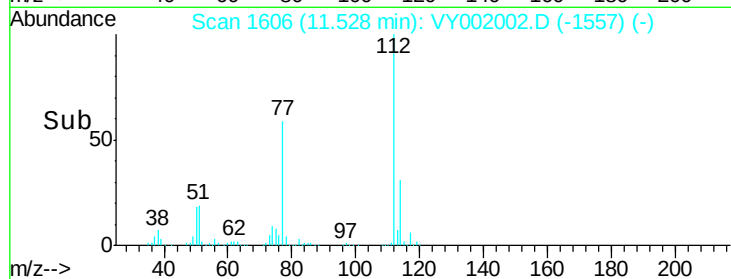
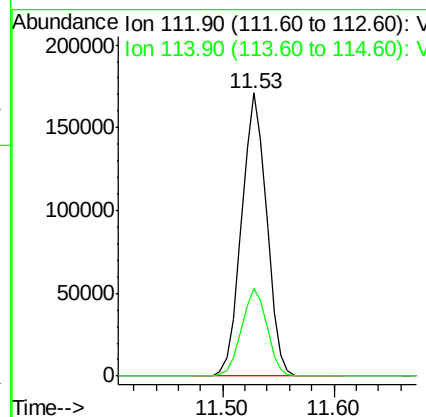
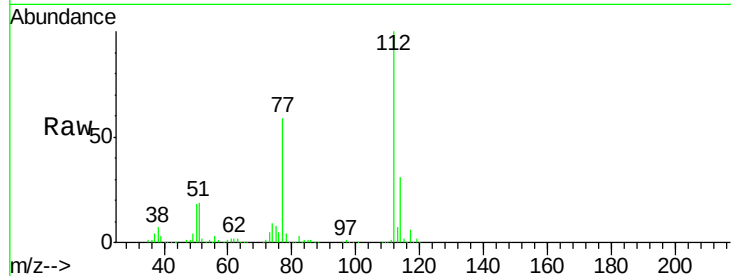
#65
Chlorobenzene
Concen: 52.245 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.9	38.9

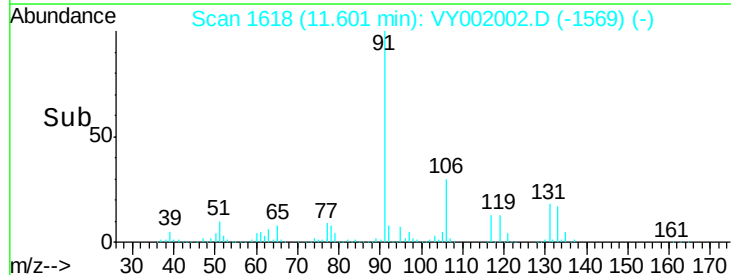
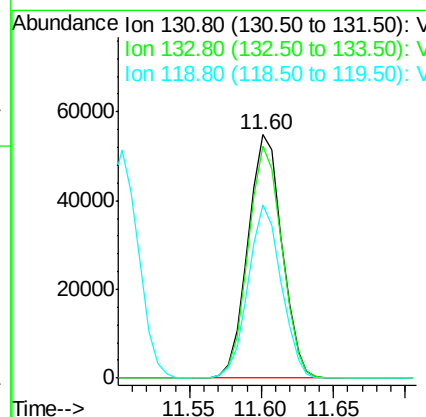
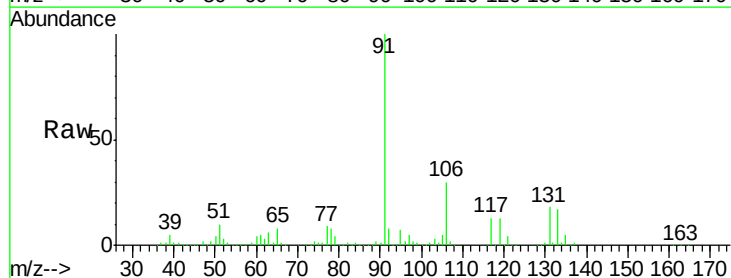
Manual Integrations
APPROVED

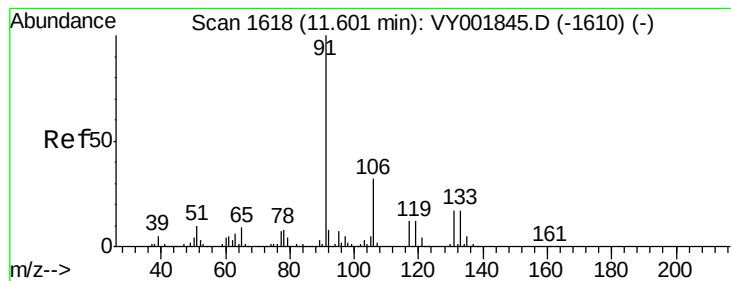
MMDadoda
3/19/2020 11:59:32 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.788 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.1	141.3
119	69.1	34.5	103.6





#67

Ethyl Benzene

Concen: 52.894 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 502346

Ion Ratio Lower Upper

91 100

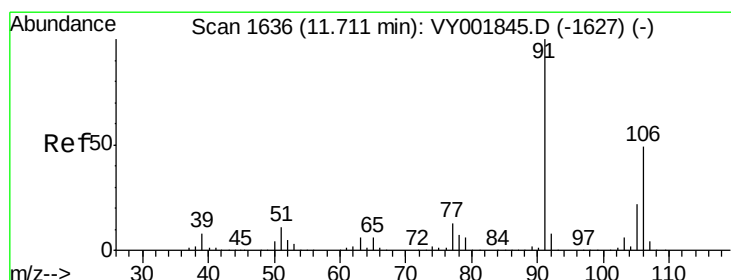
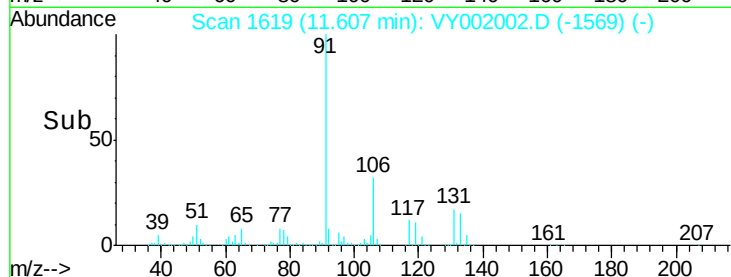
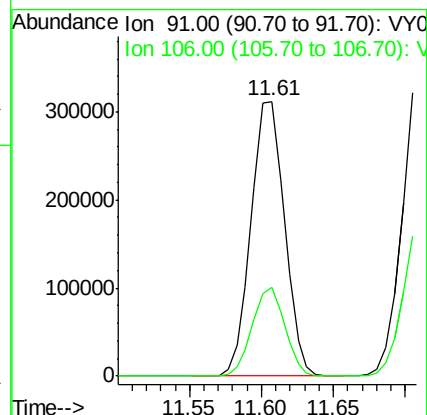
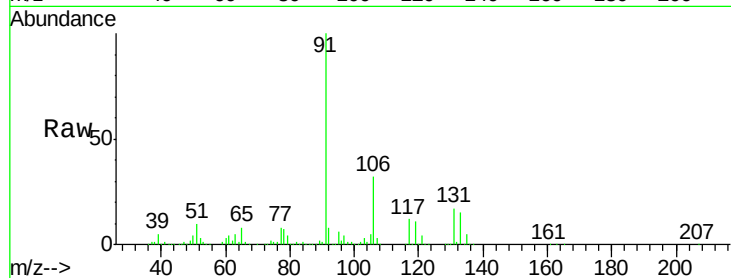
106 32.1 25.4 38.2

Manual Integrations

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MMDadoda

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#68

m/p-Xylenes

Concen: 106.095 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002002.D

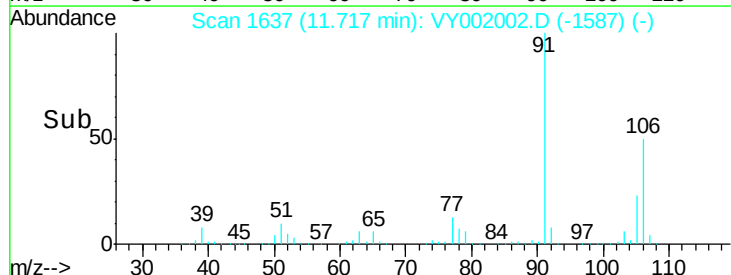
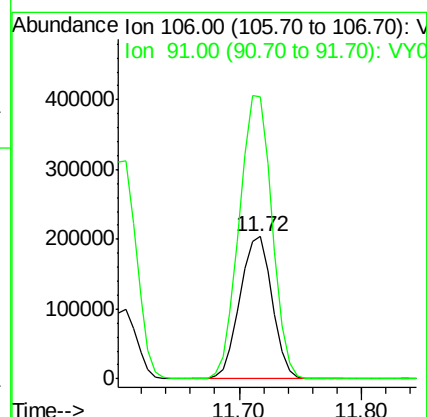
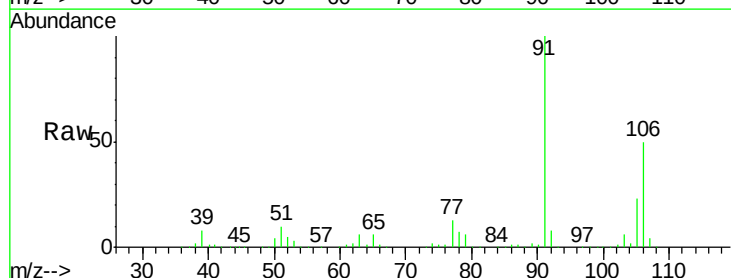
Acq: 18 Mar 2020 10:10

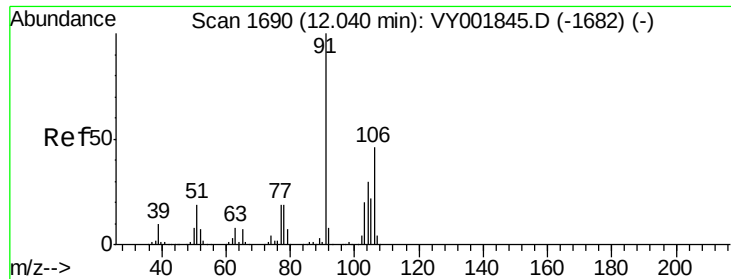
Tgt Ion: 106 Resp: 372524

Ion Ratio Lower Upper

106 100

91 202.3 161.3 241.9





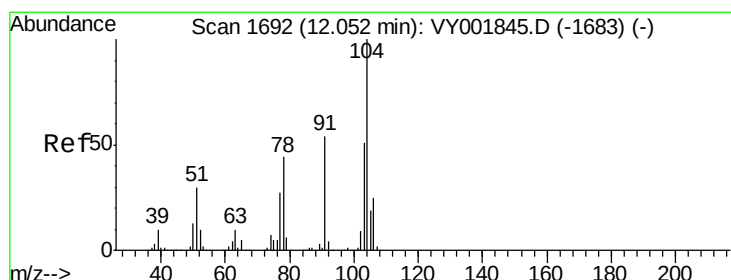
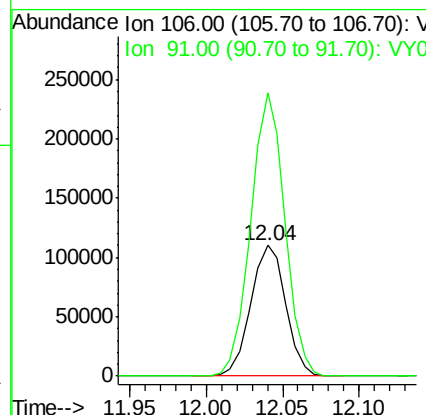
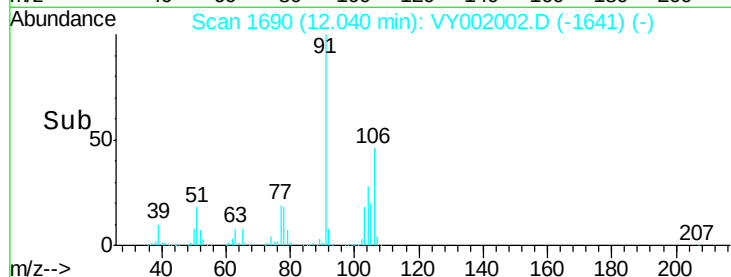
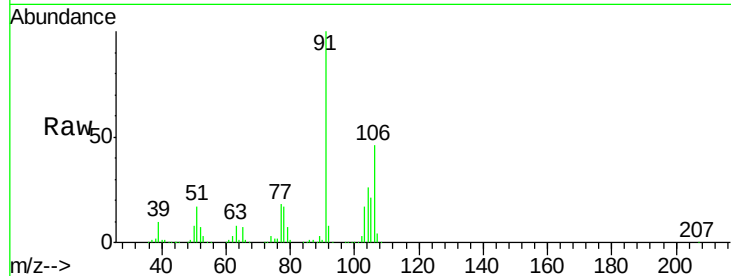
#69
o-Xylene
Concen: 52.834 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	211.3	106.8	320.4		

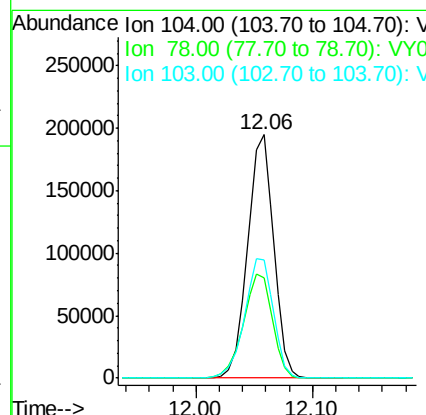
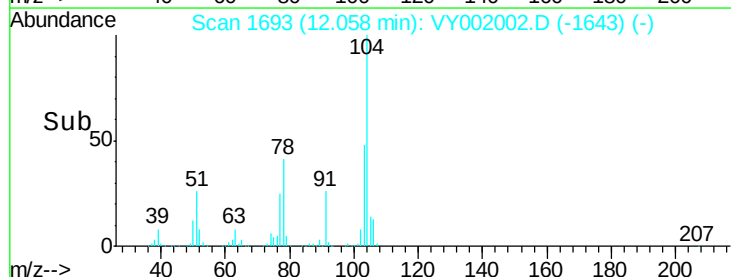
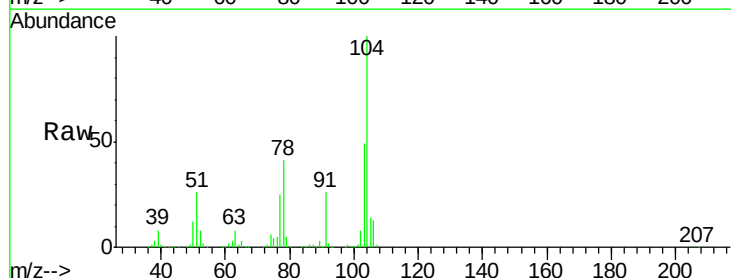
Manual Integrations
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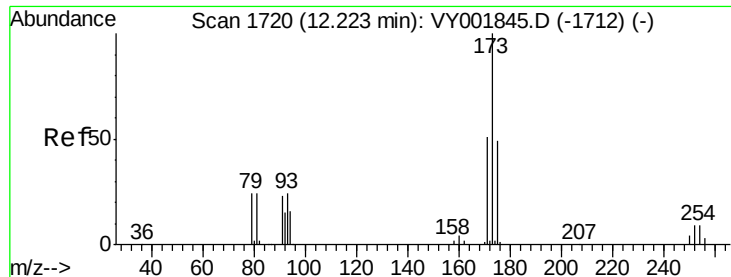
MMDadoda
3/19/2020 11:59:32 AM



#70
Styrene
Concen: 53.855 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.5	38.5	57.7		
103	53.9	42.9	64.3		





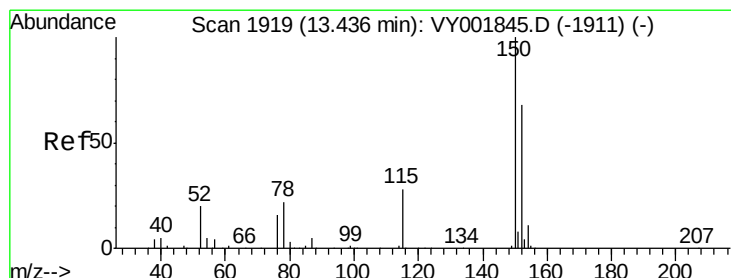
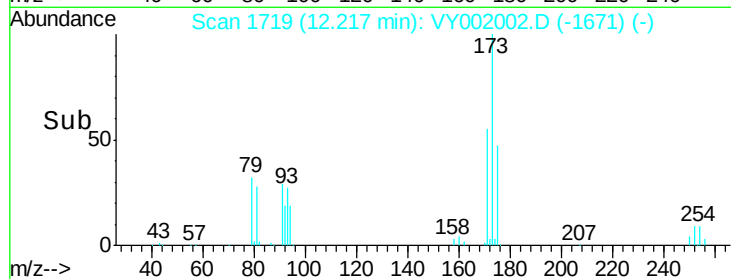
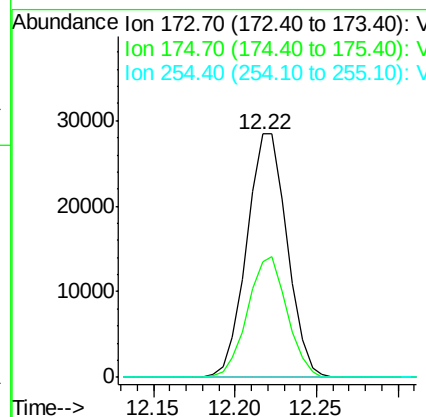
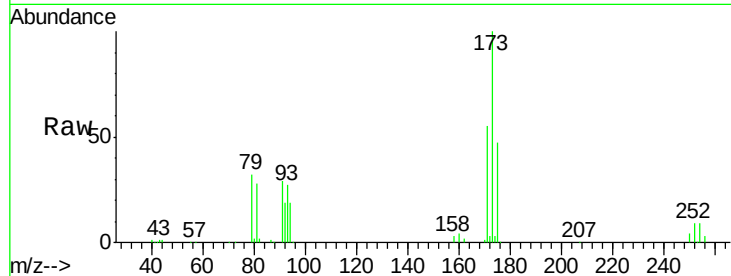
#71
Bromoform
Concen: 54.027 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.0	0.0	0.0

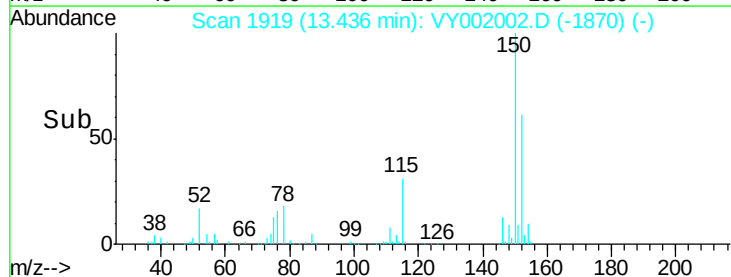
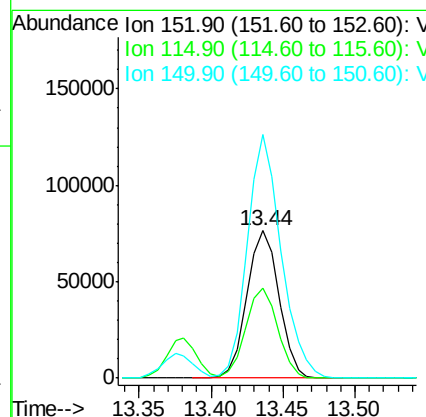
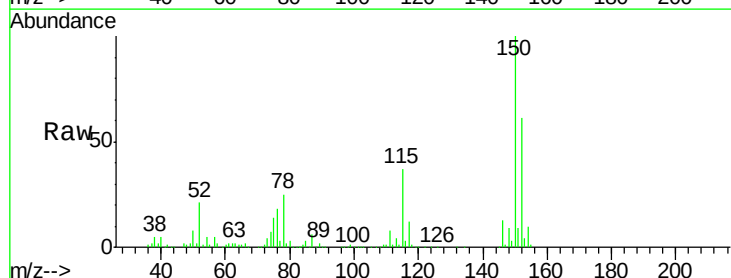
Manual Integrations
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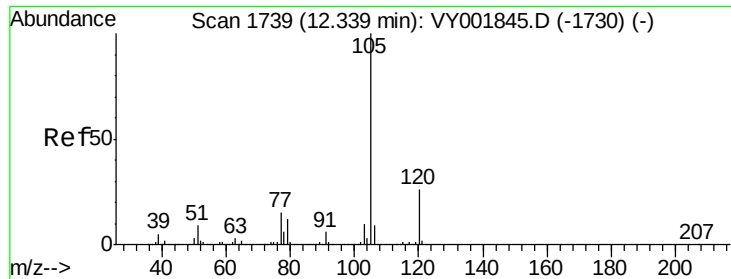
MMDadoda
3/19/2020 11:59:32 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.9	89.7
150	174.7	0.0	340.6





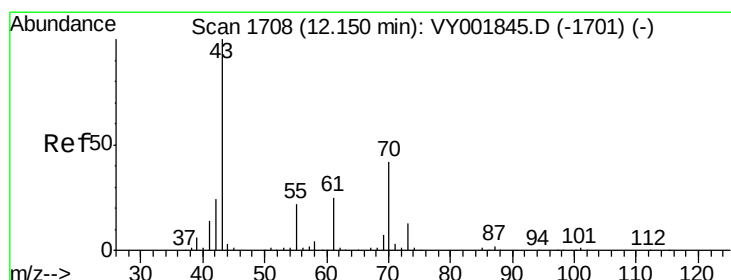
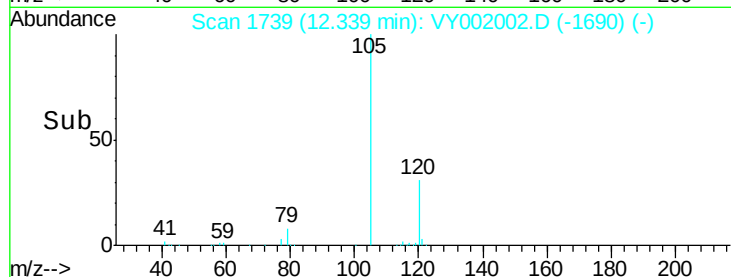
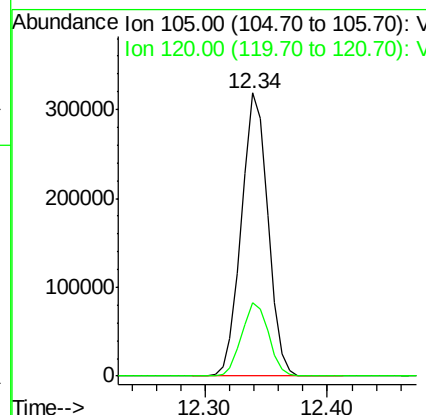
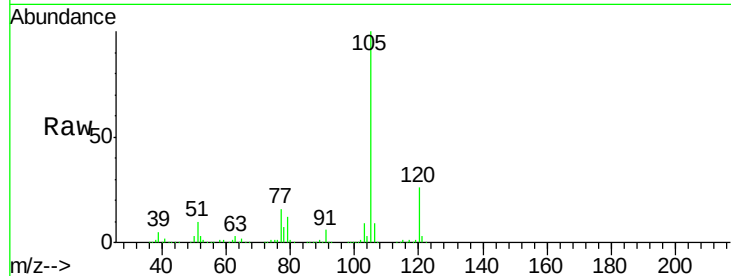
#73
Isopropylbenzene
Concen: 53.180 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

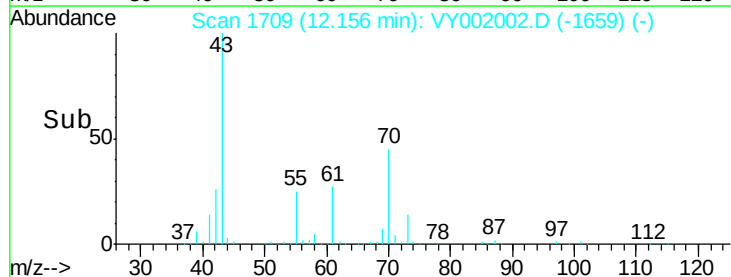
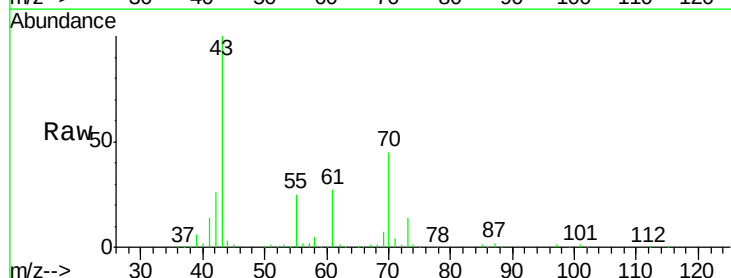
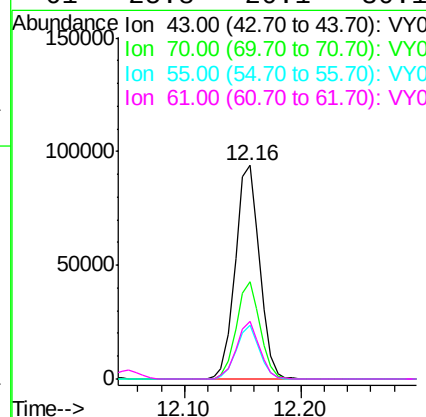
Manual Integrations
APPROVED

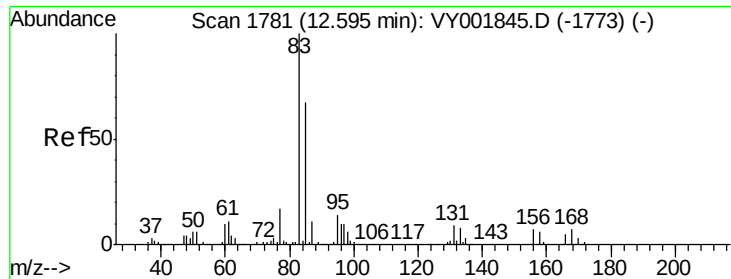
MMDadoda
3/19/2020 11:59:32 AM



#74
N-ethyl acetate
Concen: 49.647 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	34.7	52.1
55	24.1	18.2	27.4
61	25.8	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.609 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

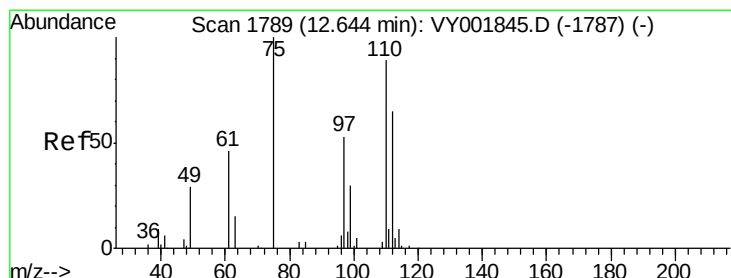
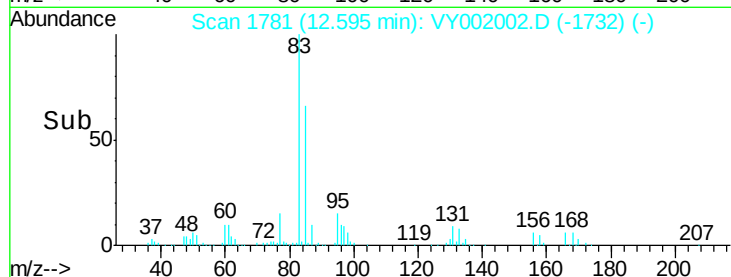
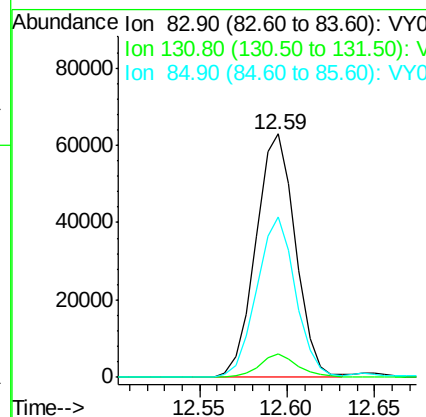
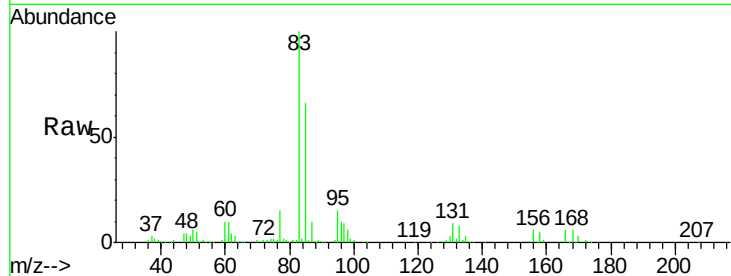
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	99667
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	64.5	32.1	96.3

Manual Integrations
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MMDadoda
3/19/2020 11:59:32 AM



#76

1,2,3-Trichloropropane

Concen: 48.240 ug/l m

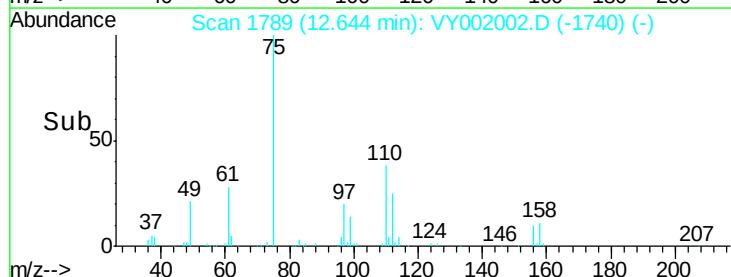
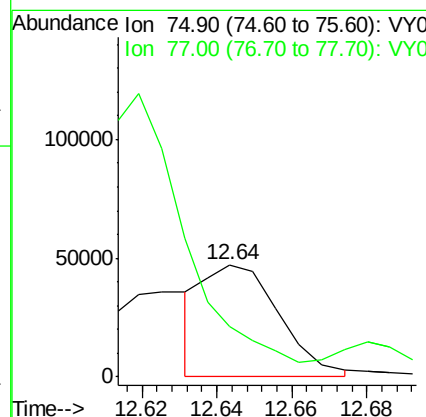
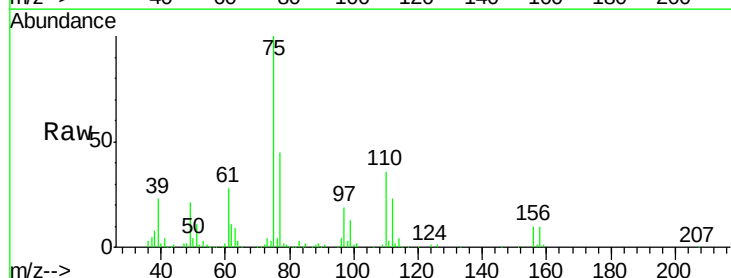
RT: 12.64 min Scan# 1789

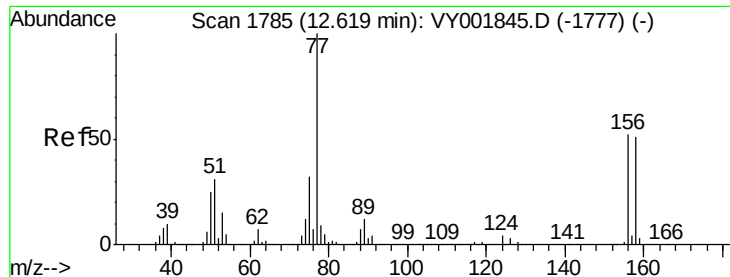
Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Tgt Ion:	75	Resp:	67150
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.757 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 100098

Ion Ratio Lower Upper

156 100

77 210.4 109.0 327.0

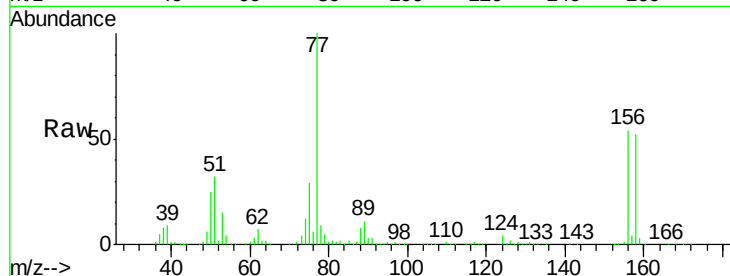
158 97.1 48.9 146.8

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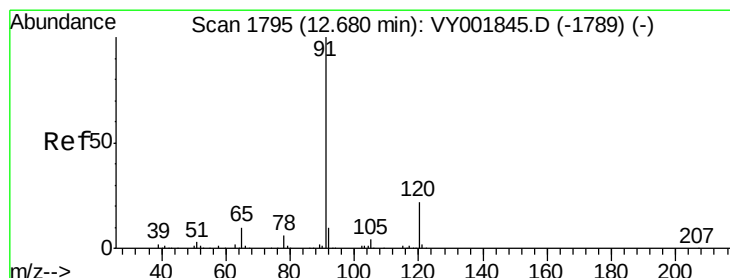
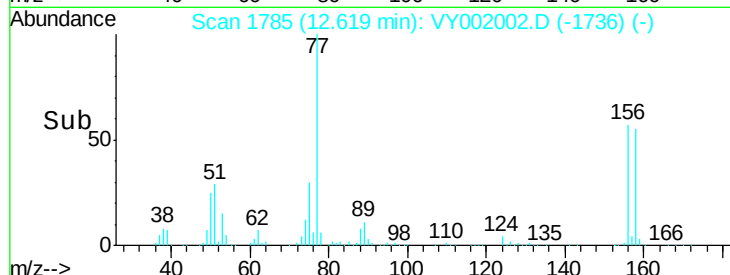
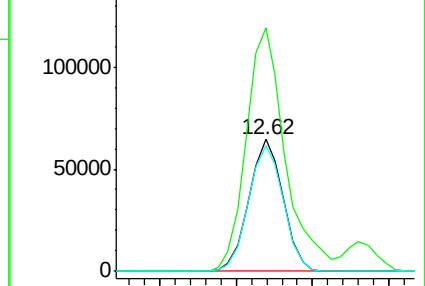
3/19/2020 11:59:32 AM



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: 53.754 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002002.D

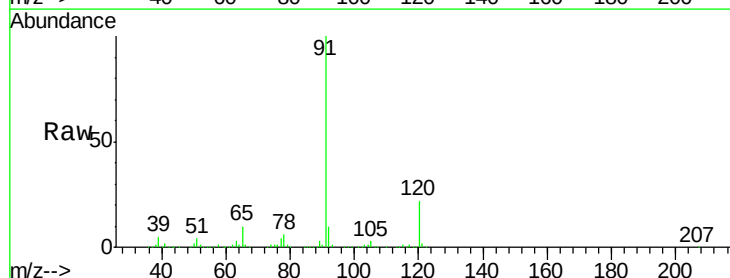
Acq: 18 Mar 2020 10:10

Tgt Ion: 91 Resp: 593884

Ion Ratio Lower Upper

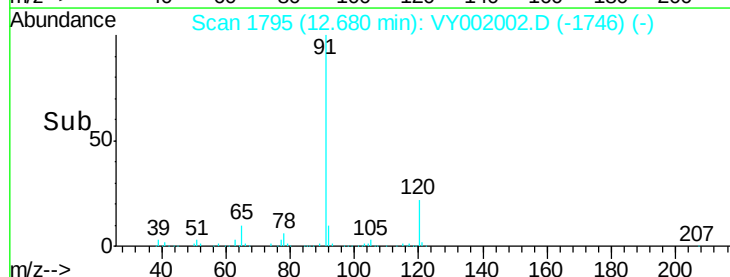
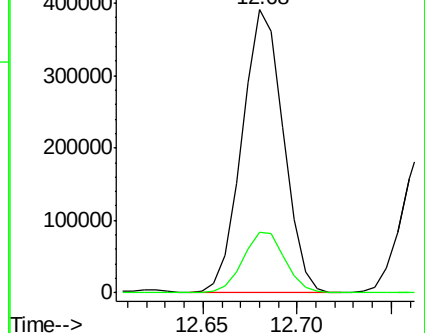
91 100

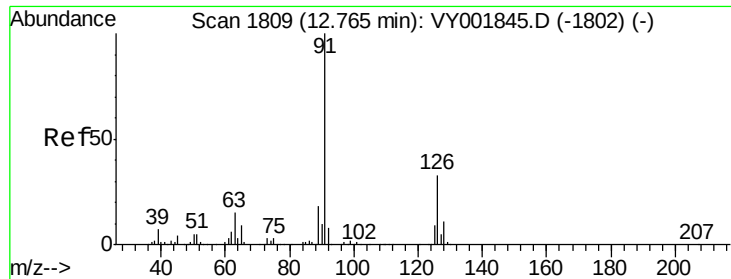
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





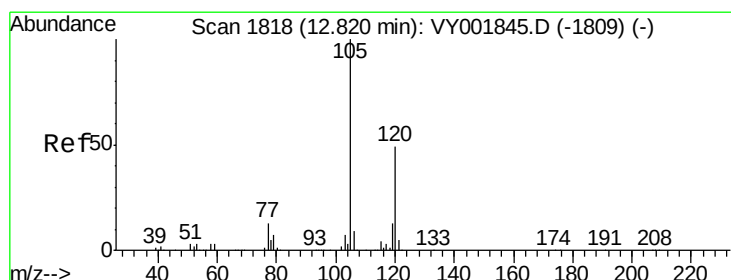
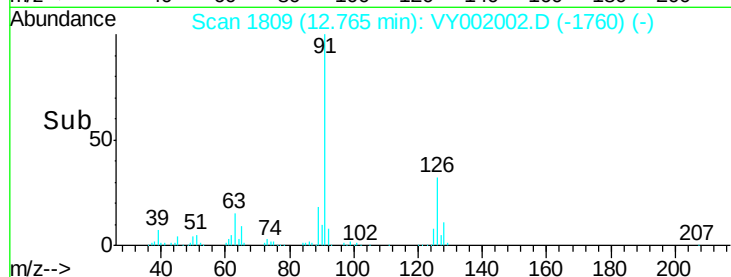
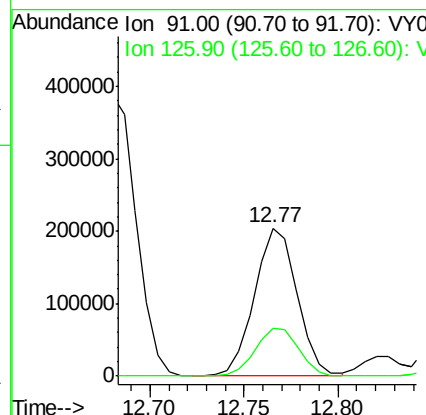
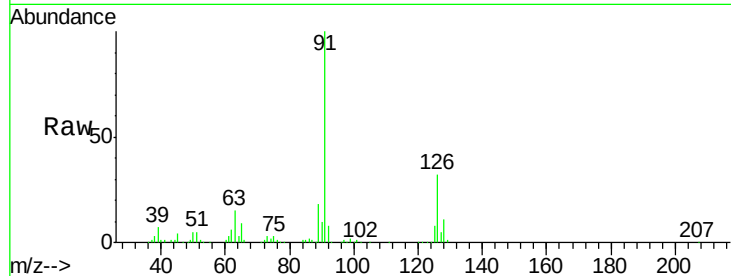
#79
 2-Chlorotoluene
 Concen: 52.523 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 320596
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.3 48.8

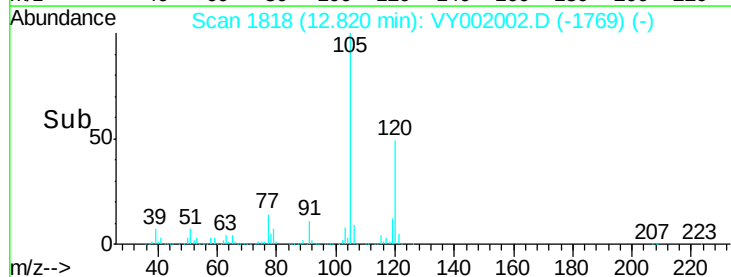
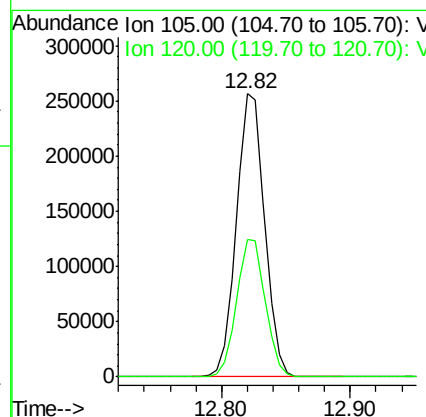
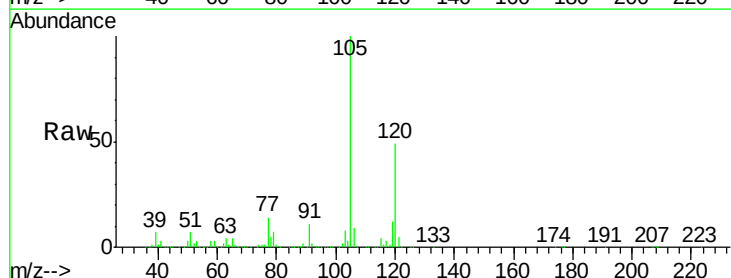
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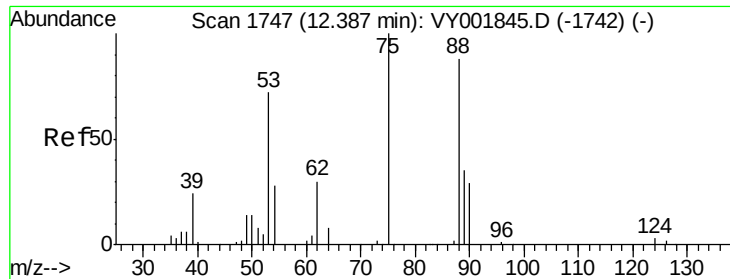
MMDadoda
 3/19/2020 11:59:32 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.980 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion: 105 Resp: 390589
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.255 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Instrument :

MSVOA_Y

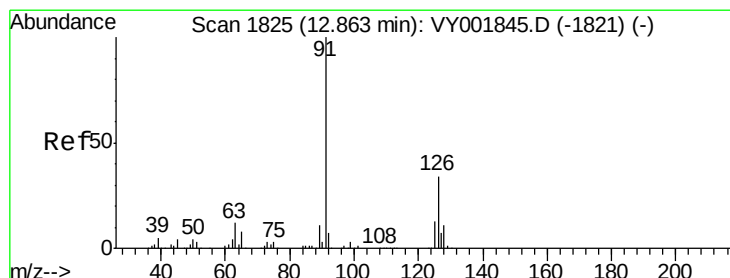
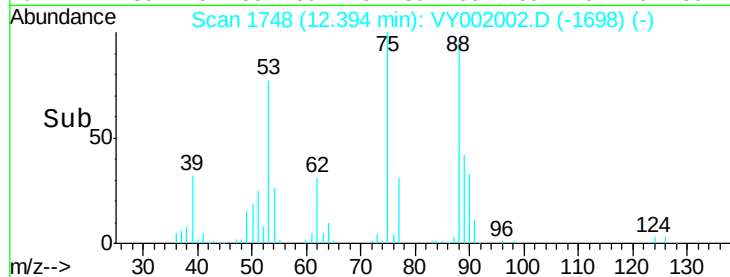
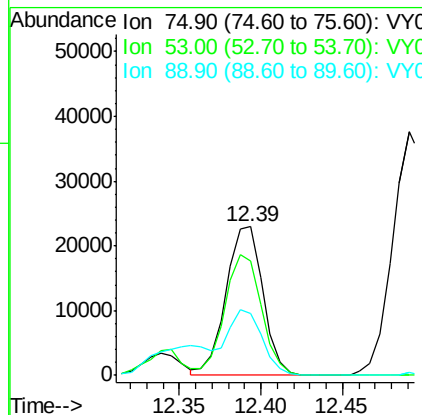
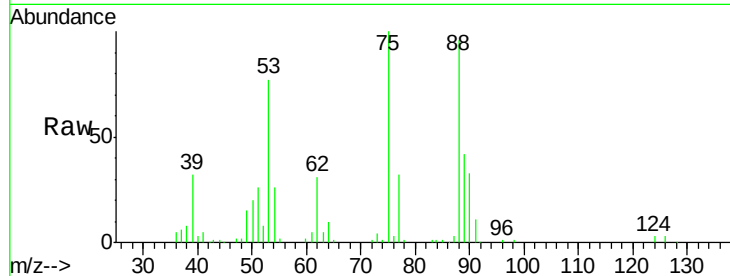
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	36010
Ion	Ratio	Lower	Upper
75	100		
53	82.5	65.4	98.0
89	42.5	36.0	54.0

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#82

4-Chlorotoluene

Concen: 52.755 ug/l

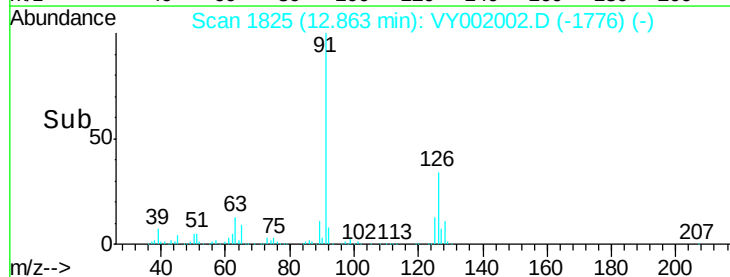
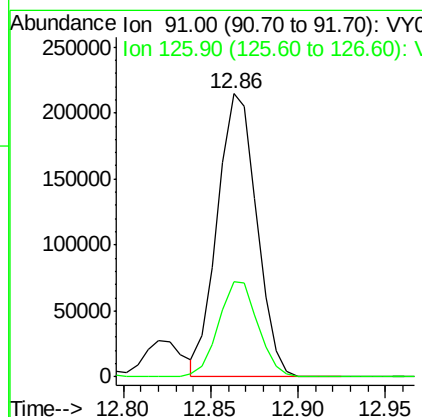
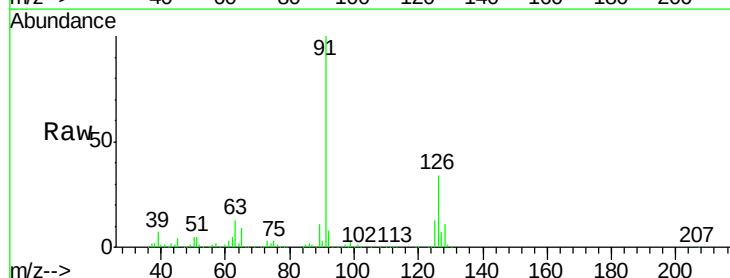
RT: 12.86 min Scan# 1825

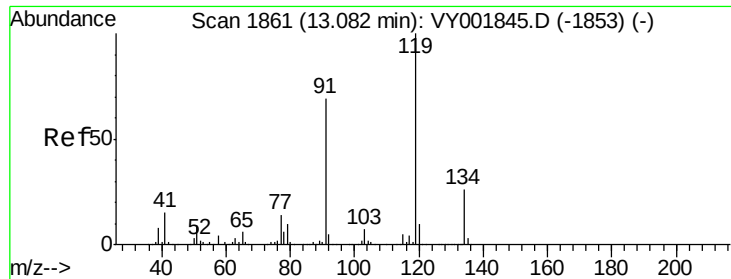
Delta R.T. -0.00 min

Lab File: VY002002.D

Acq: 18 Mar 2020 10:10

Tgt Ion:	91	Resp:	335280
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.4	49.2





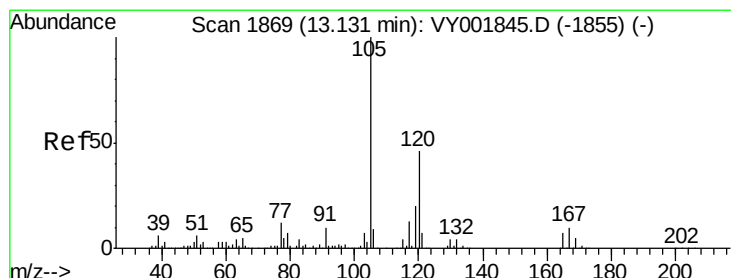
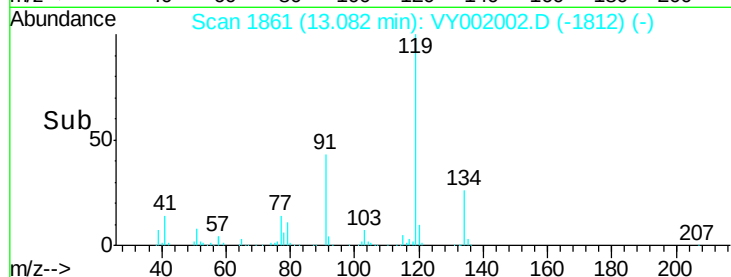
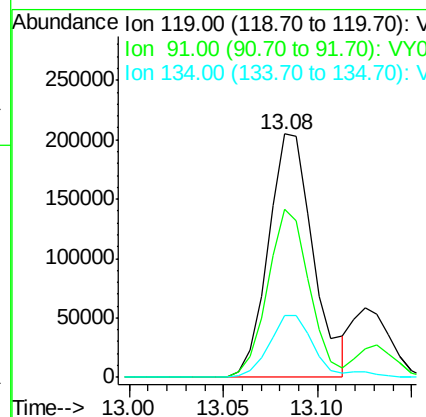
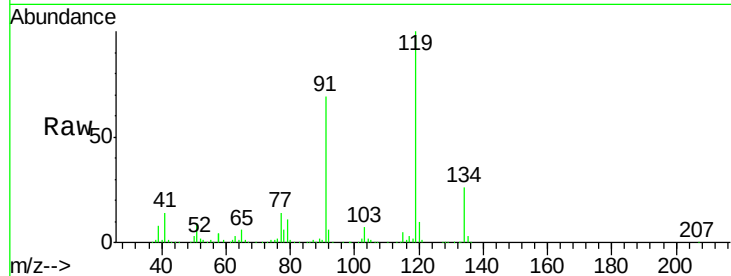
#83
 tert-Butylbenzene
 Concen: 55.099 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	34.0	101.8
134	26.1	13.5	40.4

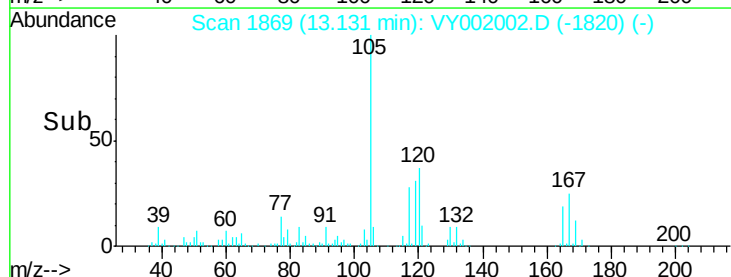
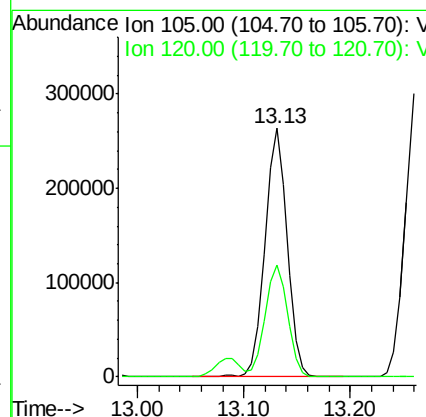
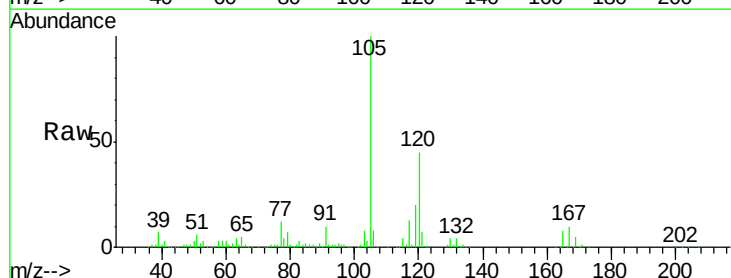
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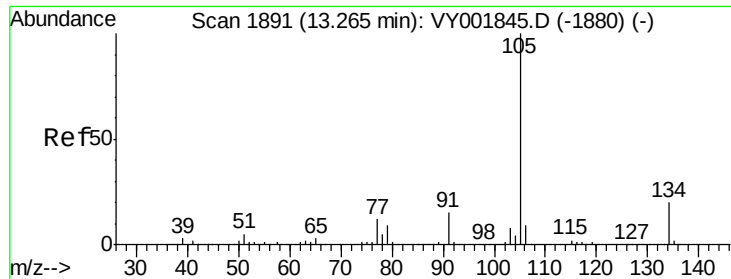
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.725 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.6	67.7





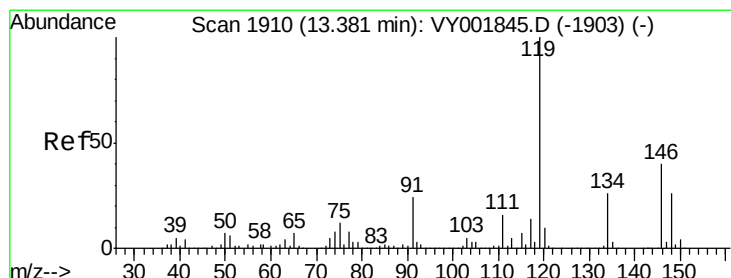
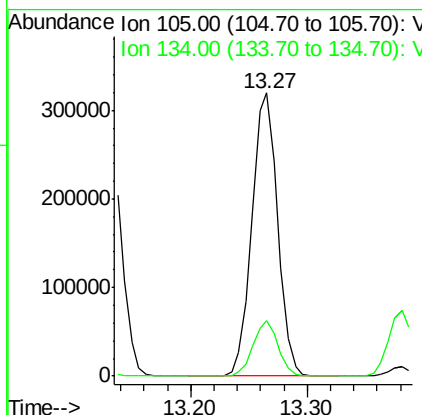
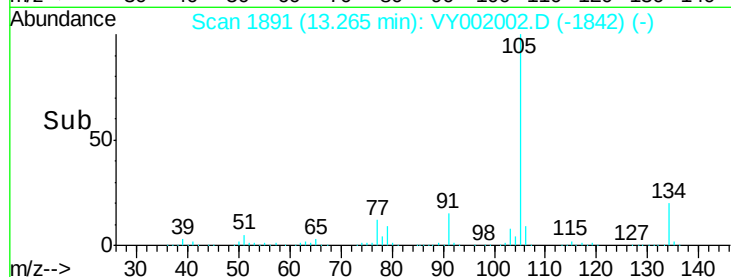
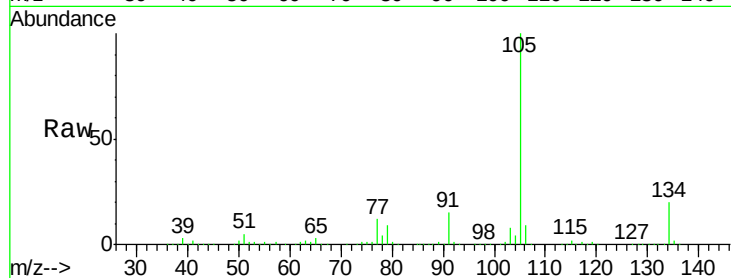
#85
 sec-Butylbenzene
 Concen: 54.289 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1

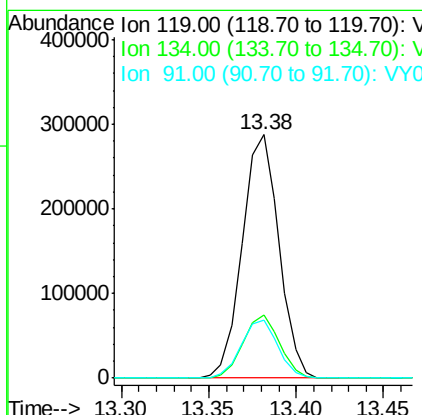
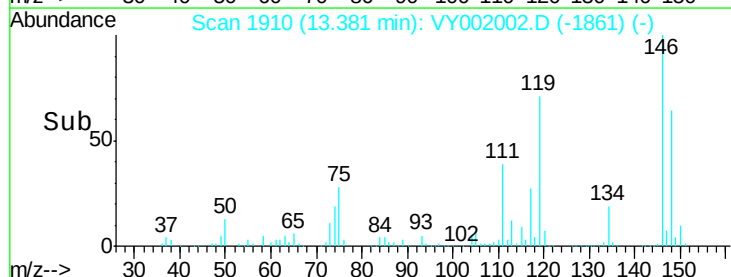
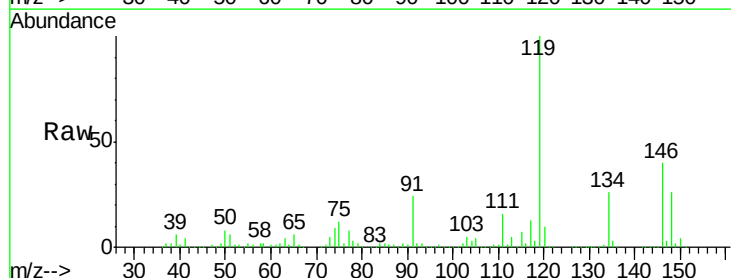
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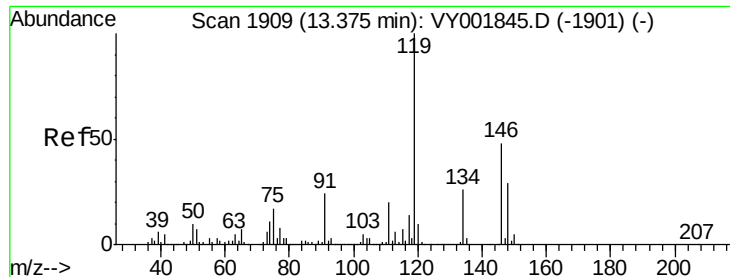
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#86
 p-Isopropyltoluene
 Concen: 53.853 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.8	11.9	35.7





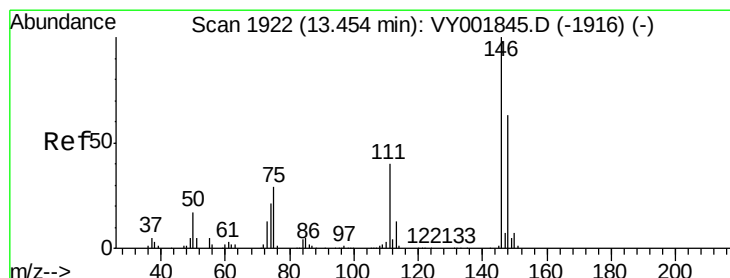
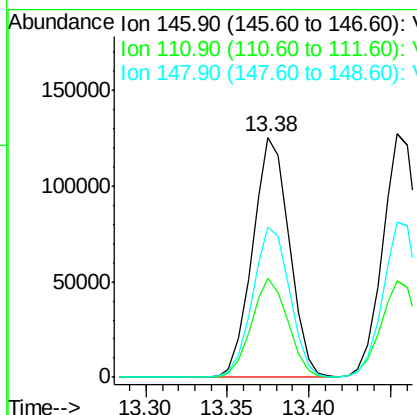
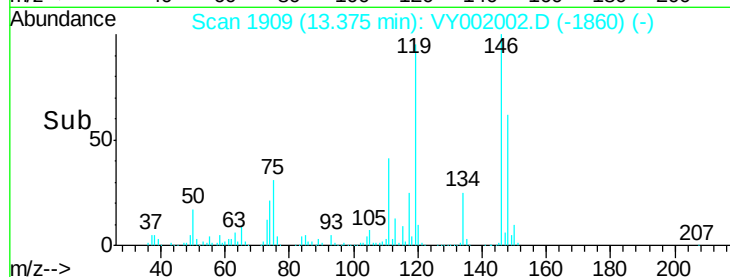
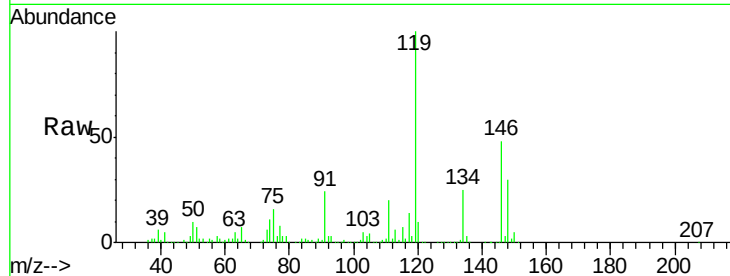
#87
 1,3-Dichlorobenzene
 Concen: 52.689 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	195901		
111	40.8	20.8	62.5	
148	63.0	31.4	94.0	

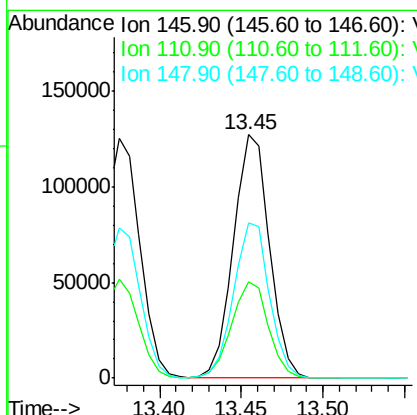
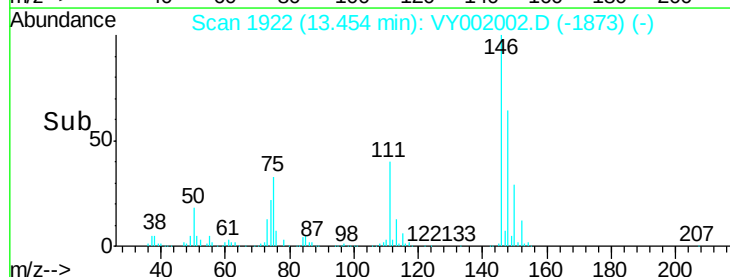
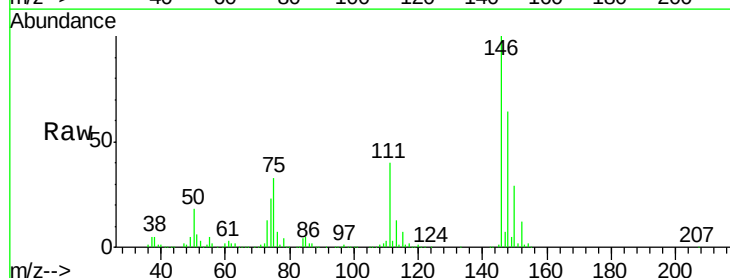
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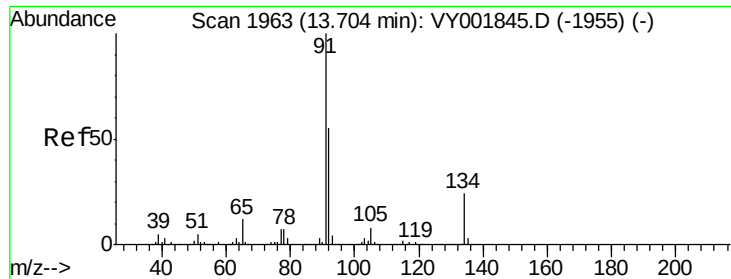
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#88
 1,4-Dichlorobenzene
 Concen: 51.856 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	195596		
111	40.5	20.0	60.0	
148	63.6	31.5	94.5	





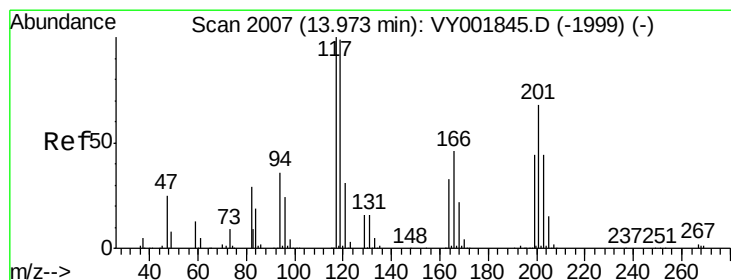
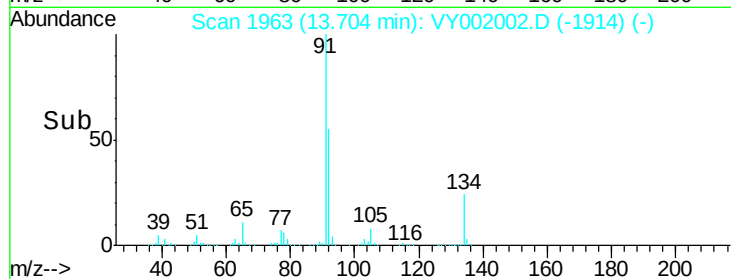
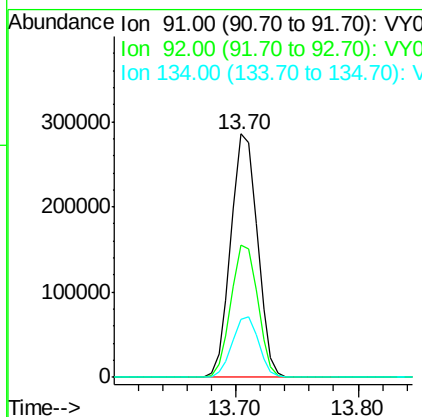
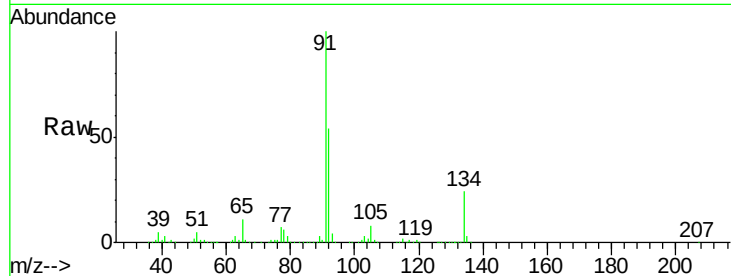
#89
n-Butylbenzene
Concen: 53.159 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	429405		
92	54.7		27.5	82.4
134	24.8		12.5	37.5

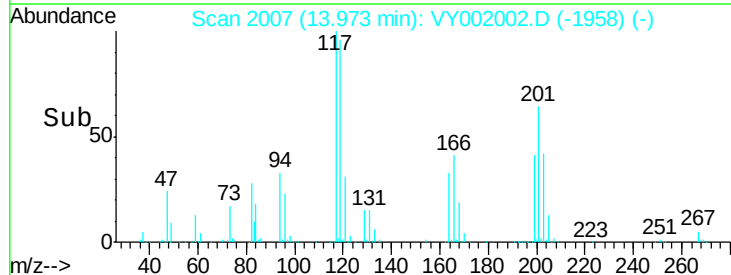
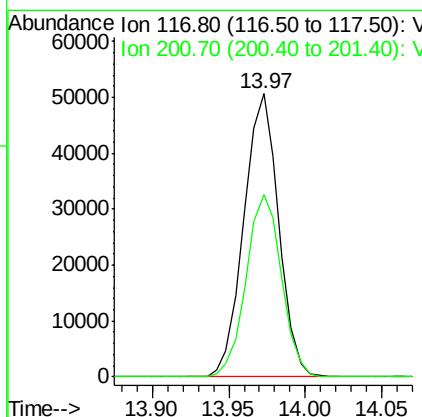
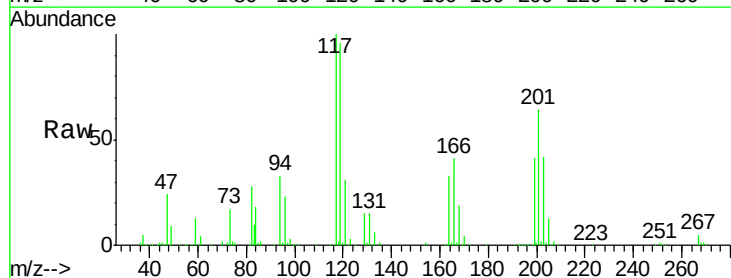
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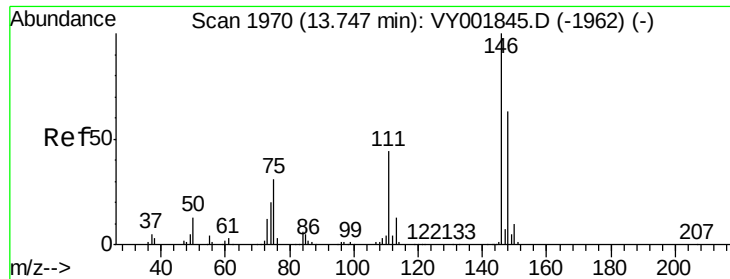
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#90
Hexachloroethane
Concen: 54.418 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	79930		
201	65.4		32.5	97.5





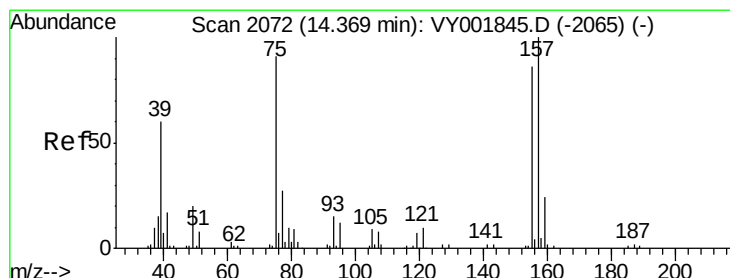
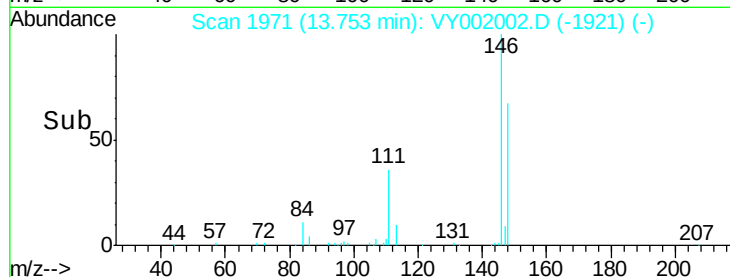
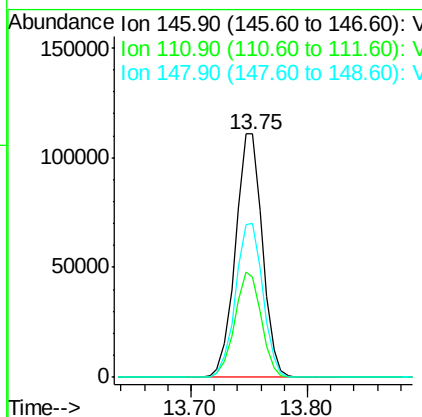
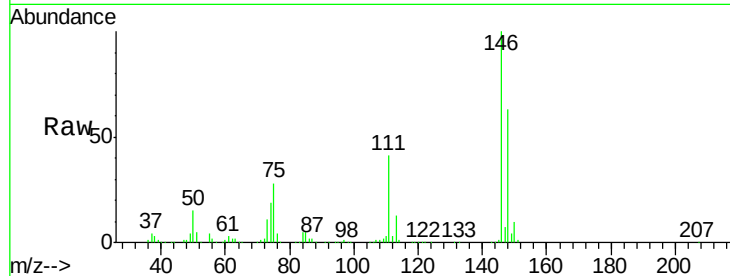
#91
 1,2-Dichlorobenzene
 Concen: 52.810 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.5	64.5
148	64.1	32.0	96.0

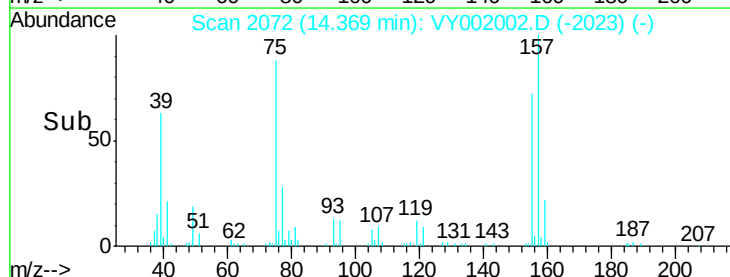
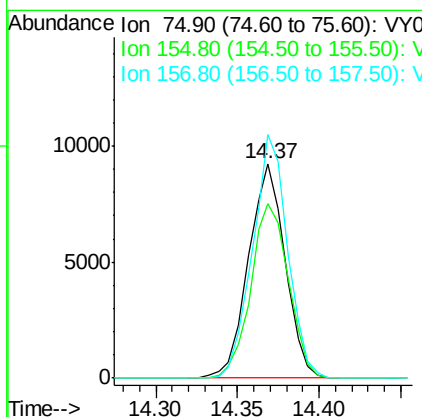
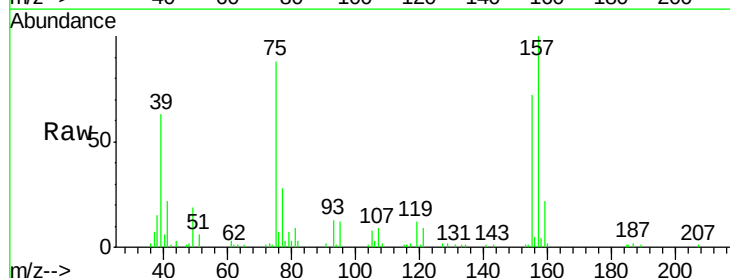
Manual Integrations
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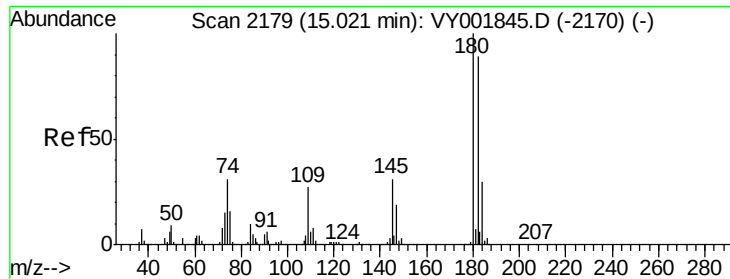
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.732 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	42.9	128.7
157	109.1	53.1	159.4





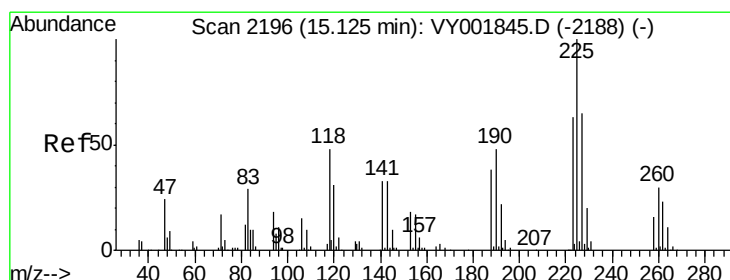
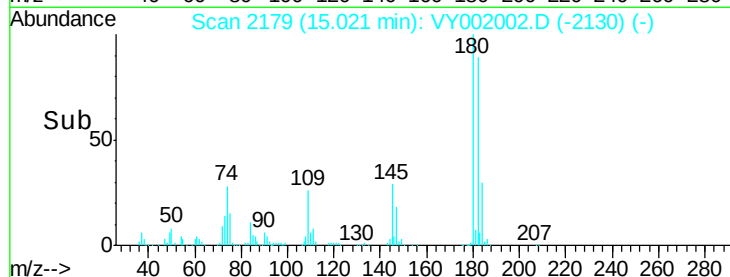
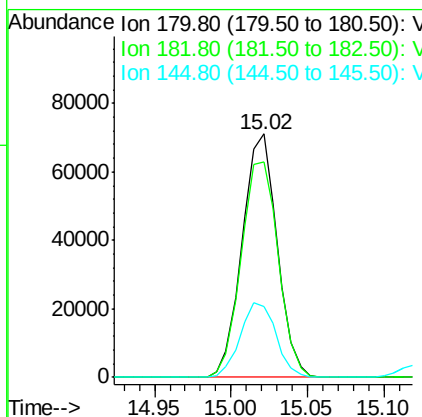
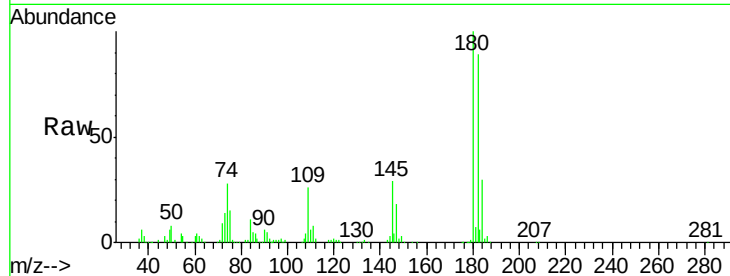
#93
 1,2,4-Trichlorobenzene
 Concen: 51.551 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112923		
182	93.9	46.1	138.3	
145	31.5	15.6	46.8	

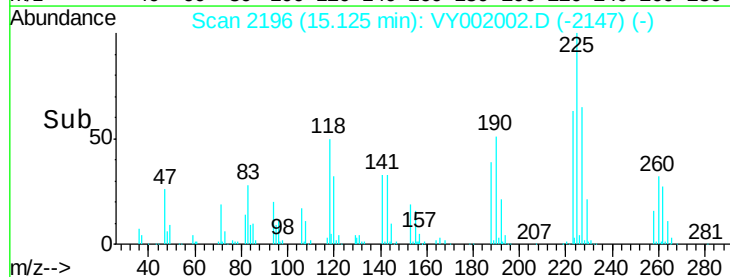
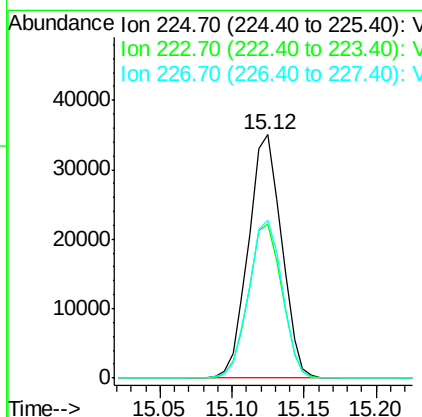
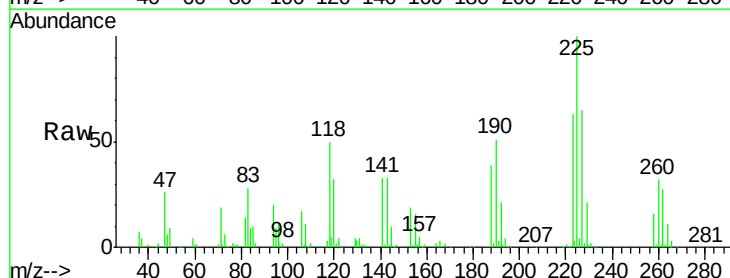
Manual Integrations
 APPROVED

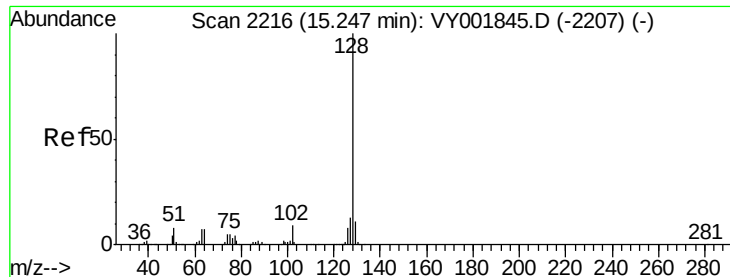
MMDadoda
 3/19/2020 11:59:32 AM



#94
 Hexachlorobutadiene
 Concen: 52.333 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VY002002.D
 Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55890		
223	63.7	31.5	94.5	
227	65.3	31.9	95.5	





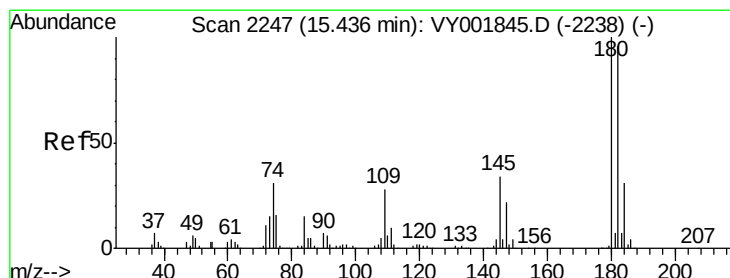
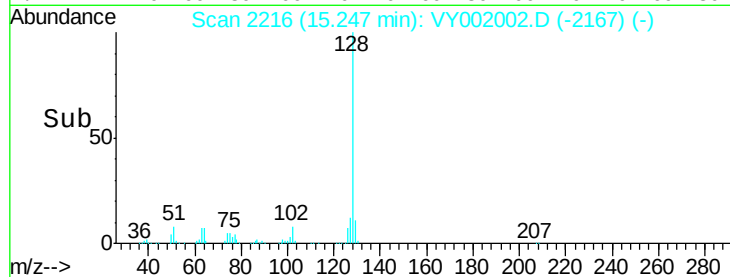
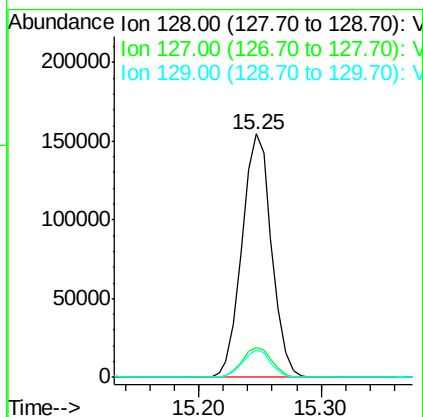
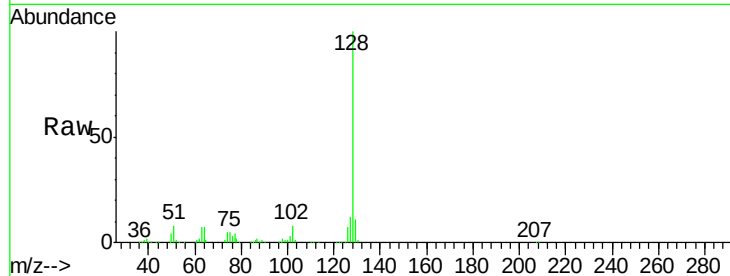
#95
Naphthalene
Concen: 49.672 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/19/2020 11:59:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.493 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY002002.D
Acq: 18 Mar 2020 10:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.9
145	33.9	16.8	50.3

