

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001904.D
 Acq On : 09 Mar 2020 11:51
 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
 3/10/2020 2:56:52 PM

Quant Time: Mar 10 11:58:51 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	7.80	168	182934	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	330165	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	290383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	131308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	93833	48.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	7.74	113	91750	50.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.19	98	383569	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.49	95	130987	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	80606	47.735	ug/l	98
3) Chloromethane	2.12	50	113506	49.857	ug/l	98
4) Vinyl Chloride	2.26	62	119172	51.462	ug/l	99
5) Bromomethane	2.66	94	75550	56.634	ug/l	97
6) Chloroethane	2.80	64	73080	50.238	ug/l	97
7) Trichlorofluoromethane	3.14	101	158491	50.465	ug/l	94
8) Diethyl Ether	3.54	74	61145	49.398	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	106434	52.691	ug/l	100
10) Methyl Iodide	4.10	142	128665	55.079	ug/l	99
11) Tert butyl alcohol	4.98	59	45145	219.368	ug/l	99
12) 1,1-Dichloroethene	3.88	96	106944	52.581	ug/l	99
13) Acrolein	3.74	56	66653	242.874	ug/l	95
14) Allyl chloride	4.49	41	183251	50.822	ug/l	99
15) Acrylonitrile	5.18	53	154905	234.196	ug/l	100
16) Acetone	3.96	43	165568	291.076	ug/l	96
17) Carbon Disulfide	4.21	76	352883	51.612	ug/l	100
18) Methyl Acetate	4.49	43	65908	45.095	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	272843	49.502	ug/l	98
20) Methylene Chloride	4.73	84	119083	48.848	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	120577	52.231	ug/l	99
22) Diisopropyl ether	6.14	45	367039	49.660	ug/l	91
23) Vinyl Acetate	6.08	43	1175505	242.605	ug/l	98
24) 1,1-Dichloroethane	6.04	63	206070	51.485	ug/l	99
25) 2-Butanone	7.00	43	218709	252.840	ug/l	98
26) 2,2-Dichloropropane	7.00	77	173204	52.724	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	129900	51.729	ug/l	99
28) Bromochloromethane	7.35	49	85176	47.213	ug/l	97
29) Tetrahydrofuran	7.36	42	128159	223.109	ug/l	98
30) Chloroform	7.52	83	191771	50.997	ug/l	100
31) Cyclohexane	7.80	56	212283	49.466	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	164873	52.019	ug/l	100
36) 1,1-Dichloropropene	7.93	75	167658	52.769	ug/l	100
37) Ethyl Acetate	7.09	43	85657	46.387	ug/l	99
38) Carbon Tetrachloride	7.91	117	143735	52.958	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	222529	52.807	ug/l	99
40) Benzene	8.17	78	487298	51.746	ug/l	99
41) Methacrylonitrile	7.33	41	42428m	51.054	ug/l	
42) 1,2-Dichloroethane	8.25	62	120741	49.756	ug/l	99
43) Isopropyl Acetate	8.28	43	163753	46.839	ug/l	98
44) Trichloroethene	8.95	130	119160	51.956	ug/l	99
45) 1,2-Dichloropropane	9.22	63	122313	51.667	ug/l	97
46) Dibromomethane	9.31	93	60268	49.402	ug/l	99
47) Bromodichloromethane	9.50	83	147866	52.105	ug/l	100
48) Methyl methacrylate	9.30	41	75343	48.567	ug/l	96
49) 1,4-Dioxane	9.31	88	15065	901.225	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	424800	235.902	ug/l	98
52) Toluene	10.25	92	301111	52.635	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	161028	52.083	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	189755	51.556	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	88915	49.802	ug/l	98
56) Ethyl methacrylate	10.52	69	130624	49.916	ug/l	99
57) 1,3-Dichloropropane	10.80	76	158444	49.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	196747	209.914	ug/l	99
59) 2-Hexanone	10.84	43	315510	245.478	ug/l	99
60) Dibromochloromethane	10.99	129	97895	52.036	ug/l	100
61) 1,2-Dibromoethane	11.10	107	85686	50.666	ug/l	98
64) Tetrachloroethene	10.72	164	95248	52.304	ug/l	97
65) Chlorobenzene	11.52	112	302796	52.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	100945	53.201	ug/l	99
67) Ethyl Benzene	11.60	91	569088	52.738	ug/l	98
68) m/p-Xylenes	11.70	106	428612	107.435	ug/l	99
69) o-Xylene	12.03	106	198189	52.707	ug/l	99
70) Styrene	12.05	104	347023	53.884	ug/l	100
71) Bromoform	12.21	173	54268	52.739	ug/l #	99
73) Isopropylbenzene	12.33	105	544917	54.363	ug/l	100
74) N-amyl acetate	12.15	43	148758	48.287	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	110102	50.936	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	73111m	46.924	ug/l	
77) Bromobenzene	12.61	156	112905	53.164	ug/l	96
78) n-propylbenzene	12.67	91	670767	54.241	ug/l	100
79) 2-Chlorotoluene	12.76	91	367083	53.729	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	449381	54.458	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	40127	52.023	ug/l	98
82) 4-Chlorotoluene	12.86	91	380837	53.536	ug/l	99
83) tert-Butylbenzene	13.08	119	384230	56.060	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	444398	54.266	ug/l	99
85) sec-Butylbenzene	13.26	105	554443	54.882	ug/l	99
86) p-Isopropyltoluene	13.38	119	479205	54.988	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	219628	52.775	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	219474	51.985	ug/l	99
89) n-Butylbenzene	13.70	91	487602	53.929	ug/l	99
90) Hexachloroethane	13.97	117	91366	55.574	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	199601	52.794	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16558	49.089	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	127617	52.049	ug/l	97
94) Hexachlorobutadiene	15.12	225	64157	53.670	ug/l	99
95) Naphthalene	15.24	128	291801	50.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	110360	51.094	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 182934

Ion Ratio Lower Upper

168 100

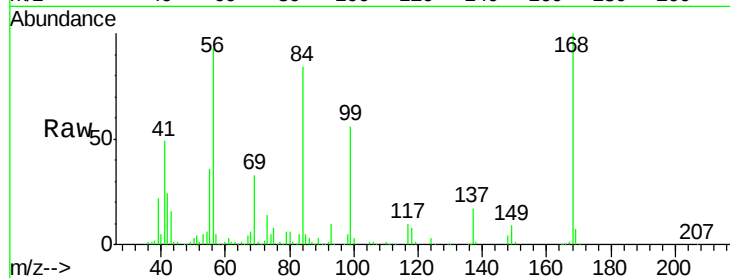
99 56.5 46.7 70.1

Manual Integrations

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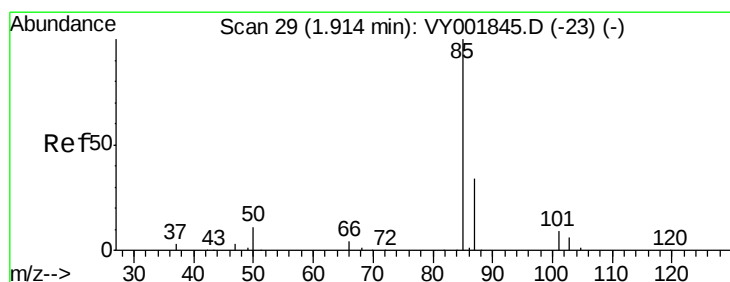
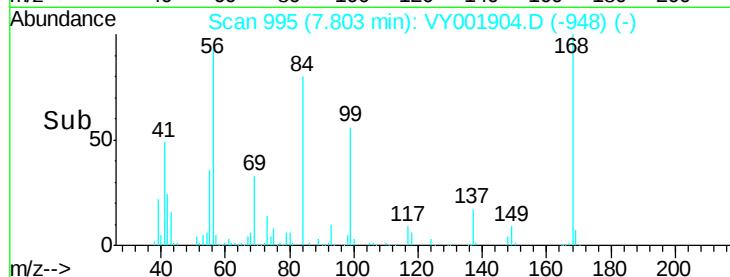
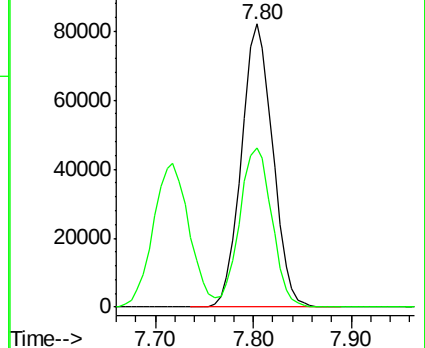
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Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 47.735 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001904.D

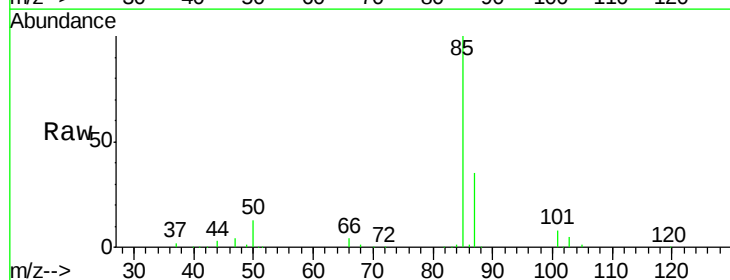
Acq: 09 Mar 2020 11:51

Tgt Ion: 85 Resp: 80606

Ion Ratio Lower Upper

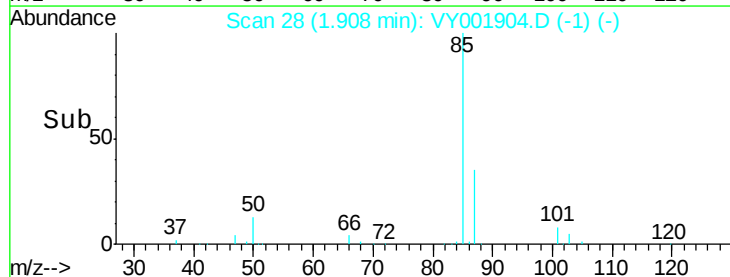
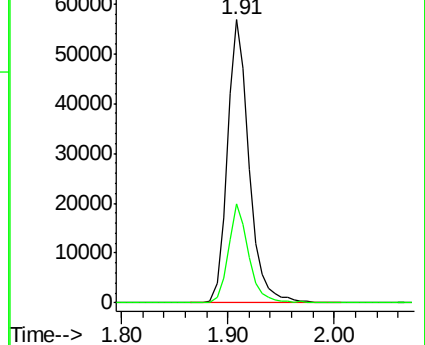
85 100

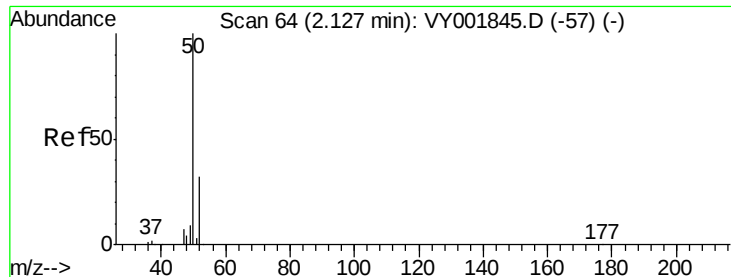
87 34.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 49.857 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Tot Ion: 50 Resp: 113506

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.6

Instrument :

MSVOA_Y

ClientSampleId :

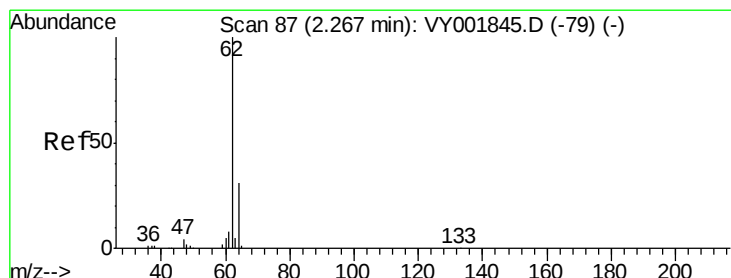
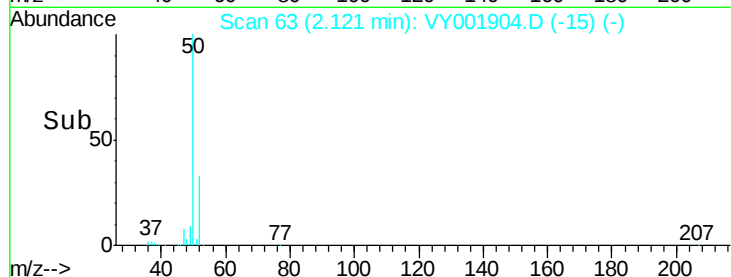
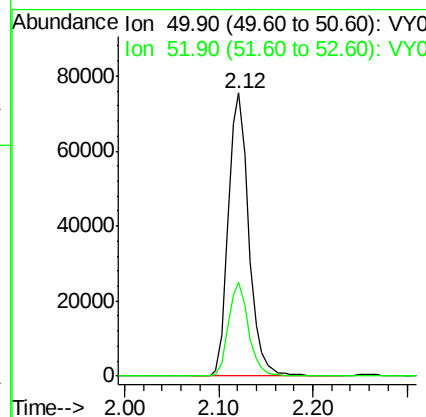
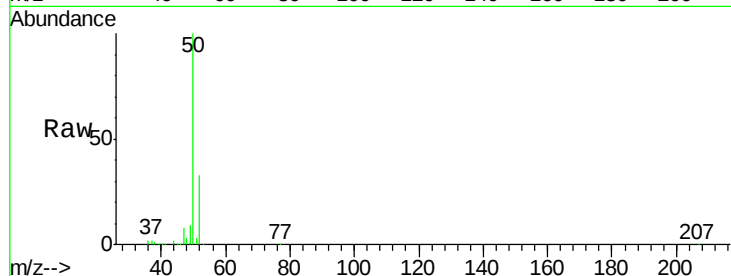
VSTDCCC050

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.462 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001904.D

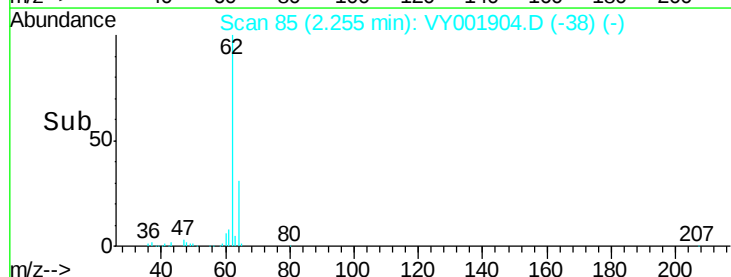
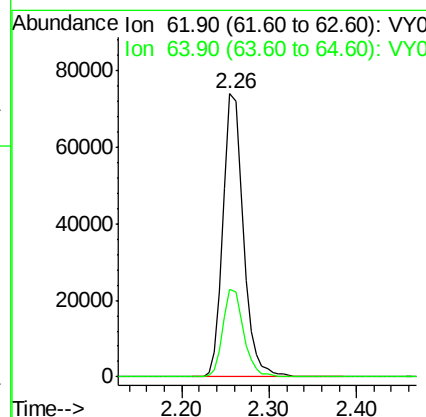
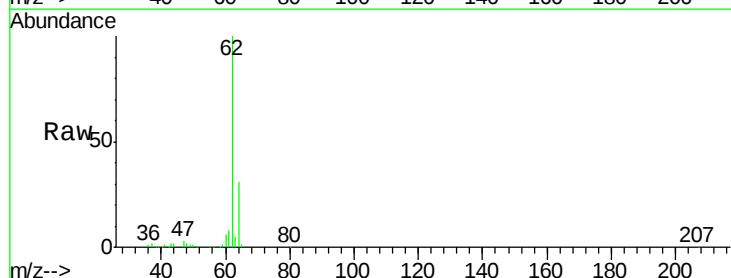
Acq: 09 Mar 2020 11:51

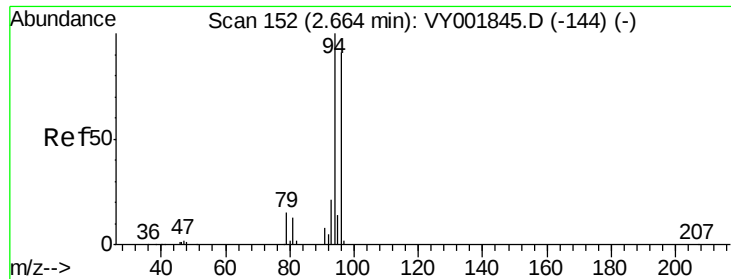
Tgt Ion: 62 Resp: 119172

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7





#5

Bromomethane

Concen: 56.634 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 75550

Ion Ratio Lower Upper

94 100

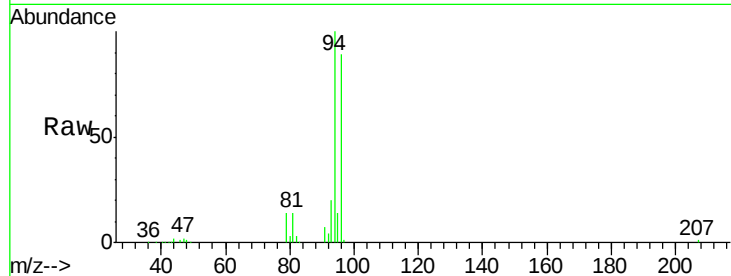
96 89.0 73.2 109.8

Manual Integrations

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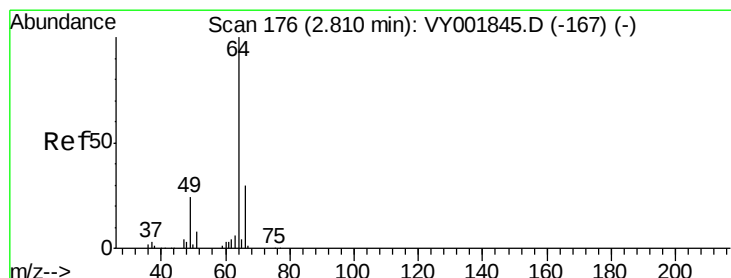
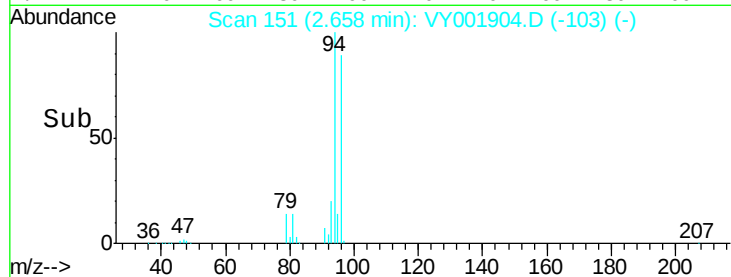
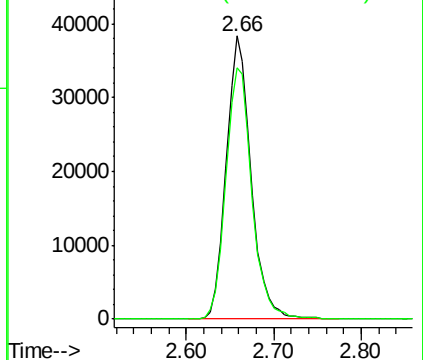
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.238 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001904.D

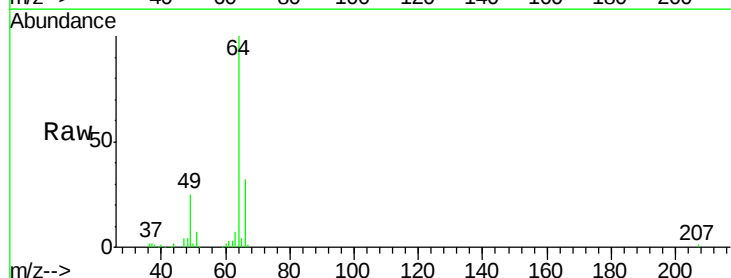
Acq: 09 Mar 2020 11:51

Tgt Ion: 64 Resp: 73080

Ion Ratio Lower Upper

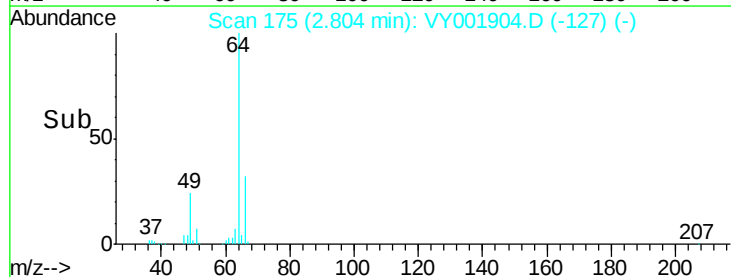
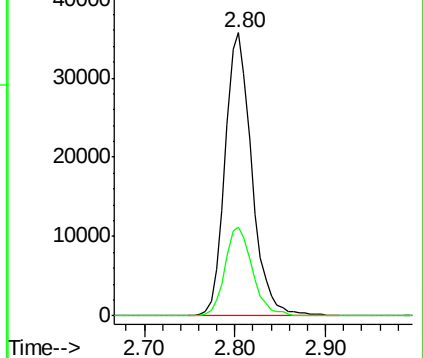
64 100

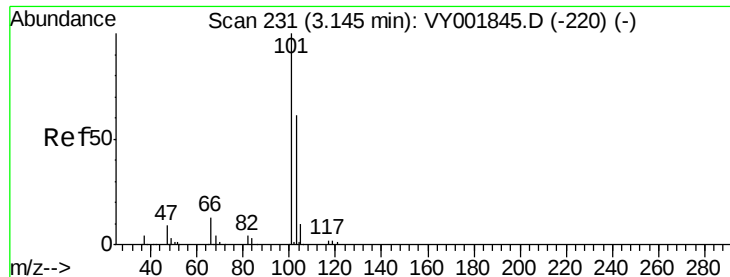
66 31.5 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

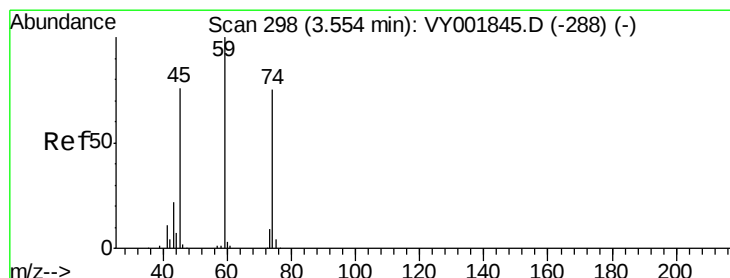
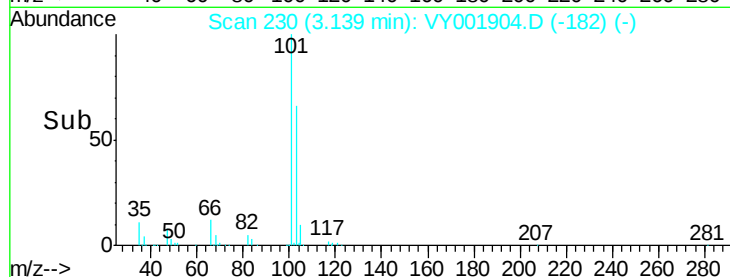
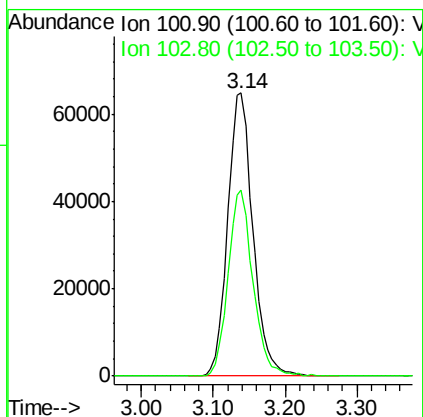
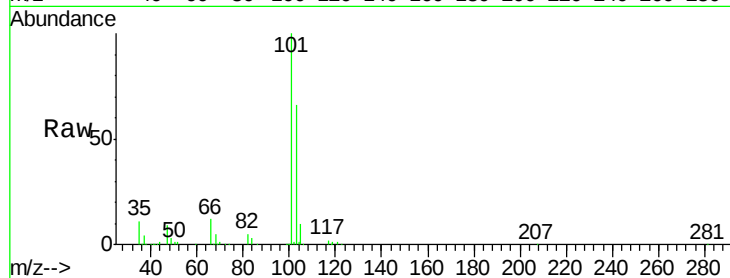
Trichlorofluoromethane
Concen: 50.465 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001904.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	158491		
103	65.9	49.1	73.7	

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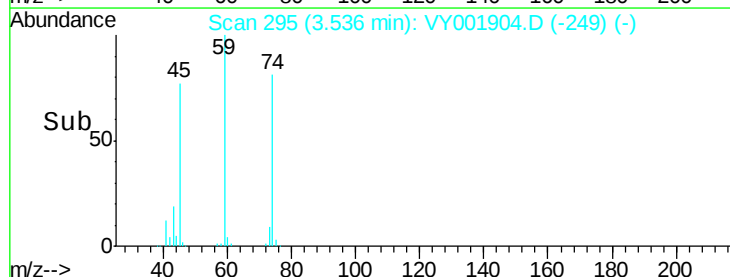
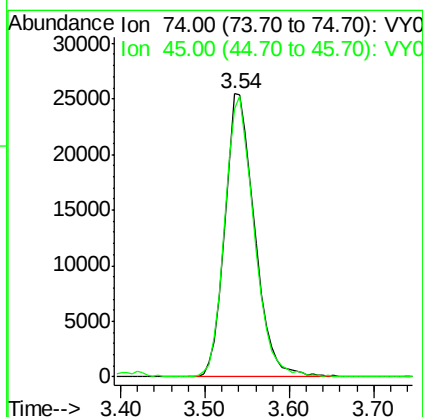
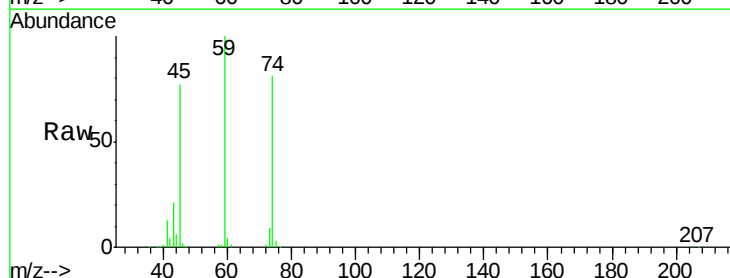
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#8

Diethyl Ether
Concen: 49.398 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.02 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	61145		
45	98.5	50.5	151.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.691 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001904.D

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MSVOA_Y

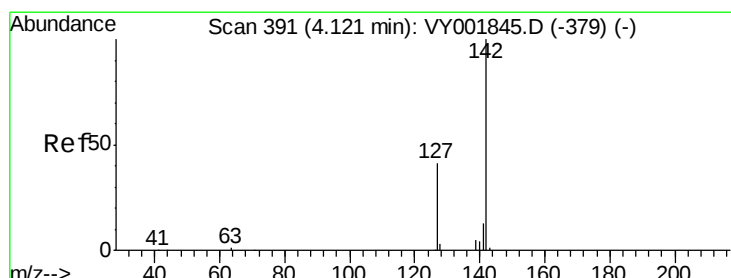
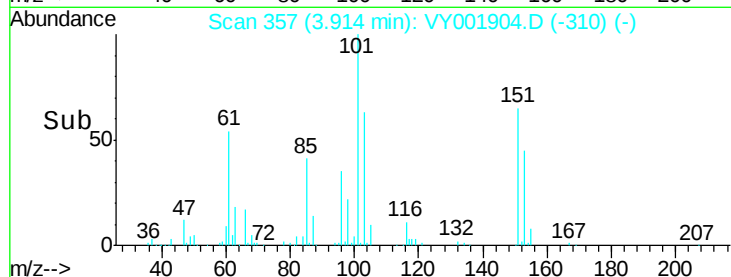
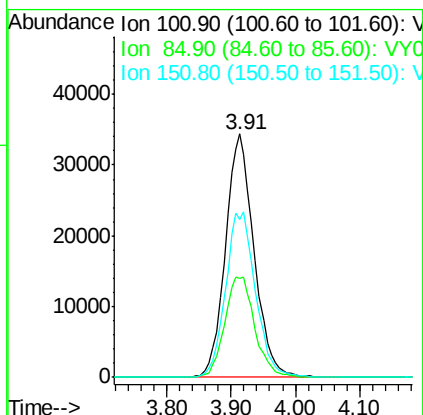
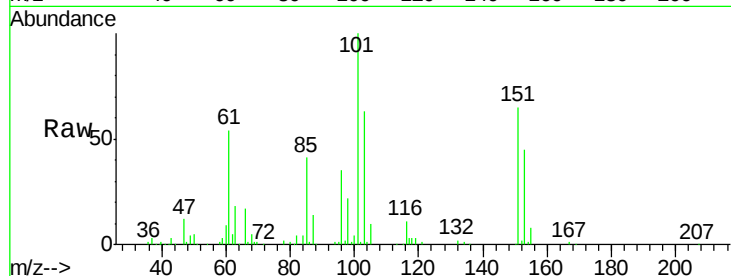
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	106434
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.3	52.9
151	71.4	57.0	85.4

Manual Integrations
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#10

Methyl Iodide

Concen: 55.079 ug/l

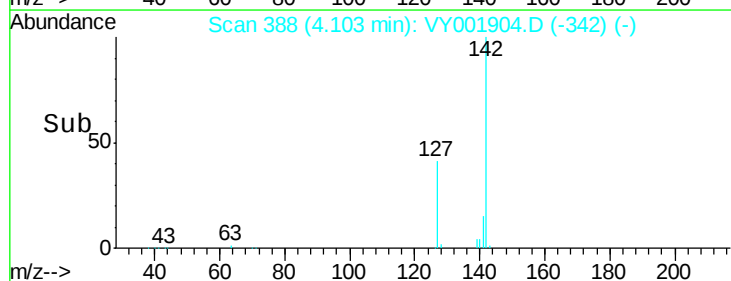
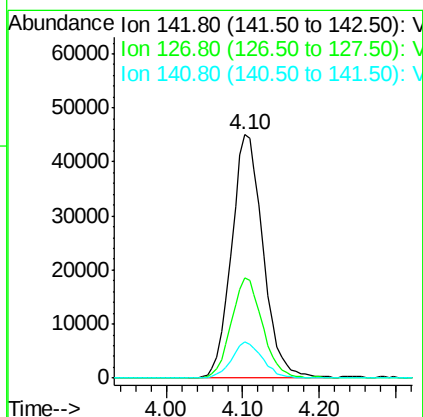
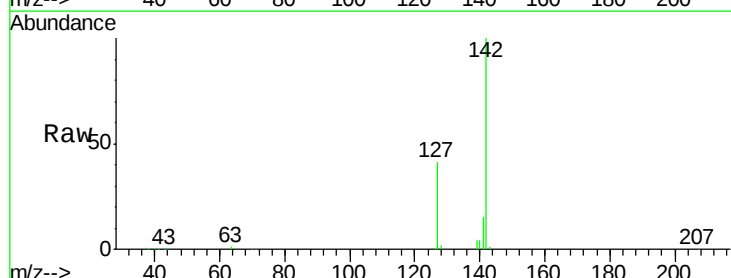
RT: 4.10 min Scan# 388

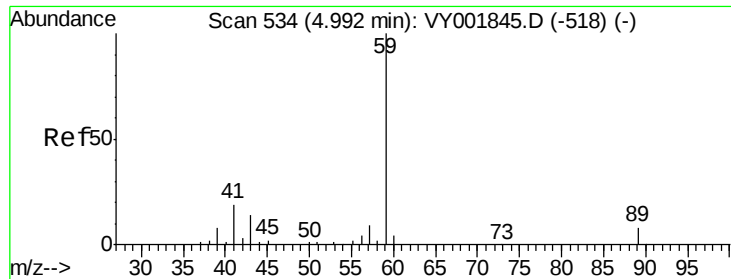
Delta R.T. -0.02 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Tgt Ion:	142	Resp:	128665
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.7	49.1
141	14.4	11.0	16.6





#11

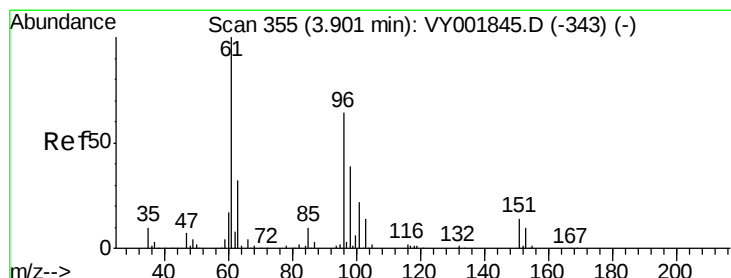
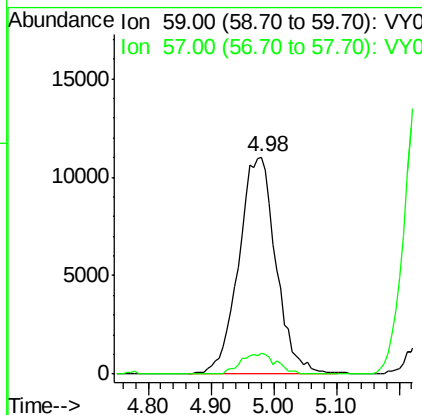
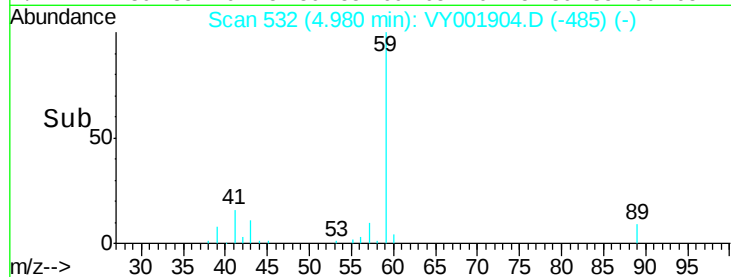
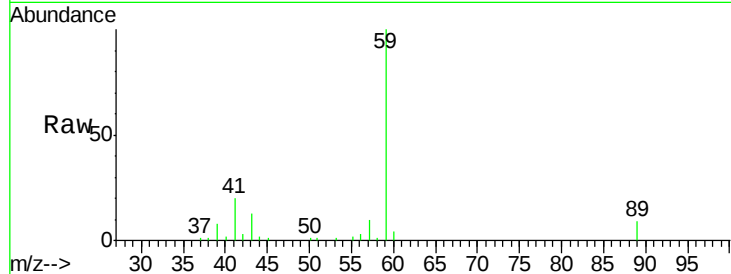
Tert butyl alcohol
 Concen: 219.368 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.4	11.2

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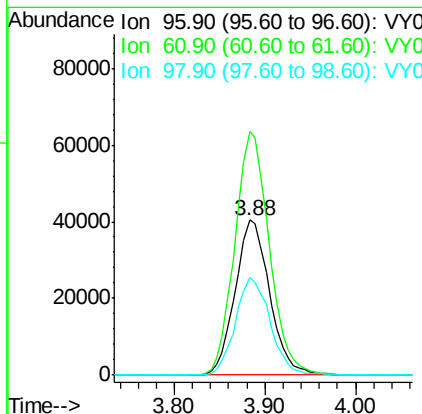
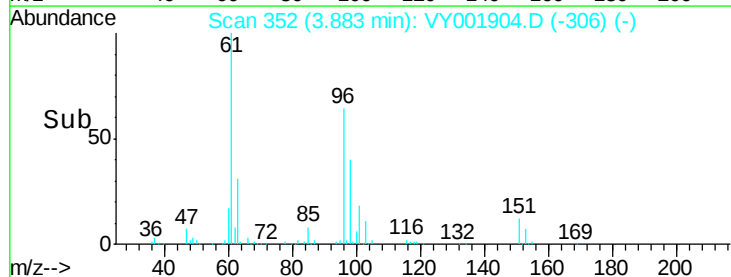
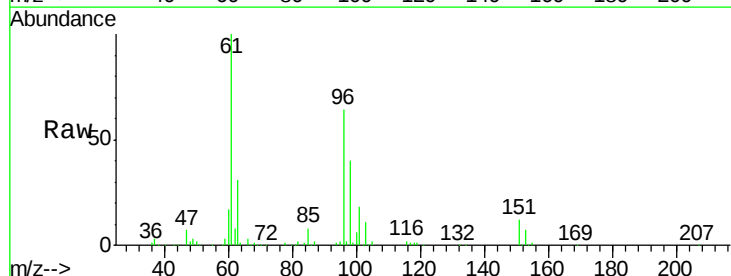
MMDadoda
 3/10/2020 2:56:52 PM

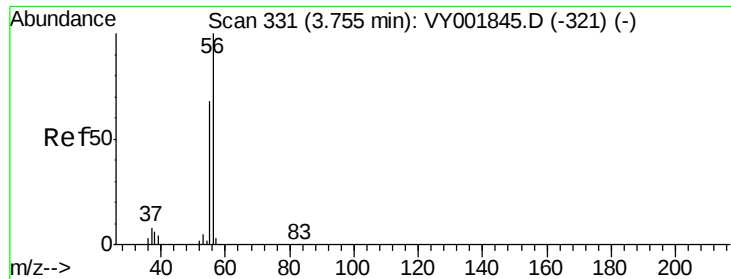


#12

1,1-Dichloroethene
 Concen: 52.581 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	124.8	187.2
98	62.7	49.2	73.8





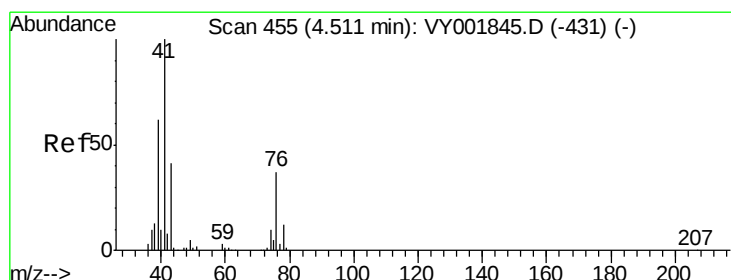
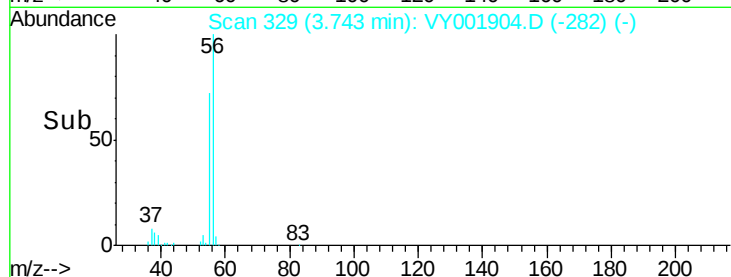
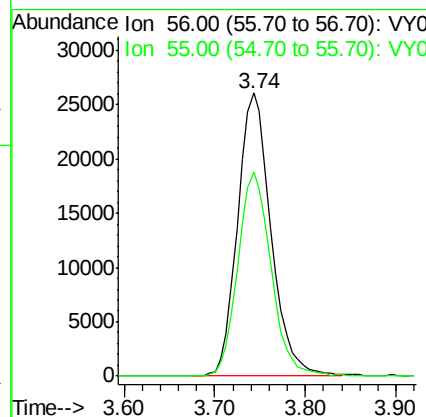
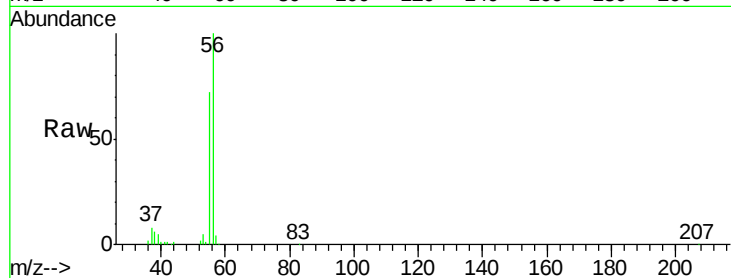
#13
 Acrolein
 Concen: 242.874 ug/l
 RT: 3.74 min Scan# 329
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	56	Resp	66653
Ion Ratio	100	Lower	Upper
56	100		
55	71.8	54.0	81.0

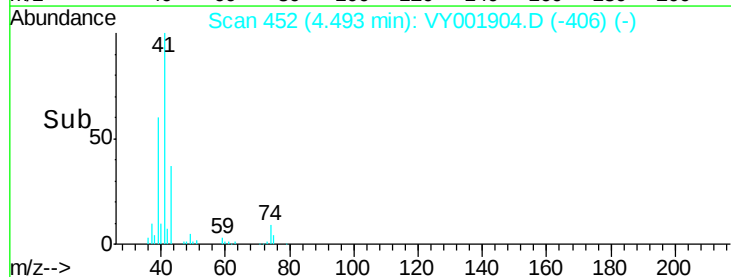
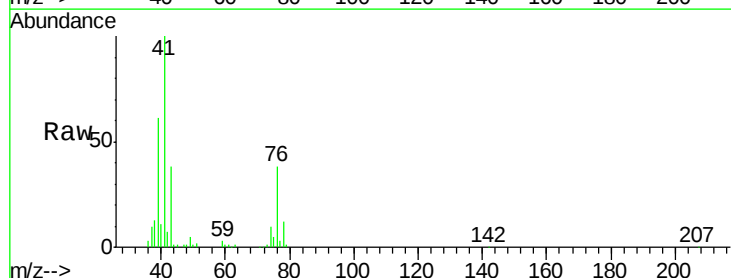
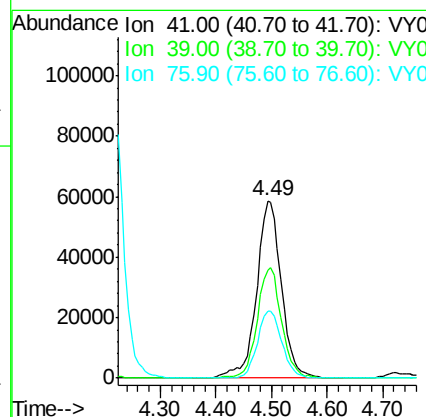
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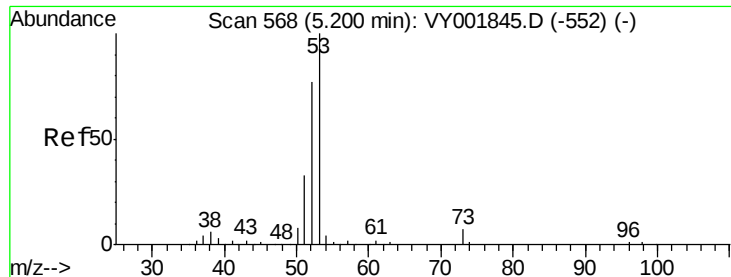
MMDadoda
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#14
 Allyl chloride
 Concen: 50.822 ug/l
 RT: 4.49 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	41	Resp	183251
Ion Ratio	100	Lower	Upper
41	100		
39	61.4	49.0	73.6
76	37.3	28.9	43.3





#15

Acrylonitrile

Concen: 234.196 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.02 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

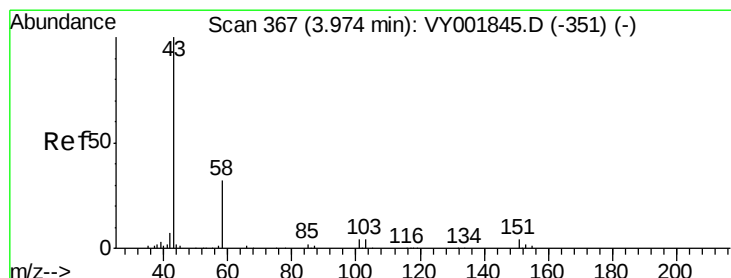
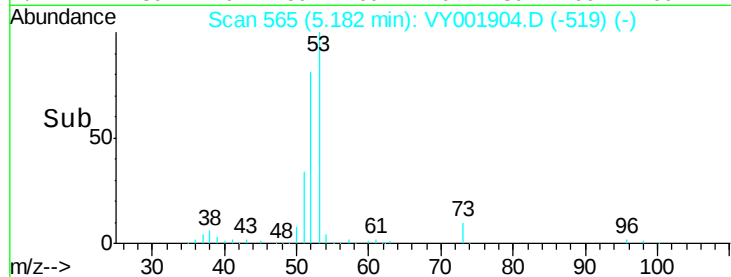
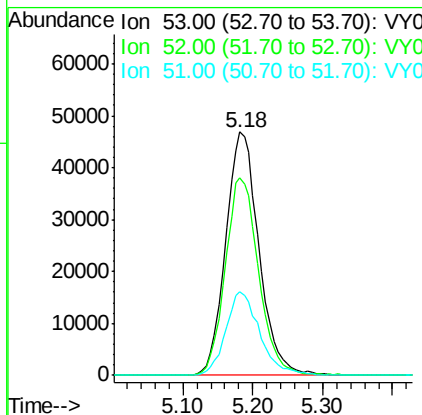
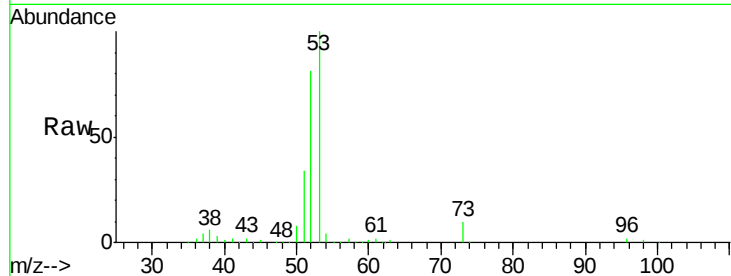
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	154905
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.1	97.7
51	35.2	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 291.076 ug/l

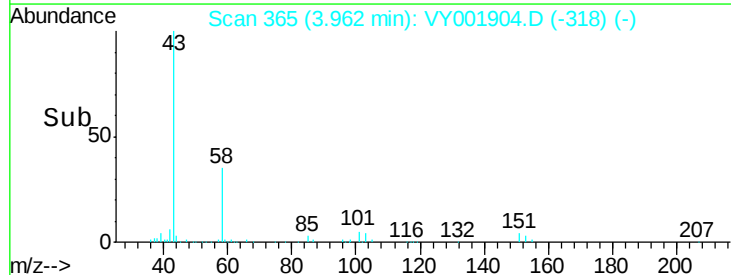
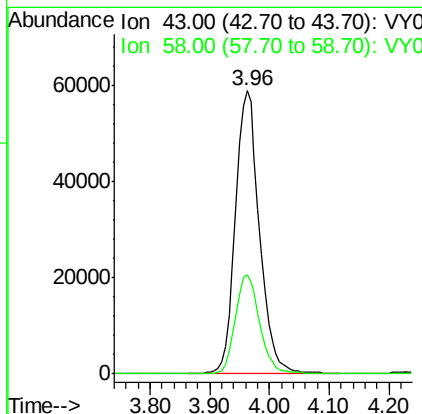
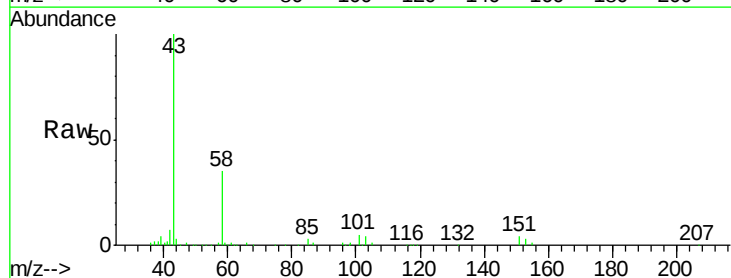
RT: 3.96 min Scan# 365

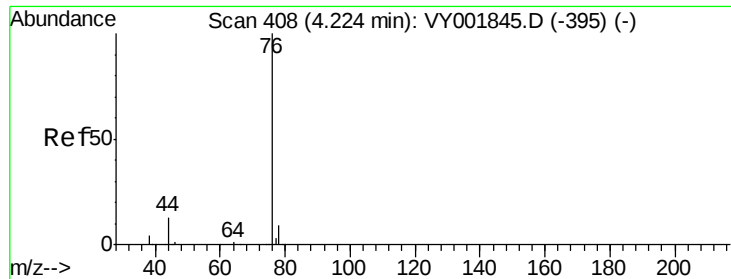
Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Tgt Ion:	43	Resp:	165568
Ion	Ratio	Lower	Upper
43	100		
58	34.9	25.9	38.9





#17

Carbon Disulfide

Concen: 51.612 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 352883

Ion Ratio Lower Upper

76 100

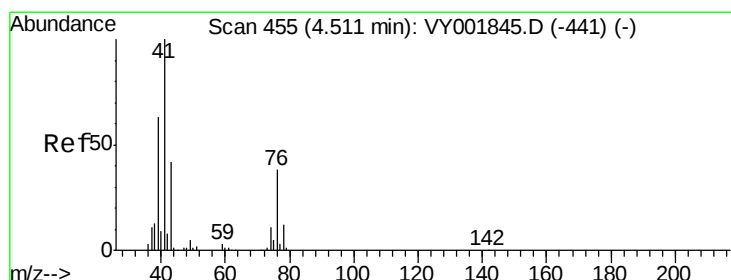
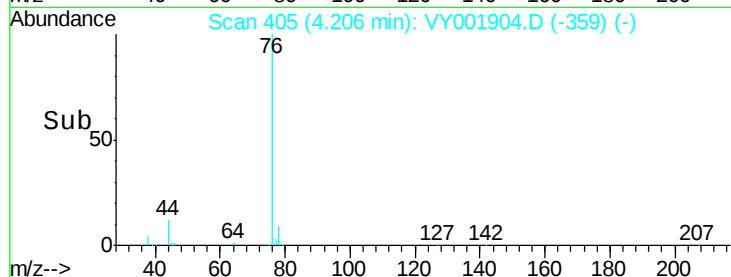
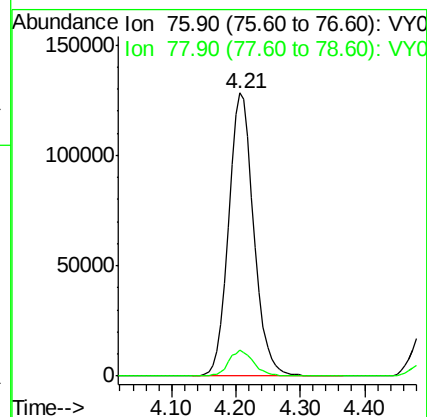
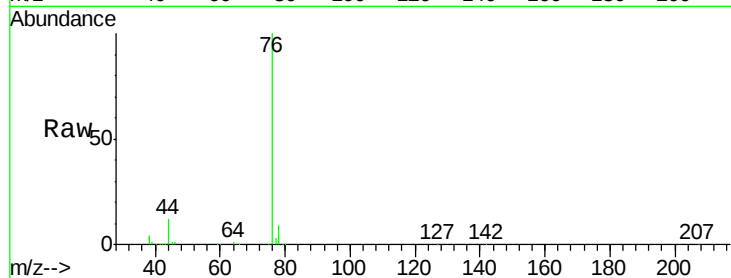
78 9.4 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 45.095 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001904.D

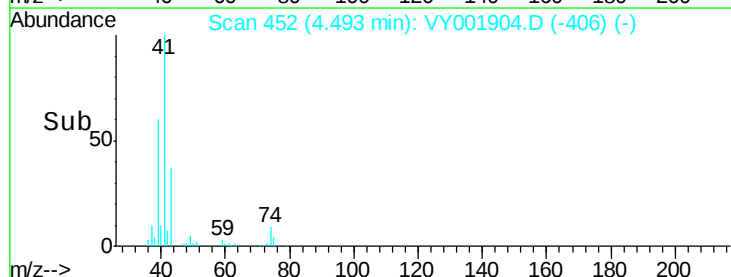
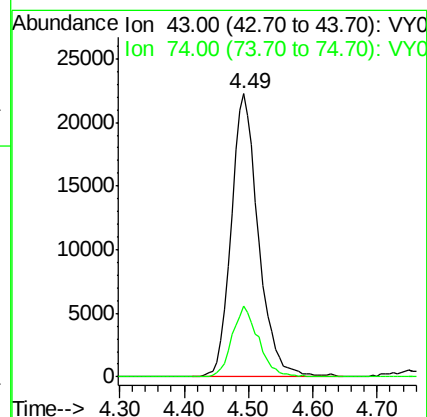
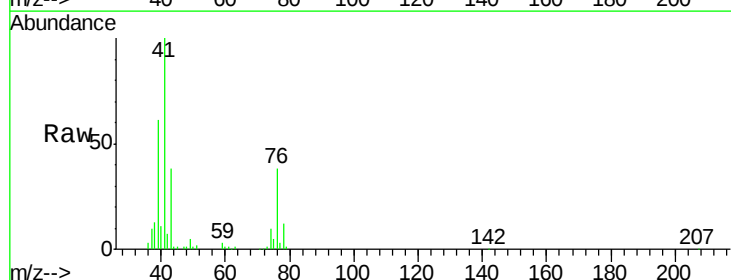
Acq: 09 Mar 2020 11:51

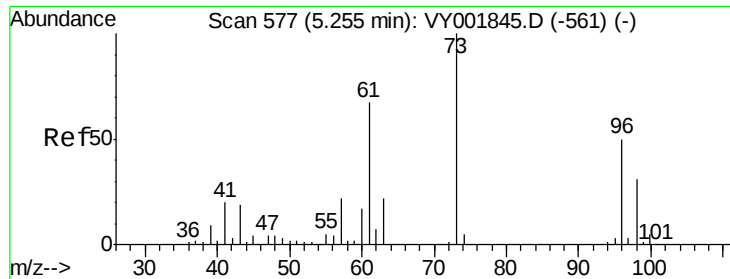
Tgt Ion: 43 Resp: 65908

Ion Ratio Lower Upper

43 100

74 24.2 19.0 28.6





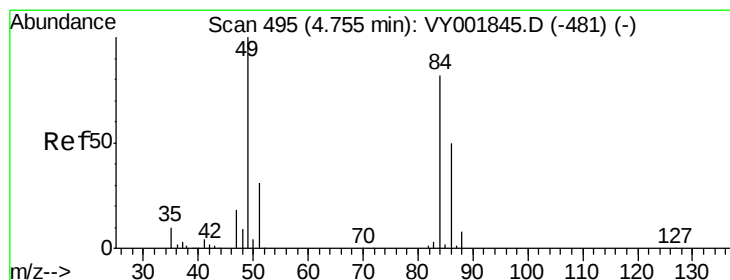
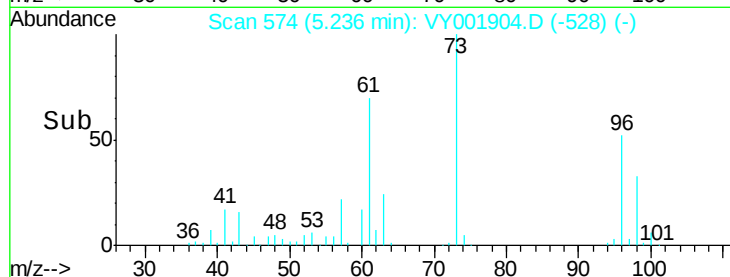
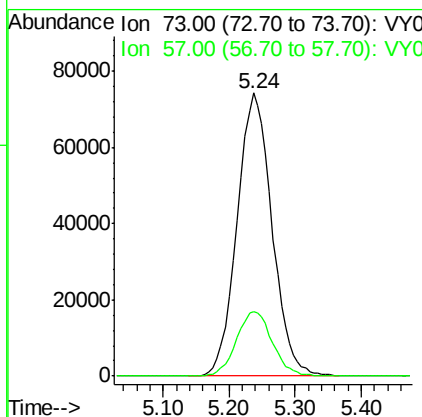
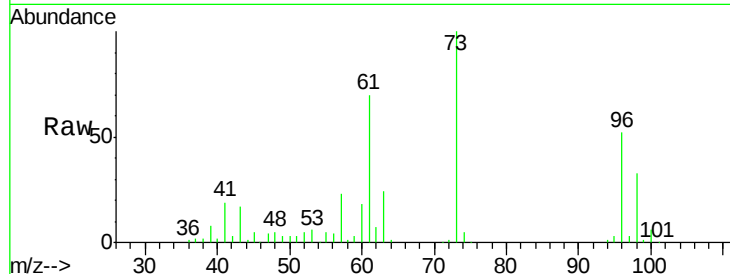
#19
Methvl tert-butvl Ether
Concen: 49.502 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 272843
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2

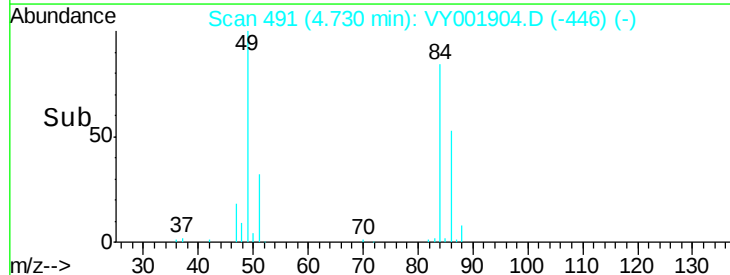
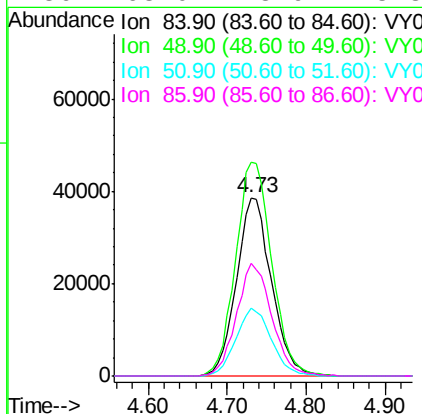
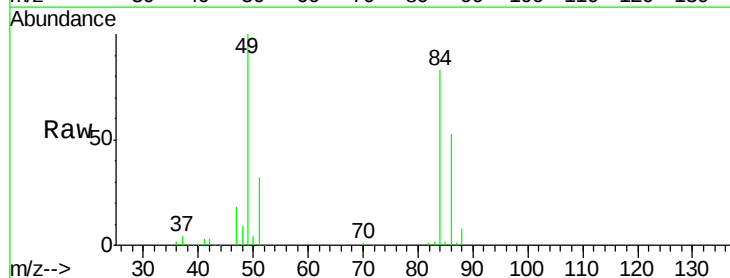
Manual Integrations
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#20
Methylene Chloride
Concen: 48.848 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion: 84 Resp: 119083
Ion Ratio Lower Upper
84 100
49 119.8 98.2 147.2
51 38.3 30.2 45.2
86 63.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 52.231 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

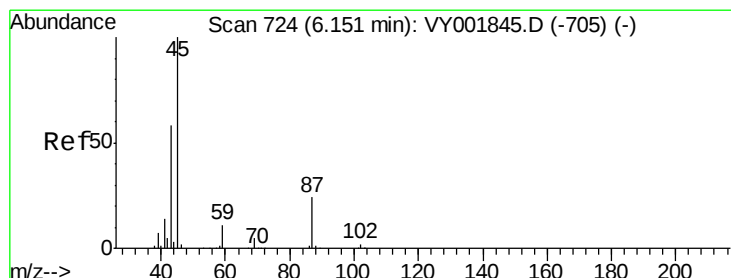
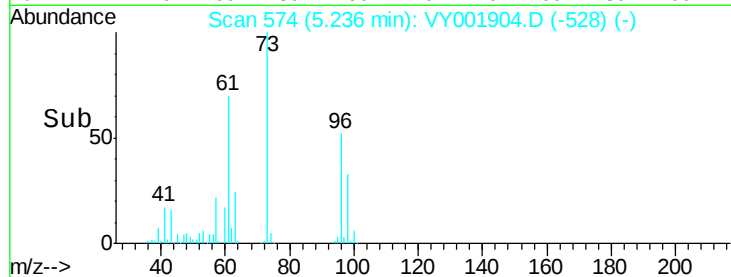
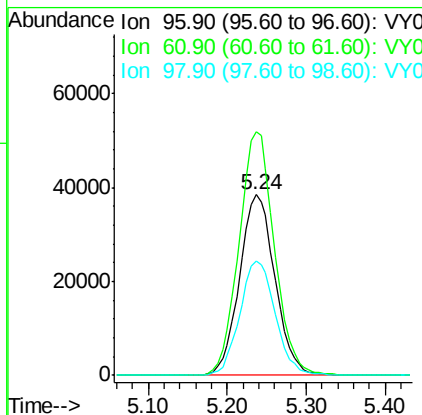
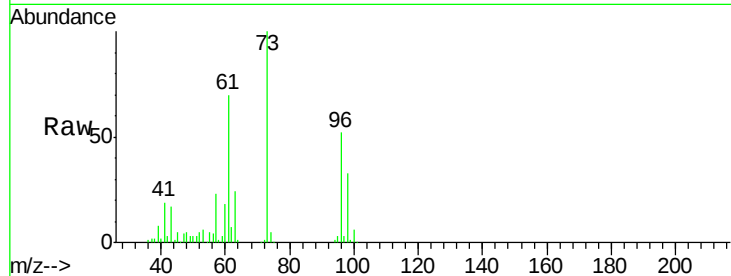
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	120577
Ion	Ratio	Lower	Upper
96	100		
61	134.7	107.7	161.5
98	63.3	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.660 ug/l

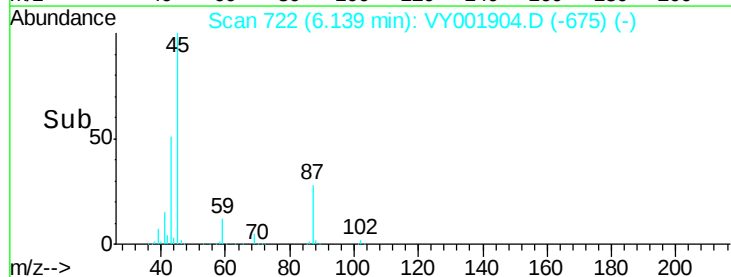
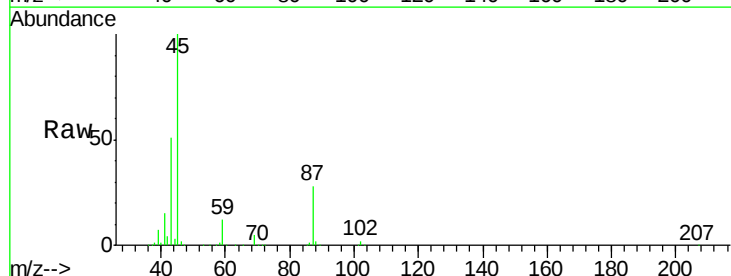
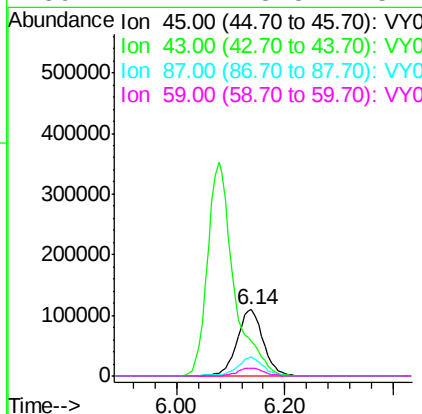
RT: 6.14 min Scan# 722

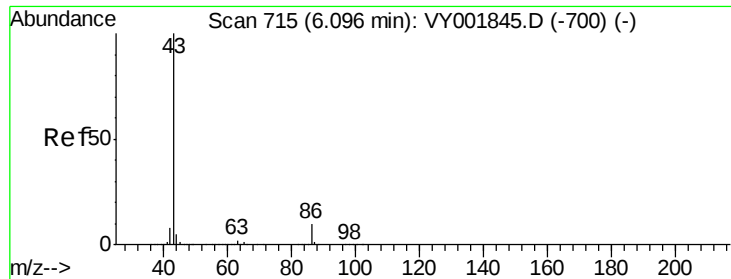
Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Tgt Ion:	45	Resp:	367039
Ion	Ratio	Lower	Upper
45	100		
43	51.3	47.2	70.8
87	28.4	19.8	29.8
59	12.2	8.8	13.2





#23

Vinyl Acetate

Concen: 242.605 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1175505

Ion Ratio Lower Upper

43 100

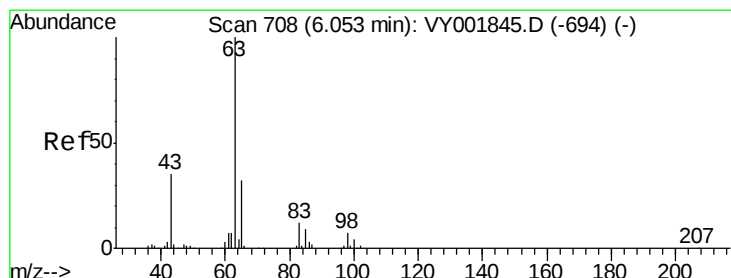
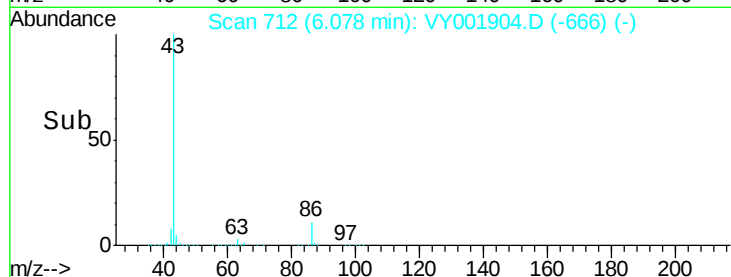
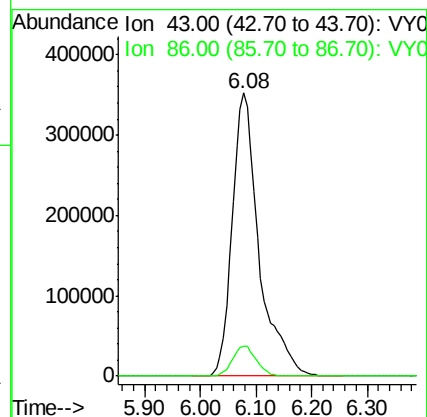
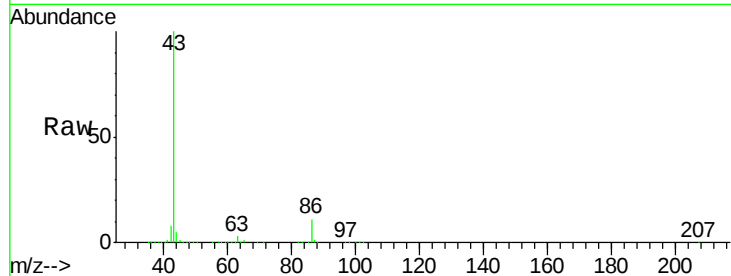
86 10.6 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.485 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

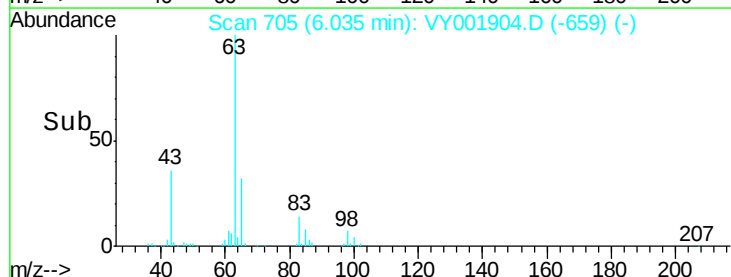
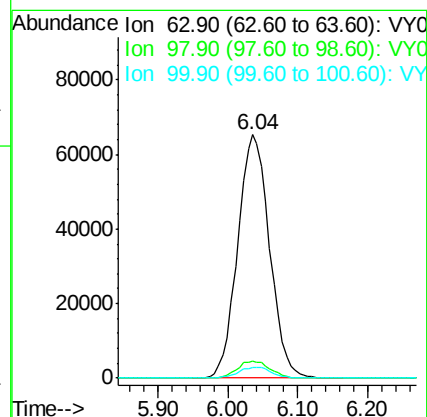
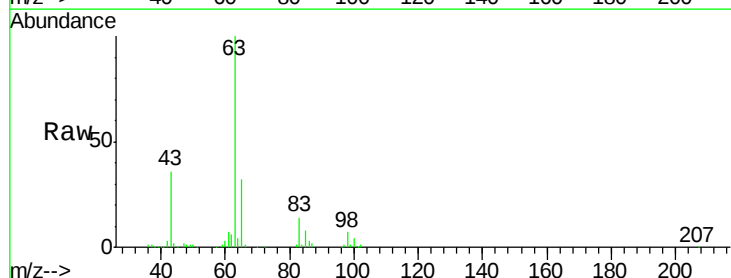
Tgt Ion: 63 Resp: 206070

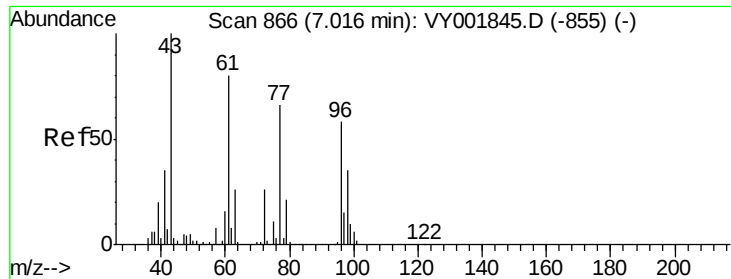
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.3 2.0 6.0





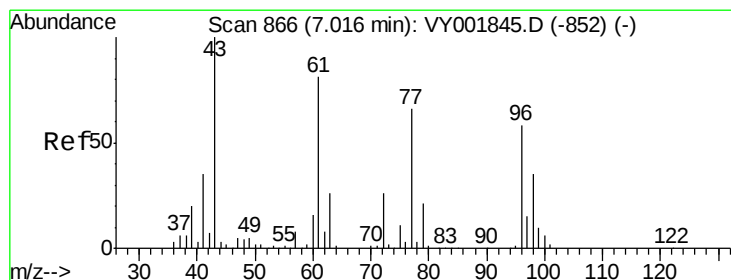
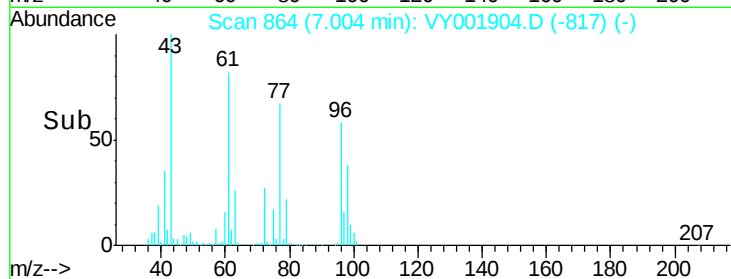
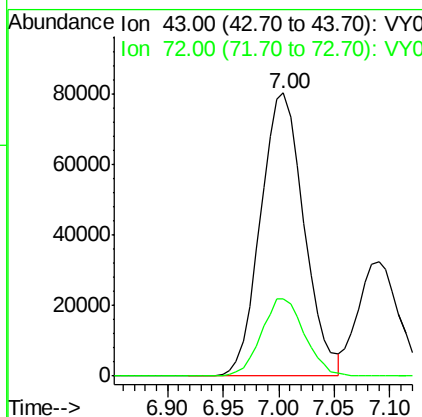
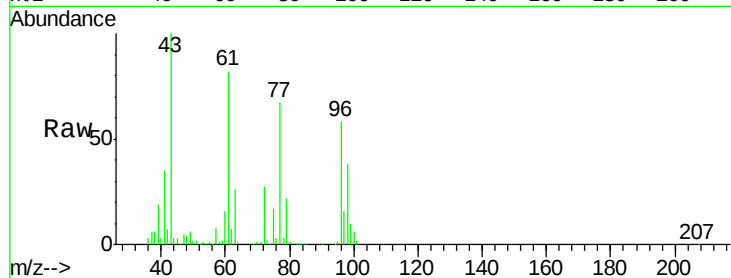
#25
2-Butanone
Concen: 252.840 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 218709
Ion Ratio Lower Upper
43 100
72 27.2 20.9 31.3

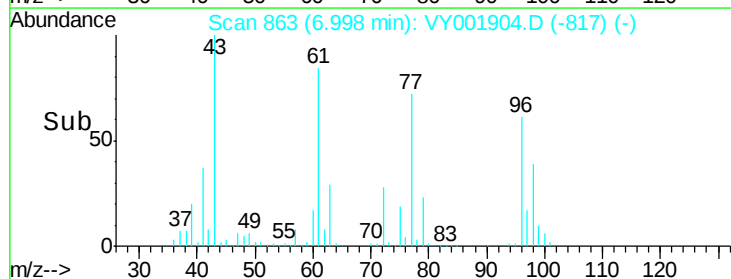
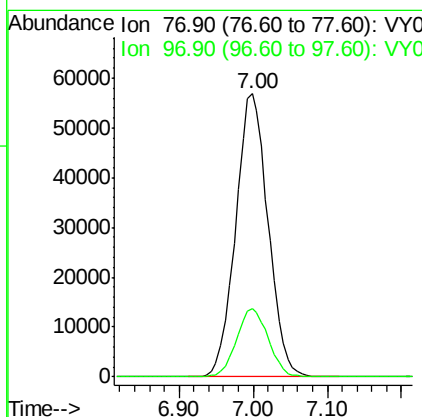
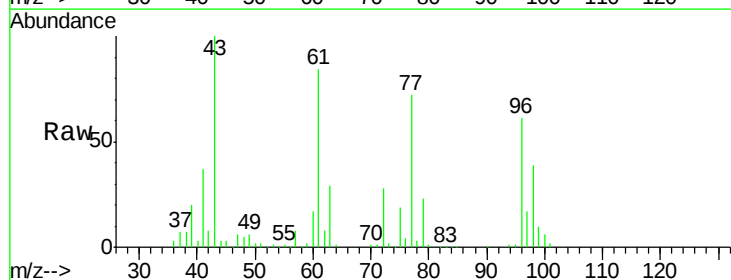
Manual Integrations
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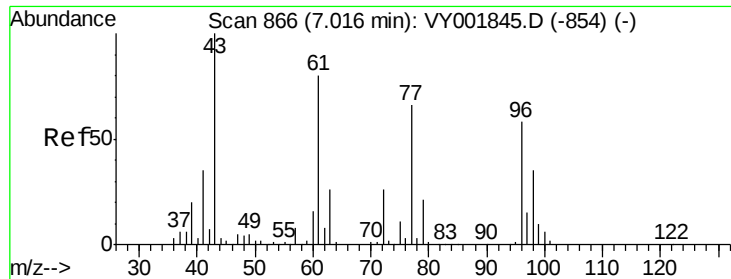
MMDadoda
3/10/2020 2:56:52 PM



#26
2,2-Dichloropropane
Concen: 52.724 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion: 77 Resp: 173204
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.7





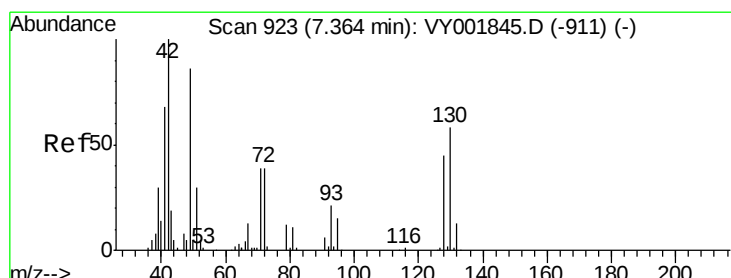
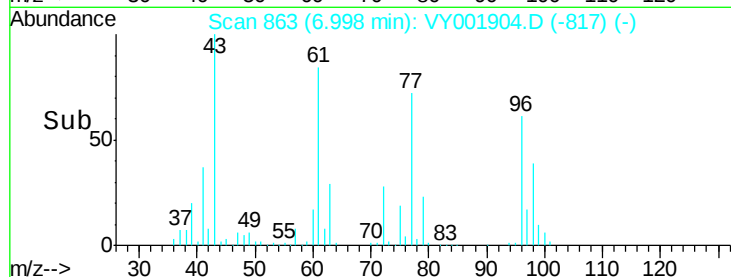
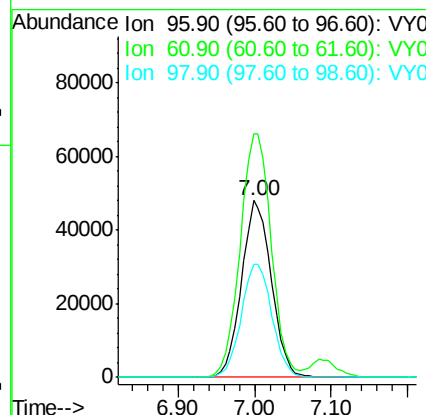
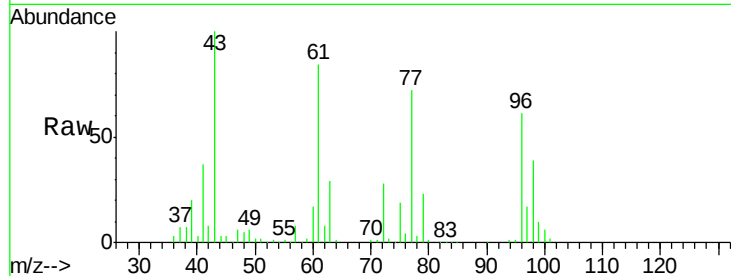
#27
 cis-1,2-Dichloroethene
 Concen: 51.729 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	288.2
98	65.8	0.0	129.0

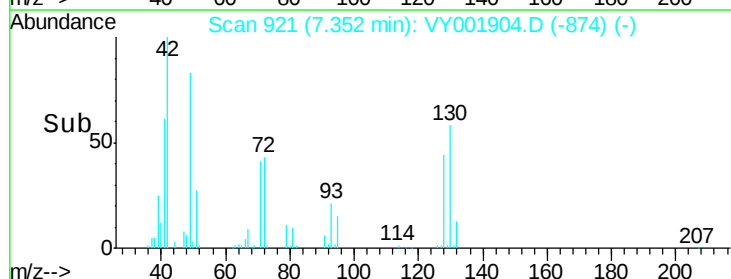
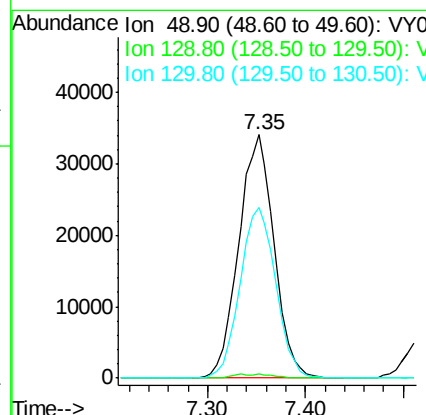
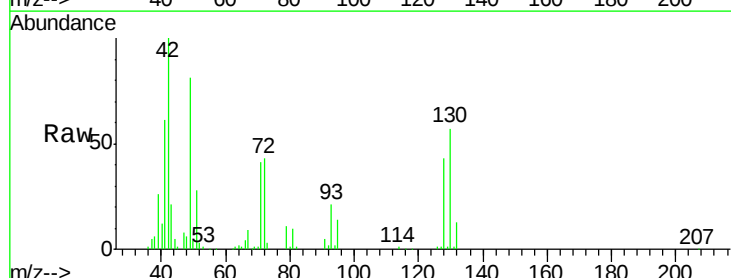
Manual Integrations
 APPROVED

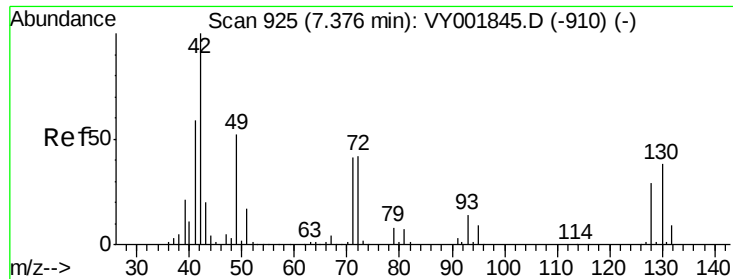
MMDadoda
 3/10/2020 2:56:52 PM



#28
 Bromochloromethane
 Concen: 47.213 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	70.9	54.4	81.6





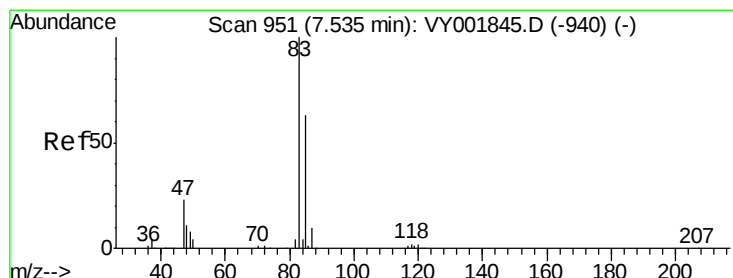
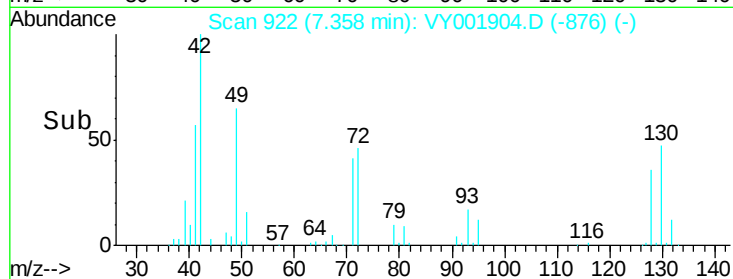
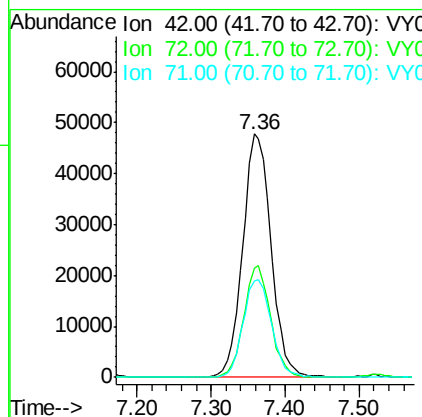
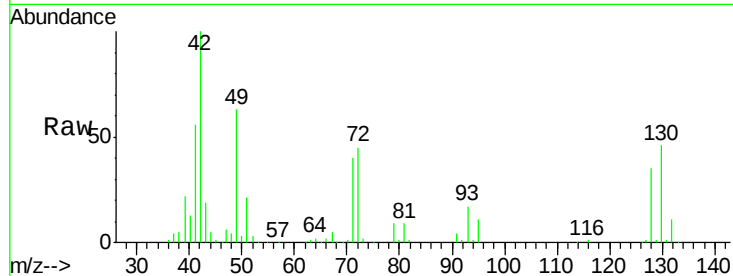
#29
Tetrahydrofuran
Concen: 223.109 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	33.5	50.3
71	40.1	31.3	46.9

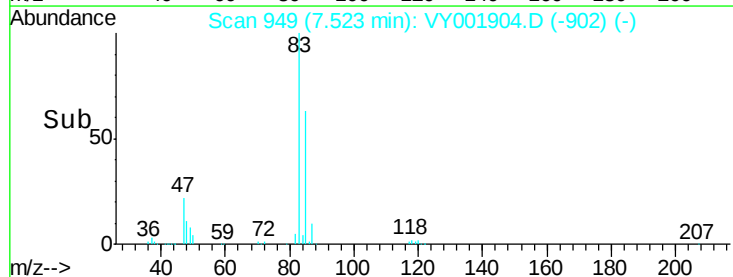
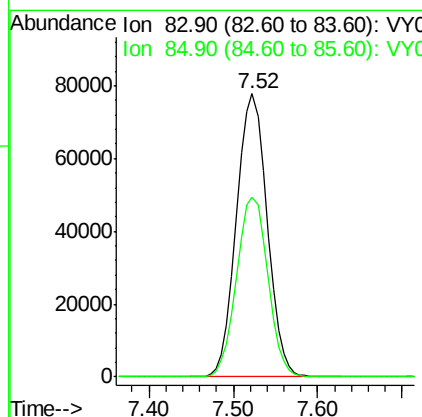
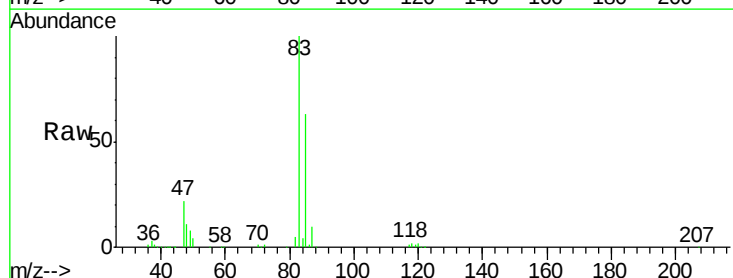
Manual Integrations
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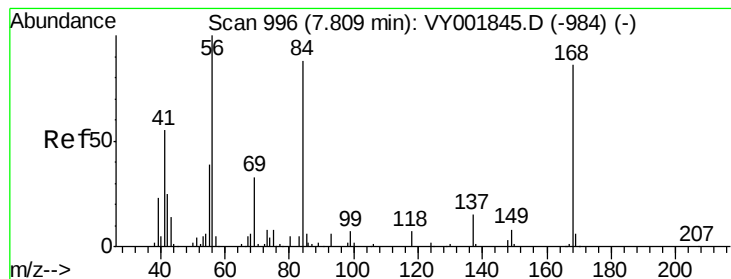
MMDadoda
3/10/2020 2:56:52 PM



#30
Chloroform
Concen: 50.997 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.7	76.1





#31

Cyclohexane

Concen: 49.466 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

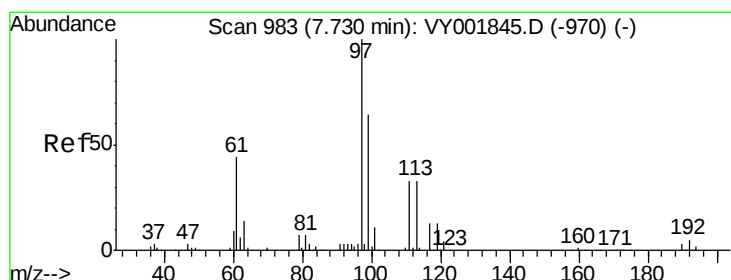
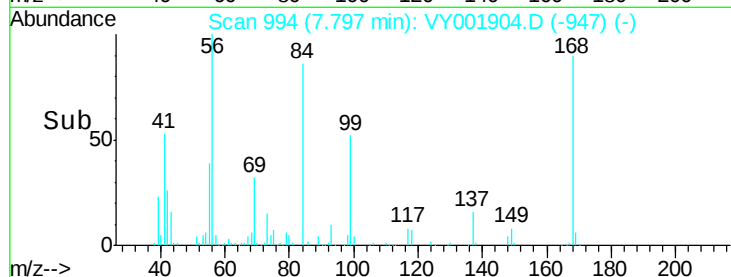
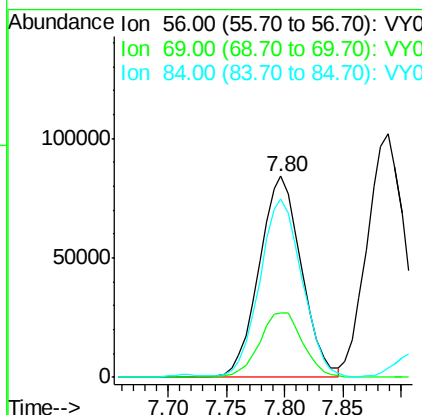
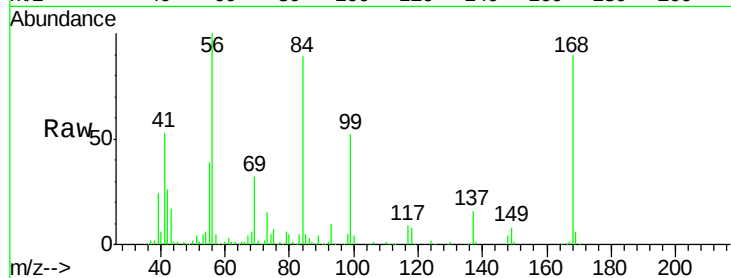
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	212283
Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.7	40.1
84	87.5	70.4	105.6

Manual Integrations
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MMDadoda
3/10/2020 2:56:52 PM



#32

1,1,1-Trichloroethane

Concen: 52.019 ug/l

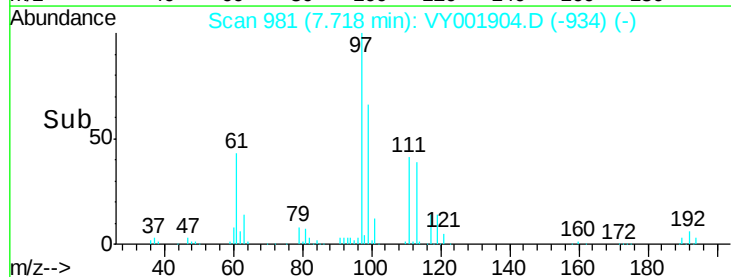
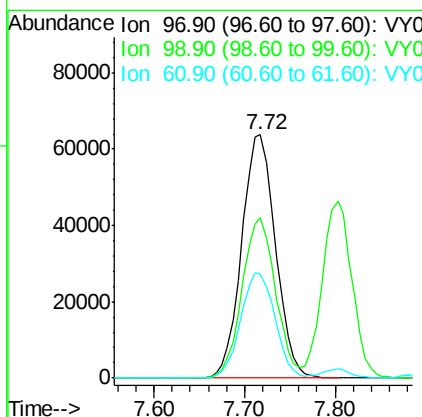
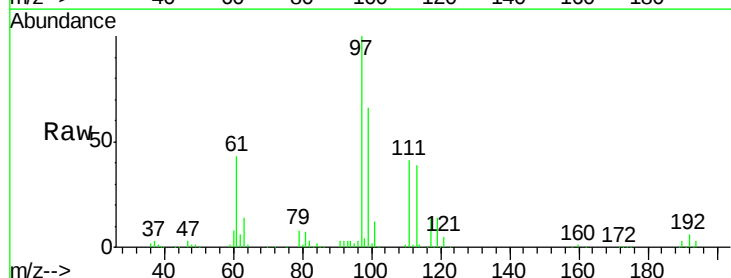
RT: 7.72 min Scan# 981

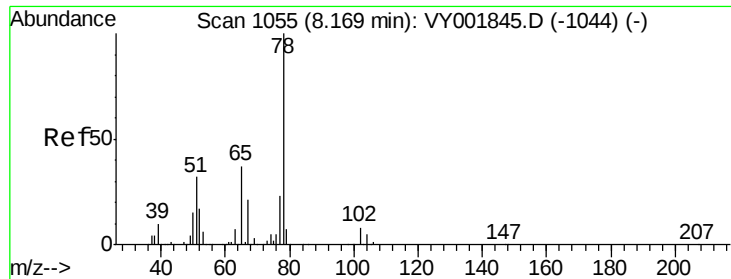
Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Tgt Ion:	97	Resp:	164873
Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	44.0	35.0	52.4





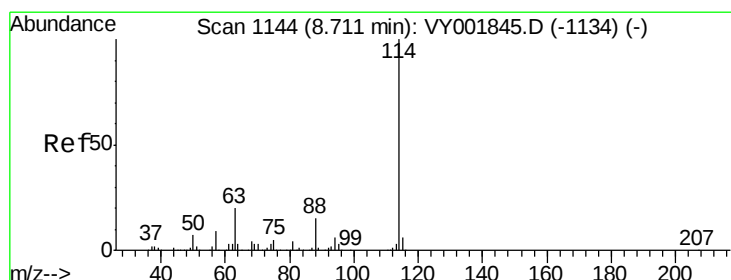
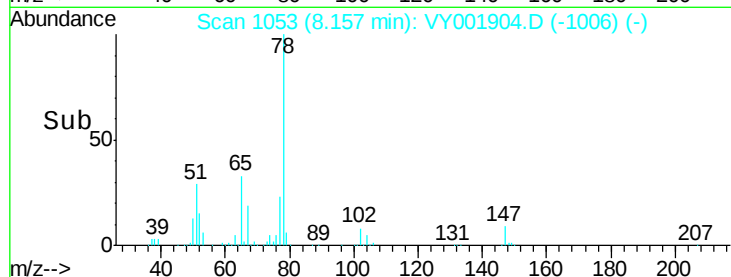
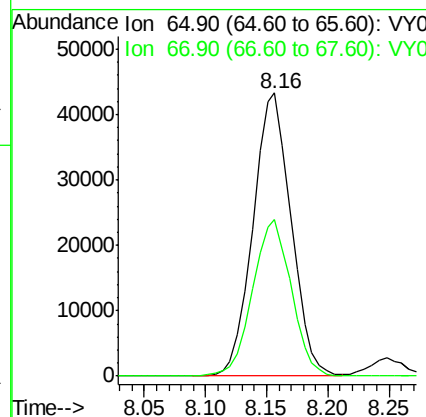
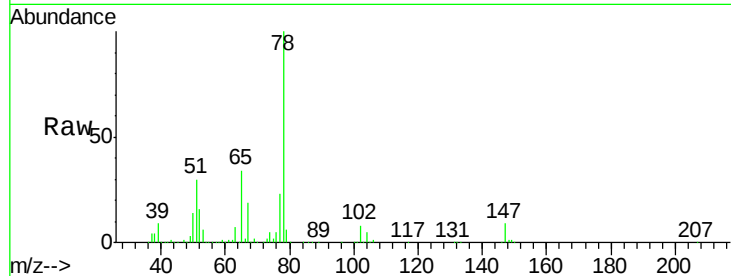
#33
 1,2-Dichloroethane-d4
 Concen: 48.047 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

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

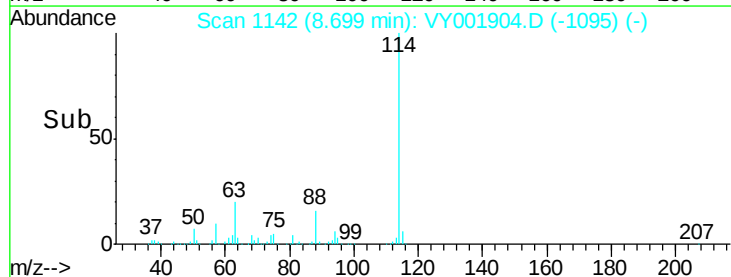
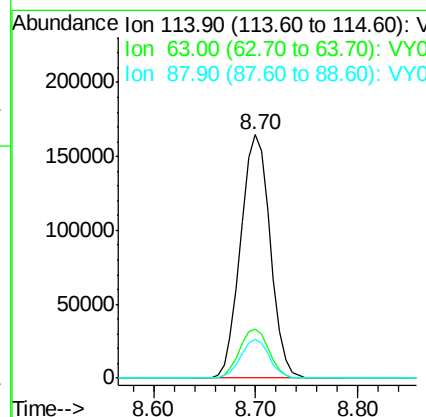
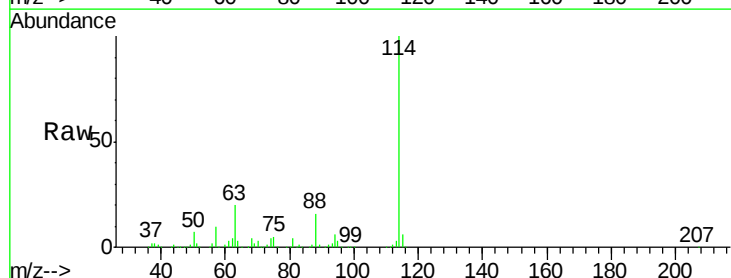
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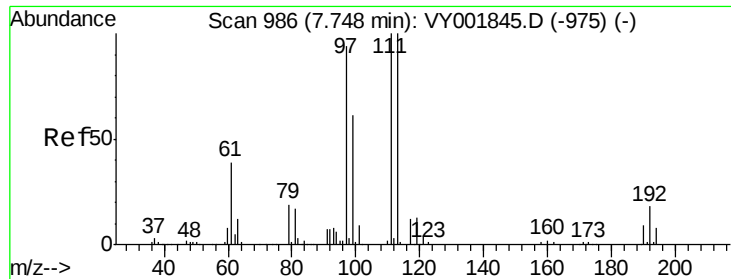
MMDadoda
 3/10/2020 2:56:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.3	0.0	39.4	
88	15.8	0.0	30.4	





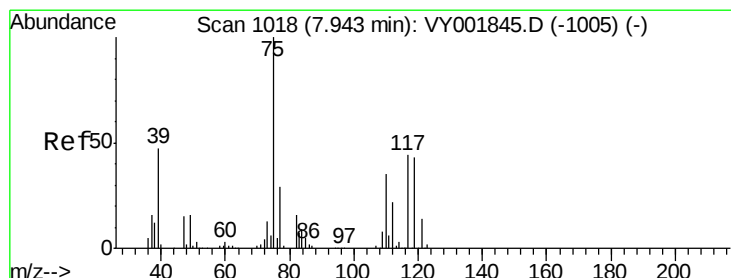
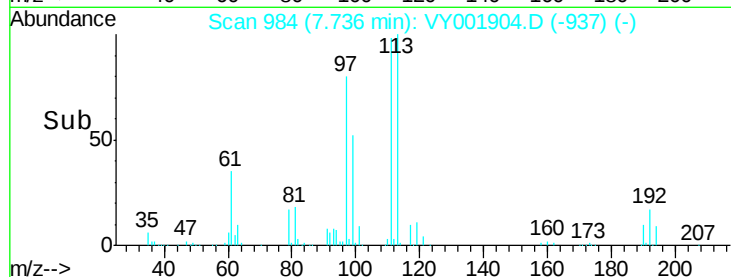
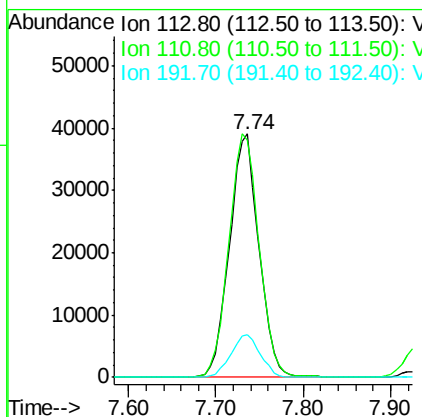
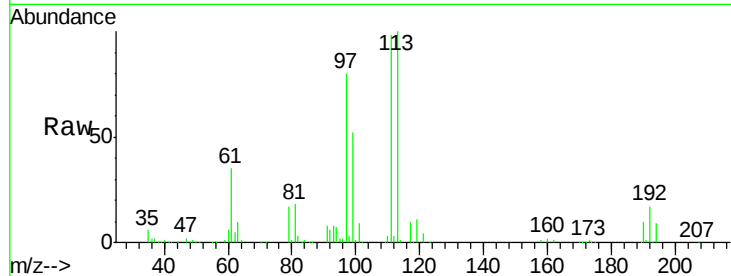
#35
 Dibromofluoromethane
 Concen: 50.892 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	17.3	14.2	21.2

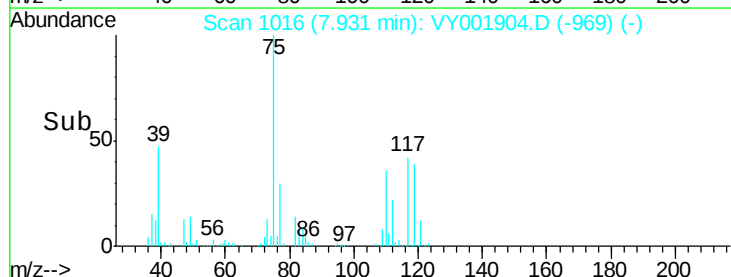
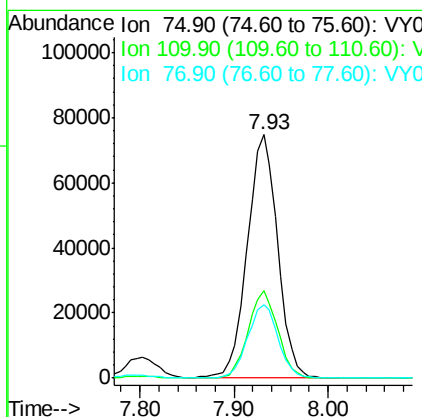
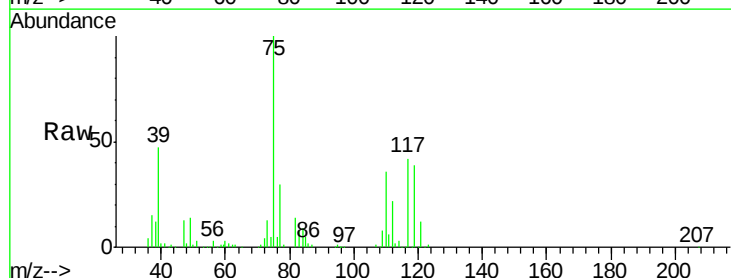
Manual Integrations
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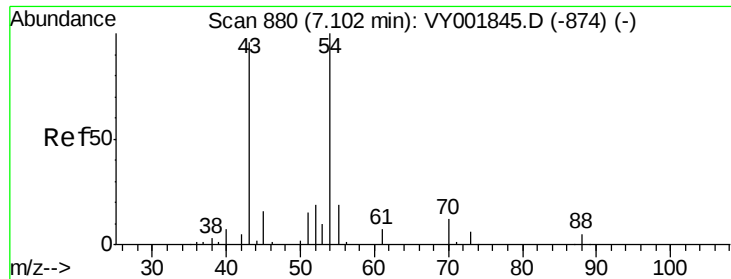
MMDadoda
 3/10/2020 2:56:52 PM



#36
 1,1-Dichloropropene
 Concen: 52.769 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.4	52.2
77	30.6	24.2	36.2





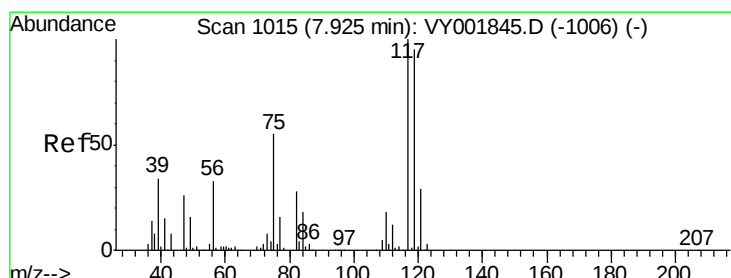
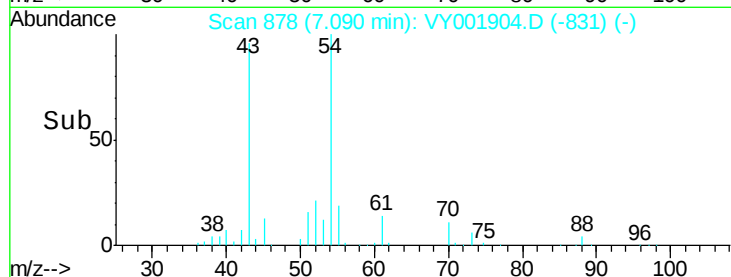
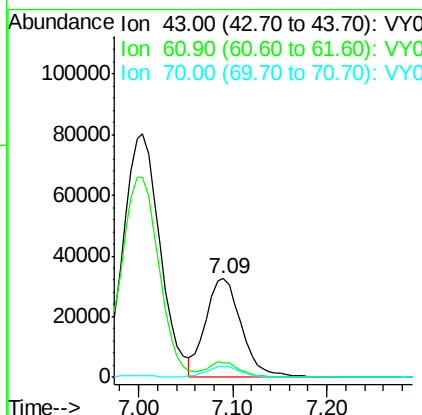
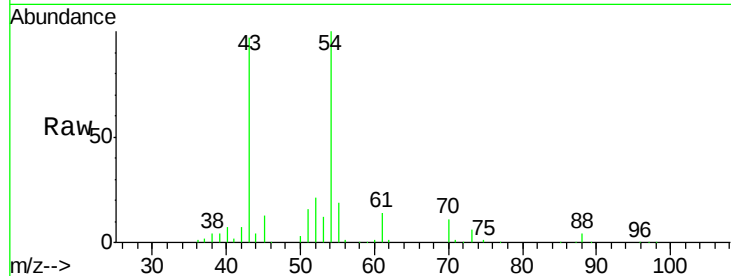
#37
Ethyl Acetate
Concen: 46.387 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	11.1	8.2	12.4

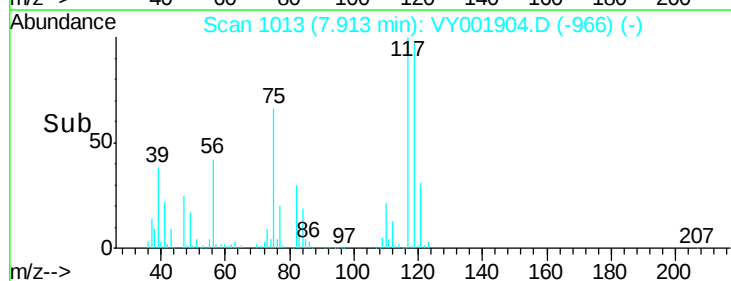
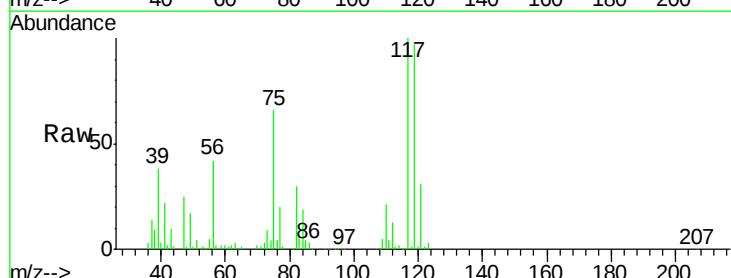
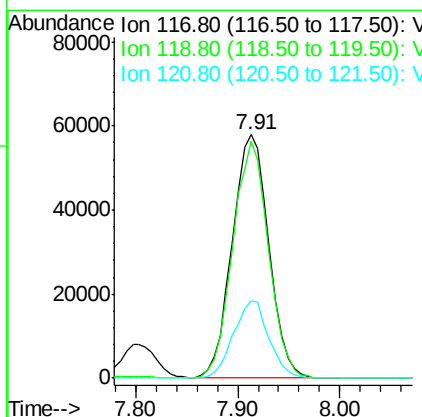
Manual Integrations
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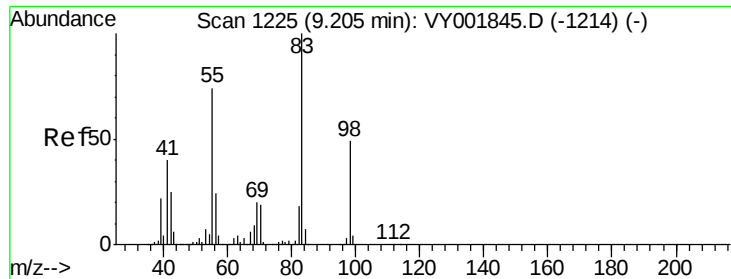
MMDadoda
3/10/2020 2:56:52 PM



#38
Carbon Tetrachloride
Concen: 52.958 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.3	114.5
121	31.5	23.5	35.3





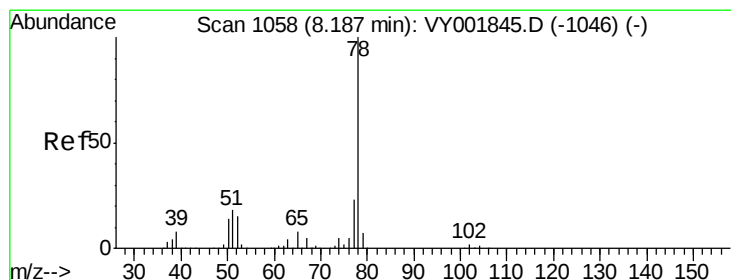
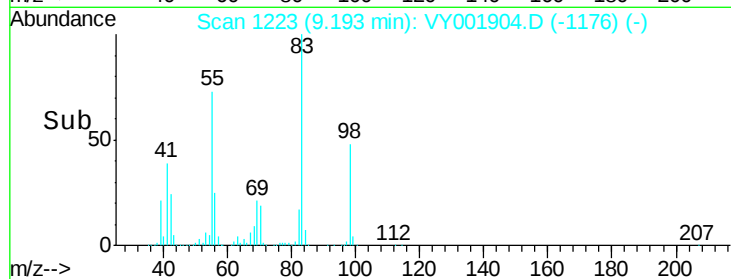
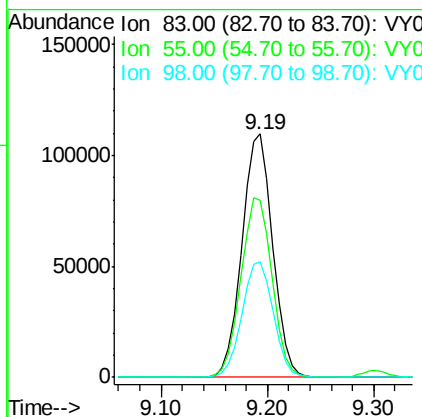
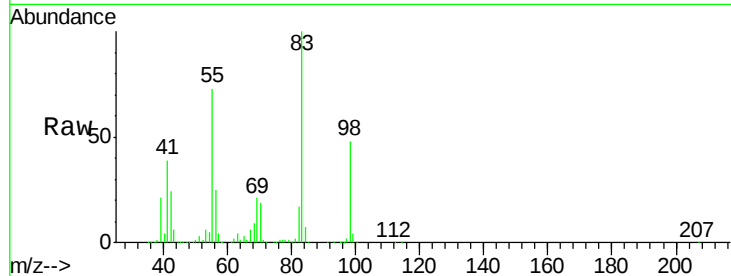
#39
Methvlcvclohexane
Concen: 52.807 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	222529		
55	72.9		59.4	89.0
98	47.7		38.9	58.3

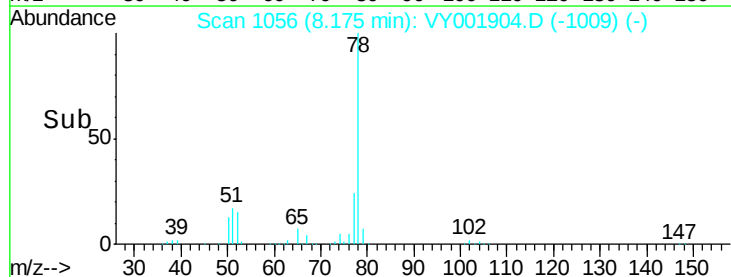
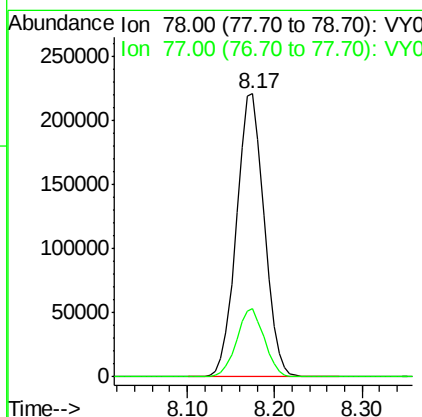
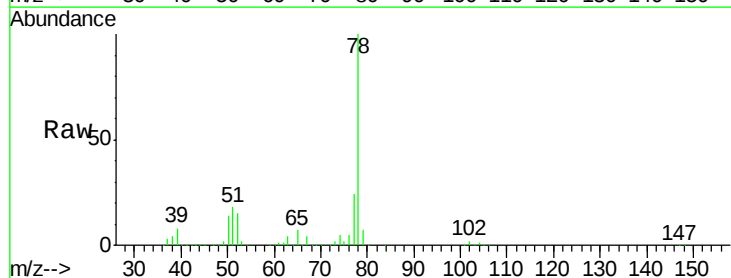
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3/10/2020 2:56:52 PM



#40
Benzene
Concen: 51.746 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	487298		
77	24.0		18.7	28.1





#41

Methacrylonitrile

Concen: 51.054 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 42428

Ion Ratio Lower Upper

41 100

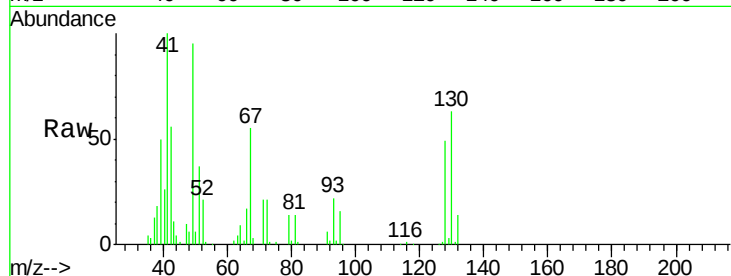
39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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MMDadoda
3/10/2020 2:56:52 PM

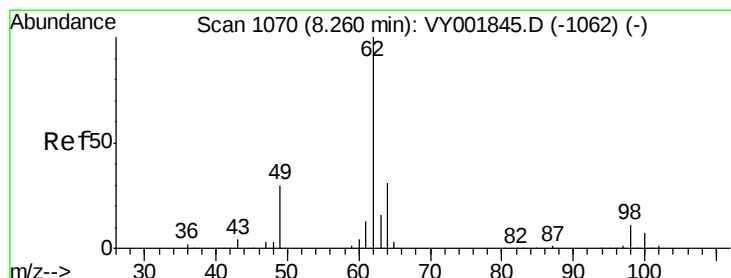
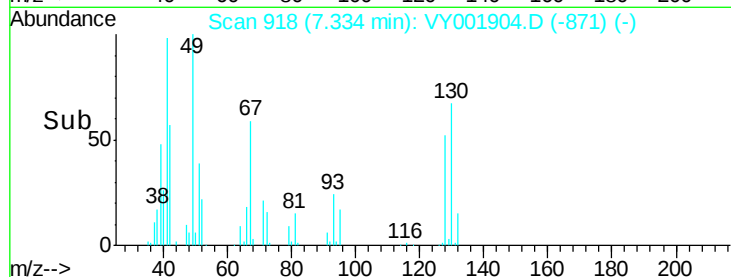
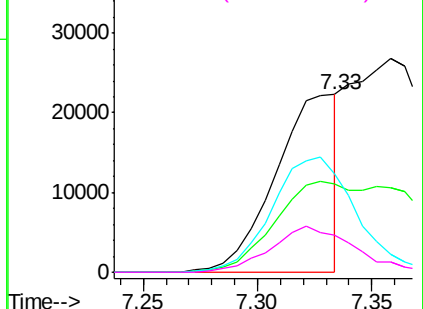


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 49.756 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY001904.D

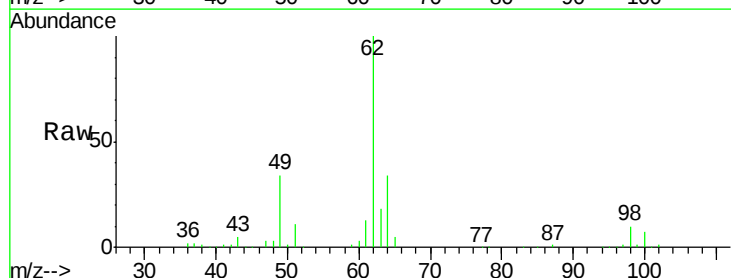
Acq: 09 Mar 2020 11:51

Tgt Ion: 62 Resp: 120741

Ion Ratio Lower Upper

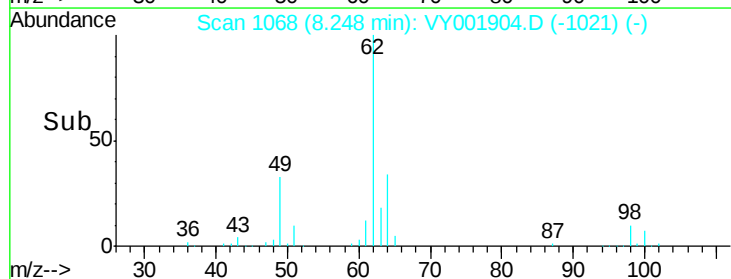
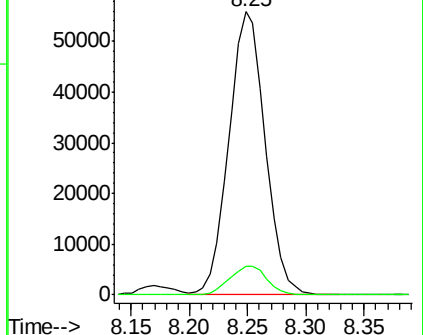
62 100

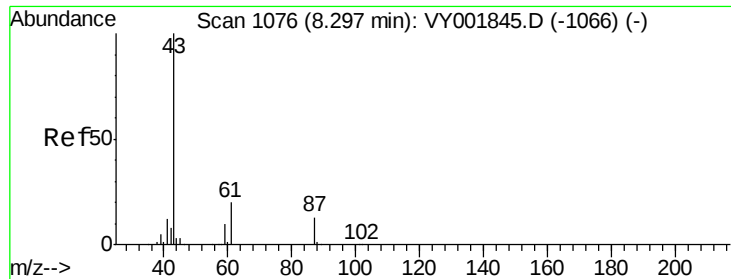
98 10.4 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





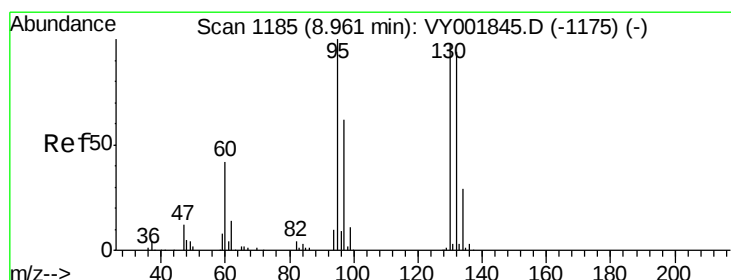
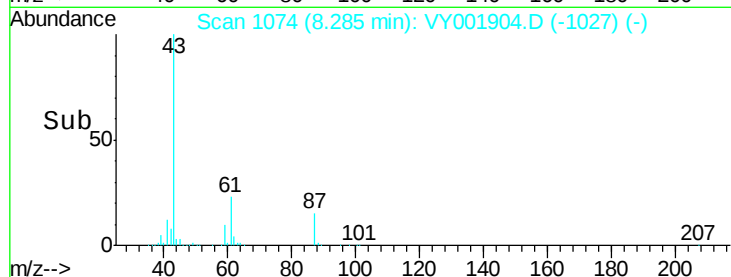
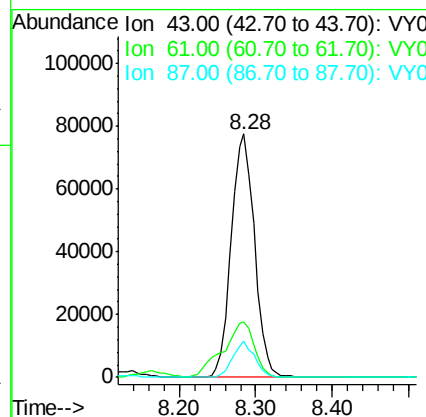
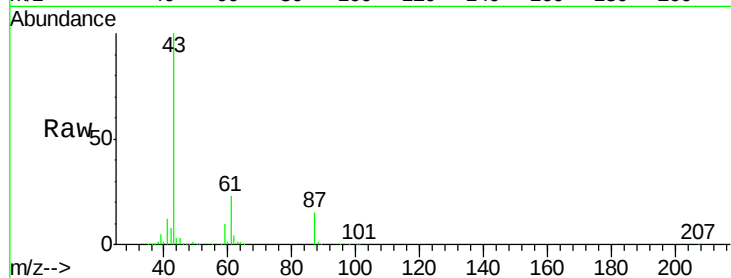
#43
Isopropyl Acetate
Concen: 46.839 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.8	23.8	35.6
87	13.9	10.9	16.3

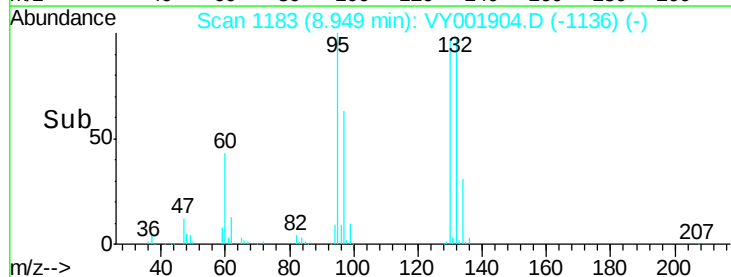
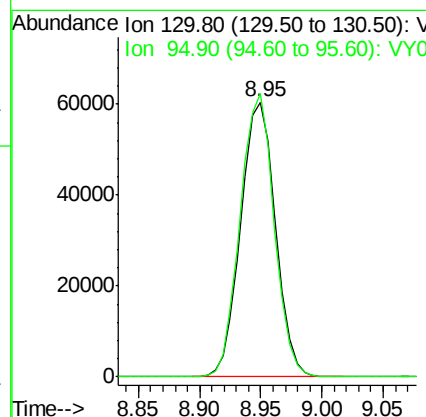
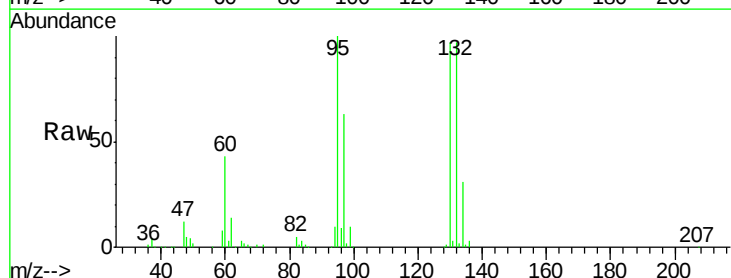
Manual Integrations
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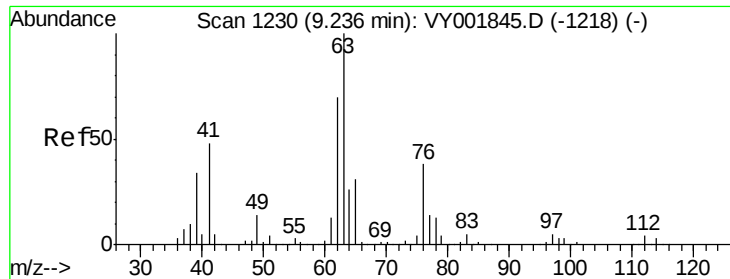
MMDadoda
3/10/2020 2:56:52 PM



#44
Trichloroethene
Concen: 51.956 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	204.6





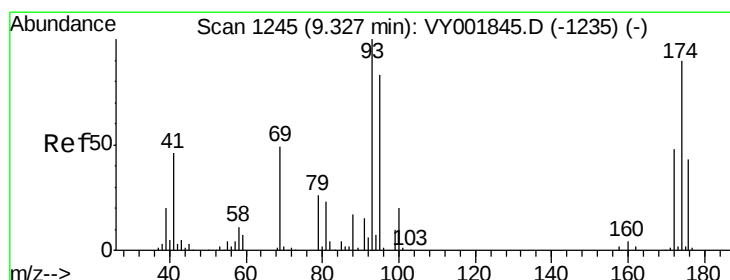
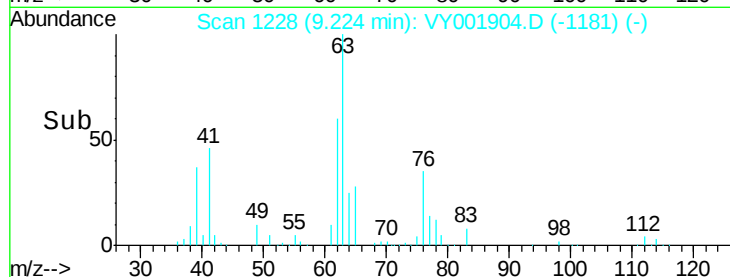
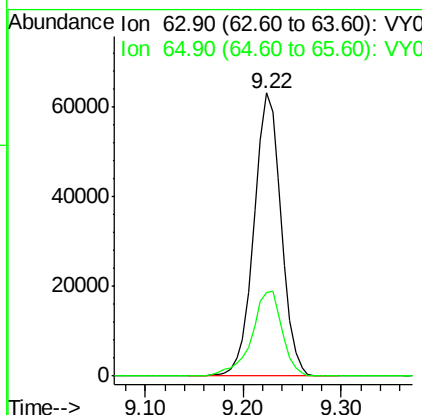
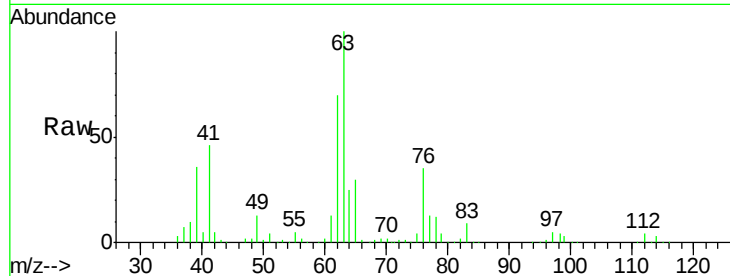
#45
 1,2-Dichloropropane
 Concen: 51.667 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 122313
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.9 37.3

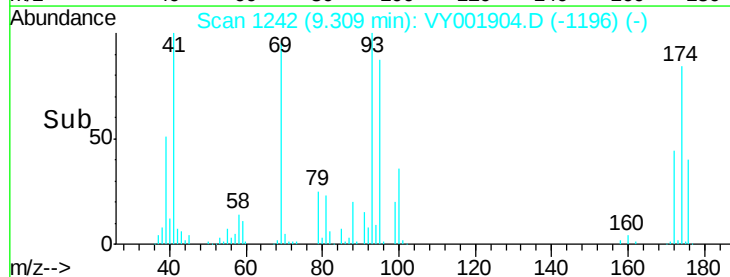
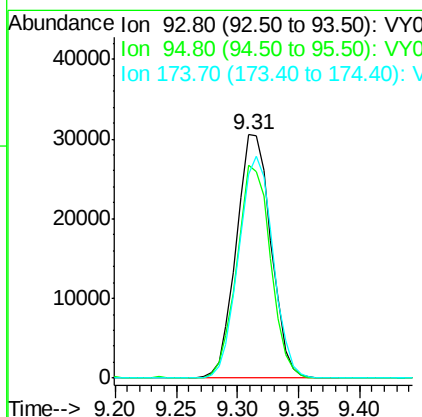
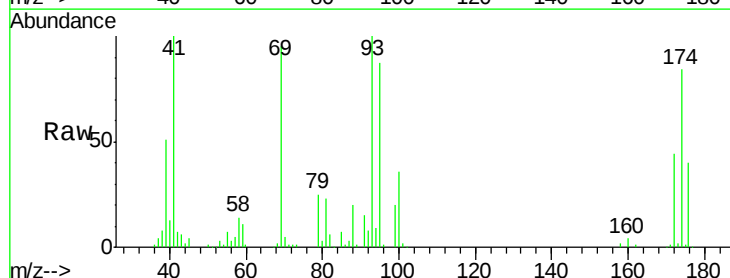
Manual Integrations
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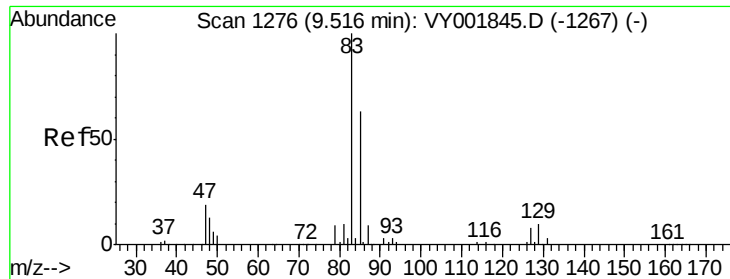
MMDadoda
 3/10/2020 2:56:52 PM



#46
 Dibromomethane
 Concen: 49.402 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion: 93 Resp: 60268
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.0 100.4
 174 90.0 71.8 107.8





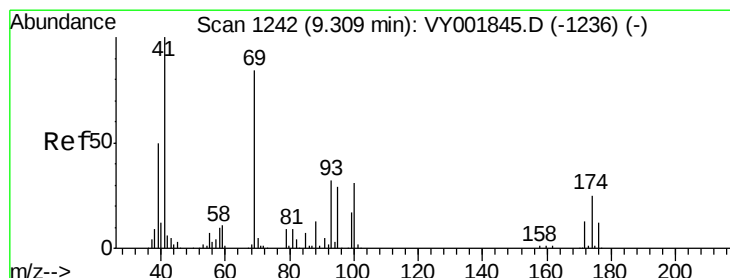
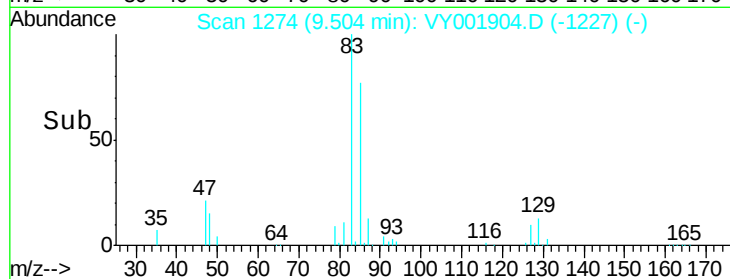
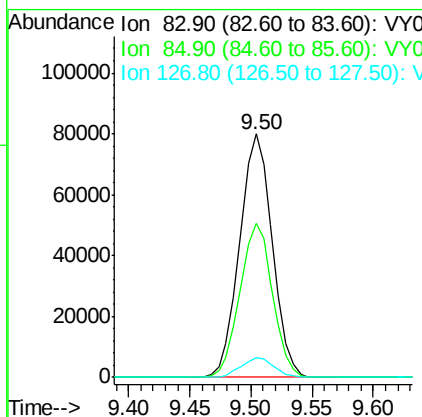
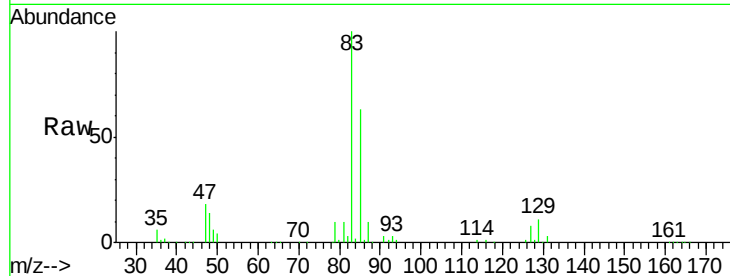
#47
Bromodichloromethane
Concen: 52.105 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	147866
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	50.6	76.0
127	8.1	6.2	9.4

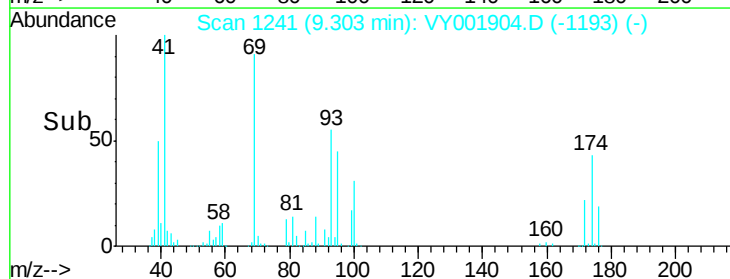
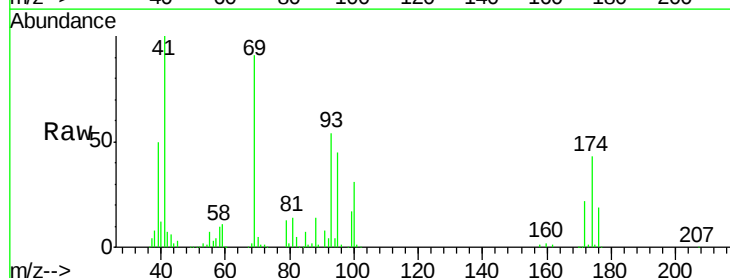
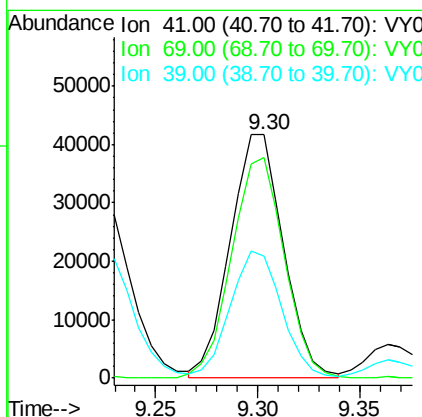
Manual Integrations
APPROVED

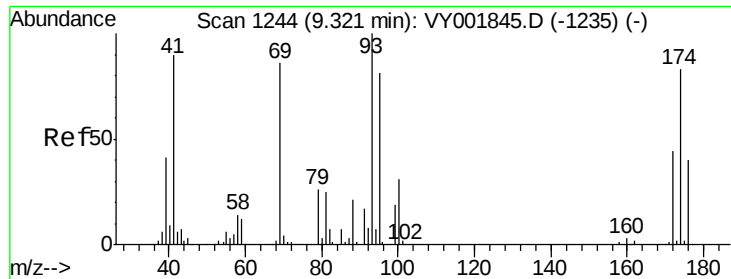
MMDadoda
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#48
Methyl methacrylate
Concen: 48.567 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	41	Resp	75343
Ion Ratio	100	Lower	Upper
41	100		
69	90.3	69.0	103.6
39	50.9	39.1	58.7





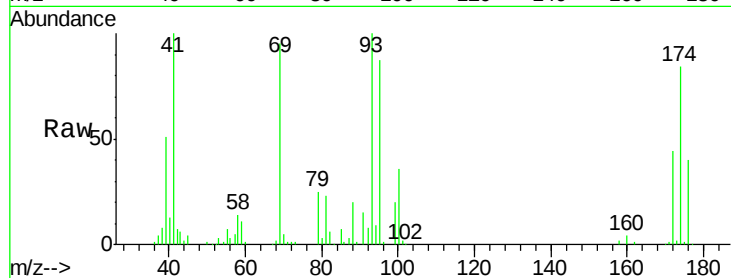
#49
 1,4-Dioxane
 Concen: 901.225 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	25.0	37.6
58	67.4	58.9	88.3

Manual Integrations
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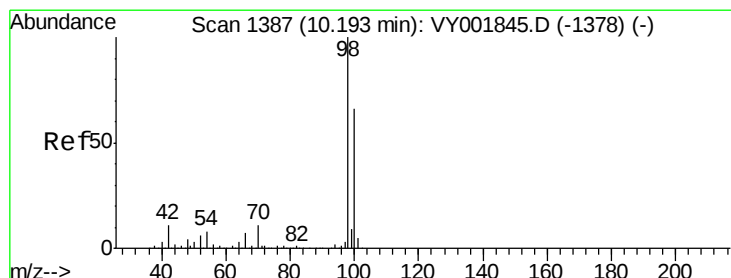
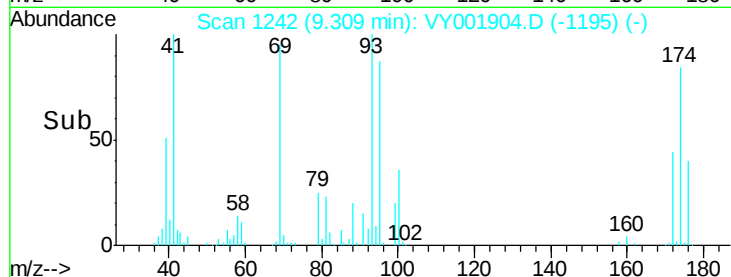
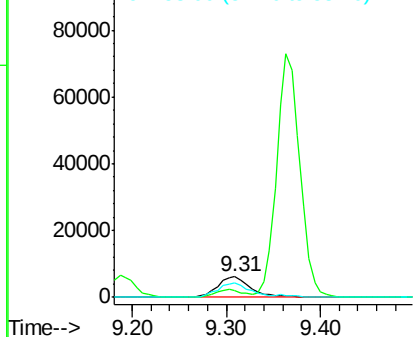


Abundance

Ion 88.00 (87.70 to 88.70): VY0

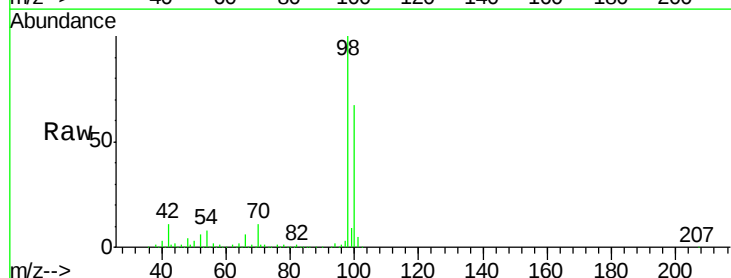
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
 Toluene-d8
 Concen: 50.454 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

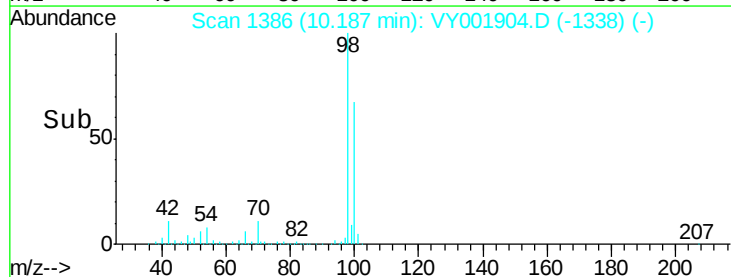
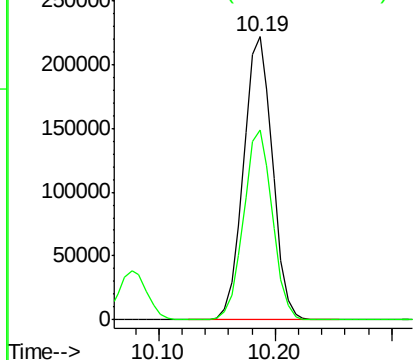
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





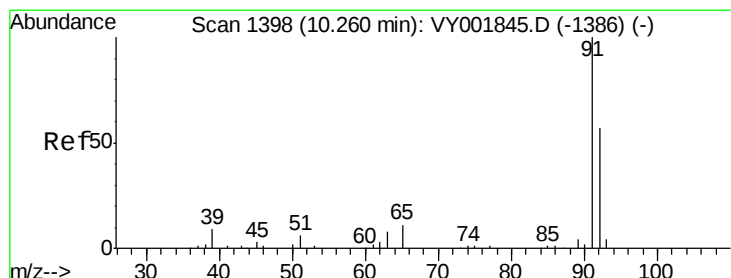
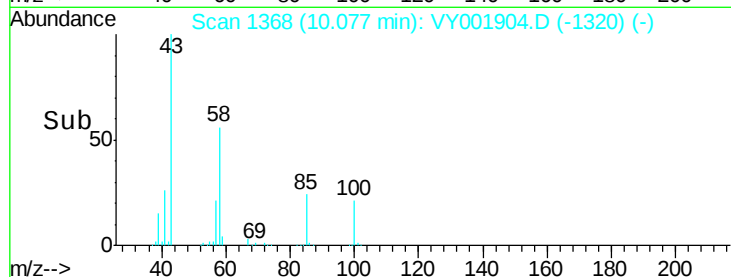
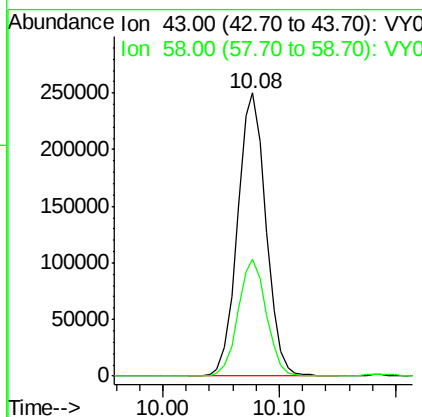
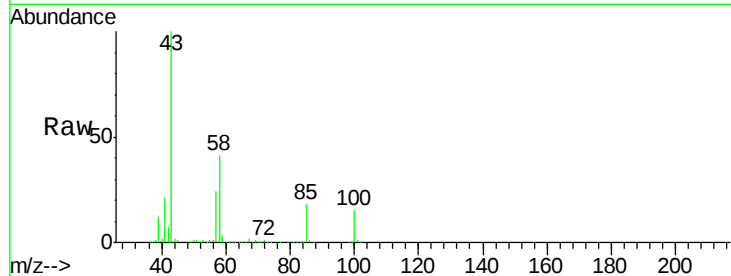
#51
4-Methyl-2-Pentanone
Concen: 235.902 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 424800
Ion Ratio Lower Upper
43 100
58 41.0 32.0 48.0

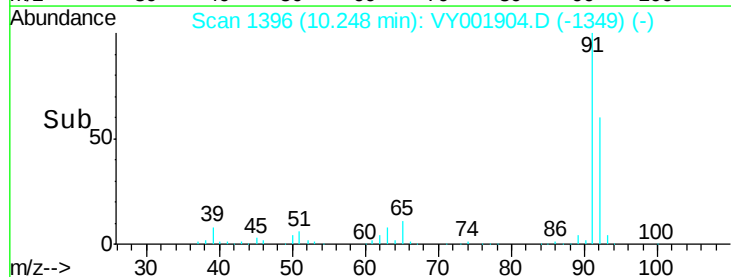
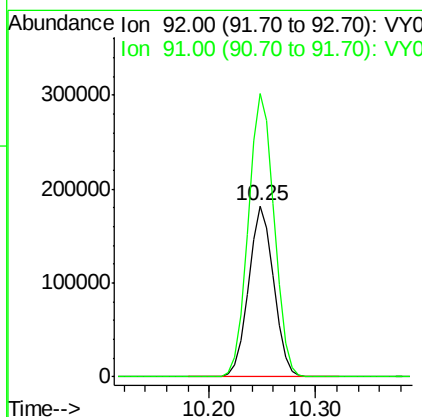
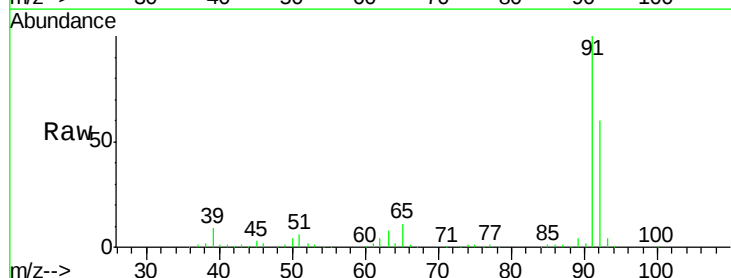
Manual Integrations
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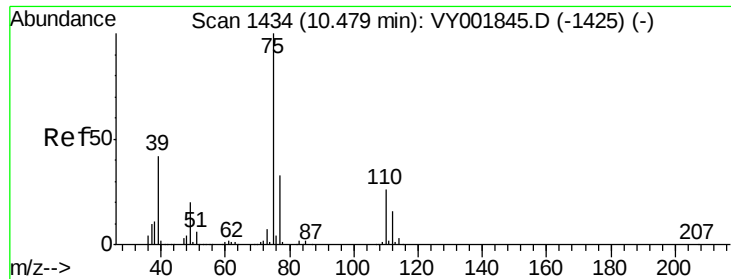
MMDadoda
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#52
Toluene
Concen: 52.635 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion: 92 Resp: 301111
Ion Ratio Lower Upper
92 100
91 170.7 138.6 208.0





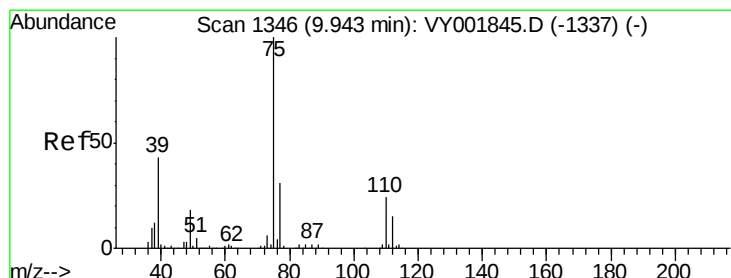
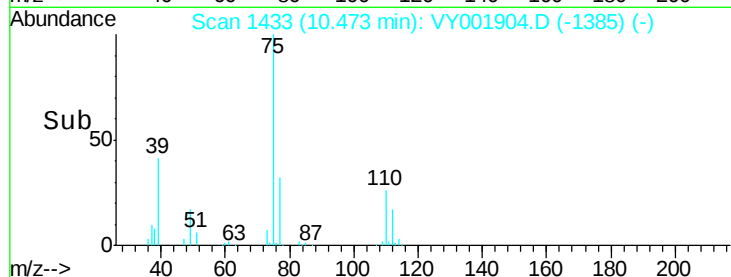
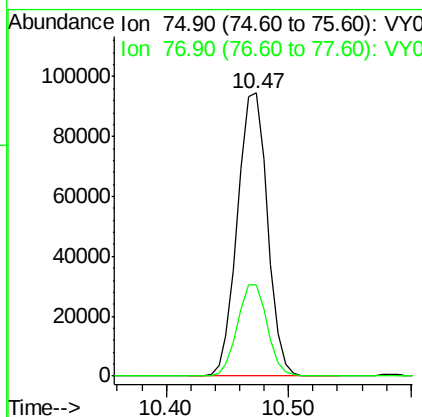
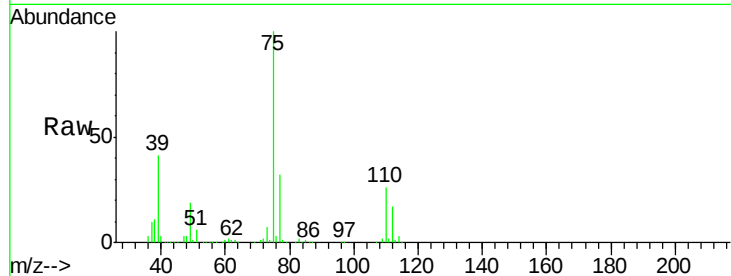
#53
t-1,3-Dichloropropene
Concen: 52.083 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.3	39.5

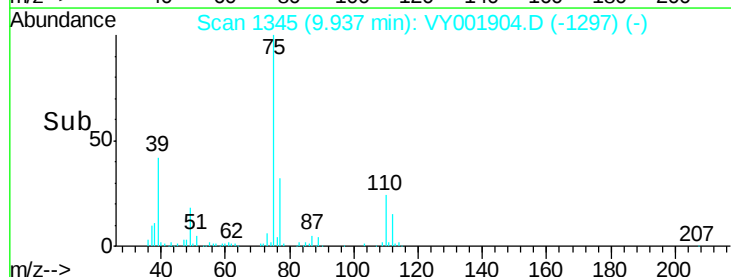
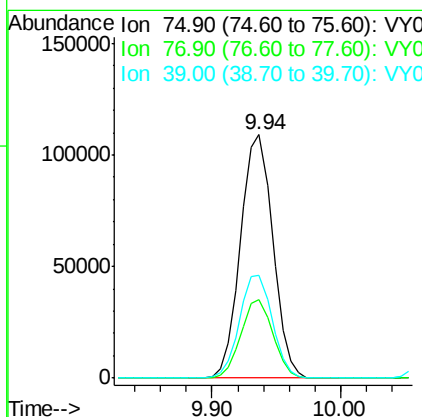
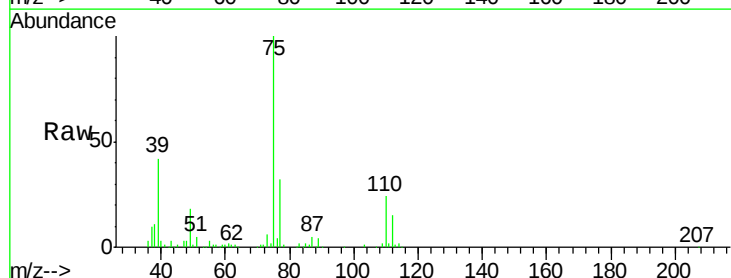
Manual Integrations
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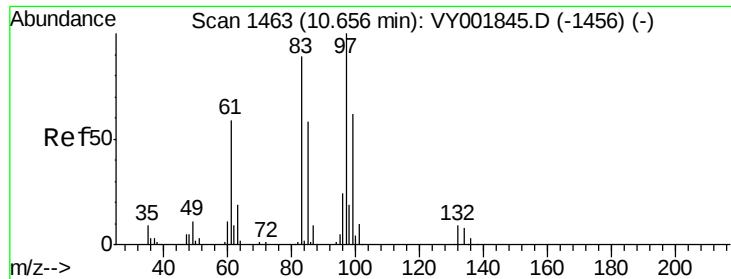
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#54
cis-1,3-Dichloropropene
Concen: 51.556 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.1	37.7
39	42.3	34.7	52.1





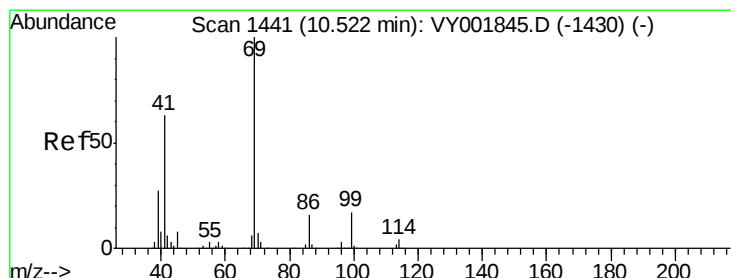
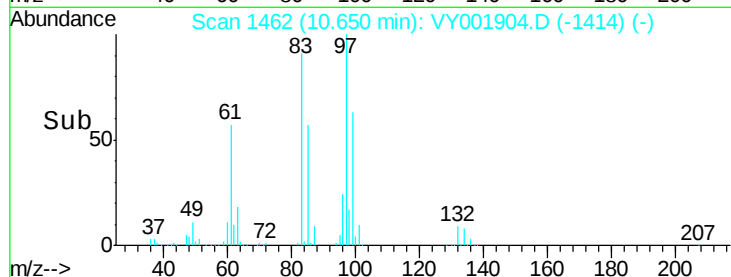
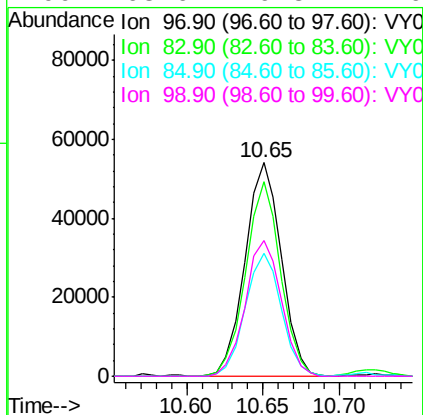
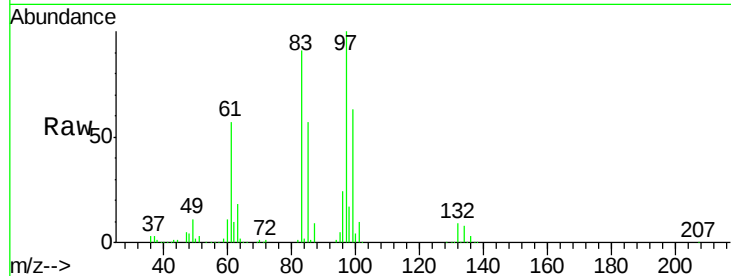
#55
 1,1,2-Trichloroethane
 Concen: 49.802 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.1	71.6	107.4
85	57.4	46.6	69.8
99	63.6	49.8	74.6

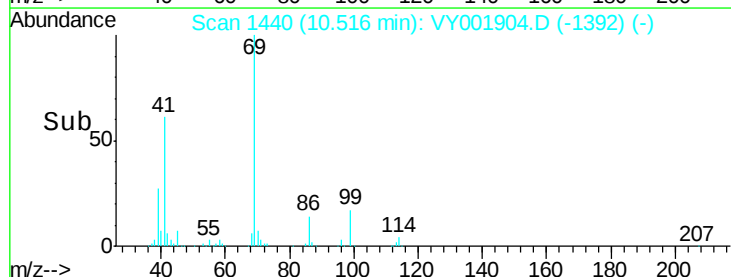
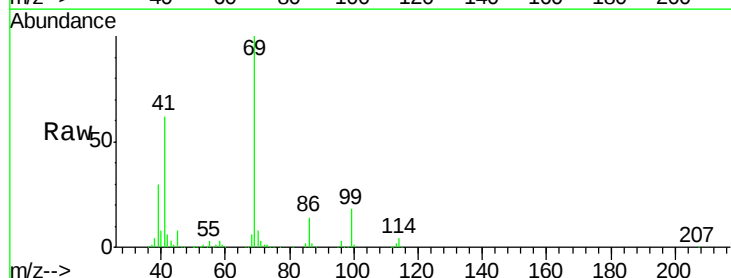
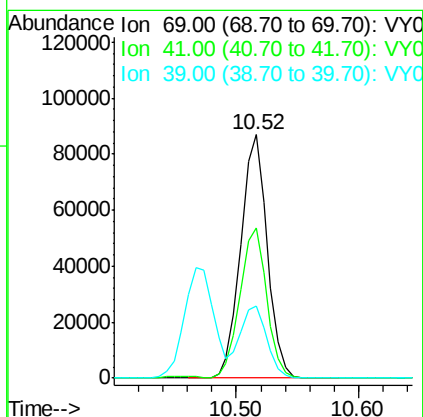
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#56
 Ethyl methacrylate
 Concen: 49.916 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	49.9	74.9
39	30.6	23.0	34.6





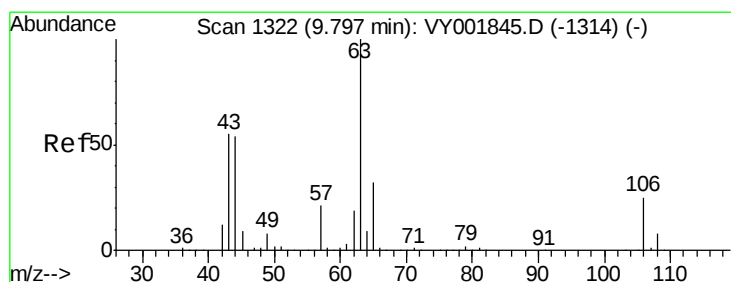
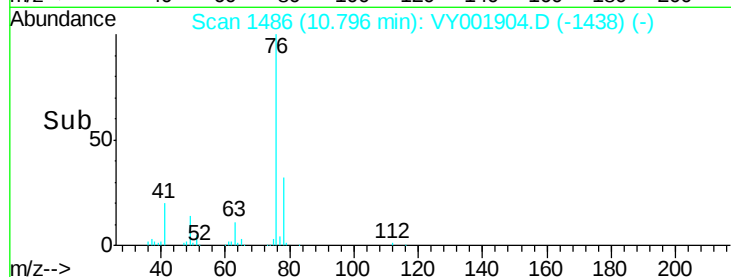
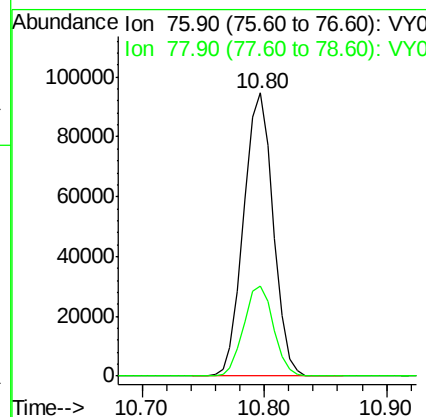
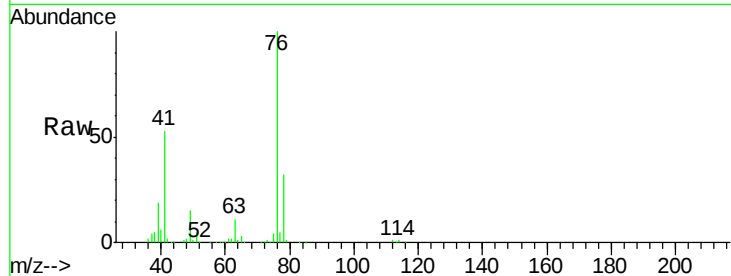
#57
 1,3-Dichloropropane
 Concen: 49.787 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

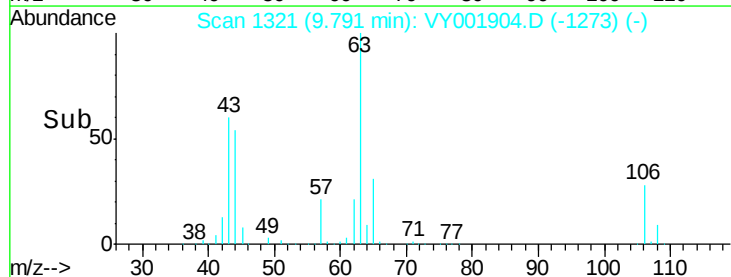
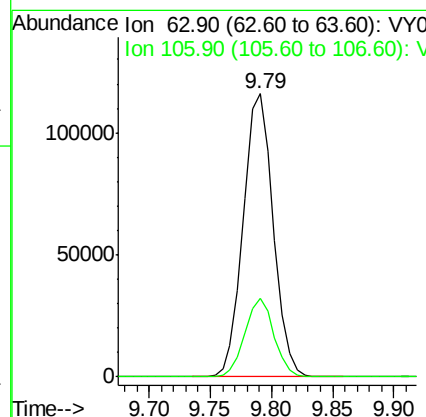
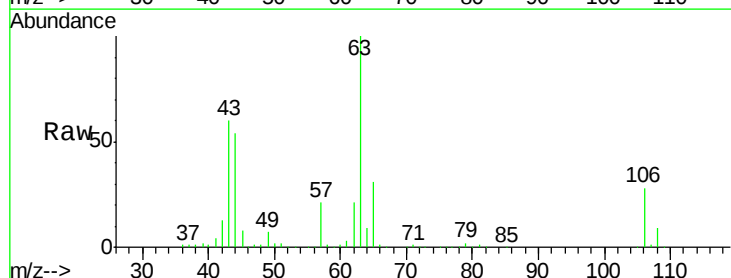
Manual Integrations
 APPROVED

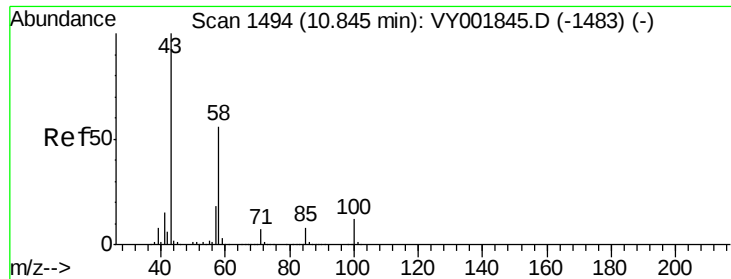
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#58
 2-Chloroethyl Vinyl ether
 Concen: 209.914 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.3	31.9





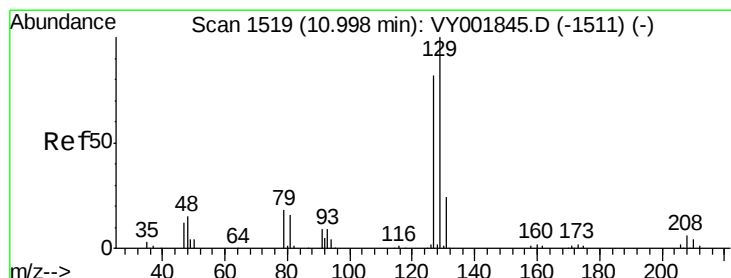
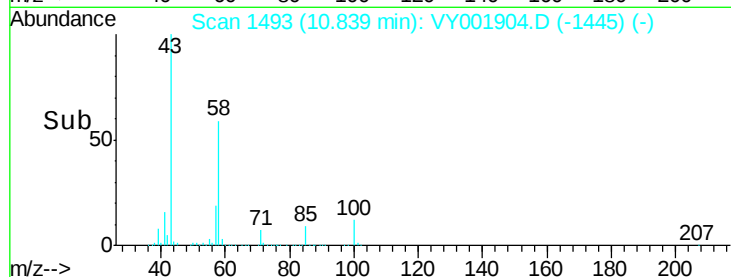
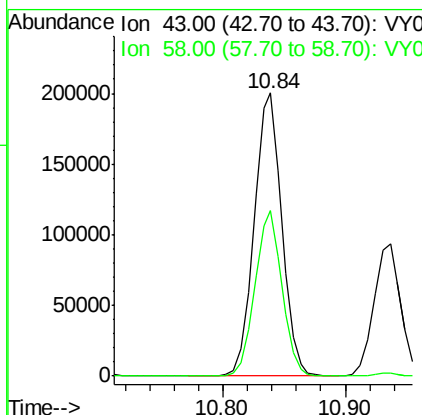
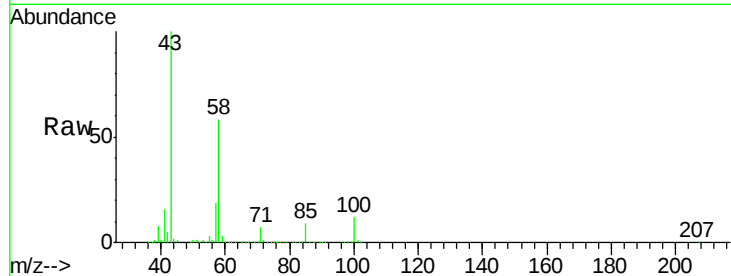
#59
2-Hexanone
Concen: 245.478 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 315510
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3

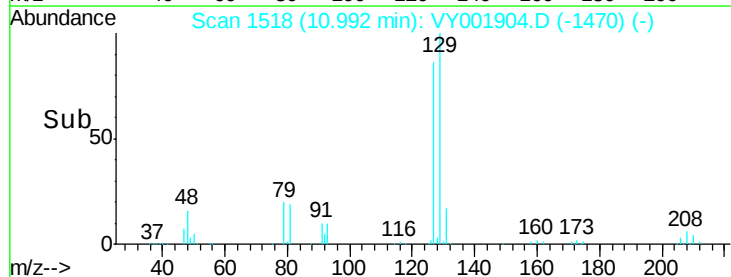
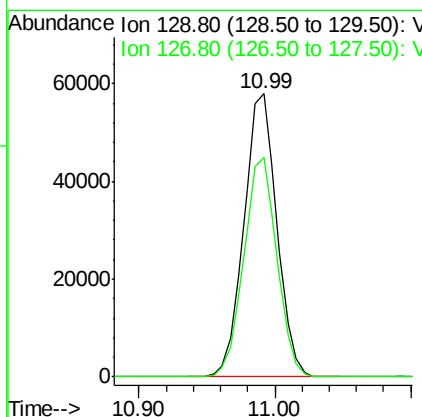
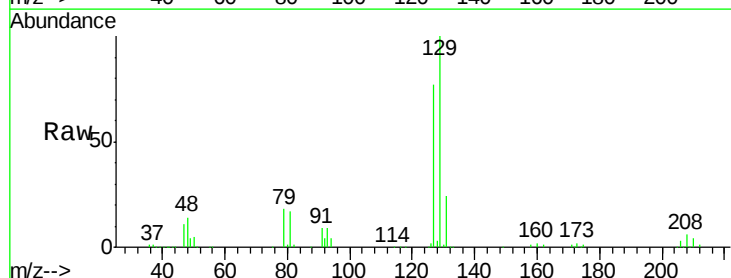
Manual Integrations
APPROVED

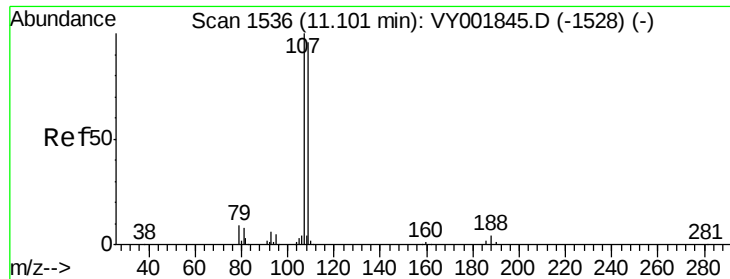
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#60
Dibromochloromethane
Concen: 52.036 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion: 129 Resp: 97895
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





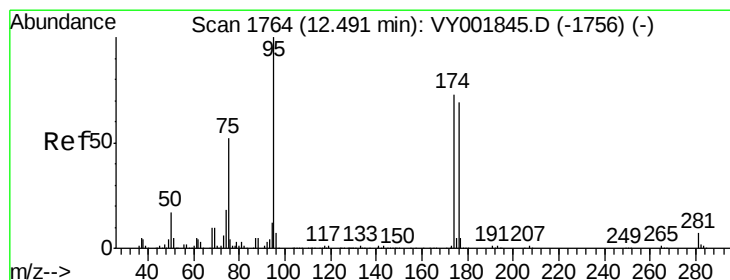
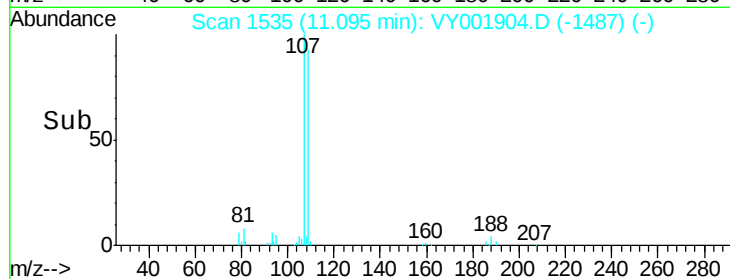
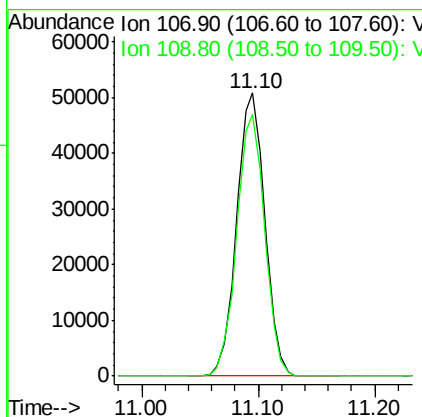
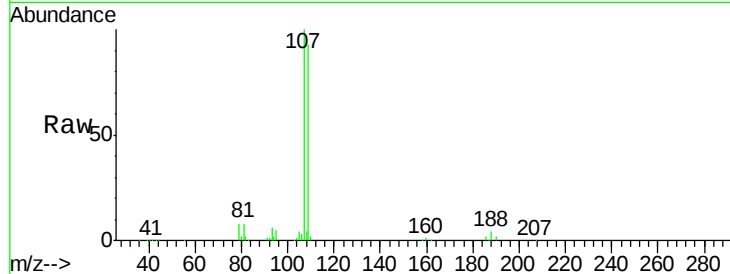
#61
 1,2-Dibromoethane
 Concen: 50.666 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.4	113.0

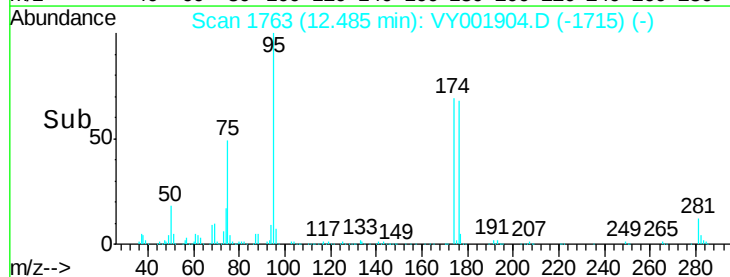
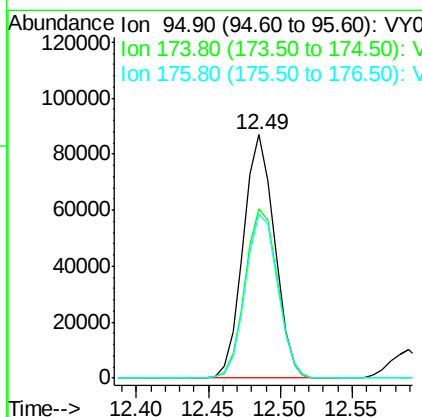
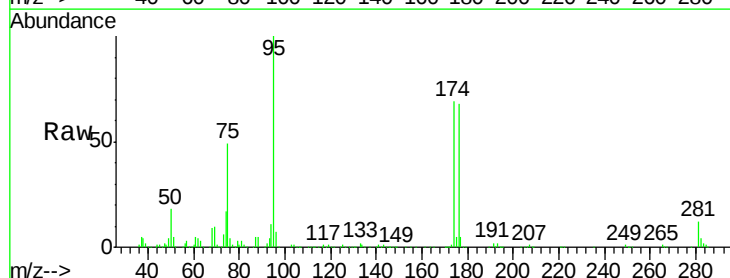
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 49.552 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	145.0
176	69.4	0.0	137.4





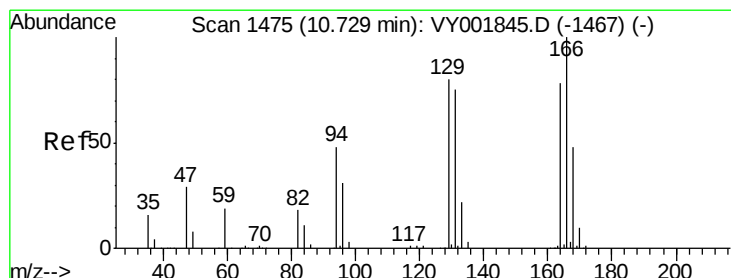
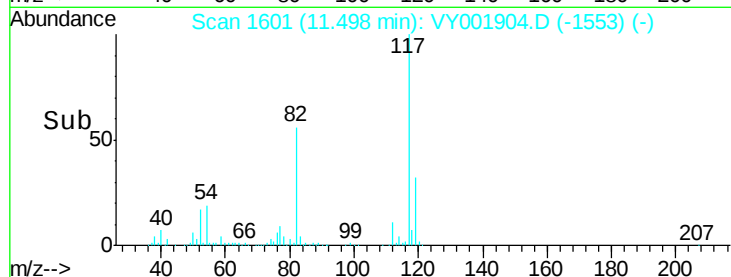
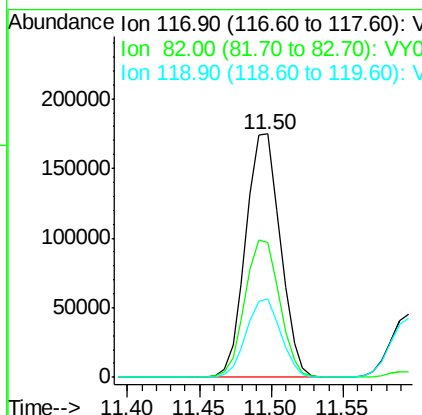
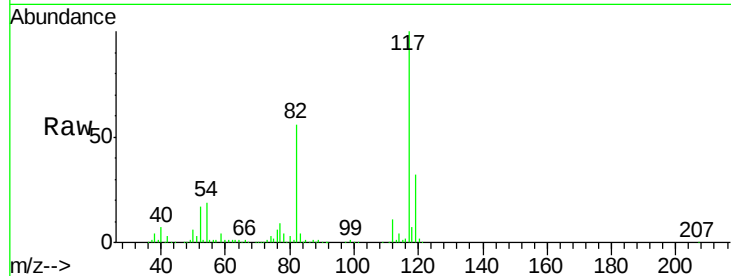
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	290383		
82	55.5		44.5	66.7
119	32.4		25.7	38.5

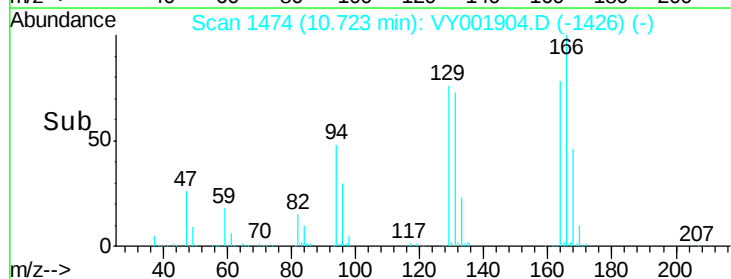
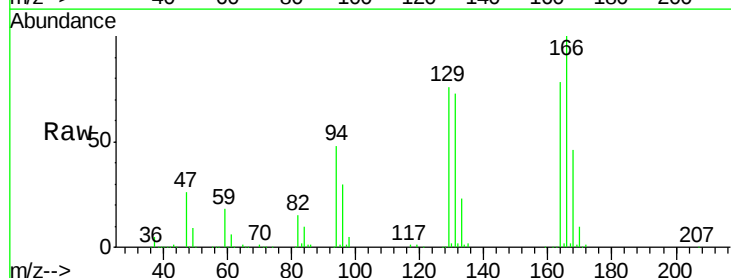
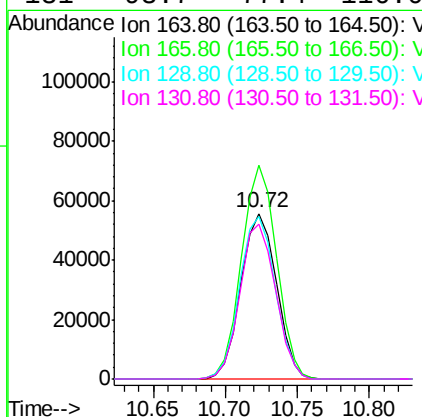
Manual Integrations
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#64
Tetrachloroethene
Concen: 52.304 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	95248		
166	128.9		102.6	154.0
129	98.4		82.3	123.5
131	93.7		77.4	116.0





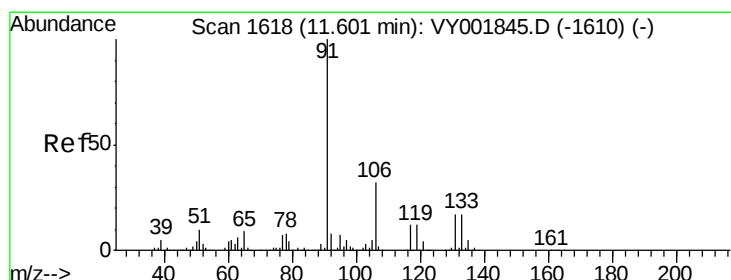
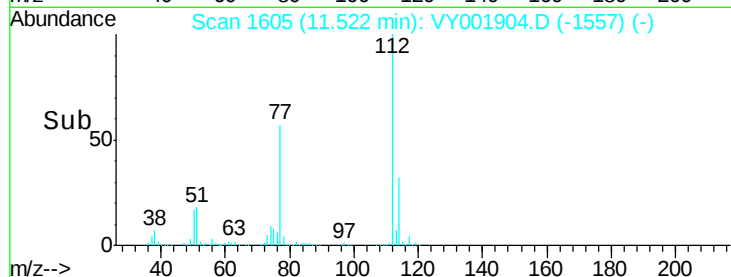
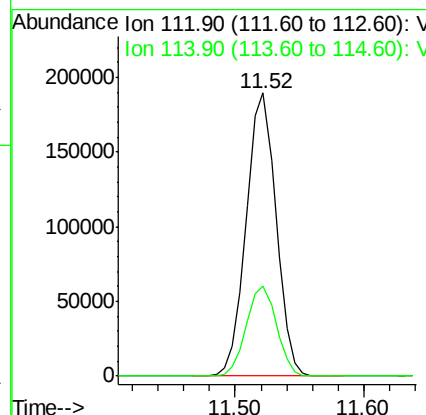
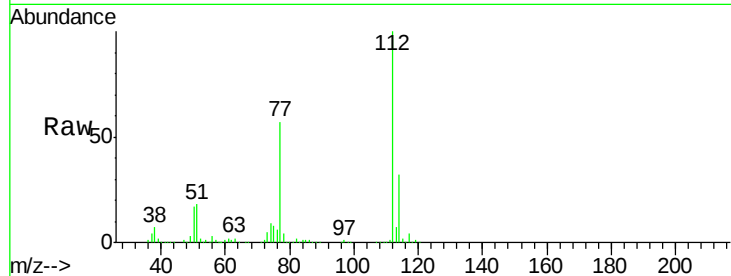
#65
Chlorobenzene
Concen: 52.332 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.9	38.9

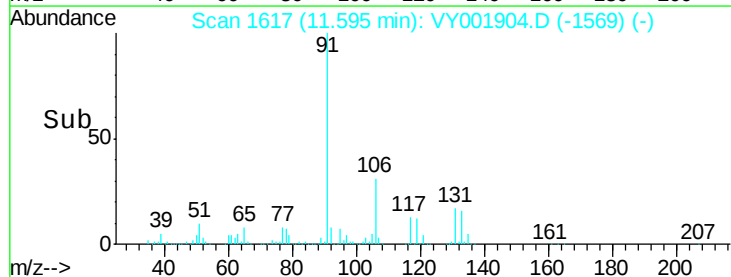
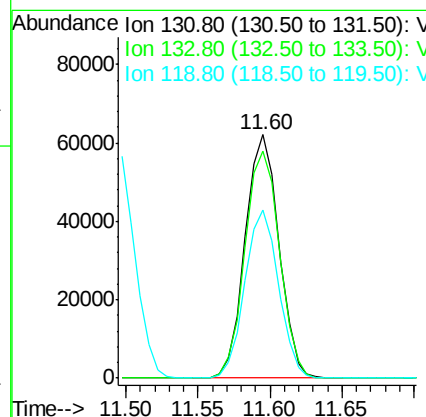
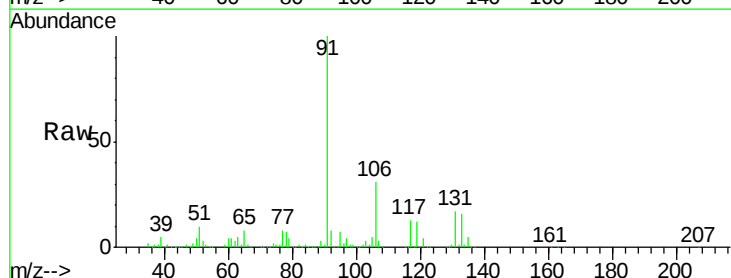
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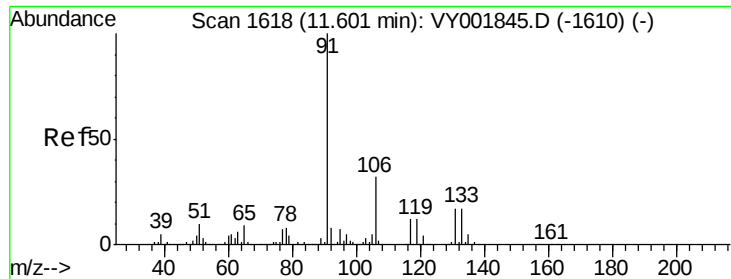
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.201 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.1	141.3
119	68.9	34.5	103.6





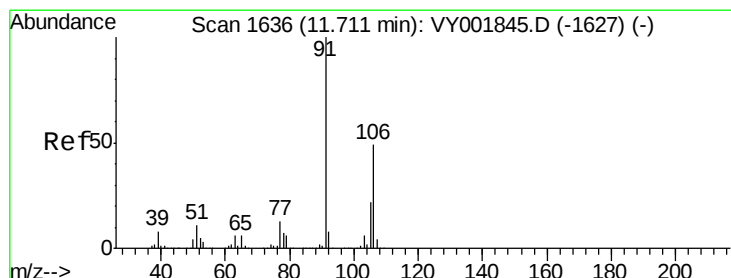
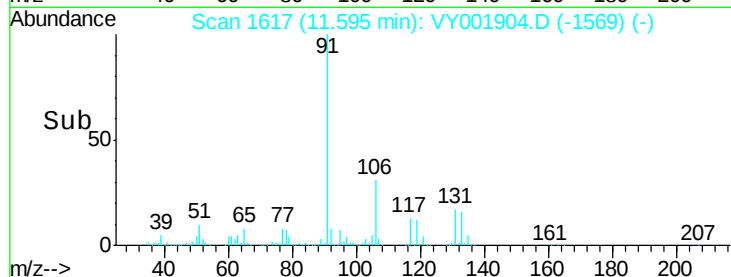
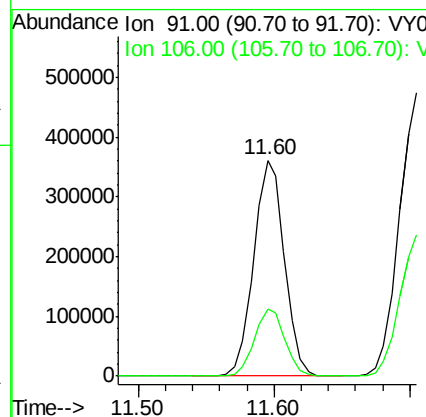
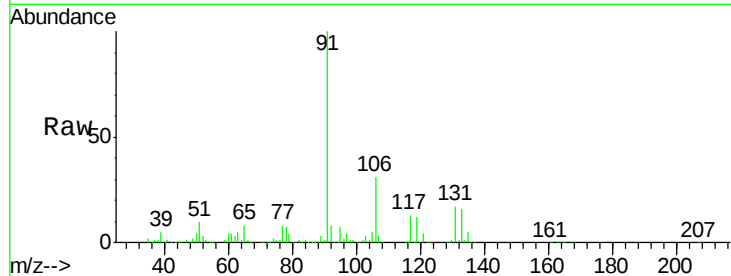
#67
Ethyl Benzene
Concen: 52.738 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 569088
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2

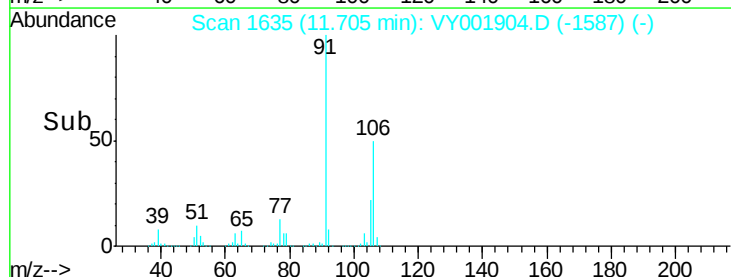
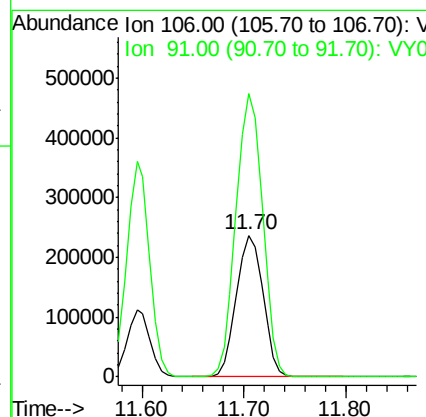
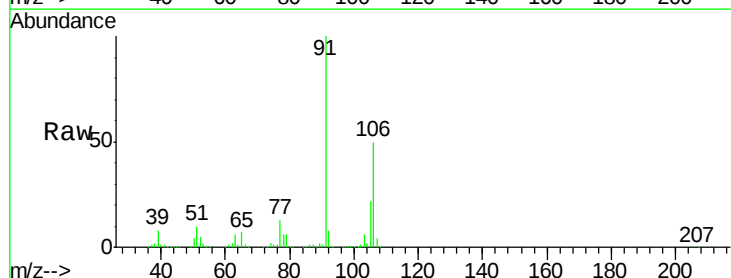
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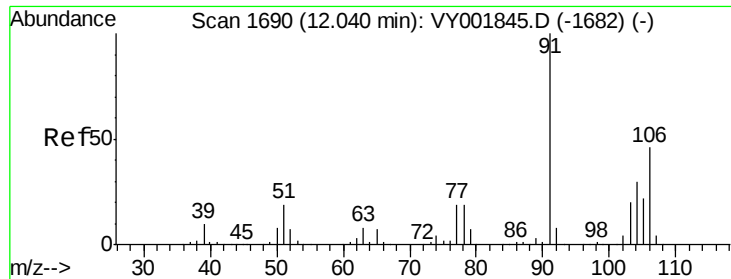
MMDadoda
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#68
m/p-Xylenes
Concen: 107.435 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion: 106 Resp: 428612
Ion Ratio Lower Upper
106 100
91 200.5 161.3 241.9





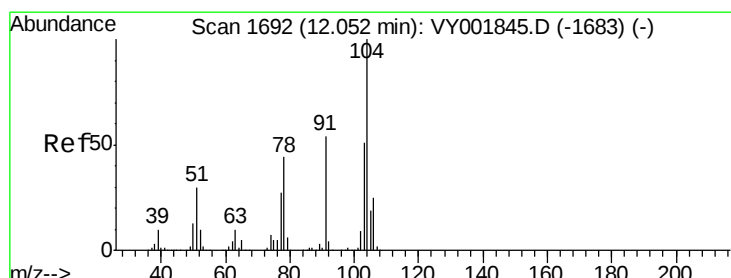
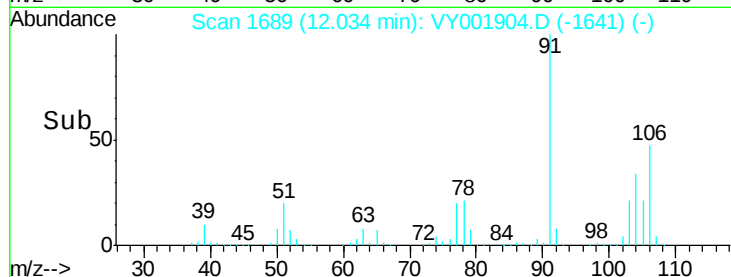
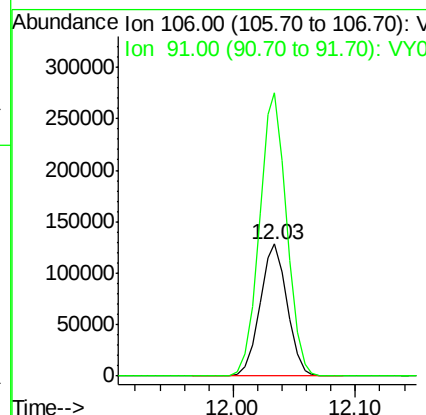
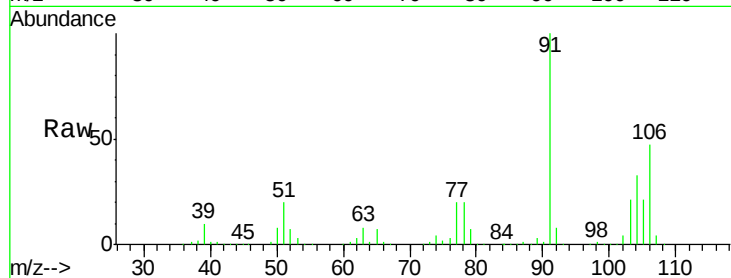
#69
o-Xylene
Concen: 52.707 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 198189
Ion Ratio Lower Upper
106 100
91 214.5 106.8 320.4

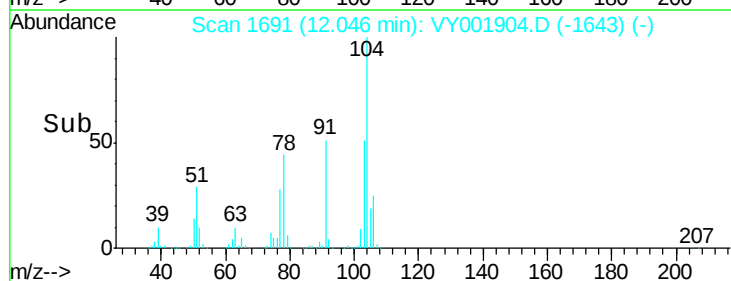
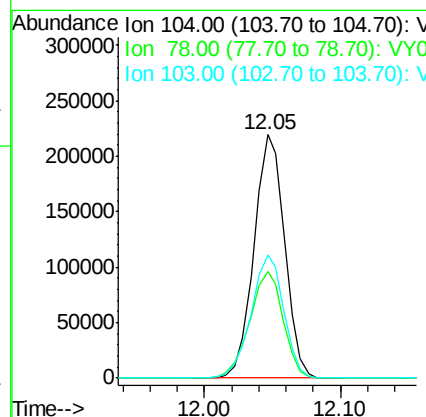
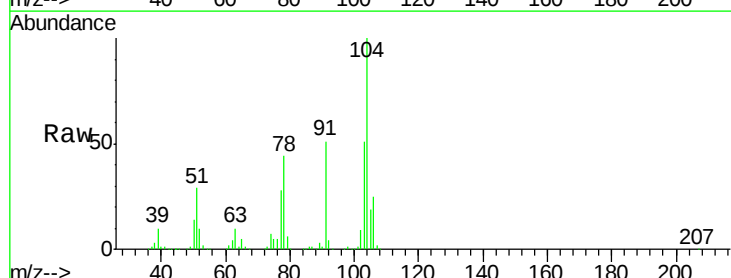
Manual Integrations
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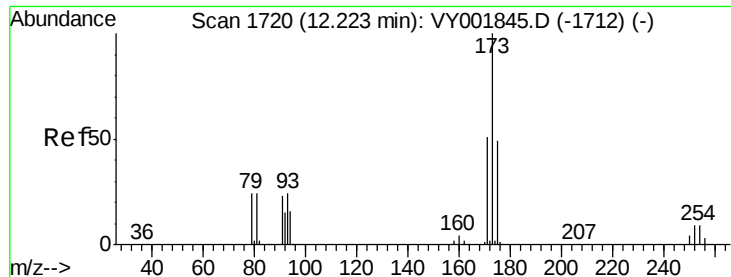
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#70
Styrene
Concen: 53.884 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion:104 Resp: 347023
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 53.8 42.9 64.3





#71

Bromoform

Concen: 52.739 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 54268

Ion Ratio Lower Upper

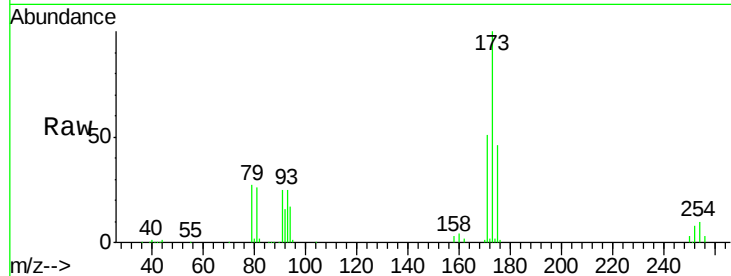
173 100

175 48.1 24.3 72.8

254 0.0 0.0 0.0

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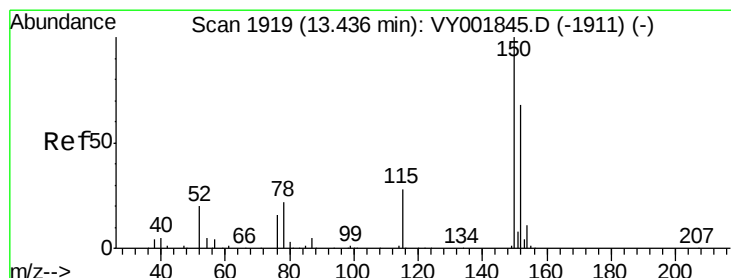
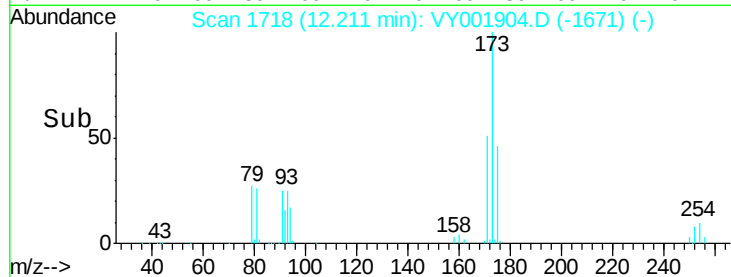
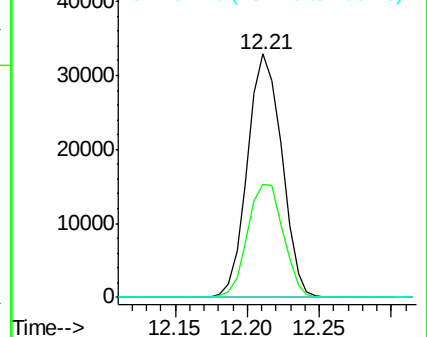
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

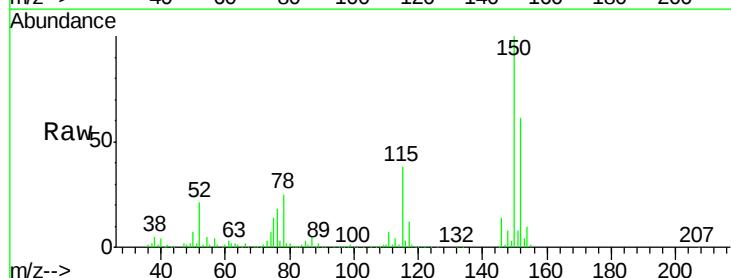
Tgt Ion:152 Resp: 131308

Ion Ratio Lower Upper

152 100

115 62.0 29.9 89.7

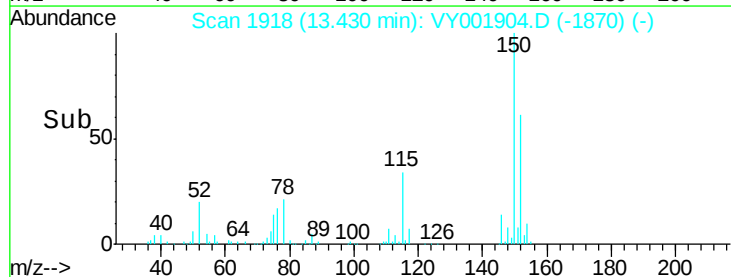
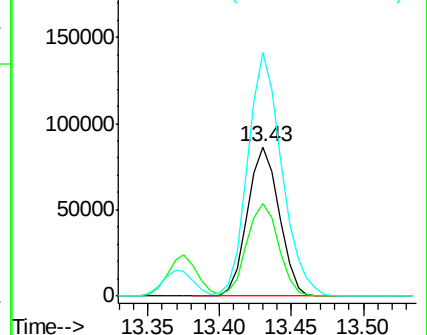
150 175.7 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





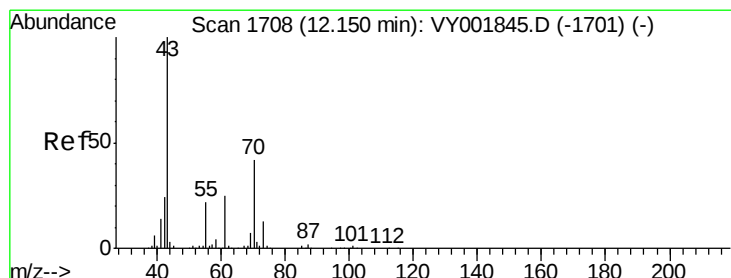
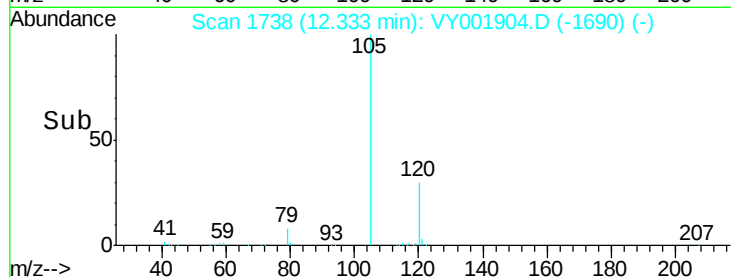
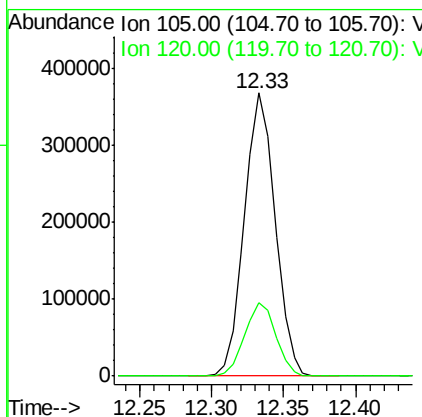
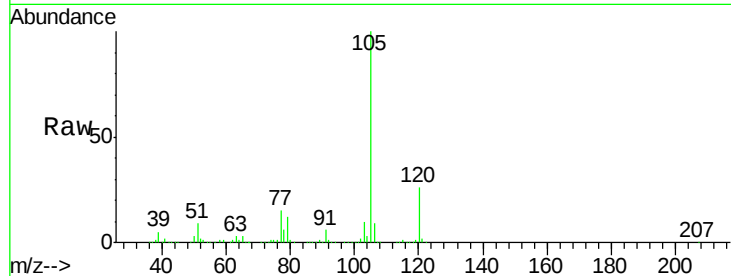
#73
Isopropylbenzene
Concen: 54.363 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	544917		
120	26.3		13.1	39.3

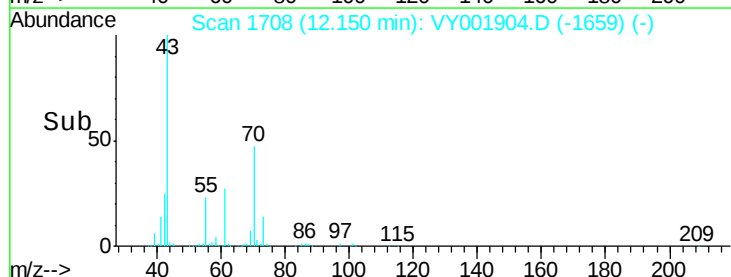
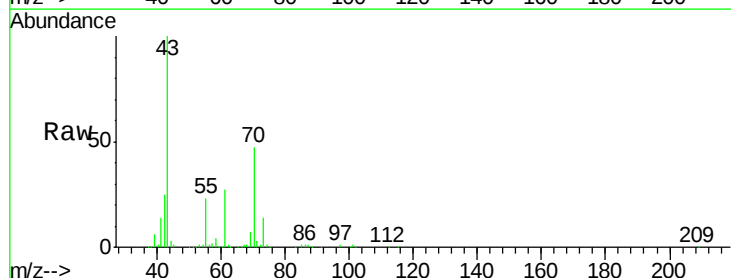
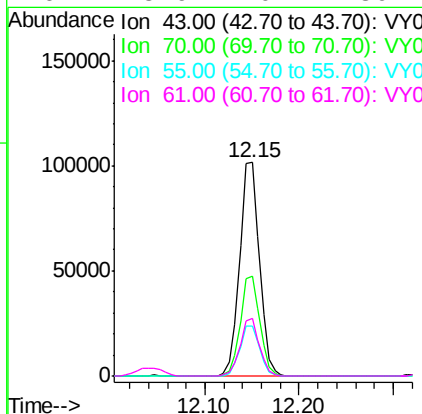
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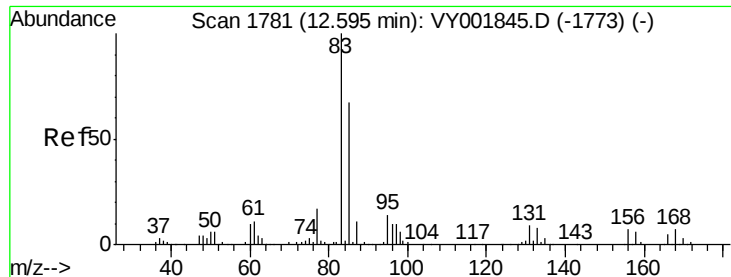
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#74
N-ethyl acetate
Concen: 48.287 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	148758		
70	45.8		34.7	52.1
55	23.7		18.2	27.4
61	25.9		20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.936 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

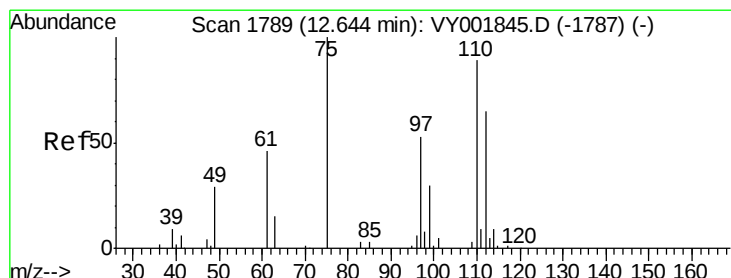
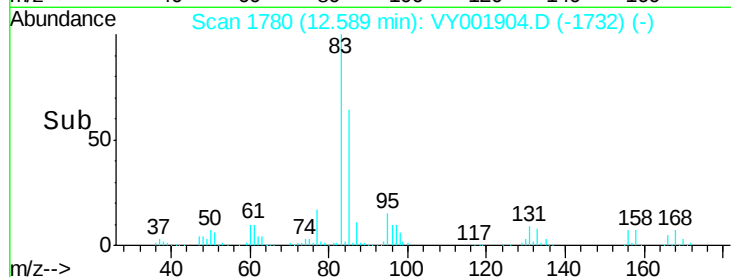
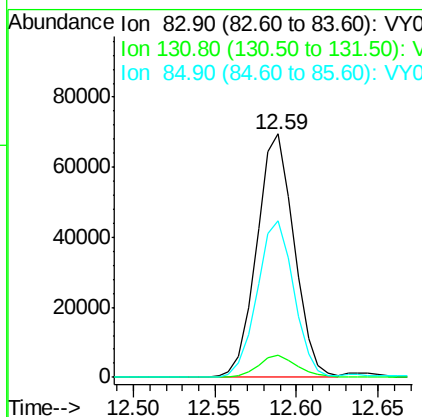
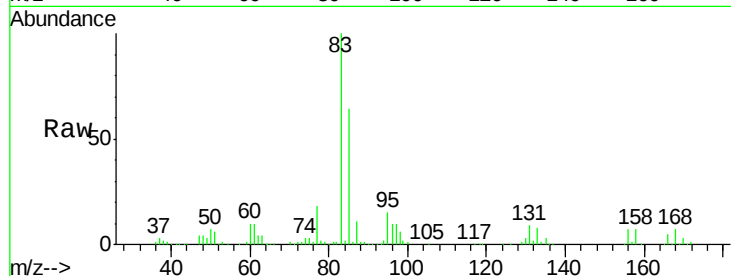
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	110102
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	63.8	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 46.924 ug/l m

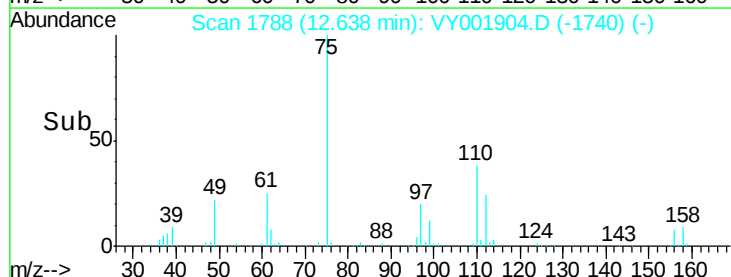
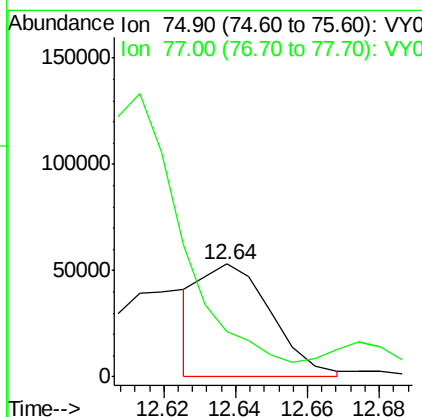
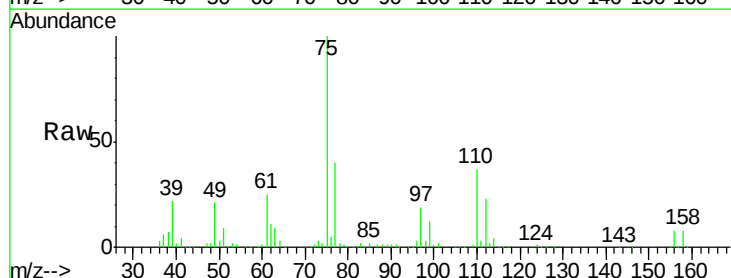
RT: 12.64 min Scan# 1788

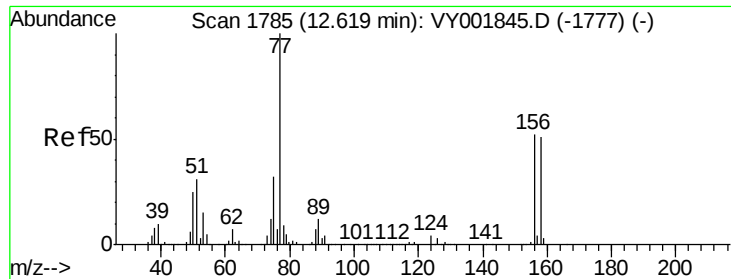
Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Tgt Ion:	75	Resp:	73111
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





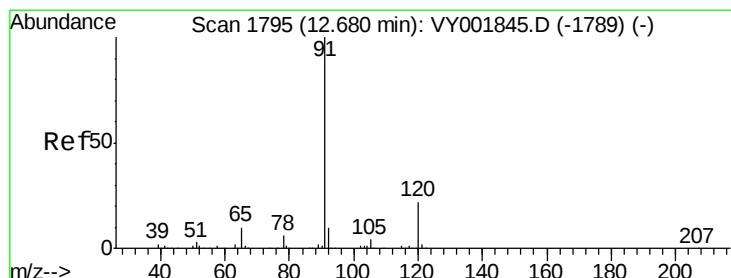
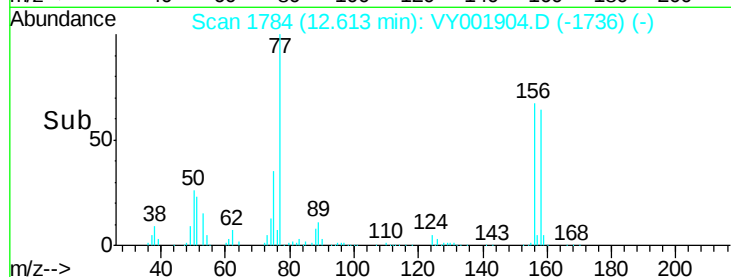
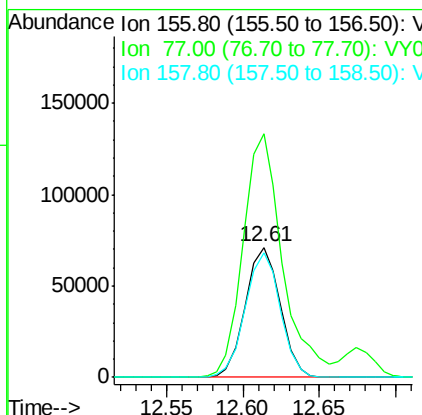
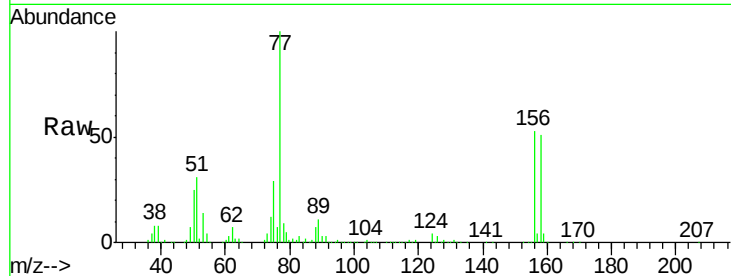
#77
Bromobenzene
Concen: 53.164 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	210.9	109.0	327.0
158	96.2	48.9	146.8

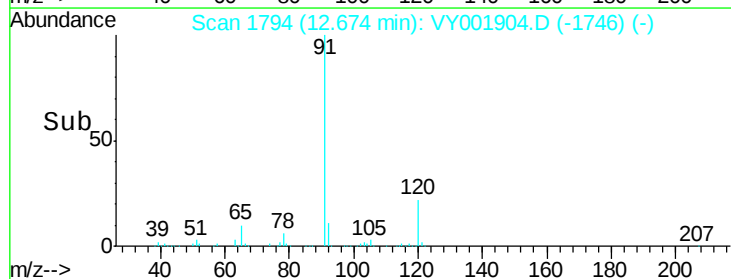
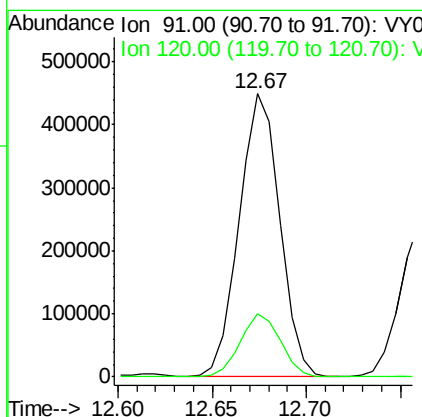
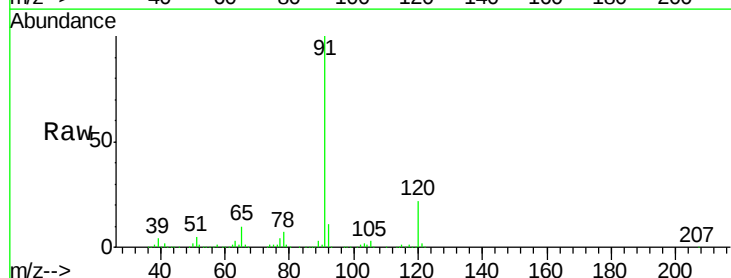
Manual Integrations
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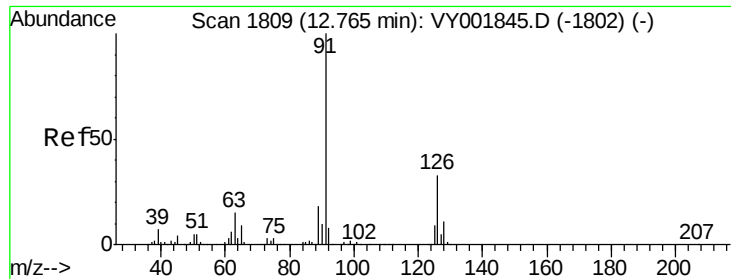
MMDadoda
3/10/2020 2:56:52 PM



#78
n-propylbenzene
Concen: 54.241 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.0	33.0





#79

2-Chlorotoluene

Concen: 53.729 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 367083

Ion Ratio Lower Upper

91 100

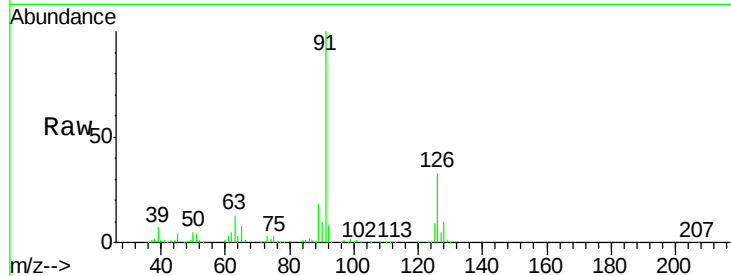
126 33.2 16.3 48.8

Manual Integrations

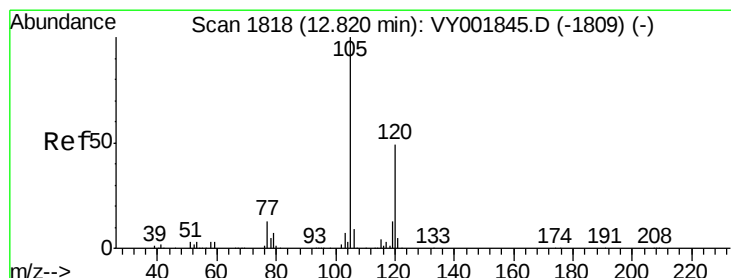
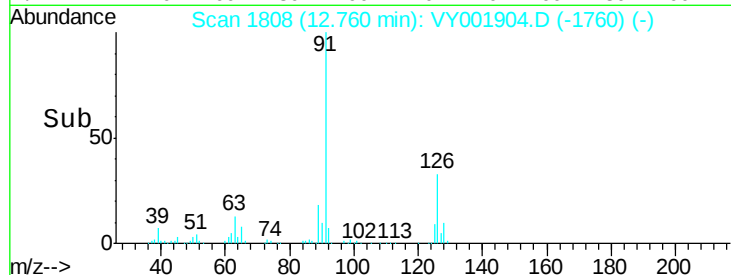
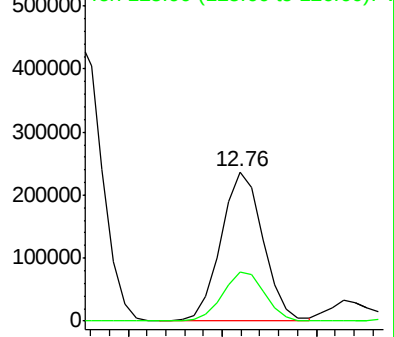
APPROVED

MMDadoda

3/10/2020 2:56:52 PM



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.458 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001904.D

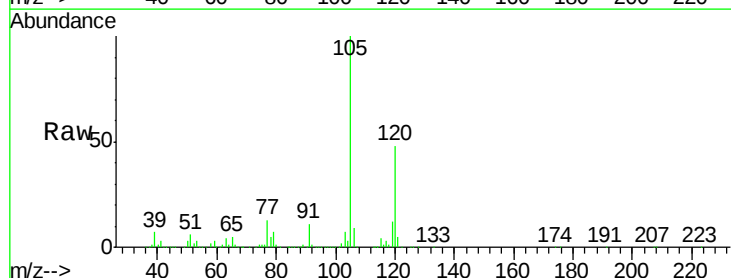
Acq: 09 Mar 2020 11:51

Tgt Ion: 105 Resp: 449381

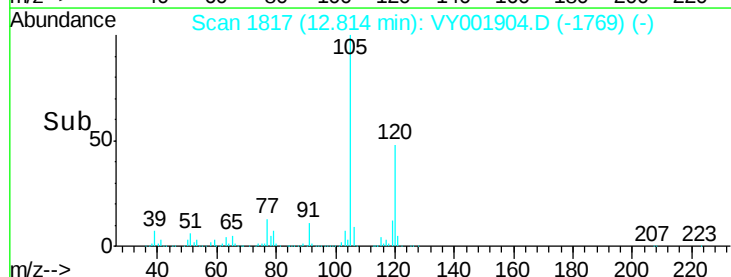
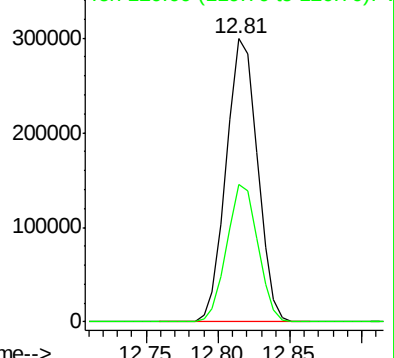
Ion Ratio Lower Upper

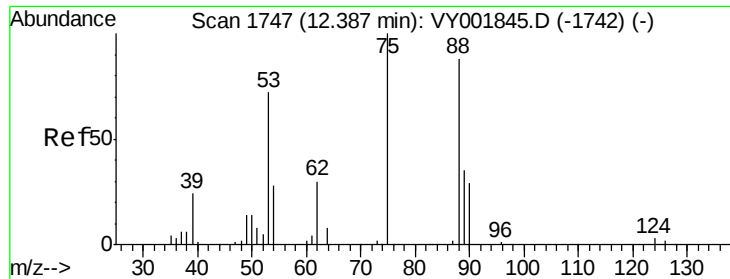
105 100

120 48.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





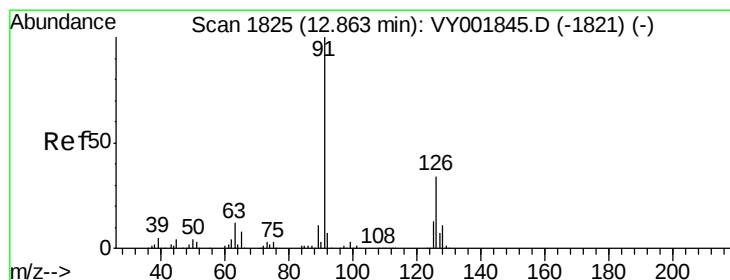
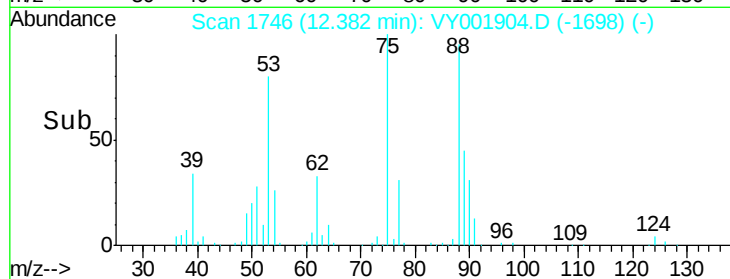
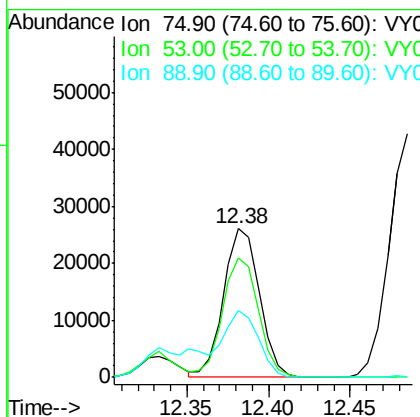
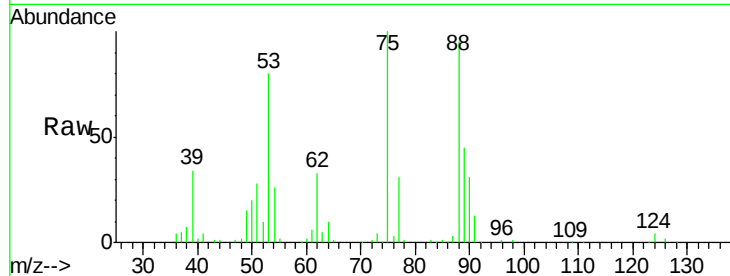
#81
trans-1,4-Dichloro-2-butene
Concen: 52.023 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
53	80.6	65.4	98.0	
89	43.2	36.0	54.0	

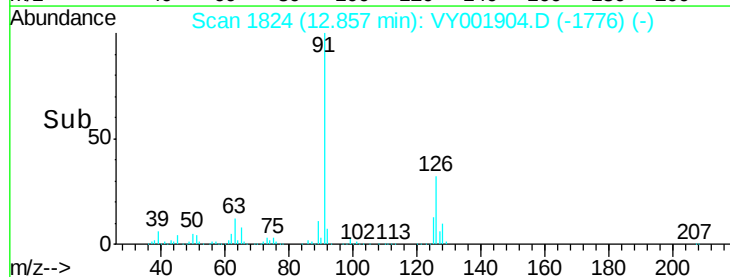
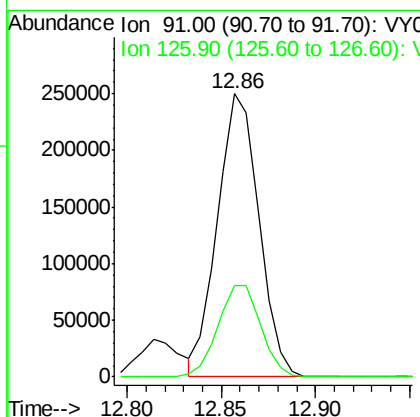
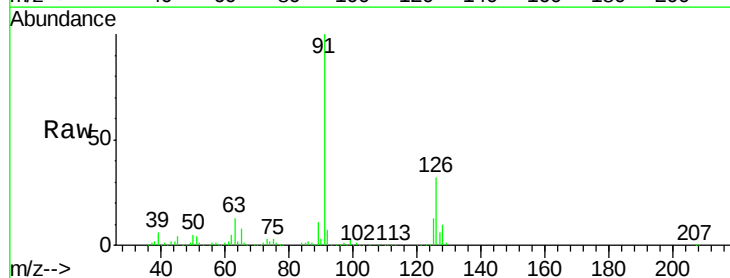
Manual Integrations
APPROVED

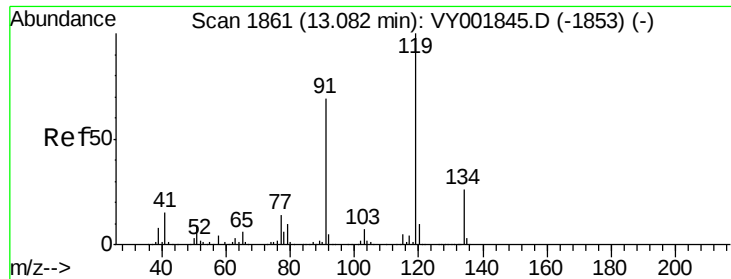
MMDadoda
3/10/2020 2:56:52 PM



#82
4-Chlorotoluene
Concen: 53.536 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
126	33.5	16.4	49.2	





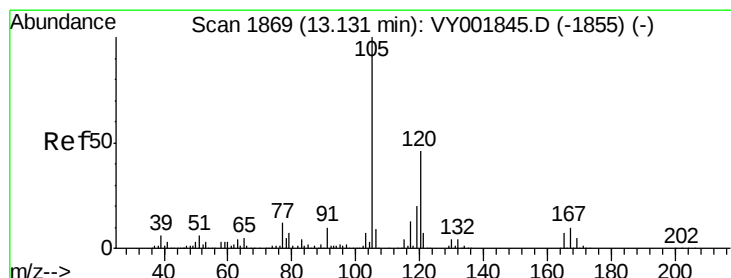
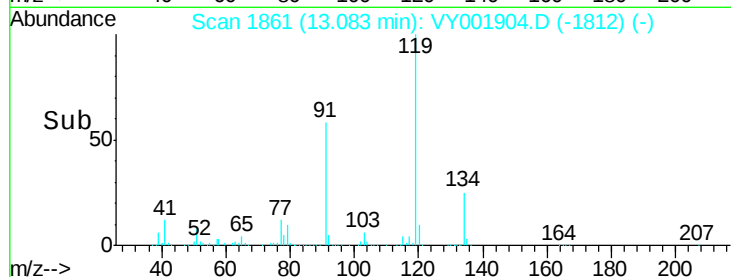
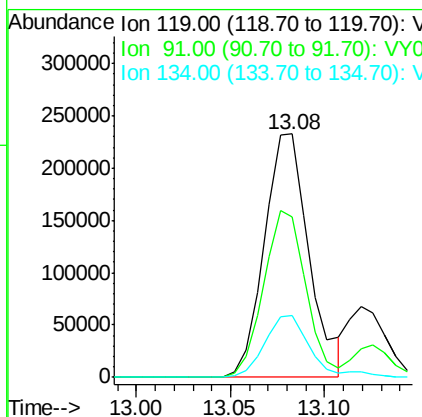
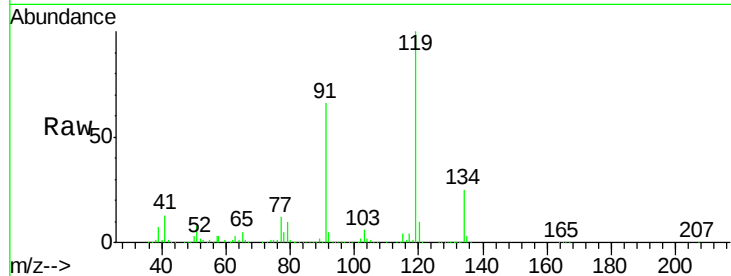
#83
tert-Butylbenzene
Concen: 56.060 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	34.0	101.8
134	26.0	13.5	40.4

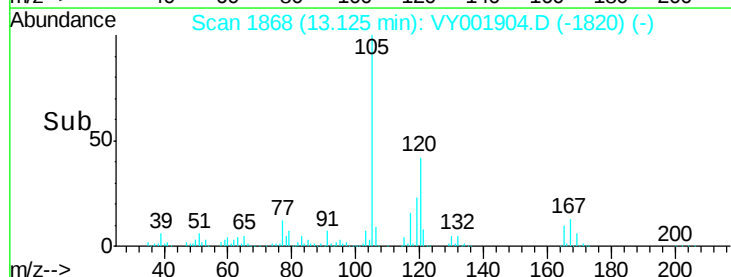
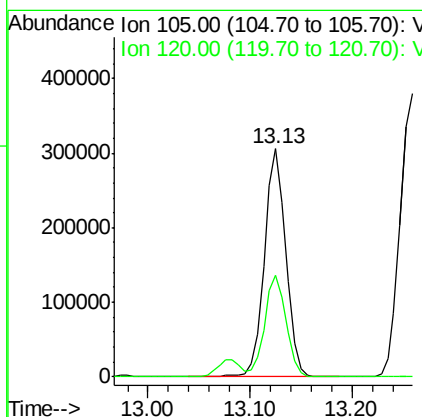
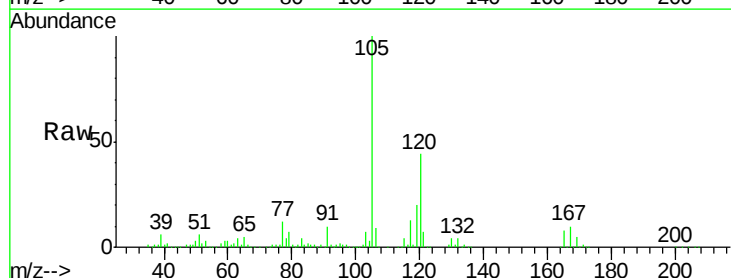
Manual Integrations
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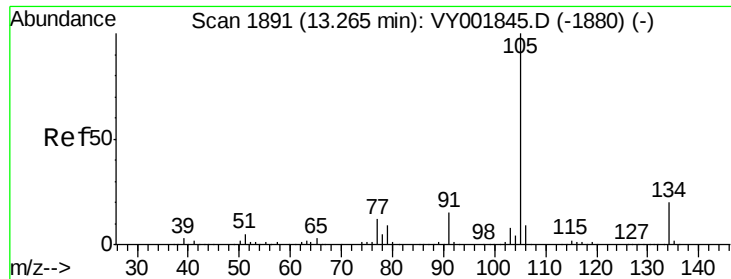
MMDadoda
3/10/2020 2:56:52 PM



#84
1,2,4-Trimethylbenzene
Concen: 54.266 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.6	67.7





#85

sec-Butylbenzene

Concen: 54.882 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 554443

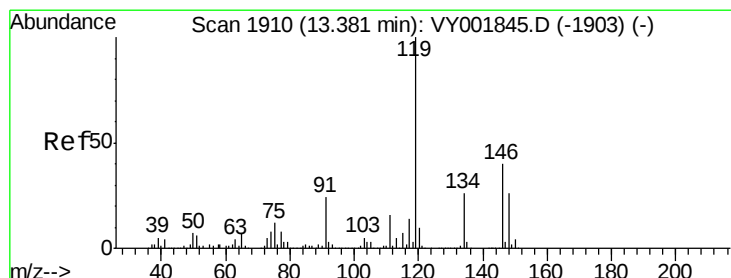
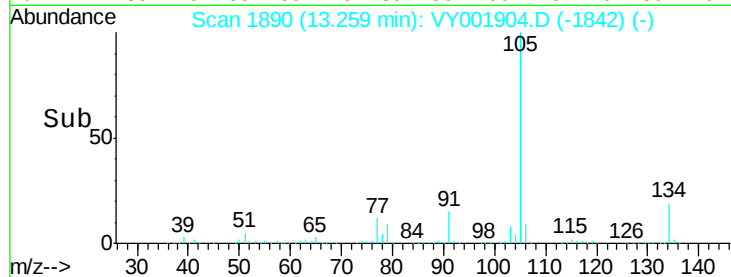
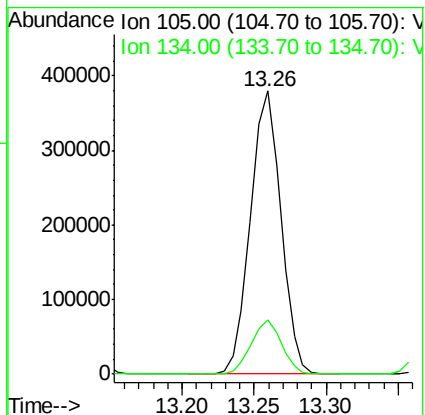
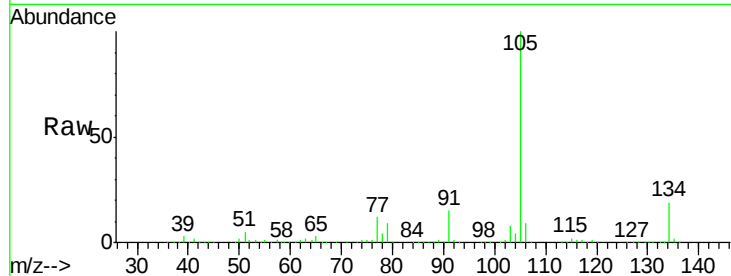
Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 54.988 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

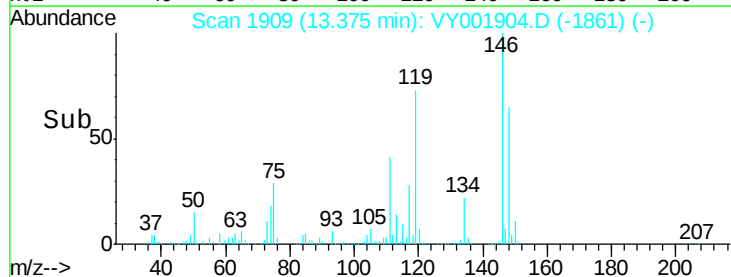
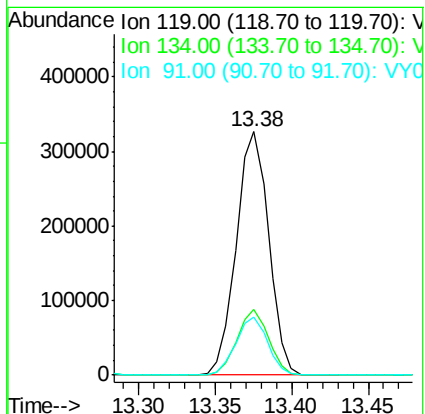
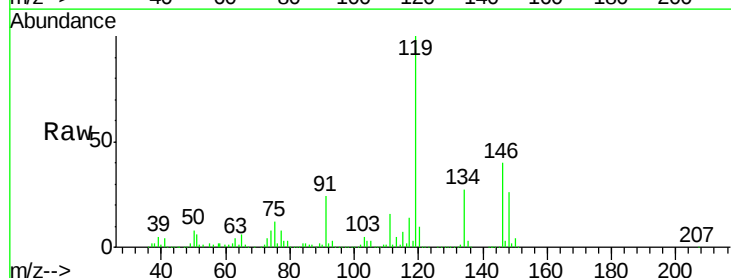
Tgt Ion:119 Resp: 479205

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.5 11.9 35.7





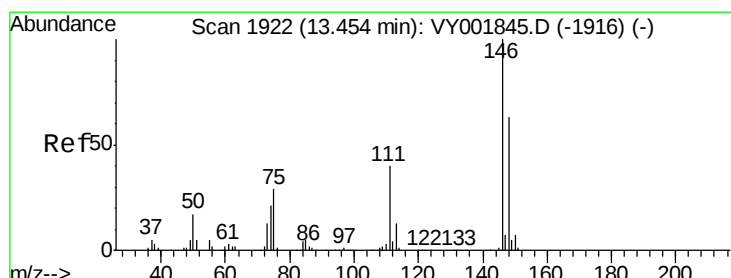
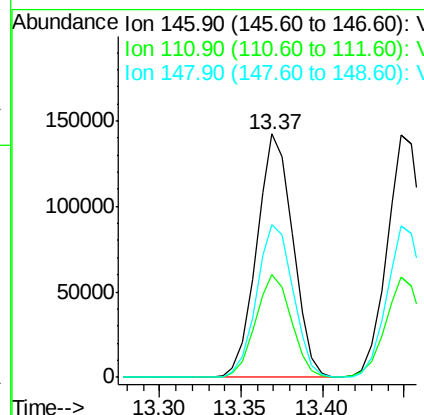
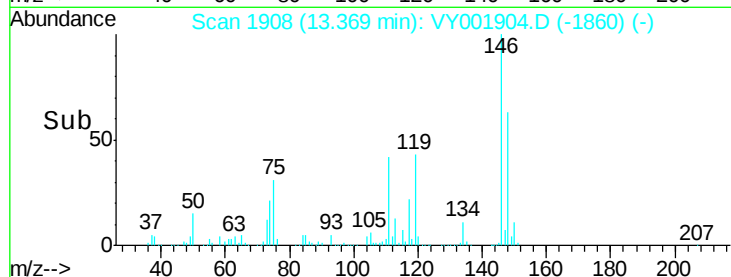
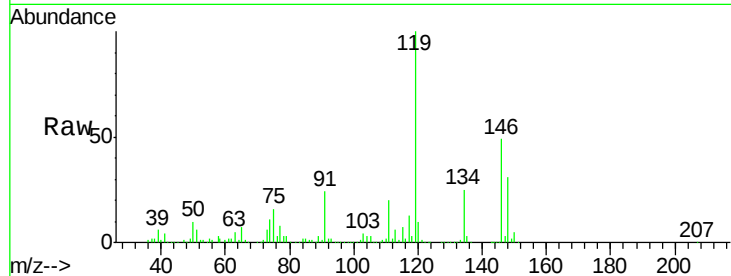
#87
 1,3-Dichlorobenzene
 Concen: 52.775 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	219628		
111	41.7	20.8	62.5	
148	63.4	31.4	94.0	

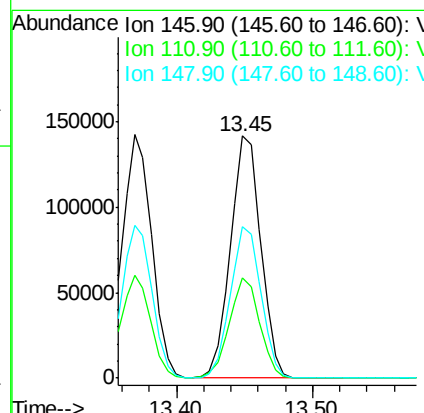
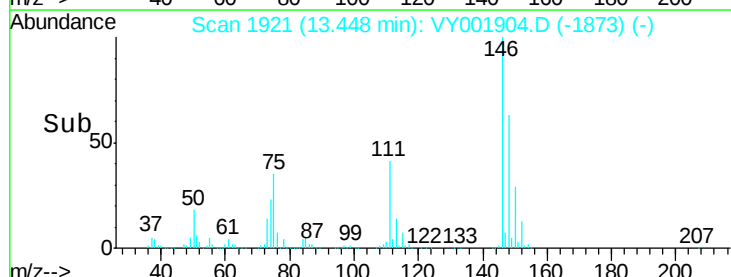
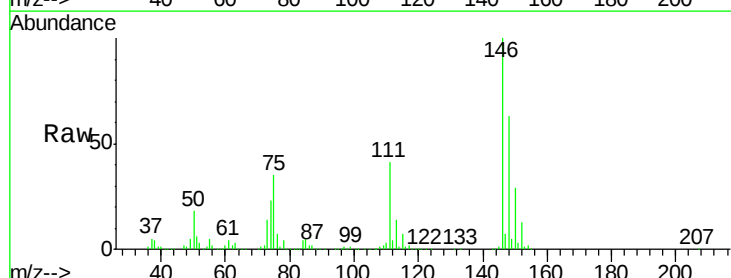
Manual Integrations
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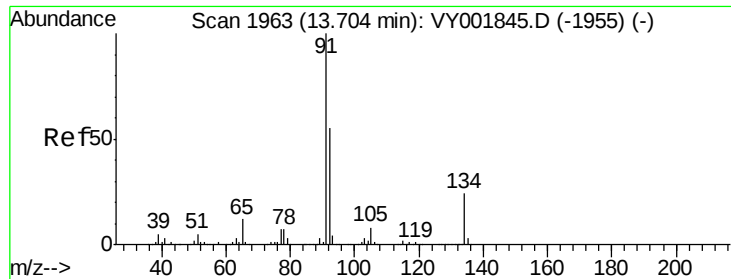
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 51.985 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	219474		
111	41.4	20.0	60.0	
148	63.0	31.5	94.5	





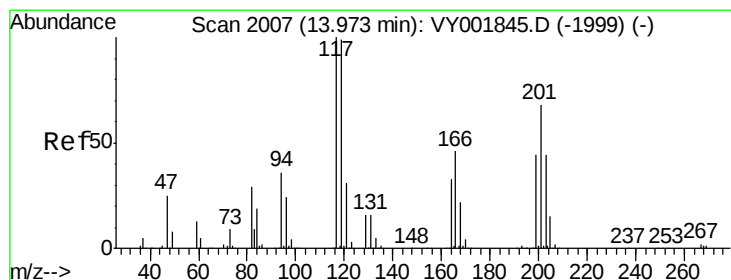
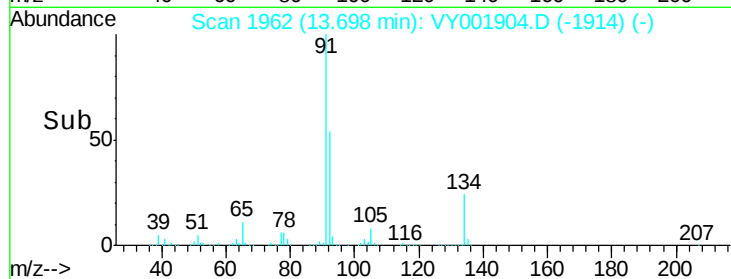
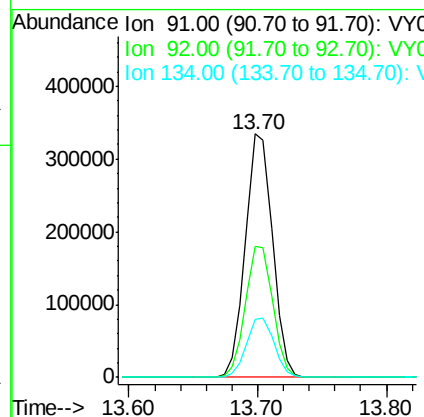
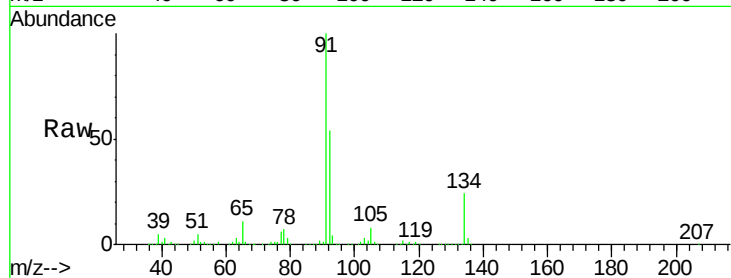
#89
n-Butylbenzene
Concen: 53.929 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.4
134	24.9	12.5	37.5

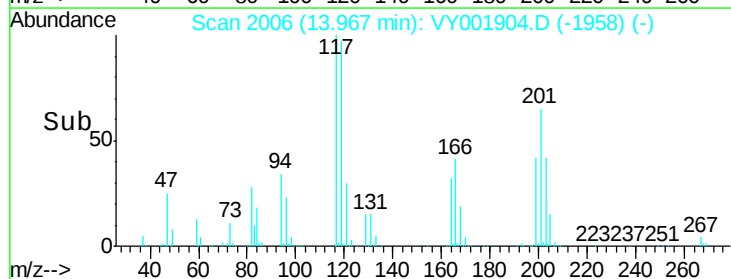
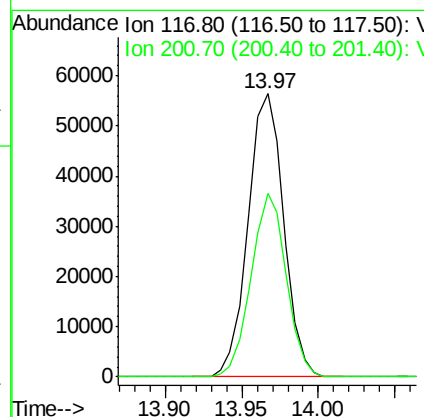
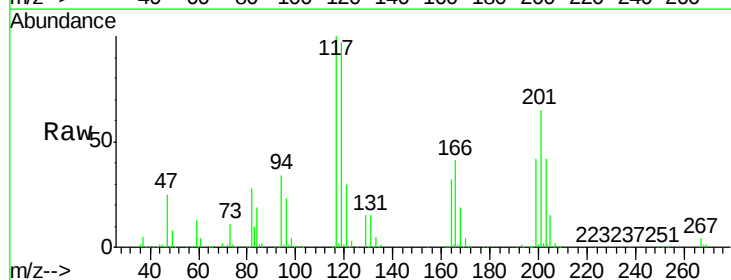
Manual Integrations
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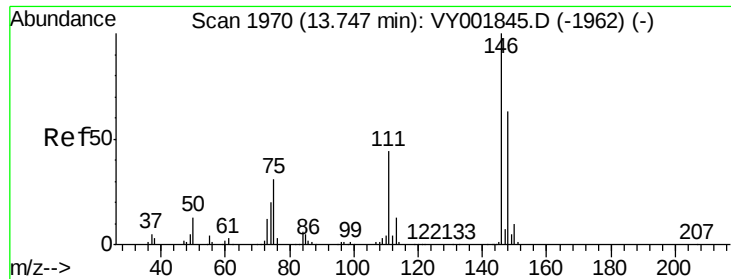
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#90
Hexachloroethane
Concen: 55.574 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.8	32.5	97.5





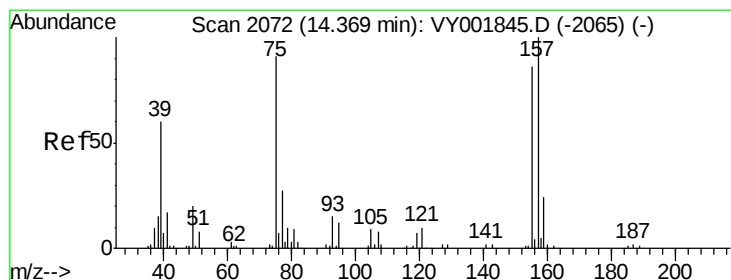
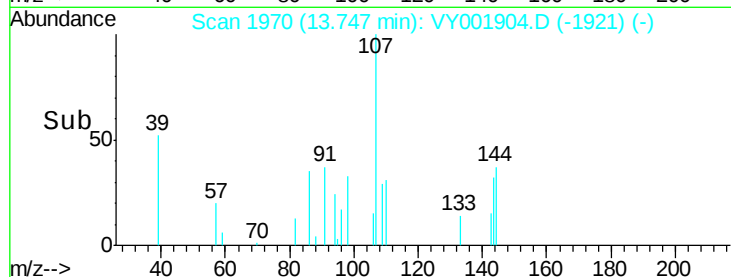
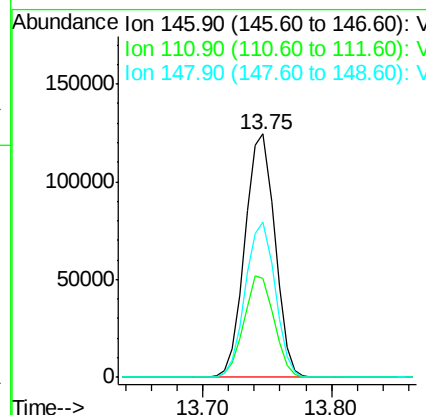
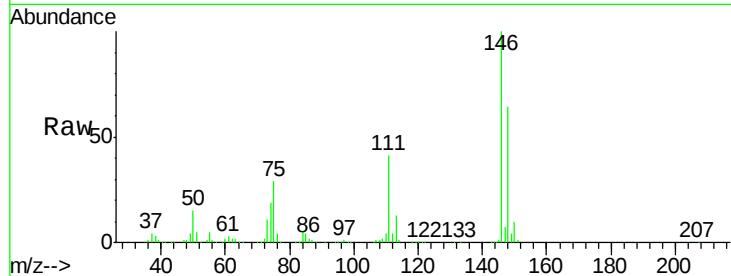
#91
 1,2-Dichlorobenzene
 Concen: 52.794 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.5	64.5
148	63.4	32.0	96.0

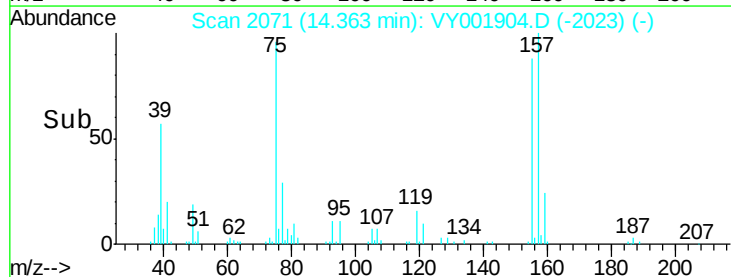
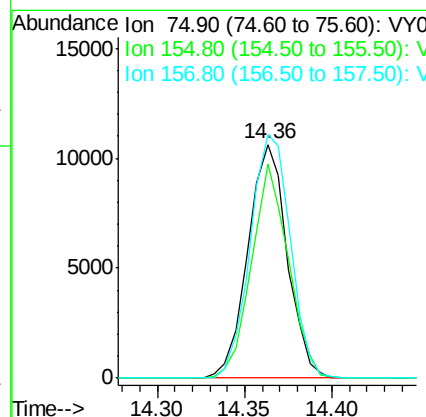
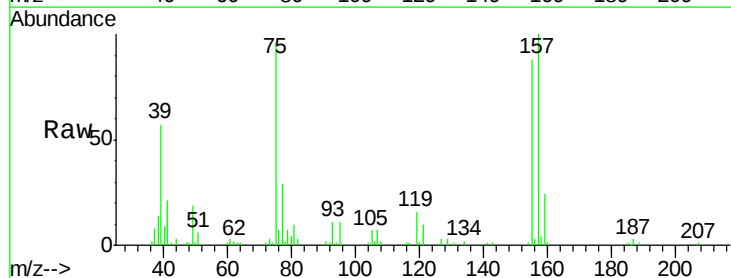
Manual Integrations
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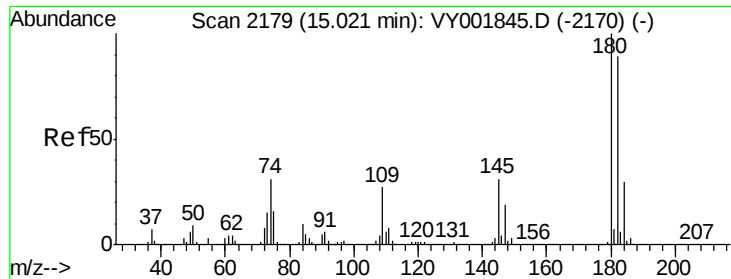
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.089 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001904.D
 Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	42.9	128.7
157	106.6	53.1	159.4





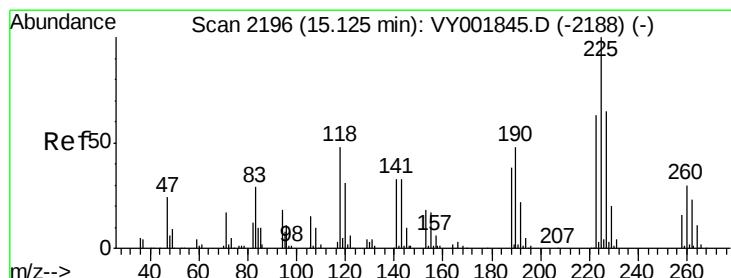
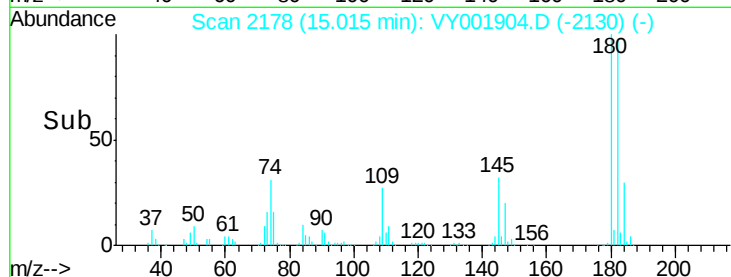
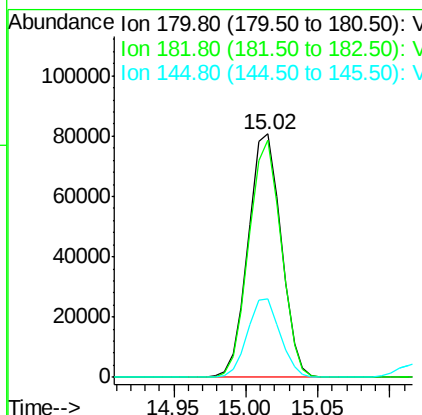
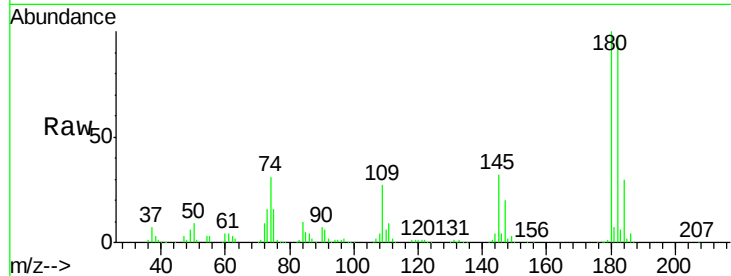
#93
1,2,4-Trichlorobenzene
Concen: 52.049 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.1	138.3
145	32.1	15.6	46.8

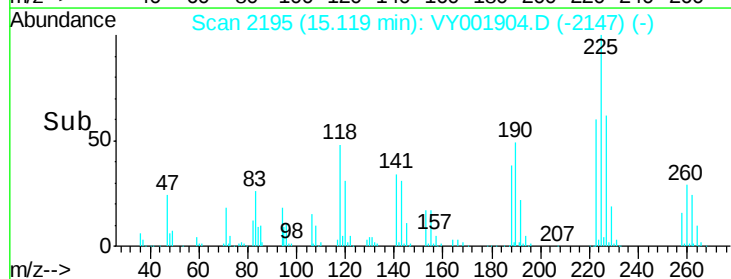
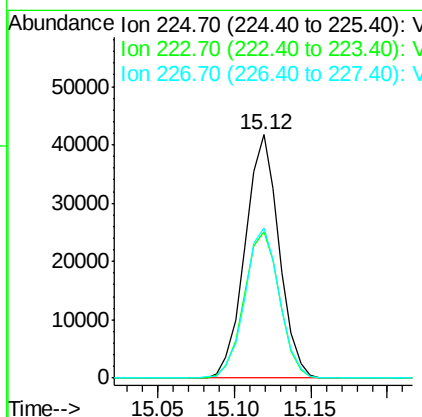
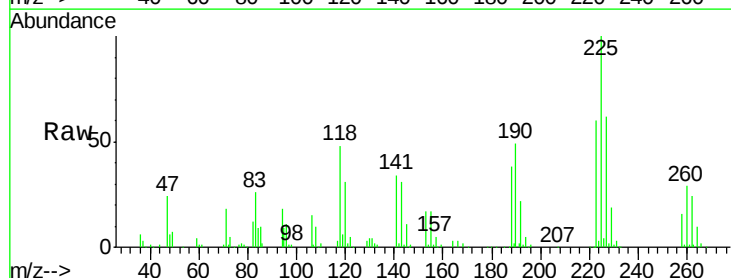
Manual Integrations
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3/10/2020 2:56:52 PM



#94
Hexachlorobutadiene
Concen: 53.670 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VY001904.D
Acq: 09 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.5	94.5
227	63.0	31.9	95.5





#95

Naphthalene

Concen: 50.174 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Instrument :

MSVOA_Y

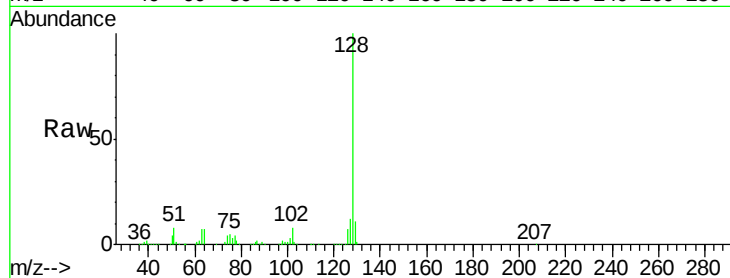
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	291801
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

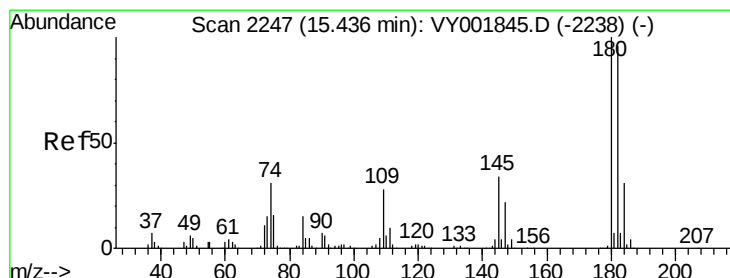
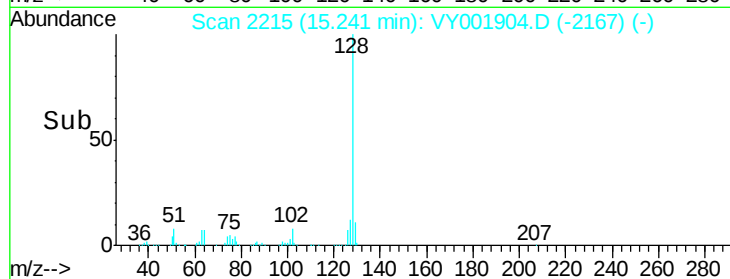
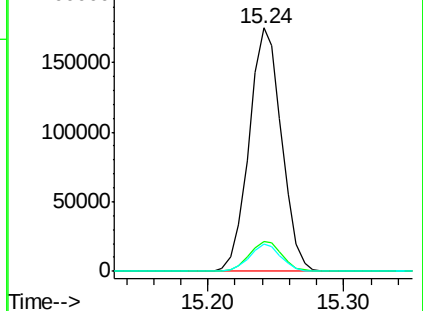
MMDadoda
3/10/2020 2:56:52 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.094 ug/l

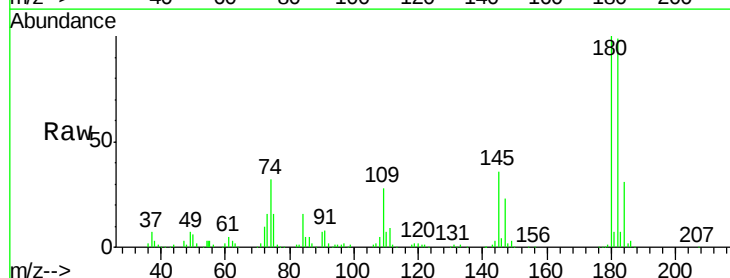
RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY001904.D

Acq: 09 Mar 2020 11:51

Tgt Ion:	180	Resp:	110360
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.6	142.9
145	34.2	16.8	50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

