

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001792.D
 Acq On : 28 Feb 2020 09:51
 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
 3/2/2020 10:35:52 AM

Quant Time: Feb 28 13:04:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	174596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	311078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	276850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	130812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	97792	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.75	113	91089	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.20	98	385060	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.50	95	138635	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	87113	51.185	ug/l	98
3) Chloromethane	2.13	50	109971	48.040	ug/l	98
4) Vinyl Chloride	2.27	62	111029	48.087	ug/l	99
5) Bromomethane	2.67	94	70316	48.728	ug/l	100
6) Chloroethane	2.82	64	68932	48.449	ug/l	100
7) Trichlorofluoromethane	3.15	101	152535	51.618	ug/l	98
8) Diethyl Ether	3.56	74	60256	51.724	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	97292	52.381	ug/l	98
10) Methyl Iodide	4.13	142	117714	51.784	ug/l	99
11) Tert butyl alcohol	5.00	59	51012	232.715	ug/l	98
12) 1,1-Dichloroethene	3.90	96	96168	50.765	ug/l	97
13) Acrolein	3.76	56	44886	236.651	ug/l	100
14) Allyl chloride	4.52	41	173555	51.477	ug/l	99
15) Acrylonitrile	5.21	53	161652	270.718	ug/l	100
16) Acetone	3.98	43	185909	286.093	ug/l	98
17) Carbon Disulfide	4.23	76	299973	47.430	ug/l	99
18) Methyl Acetate	4.52	43	73904	52.224	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	267994	50.811	ug/l	98
20) Methylene Chloride	4.76	84	110473	47.862	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	107941	49.941	ug/l	98
22) Diisopropyl ether	6.16	45	355224	51.305	ug/l	96
23) Vinyl Acetate	6.10	43	1170779	259.234	ug/l	99
24) 1,1-Dichloroethane	6.06	63	191868	51.848	ug/l	99
25) 2-Butanone	7.02	43	245316	277.898	ug/l	100
26) 2,2-Dichloropropane	7.02	77	162250	50.395	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	121792	51.050	ug/l	100
28) Bromochloromethane	7.37	49	87638	56.851	ug/l	98
29) Tetrahydrofuran	7.38	42	136778	256.352	ug/l	100
30) Chloroform	7.54	83	182315	50.421	ug/l	99
31) Cyclohexane	7.82	56	188885	47.873	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	154501	50.839	ug/l	99
36) 1,1-Dichloropropene	7.95	75	151586	51.015	ug/l	99
37) Ethyl Acetate	7.11	43	90715	51.151	ug/l	99
38) Carbon Tetrachloride	7.93	117	134247	51.437	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	193295	49.034	ug/l	98
40) Benzene	8.19	78	451598	51.676	ug/l	99
41) Methacrylonitrile	7.35	41	36558m	41.054	ug/l	
42) 1,2-Dichloroethane	8.26	62	118366	49.717	ug/l	99
43) Isopropyl Acetate	8.30	43	173847	51.664	ug/l	99
44) Trichloroethene	8.96	130	109988	50.418	ug/l	98
45) 1,2-Dichloropropane	9.24	63	116598	53.275	ug/l	99
46) Dibromomethane	9.33	93	59152	51.674	ug/l	99
47) Bromodichloromethane	9.52	83	142470	51.568	ug/l	96
48) Methyl methacrylate	9.32	41	77359	50.833	ug/l	98
49) 1,4-Dioxane	9.32	88	15735	973.216	ug/l	92
51) 4-Methyl-2-Pentanone	10.09	43	455403	263.410	ug/l	100
52) Toluene	10.26	92	278591	51.107	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	158320	51.836	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	181502	51.633	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	88368	52.353	ug/l	99
56) Ethyl methacrylate	10.53	69	133264	52.628	ug/l	99
57) 1,3-Dichloropropane	10.81	76	155977	52.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	227293	237.739	ug/l	99
59) 2-Hexanone	10.85	43	355099	273.743	ug/l	100
60) Dibromochloromethane	11.00	129	95749	51.451	ug/l	99
61) 1,2-Dibromoethane	11.11	107	84468	52.925	ug/l	99
64) Tetrachloroethene	10.74	164	88439	50.887	ug/l	97
65) Chlorobenzene	11.53	112	287933	52.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	97252	52.159	ug/l	99
67) Ethyl Benzene	11.61	91	535947	52.250	ug/l	100
68) m/p-Xylenes	11.72	106	397988	103.871	ug/l	99
69) o-Xylene	12.05	106	188307	51.695	ug/l	98
70) Styrene	12.06	104	330614	52.224	ug/l	99
71) Bromoform	12.22	173	56231	52.772	ug/l #	98
73) Isopropylbenzene	12.35	105	507350	50.910	ug/l	100
74) N-amyl acetate	12.16	43	159668	50.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	113827	53.494	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	87321m	58.191	ug/l	
77) Bromobenzene	12.63	156	110654	51.221	ug/l	96
78) n-propylbenzene	12.69	91	630095	51.915	ug/l	100
79) 2-Chlorotoluene	12.77	91	348098	51.136	ug/l	98
80) 1,3,5-Trimethylbenzene	12.83	105	423144	51.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	43149	54.553	ug/l	97
82) 4-Chlorotoluene	12.87	91	366259	51.014	ug/l	99
83) tert-Butylbenzene	13.09	119	349466	50.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.14	105	422844	51.415	ug/l	100
85) sec-Butylbenzene	13.27	105	520158	51.261	ug/l	100
86) p-Isopropyltoluene	13.38	119	447753	50.793	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	211555	50.493	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	214112	50.556	ug/l	99
89) n-Butylbenzene	13.71	91	460874	51.166	ug/l	100
90) Hexachloroethane	13.98	117	85180	51.286	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	195441	50.547	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.38	75	17535	49.934	ug/l	98

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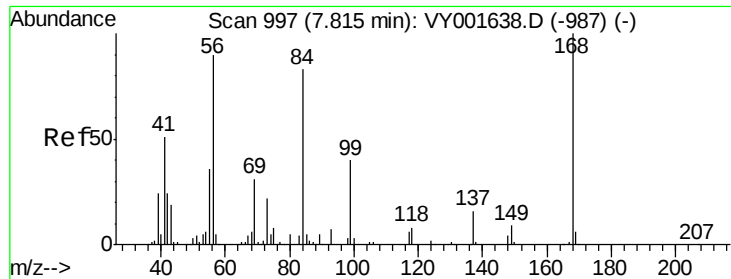
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.03	180	127419	49.729	ug/l	99
94) Hexachlorobutadiene	15.13	225	61360	48.153	ug/l	99
95) Naphthalene	15.25	128	301273	50.995	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	110825	49.164	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 174596

Ion Ratio Lower Upper

168 100

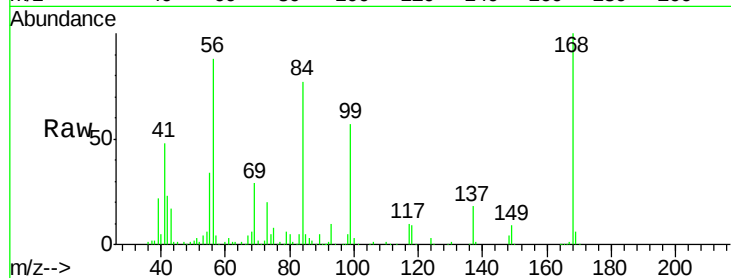
99 57.2 47.5 71.3

Manual Integrations

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3/2/2020 10:35:52 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

80000

60000

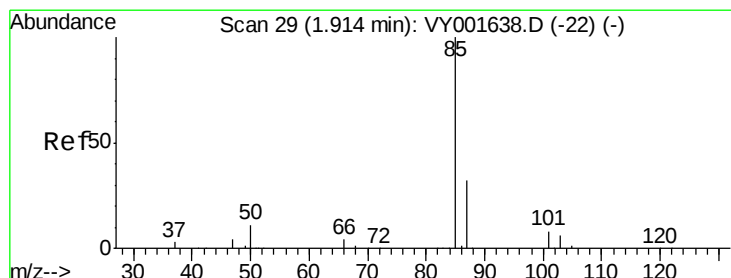
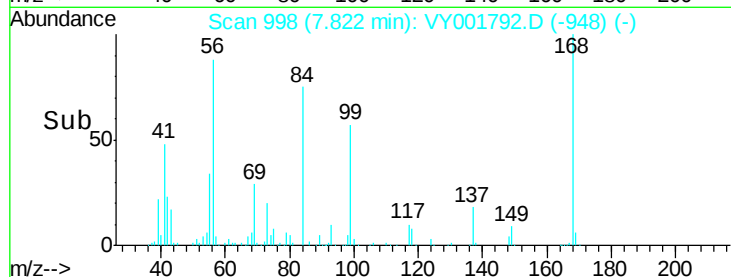
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.185 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001792.D

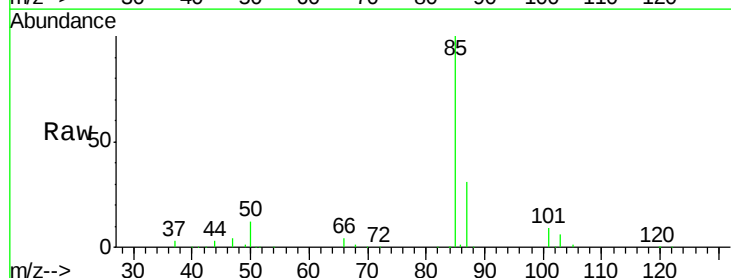
Acq: 28 Feb 2020 09:51

Tgt Ion: 85 Resp: 87113

Ion Ratio Lower Upper

85 100

87 31.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)

1.92

60000

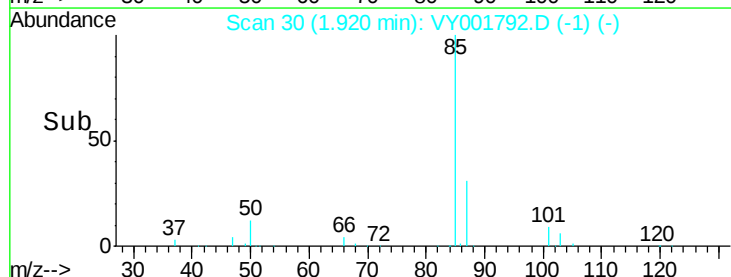
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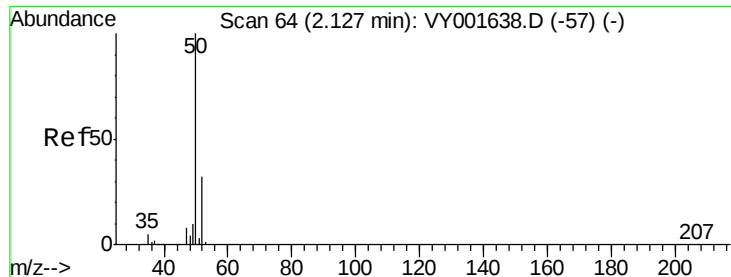
20000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.040 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tot Ion: 50 Resp: 109971

Ion Ratio Lower Upper

50 100

52 30.8 25.8 38.6

Instrument :

MSVOA_Y

ClientSampleId :

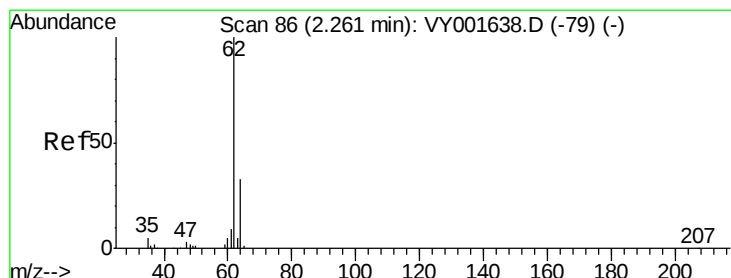
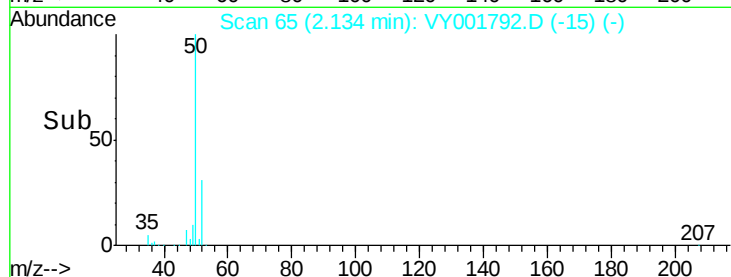
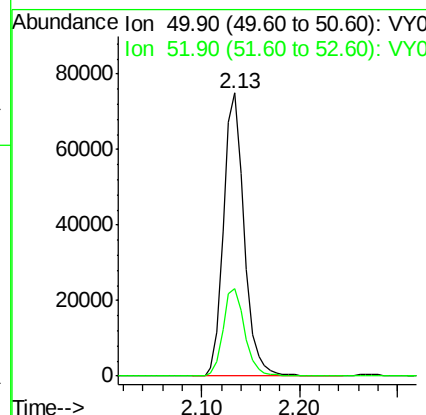
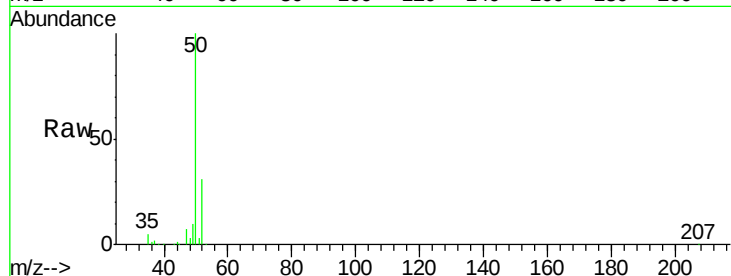
VSTDCCC050

Manual Integrations

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3/2/2020 10:35:52 AM



#4

Vinyl Chloride

Concen: 48.087 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001792.D

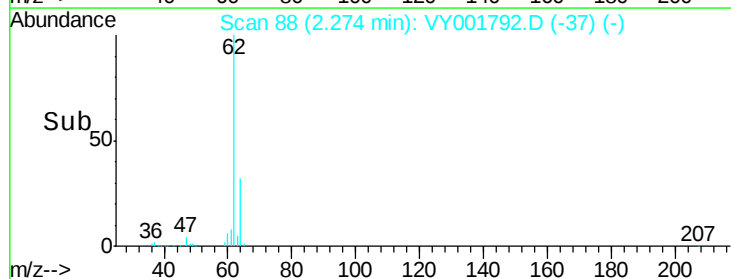
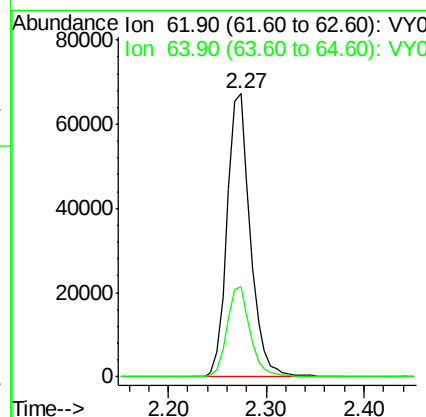
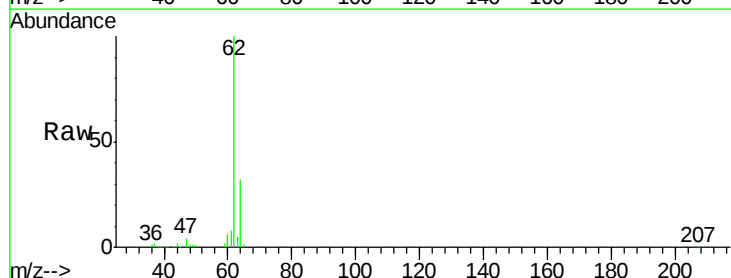
Acq: 28 Feb 2020 09:51

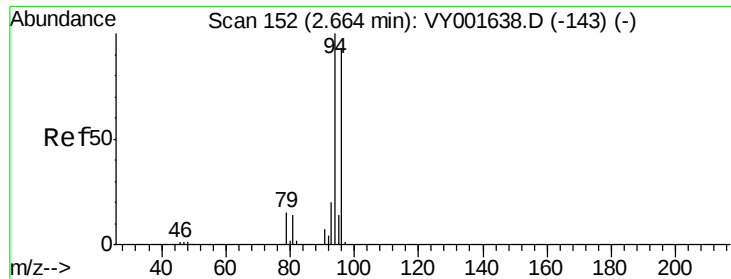
Tgt Ion: 62 Resp: 111029

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 48.728 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 70316

Ion Ratio Lower Upper

94 100

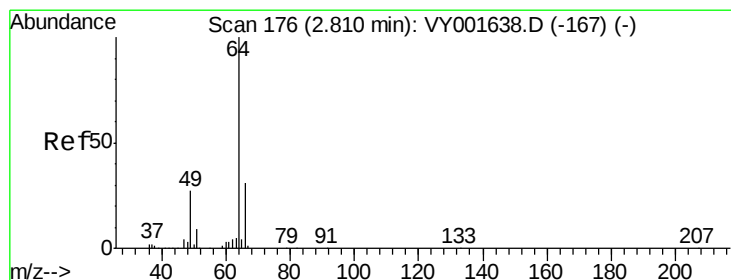
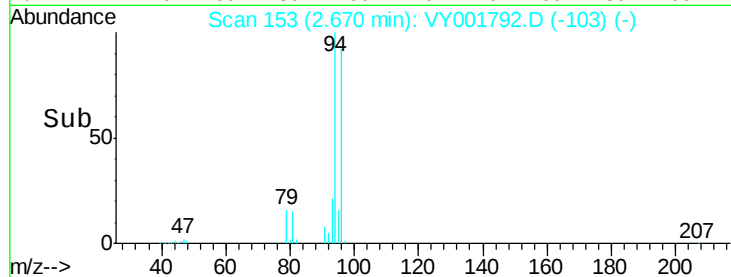
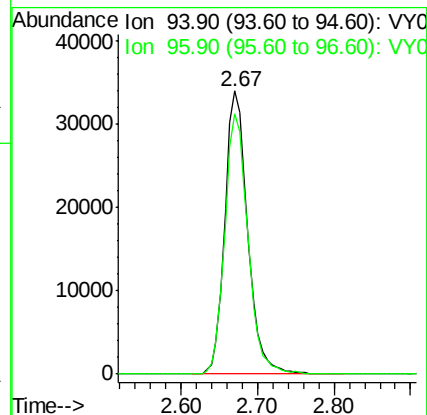
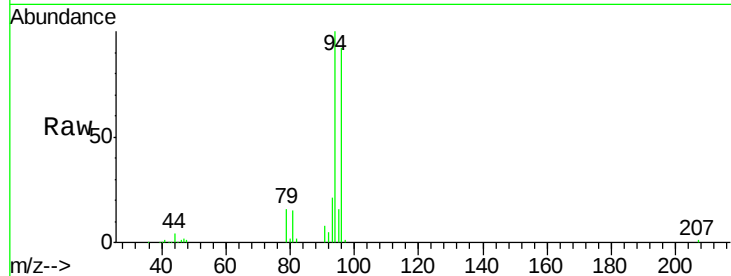
96 91.9 73.7 110.5

Manual Integrations

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3/2/2020 10:35:52 AM



#6

Chloroethane

Concen: 48.449 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001792.D

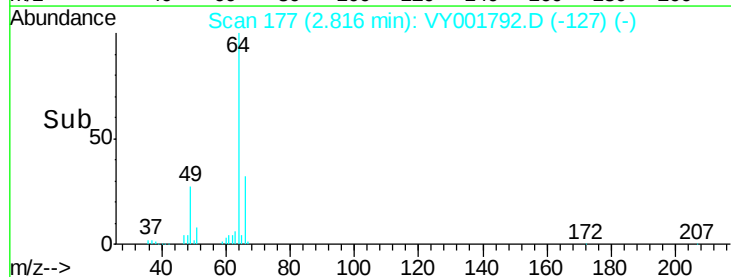
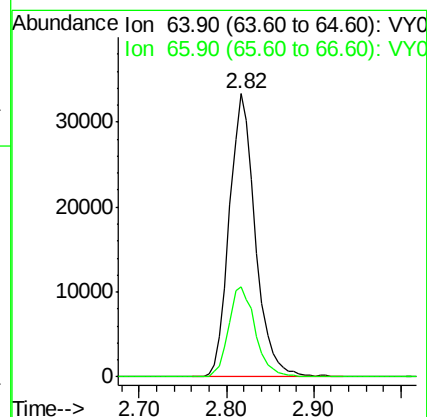
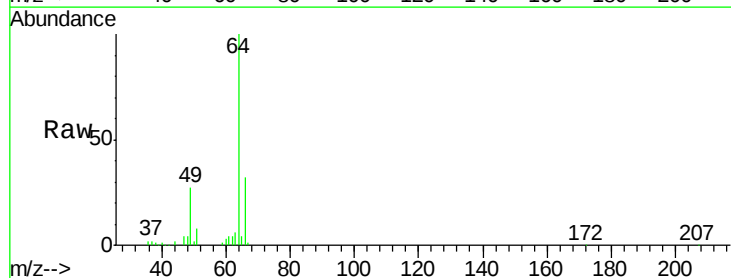
Acq: 28 Feb 2020 09:51

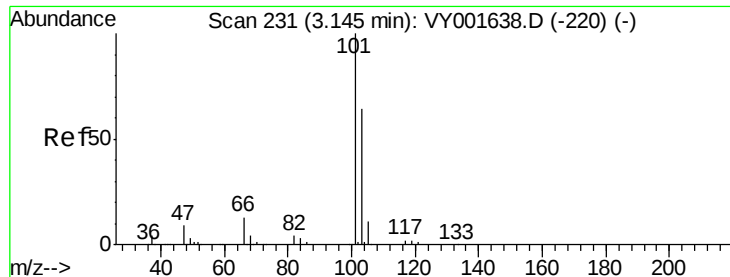
Tgt Ion: 64 Resp: 68932

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

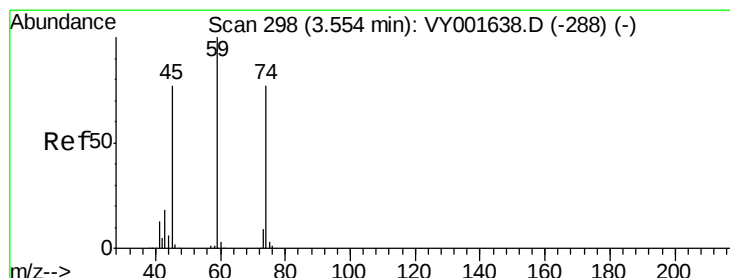
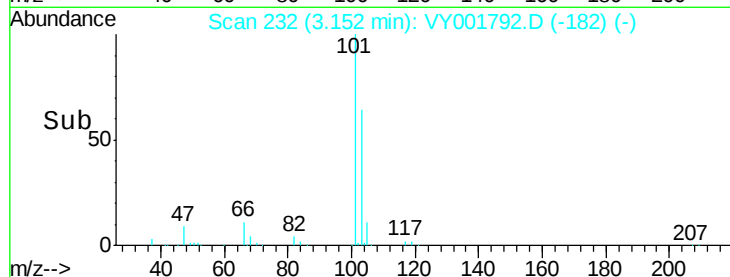
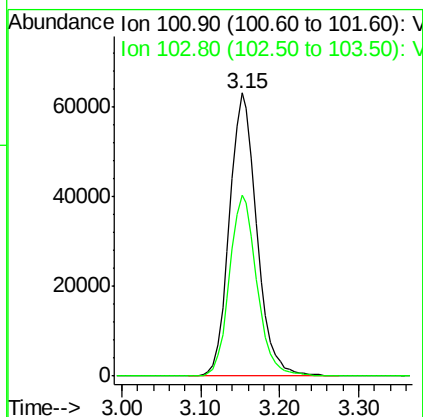
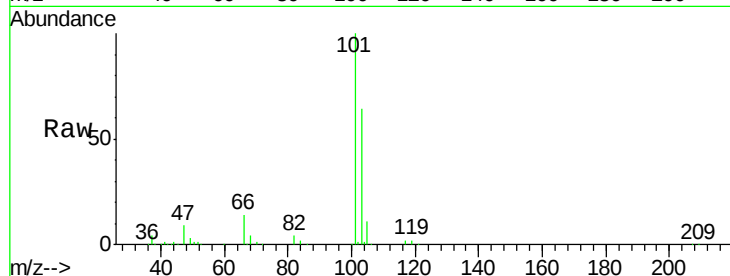
Trichlorofluoromethane
Concen: 51.618 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	152535		
103	64.0	52.2	78.2	

Manual Integrations
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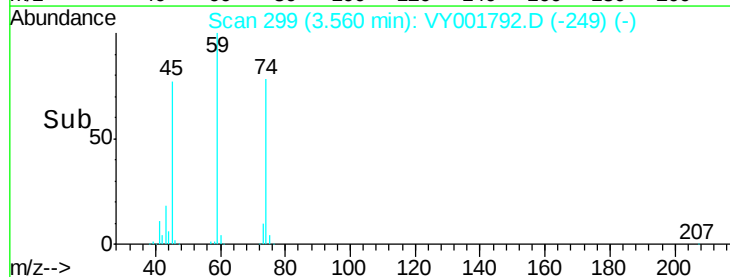
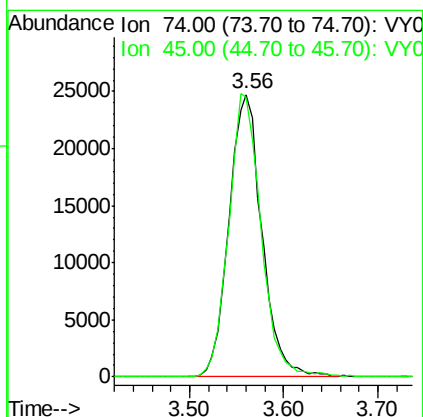
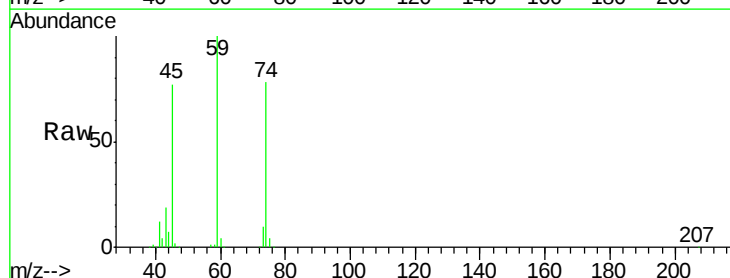
MMDadoda
3/2/2020 10:35:52 AM

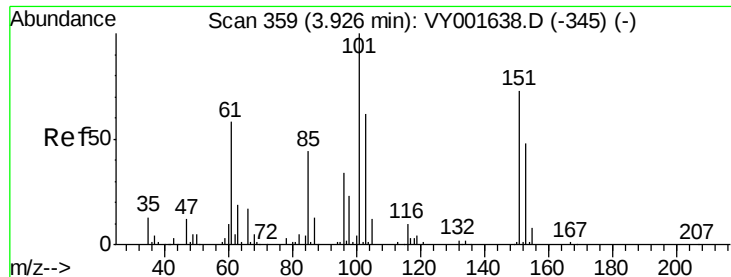


#8

Diethyl Ether
Concen: 51.724 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60256		
45	98.3	49.6	148.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.381 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

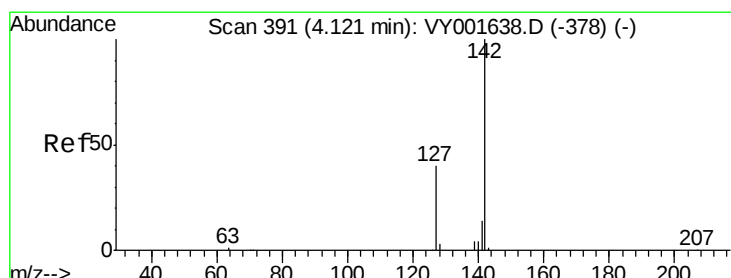
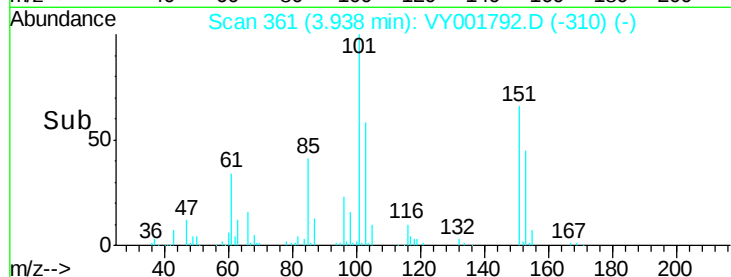
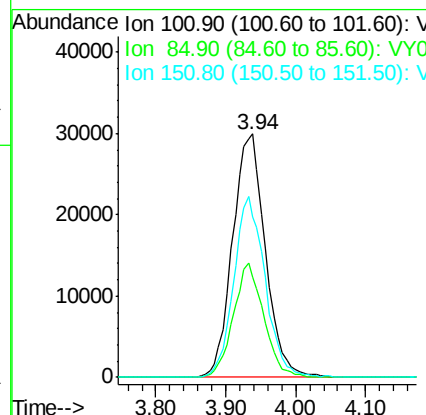
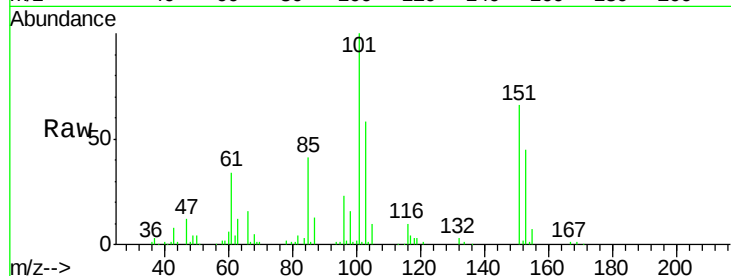
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	97292
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.1	52.7
151	71.0	58.4	87.6

Manual Integrations
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#10

Methyl Iodide

Concen: 51.784 ug/l

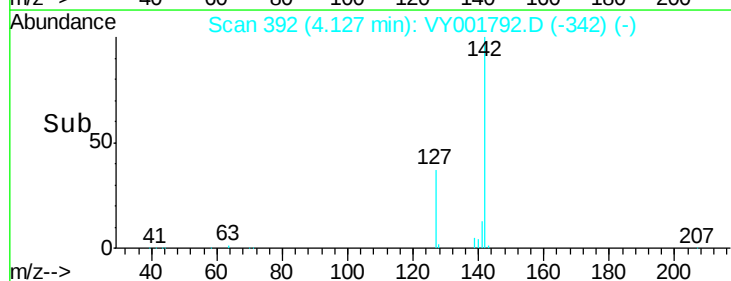
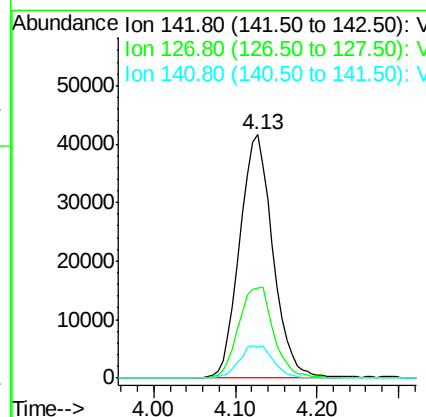
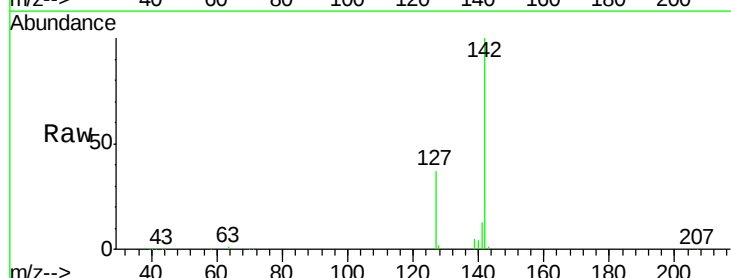
RT: 4.13 min Scan# 392

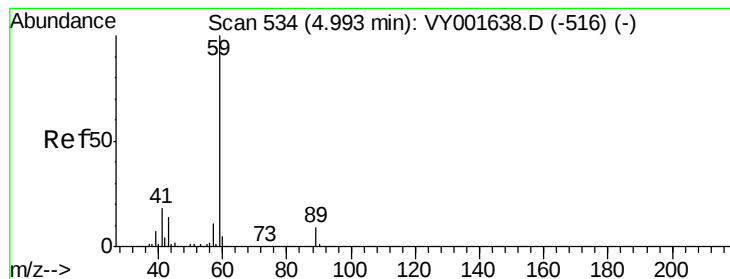
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	142	Resp:	117714
Ion Ratio	Lower	Upper	
142	100		
127	39.5	32.1	48.1
141	14.0	11.3	16.9





#11

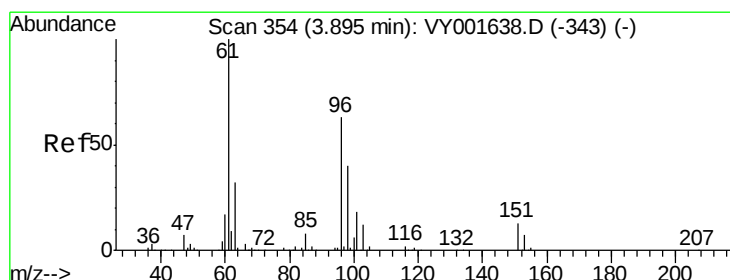
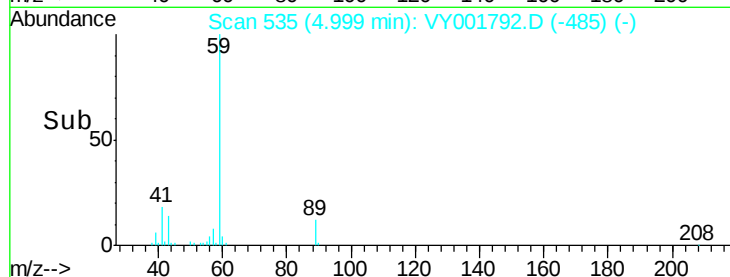
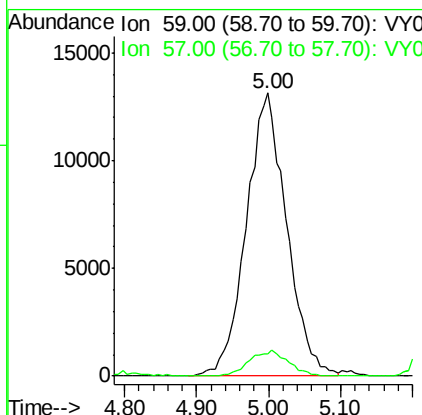
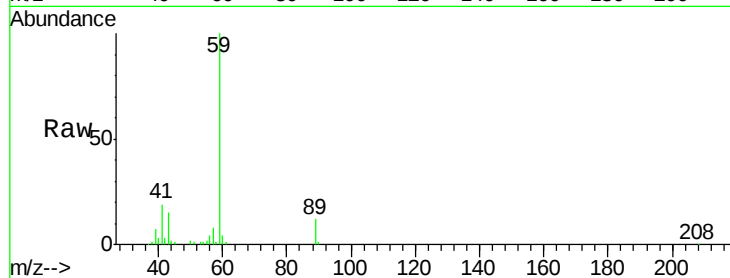
Tert butyl alcohol
Concen: 232.715 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.7	7.4	11.2

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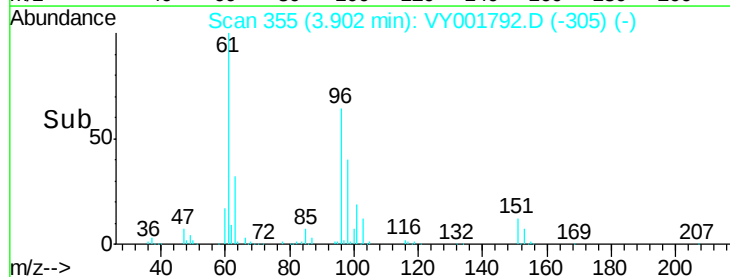
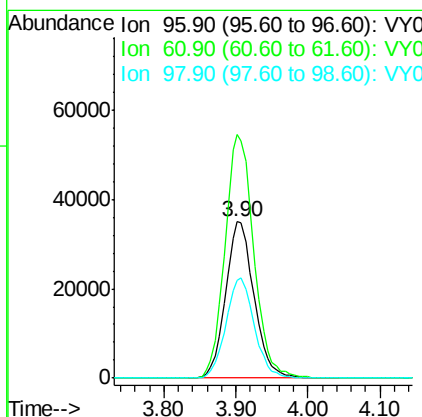
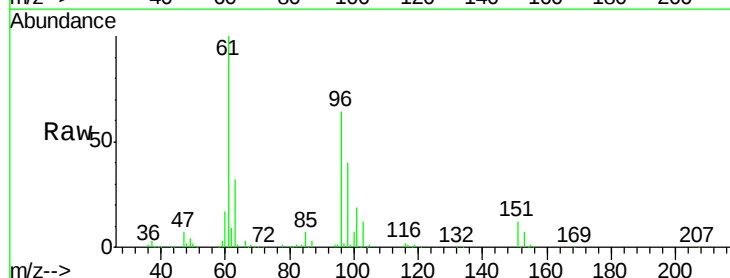
MMDadoda
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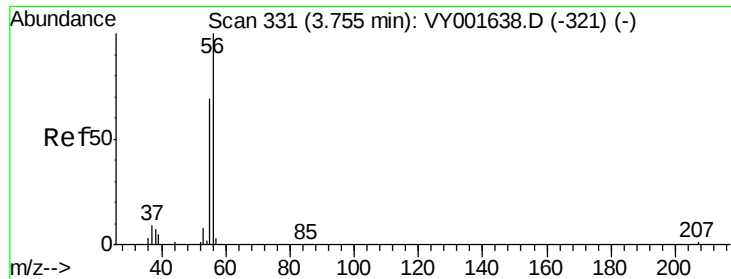


#12

1,1-Dichloroethene
Concen: 50.765 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.8	128.7	193.1
98	62.7	50.7	76.1





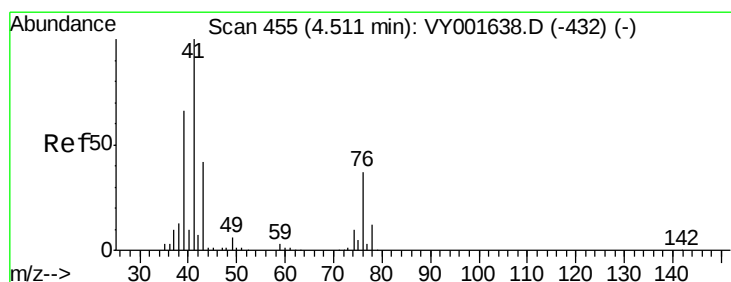
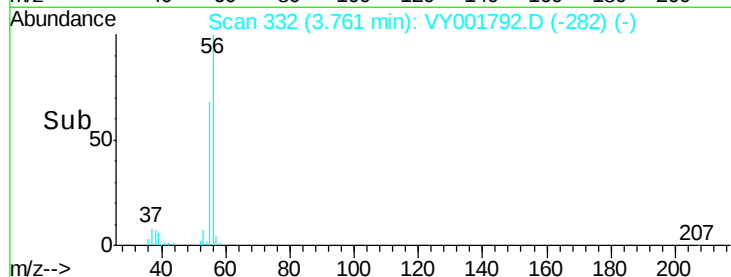
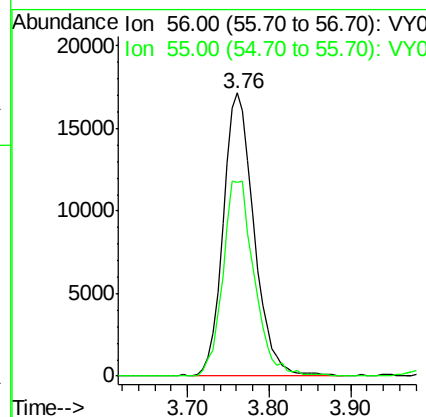
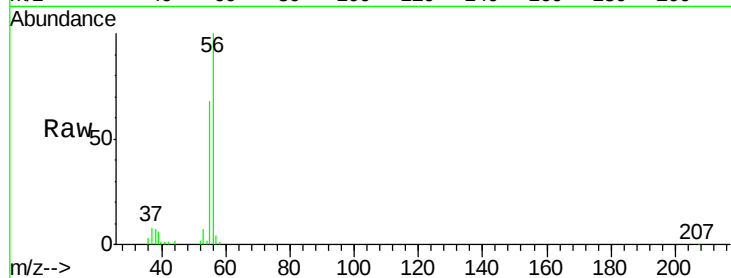
#13
Acrolein
Concen: 236.651 ug/l
RT: 3.76 min Scan# 332
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	56.1	84.1

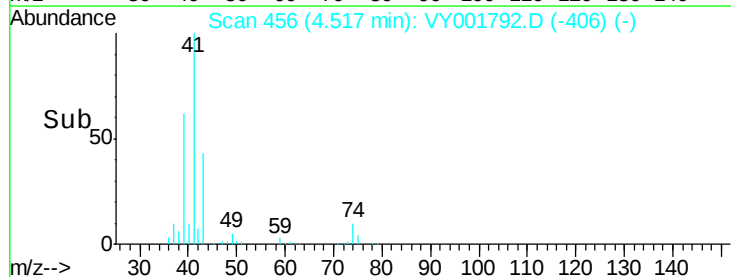
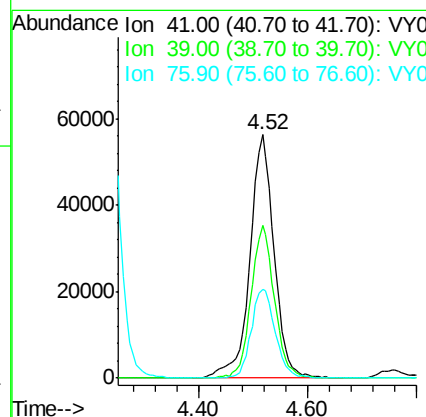
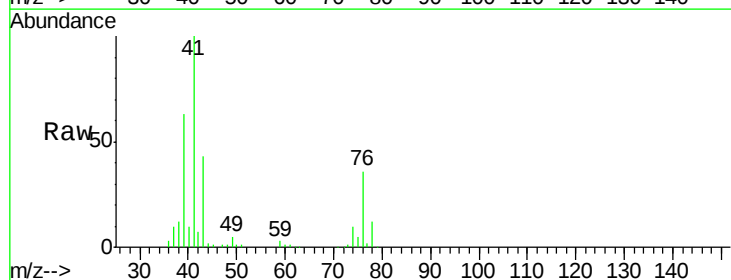
Manual Integrations
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#14
Allyl chloride
Concen: 51.477 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.7	49.4	74.0
76	36.4	29.0	43.6





#15

Acrylonitrile

Concen: 270.718 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

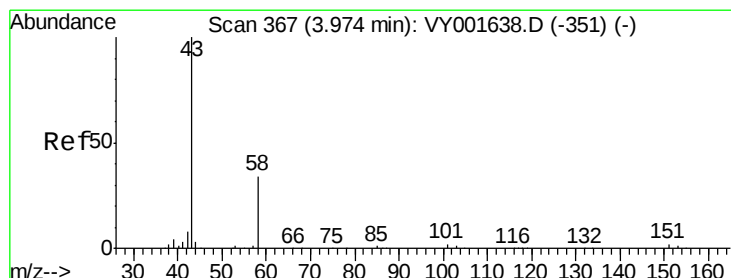
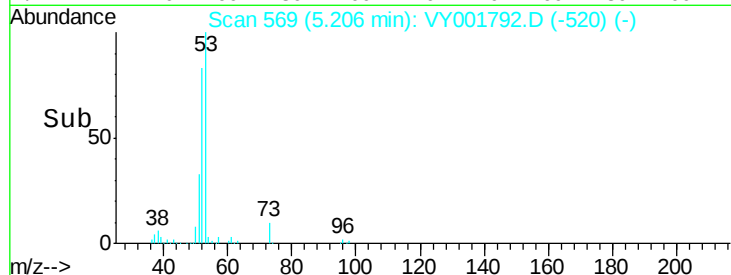
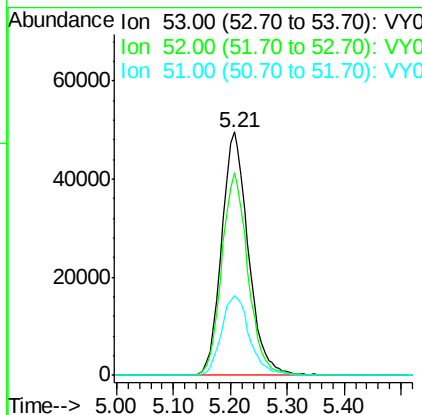
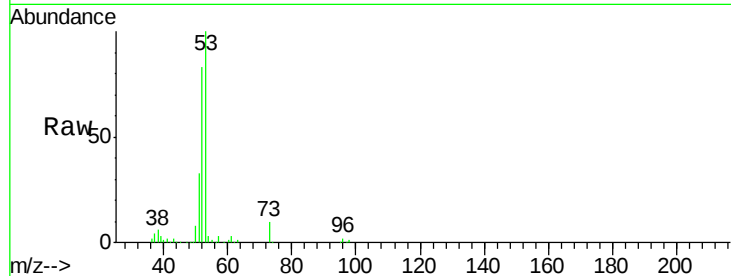
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	161652
Ion Ratio		Lower	Upper
53	100		
52	81.3	65.4	98.0
51	34.6	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 286.093 ug/l

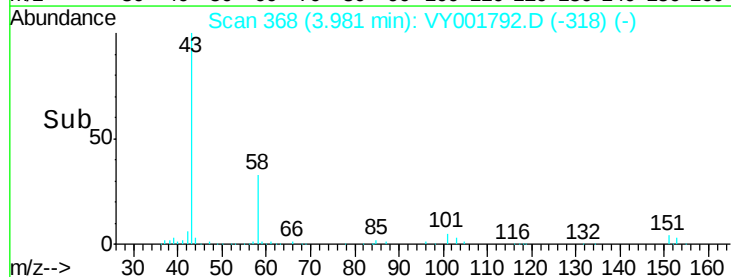
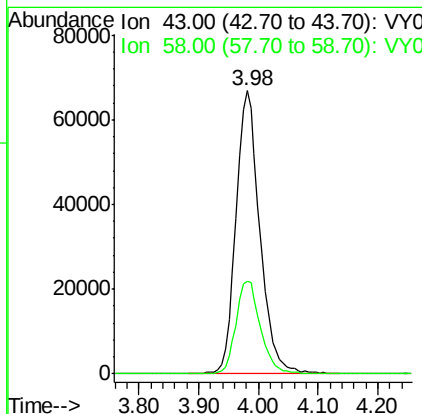
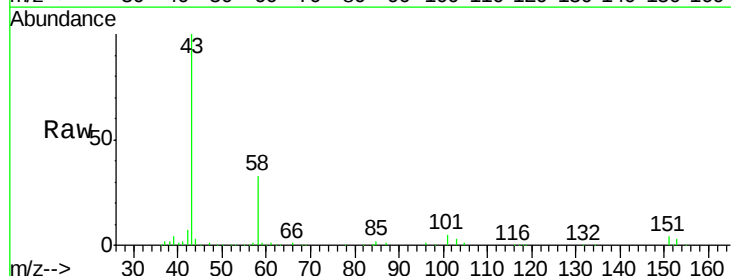
RT: 3.98 min Scan# 368

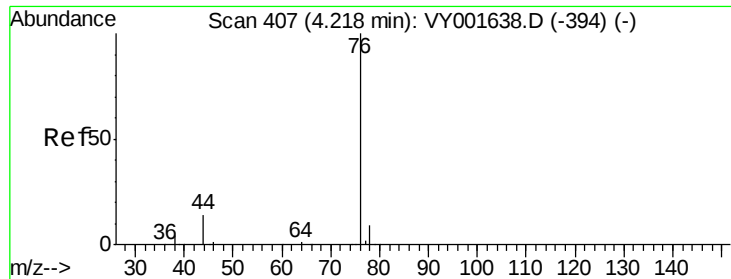
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	43	Resp:	185909
Ion Ratio		Lower	Upper
43	100		
58	32.7	27.3	40.9





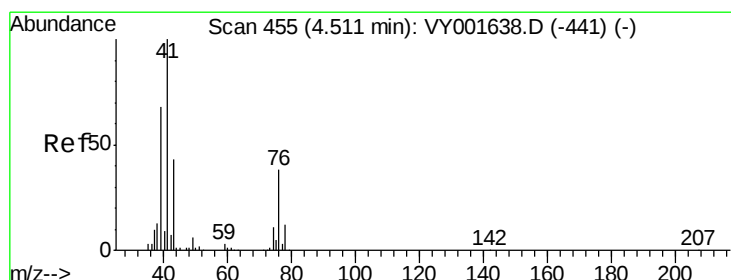
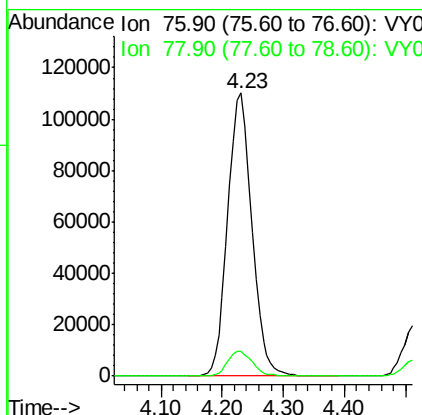
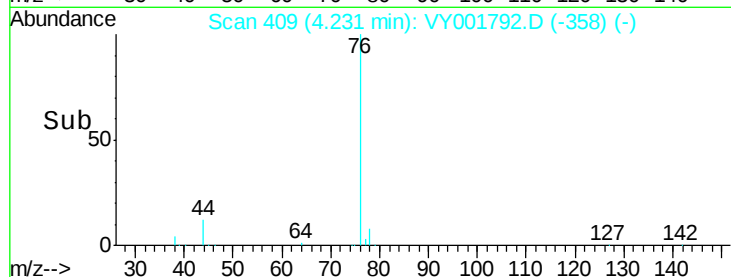
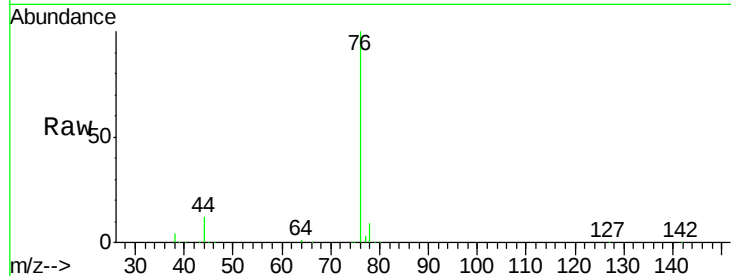
#17
Carbon Disulfide
Concen: 47.430 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

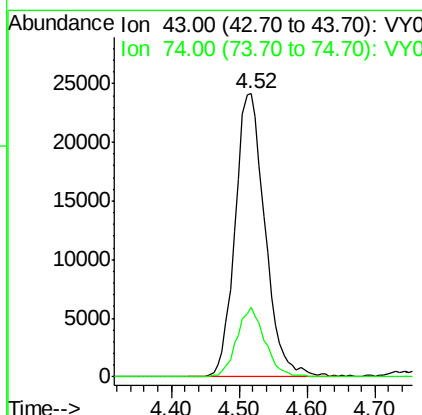
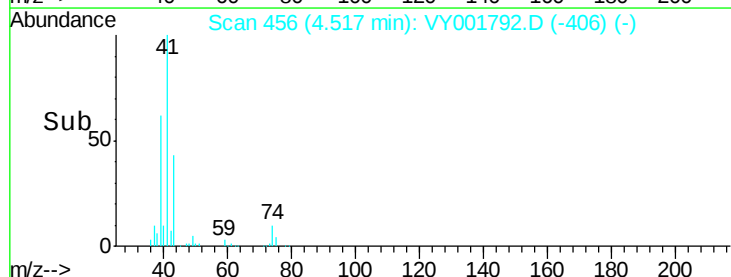
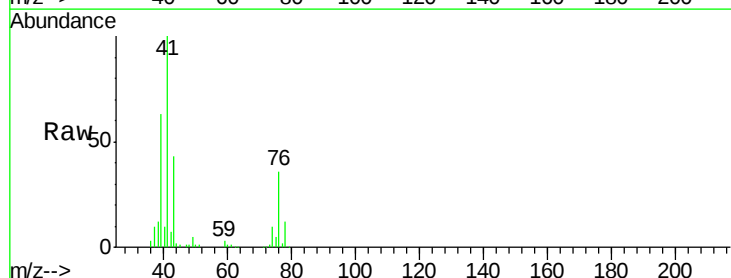
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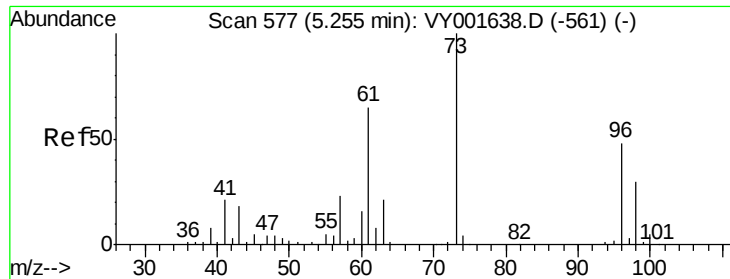
MMDadoda
3/2/2020 10:35:52 AM



#18
Methyl Acetate
Concen: 52.224 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.1	28.7





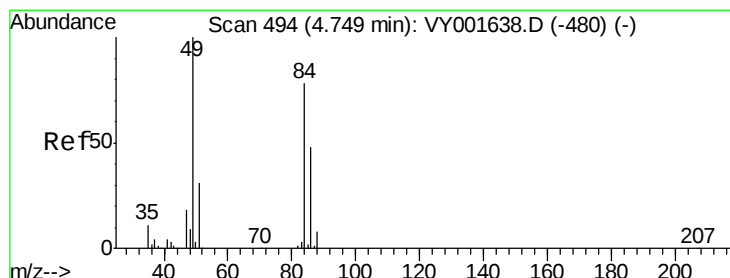
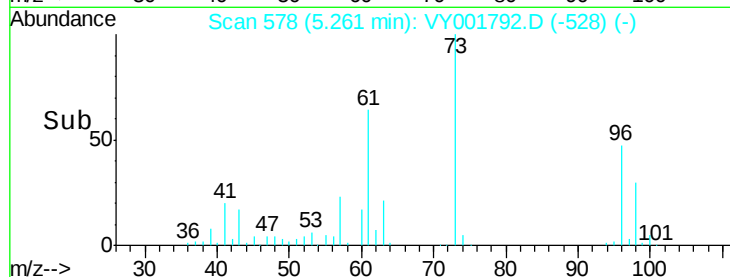
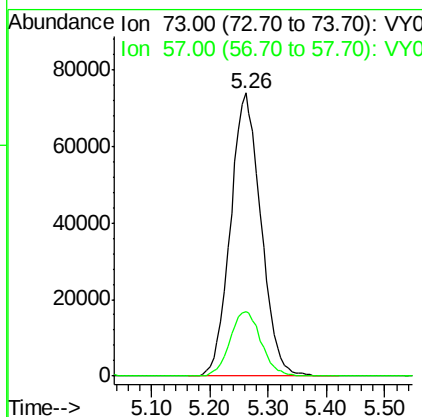
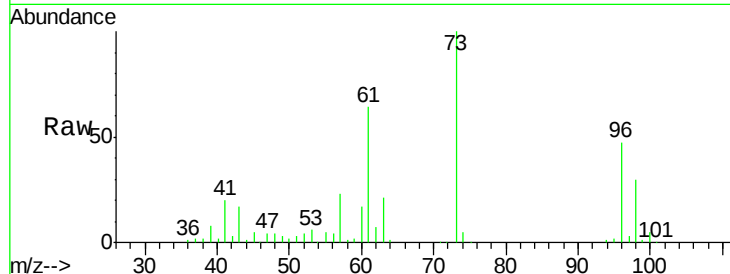
#19
Methvl tert-butvl Ether
Concen: 50.811 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	19.0	28.6

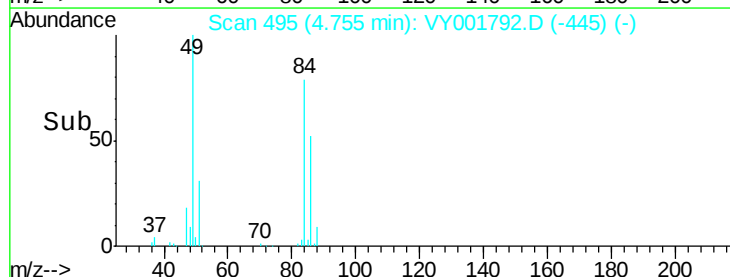
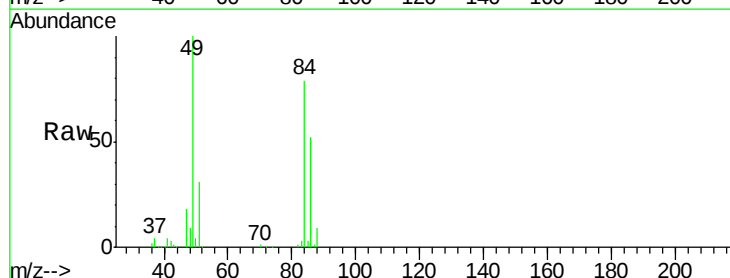
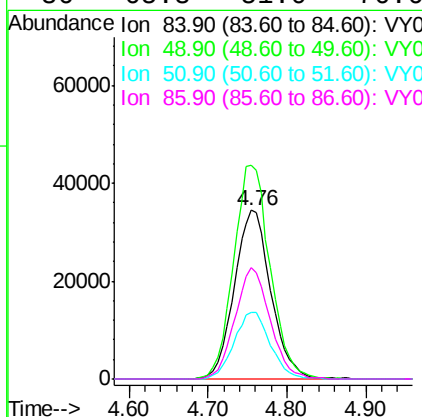
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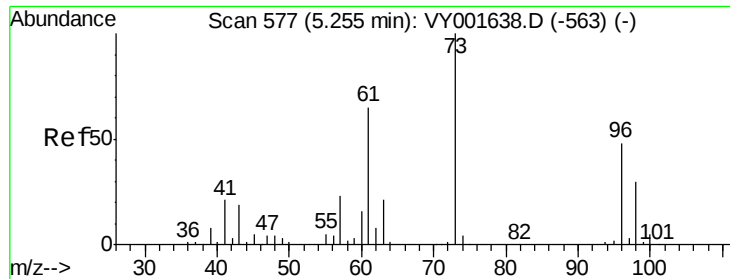
MMDadoda
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#20
Methylene Chloride
Concen: 47.862 ug/l
RT: 4.76 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.5	99.2	148.8
51	39.7	31.5	47.3
86	65.8	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 49.941 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

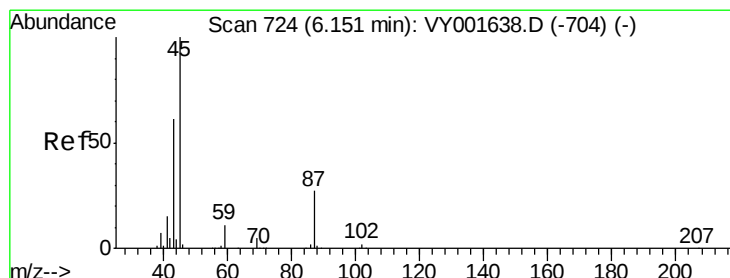
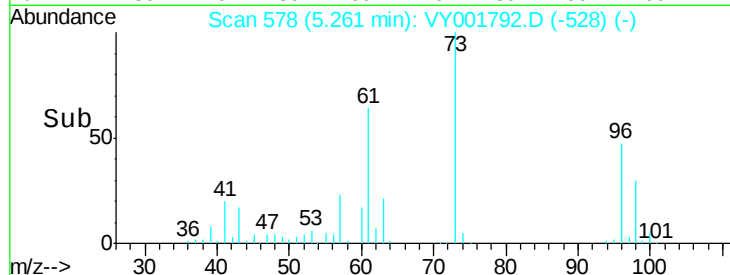
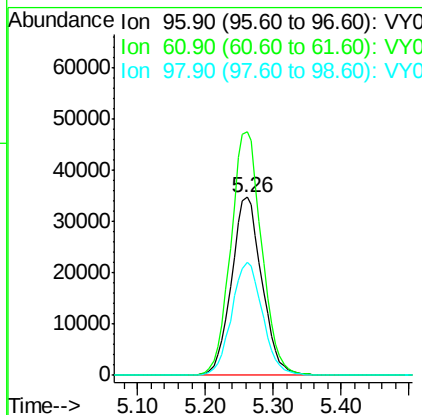
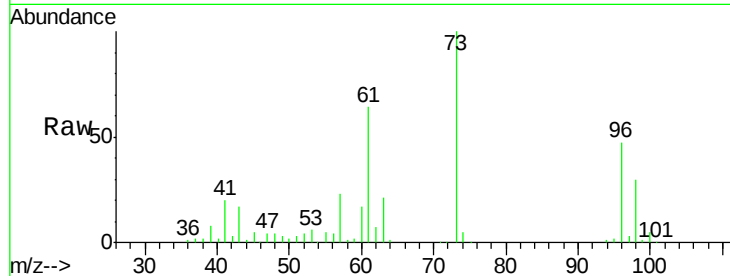
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	107941
Ion	Ratio	Lower	Upper
96	100		
61	136.9	107.9	161.9
98	63.4	49.8	74.8

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#22

Diisopropyl ether

Concen: 51.305 ug/l

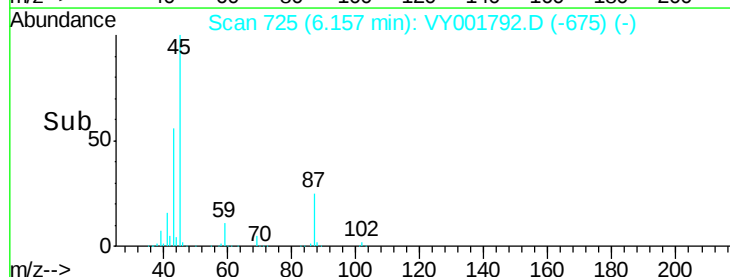
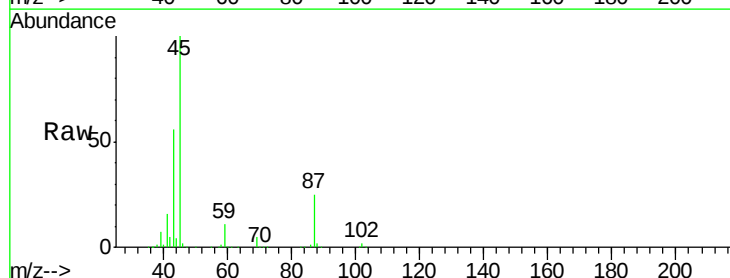
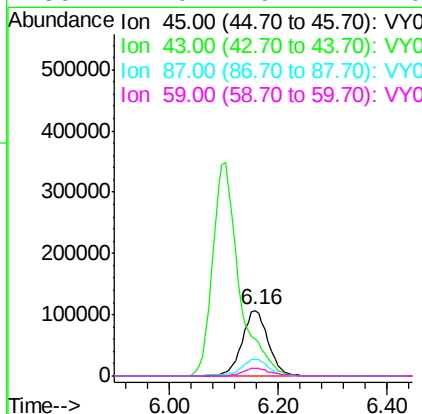
RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	45	Resp:	355224
Ion	Ratio	Lower	Upper
45	100		
43	55.4	46.4	69.6
87	25.1	22.1	33.1
59	11.0	9.4	14.0





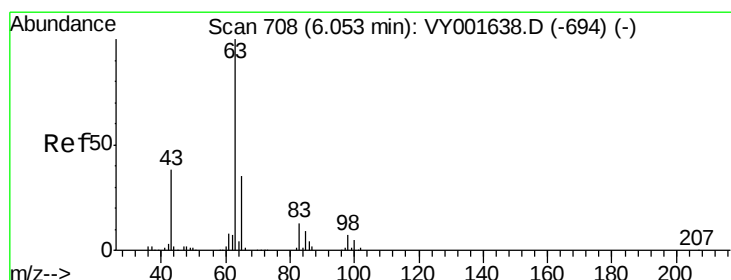
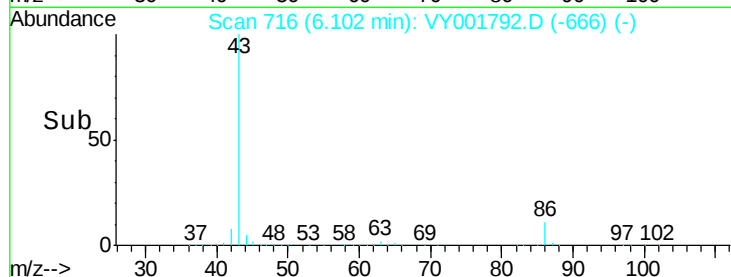
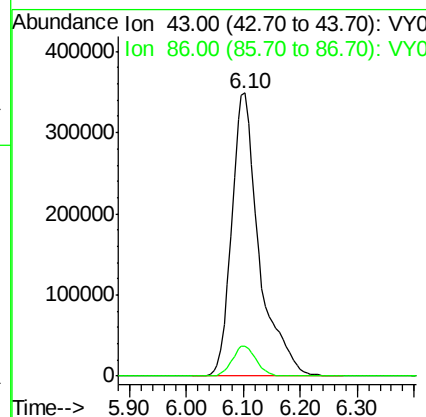
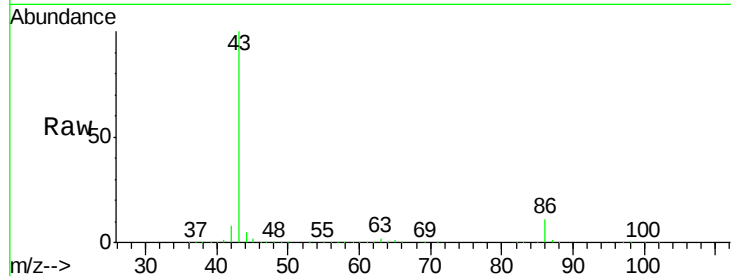
#23
 Vinyl Acetate
 Concen: 259.234 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1170779
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2

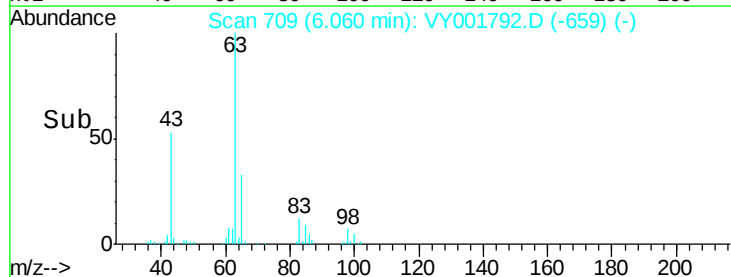
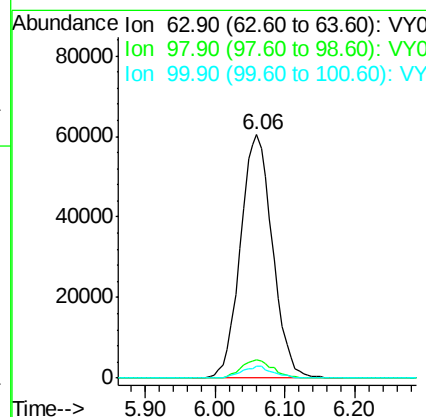
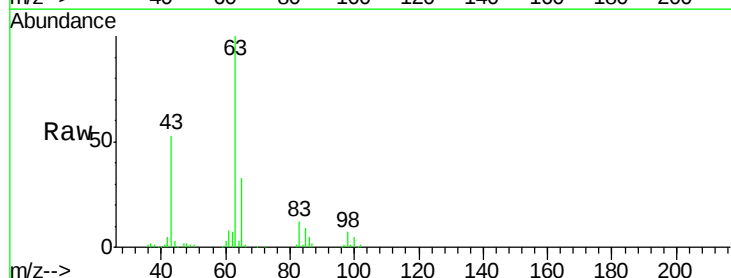
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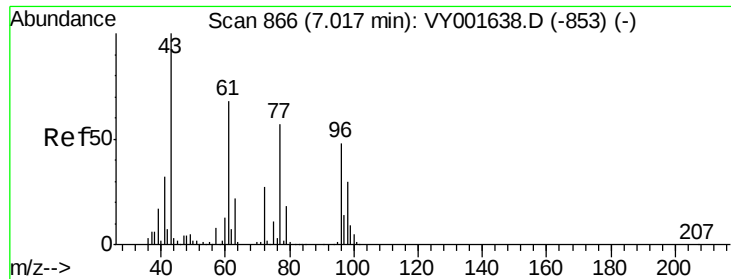
MMDadoda
 3/2/2020 10:35:52 AM



#24
 1,1-Dichloroethane
 Concen: 51.848 ug/l
 RT: 6.06 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 63 Resp: 191868
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.9 2.3 6.9





#25

2-Butanone

Concen: 277.898 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 245316

Ion Ratio Lower Upper

43 100

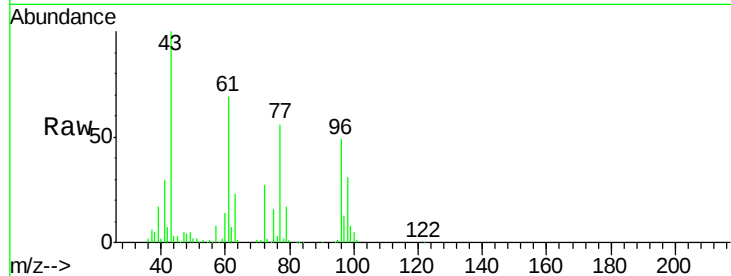
72 26.6 21.2 31.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.02

100000

80000

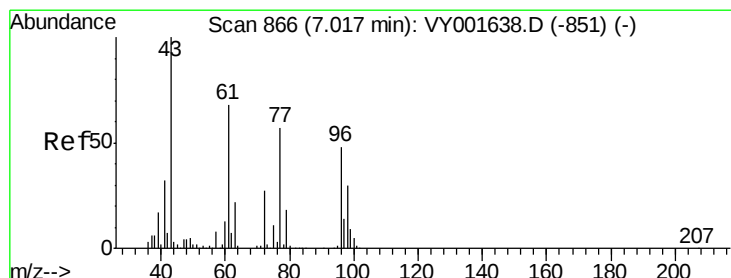
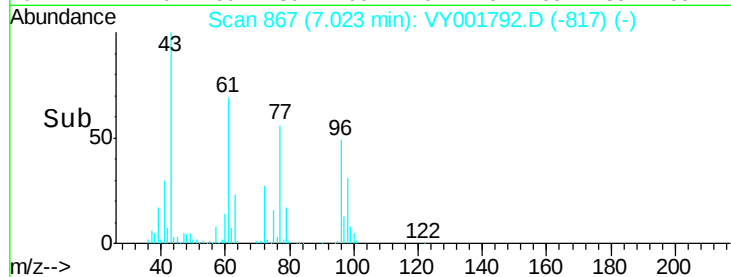
60000

40000

20000

0

Time--> 6.90 6.95 7.00 7.05 7.10



#26

2,2-Dichloropropane

Concen: 50.395 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001792.D

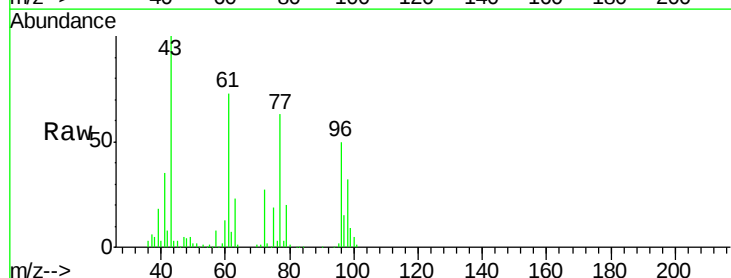
Acq: 28 Feb 2020 09:51

Tgt Ion: 77 Resp: 162250

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.02

60000

50000

40000

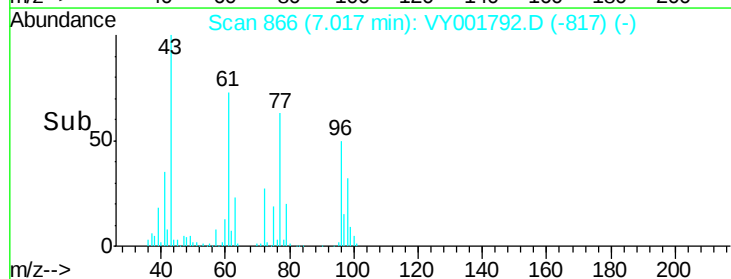
30000

20000

10000

0

Time--> 6.90 7.00 7.10 7.20





#27

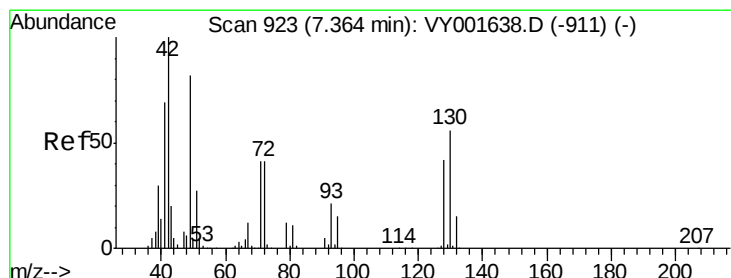
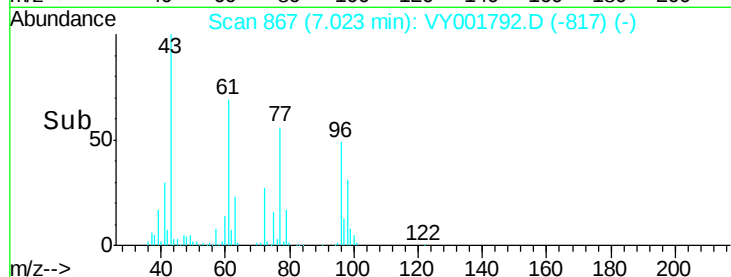
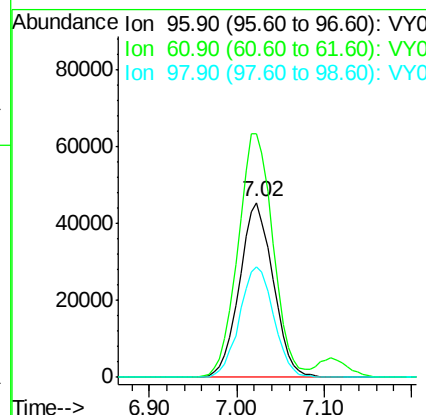
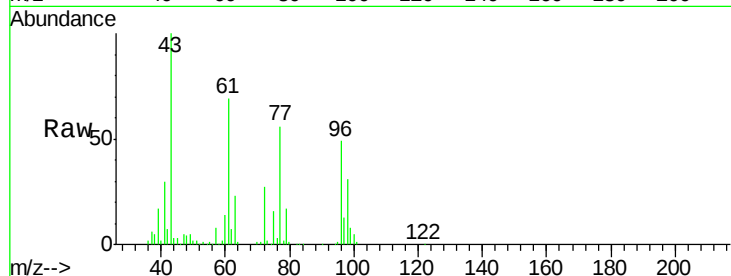
cis-1,2-Dichloroethene
Concen: 51.050 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	121792		
61	144.8	0.0	290.8	
98	64.2	0.0	128.6	

Manual Integrations
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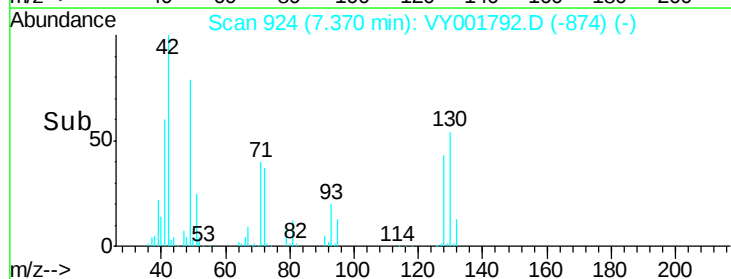
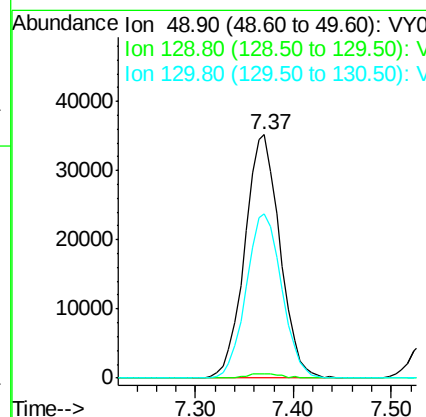
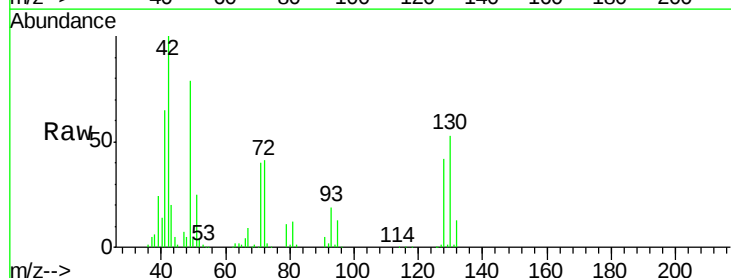
MMDadoda
3/2/2020 10:35:52 AM

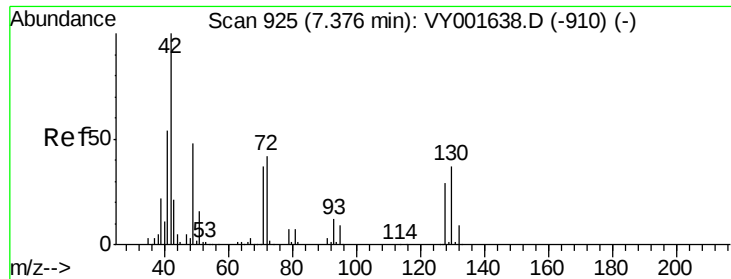


#28

Bromochloromethane
Concen: 56.851 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87638		
129	1.9	0.0	3.6	
130	68.4	56.2	84.4	





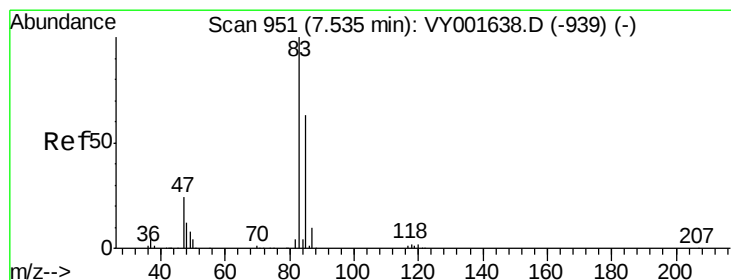
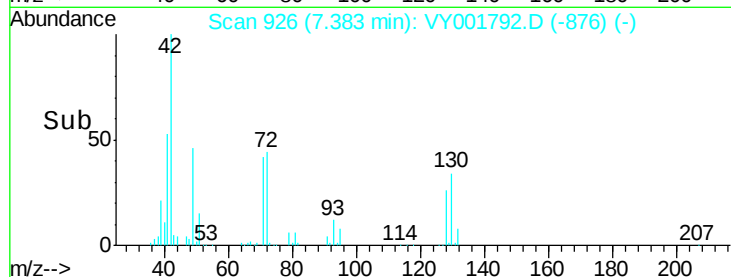
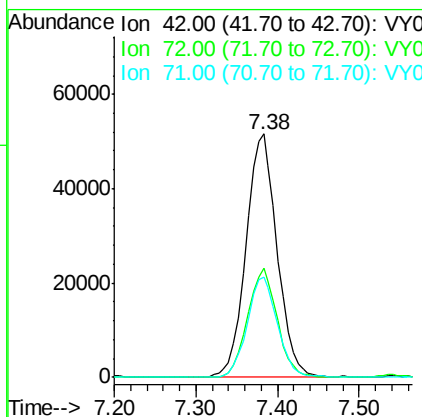
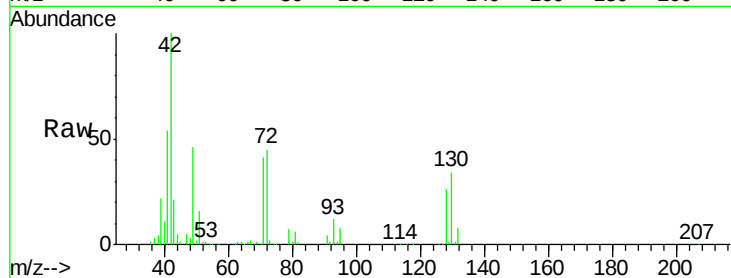
#29
Tetrahydrofuran
Concen: 256.352 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.4	51.6
71	40.3	31.8	47.8

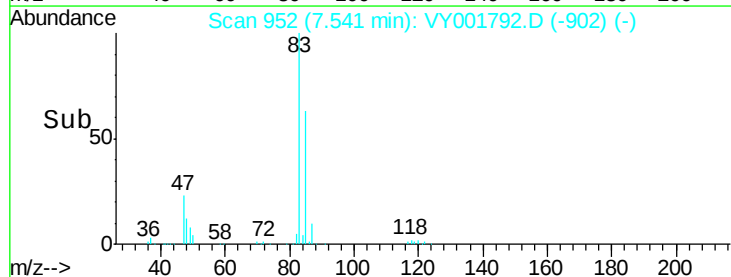
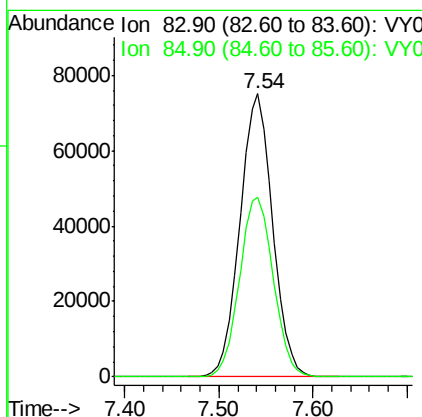
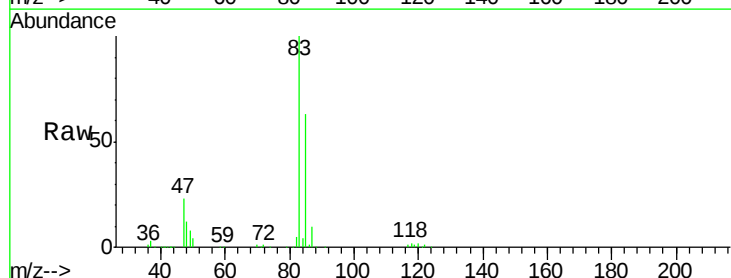
Manual Integrations
APPROVED

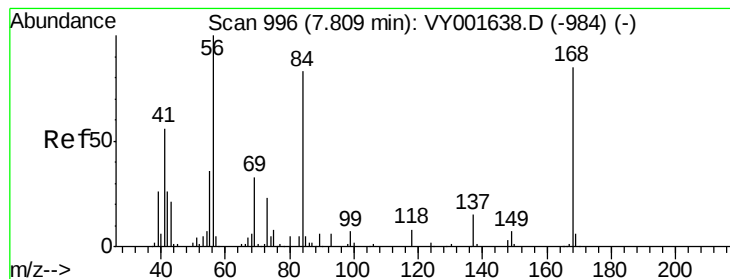
MMDadoda
3/2/2020 10:35:52 AM



#30
Chloroform
Concen: 50.421 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.6	77.4





#31

Cvclohexane

Concen: 47.873 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001792.D

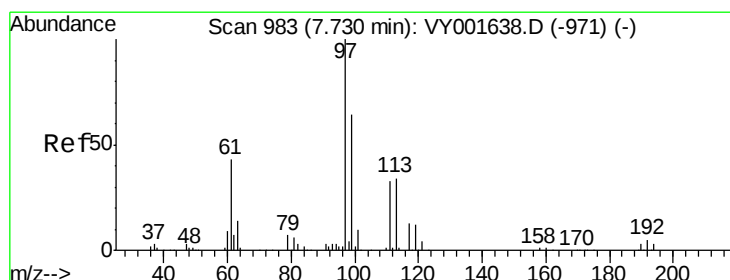
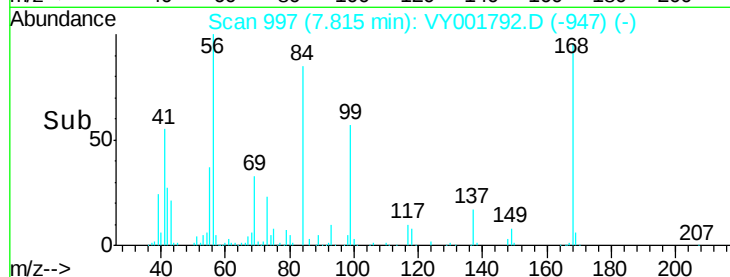
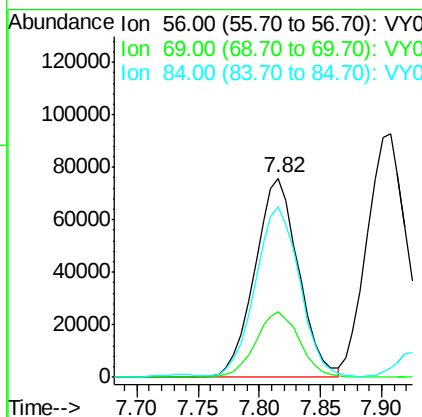
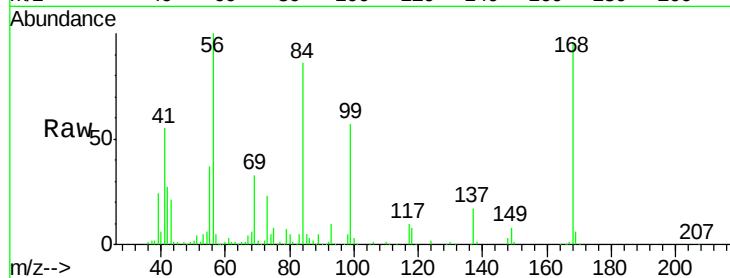
Acq: 28 Feb 2020 09:51

Tot Ion	56	Resp	188885
Ion Ratio	Lower	Upper	
56	100		
69	32.9	25.1	37.7
84	84.4	66.9	100.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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MMDadoda
3/2/2020 10:35:52 AM



#32

1,1,1-Trichloroethane

Concen: 50.839 ug/l

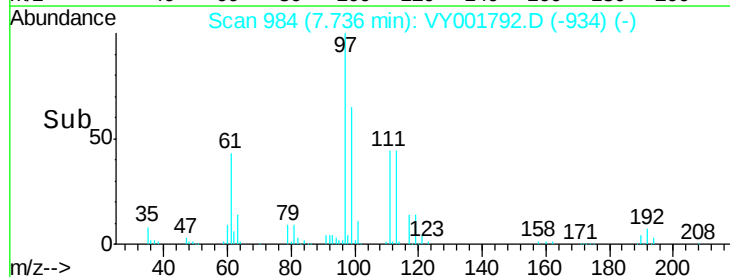
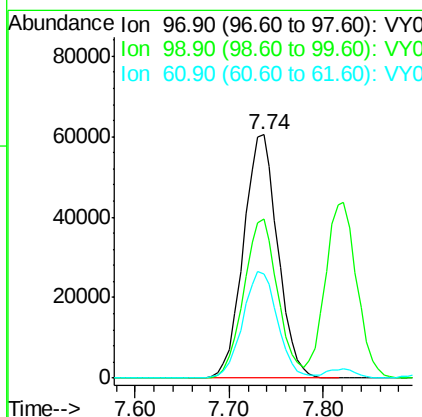
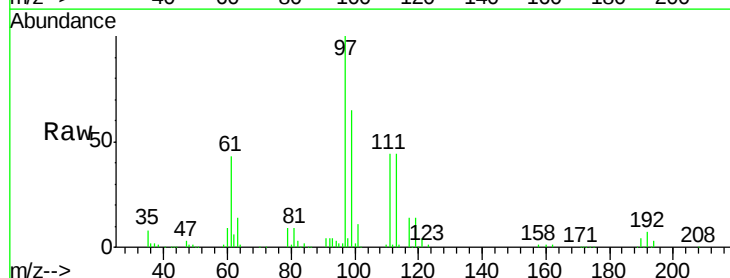
RT: 7.74 min Scan# 984

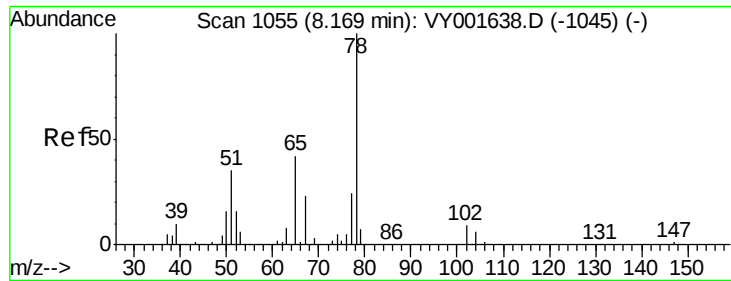
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion	97	Resp	154501
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.2	76.8
61	44.4	35.0	52.6





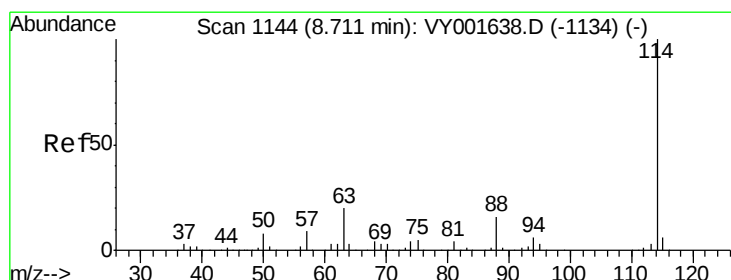
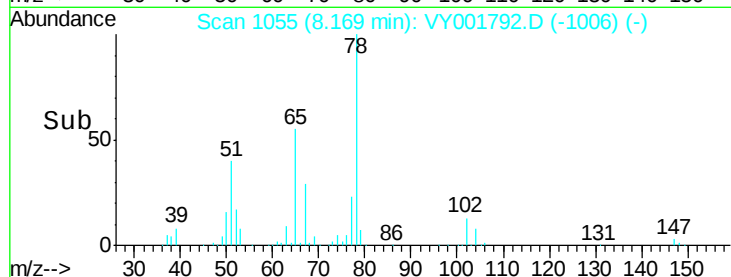
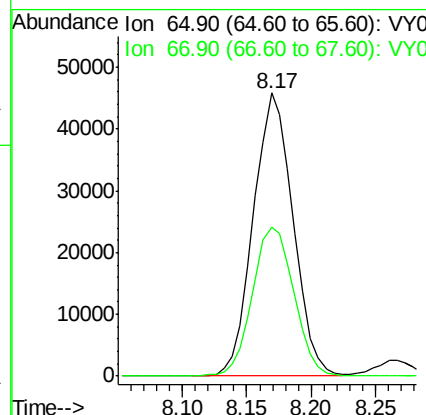
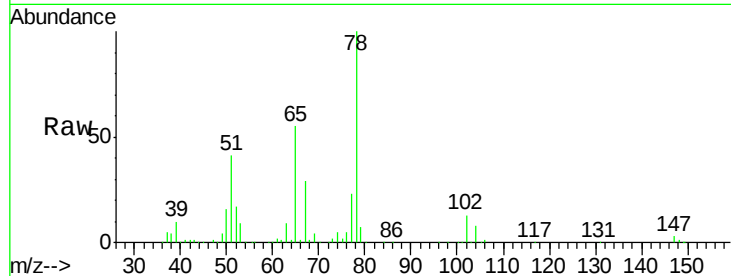
#33
 1,2-Dichloroethane-d4
 Concen: 52.072 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.1	0.0	111.0	

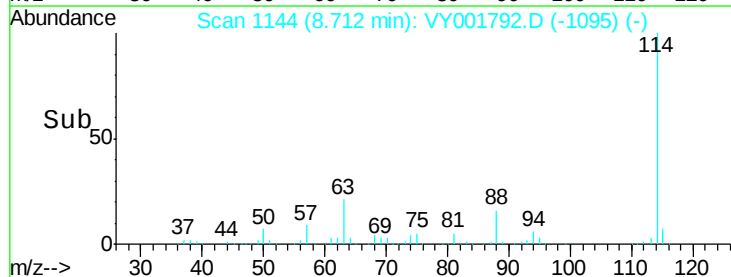
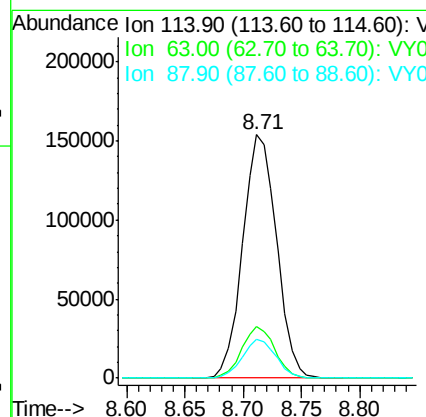
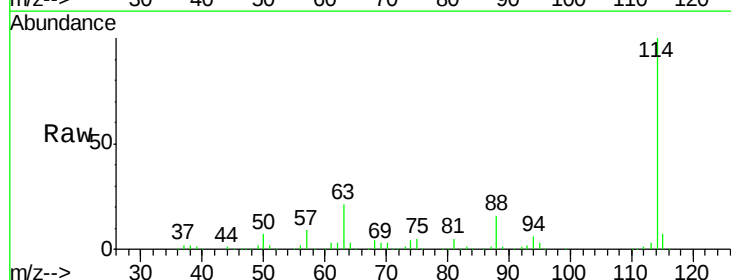
Manual Integrations
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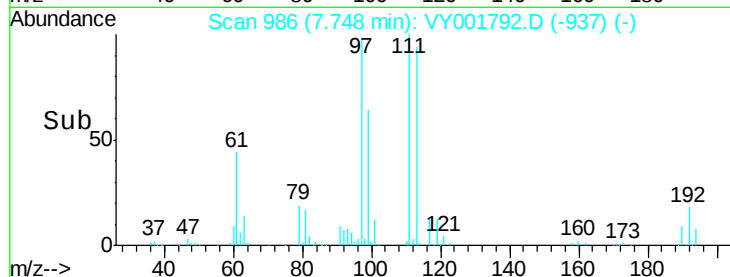
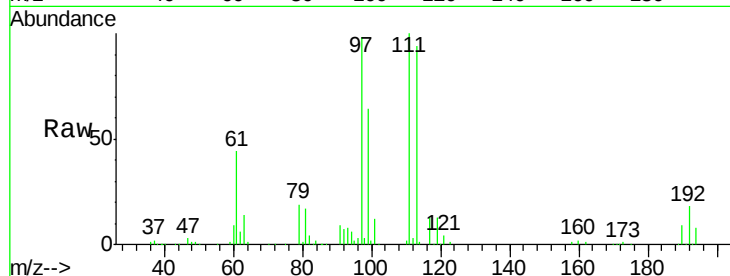
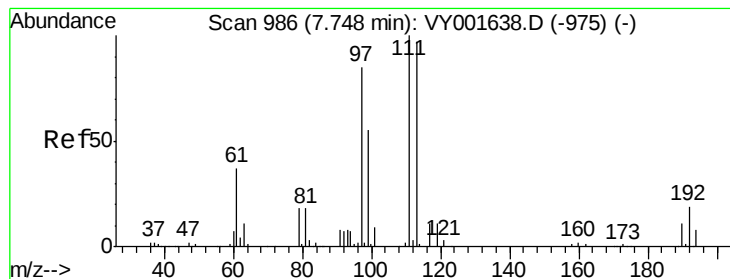
MMDadoda
 3/2/2020 10:35:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.1	0.0	41.4	
88	16.1	0.0	32.8	





#35

Dibromofluoromethane

Concen: 51.124 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001792.D

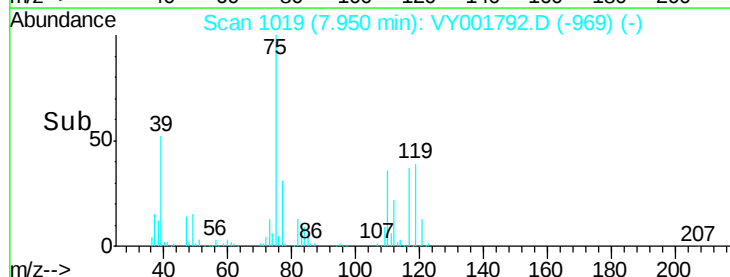
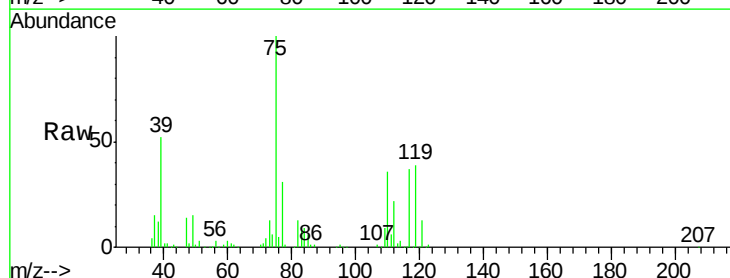
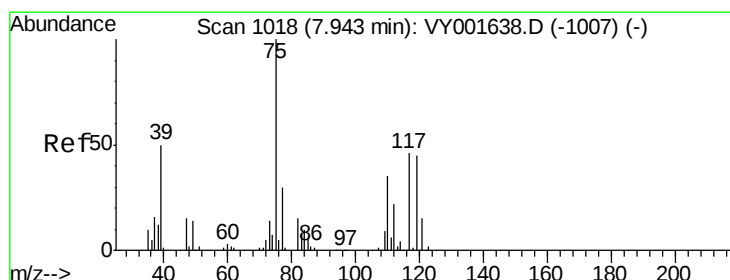
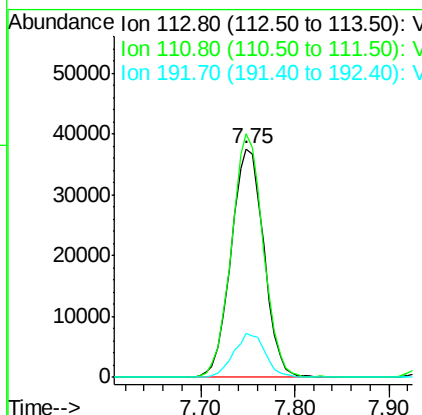
Acq: 28 Feb 2020 09:51

Tot Ion:	113	Resp:	91089
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	18.6	14.3	21.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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MMDadoda
3/2/2020 10:35:52 AM



#36

1,1-Dichloropropene

Concen: 51.015 ug/l

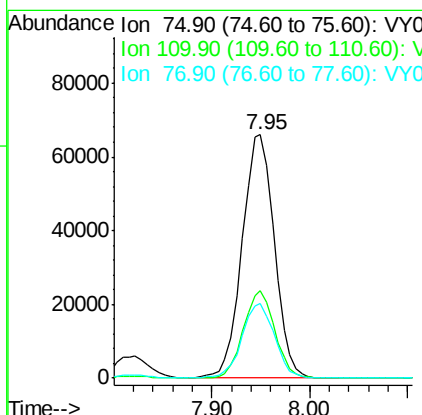
RT: 7.95 min Scan# 1019

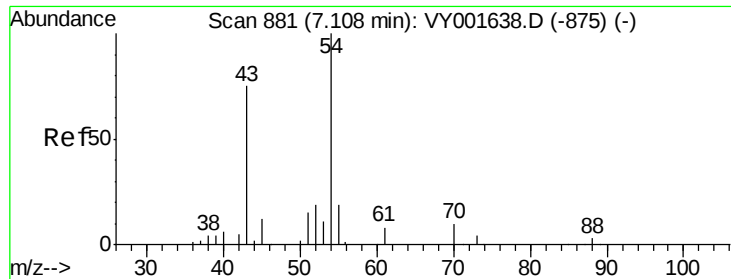
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	75	Resp:	151586
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.2	51.6
77	30.9	24.8	37.2





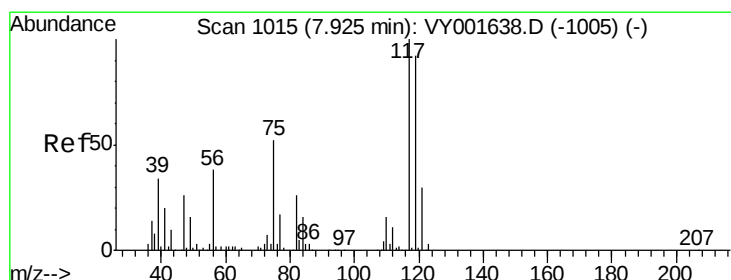
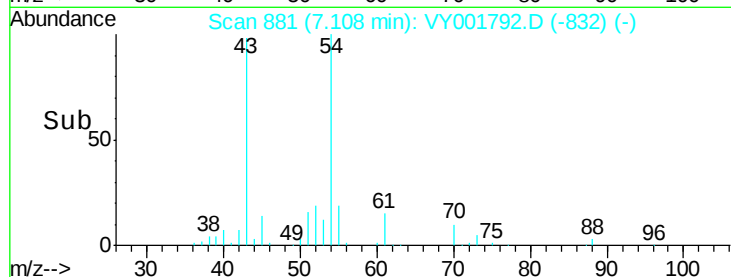
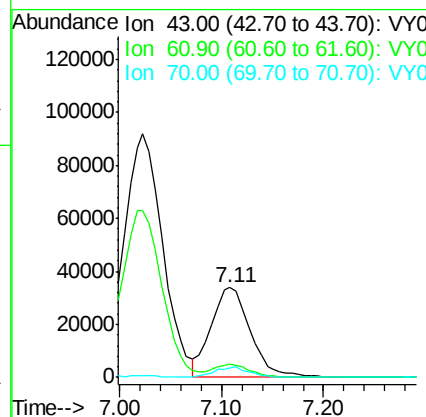
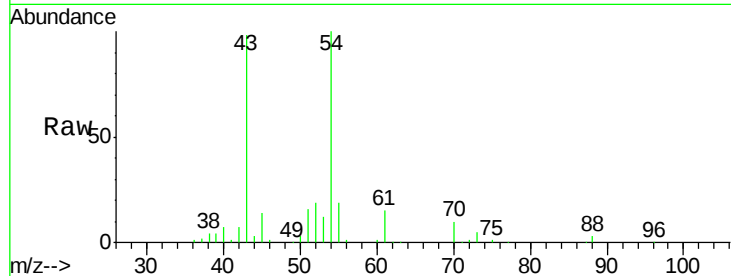
#37
Ethyl Acetate
Concen: 51.151 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.6
70	10.3	8.8	13.2

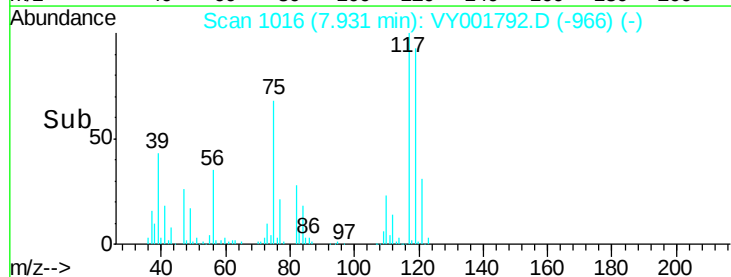
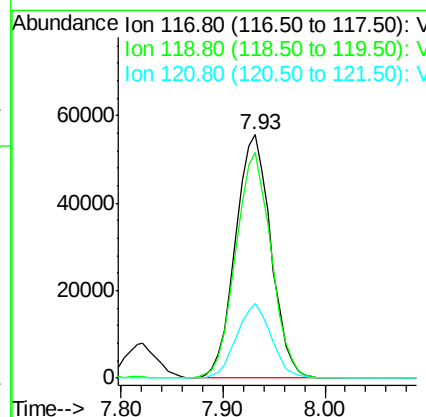
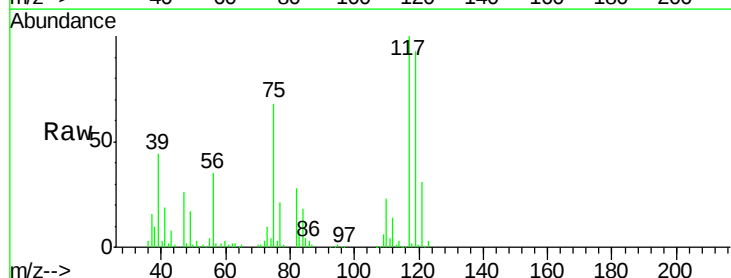
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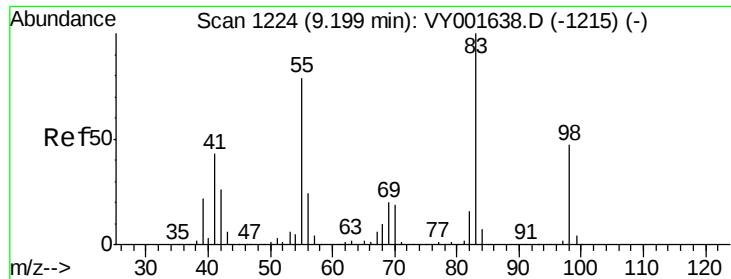
MMDadoda
3/2/2020 10:35:52 AM



#38
Carbon Tetrachloride
Concen: 51.437 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.8	112.2
121	30.6	23.8	35.6





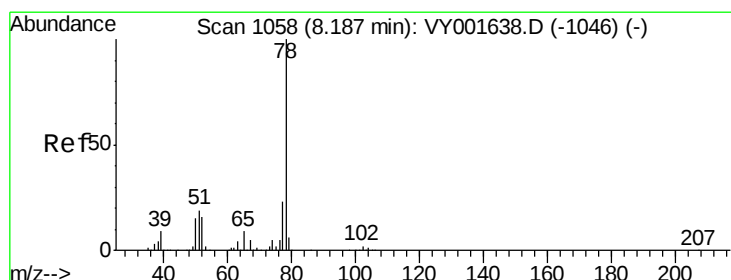
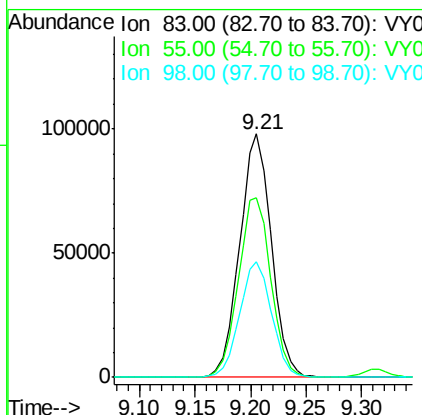
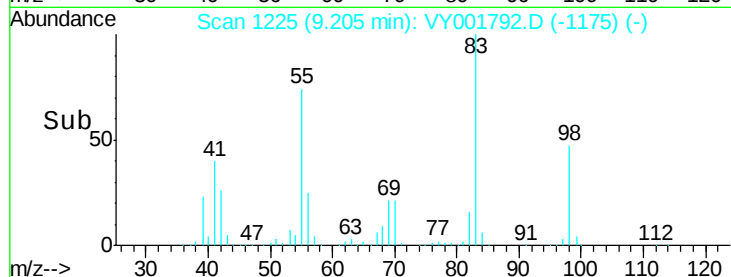
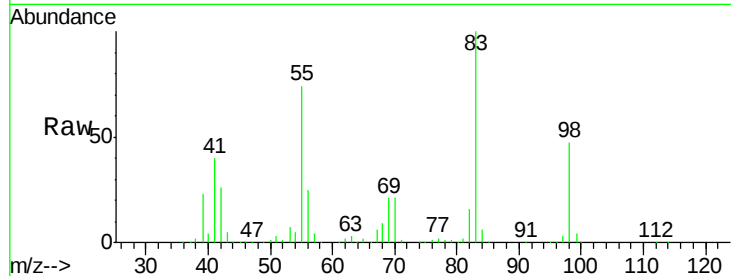
#39
Methvlcvclohexane
Concen: 49.034 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	193295		
55	73.9	61.3	91.9	
98	47.3	38.0	57.0	

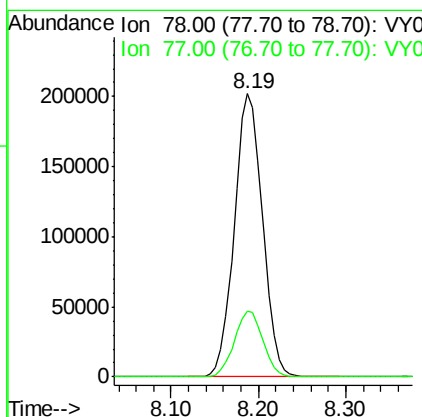
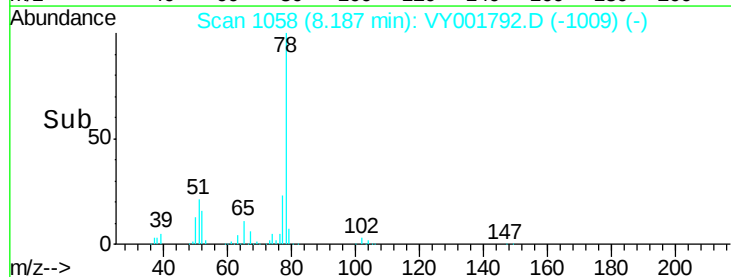
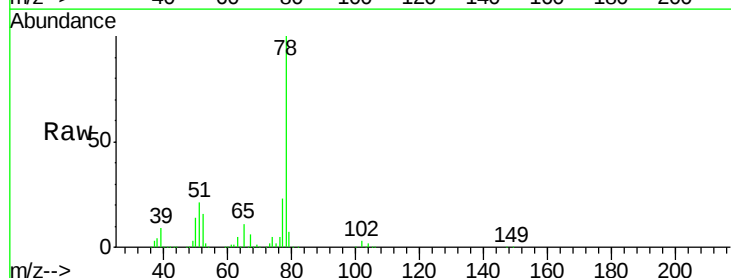
Manual Integrations
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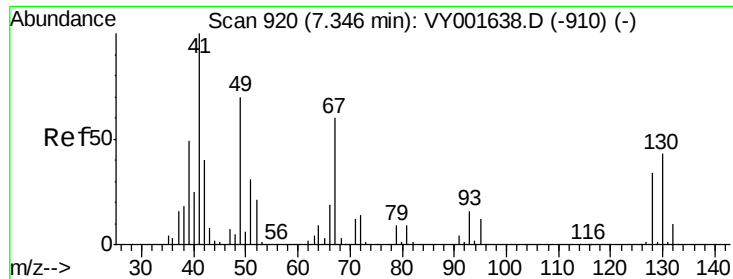
MMDadoda
3/2/2020 10:35:52 AM



#40
Benzene
Concen: 51.676 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	451598		
77	23.3	18.2	27.4	





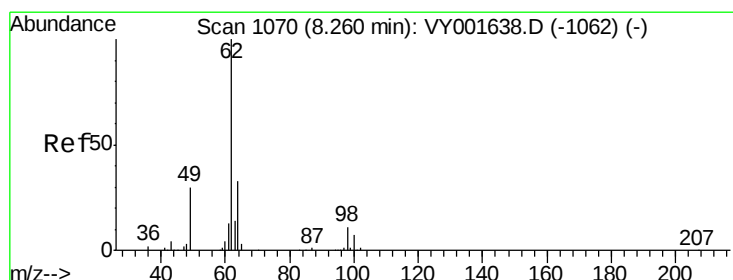
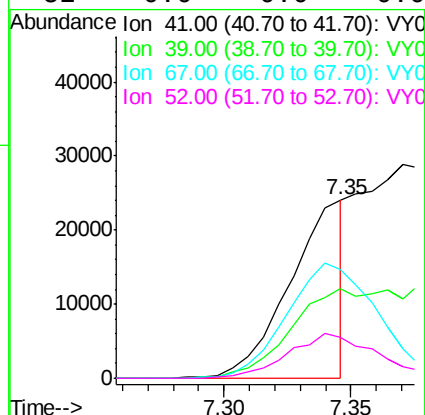
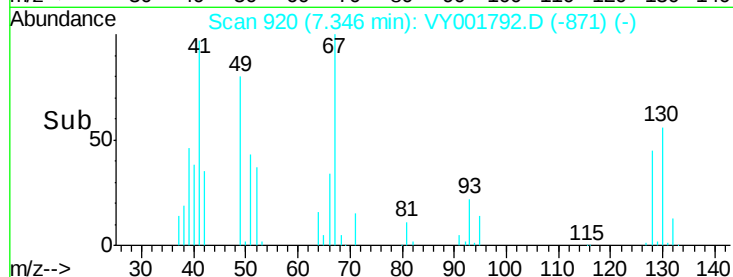
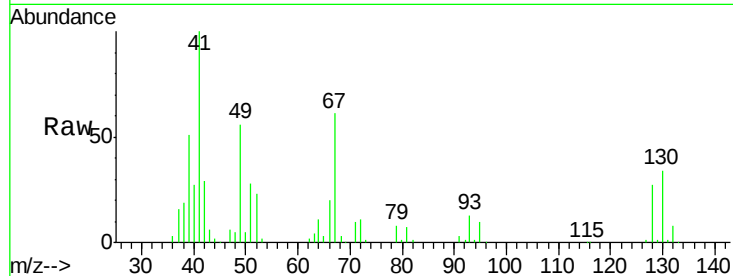
#41
Methacrylonitrile
Concen: 41.054 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	36558
Ion Ratio	Lower	Upper	
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

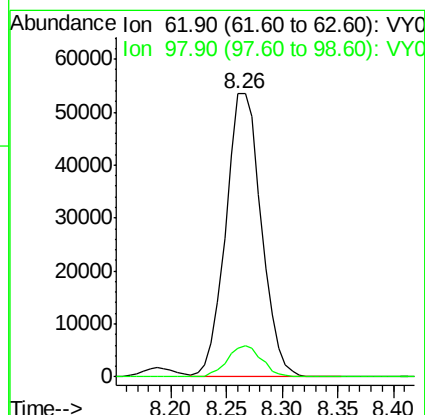
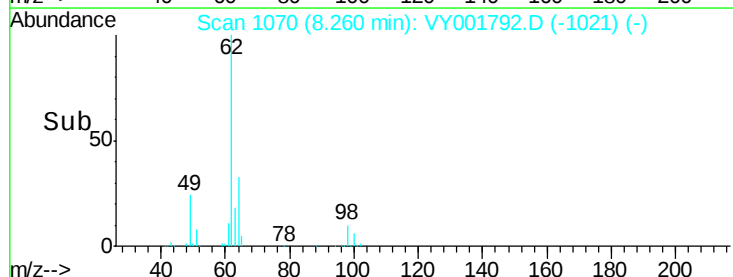
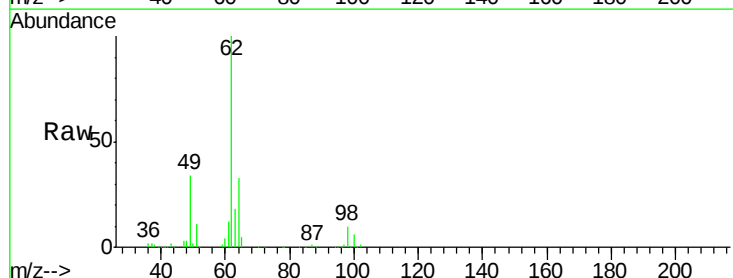
Manual Integrations
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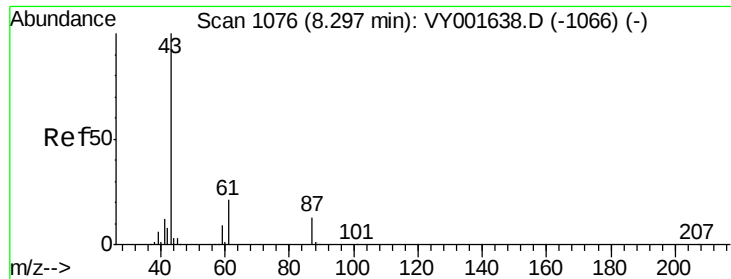
MMDadoda
3/2/2020 10:35:52 AM



#42
1,2-Dichloroethane
Concen: 49.717 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	62	Resp	118366
Ion Ratio	Lower	Upper	
62	100		
98	10.7	0.0	20.8





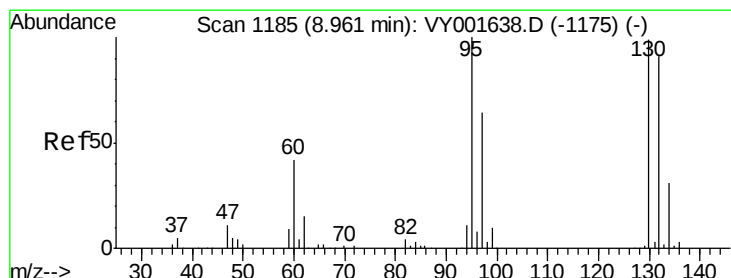
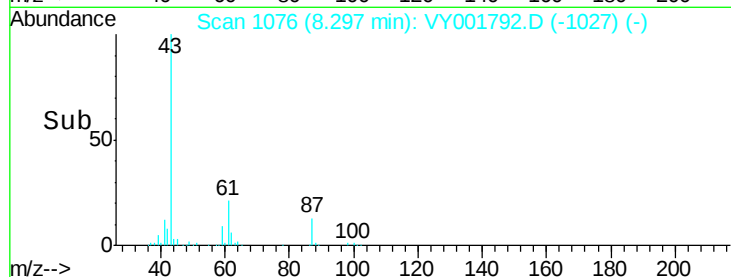
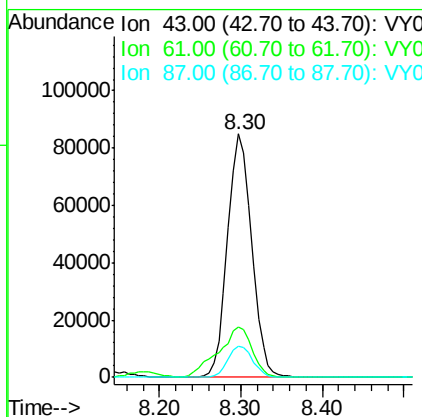
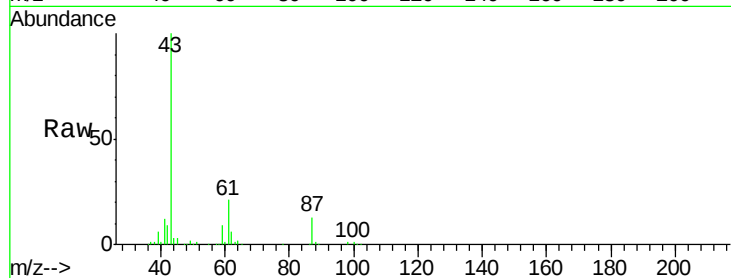
#43
Isopropyl Acetate
Concen: 51.664 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.0	34.4
87	13.0	10.7	16.1

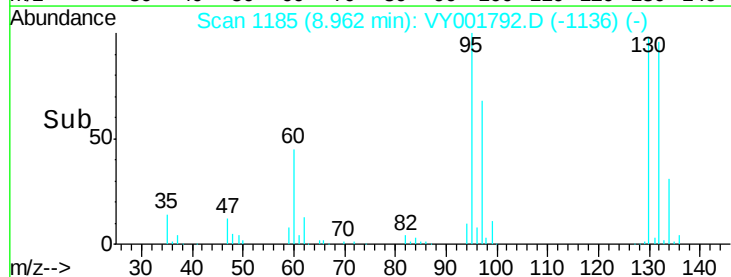
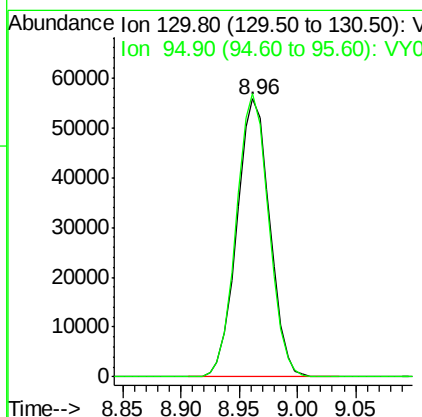
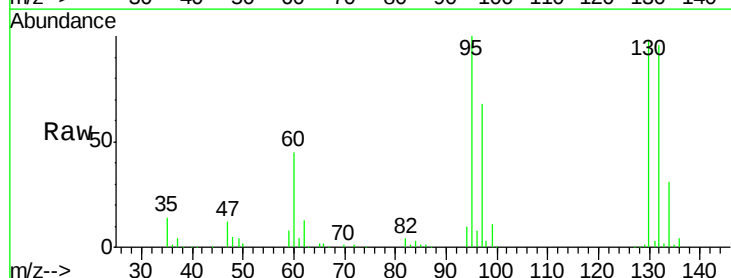
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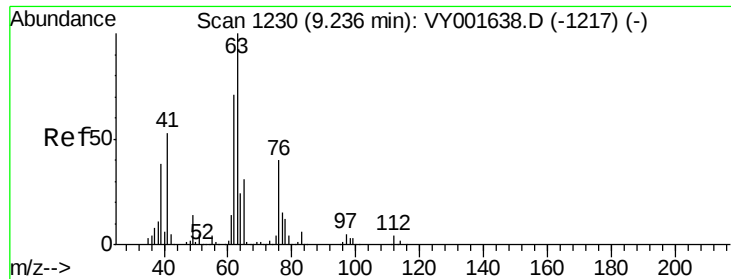
MMDadoda
3/2/2020 10:35:52 AM



#44
Trichloroethene
Concen: 50.418 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	200.6





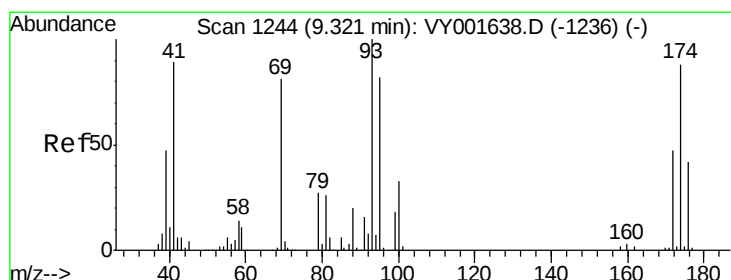
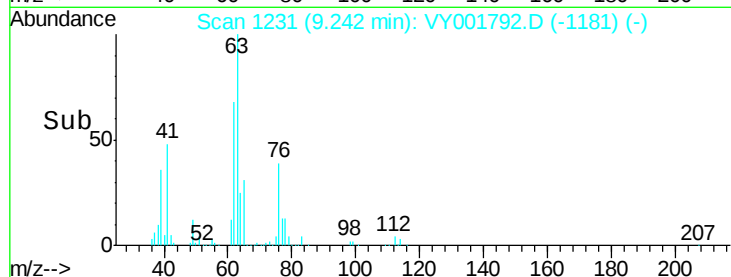
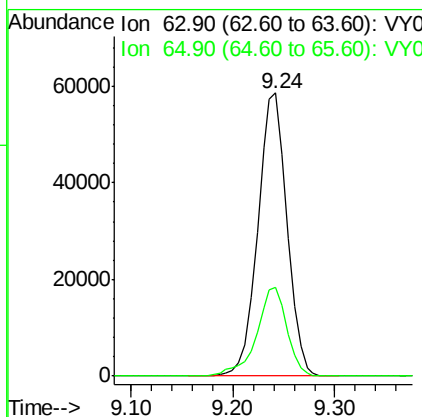
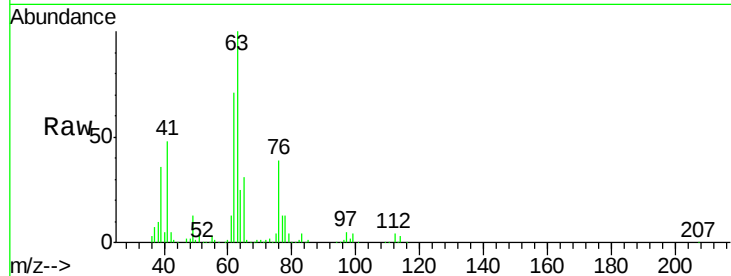
#45
 1,2-Dichloropropane
 Concen: 53.275 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 116598
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 37.0

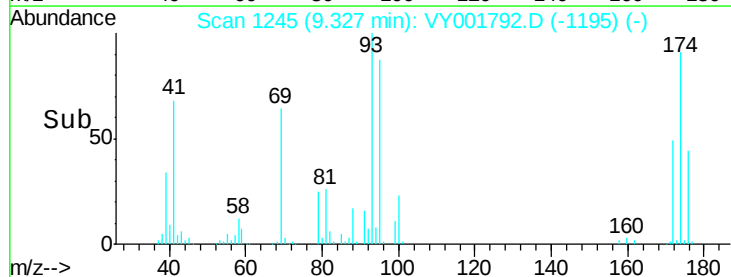
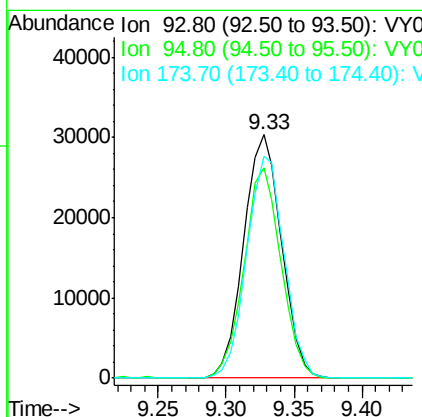
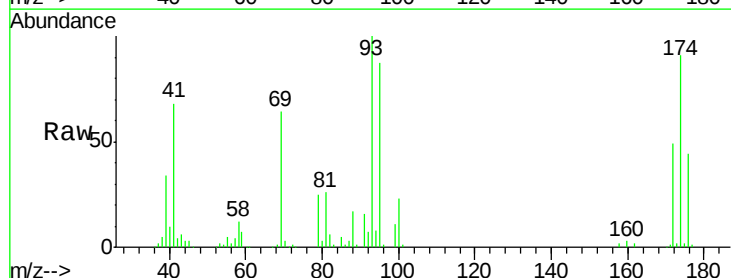
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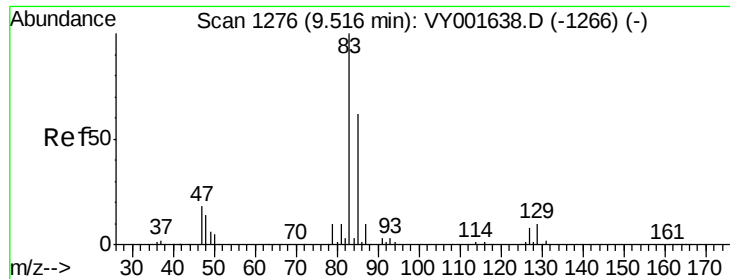
MMDadoda
 3/2/2020 10:35:52 AM



#46
 Dibromomethane
 Concen: 51.674 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 93 Resp: 59152
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.1 99.1
 174 90.4 72.5 108.7





#47

Bromodichloromethane

Concen: 51.568 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

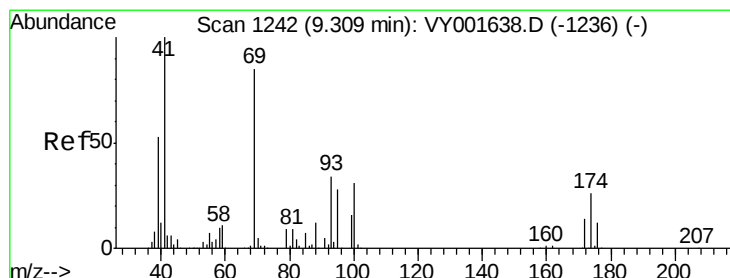
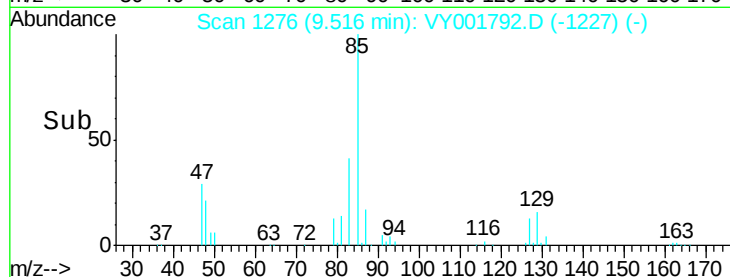
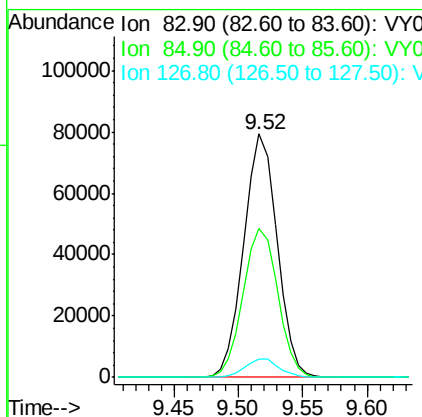
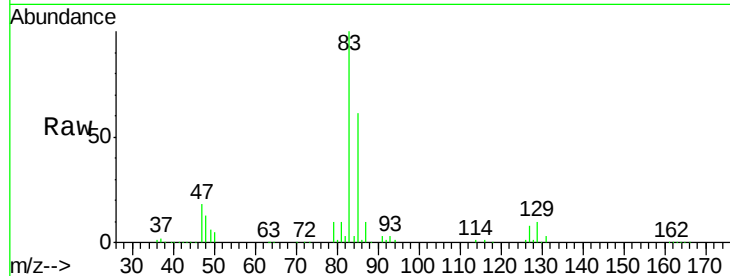
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	142470
Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.4	77.0
127	7.7	6.4	9.6

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 50.833 ug/l

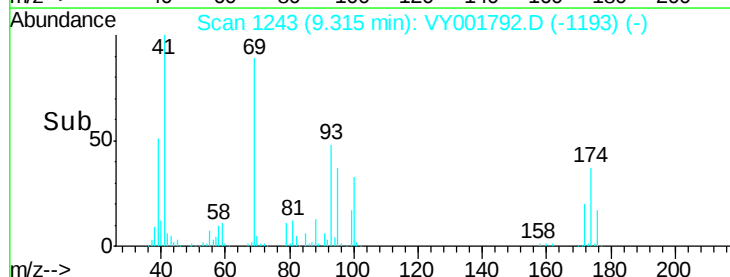
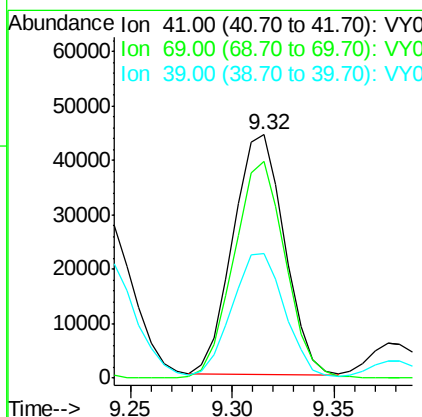
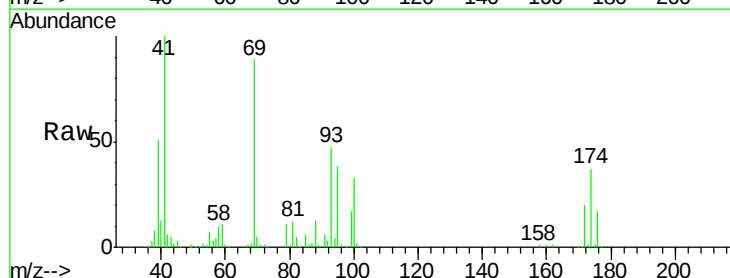
RT: 9.32 min Scan# 1243

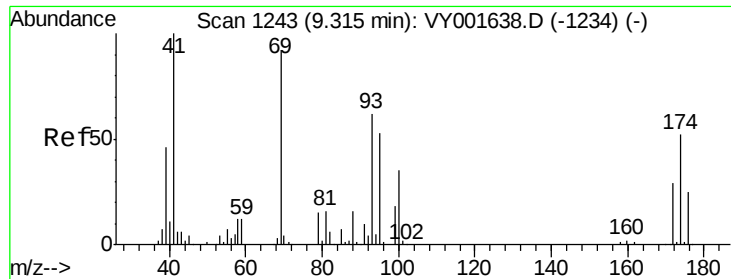
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	41	Resp:	77359
Ion	Ratio	Lower	Upper
41	100		
69	90.7	70.7	106.1
39	51.9	42.2	63.2





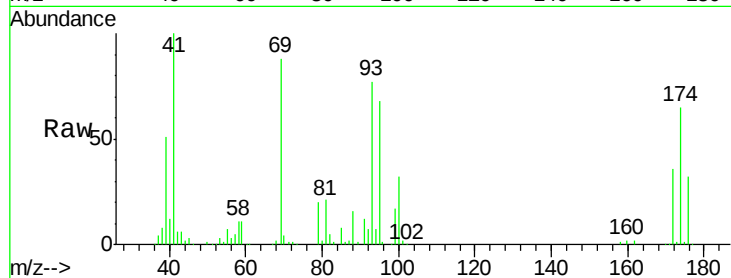
#49
1,4-Dioxane
Concen: 973.216 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	23.1	34.7
58	66.2	58.1	87.1

Manual Integrations
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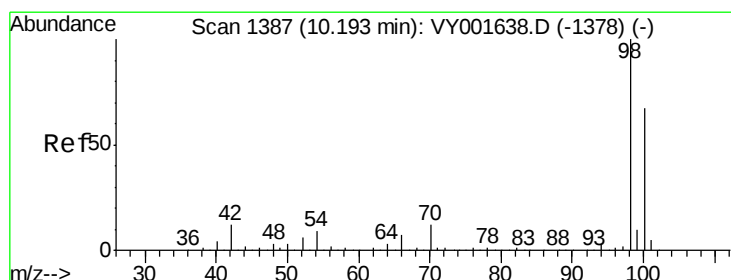
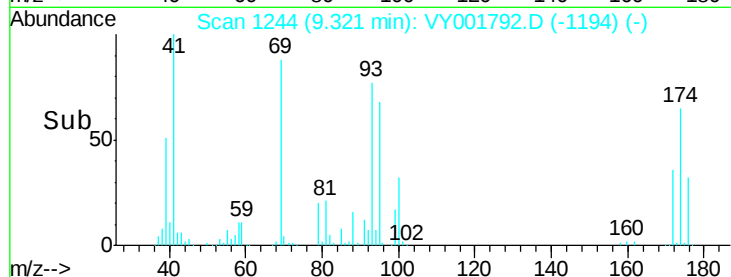
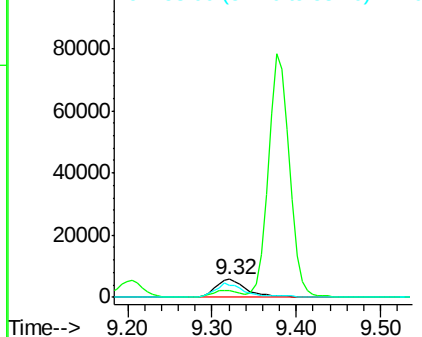


Abundance

Ion 88.00 (87.70 to 88.70): VY001638.D (-1234) (-)

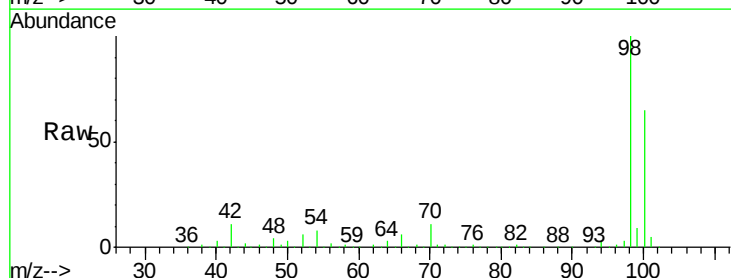
Ion 43.00 (42.70 to 43.70): VY001638.D (-1234) (-)

Ion 58.00 (57.70 to 58.70): VY001638.D (-1234) (-)



#50
Toluene-d8
Concen: 55.164 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

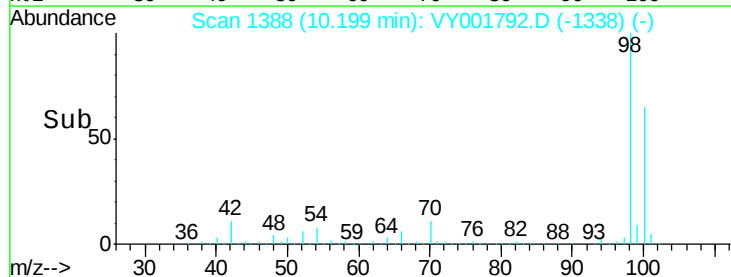
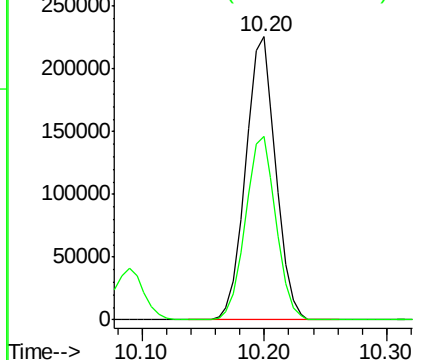
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4

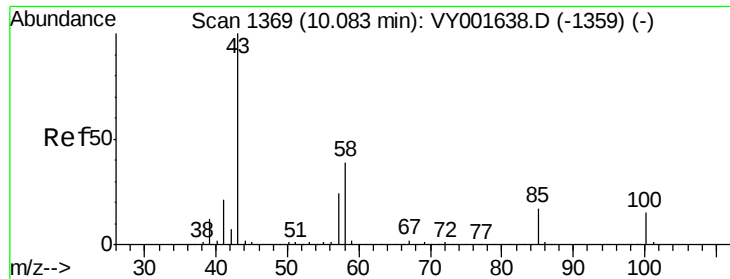


Abundance

Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)





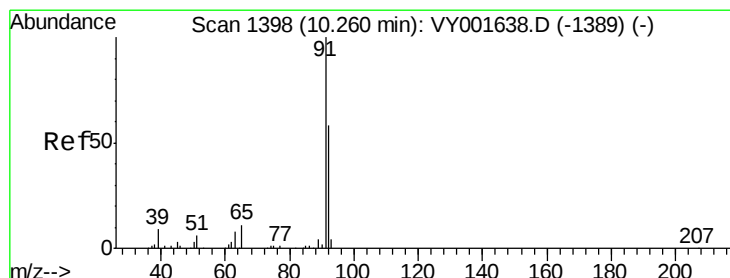
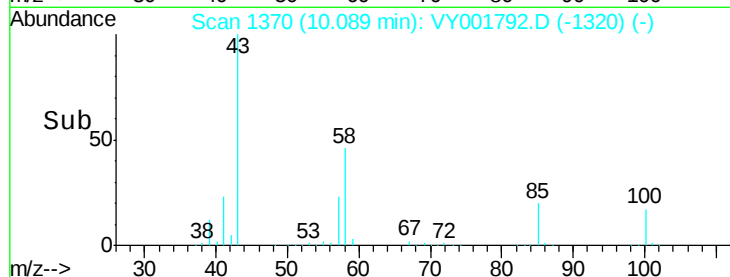
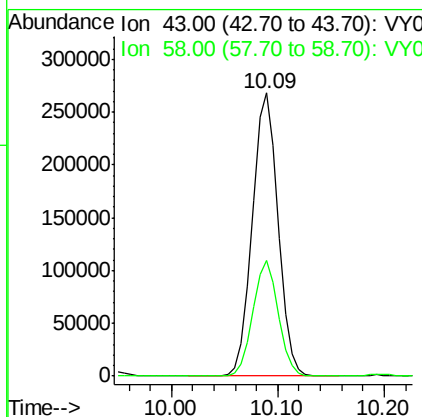
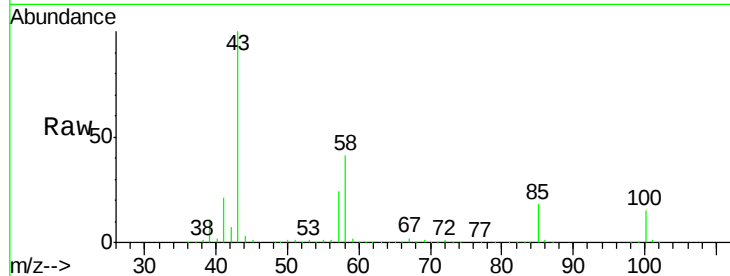
#51
4-Methyl-2-Pentanone
Concen: 263.410 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	40.3		32.2	48.4	

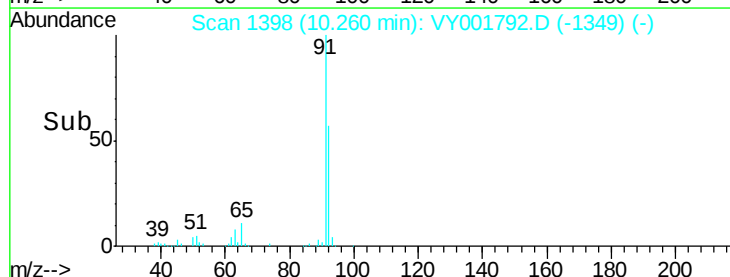
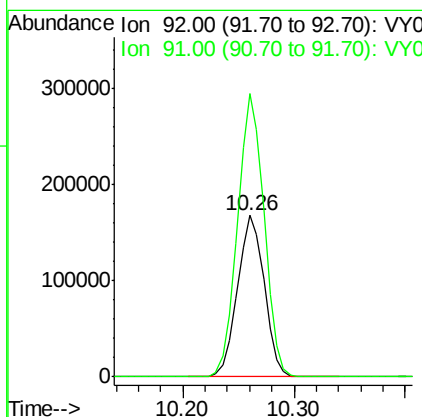
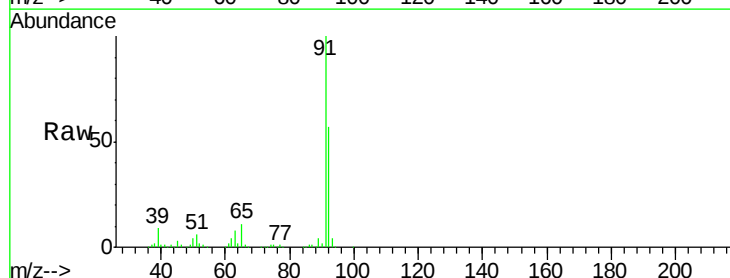
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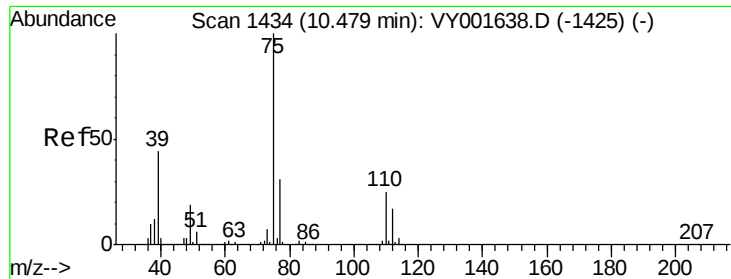
MMDadoda
3/2/2020 10:35:52 AM



#52
Toluene
Concen: 51.107 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	173.5		137.0	205.6	





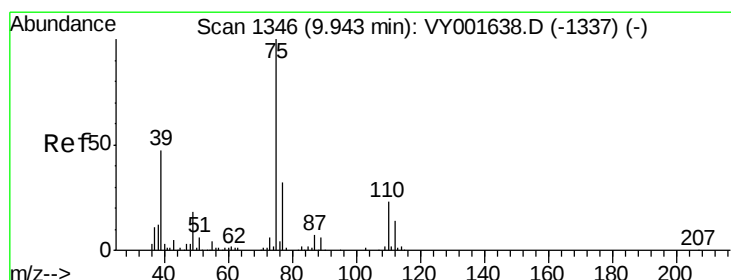
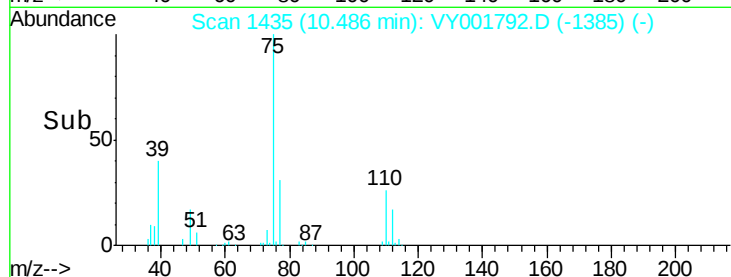
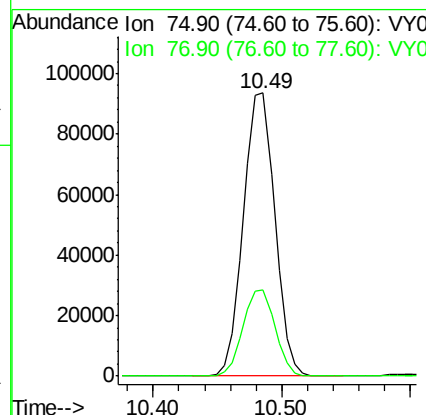
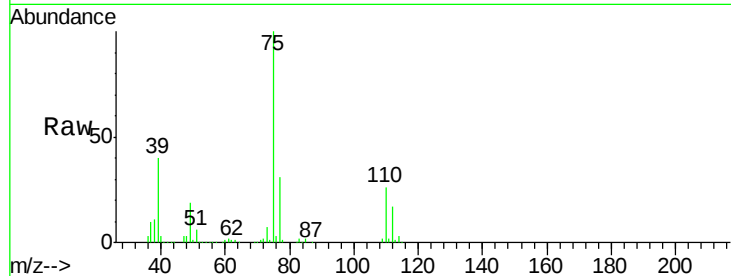
#53
 t-1,3-Dichloropropene
 Concen: 51.836 ug/l
 RT: 10.49 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

Tot Ion: 75 Resp: 158320
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8

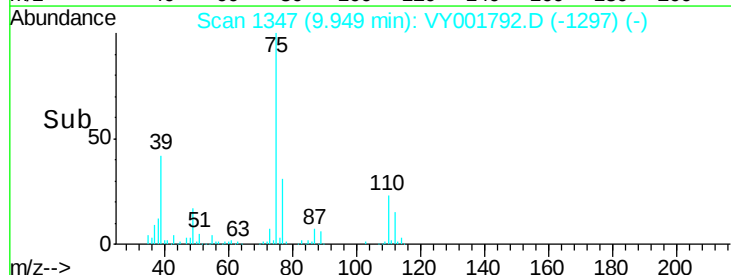
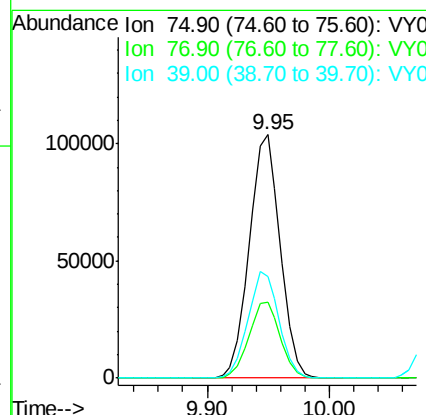
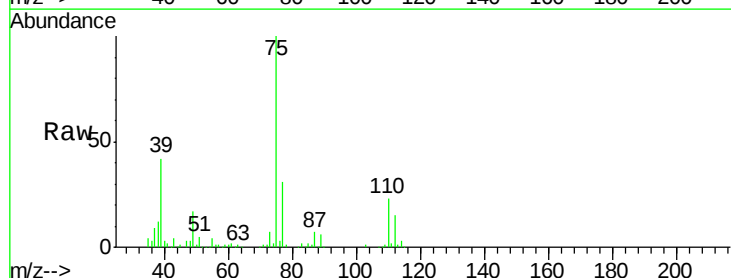
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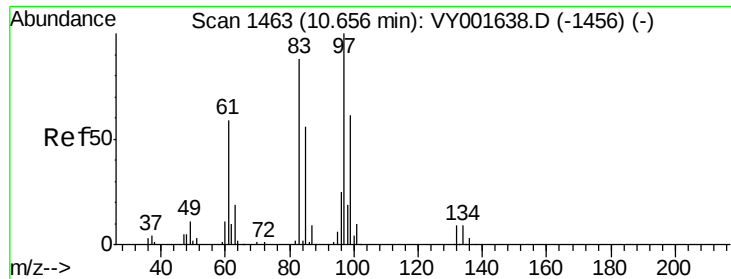
MMDadoda
 3/2/2020 10:35:52 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.633 ug/l
 RT: 9.95 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 75 Resp: 181502
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.7 38.5
 39 42.0 35.7 53.5





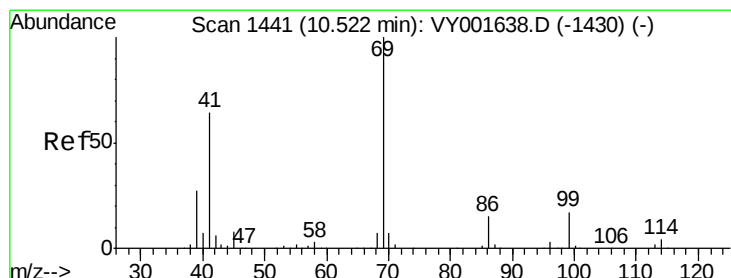
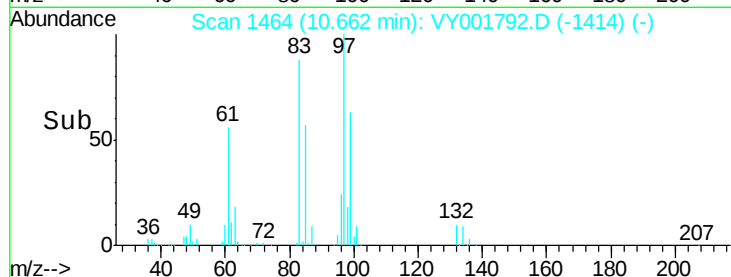
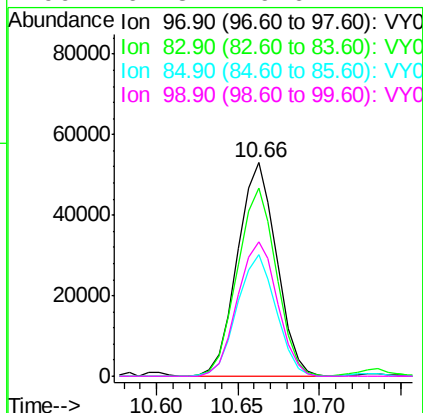
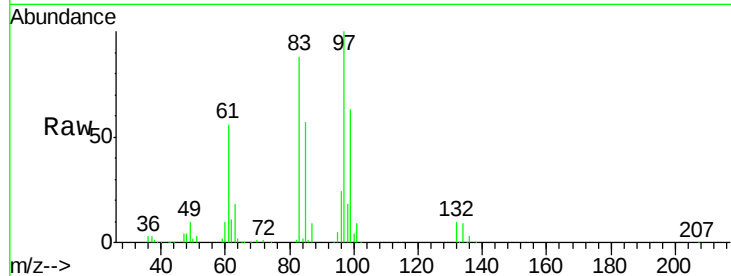
#55
 1,1,2-Trichloroethane
 Concen: 52.353 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.7	104.5
85	56.8	44.5	66.7
99	62.8	49.6	74.4

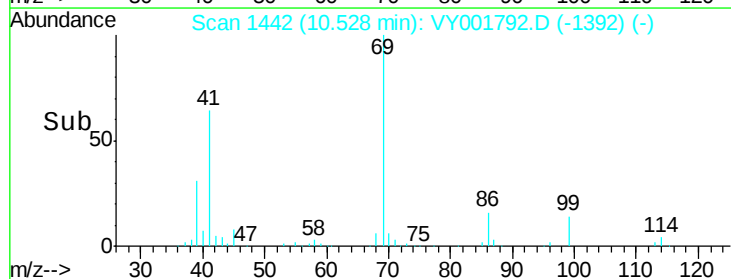
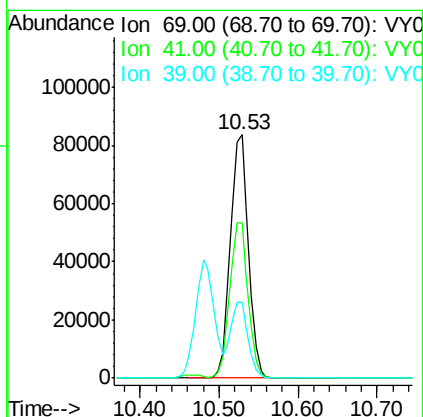
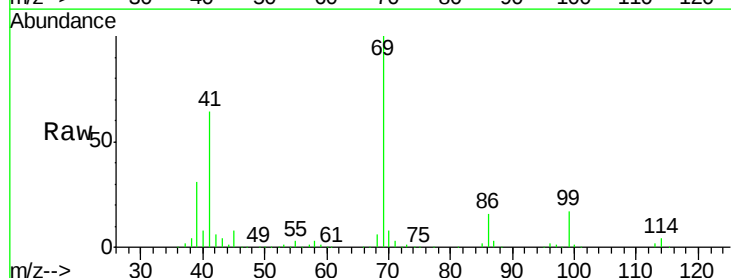
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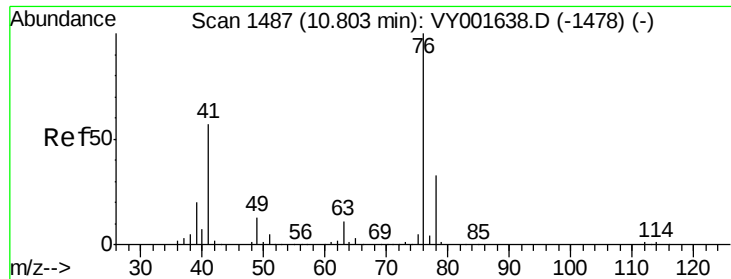
MMDadoda
 3/2/2020 10:35:52 AM



#56
 Ethyl methacrylate
 Concen: 52.628 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.7	51.0	76.4
39	30.7	24.7	37.1





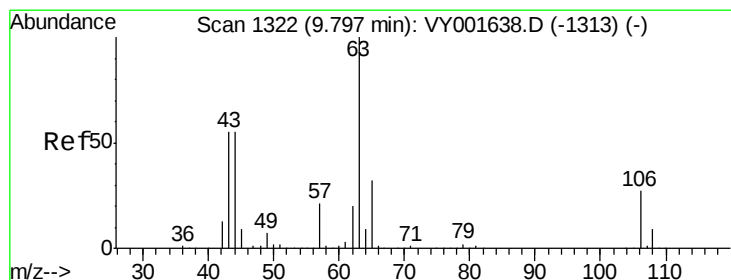
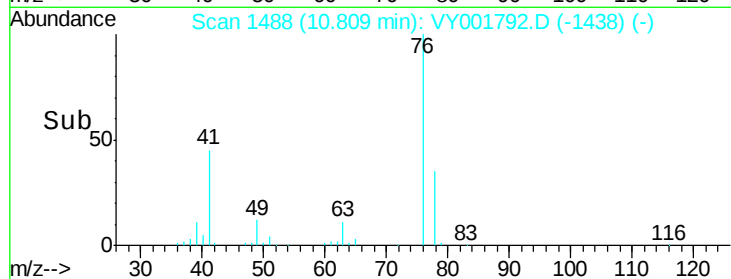
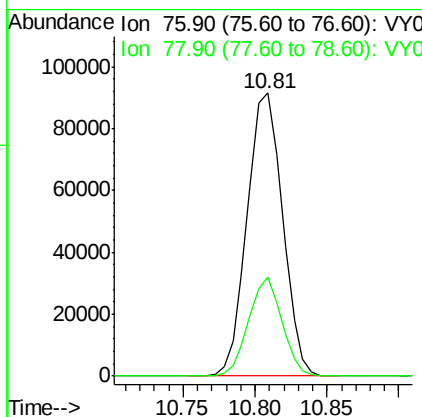
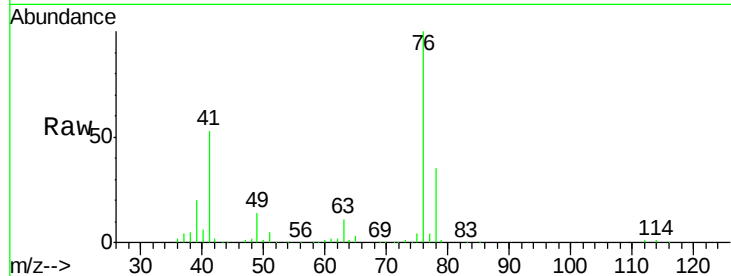
#57
 1,3-Dichloropropane
 Concen: 52.007 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 155977
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.7 38.5

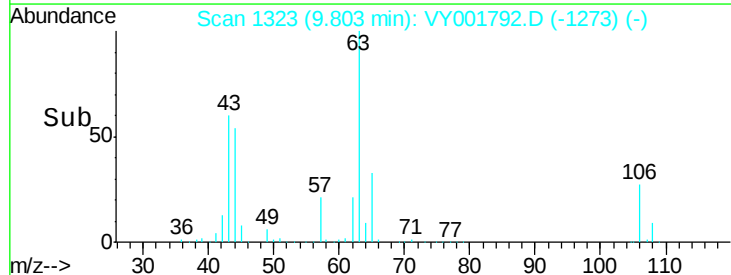
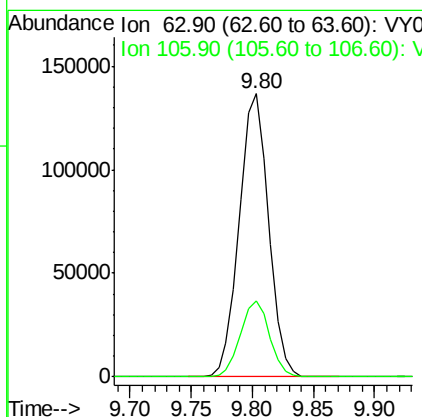
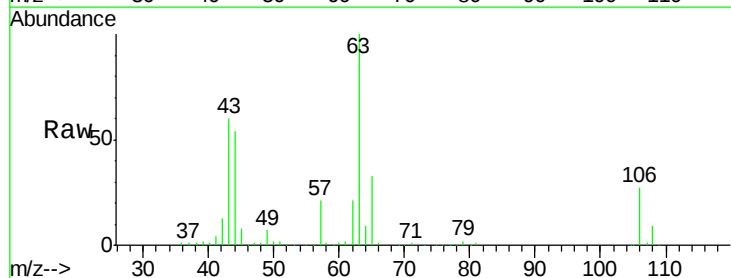
Manual Integrations
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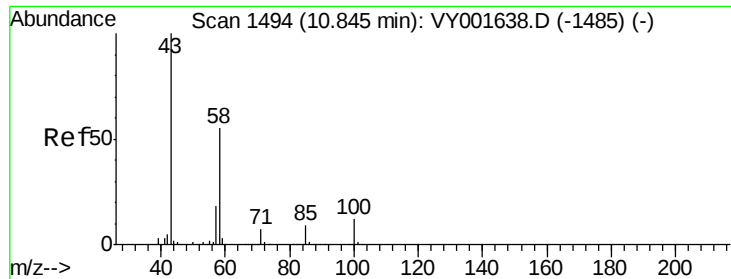
MMDadoda
 3/2/2020 10:35:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.739 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 63 Resp: 227293
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.6 32.4





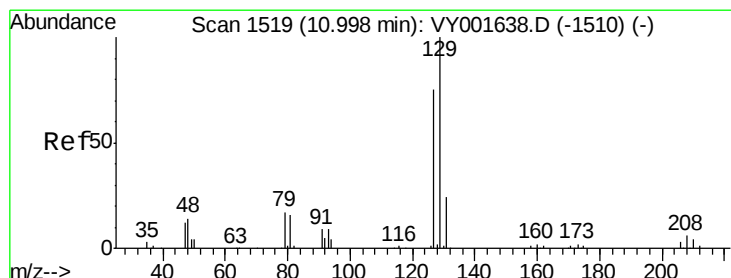
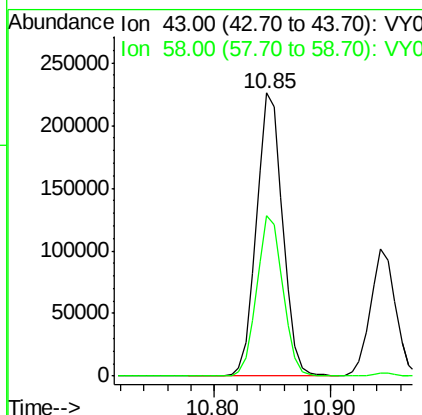
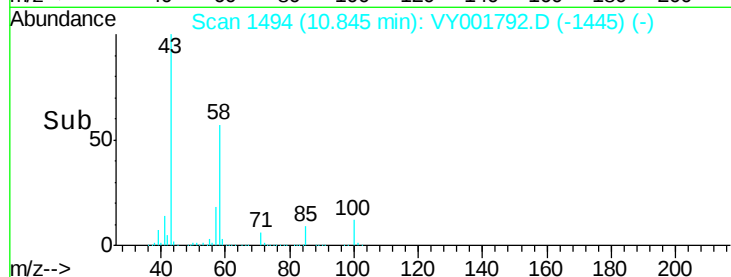
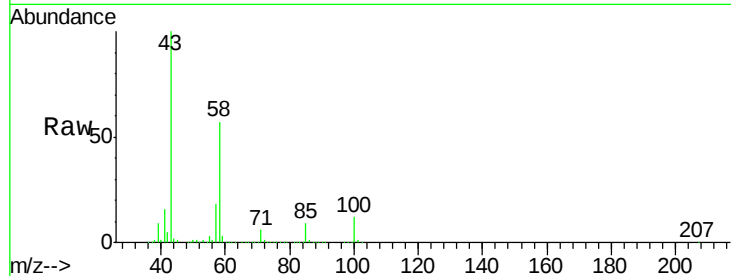
#59
2-Hexanone
Concen: 273.743 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 355099
Ion Ratio Lower Upper
43 100
58 56.5 28.4 85.2

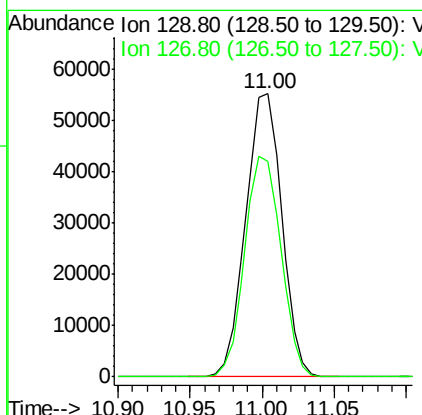
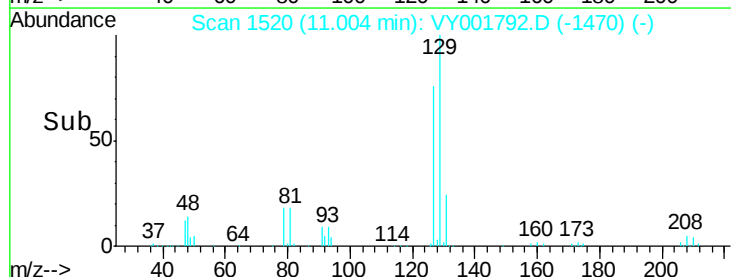
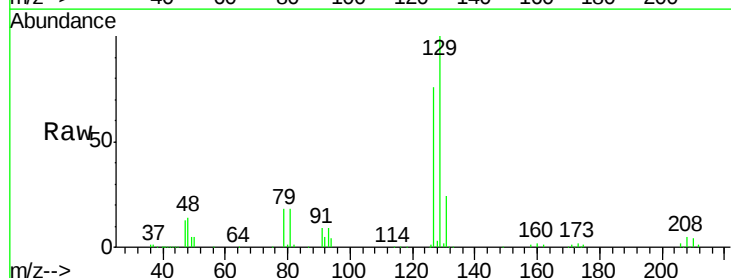
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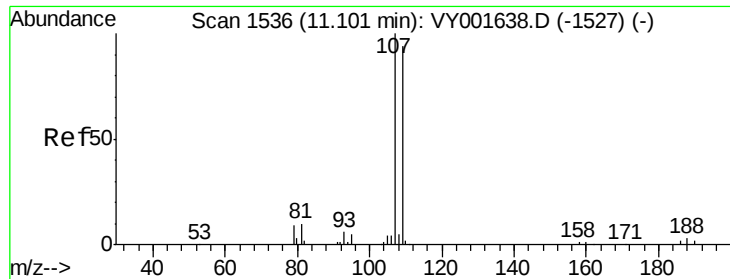
MMDadoda
3/2/2020 10:35:52 AM



#60
Dibromochloromethane
Concen: 51.451 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 129 Resp: 95749
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6





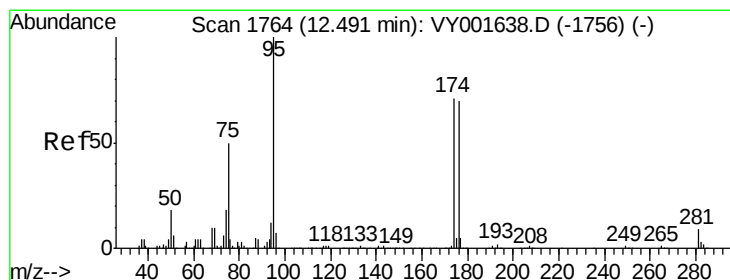
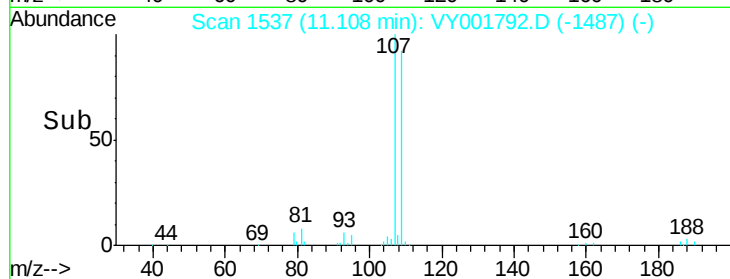
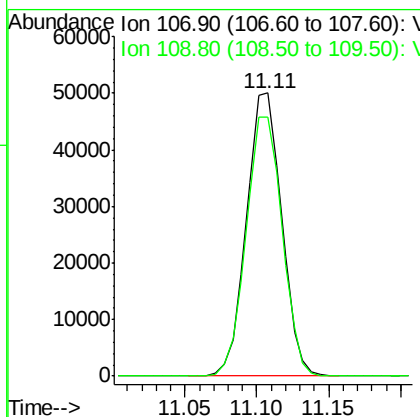
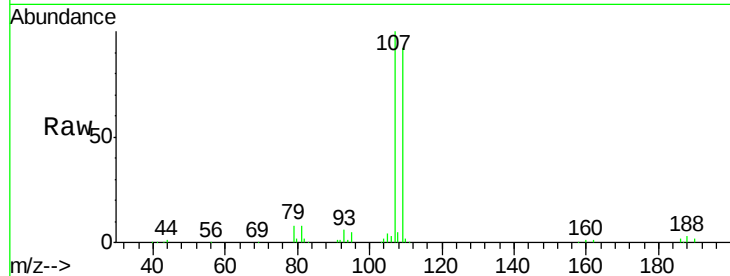
#61
 1,2-Dibromoethane
 Concen: 52.925 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.2	111.4

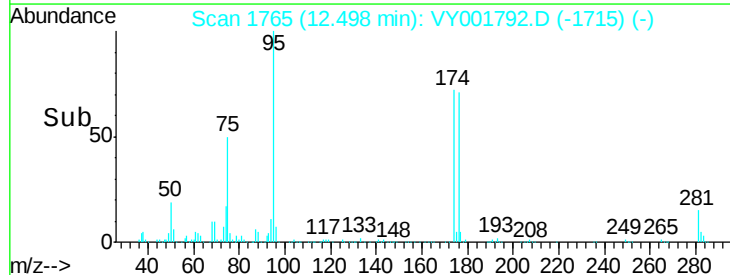
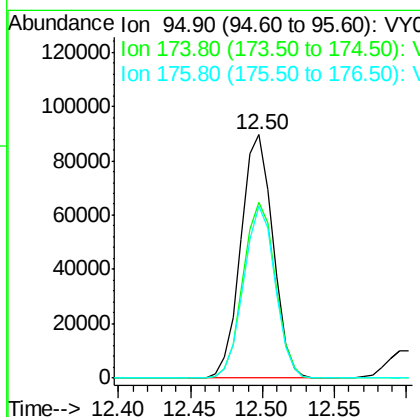
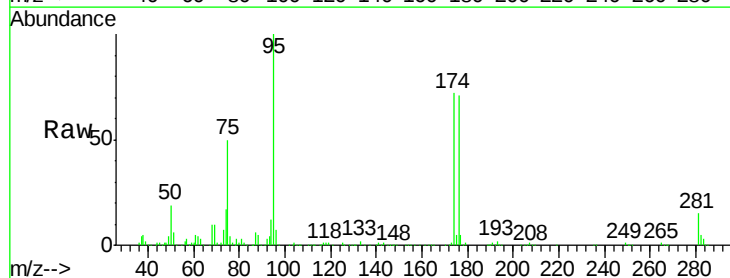
Manual Integrations
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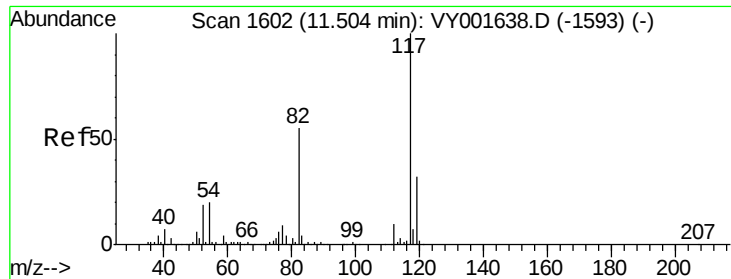
MMDadoda
 3/2/2020 10:35:52 AM



#62
 4-Bromofluorobenzene
 Concen: 51.124 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	138.4
176	69.1	0.0	131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

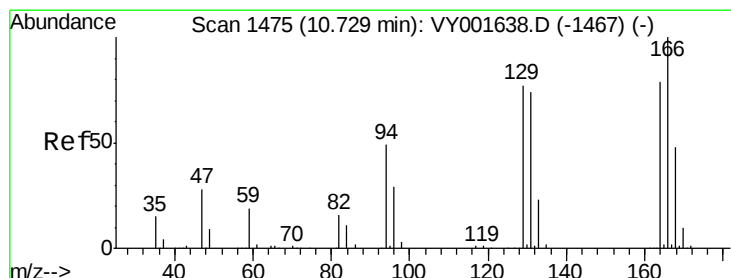
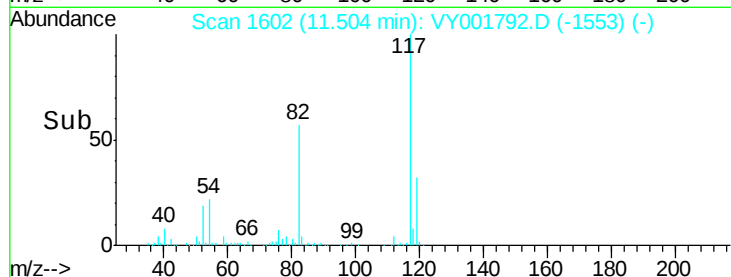
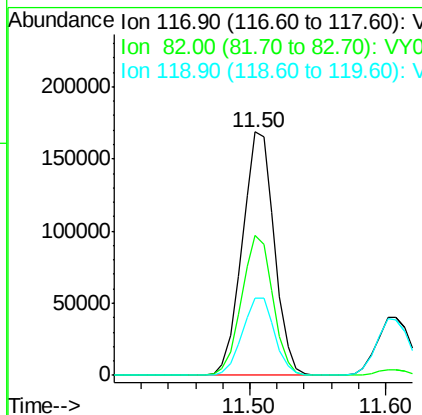
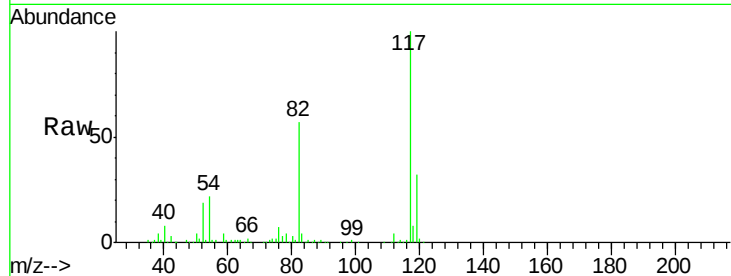
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	276850
Ion Ratio	Lower	Upper	
117	100		
82	57.4	45.5	68.3
119	31.6	25.8	38.6

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#64

Tetrachloroethene

Concen: 50.887 ug/l

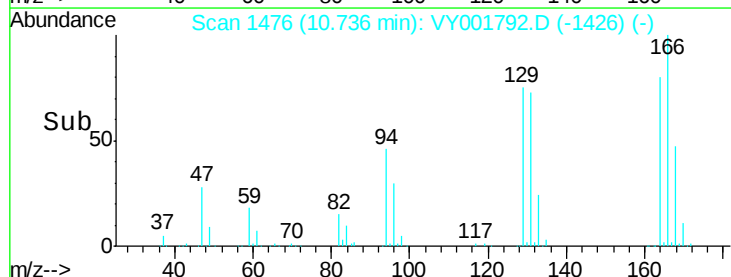
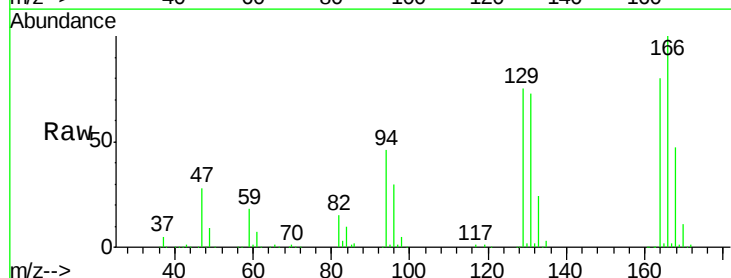
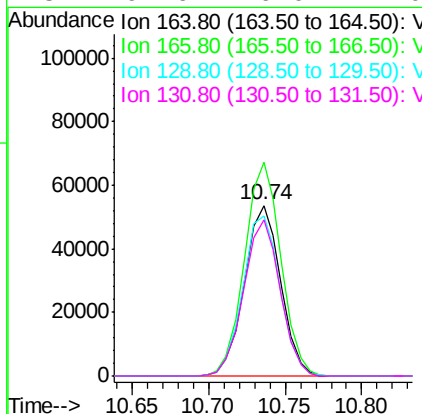
RT: 10.74 min Scan# 1476

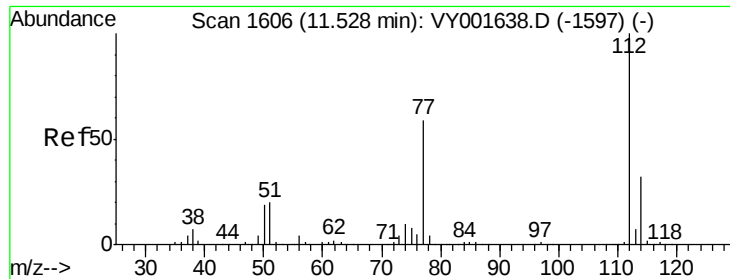
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	164	Resp:	88439
Ion Ratio	Lower	Upper	
164	100		
166	125.2	101.4	152.0
129	93.9	78.7	118.1
131	91.6	76.0	114.0





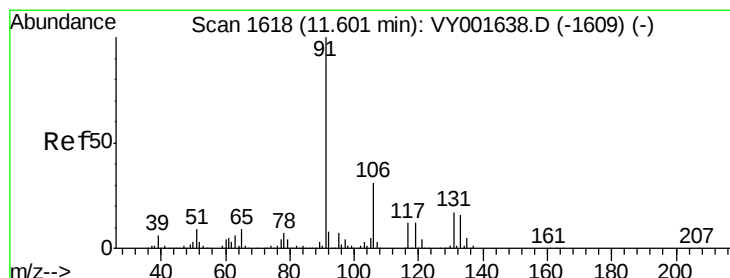
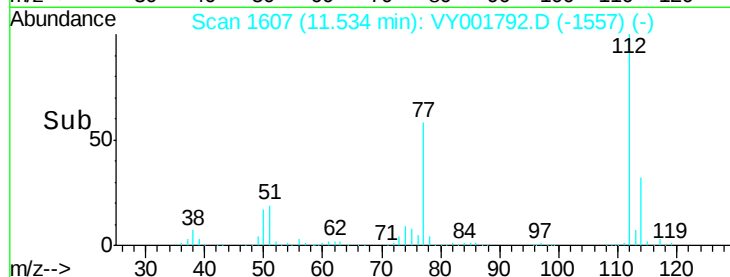
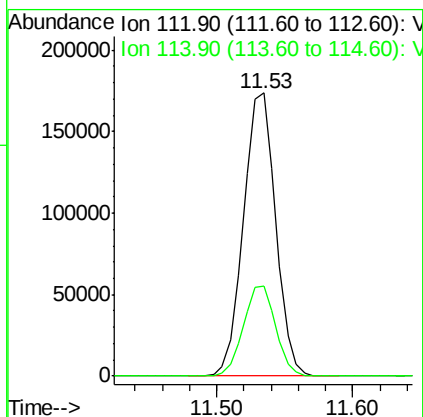
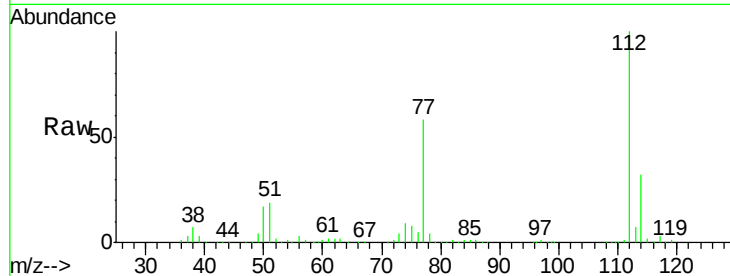
#65
Chlorobenzene
Concen: 52.093 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 287933
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

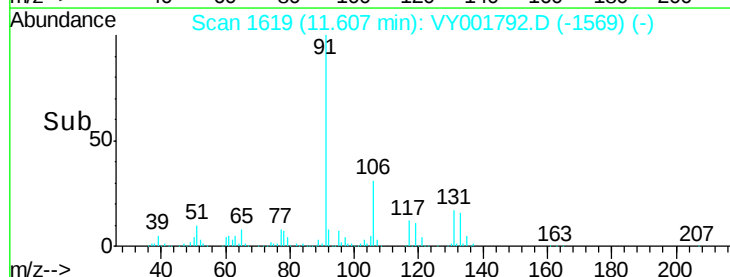
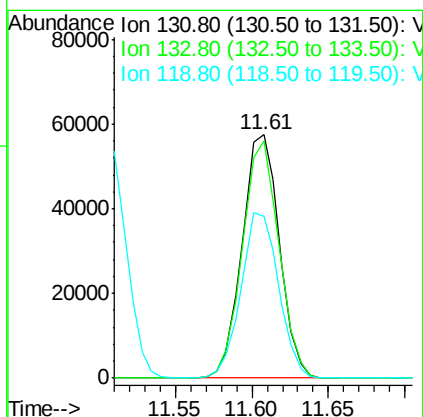
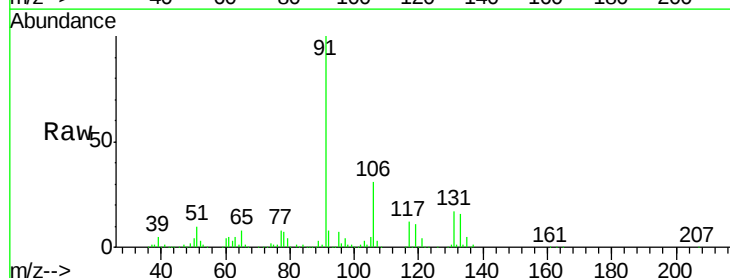
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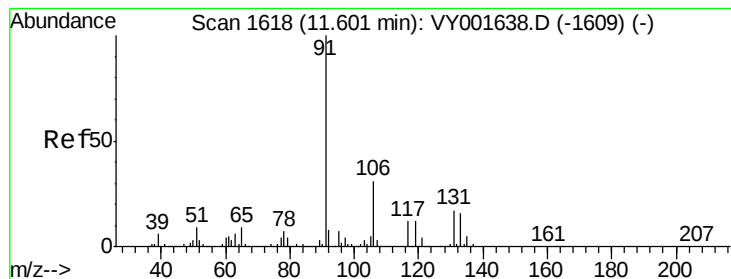
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.159 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion:131 Resp: 97252
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 68.8 34.4 103.1





#67

Ethyl Benzene

Concen: 52.250 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 535947

Ion Ratio Lower Upper

91 100

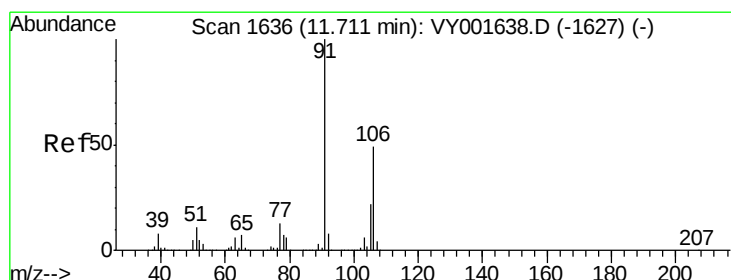
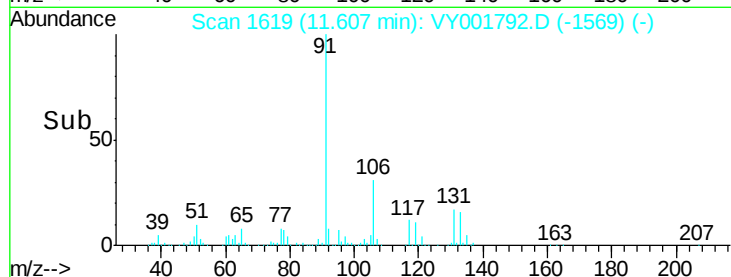
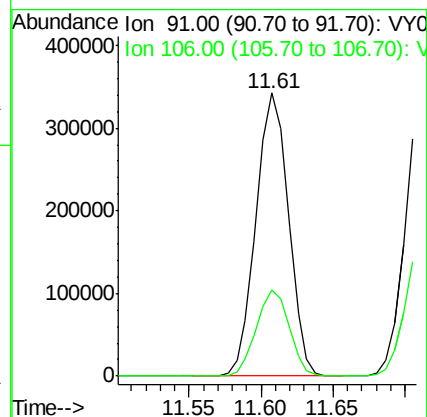
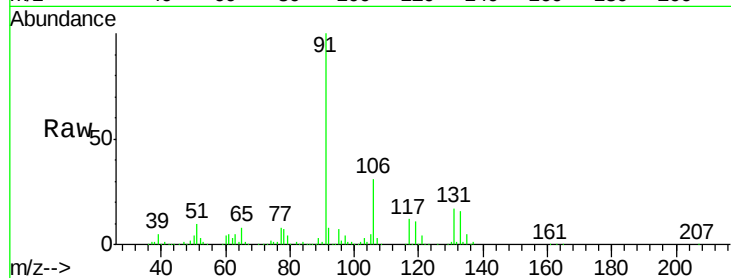
106 30.7 24.5 36.7

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#68

m/p-Xylenes

Concen: 103.871 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001792.D

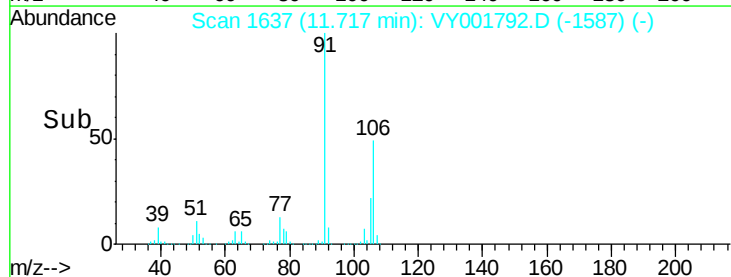
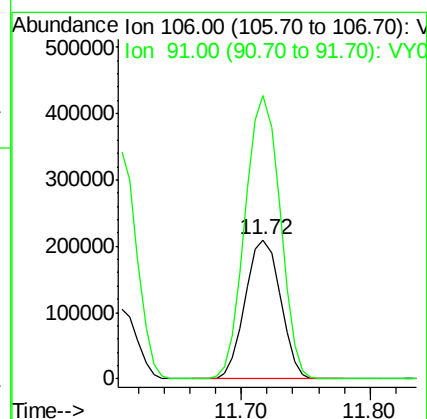
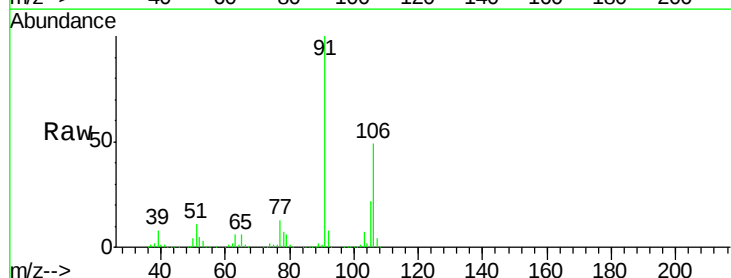
Acq: 28 Feb 2020 09:51

Tgt Ion: 106 Resp: 397988

Ion Ratio Lower Upper

106 100

91 201.9 163.3 244.9





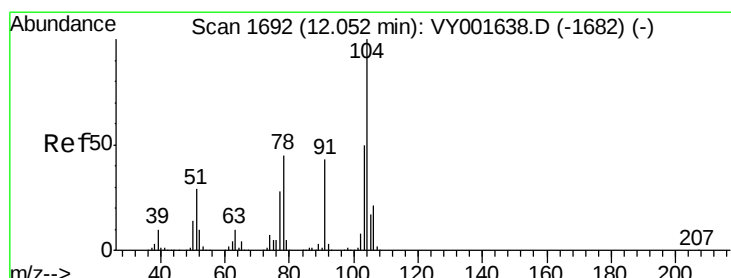
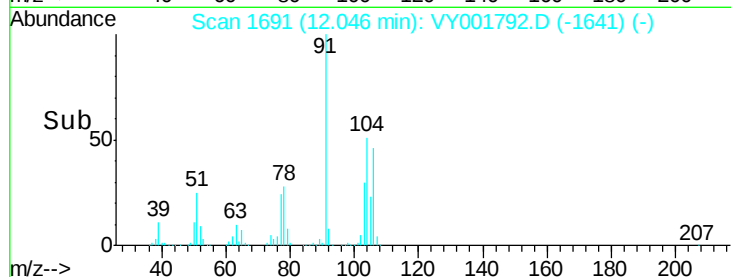
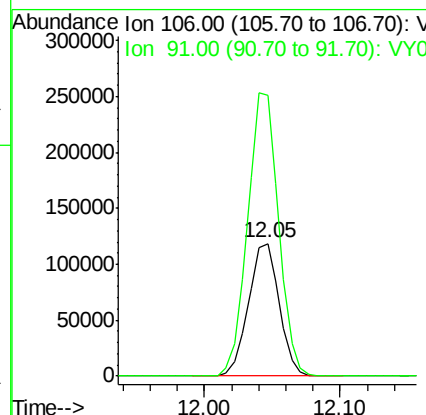
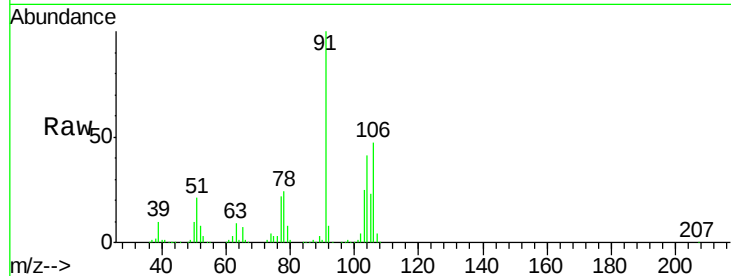
#69
o-Xylene
Concen: 51.695 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 188307
Ion Ratio Lower Upper
106 100
91 213.9 108.3 324.9

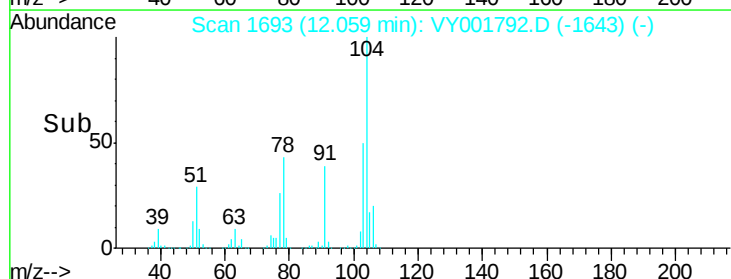
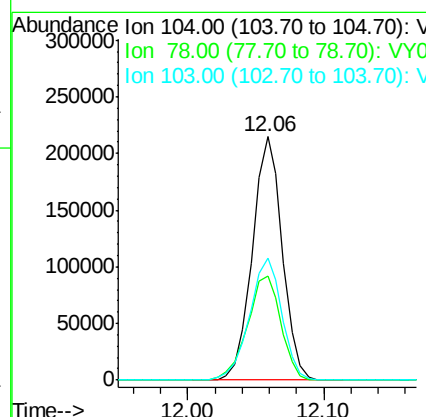
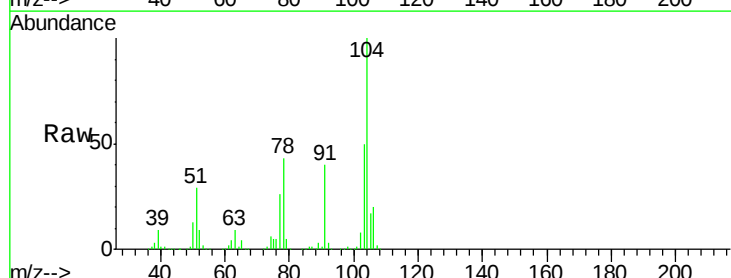
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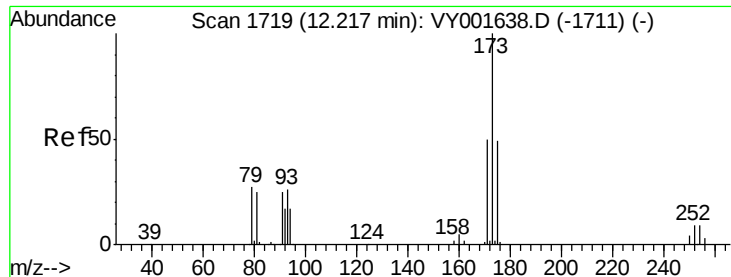
MMDadoda
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#70
Styrene
Concen: 52.224 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion:104 Resp: 330614
Ion Ratio Lower Upper
104 100
78 47.8 39.2 58.8
103 54.1 43.0 64.6





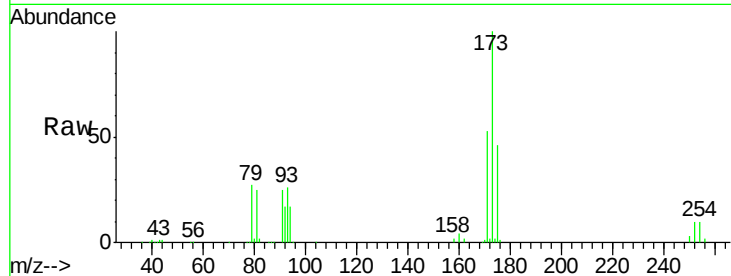
#71
Bromoform
Concen: 52.772 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

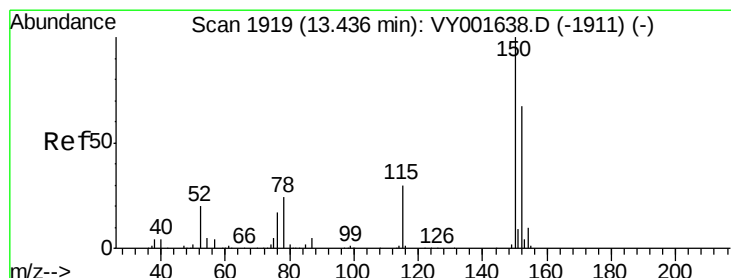
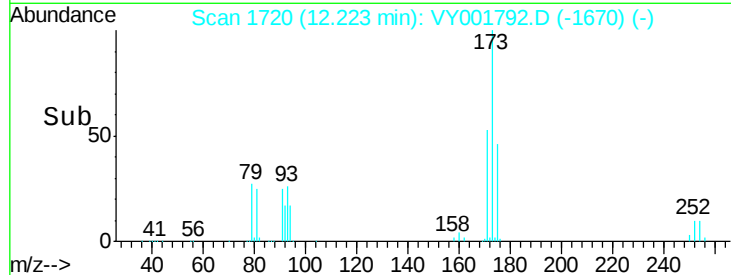
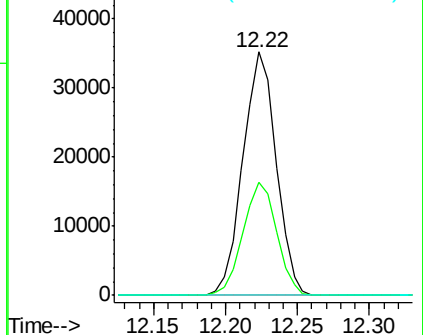
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.3	73.0
254	0.0	0.1	0.1

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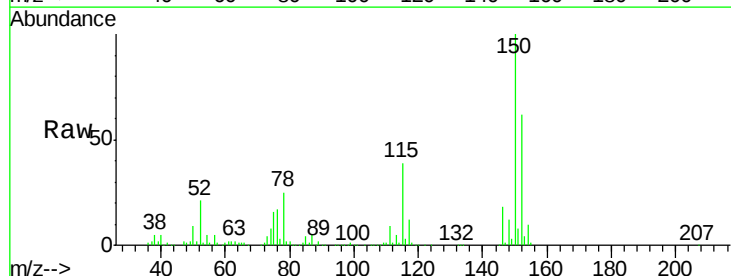


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

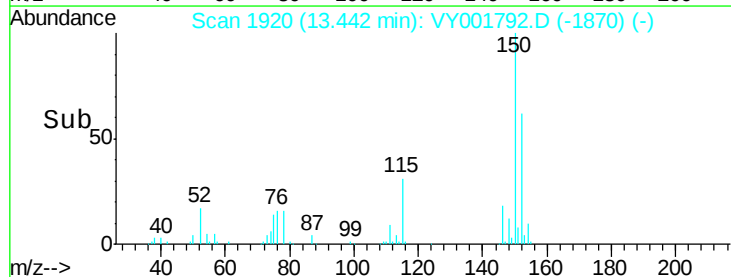
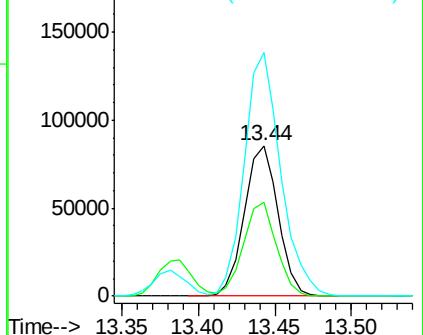


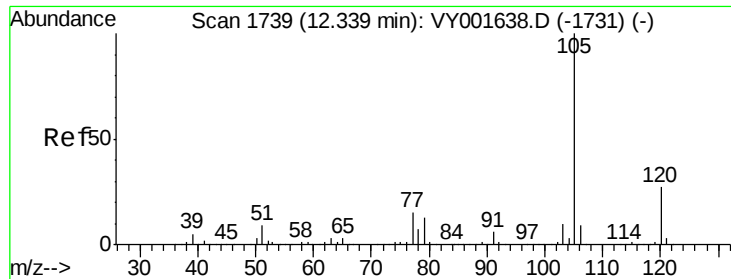
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.4	94.2
150	175.0	0.0	407.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





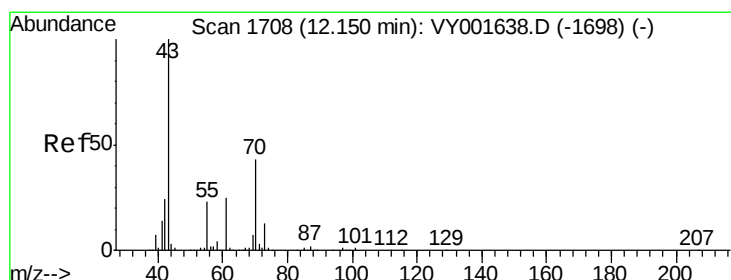
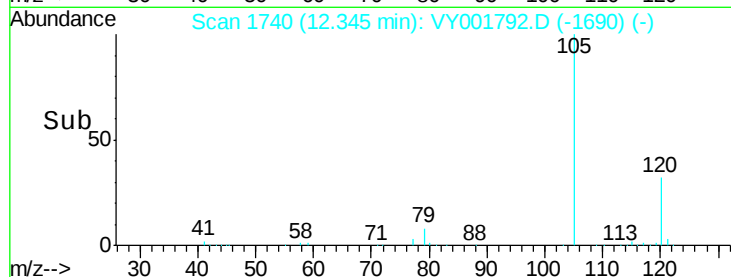
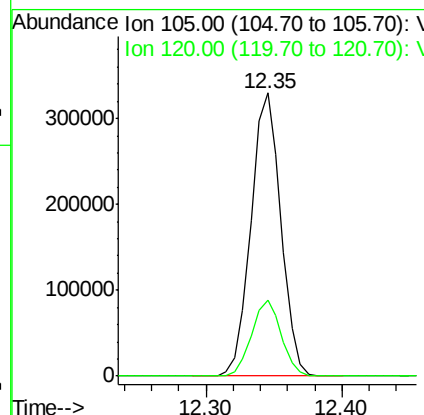
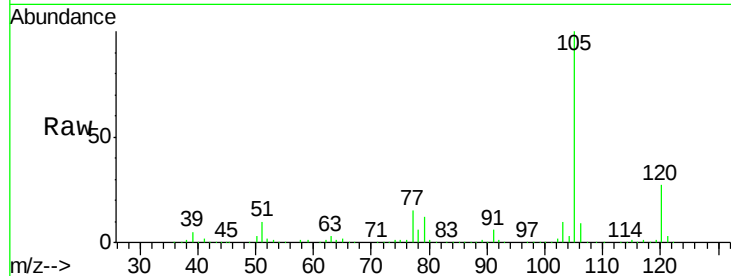
#73
Isopropylbenzene
Concen: 50.910 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 507350
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

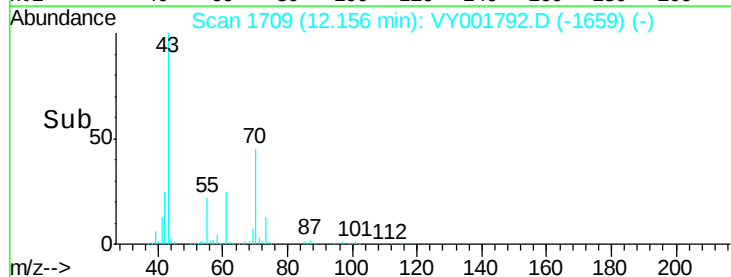
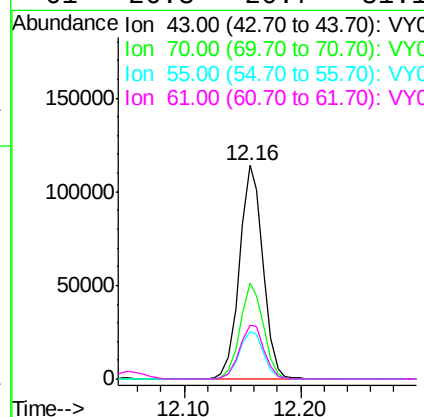
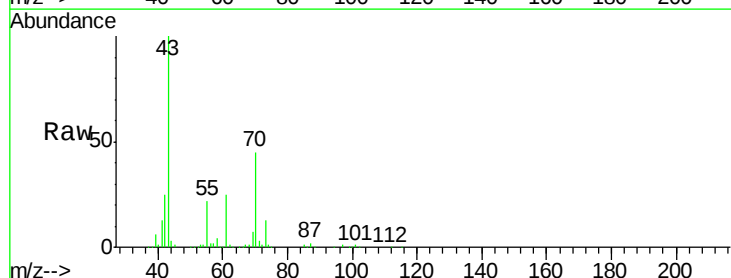
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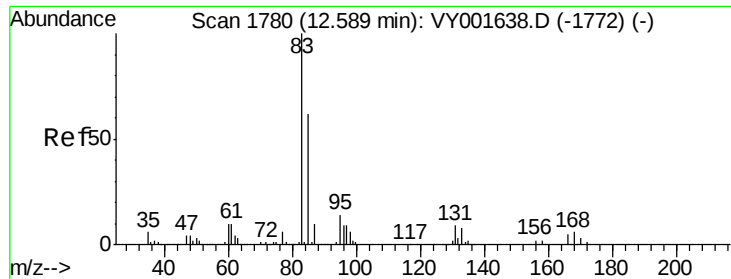
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3/2/2020 10:35:52 AM



#74
N-ethyl acetate
Concen: 50.203 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 43 Resp: 159668
Ion Ratio Lower Upper
43 100
70 44.5 35.9 53.9
55 23.1 18.3 27.5
61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.494 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

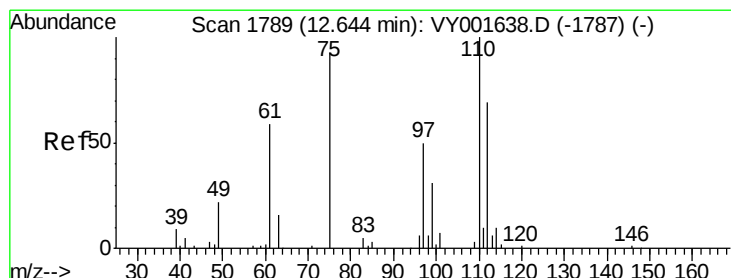
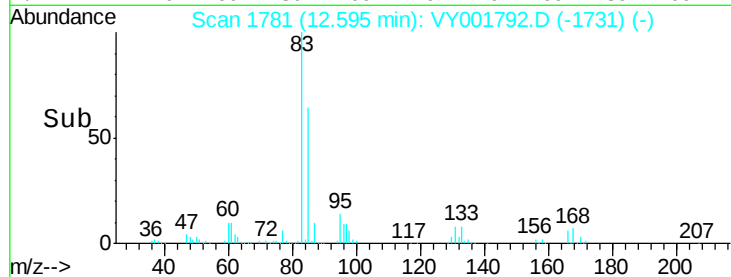
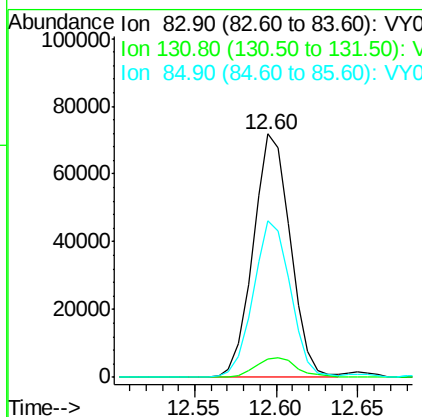
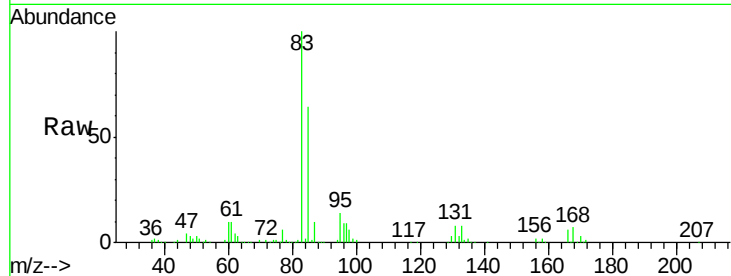
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	113827
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.7	14.1
85	64.1	31.6	94.7

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3/2/2020 10:35:52 AM



#76

1,2,3-Trichloropropane

Concen: 58.191 ug/l m

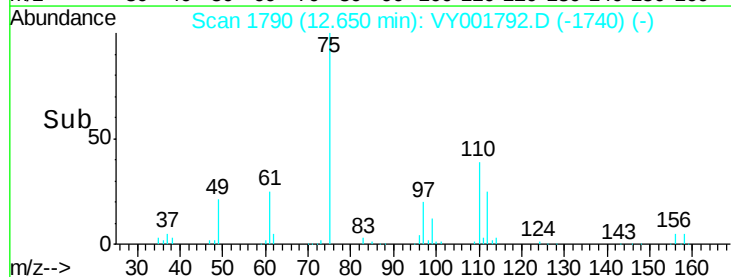
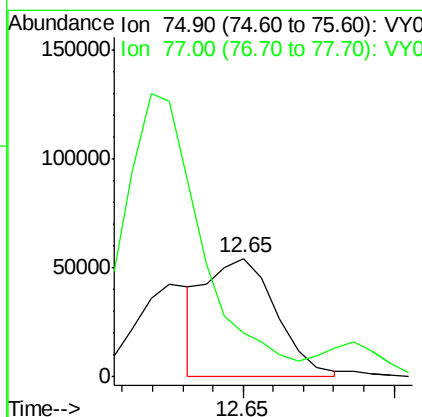
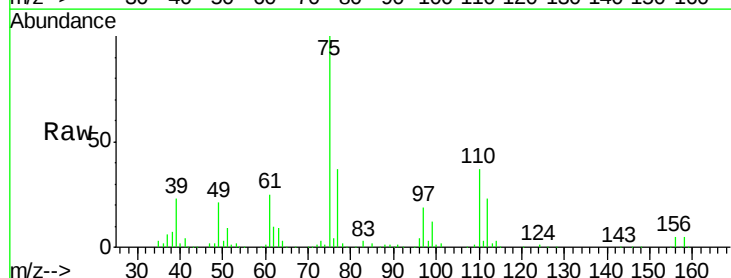
RT: 12.65 min Scan# 1790

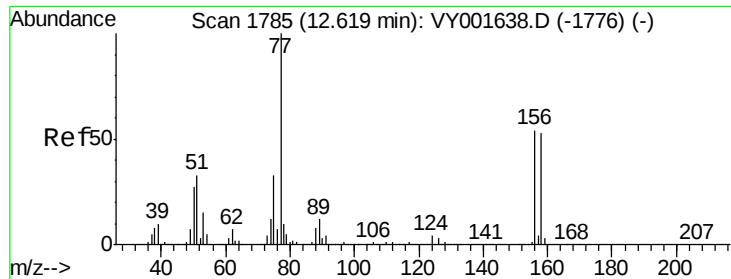
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	75	Resp:	87321
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





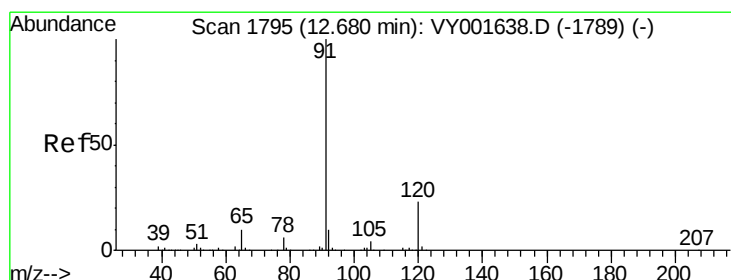
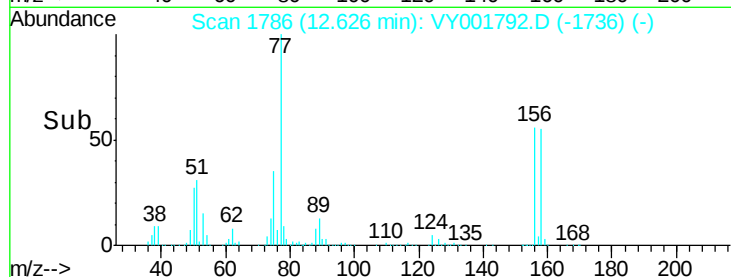
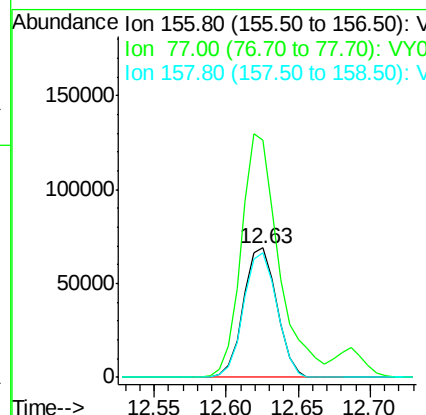
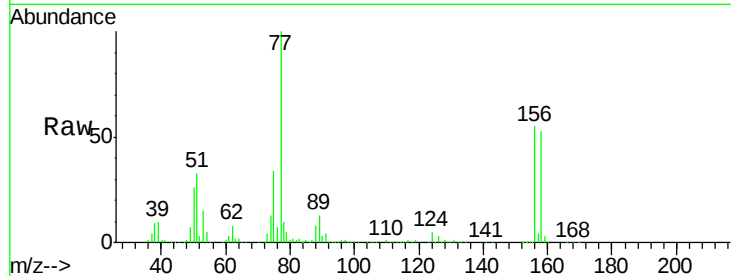
#77
Bromobenzene
Concen: 51.221 ug/l
RT: 12.63 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	212.4	110.1	330.1
158	96.6	47.9	143.7

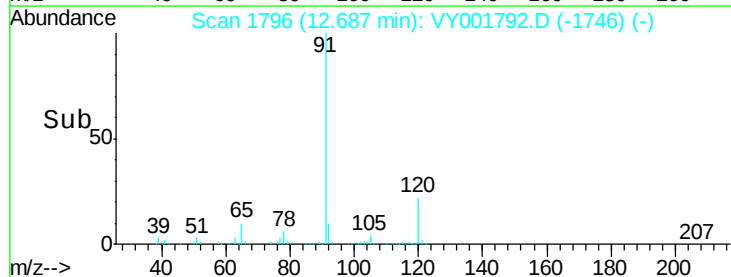
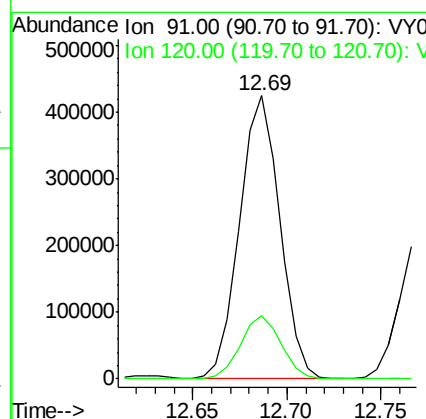
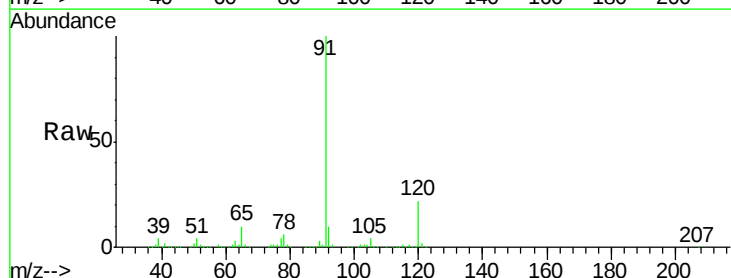
Manual Integrations
APPROVED

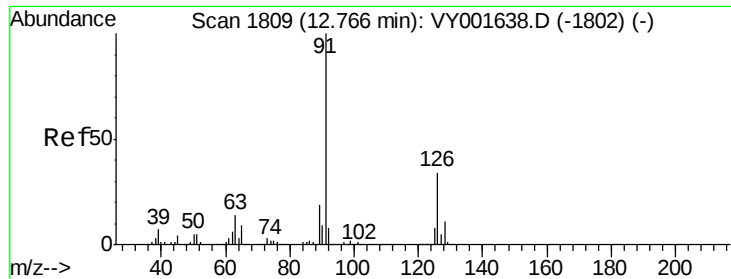
MMDadoda
3/2/2020 10:35:52 AM



#78
n-propylbenzene
Concen: 51.915 ug/l
RT: 12.69 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





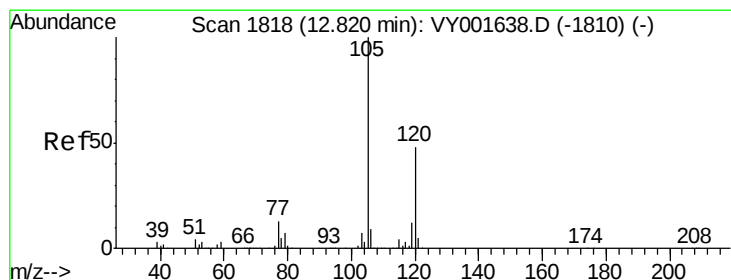
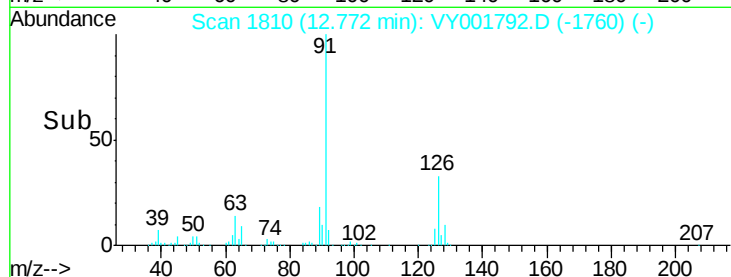
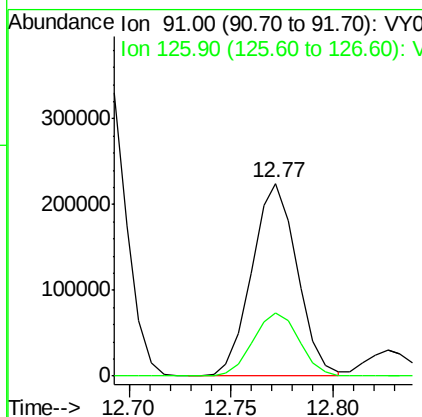
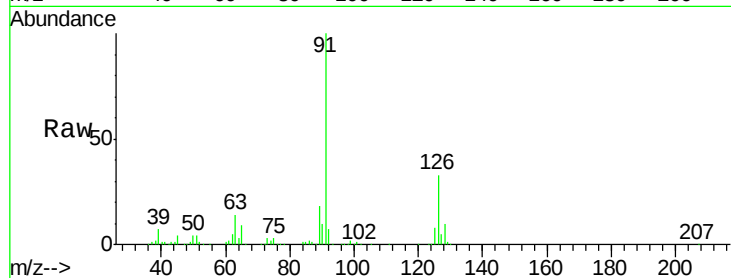
#79
2-Chlorotoluene
Concen: 51.136 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 348098
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6

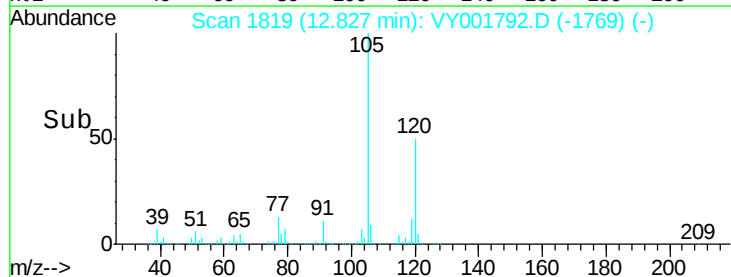
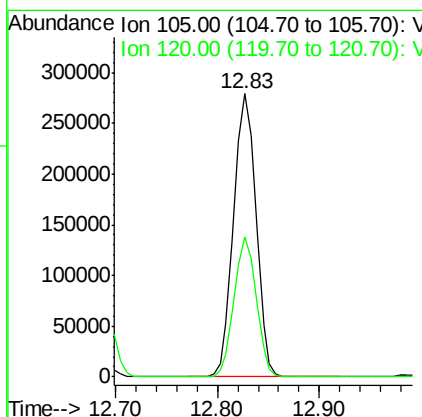
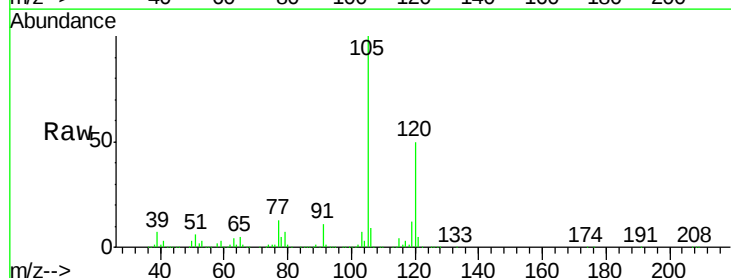
Manual Integrations
APPROVED

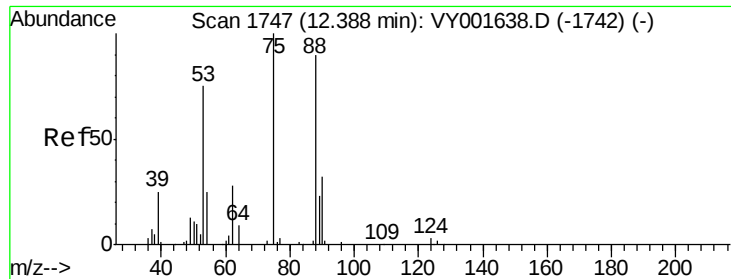
MMDadoda
3/2/2020 10:35:52 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.295 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 105 Resp: 423144
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9





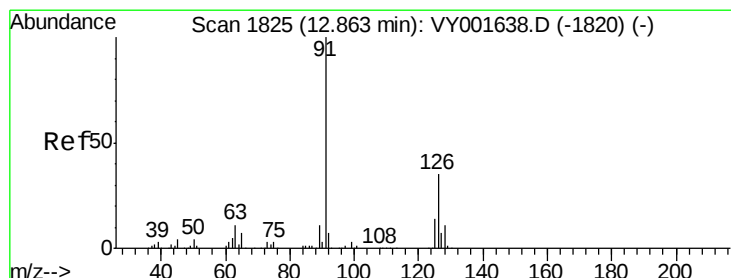
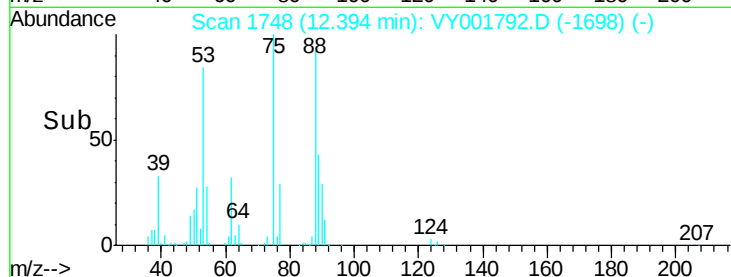
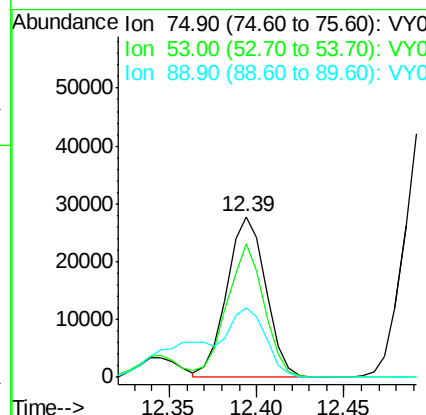
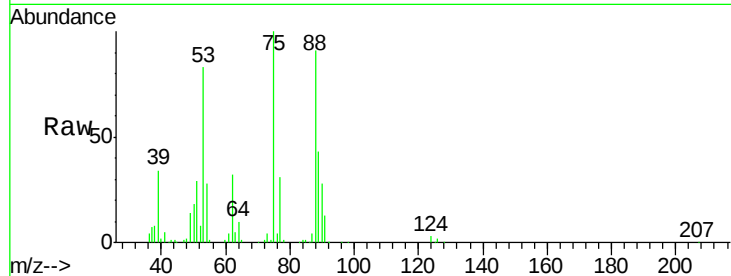
#81
trans-1,4-Dichloro-2-butene
Concen: 54.553 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.1	64.5	96.7
89	41.6	36.3	54.5

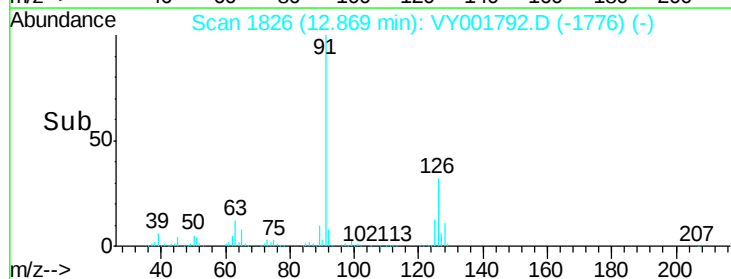
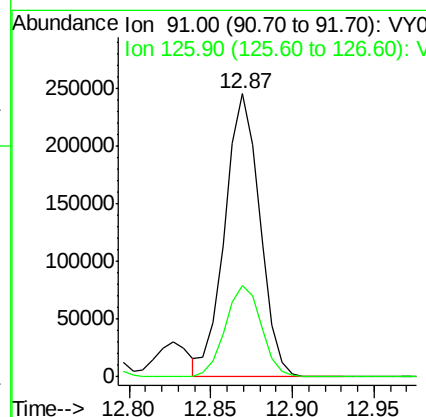
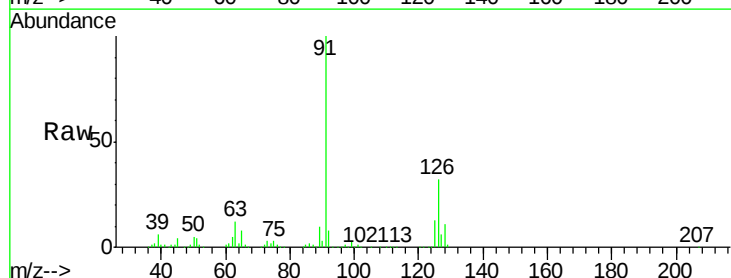
Manual Integrations
APPROVED

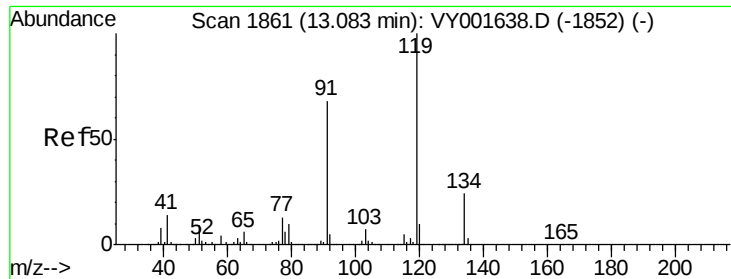
MMDadoda
3/2/2020 10:35:52 AM



#82
4-Chlorotoluene
Concen: 51.014 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.2	48.6





#83

tert-Butylbenzene

Concen: 50.652 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

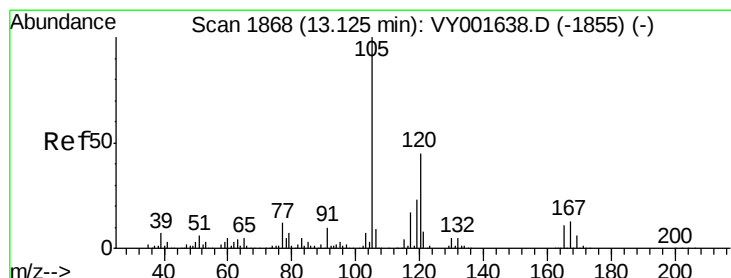
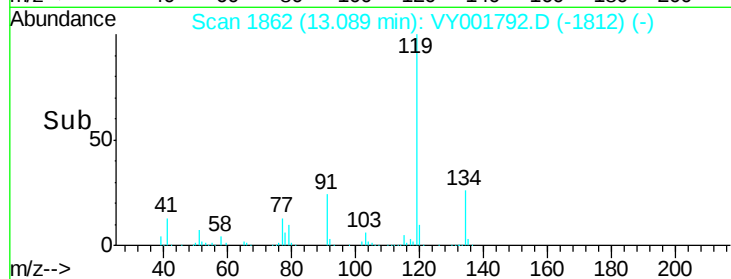
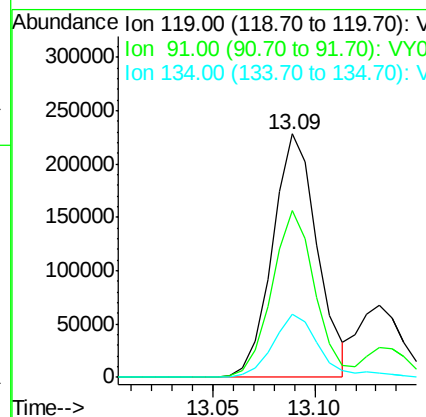
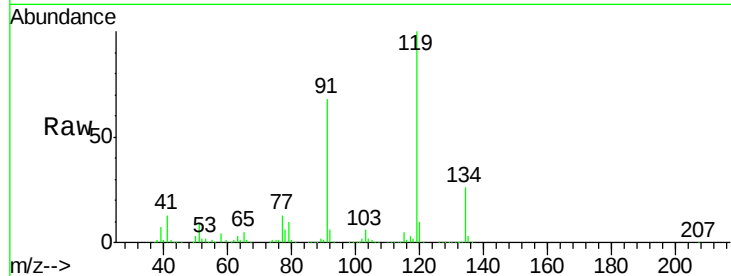
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	349466
Ion Ratio	Lower	Upper	
119	100		
91	66.5	33.5	100.5
134	27.2	13.3	39.8

Manual Integrations
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MMDadoda
3/2/2020 10:35:52 AM



#84

1,2,4-Trimethylbenzene

Concen: 51.415 ug/l

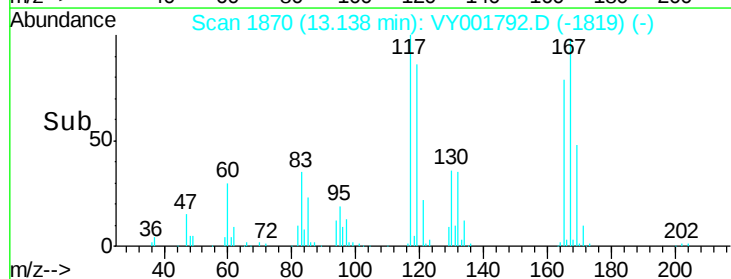
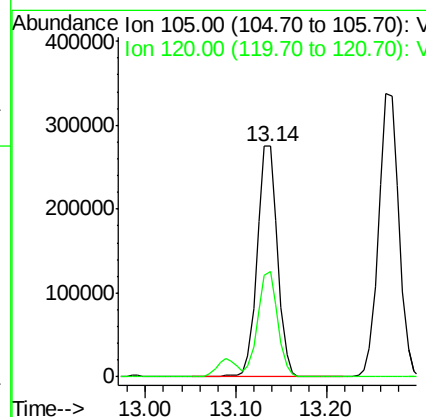
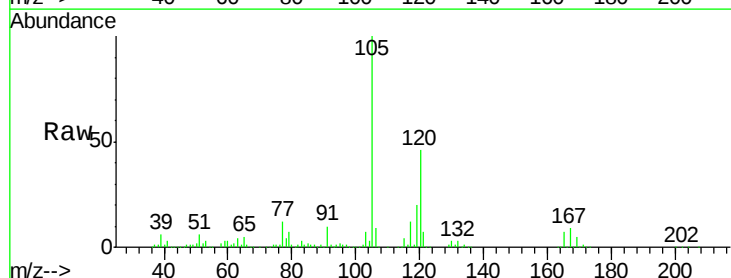
RT: 13.14 min Scan# 1870

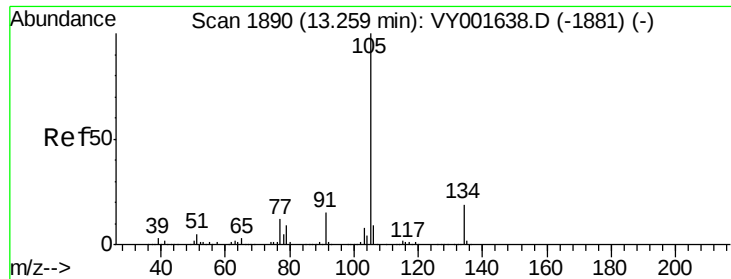
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	105	Resp:	422844
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.4	67.3





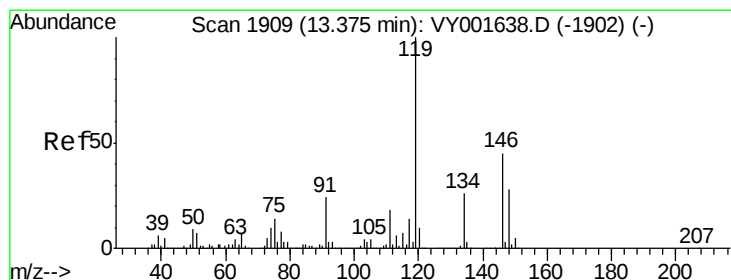
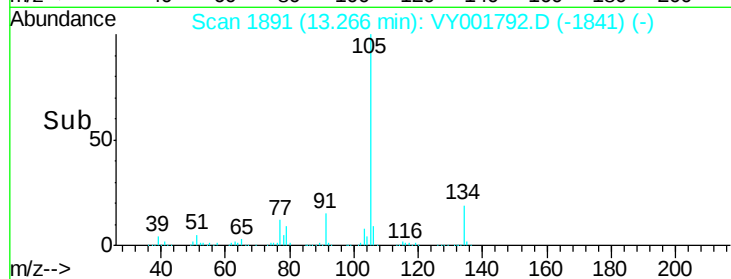
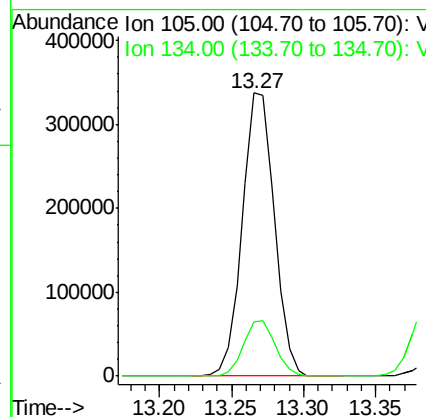
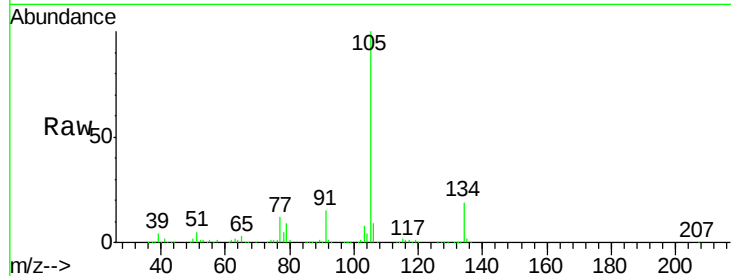
#85
 sec-Butylbenzene
 Concen: 51.261 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.3

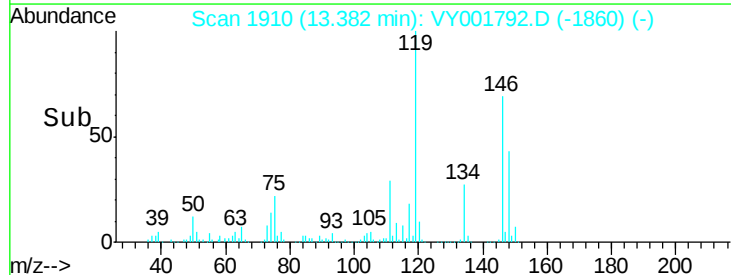
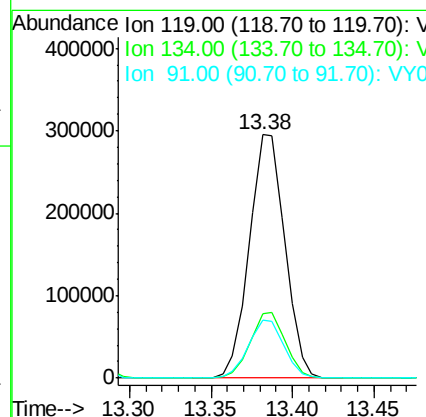
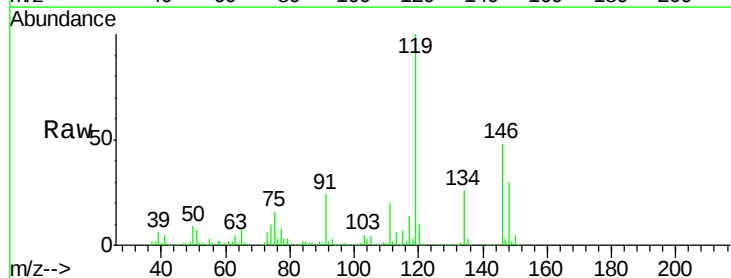
Manual Integrations
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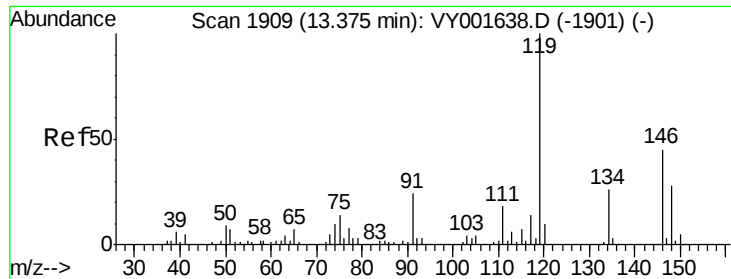
MMDadoda
 3/2/2020 10:35:52 AM



#86
 p-Isopropyltoluene
 Concen: 50.793 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.0	39.0
91	24.1	12.2	36.6





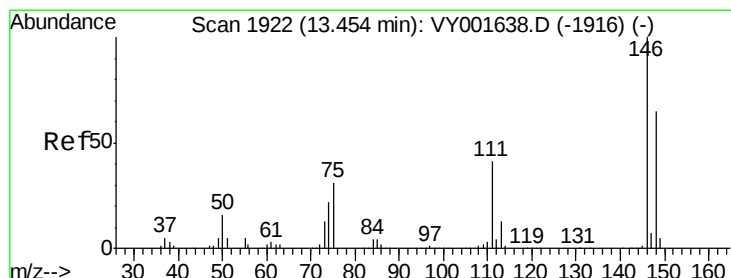
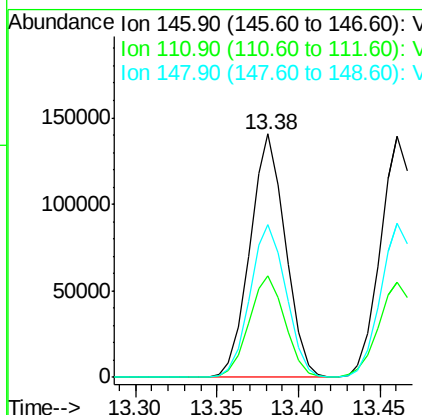
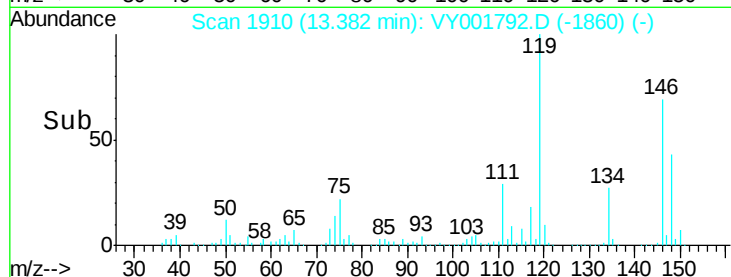
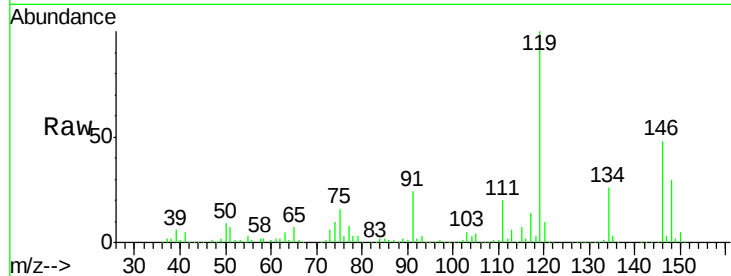
#87
 1,3-Dichlorobenzene
 Concen: 50.493 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	211555		
111	42.3		21.4	64.3
148	64.1		31.6	94.7

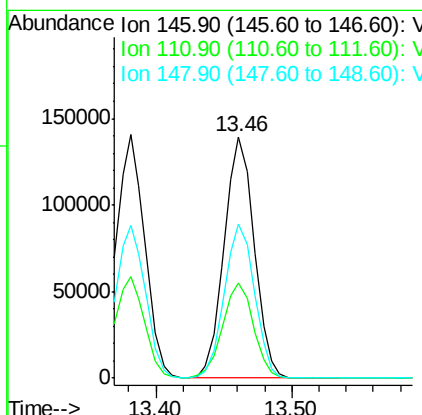
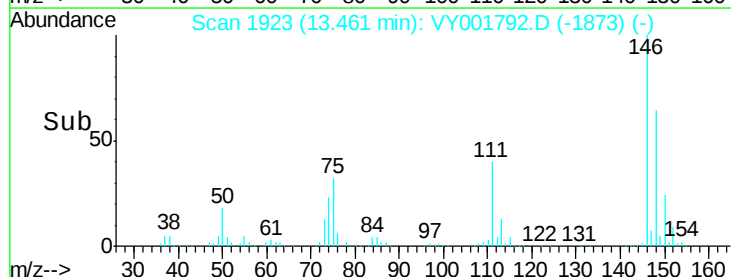
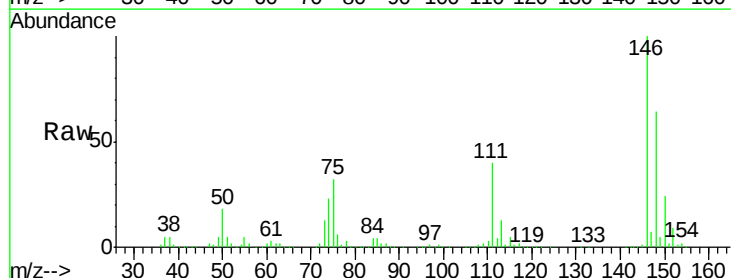
Manual Integrations
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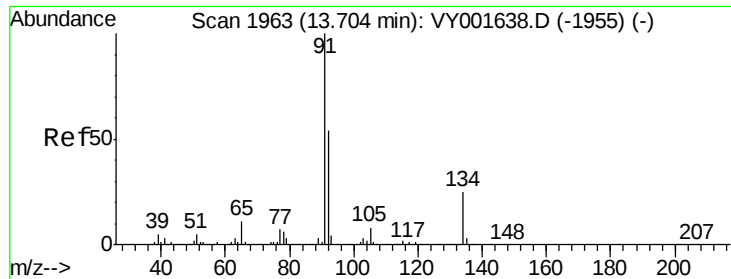
MMDadoda
 3/2/2020 10:35:52 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.556 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214112		
111	40.5		20.4	61.3
148	64.0		31.6	94.7





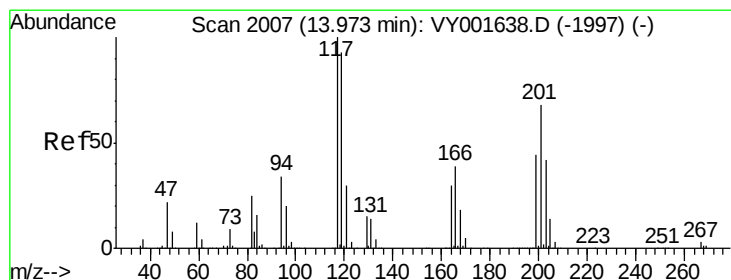
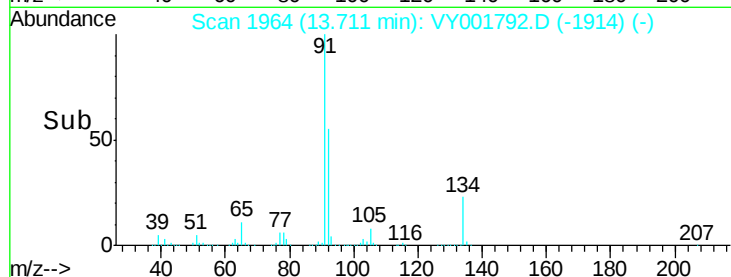
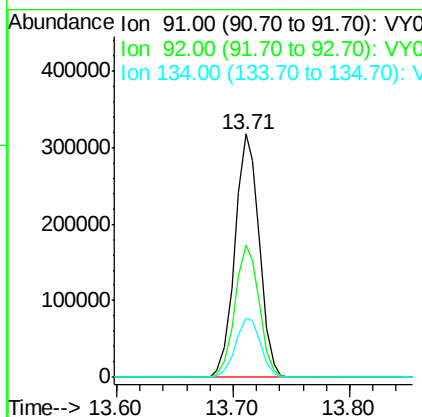
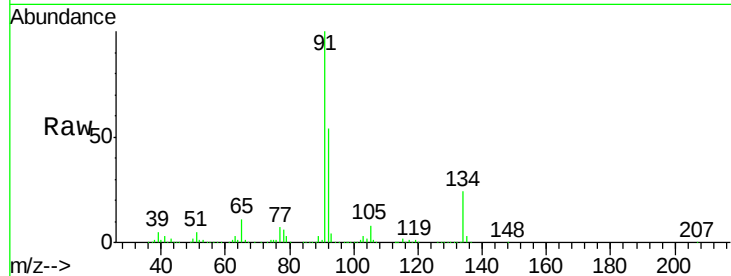
#89
n-Butylbenzene
Concen: 51.166 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.4
134	25.0	12.4	37.4

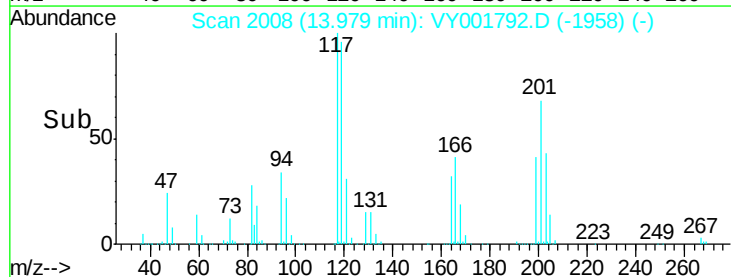
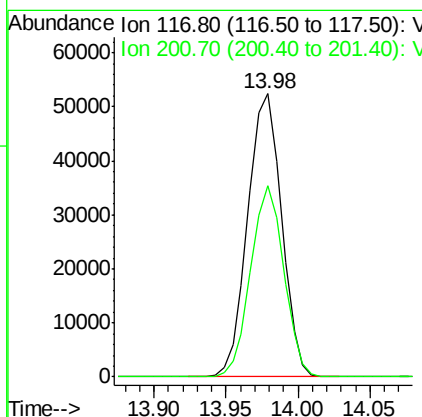
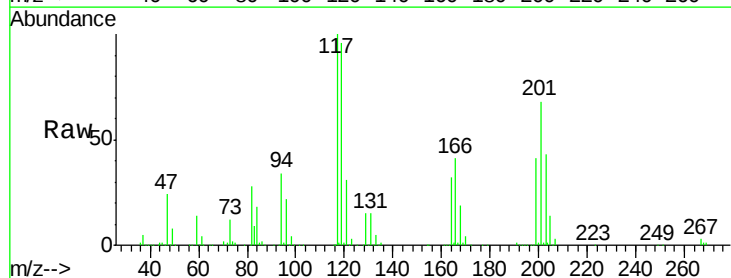
Manual Integrations
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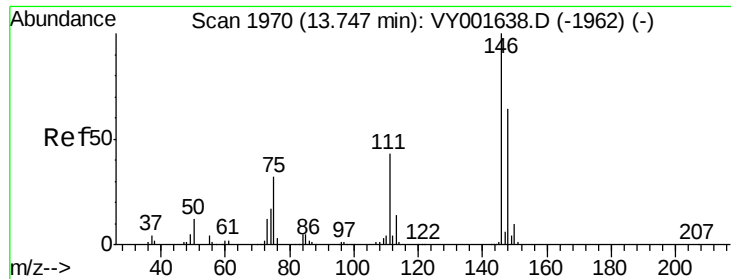
MMDadoda
3/2/2020 10:35:52 AM



#90
Hexachloroethane
Concen: 51.286 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.2	32.5	97.4





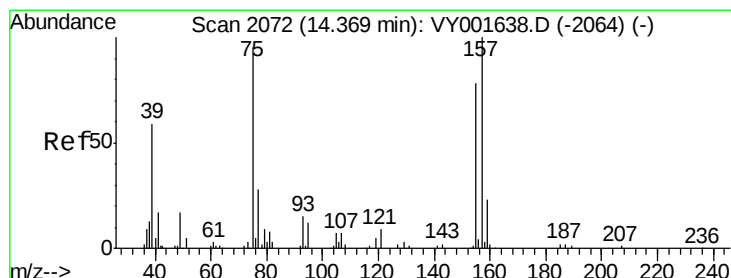
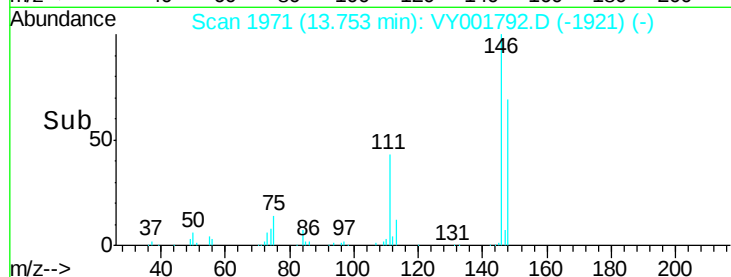
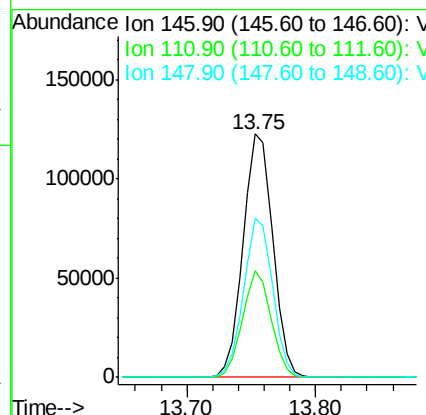
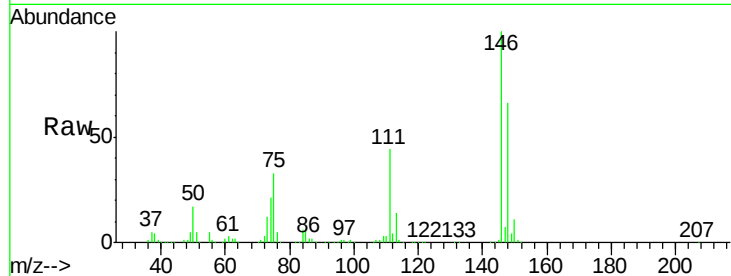
#91
 1,2-Dichlorobenzene
 Concen: 50.547 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.9	65.7
148	63.8	31.5	94.5

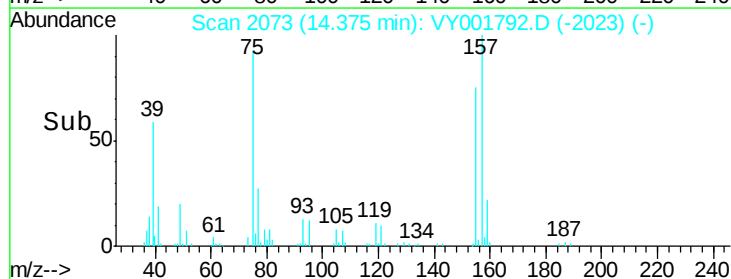
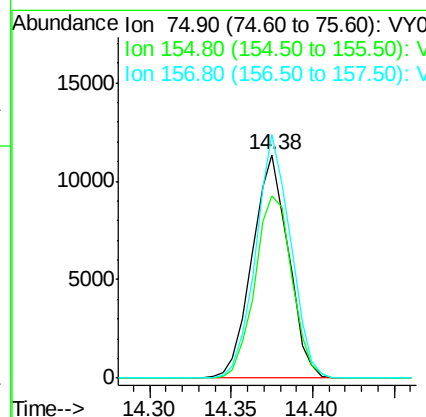
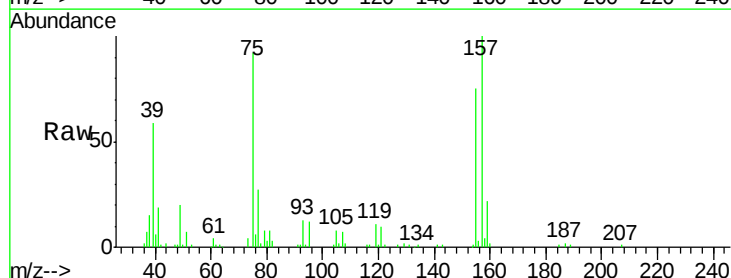
Manual Integrations
 APPROVED

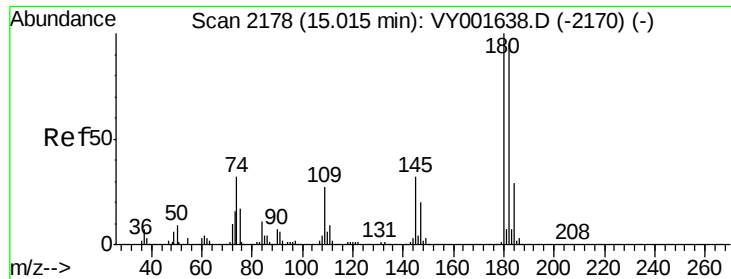
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.934 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	40.8	122.4
157	105.1	52.1	156.4





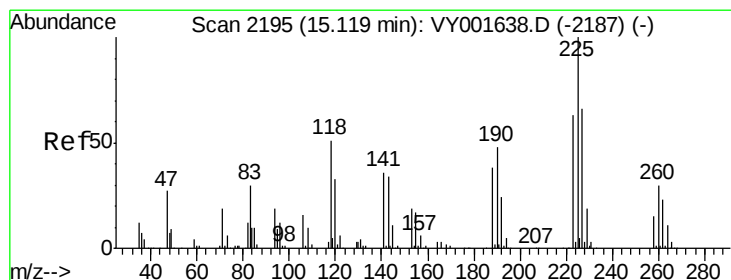
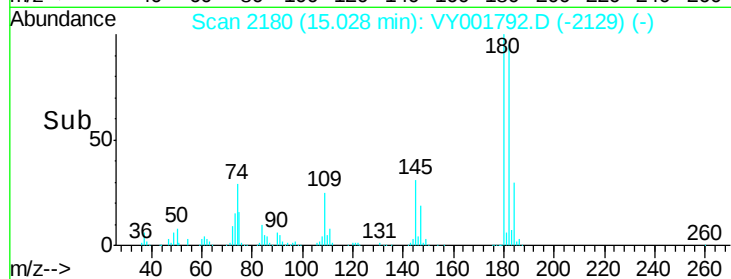
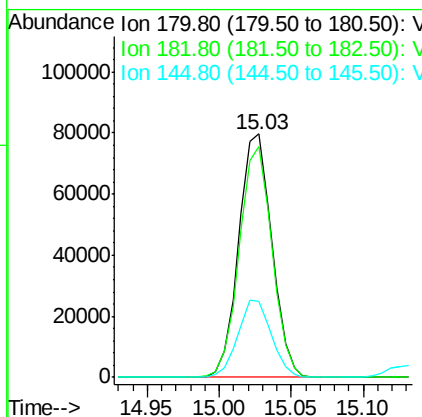
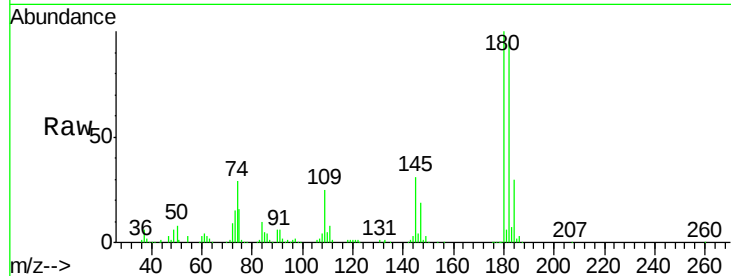
#93
 1,2,4-Trichlorobenzene
 Concen: 49.729 ug/l
 RT: 15.03 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127419		
182	93.9	46.8	140.3	
145	31.7	16.2	48.5	

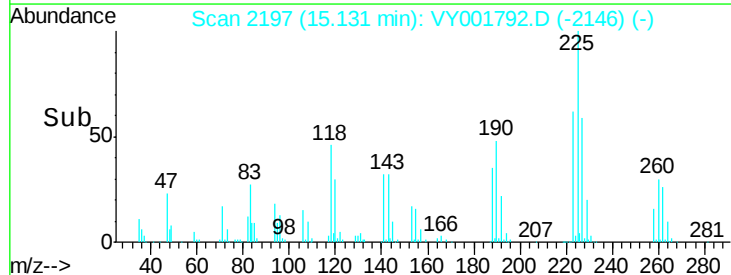
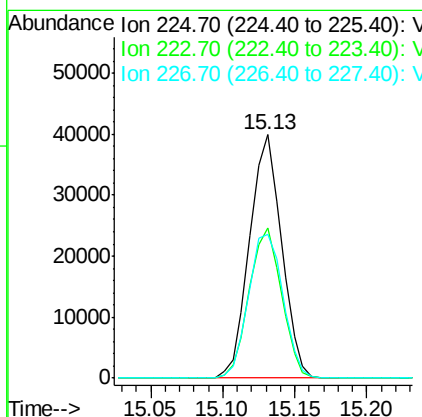
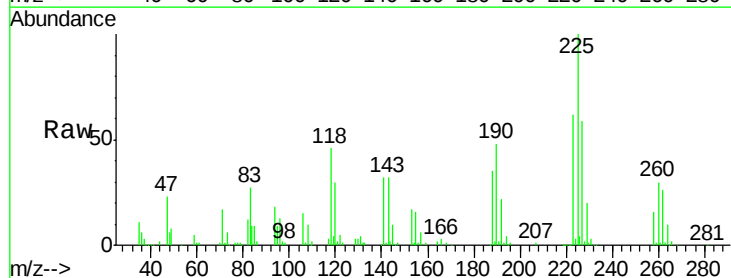
Manual Integrations
 APPROVED

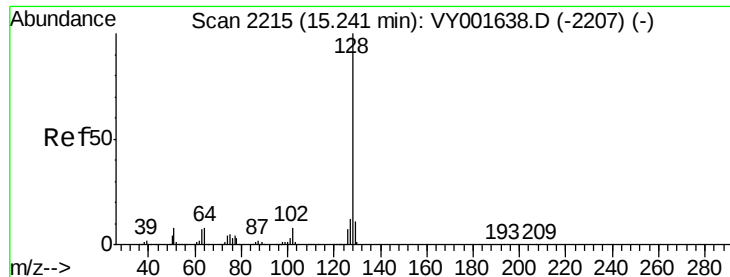
MMDadoda
 3/2/2020 10:35:52 AM



#94
 Hexachlorobutadiene
 Concen: 48.153 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61360		
223	62.4	31.4	94.0	
227	63.7	31.6	94.8	





#95

Naphthalene

Concen: 50.995 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

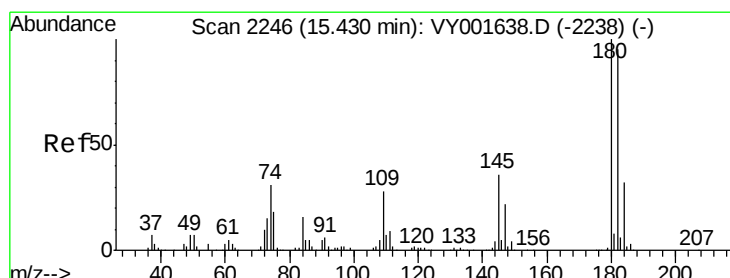
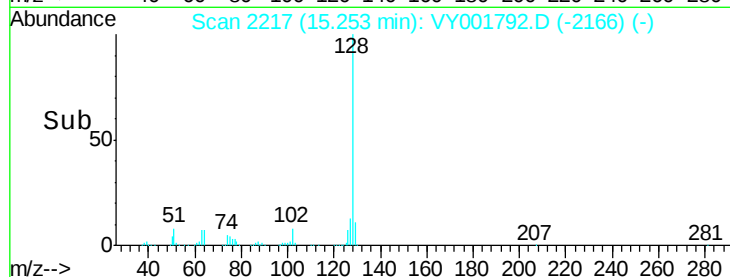
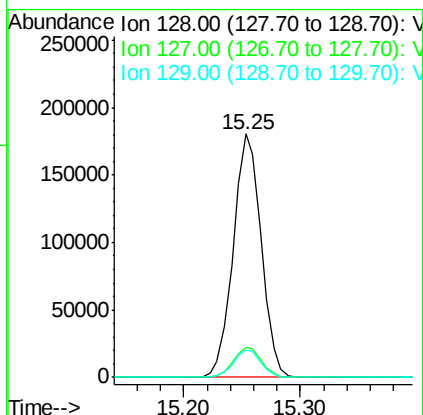
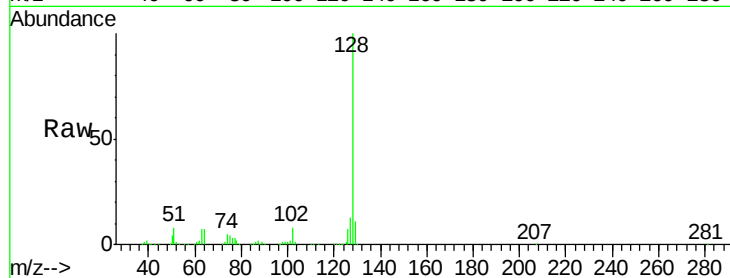
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	301273
Ion Ratio	Lower	Upper	
128	100		
127	12.5	9.9	14.9
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/2/2020 10:35:52 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.164 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	180	Resp:	110825
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.2	141.6
145	33.3	17.3	52.0

