

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000096.D
 Acq On : 20 Sep 2019 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:32:22 AM

Quant Time: Sep 20 23:53:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	102292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	198620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	171525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	76986	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	60742	51.61	ug/l	0.00
Spiked Amount						
			Recovery	=	103.22%	
35) Dibromofluoromethane	7.72	113	58259	48.44	ug/l	0.00
Spiked Amount						
			Recovery	=	96.88%	
50) Toluene-d8	10.18	98	241932	51.22	ug/l	0.00
Spiked Amount						
			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.48	95	84553	48.21	ug/l	0.00
Spiked Amount						
			Recovery	=	96.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	36122	51.322	ug/l	93
3) Chloromethane	2.11	50	42987	45.816	ug/l	99
4) Vinyl Chloride	2.25	62	51610	45.217	ug/l	96
5) Bromomethane	2.64	94	32697	45.840	ug/l	91
6) Chloroethane	2.79	64	35779	46.765	ug/l	96
7) Trichlorofluoromethane	3.12	101	75680	47.955	ug/l	96
8) Diethyl Ether	3.53	74	33968	50.269	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	55118	50.908	ug/l	98
10) Methyl Iodide	4.09	142	57635	51.189	ug/l	99
11) Tert butyl alcohol	4.97	59	31294	224.298	ug/l	100
12) 1,1-Dichloroethene	3.87	96	49219	49.314	ug/l	98
13) Acrolein	3.73	56	9901	125.644	ug/l	100
14) Allyl chloride	4.48	41	77018	50.488	ug/l	99
15) Acrylonitrile	5.17	53	97431	240.453	ug/l	98
16) Acetone	3.95	43	57514	209.893	ug/l	96
17) Carbon Disulfide	4.19	76	87600	49.908	ug/l	99
18) Methyl Acetate	4.48	43	41636	45.481	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	160420	51.432	ug/l	99
20) Methylene Chloride	4.71	84	60745	47.125	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	54067	48.732	ug/l	99
22) Diisopropyl ether	6.12	45	181933	52.787	ug/l	94
23) Vinyl Acetate	6.06	43	590922	256.175	ug/l	97
24) 1,1-Dichloroethane	6.02	63	103716	50.843	ug/l	96
25) 2-Butanone	6.99	43	110012	221.658	ug/l	96
26) 2,2-Dichloropropane	6.98	77	96056	49.895	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	72526	51.629	ug/l	99
28) Bromochloromethane	7.34	49	49390	52.233	ug/l	97
29) Tetrahydrofuran	7.35	42	70843	237.769	ug/l	96
30) Chloroform	7.51	83	109539	52.033	ug/l	98
31) Cyclohexane	7.78	56	74578	51.672	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	86482	50.577	ug/l	97
36) 1,1-Dichloropropene	7.92	75	73246	49.319	ug/l	97
37) Ethyl Acetate	7.08	43	48444	48.936	ug/l	96
38) Carbon Tetrachloride	7.90	117	73917	52.734	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	89484	49.001	ug/l	94
40) Benzene	8.16	78	243562	49.654	ug/l	96
41) Methacrylonitrile	7.32	41	24872	35.560	ug/l #	50
42) 1,2-Dichloroethane	8.24	62	68534	52.747	ug/l	98
43) Isopropyl Acetate	8.27	43	92843	47.955	ug/l	98
44) Trichloroethene	8.94	130	61993	49.470	ug/l	91
45) 1,2-Dichloropropane	9.22	63	62670	49.320	ug/l	98
46) Dibromomethane	9.31	93	34486	49.688	ug/l	99
47) Bromodichloromethane	9.50	83	86848	51.567	ug/l	96
48) Methyl methacrylate	9.29	41	41654	48.921	ug/l	99
49) 1,4-Dioxane	9.30	88	11210	831.884	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	258523	244.568	ug/l	100
52) Toluene	10.24	92	156234	50.132	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	90539	50.701	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	105453	51.137	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	55178	50.709	ug/l	97
56) Ethyl methacrylate	10.51	69	78056	50.412	ug/l	98
57) 1,3-Dichloropropane	10.79	76	90451	49.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	198776	237.484	ug/l	99
59) 2-Hexanone	10.83	43	192801	255.664	ug/l	96
60) Dibromochloromethane	10.99	129	60385	52.971	ug/l	96
61) 1,2-Dibromoethane	11.09	107	50011	50.319	ug/l	99
64) Tetrachloroethene	10.72	164	54541	50.662	ug/l	94
65) Chlorobenzene	11.51	112	171321	50.495	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	59503	51.870	ug/l	98
67) Ethyl Benzene	11.59	91	302181	49.906	ug/l	100
68) m/p-Xylenes	11.70	106	239000	103.735	ug/l	99
69) o-Xylene	12.02	106	116828	52.369	ug/l	97
70) Styrene	12.04	104	204659	52.258	ug/l	100
71) Bromoform	12.21	173	34402	51.801	ug/l #	98
73) Isopropylbenzene	12.33	105	307497	49.562	ug/l	100
74) N-amyl acetate	12.14	43	89927	50.878	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	70347	48.167	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	43618m	40.268	ug/l	
77) Bromobenzene	12.61	156	65799	50.789	ug/l	95
78) n-propylbenzene	12.67	91	376068	49.691	ug/l	99
79) 2-Chlorotoluene	12.76	91	208392	49.253	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	259275	50.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	25885	45.960	ug/l	97
82) 4-Chlorotoluene	12.85	91	218518	49.947	ug/l	98
83) tert-Butylbenzene	13.07	119	219056	49.819	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	257539	50.828	ug/l	99
85) sec-Butylbenzene	13.25	105	324629	49.971	ug/l	98
86) p-Isopropyltoluene	13.37	119	278499	50.576	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	129760	50.492	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	131868	51.065	ug/l	98
89) n-Butylbenzene	13.69	91	288543	50.936	ug/l	99
90) Hexachloroethane	13.96	117	54358	50.234	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	127143	52.658	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	12178	46.832	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	79724	54.720	ug/l	95
94) Hexachlorobutadiene	15.11	225	37000	52.894	ug/l	100
95) Naphthalene	15.23	128	205646	49.722	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	71974	51.764	ug/l	99

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

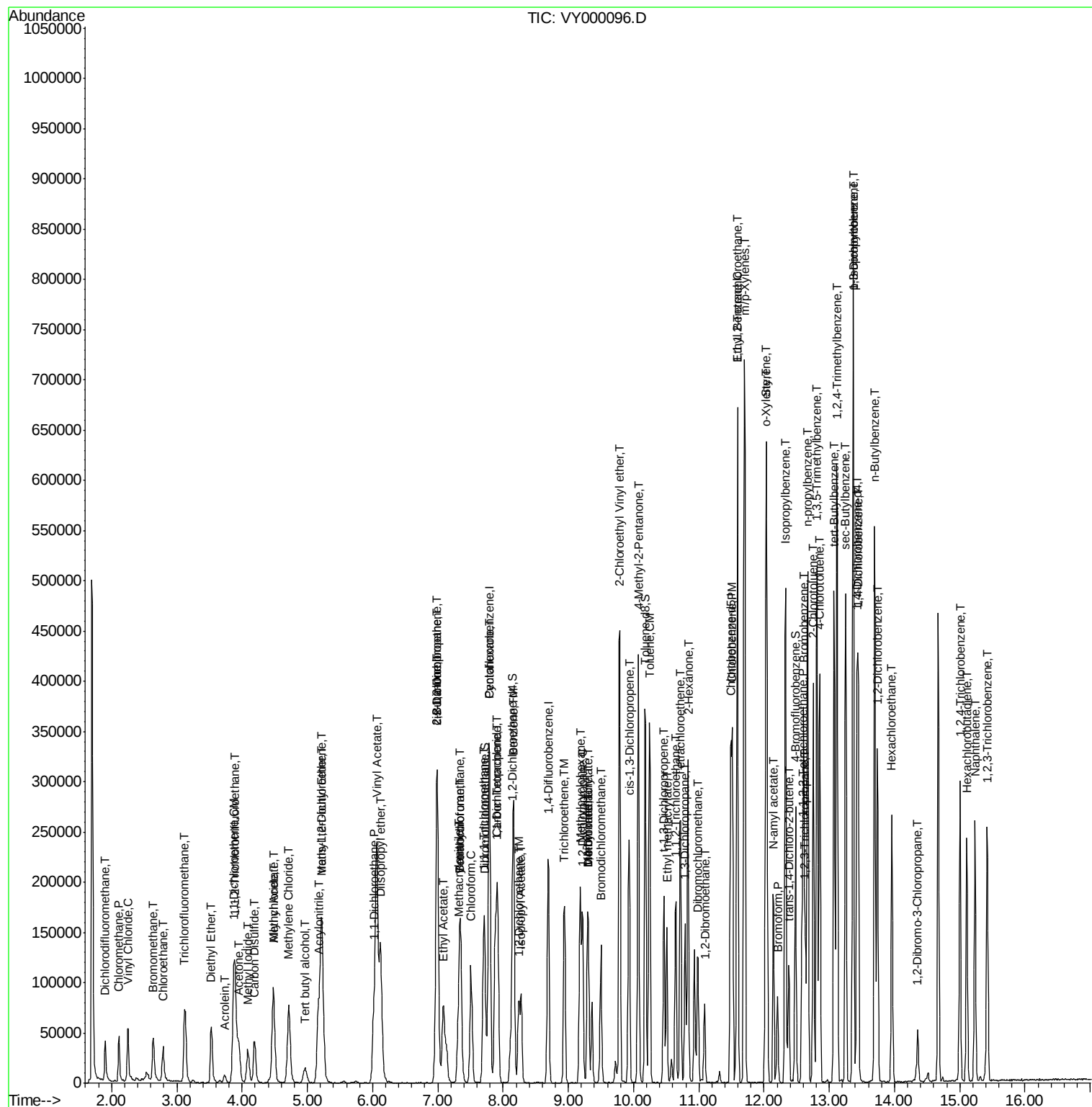
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
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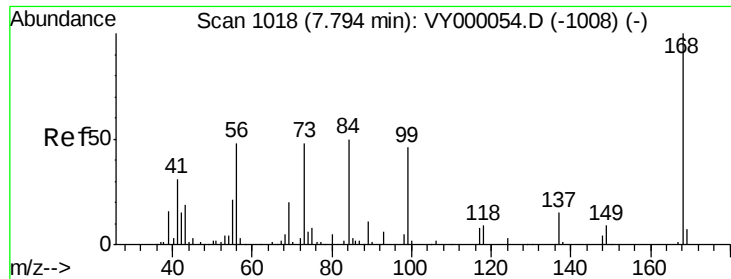
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 102292

Ion Ratio Lower Upper

168 100

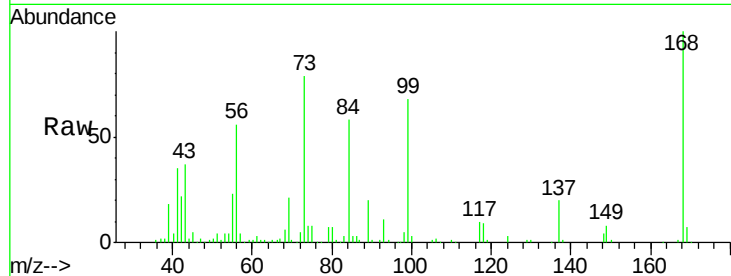
99 68.2 44.2 66.2#

Manual Integrations

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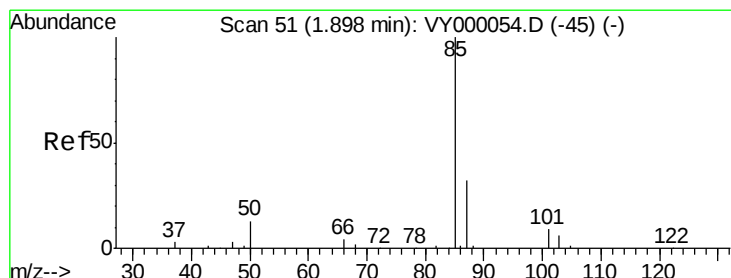
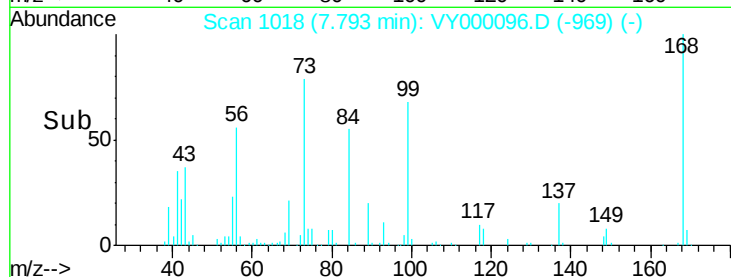


Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.79

Time-->



#2

Dichlorodifluoromethane

Concen: 51.322 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000096.D

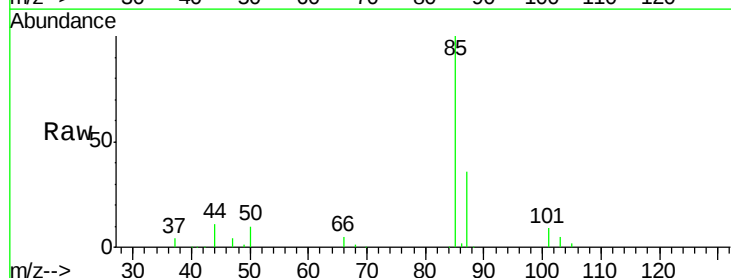
Acq: 20 Sep 2019 10:07

Tgt Ion: 85 Resp: 36122

Ion Ratio Lower Upper

85 100

87 36.3 16.2 48.5

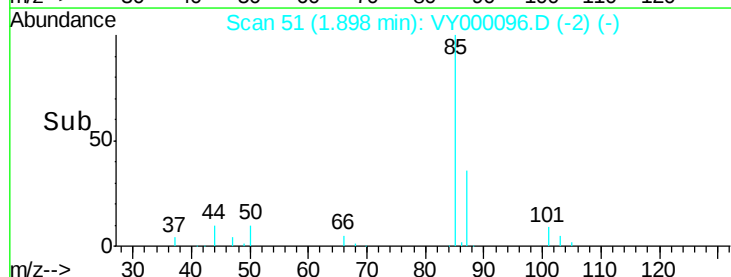


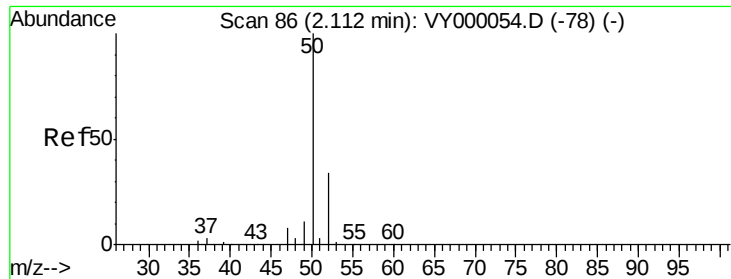
Abundance Ion 84.90 (84.60 to 85.60): VY000054.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000054.D (-45) (-)

1.90

Time-->





#3

Chloromethane

Concen: 45.816 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 42987

Ion Ratio Lower Upper

50 100

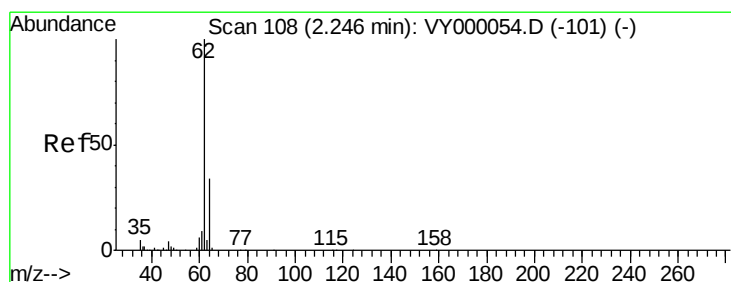
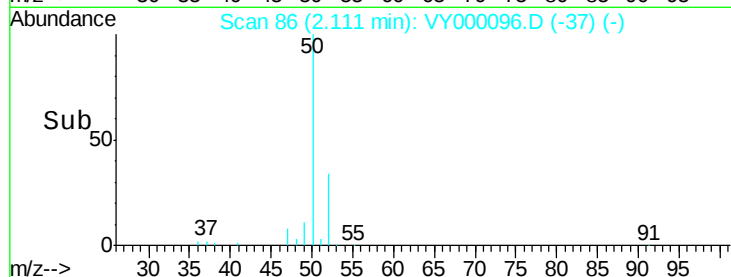
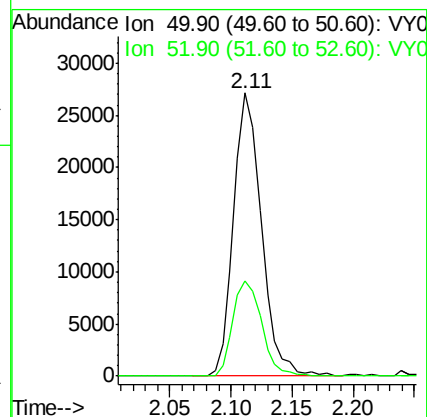
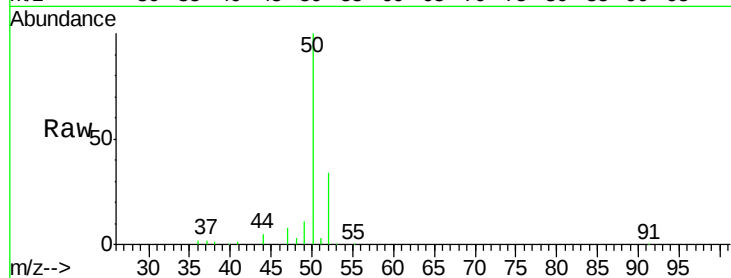
52 33.6 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.217 ug/l

RT: 2.25 min Scan# 109

Delta R.T. 0.01 min

Lab File: VY000096.D

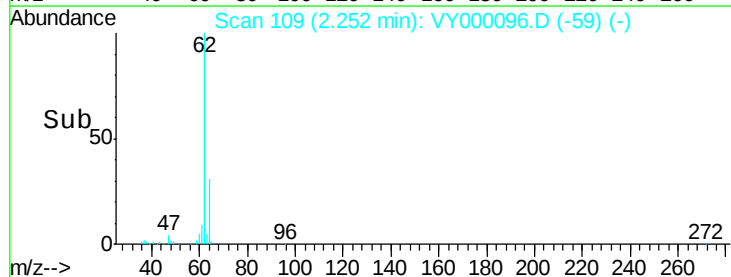
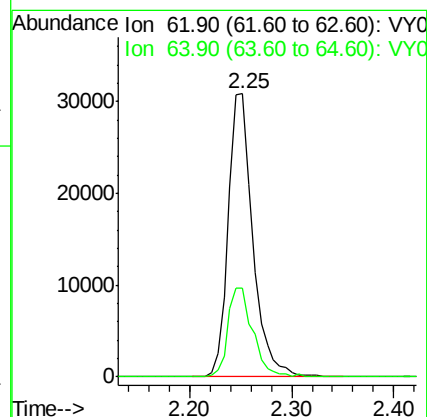
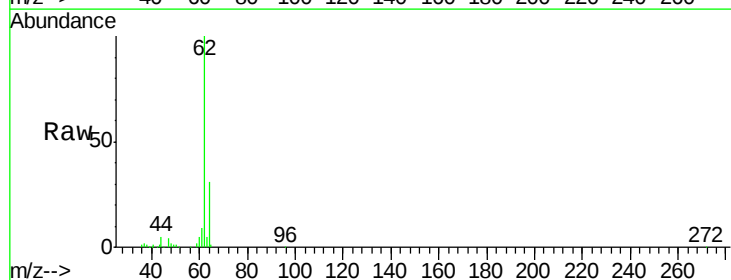
Acq: 20 Sep 2019 10:07

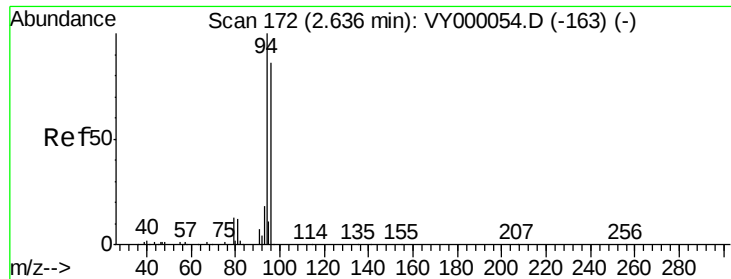
Tgt Ion: 62 Resp: 51610

Ion Ratio Lower Upper

62 100

64 31.3 26.9 40.3





#5

Bromomethane

Concen: 45.840 ug/l

RT: 2.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 32697

Ion Ratio Lower Upper

94 100

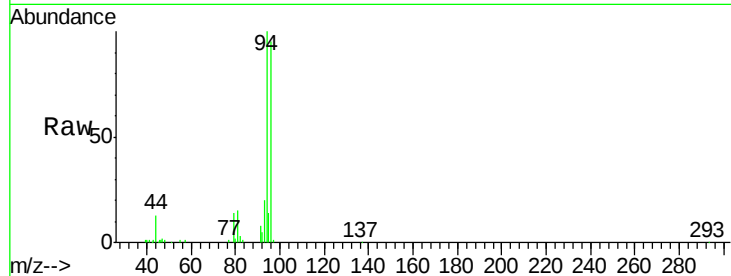
96 94.7 69.1 103.7

Manual Integrations

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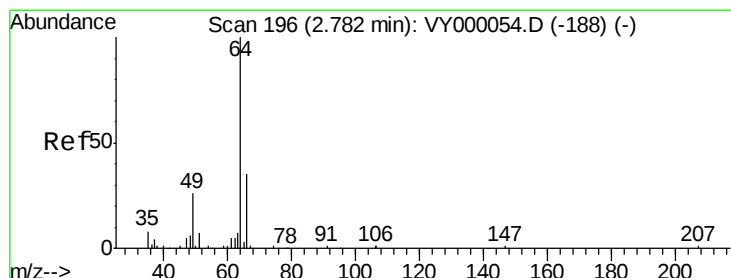
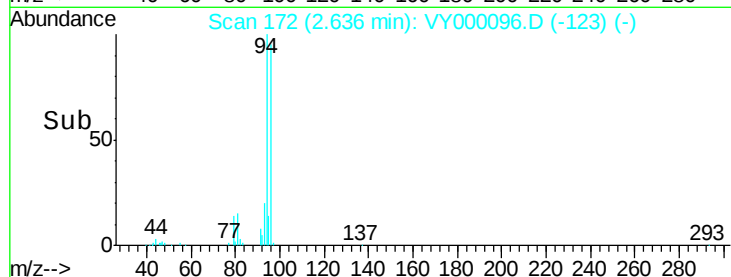
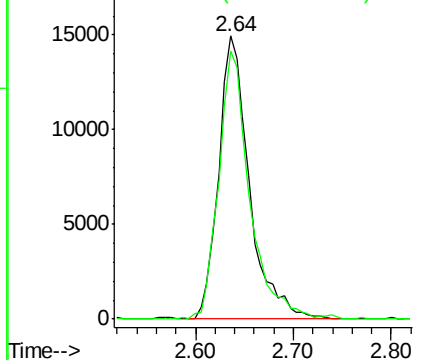
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.765 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VY000096.D

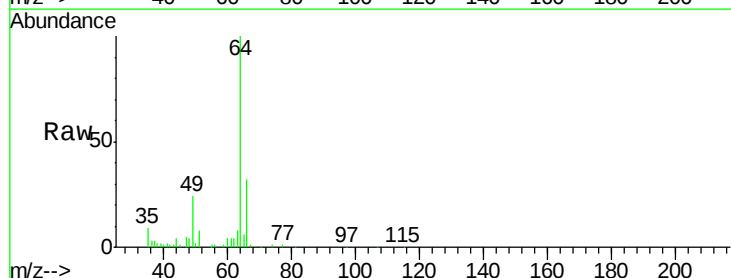
Acq: 20 Sep 2019 10:07

Tgt Ion: 64 Resp: 35779

Ion Ratio Lower Upper

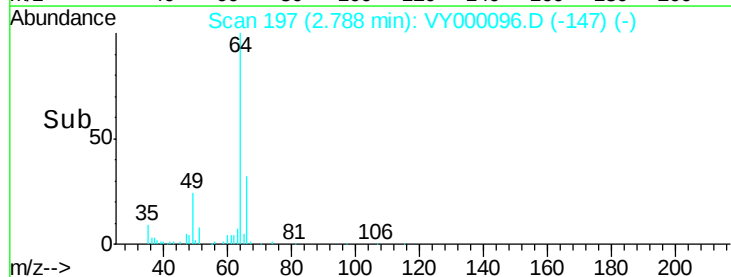
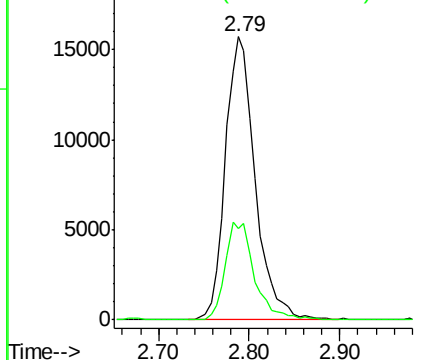
64 100

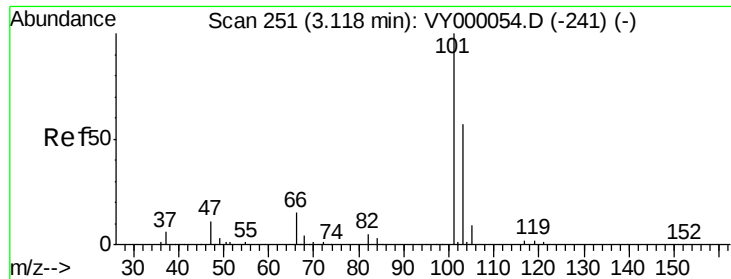
66 32.5 27.7 41.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

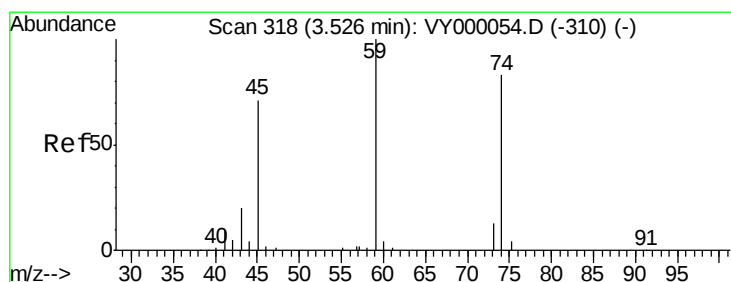
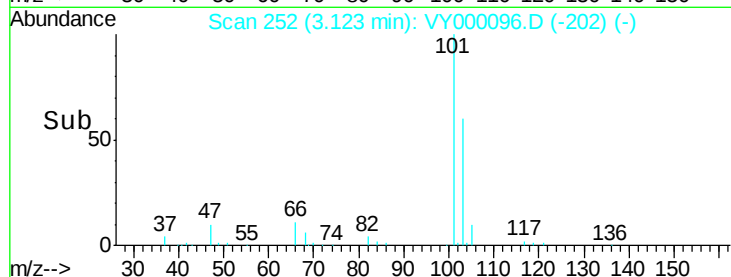
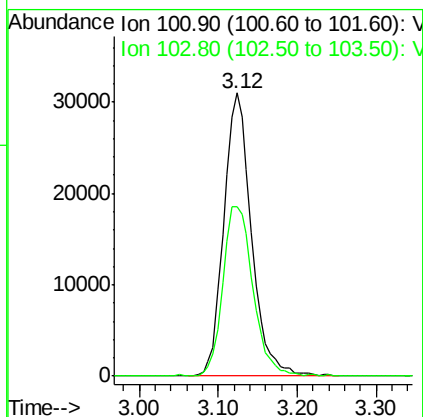
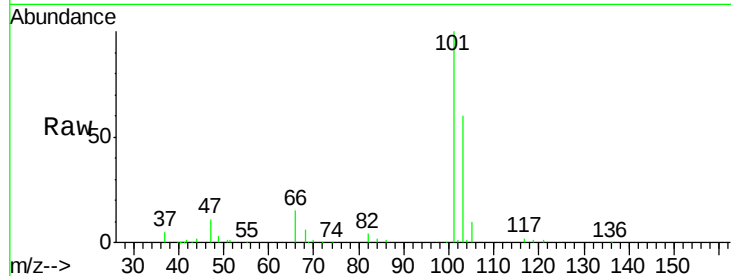
Trichlorofluoromethane
Concen: 47.955 ug/l
RT: 3.12 min Scan# 252
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

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Tot Ion:101 Resp: 75680
Ion Ratio Lower Upper
101 100
103 60.1 45.7 68.5

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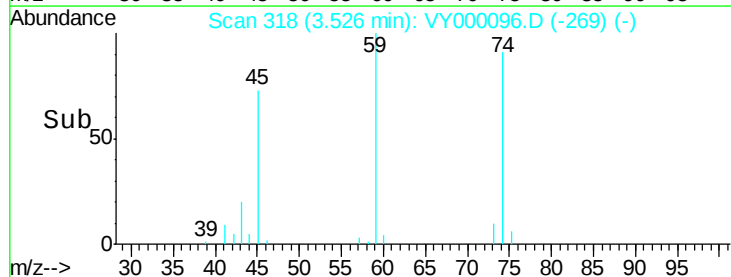
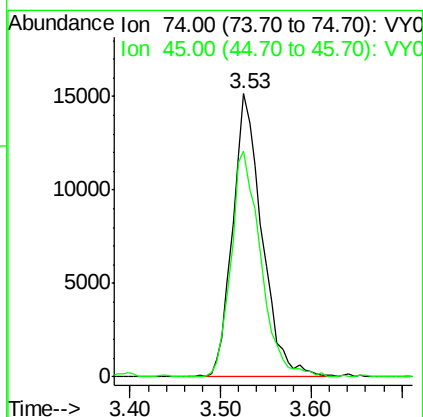
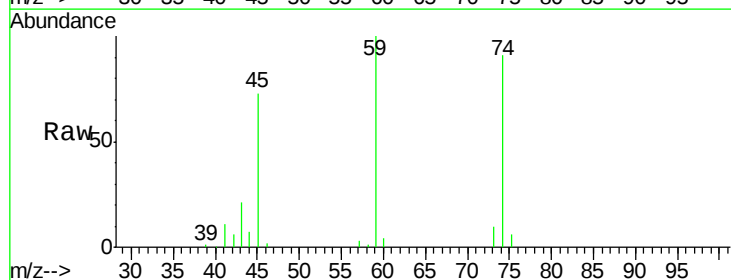
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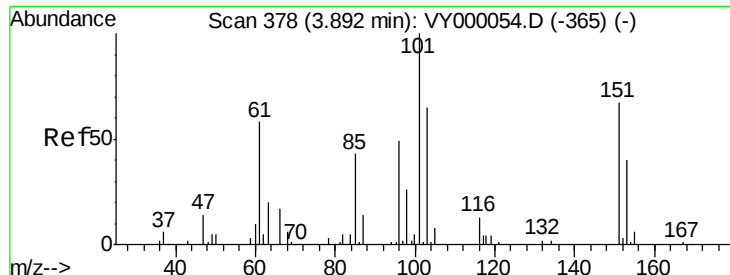


#8

Diethyl Ether
Concen: 50.269 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion: 74 Resp: 33968
Ion Ratio Lower Upper
74 100
45 81.2 40.6 122.0





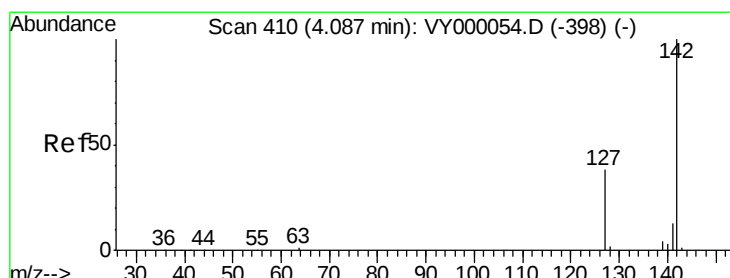
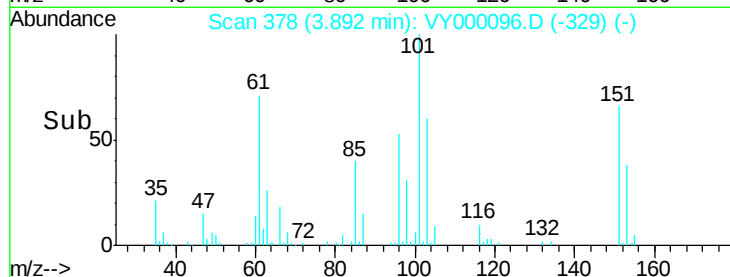
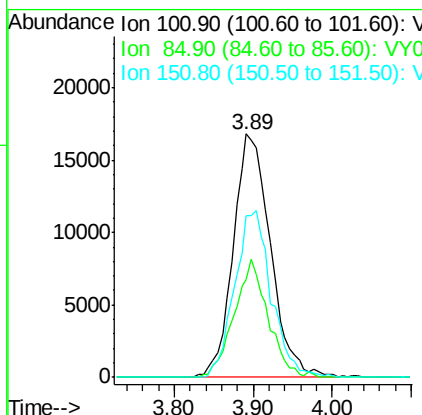
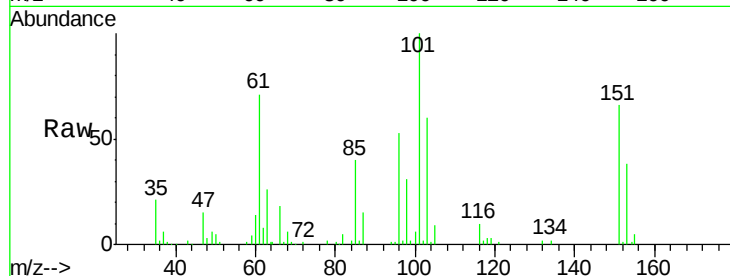
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.908 ug/l
RT: 3.89 min Scan# 378
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	55118		
85	43.8		36.8	55.2
151	67.6		54.4	81.6

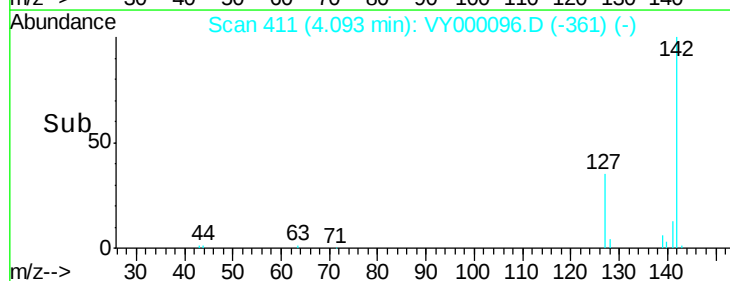
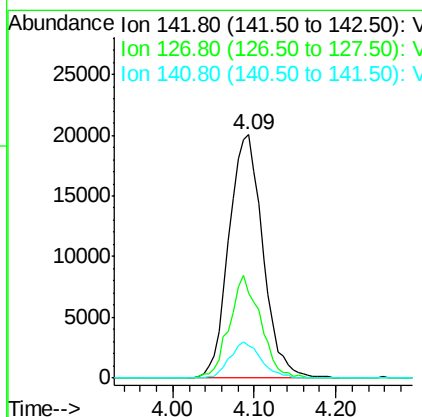
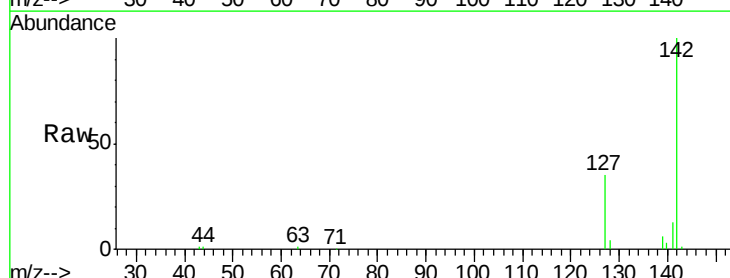
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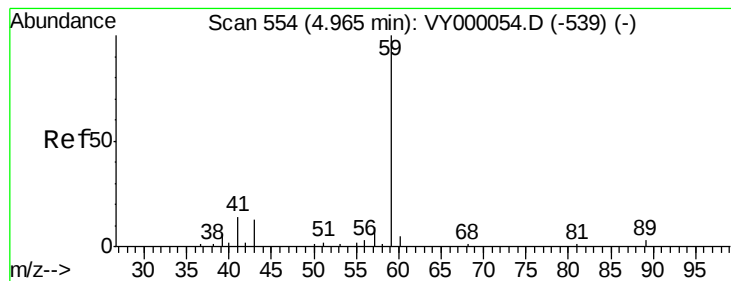
MMDadoda
9/24/2019 5:32:22 AM



#10
Methyl Iodide
Concen: 51.189 ug/l
RT: 4.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	57635		
127	38.9		31.6	47.4
141	13.6		10.9	16.3





#11

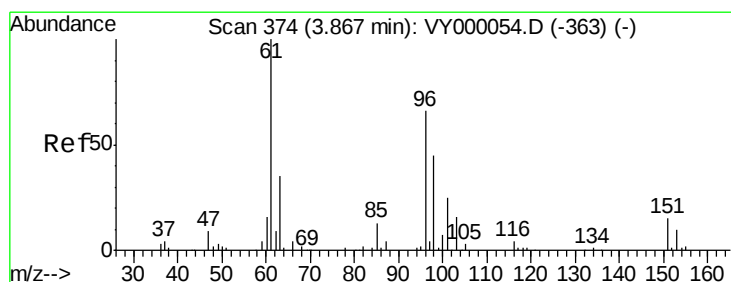
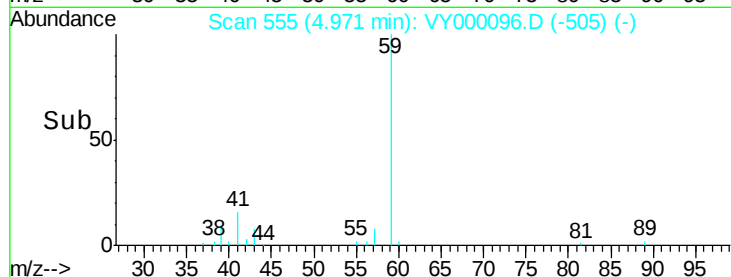
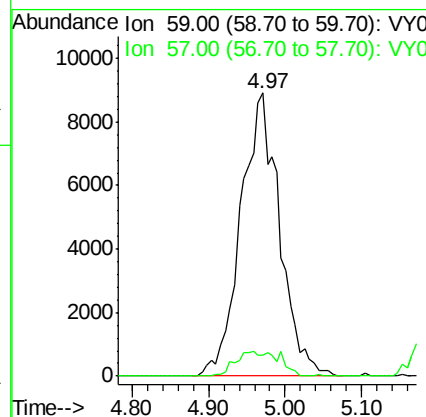
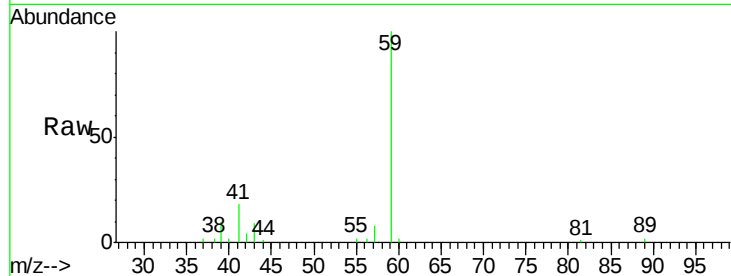
Tert butyl alcohol
Concen: 224.298 ug/l
RT: 4.97 min Scan# 555
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	10.0	Resp:	31294	Lower	8.0	Upper	12.0
Ion											

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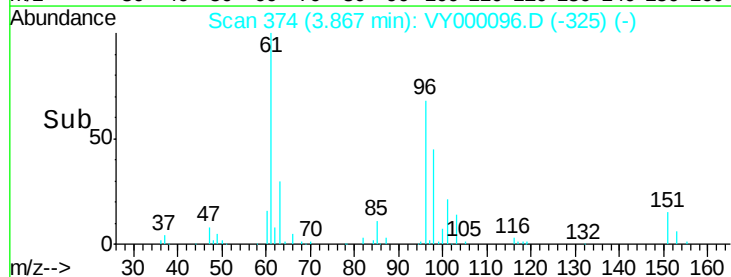
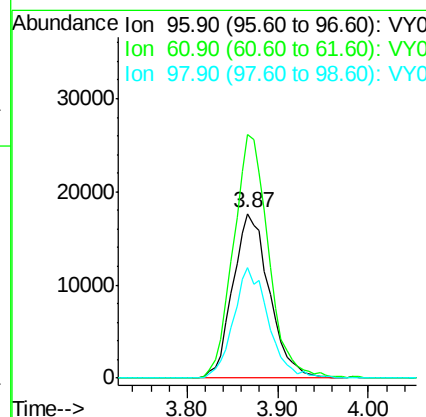
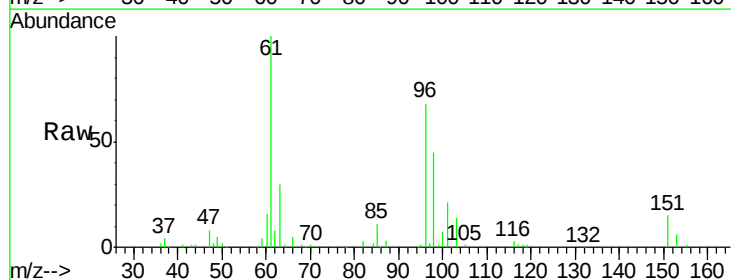
MMDadoda
9/24/2019 5:32:22 AM

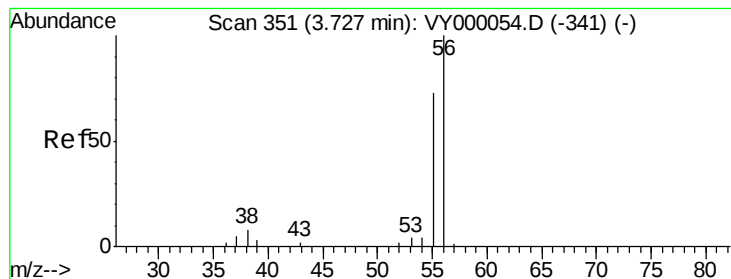


#12

1,1-Dichloroethene
Concen: 49.314 ug/l
RT: 3.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	96	61	98	Ratio	100	147.7	66.7	Resp:	49219	Lower	120.4	54.1	Upper	180.6	81.1
Ion															





#13

Acrolein

Concen: 125.644 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 9901

Ion Ratio Lower Upper

56 100

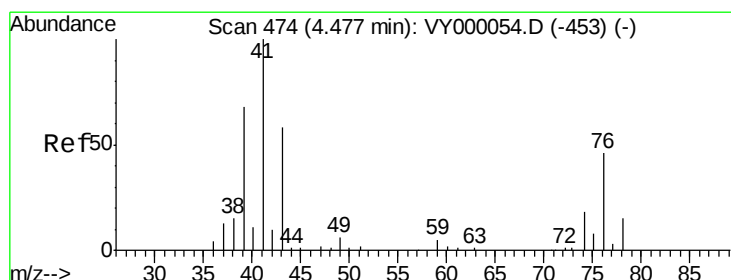
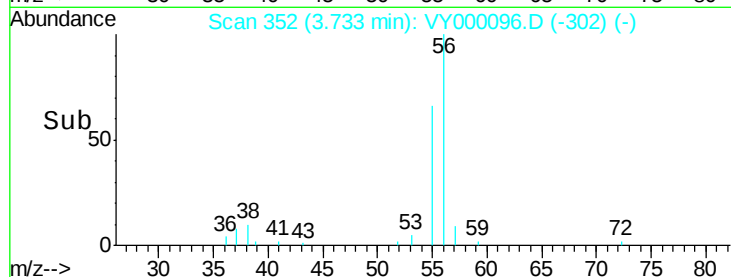
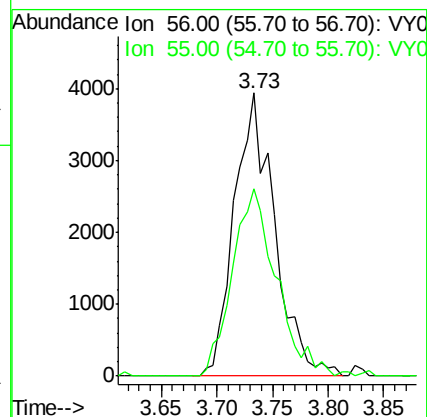
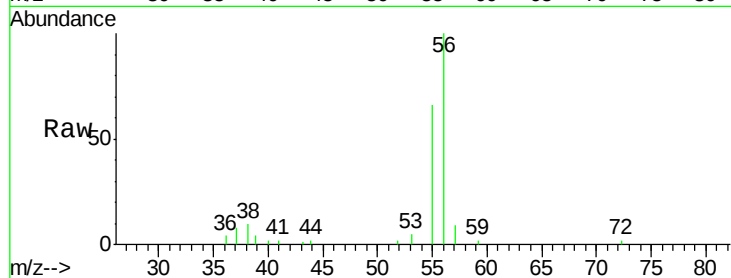
55 72.3 57.8 86.8

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#14

Allyl chloride

Concen: 50.488 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

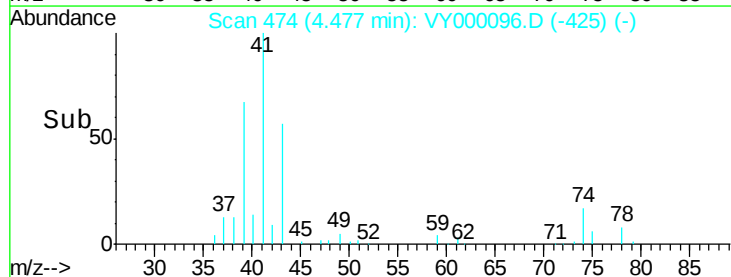
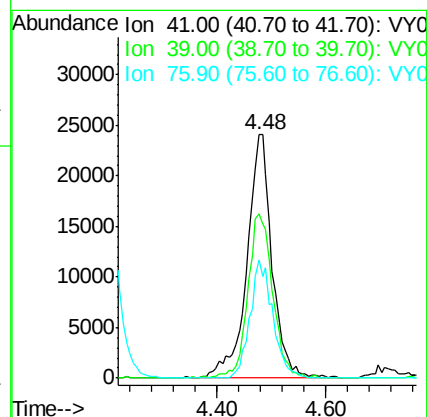
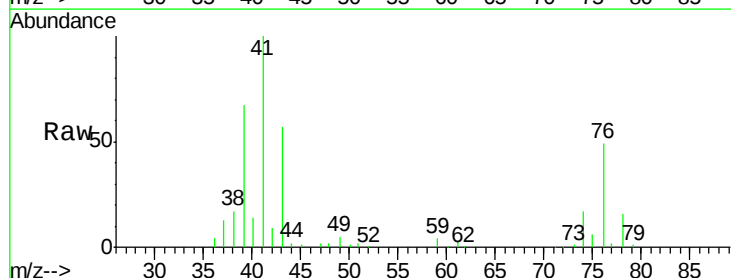
Tgt Ion: 41 Resp: 77018

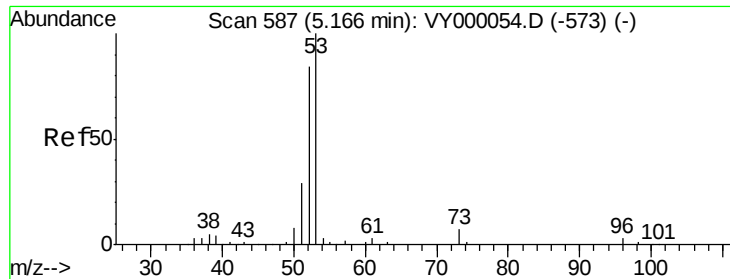
Ion Ratio Lower Upper

41 100

39 65.5 52.7 79.1

76 43.9 35.5 53.3





#15

Acrylonitrile

Concen: 240.453 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

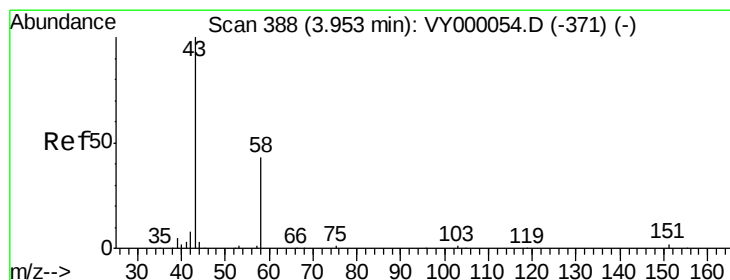
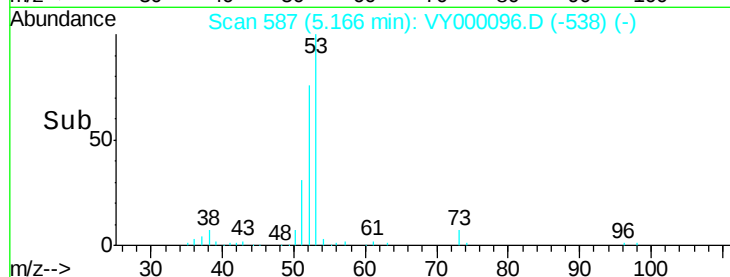
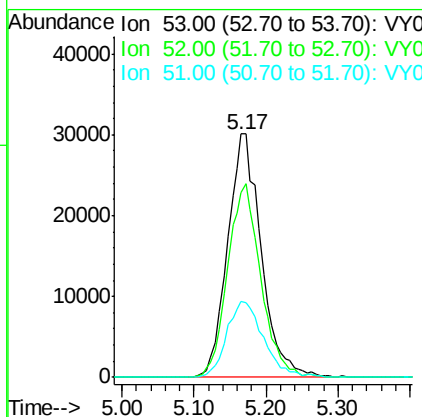
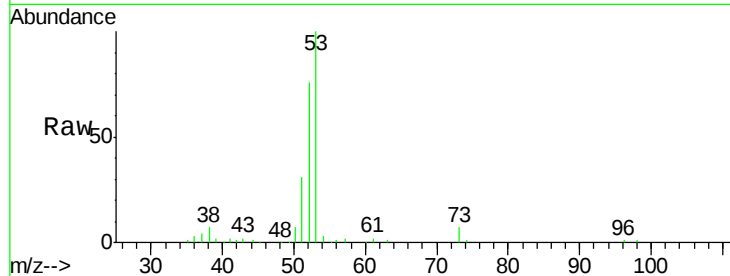
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	97431
Ion	Ratio	Lower	Upper
53	100		
52	78.4	64.7	97.1
51	34.3	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 209.893 ug/l

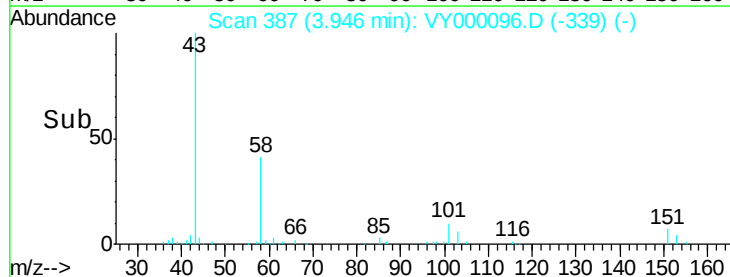
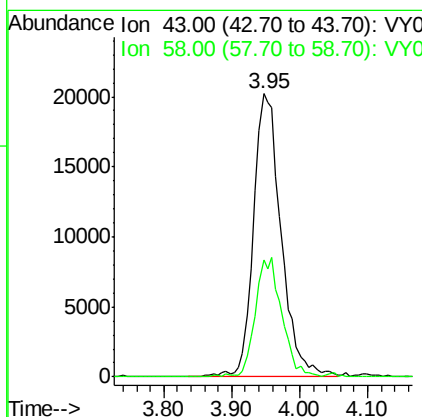
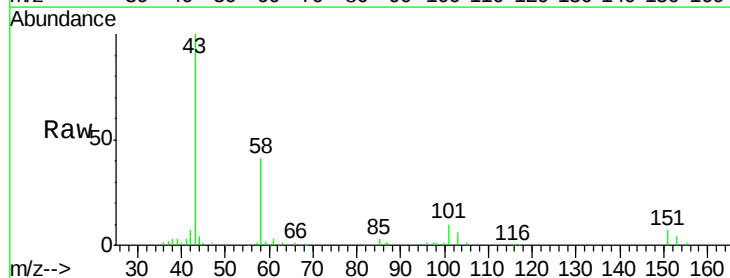
RT: 3.95 min Scan# 387

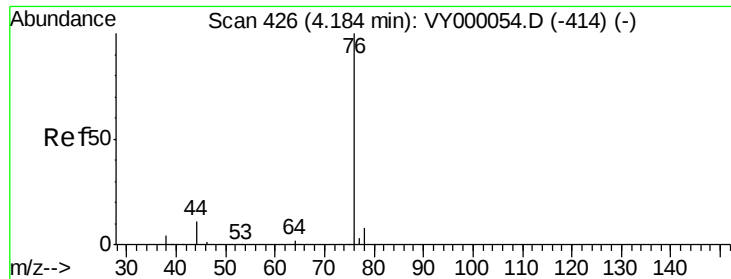
Delta R.T. -0.01 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Tgt Ion:	43	Resp:	57514
Ion	Ratio	Lower	Upper
43	100		
58	40.8	34.5	51.7





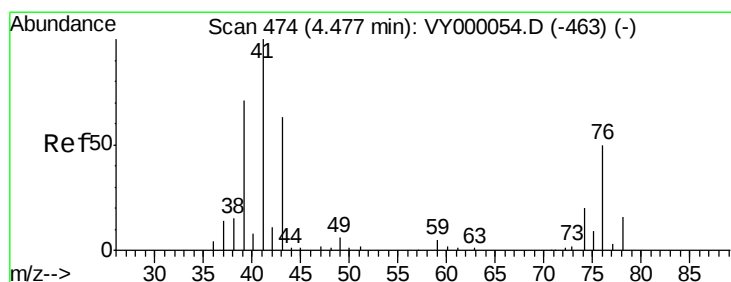
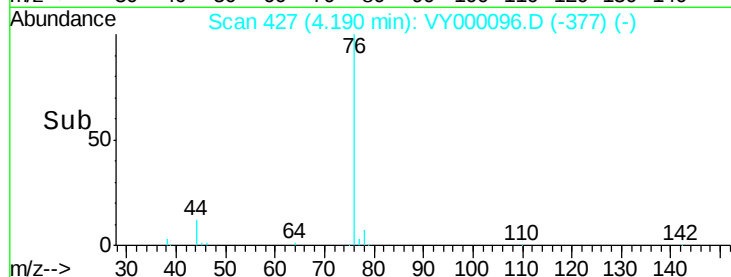
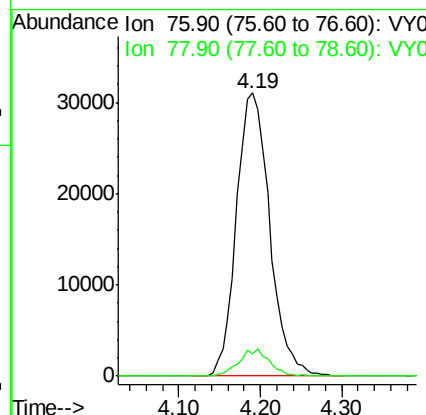
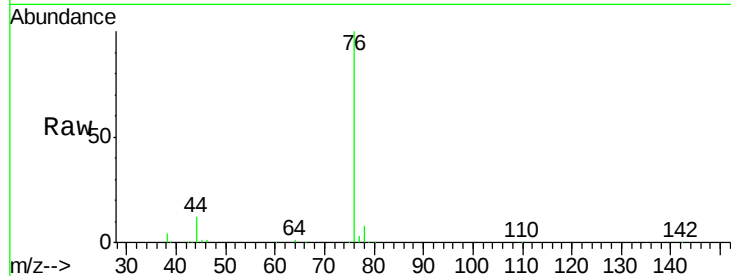
#17
Carbon Disulfide
Concen: 49.908 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	76	Resp	87600
Ion Ratio	Lower	Upper	
76	100		
78	7.8	6.6	9.8

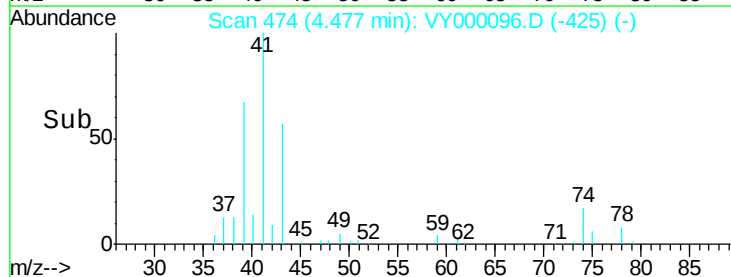
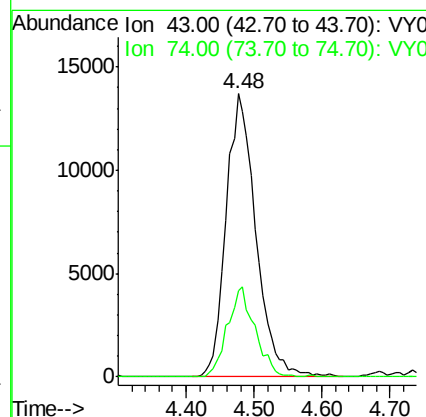
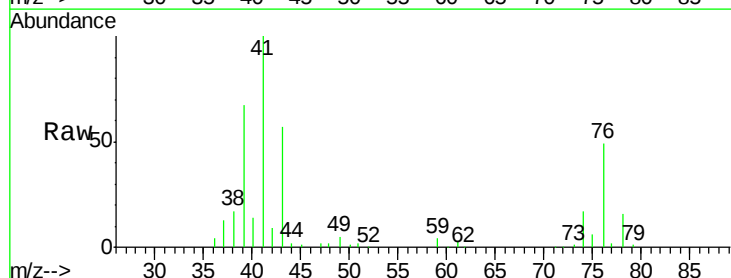
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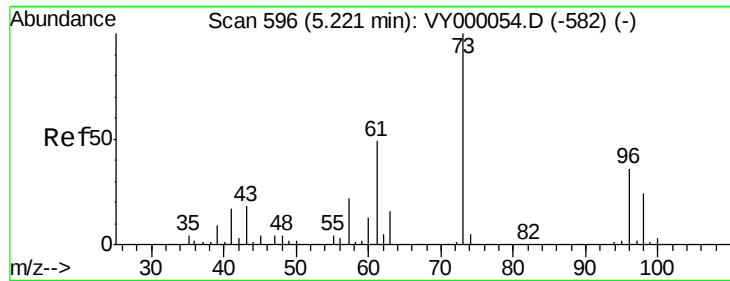
MMDadoda
9/24/2019 5:32:22 AM



#18
Methyl Acetate
Concen: 45.481 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	43	Resp	41636
Ion Ratio	Lower	Upper	
43	100		
74	29.3	24.1	36.1





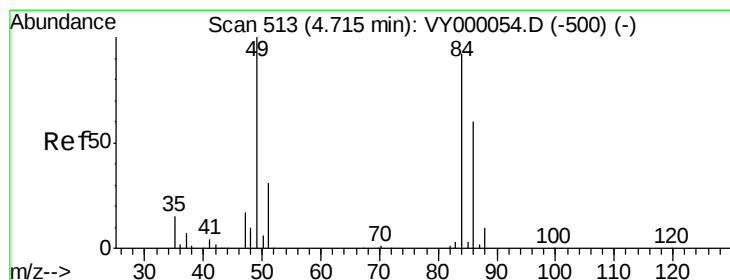
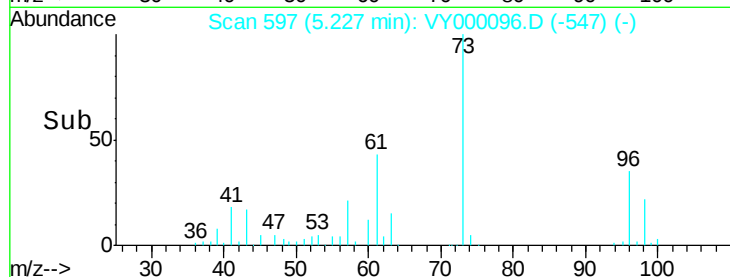
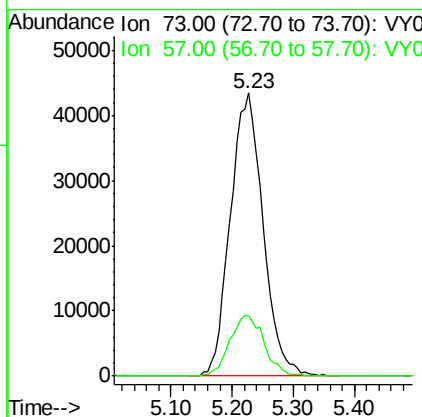
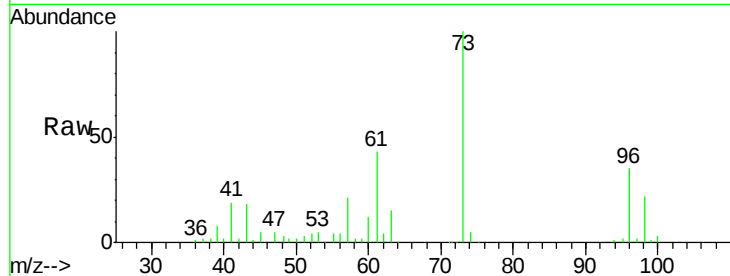
#19
Methvl tert-butvl Ether
Concen: 51.432 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 160420
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3

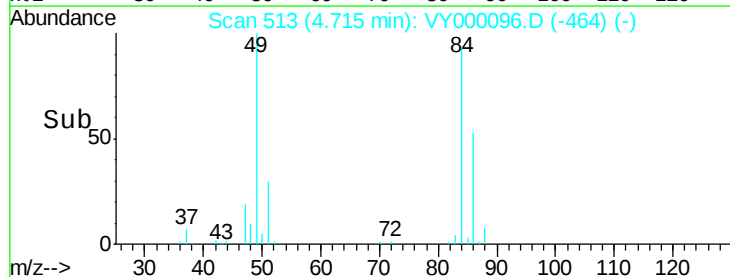
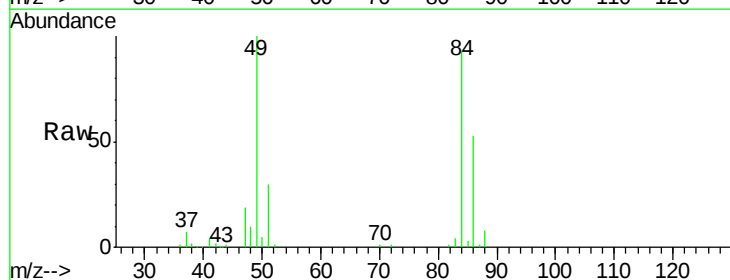
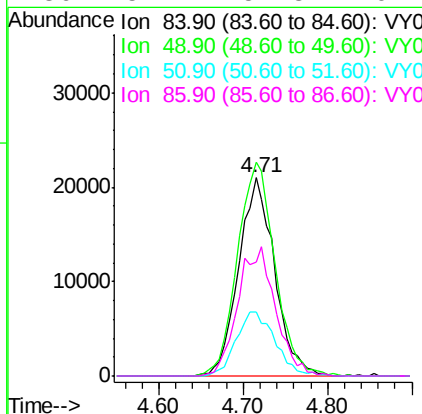
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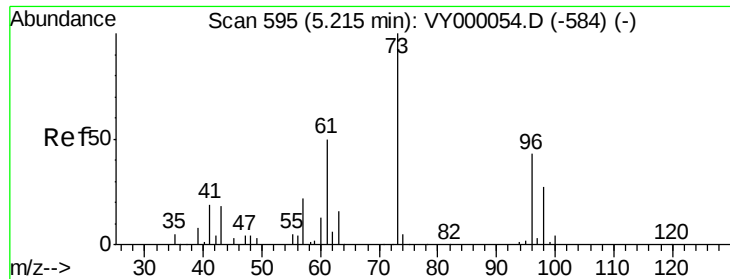
MMDadoda
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#20
Methylene Chloride
Concen: 47.125 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion: 84 Resp: 60745
Ion Ratio Lower Upper
84 100
49 107.9 87.4 131.0
51 32.7 27.2 40.8
86 57.7 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 48.732 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

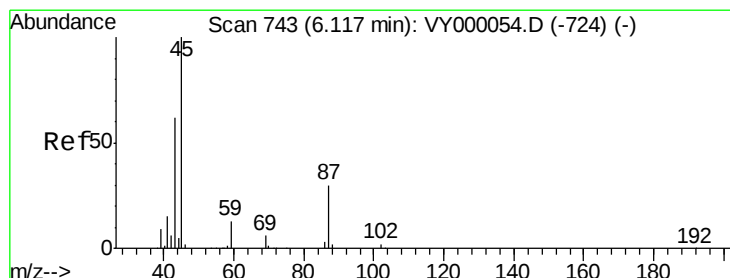
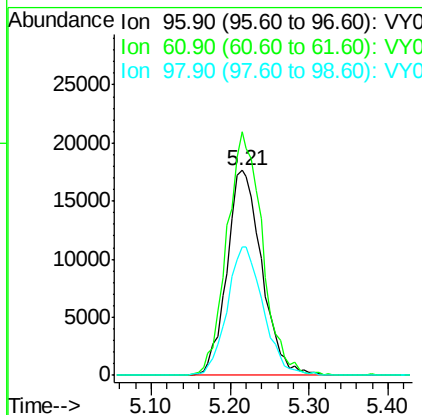
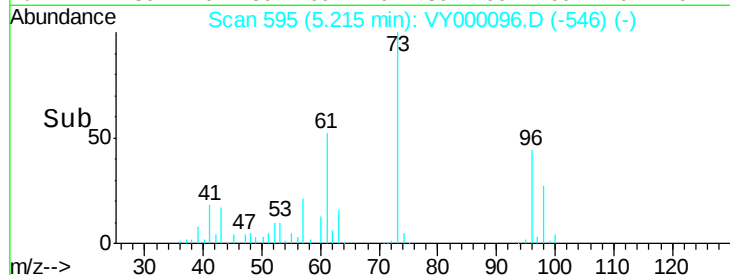
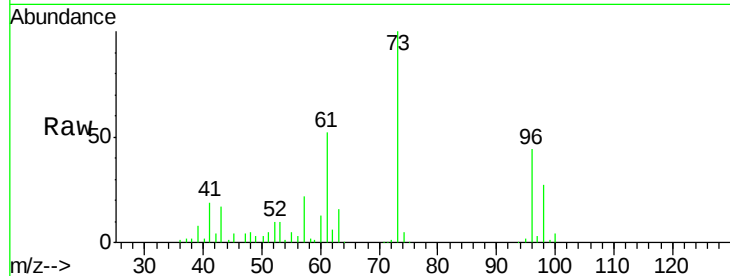
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	54067
Ion	Ratio	Lower	Upper
96	100		
61	118.8	94.0	141.0
98	62.5	50.3	75.5

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#22

Diisopropyl ether

Concen: 52.787 ug/l

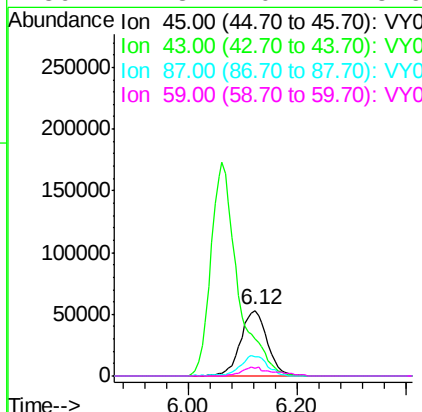
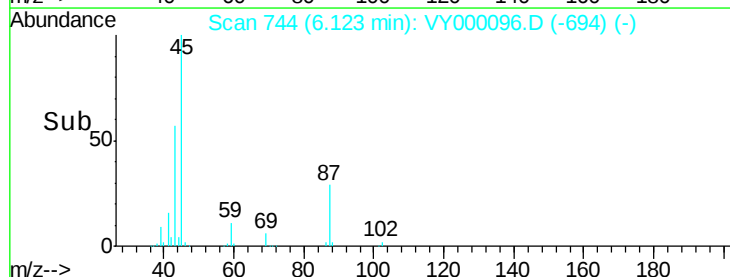
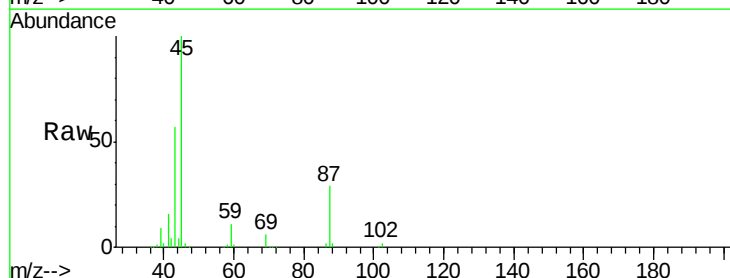
RT: 6.12 min Scan# 744

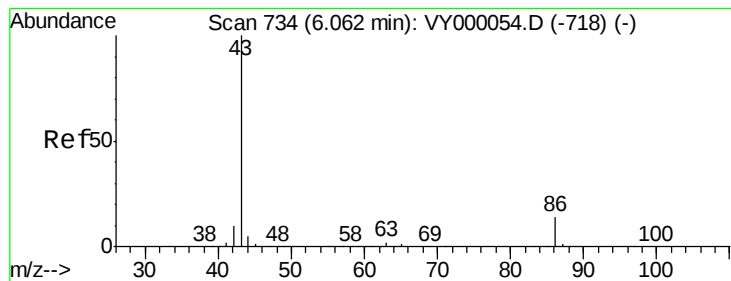
Delta R.T. 0.01 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Tgt Ion:	45	Resp:	181933
Ion	Ratio	Lower	Upper
45	100		
43	57.2	49.9	74.9
87	29.1	25.0	37.4
59	11.3	10.4	15.6





#23

Vinyl Acetate

Concen: 256.175 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 590922

Ion Ratio Lower Upper

43 100

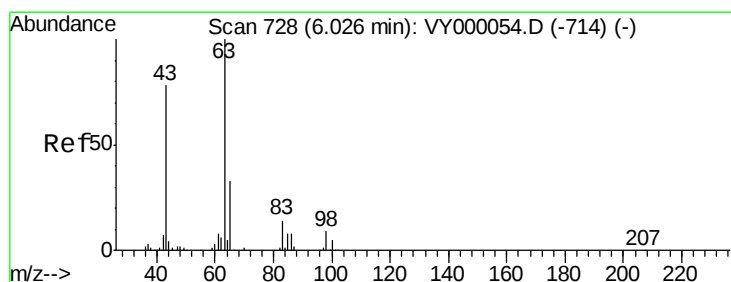
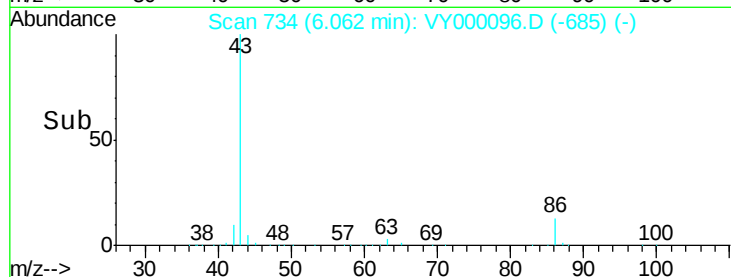
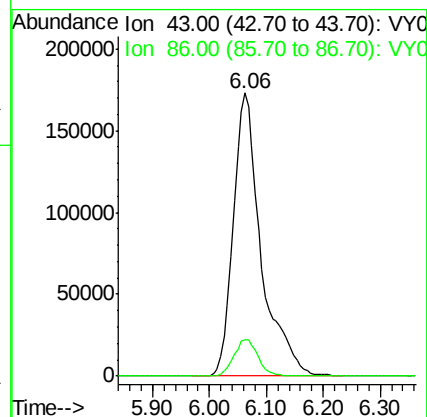
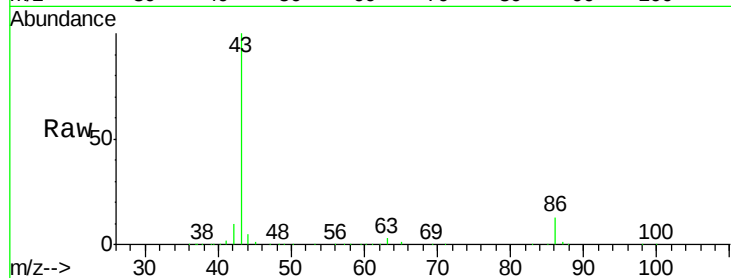
86 12.9 11.3 16.9

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#24

1,1-Dichloroethane

Concen: 50.843 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

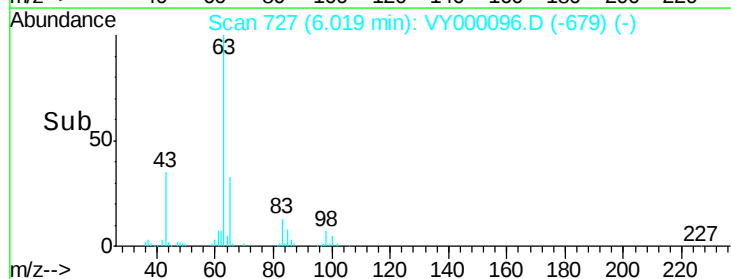
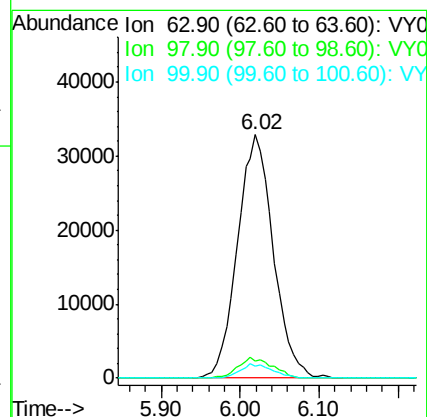
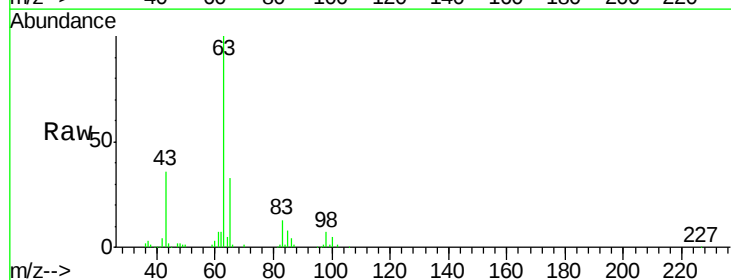
Tgt Ion: 63 Resp: 103716

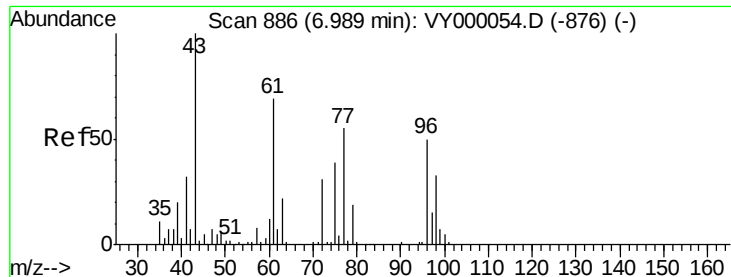
Ion Ratio Lower Upper

63 100

98 6.9 4.5 13.5

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 221.658 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 110012

Ion Ratio Lower Upper

43 100

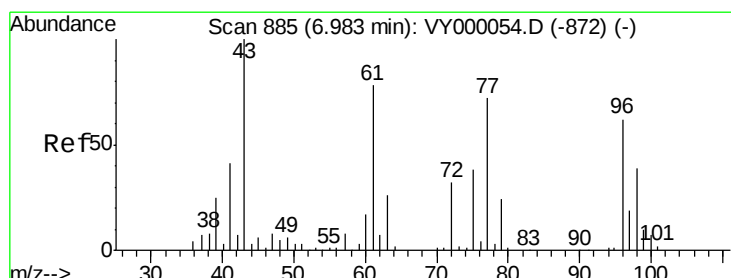
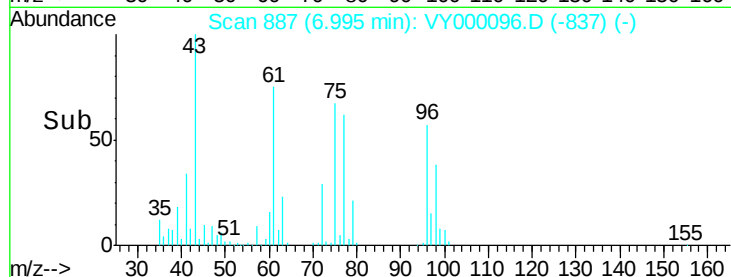
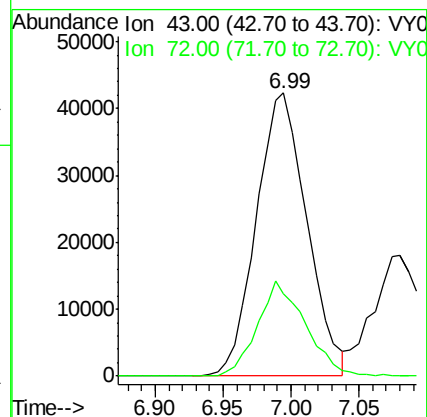
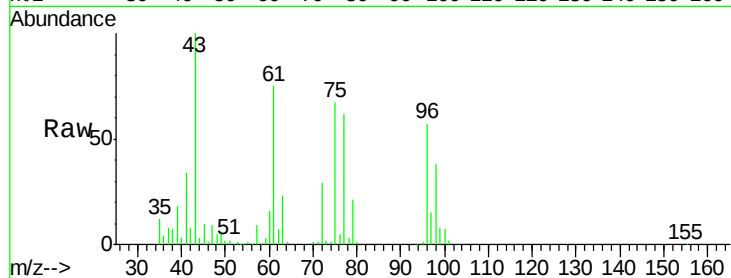
72 28.9 24.7 37.1

Manual Integrations

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9/24/2019 5:32:22 AM



#26

2,2-Dichloropropane

Concen: 49.895 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000096.D

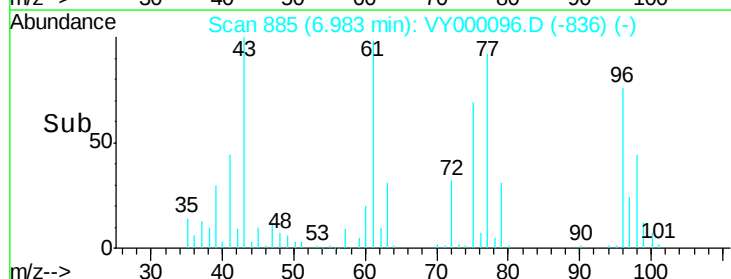
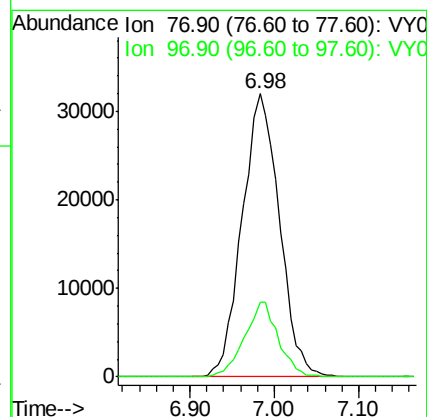
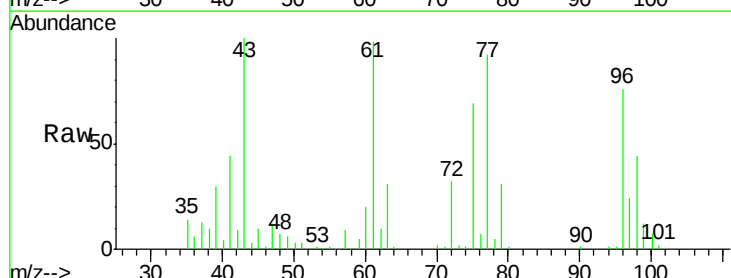
Acq: 20 Sep 2019 10:07

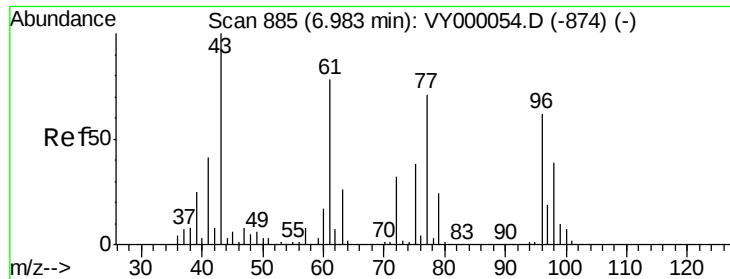
Tgt Ion: 77 Resp: 96056

Ion Ratio Lower Upper

77 100

97 23.9 12.5 37.5





#27

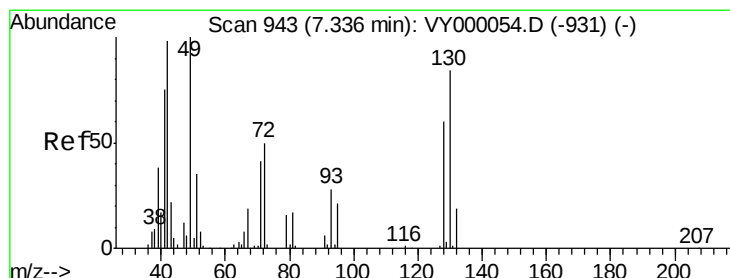
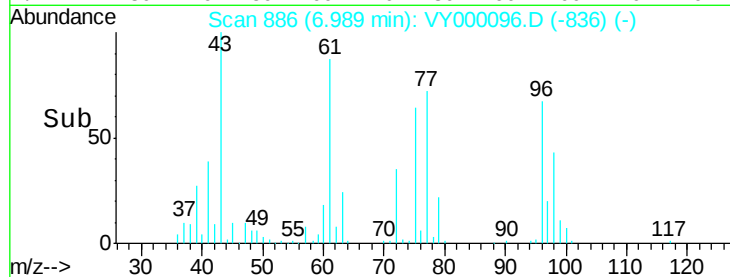
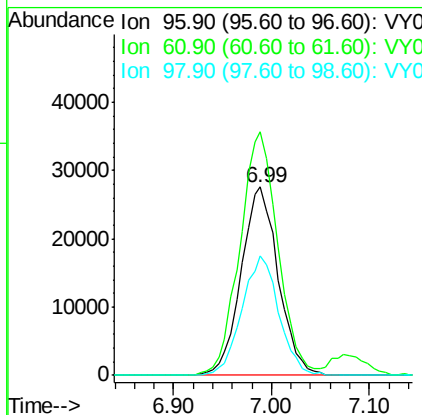
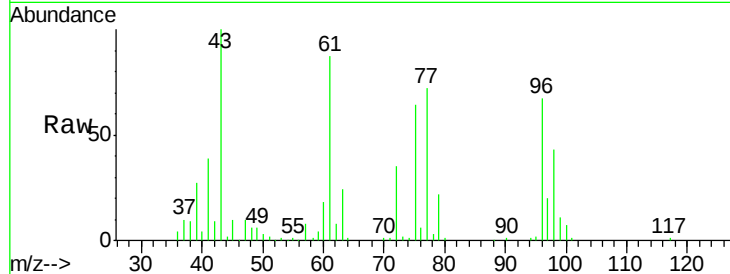
cis-1,2-Dichloroethene
Concen: 51.629 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	263.0
98	63.4	0.0	130.2

Manual Integrations
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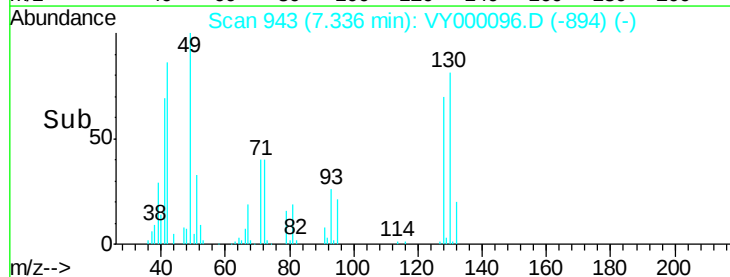
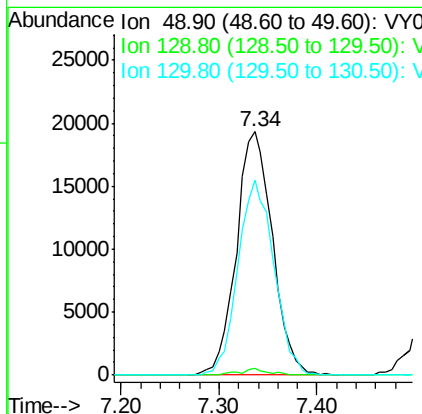
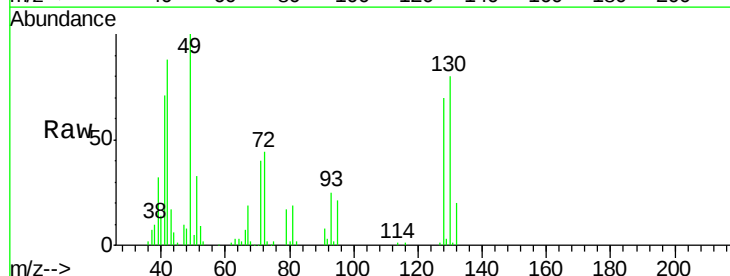
MMDadoda
9/24/2019 5:32:22 AM

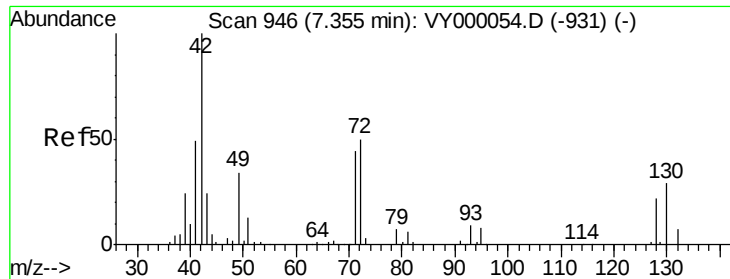


#28

Bromochloromethane
Concen: 52.233 ug/l
RT: 7.34 min Scan# 943
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	79.9	66.2	99.4





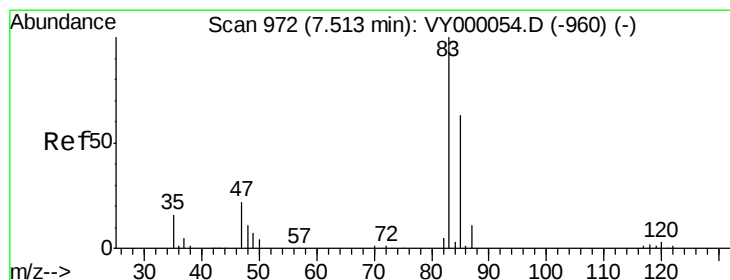
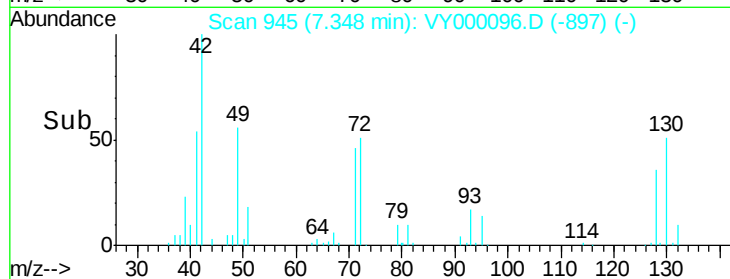
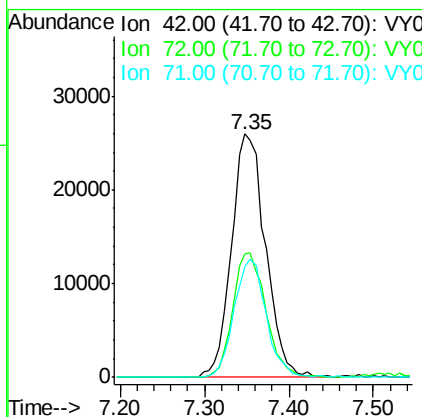
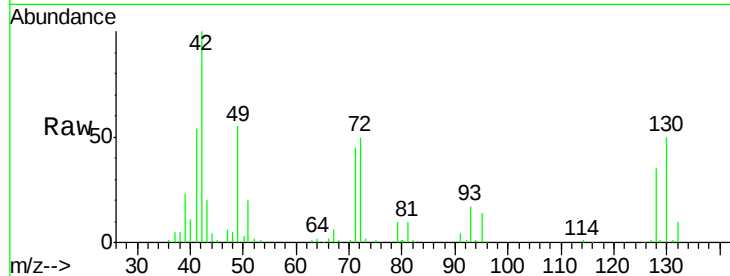
#29
Tetrahydrofuran
Concen: 237.769 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	41.8	62.6
71	45.6	38.6	58.0

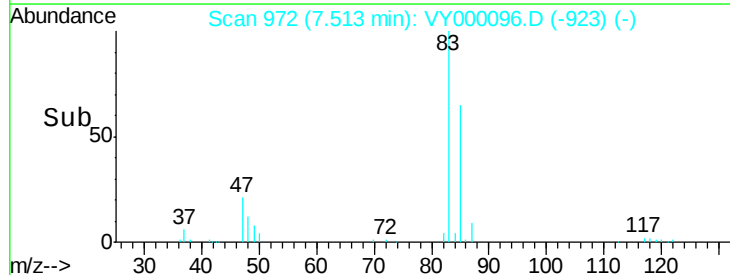
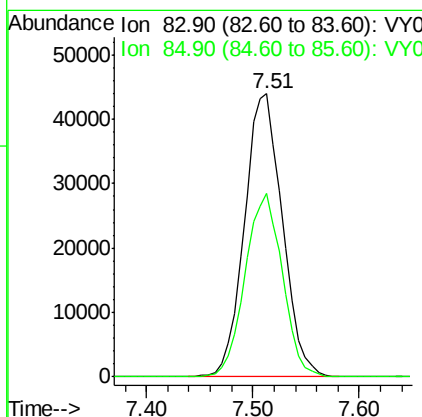
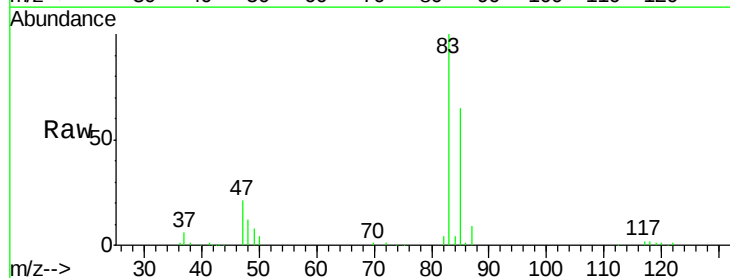
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APPROVED

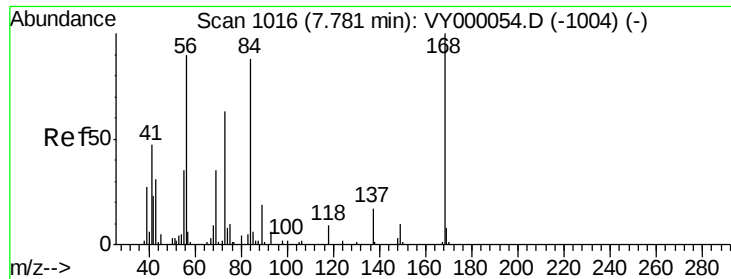
MMDadoda
9/24/2019 5:32:22 AM



#30
Chloroform
Concen: 52.033 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.6	76.0





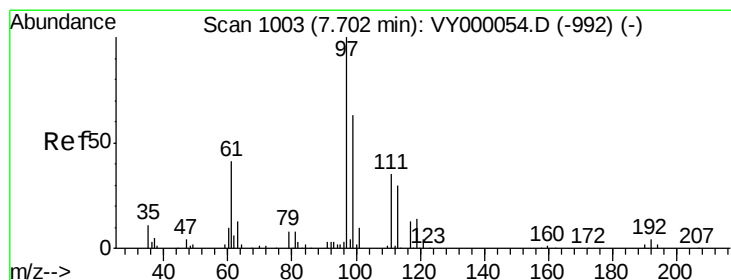
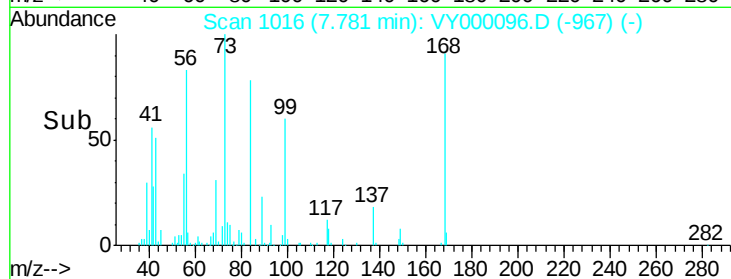
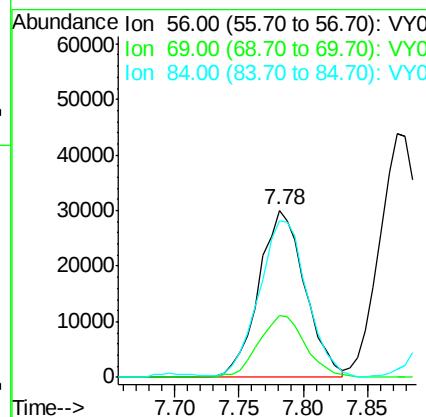
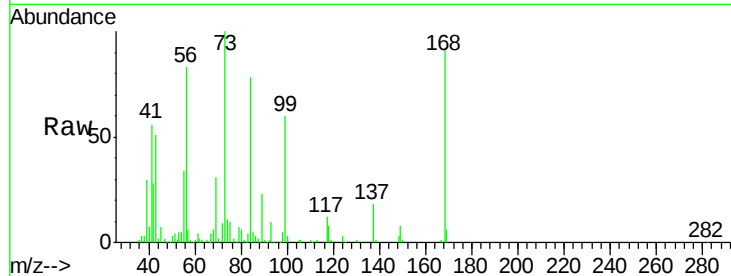
#31
Cyclohexane
Concen: 51.672 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.9	30.9	46.3
84	91.8	78.5	117.7

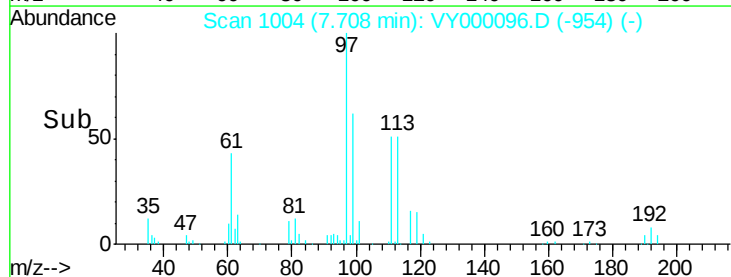
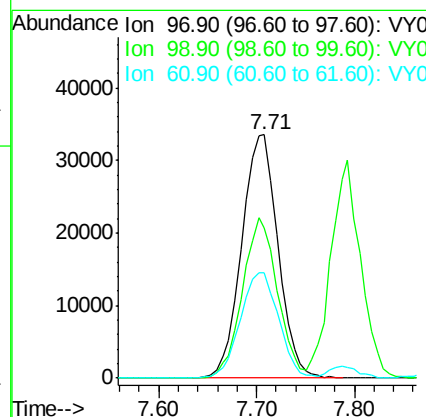
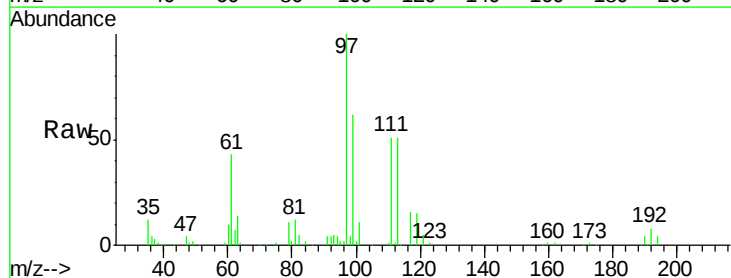
Manual Integrations
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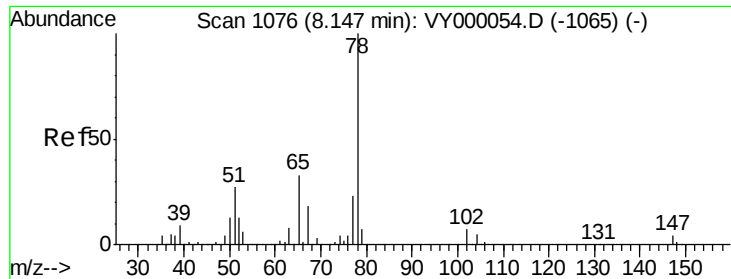
MMDadoda
9/24/2019 5:32:22 AM



#32
1,1,1-Trichloroethane
Concen: 50.577 ug/l
RT: 7.71 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.6
61	45.7	34.3	51.5





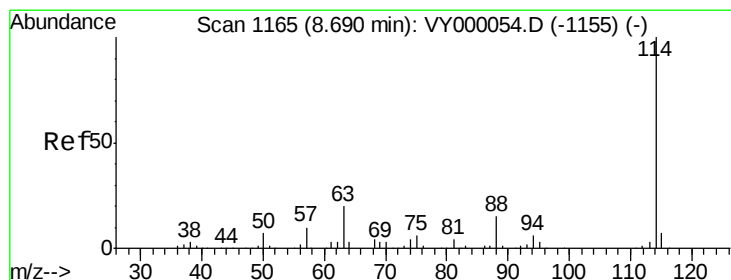
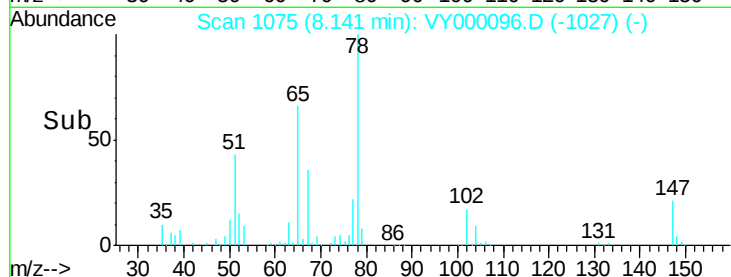
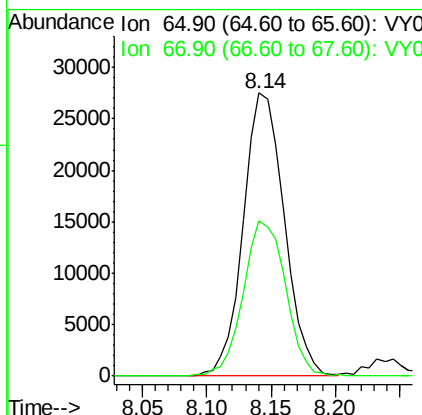
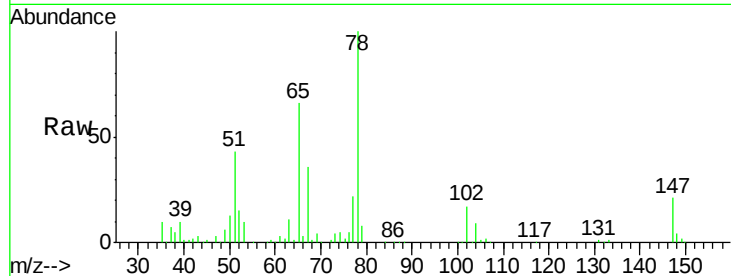
#33
 1,2-Dichloroethane-d4
 Concen: 51.613 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	111.0

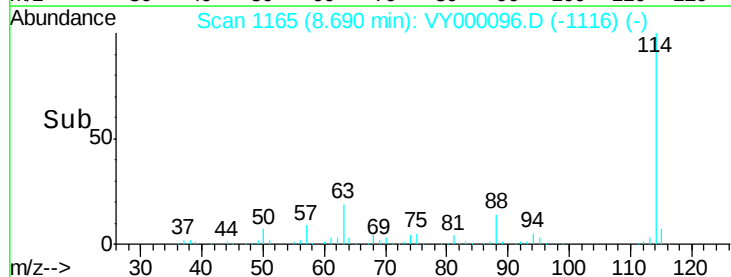
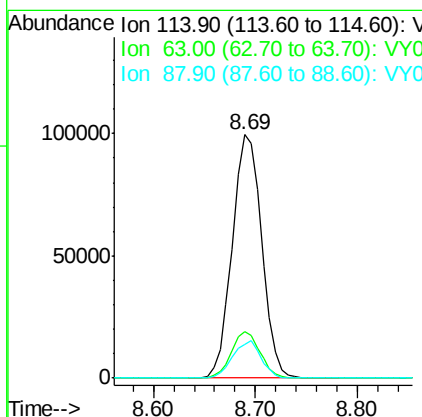
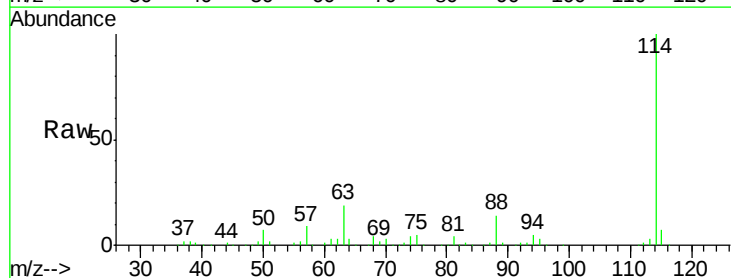
Manual Integrations
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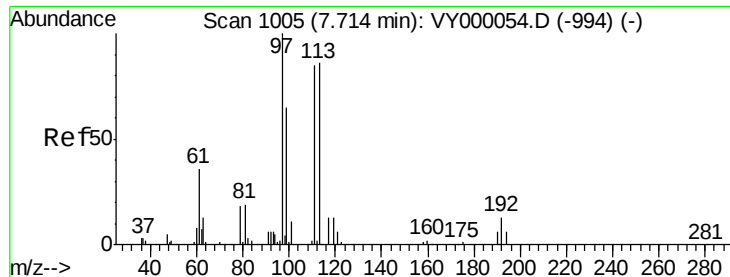
MMDadoda
 9/24/2019 5:32:22 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.4
88	13.7	0.0	30.2





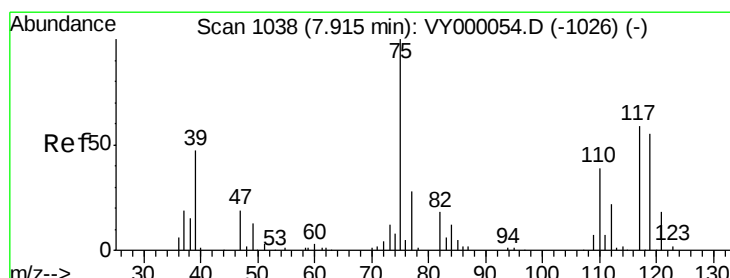
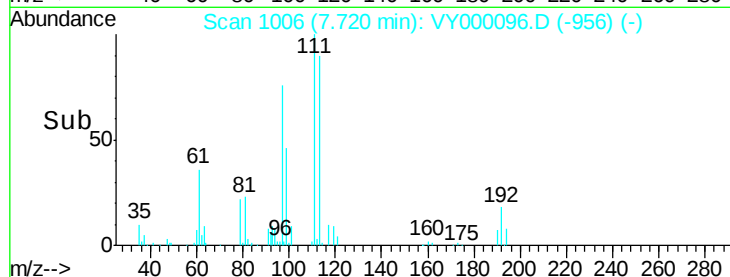
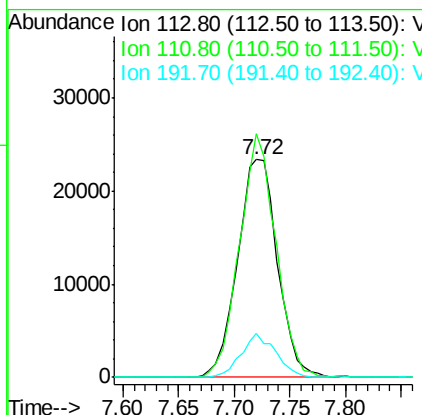
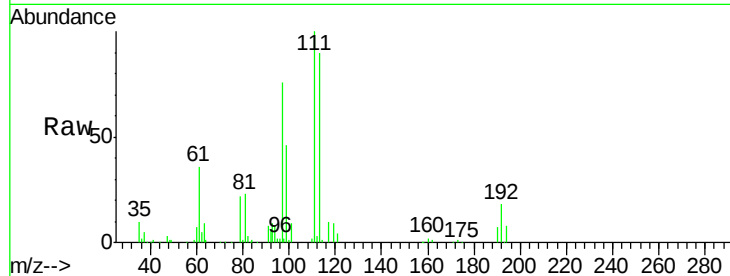
#35
 Dibromofluoromethane
 Concen: 48.444 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.7	122.5
192	17.4	13.4	20.2

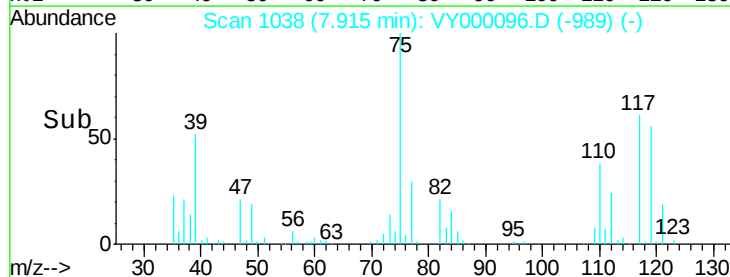
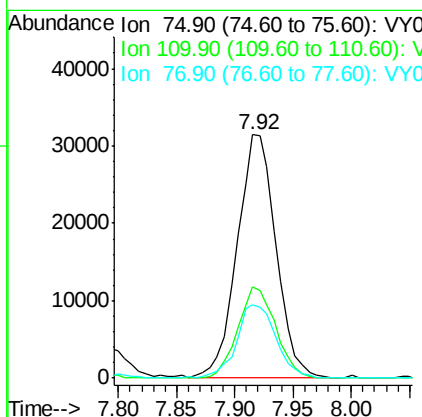
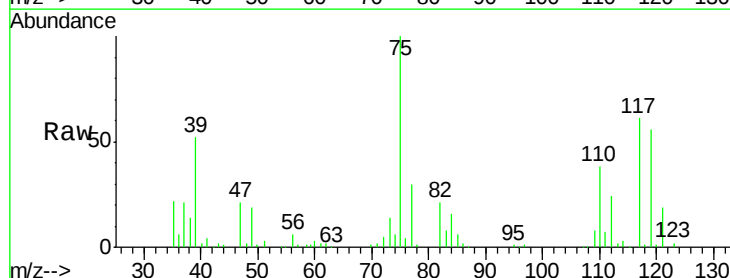
Manual Integrations
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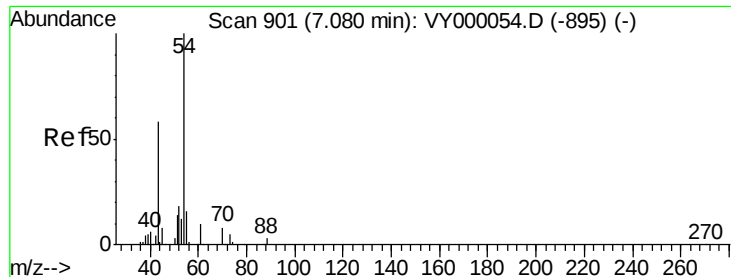
MMDadoda
 9/24/2019 5:32:22 AM



#36
 1,1-Dichloropropene
 Concen: 49.319 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	19.6	58.7
77	30.5	24.3	36.5





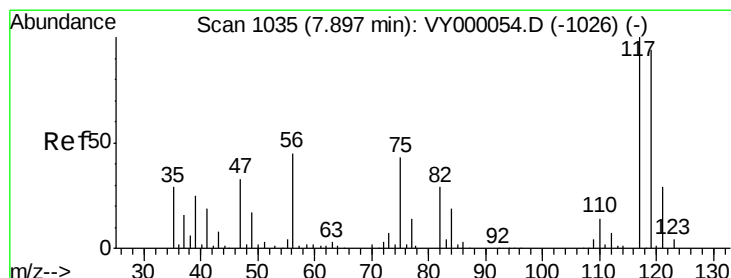
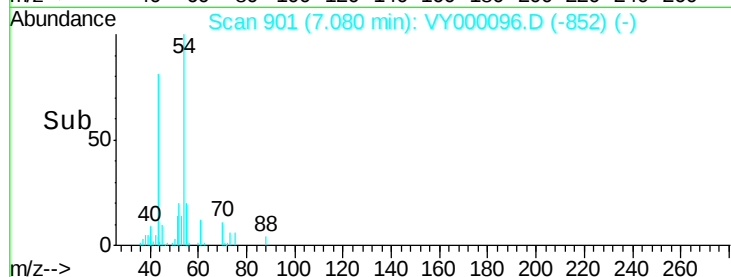
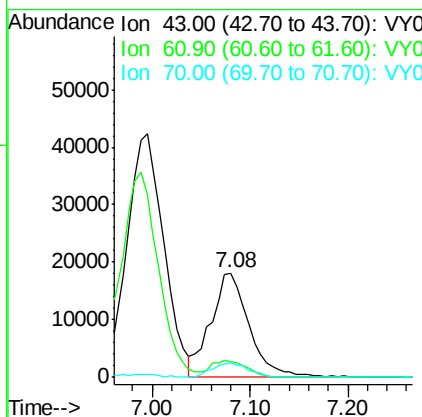
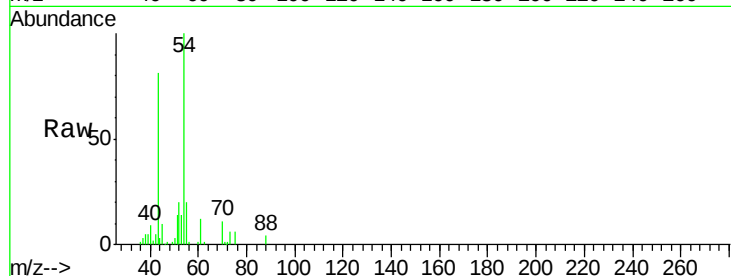
#37
Ethyl Acetate
Concen: 48.936 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	14.1	21.1
70	13.2	10.6	15.8

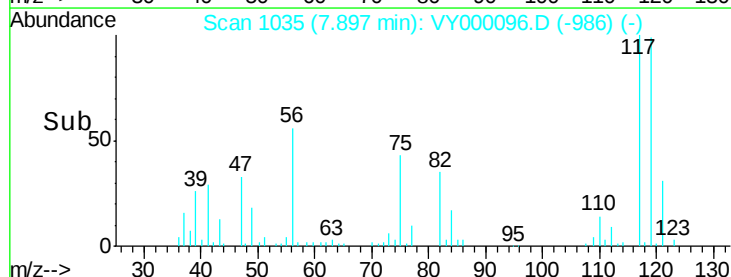
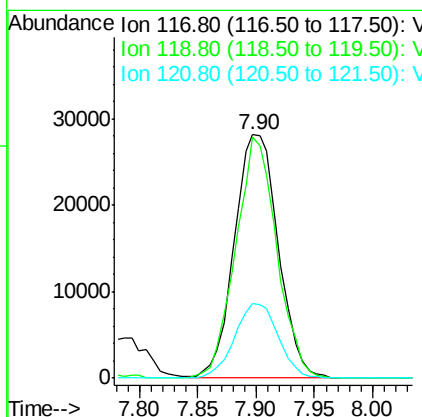
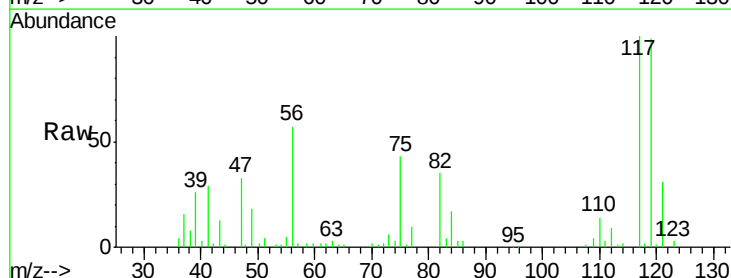
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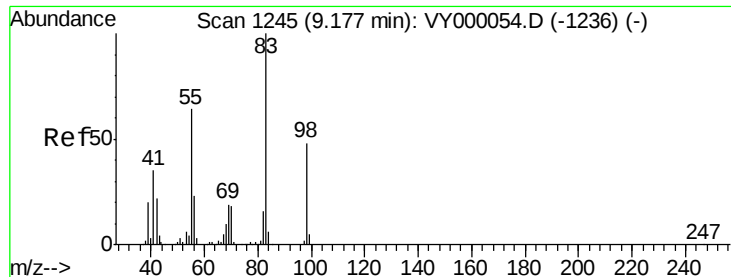
MMDadoda
9/24/2019 5:32:22 AM



#38
Carbon Tetrachloride
Concen: 52.734 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.0	112.6
121	30.7	22.8	34.2





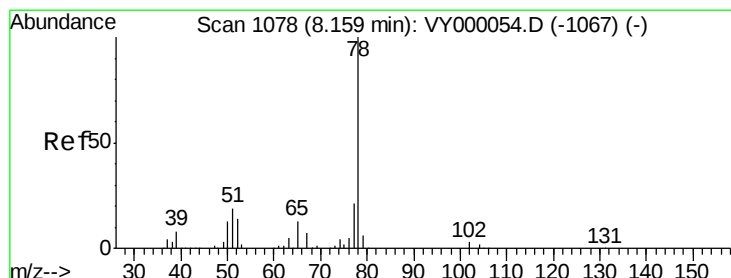
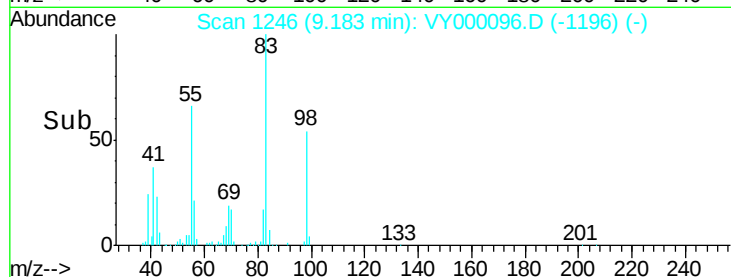
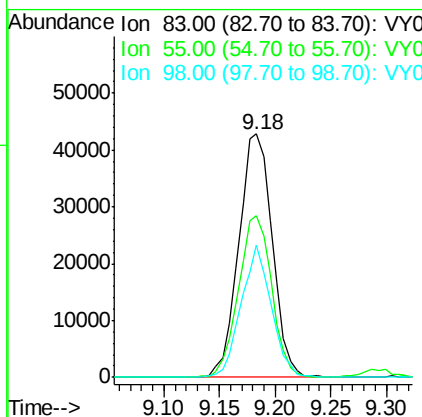
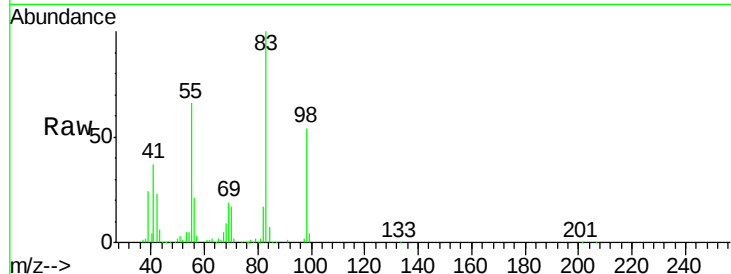
#39
Methvlcvclohexane
Concen: 49.001 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.3	51.0	76.6
98	54.1	38.5	57.7

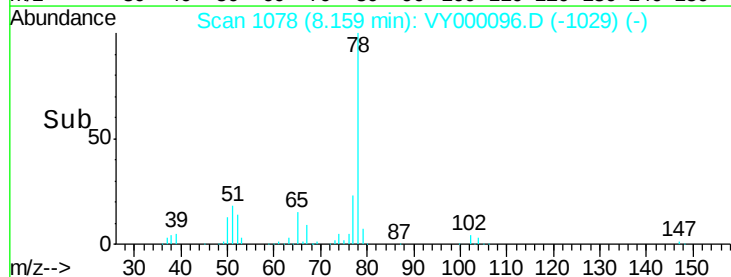
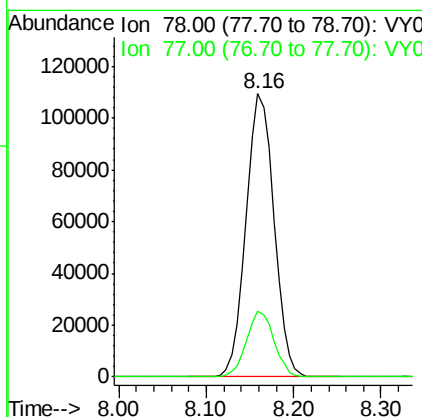
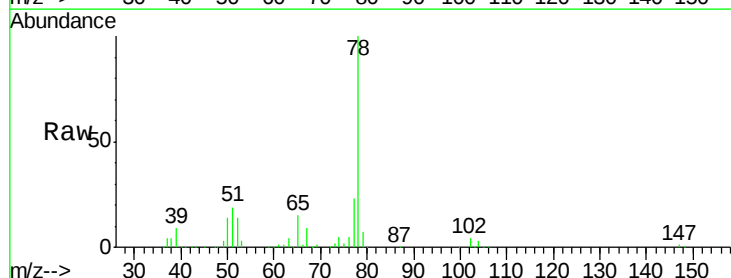
Manual Integrations
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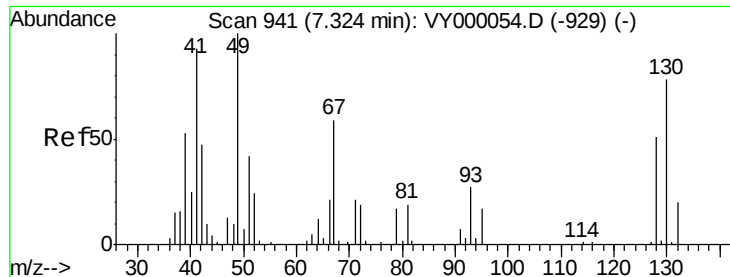
MMDadoda
9/24/2019 5:32:22 AM



#40
Benzene
Concen: 49.654 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	16.8	25.2





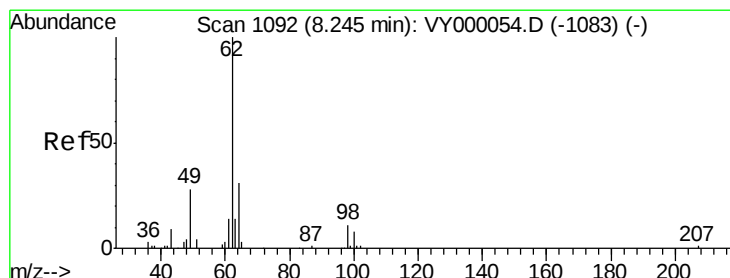
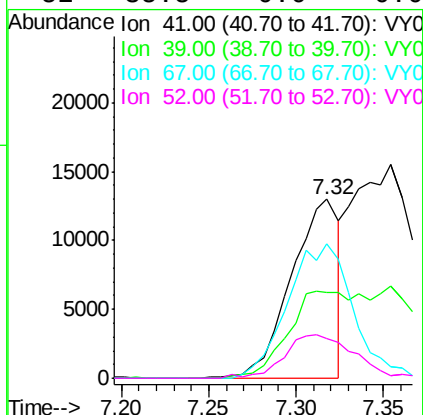
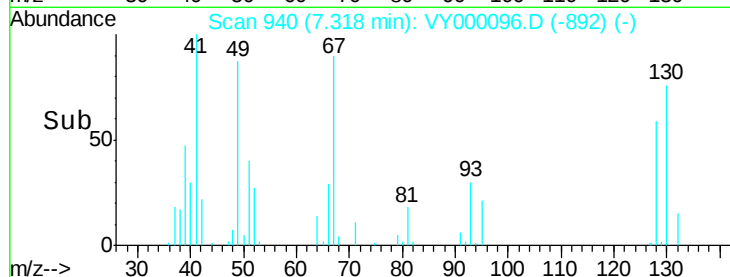
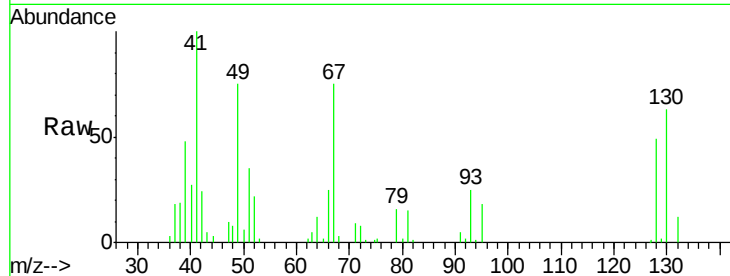
#41
Methacrylonitrile
Concen: 35.560 ug/l
RT: 7.32 min Scan# 940
Delta R.T. -0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.8	91.8	137.6#
67	101.9	0.0	0.0#
52	35.5	0.0	0.0#

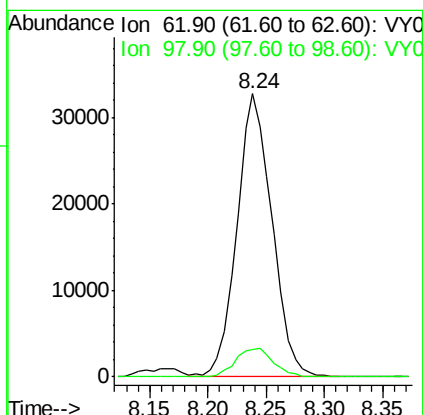
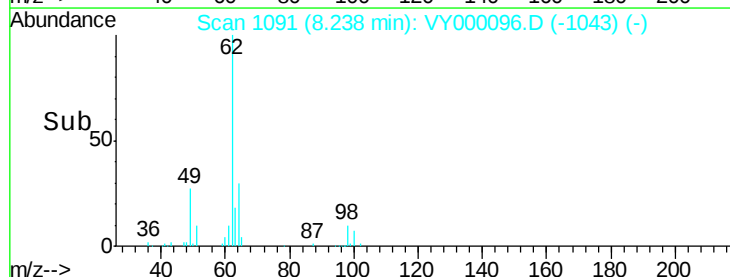
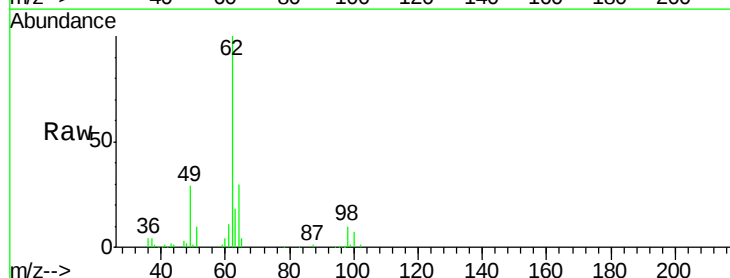
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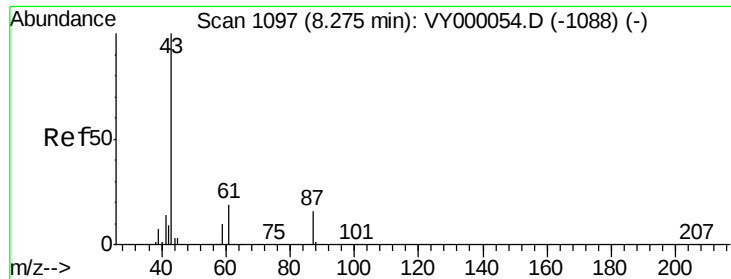
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.747 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	23.6





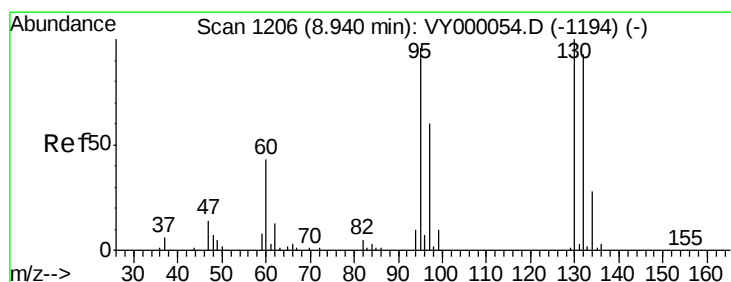
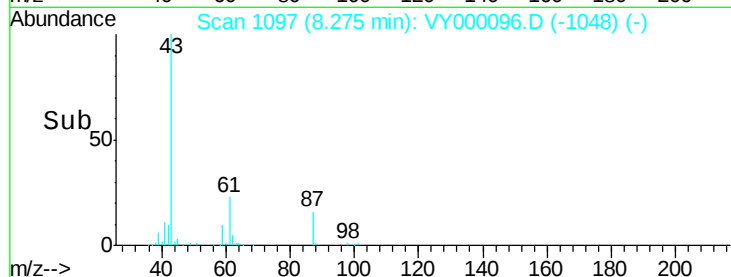
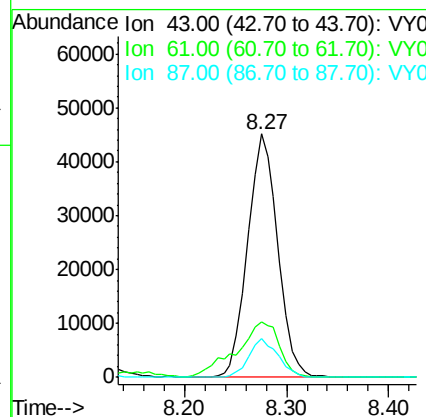
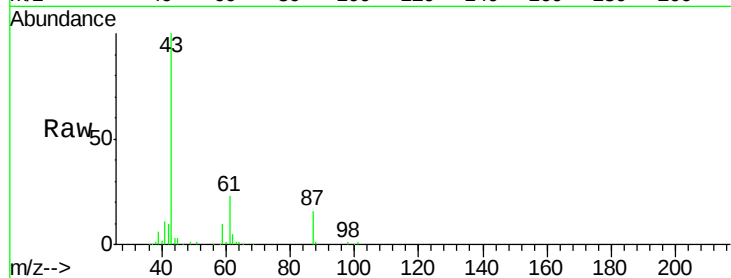
#43
Isopropyl Acetate
Concen: 47.955 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.6	25.0	37.6
87	15.5	12.4	18.6

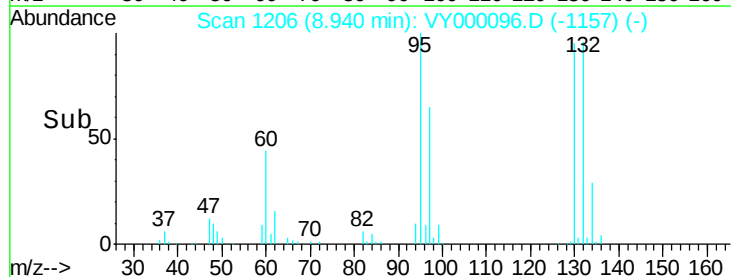
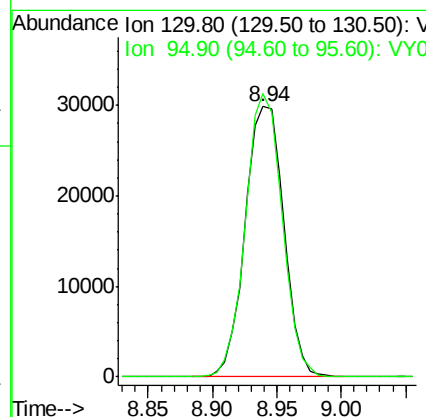
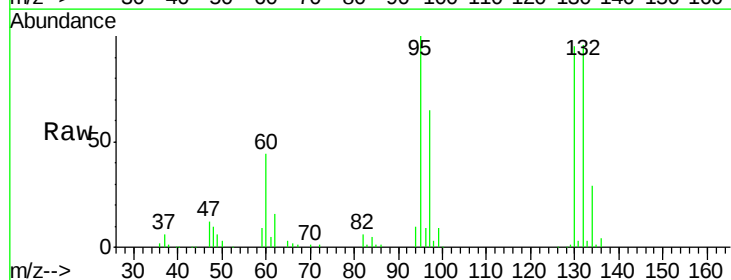
Manual Integrations
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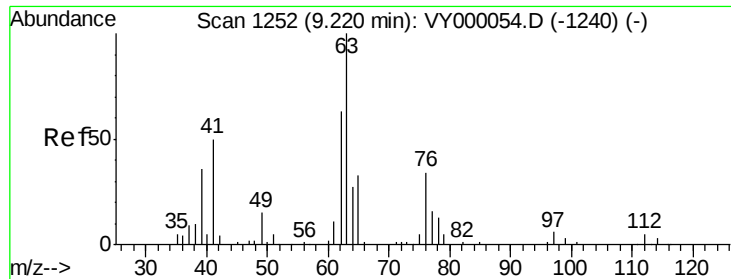
MMDadoda
9/24/2019 5:32:22 AM



#44
Trichloroethene
Concen: 49.470 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	192.0





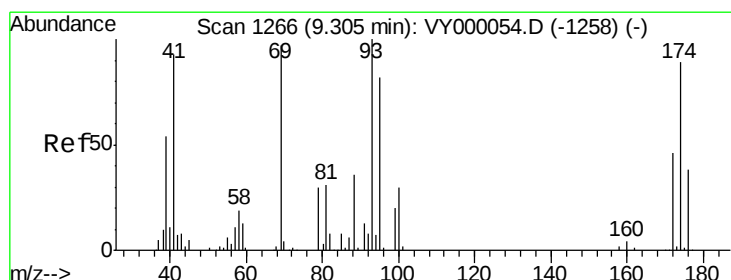
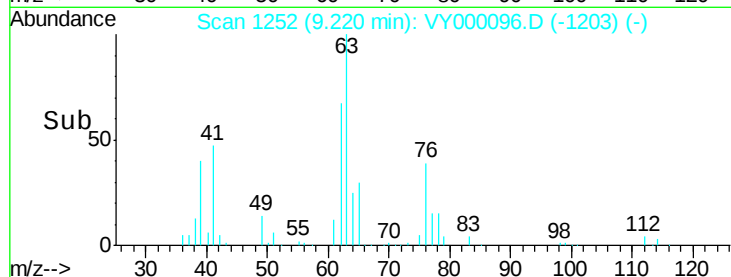
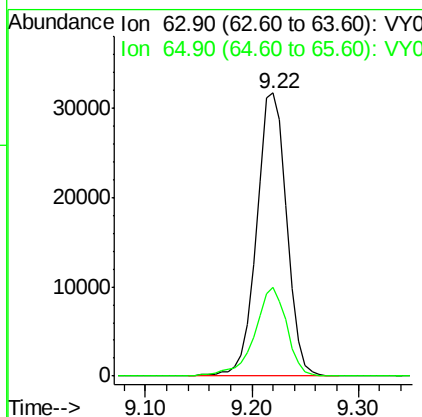
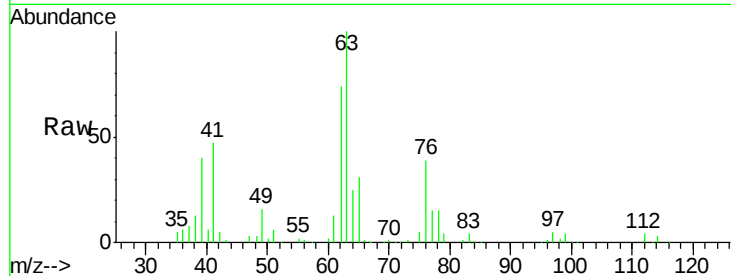
#45
 1,2-Dichloropropane
 Concen: 49.320 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 62670
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.2 39.4

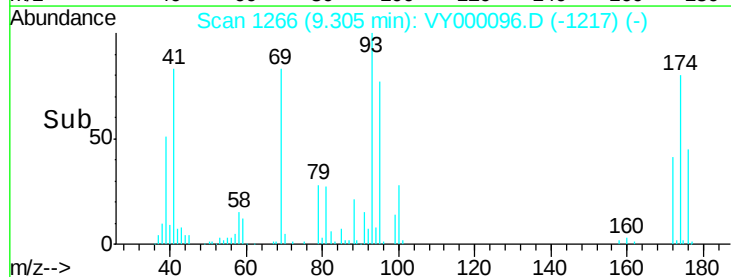
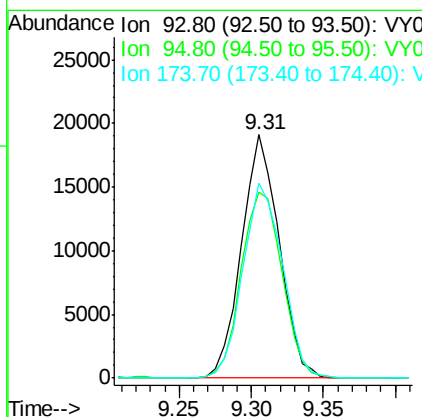
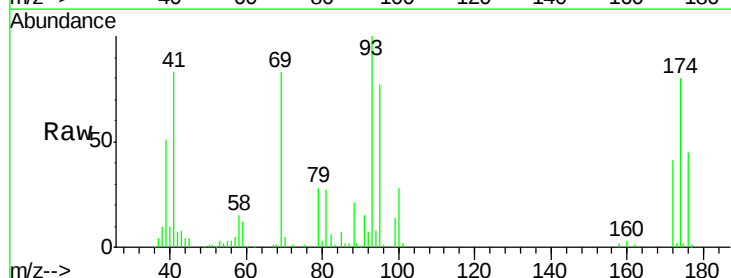
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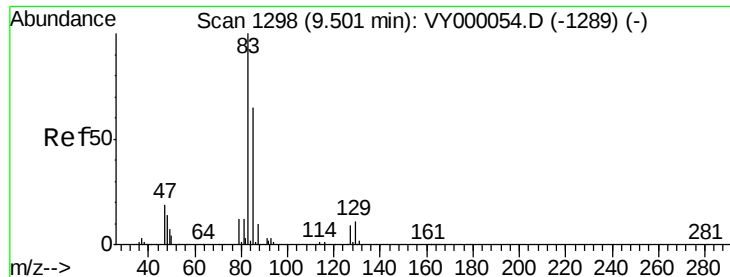
MMDadoda
 9/24/2019 5:32:22 AM



#46
 Dibromomethane
 Concen: 49.688 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Tgt Ion: 93 Resp: 34486
 Ion Ratio Lower Upper
 93 100
 95 83.6 68.1 102.1
 174 84.7 67.8 101.6





#47

Bromodichloromethane

Concen: 51.567 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

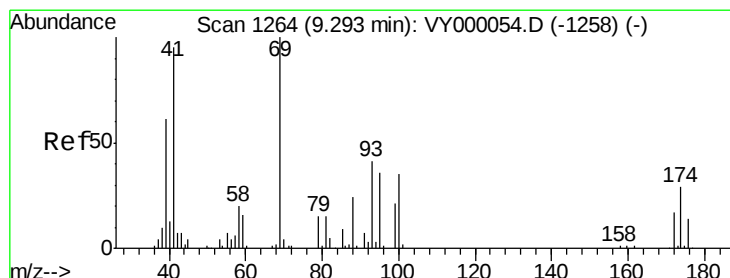
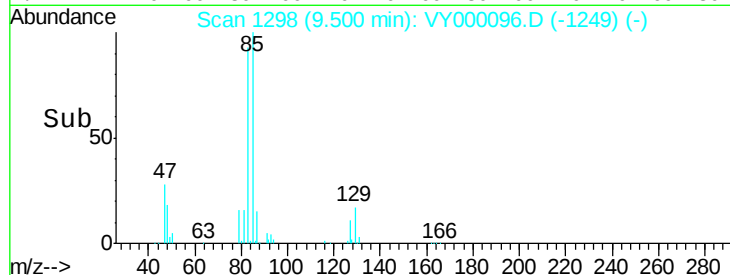
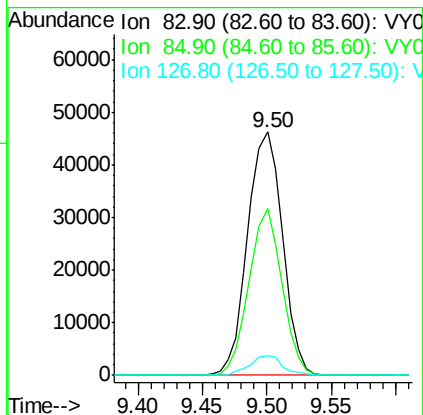
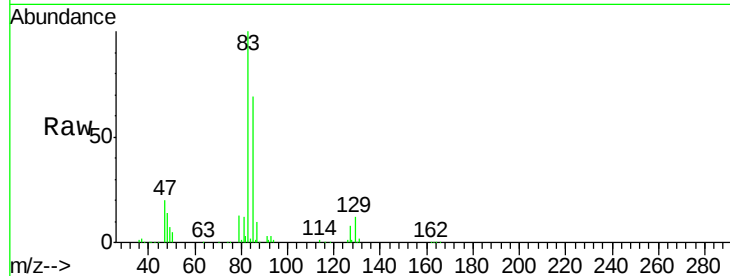
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	86848
Ion	Ratio	Lower	Upper
83	100		
85	68.8	52.3	78.5
127	7.8	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.921 ug/l

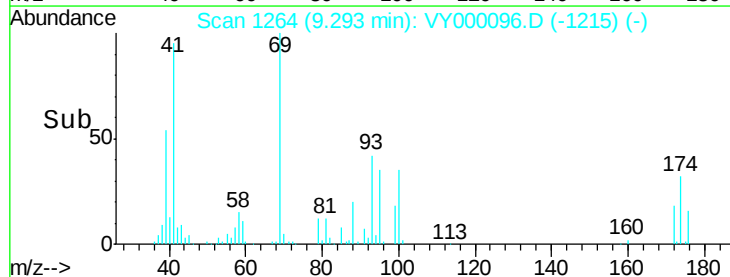
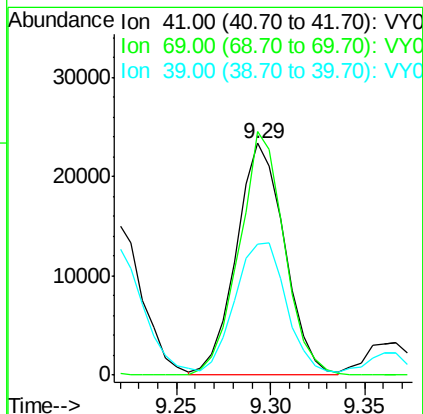
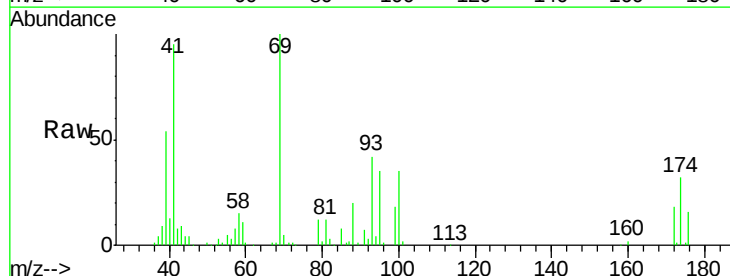
RT: 9.29 min Scan# 1264

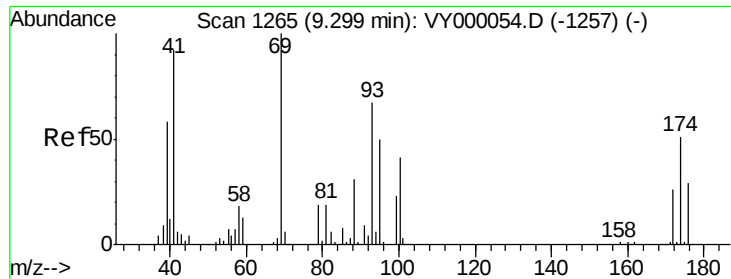
Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Tgt Ion:	41	Resp:	41654
Ion	Ratio	Lower	Upper
41	100		
69	97.9	78.1	117.1
39	61.1	49.4	74.0





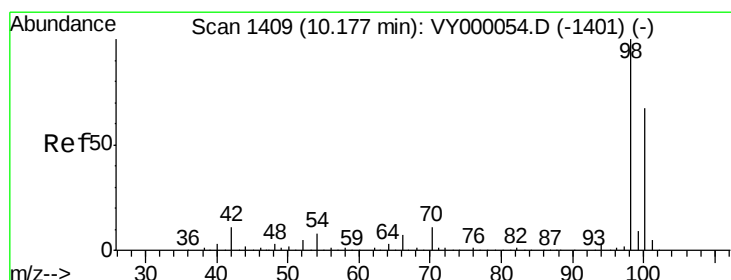
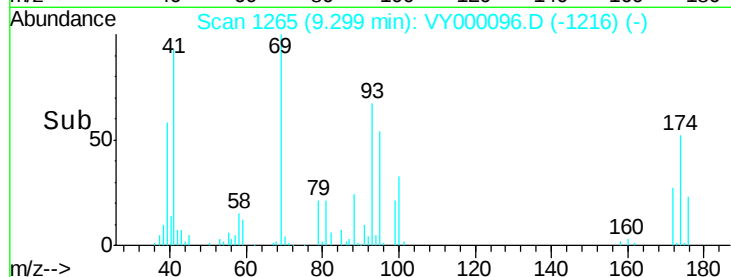
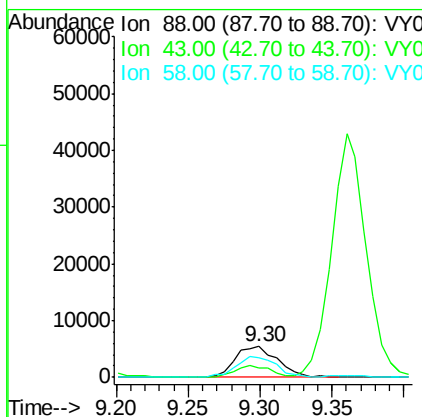
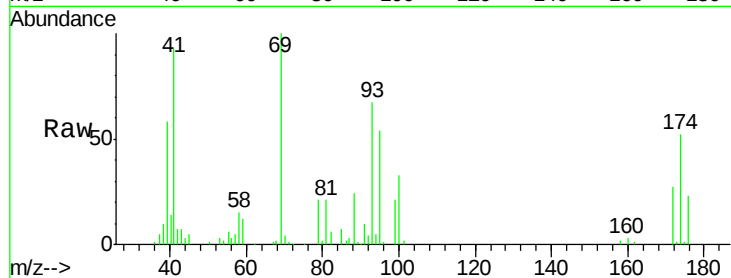
#49
1,4-Dioxane
Concen: 831.884 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	11210
Ion	Ratio	Lower	Upper
88	100		
43	32.8	18.7	28.1#
58	64.4	53.0	79.6

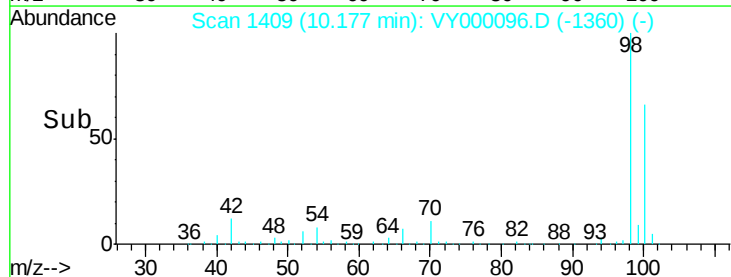
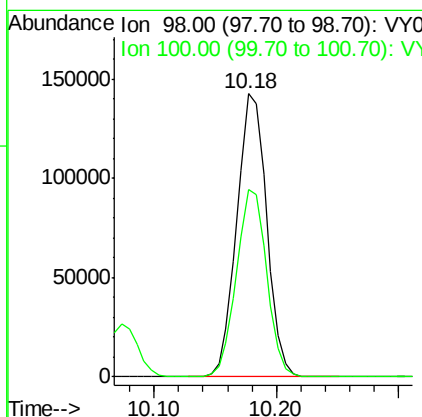
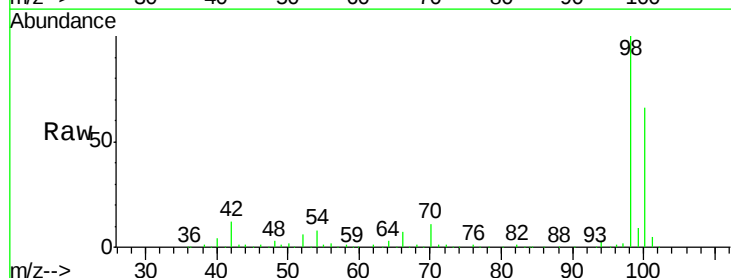
Manual Integrations
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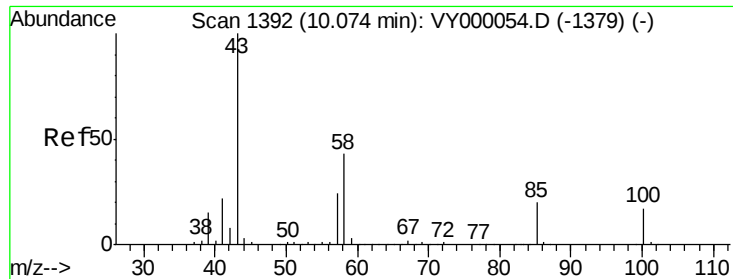
MMDadoda
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#50
Toluene-d8
Concen: 51.220 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	98	Resp	241932
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 244.568 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 258523

Ion Ratio Lower Upper

43 100

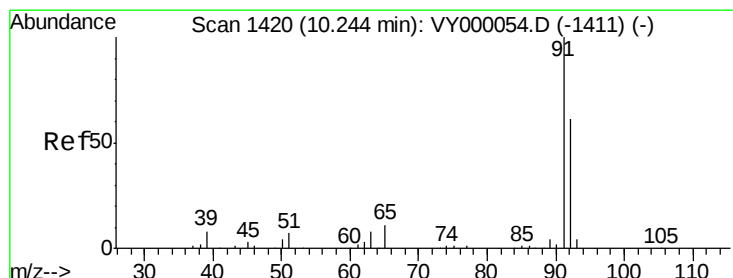
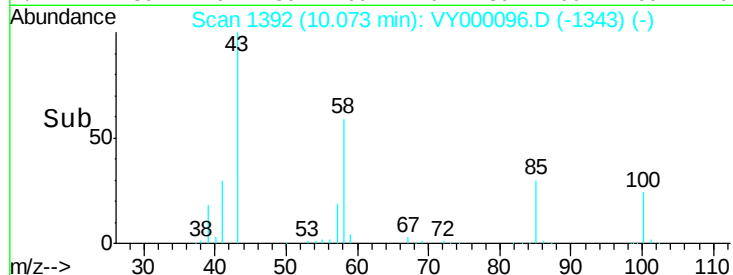
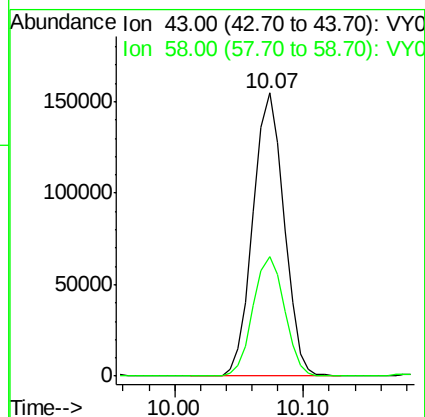
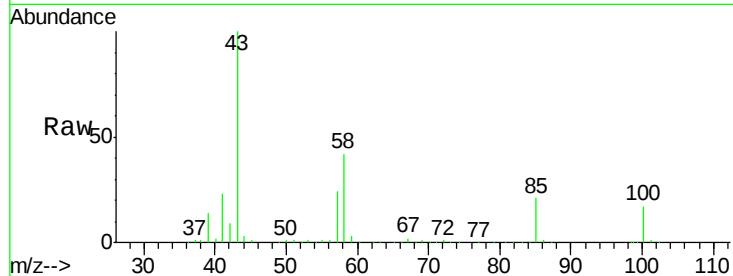
58 42.7 34.2 51.2

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#52

Toluene

Concen: 50.132 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000096.D

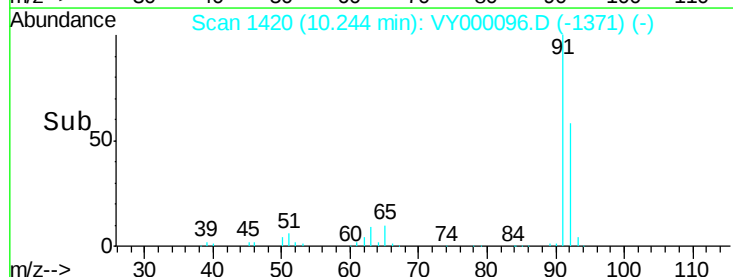
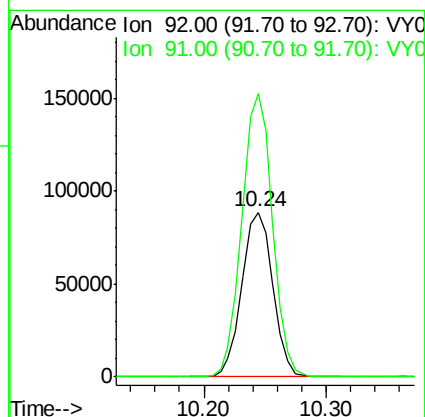
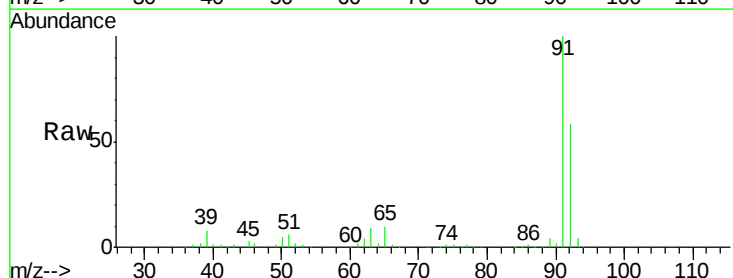
Acq: 20 Sep 2019 10:07

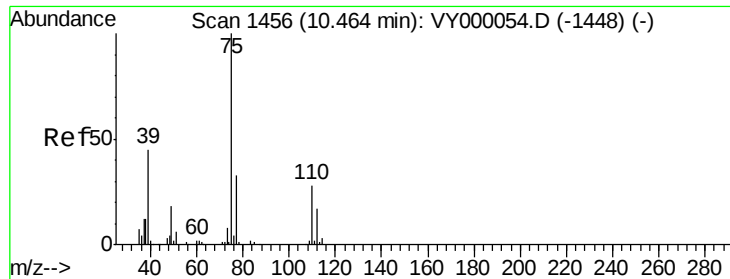
Tgt Ion: 92 Resp: 156234

Ion Ratio Lower Upper

92 100

91 169.1 135.8 203.6





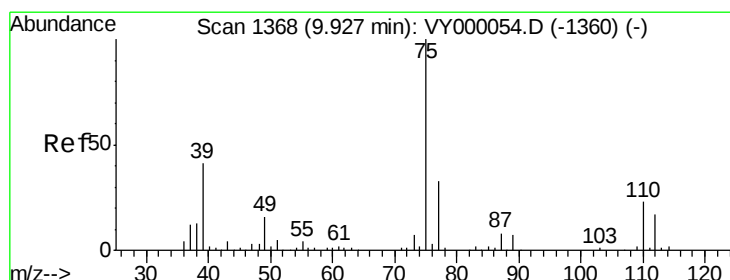
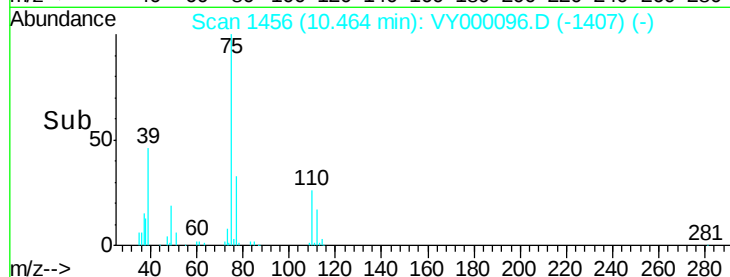
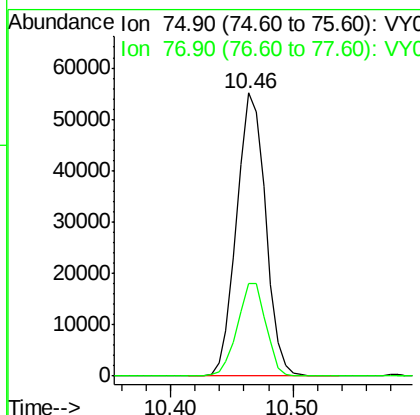
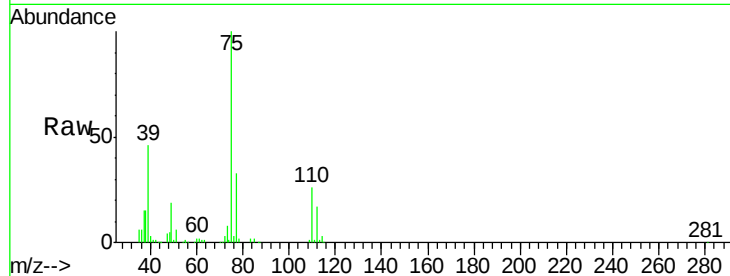
#53
t-1,3-Dichloropropene
Concen: 50.701 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.2

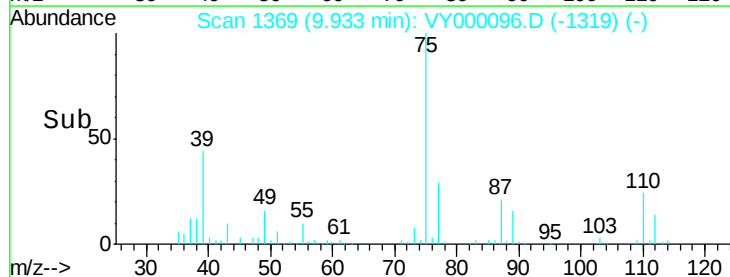
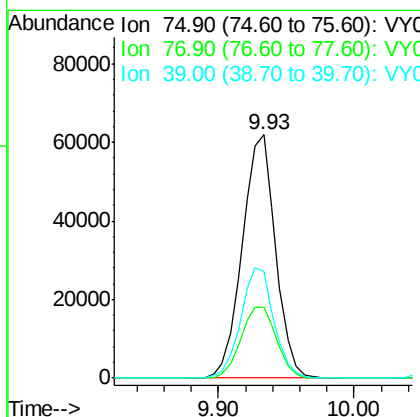
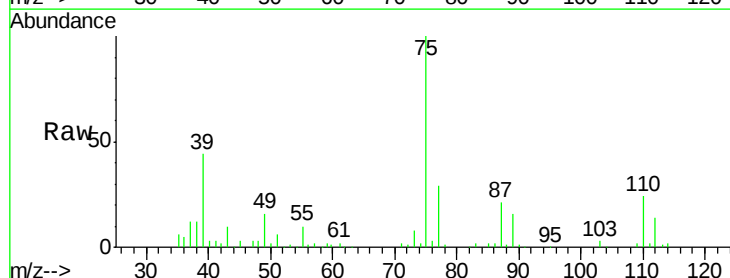
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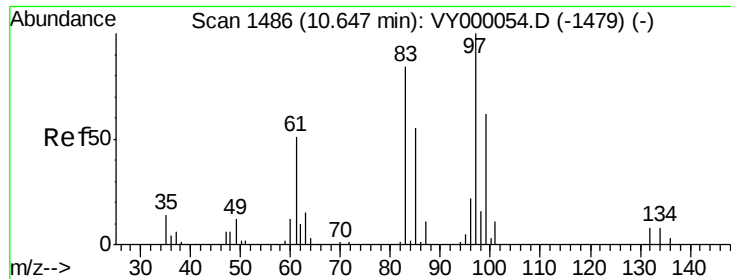
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.137 ug/l
RT: 9.93 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.1	26.1	39.1
39	44.0	33.1	49.7





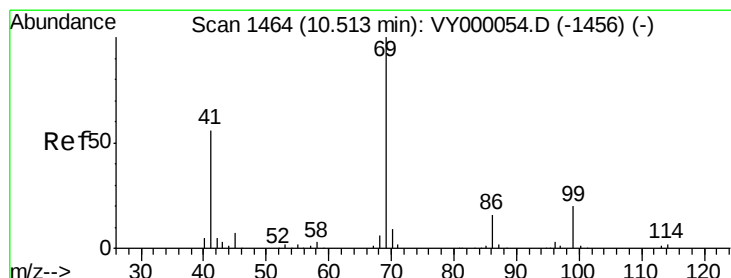
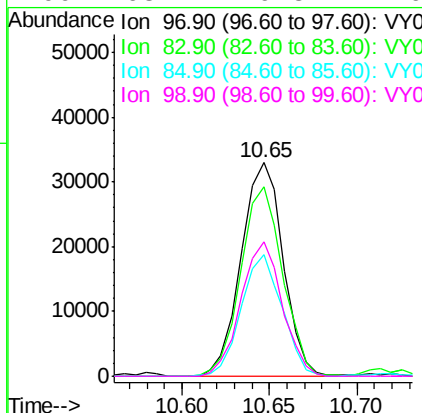
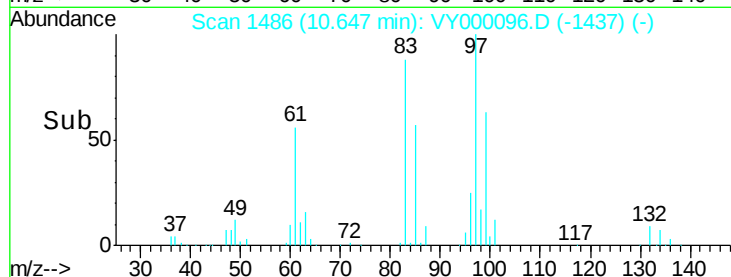
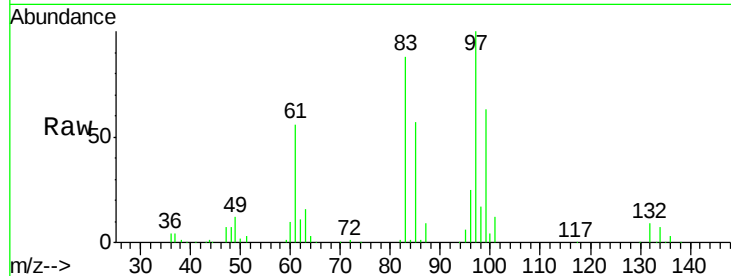
#55
1,1,2-Trichloroethane
Concen: 50.709 ug/l
RT: 10.65 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	97	Resp	55178
Ion	Ratio	Lower	Upper
97	100		
83	88.3	67.3	100.9
85	57.0	43.6	65.4
99	63.1	49.8	74.6

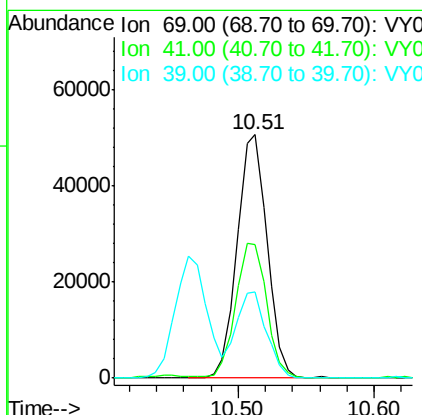
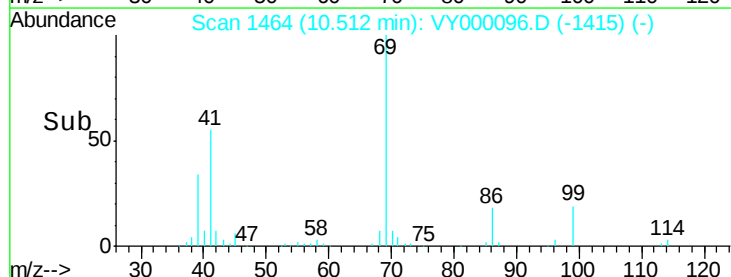
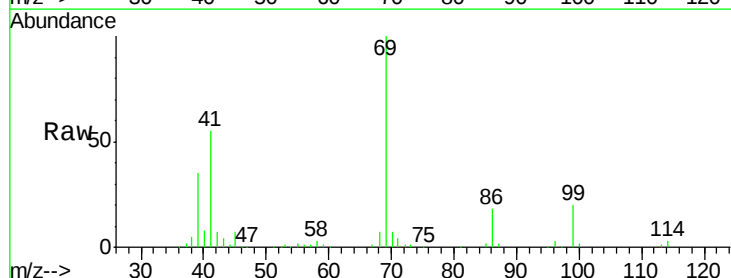
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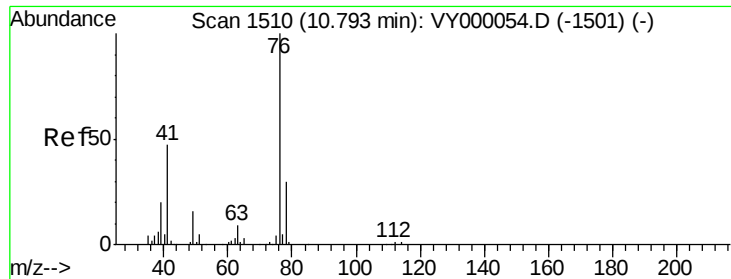
MMDadoda
9/24/2019 5:32:22 AM



#56
Ethyl methacrylate
Concen: 50.412 ug/l
RT: 10.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	69	Resp	78056
Ion	Ratio	Lower	Upper
69	100		
41	57.6	45.6	68.4
39	36.0	27.3	40.9





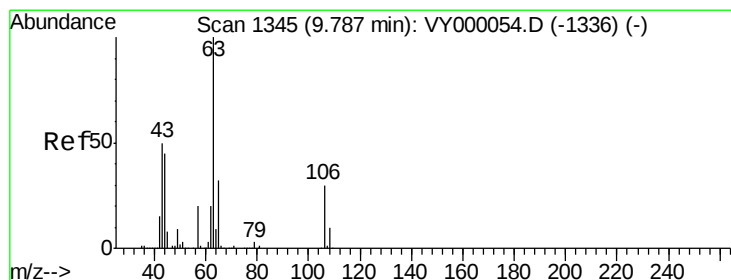
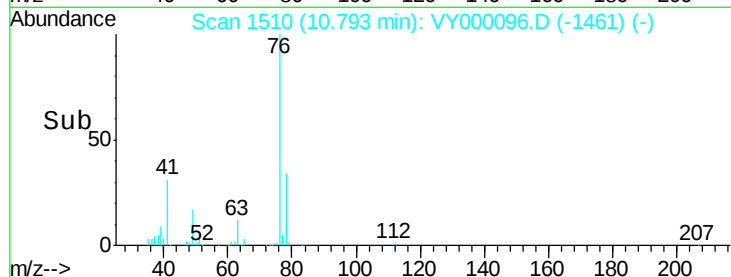
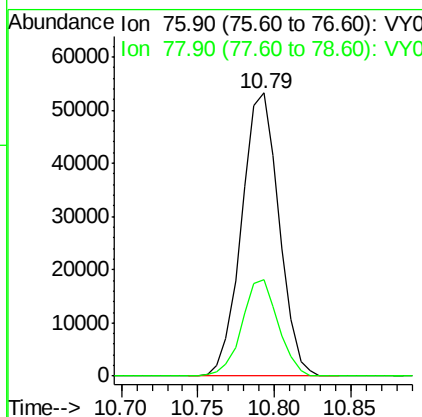
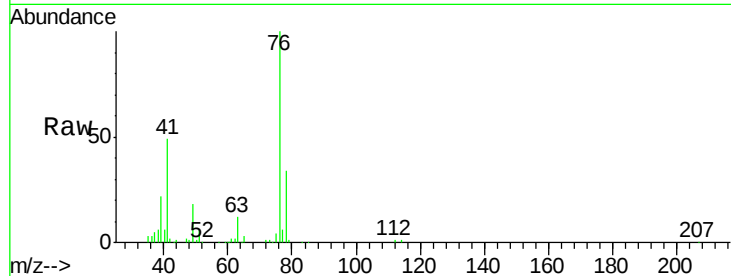
#57
 1,3-Dichloropropane
 Concen: 49.485 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.6	40.0

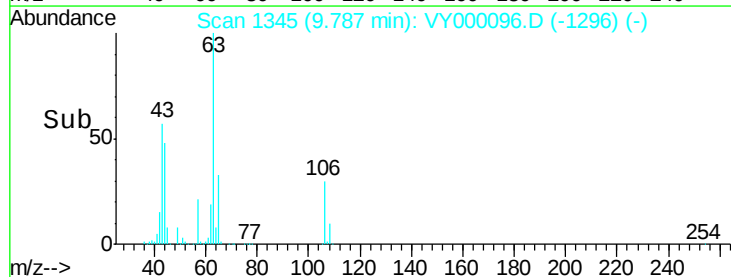
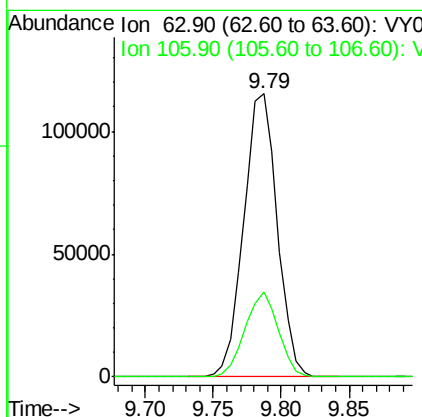
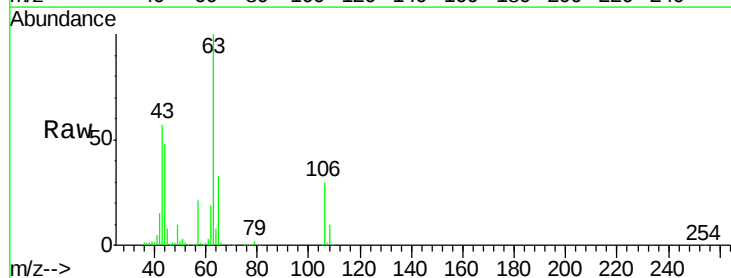
Manual Integrations
 APPROVED

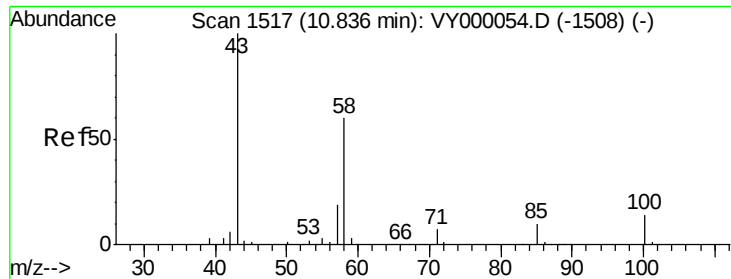
MMDadoda
 9/24/2019 5:32:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.484 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.3	34.9





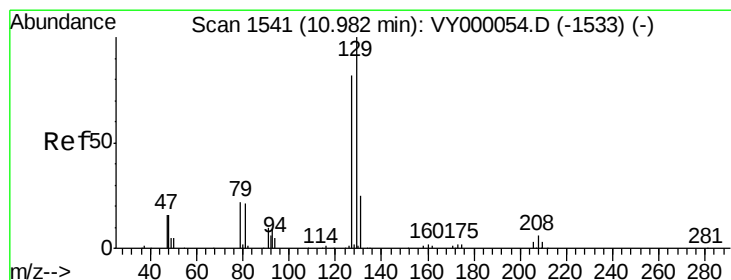
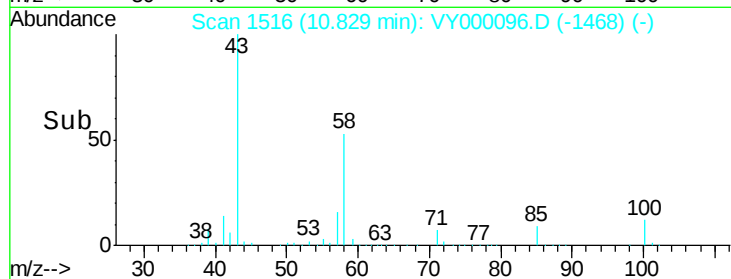
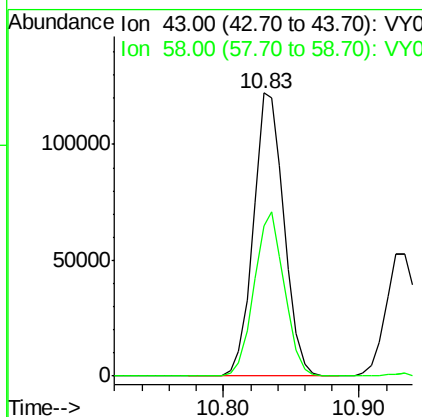
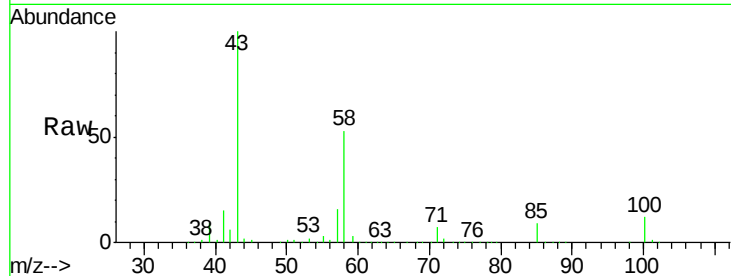
#59
2-Hexanone
Concen: 255.664 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 192801
Ion Ratio Lower Upper
43 100
58 57.1 29.9 89.7

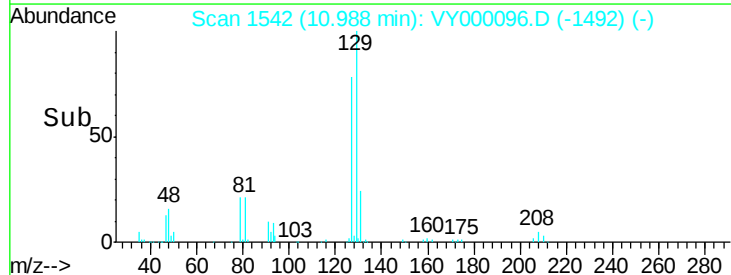
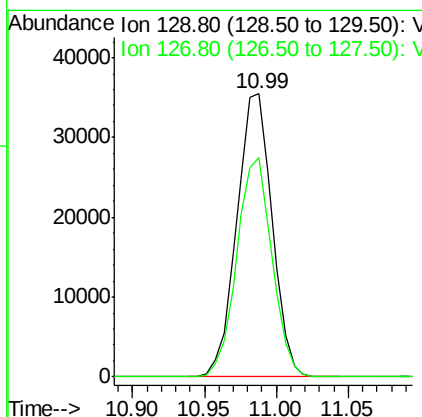
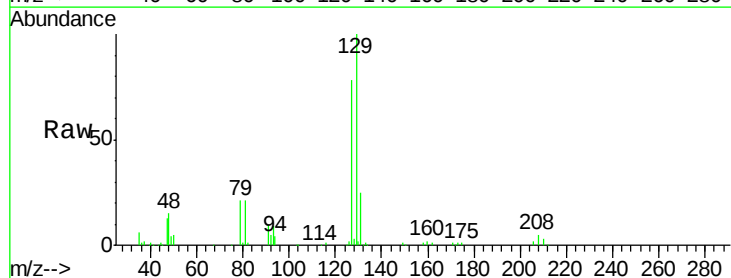
Manual Integrations
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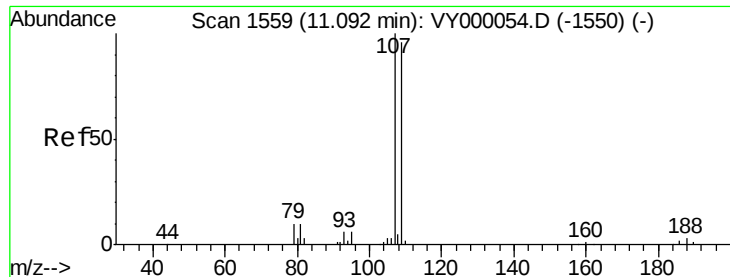
MMDadoda
9/24/2019 5:32:22 AM



#60
Dibromochloromethane
Concen: 52.971 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion: 129 Resp: 60385
Ion Ratio Lower Upper
129 100
127 77.1 40.2 120.6





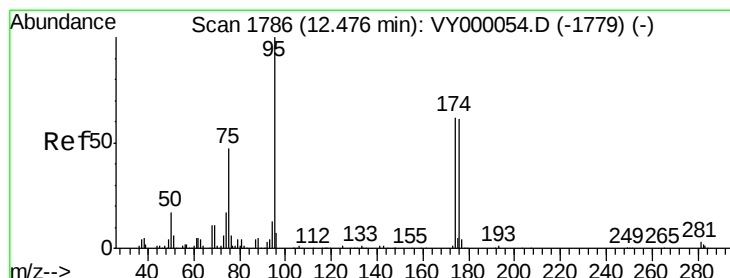
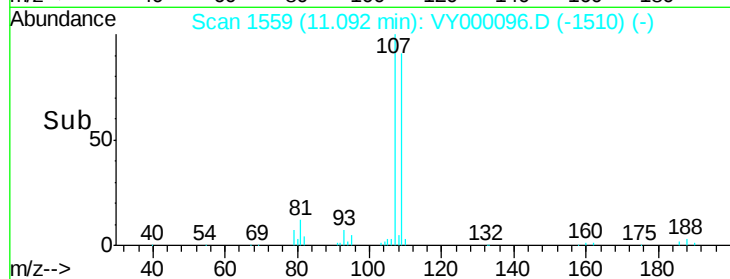
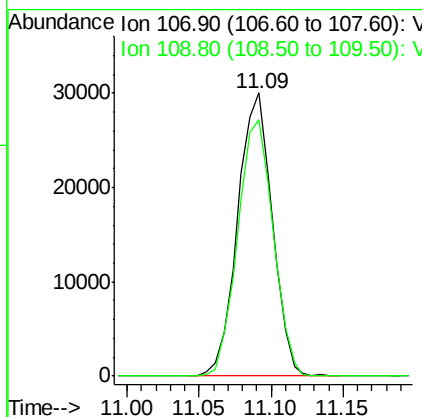
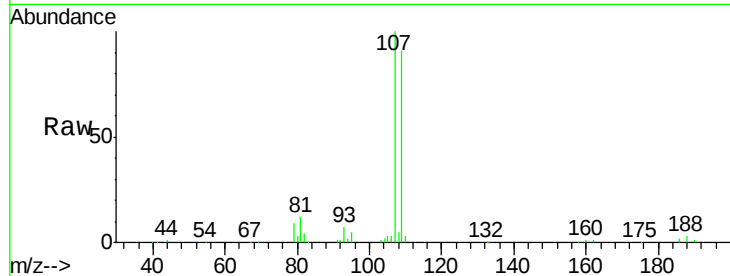
#61
 1,2-Dibromoethane
 Concen: 50.319 ug/l
 RT: 11.09 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.0	112.6

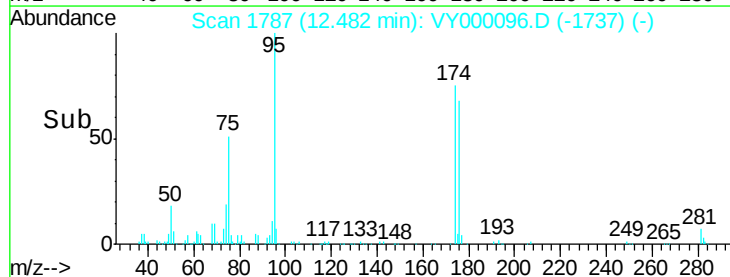
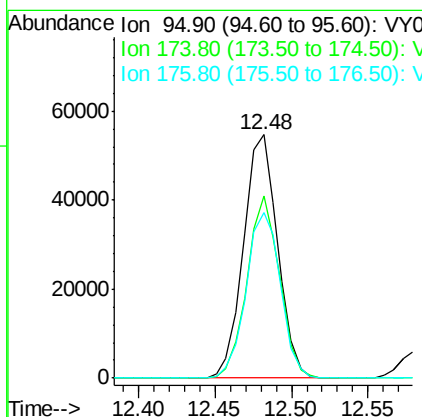
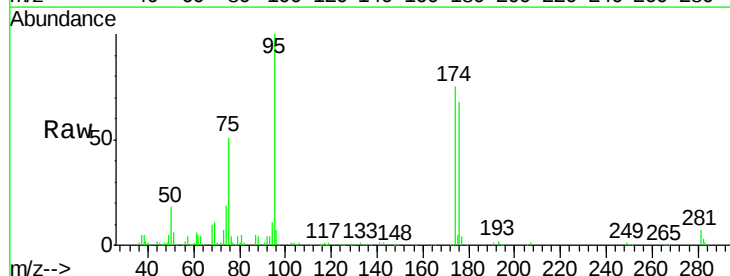
Manual Integrations
 APPROVED

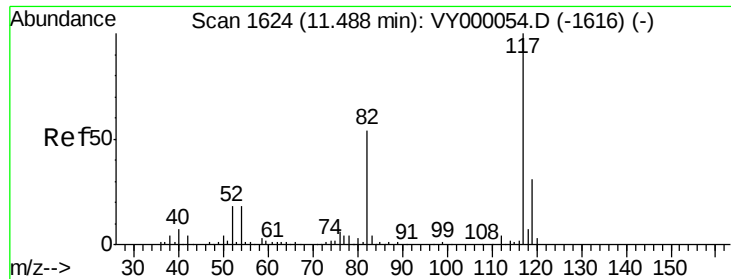
MMDadoda
 9/24/2019 5:32:22 AM



#62
 4-Bromofluorobenzene
 Concen: 48.215 ug/l
 RT: 12.48 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	137.2
176	68.7	0.0	135.0





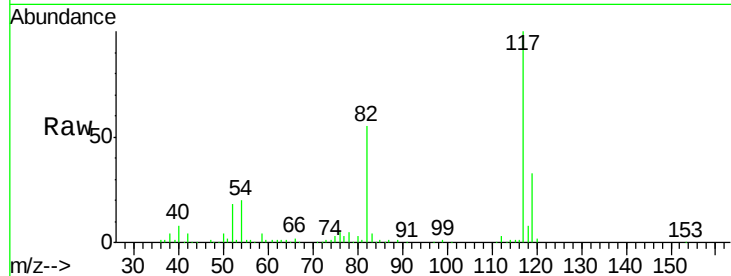
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

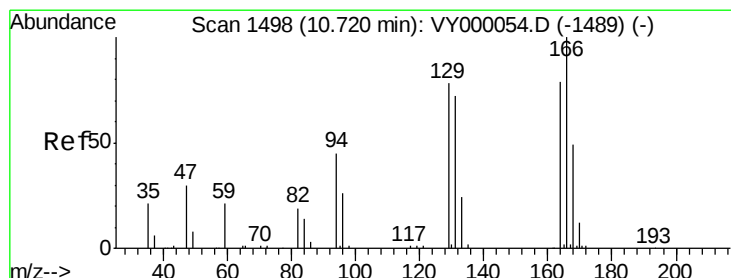
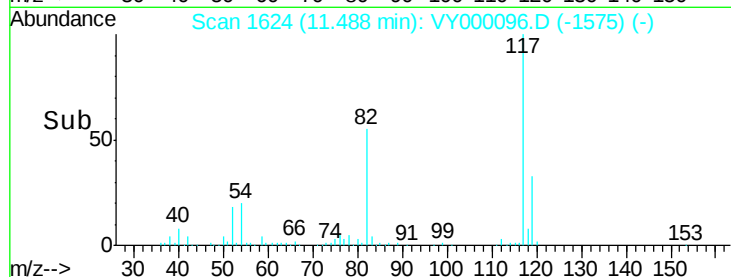
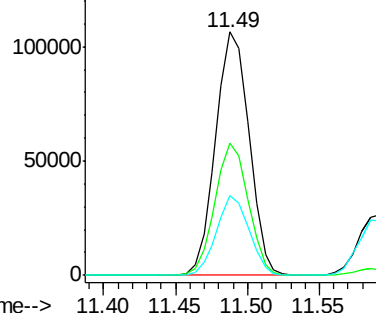
Tot Ion	Ratio	Resp	Lower	Upper
117	100	171525		
82	54.5	43.5	65.3	
119	32.9	24.6	36.8	

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:22 AM



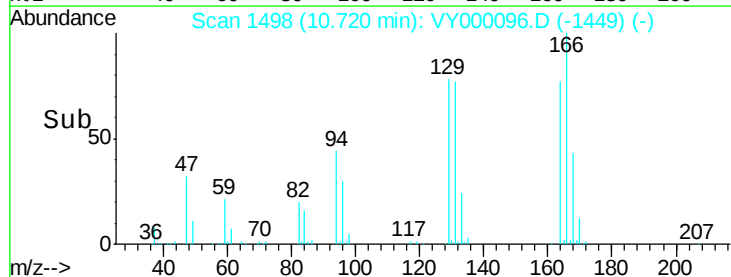
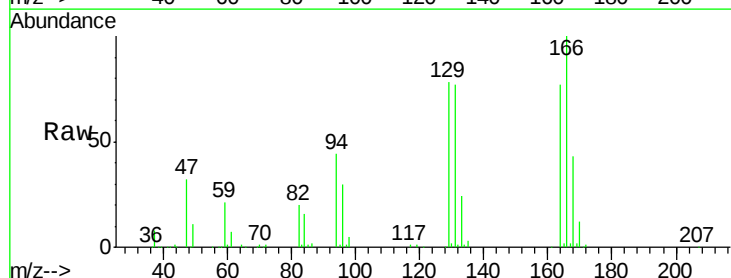
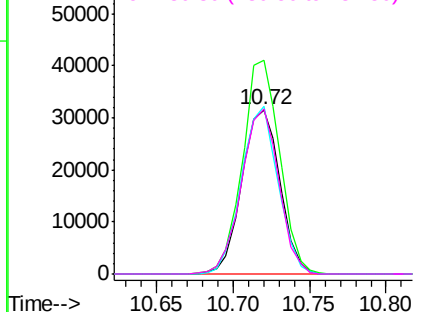
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

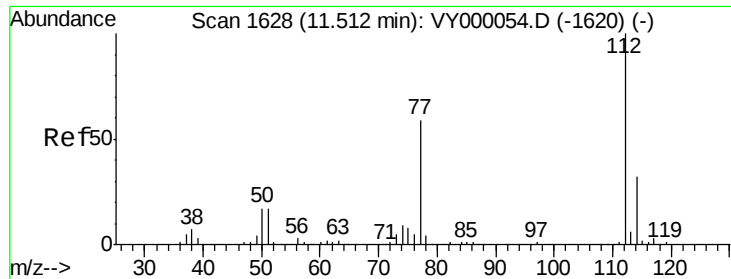


#64
Tetrachloroethene
Concen: 50.662 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54541		
166	129.9	100.9	151.3	
129	101.8	78.4	117.6	
131	100.3	72.2	108.2	

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.495 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 171321

Ion Ratio Lower Upper

112 100

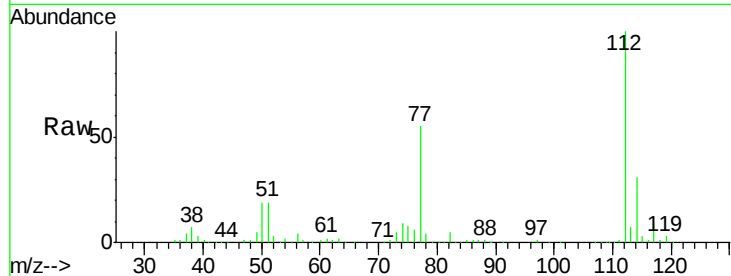
114 31.0 25.6 38.4

Manual Integrations

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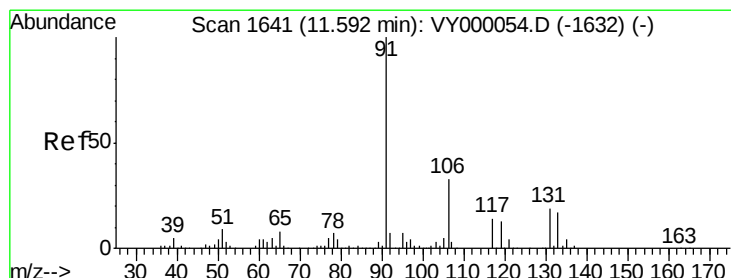
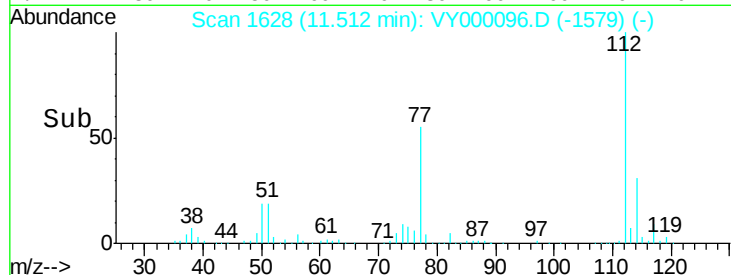
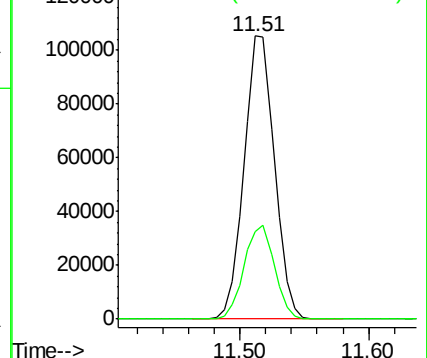
MMDadoda

9/24/2019 5:32:22 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.870 ug/l

RT: 11.59 min Scan# 1640

Delta R.T. -0.01 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

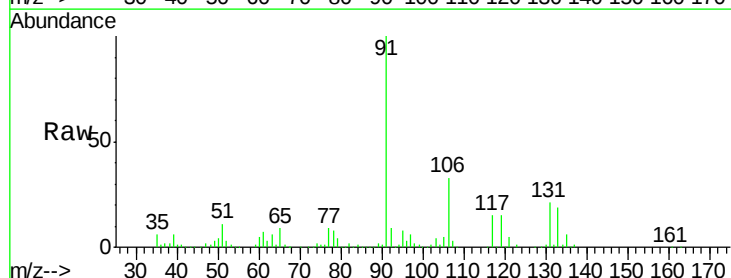
Tgt Ion:131 Resp: 59503

Ion Ratio Lower Upper

131 100

133 93.7 46.6 139.8

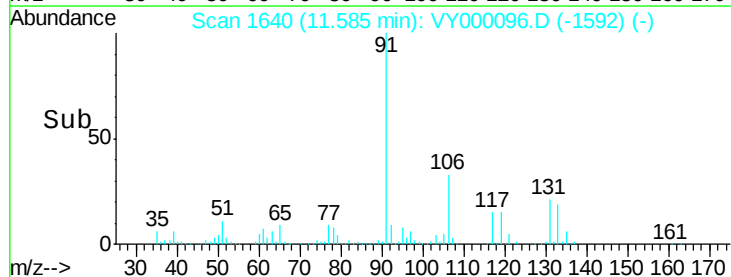
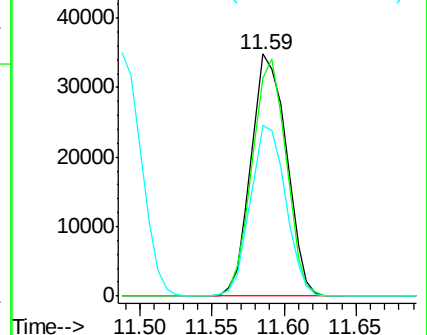
119 69.9 36.2 108.6

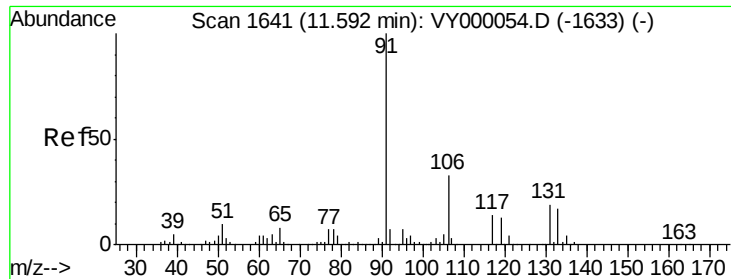


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





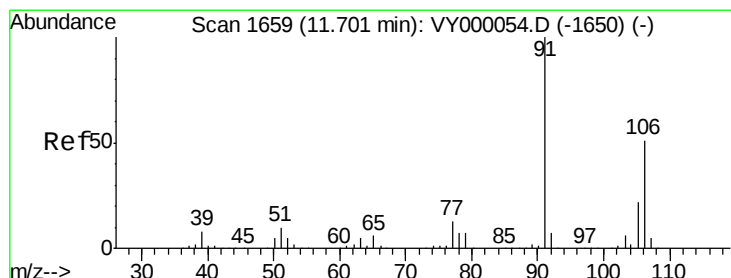
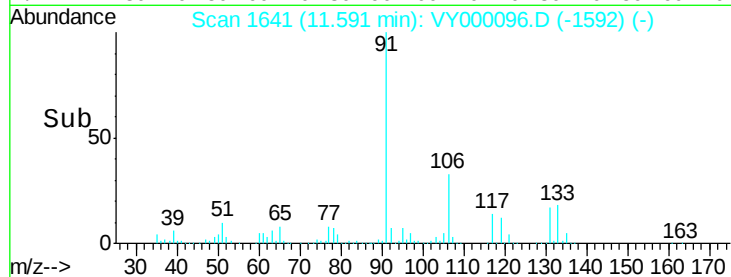
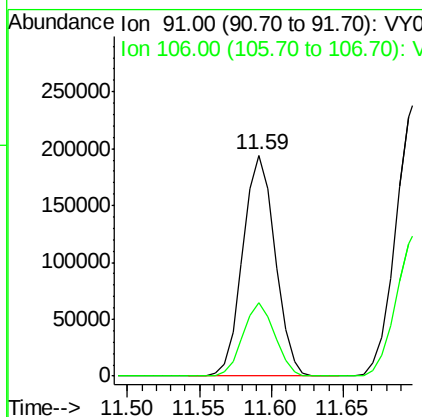
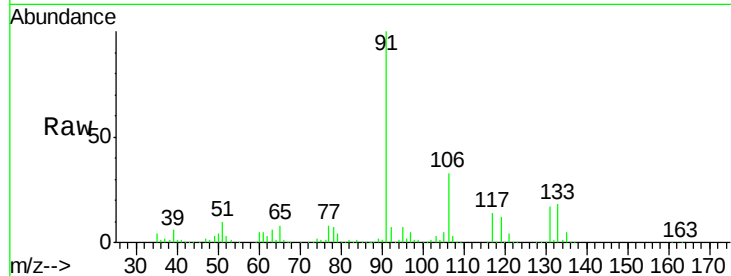
#67
Ethyl Benzene
Concen: 49.906 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 302181
Ion Ratio Lower Upper
91 100
106 33.0 26.6 40.0

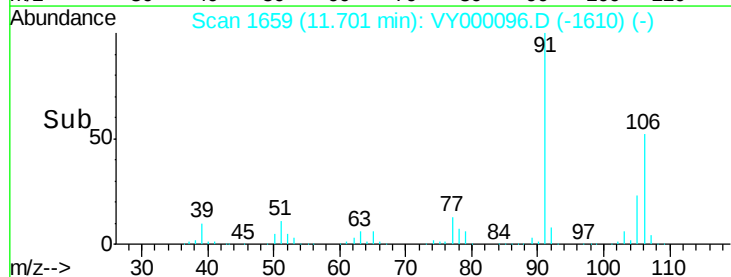
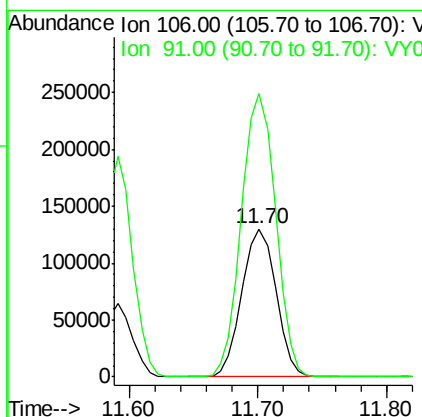
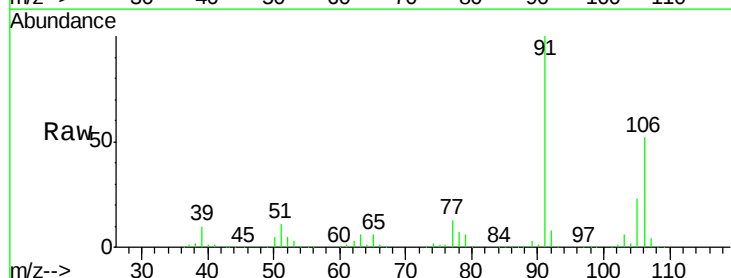
Manual Integrations
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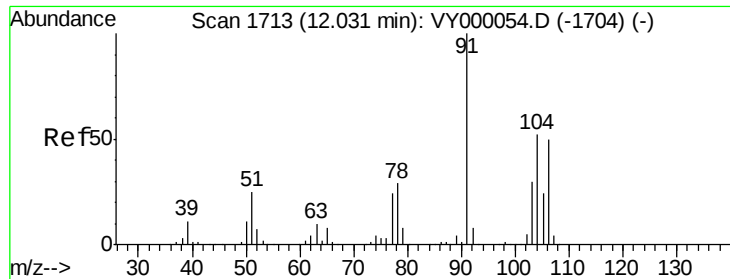
MMDadoda
9/24/2019 5:32:22 AM



#68
m/p-Xylenes
Concen: 103.735 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion: 106 Resp: 239000
Ion Ratio Lower Upper
106 100
91 192.1 154.5 231.7





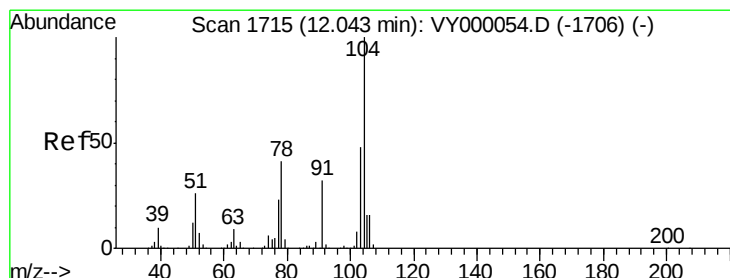
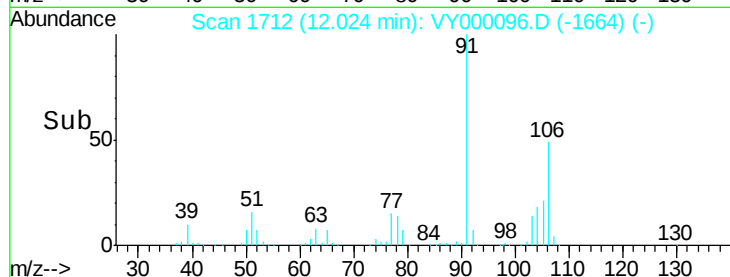
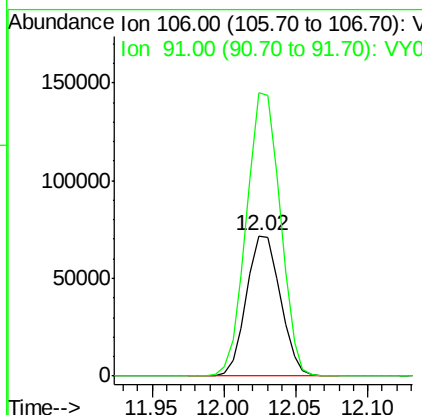
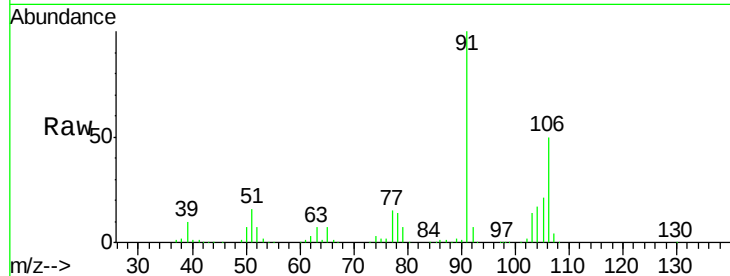
#69
o-Xylene
Concen: 52.369 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	116828		
91	201.8	103.5	310.3	

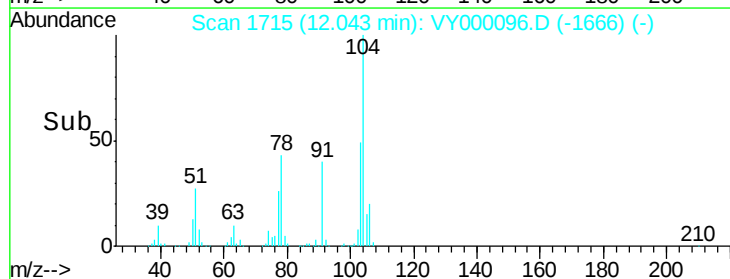
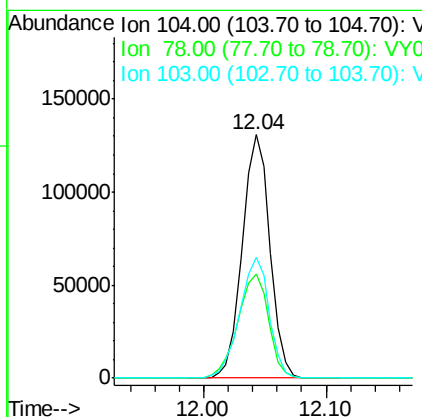
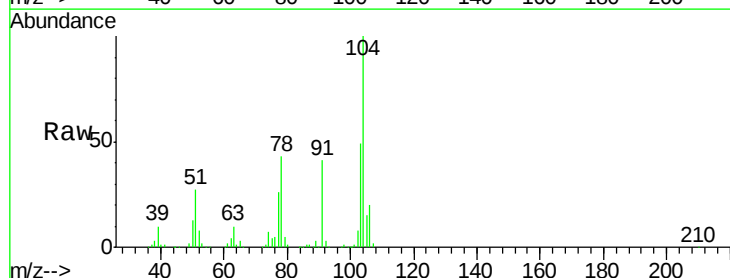
Manual Integrations
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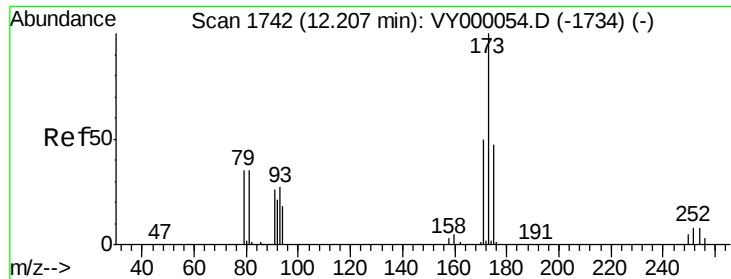
MMDadoda
9/24/2019 5:32:22 AM



#70
Styrene
Concen: 52.258 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	204659		
78	47.5	37.7	56.5	
103	53.0	42.2	63.4	





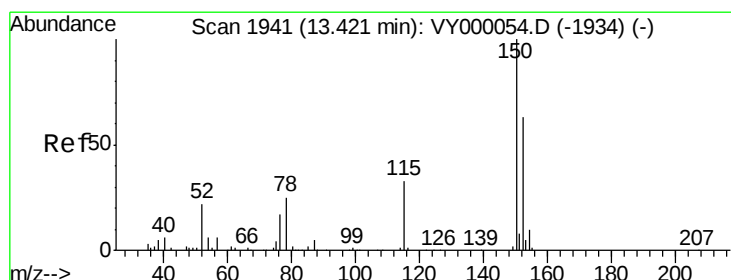
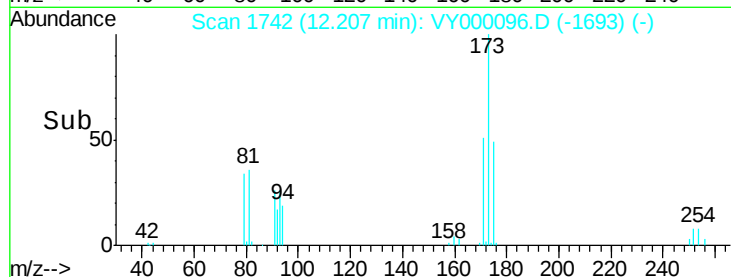
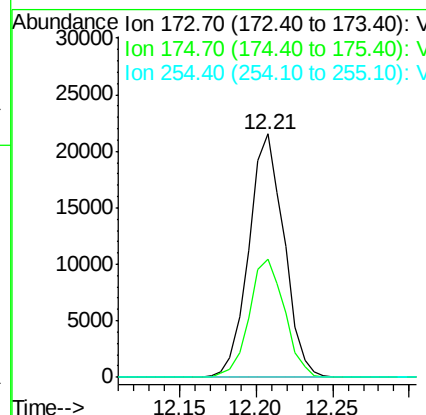
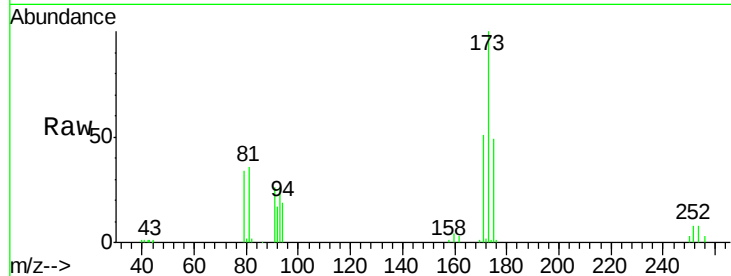
#71
Bromoform
Concen: 51.801 ug/l
RT: 12.21 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.6	71.0
254	0.0	0.0	0.0

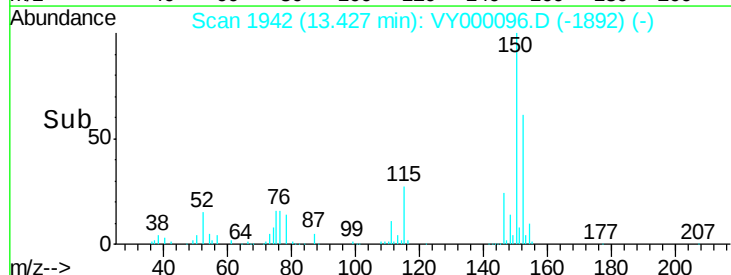
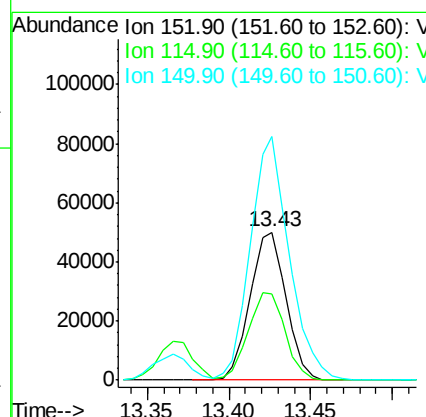
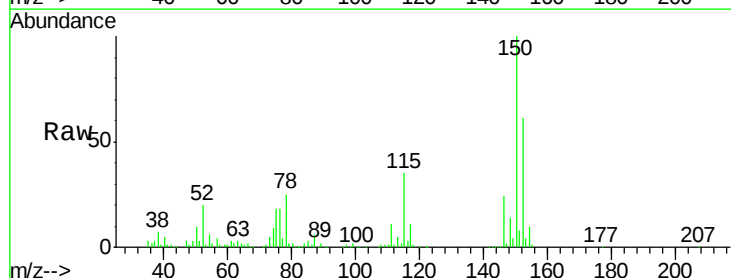
Manual Integrations
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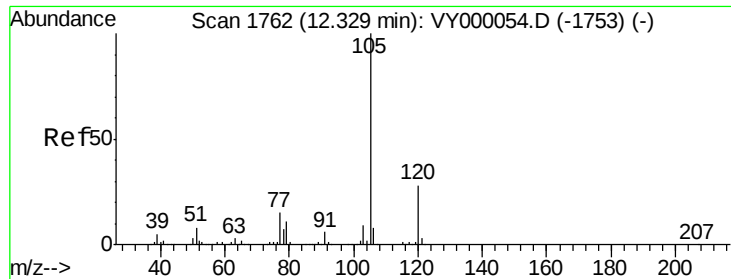
MMDadoda
9/24/2019 5:32:22 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.7	92.1
150	177.1	0.0	351.6





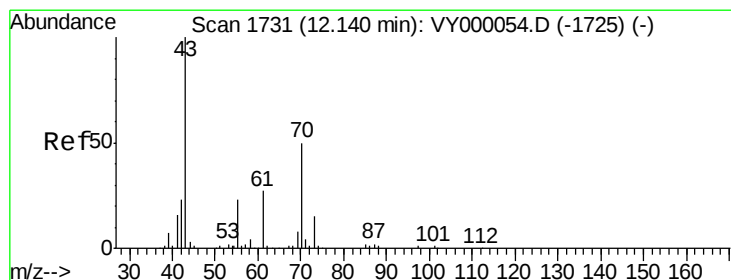
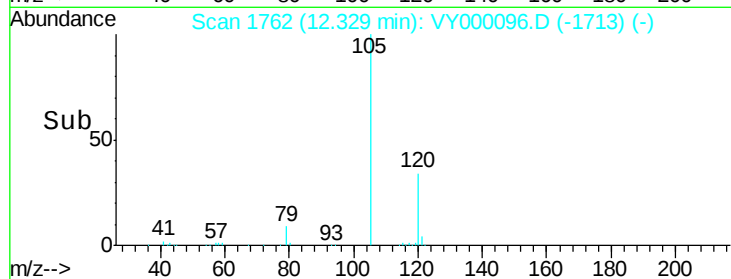
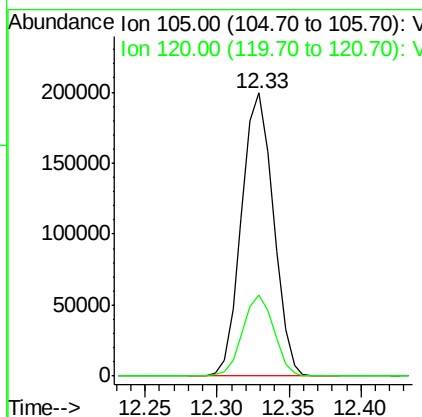
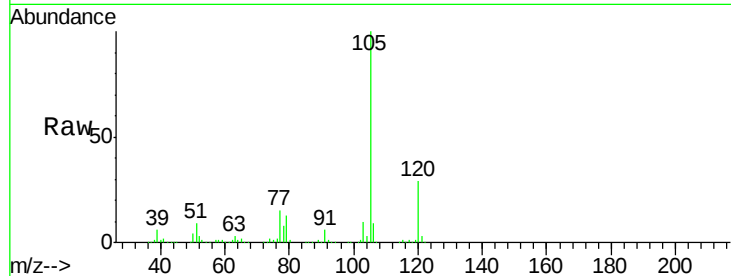
#73
Isopropylbenzene
Concen: 49.562 ug/l
RT: 12.33 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.9	41.7

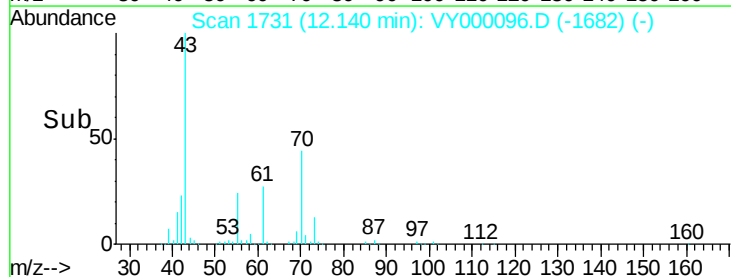
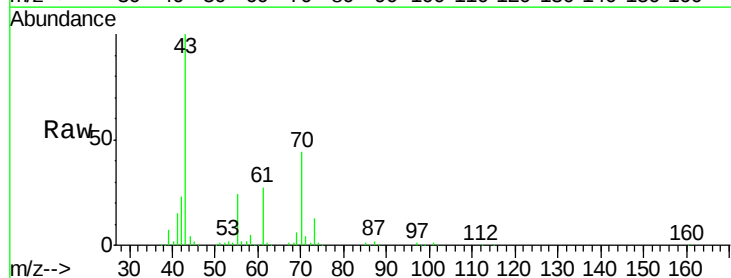
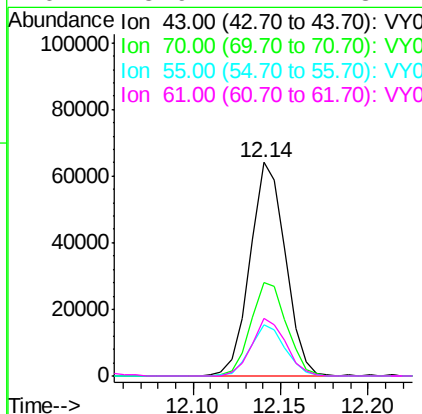
Manual Integrations
APPROVED

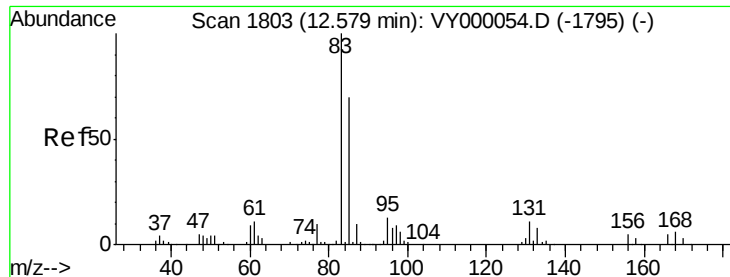
MMDadoda
9/24/2019 5:32:22 AM



#74
N-ethyl acetate
Concen: 50.878 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.5	38.8	58.2
55	23.7	18.8	28.2
61	25.9	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.167 ug/l

RT: 12.59 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

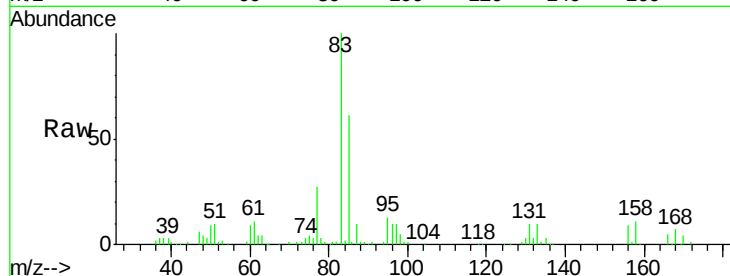
ClientSampleId :

VSTDCCC050

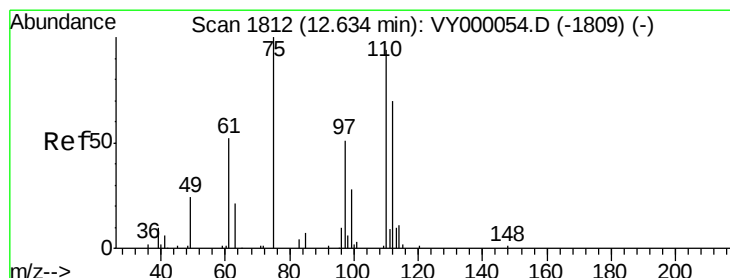
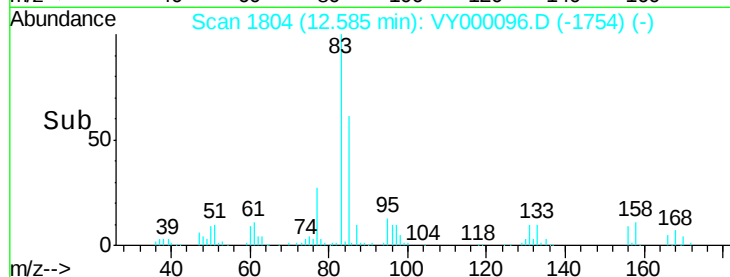
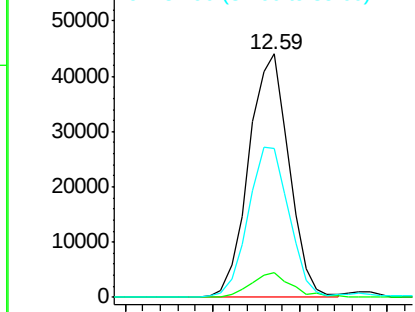
Tot Ion:	83	Resp:	70347
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	62.5	32.5	97.4

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 40.268 ug/l m

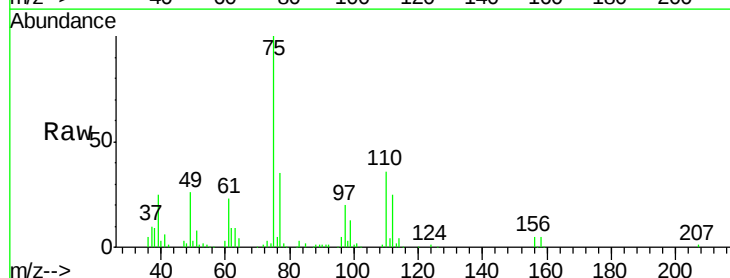
RT: 12.63 min Scan# 1812

Delta R.T. -0.00 min

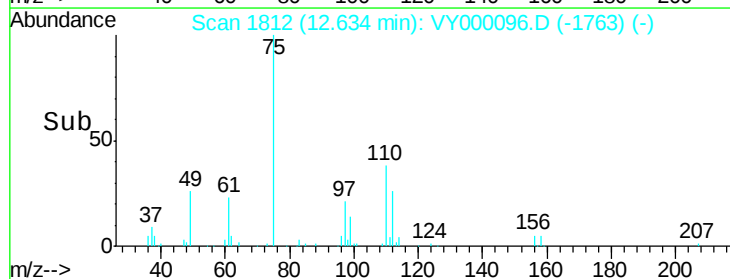
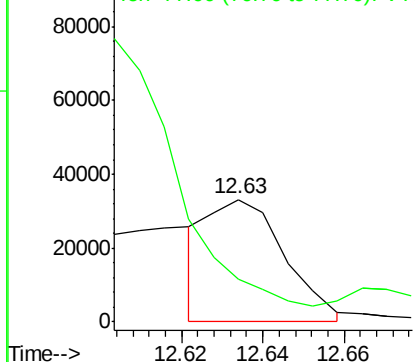
Lab File: VY000096.D

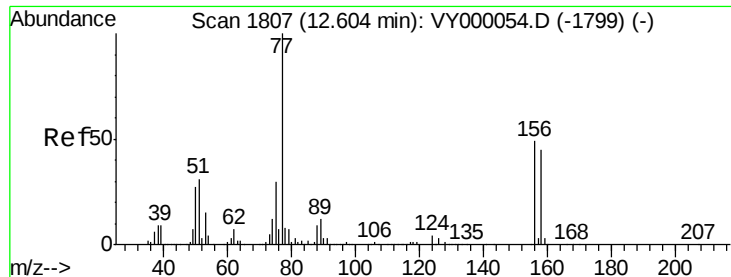
Acq: 20 Sep 2019 10:07

Tgt Ion:	75	Resp:	43618
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.789 ug/l

RT: 12.61 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 65799

Ion Ratio Lower Upper

156 100

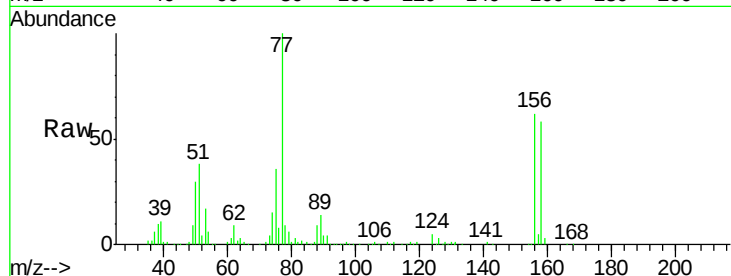
77 207.2 109.7 329.0

158 96.5 48.0 144.2

Manual Integrations
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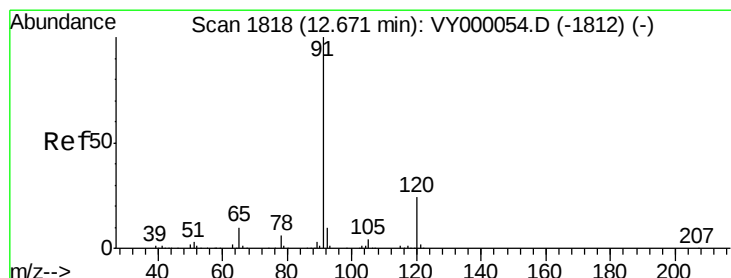
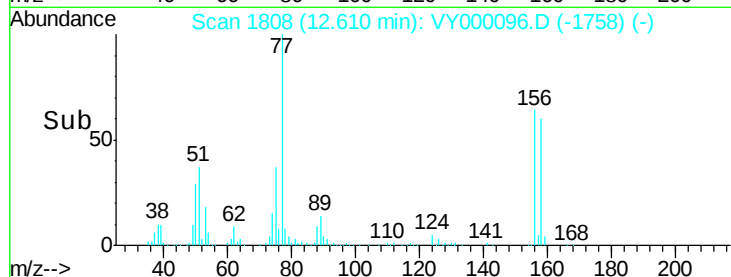
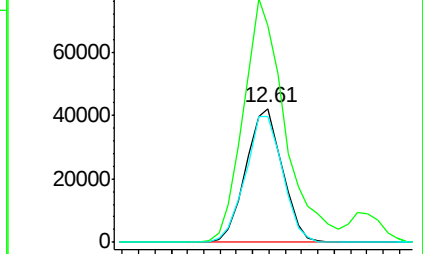
9/24/2019 5:32:22 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.691 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY000096.D

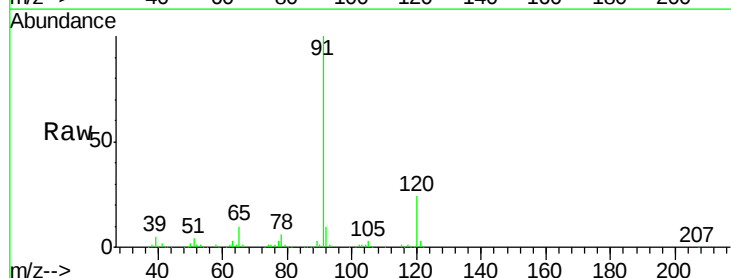
Acq: 20 Sep 2019 10:07

Tgt Ion: 91 Resp: 376068

Ion Ratio Lower Upper

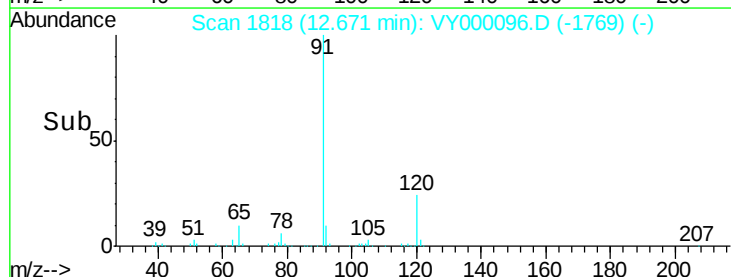
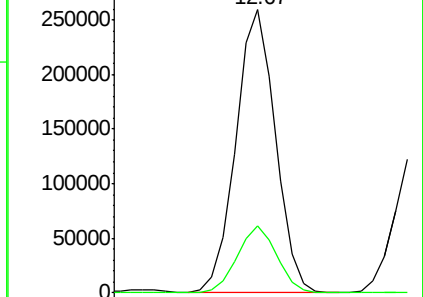
91 100

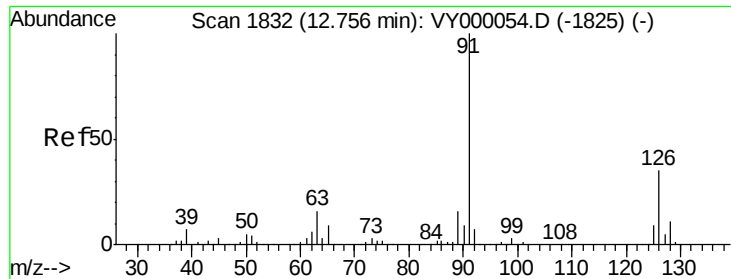
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.253 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 208392

Ion Ratio Lower Upper

91 100

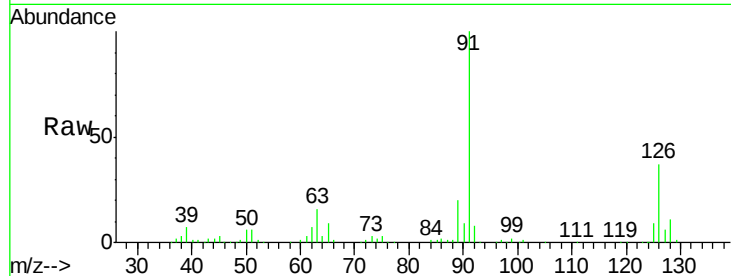
126 35.1 17.2 51.5

Manual Integrations

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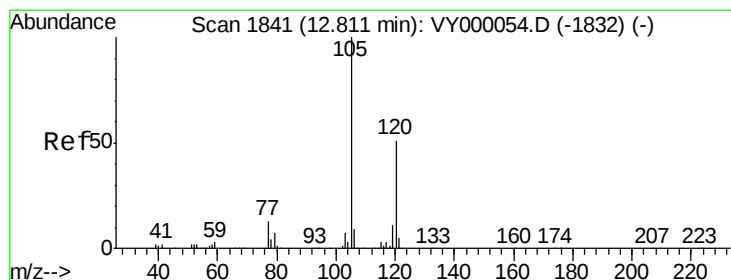
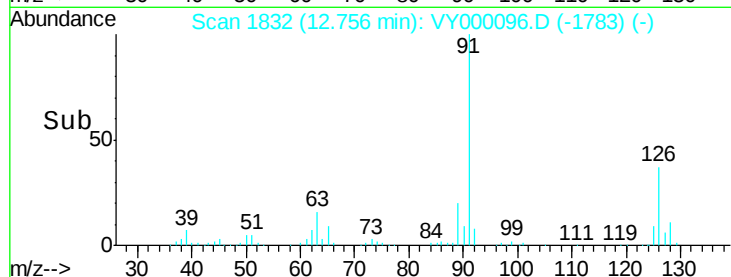
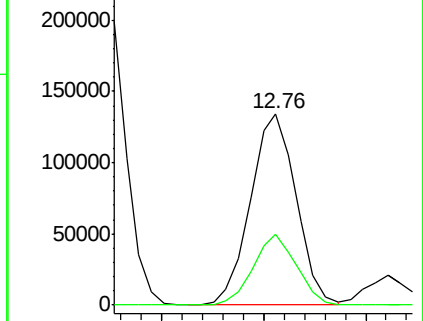
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Abundance Ion 91.00 (90.70 to 91.70): VY000054.D (-1825) (-)

Ion 125.90 (125.60 to 126.60): VY000054.D (-1825) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.448 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000096.D

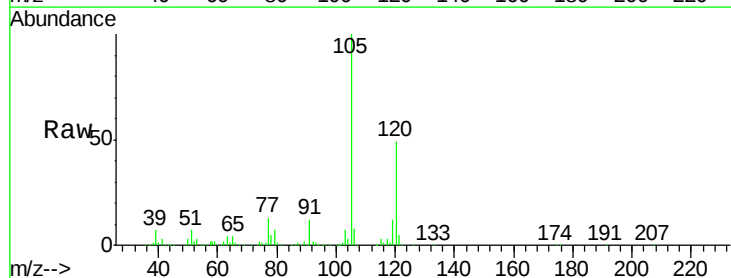
Acq: 20 Sep 2019 10:07

Tgt Ion:105 Resp: 259275

Ion Ratio Lower Upper

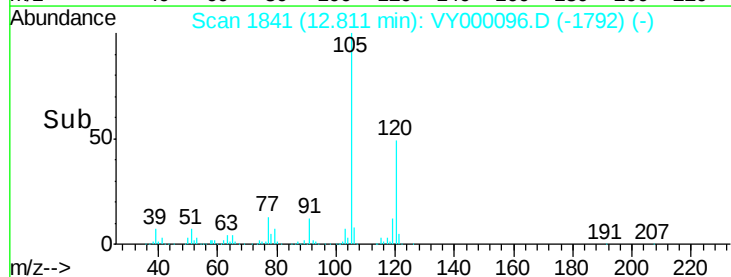
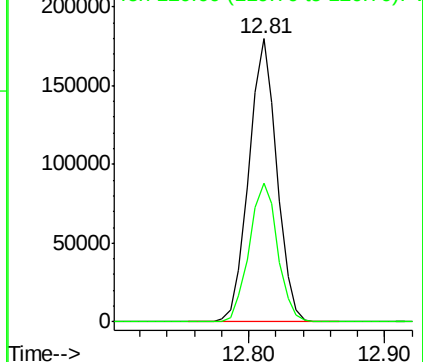
105 100

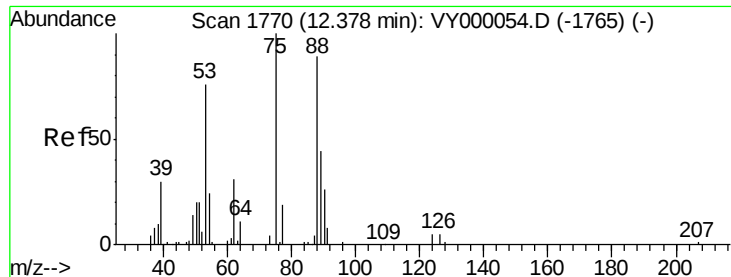
120 49.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY000054.D (-1832) (-)

Ion 120.00 (119.70 to 120.70): VY000054.D (-1832) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.960 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

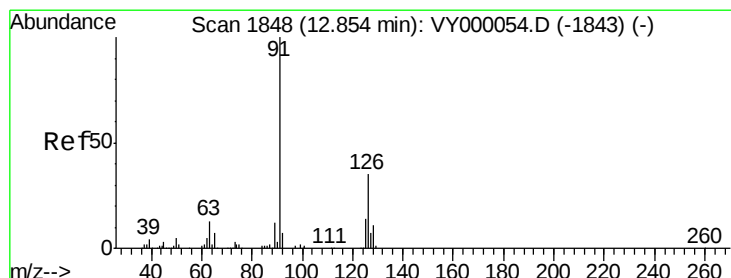
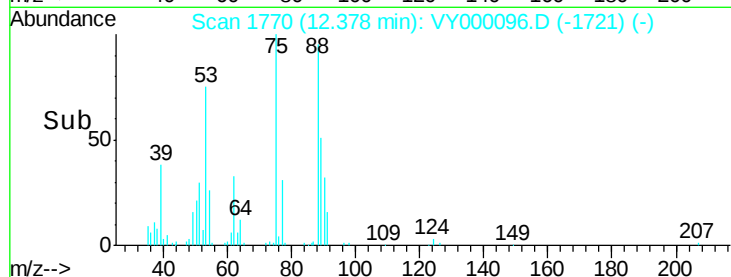
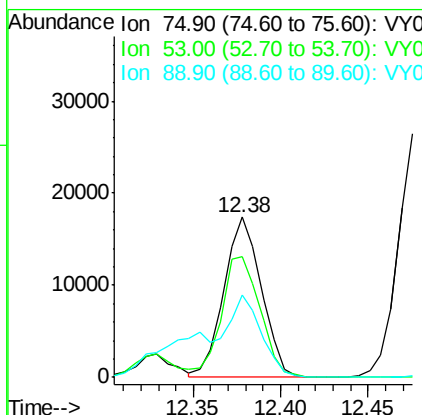
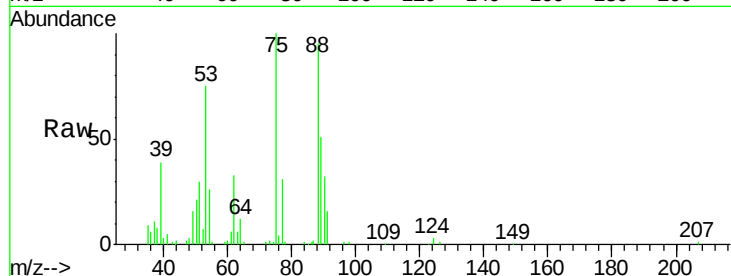
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	25885
Ion Ratio	Lower	Upper	
75	100		
53	78.1	60.9	91.3
89	47.5	35.3	52.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.947 ug/l

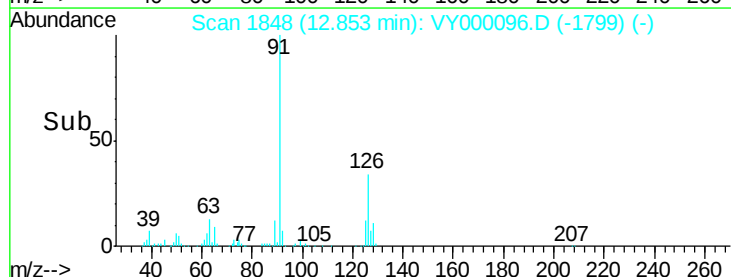
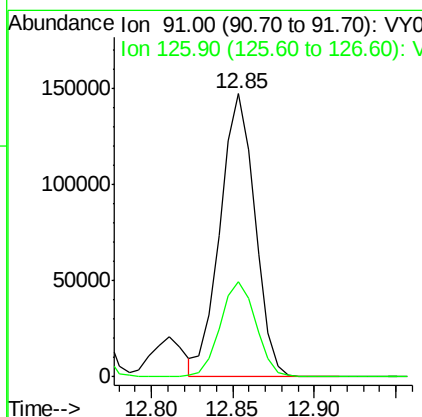
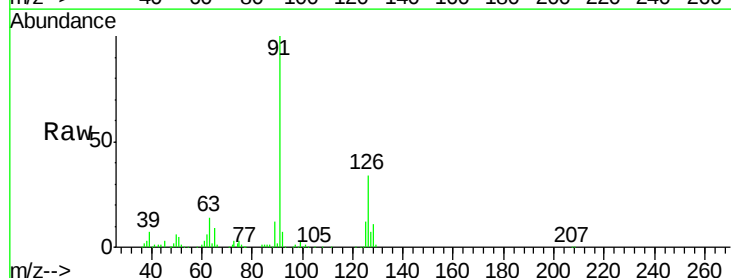
RT: 12.85 min Scan# 1848

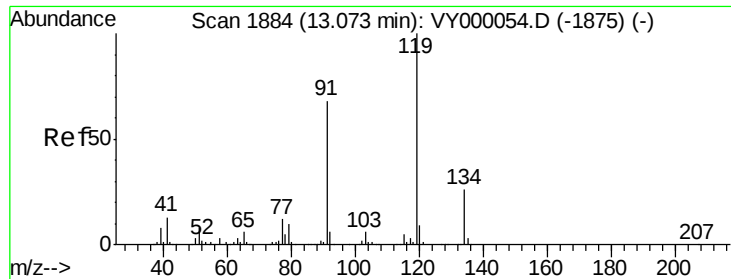
Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Tgt Ion:	91	Resp:	218518
Ion Ratio	Lower	Upper	
91	100		
126	34.4	16.7	50.1





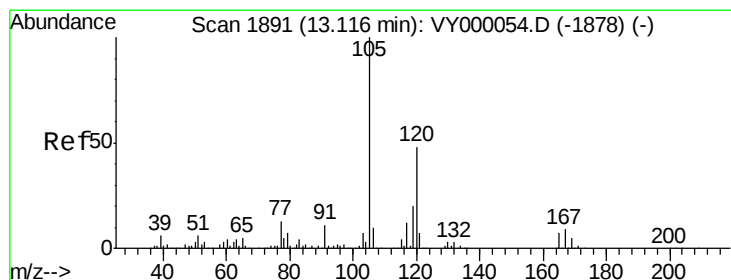
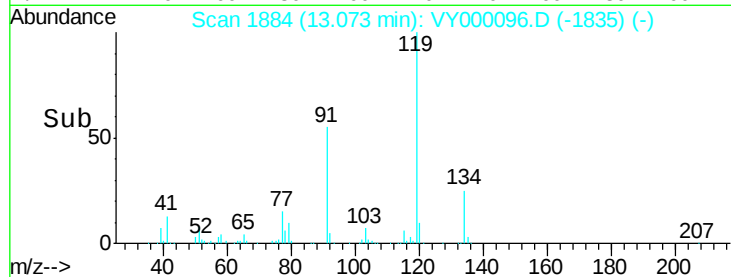
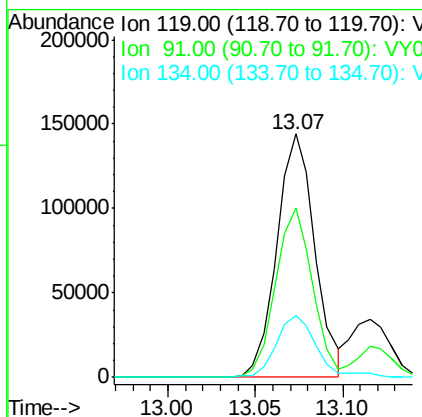
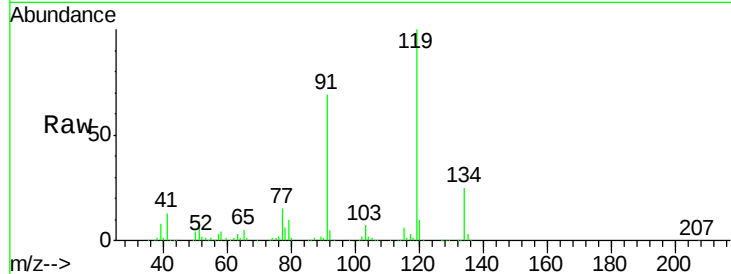
#83
tert-Butylbenzene
Concen: 49.819 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	219056		
91	67.4		33.4	100.1
134	27.2		12.7	38.0

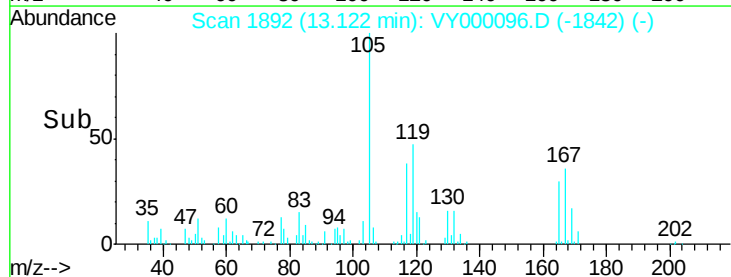
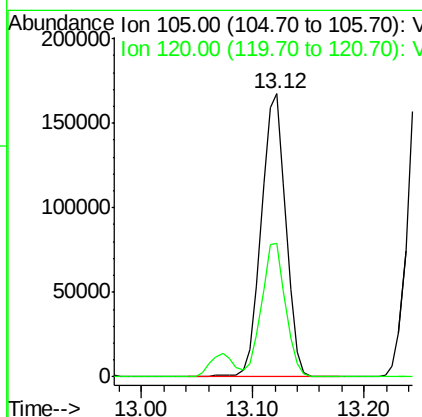
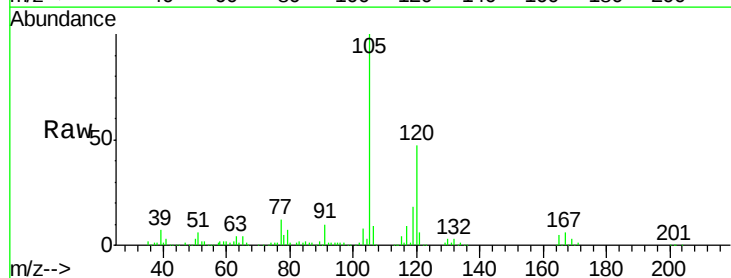
Manual Integrations
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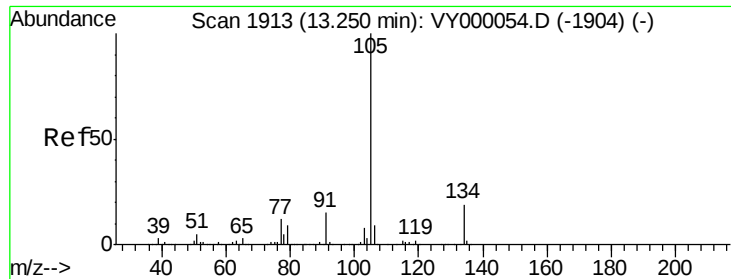
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#84
1,2,4-Trimethylbenzene
Concen: 50.828 ug/l
RT: 13.12 min Scan# 1892
Delta R.T. 0.01 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	257539		
120	46.4		22.9	68.7





#85

sec-Butylbenzene

Concen: 49.971 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 324629

Ion Ratio Lower Upper

105 100

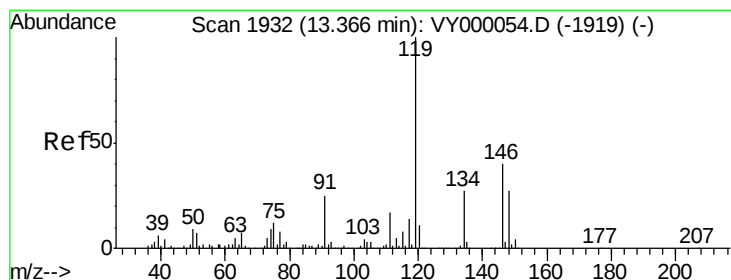
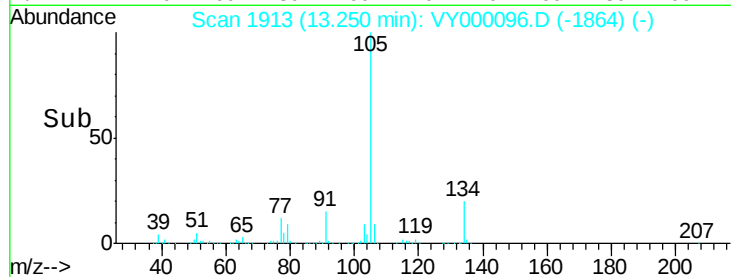
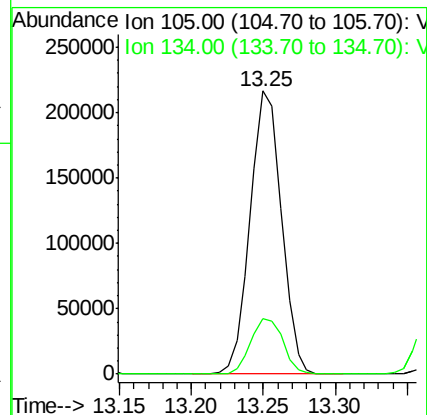
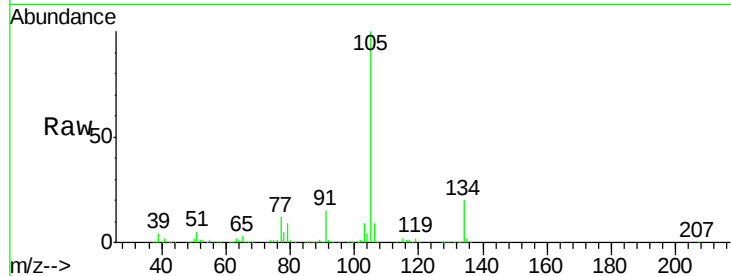
134 20.3 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.576 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000096.D

Acq: 20 Sep 2019 10:07

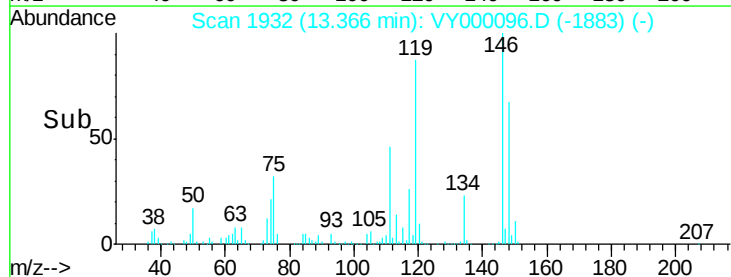
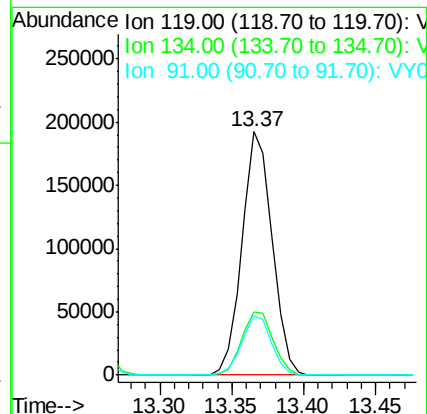
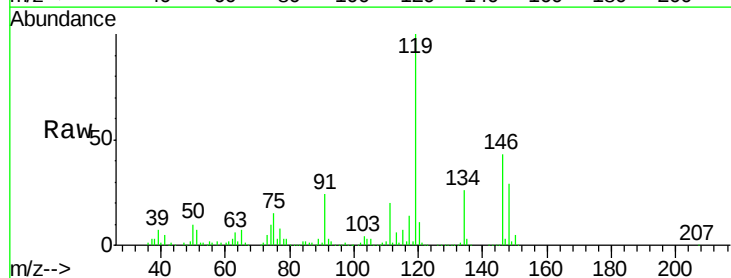
Tgt Ion:119 Resp: 278499

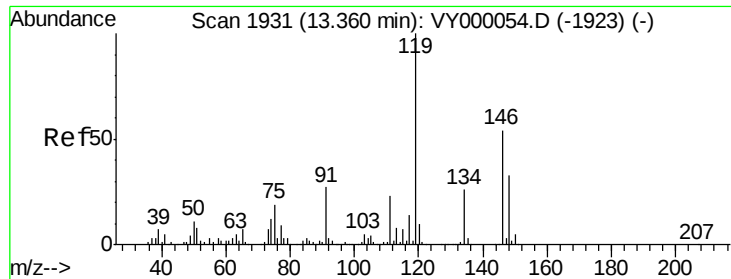
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 24.2 12.4 37.4





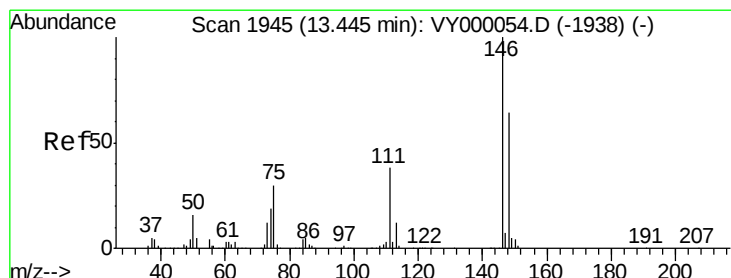
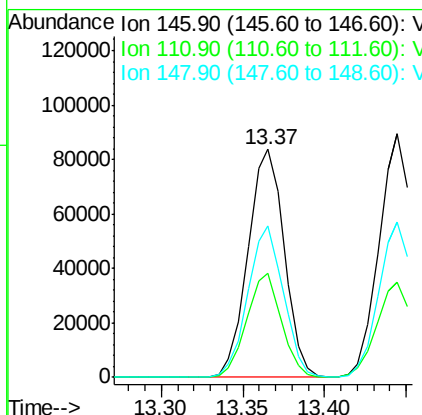
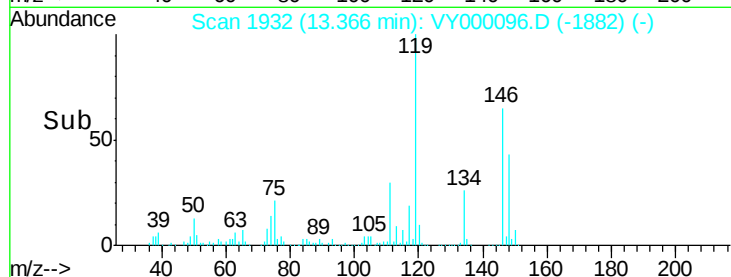
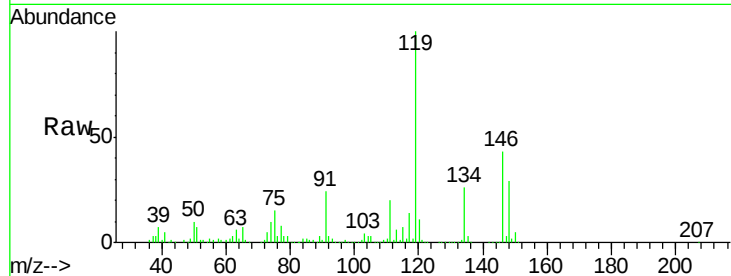
#87
 1,3-Dichlorobenzene
 Concen: 50.492 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.1	63.1
148	65.4	31.8	95.3

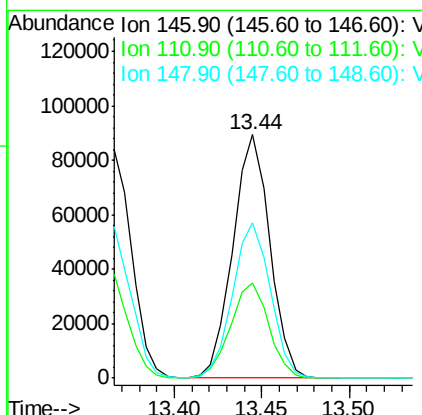
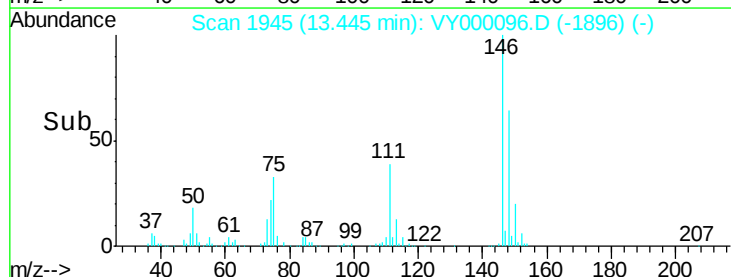
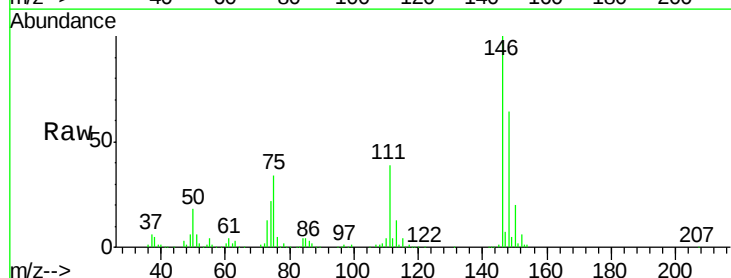
Manual Integrations
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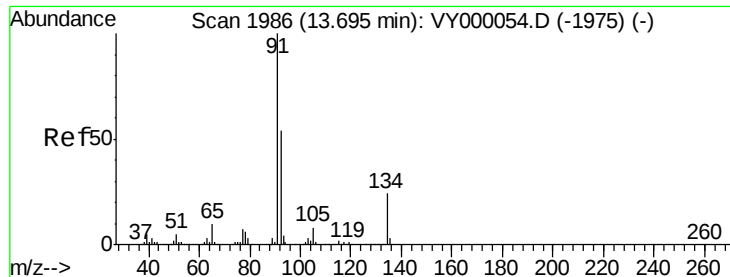
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#88
 1,4-Dichlorobenzene
 Concen: 51.065 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.8	62.4
148	65.2	31.5	94.5





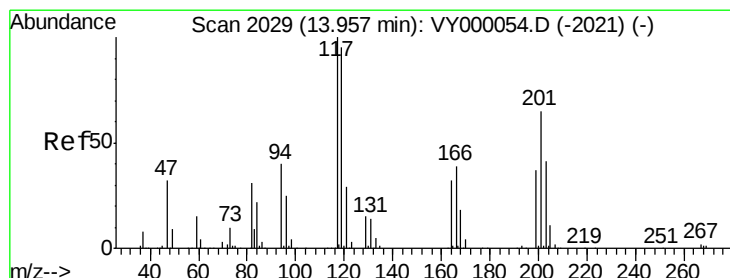
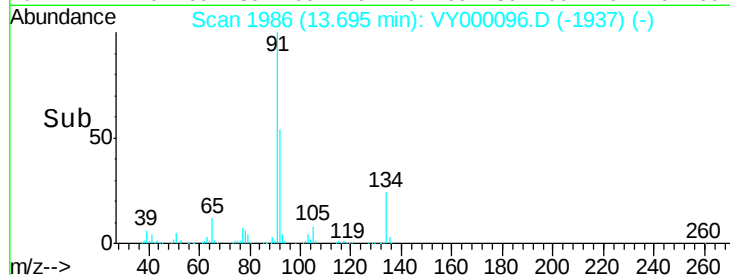
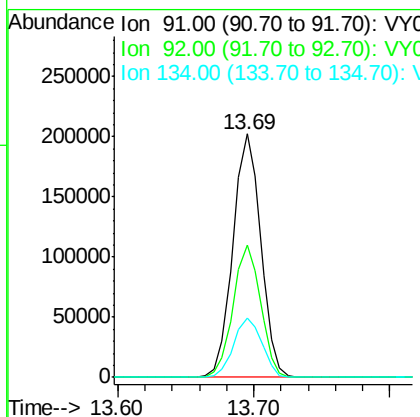
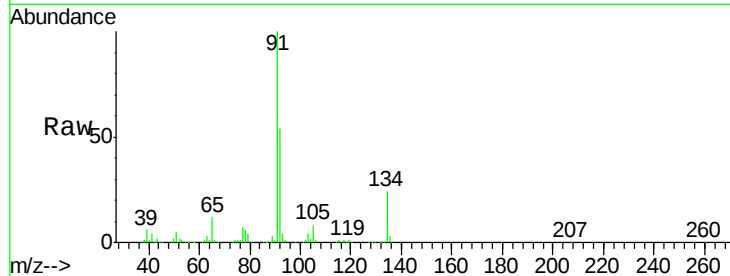
#89
n-Butylbenzene
Concen: 50.936 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	288543		
92	54.0		27.2	81.5
134	24.8		12.2	36.6

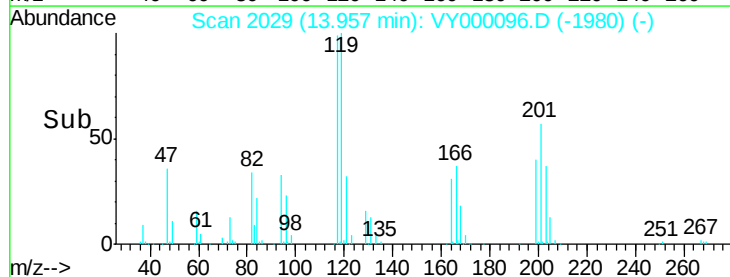
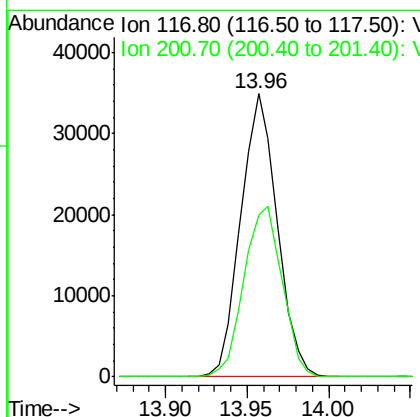
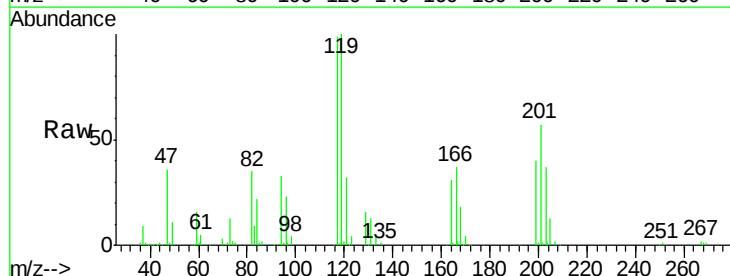
Manual Integrations
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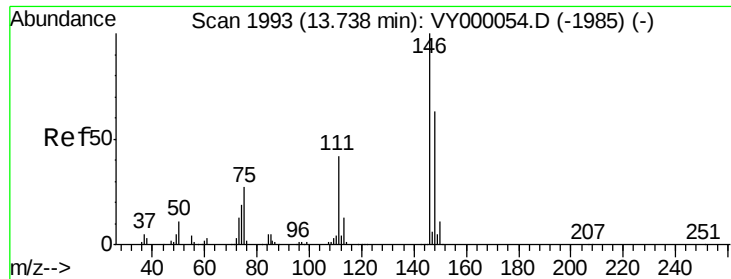
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#90
Hexachloroethane
Concen: 50.234 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54358		
201	63.3		30.6	92.0





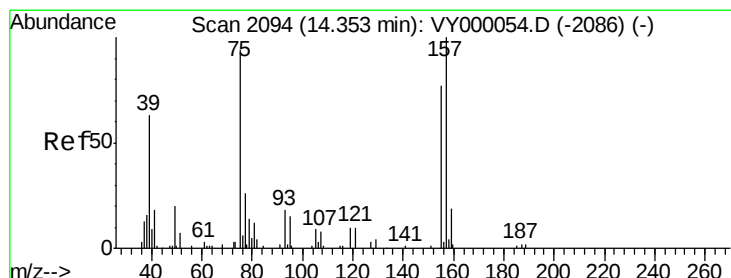
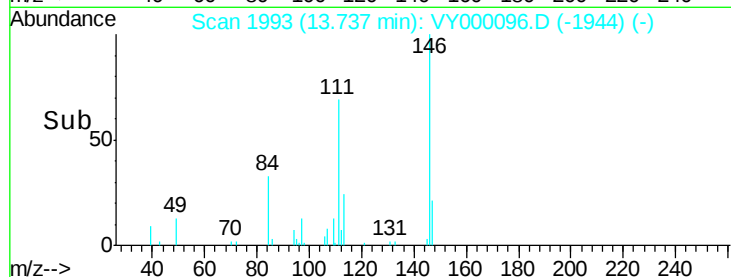
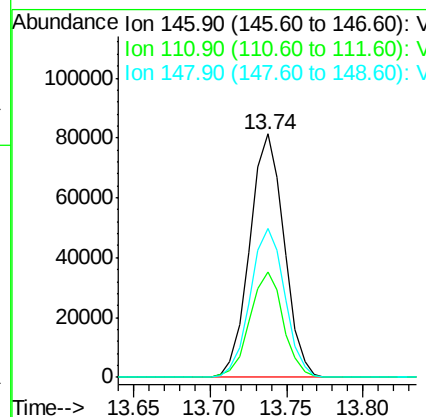
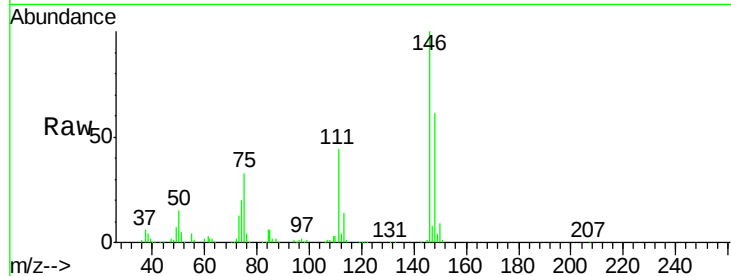
#91
 1,2-Dichlorobenzene
 Concen: 52.658 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	127143		
111	41.9	21.9	65.7	
148	61.5	32.4	97.2	

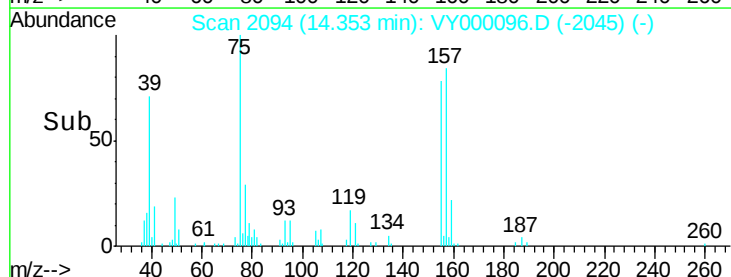
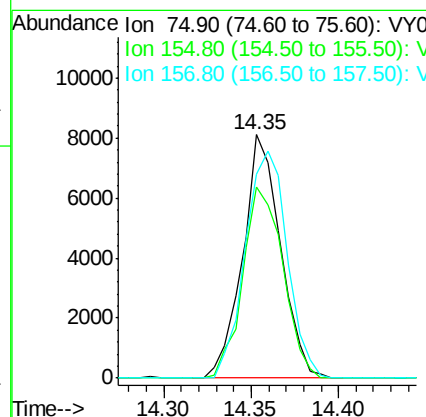
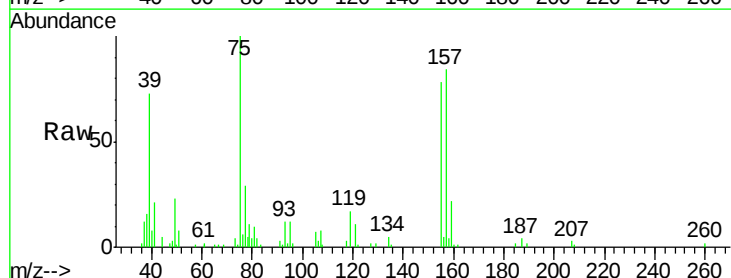
Manual Integrations
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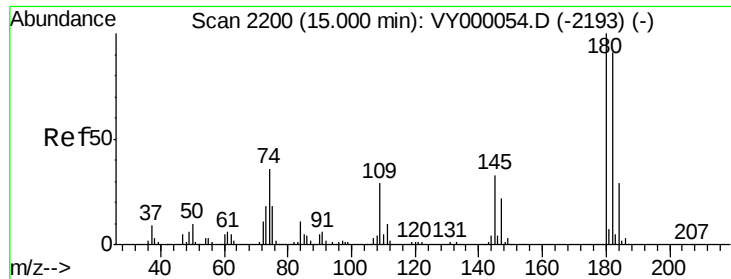
MMDadoda
 9/24/2019 5:32:22 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.832 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	12178		
155	83.8	40.6	121.7	
157	103.6	52.9	158.8	





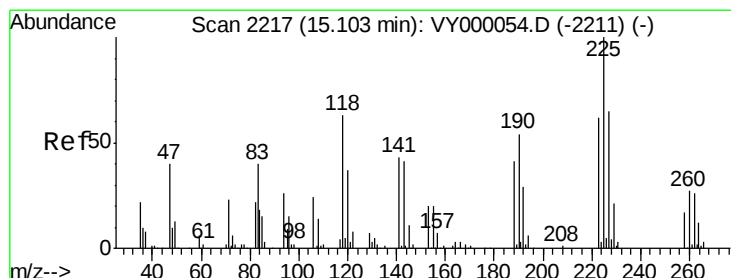
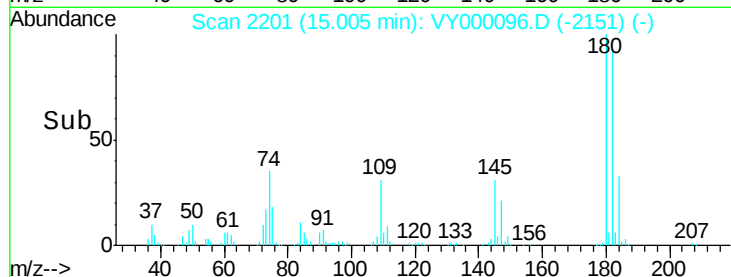
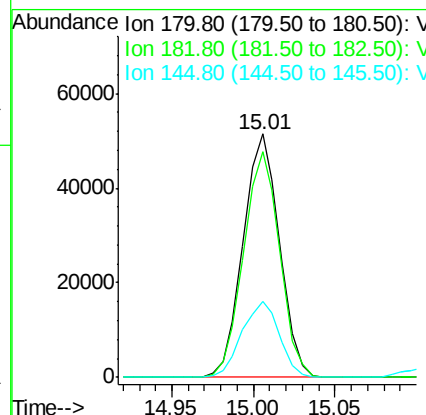
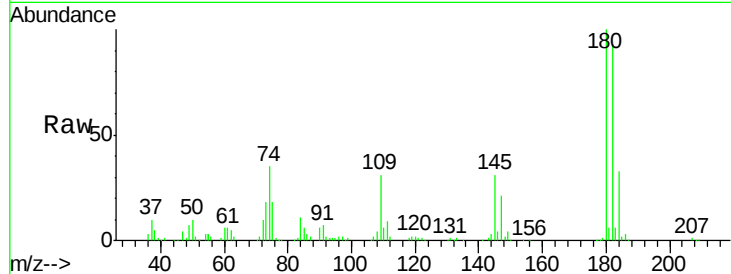
#93
 1,2,4-Trichlorobenzene
 Concen: 54.720 ug/l
 RT: 15.01 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	79724		
182	92.3		48.5	145.6
145	32.2		17.2	51.6

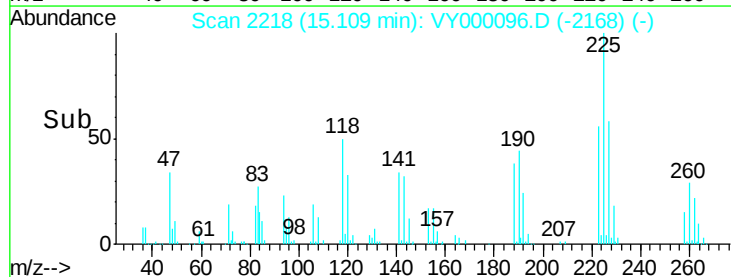
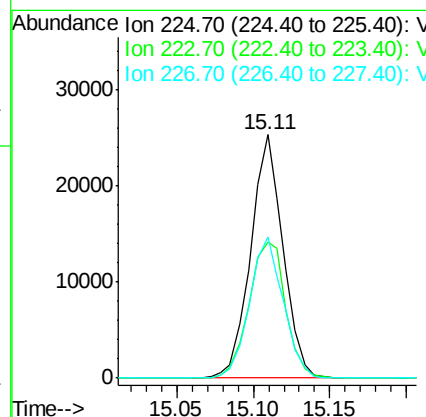
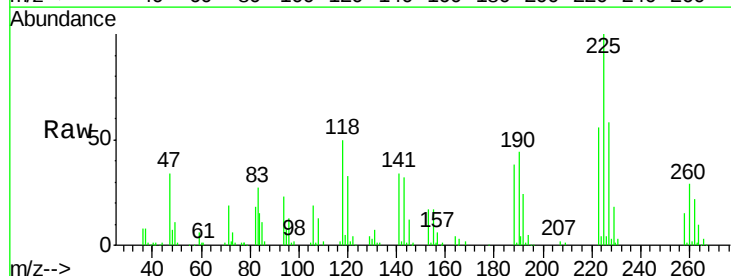
Manual Integrations
 APPROVED

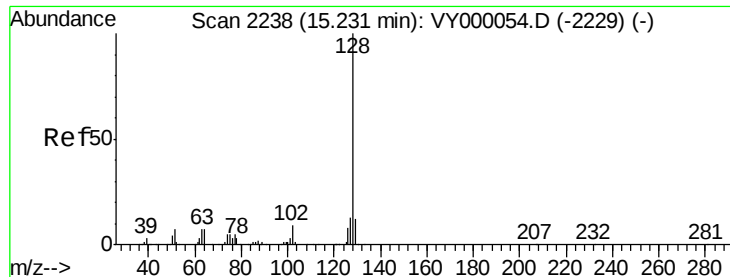
MMDadoda
 9/24/2019 5:32:22 AM



#94
 Hexachlorobutadiene
 Concen: 52.894 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000096.D
 Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37000		
223	63.5		31.9	95.5
227	60.7		30.6	91.6





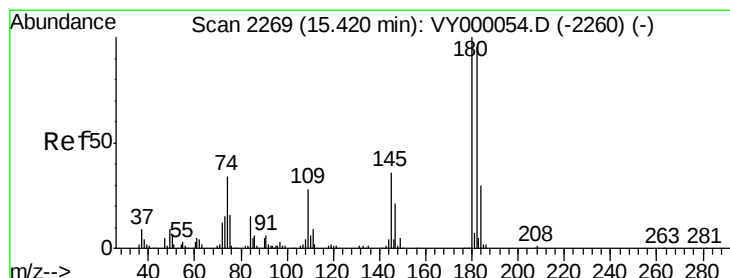
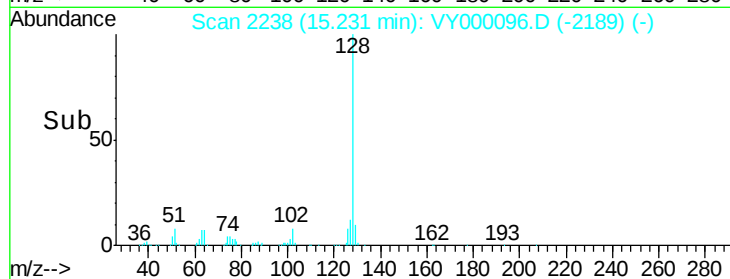
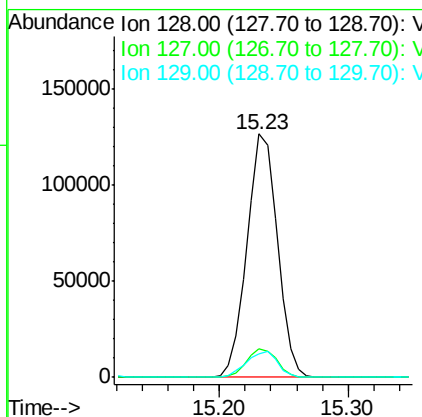
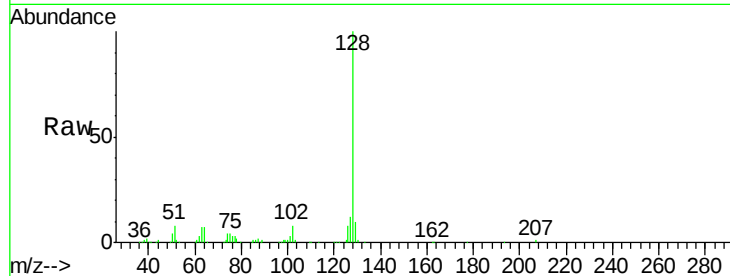
#95
Naphthalene
Concen: 49.722 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.3	15.5
129	11.0	9.2	13.8

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:32:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.764 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000096.D
Acq: 20 Sep 2019 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.5
145	36.3	17.4	52.2

