

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
 Data File : VY000054.D
 Acq On : 17 Sep 2019 11:42
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:29:34 AM

Quant Time: Sep 17 12:19:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 12:06:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	110273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	210795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	180408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	79334	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	58623	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.71	113	59738	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.18	98	242880	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.48	95	83206	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	41007	49.969	ug/l	100
3) Chloromethane	2.11	50	52724	39.901	ug/l	100
4) Vinyl Chloride	2.25	62	58675	47.726	ug/l	100
5) Bromomethane	2.64	94	38927	49.164	ug/l	100
6) Chloroethane	2.78	64	40057	48.749	ug/l	100
7) Trichlorofluoromethane	3.12	101	84437	52.010	ug/l	100
8) Diethyl Ether	3.53	74	36951	55.065	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	59896	54.052	ug/l	100
10) Methyl Iodide	4.09	142	66595	55.269	ug/l	100
11) Tert butyl alcohol	4.96	59	40335	264.649	ug/l	100
12) 1,1-Dichloroethene	3.87	96	53887	52.412	ug/l	100
13) Acrolein	3.73	56	16990	157.653	ug/l	100
14) Allyl chloride	4.48	41	83332	52.170	ug/l	100
15) Acrylonitrile	5.17	53	114523	270.957	ug/l	100
16) Acetone	3.95	43	79917	244.489	ug/l	100
17) Carbon Disulfide	4.18	76	100952	48.772	ug/l	100
18) Methyl Acetate	4.48	43	47712	50.884	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	178355	56.581	ug/l	100
20) Methylene Chloride	4.71	84	67741	50.670	ug/l	100
21) trans-1,2-Dichloroethene	5.21	96	60055	52.478	ug/l	100
22) Diisopropyl ether	6.12	45	191453	54.033	ug/l	100
23) Vinyl Acetate	6.06	43	655150	268.437	ug/l	100
24) 1,1-Dichloroethane	6.03	63	113735	54.043	ug/l	100
25) 2-Butanone	6.99	43	140926	261.866	ug/l	100
26) 2,2-Dichloropropane	6.98	77	99197	51.077	ug/l	100
27) cis-1,2-Dichloroethene	6.98	96	76378	53.124	ug/l	100
28) Bromochloromethane	7.34	49	51395	54.252	ug/l	100
29) Tetrahydrofuran	7.35	42	84304	262.544	ug/l	100
30) Chloroform	7.51	83	118523	54.492	ug/l	100
31) Cyclohexane	7.78	56	81657	47.122	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	93398	52.774	ug/l	100
36) 1,1-Dichloropropene	7.92	75	80446	51.501	ug/l	100
37) Ethyl Acetate	7.08	43	56179	53.133	ug/l	100
38) Carbon Tetrachloride	7.90	117	78559	53.211	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	99000	51.103	ug/l	100
40) Benzene	8.16	78	268344	52.410	ug/l	100
41) Methacrylonitrile	7.32	41	33453m	54.840	ug/l	
42) 1,2-Dichloroethane	8.24	62	70945	53.996	ug/l	100
43) Isopropyl Acetate	8.28	43	109305	53.235	ug/l	100
44) Trichloroethene	8.94	130	67713	53.044	ug/l	100
45) 1,2-Dichloropropane	9.22	63	70138	53.243	ug/l	100
46) Dibromomethane	9.31	93	38258	52.257	ug/l	100
47) Bromodichloromethane	9.50	83	92583	52.997	ug/l	100
48) Methyl methacrylate	9.29	41	48516	53.398	ug/l	100
49) 1,4-Dioxane	9.30	88	15384	1002.655	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	302707	264.427	ug/l	100
52) Toluene	10.24	92	168542	52.468	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	98818	53.730	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	114178	53.207	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	63231	54.195	ug/l	100
56) Ethyl methacrylate	10.51	69	88671	54.245	ug/l	100
57) 1,3-Dichloropropane	10.79	76	99205	53.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	235421	269.475	ug/l	100
59) 2-Hexanone	10.84	43	225224	271.863	ug/l	100
60) Dibromochloromethane	10.98	129	64990	53.294	ug/l	100
61) 1,2-Dibromoethane	11.09	107	56019	54.472	ug/l	100
64) Tetrachloroethene	10.72	164	59119	52.794	ug/l	100
65) Chlorobenzene	11.51	112	189717	54.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	66010	54.505	ug/l	100
67) Ethyl Benzene	11.59	91	336704	53.171	ug/l	100
68) m/p-Xylenes	11.70	106	258034	107.828	ug/l	100
69) o-Xylene	12.03	106	124292	52.982	ug/l	100
70) Styrene	12.04	104	221383	54.259	ug/l	100
71) Bromoform	12.21	173	38440	52.916	ug/l #	100
73) Isopropylbenzene	12.33	105	331187	53.567	ug/l	100
74) N-amyl acetate	12.14	43	98577	54.338	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	79512	53.970	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	60281m	54.708	ug/l	
77) Bromobenzene	12.60	156	69809	53.746	ug/l	100
78) n-propylbenzene	12.67	91	406635	53.804	ug/l	100
79) 2-Chlorotoluene	12.76	91	225744	53.443	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	276260	53.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30372	53.855	ug/l	100
82) 4-Chlorotoluene	12.85	91	236171	53.394	ug/l	100
83) tert-Butylbenzene	13.07	119	237483	53.646	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	276266	54.250	ug/l	100
85) sec-Butylbenzene	13.25	105	349652	53.543	ug/l	100
86) p-Isopropyltoluene	13.37	119	301795	54.326	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	139643	53.223	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	141878	53.855	ug/l	100
89) n-Butylbenzene	13.69	91	310298	55.077	ug/l	100
90) Hexachloroethane	13.96	117	60635	54.758	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	128721	52.864	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14428	50.574	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	81055	52.138	ug/l	100
94) Hexachlorobutadiene	15.10	225	38472	53.900	ug/l	100
95) Naphthalene	15.23	128	224933	53.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	75526	54.133	ug/l	100

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

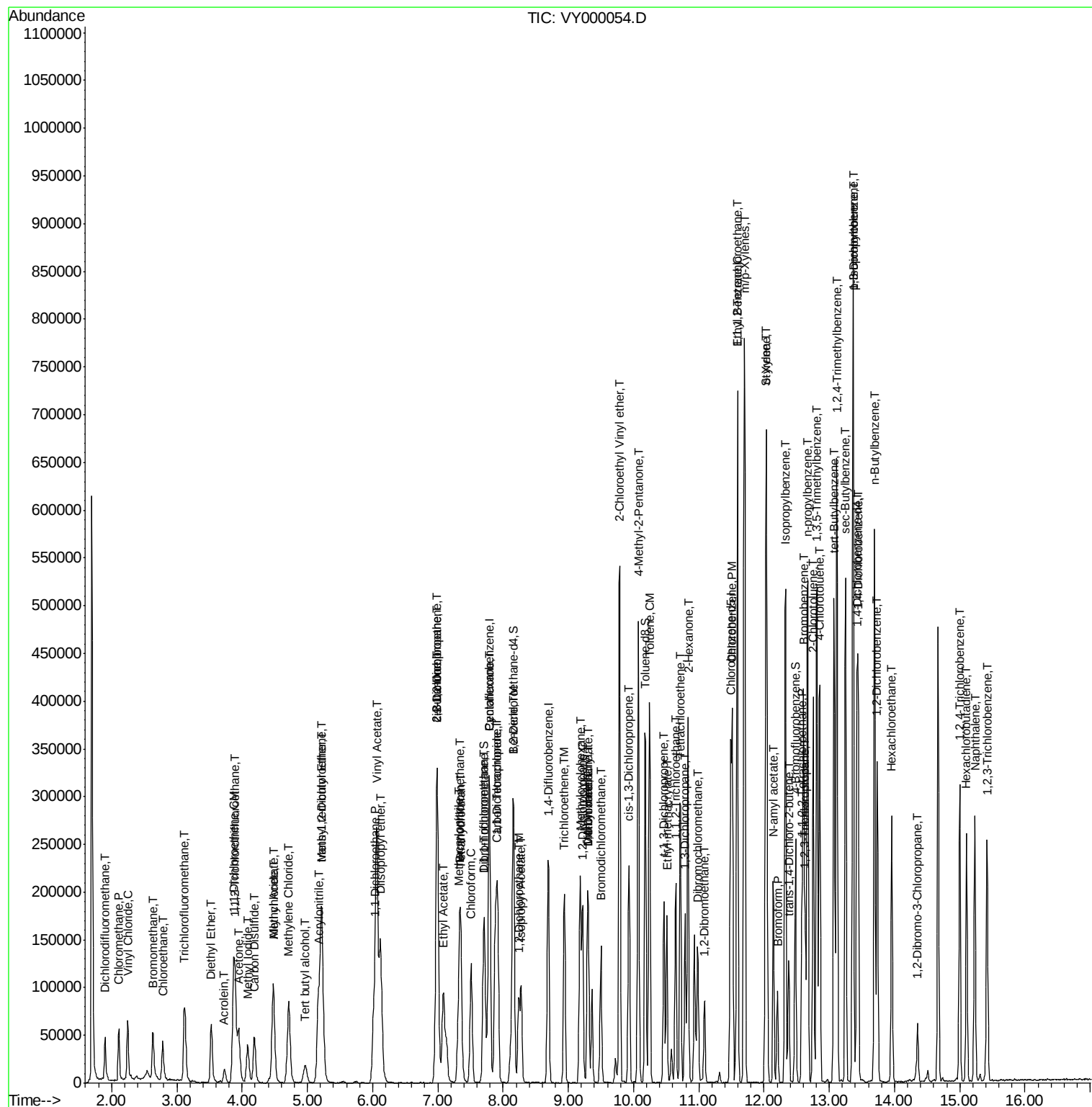
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
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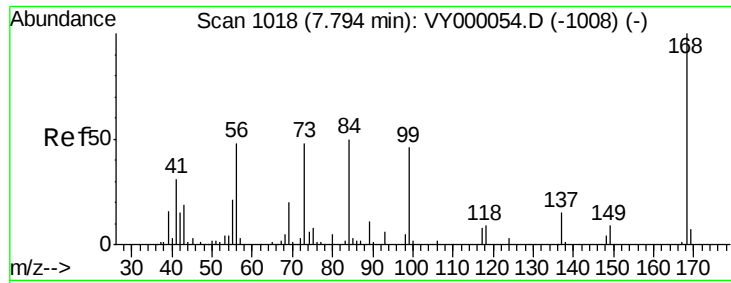
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 110273

Ion Ratio Lower Upper

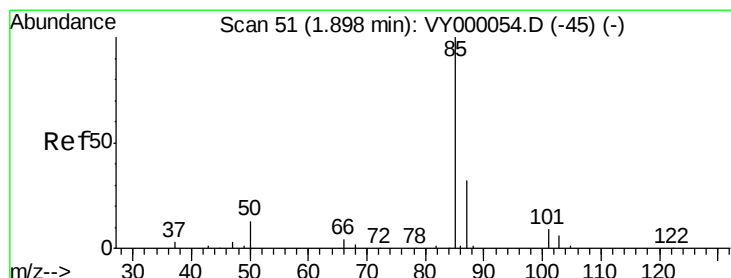
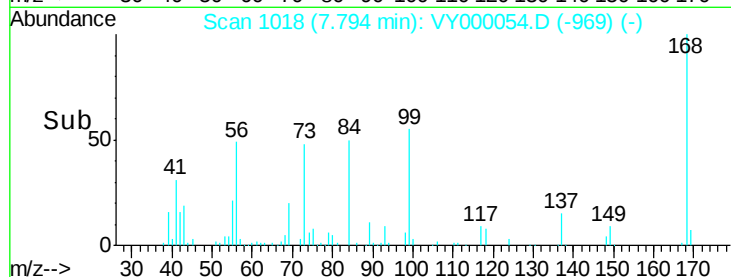
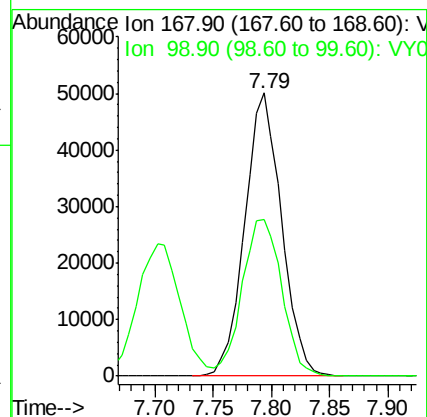
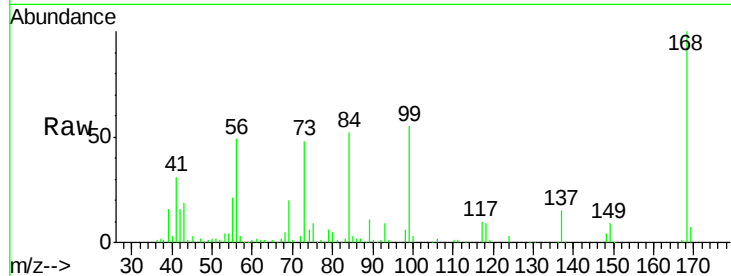
168 100

99 55.2 44.2 66.2

Manual Integrations
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9/19/2019 1:29:34 AM



#2

Dichlorodifluoromethane

Concen: 49.969 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000054.D

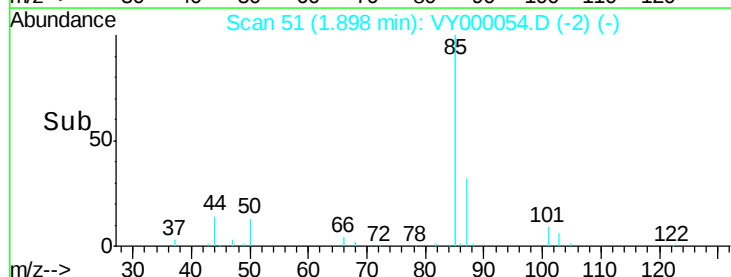
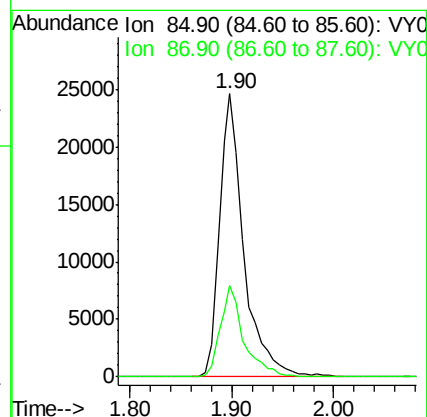
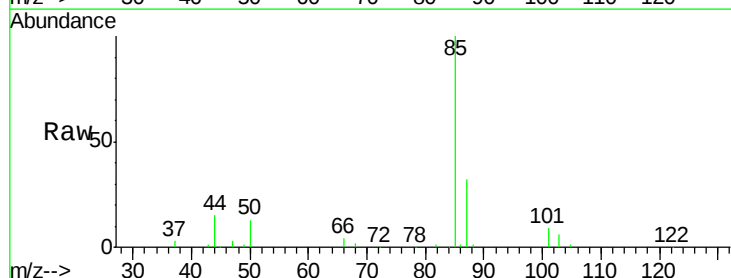
Acq: 17 Sep 2019 11:42

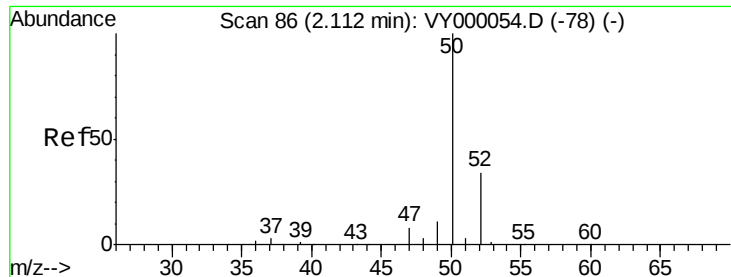
Tgt Ion: 85 Resp: 41007

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5





#3

Chloromethane

Concen: 39.901 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 52724

Ion Ratio Lower Upper

50 100

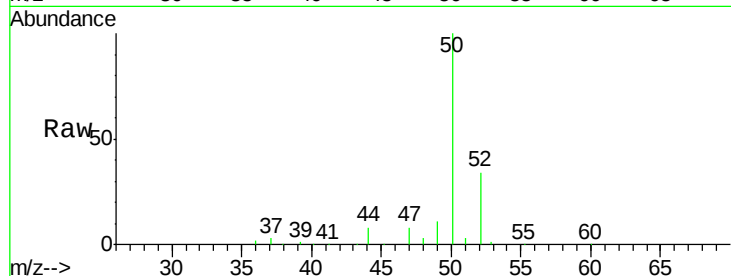
52 34.1 27.3 40.9

Manual Integrations

APPROVED

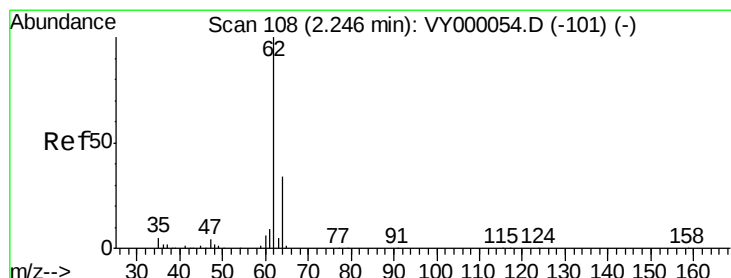
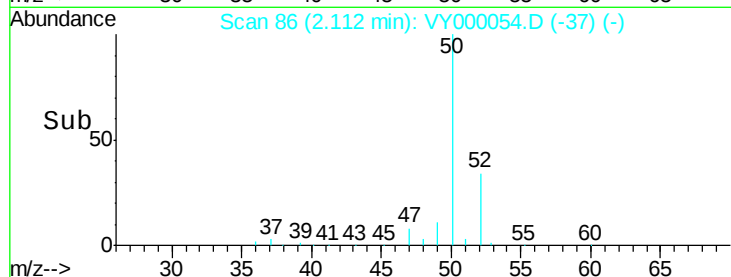
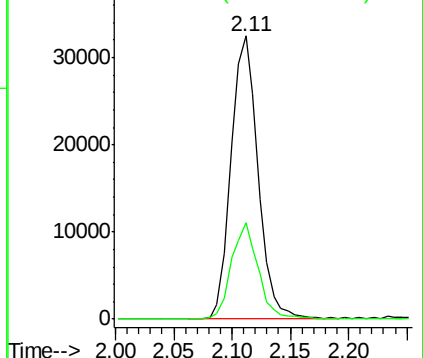
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.726 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000054.D

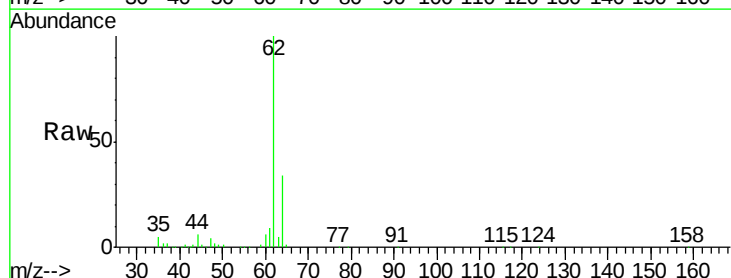
Acq: 17 Sep 2019 11:42

Tgt Ion: 62 Resp: 58675

Ion Ratio Lower Upper

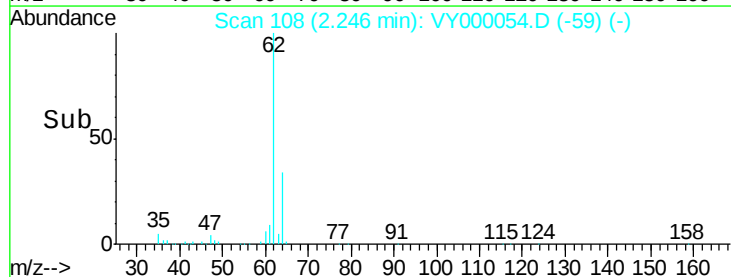
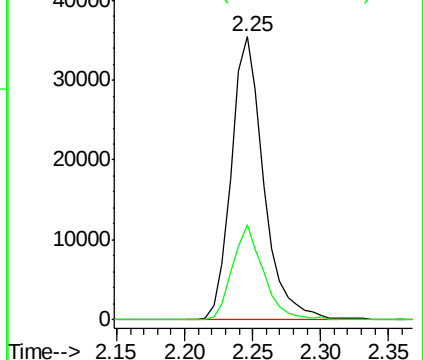
62 100

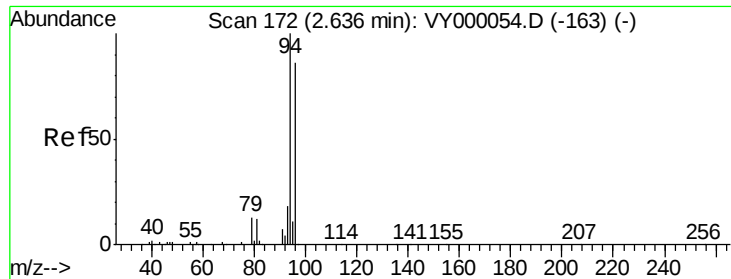
64 33.6 26.9 40.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.164 ug/l

RT: 2.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 38927

Ion Ratio Lower Upper

94 100

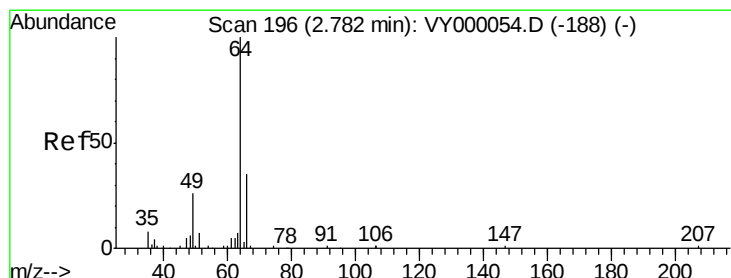
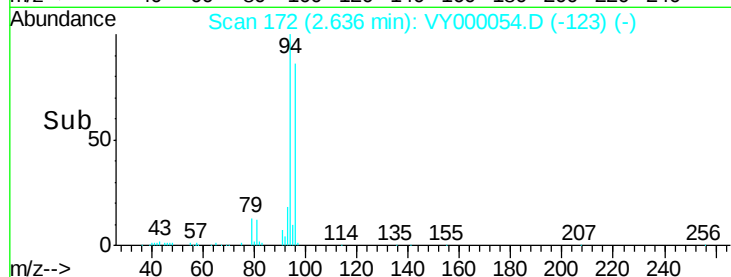
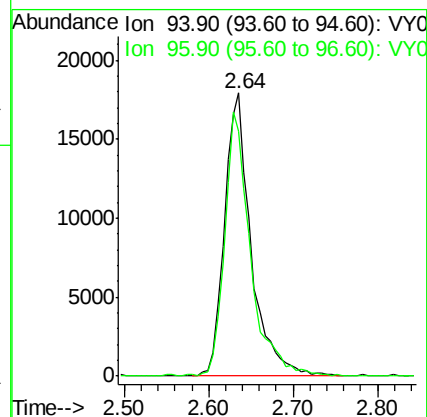
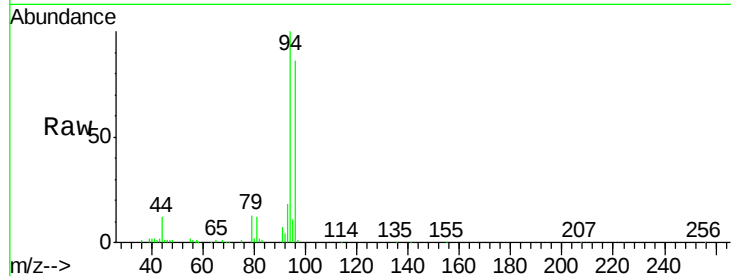
96 86.4 69.1 103.7

Manual Integrations

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#6

Chloroethane

Concen: 48.749 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VY000054.D

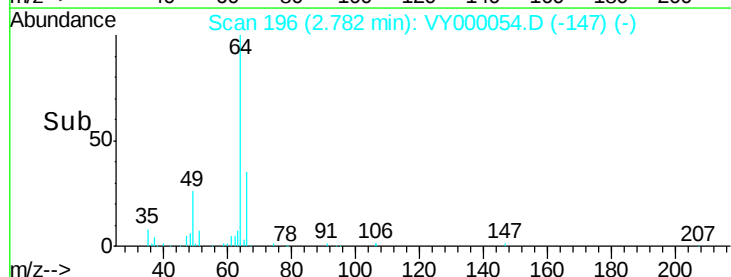
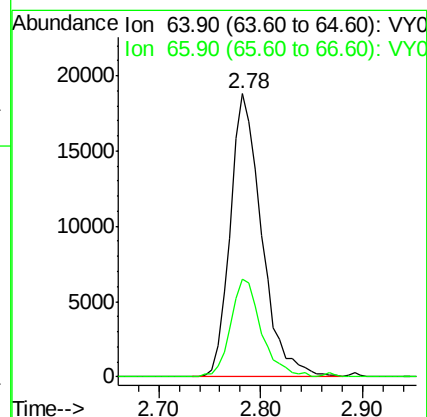
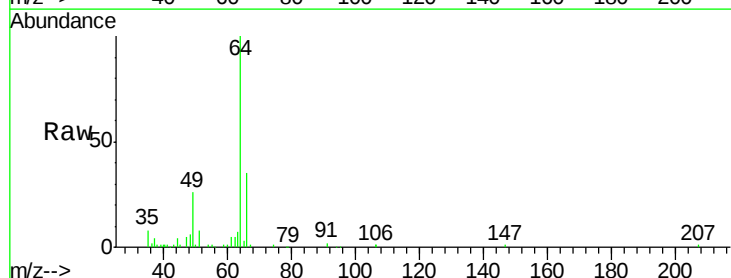
Acq: 17 Sep 2019 11:42

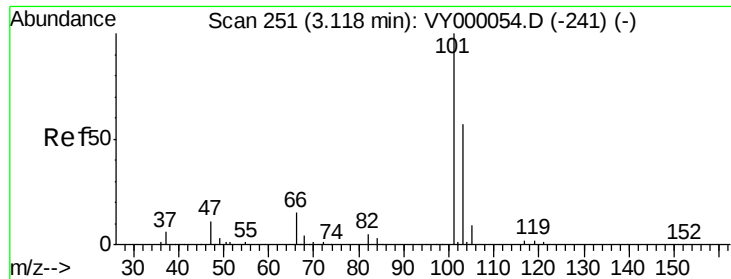
Tgt Ion: 64 Resp: 40057

Ion Ratio Lower Upper

64 100

66 34.6 27.7 41.5





#7

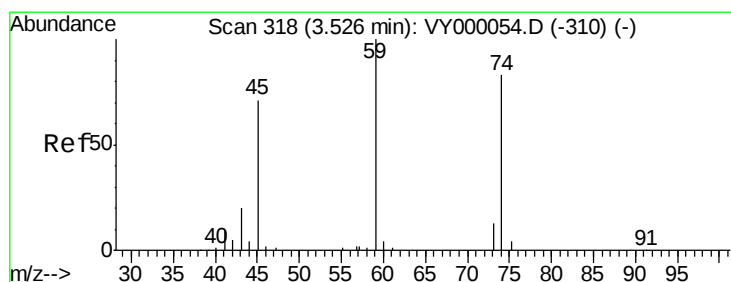
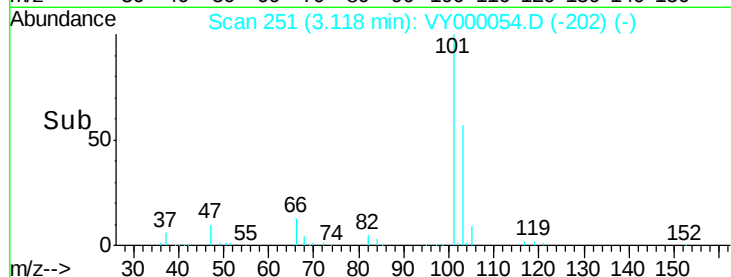
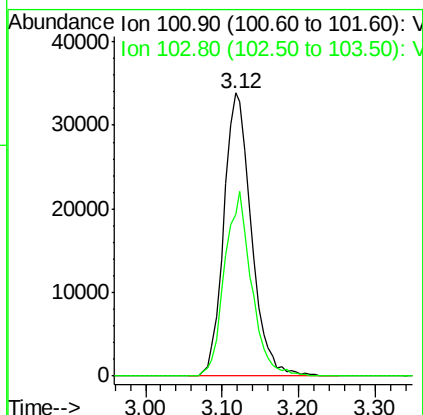
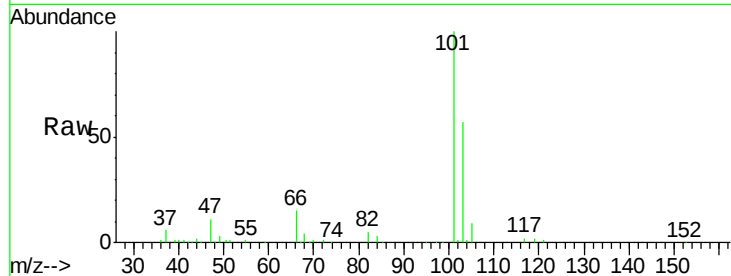
Trichlorofluoromethane
Concen: 52.010 ug/l
RT: 3.12 min Scan# 251
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:101 Resp: 84437
Ion Ratio Lower Upper
101 100
103 57.1 45.7 68.5

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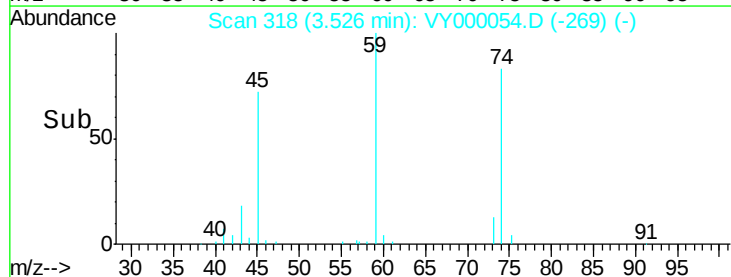
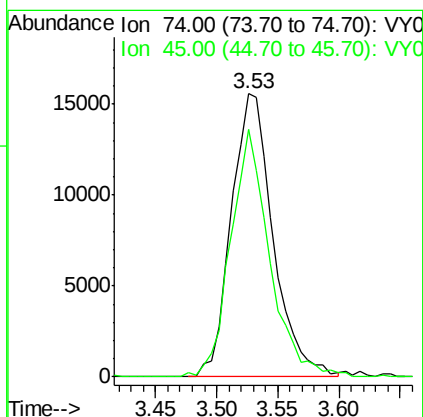
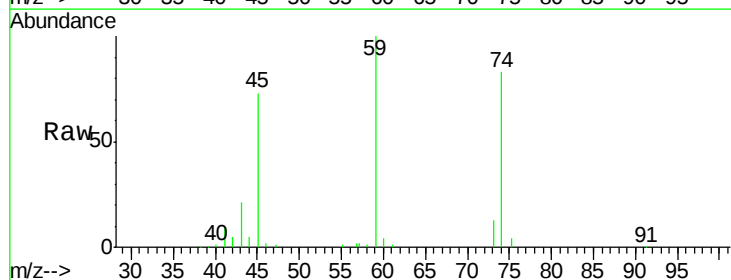
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9/19/2019 1:29:34 AM

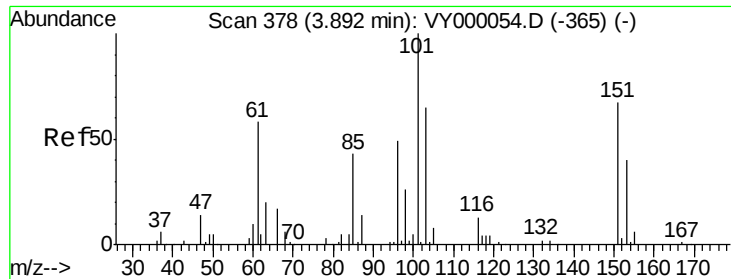


#8

Diethyl Ether
Concen: 55.065 ug/l
RT: 3.53 min Scan# 318
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion: 74 Resp: 36951
Ion Ratio Lower Upper
74 100
45 81.3 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.052 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

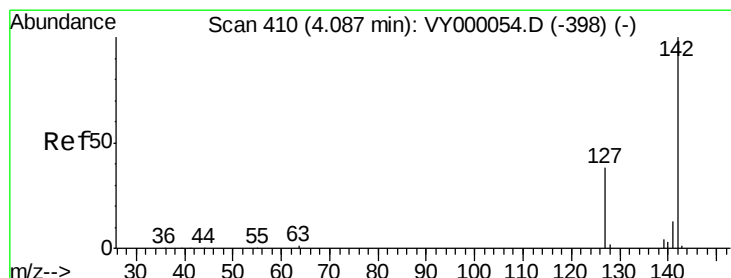
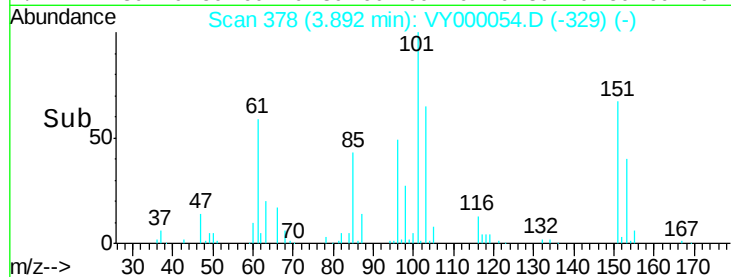
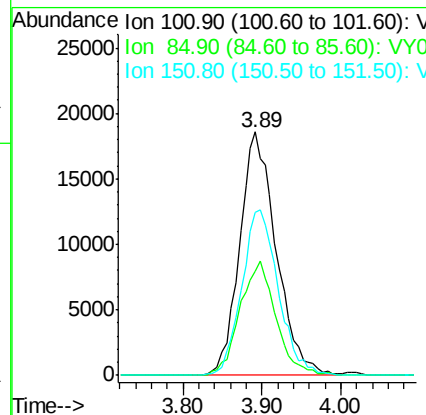
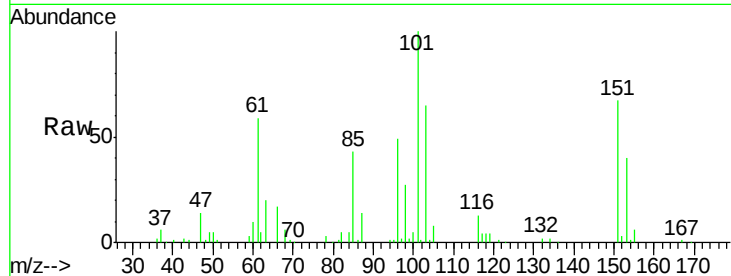
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	59896
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.8	55.2
151	68.0	54.4	81.6

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#10

Methyl Iodide

Concen: 55.269 ug/l

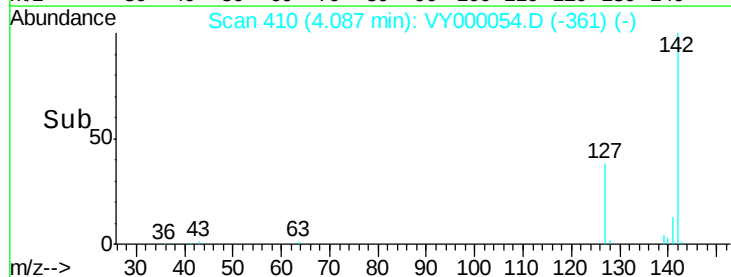
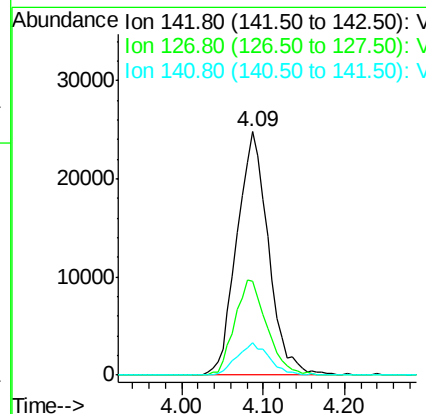
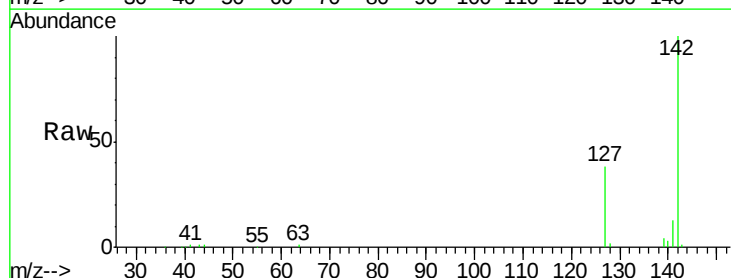
RT: 4.09 min Scan# 410

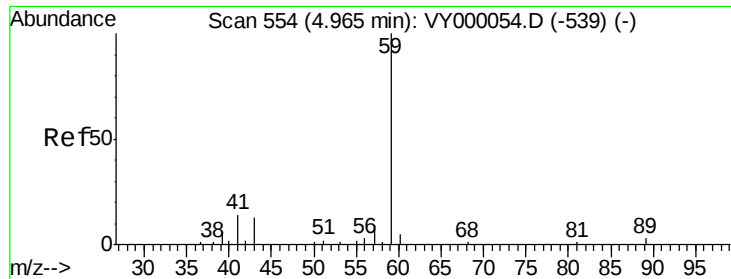
Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion:	142	Resp:	66595
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.6	47.4
141	13.6	10.9	16.3





#11

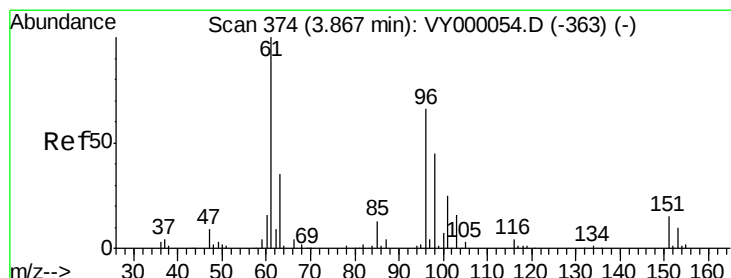
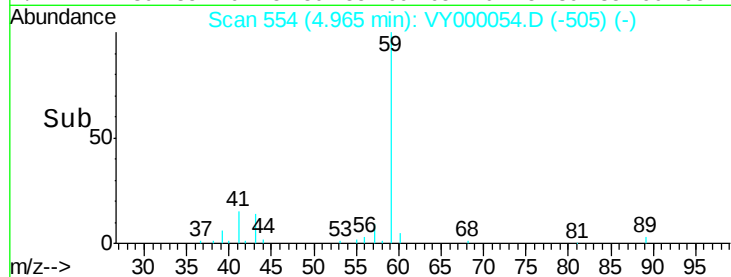
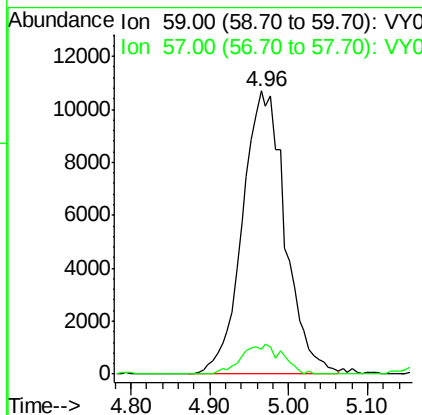
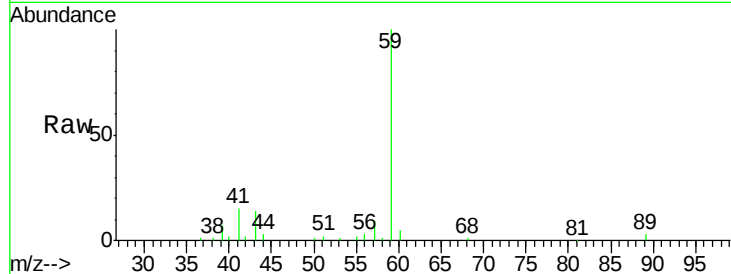
Tert butyl alcohol
Concen: 264.649 ug/l
RT: 4.96 min Scan# 554
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	40335
Ion Ratio	100	Lower	Upper
57	10.0	8.0	12.0

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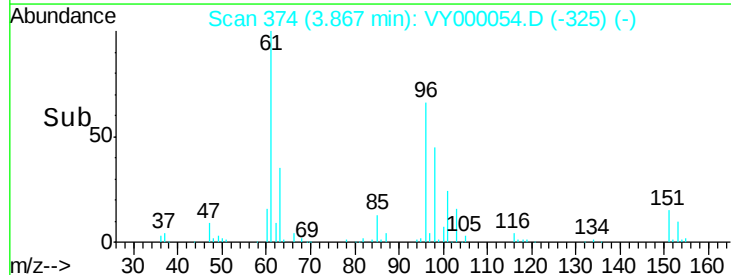
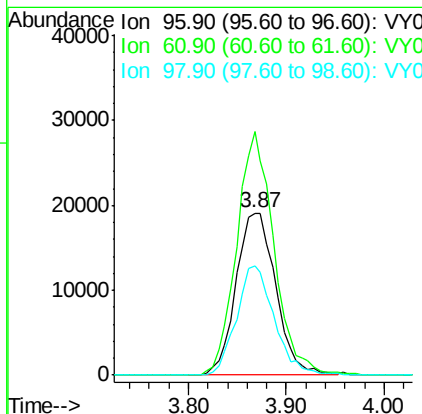
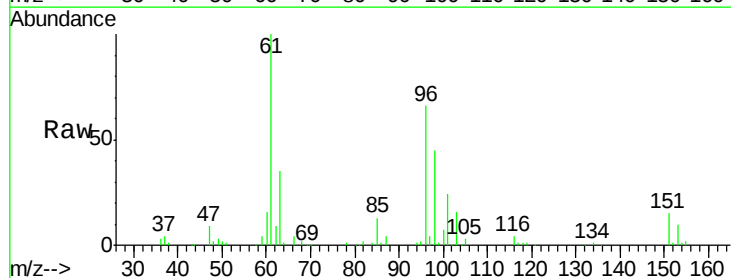
MMDadoda
9/19/2019 1:29:34 AM

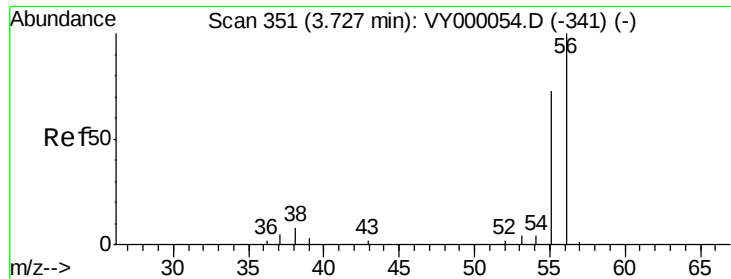


#12

1,1-Dichloroethene
Concen: 52.412 ug/l
RT: 3.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	96	Resp	53887
Ion Ratio	100	Lower	Upper
61	150.5	120.4	180.6
98	67.6	54.1	81.1





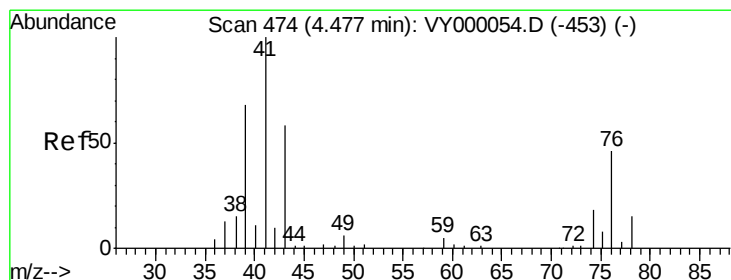
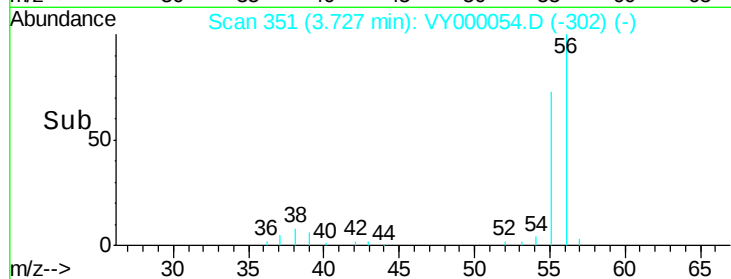
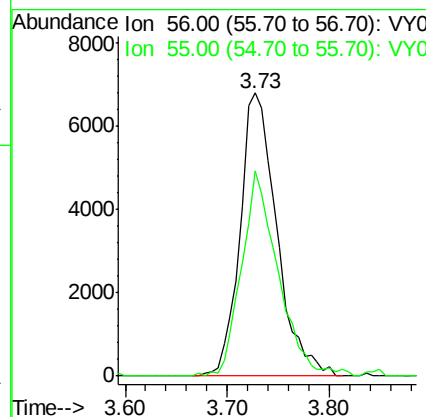
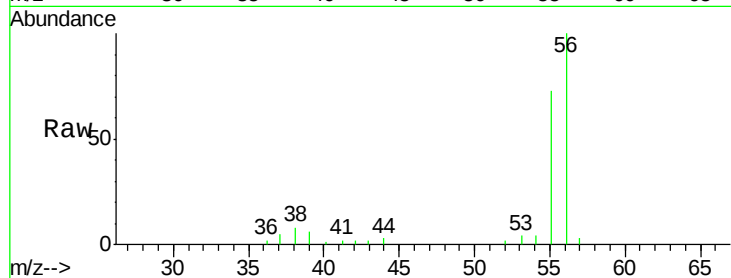
#13
Acrolein
Concen: 157.653 ug/l
RT: 3.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		16990		
55	72.3			57.8	86.8

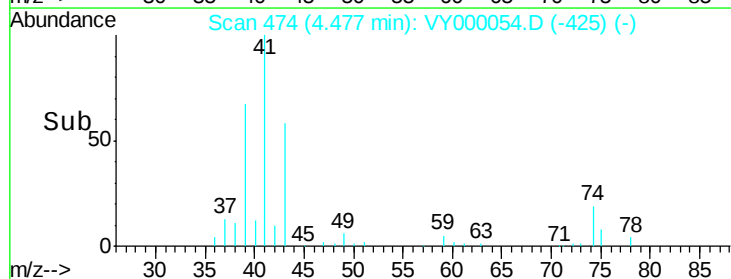
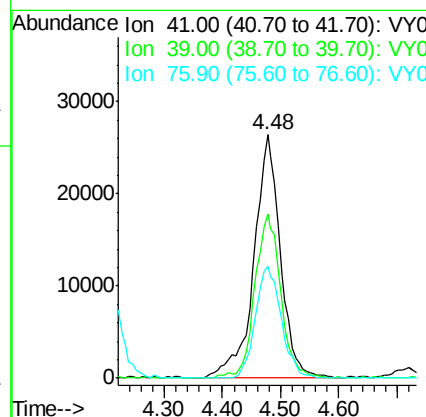
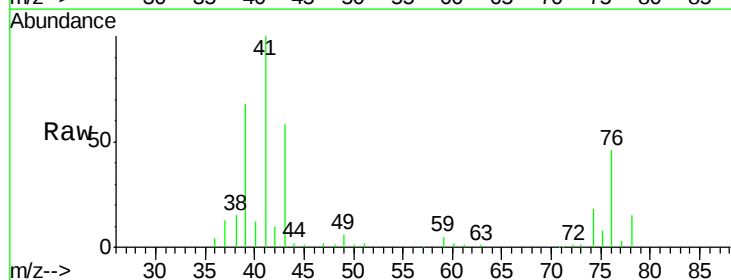
Manual Integrations
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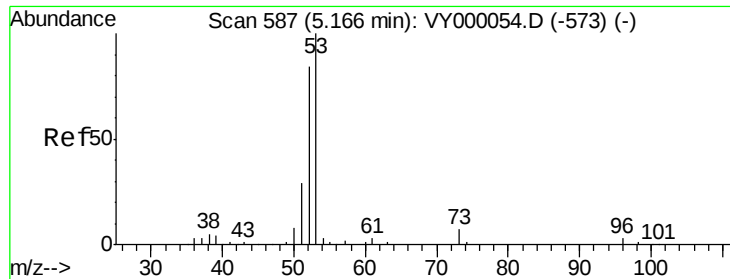
MMDadoda
9/19/2019 1:29:34 AM



#14
Allyl chloride
Concen: 52.170 ug/l
RT: 4.48 min Scan# 474
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		83332		
39	65.9			52.7	79.1
76	44.4			35.5	53.3





#15

Acrylonitrile

Concen: 270.957 ug/l

RT: 5.17 min Scan# 587

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

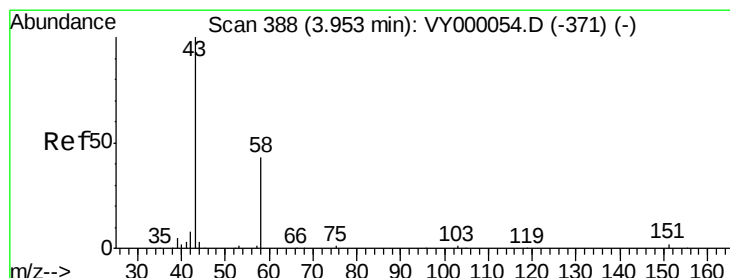
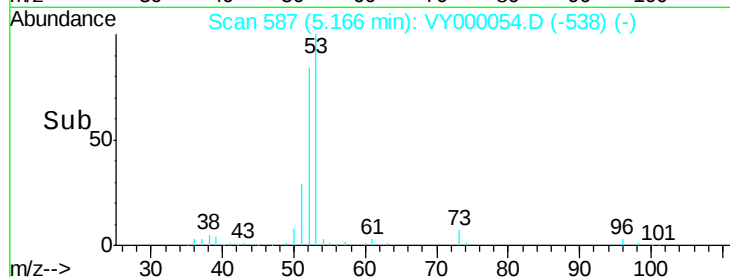
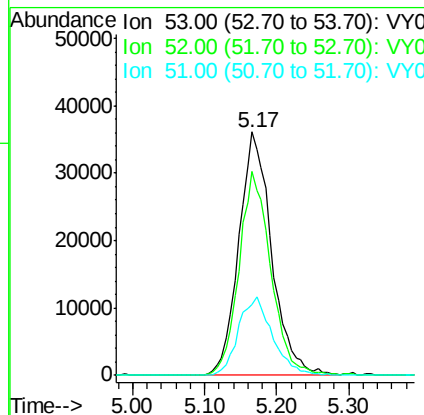
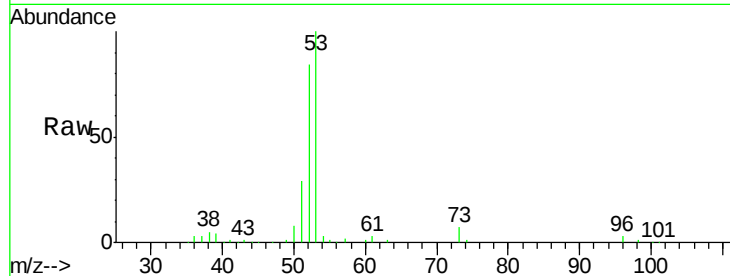
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	114523
Ion	Ratio	Lower	Upper
53	100		
52	80.9	64.7	97.1
51	33.4	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 244.489 ug/l

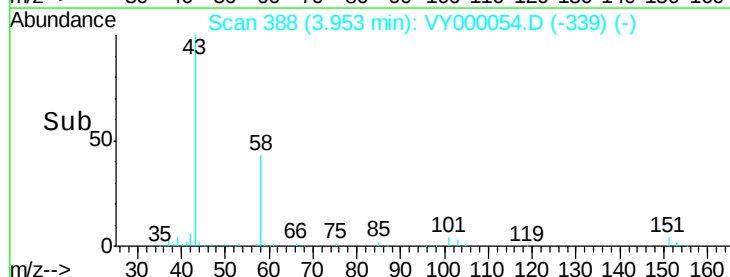
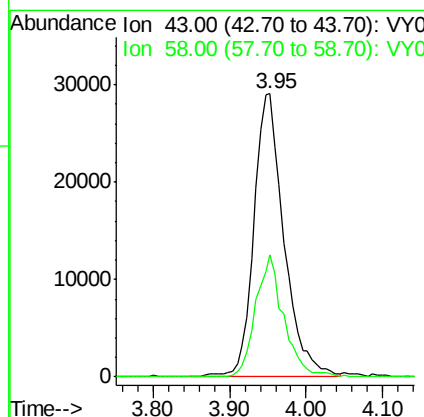
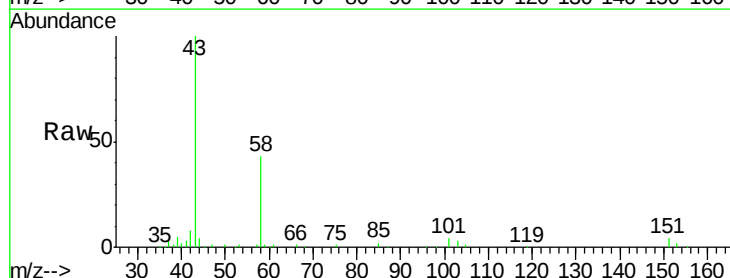
RT: 3.95 min Scan# 388

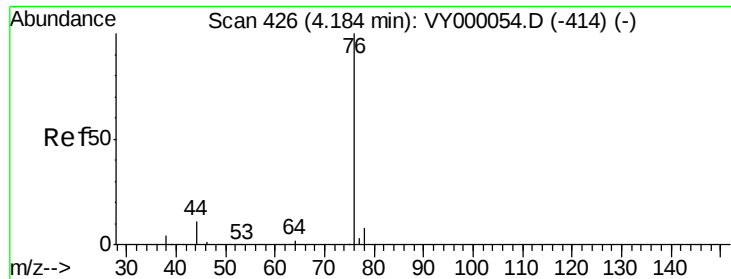
Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion:	43	Resp:	79917
Ion	Ratio	Lower	Upper
43	100		
58	43.1	34.5	51.7





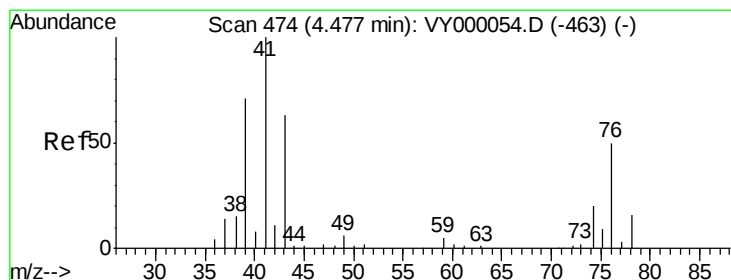
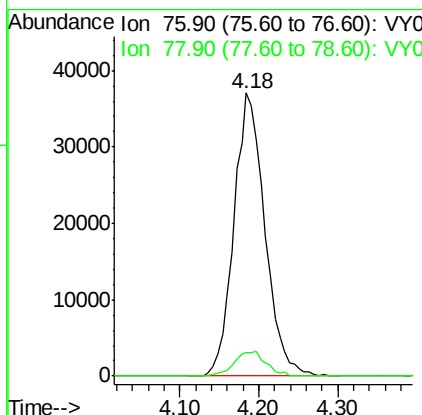
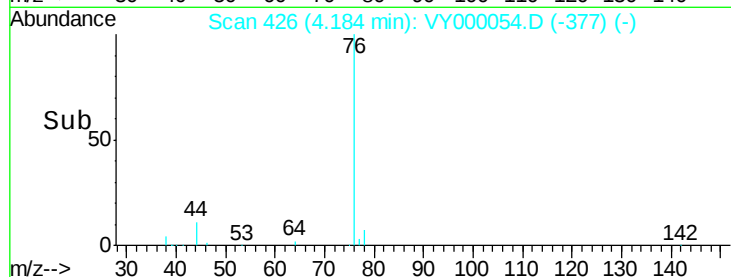
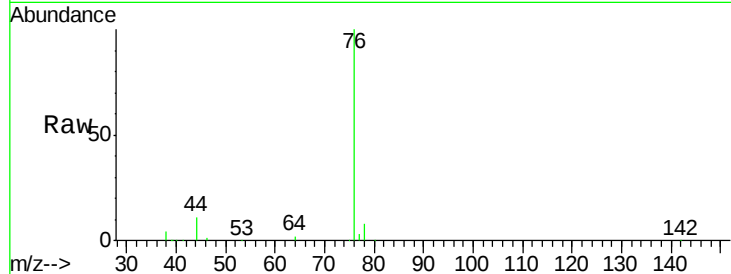
#17
Carbon Disulfide
Concen: 48.772 ug/l
RT: 4.18 min Scan# 426
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	6.6	9.8

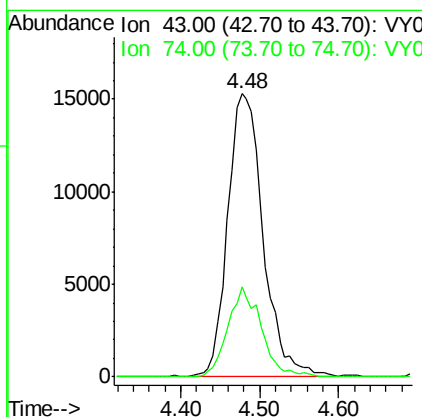
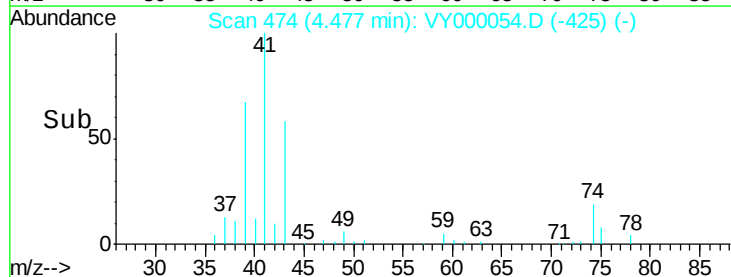
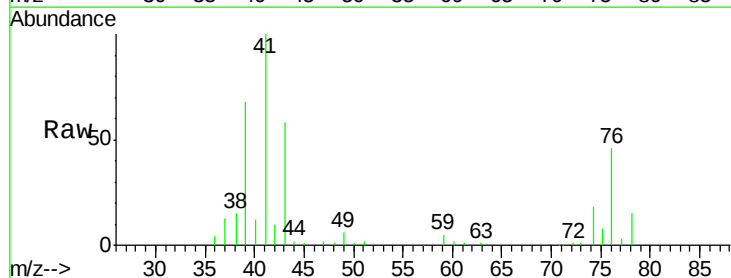
Manual Integrations
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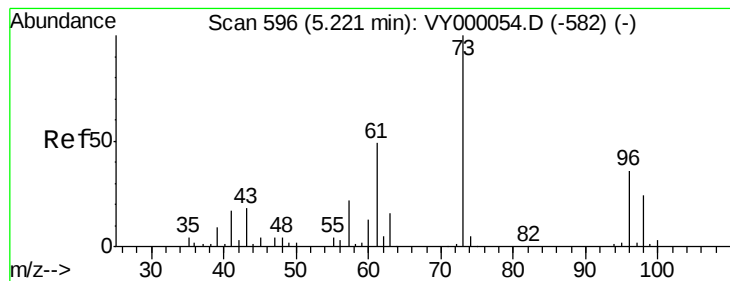
MMDadoda
9/19/2019 1:29:34 AM



#18
Methyl Acetate
Concen: 50.884 ug/l
RT: 4.48 min Scan# 474
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.1	24.1	36.1





#19

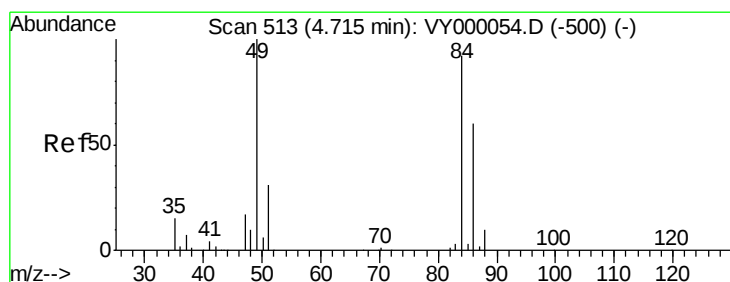
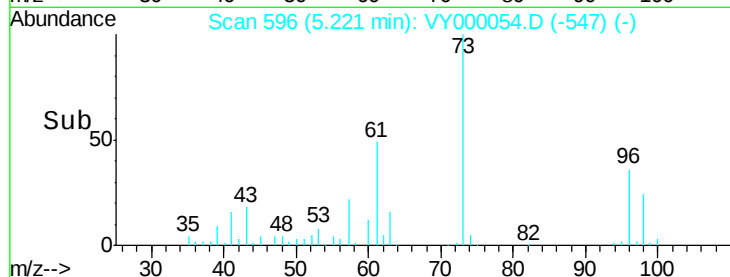
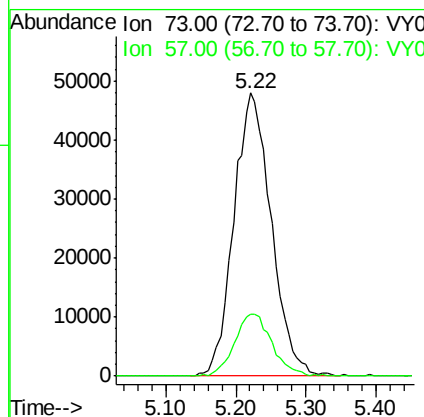
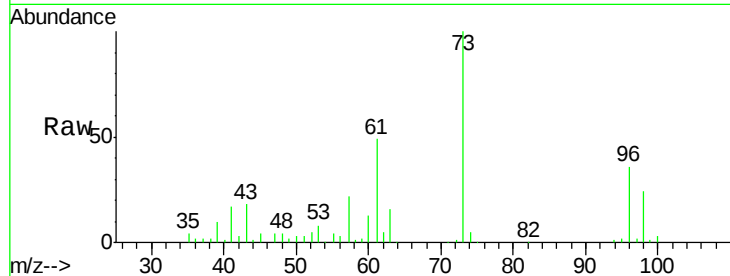
Methyl tert-butyl Ether
 Concen: 56.581 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.5	26.3

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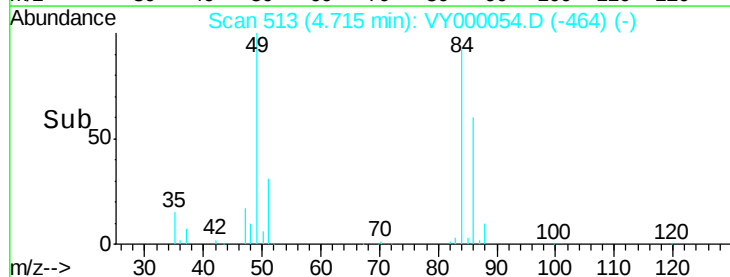
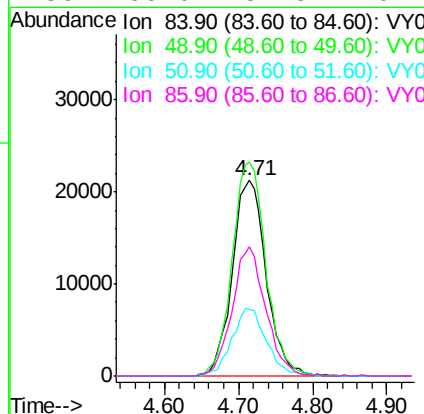
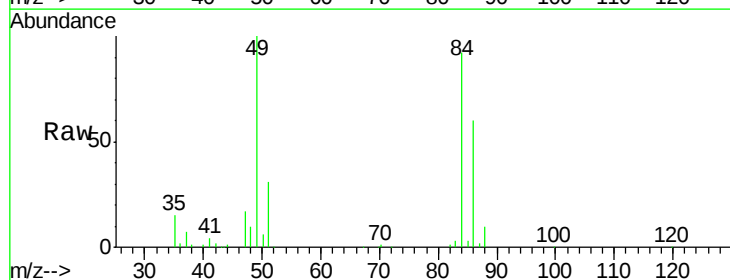
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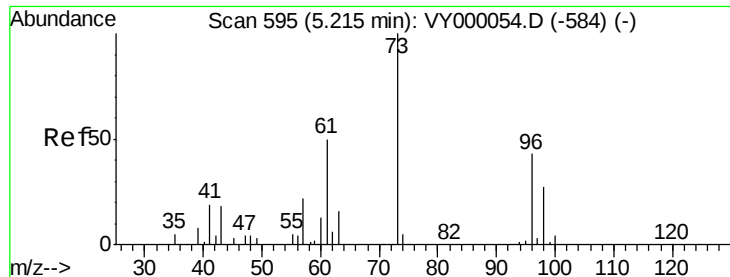


#20

Methylene Chloride
 Concen: 50.670 ug/l
 RT: 4.71 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.2	87.4	131.0
51	34.0	27.2	40.8
86	66.0	52.8	79.2





#21

trans-1,2-Dichloroethene

Concen: 52.478 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 60055

Ion Ratio Lower Upper

96 100

61 117.5 94.0 141.0

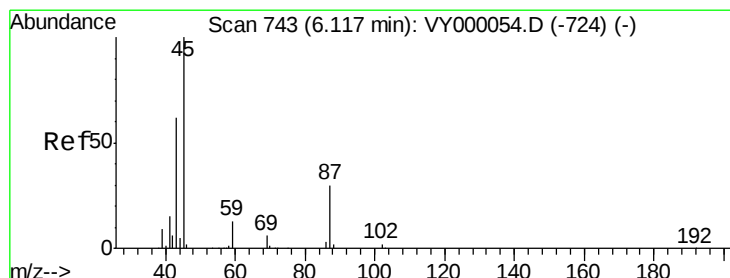
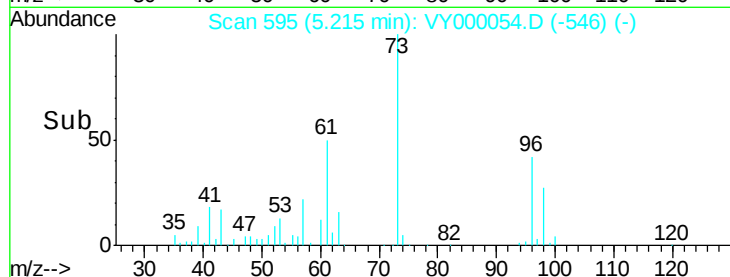
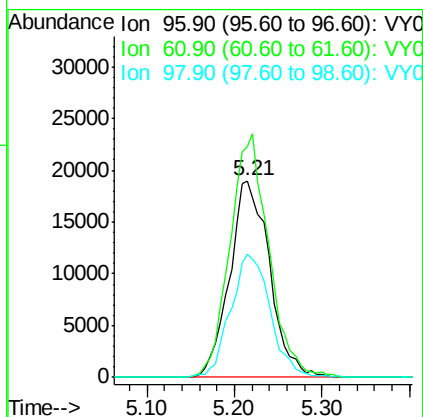
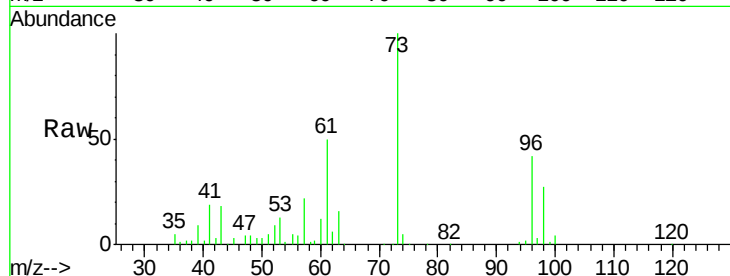
98 62.9 50.3 75.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 54.033 ug/l

RT: 6.12 min Scan# 743

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion: 45 Resp: 191453

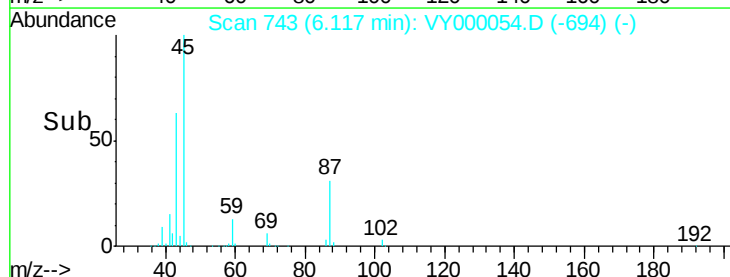
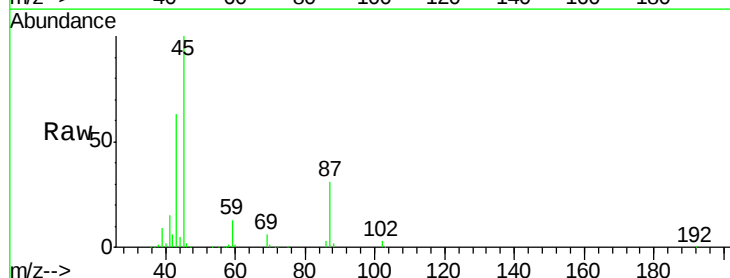
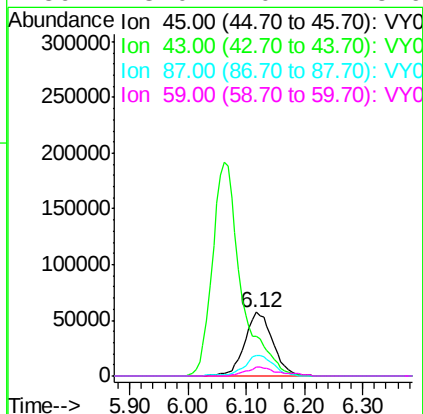
Ion Ratio Lower Upper

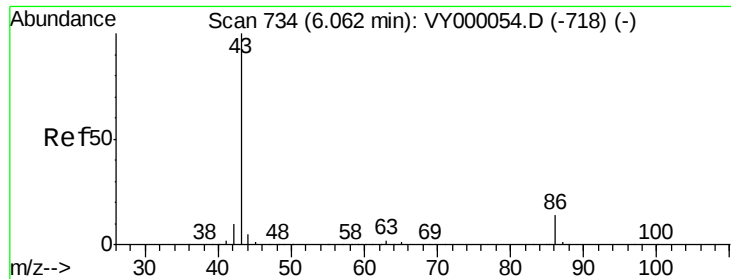
45 100

43 62.4 49.9 74.9

87 31.2 25.0 37.4

59 13.0 10.4 15.6





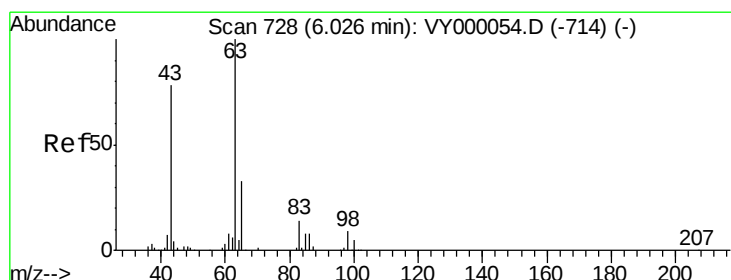
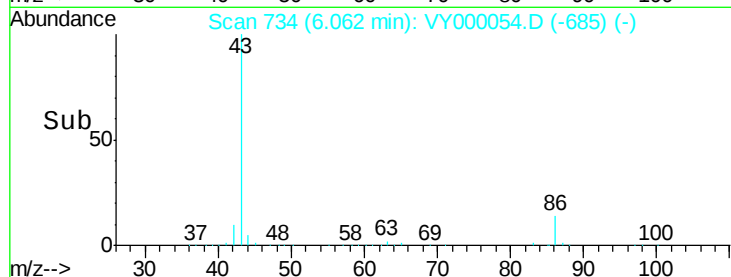
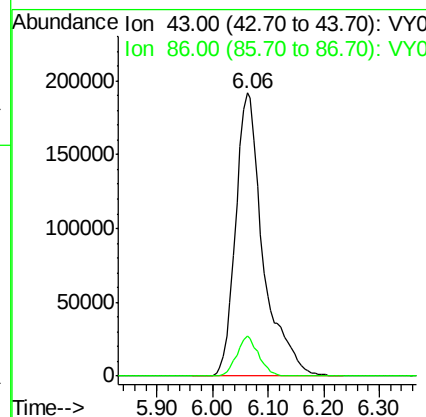
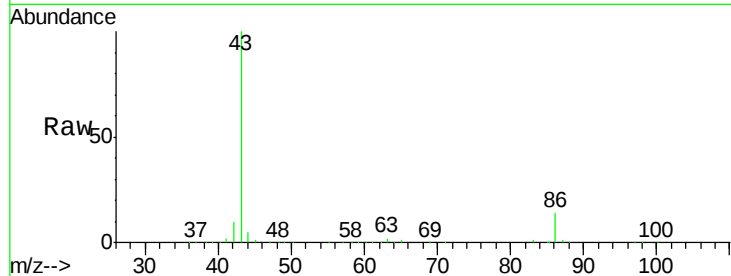
#23
 Vinyl Acetate
 Concen: 268.437 ug/l
 RT: 6.06 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	Resp	655150
Ion Ratio	Lower	Upper	
43	100		
86	14.1	11.3	16.9

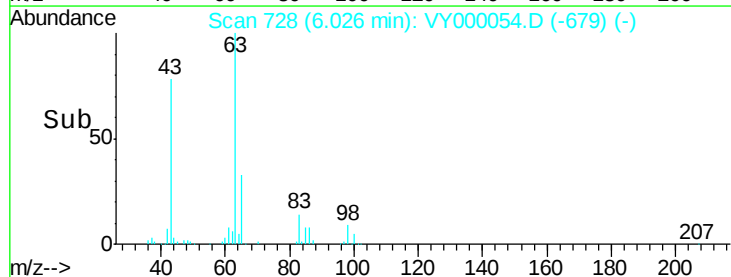
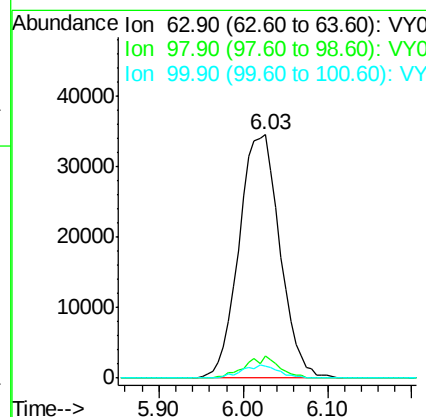
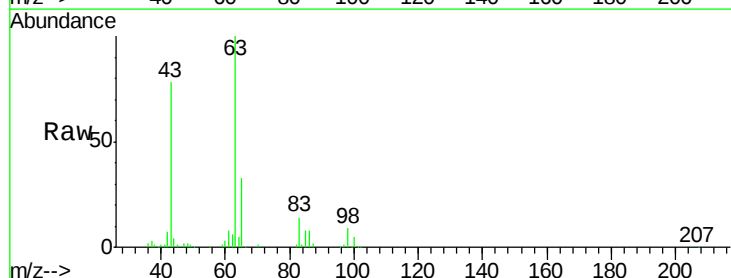
Manual Integrations
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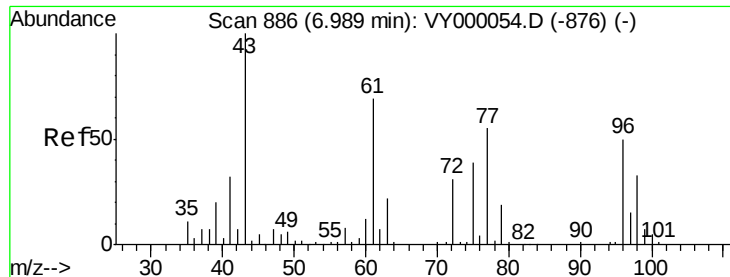
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 54.043 ug/l
 RT: 6.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion	63	Resp	113735
Ion Ratio	Lower	Upper	
63	100		
98	9.0	4.5	13.5
100	5.0	2.5	7.5





#25

2-Butanone

Concen: 261.866 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 140926

Ion Ratio Lower Upper

43 100

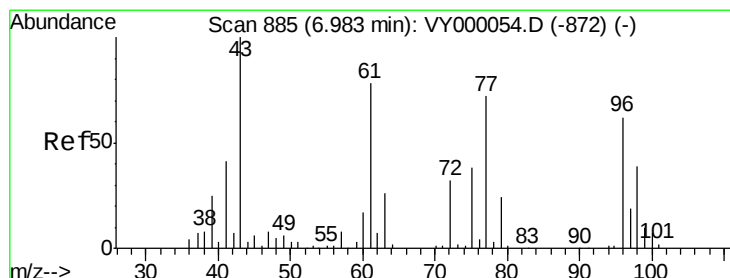
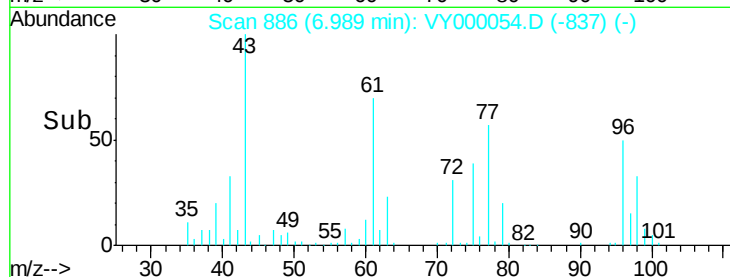
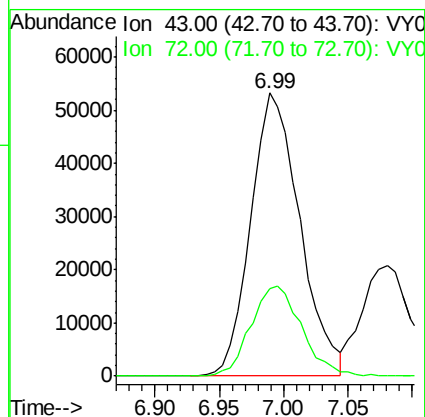
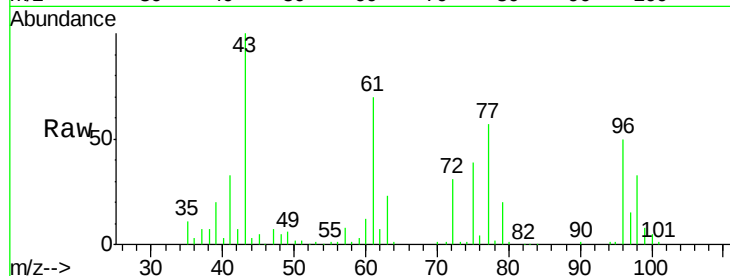
72 30.9 24.7 37.1

Manual Integrations

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9/19/2019 1:29:34 AM



#26

2,2-Dichloropropane

Concen: 51.077 ug/l

RT: 6.98 min Scan# 885

Delta R.T. 0.00 min

Lab File: VY000054.D

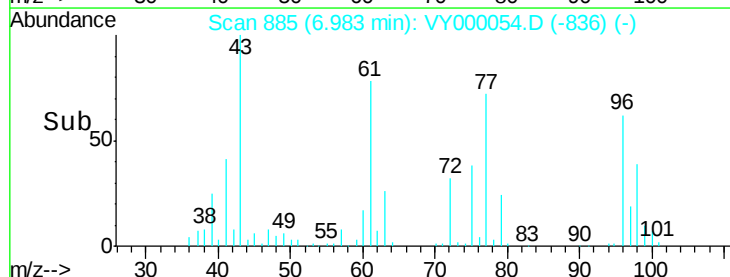
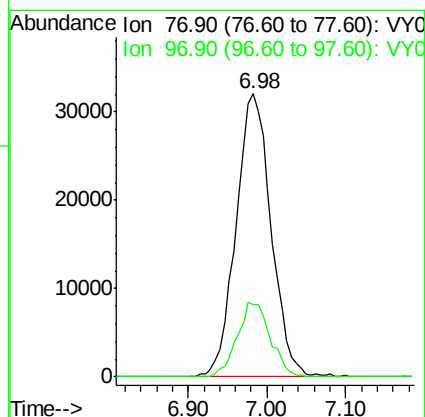
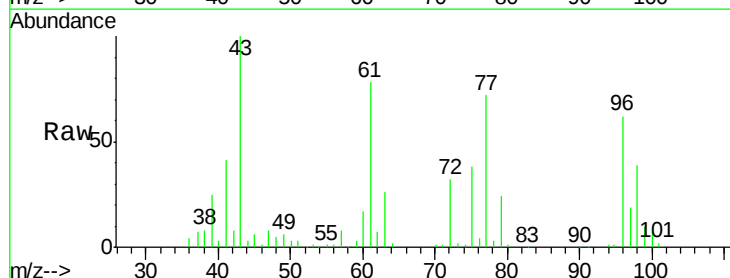
Acq: 17 Sep 2019 11:42

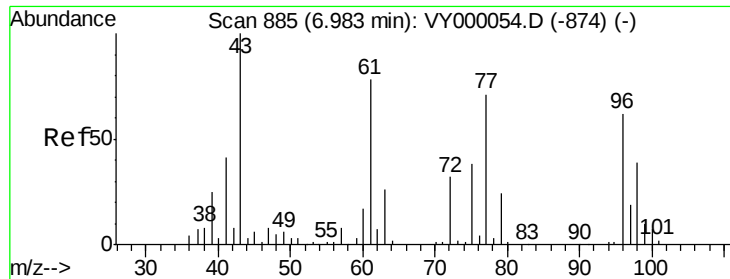
Tgt Ion: 77 Resp: 99197

Ion Ratio Lower Upper

77 100

97 25.0 12.5 37.5





#27

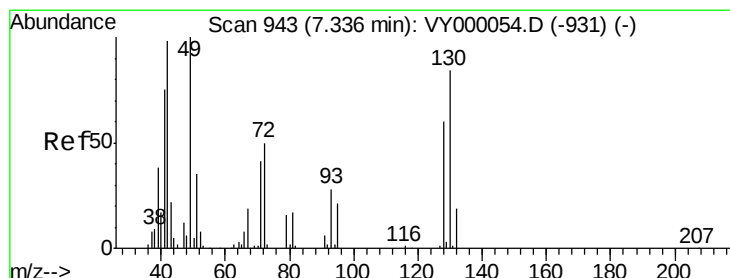
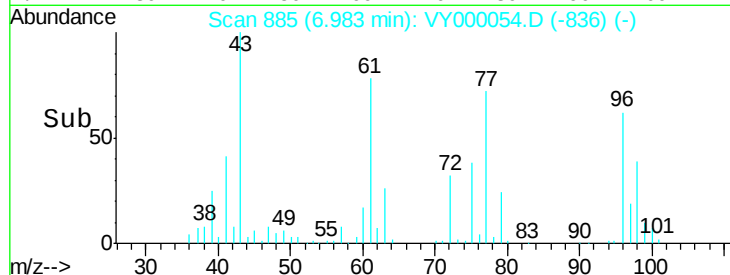
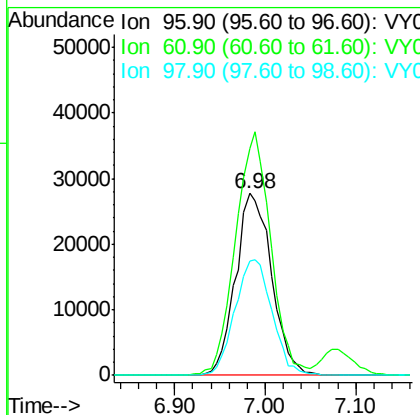
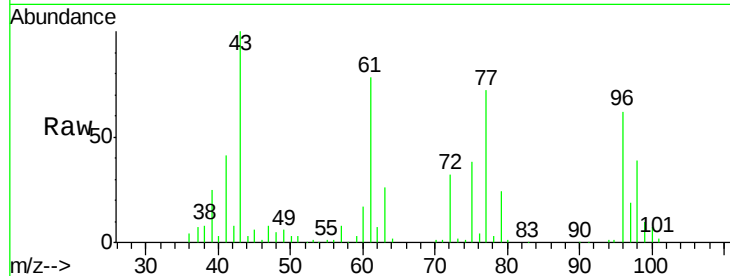
cis-1,2-Dichloroethene
Concen: 53.124 ug/l
RT: 6.98 min Scan# 885
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	263.0
98	65.1	0.0	130.2

Manual Integrations
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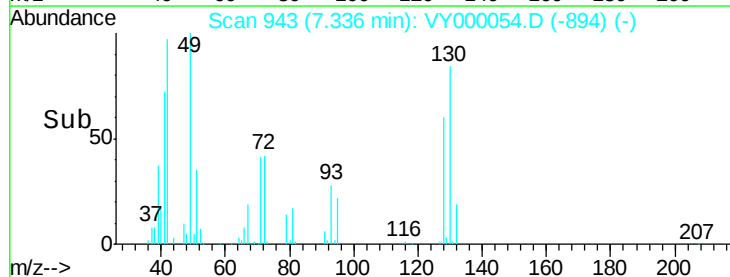
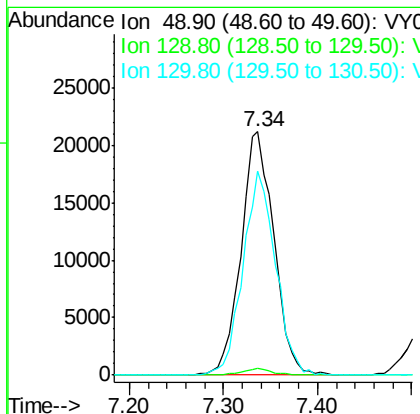
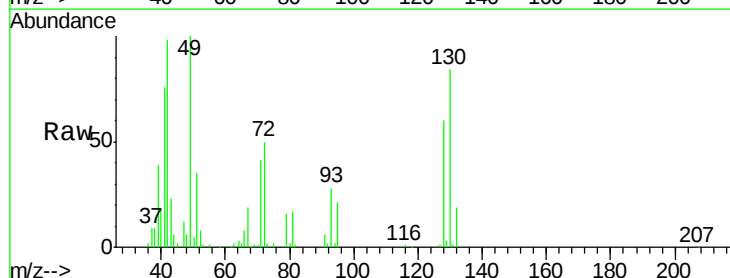
MMDadoda
9/19/2019 1:29:34 AM

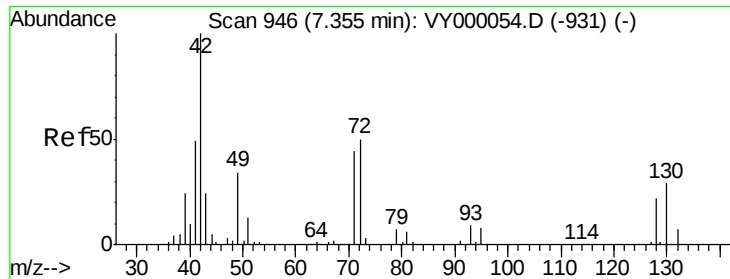


#28

Bromochloromethane
Concen: 54.252 ug/l
RT: 7.34 min Scan# 943
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	82.8	66.2	99.4





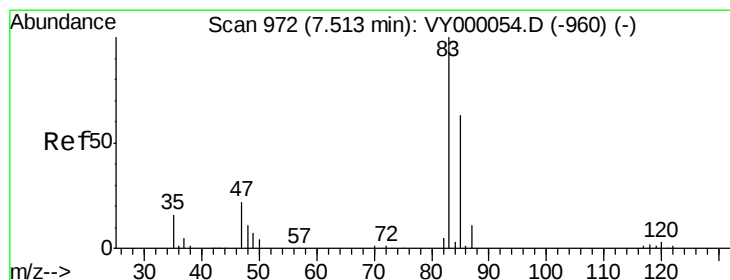
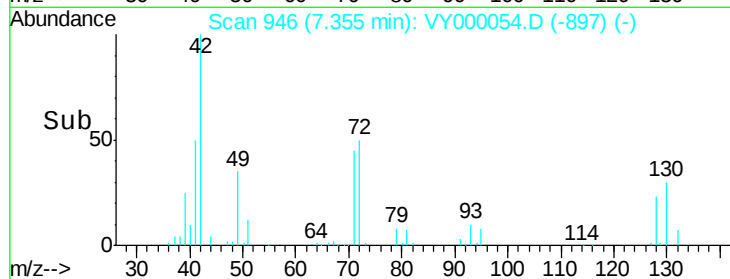
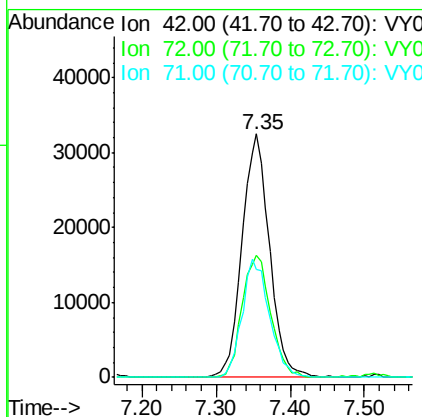
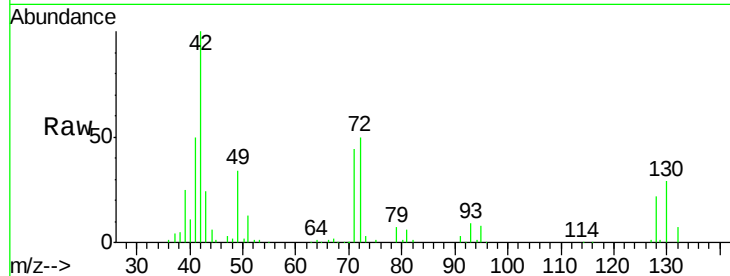
#29
Tetrahydrofuran
Concen: 262.544 ug/l
RT: 7.35 min Scan# 946
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.2	41.8	62.6
71	48.3	38.6	58.0

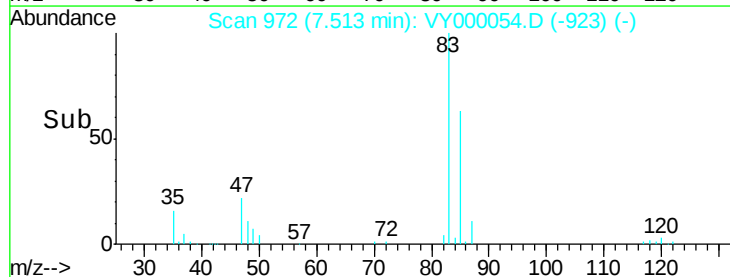
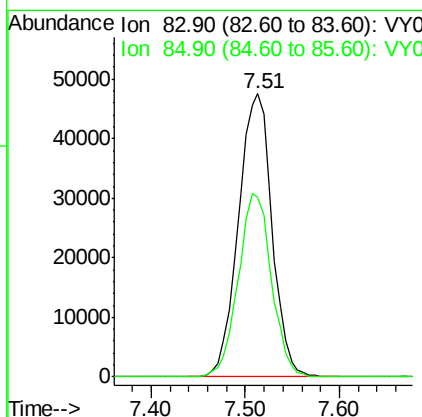
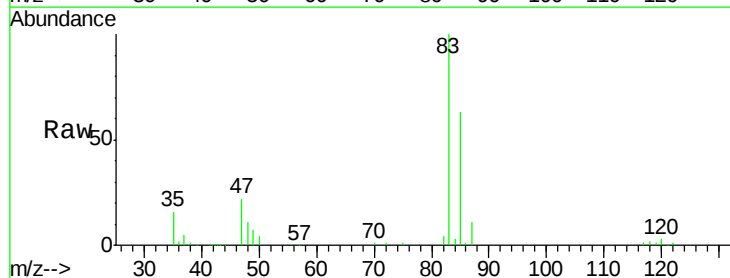
Manual Integrations
APPROVED

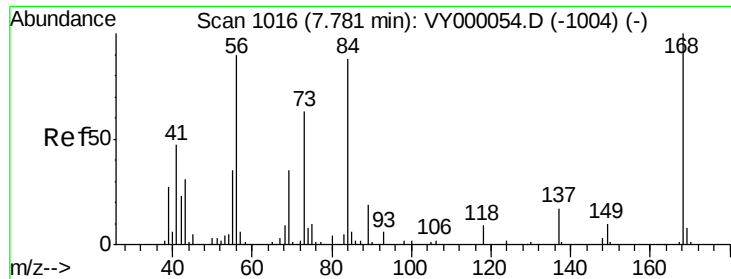
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#30
Chloroform
Concen: 54.492 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





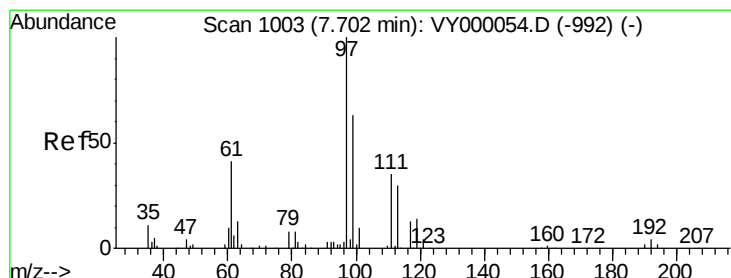
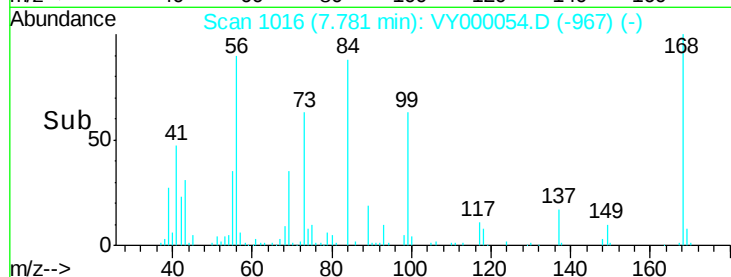
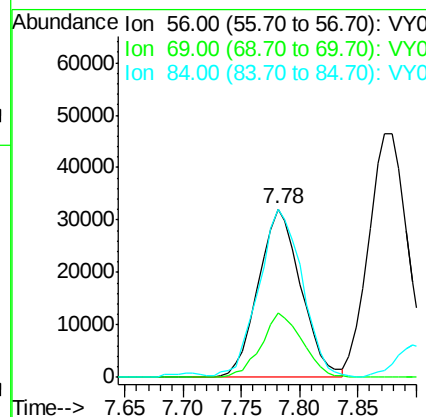
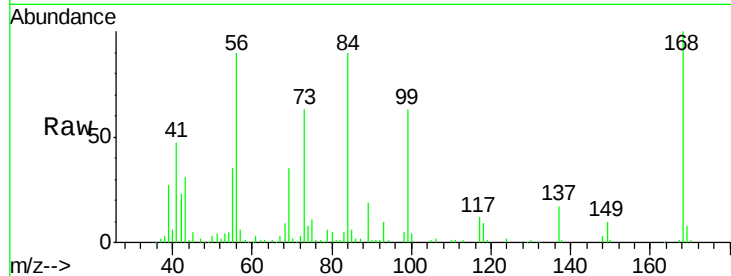
#31
Cyclohexane
Concen: 47.122 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	81657
Ion	Ratio	Lower	Upper
56	100		
69	38.6	30.9	46.3
84	98.1	78.5	117.7

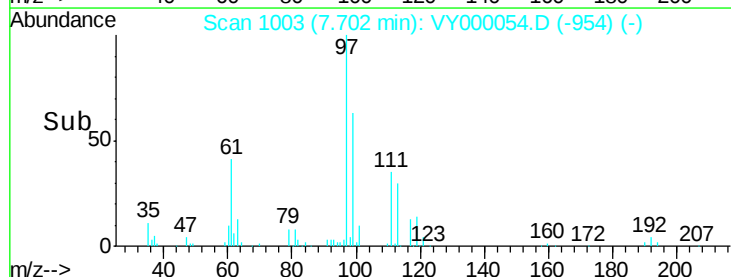
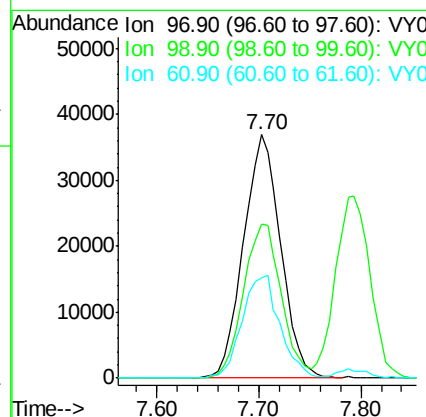
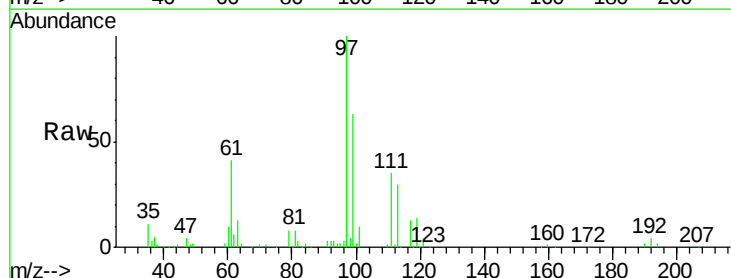
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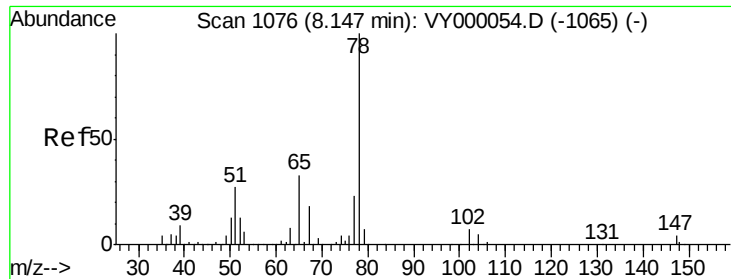
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#32
1,1,1-Trichloroethane
Concen: 52.774 ug/l
RT: 7.70 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	97	Resp	93398
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	42.9	34.3	51.5





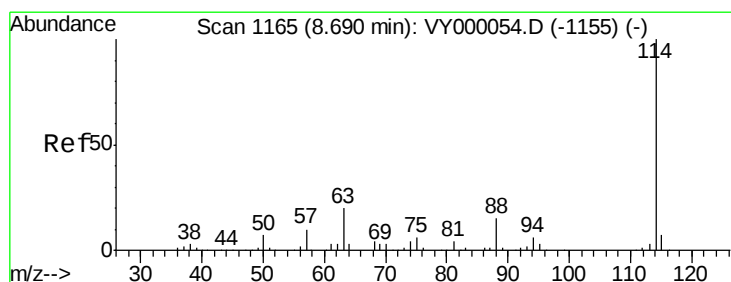
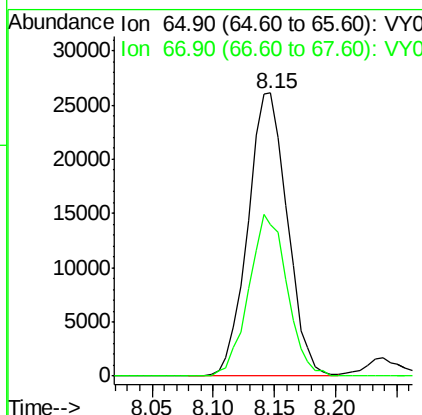
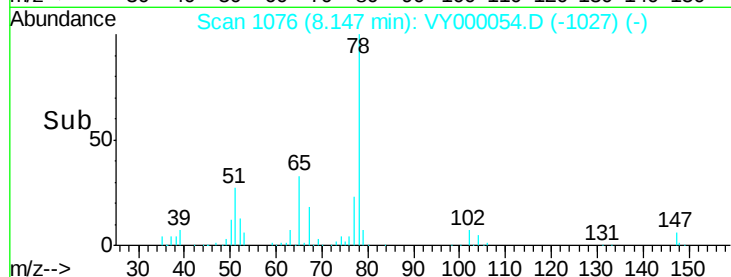
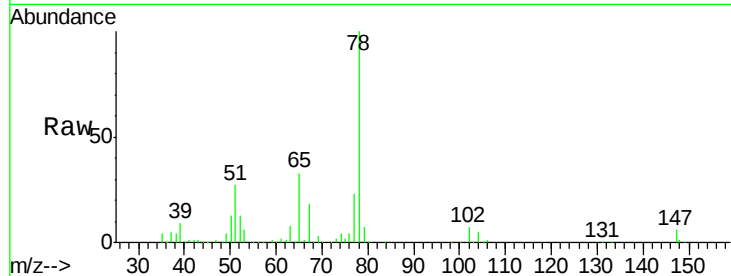
#33
 1,2-Dichloroethane-d4
 Concen: 49.595 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	58623		
67	55.5	0.0	111.0	

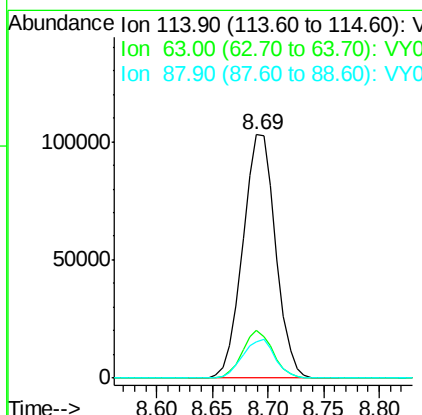
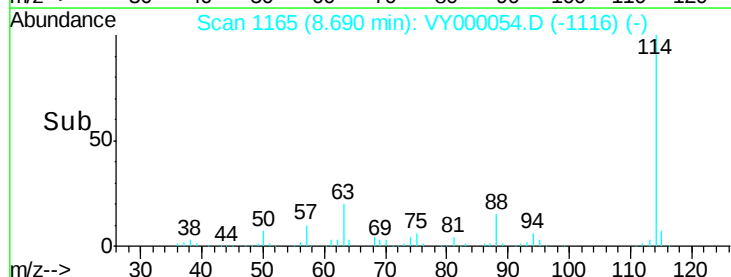
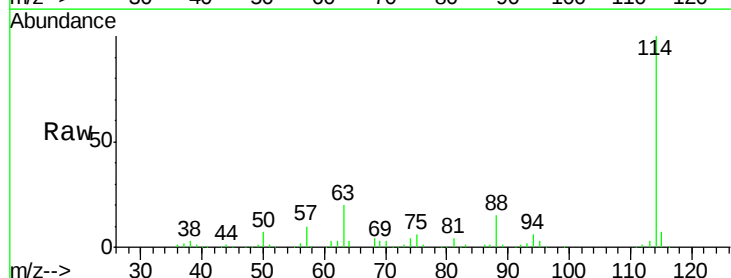
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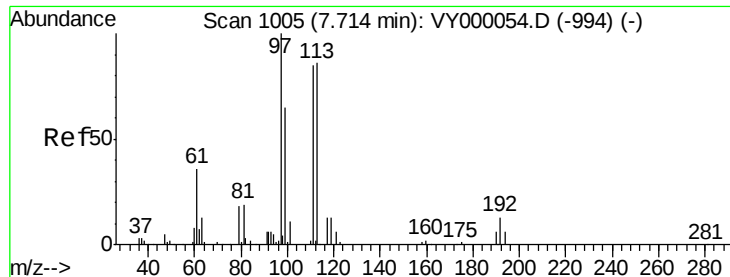
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	210795		
63	19.7	0.0	39.4	
88	15.1	0.0	30.2	





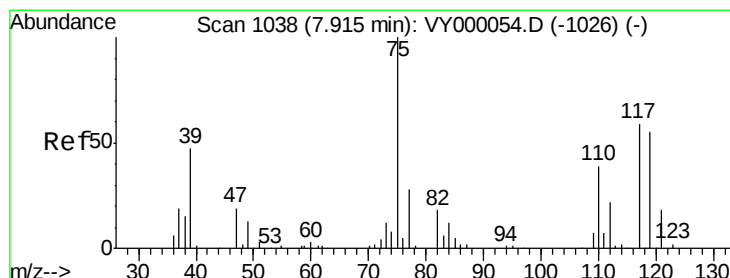
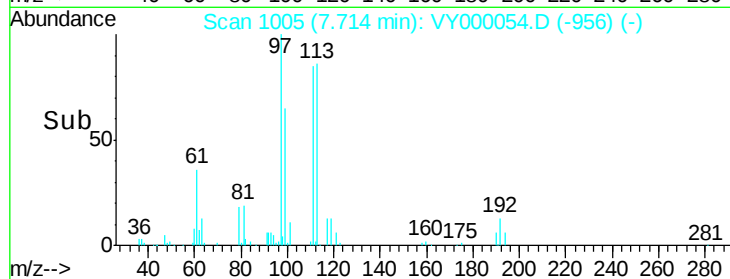
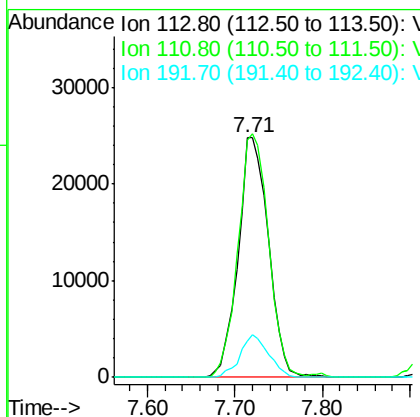
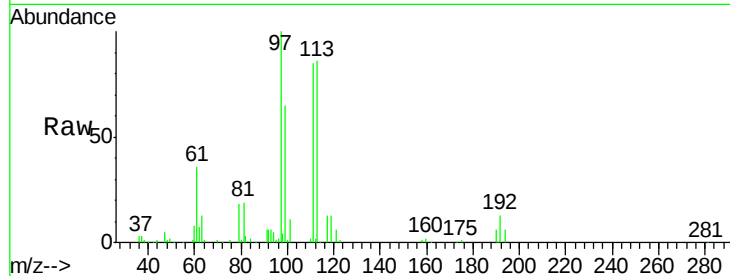
#35
 Dibromofluoromethane
 Concen: 49.220 ug/l
 RT: 7.71 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.7	122.5
192	16.8	13.4	20.2

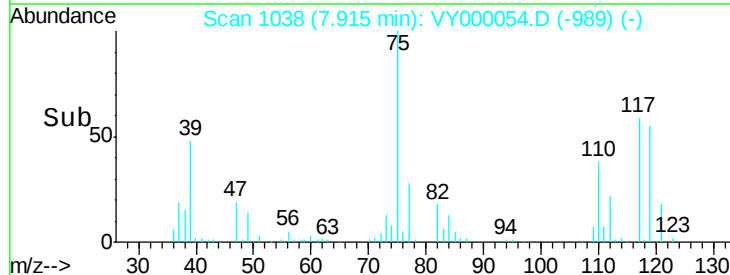
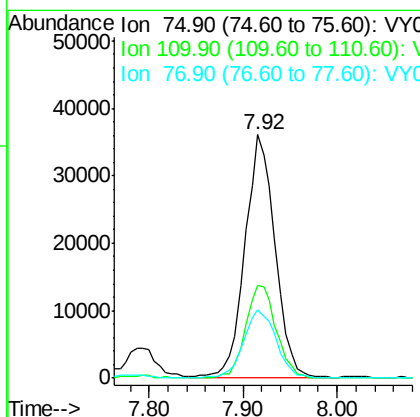
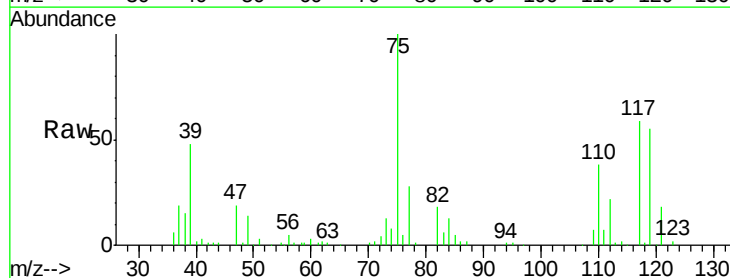
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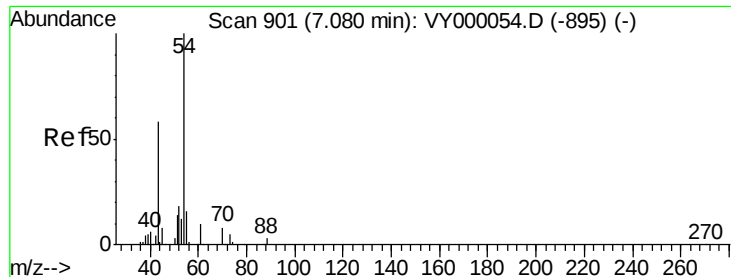
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#36
 1,1-Dichloropropene
 Concen: 51.501 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.6	58.7
77	30.4	24.3	36.5





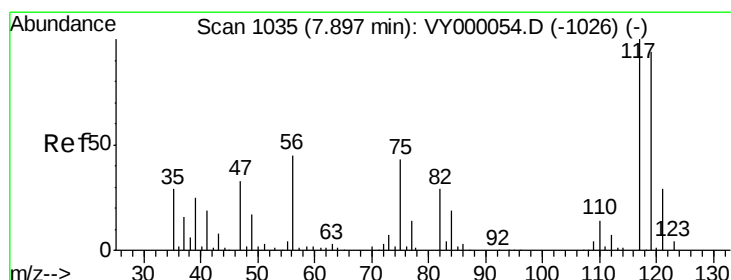
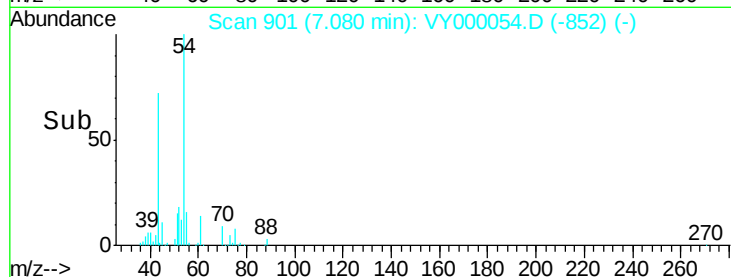
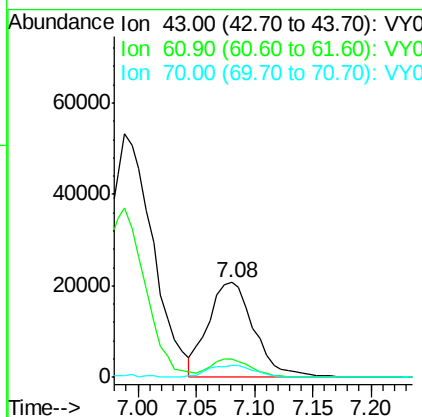
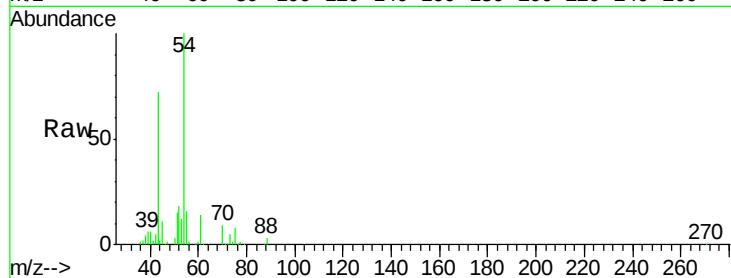
#37
Ethyl Acetate
Concen: 53.133 ug/l
RT: 7.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.1	21.1
70	13.2	10.6	15.8

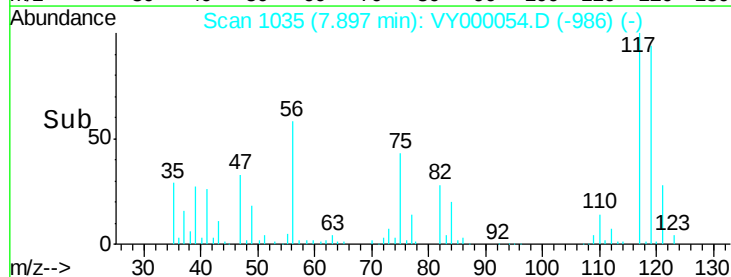
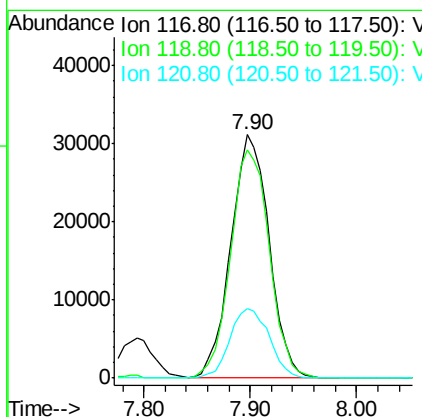
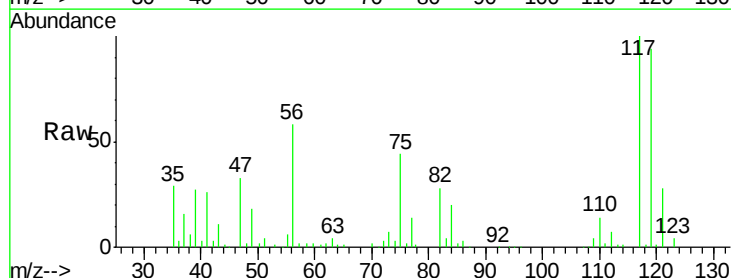
Manual Integrations
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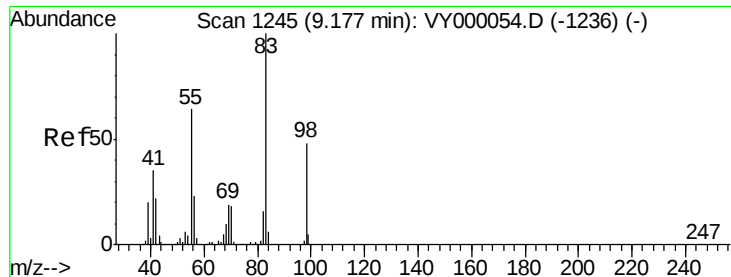
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#38
Carbon Tetrachloride
Concen: 53.211 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	28.5	22.8	34.2





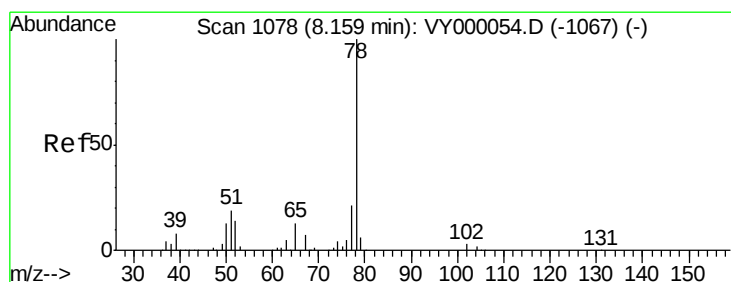
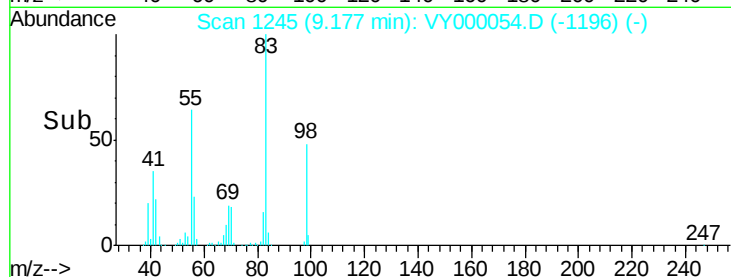
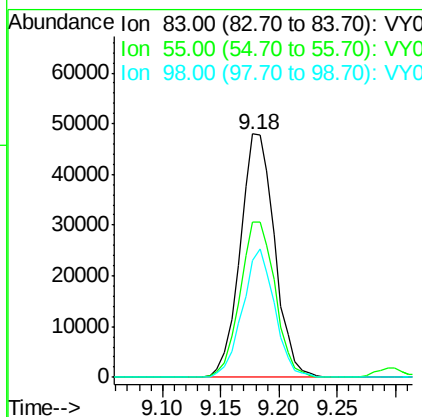
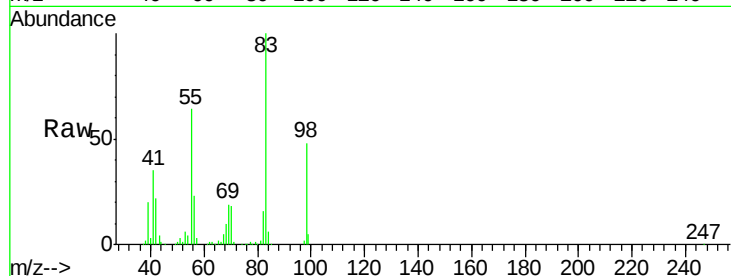
#39
Methvlcvclohexane
Concen: 51.103 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.8	51.0	76.6
98	48.1	38.5	57.7

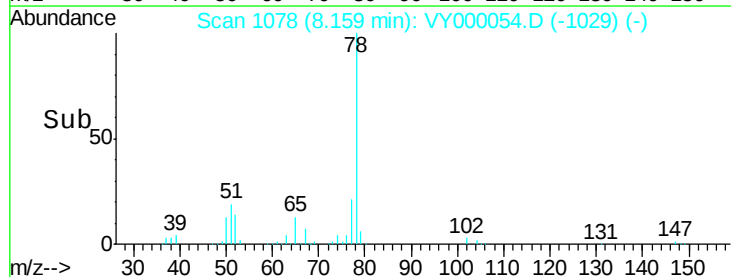
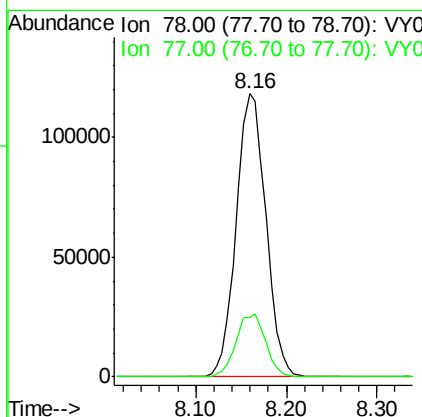
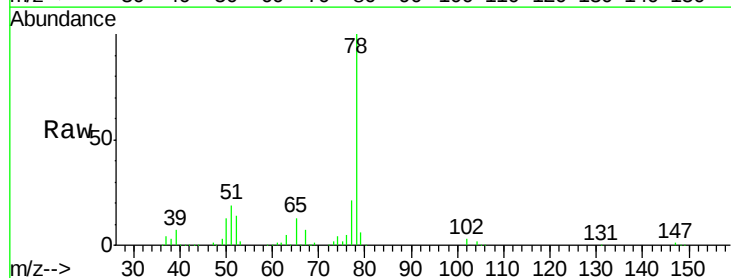
Manual Integrations
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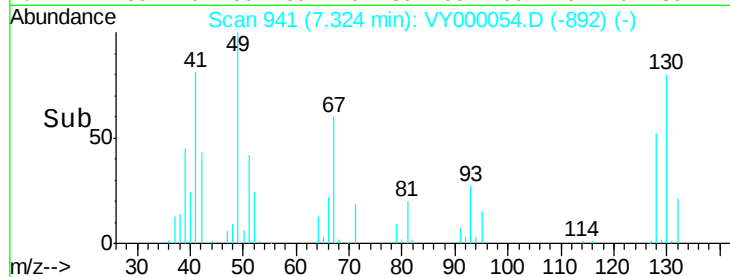
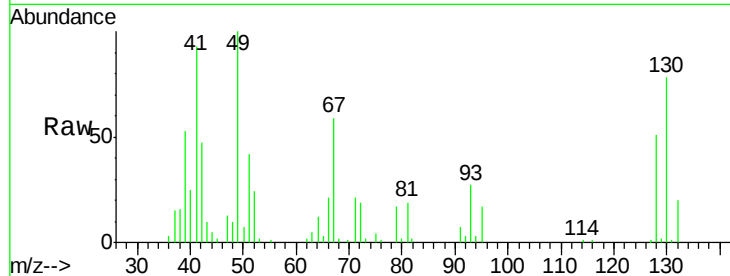
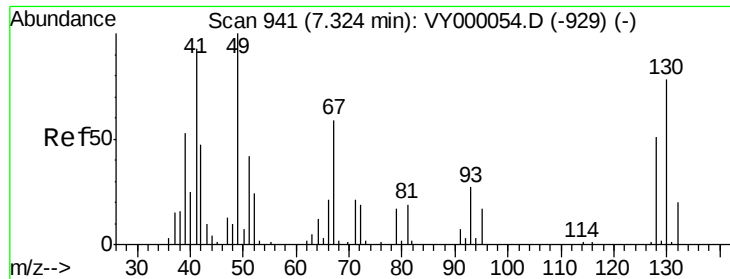
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9/19/2019 1:29:34 AM



#40
Benzene
Concen: 52.410 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.0	16.8	25.2





#41

Methacrylonitrile

Concen: 54.840 ug/l m

RT: 7.32 min Scan# 941

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tot Ion:	41	Resp:	33453
Ion Ratio	Lower	Upper	
41	100		
39	114.7	91.8	137.6
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :

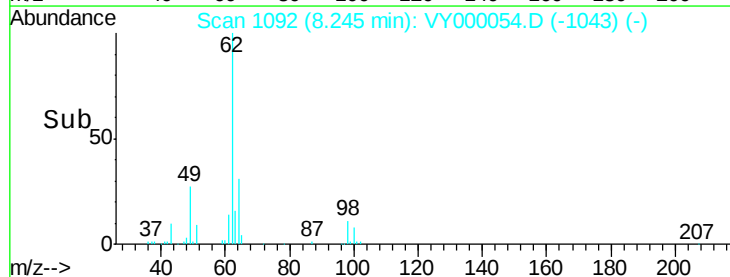
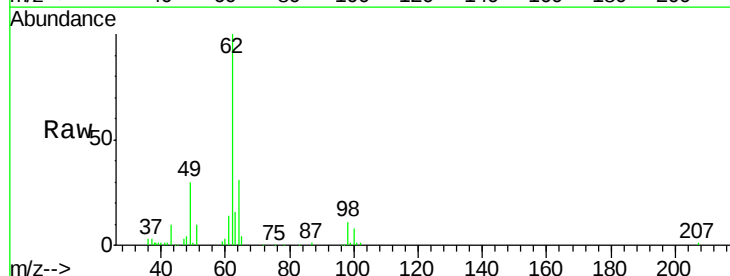
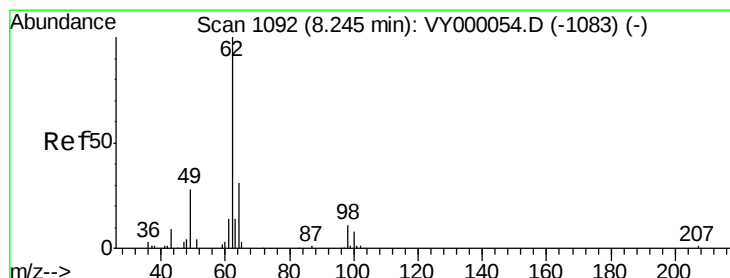
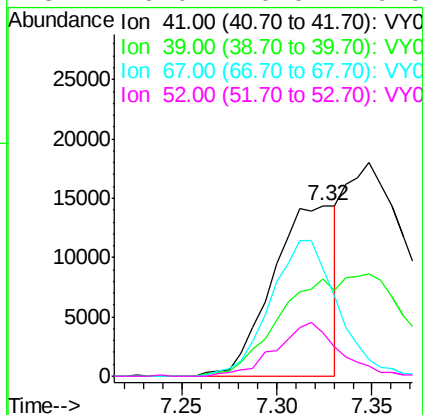
MSVOA_Y

ClientSampleId :

VSTDICCC050

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 53.996 ug/l

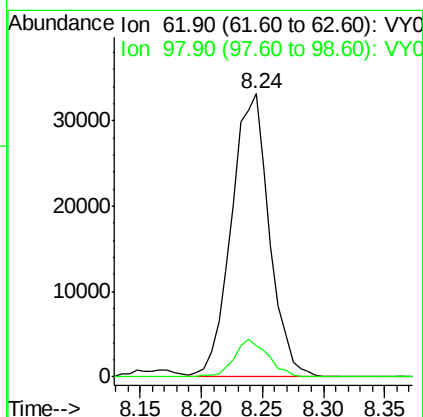
RT: 8.24 min Scan# 1092

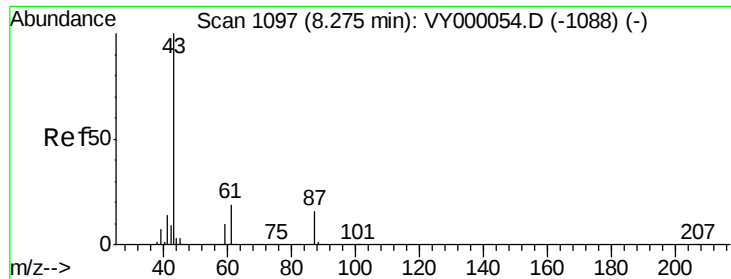
Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion:	62	Resp:	70945
Ion Ratio	Lower	Upper	
62	100		
98	11.8	0.0	23.6





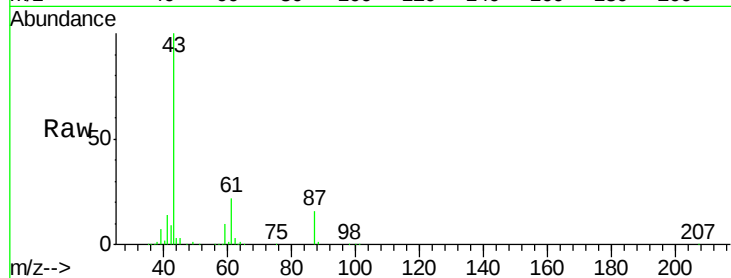
#43
Isopropyl Acetate
Concen: 53.235 ug/l
RT: 8.28 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

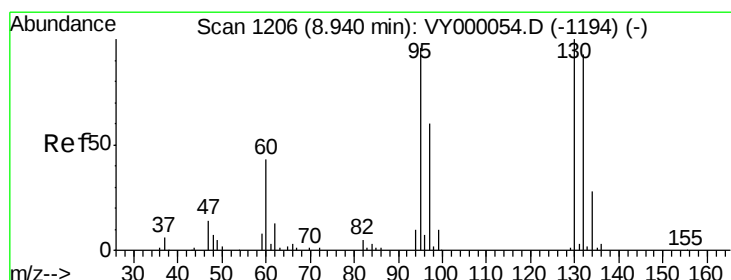
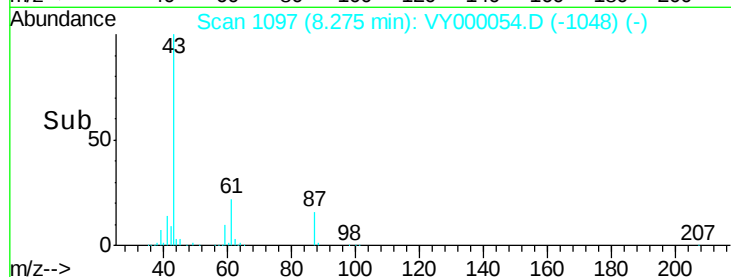
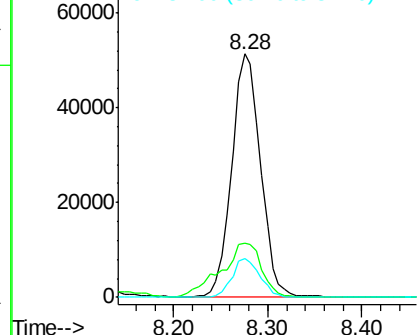
Tot Ion	Ratio	Lower	Upper
43	100		
61	31.3	25.0	37.6
87	15.5	12.4	18.6

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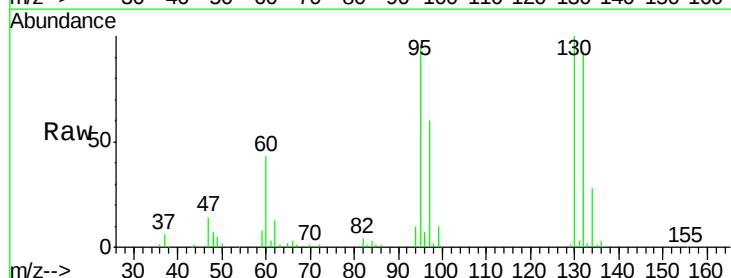


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

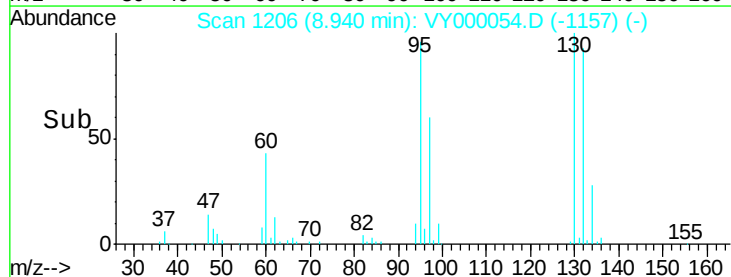
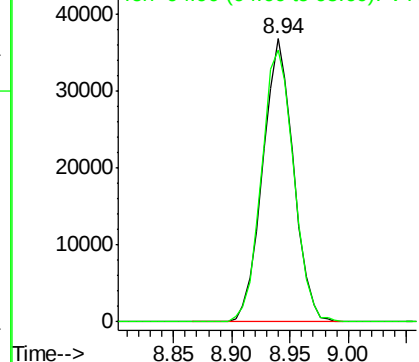


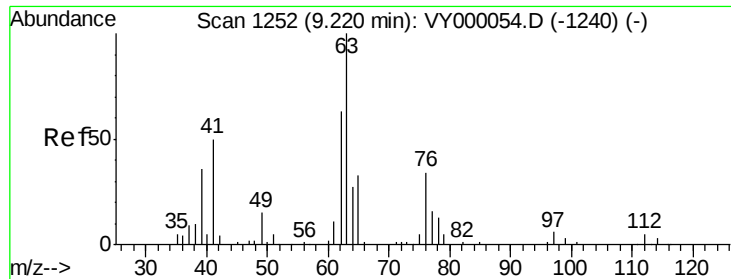
#44
Trichloroethene
Concen: 53.044 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





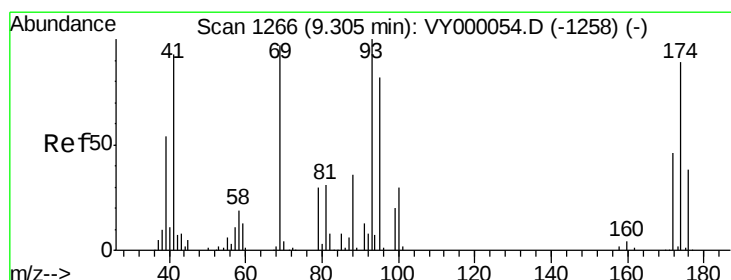
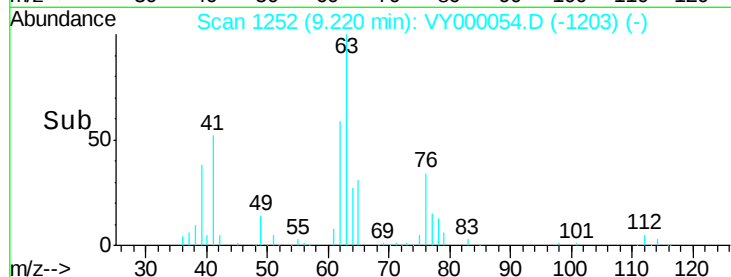
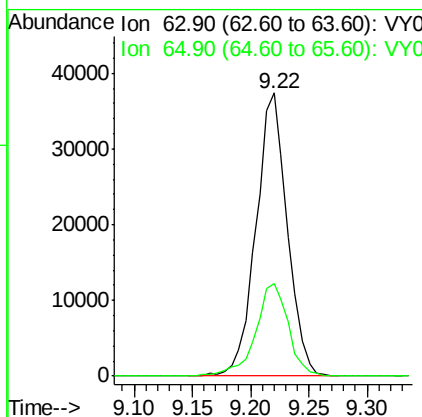
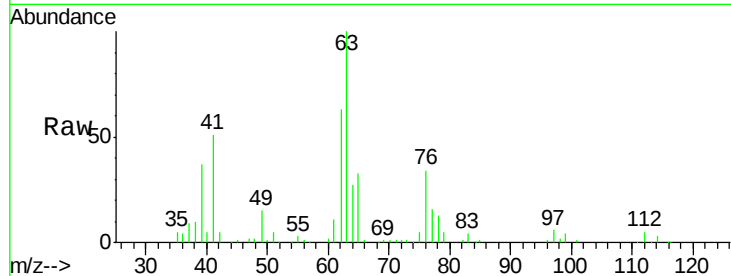
#45
 1,2-Dichloropropane
 Concen: 53.243 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 70138
 Ion Ratio Lower Upper
 63 100
 65 32.8 26.2 39.4

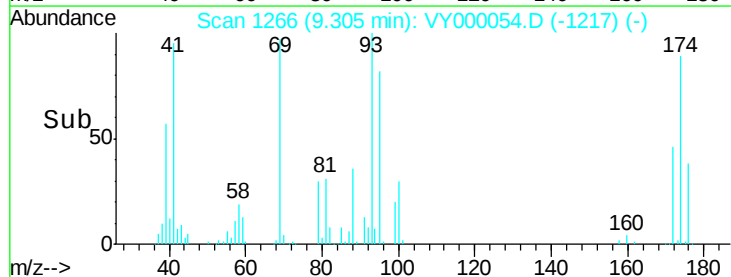
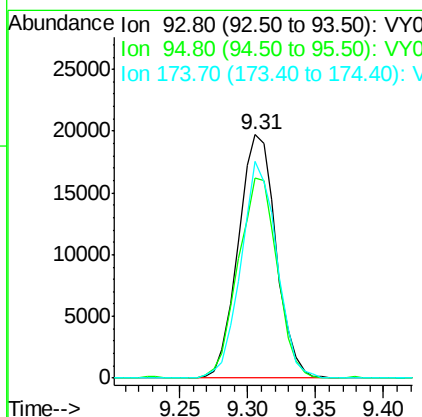
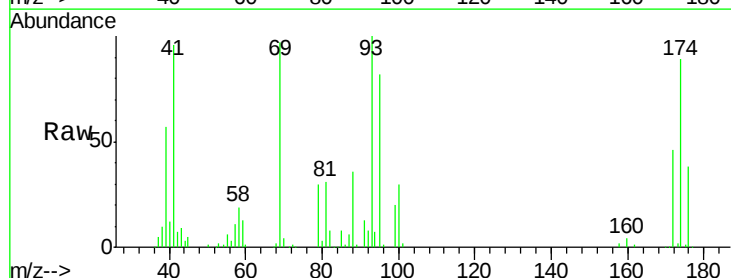
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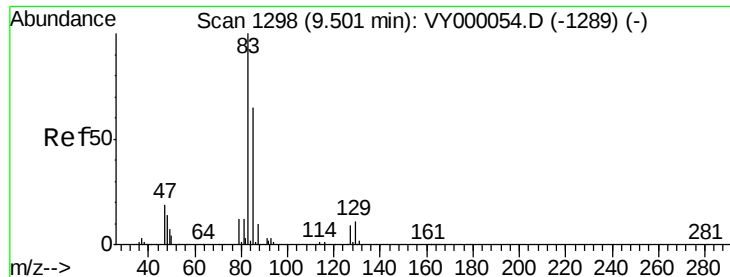
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 9/19/2019 1:29:34 AM



#46
 Dibromomethane
 Concen: 52.257 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion: 93 Resp: 38258
 Ion Ratio Lower Upper
 93 100
 95 85.1 68.1 102.1
 174 84.7 67.8 101.6





#47

Bromodichloromethane

Concen: 52.997 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

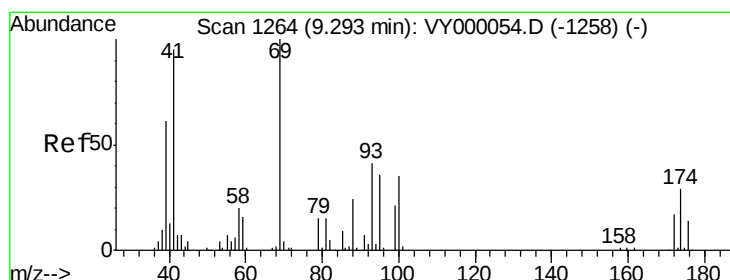
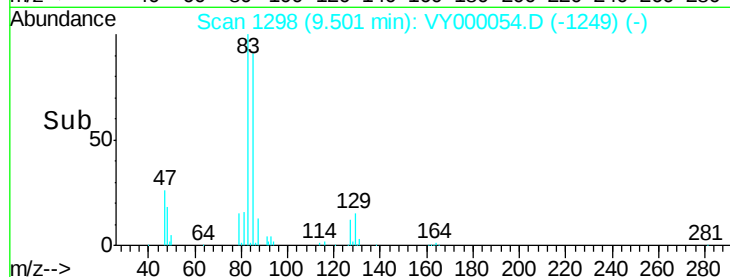
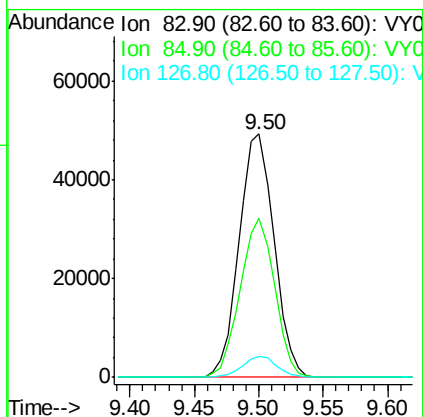
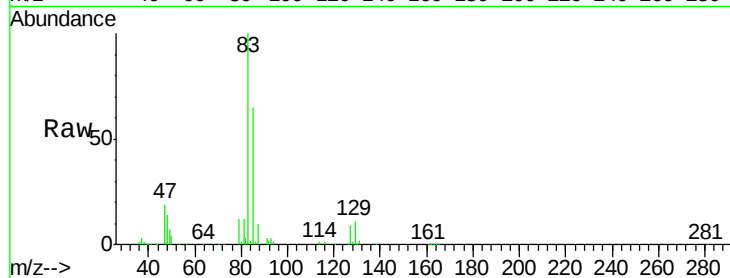
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	92583
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.3	78.5
127	8.5	6.8	10.2

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#48

Methyl methacrylate

Concen: 53.398 ug/l

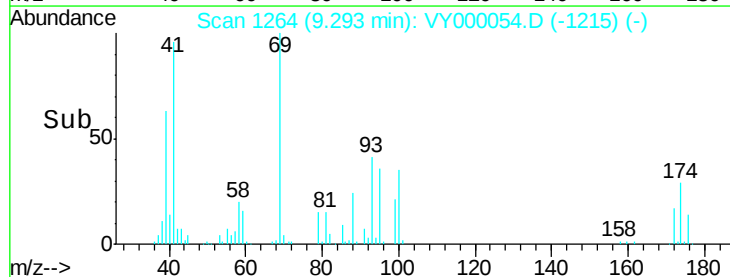
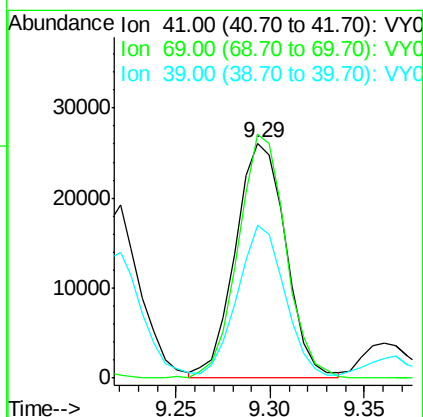
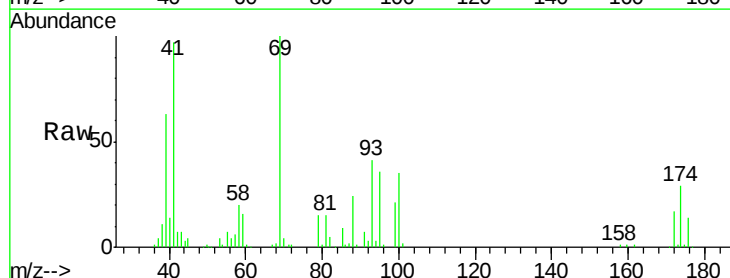
RT: 9.29 min Scan# 1264

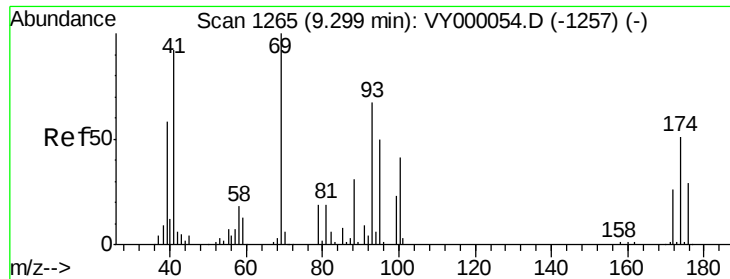
Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion:	41	Resp:	48516
Ion	Ratio	Lower	Upper
41	100		
69	97.6	78.1	117.1
39	61.7	49.4	74.0





#49

1,4-Dioxane

Concen: 1002.655 ug/l

RT: 9.30 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

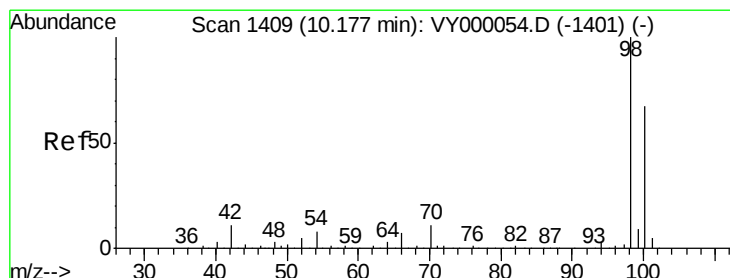
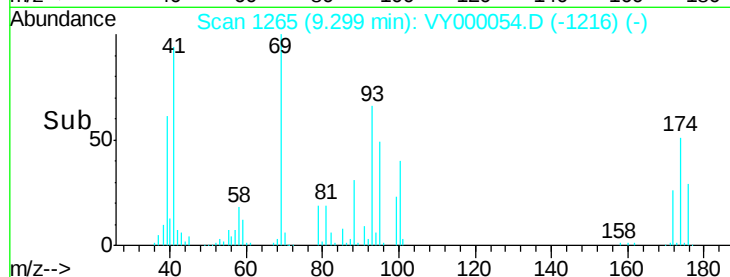
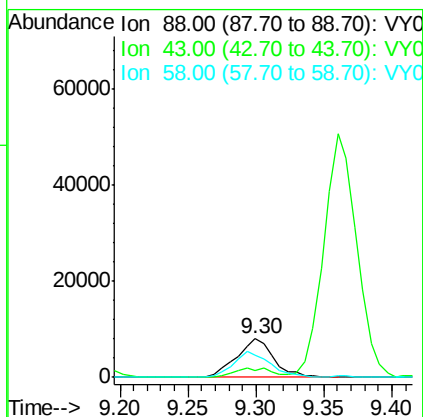
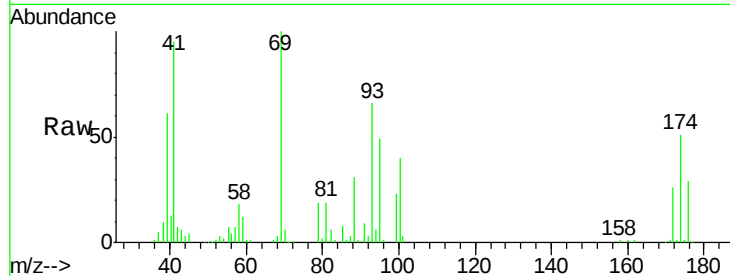
ClientSampleId :

VSTDICCC050

Tot Ion:	88	Resp:	15384
Ion	Ratio	Lower	Upper
88	100		
43	23.4	18.7	28.1
58	66.3	53.0	79.6

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#50

Toluene-d8

Concen: 50.053 ug/l

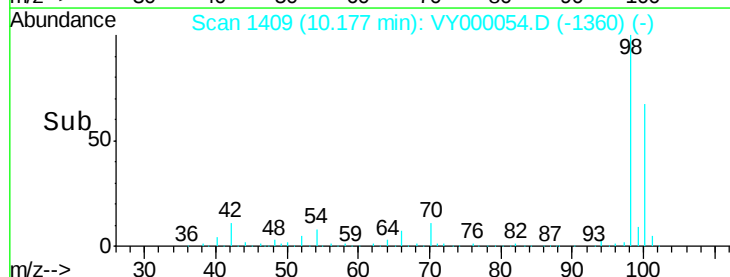
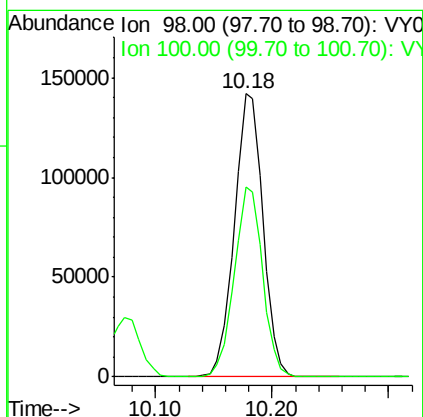
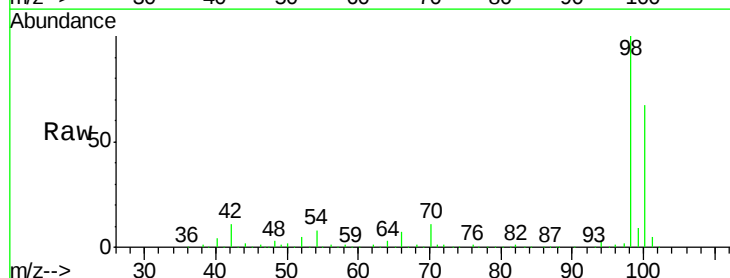
RT: 10.18 min Scan# 1409

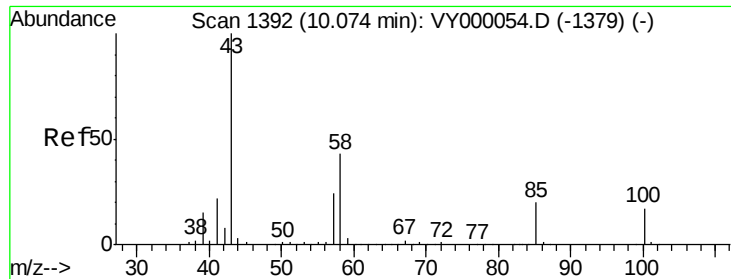
Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion:	98	Resp:	242880
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





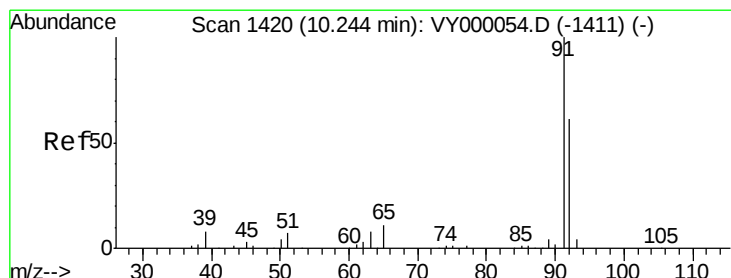
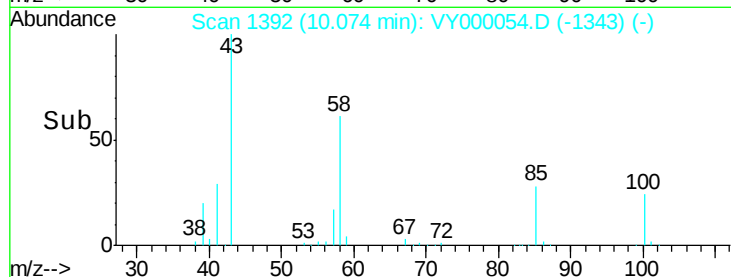
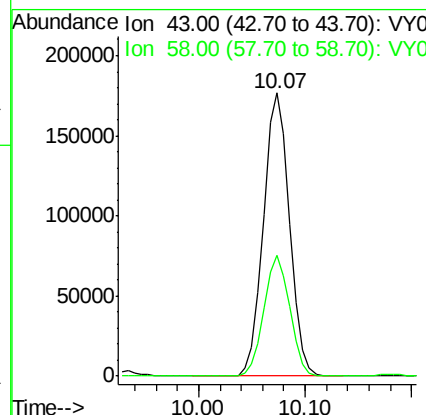
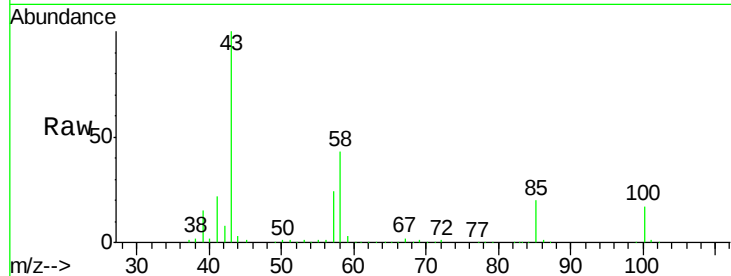
#51
4-Methyl-2-Pentanone
Concen: 264.427 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	42.7		34.2	51.2	

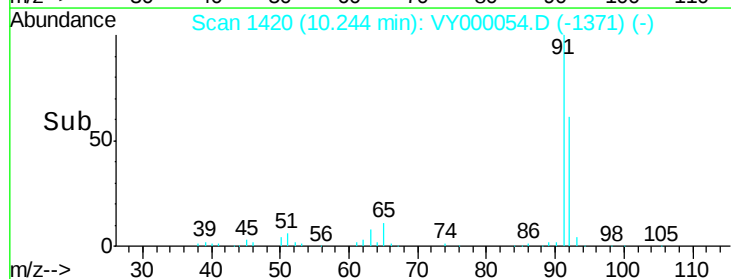
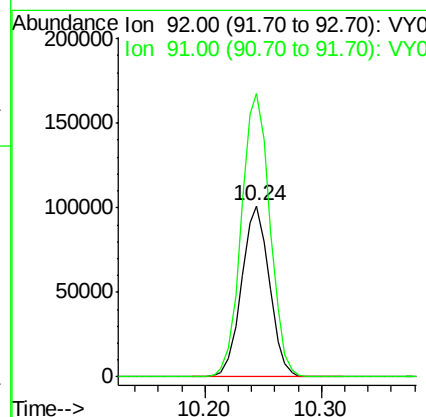
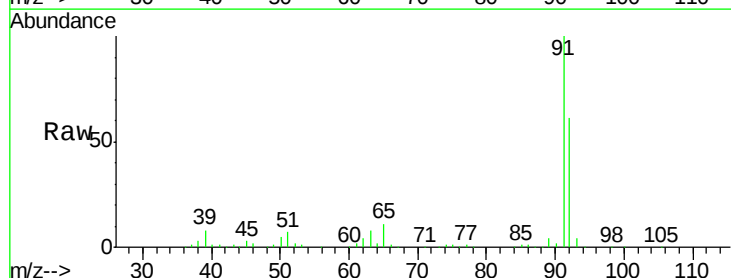
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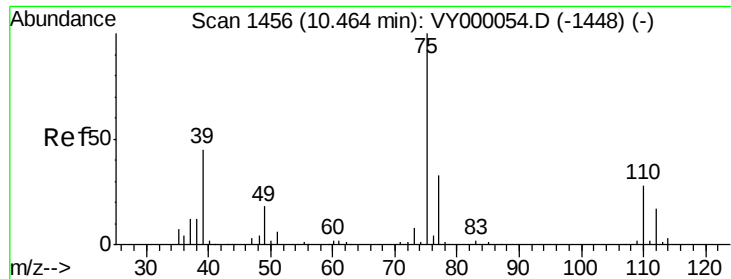
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#52
Toluene
Concen: 52.468 ug/l
RT: 10.24 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	169.7		135.8	203.6	





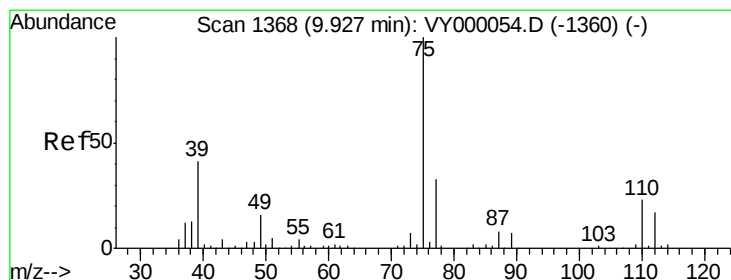
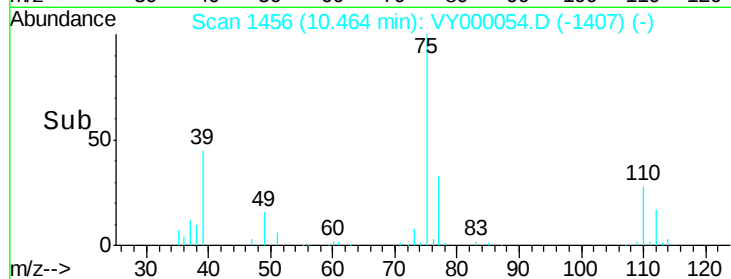
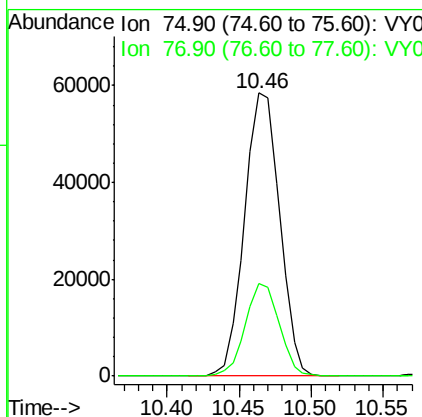
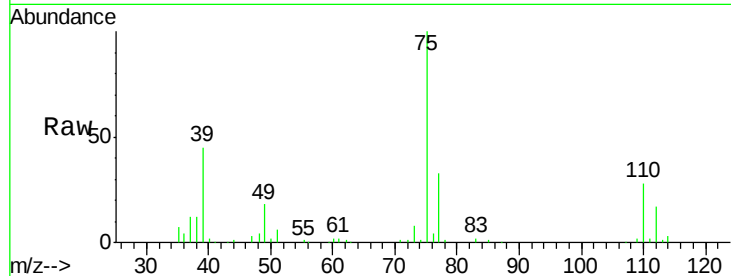
#53
t-1,3-Dichloropropene
Concen: 53.730 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 98818
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2

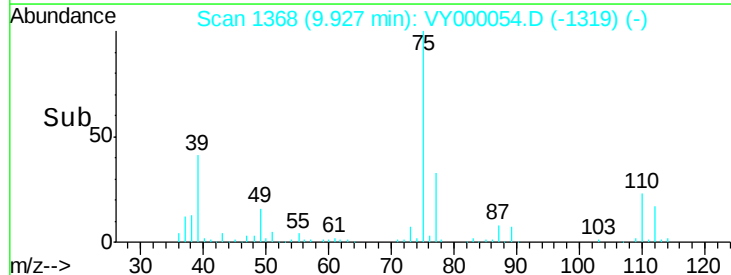
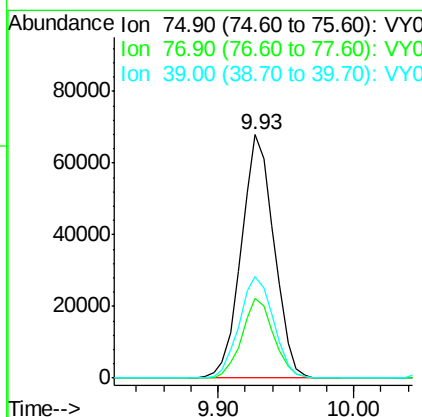
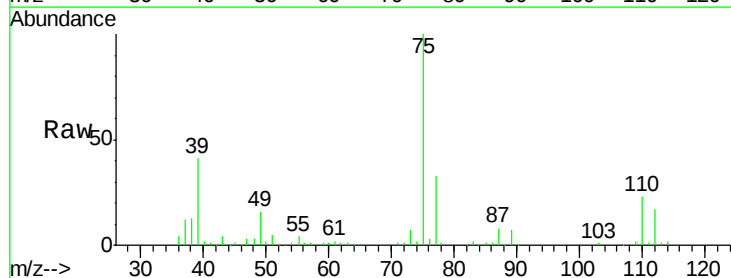
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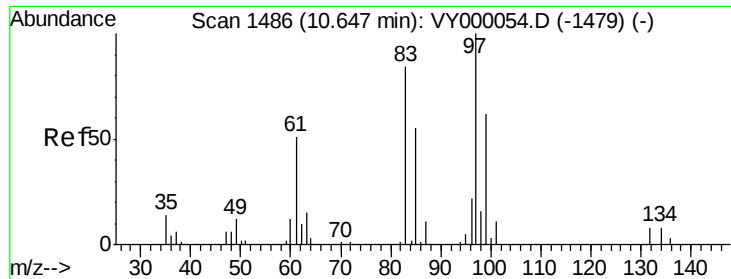
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#54
cis-1,3-Dichloropropene
Concen: 53.207 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion: 75 Resp: 114178
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 41.4 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 54.195 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

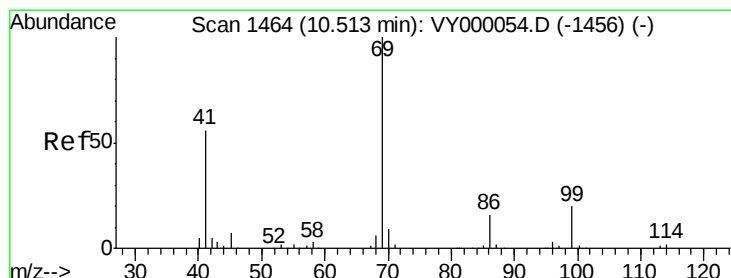
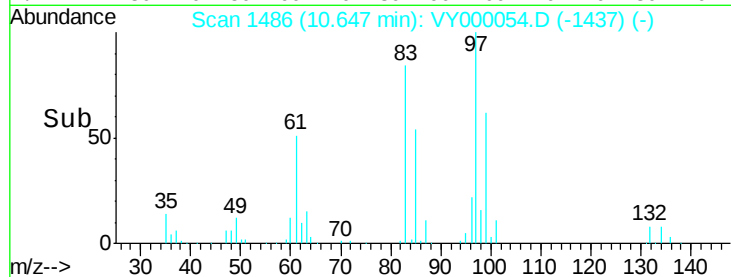
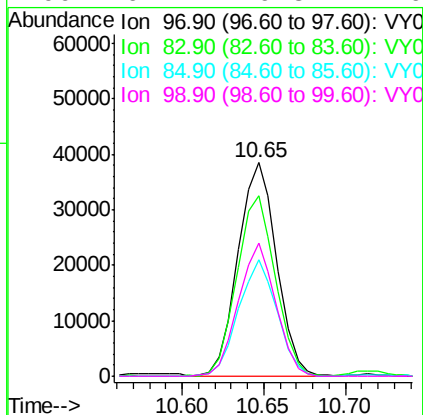
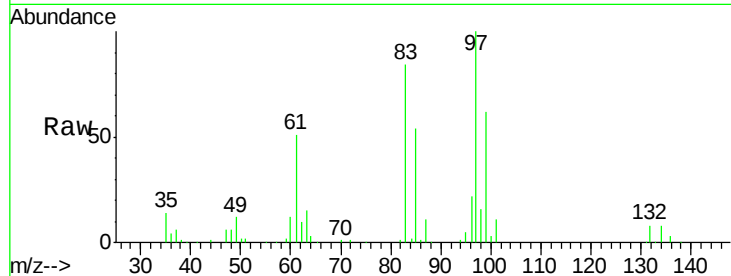
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	63231
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.3	100.9
85	54.5	43.6	65.4
99	62.2	49.8	74.6

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#56

Ethyl methacrylate

Concen: 54.245 ug/l

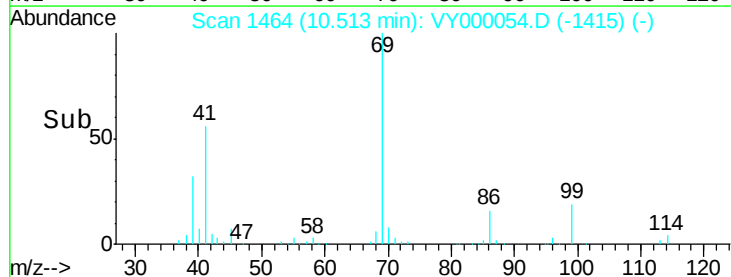
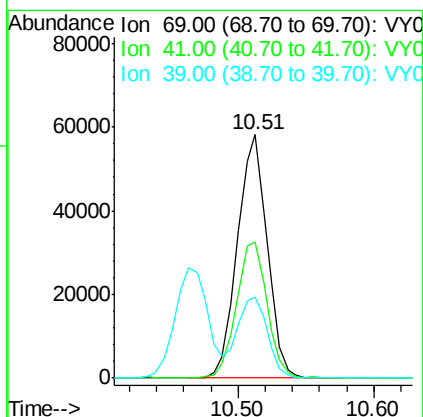
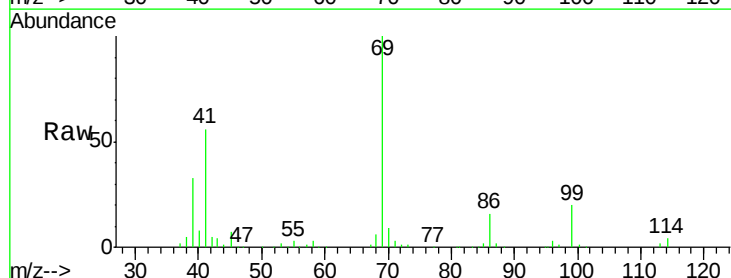
RT: 10.51 min Scan# 1464

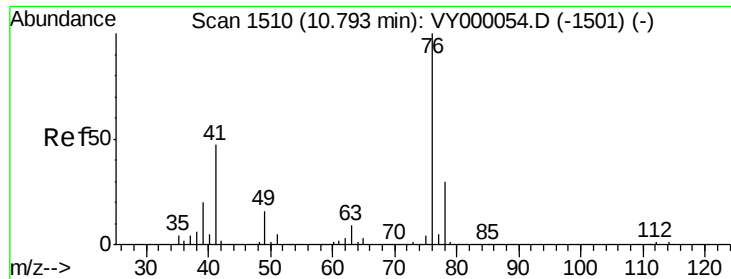
Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion:	69	Resp:	88671
Ion	Ratio	Lower	Upper
69	100		
41	57.0	45.6	68.4
39	34.1	27.3	40.9





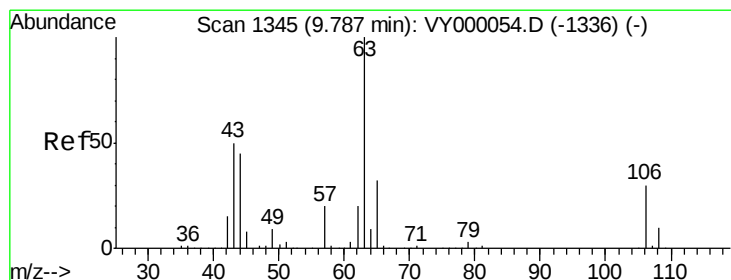
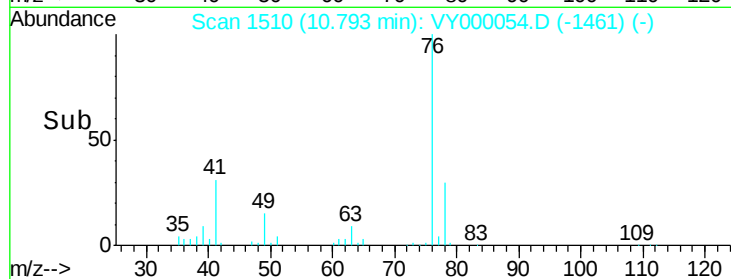
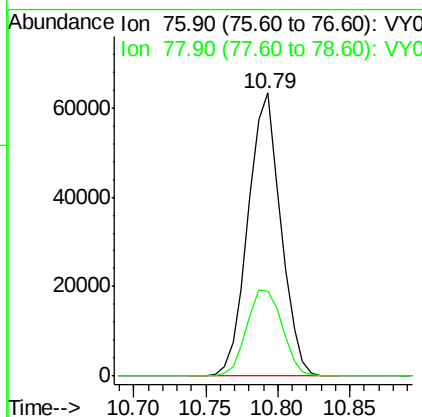
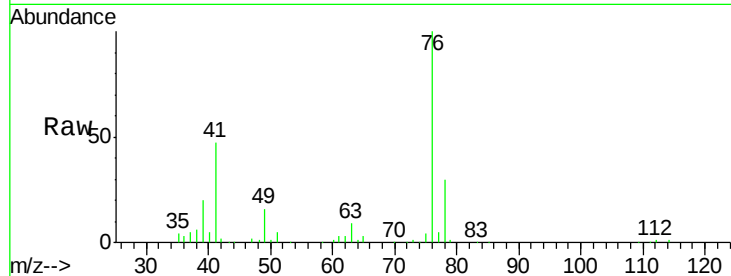
#57
 1,3-Dichloropropane
 Concen: 53.332 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.6	40.0

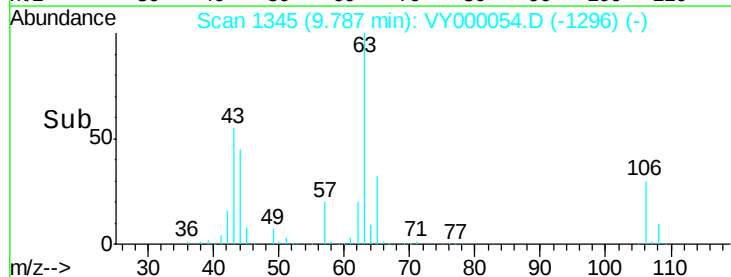
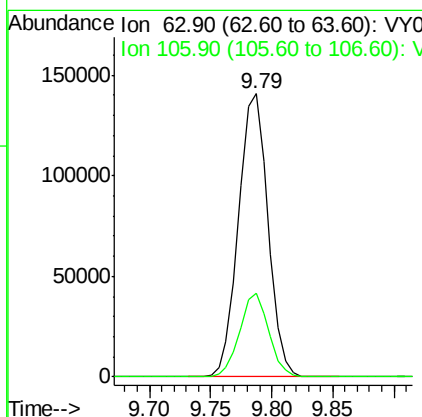
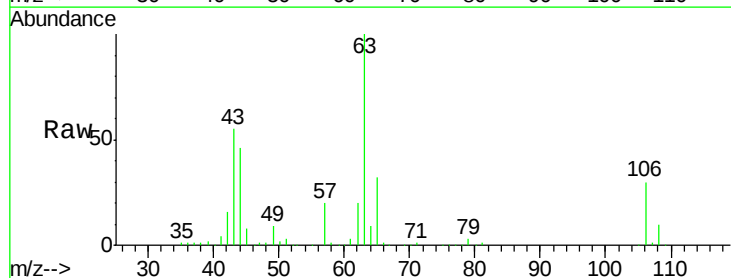
Manual Integrations
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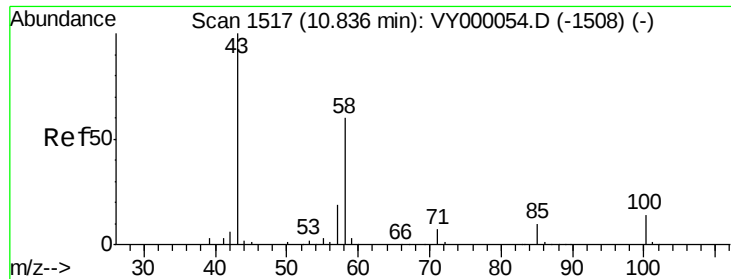
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 9/19/2019 1:29:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.475 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.3	34.9





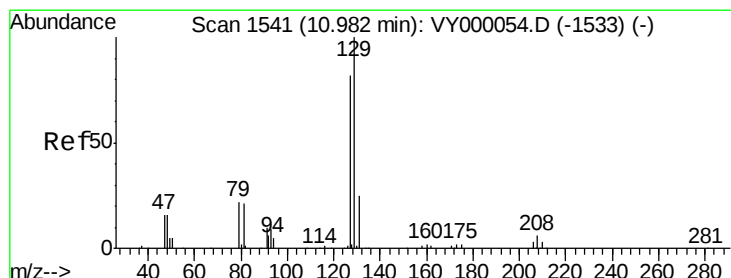
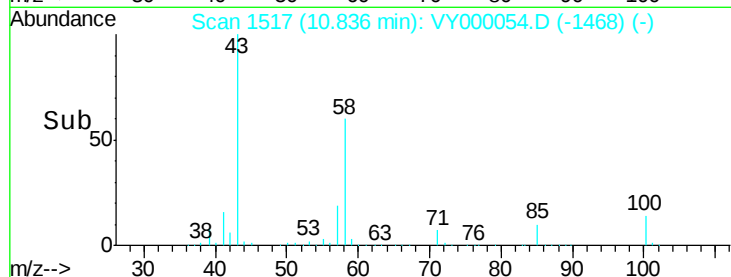
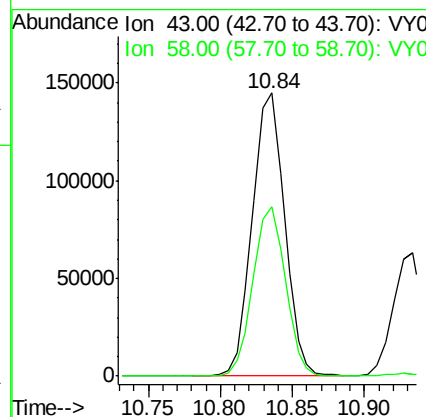
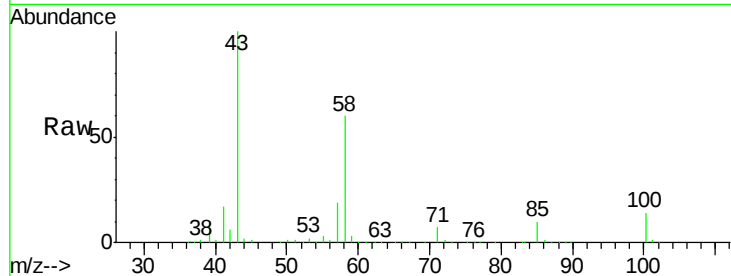
#59
2-Hexanone
Concen: 271.863 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.8	29.9	89.7

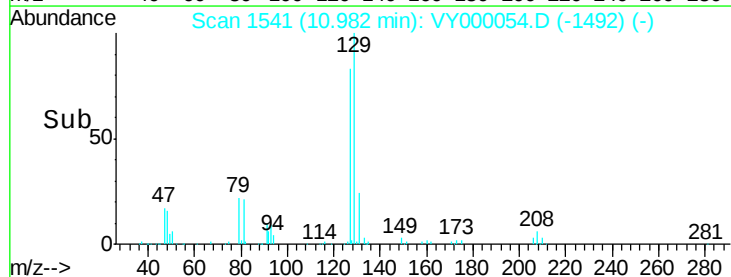
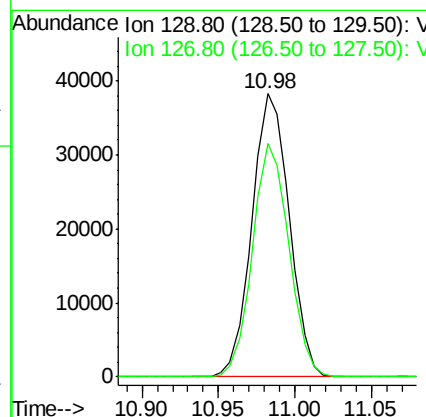
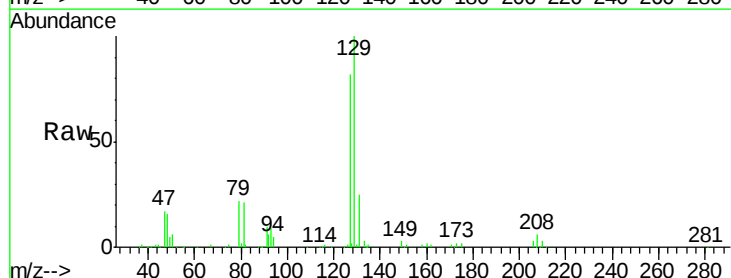
Manual Integrations
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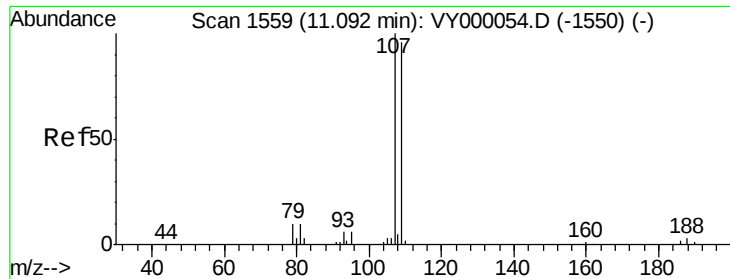
MMDadoda
9/19/2019 1:29:34 AM



#60
Dibromochloromethane
Concen: 53.294 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
129	100		
127	80.4	40.2	120.6





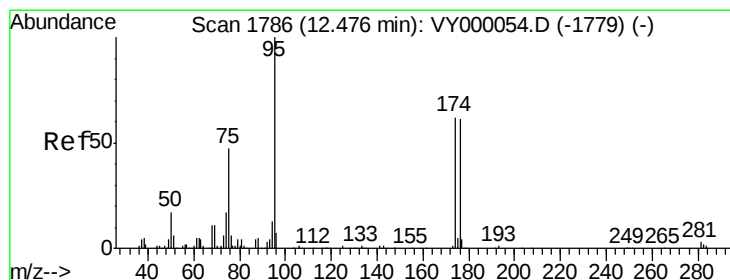
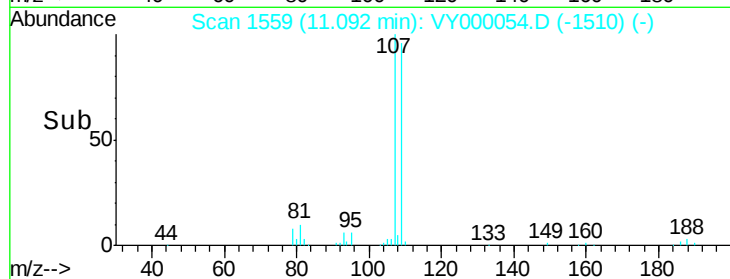
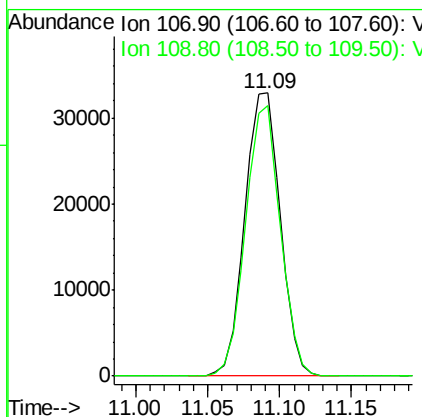
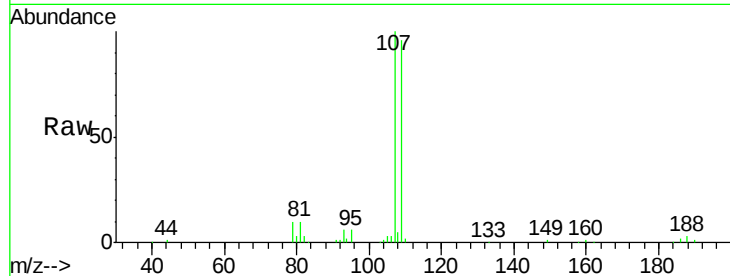
#61
 1,2-Dibromoethane
 Concen: 54.472 ug/l
 RT: 11.09 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6

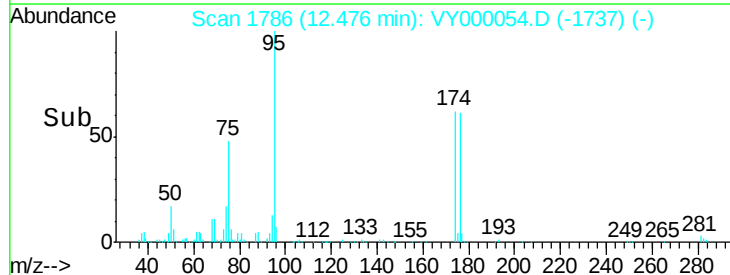
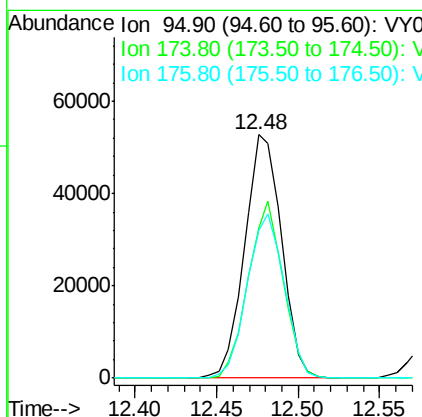
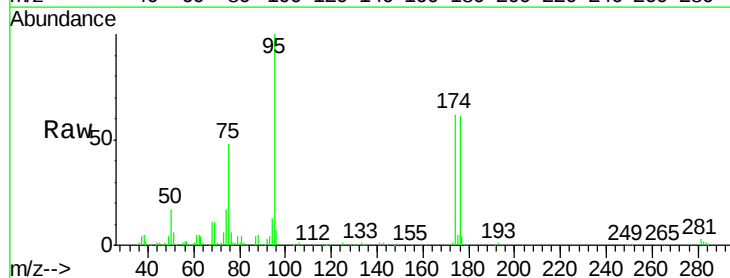
Manual Integrations
 APPROVED

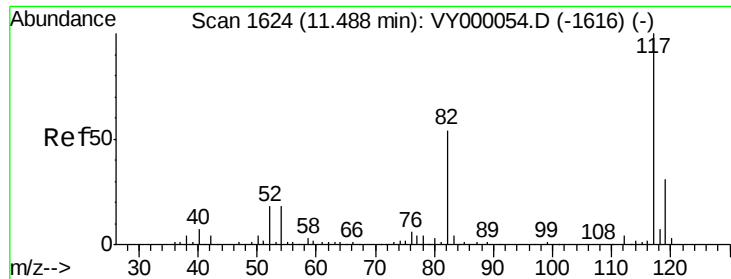
MMDadoda
 9/19/2019 1:29:34 AM



#62
 4-Bromofluorobenzene
 Concen: 47.280 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.6	0.0	137.2
176	67.5	0.0	135.0





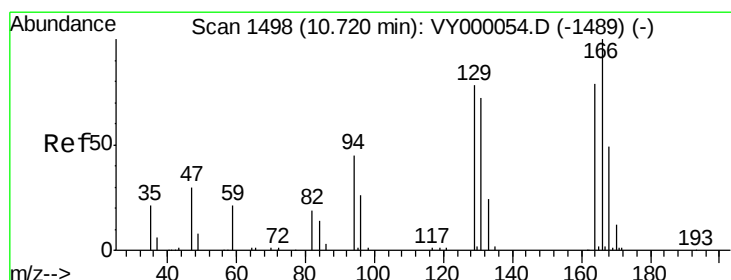
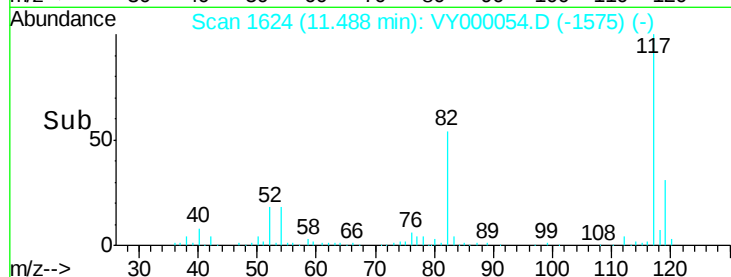
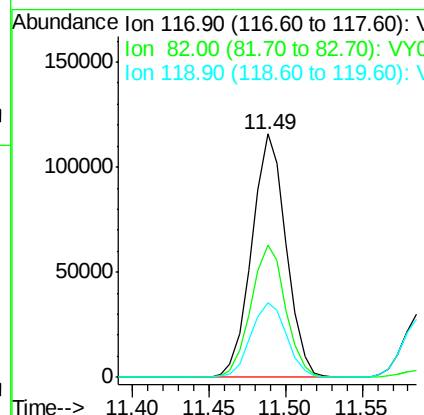
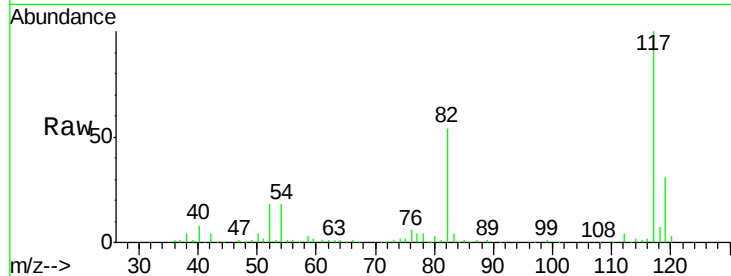
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.5	65.3
119	30.7	24.6	36.8

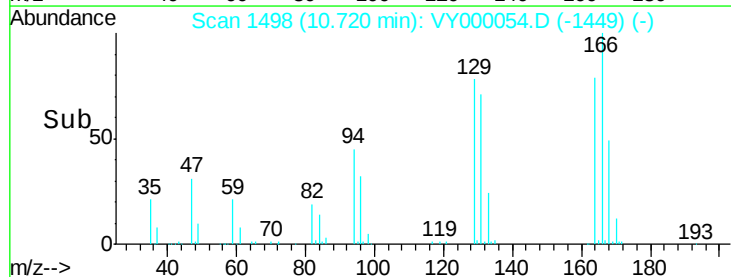
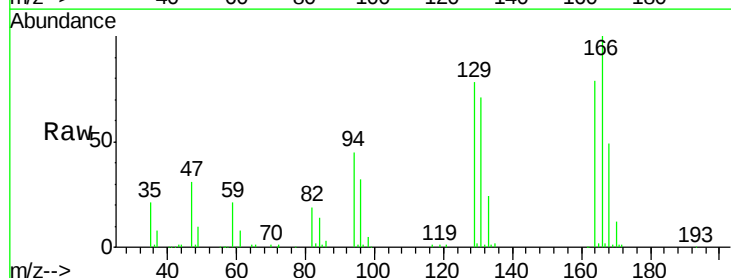
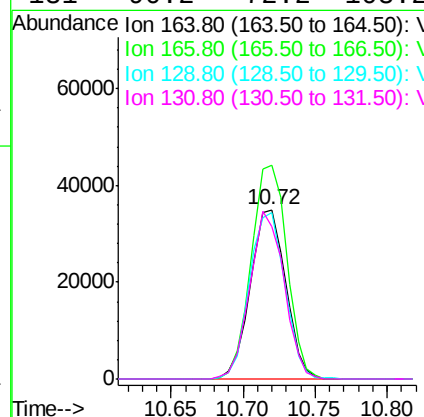
Manual Integrations
APPROVED

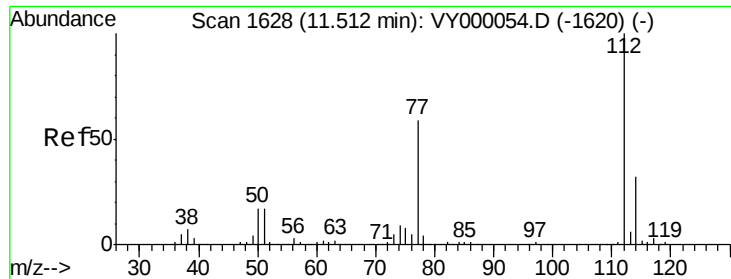
MMDadoda
9/19/2019 1:29:34 AM



#64
Tetrachloroethene
Concen: 52.794 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.9	151.3
129	98.0	78.4	117.6
131	90.2	72.2	108.2





#65

Chlorobenzene

Concen: 54.445 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 189717

Ion Ratio Lower Upper

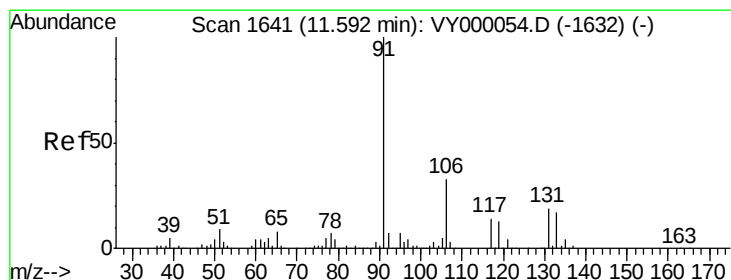
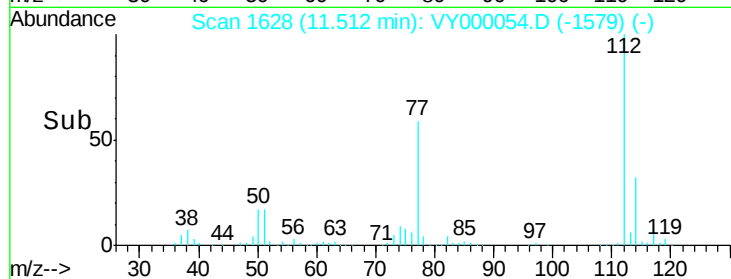
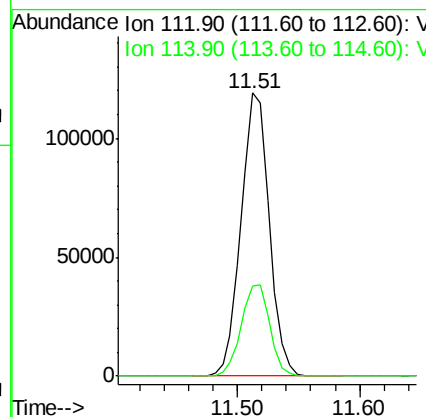
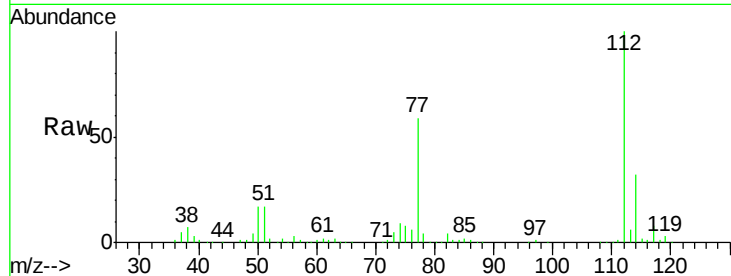
112 100

114 32.0 25.6 38.4

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 54.505 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

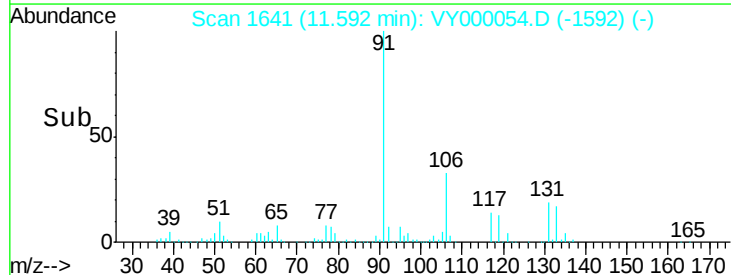
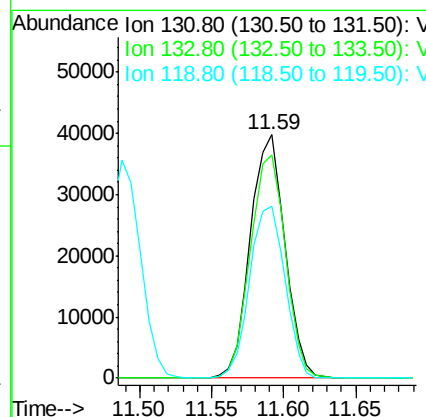
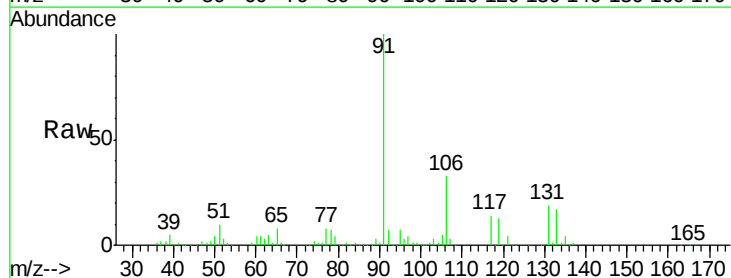
Tgt Ion:131 Resp: 66010

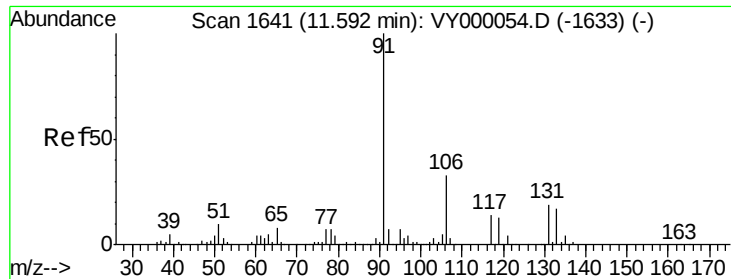
Ion Ratio Lower Upper

131 100

133 93.2 46.6 139.8

119 72.4 36.2 108.6





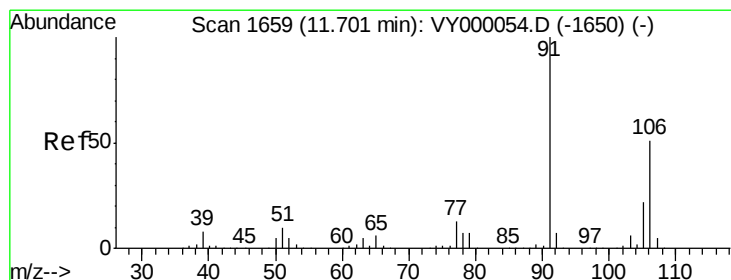
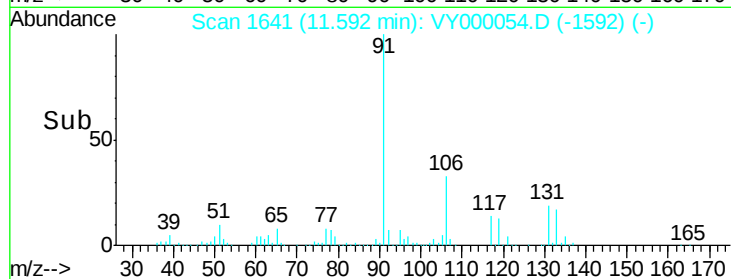
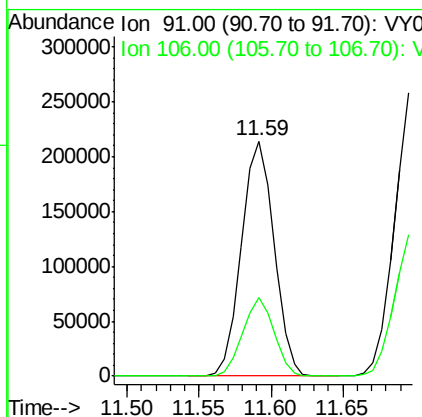
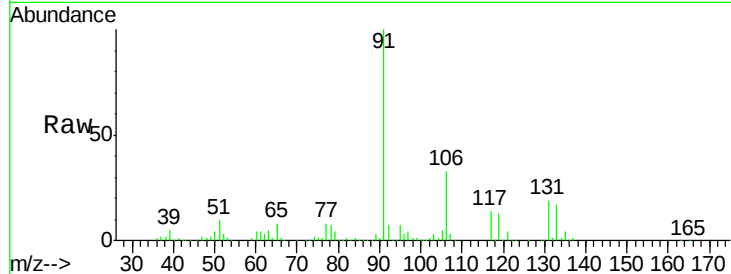
#67
Ethyl Benzene
Concen: 53.171 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 336704
Ion Ratio Lower Upper
91 100
106 33.3 26.6 40.0

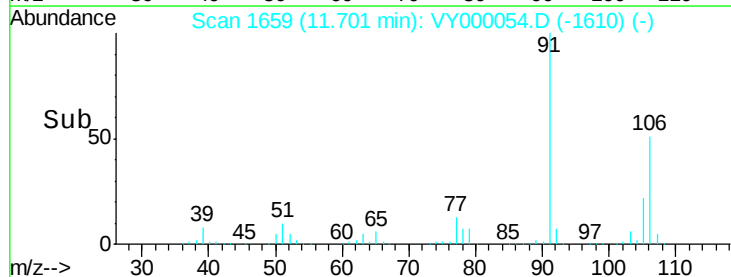
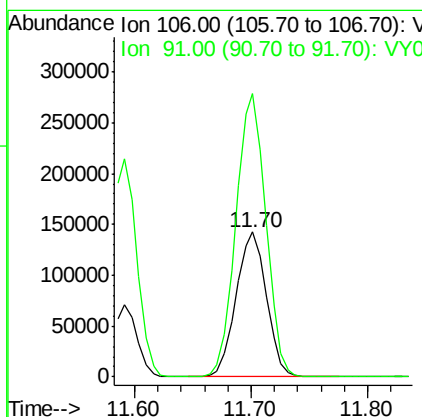
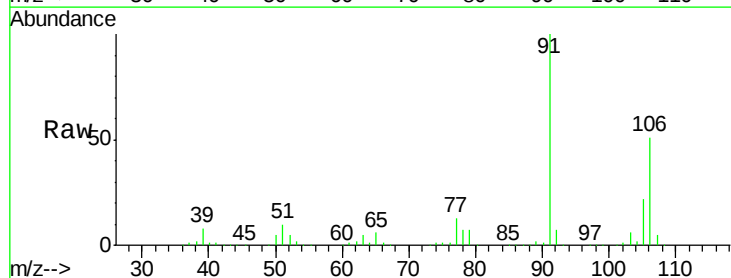
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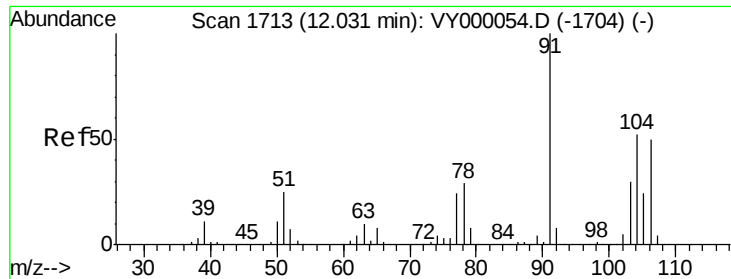
MMDadoda
9/19/2019 1:29:34 AM



#68
m/p-Xylenes
Concen: 107.828 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion: 106 Resp: 258034
Ion Ratio Lower Upper
106 100
91 193.1 154.5 231.7





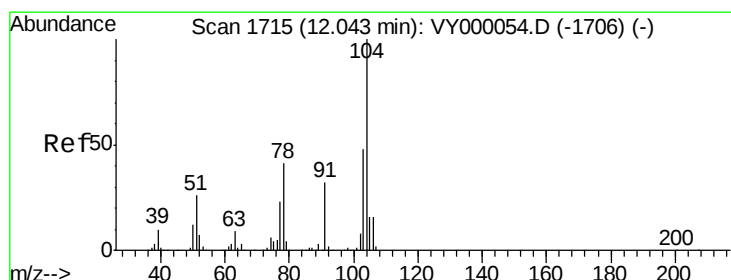
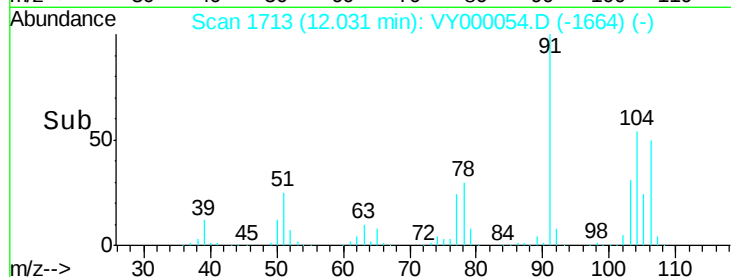
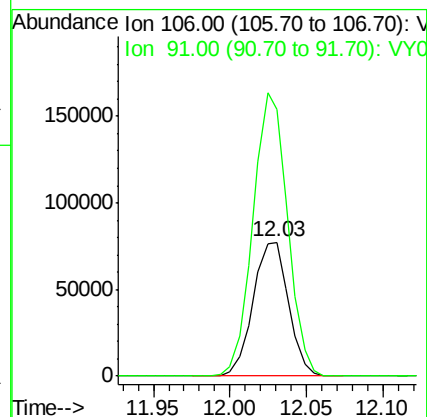
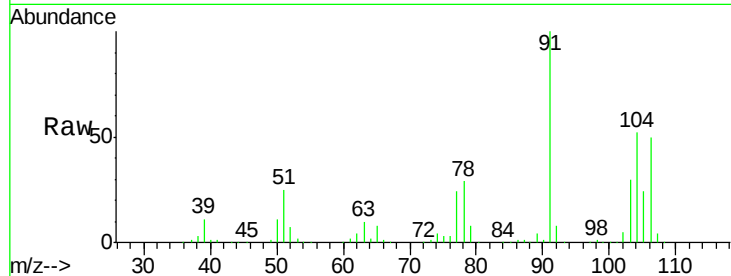
#69
o-Xylene
Concen: 52.982 ug/l
RT: 12.03 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.9	103.5	310.3

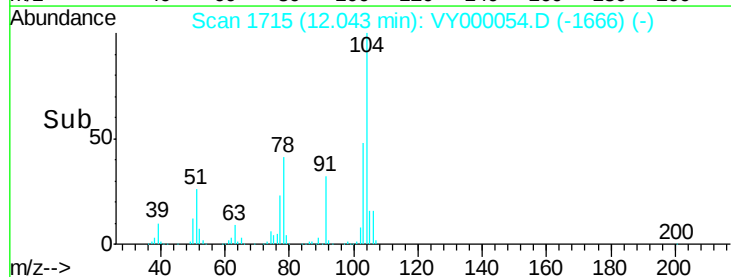
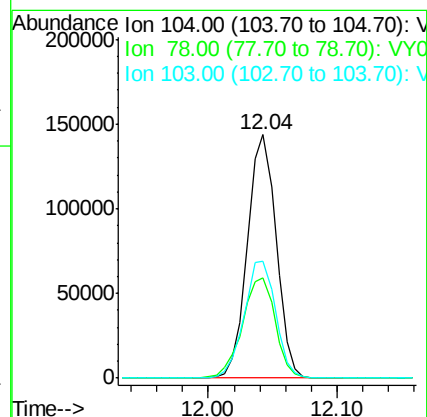
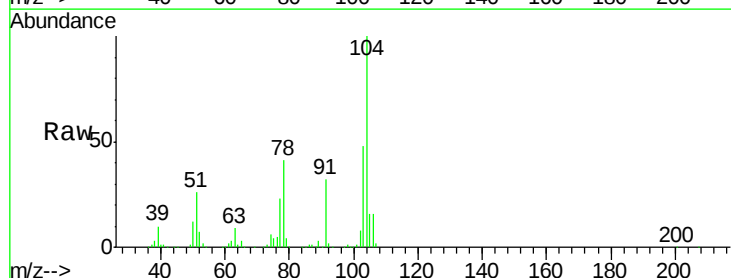
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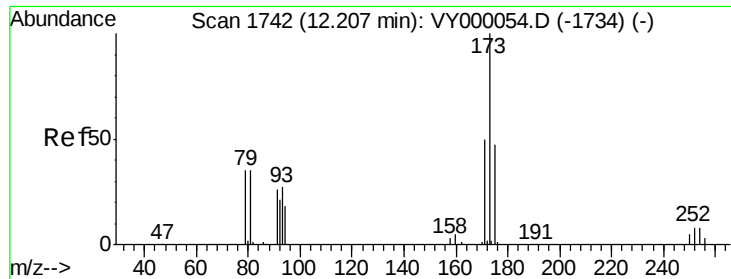
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#70
Styrene
Concen: 54.259 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.7	56.5
103	52.8	42.2	63.4





#71

Bromoform

Concen: 52.916 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

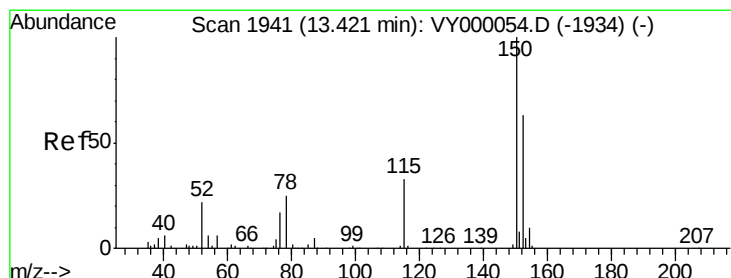
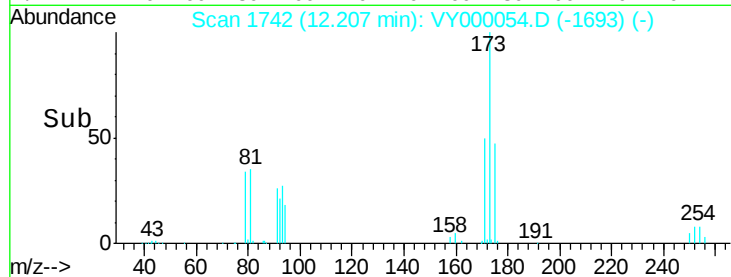
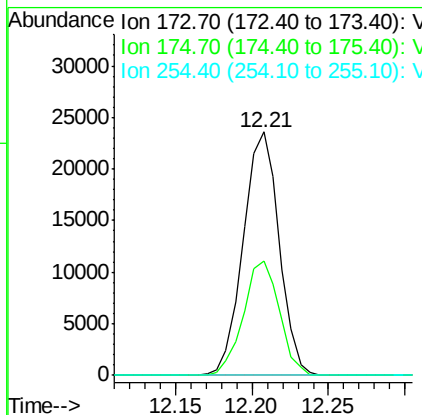
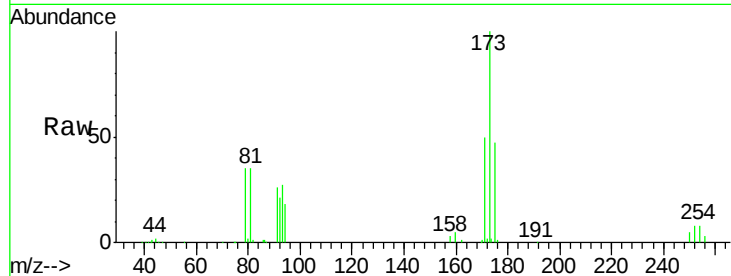
ClientSampleId :

VSTDICCC050

Tot Ion:173	Resp:	38440
Ion Ratio	Lower	Upper
173	100	
175	47.3	23.6 71.0
254	0.0	0.0 0.0

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9/19/2019 1:29:34 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

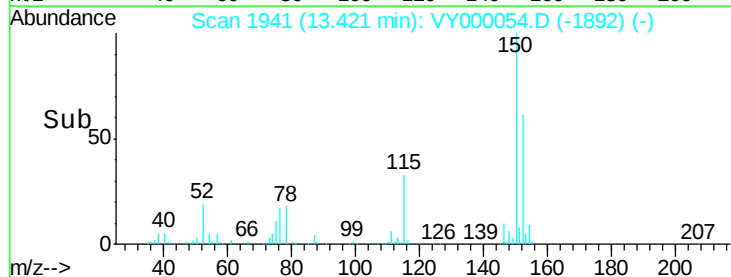
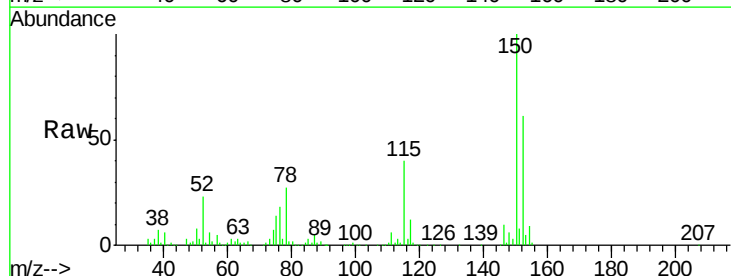
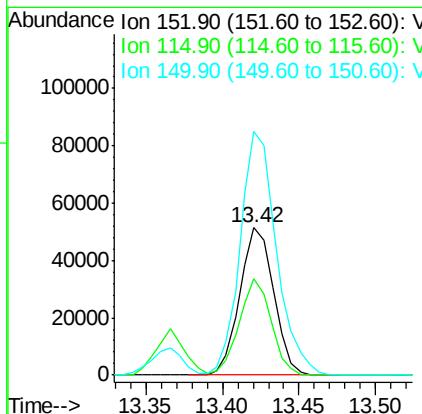
RT: 13.42 min Scan# 1941

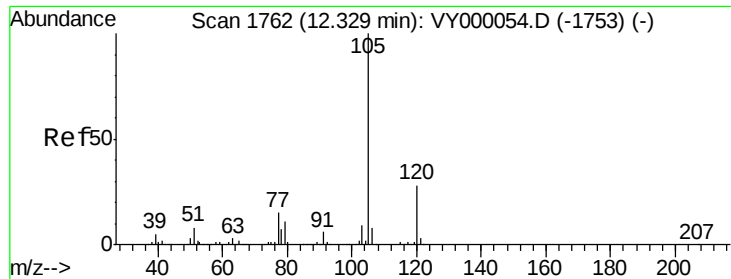
Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion:152	Resp:	79334
Ion Ratio	Lower	Upper
152	100	
115	61.4	30.7 92.1
150	175.8	0.0 351.6





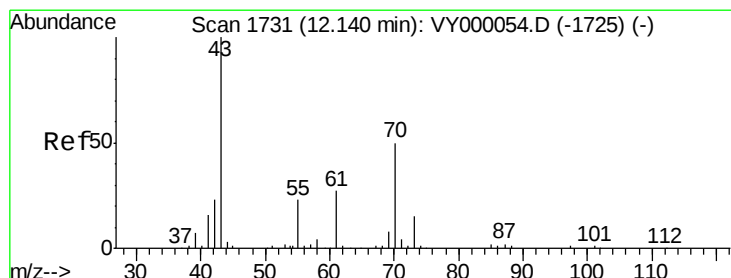
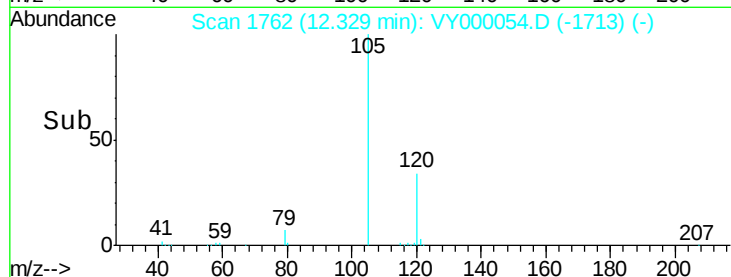
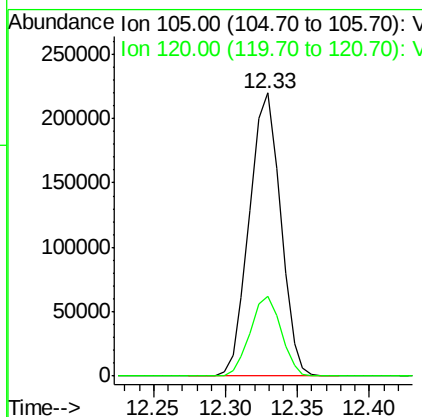
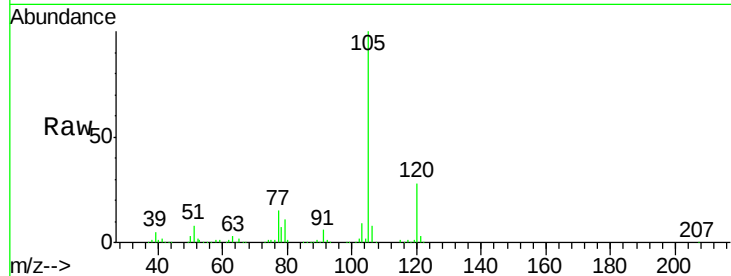
#73
Isopropylbenzene
Concen: 53.567 ug/l
RT: 12.33 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.9	41.7

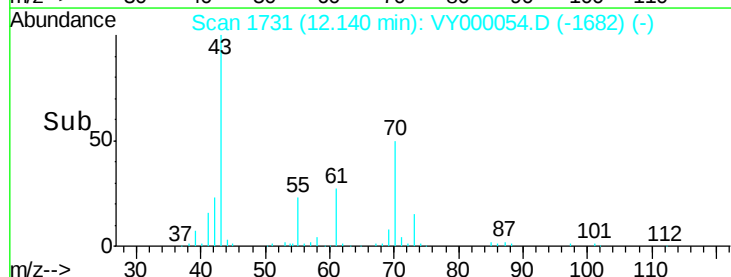
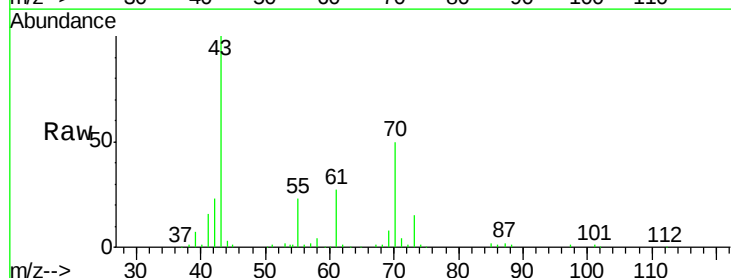
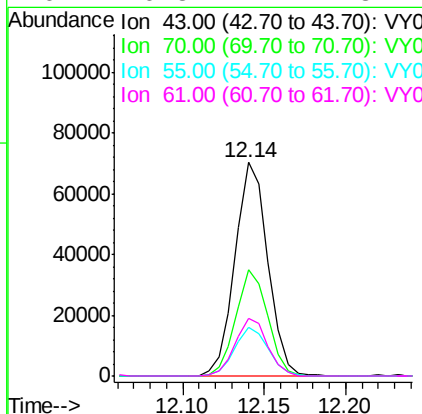
Manual Integrations
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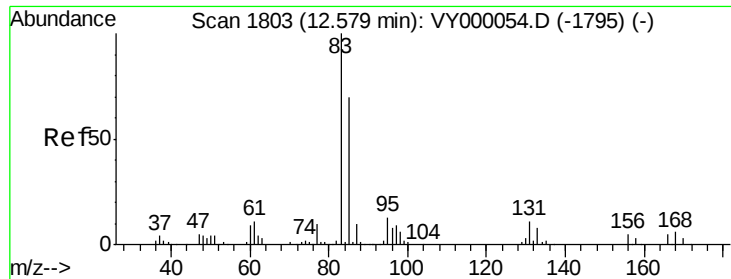
MMDadoda
9/19/2019 1:29:34 AM



#74
N-ethyl acetate
Concen: 54.338 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.5	38.8	58.2
55	23.5	18.8	28.2
61	26.8	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.970 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

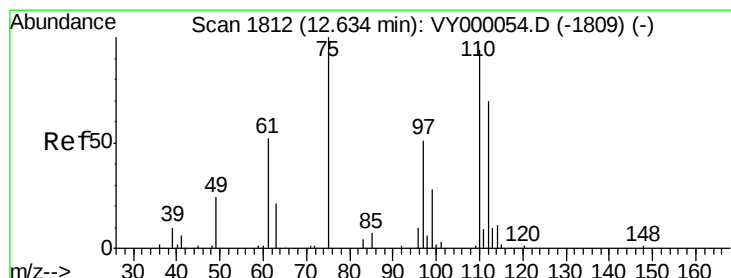
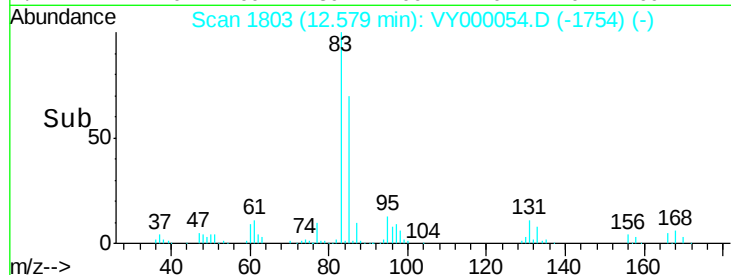
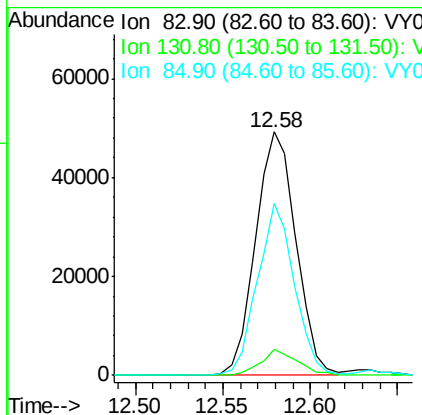
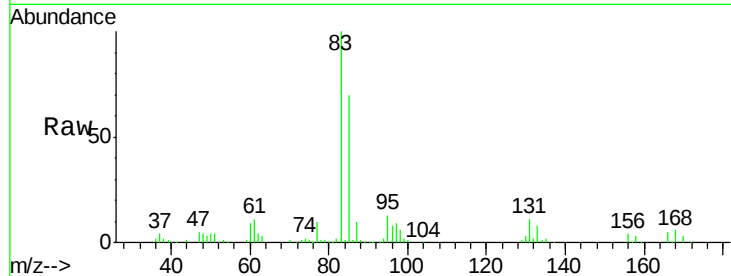
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	79512
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	64.9	32.5	97.4

Manual Integrations
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9/19/2019 1:29:34 AM



#76

1,2,3-Trichloropropane

Concen: 54.708 ug/l m

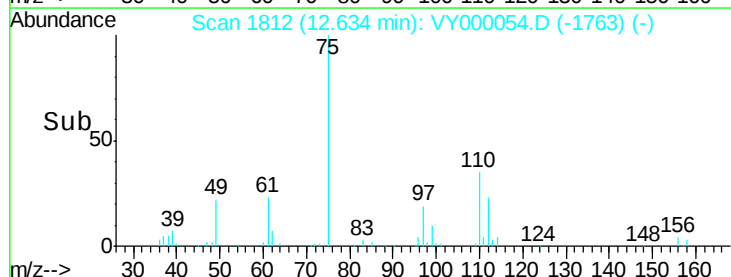
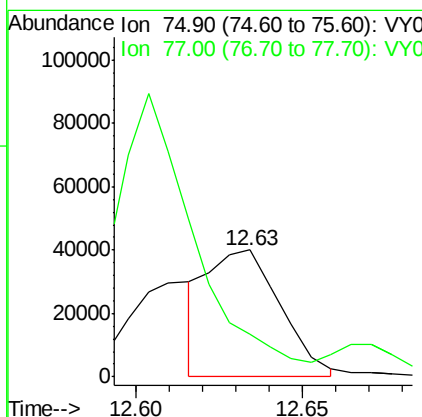
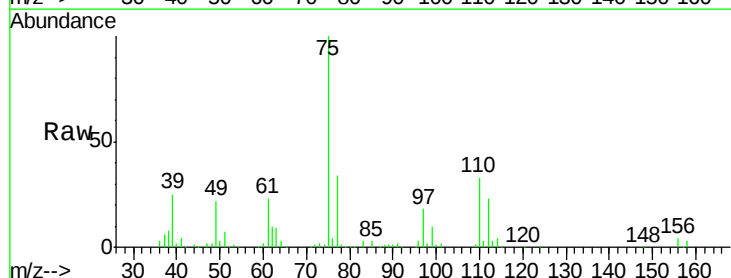
RT: 12.63 min Scan# 1812

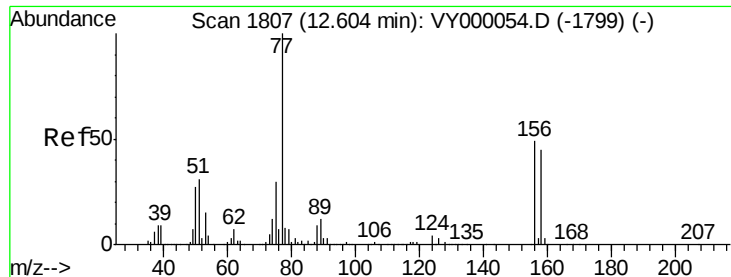
Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion:	75	Resp:	60281
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.746 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 69809

Ion Ratio Lower Upper

156 100

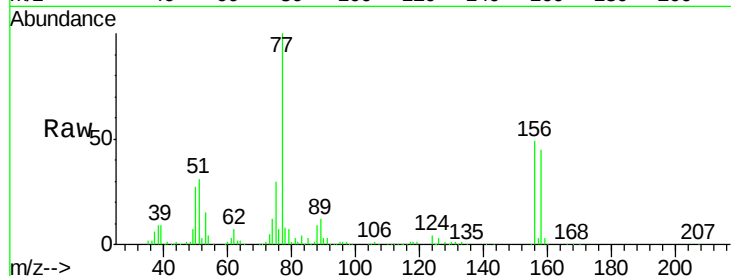
77 219.3 109.7 329.0

158 96.1 48.0 144.2

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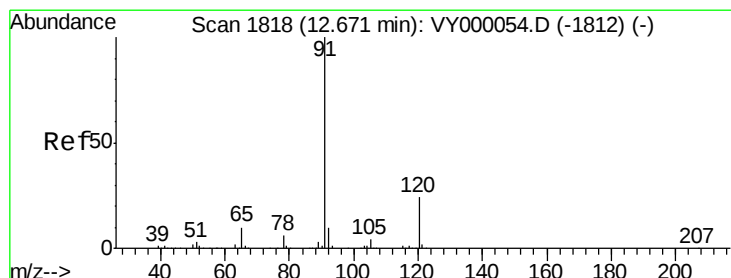
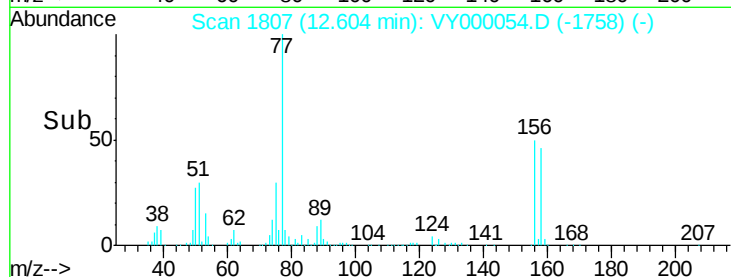
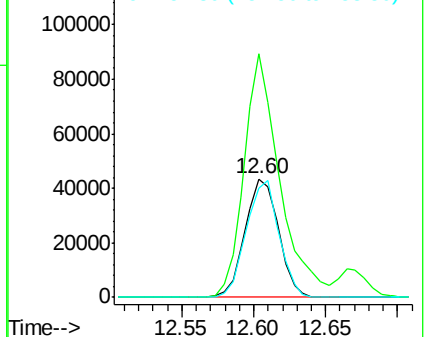
9/19/2019 1:29:34 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.804 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY000054.D

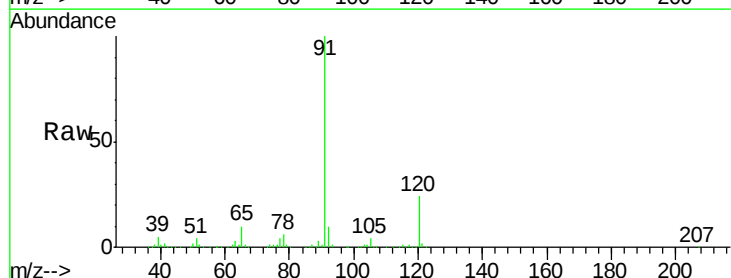
Acq: 17 Sep 2019 11:42

Tgt Ion: 91 Resp: 406635

Ion Ratio Lower Upper

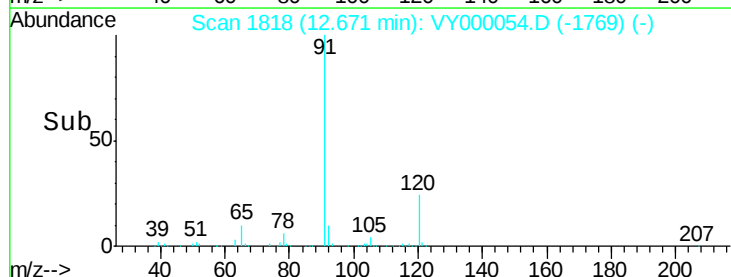
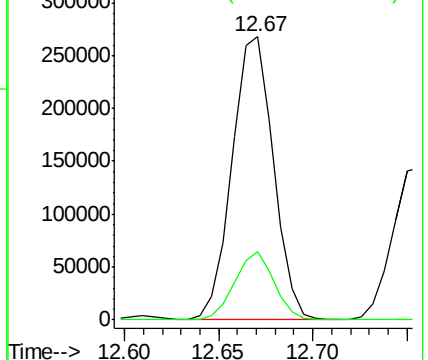
91 100

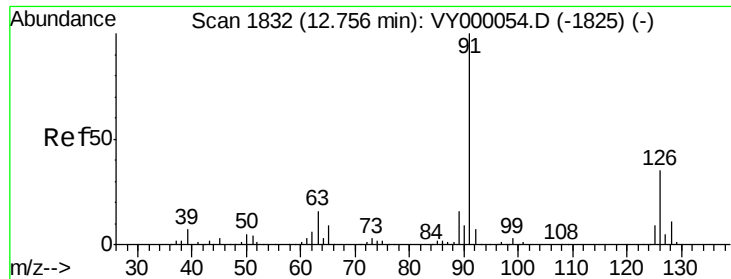
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.443 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 225744

Ion Ratio Lower Upper

91 100

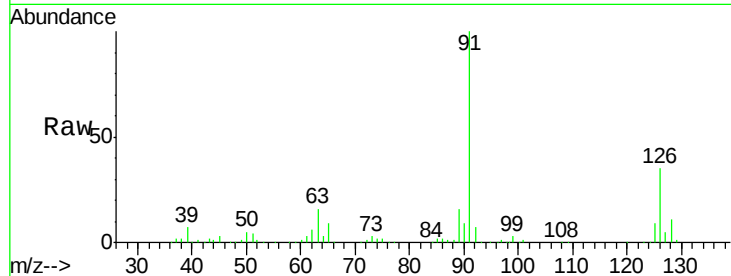
126 34.3 17.2 51.5

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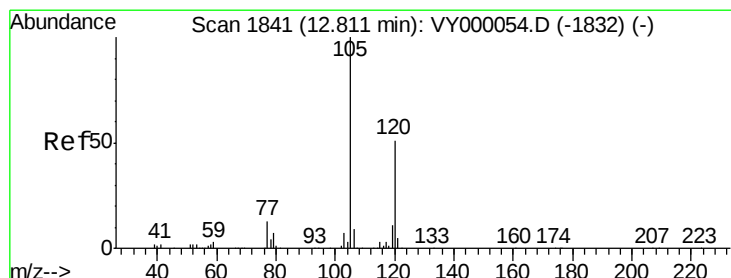
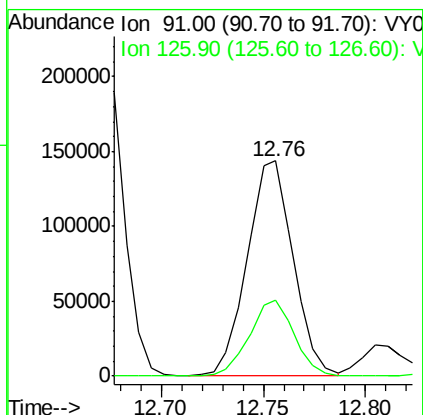
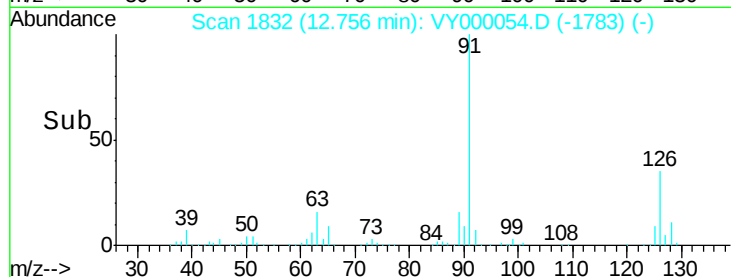
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Abundance Ion 91.00 (90.70 to 91.70): VY000054.D (-1825) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 53.695 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VY000054.D

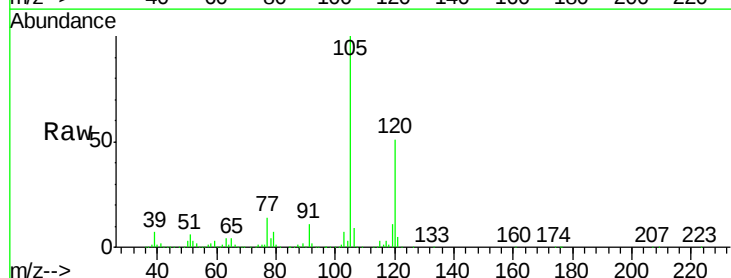
Acq: 17 Sep 2019 11:42

Tgt Ion: 105 Resp: 276260

Ion Ratio Lower Upper

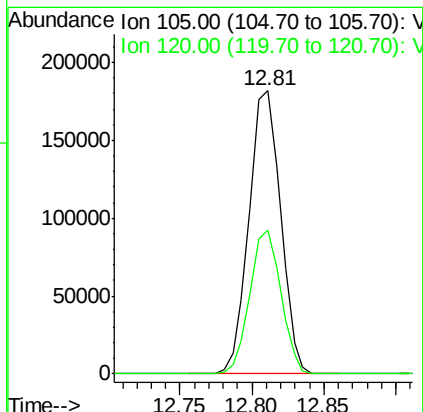
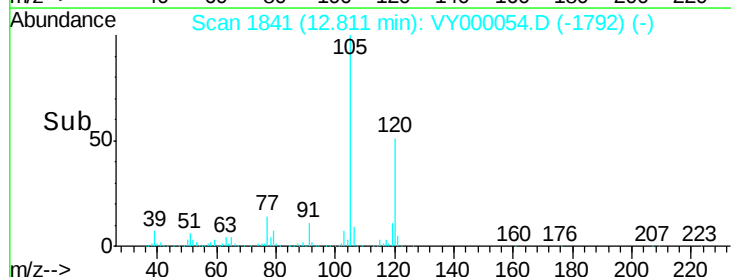
105 100

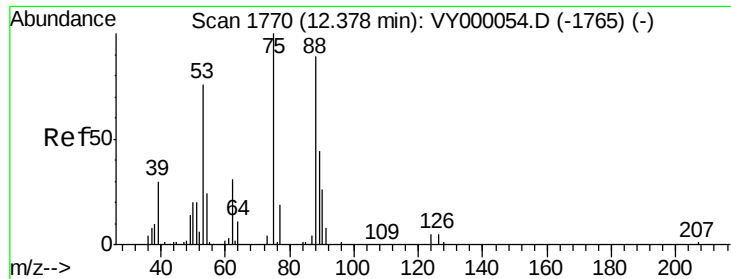
120 49.7 24.9 74.6



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: 53.855 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

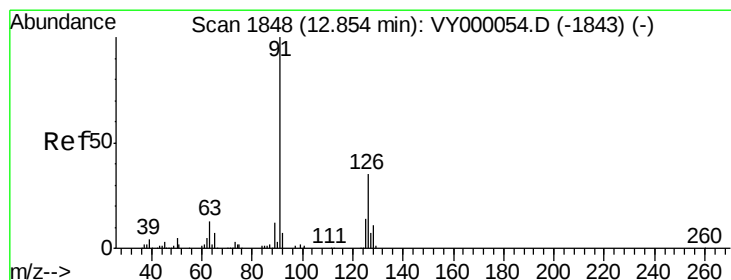
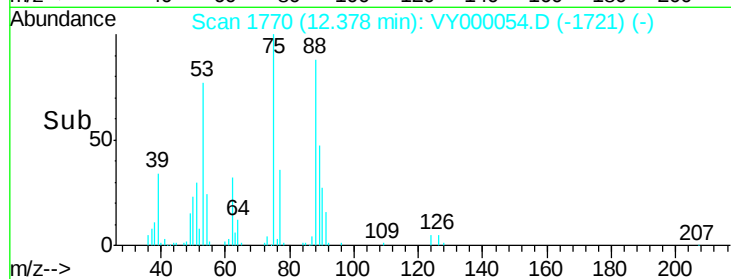
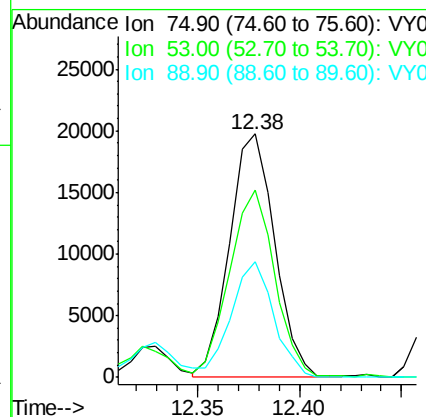
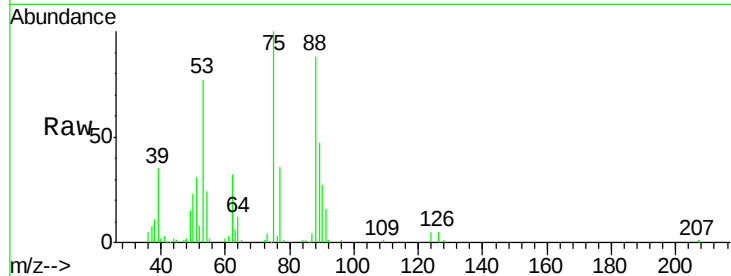
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	30372
Ion Ratio	Lower	Upper	
75	100		
53	76.1	60.9	91.3
89	44.1	35.3	52.9

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#82

4-Chlorotoluene

Concen: 53.394 ug/l

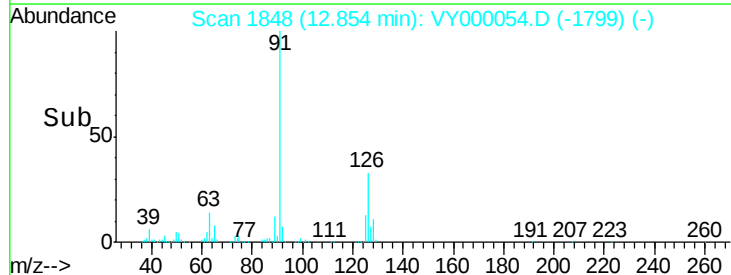
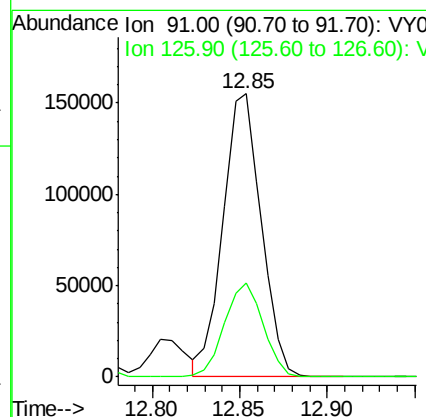
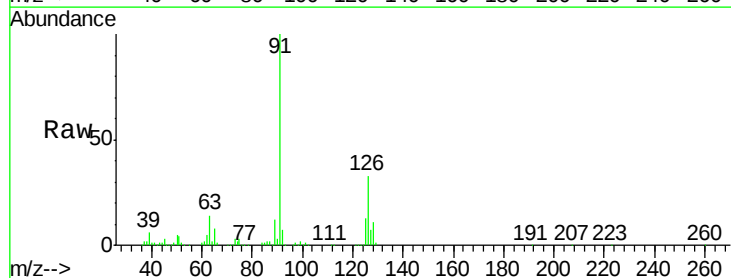
RT: 12.85 min Scan# 1848

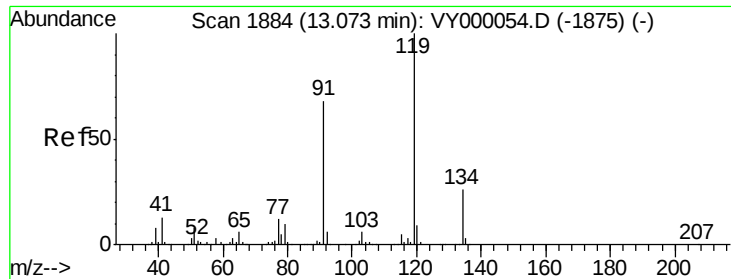
Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Tgt Ion:	91	Resp:	236171
Ion Ratio	Lower	Upper	
91	100		
126	33.4	16.7	50.1





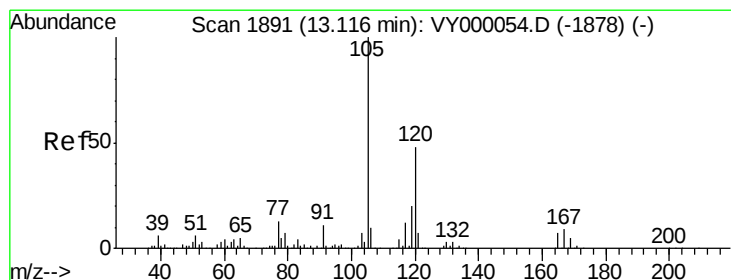
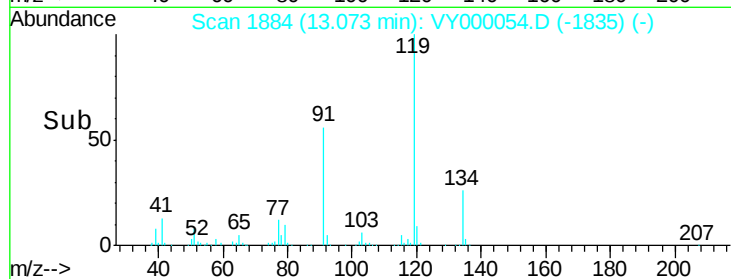
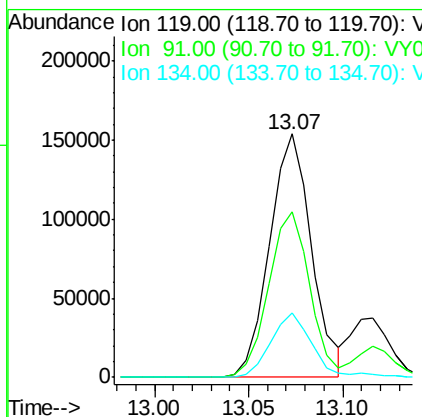
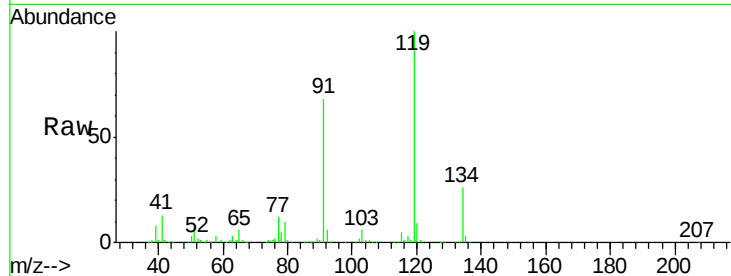
#83
tert-Butylbenzene
Concen: 53.646 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	237483		
91	66.7	33.4	100.1	
134	25.3	12.7	38.0	

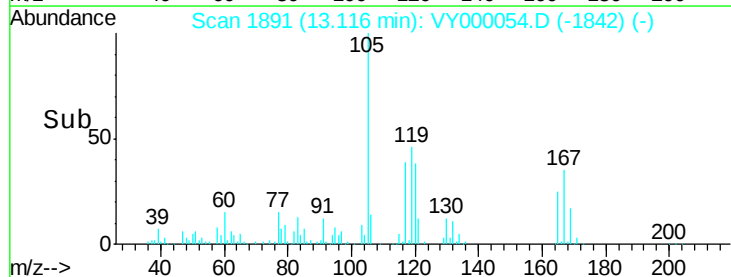
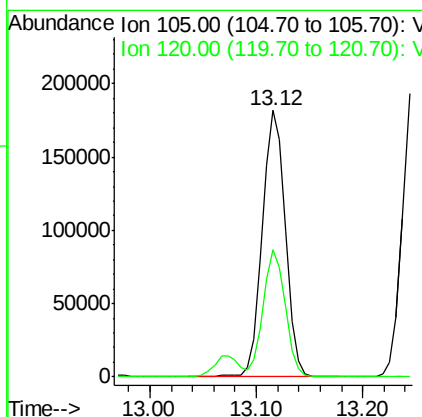
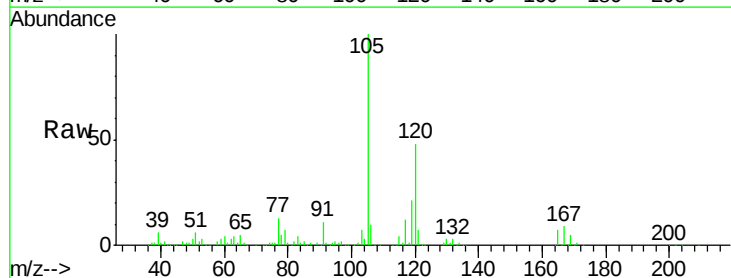
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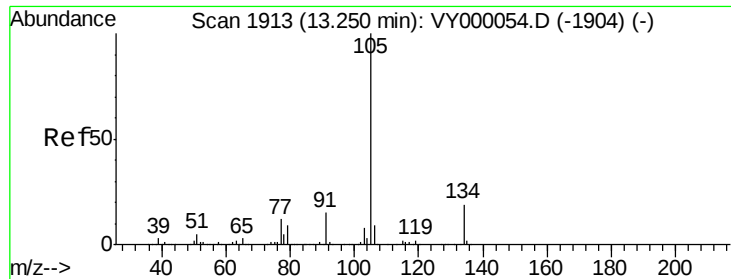
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#84
1,2,4-Trimethylbenzene
Concen: 54.250 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276266		
120	45.8	22.9	68.7	





#85

sec-Butylbenzene

Concen: 53.543 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 349652

Ion Ratio Lower Upper

105 100

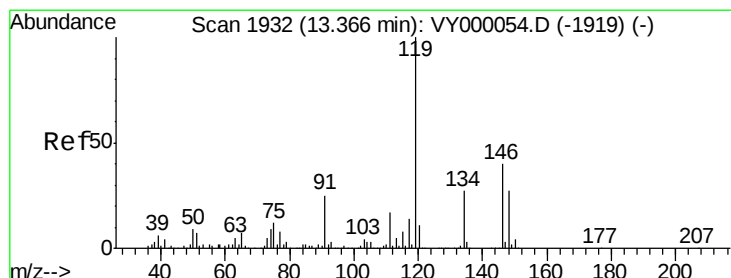
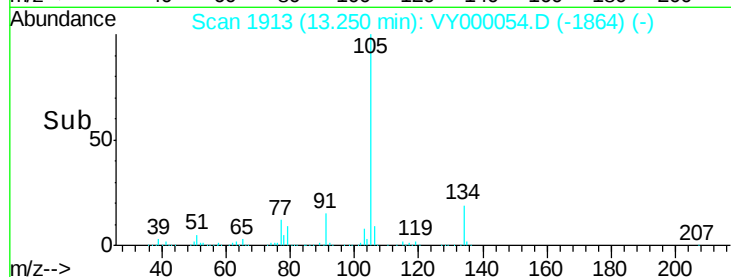
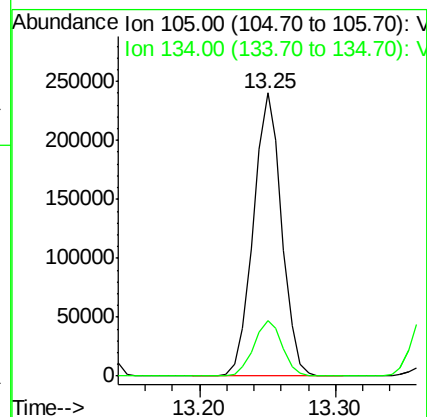
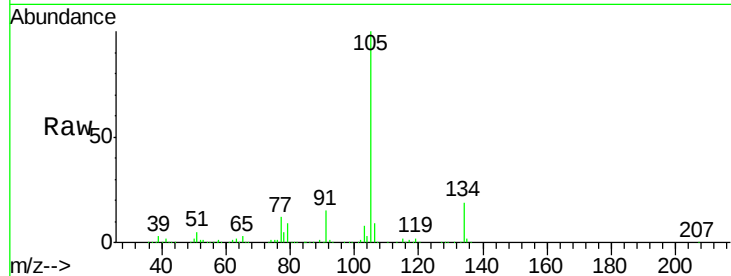
134 19.6 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 54.326 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VY000054.D

Acq: 17 Sep 2019 11:42

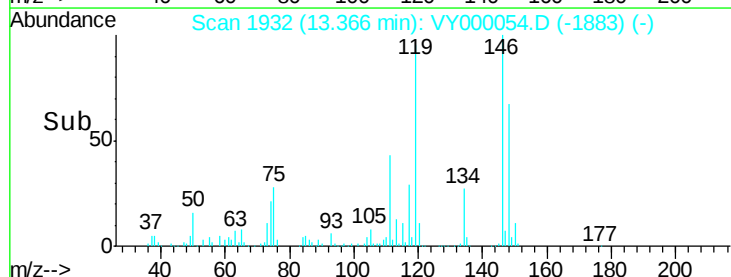
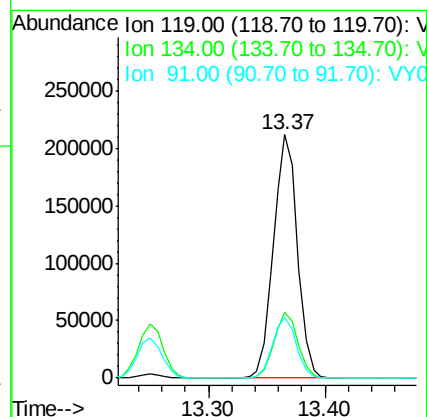
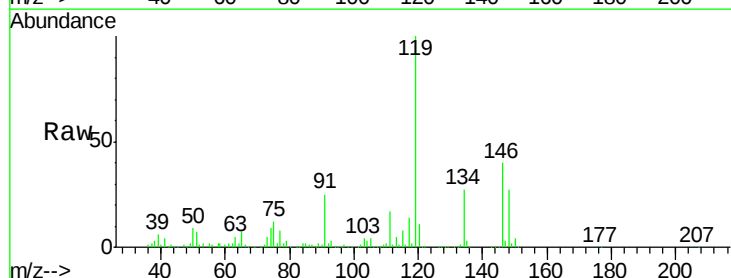
Tgt Ion:119 Resp: 301795

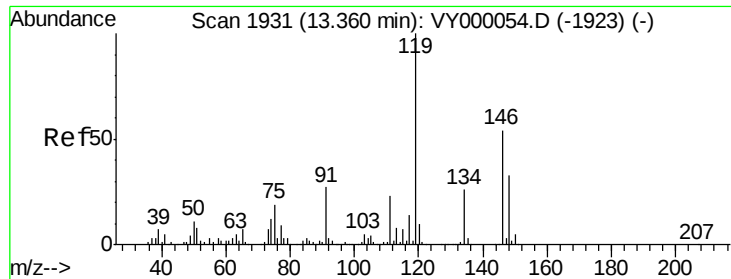
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 24.9 12.4 37.4





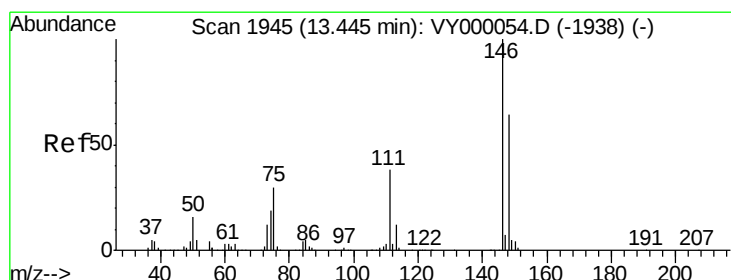
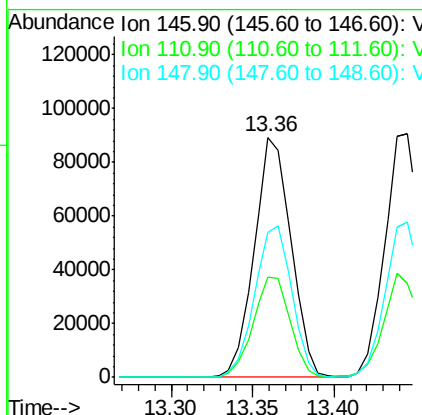
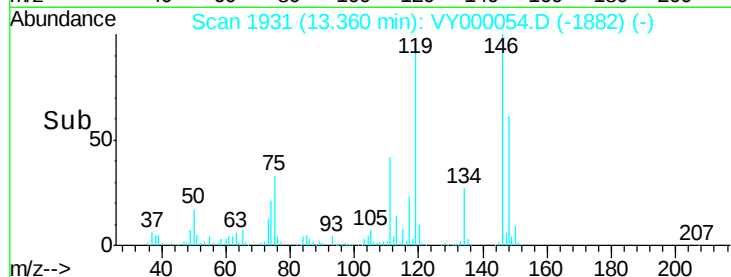
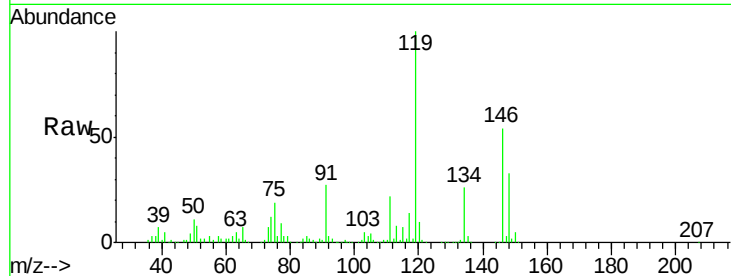
#87
 1,3-Dichlorobenzene
 Concen: 53.223 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	63.5	31.8	95.3

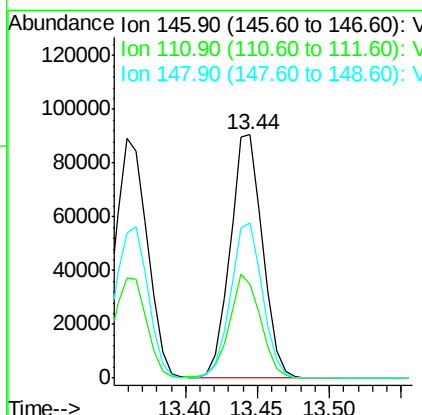
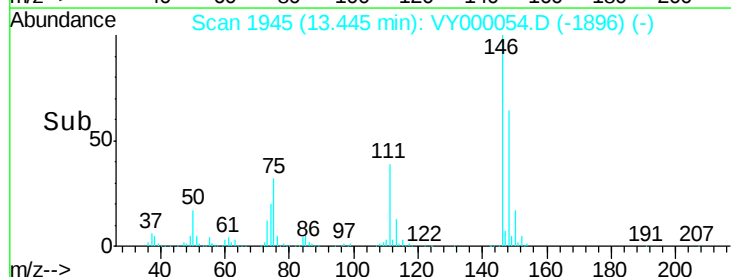
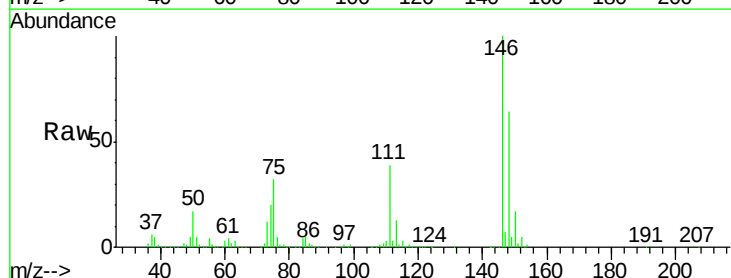
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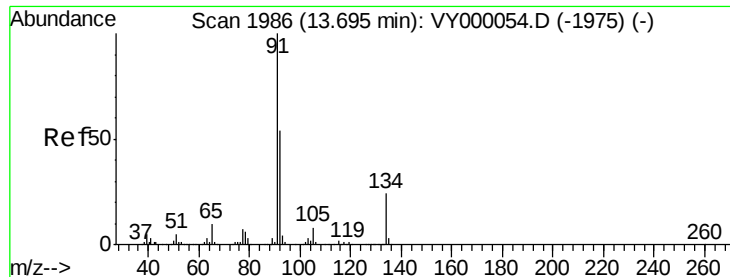
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#88
 1,4-Dichlorobenzene
 Concen: 53.855 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.0	31.5	94.5





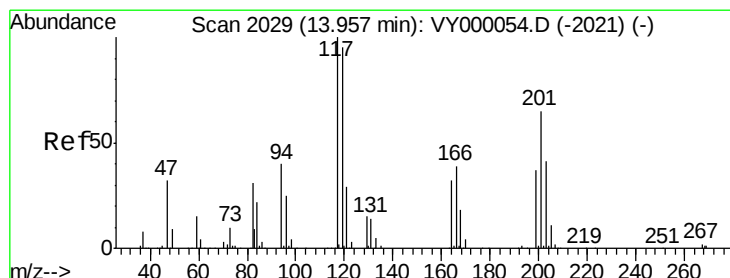
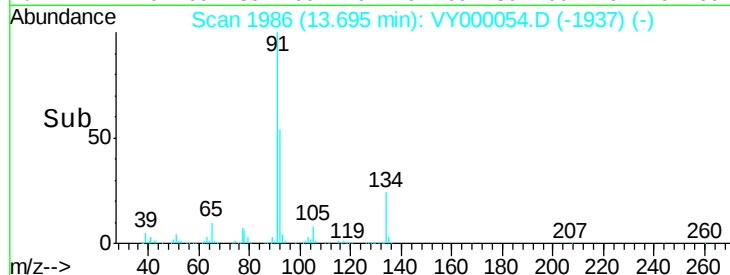
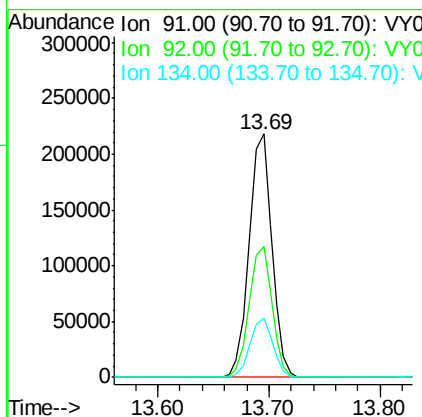
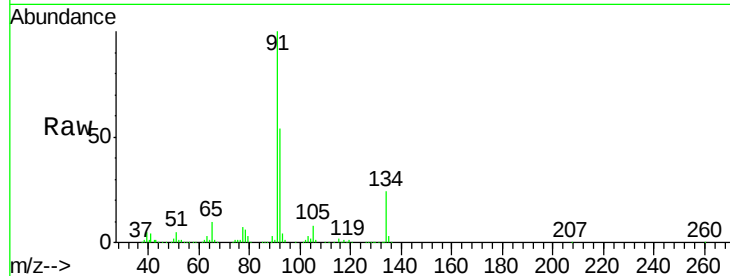
#89
n-Butylbenzene
Concen: 55.077 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.5
134	24.4	12.2	36.6

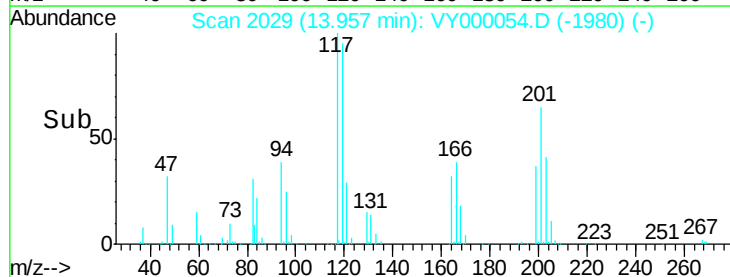
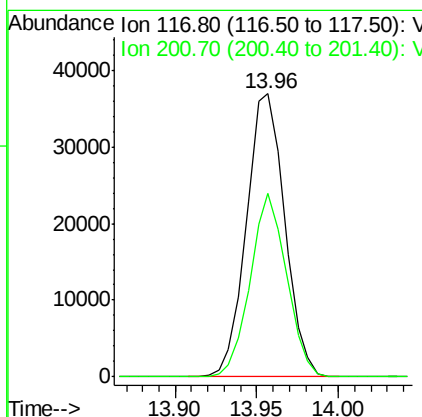
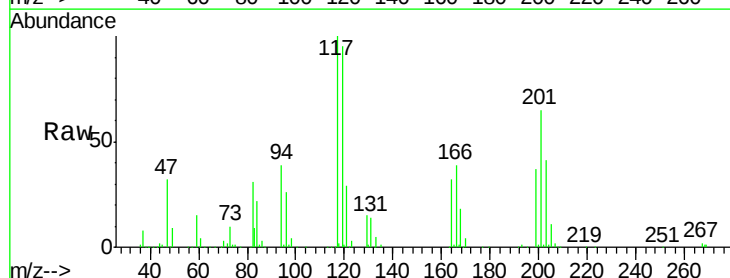
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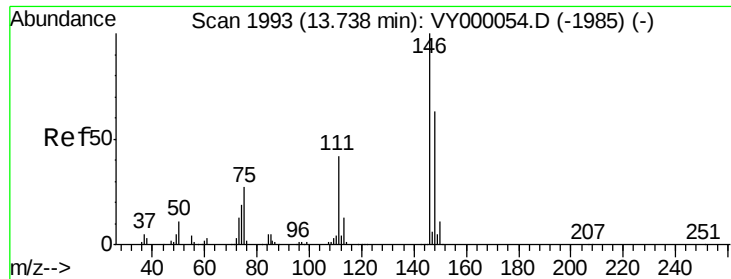
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#90
Hexachloroethane
Concen: 54.758 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.3	30.6	92.0





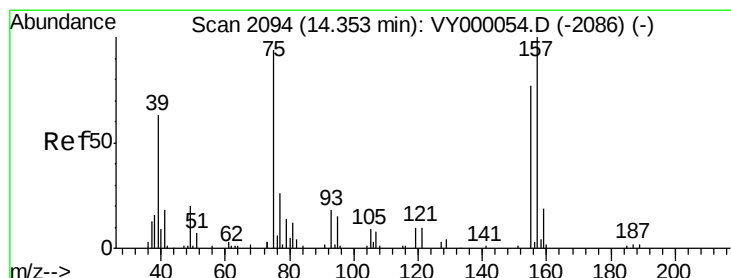
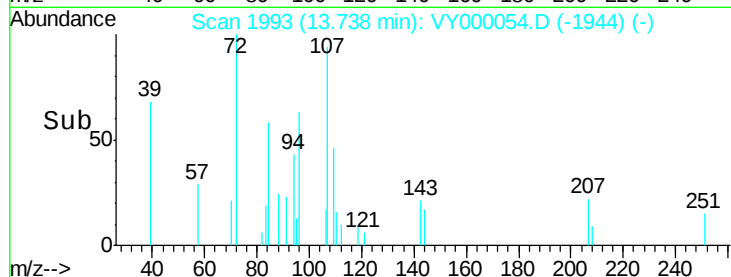
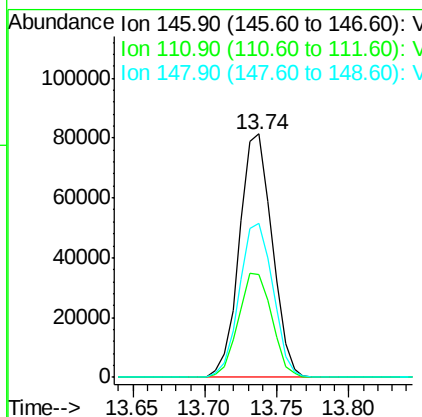
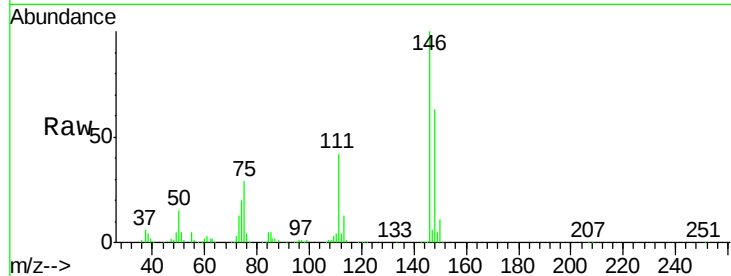
#91
 1,2-Dichlorobenzene
 Concen: 52.864 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.7
148	64.8	32.4	97.2

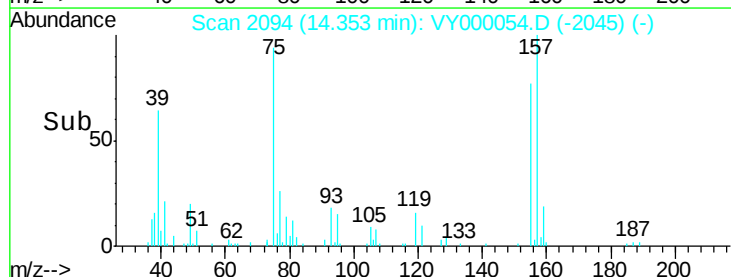
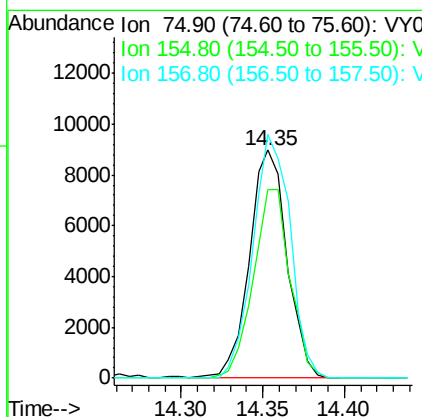
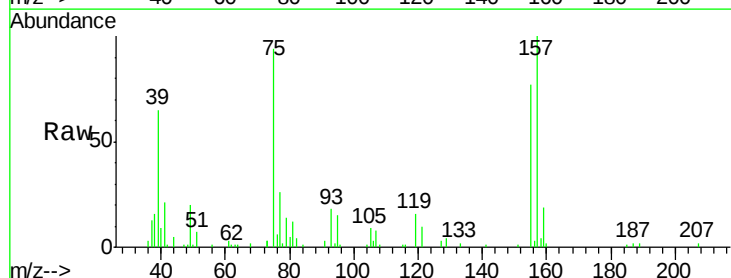
Manual Integrations
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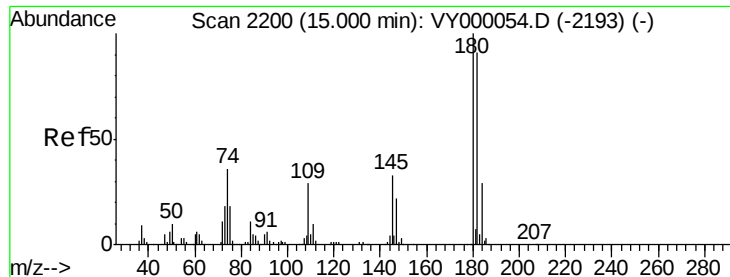
MMDadoda
 9/19/2019 1:29:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.574 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.1	40.6	121.7
157	105.9	52.9	158.8





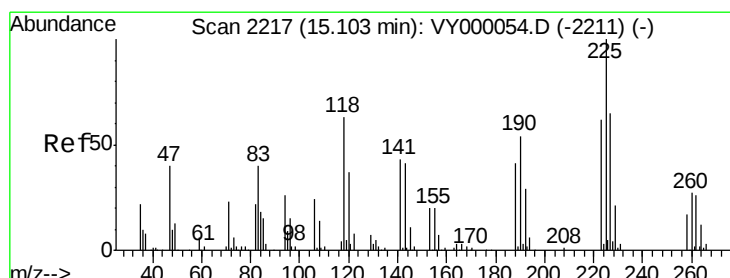
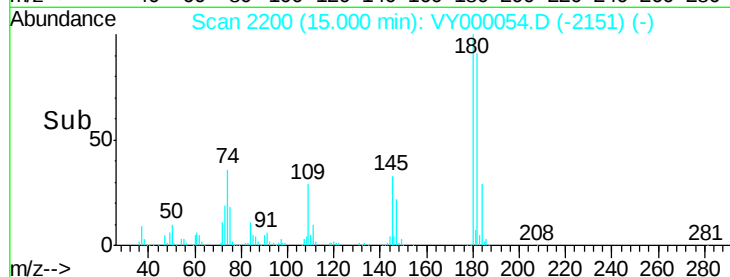
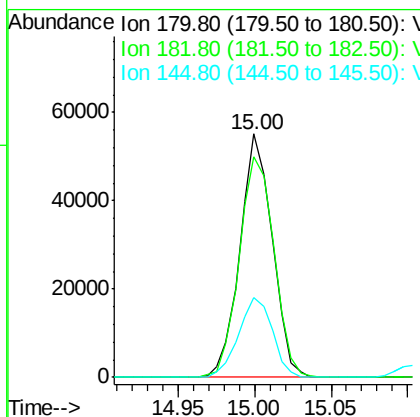
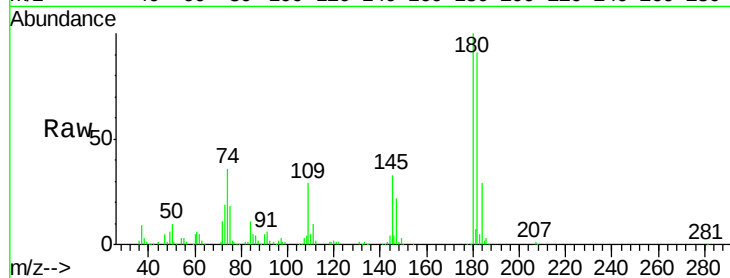
#93
 1,2,4-Trichlorobenzene
 Concen: 52.138 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.1	48.5	145.6	
145	34.4	17.2	51.6	

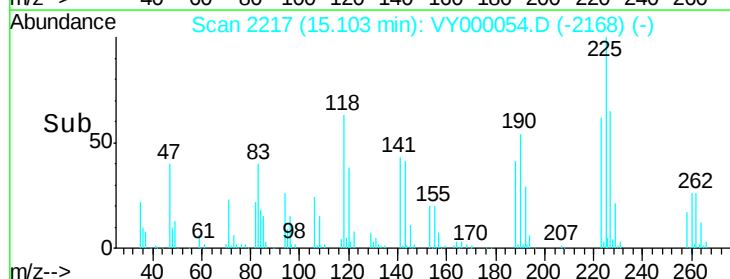
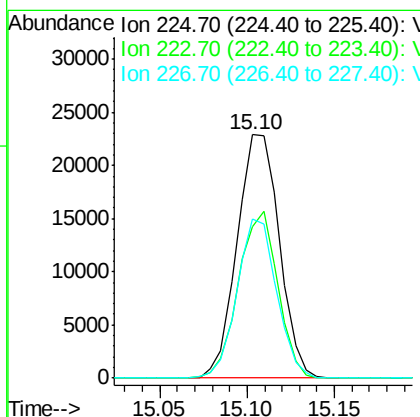
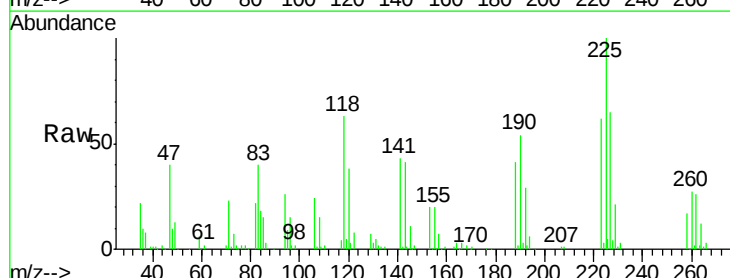
Manual Integrations
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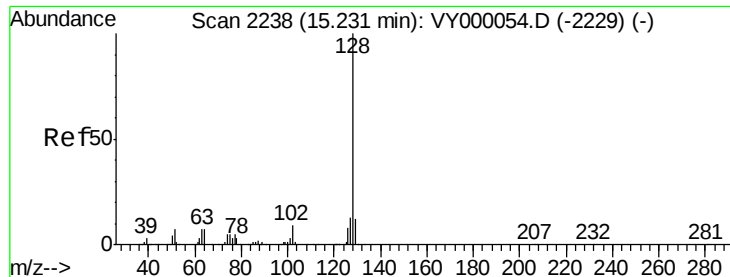
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#94
 Hexachlorobutadiene
 Concen: 53.900 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: VY000054.D
 Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	31.9	95.5	
227	61.1	30.6	91.6	





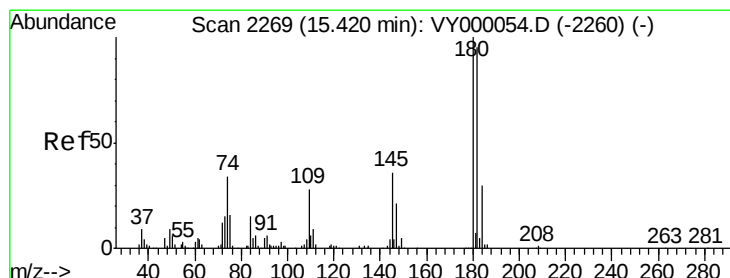
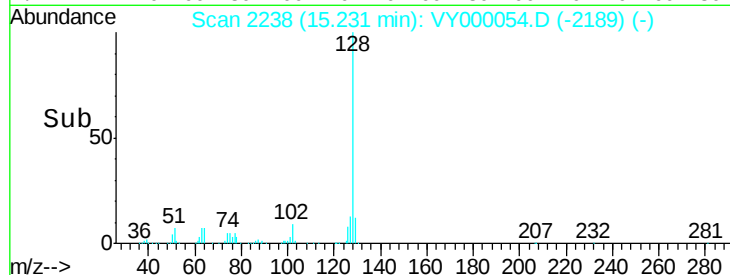
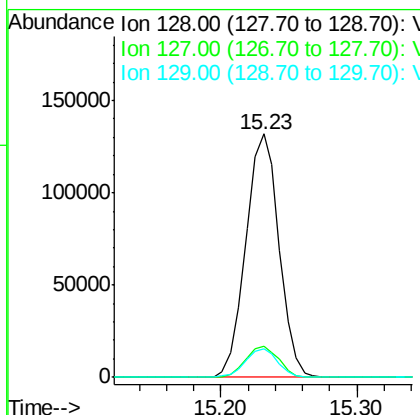
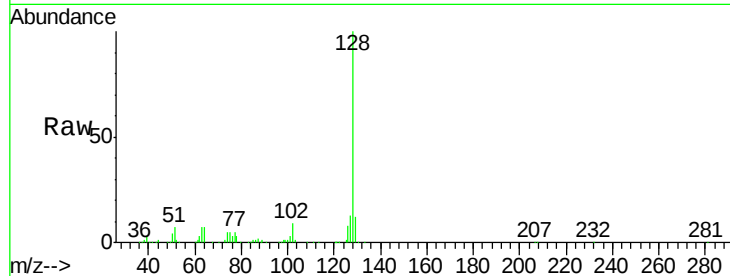
#95
Naphthalene
Concen: 53.039 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	224933		
127	12.9		10.3	15.5
129	11.5		9.2	13.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.133 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VY000054.D
Acq: 17 Sep 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	75526		
182	95.0		47.5	142.5
145	34.8		17.4	52.2

