

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000094.D
 Acq On : 19 Sep 2019 21:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:30:36 AM

Quant Time: Sep 20 04:19:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	83690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	173790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	158083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	71694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	59096	61.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.76%	
35) Dibromofluoromethane	7.72	113	55425	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	10.18	98	214297	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.48	95	78470	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	29273	50.786	ug/l	100
3) Chloromethane	2.11	50	35199	45.861	ug/l #	88
4) Vinyl Chloride	2.25	62	39737	42.553	ug/l	99
5) Bromomethane	2.64	94	29817	51.964	ug/l	83
6) Chloroethane	2.79	64	29583	47.261	ug/l	94
7) Trichlorofluoromethane	3.12	101	58394	45.226	ug/l	94
8) Diethyl Ether	3.53	74	34742	62.843	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	44186	49.882	ug/l	97
10) Methyl Iodide	4.09	142	45266	49.139	ug/l	99
11) Tert butyl alcohol	4.97	59	32635	285.901	ug/l	99
12) 1,1-Dichloroethene	3.87	96	39377	48.222	ug/l	92
13) Acrolein	3.73	56	10483	176.192	ug/l	91
14) Allyl chloride	4.48	41	64905	52.005	ug/l	99
15) Acrylonitrile	5.17	53	97742	294.838	ug/l	100
16) Acetone	3.95	43	61033	272.243	ug/l	100
17) Carbon Disulfide	4.20	76	68351	47.412	ug/l #	92
18) Methyl Acetate	4.48	43	43848	58.543	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	159789	62.617	ug/l	97
20) Methylene Chloride	4.71	84	64575	61.231	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	46559	51.292	ug/l	92
22) Diisopropyl ether	6.12	45	172758	61.266	ug/l	96
23) Vinyl Acetate	6.07	43	560633	297.066	ug/l	96
24) 1,1-Dichloroethane	6.02	63	92798	55.602	ug/l	96
25) 2-Butanone	6.99	43	111888	275.547	ug/l	94
26) 2,2-Dichloropropane	6.99	77	71736	45.545	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	62776	54.621	ug/l	98
28) Bromochloromethane	7.34	49	48667	62.908	ug/l	93
29) Tetrahydrofuran	7.35	42	69877	286.655	ug/l	99
30) Chloroform	7.51	83	96775	56.188	ug/l	90
31) Cyclohexane	7.78	56	59718	50.467	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	74069	52.946	ug/l	98
36) 1,1-Dichloropropene	7.92	75	58091	44.703	ug/l	98
37) Ethyl Acetate	7.08	43	48076	55.503	ug/l	96
38) Carbon Tetrachloride	7.90	117	59015	48.118	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	71780	44.922	ug/l	97
40) Benzene	8.16	78	219489	51.139	ug/l	95
41) Methacrylonitrile	7.31	41	28004m	45.268	ug/l	
42) 1,2-Dichloroethane	8.24	62	64509	56.743	ug/l	99
43) Isopropyl Acetate	8.28	43	95860	56.587	ug/l	98
44) Trichloroethene	8.94	130	52484	47.866	ug/l	99
45) 1,2-Dichloropropane	9.22	63	59747	53.738	ug/l	94
46) Dibromomethane	9.31	93	33072	54.458	ug/l	98
47) Bromodichloromethane	9.49	83	80886	54.888	ug/l	94
48) Methyl methacrylate	9.29	41	41457	55.646	ug/l	100
49) 1,4-Dioxane	9.30	88	11818	1002.303	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	257012	277.876	ug/l	99
52) Toluene	10.24	92	137303	50.352	ug/l	97
53) t-1,3-Dichloropropene	10.46	75	85380	54.643	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	96219	53.326	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	53763	56.468	ug/l	99
56) Ethyl methacrylate	10.51	69	75787	55.939	ug/l	99
57) 1,3-Dichloropropane	10.79	76	87856	54.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	218929	298.932	ug/l	99
59) 2-Hexanone	10.84	43	176103	266.885	ug/l	99
60) Dibromochloromethane	10.98	129	56868	57.013	ug/l	97
61) 1,2-Dibromoethane	11.09	107	49182	56.555	ug/l	99
64) Tetrachloroethene	10.71	164	50782	51.181	ug/l	96
65) Chlorobenzene	11.51	112	155367	49.687	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	55558	52.549	ug/l	98
67) Ethyl Benzene	11.59	91	270030	48.389	ug/l	98
68) m/p-Xylenes	11.70	106	208663	98.269	ug/l	100
69) o-Xylene	12.02	106	104950	51.045	ug/l	95
70) Styrene	12.04	104	185770	51.468	ug/l	99
71) Bromoform	12.21	173	31721	51.826	ug/l #	96
73) Isopropylbenzene	12.33	105	263533	45.611	ug/l	99
74) N-amyl acetate	12.14	43	88040	53.487	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	67883	49.911	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	40682m	40.330	ug/l	
77) Bromobenzene	12.60	156	60391	50.056	ug/l	97
78) n-propylbenzene	12.67	91	323791	45.942	ug/l	100
79) 2-Chlorotoluene	12.76	91	183708	46.624	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	225041	47.019	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23760	45.301	ug/l	97
82) 4-Chlorotoluene	12.85	91	190804	46.831	ug/l	96
83) tert-Butylbenzene	13.07	119	189484	46.274	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	228845	48.499	ug/l	100
85) sec-Butylbenzene	13.25	105	275704	45.573	ug/l	99
86) p-Isopropyltoluene	13.37	119	238224	46.455	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	116639	48.737	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	119188	49.561	ug/l	99
89) n-Butylbenzene	13.69	91	236414	44.814	ug/l	99
90) Hexachloroethane	13.96	117	47253	46.892	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	114066	50.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12291	50.756	ug/l	98

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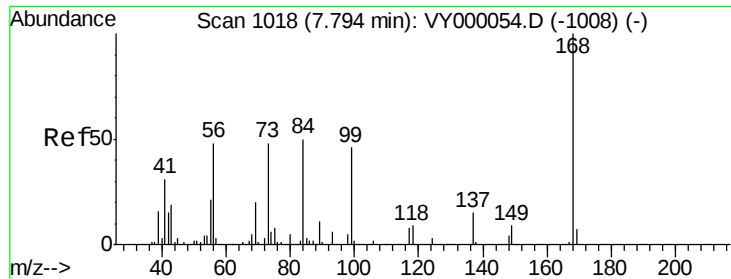
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	71073	52.383	ug/l	98
94) Hexachlorobutadiene	15.11	225	32152	49.356	ug/l	98
95) Naphthalene	15.23	128	196335	50.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.41	180	67000	51.744	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 83690

Ion Ratio Lower Upper

168 100

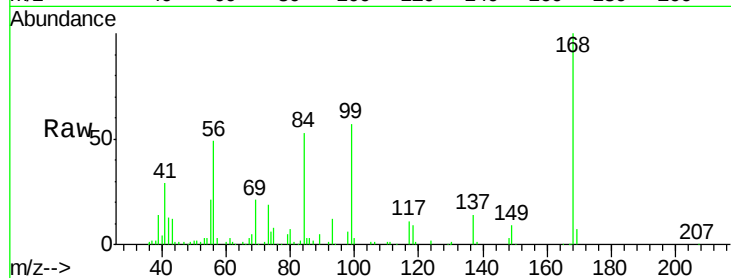
99 57.1 44.2 66.2

Manual Integrations

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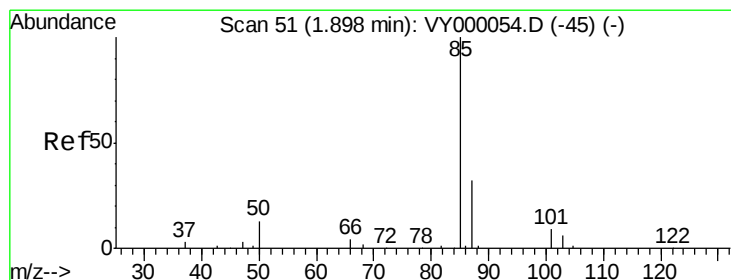
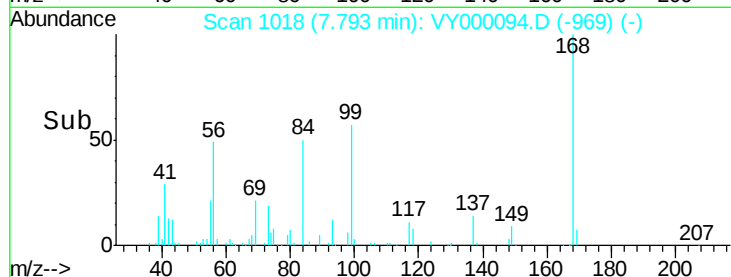
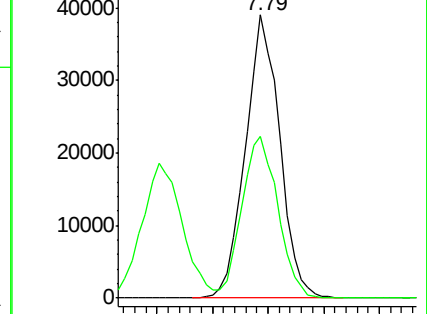
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Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

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



#2

Dichlorodifluoromethane

Concen: 50.786 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000094.D

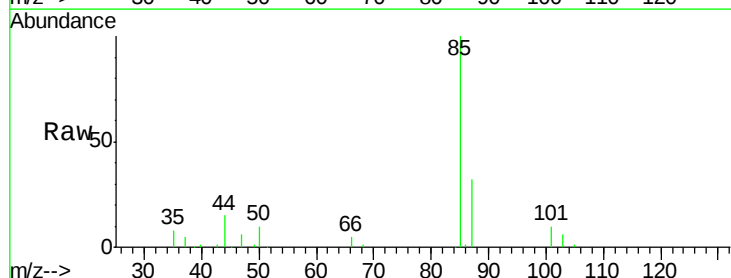
Acq: 19 Sep 2019 21:44

Tgt Ion: 85 Resp: 29273

Ion Ratio Lower Upper

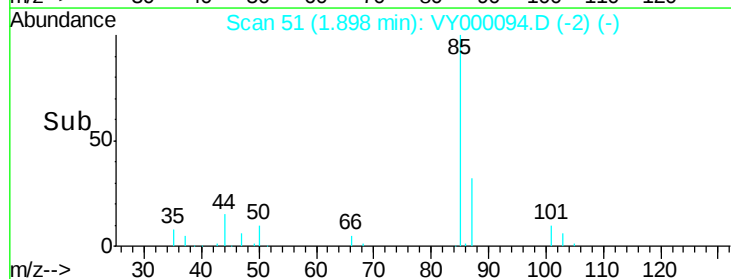
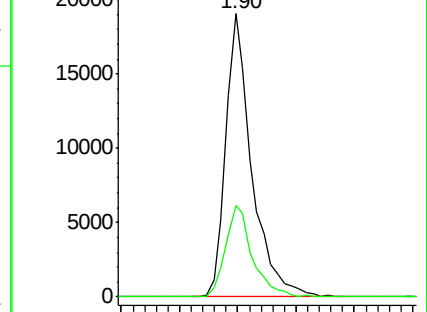
85 100

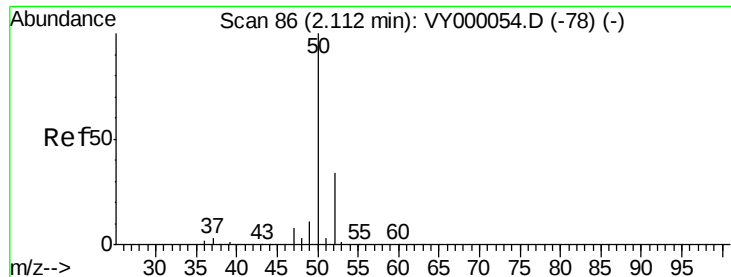
87 32.1 16.2 48.5



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

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





#3

Chloromethane

Concen: 45.861 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 35199

Ion Ratio Lower Upper

50 100

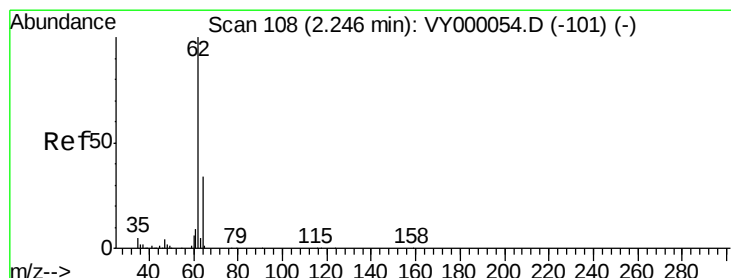
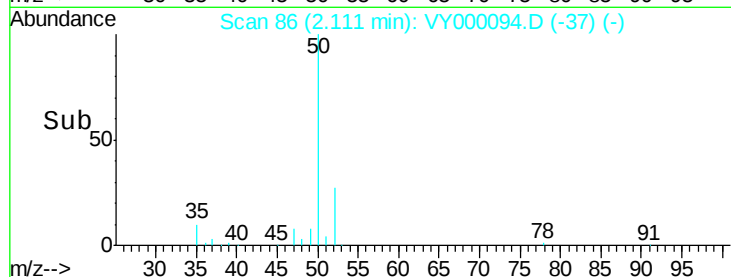
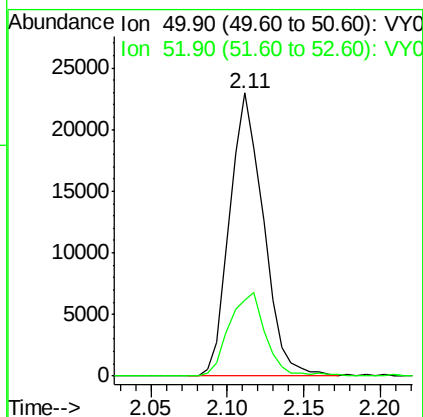
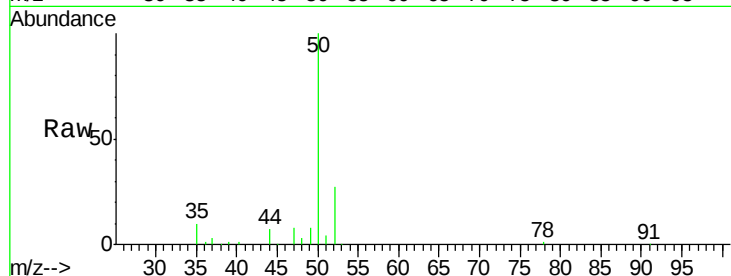
52 27.0 27.3 40.9#

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.553 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000094.D

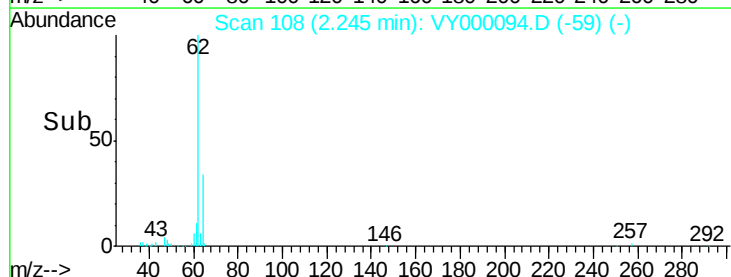
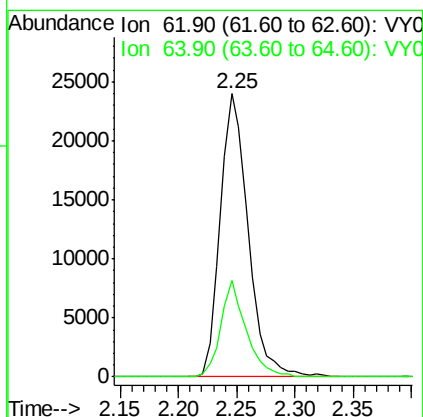
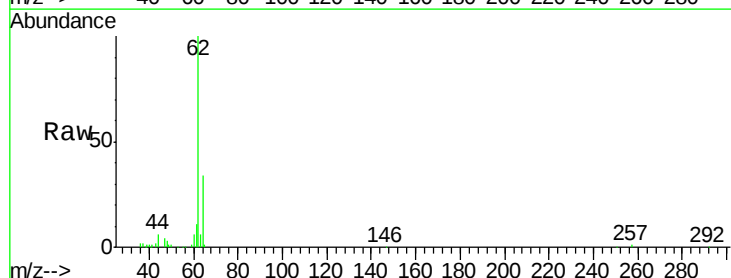
Acq: 19 Sep 2019 21:44

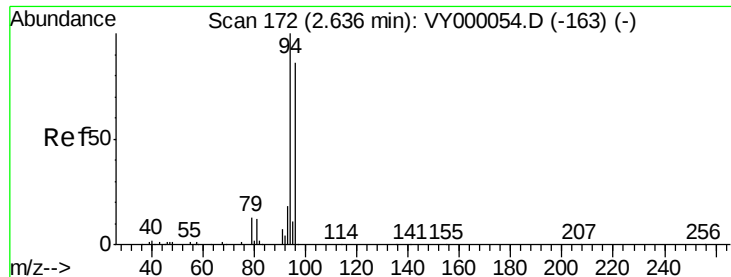
Tgt Ion: 62 Resp: 39737

Ion Ratio Lower Upper

62 100

64 34.1 26.9 40.3





#5

Bromomethane

Concen: 51.964 ug/l

RT: 2.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 29817

Ion Ratio Lower Upper

94 100

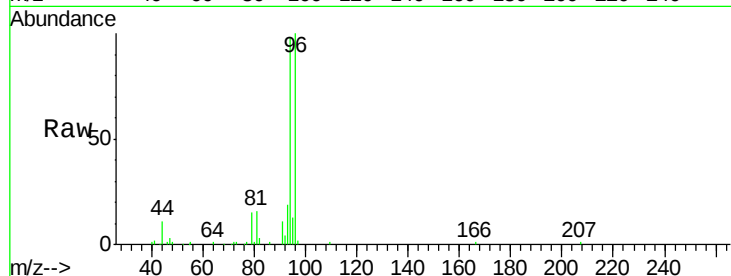
96 101.6 69.1 103.7

Manual Integrations

APPROVED

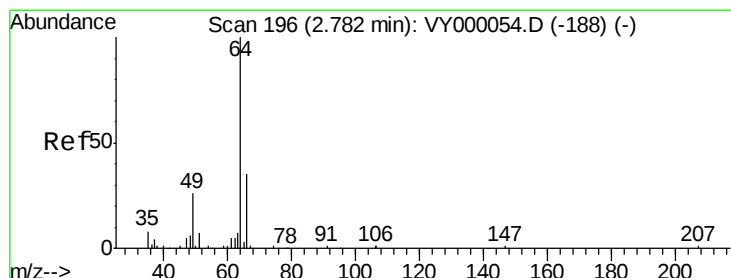
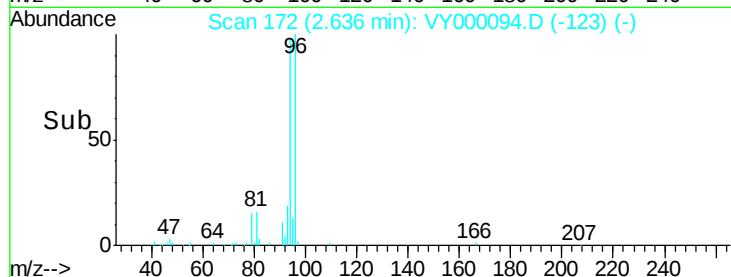
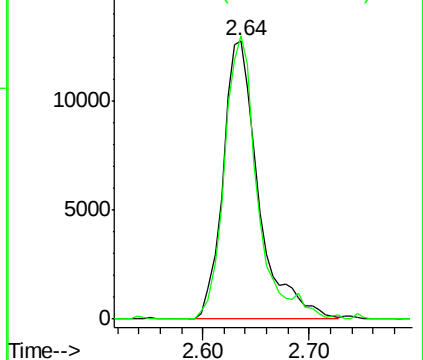
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.261 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VY000094.D

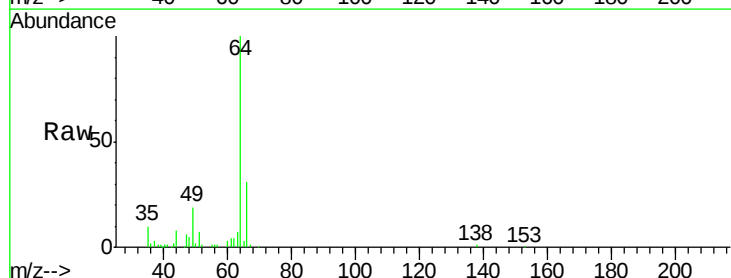
Acq: 19 Sep 2019 21:44

Tgt Ion: 64 Resp: 29583

Ion Ratio Lower Upper

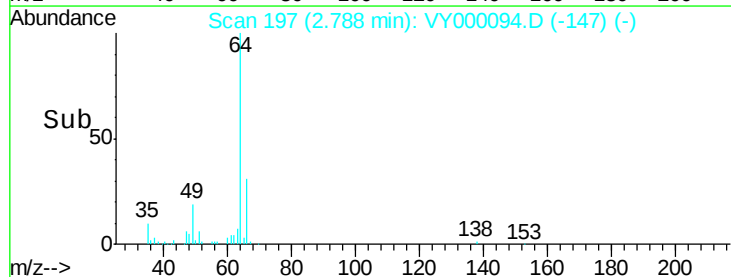
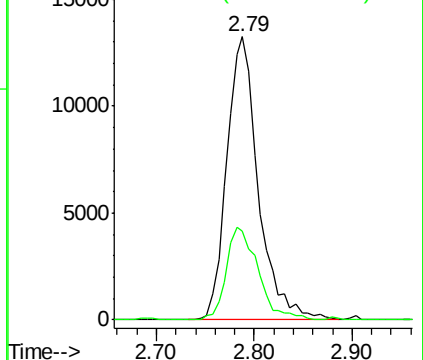
64 100

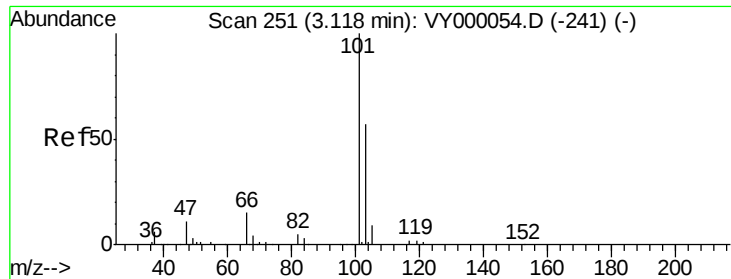
66 31.4 27.7 41.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

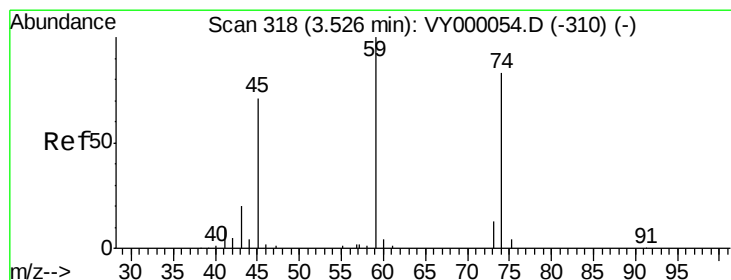
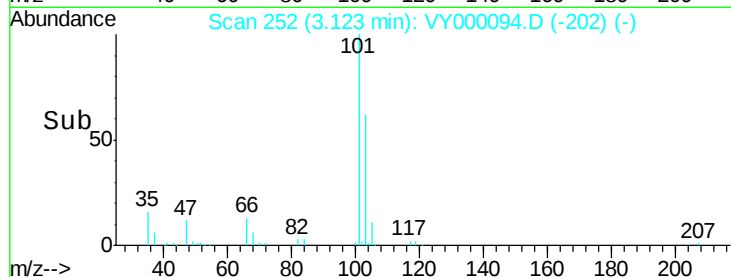
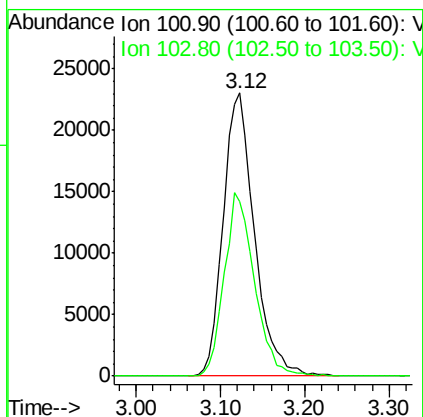
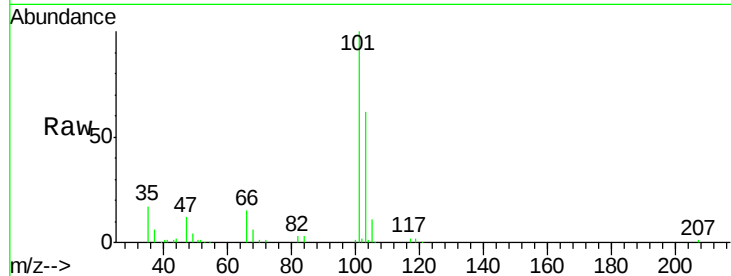
Trichlorofluoromethane
Concen: 45.226 ug/l
RT: 3.12 min Scan# 252
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	45.7	68.5

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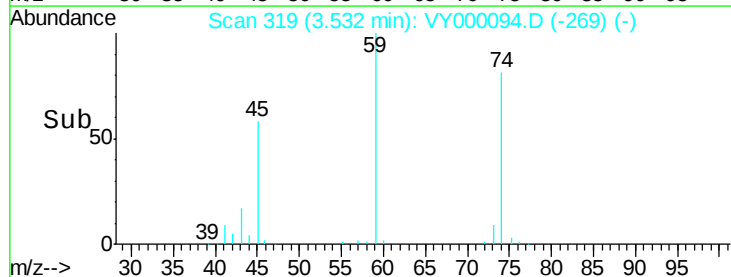
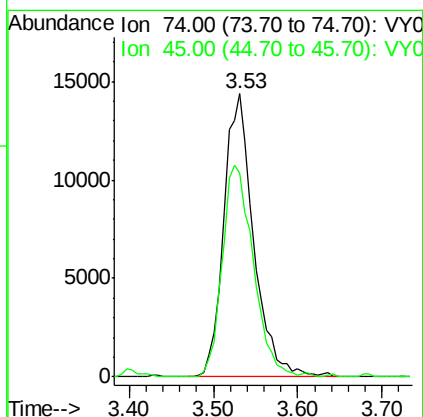
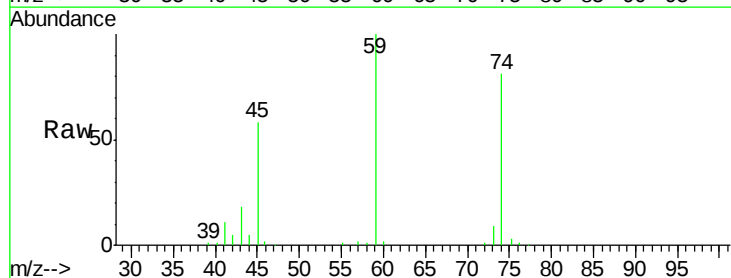
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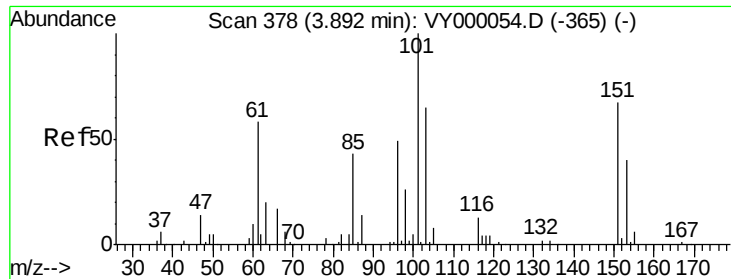


#8

Diethyl Ether
Concen: 62.843 ug/l
RT: 3.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.6	40.6	122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.882 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

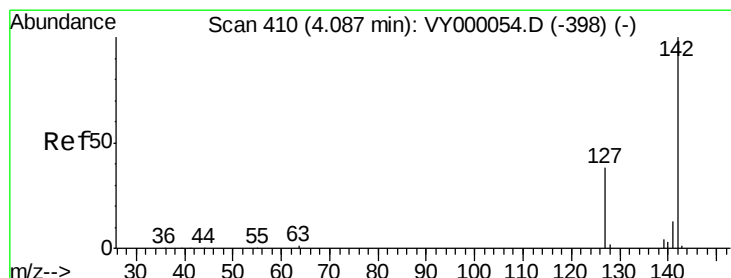
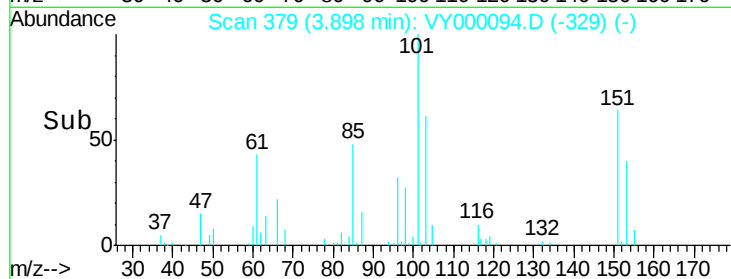
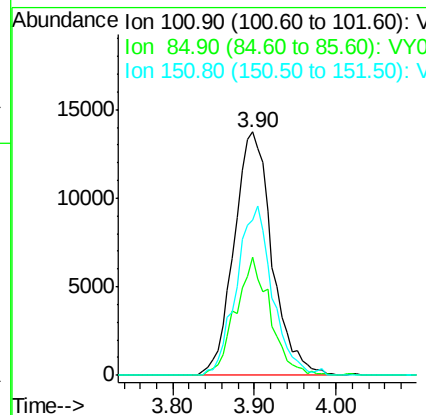
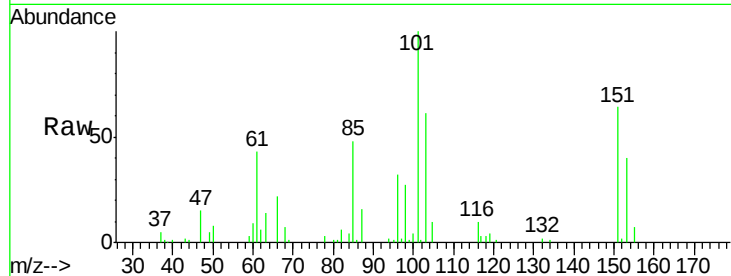
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	44186
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.8	55.2
151	65.2	54.4	81.6

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#10

Methyl Iodide

Concen: 49.139 ug/l

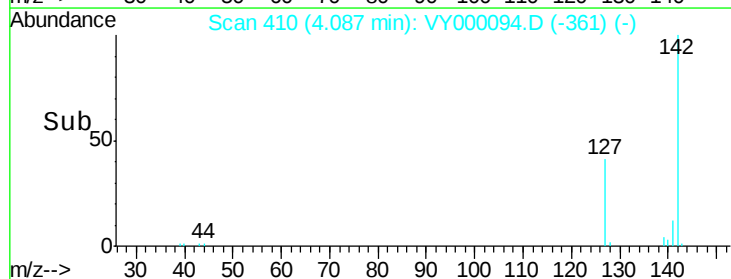
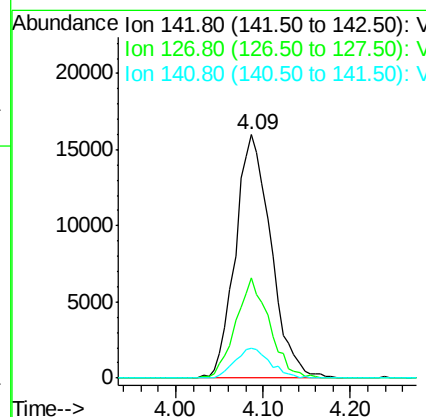
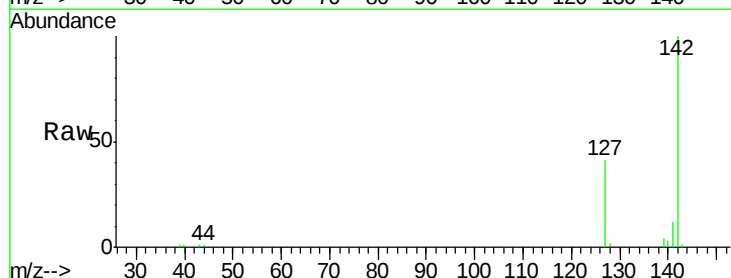
RT: 4.09 min Scan# 410

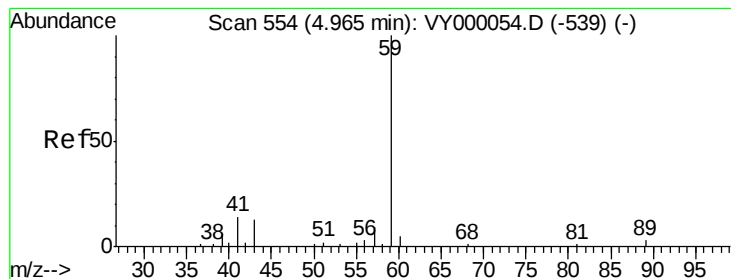
Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	142	Resp:	45266
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.6	47.4
141	12.2	10.9	16.3





#11

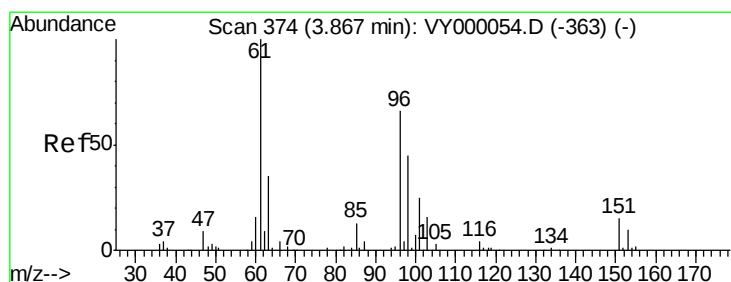
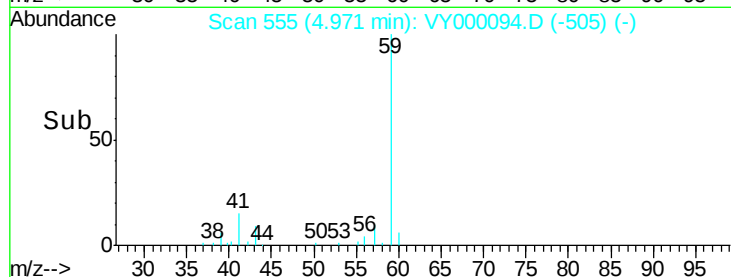
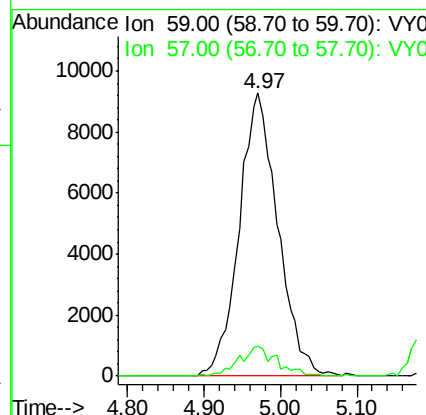
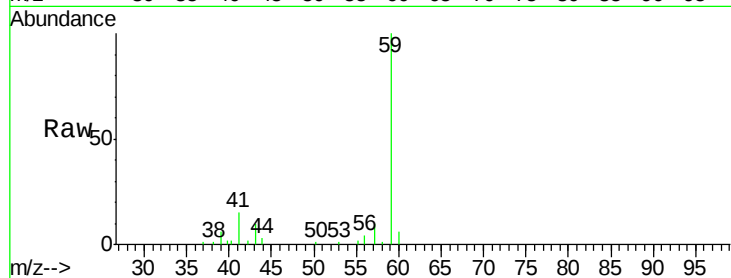
Tert butyl alcohol
 Concen: 285.901 ug/l
 RT: 4.97 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	32635
Ion Ratio	100	Lower	Upper
57	10.3	8.0	12.0

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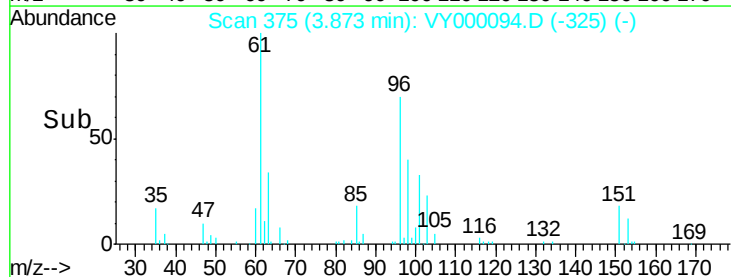
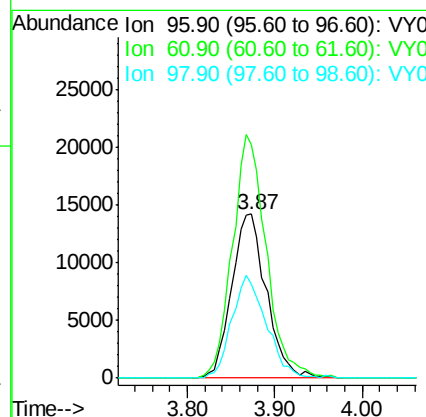
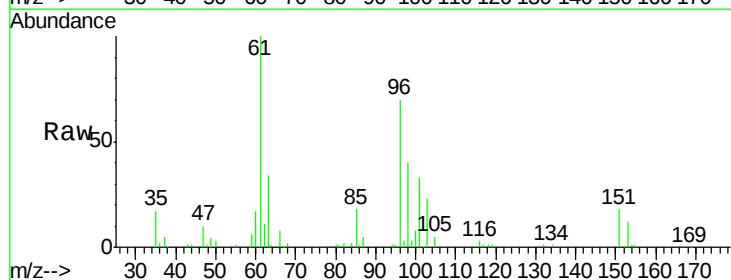
MMDadoda
 9/24/2019 5:30:36 AM

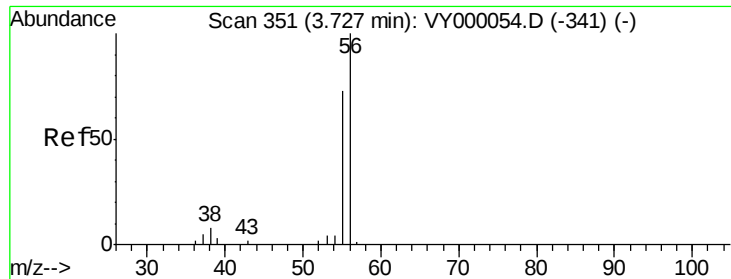


#12

1,1-Dichloroethene
 Concen: 48.222 ug/l
 RT: 3.87 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Tgt Ion	96	Resp	39377
Ion Ratio	100	Lower	Upper
61	142.9	120.4	180.6
98	57.0	54.1	81.1





#13

Acrolein

Concen: 176.192 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 10483

Ion Ratio Lower Upper

56 100

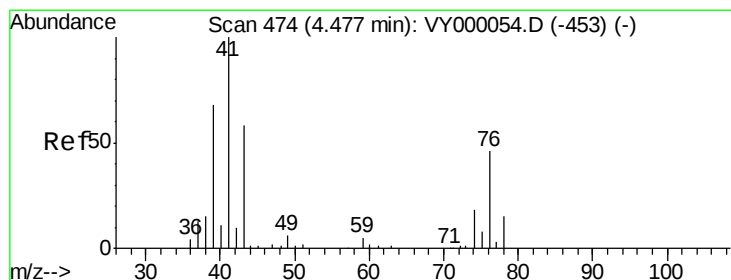
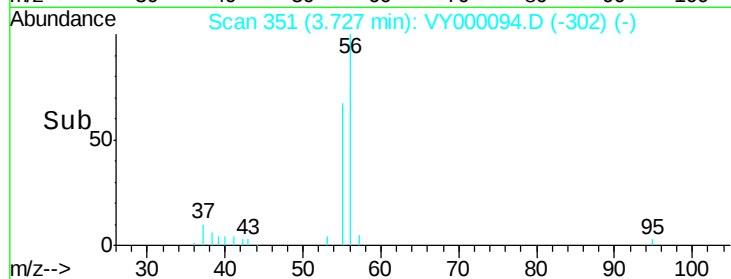
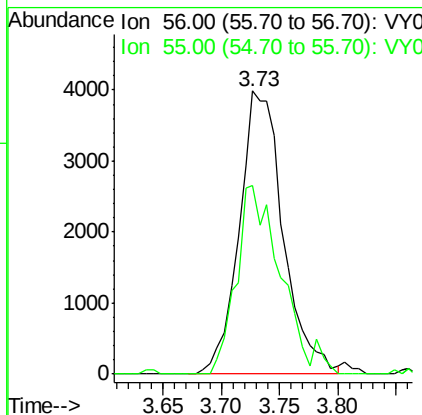
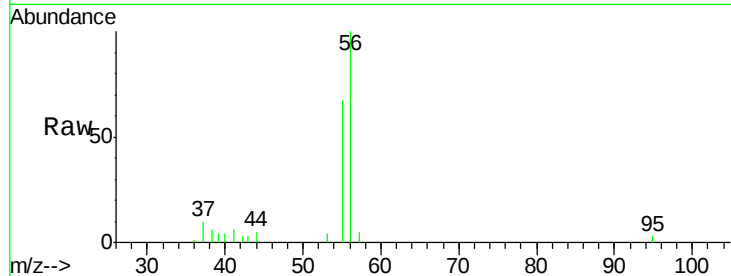
55 64.7 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 52.005 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

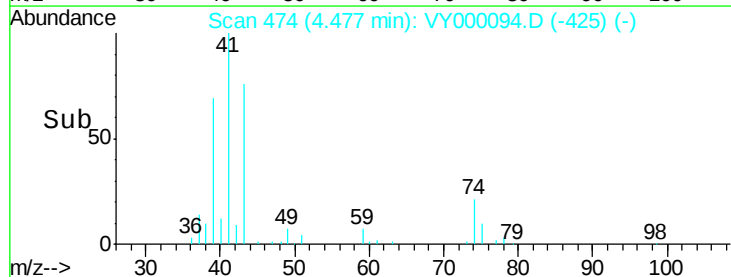
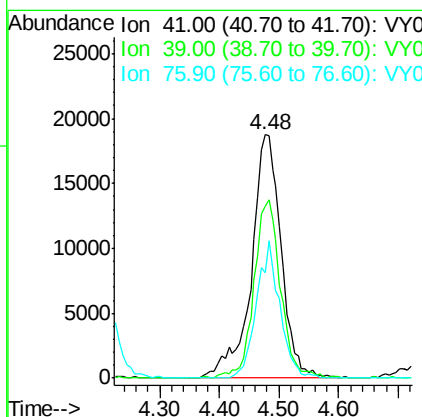
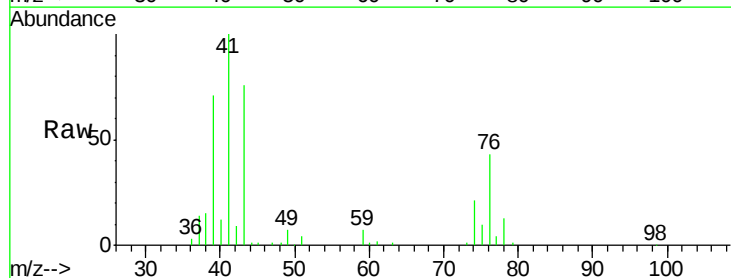
Tgt Ion: 41 Resp: 64905

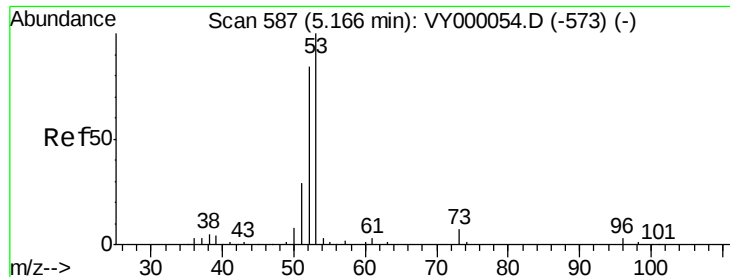
Ion Ratio Lower Upper

41 100

39 65.5 52.7 79.1

76 43.8 35.5 53.3





#15

Acrylonitrile

Concen: 294.838 ug/l

RT: 5.17 min Scan# 588

Delta R.T. 0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

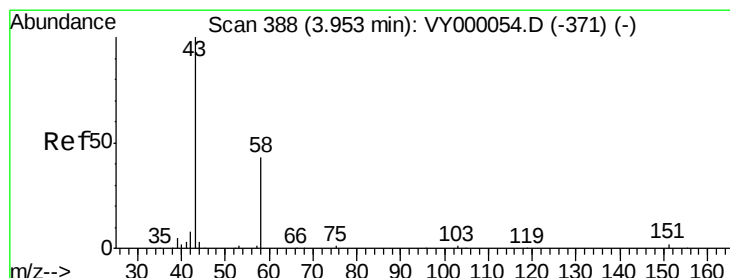
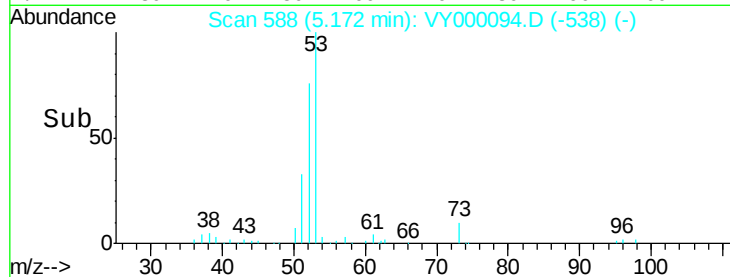
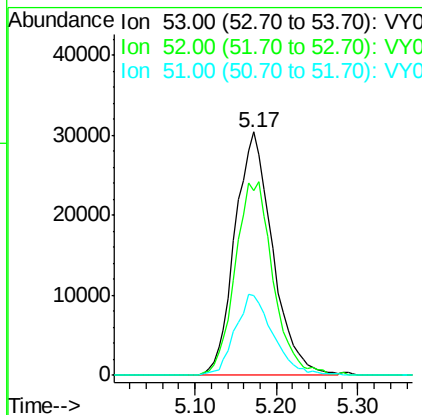
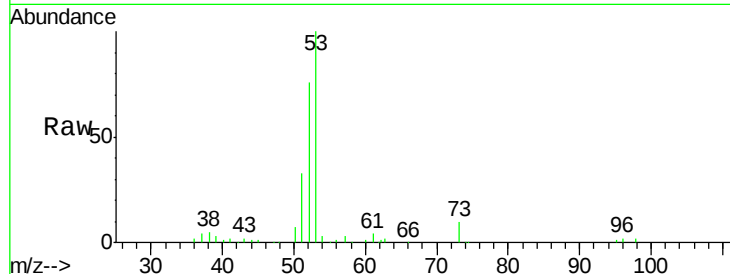
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	97742
Ion	Ratio	Lower	Upper
53	100		
52	80.3	64.7	97.1
51	33.4	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 272.243 ug/l

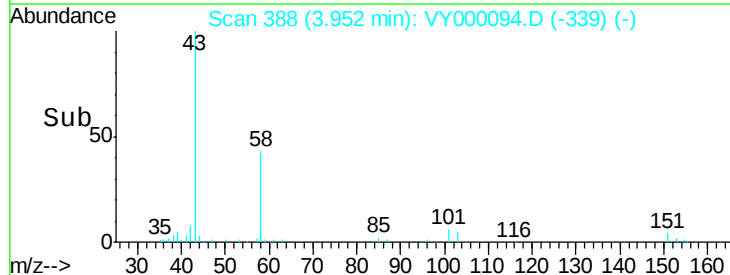
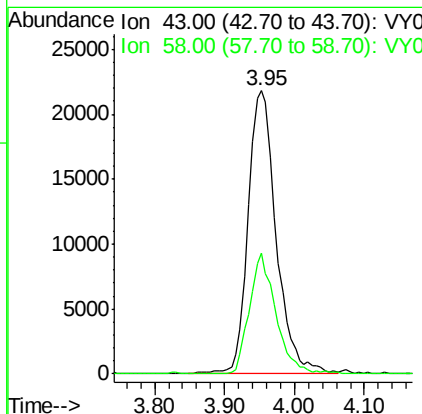
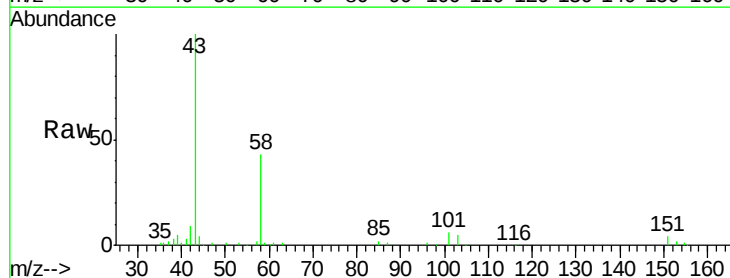
RT: 3.95 min Scan# 388

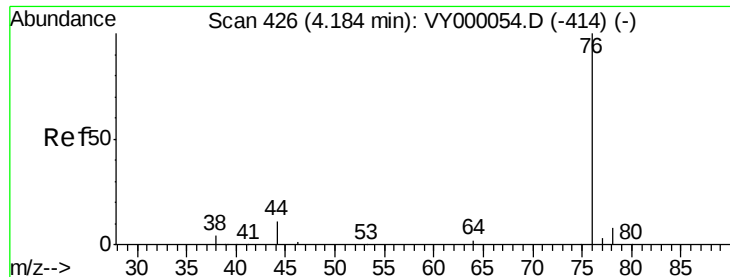
Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	43	Resp:	61033
Ion	Ratio	Lower	Upper
43	100		
58	42.8	34.5	51.7





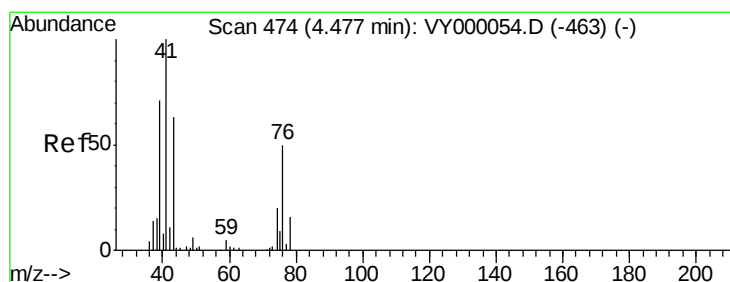
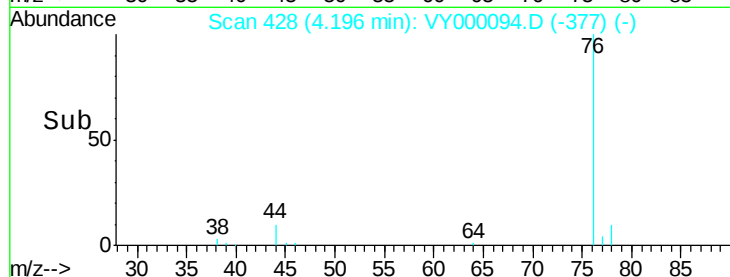
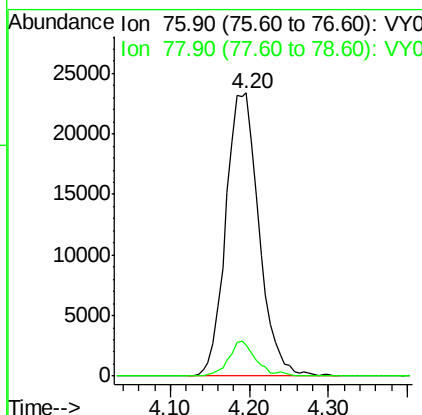
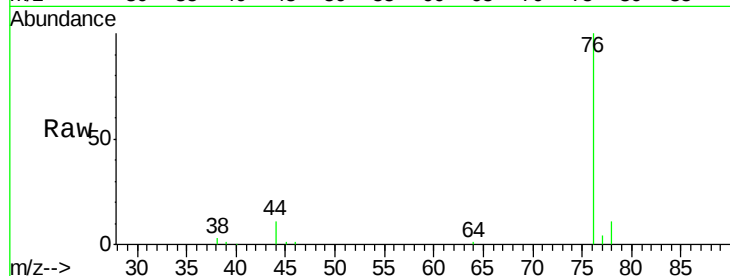
#17
Carbon Disulfide
Concen: 47.412 ug/l
RT: 4.20 min Scan# 428
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.9	6.6	9.8#

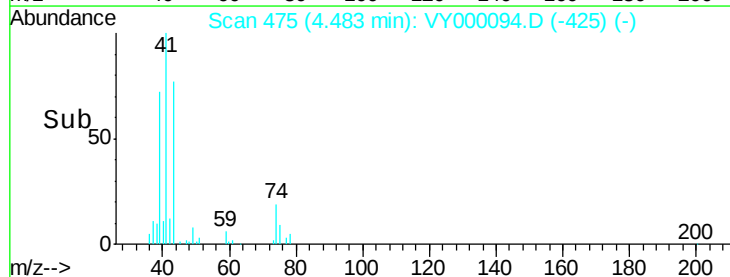
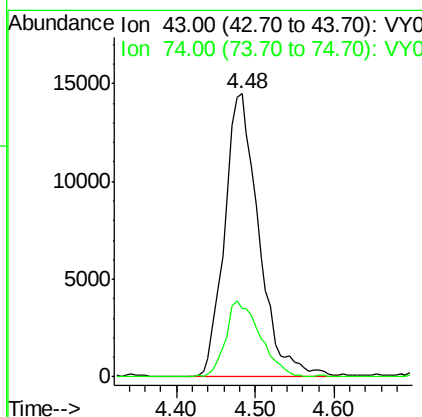
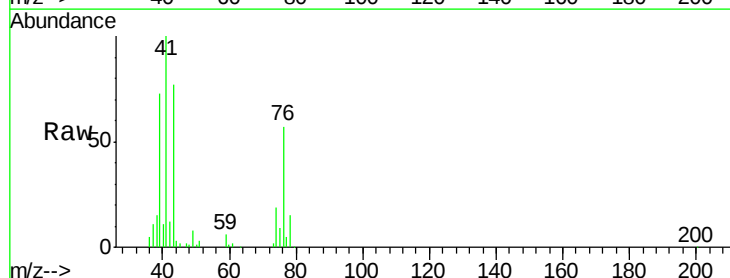
Manual Integrations
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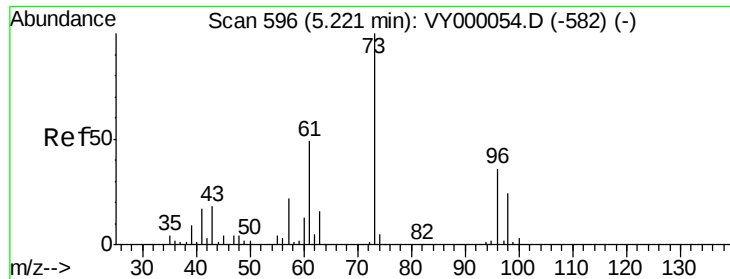
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#18
Methyl Acetate
Concen: 58.543 ug/l
RT: 4.48 min Scan# 475
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	24.1	36.1





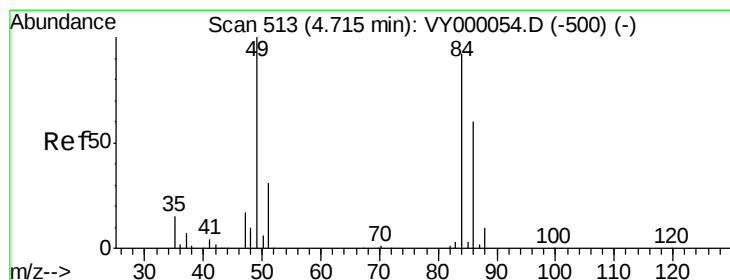
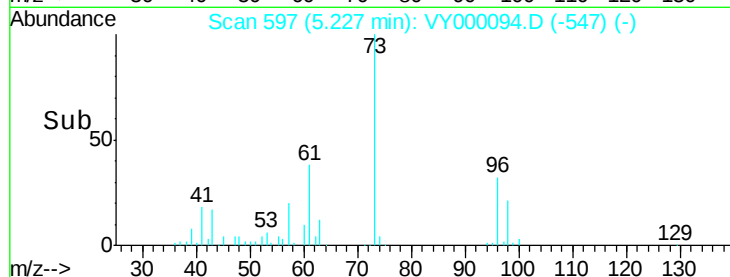
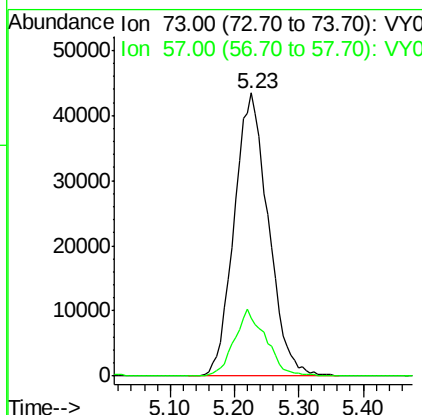
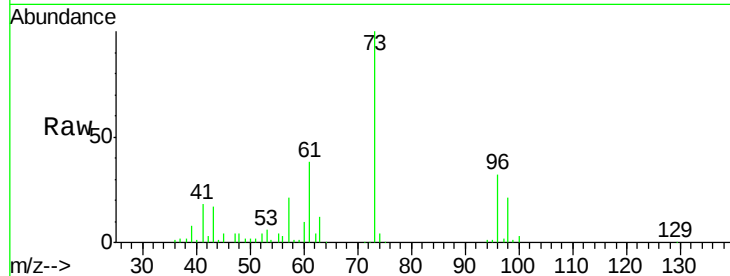
#19
Methyl tert-butyl Ether
Concen: 62.617 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 159789
Ion Ratio Lower Upper
73 100
57 20.6 17.5 26.3

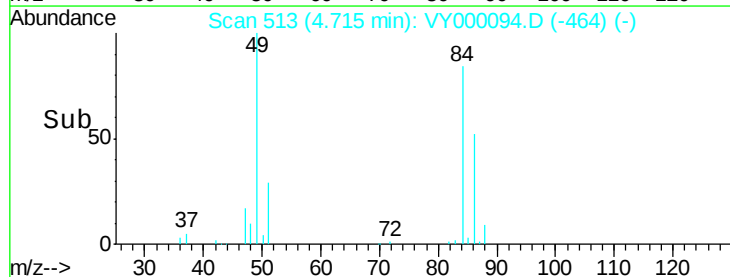
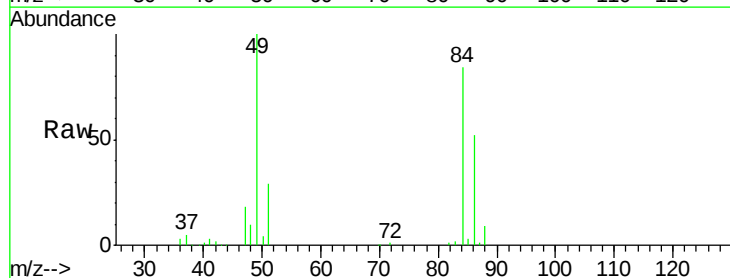
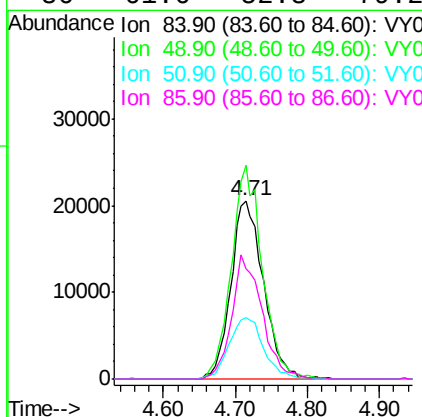
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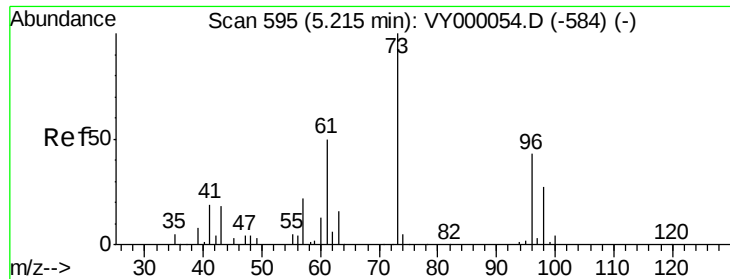
MMDadoda
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#20
Methylene Chloride
Concen: 61.231 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 84 Resp: 64575
Ion Ratio Lower Upper
84 100
49 119.6 87.4 131.0
51 34.5 27.2 40.8
86 61.6 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 51.292 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

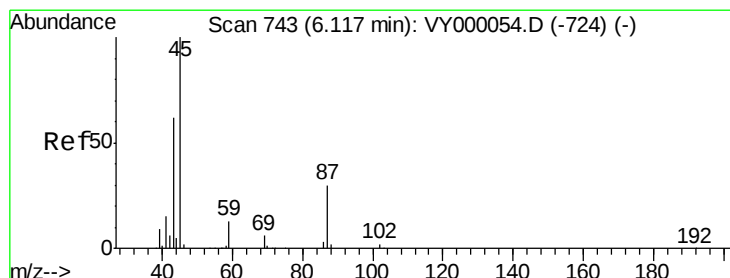
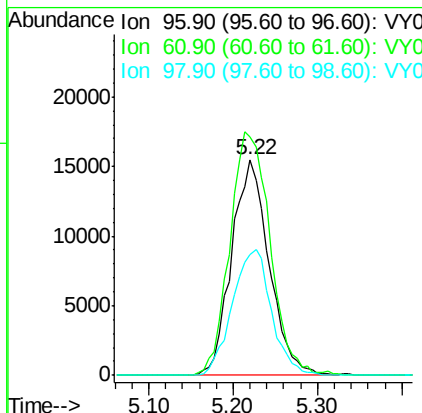
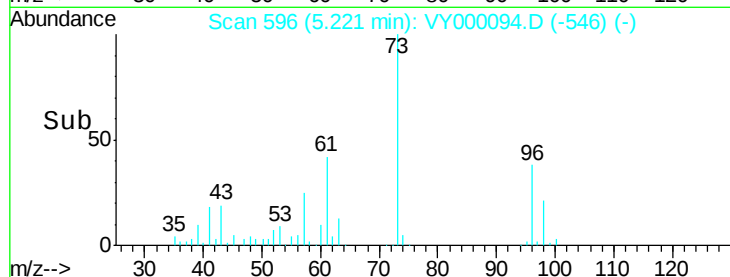
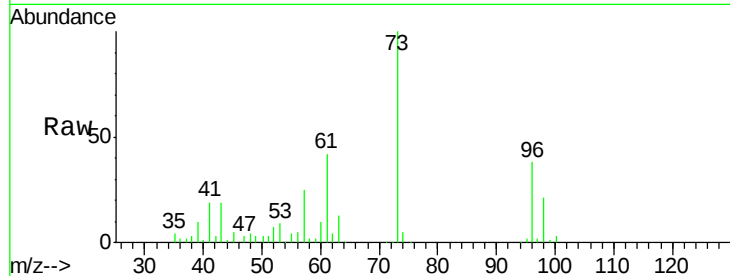
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	46559
Ion	Ratio	Lower	Upper
96	100		
61	110.3	94.0	141.0
98	55.7	50.3	75.5

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#22

Diisopropyl ether

Concen: 61.266 ug/l

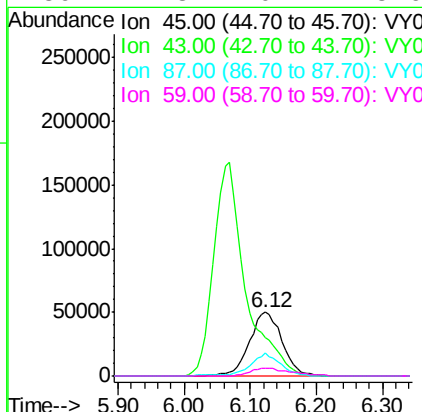
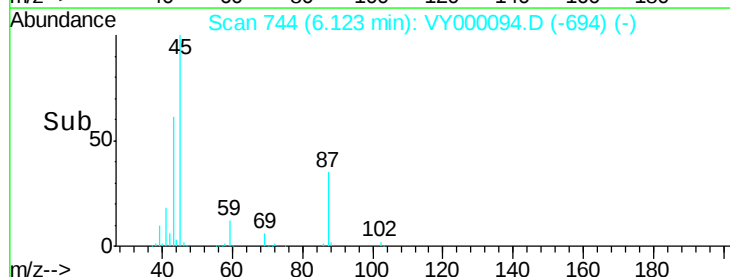
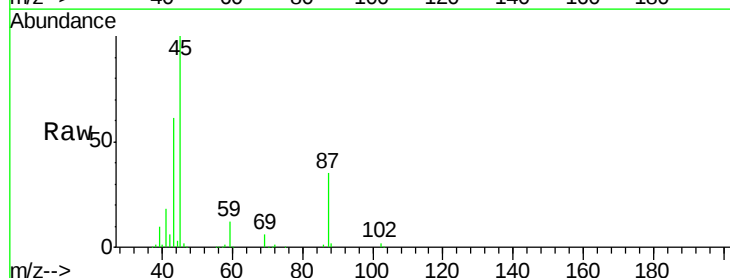
RT: 6.12 min Scan# 744

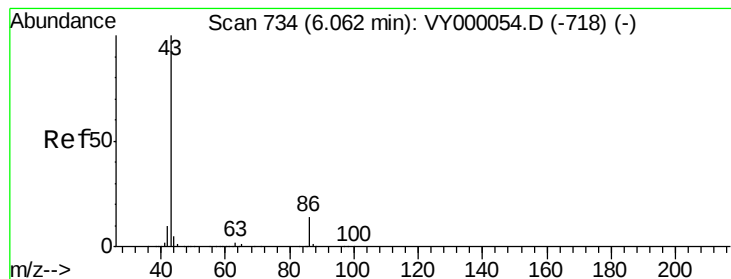
Delta R.T. 0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	45	Resp:	172758
Ion	Ratio	Lower	Upper
45	100		
43	61.0	49.9	74.9
87	35.3	25.0	37.4
59	11.8	10.4	15.6





#23

Vinyl Acetate

Concen: 297.066 ug/l

RT: 6.07 min Scan# 735

Delta R.T. 0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tot Ion: 43 Resp: 560633

Ion Ratio Lower Upper

43 100

86 12.4 11.3 16.9

Instrument :

MSVOA_Y

ClientSampleId :

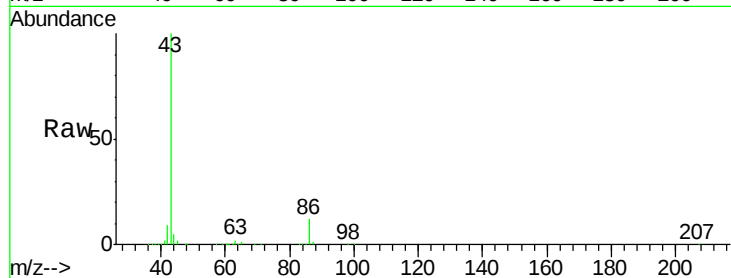
VSTDCCC050EC

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

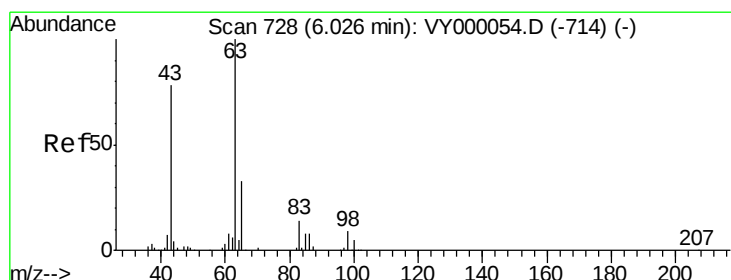
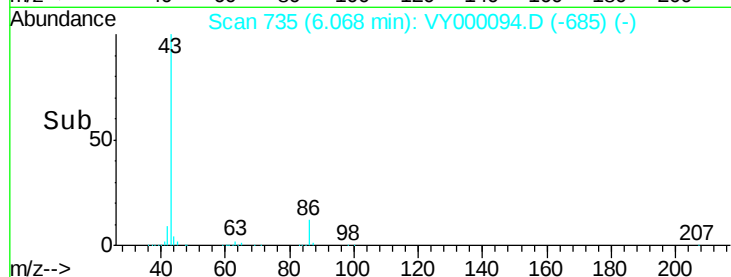
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.602 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

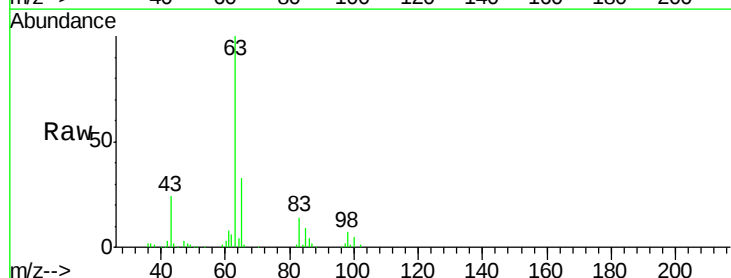
Tgt Ion: 63 Resp: 92798

Ion Ratio Lower Upper

63 100

98 6.9 4.5 13.5

100 4.7 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

40000

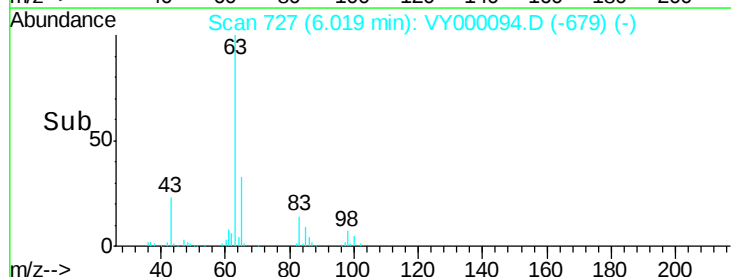
30000

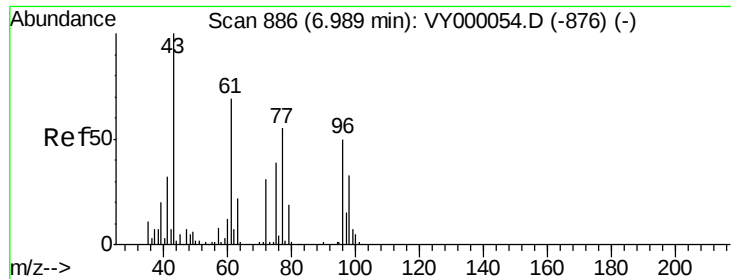
20000

10000

0

Time-->





#25

2-Butanone

Concen: 275.547 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 111888

Ion Ratio Lower Upper

43 100

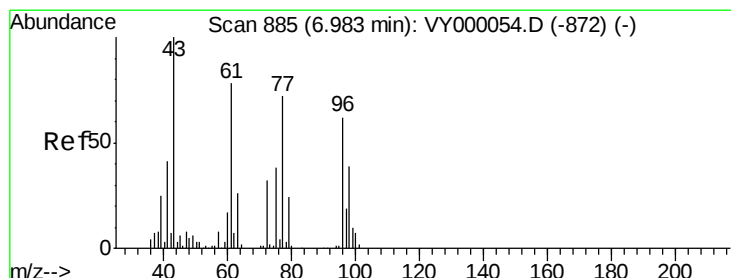
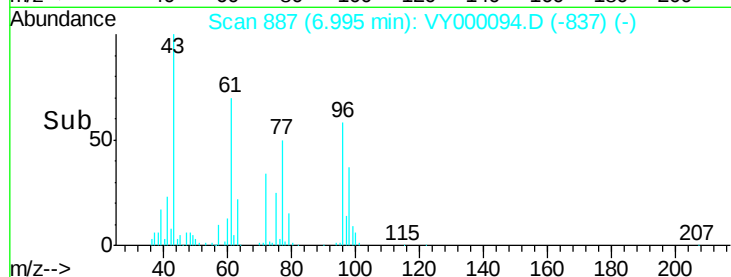
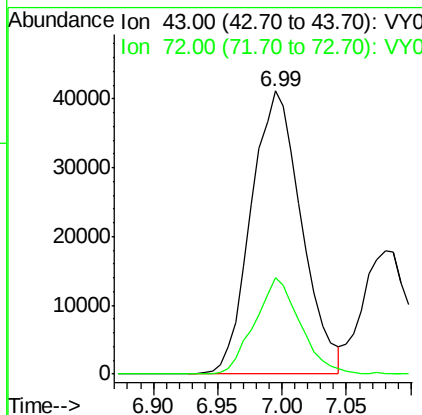
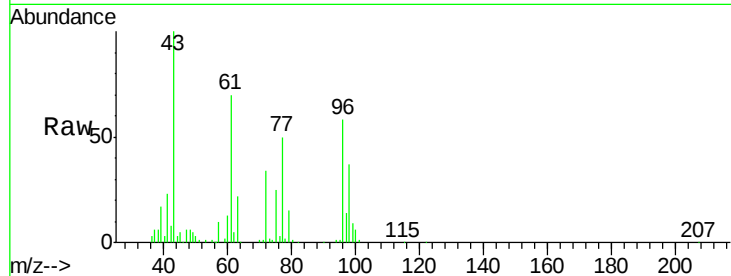
72 34.0 24.7 37.1

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 45.545 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.01 min

Lab File: VY000094.D

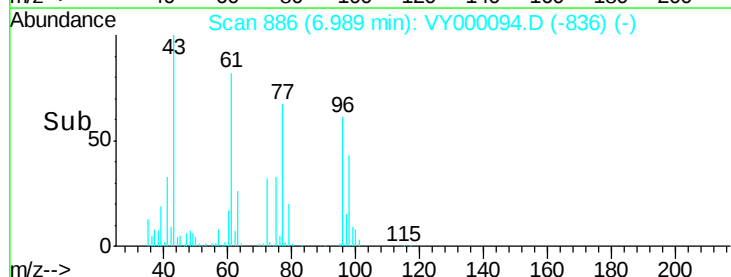
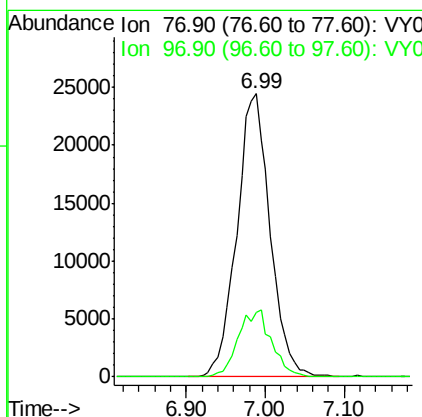
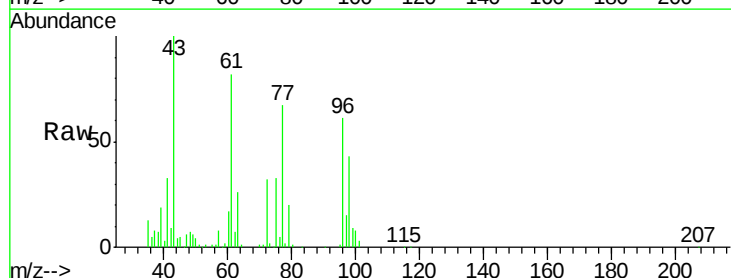
Acq: 19 Sep 2019 21:44

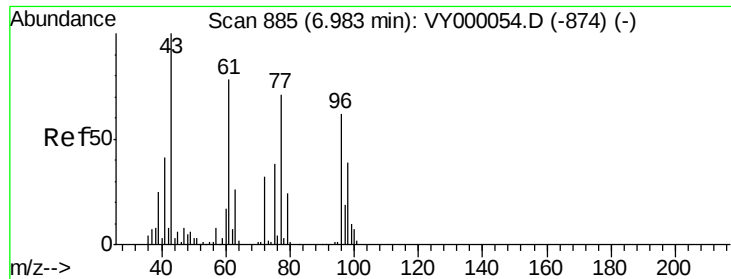
Tgt Ion: 77 Resp: 71736

Ion Ratio Lower Upper

77 100

97 23.7 12.5 37.5





#27

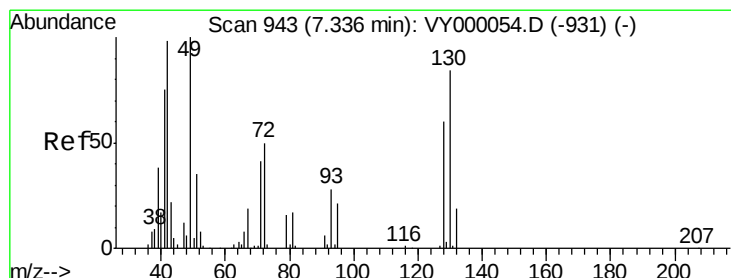
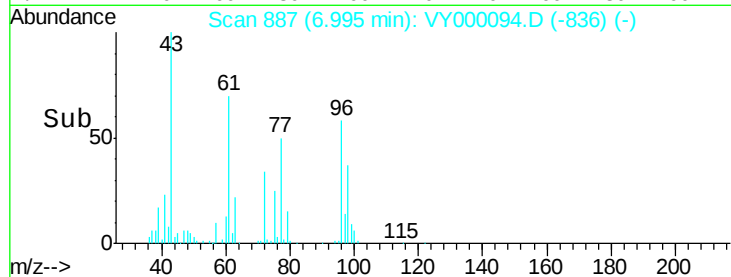
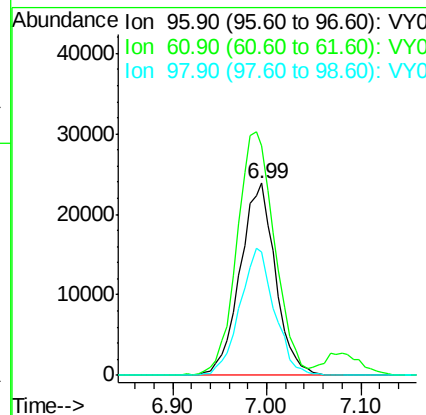
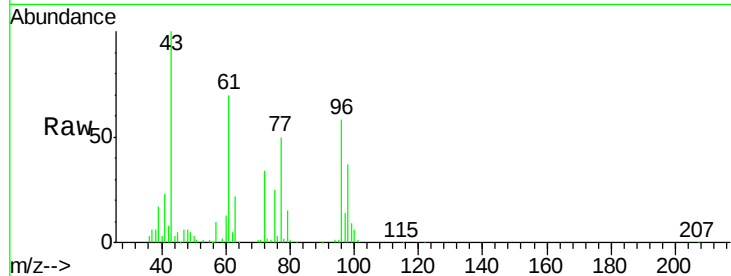
cis-1,2-Dichloroethene
Concen: 54.621 ug/l
RT: 6.99 min Scan# 887
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	62776		
61	135.1		0.0	263.0
98	64.5		0.0	130.2

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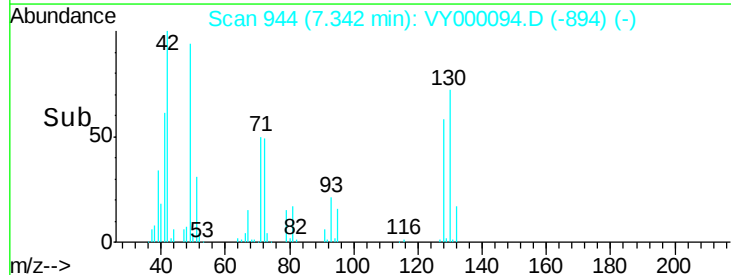
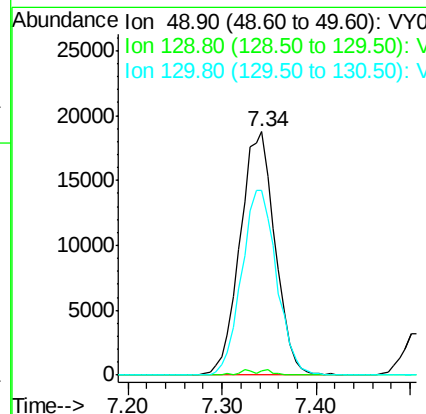
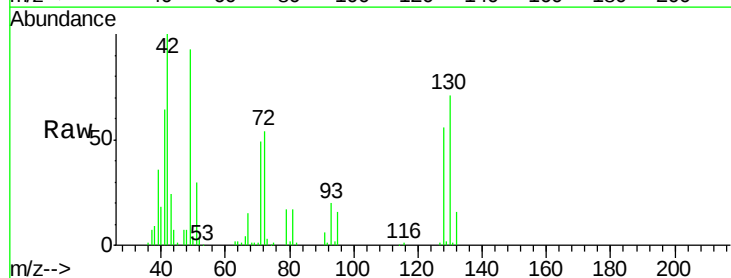
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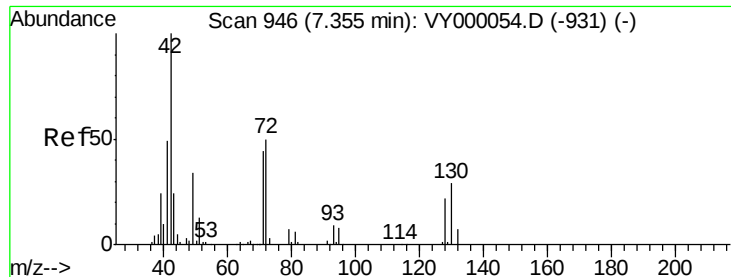


#28

Bromochloromethane
Concen: 62.908 ug/l
RT: 7.34 min Scan# 944
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	48667		
129	0.8		0.0	4.8
130	76.1		66.2	99.4





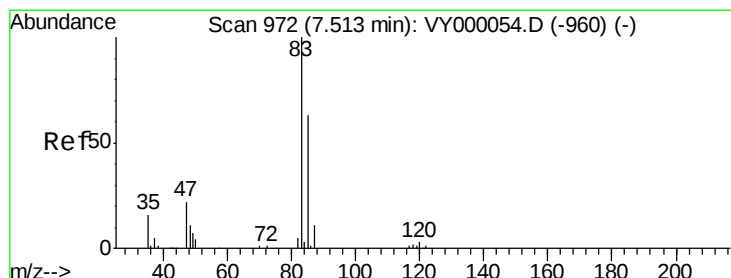
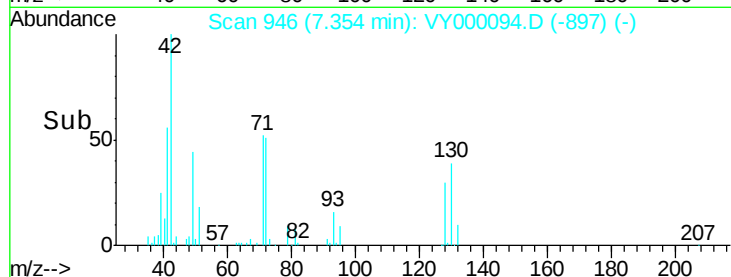
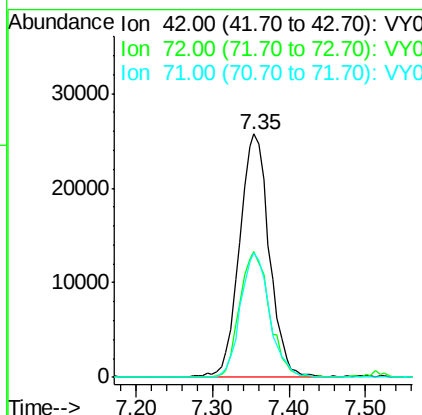
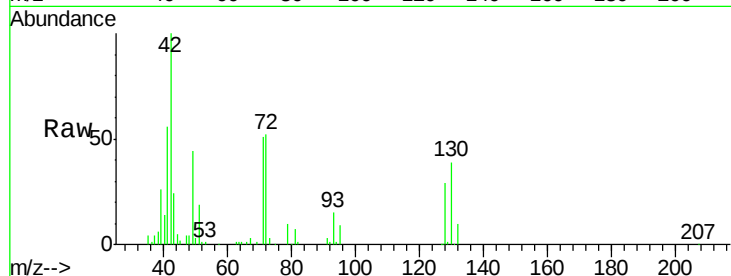
#29
Tetrahydrofuran
Concen: 286.655 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	41.8	62.6
71	49.7	38.6	58.0

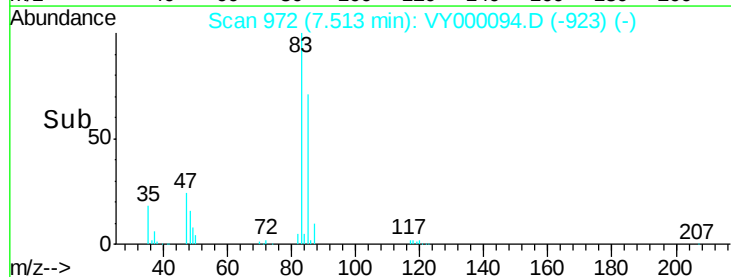
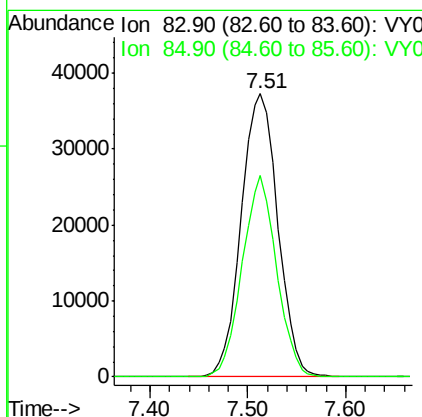
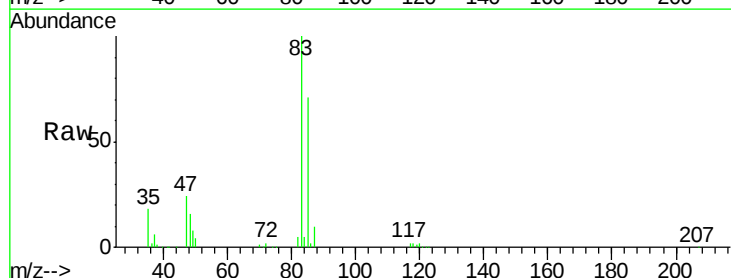
Manual Integrations
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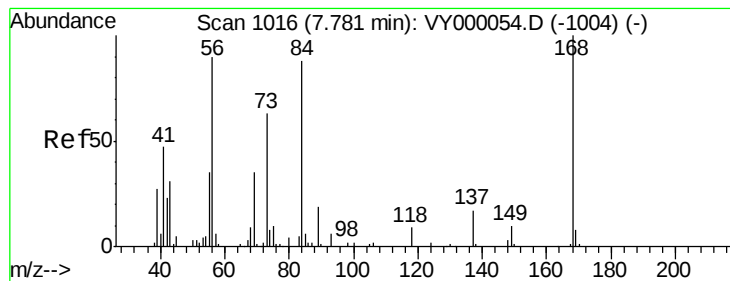
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#30
Chloroform
Concen: 56.188 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.0	50.6	76.0





#31

Cyclohexane

Concen: 50.467 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

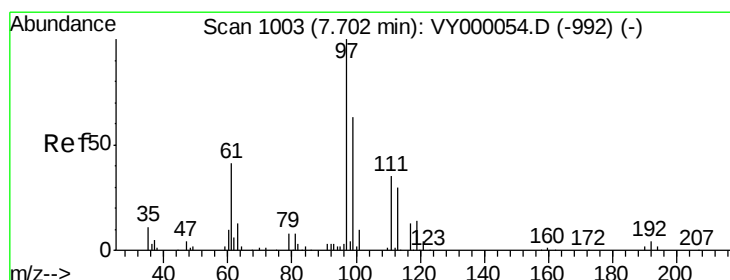
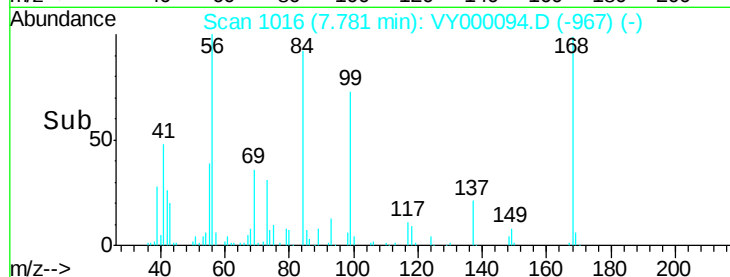
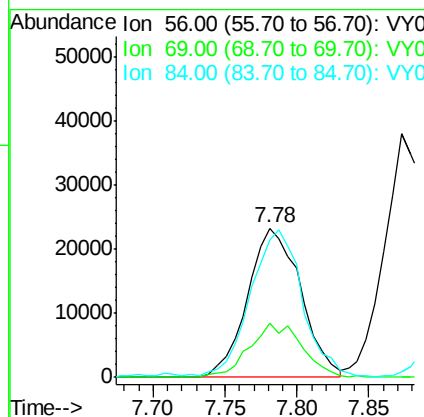
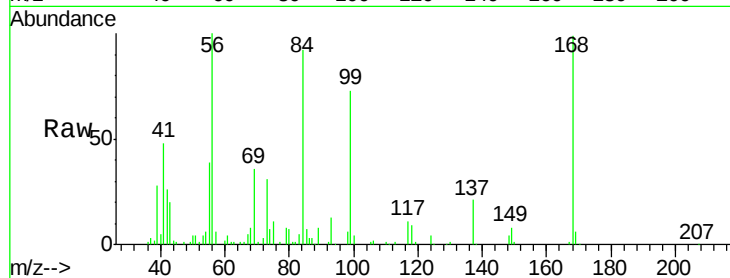
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	59718
Ion	Ratio	Lower	Upper
56	100		
69	36.1	30.9	46.3
84	90.1	78.5	117.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.946 ug/l

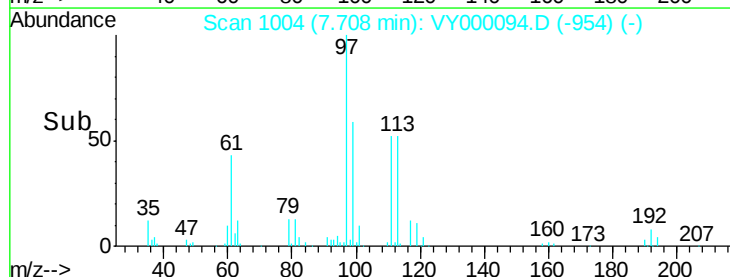
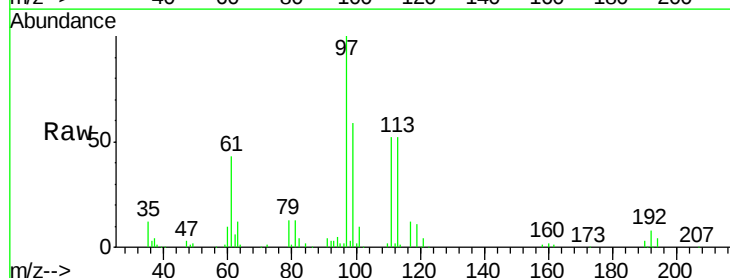
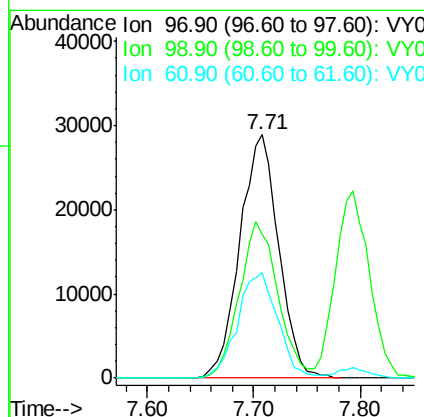
RT: 7.71 min Scan# 1004

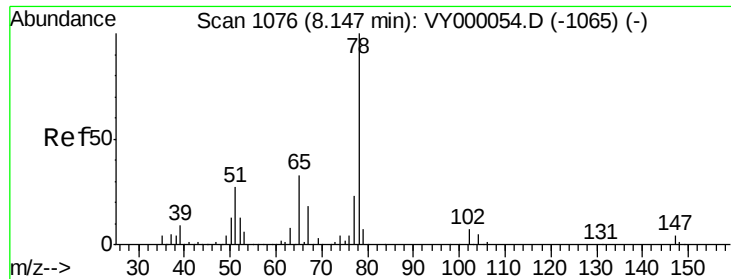
Delta R.T. 0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	97	Resp:	74069
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.6
61	44.6	34.3	51.5





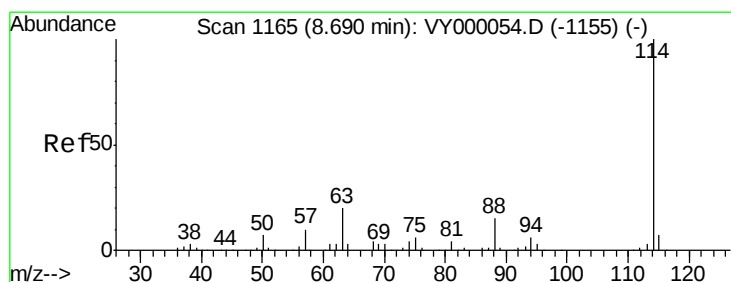
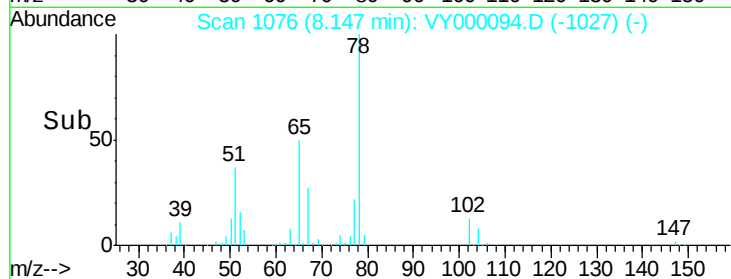
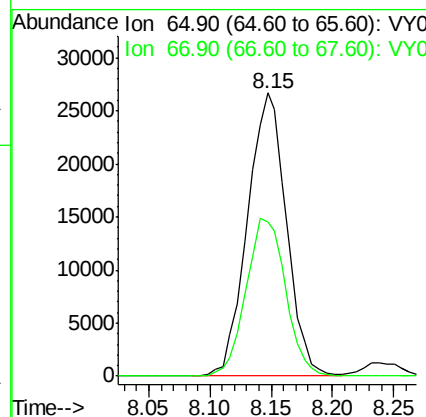
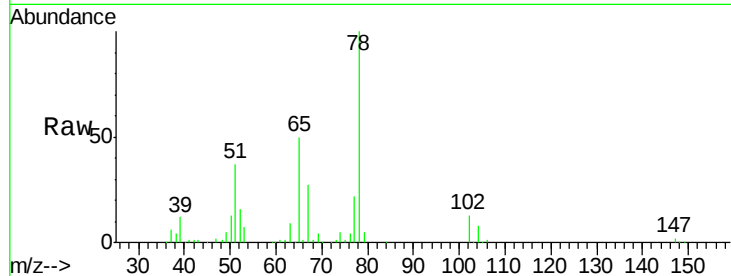
#33
 1,2-Dichloroethane-d4
 Concen: 61.375 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	59096		
67	56.4	0.0	111.0	

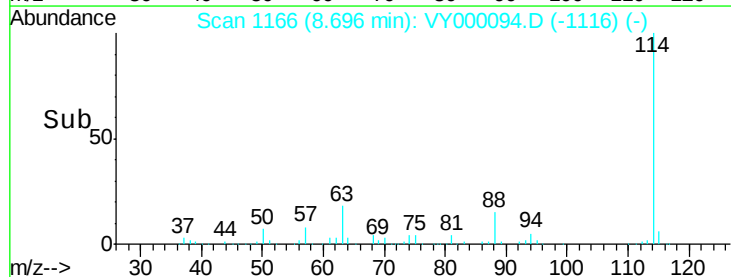
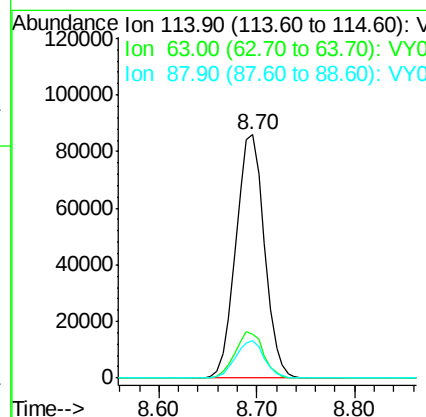
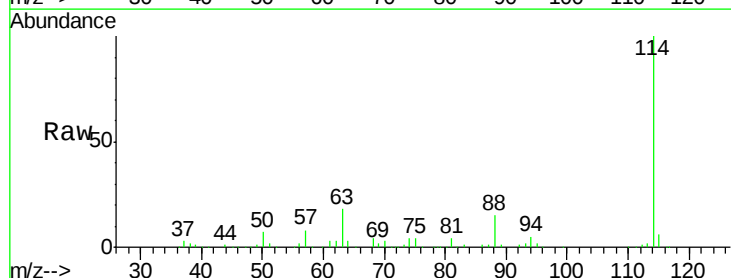
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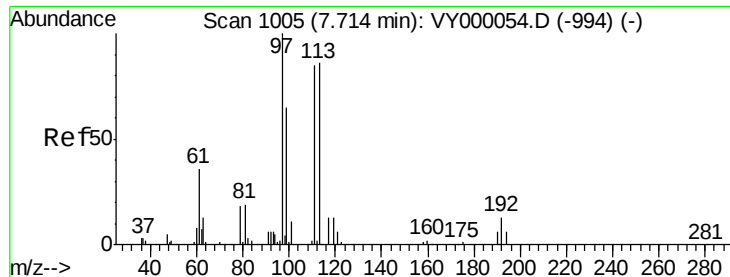
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	173790		
63	18.0	0.0	39.4	
88	15.3	0.0	30.2	





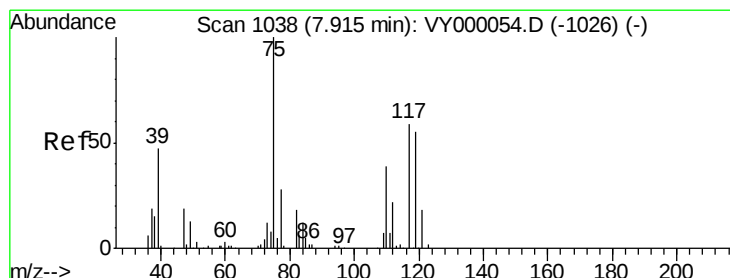
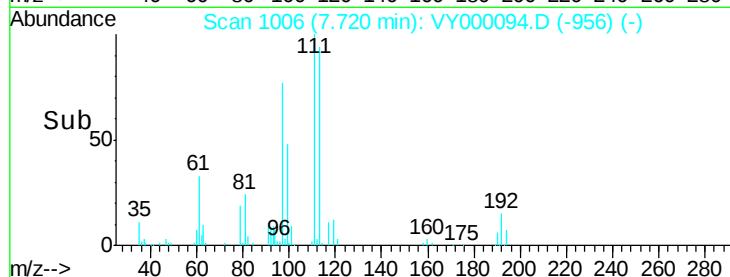
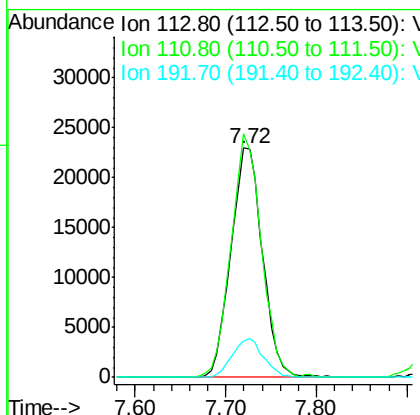
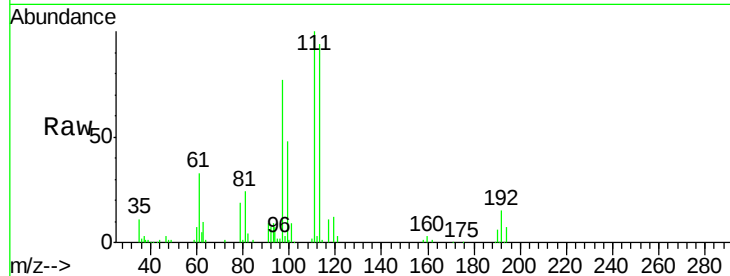
#35
 Dibromofluoromethane
 Concen: 52.673 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	16.5	13.4	20.2

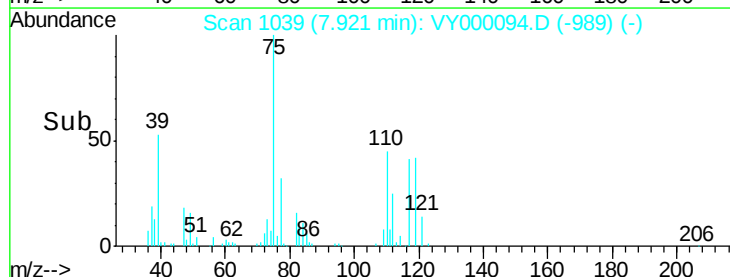
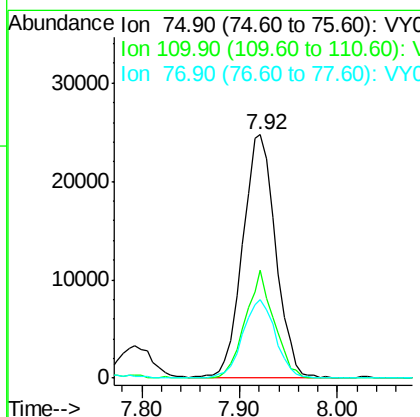
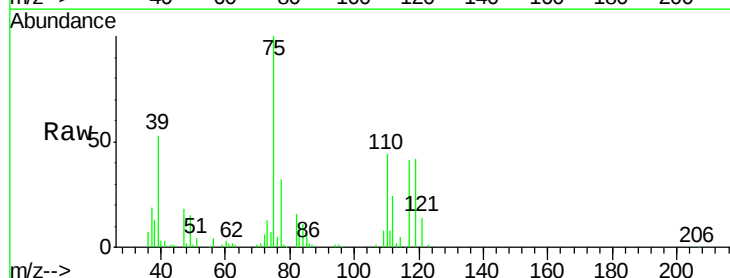
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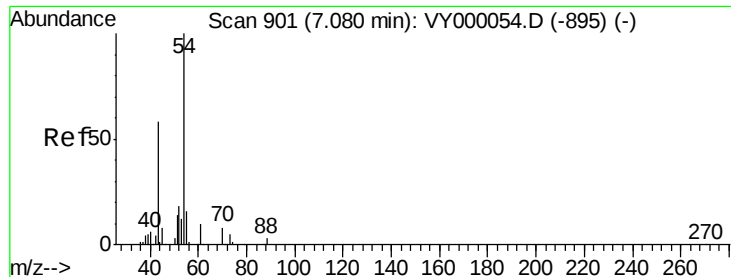
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#36
 1,1-Dichloropropene
 Concen: 44.703 ug/l
 RT: 7.92 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.6	58.7
77	31.6	24.3	36.5





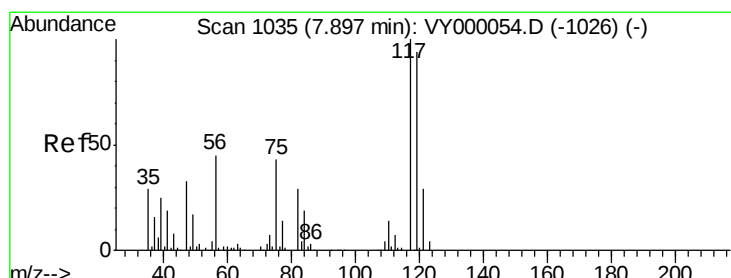
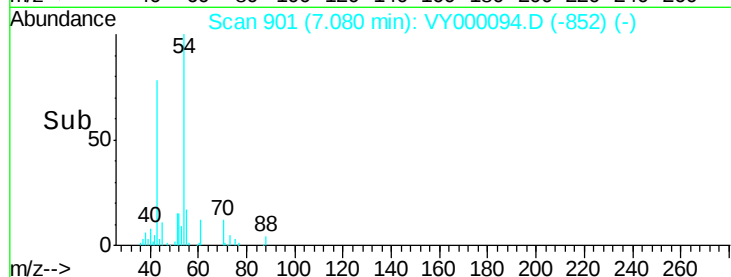
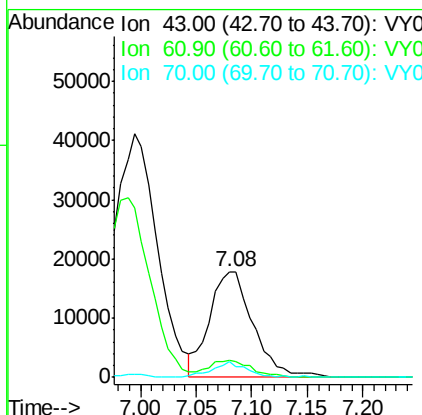
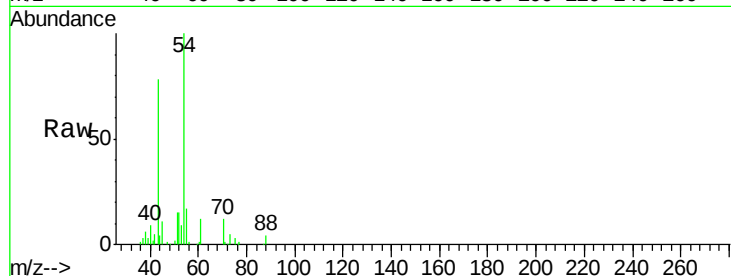
#37
Ethyl Acetate
Concen: 55.503 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	14.1	21.1
70	11.9	10.6	15.8

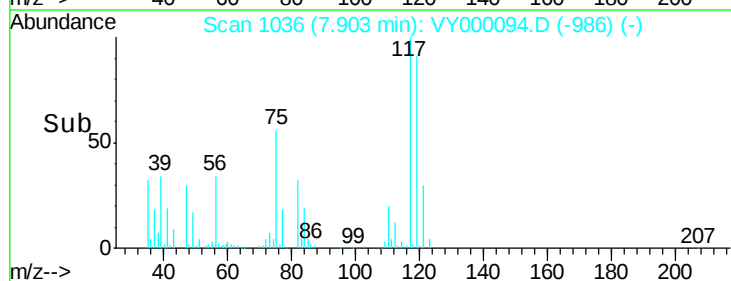
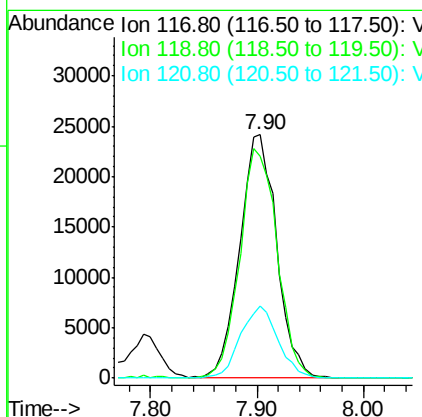
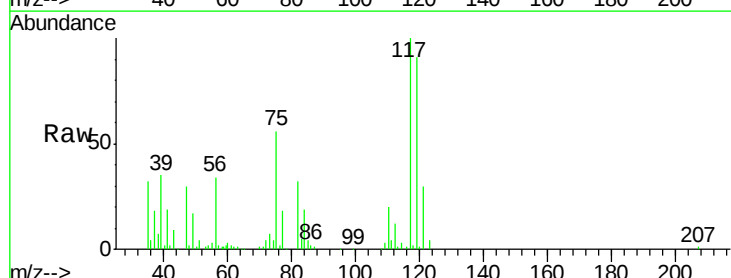
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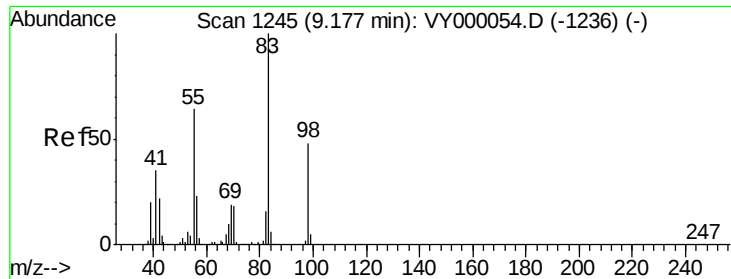
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#38
Carbon Tetrachloride
Concen: 48.118 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	75.0	112.6
121	29.8	22.8	34.2





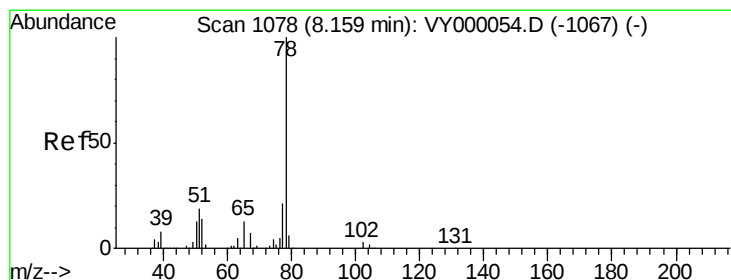
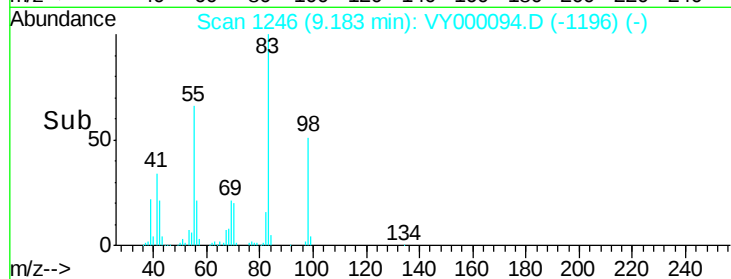
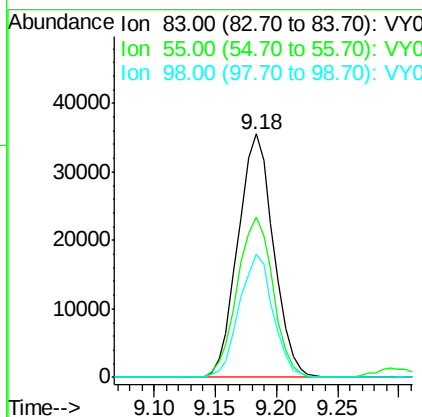
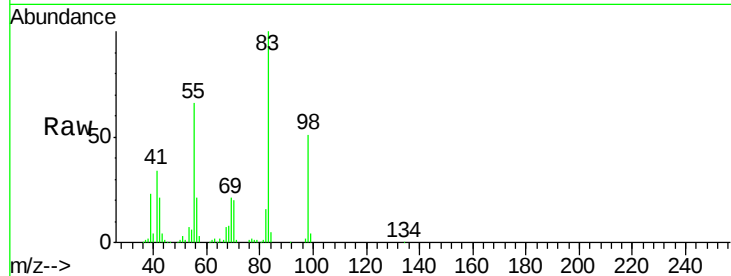
#39
Methvlcvclohexane
Concen: 44.922 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	71780
Ion Ratio	100	Lower	Upper
83	100		
55	65.9	51.0	76.6
98	50.7	38.5	57.7

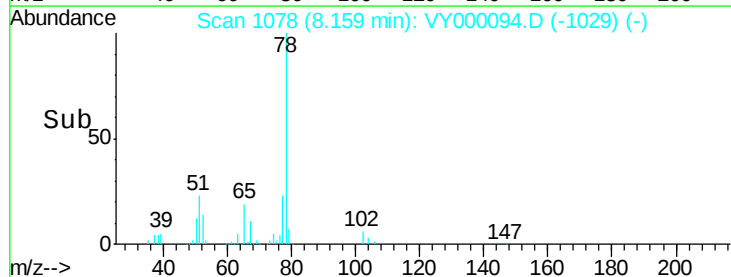
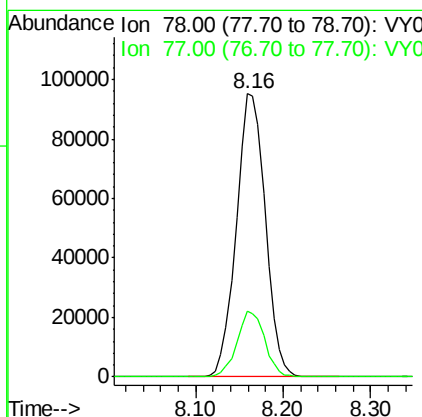
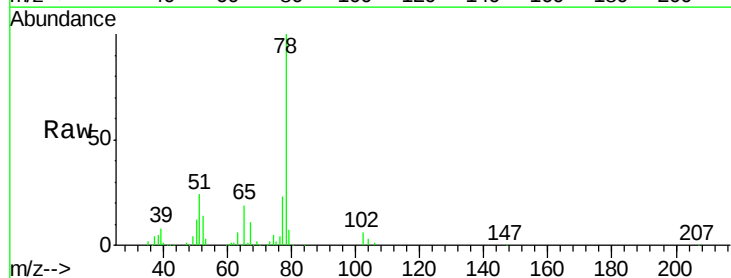
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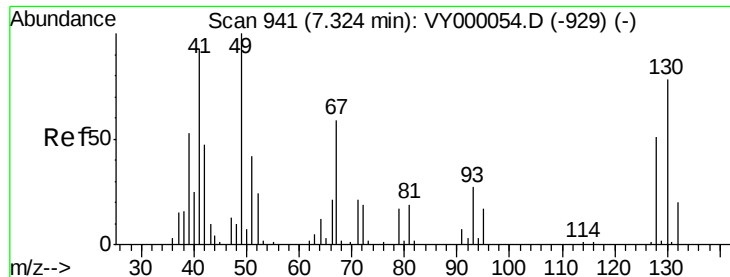
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#40
Benzene
Concen: 51.139 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	78	Resp	219489
Ion Ratio	100	Lower	Upper
78	100		
77	23.4	16.8	25.2





#41

Methacrylonitrile

Concen: 45.268 ug/l m

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tot Ion:	41	Resp:	28004
Ion	Ratio	Lower	Upper
41	100		
39	115.7	91.8	137.6
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :

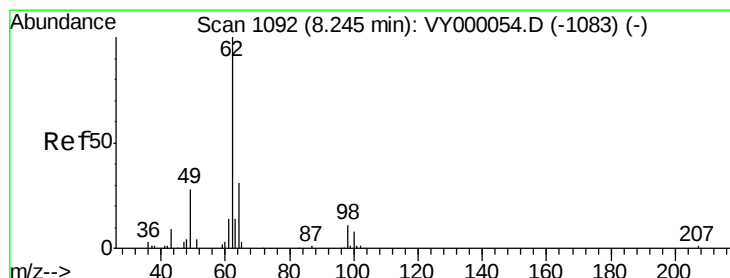
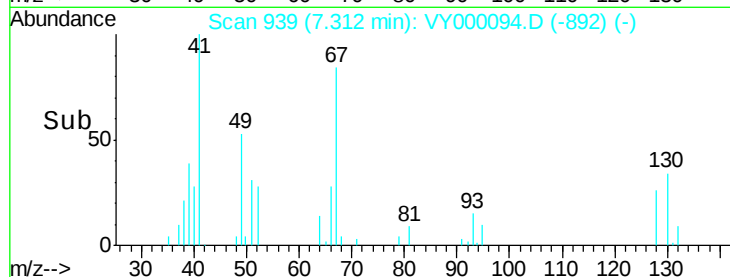
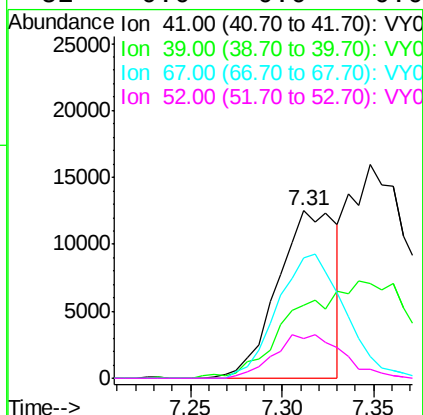
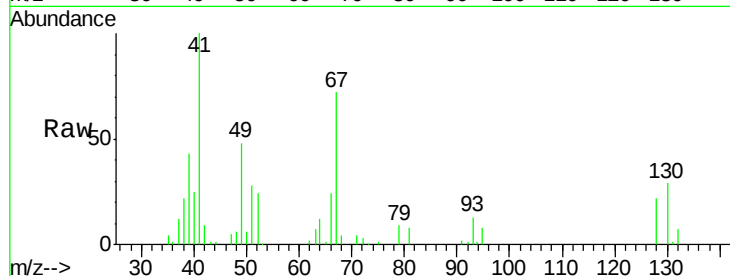
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 56.743 ug/l

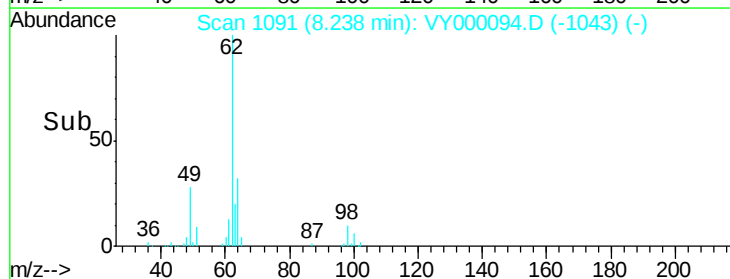
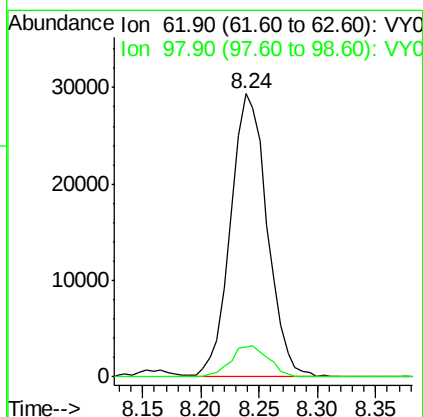
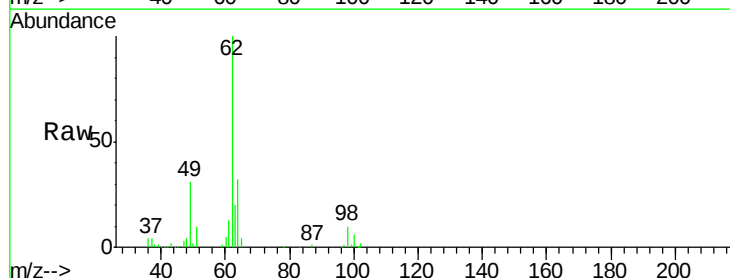
RT: 8.24 min Scan# 1091

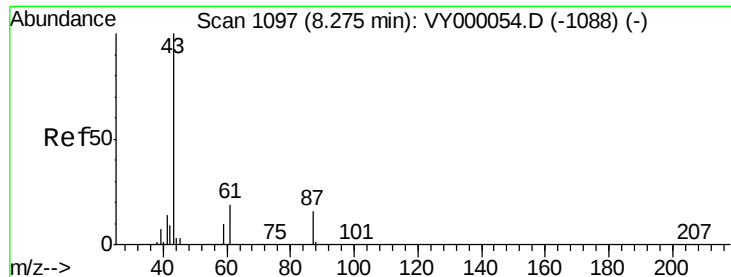
Delta R.T. -0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	62	Resp:	64509
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	23.6





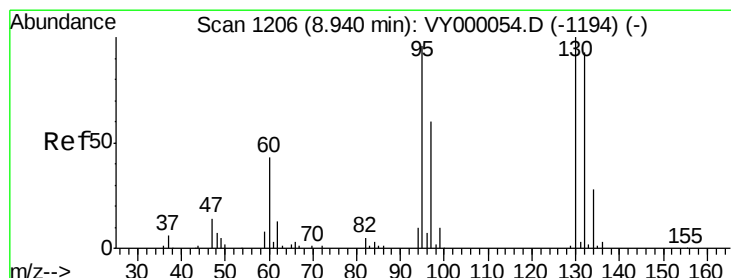
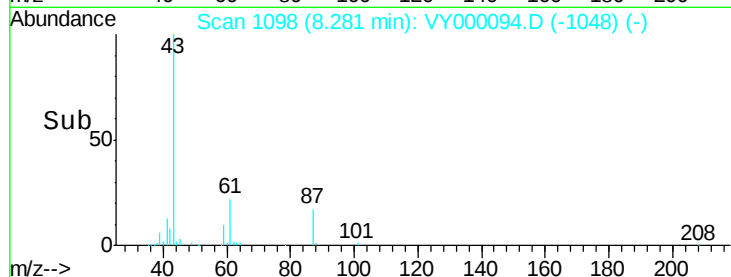
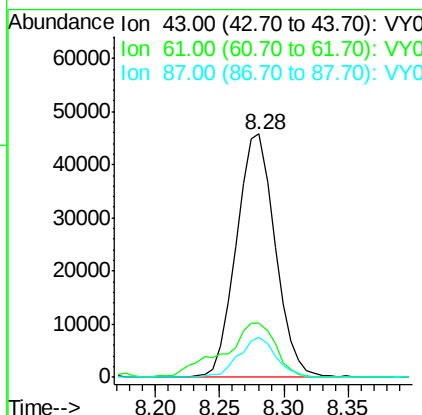
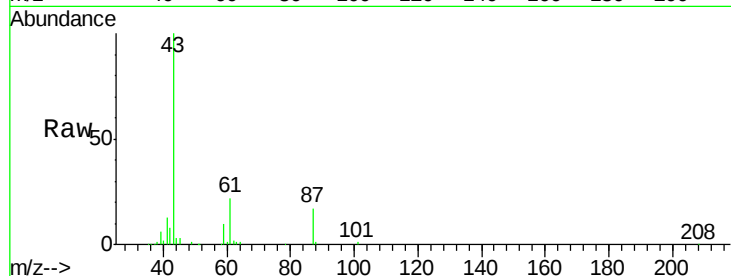
#43
Isopropyl Acetate
Concen: 56.587 ug/l
RT: 8.28 min Scan# 1098
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.1	25.0	37.6
87	15.8	12.4	18.6

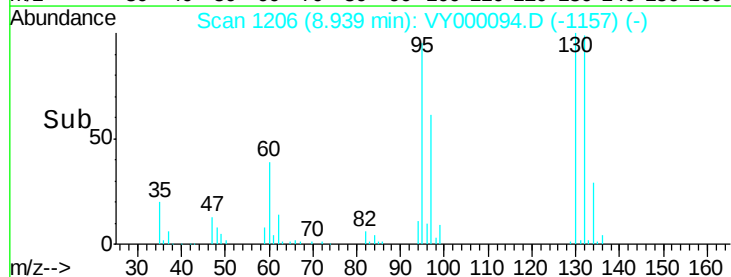
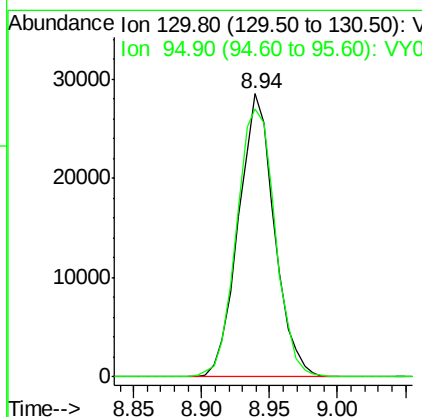
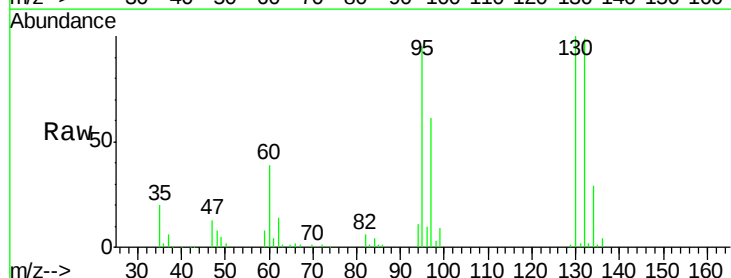
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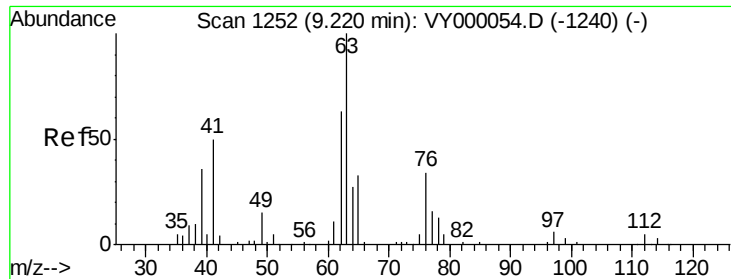
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#44
Trichloroethene
Concen: 47.866 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	192.0





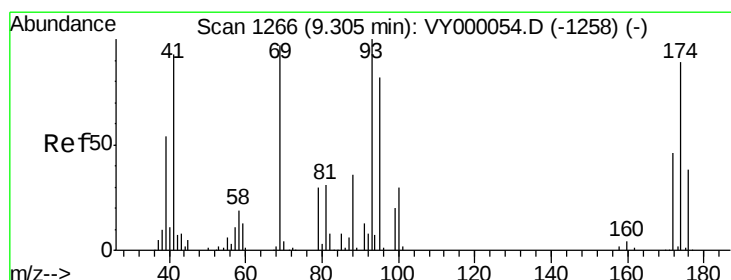
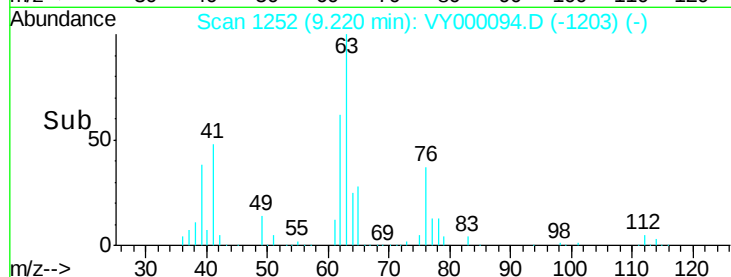
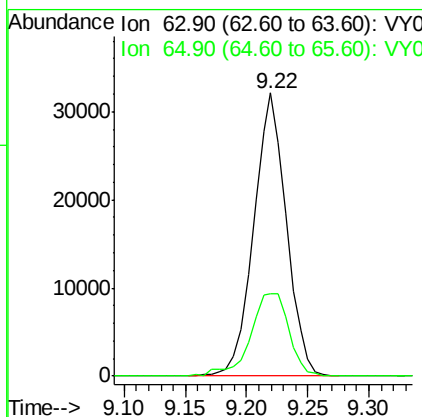
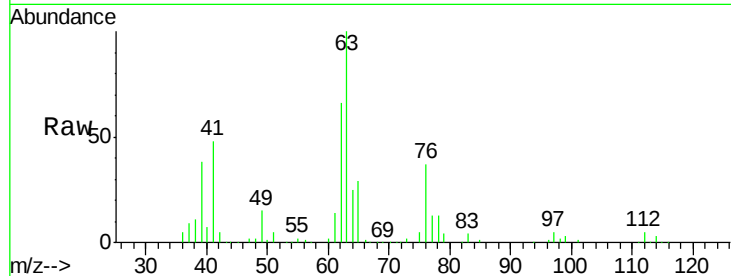
#45
 1,2-Dichloropropane
 Concen: 53.738 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 59747
 Ion Ratio Lower Upper
 63 100
 65 29.3 26.2 39.4

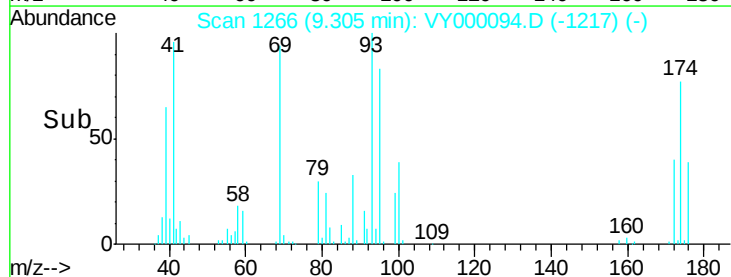
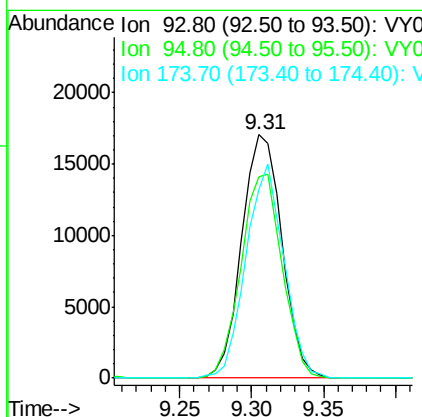
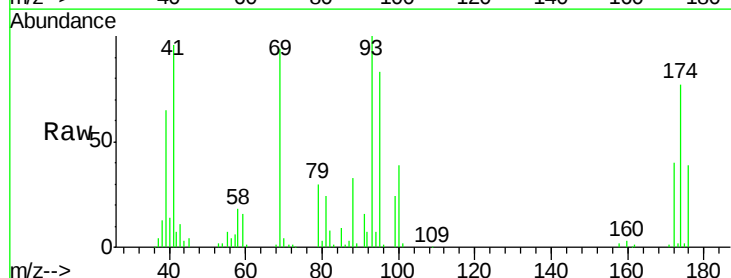
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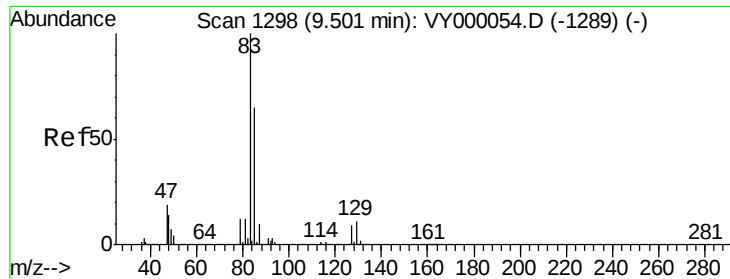
MMDadoda
 9/24/2019 5:30:36 AM



#46
 Dibromomethane
 Concen: 54.458 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Tgt Ion: 93 Resp: 33072
 Ion Ratio Lower Upper
 93 100
 95 85.5 68.1 102.1
 174 82.3 67.8 101.6





#47

Bromodichloromethane

Concen: 54.888 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. -0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

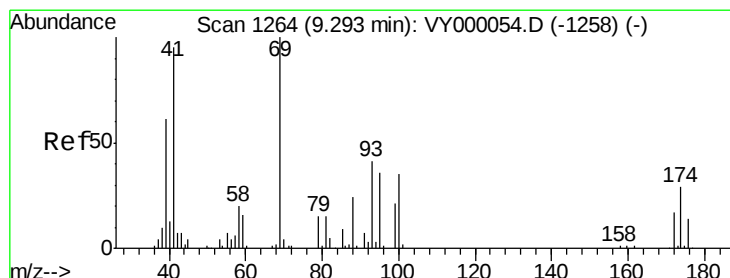
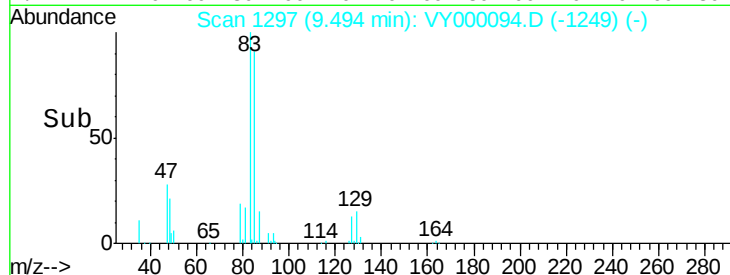
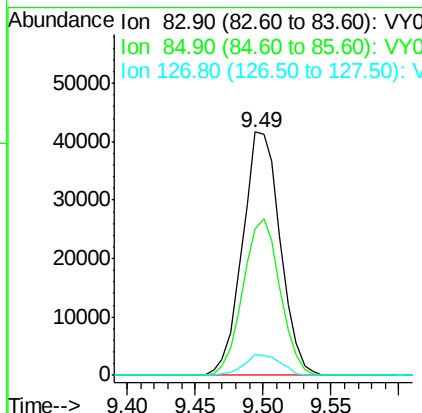
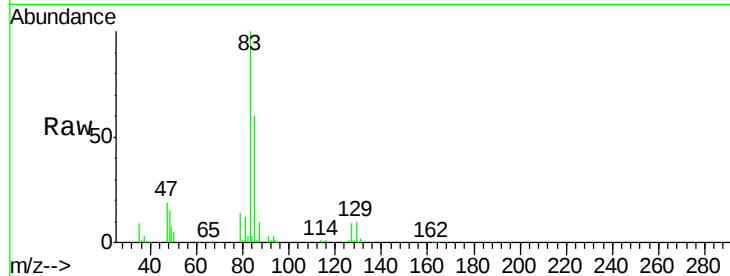
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	80886
Ion	Ratio	Lower	Upper
83	100		
85	60.2	52.3	78.5
127	8.5	6.8	10.2

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#48

Methyl methacrylate

Concen: 55.646 ug/l

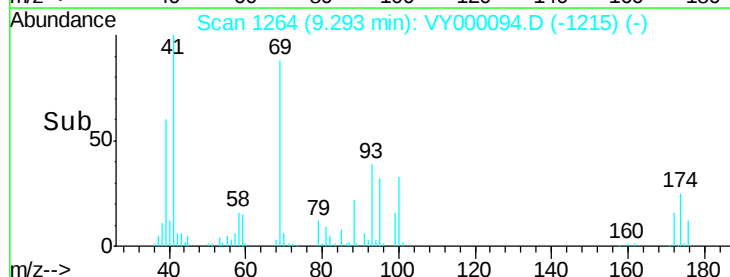
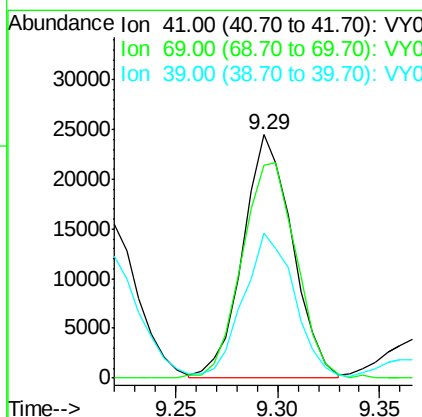
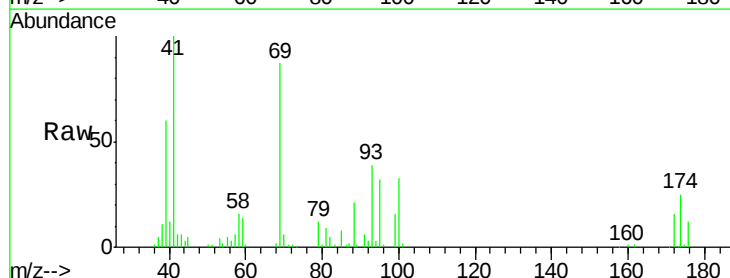
RT: 9.29 min Scan# 1264

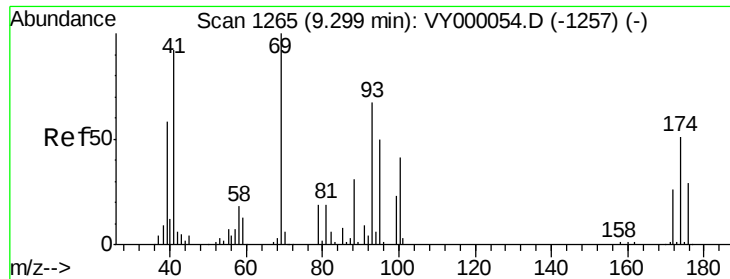
Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	41	Resp:	41457
Ion	Ratio	Lower	Upper
41	100		
69	96.9	78.1	117.1
39	61.7	49.4	74.0





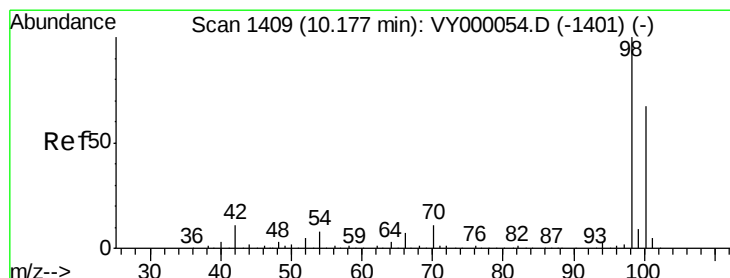
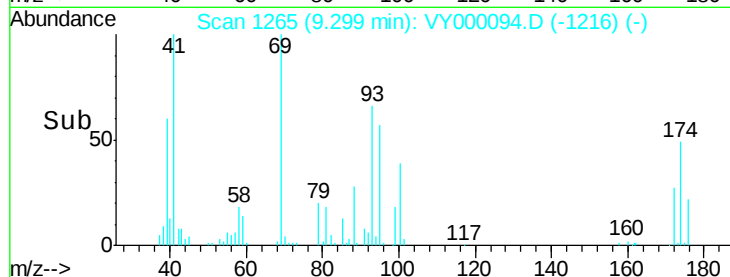
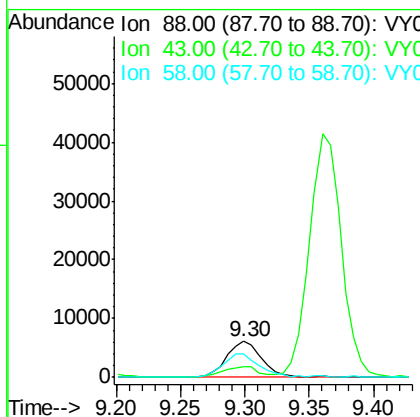
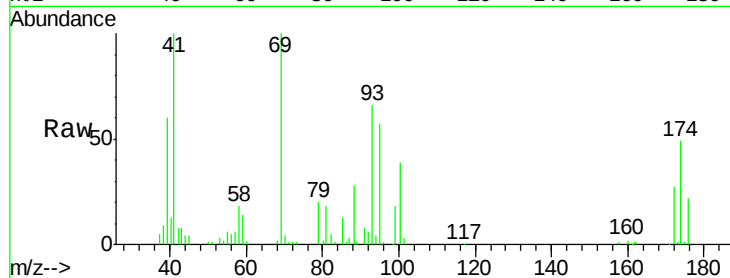
#49
1,4-Dioxane
Concen: 1002.303 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	11818
Ion Ratio	Lower	Upper	
88	100		
43	31.5	18.7	28.1#
58	68.6	53.0	79.6

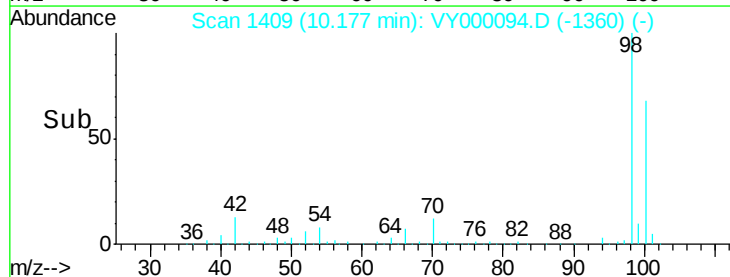
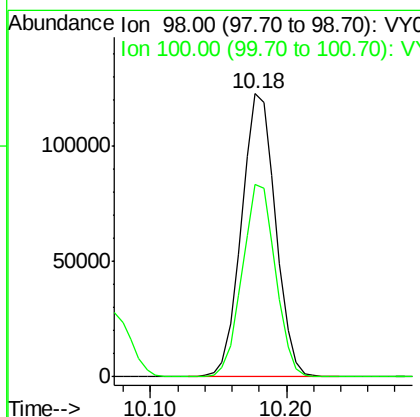
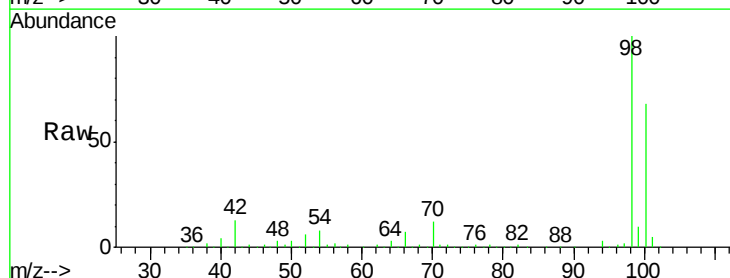
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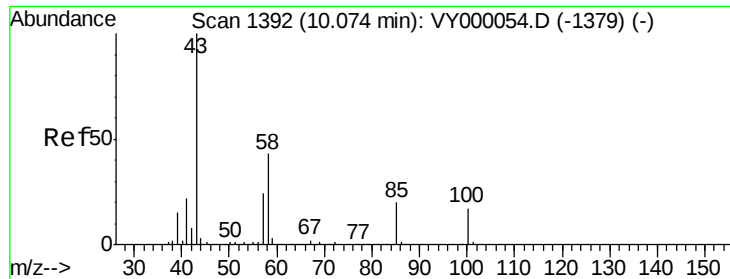
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#50
Toluene-d8
Concen: 51.851 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	98	Resp	214297
Ion Ratio	Lower	Upper	
98	100		
100	66.6	53.1	79.7





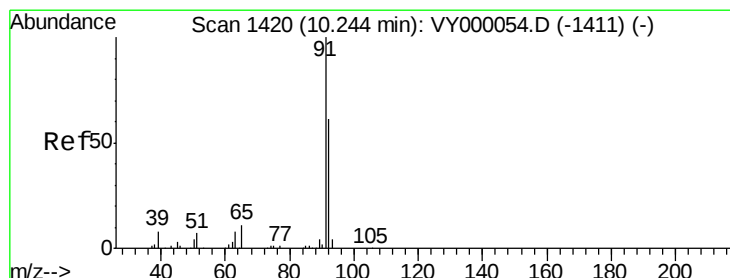
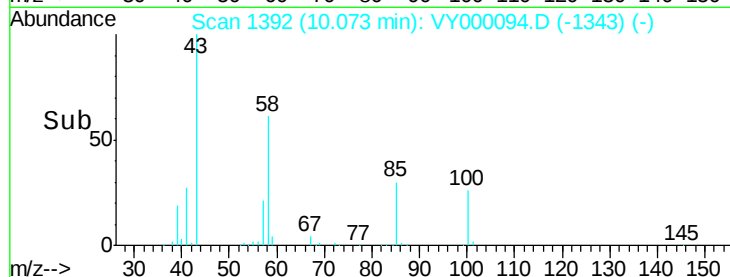
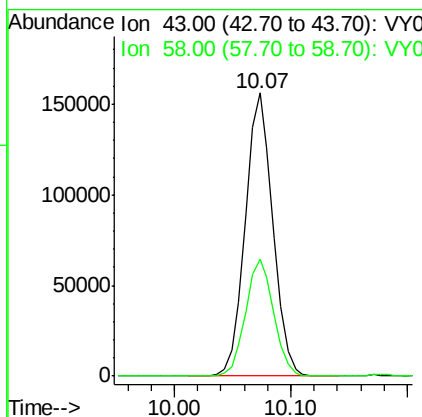
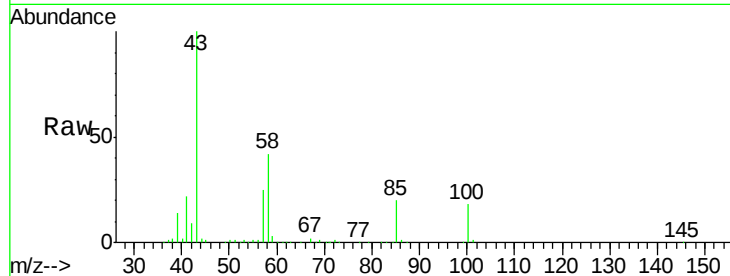
#51
4-Methyl-2-Pentanone
Concen: 277.876 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 257012
Ion Ratio Lower Upper
43 100
58 41.8 34.2 51.2

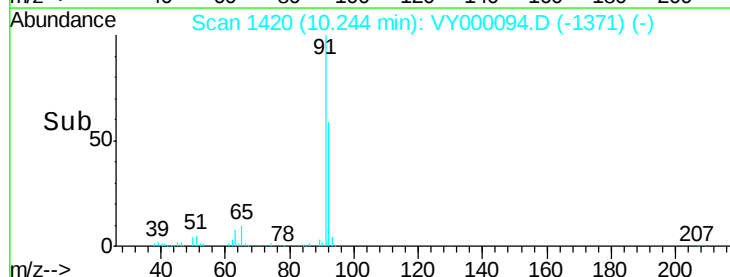
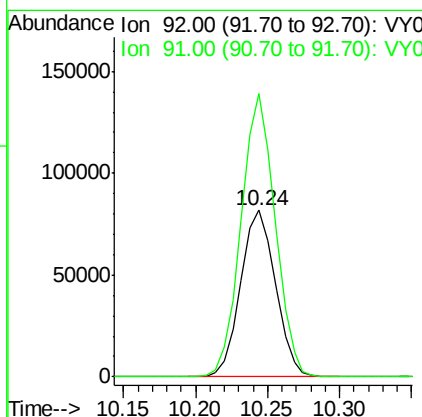
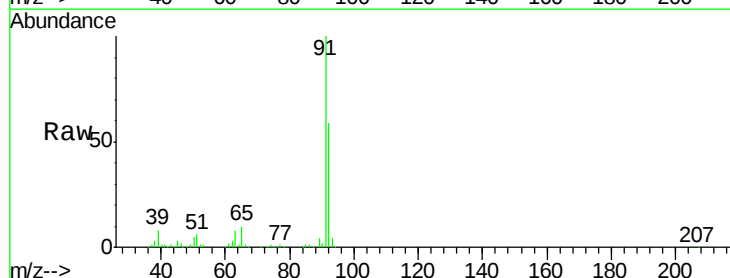
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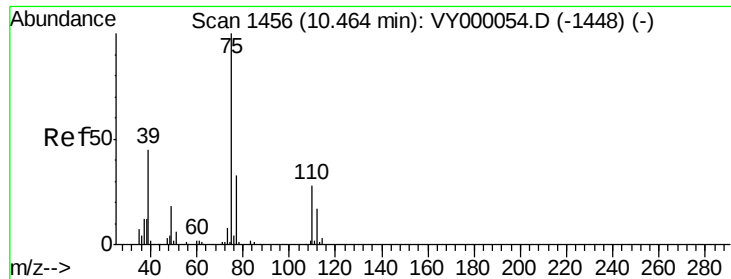
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#52
Toluene
Concen: 50.352 ug/l
RT: 10.24 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 92 Resp: 137303
Ion Ratio Lower Upper
92 100
91 165.7 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 54.643 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 85380

Ion Ratio Lower Upper

75 100

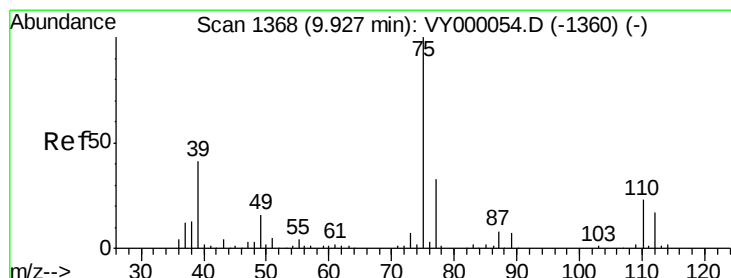
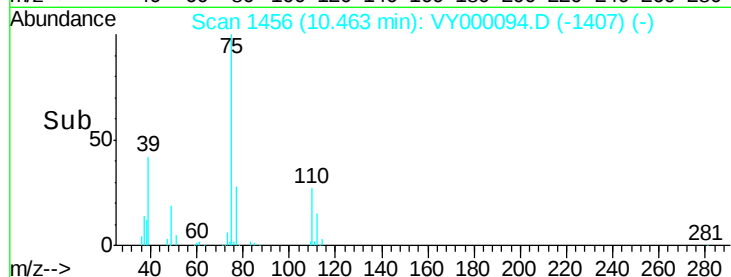
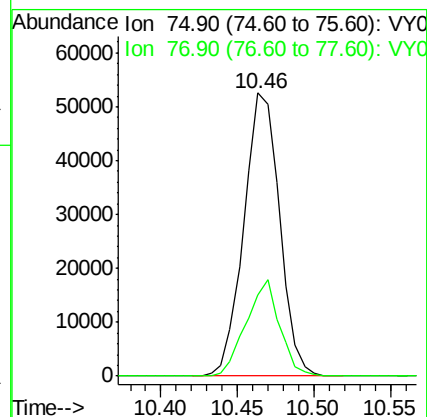
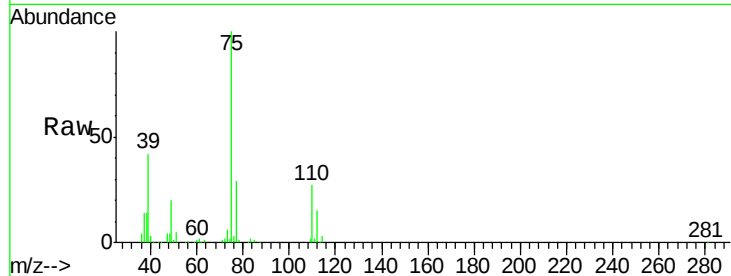
77 28.5 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 53.326 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

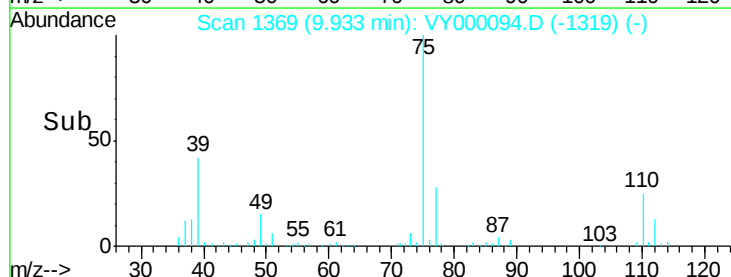
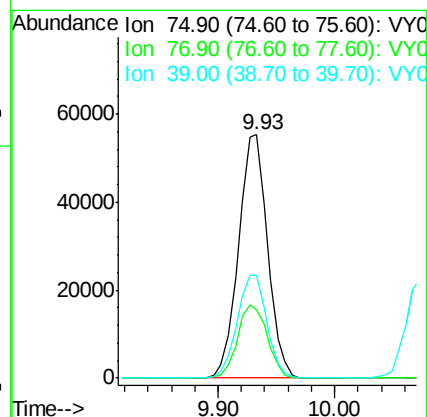
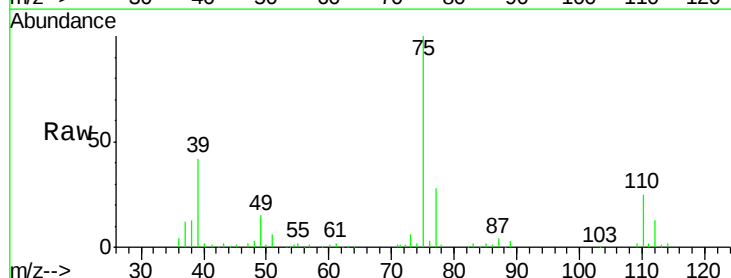
Tgt Ion: 75 Resp: 96219

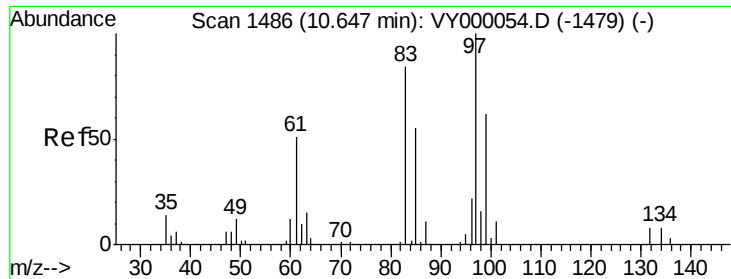
Ion Ratio Lower Upper

75 100

77 28.2 26.1 39.1

39 42.1 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 56.468 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 53763

Ion Ratio Lower Upper

97 100

83 84.7 67.3 100.9

85 55.2 43.6 65.4

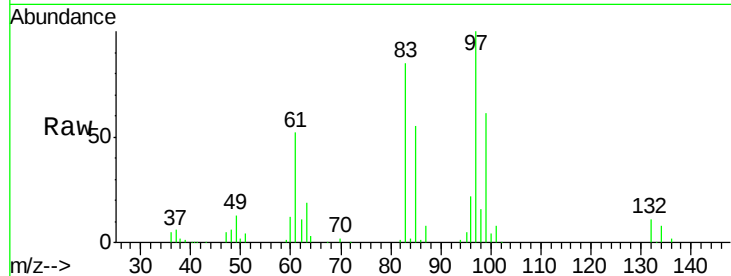
99 61.4 49.8 74.6

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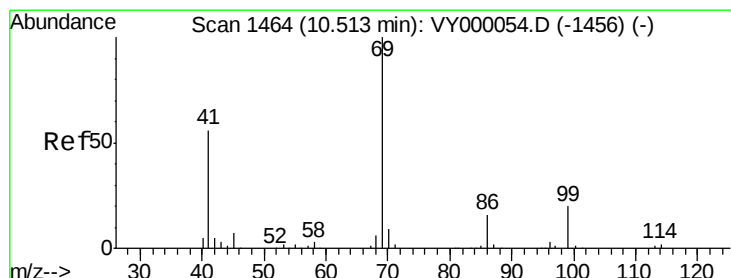
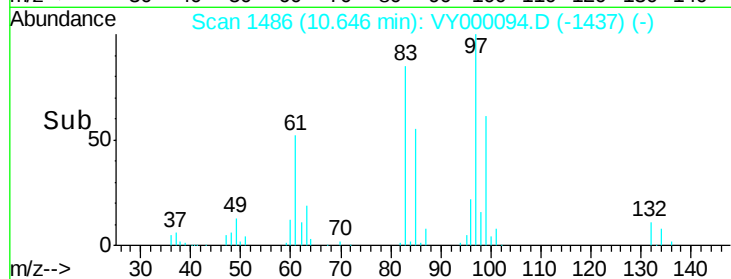
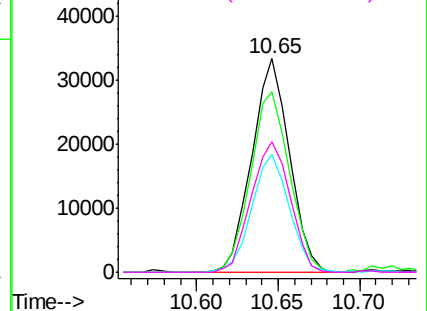
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 55.939 ug/l

RT: 10.51 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

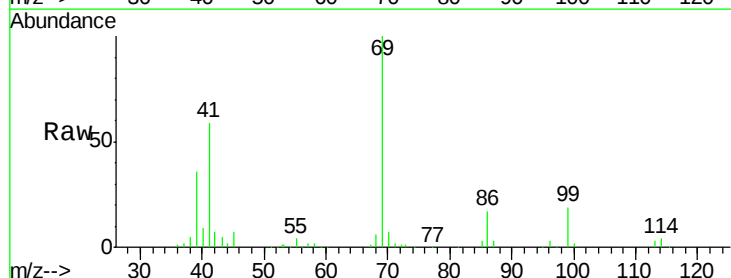
Tgt Ion: 69 Resp: 75787

Ion Ratio Lower Upper

69 100

41 57.2 45.6 68.4

39 34.8 27.3 40.9

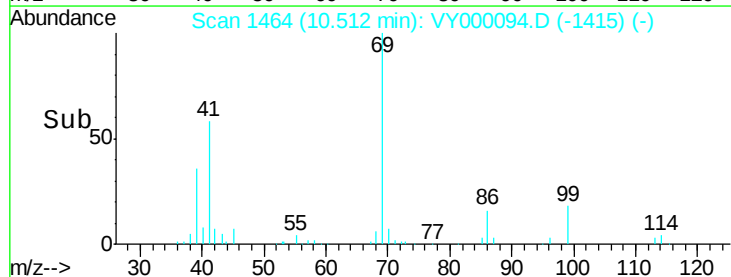
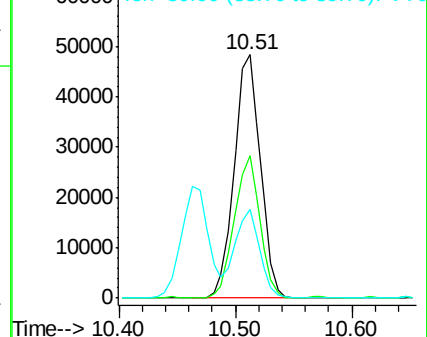


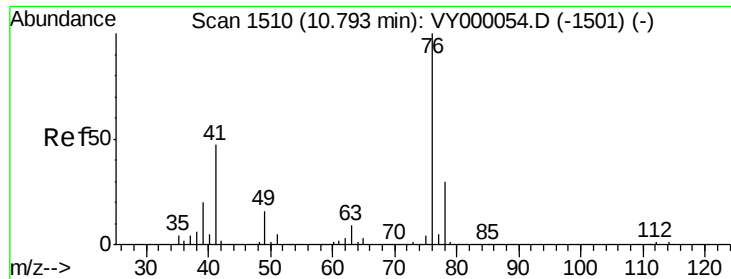
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





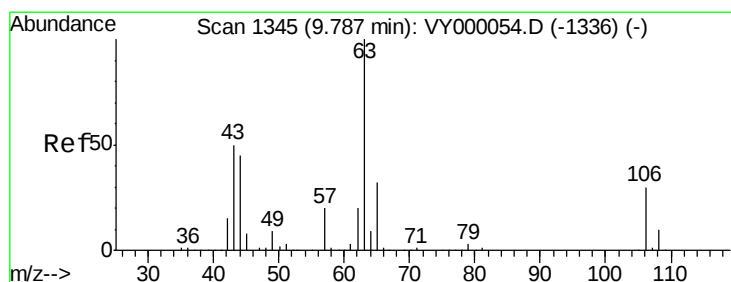
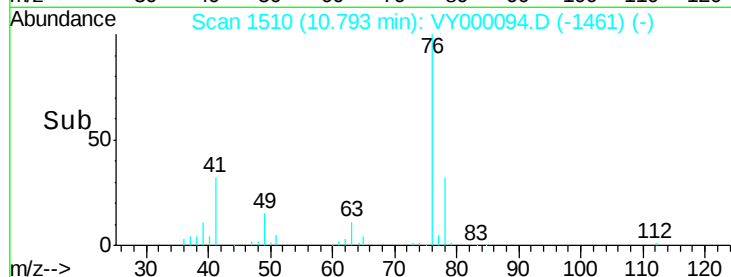
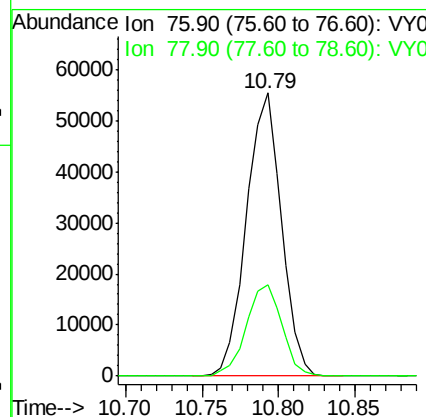
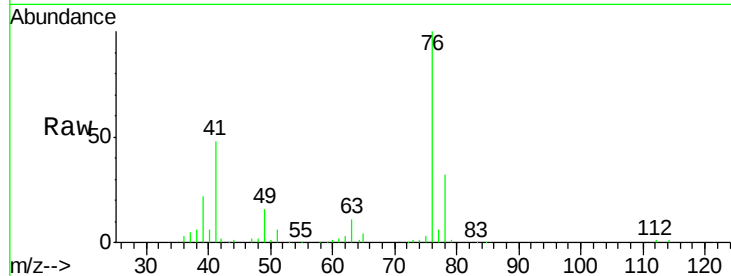
#57
 1,3-Dichloropropane
 Concen: 54.933 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 87856
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.6 40.0

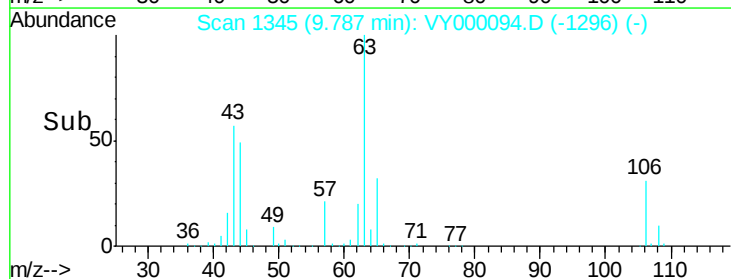
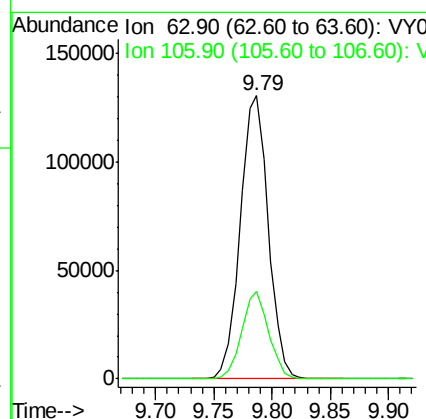
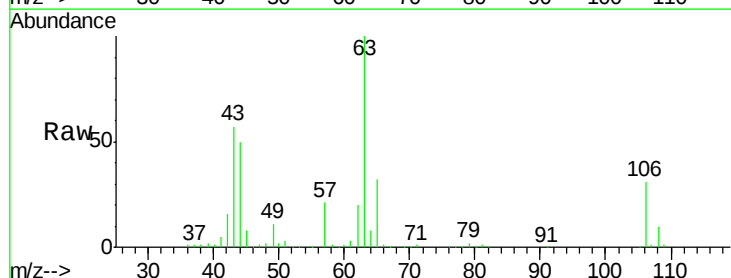
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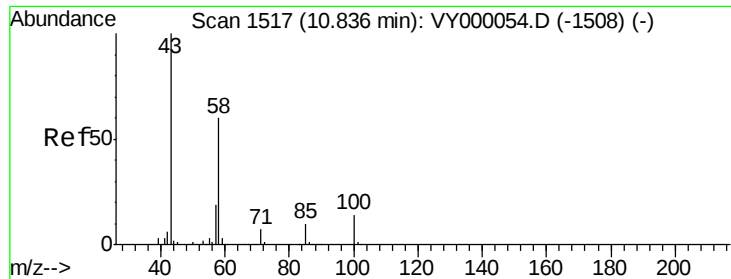
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#58
 2-Chloroethyl Vinyl ether
 Concen: 298.932 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Tgt Ion: 63 Resp: 218929
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.3 34.9





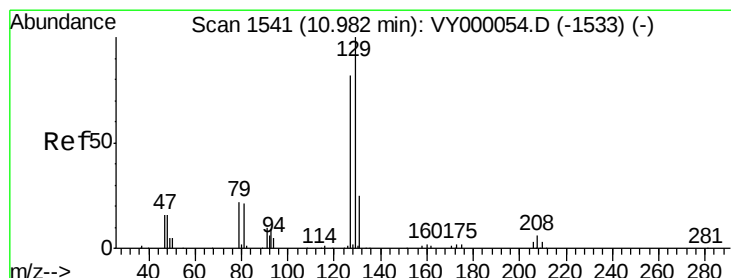
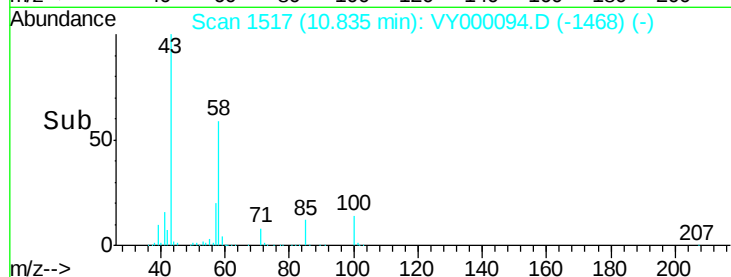
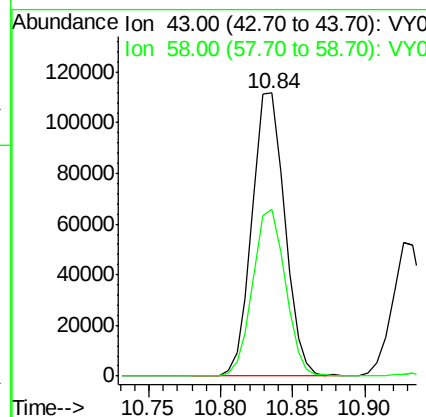
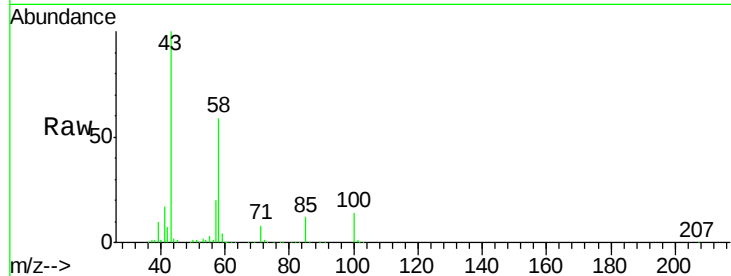
#59
2-Hexanone
Concen: 266.885 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 176103
Ion Ratio Lower Upper
43 100
58 58.8 29.9 89.7

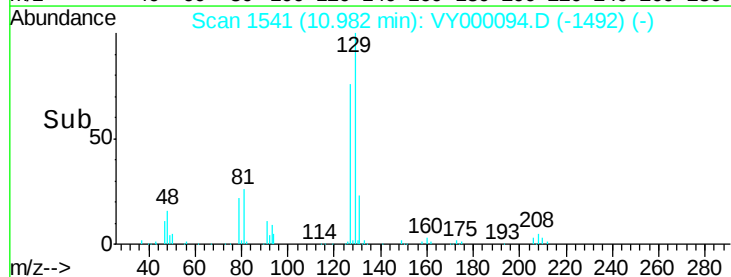
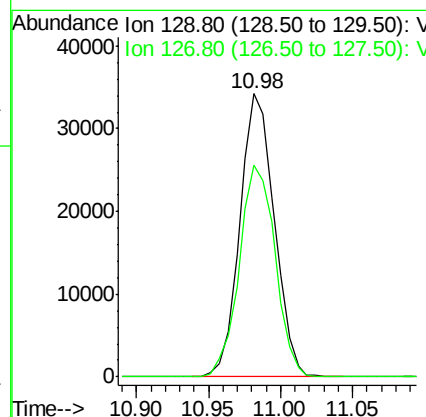
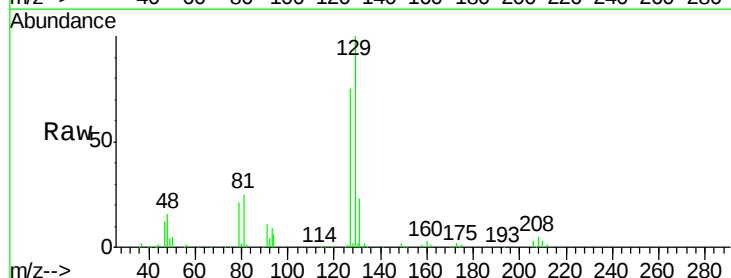
Manual Integrations
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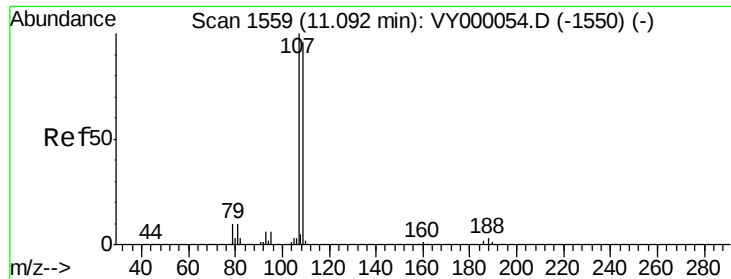
MMDadoda
9/24/2019 5:30:36 AM



#60
Dibromochloromethane
Concen: 57.013 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 129 Resp: 56868
Ion Ratio Lower Upper
129 100
127 77.6 40.2 120.6





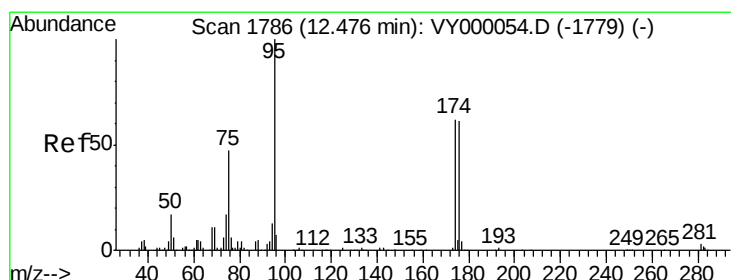
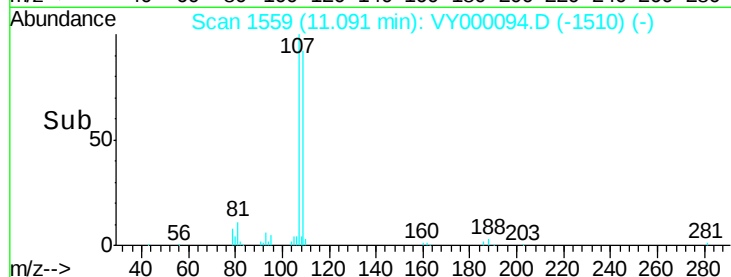
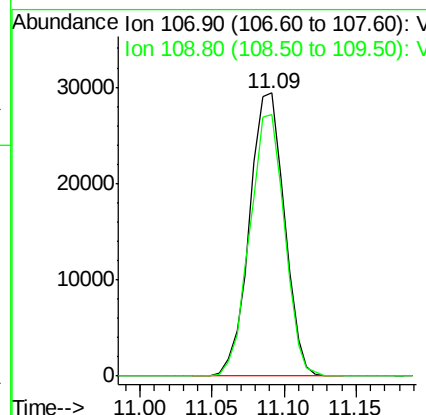
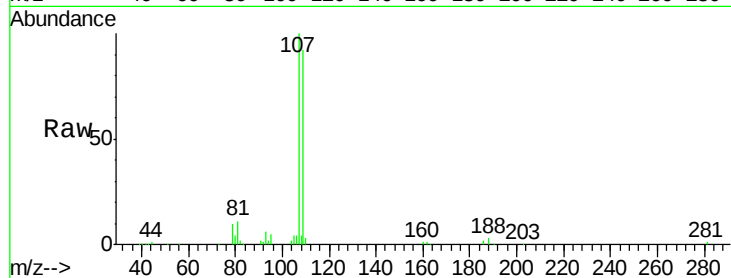
#61
 1,2-Dibromoethane
 Concen: 56.555 ug/l
 RT: 11.09 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 49182
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.0 112.6

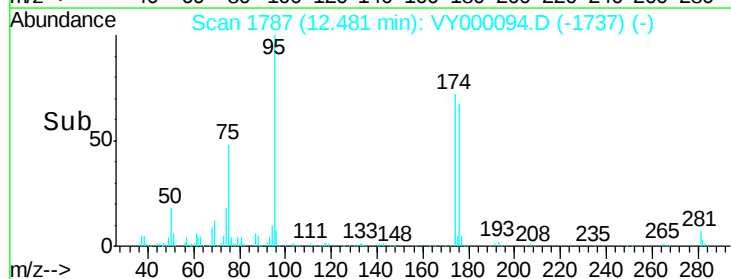
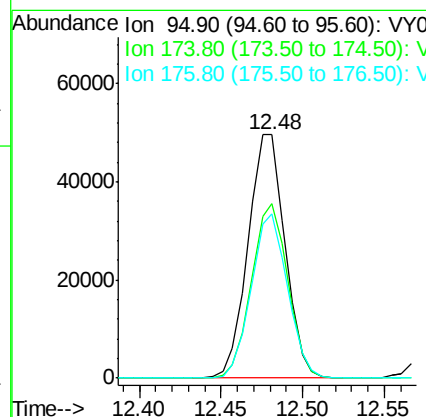
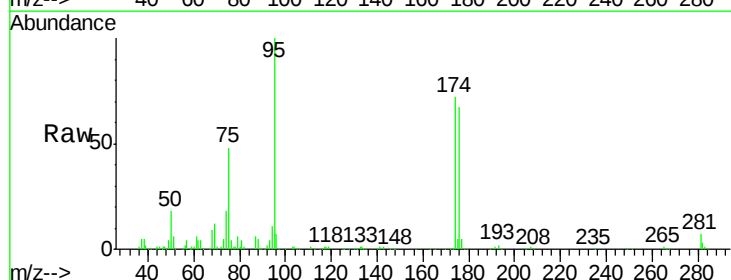
Manual Integrations
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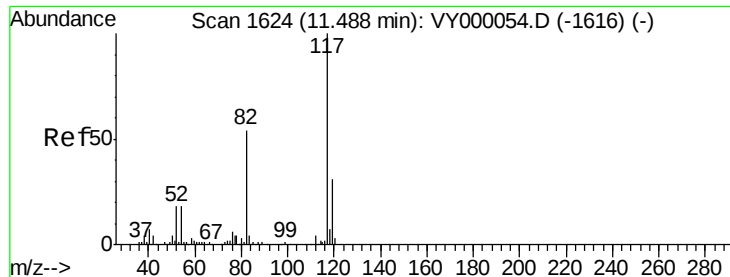
MMDadoda
 9/24/2019 5:30:36 AM



#62
 4-Bromofluorobenzene
 Concen: 51.139 ug/l
 RT: 12.48 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Tgt Ion: 95 Resp: 78470
 Ion Ratio Lower Upper
 95 100
 174 70.6 0.0 137.2
 176 66.1 0.0 135.0





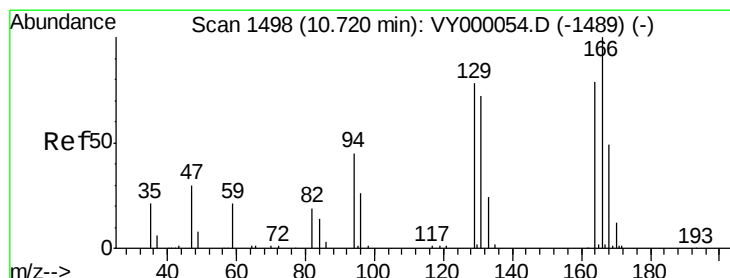
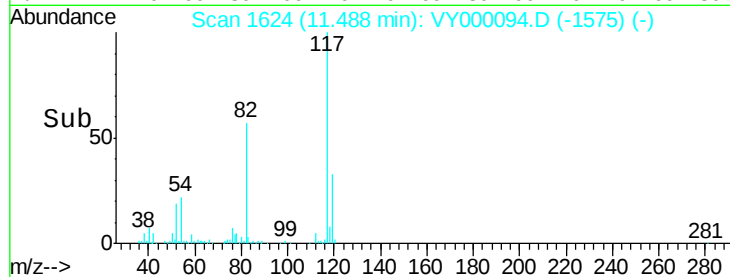
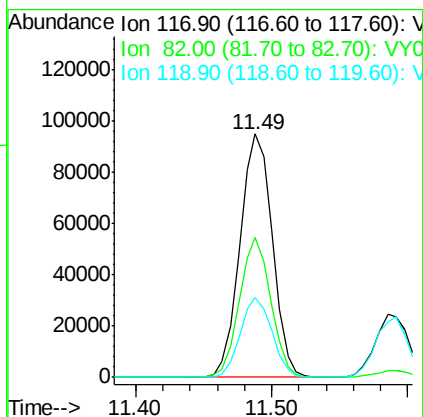
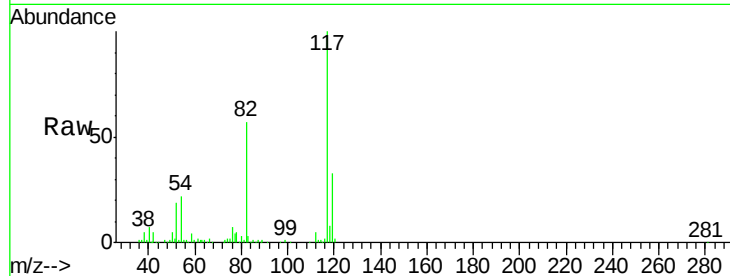
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.5	65.3
119	32.6	24.6	36.8

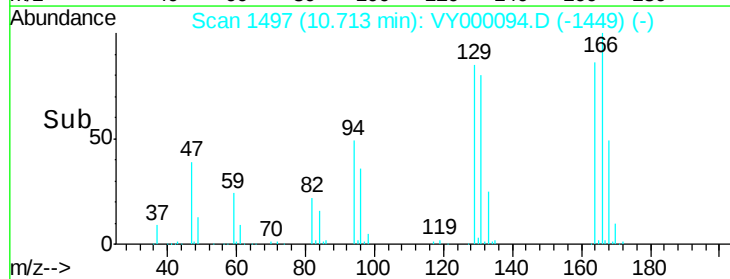
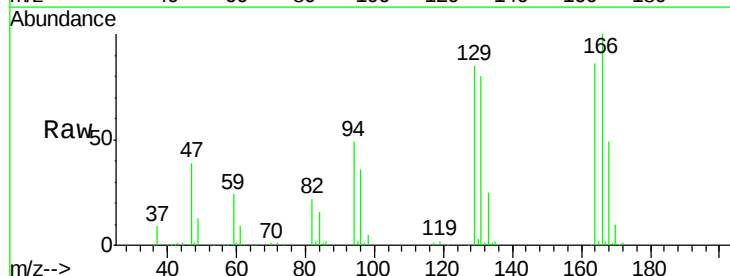
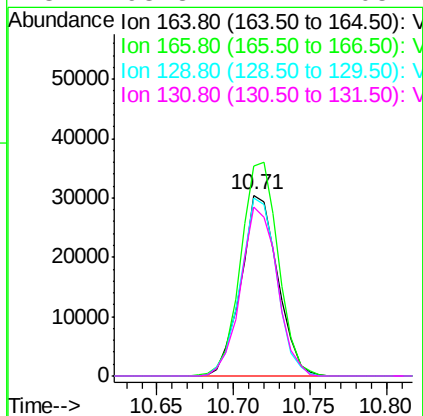
Manual Integrations
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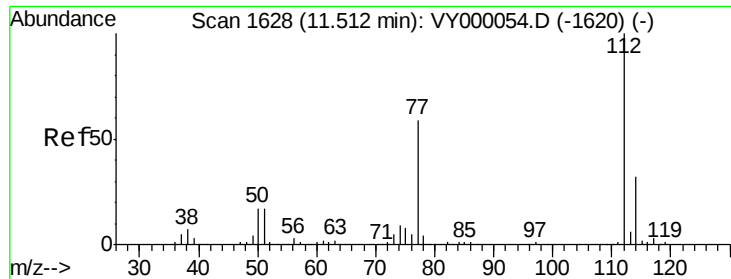
MMDadoda
9/24/2019 5:30:36 AM



#64
Tetrachloroethene
Concen: 51.181 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	116.5	100.9	151.3
129	98.4	78.4	117.6
131	93.3	72.2	108.2





#65

Chlorobenzene

Concen: 49.687 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 155367

Ion Ratio Lower Upper

112 100

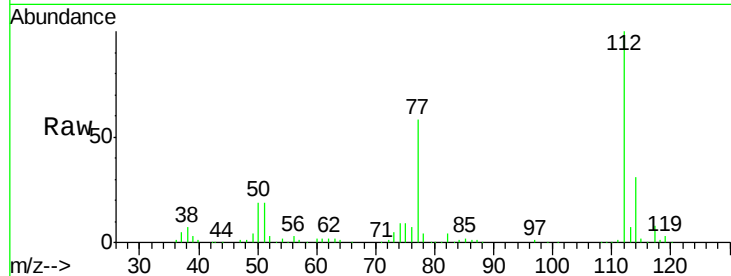
114 30.8 25.6 38.4

Manual Integrations

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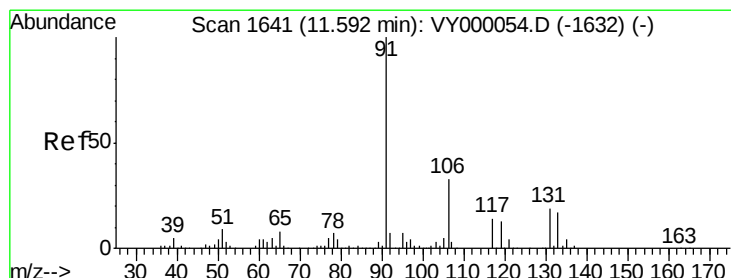
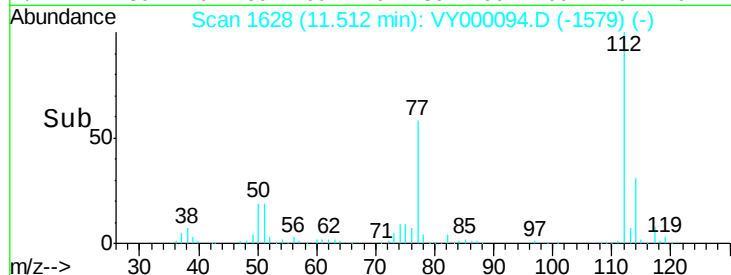
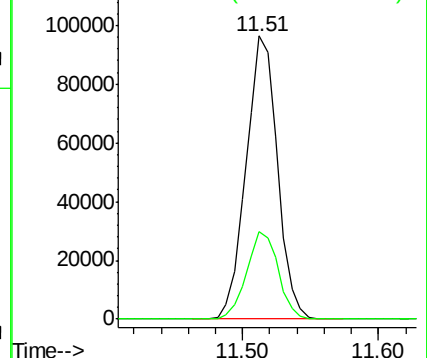
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.549 ug/l

RT: 11.59 min Scan# 1640

Delta R.T. -0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

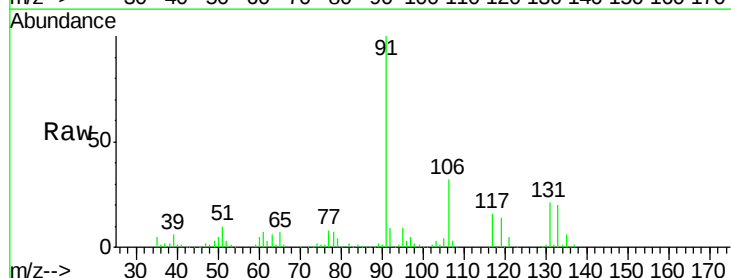
Tgt Ion:131 Resp: 55558

Ion Ratio Lower Upper

131 100

133 94.1 46.6 139.8

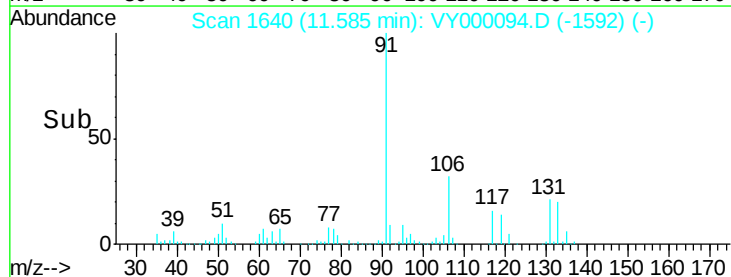
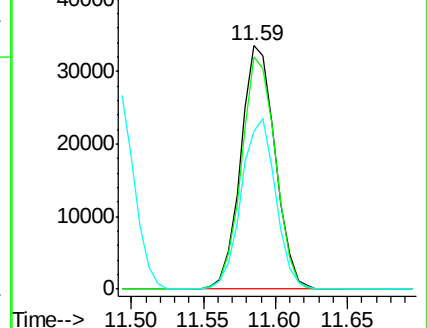
119 69.9 36.2 108.6

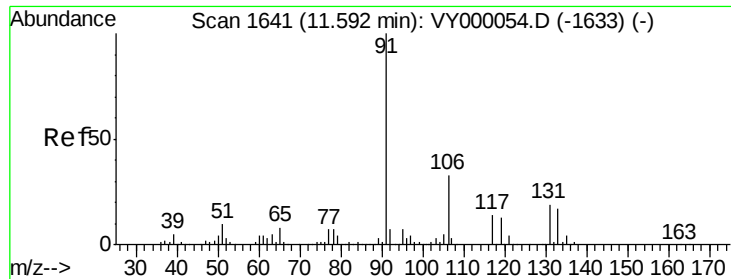


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





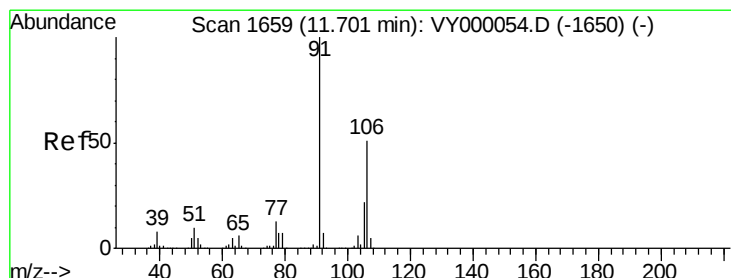
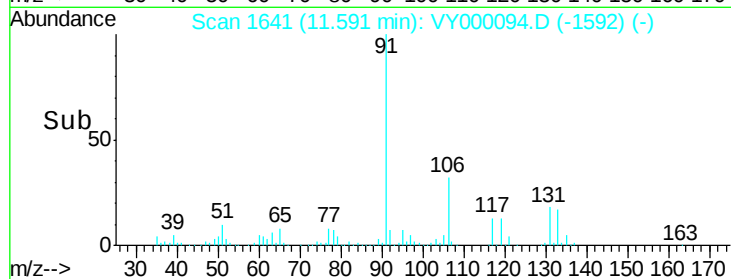
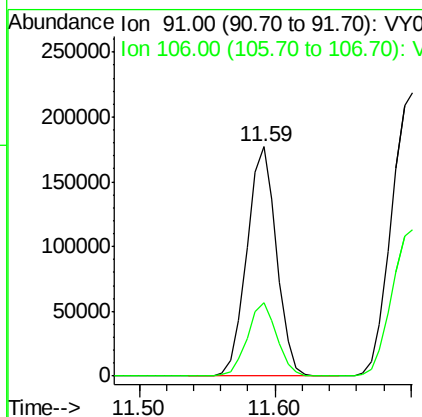
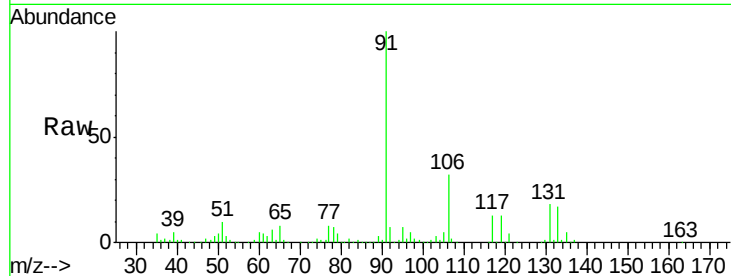
#67
Ethyl Benzene
Concen: 48.389 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 270030
Ion Ratio Lower Upper
91 100
106 31.9 26.6 40.0

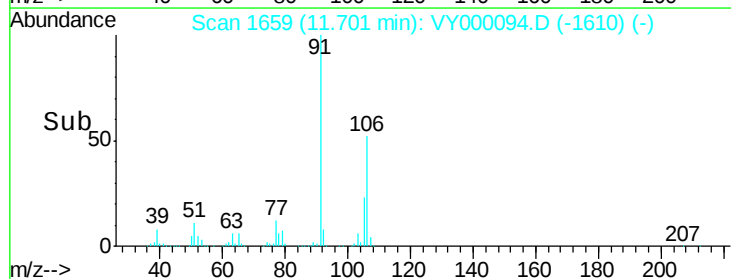
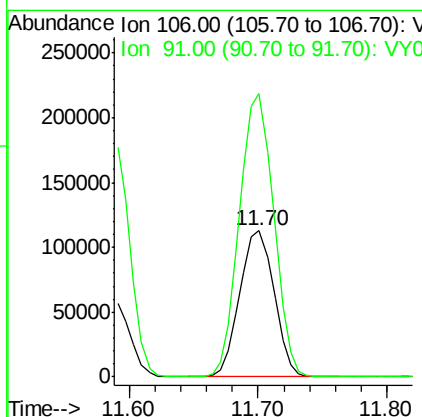
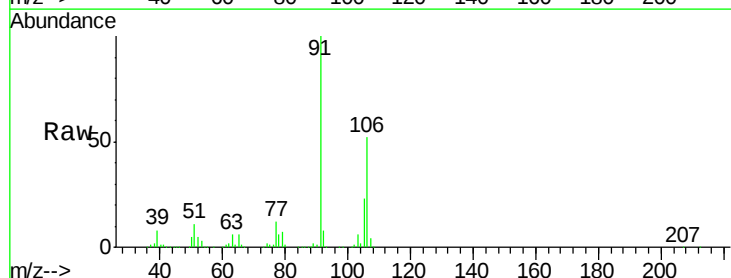
Manual Integrations
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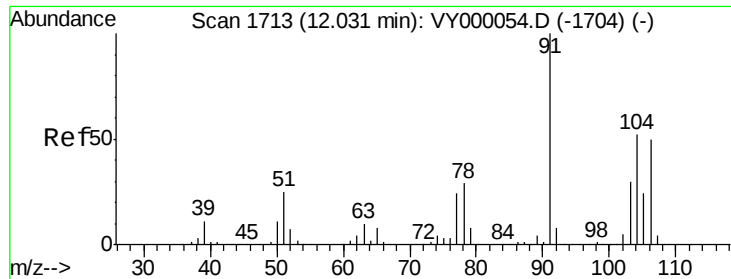
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#68
m/p-Xylenes
Concen: 98.269 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 106 Resp: 208663
Ion Ratio Lower Upper
106 100
91 193.6 154.5 231.7





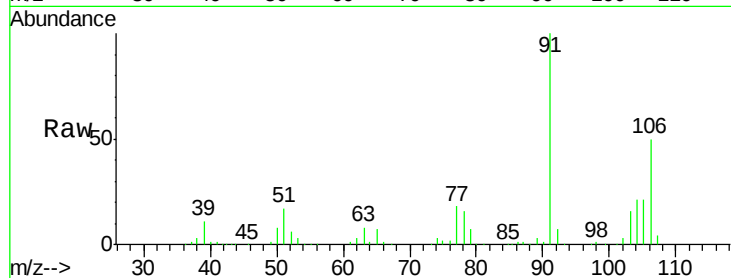
#69
o-Xylene
Concen: 51.045 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

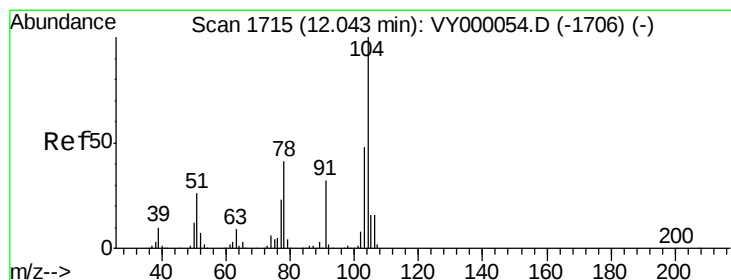
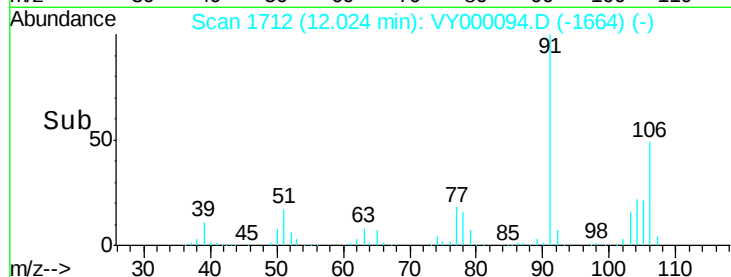
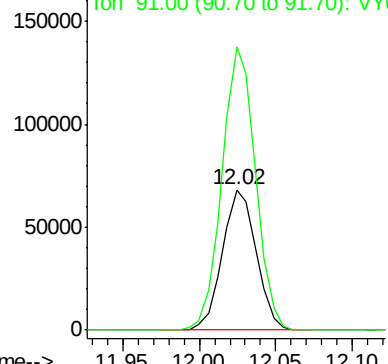
Tot Ion:106 Resp: 104950
Ion Ratio Lower Upper
106 100
91 199.1 103.5 310.3

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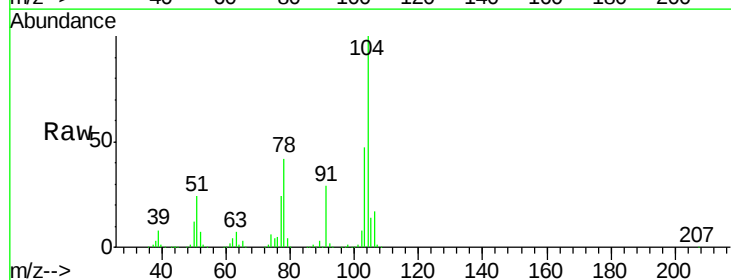


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

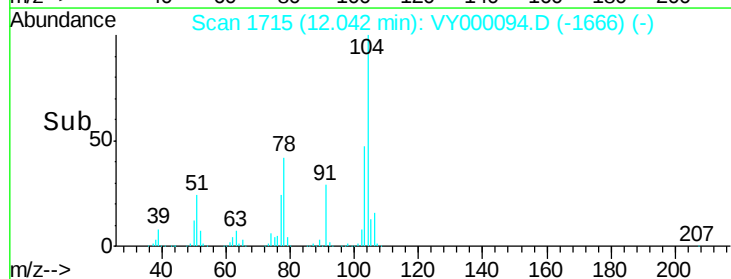
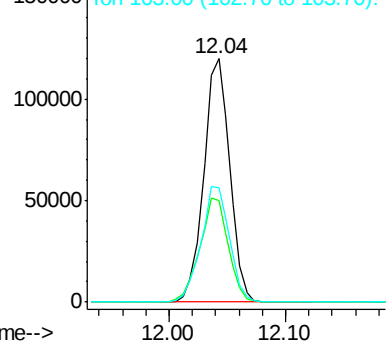


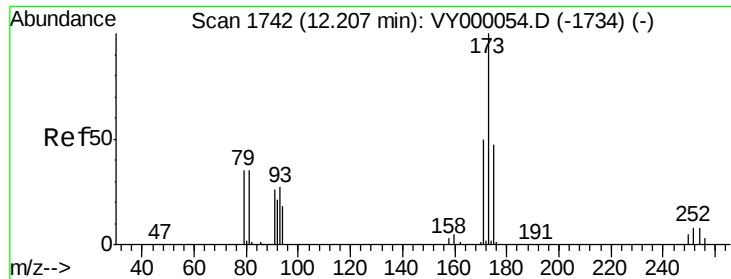
#70
Styrene
Concen: 51.468 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:104 Resp: 185770
Ion Ratio Lower Upper
104 100
78 46.8 37.7 56.5
103 51.9 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





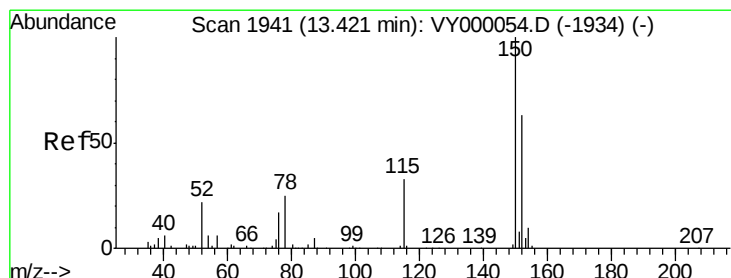
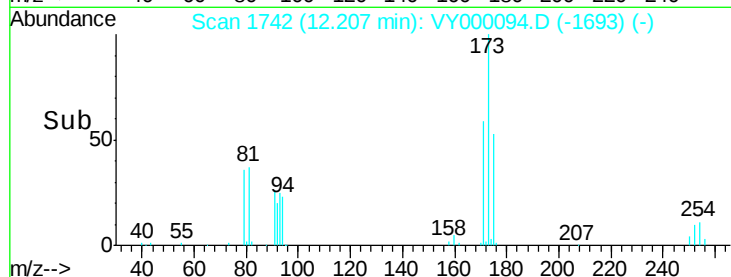
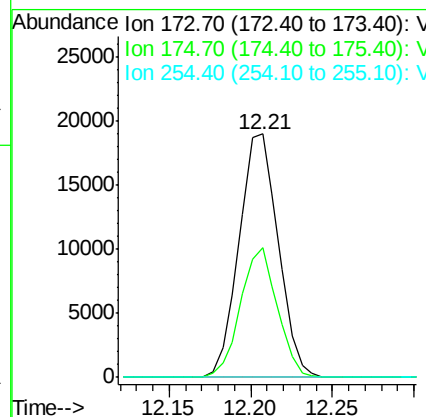
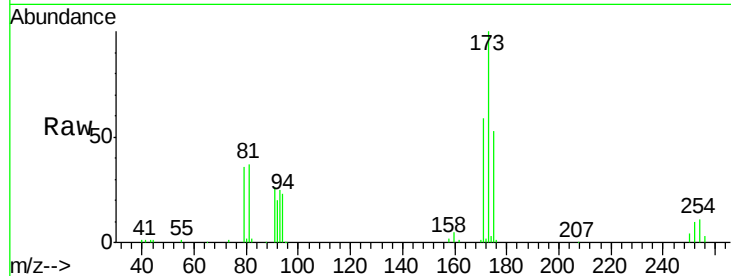
#71
Bromoform
Concen: 51.826 ug/l
RT: 12.21 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	23.6	71.0
254	0.0	0.0	0.0

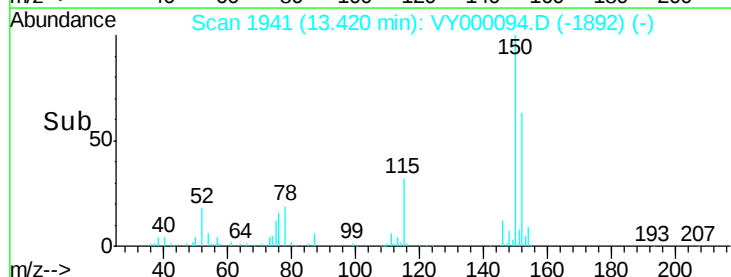
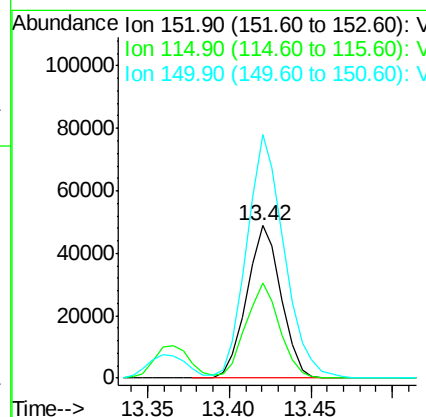
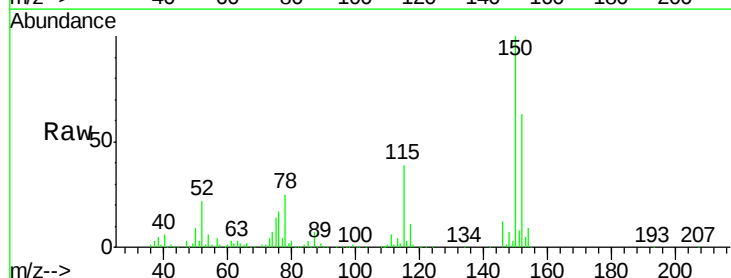
Manual Integrations
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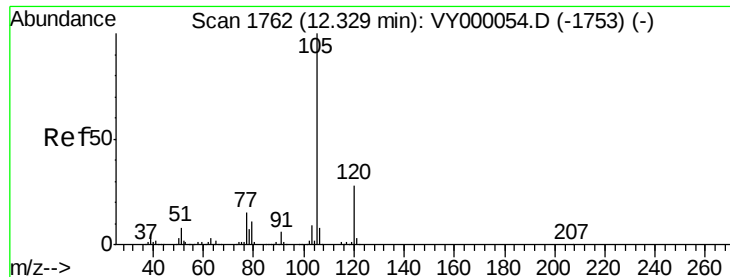
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.7	92.1
150	173.7	0.0	351.6





#73

Isopropylbenzene

Concen: 45.611 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 263533

Ion Ratio Lower Upper

105 100

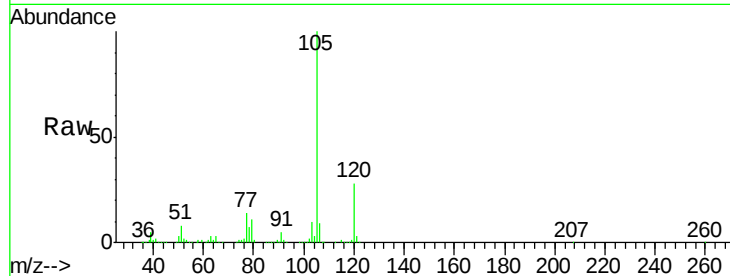
120 27.3 13.9 41.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

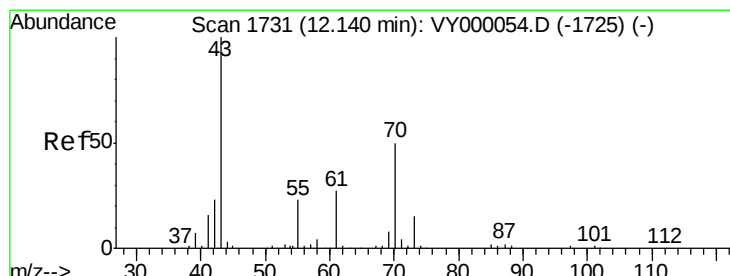
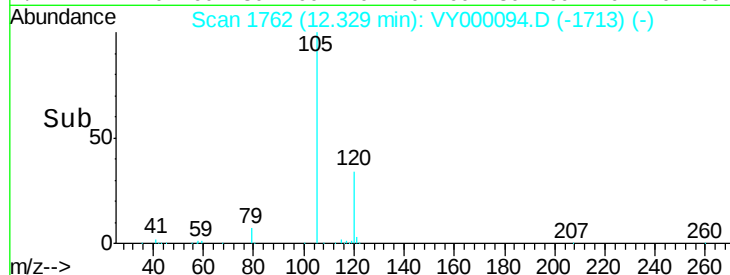
100000

50000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 53.487 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion: 43 Resp: 88040

Ion Ratio Lower Upper

43 100

70 46.2 38.8 58.2

55 22.8 18.8 28.2

61 25.6 21.4 32.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

60000

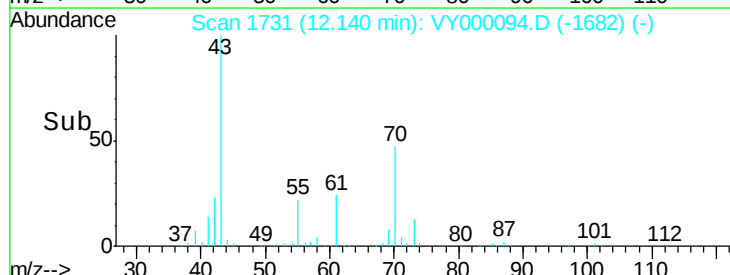
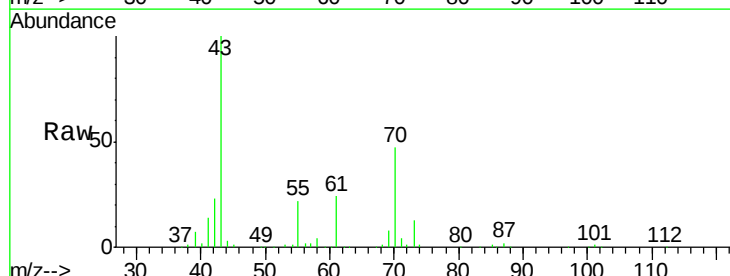
40000

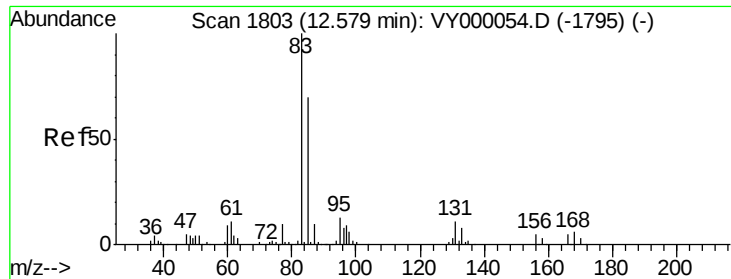
20000

0

12.05 12.10 12.15 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.911 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

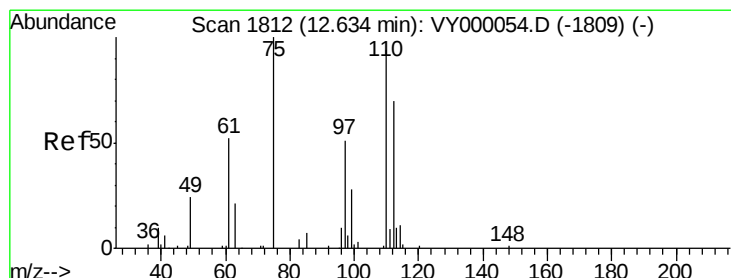
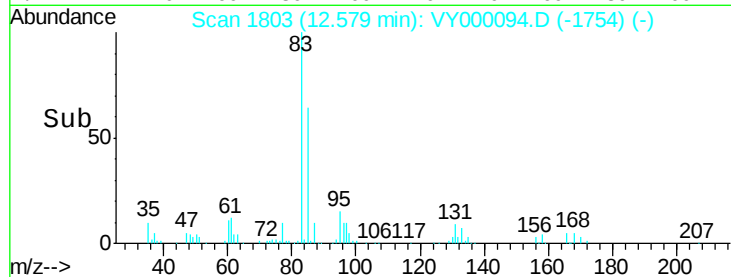
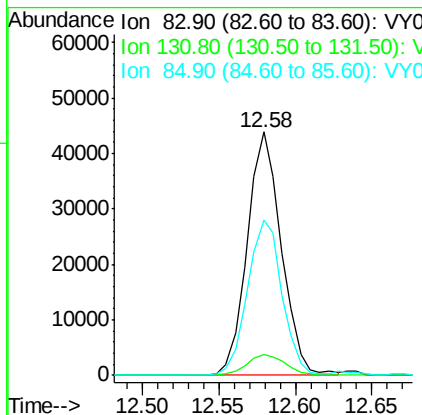
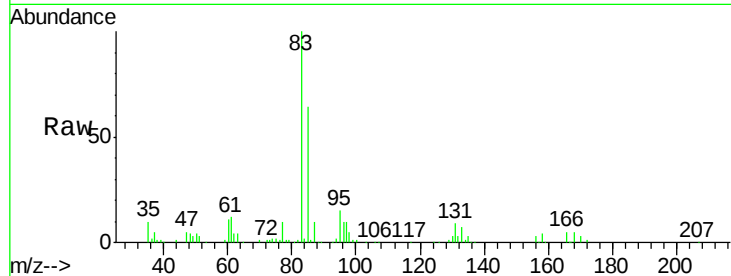
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	67883
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	64.7	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 40.330 ug/l m

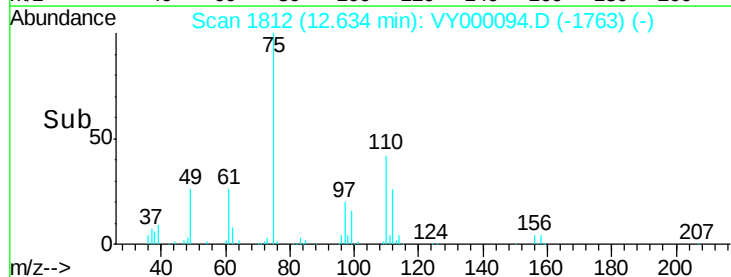
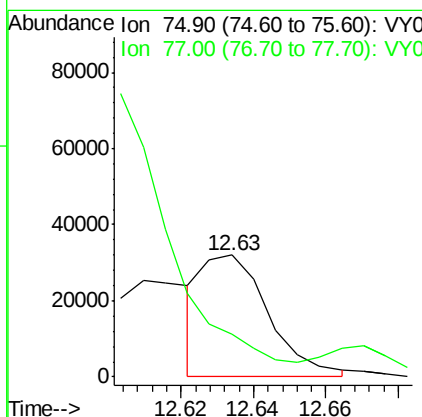
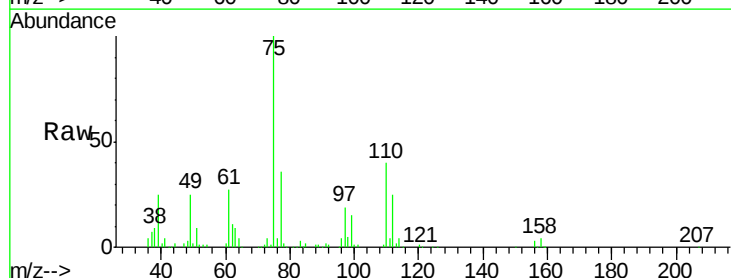
RT: 12.63 min Scan# 1812

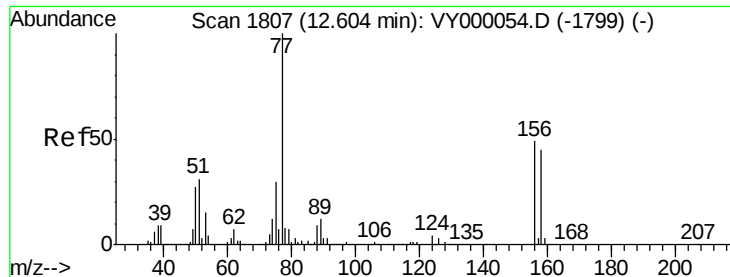
Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	75	Resp:	40682
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.056 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 60391

Ion Ratio Lower Upper

156 100

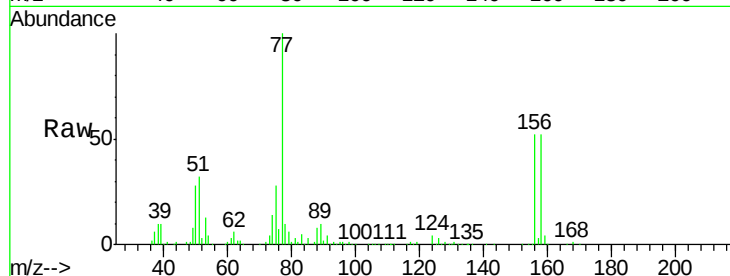
77 213.4 109.7 329.0

158 97.7 48.0 144.2

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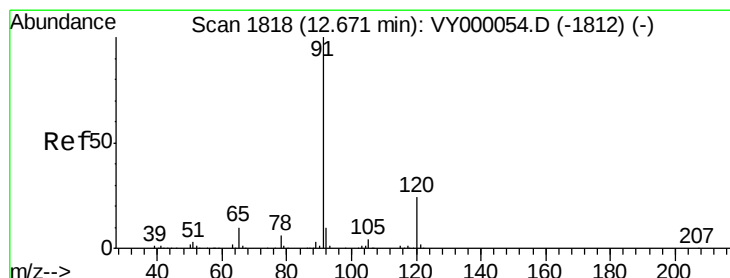
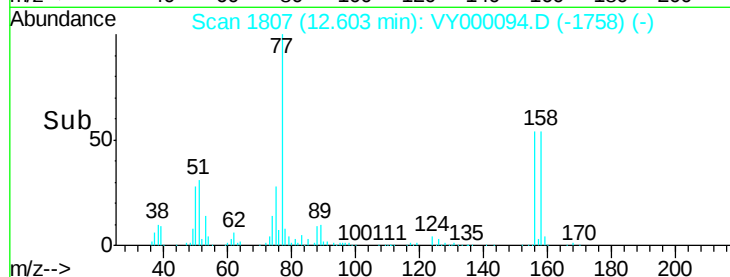
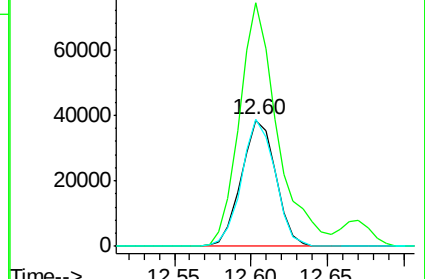
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.942 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY000094.D

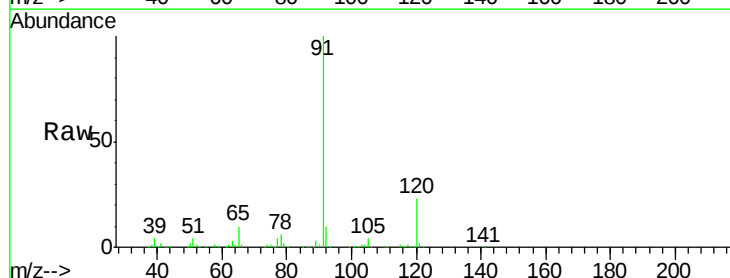
Acq: 19 Sep 2019 21:44

Tgt Ion: 91 Resp: 323791

Ion Ratio Lower Upper

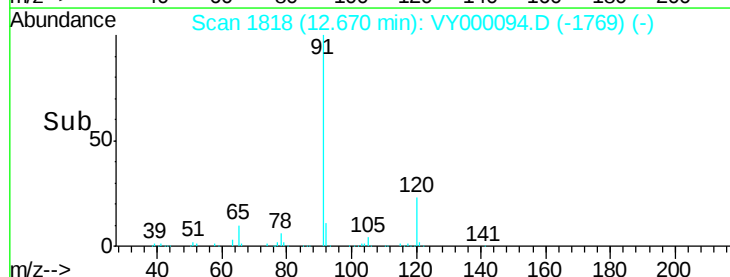
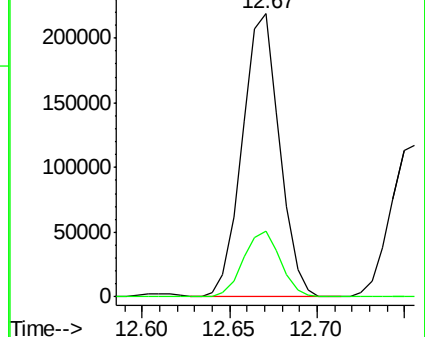
91 100

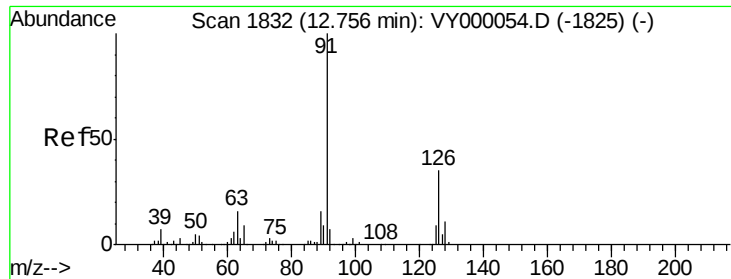
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.624 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 183708

Ion Ratio Lower Upper

91 100

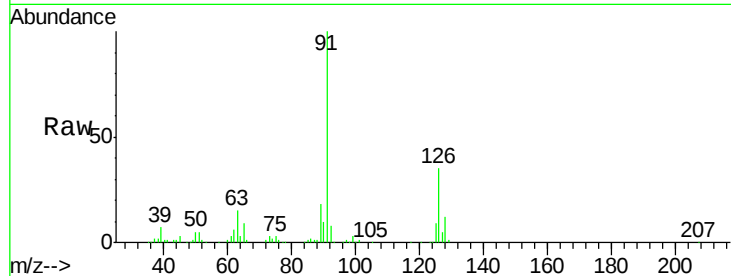
126 34.3 17.2 51.5

Manual Integrations

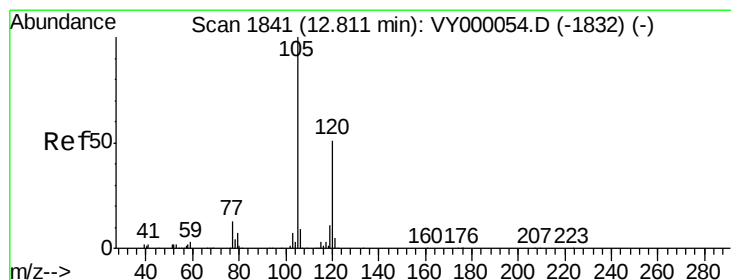
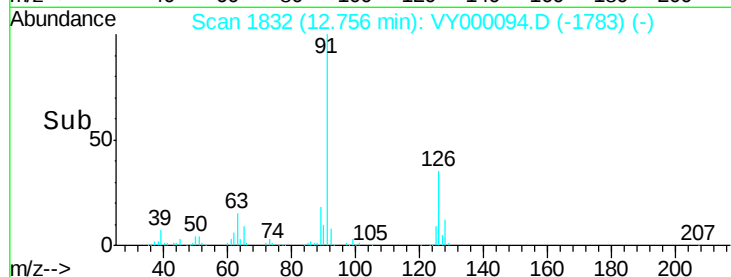
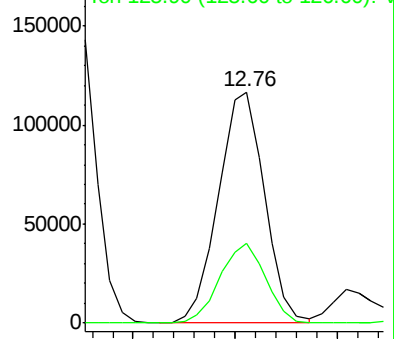
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Abundance Ion 91.00 (90.70 to 91.70): VY000054.D (-1825) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.019 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000094.D

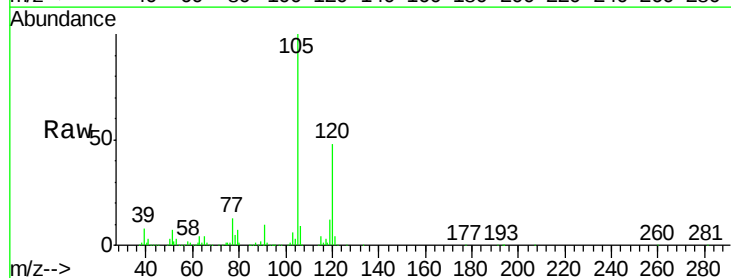
Acq: 19 Sep 2019 21:44

Tgt Ion: 105 Resp: 225041

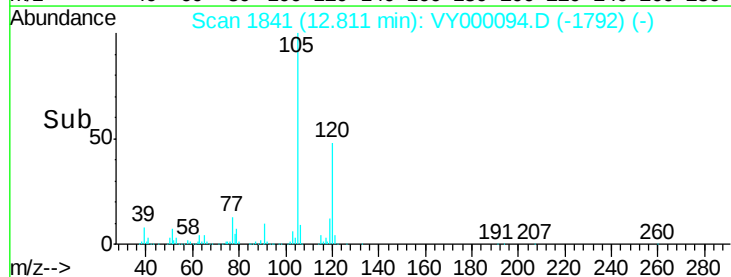
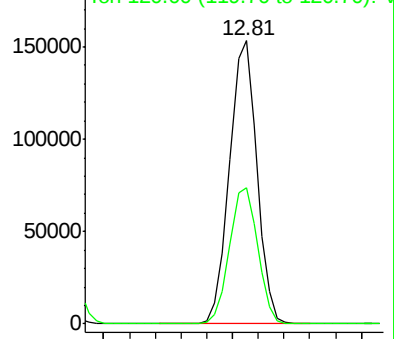
Ion Ratio Lower Upper

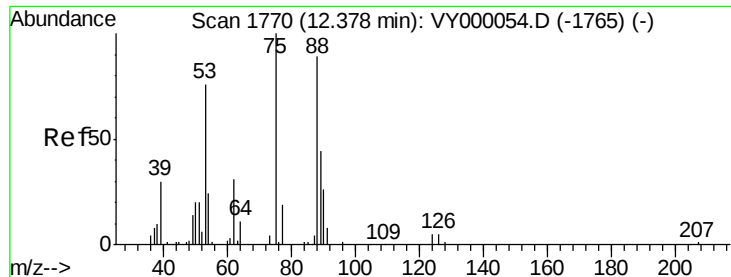
105 100

120 49.8 24.9 74.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 45.301 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

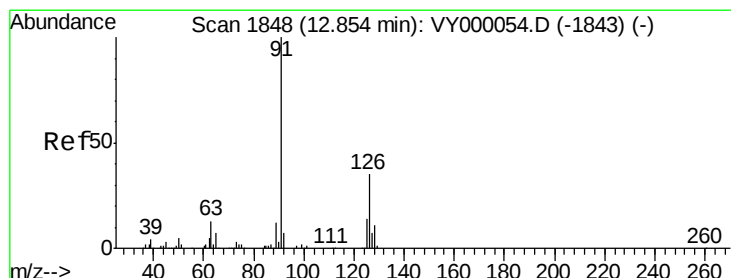
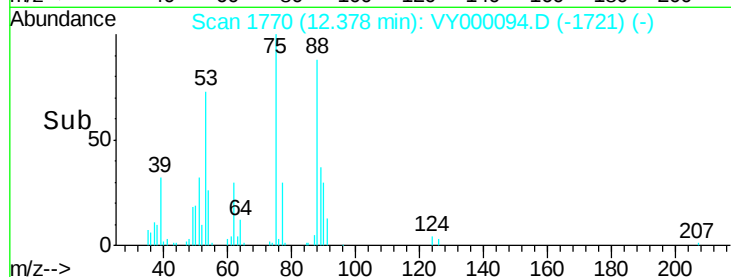
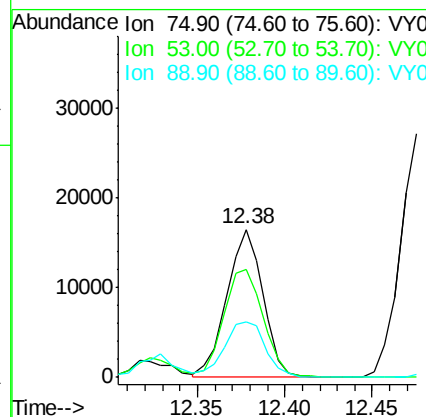
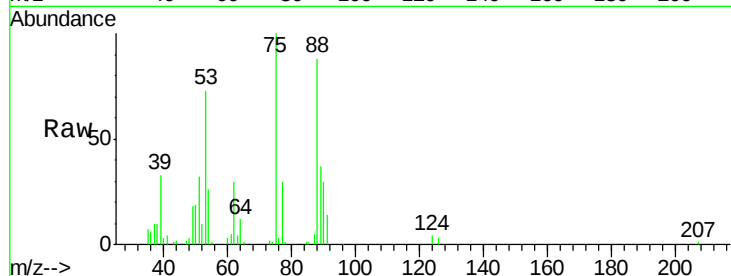
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	23760
Ion	Ratio	Lower	Upper
75	100		
53	79.8	60.9	91.3
89	42.7	35.3	52.9

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#82

4-Chlorotoluene

Concen: 46.831 ug/l

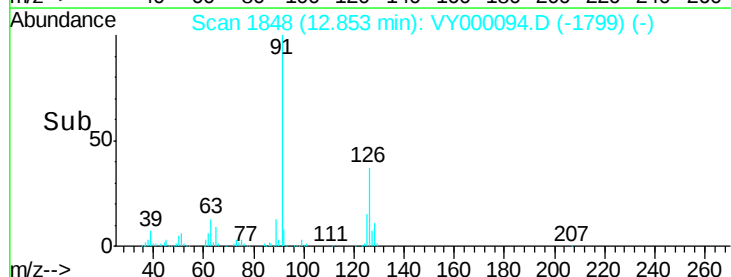
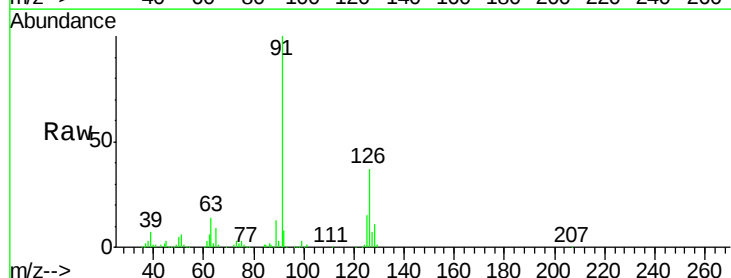
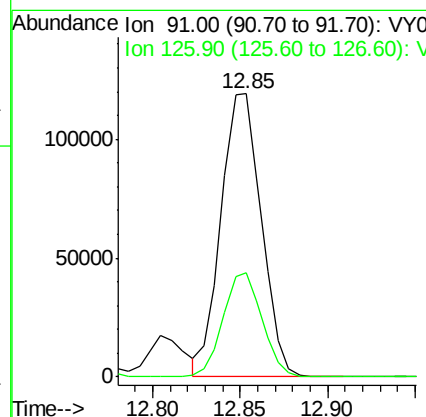
RT: 12.85 min Scan# 1848

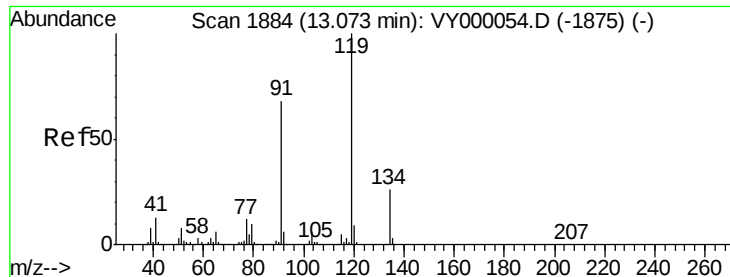
Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	91	Resp:	190804
Ion	Ratio	Lower	Upper
91	100		
126	35.7	16.7	50.1





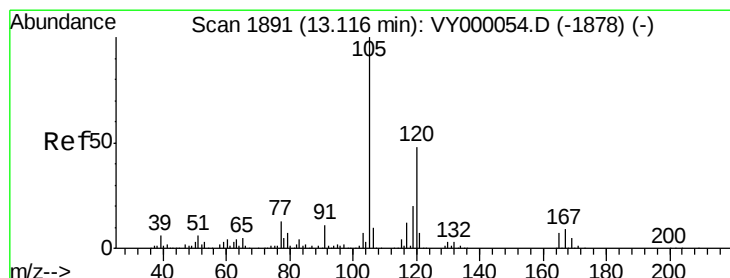
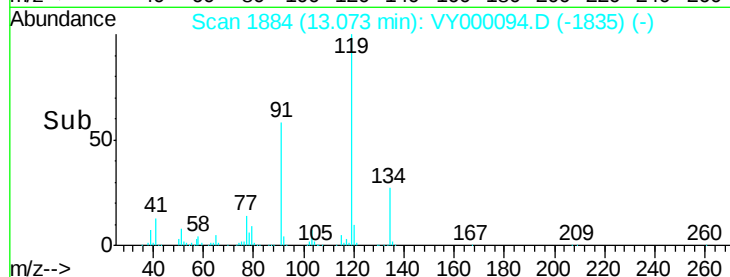
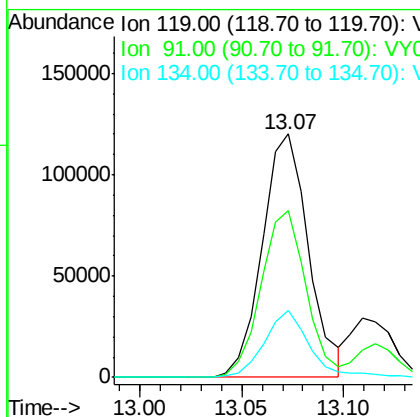
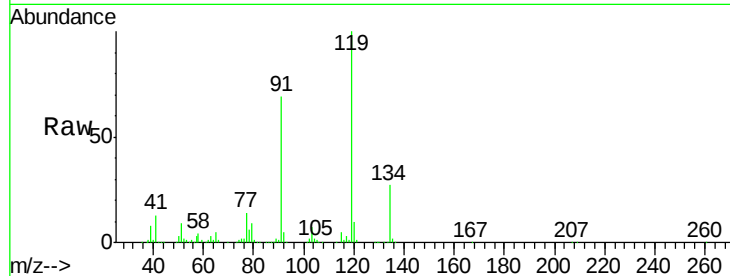
#83
tert-Butylbenzene
Concen: 46.274 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	33.4	100.1
134	26.9	12.7	38.0

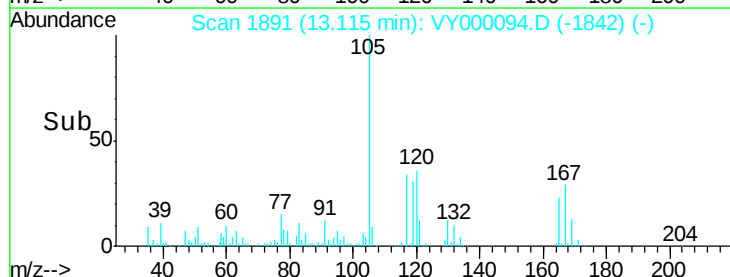
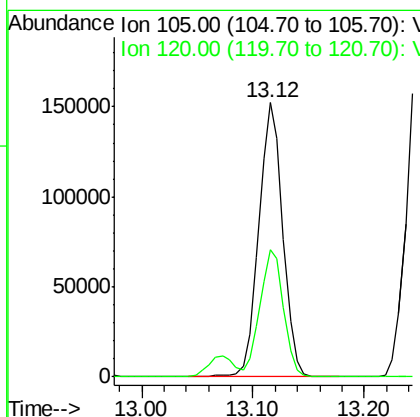
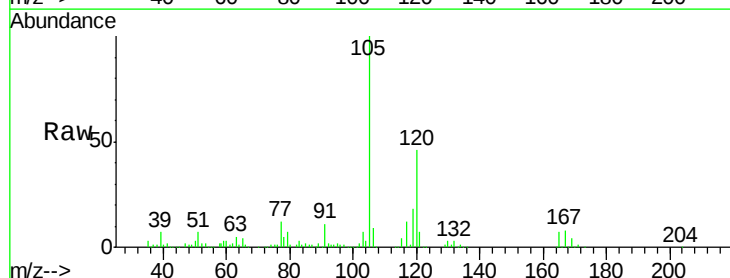
Manual Integrations
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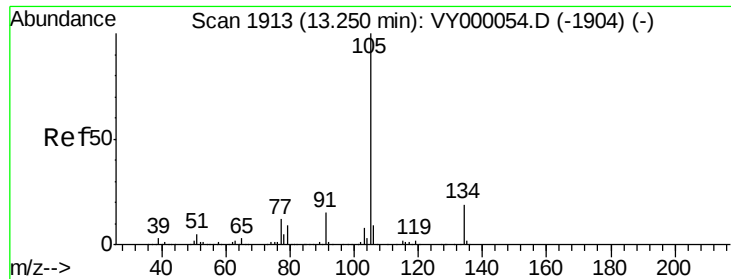
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#84
1,2,4-Trimethylbenzene
Concen: 48.499 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.7





#85

sec-Butylbenzene

Concen: 45.573 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 275704

Ion Ratio Lower Upper

105 100

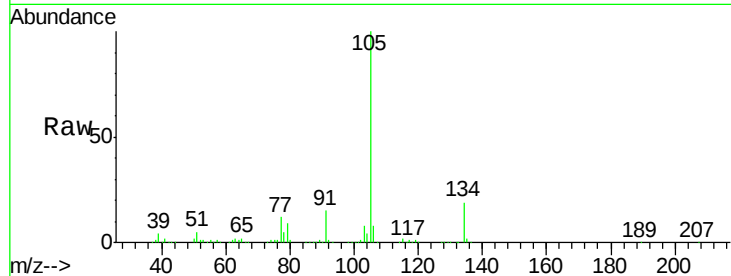
134 19.9 9.8 29.4

Manual Integrations

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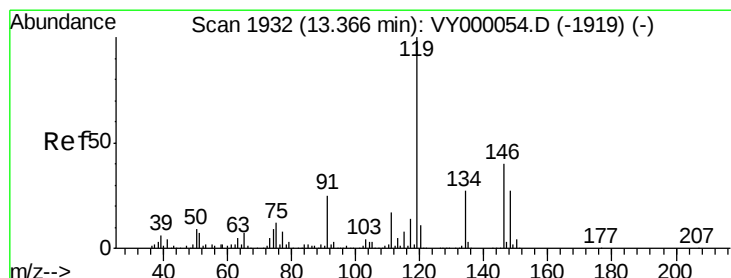
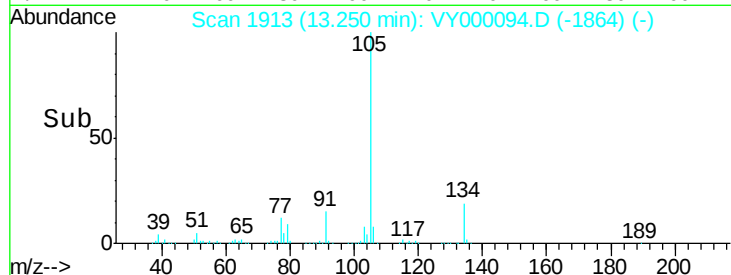
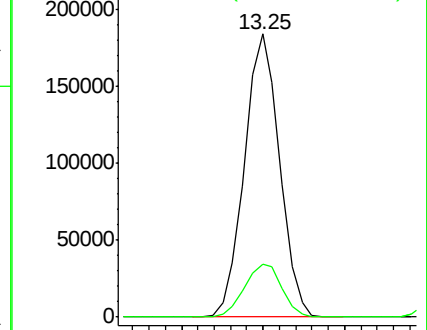
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.455 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

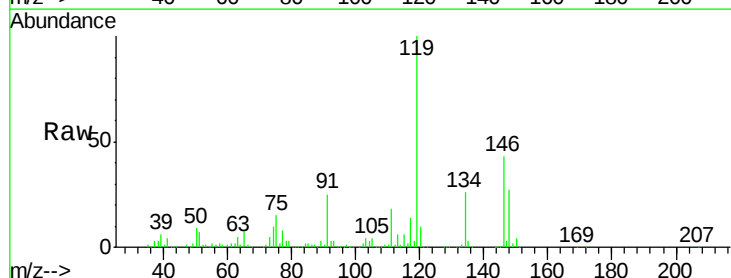
Tgt Ion:119 Resp: 238224

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

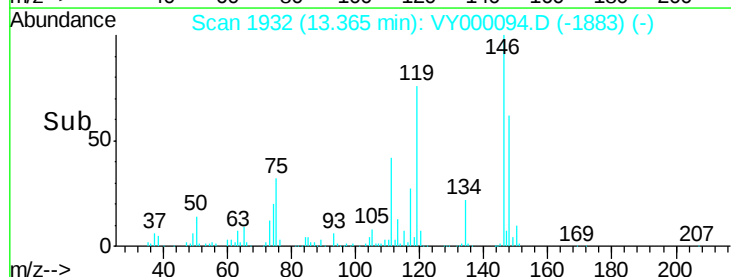
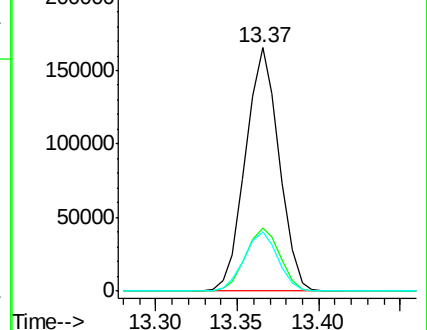
91 24.4 12.4 37.4

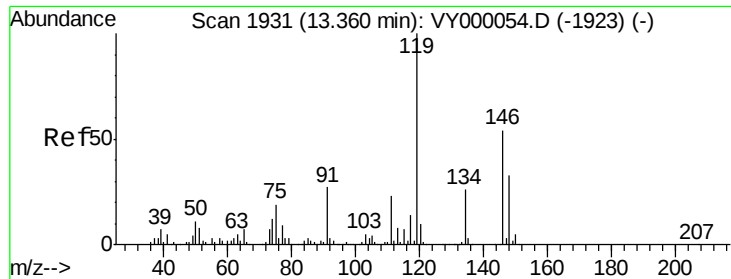


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.737 ug/l

RT: 13.36 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

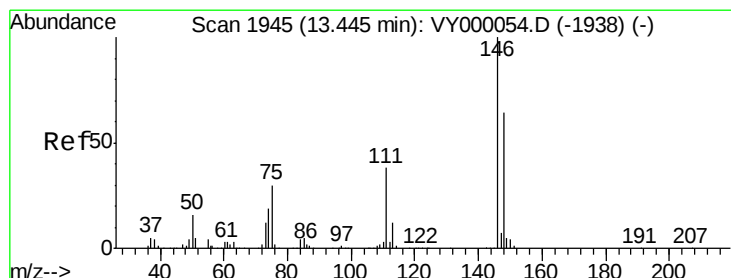
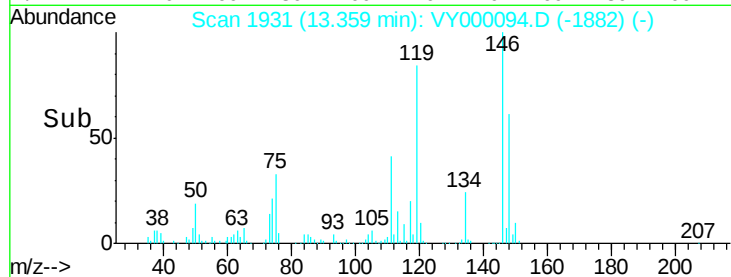
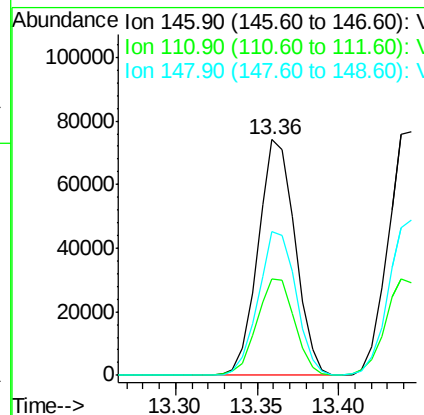
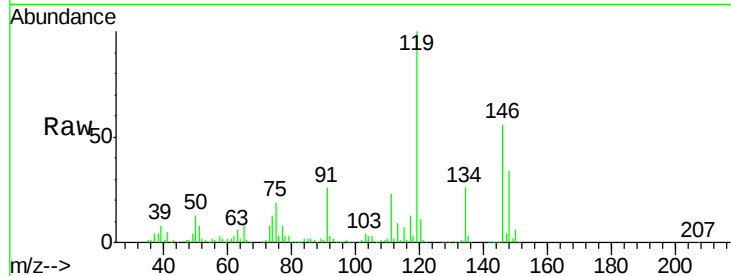
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	116639
Ion Ratio	Lower	Upper	
146	100		
111	41.8	21.1	63.1
148	62.3	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.561 ug/l

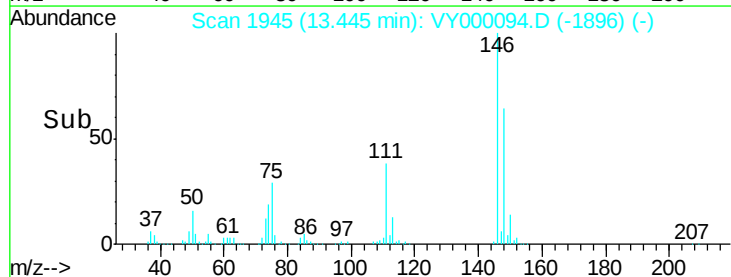
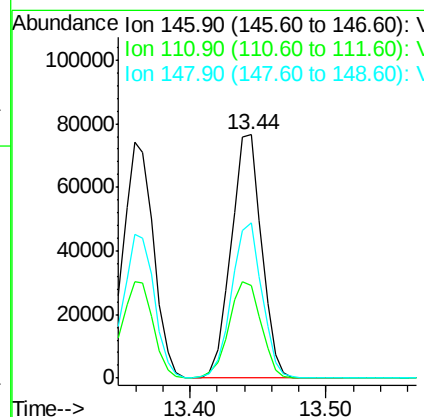
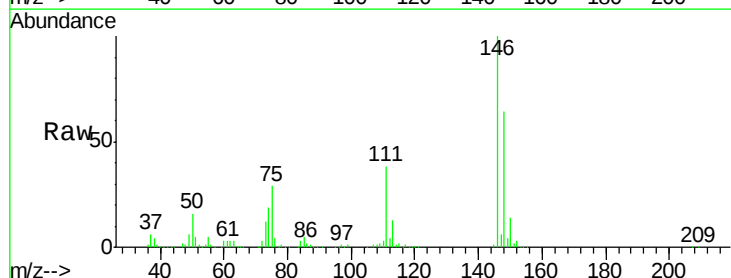
RT: 13.44 min Scan# 1945

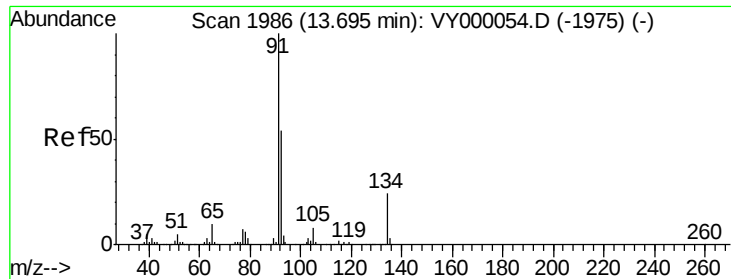
Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	146	Resp:	119188
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.8	62.4
148	63.7	31.5	94.5





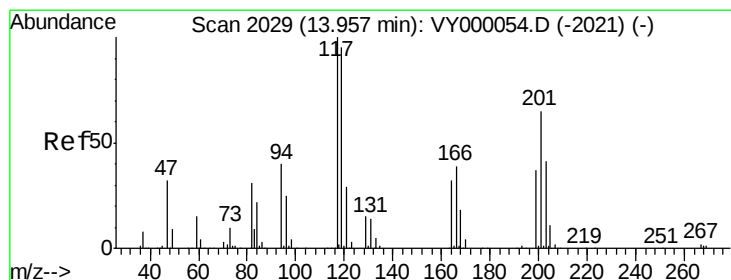
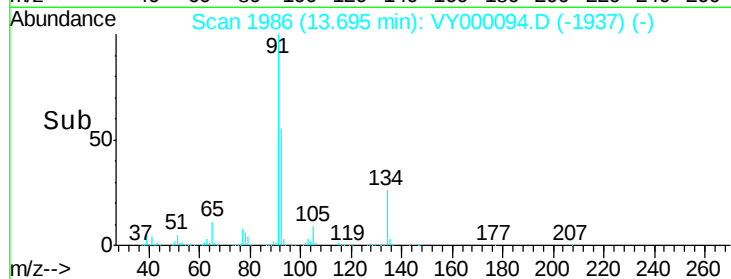
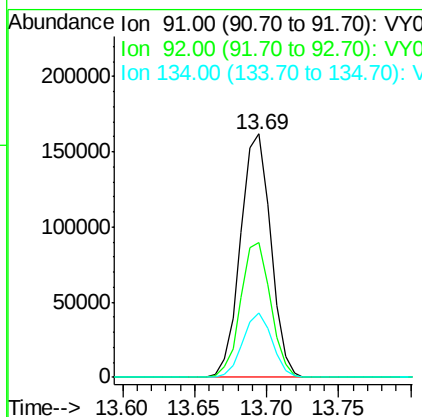
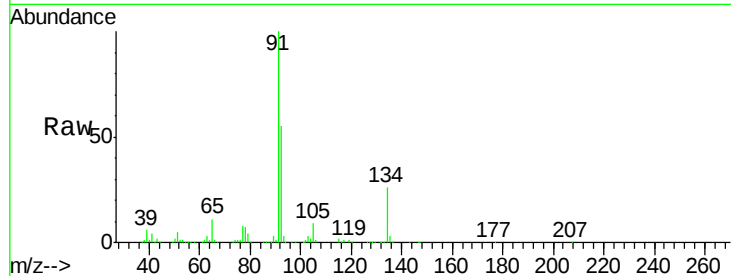
#89
n-Butylbenzene
Concen: 44.814 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	25.5	12.2	36.6

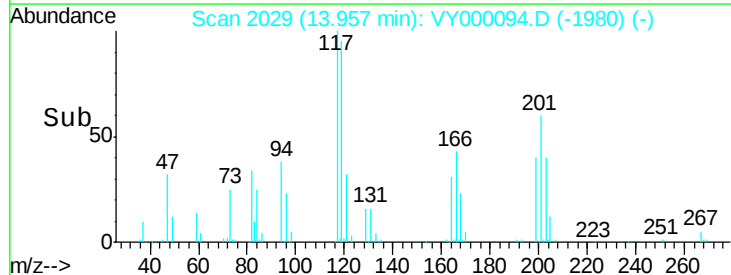
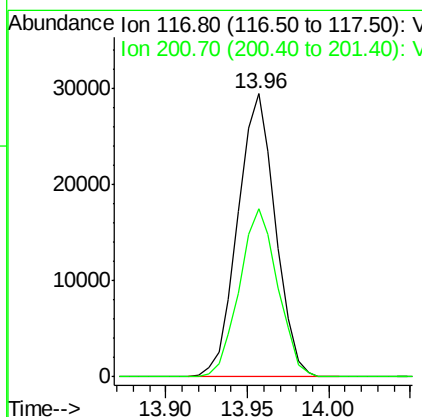
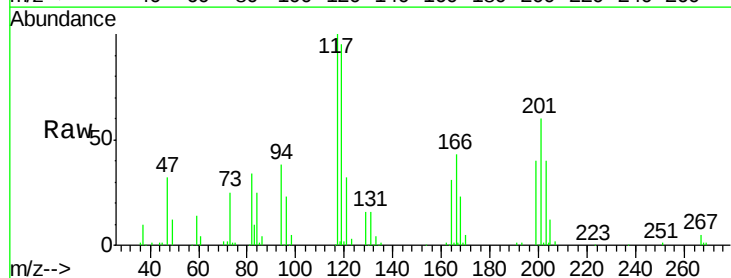
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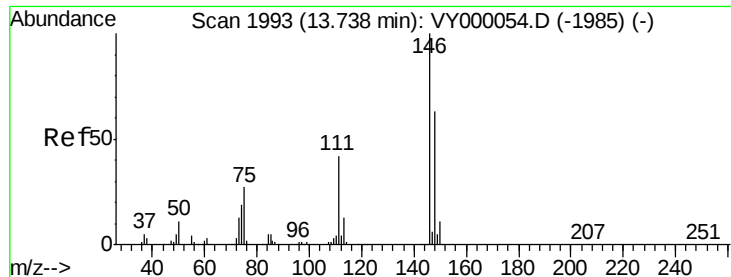
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#90
Hexachloroethane
Concen: 46.892 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	60.6	30.6	92.0





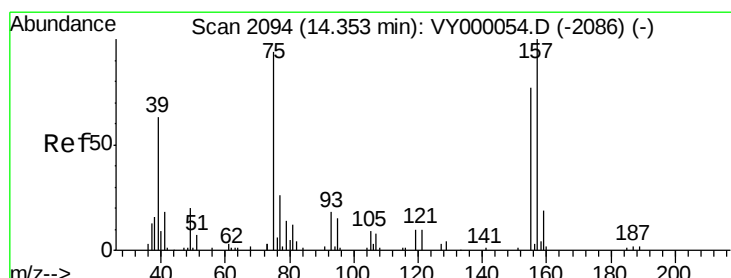
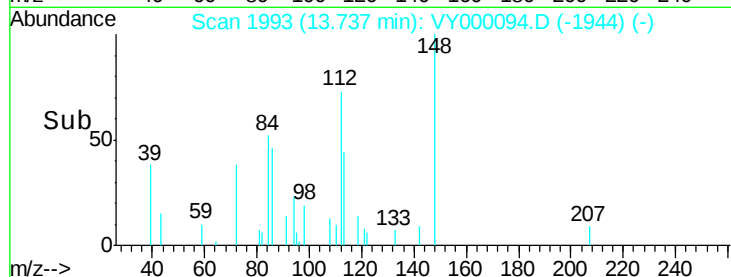
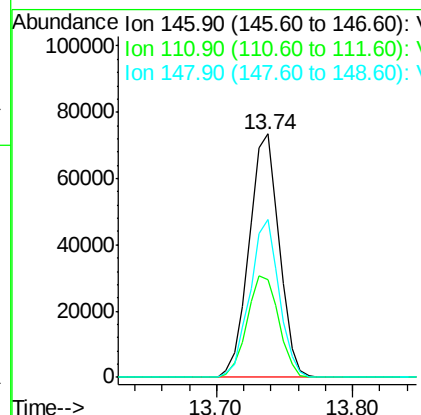
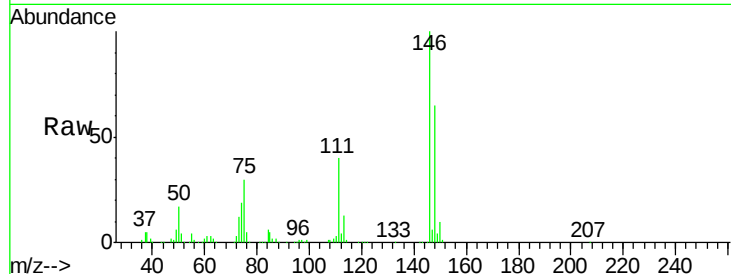
#91
 1,2-Dichlorobenzene
 Concen: 50.729 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.7
148	63.2	32.4	97.2

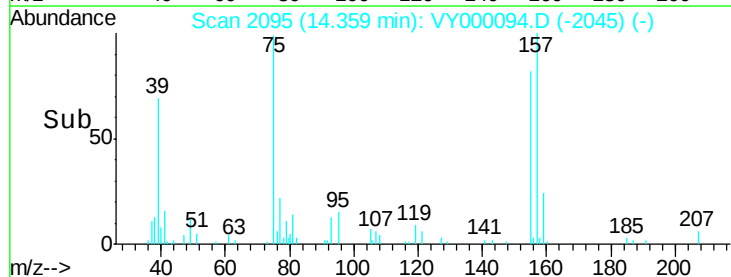
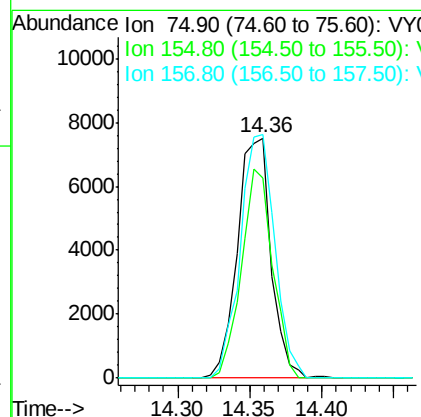
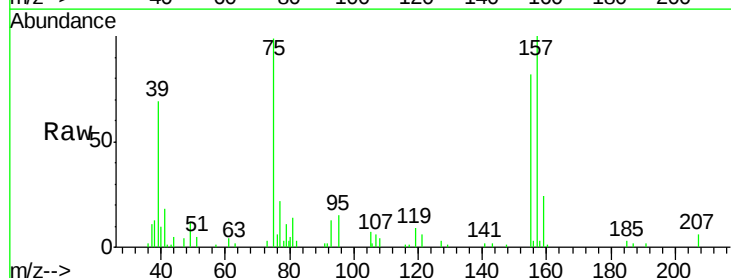
Manual Integrations
 APPROVED

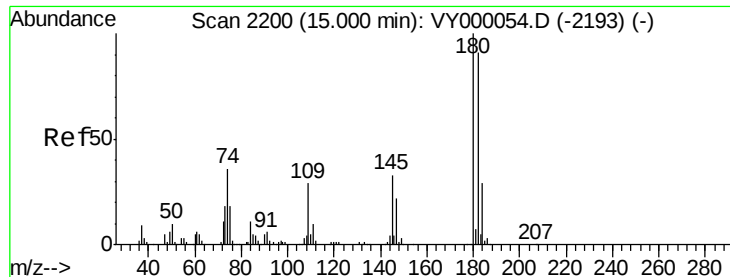
MMDadoda
 9/24/2019 5:30:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.756 ug/l
 RT: 14.36 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	40.6	121.7
157	102.9	52.9	158.8





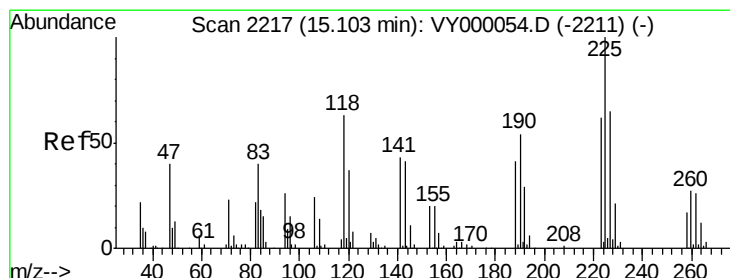
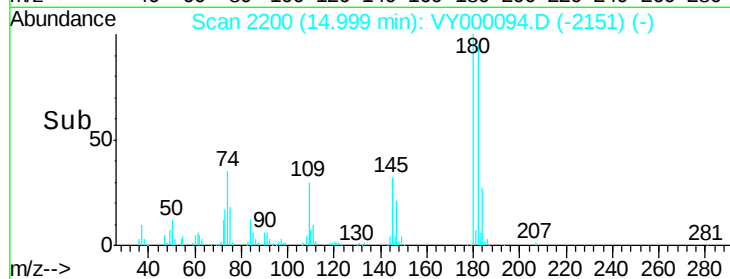
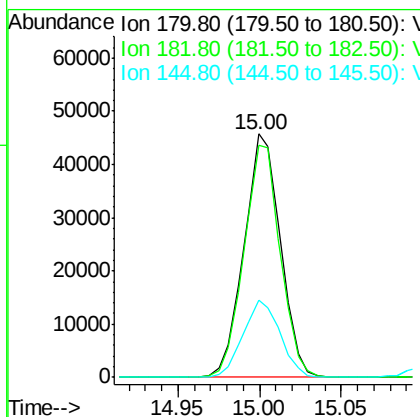
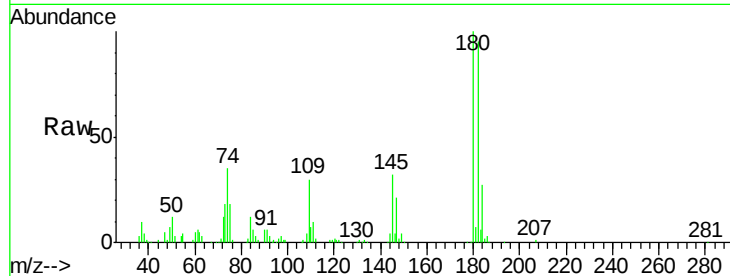
#93
 1,2,4-Trichlorobenzene
 Concen: 52.383 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	71073		
182	95.0		48.5	145.6
145	32.3		17.2	51.6

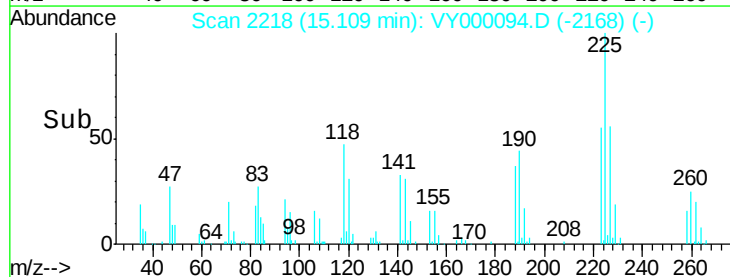
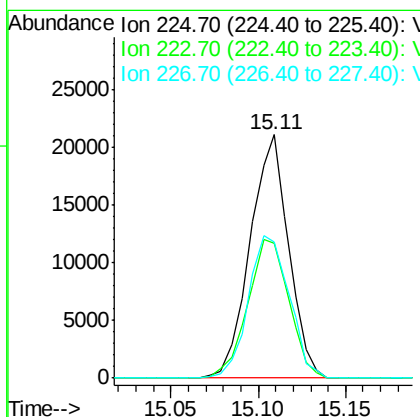
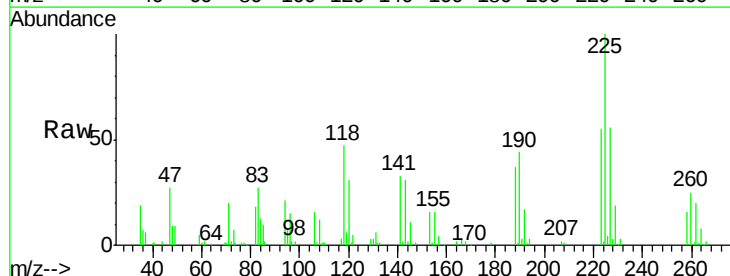
Manual Integrations
 APPROVED

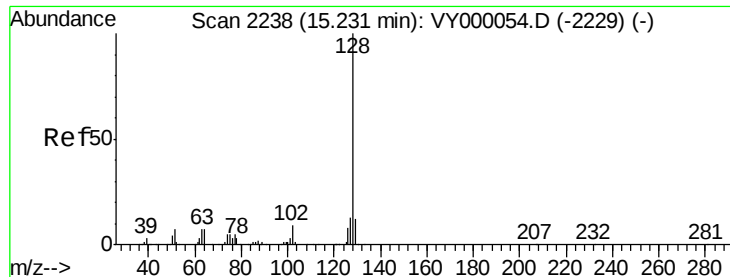
MMDadoda
 9/24/2019 5:30:36 AM



#94
 Hexachlorobutadiene
 Concen: 49.356 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000094.D
 Acq: 19 Sep 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32152		
223	61.2		31.9	95.5
227	62.4		30.6	91.6





#95

Naphthalene

Concen: 50.974 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Instrument :

MSVOA_Y

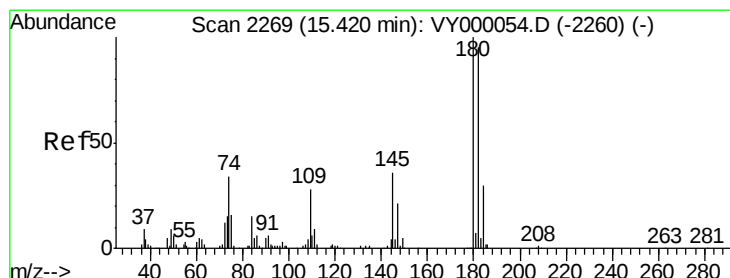
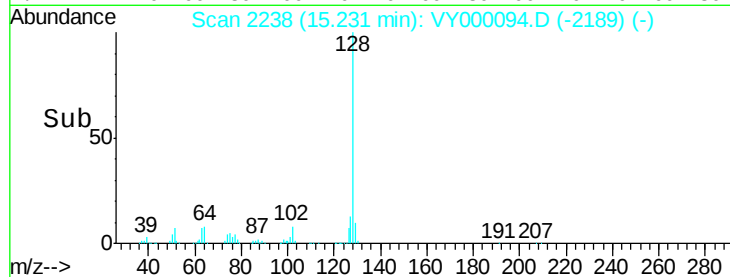
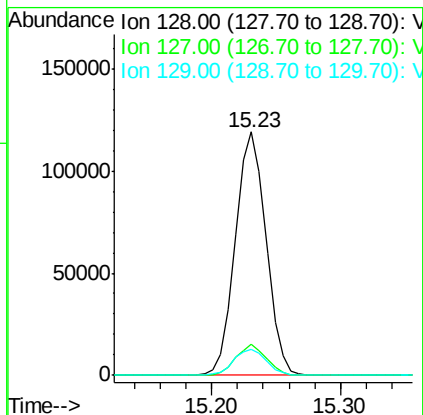
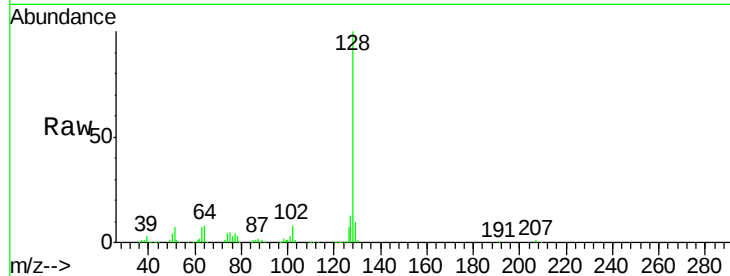
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	196335
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	11.2	9.2	13.8

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:30:36 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.744 ug/l

RT: 15.41 min Scan# 2268

Delta R.T. -0.01 min

Lab File: VY000094.D

Acq: 19 Sep 2019 21:44

Tgt Ion:	180	Resp:	67000
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.5	142.5
145	35.5	17.4	52.2

