

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000236.D
 Acq On : 09 Oct 2019 11:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 8:40:36 AM

Quant Time: Oct 10 01:54:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	412621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197858	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	153781	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
35) Dibromofluoromethane	7.72	113	128840	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	10.19	98	502561	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.49	95	180278	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	129185	47.668	ug/l	93
3) Chloromethane	2.12	50	154819	41.949	ug/l	94
4) Vinyl Chloride	2.25	62	167320	43.911	ug/l	100
5) Bromomethane	2.63	94	111057	46.193	ug/l	97
6) Chloroethane	2.79	64	107337	44.597	ug/l	98
7) Trichlorofluoromethane	3.12	101	229450	46.596	ug/l	98
8) Diethyl Ether	3.53	74	94969	42.182	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	135078	46.984	ug/l	99
10) Methyl Iodide	4.09	142	213099	45.685	ug/l	100
11) Tert butyl alcohol	4.97	59	419120	220.960	ug/l	100
12) 1,1-Dichloroethene	3.86	96	137874	46.194	ug/l	96
13) Acrolein	3.73	56	210441	211.356	ug/l	100
14) Allyl chloride	4.48	41	221064	43.956	ug/l	98
15) Acrylonitrile	5.17	53	751253	224.365	ug/l	99
16) Acetone	3.95	43	575214	208.014	ug/l	98
17) Carbon Disulfide	4.19	76	396384	45.060	ug/l	98
18) Methyl Acetate	4.48	43	341378	45.048	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	484520	44.373	ug/l	97
20) Methylene Chloride	4.72	84	153009	42.119	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	151845	45.225	ug/l	95
22) Diisopropyl ether	6.13	45	513792	44.096	ug/l	98
23) Vinyl Acetate	6.07	43	2395837	208.302	ug/l	99
24) 1,1-Dichloroethane	6.03	63	260015	43.749	ug/l	98
25) 2-Butanone	7.00	43	1152044	225.200	ug/l	98
26) 2,2-Dichloropropane	6.99	77	240761	44.876	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	174913	44.227	ug/l	99
28) Bromochloromethane	7.35	49	90558	46.292	ug/l	97
29) Tetrahydrofuran	7.36	42	831085	230.033	ug/l	100
30) Chloroform	7.52	83	271518	44.020	ug/l	92
31) Cyclohexane	7.78	56	261607	43.579	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	239746	45.719	ug/l	98
36) 1,1-Dichloropropene	7.92	75	210430	46.450	ug/l	100
37) Ethyl Acetate	7.08	43	374252	45.697	ug/l	100
38) Carbon Tetrachloride	7.91	117	218173	49.412	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	273969	48.206	ug/l	97
40) Benzene	8.17	78	640121	46.580	ug/l	99
41) Methacrylonitrile	7.35	41	321969m	49.947	ug/l	
42) 1,2-Dichloroethane	8.25	62	213922	47.925	ug/l	100
43) Isopropyl Acetate	8.28	43	488713	46.361	ug/l	100
44) Trichloroethene	8.94	130	175419	47.071	ug/l	100
45) 1,2-Dichloropropane	9.22	63	162348	47.164	ug/l	97
46) Dibromomethane	9.31	93	109610	45.422	ug/l	98
47) Bromodichloromethane	9.50	83	220304	46.672	ug/l	91
48) Methyl methacrylate	9.30	41	221516	46.555	ug/l	98
49) 1,4-Dioxane	9.30	88	115547	945.998	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	1934094	244.129	ug/l	99
52) Toluene	10.25	92	416066	47.204	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	262064	48.936	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	275095	47.474	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	163409	47.017	ug/l	99
56) Ethyl methacrylate	10.52	69	290371	47.455	ug/l	98
57) 1,3-Dichloropropane	10.80	76	274118	46.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	829220	304.035	ug/l	100
59) 2-Hexanone	10.84	43	1652438	234.902	ug/l	99
60) Dibromochloromethane	10.99	129	175385	47.728	ug/l	99
61) 1,2-Dibromoethane	11.10	107	170688	46.235	ug/l	97
64) Tetrachloroethene	10.72	164	171484	45.468	ug/l	97
65) Chlorobenzene	11.52	112	428574	44.821	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	157649	46.118	ug/l	99
67) Ethyl Benzene	11.60	91	801495	46.890	ug/l	98
68) m/p-Xylenes	11.70	106	613508	94.066	ug/l	100
69) o-Xylene	12.03	106	294171	46.818	ug/l	96
70) Styrene	12.05	104	498782	46.085	ug/l	99
71) Bromoform	12.21	173	133652	47.382	ug/l #	98
73) Isopropylbenzene	12.33	105	781270	46.598	ug/l	100
74) N-amyl acetate	12.14	43	401430	45.355	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	260100	45.457	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	245669m	47.029	ug/l	
77) Bromobenzene	12.61	156	183501	46.673	ug/l	95
78) n-propylbenzene	12.67	91	942202	48.112	ug/l	99
79) 2-Chlorotoluene	12.76	91	520036	46.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	662093	47.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	118944	44.287	ug/l #	89
82) 4-Chlorotoluene	12.86	91	545343	47.752	ug/l	100
83) tert-Butylbenzene	13.08	119	564619	46.435	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	664223	47.521	ug/l	99
85) sec-Butylbenzene	13.25	105	809734	48.313	ug/l	100
86) p-Isopropyltoluene	13.37	119	712858	48.368	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	341198	47.883	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	344464	46.409	ug/l	99
89) n-Butylbenzene	13.70	91	676076	48.673	ug/l	99
90) Hexachloroethane	13.96	117	133558	47.906	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	330515	45.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	87727	45.417	ug/l	97

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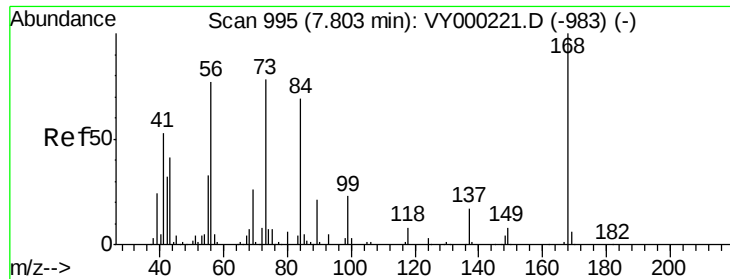
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	222635	45.464	ug/l	99
94) Hexachlorobutadiene	15.11	225	107856	46.090	ug/l	99
95) Naphthalene	15.23	128	856394	46.488	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	221782	47.084	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 271467

Ion Ratio Lower Upper

168 100

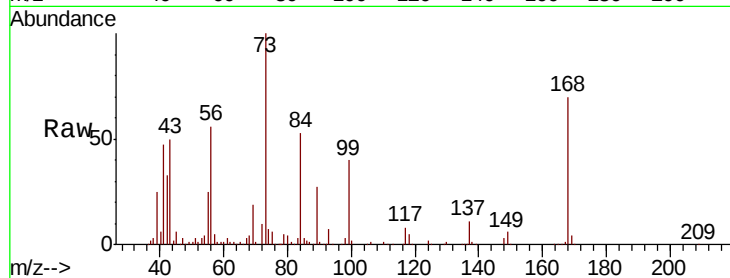
99 56.4 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

7.80

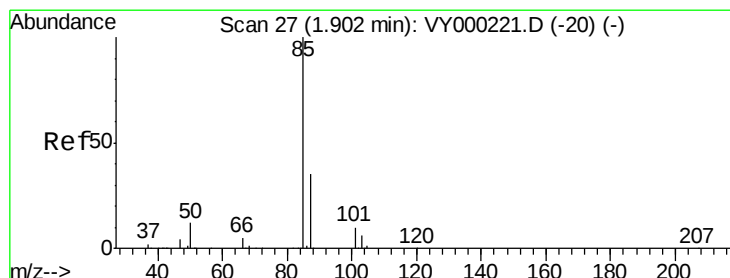
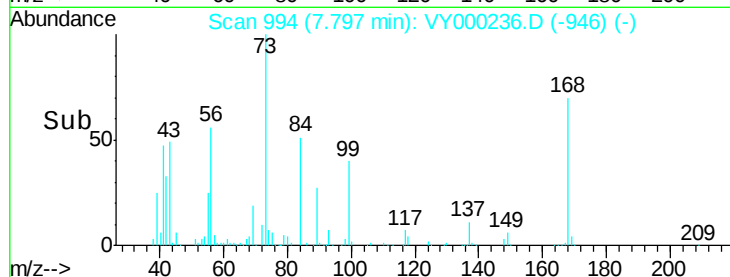
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.668 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000236.D

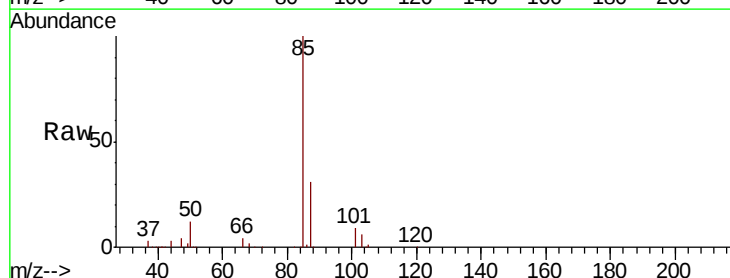
Acq: 09 Oct 2019 11:36

Tgt Ion: 85 Resp: 129185

Ion Ratio Lower Upper

85 100

87 30.6 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

80000

60000

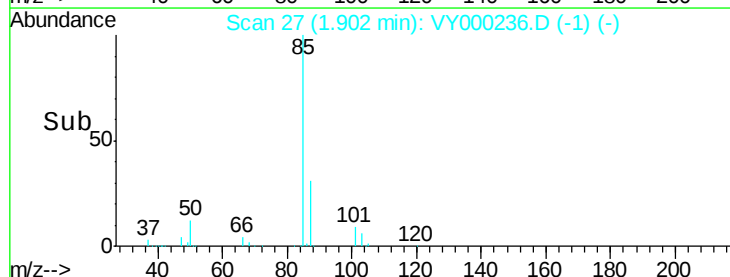
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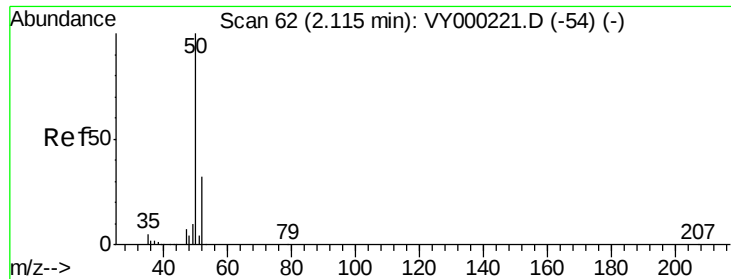
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.949 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 154819

Ion Ratio Lower Upper

50 100

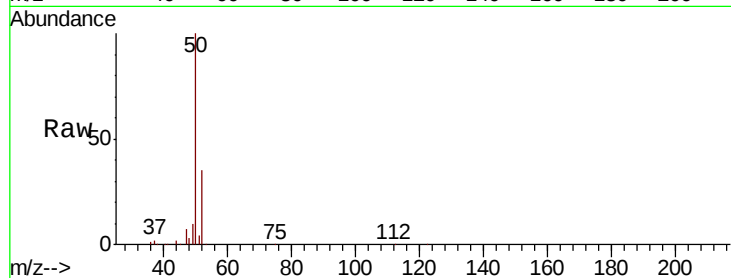
52 35.3 25.4 38.0

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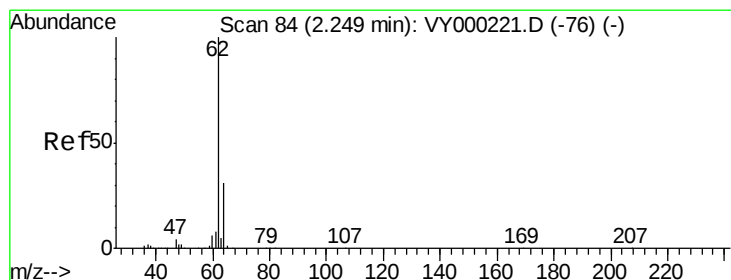
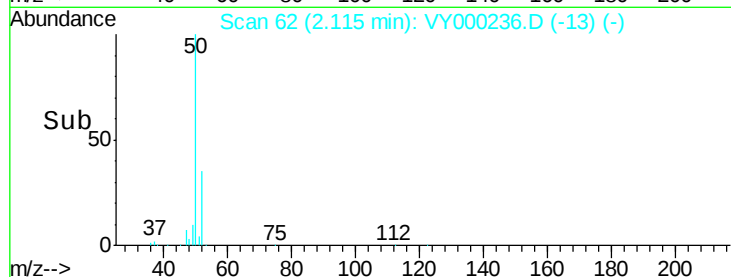
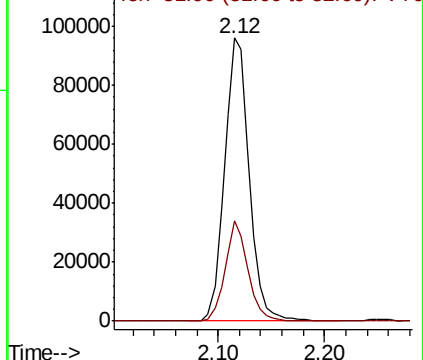
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 43.911 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000236.D

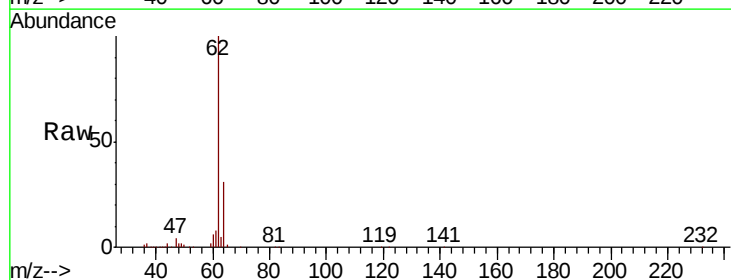
Acq: 09 Oct 2019 11:36

Tgt Ion: 62 Resp: 167320

Ion Ratio Lower Upper

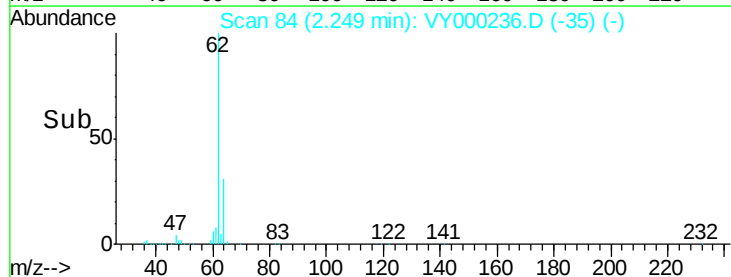
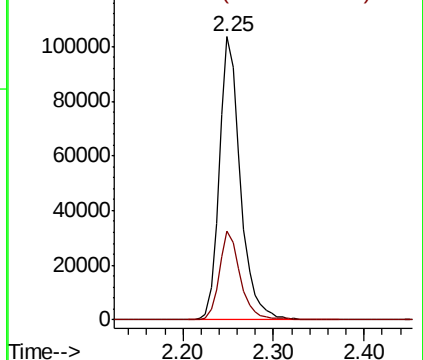
62 100

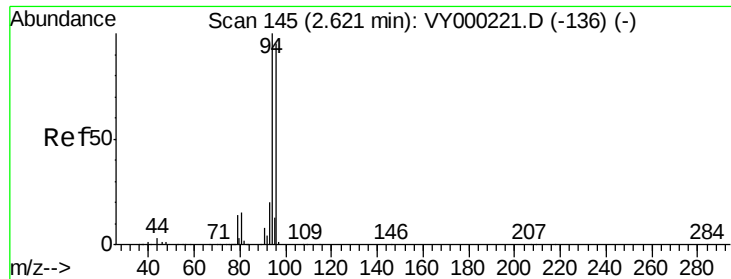
64 31.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.193 ug/l

RT: 2.63 min Scan# 146

Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 111057

Ion Ratio Lower Upper

94 100

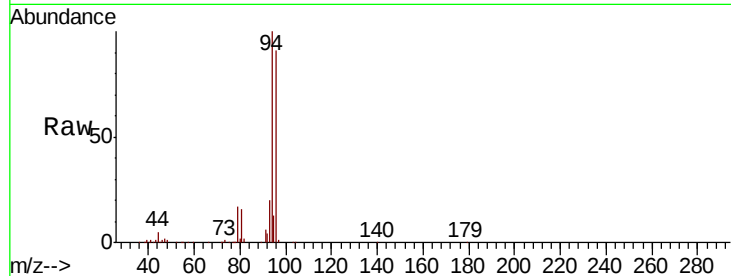
96 91.5 75.7 113.5

Manual Integrations

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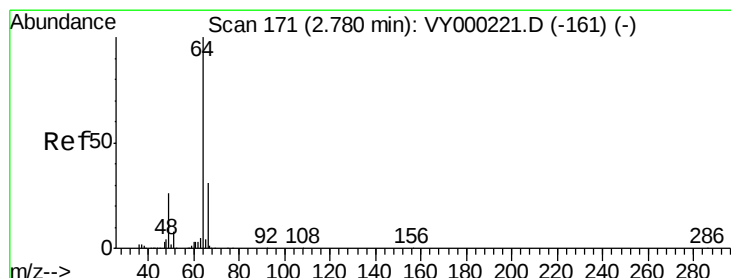
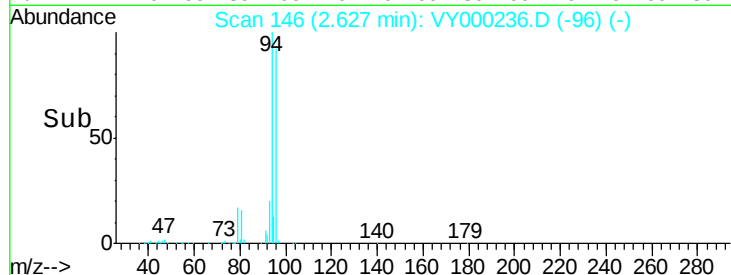
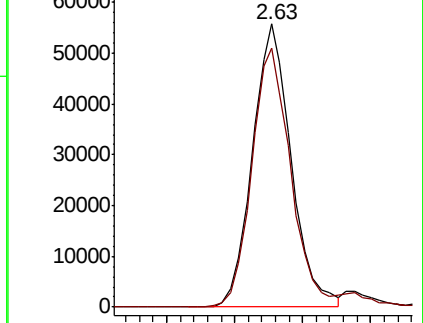
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 44.597 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000236.D

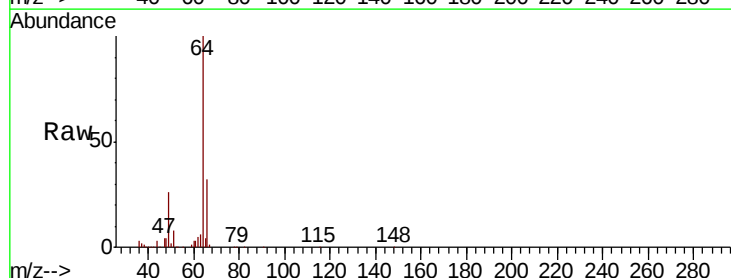
Acq: 09 Oct 2019 11:36

Tgt Ion: 64 Resp: 107337

Ion Ratio Lower Upper

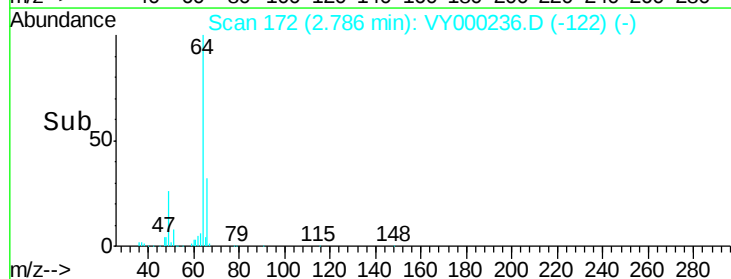
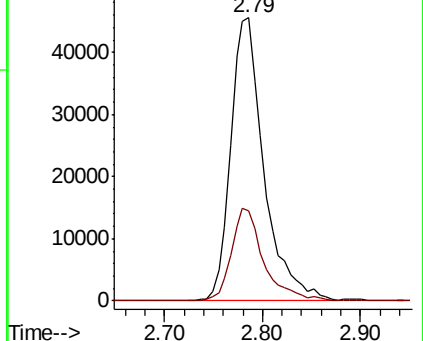
64 100

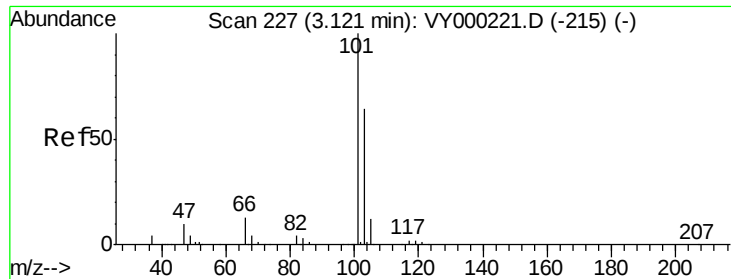
66 31.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

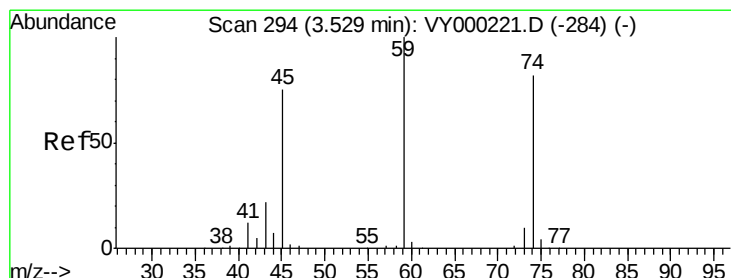
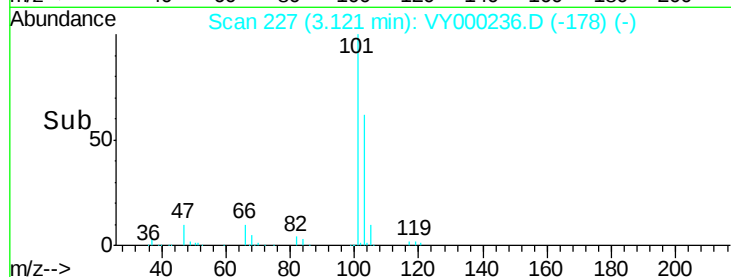
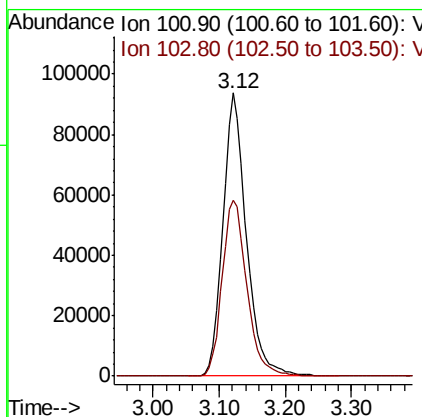
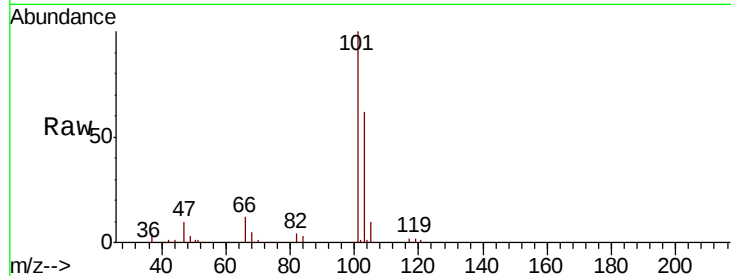
Trichlorofluoromethane
 Concen: 46.596 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	51.0	76.6

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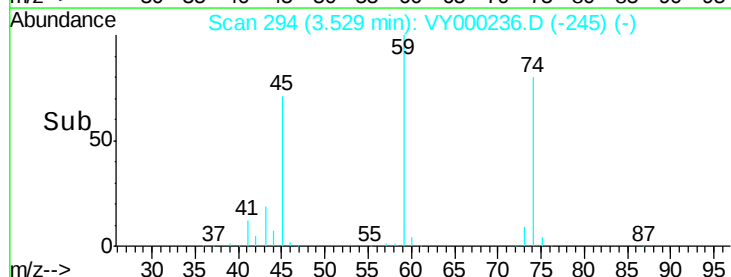
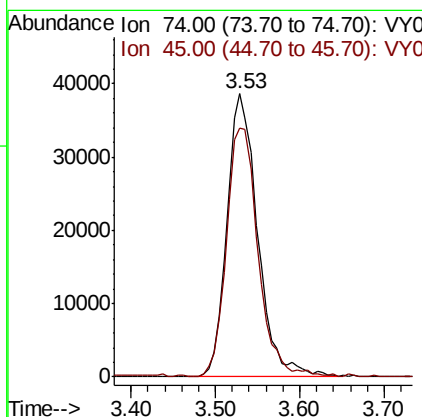
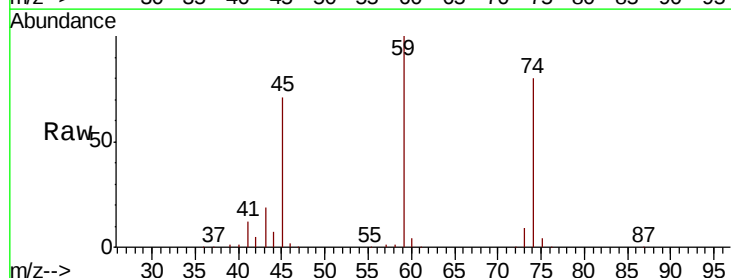
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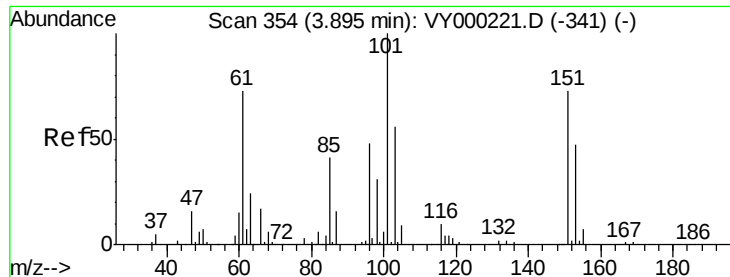


#8

Diethyl Ether
 Concen: 42.182 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.1	45.8	137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.984 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

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MSVOA_Y

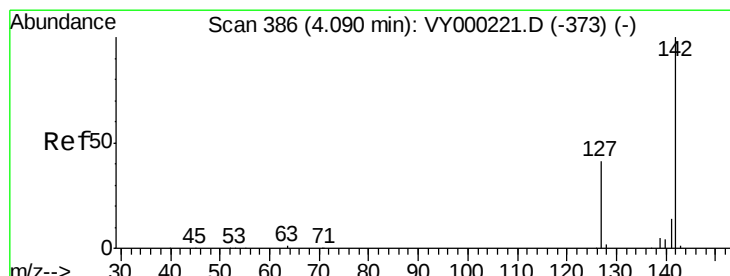
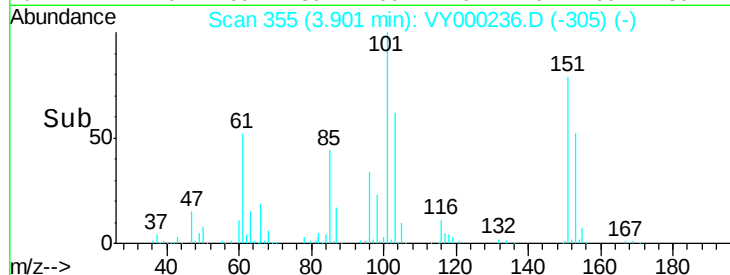
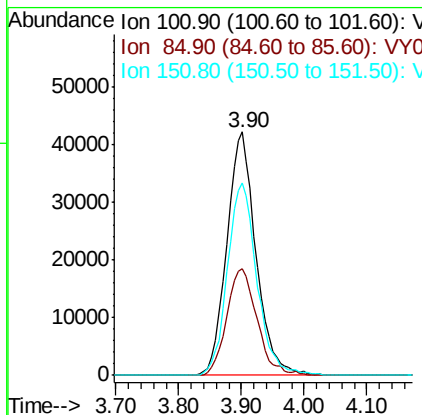
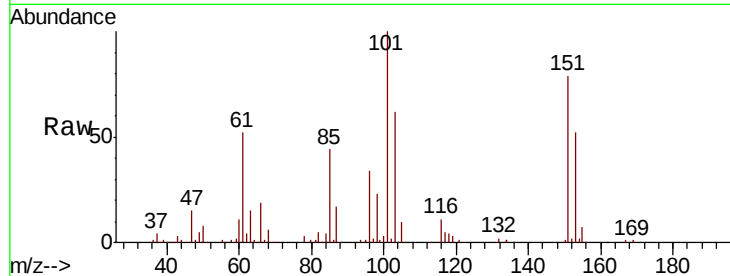
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	135078
Ion Ratio	Lower	Upper	
101	100		
85	45.9	37.0	55.6
151	80.2	63.0	94.4

Manual Integrations
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#10

Methyl Iodide

Concen: 45.685 ug/l

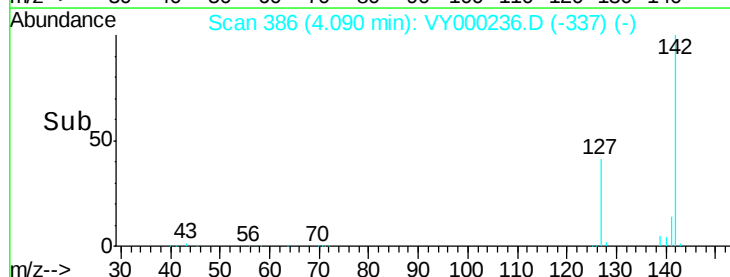
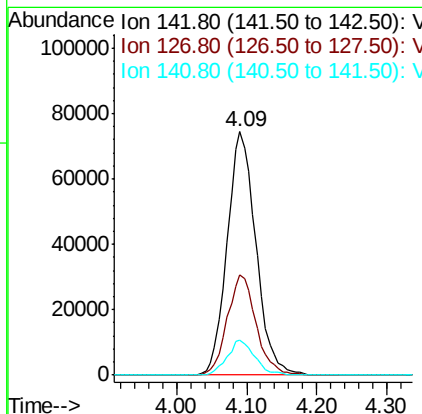
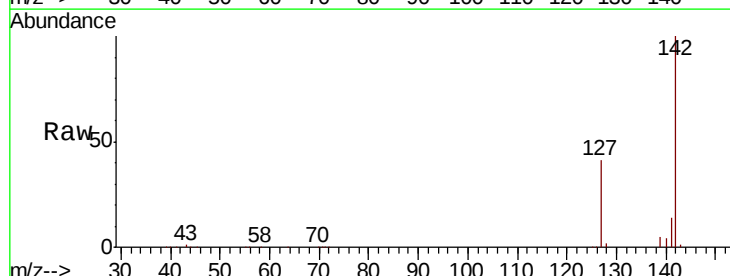
RT: 4.09 min Scan# 386

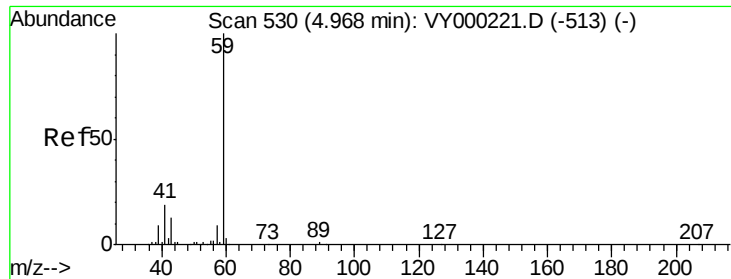
Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Tgt Ion:	142	Resp:	213099
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.0	49.6
141	13.8	11.0	16.4





#11

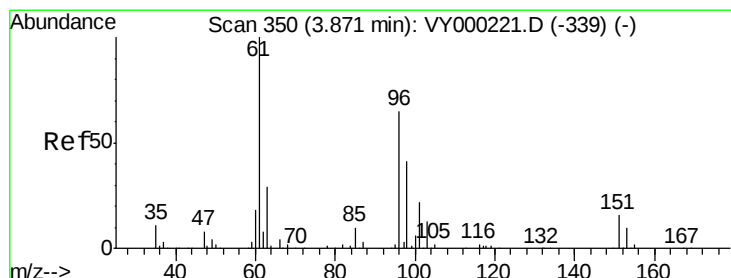
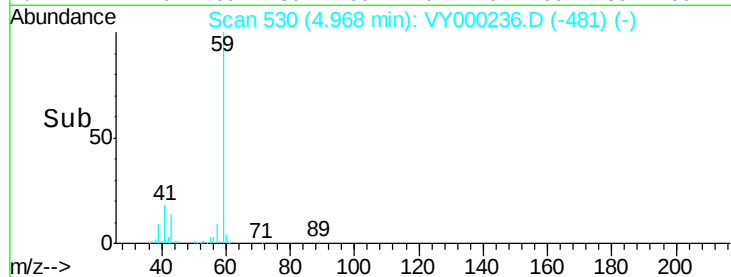
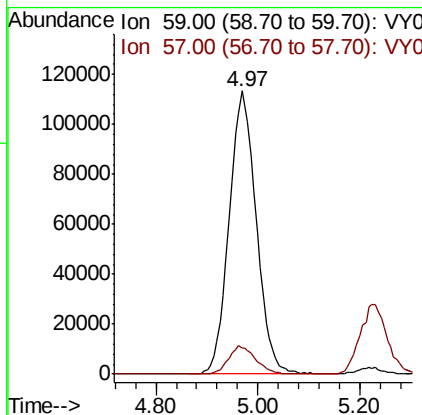
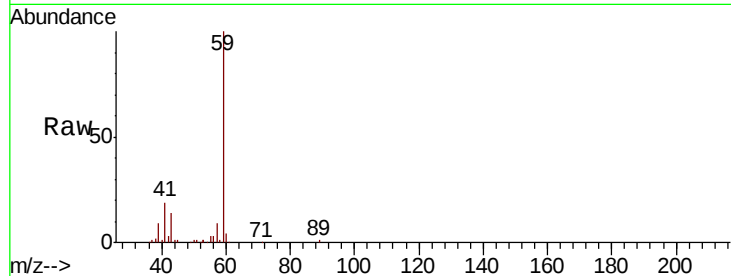
Tert butyl alcohol
 Concen: 220.960 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	419120		
57	9.9		8.0	12.0

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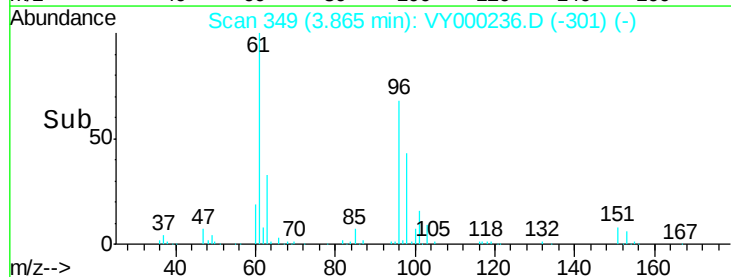
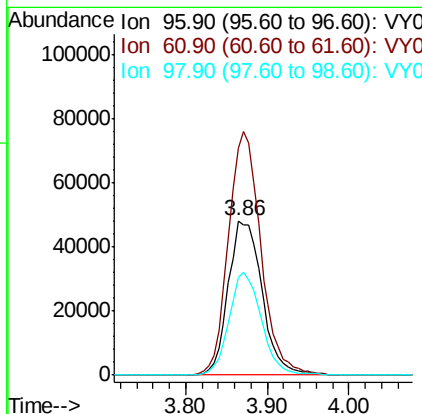
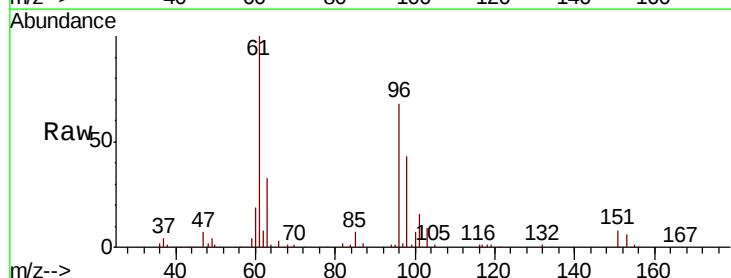
MMDadoda
 10/11/2019 8:40:36 AM

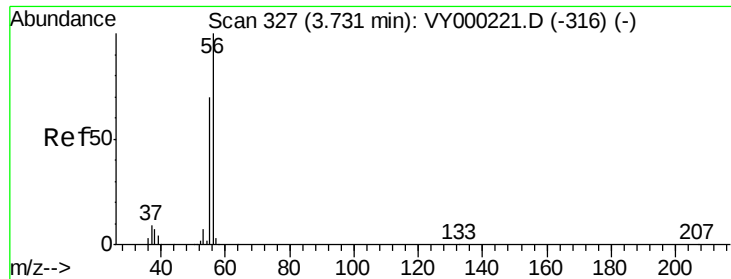


#12

1,1-Dichloroethene
 Concen: 46.194 ug/l
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	137874		
61	147.2		123.8	185.8
98	63.4		50.9	76.3





#13

Acrolein

Concen: 211.356 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 210441

Ion Ratio Lower Upper

56 100

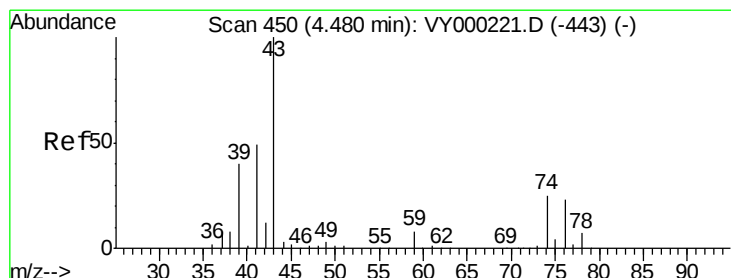
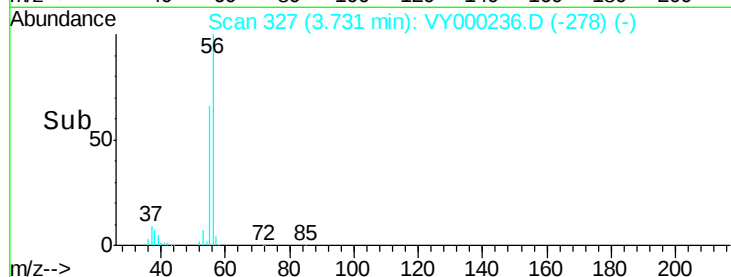
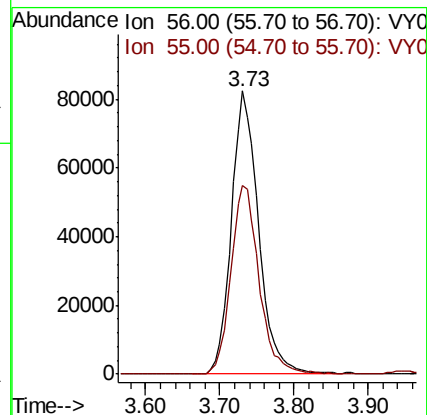
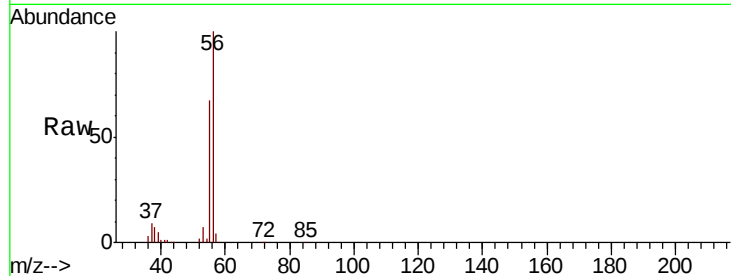
55 69.1 55.2 82.8

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 43.956 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

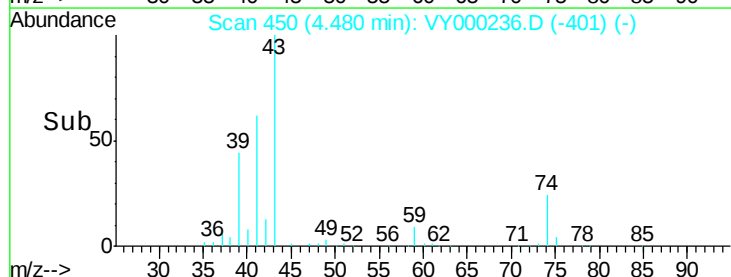
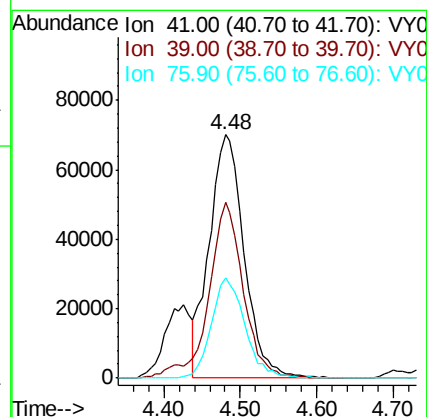
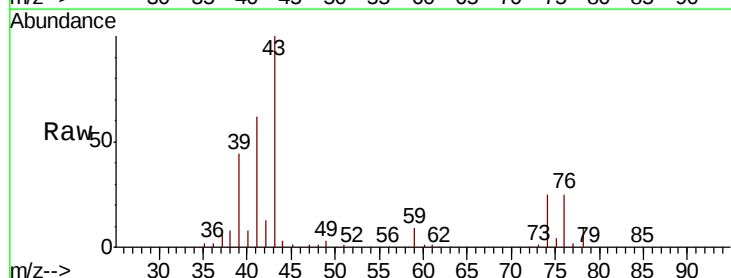
Tgt Ion: 41 Resp: 221064

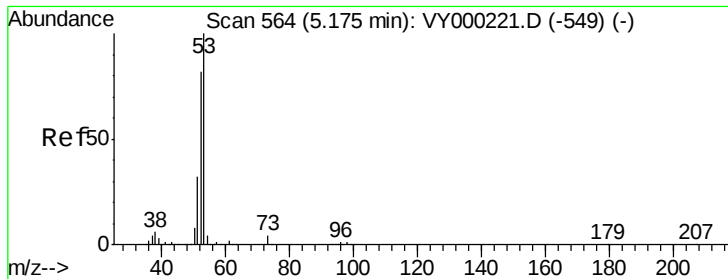
Ion Ratio Lower Upper

41 100

39 71.7 56.4 84.6

76 39.6 30.8 46.2





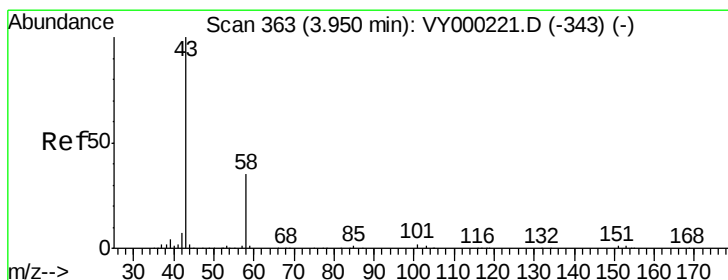
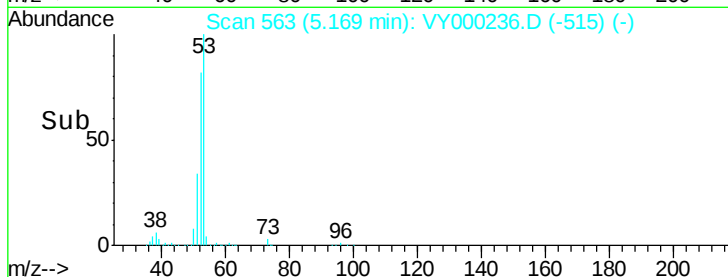
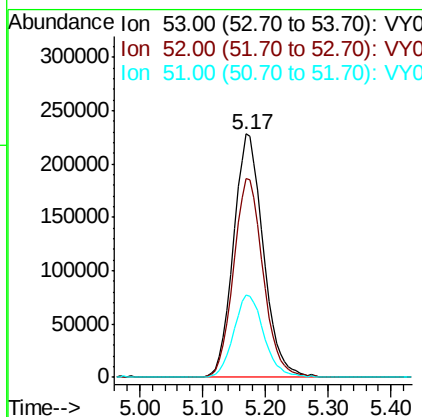
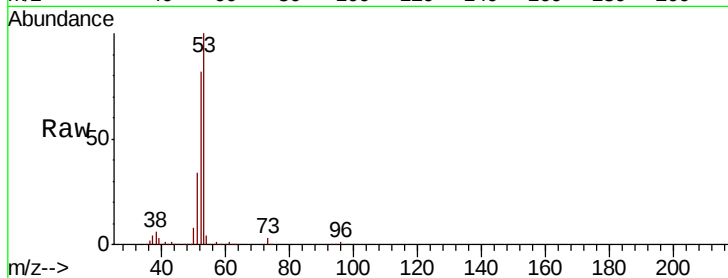
#15
 Acrylonitrile
 Concen: 224.365 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	751253
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.4	98.2
51	34.4	27.2	40.8

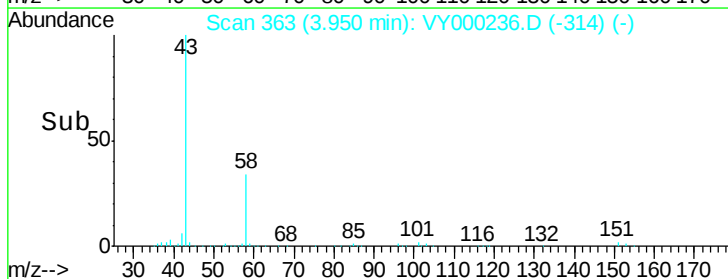
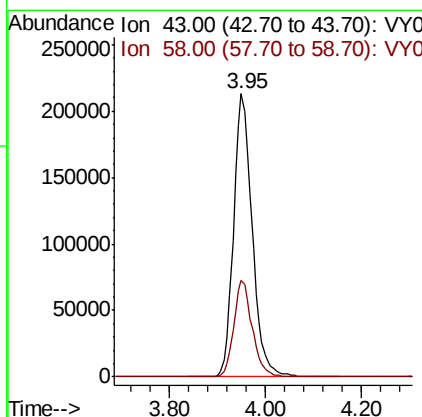
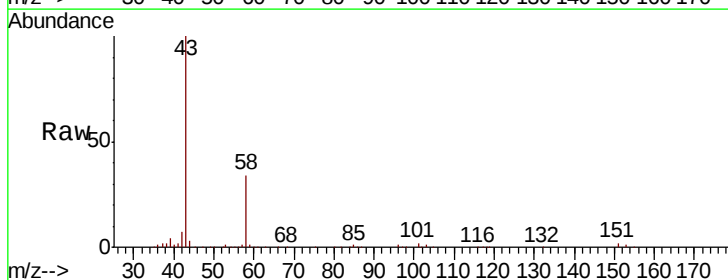
Manual Integrations
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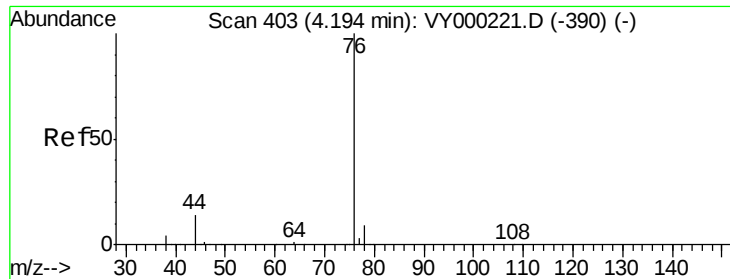
MMDadoda
 10/11/2019 8:40:36 AM



#16
 Acetone
 Concen: 208.014 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion:	43	Resp:	575214
Ion	Ratio	Lower	Upper
43	100		
58	34.1	28.2	42.4





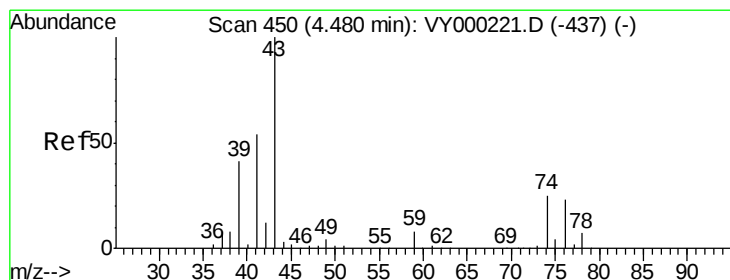
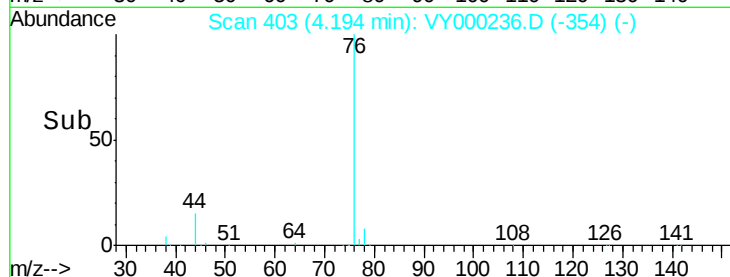
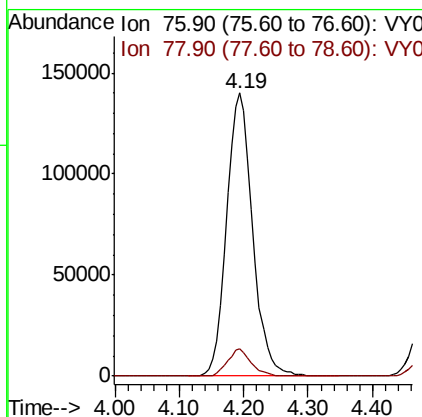
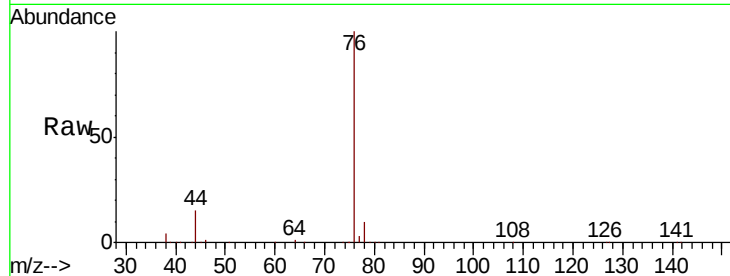
#17
Carbon Disulfide
Concen: 45.060 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 396384
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

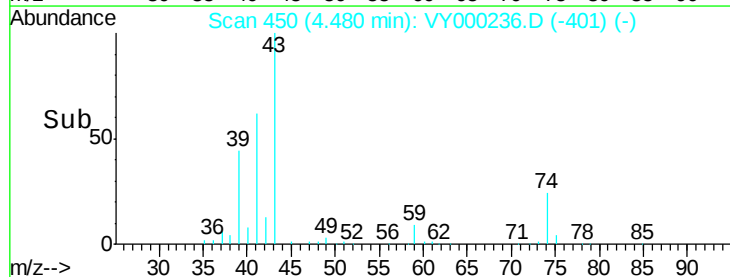
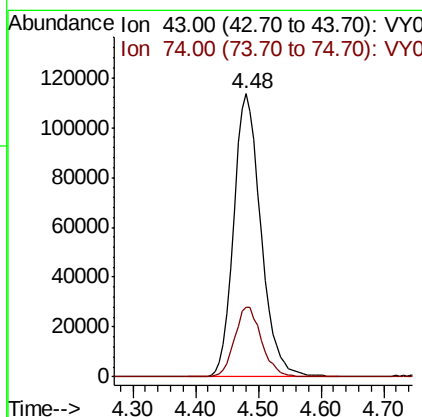
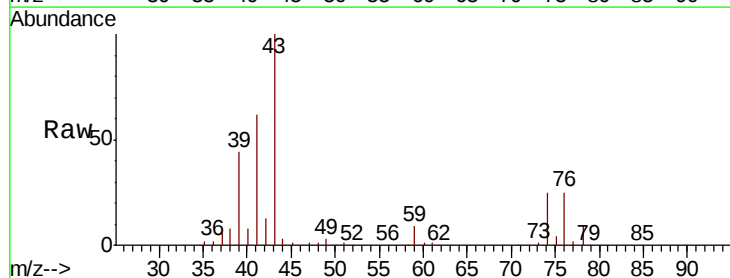
Manual Integrations
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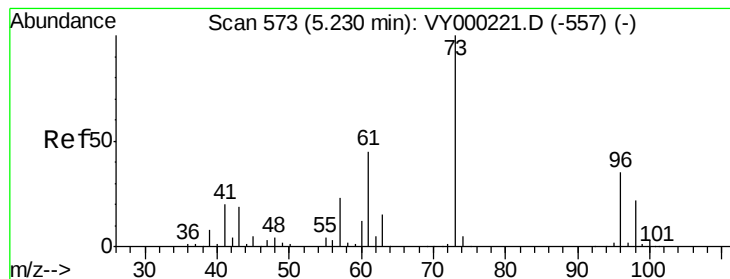
MMDadoda
10/11/2019 8:40:36 AM



#18
Methyl Acetate
Concen: 45.048 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion: 43 Resp: 341378
Ion Ratio Lower Upper
43 100
74 24.4 19.1 28.7





#19

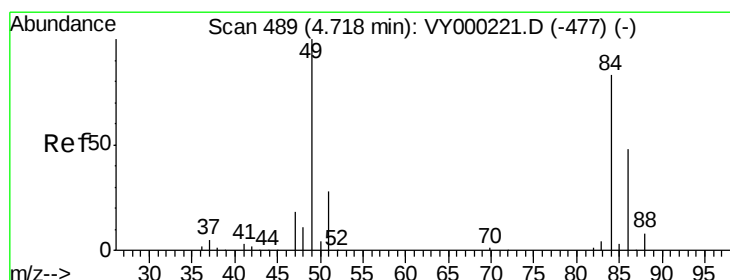
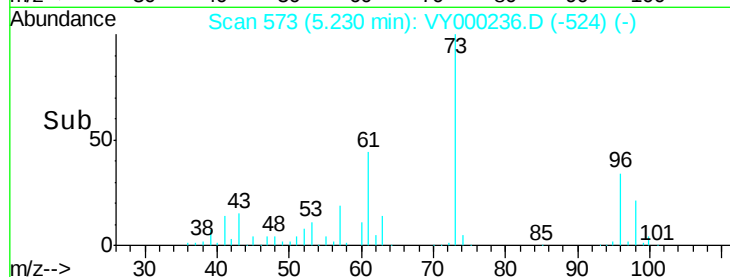
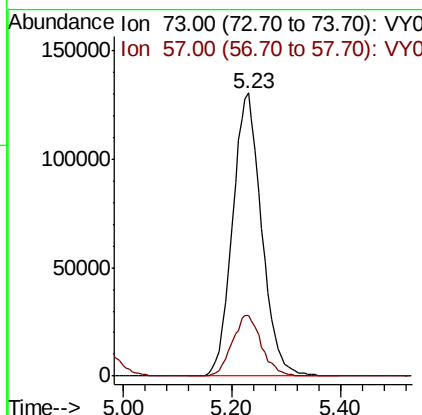
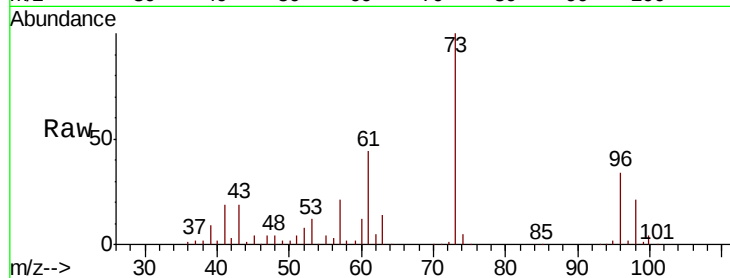
Methyl tert-butyl Ether
 Concen: 44.373 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	18.4	27.6

Manual Integrations
 APPROVED

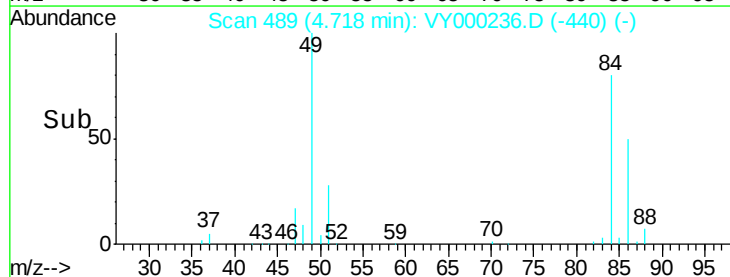
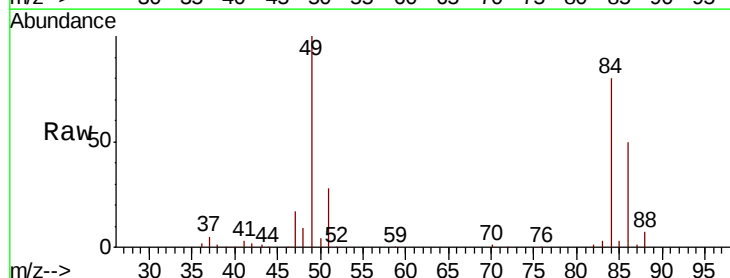
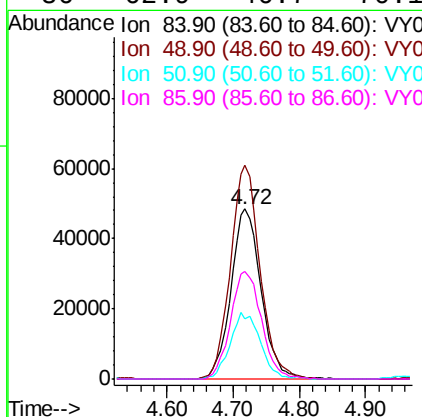
MMDadoda
 10/11/2019 8:40:36 AM

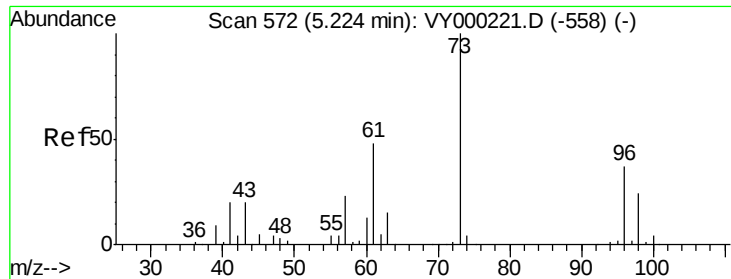


#20

Methylene Chloride
 Concen: 42.119 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.5	96.2	144.2
51	35.4	26.6	39.8
86	62.9	46.7	70.1





#21

trans-1,2-Dichloroethene

Concen: 45.225 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 151845

Ion Ratio Lower Upper

96 100

61 124.1 104.2 156.2

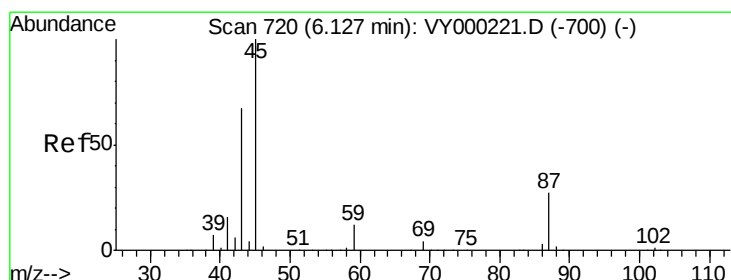
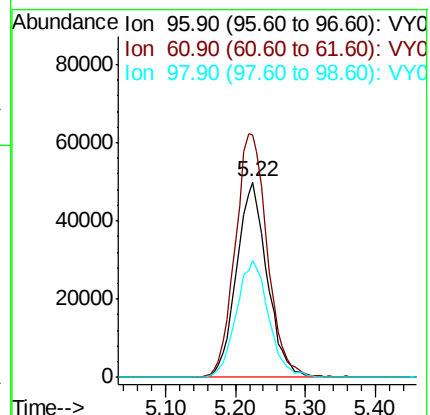
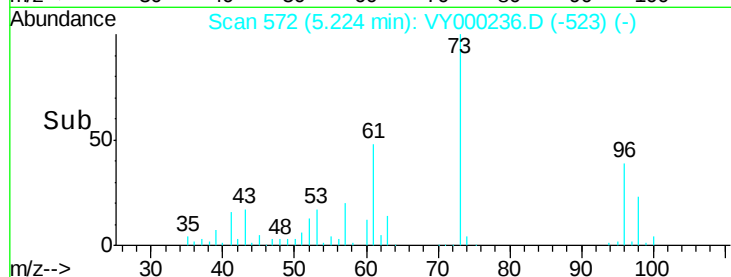
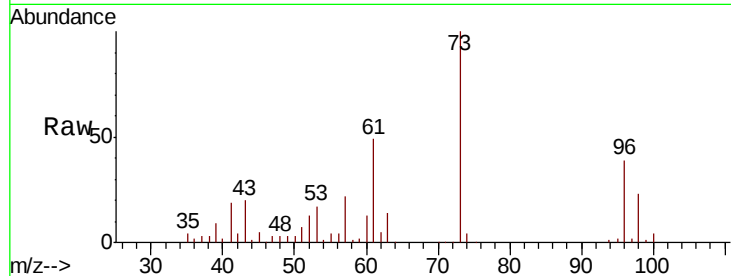
98 60.1 51.0 76.6

Manual Integrations

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MMDadoda

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#22

Diisopropyl ether

Concen: 44.096 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Tgt Ion: 45 Resp: 513792

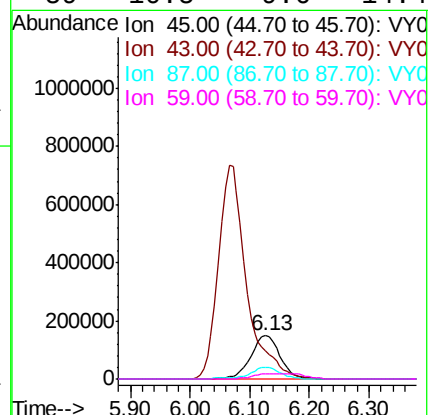
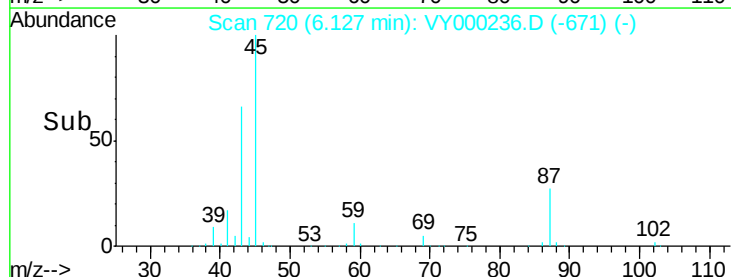
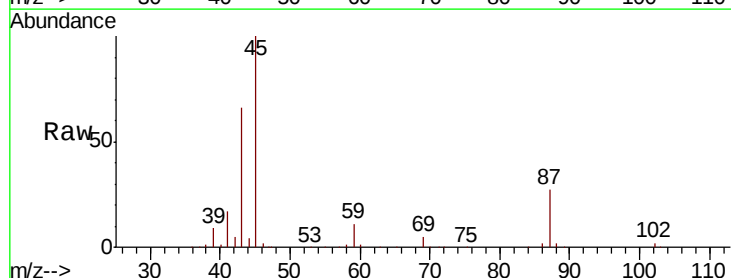
Ion Ratio Lower Upper

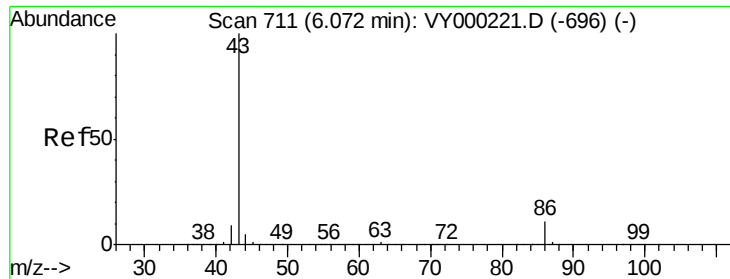
45 100

43 65.1 53.4 80.2

87 27.0 21.7 32.5

59 10.5 9.6 14.4





#23

Vinyl Acetate

Concen: 208.302 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2395837

Ion Ratio Lower Upper

43 100

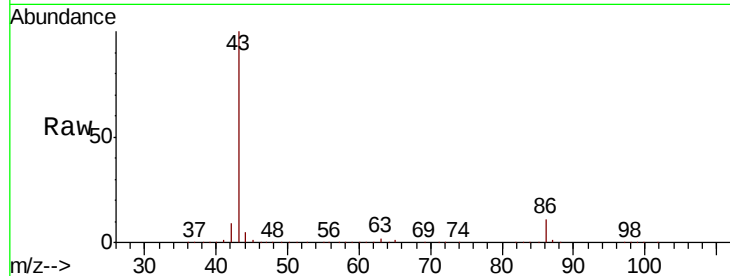
86 11.1 8.5 12.7

Manual Integrations

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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

800000

600000

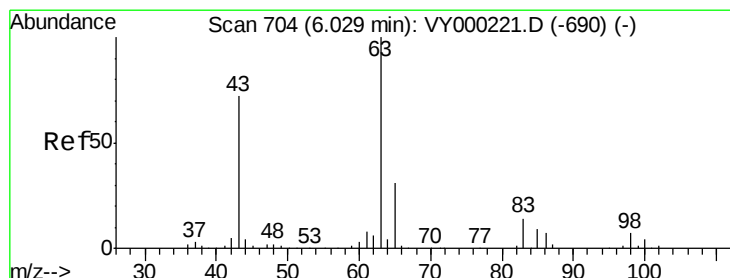
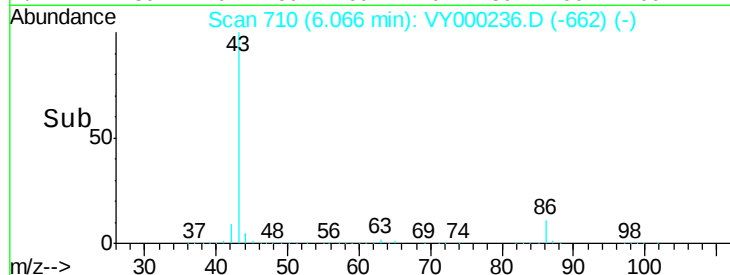
400000

200000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 43.749 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

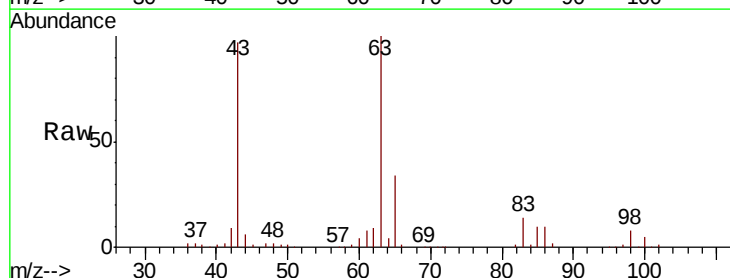
Tgt Ion: 63 Resp: 260015

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

100 4.8 2.1 6.5



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

100000

80000

60000

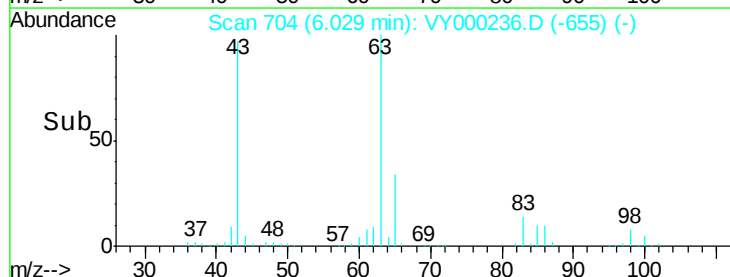
40000

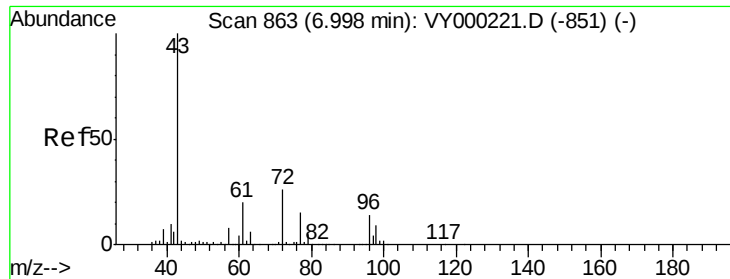
20000

0

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 225.200 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1152044

Ion Ratio Lower Upper

43 100

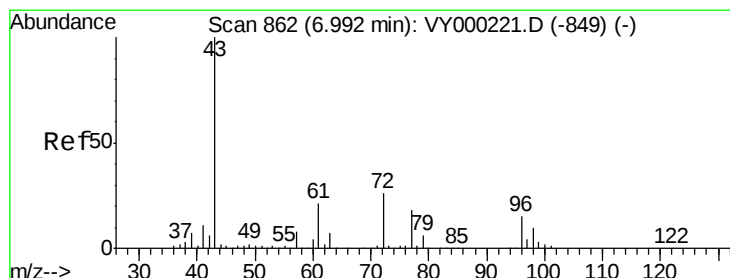
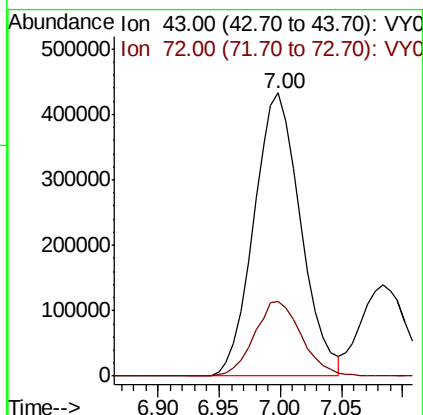
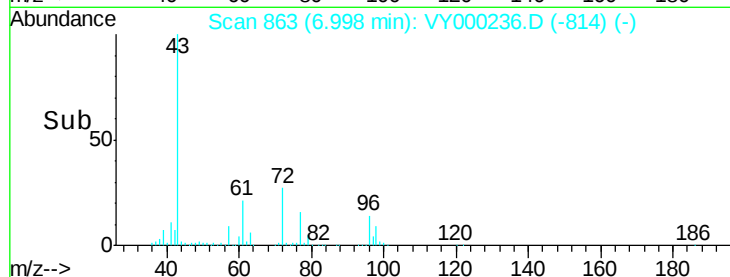
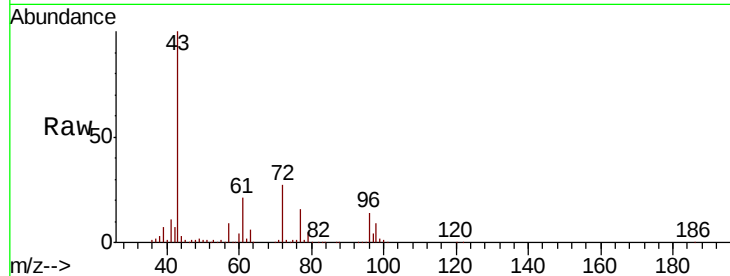
72 26.6 20.6 31.0

Manual Integrations

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MMDadoda

10/11/2019 8:40:36 AM



#26

2,2-Dichloropropane

Concen: 44.876 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000236.D

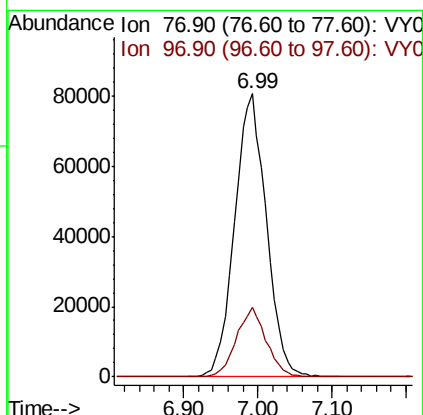
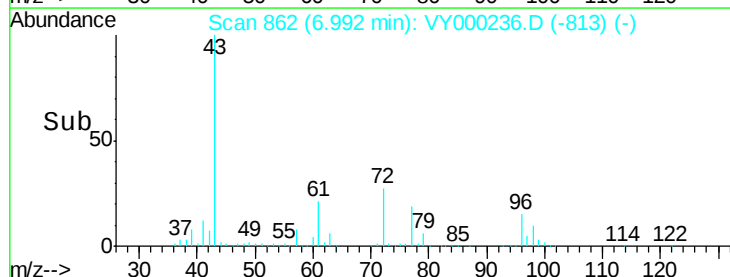
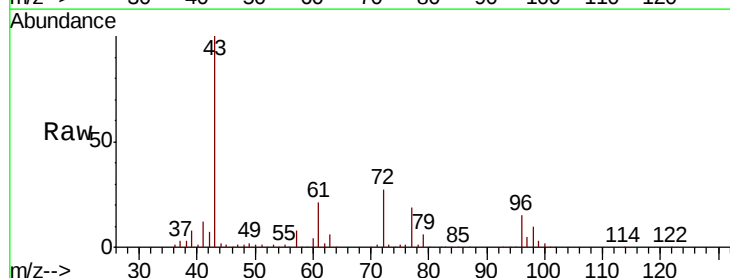
Acq: 09 Oct 2019 11:36

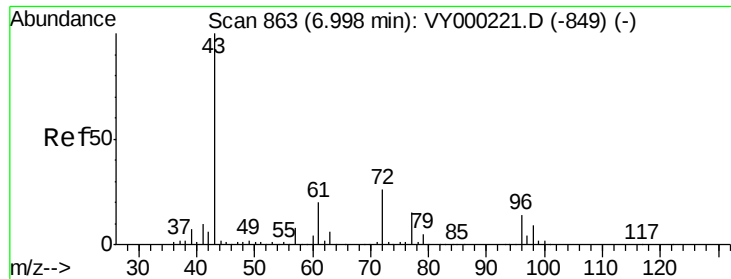
Tgt Ion: 77 Resp: 240761

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

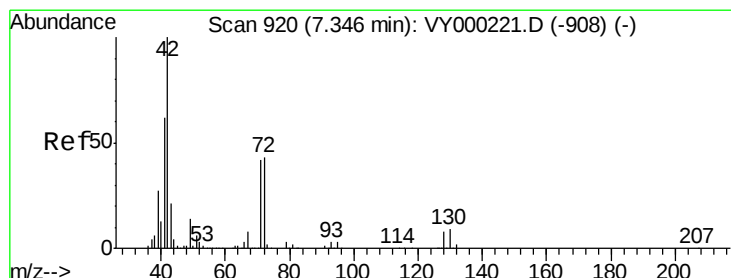
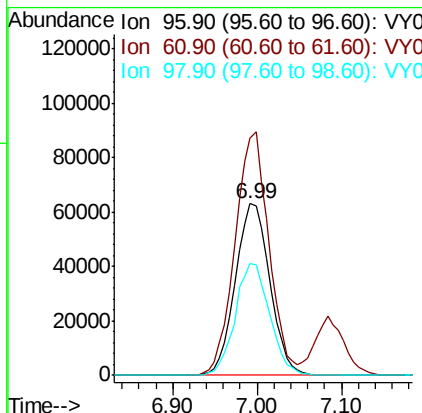
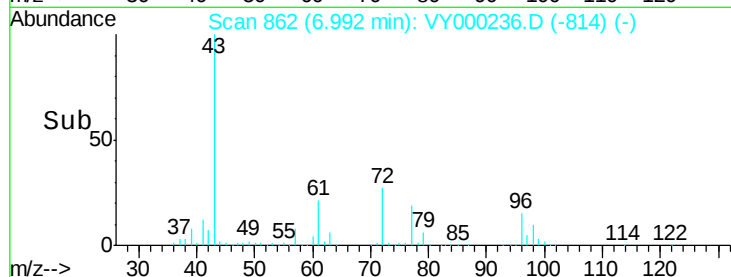
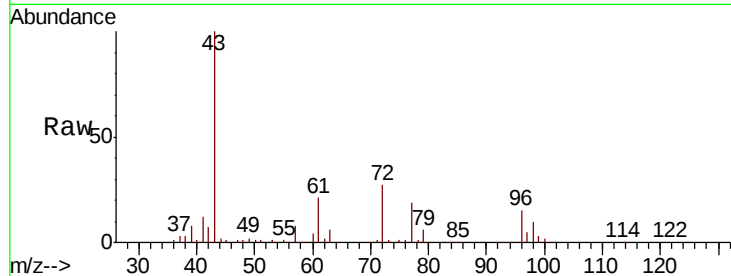
cis-1,2-Dichloroethene
Concen: 44.227 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	174913		
61	138.8	0.0	282.6	
98	64.8	0.0	129.8	

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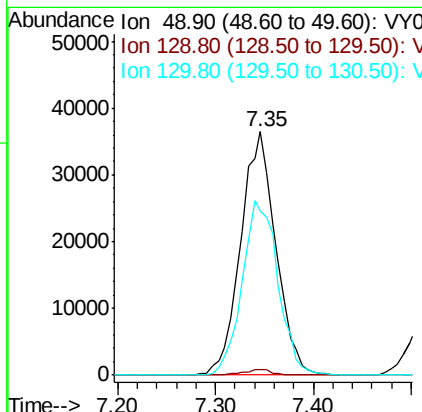
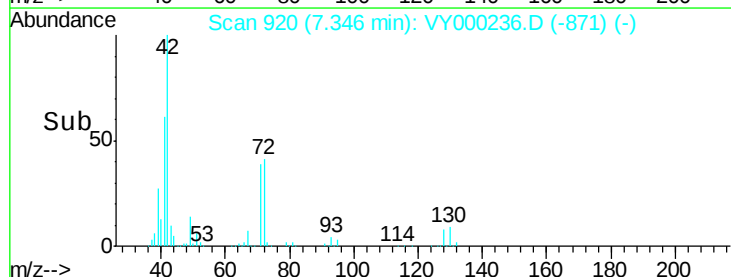
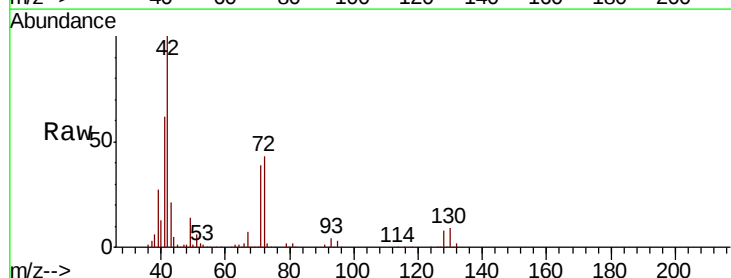
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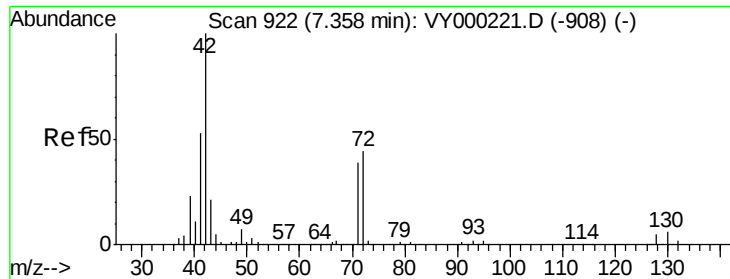


#28

Bromochloromethane
Concen: 46.292 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	90558		
129	2.0	0.0	3.2	
130	73.2	56.5	84.7	





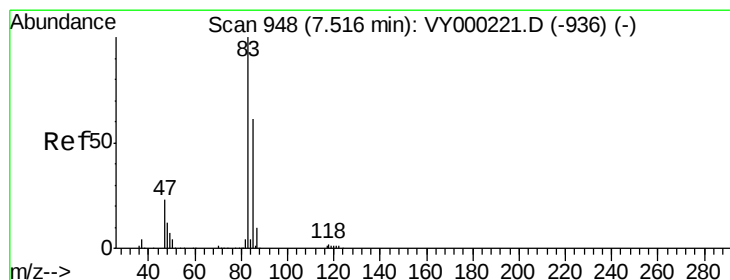
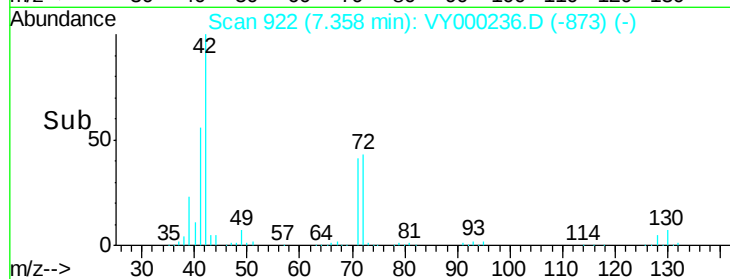
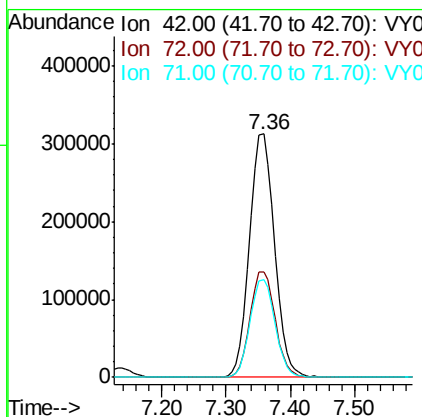
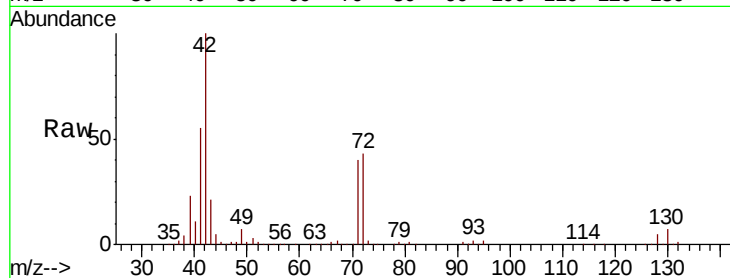
#29
Tetrahydrofuran
Concen: 230.033 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.6	51.8
71	40.2	31.9	47.9

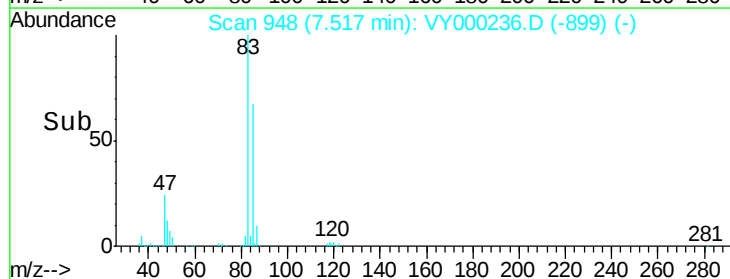
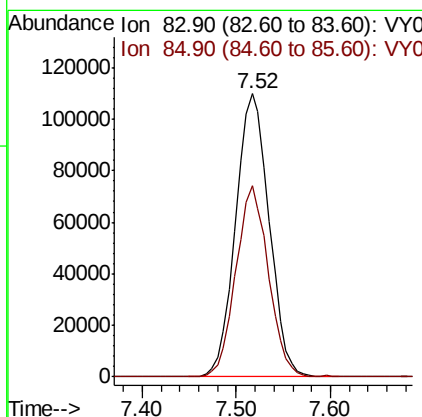
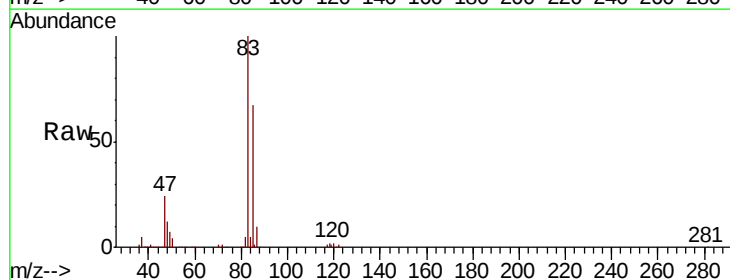
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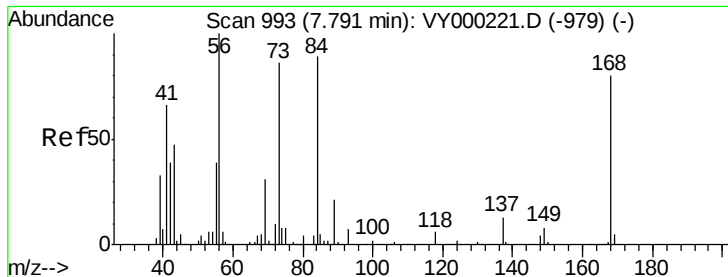
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#30
Chloroform
Concen: 44.020 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	48.9	73.3





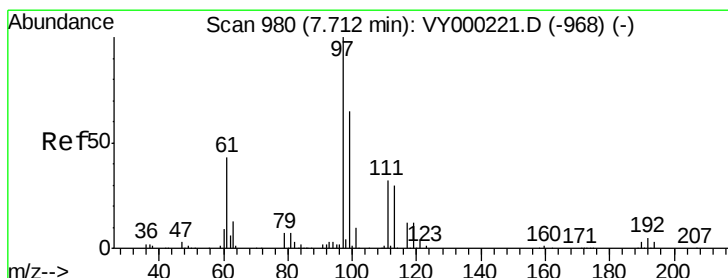
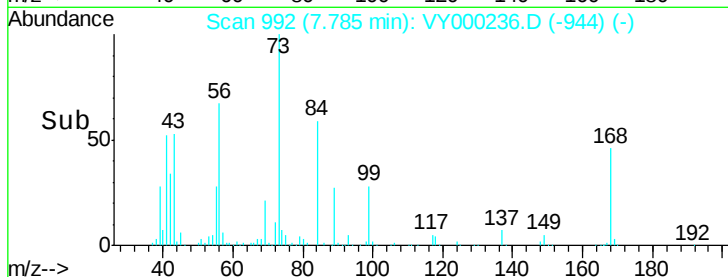
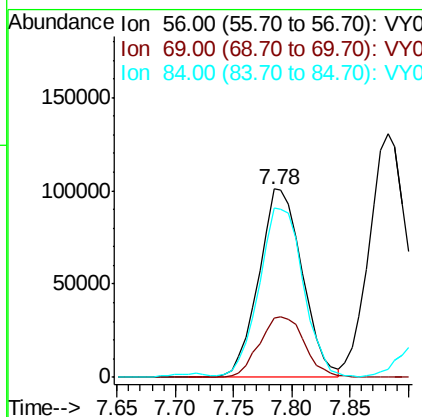
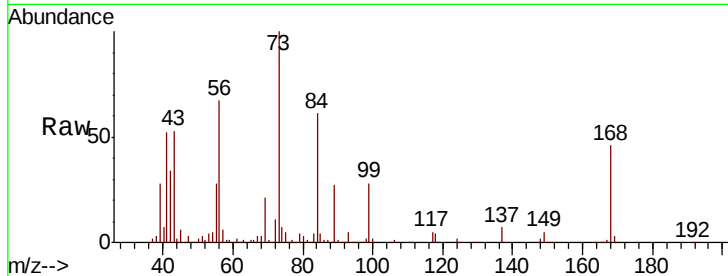
#31
Cyclohexane
Concen: 43.579 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.7	37.1
84	88.4	71.3	106.9

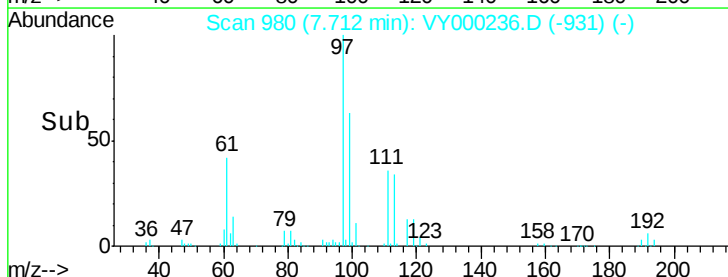
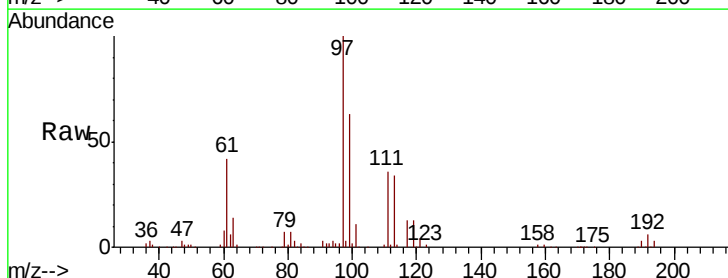
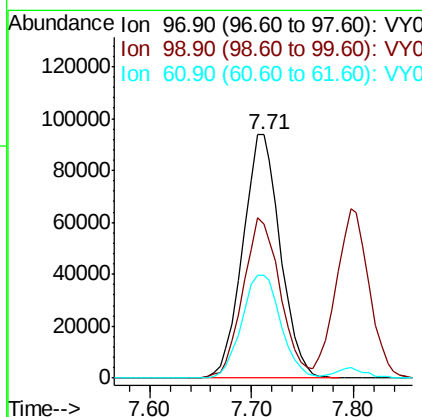
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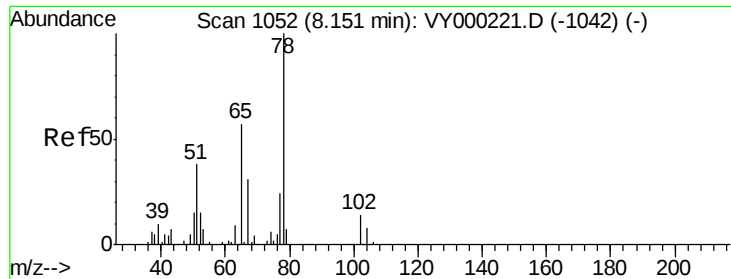
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#32
1,1,1-Trichloroethane
Concen: 45.719 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.4	77.2
61	44.1	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 44.044 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 153781

Ion Ratio Lower Upper

65 100

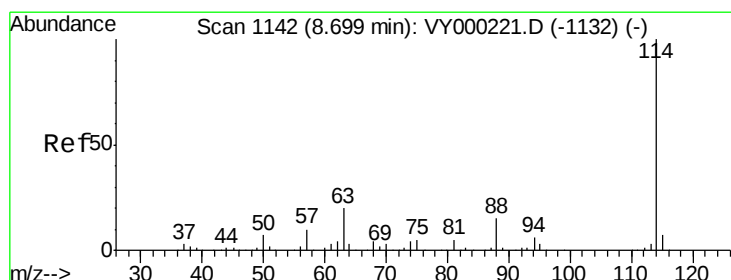
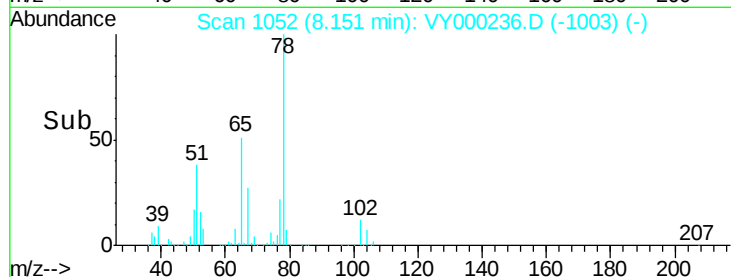
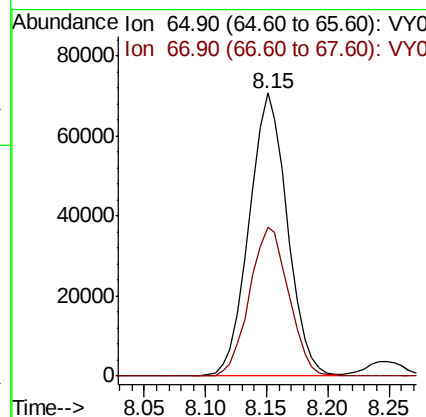
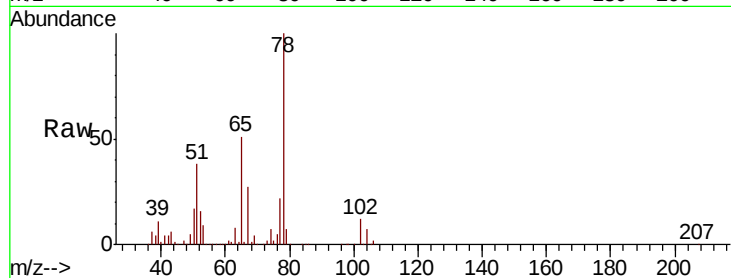
67 54.1 0.0 109.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

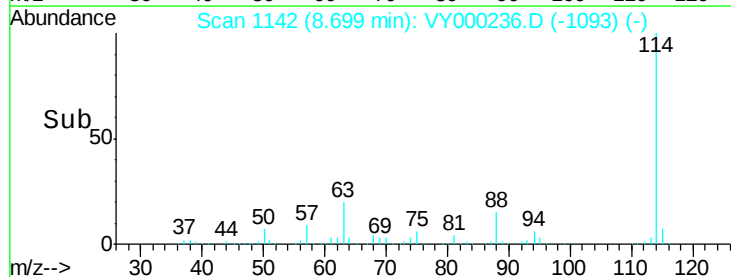
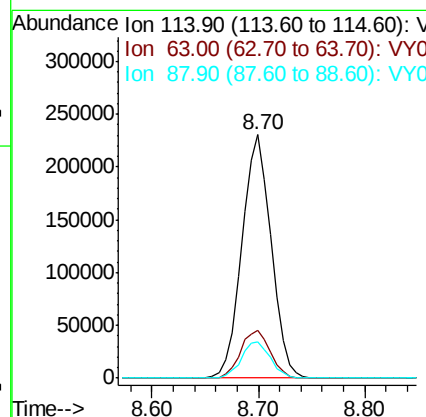
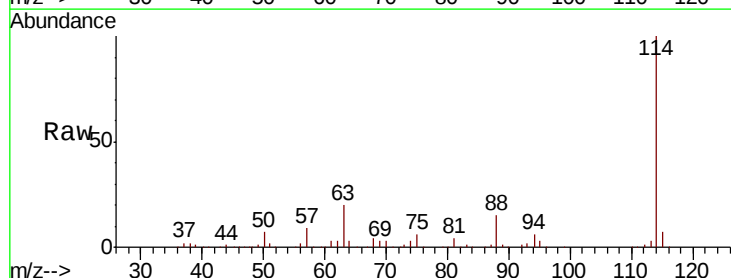
Tgt Ion: 114 Resp: 445238

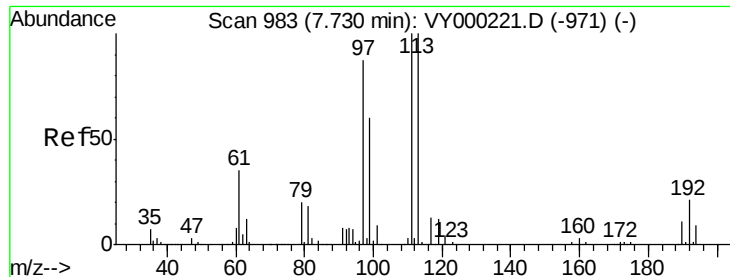
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.443 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

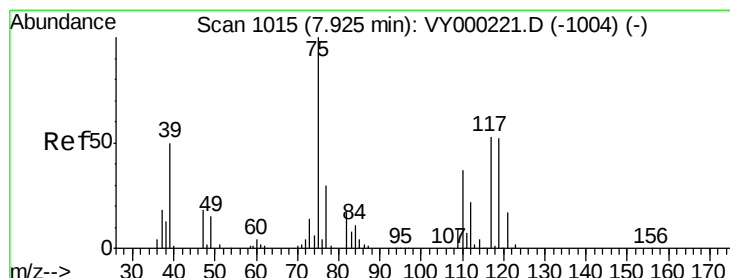
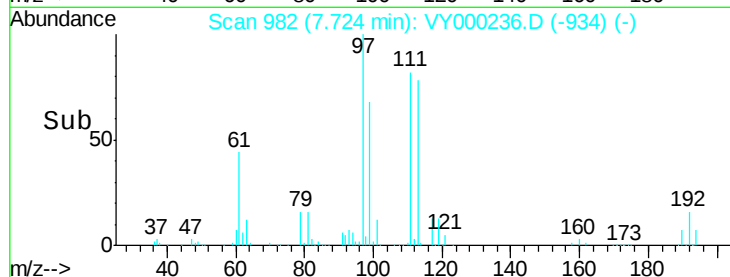
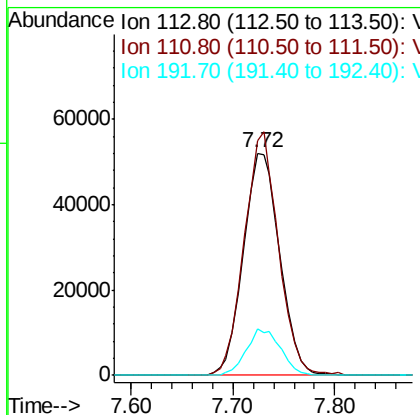
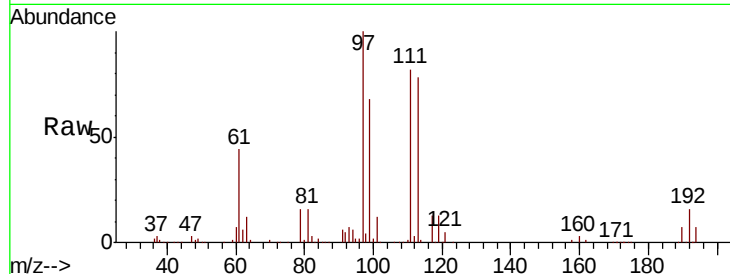
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	128840
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.6	124.0
192	19.7	15.8	23.8

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#36

1,1-Dichloropropene

Concen: 46.450 ug/l

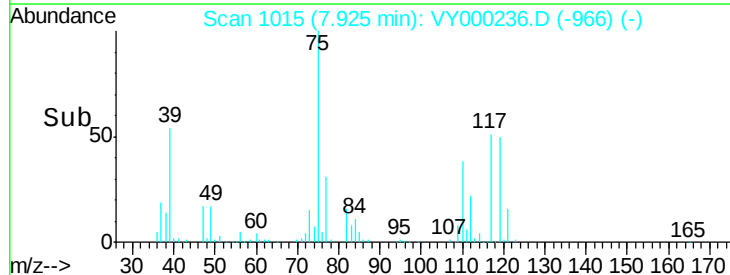
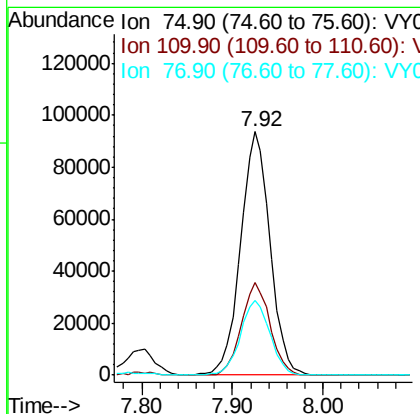
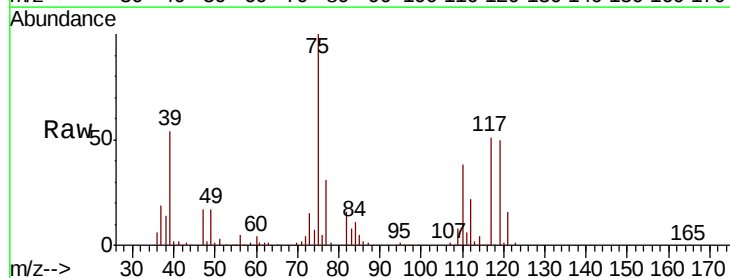
RT: 7.92 min Scan# 1015

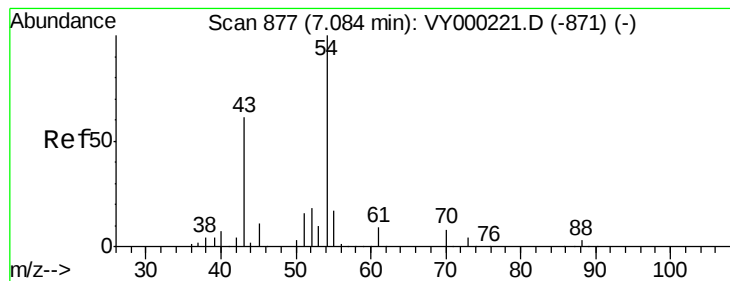
Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Tgt Ion:	75	Resp:	210430
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.4	55.2
77	31.0	24.7	37.1





#37

Ethyl Acetate

Concen: 45.697 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

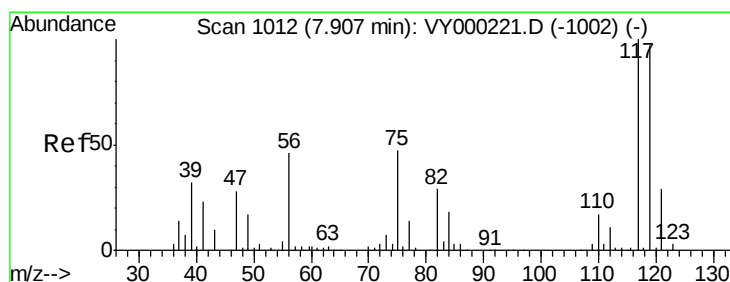
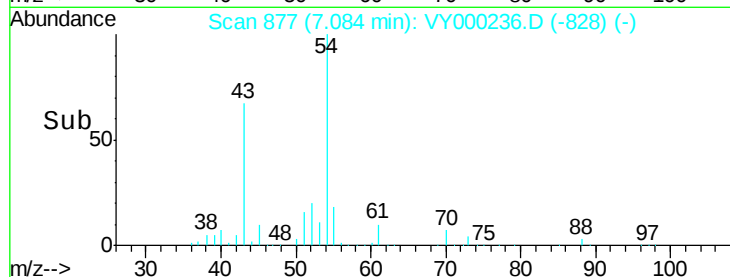
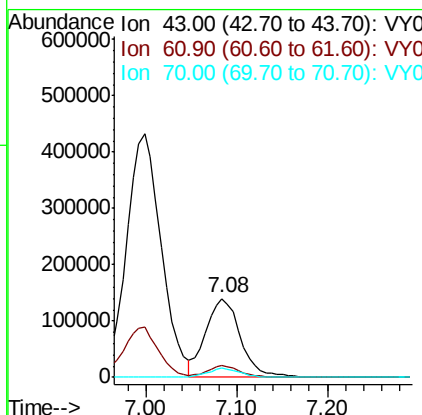
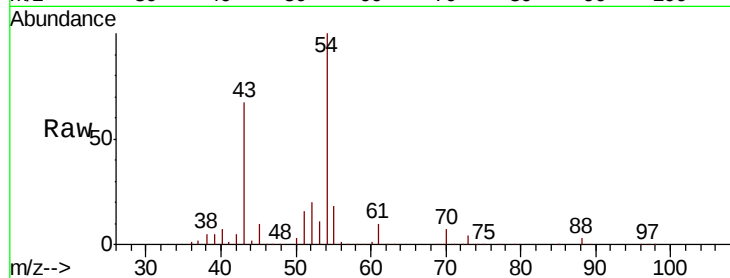
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	374252
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.1	16.7
70	10.6	8.5	12.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.412 ug/l

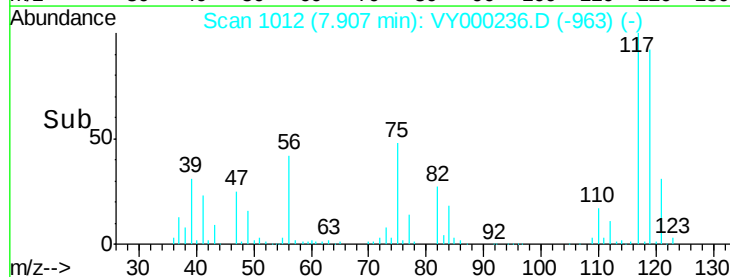
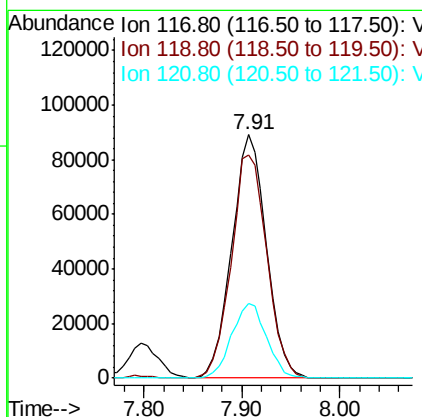
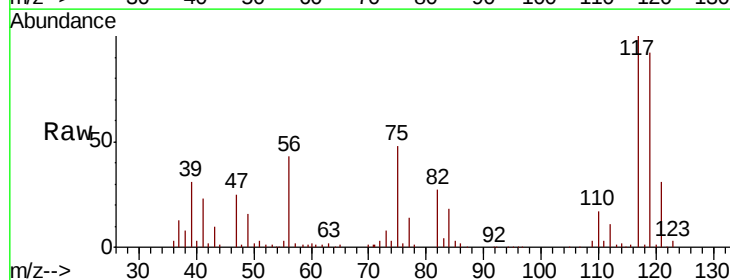
RT: 7.91 min Scan# 1012

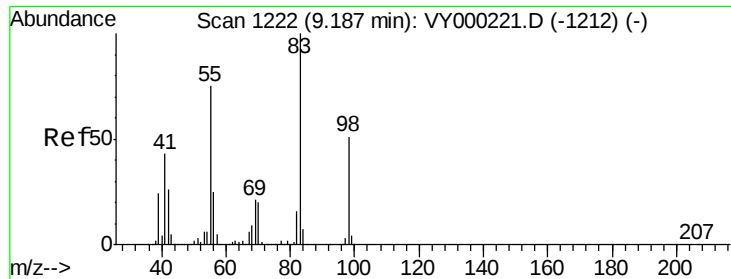
Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Tgt Ion:	117	Resp:	218173
Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.2	115.8
121	30.5	23.1	34.7





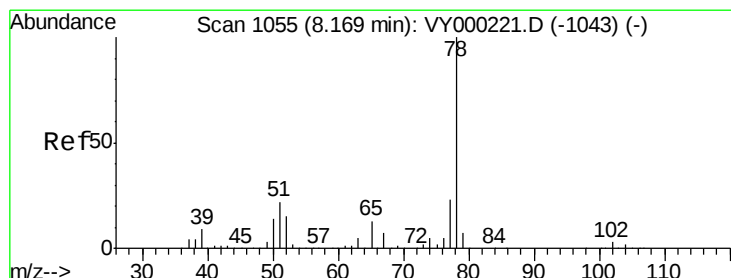
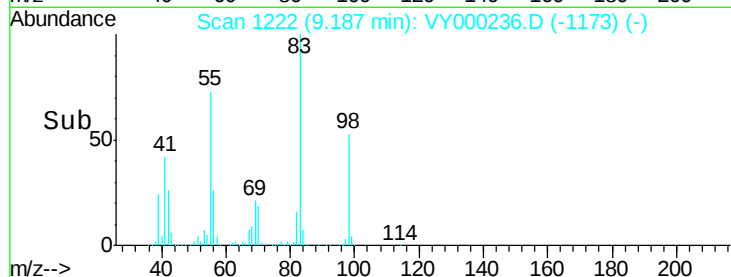
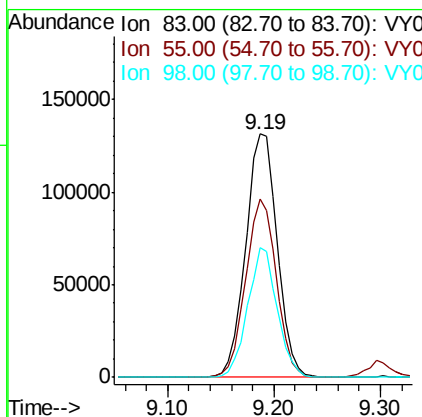
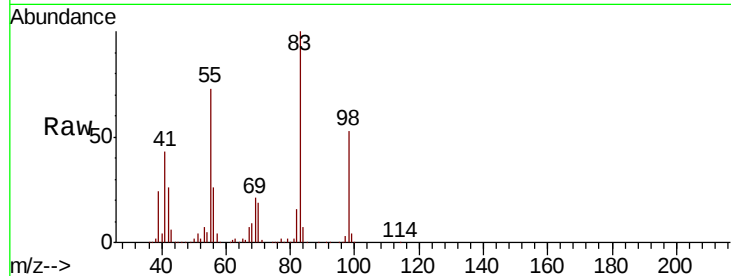
#39
Methvlcvclohexane
Concen: 48.206 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	60.2	90.4
98	53.2	40.5	60.7

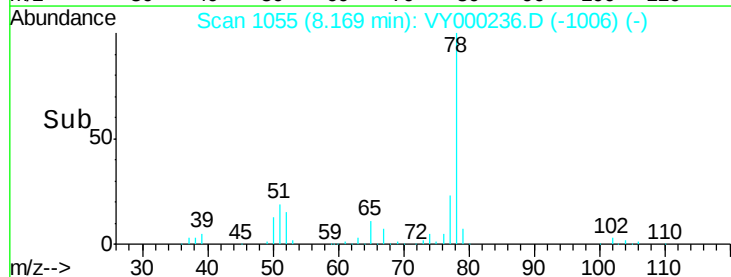
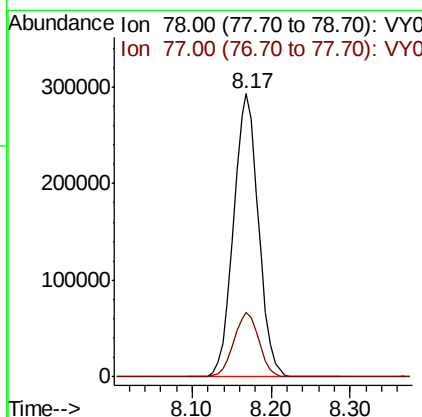
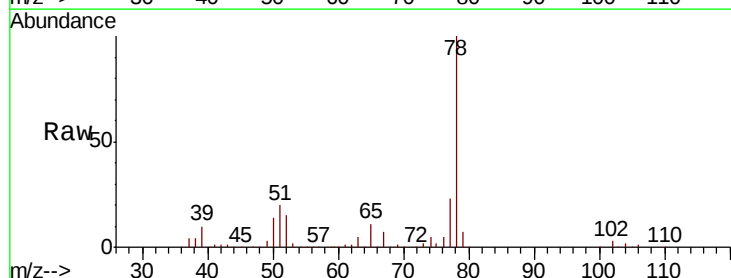
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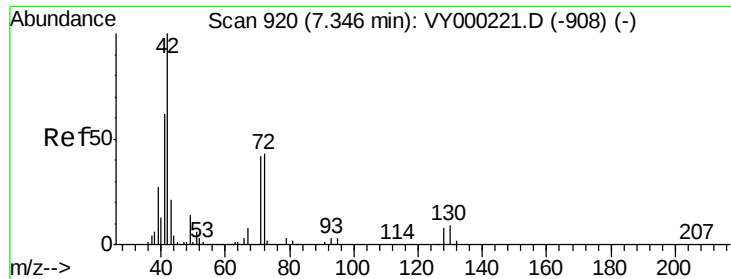
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#40
Benzene
Concen: 46.580 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	28.0





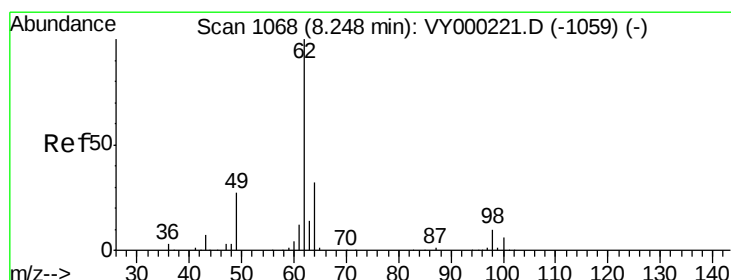
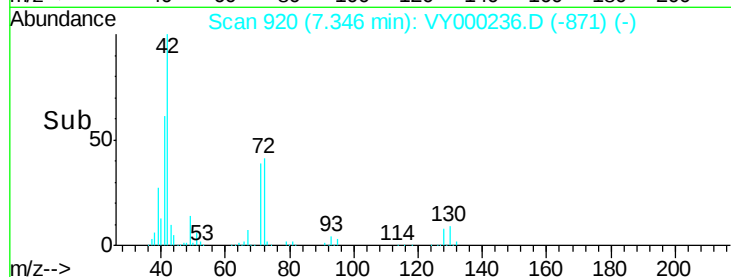
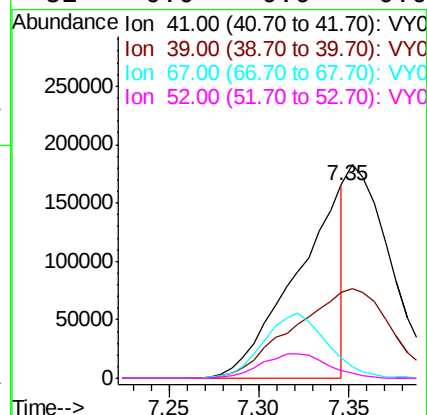
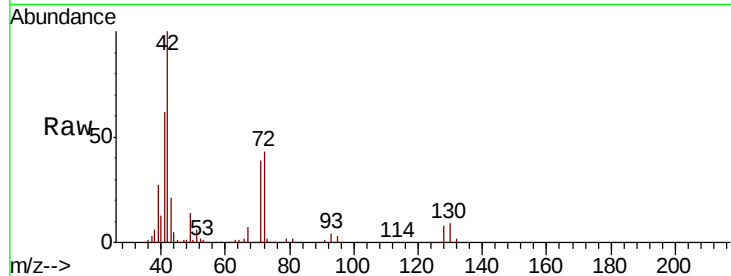
#41
Methacrylonitrile
Concen: 49.947 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	321969
Ion	Ratio	Lower	Upper
41	100		
39	89.5	74.7	112.1
67	0.0	0.0	0.0
52	0.0	0.0	0.0

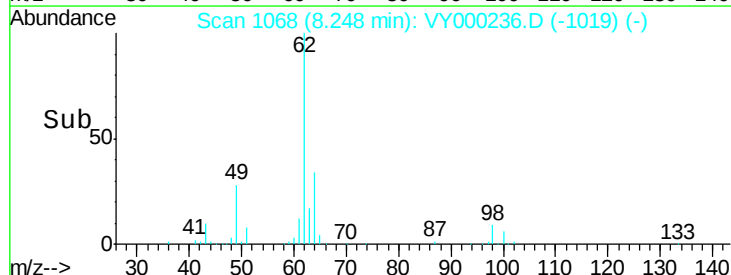
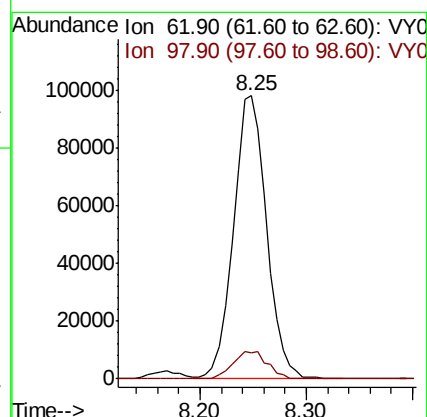
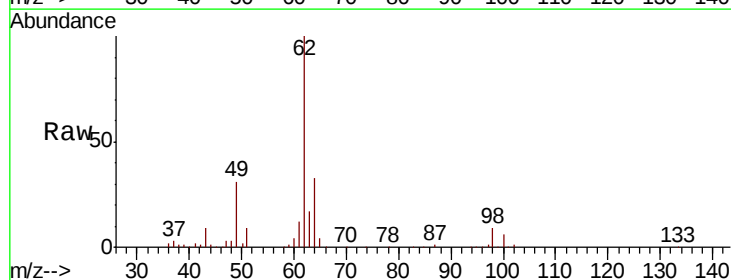
Manual Integrations
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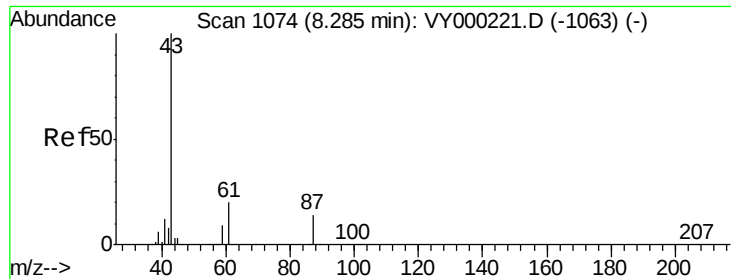
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.925 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	62	Resp	213922
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0





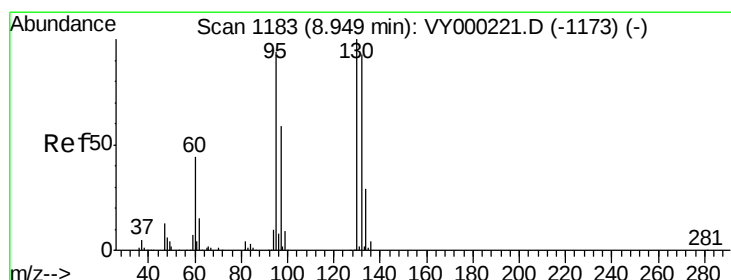
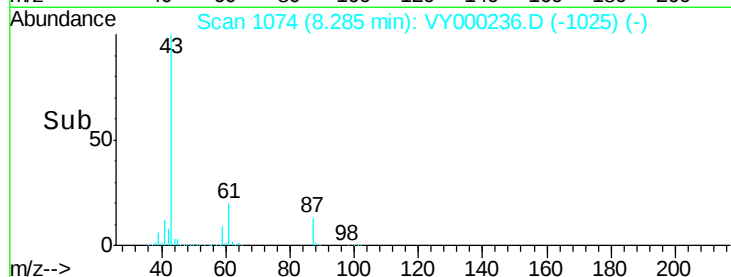
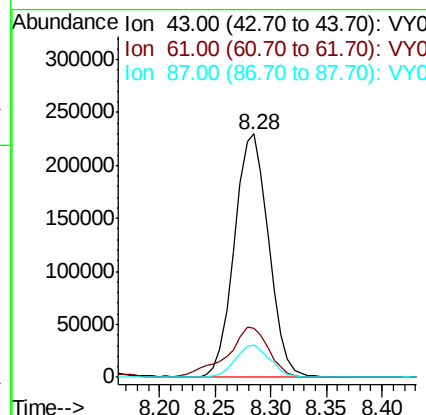
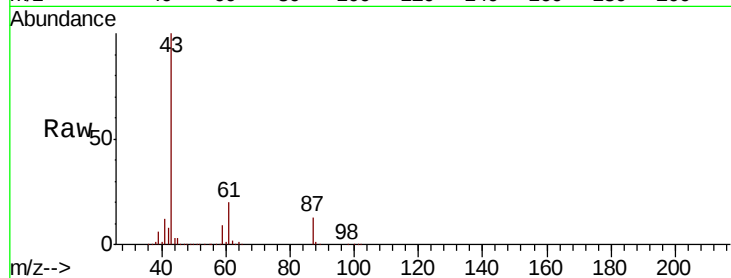
#43
Isopropyl Acetate
Concen: 46.361 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.1	20.1	30.1
87	13.5	10.6	15.8

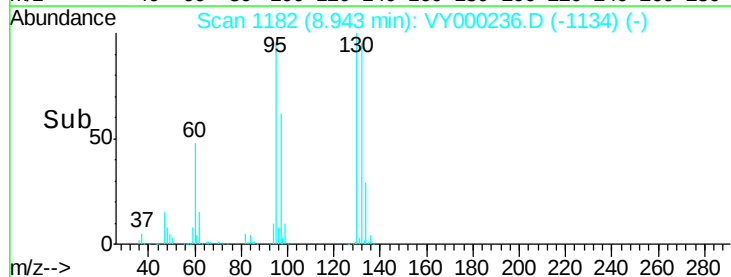
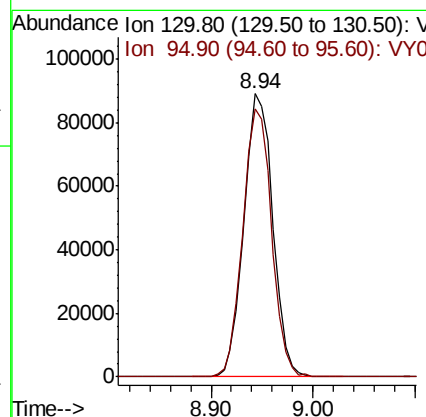
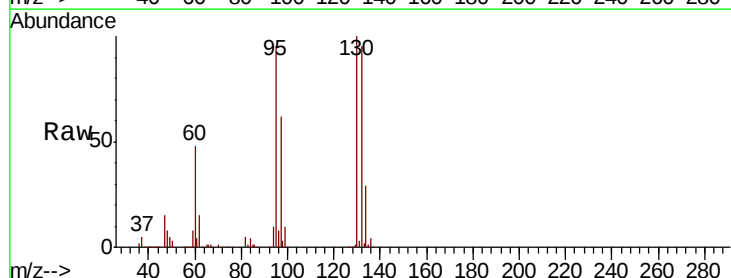
Manual Integrations
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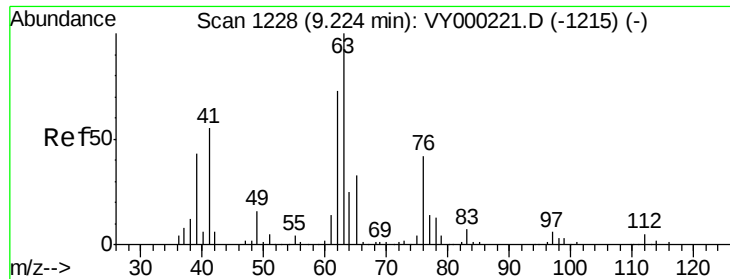
MMDadoda
10/11/2019 8:40:36 AM



#44
Trichloroethene
Concen: 47.071 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	189.0





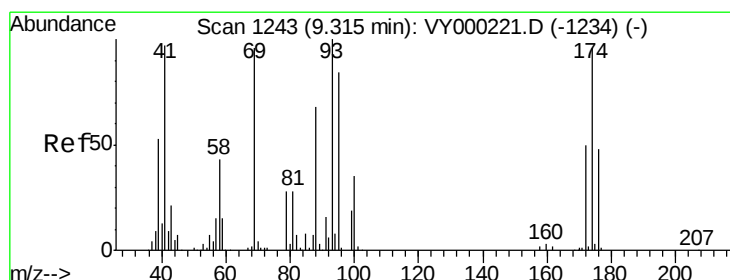
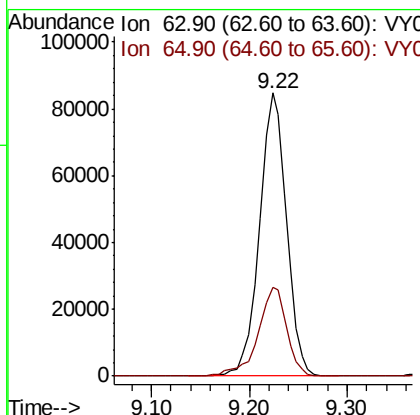
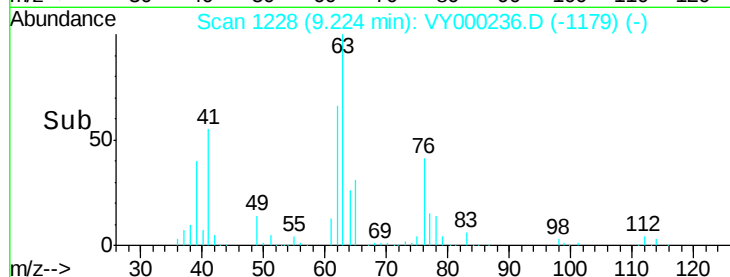
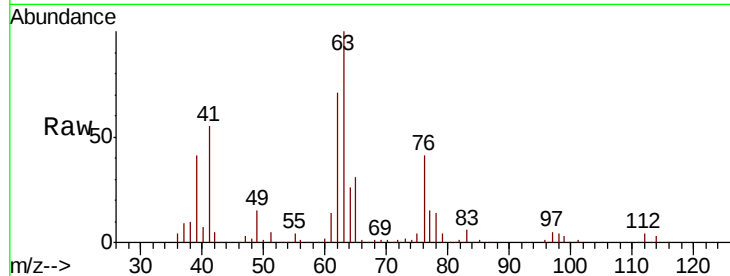
#45
 1,2-Dichloropropane
 Concen: 47.164 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 162348
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.6 39.8

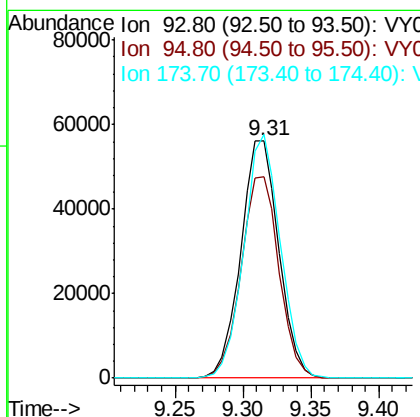
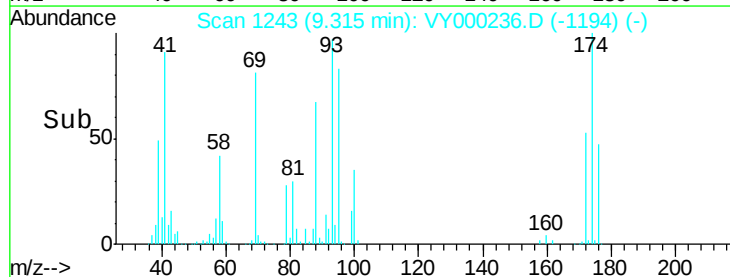
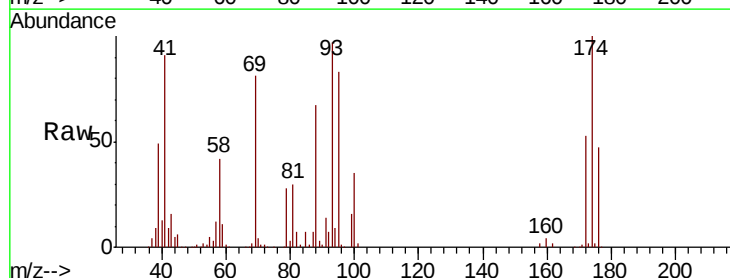
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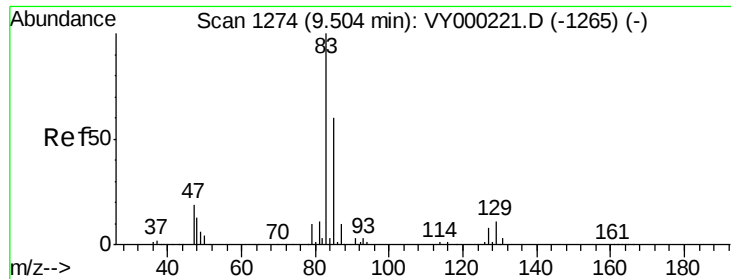
MMDadoda
 10/11/2019 8:40:36 AM



#46
 Dibromomethane
 Concen: 45.422 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 93 Resp: 109610
 Ion Ratio Lower Upper
 93 100
 95 85.0 67.0 100.6
 174 98.7 77.5 116.3





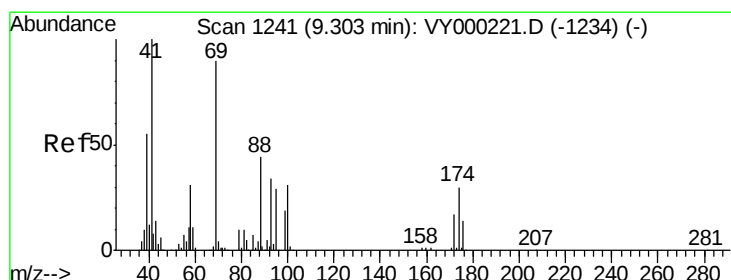
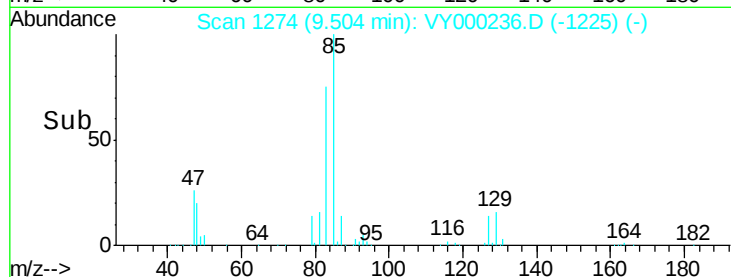
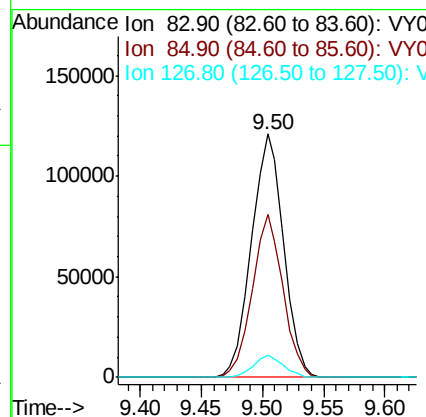
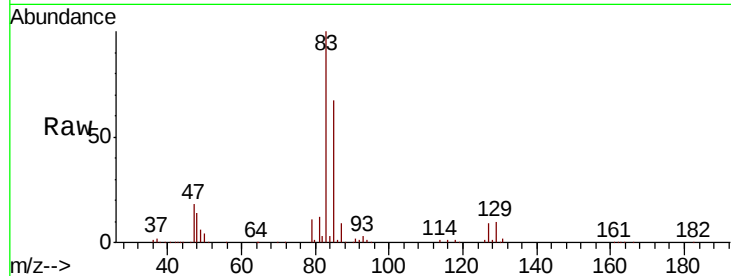
#47
Bromodichloromethane
Concen: 46.672 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	220304		
85	67.1		48.0	72.0
127	9.1		6.5	9.7

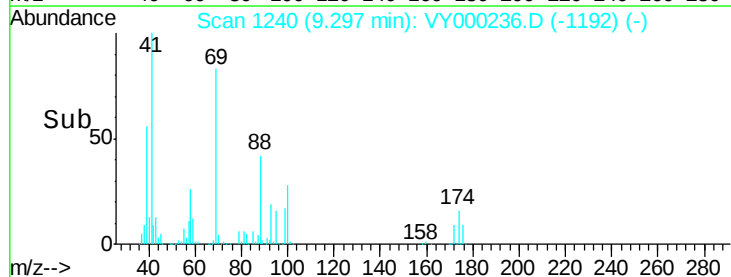
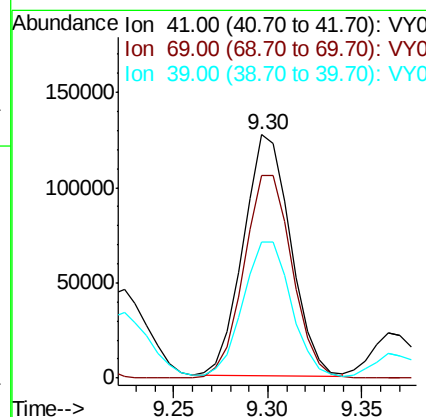
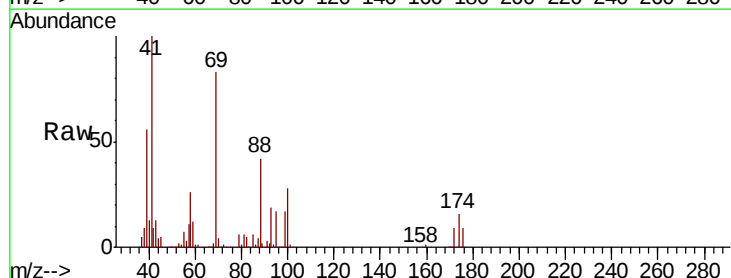
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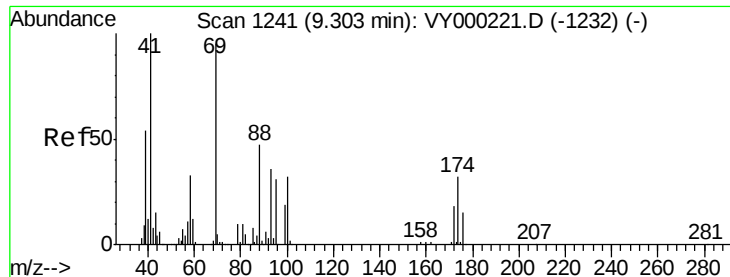
MMDadoda
10/11/2019 8:40:36 AM



#48
Methyl methacrylate
Concen: 46.555 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	221516		
69	85.6		70.3	105.5
39	58.4		45.5	68.3





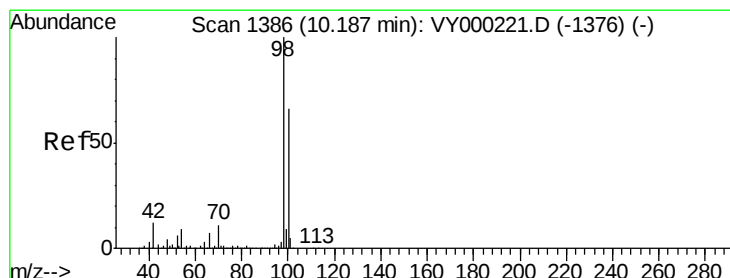
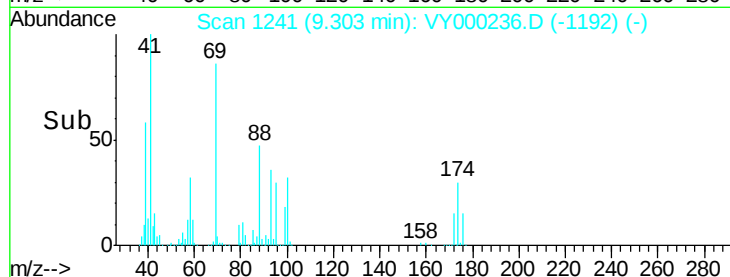
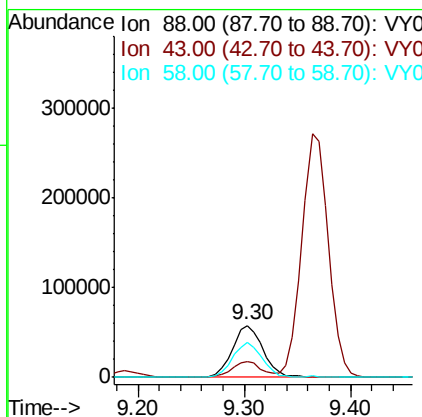
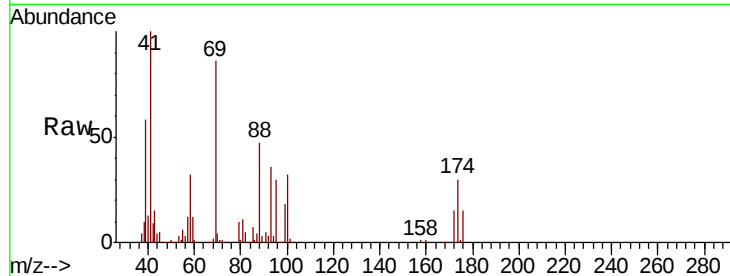
#49
1,4-Dioxane
Concen: 945.998 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.5	36.7
58	65.5	54.2	81.2

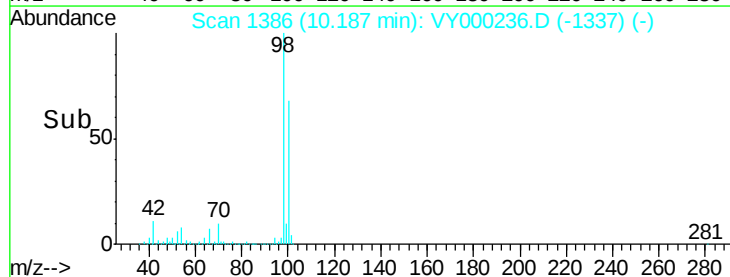
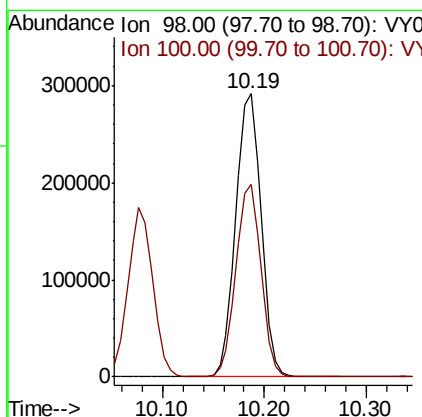
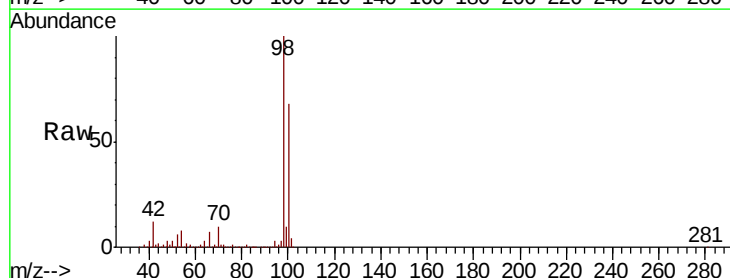
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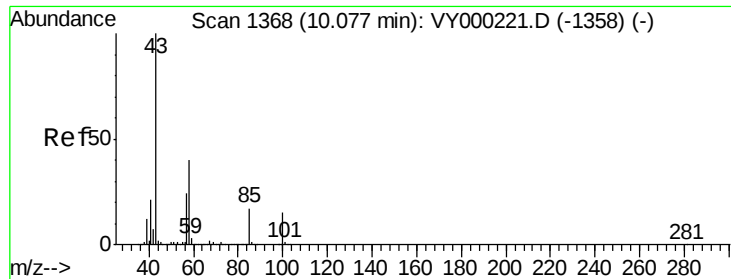
MMDadoda
10/11/2019 8:40:36 AM



#50
Toluene-d8
Concen: 46.118 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 244.129 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1934094

Ion Ratio Lower Upper

43 100

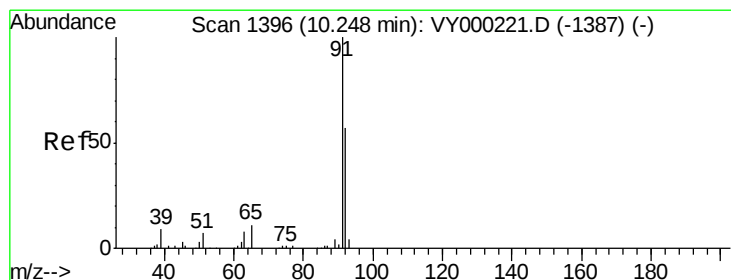
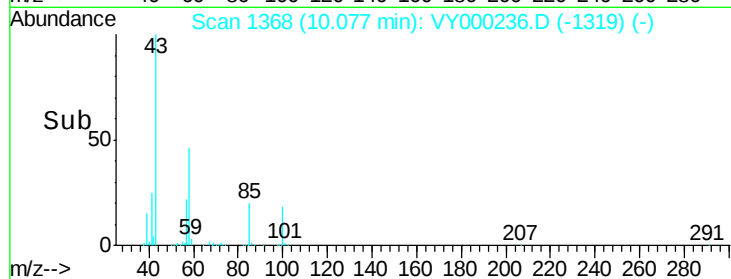
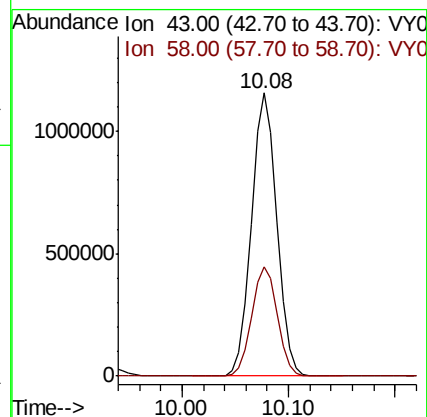
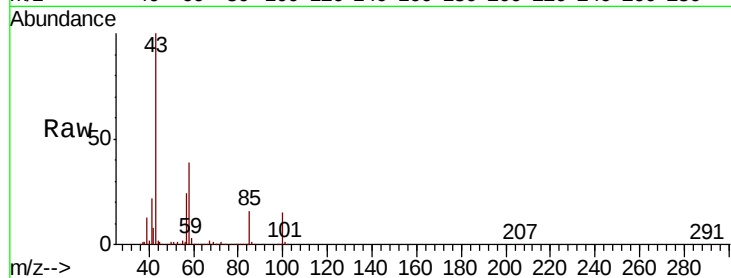
58 39.0 31.7 47.5

Manual Integrations

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MMDadoda

10/11/2019 8:40:36 AM



#52

Toluene

Concen: 47.204 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000236.D

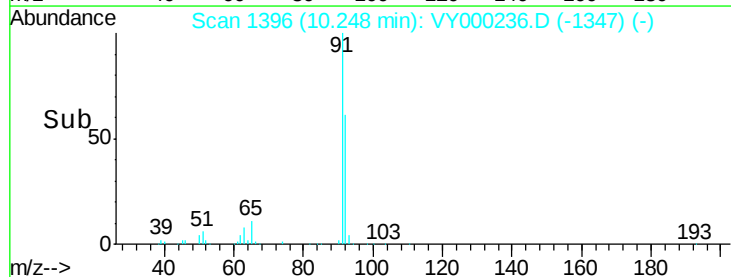
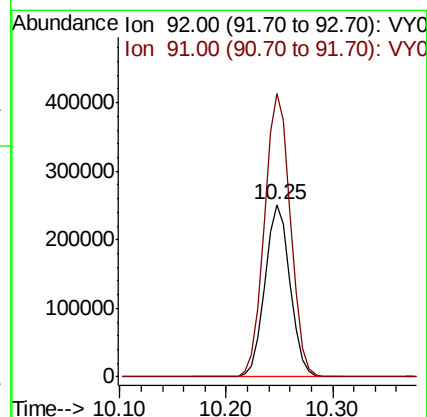
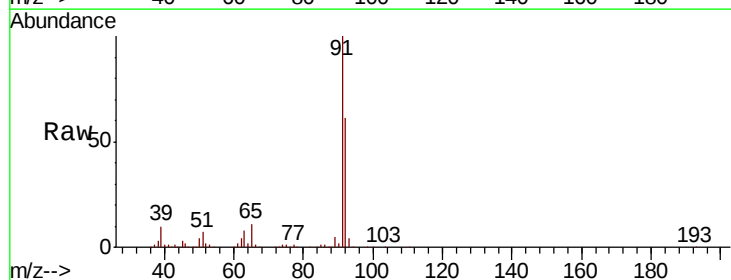
Acq: 09 Oct 2019 11:36

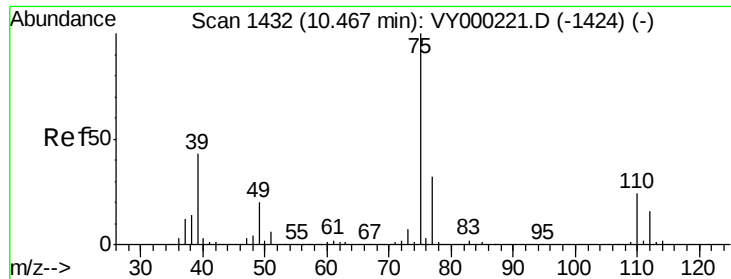
Tgt Ion: 92 Resp: 416066

Ion Ratio Lower Upper

92 100

91 169.8 139.1 208.7





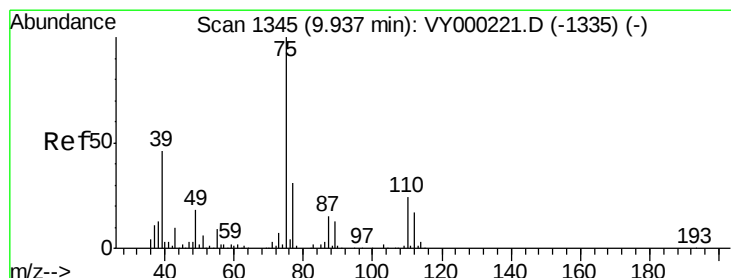
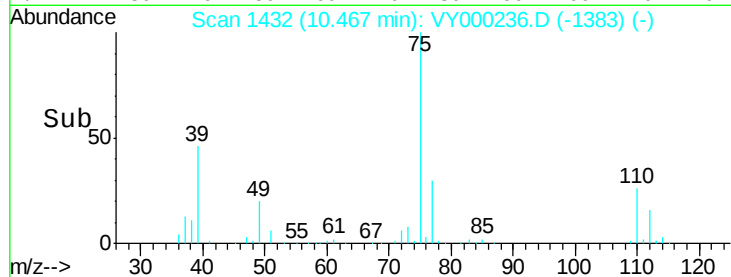
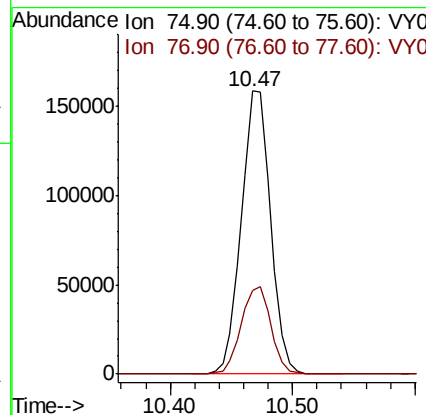
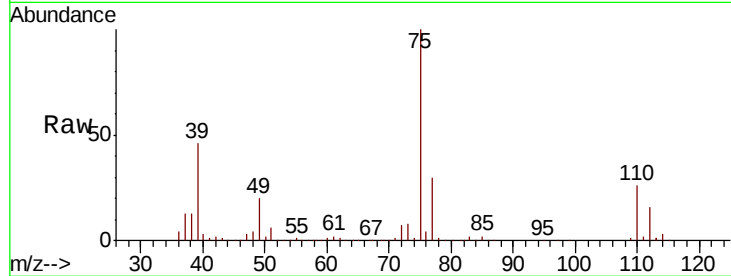
#53
 t-1,3-Dichloropropene
 Concen: 48.936 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 262064
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.3 37.9

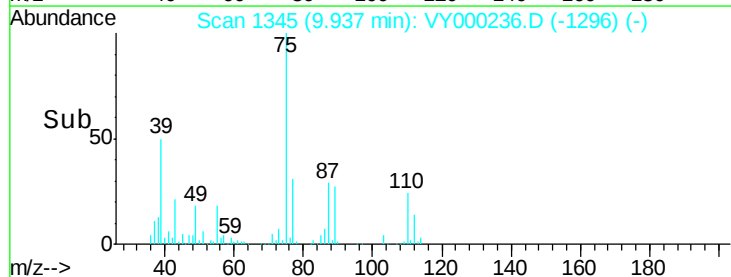
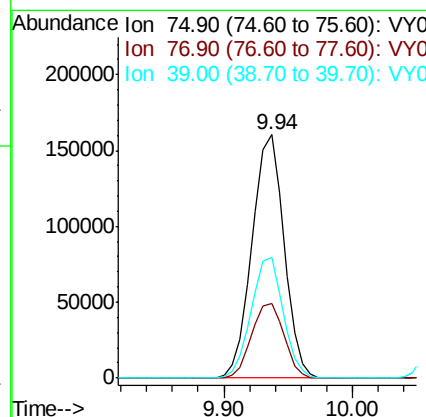
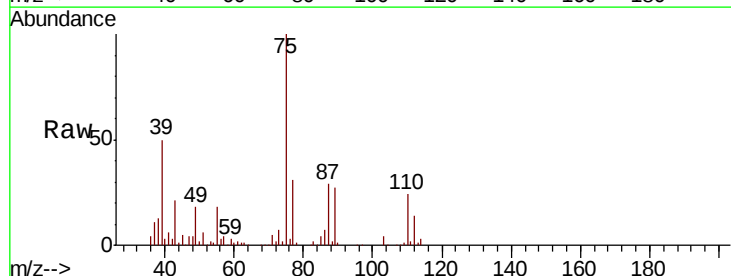
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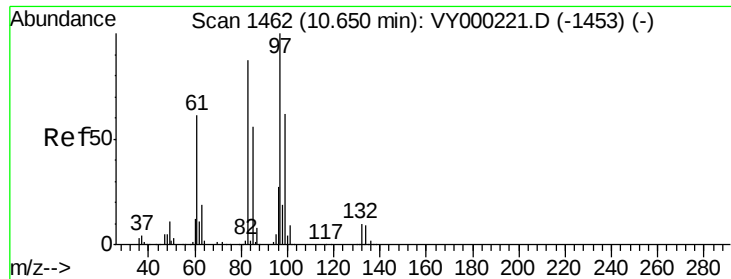
MMDadoda
 10/11/2019 8:40:36 AM



#54
 cis-1,3-Dichloropropene
 Concen: 47.474 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 75 Resp: 275095
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4
 39 49.5 36.3 54.5





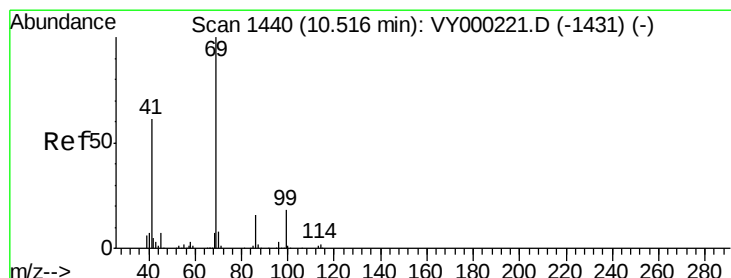
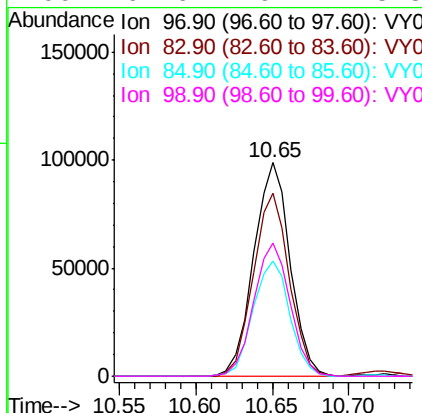
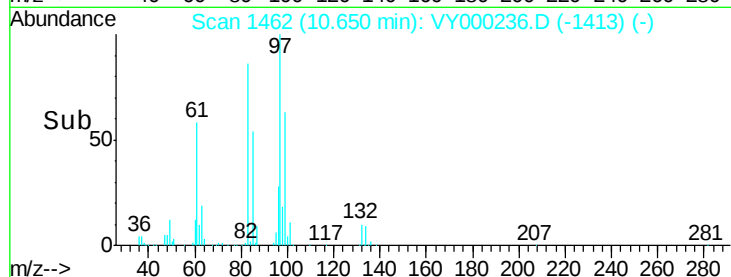
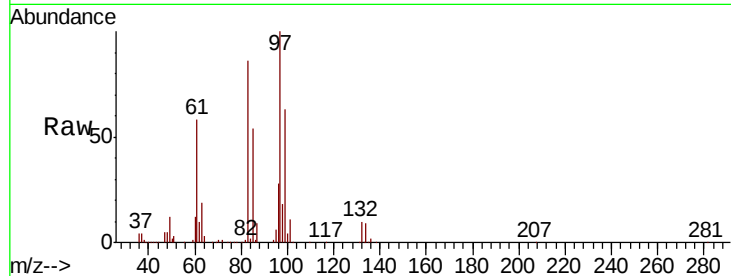
#55
 1,1,2-Trichloroethane
 Concen: 47.017 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		163409		
83	85.9	69.4	104.0		
85	53.9	44.6	66.8		
99	62.6	49.2	73.8		

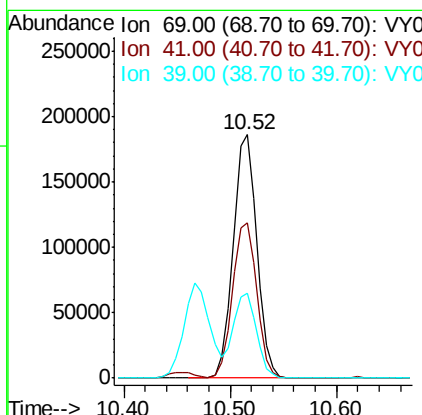
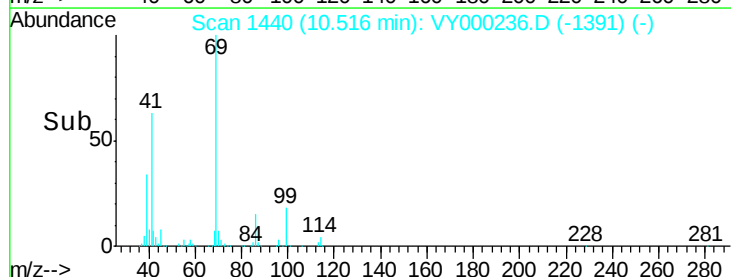
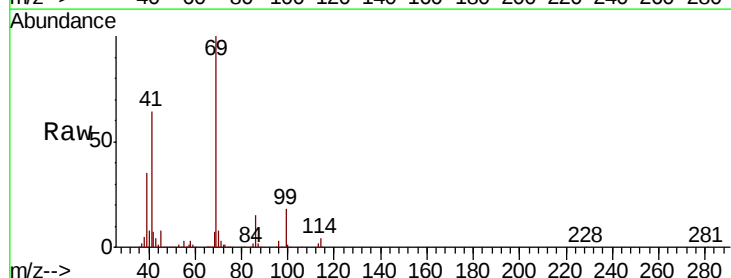
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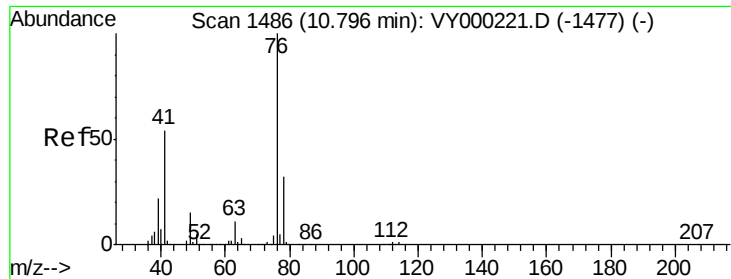
MMDadoda
 10/11/2019 8:40:36 AM



#56
 Ethyl methacrylate
 Concen: 47.455 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		290371		
41	65.5	51.2	76.8		
39	34.8	27.0	40.4		





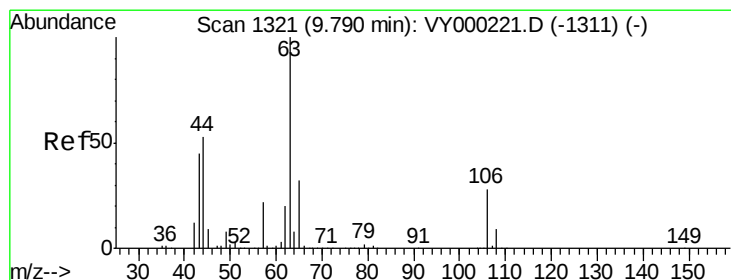
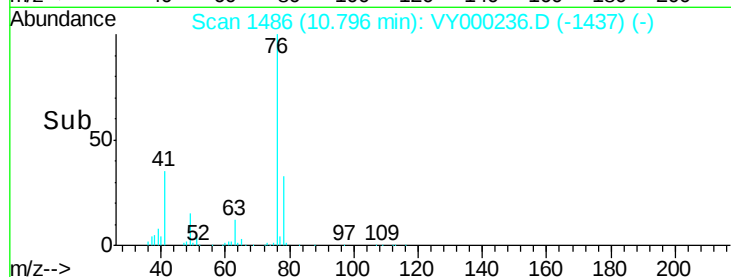
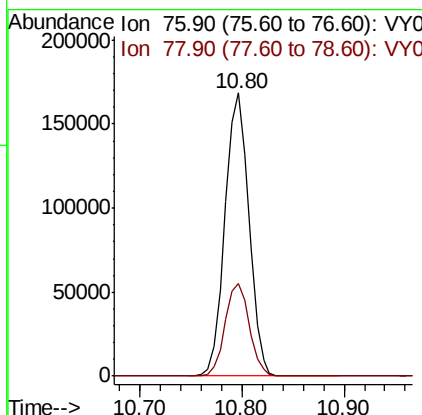
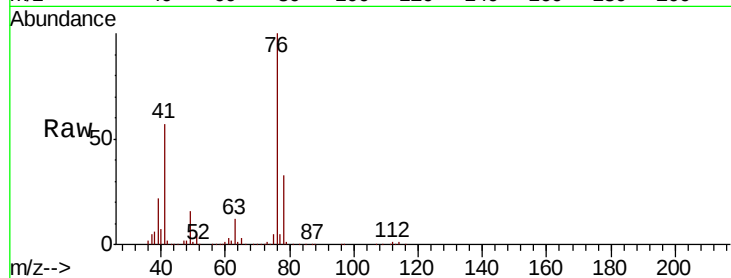
#57
 1,3-Dichloropropane
 Concen: 46.193 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.0	39.0

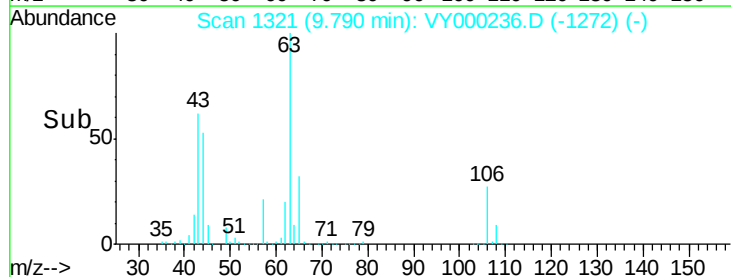
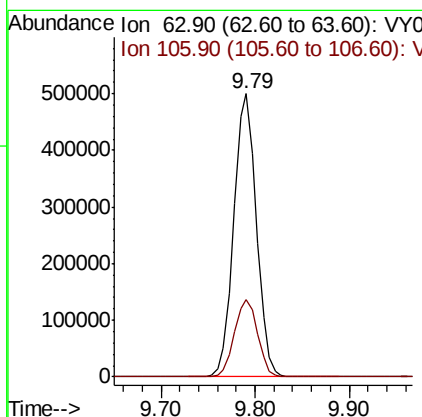
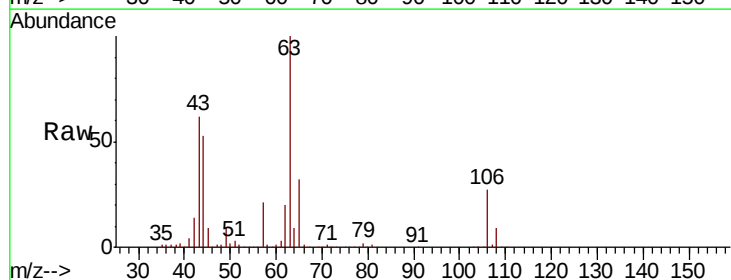
Manual Integrations
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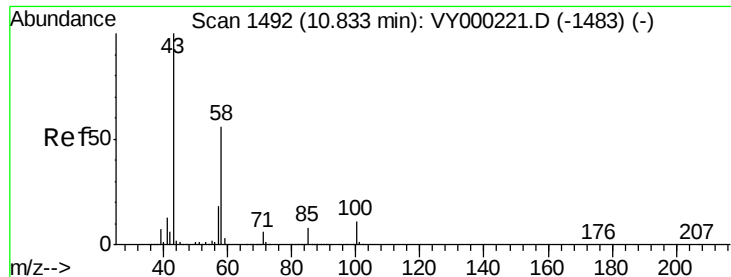
MMDadoda
 10/11/2019 8:40:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 304.035 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.6	33.8





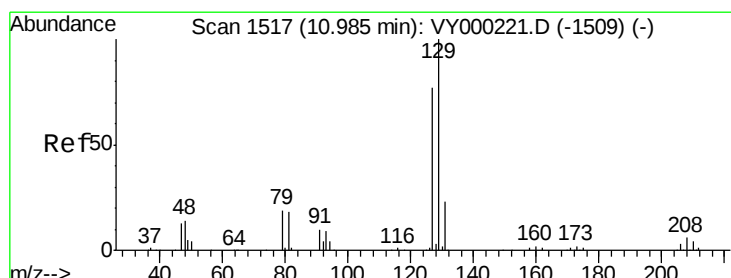
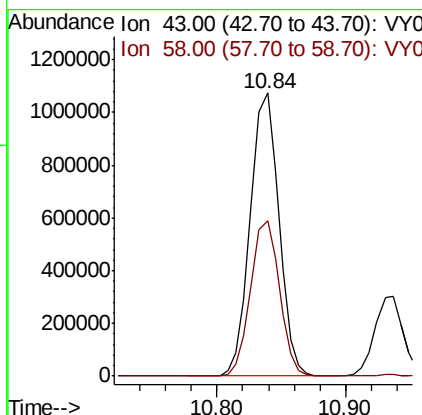
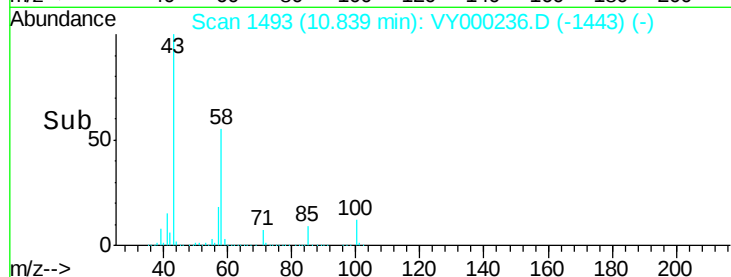
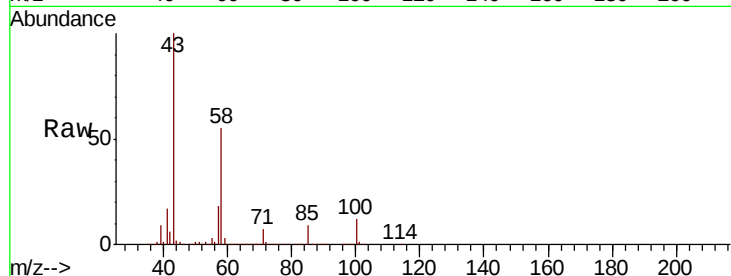
#59
2-Hexanone
Concen: 234.902 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1652438
Ion Ratio Lower Upper
43 100
58 55.3 28.2 84.6

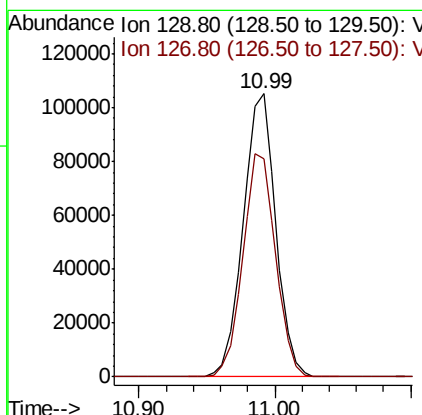
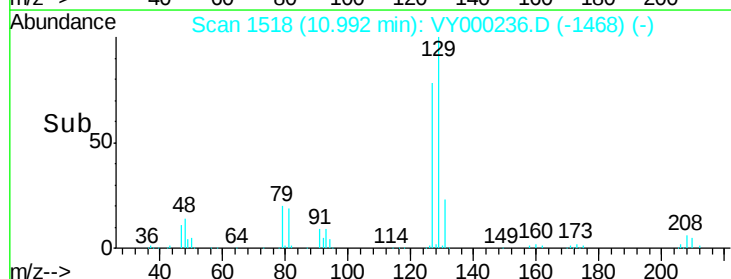
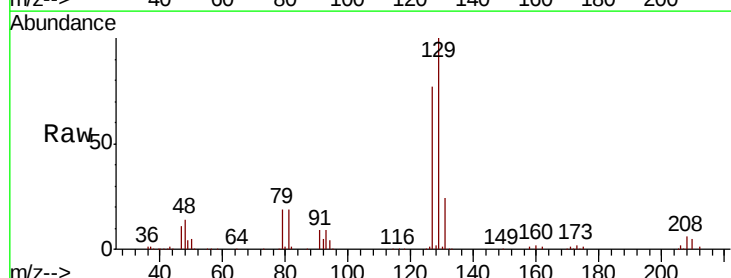
Manual Integrations
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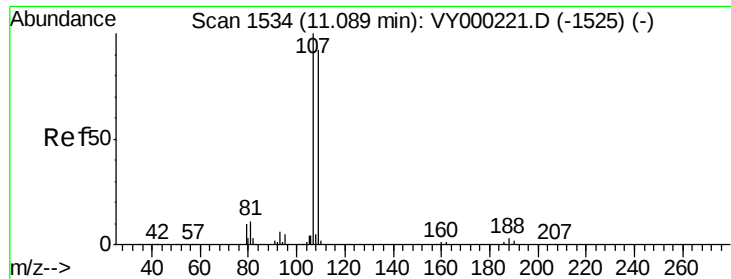
MMDadoda
10/11/2019 8:40:36 AM



#60
Dibromochloromethane
Concen: 47.728 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion: 129 Resp: 175385
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.2





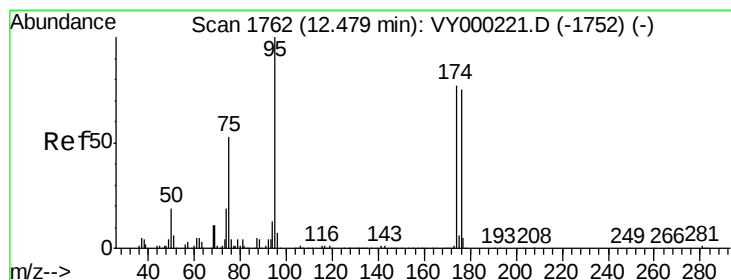
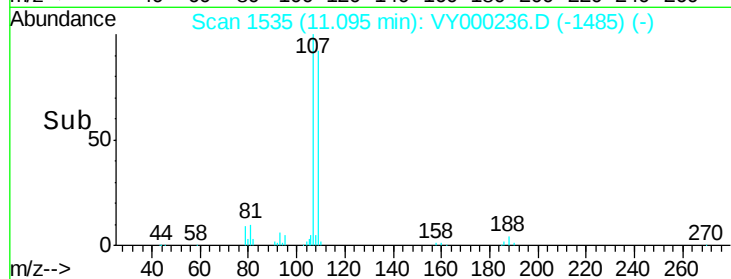
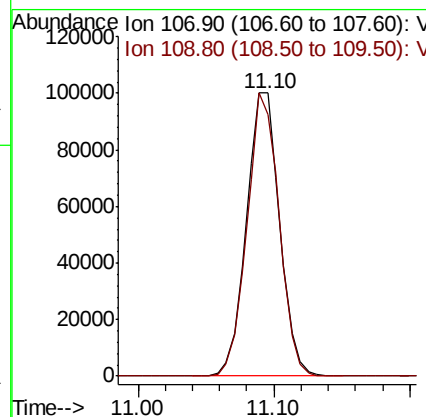
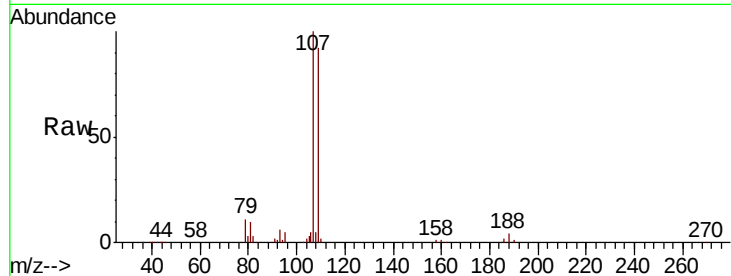
#61
 1,2-Dibromoethane
 Concen: 46.235 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.2	75.0	112.6

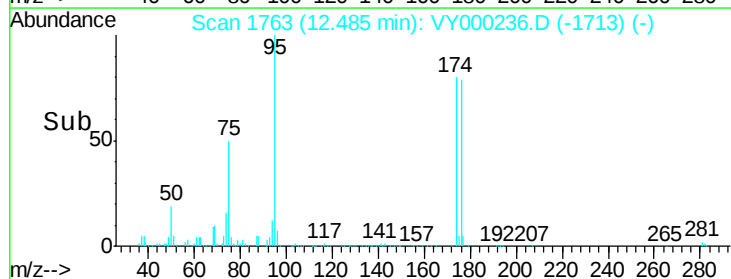
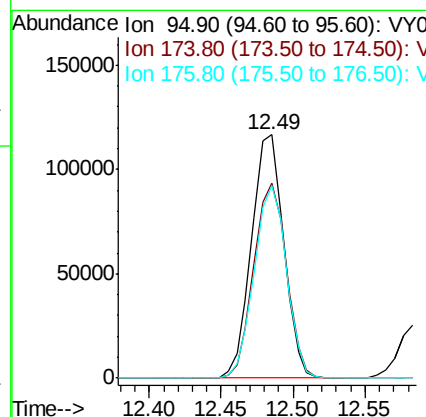
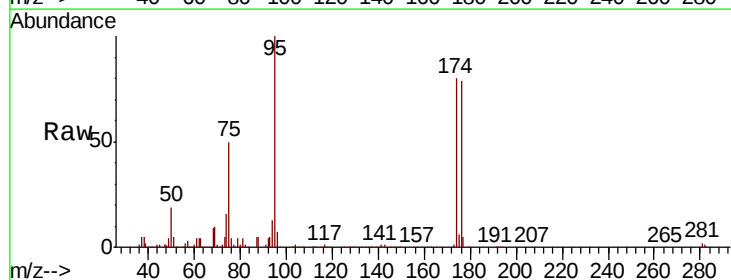
Manual Integrations
 APPROVED

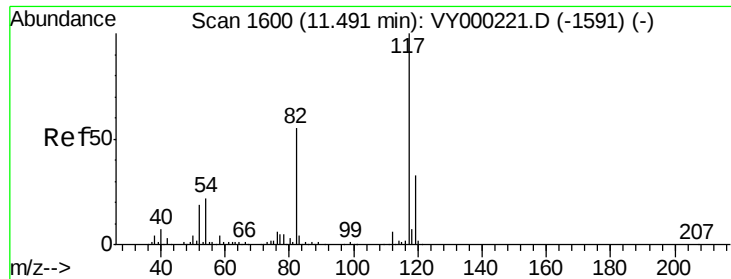
MMDadoda
 10/11/2019 8:40:36 AM



#62
 4-Bromofluorobenzene
 Concen: 46.873 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	157.0
176	79.0	0.0	153.0





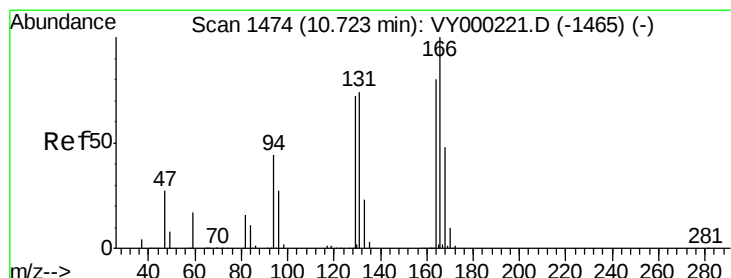
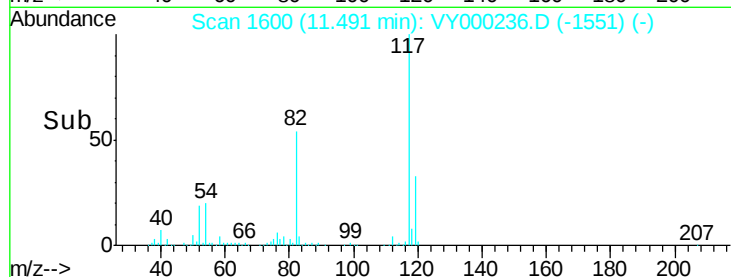
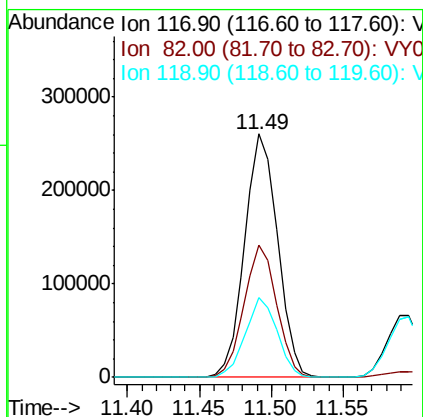
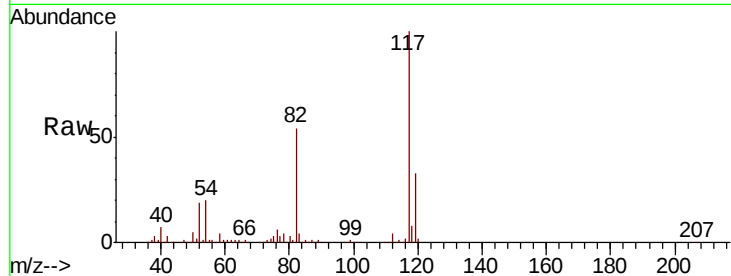
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	412621		
82	54.3	44.4	66.6	
119	32.7	26.2	39.2	

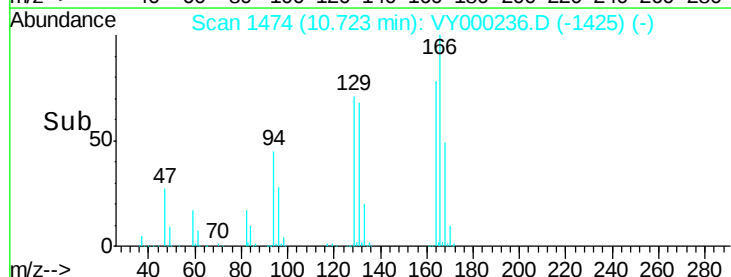
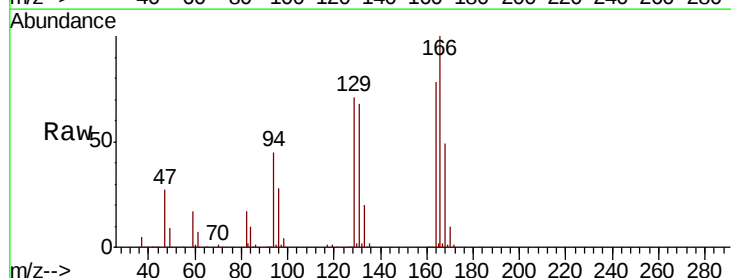
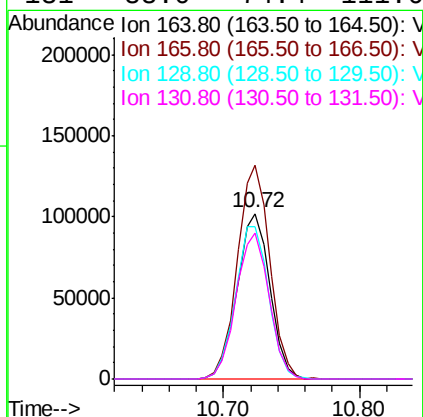
Manual Integrations
APPROVED

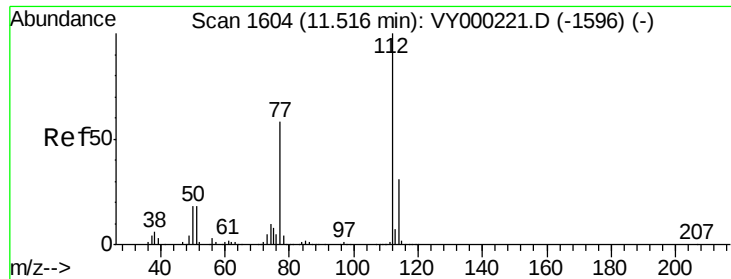
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10/11/2019 8:40:36 AM



#64
Tetrachloroethene
Concen: 45.468 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	171484		
166	128.9	100.3	150.5	
129	92.2	72.4	108.6	
131	88.0	74.4	111.6	





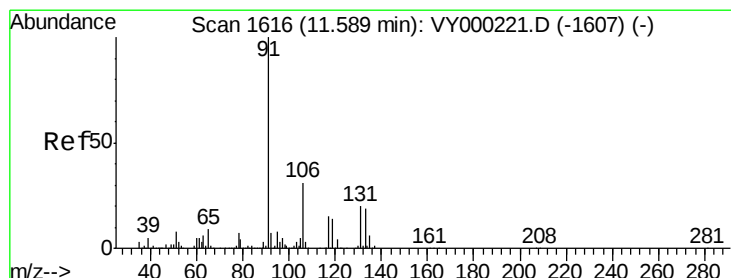
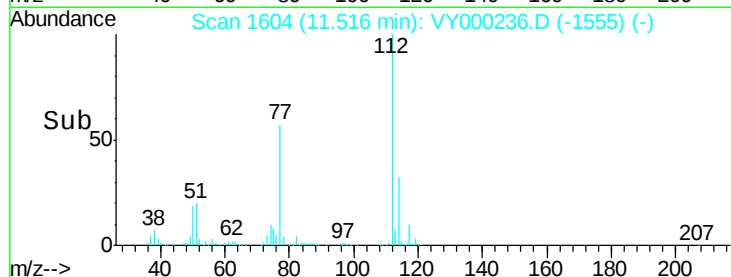
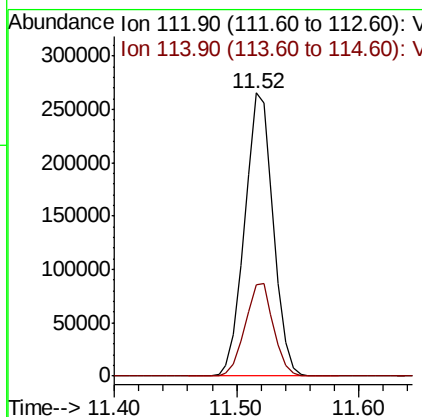
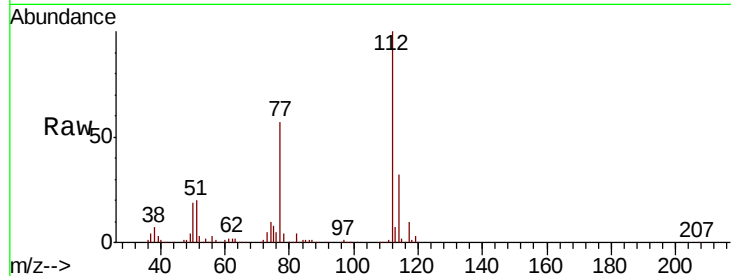
#65
Chlorobenzene
Concen: 44.821 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.0	37.4

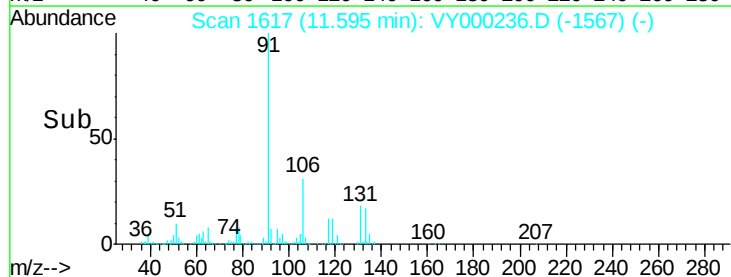
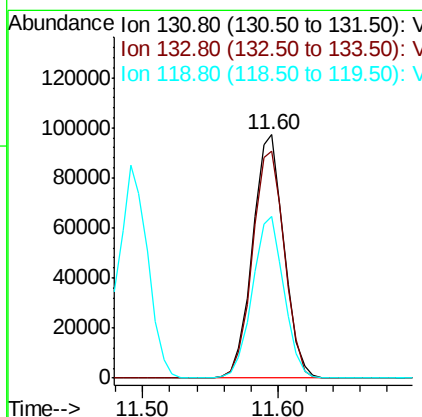
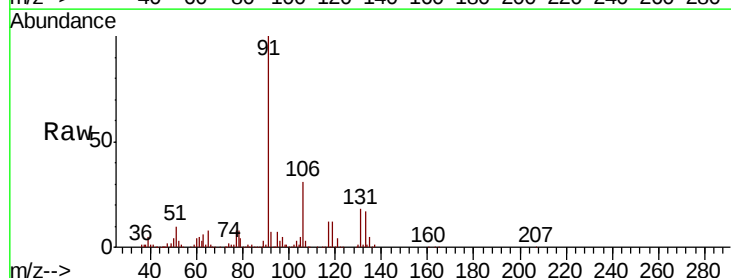
Manual Integrations
APPROVED

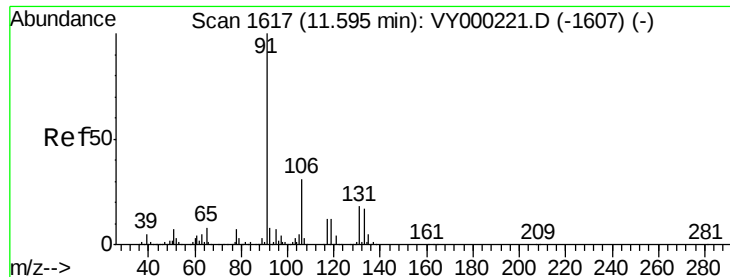
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.118 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.0	141.2
119	66.4	33.3	99.8





#67

Ethyl Benzene

Concen: 46.890 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 801495

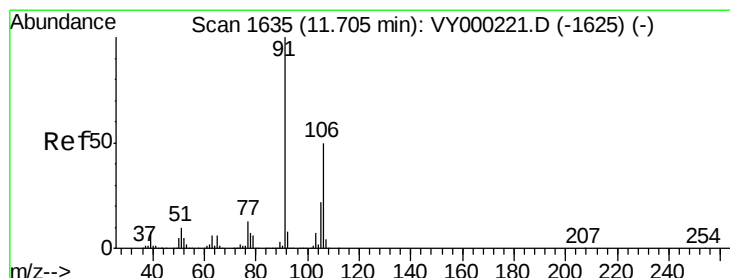
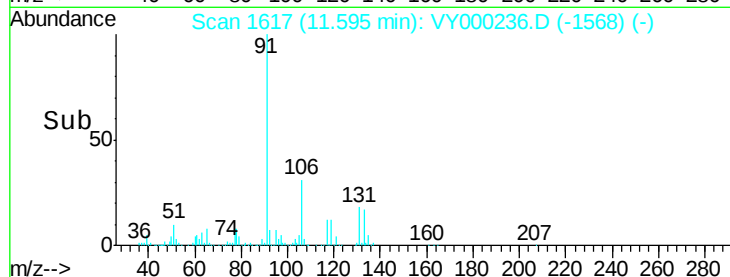
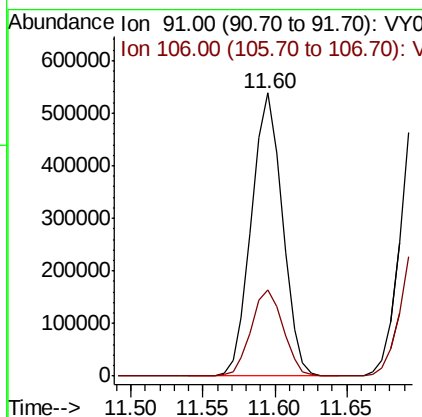
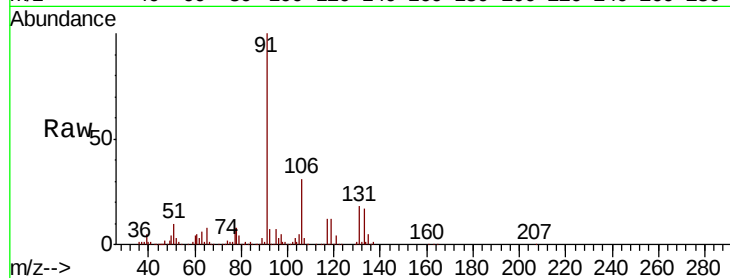
Ion Ratio Lower Upper

91 100

106 30.7 25.2 37.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 94.066 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000236.D

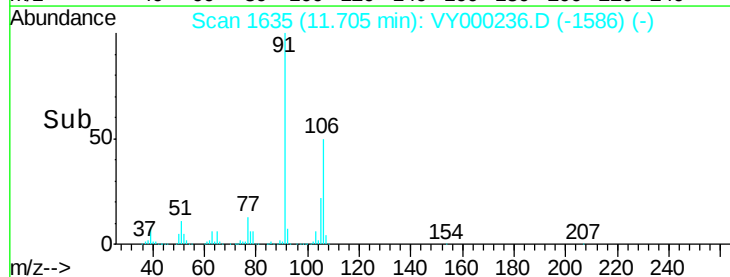
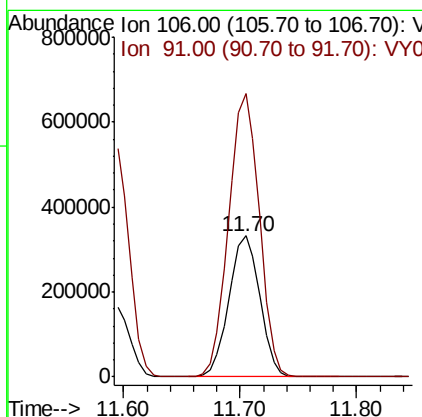
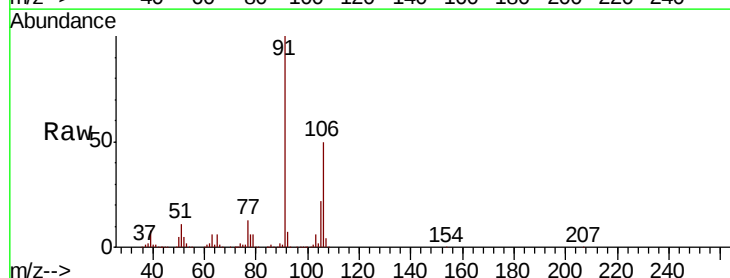
Acq: 09 Oct 2019 11:36

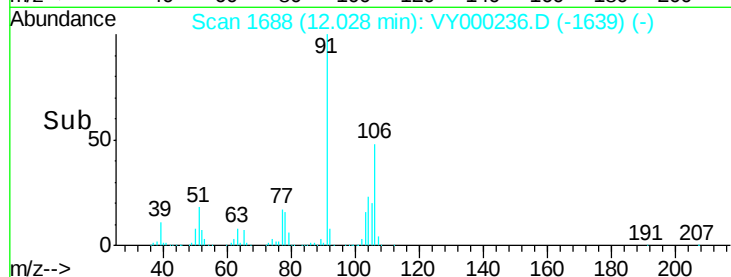
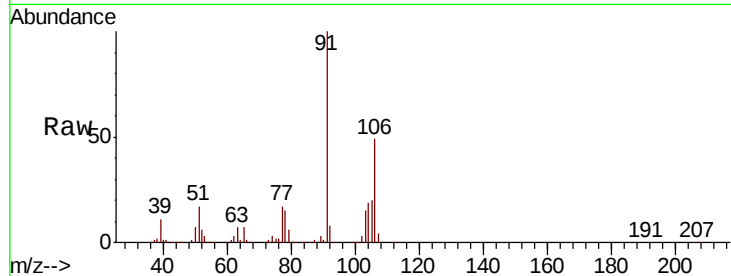
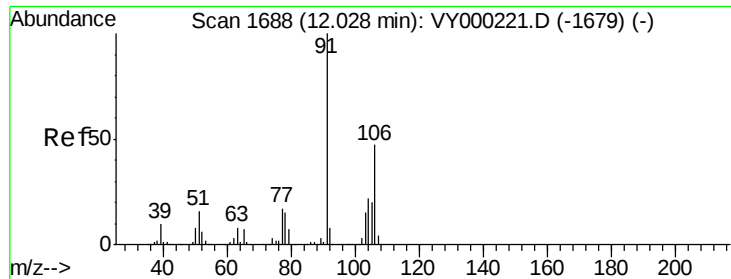
Tgt Ion: 106 Resp: 613508

Ion Ratio Lower Upper

106 100

91 199.4 159.9 239.9





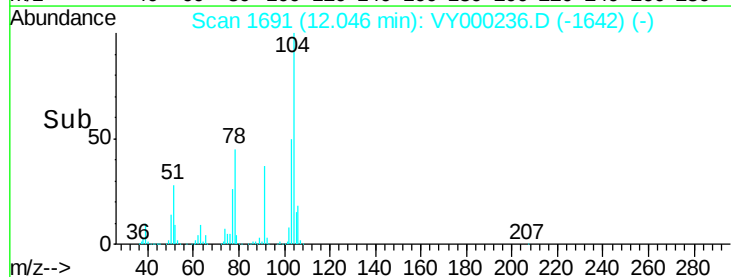
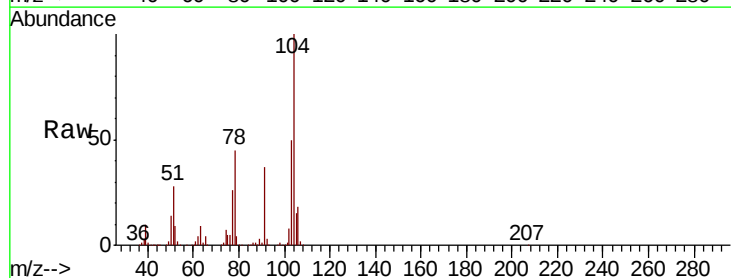
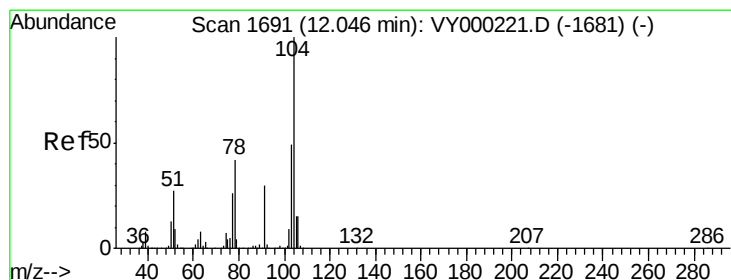
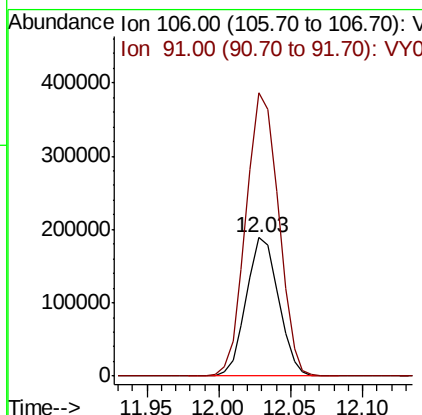
#69
o-Xylene
Concen: 46.818 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tot Ion:106 Resp: 294171
Ion Ratio Lower Upper
106 100
91 206.5 106.1 318.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

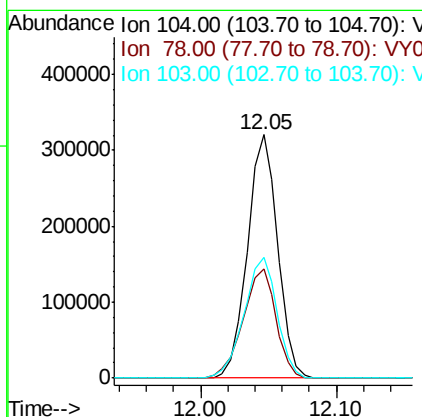
Manual Integrations
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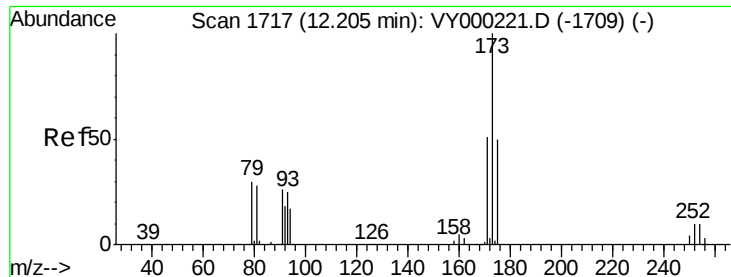
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#70
Styrene
Concen: 46.085 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion:104 Resp: 498782
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.2 43.1 64.7





#71

Bromoform

Concen: 47.382 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 133652

Ion Ratio Lower Upper

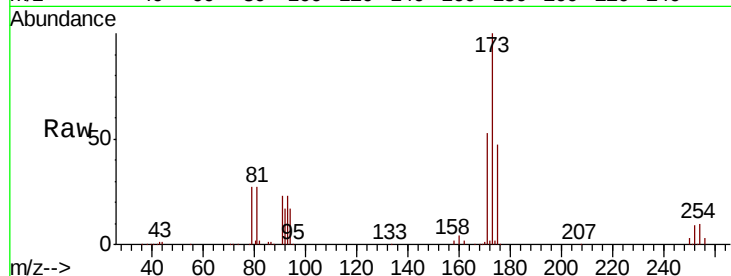
173 100

175 47.9 24.8 74.3

254 0.0 0.1 0.1#

Manual Integrations
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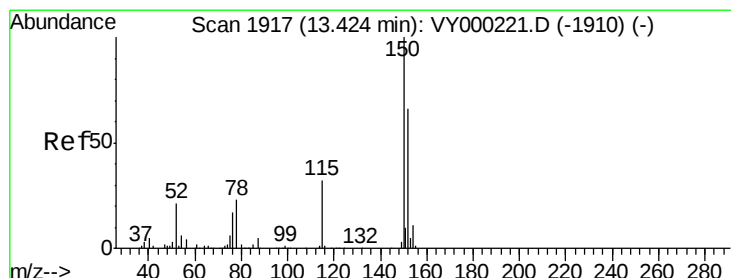
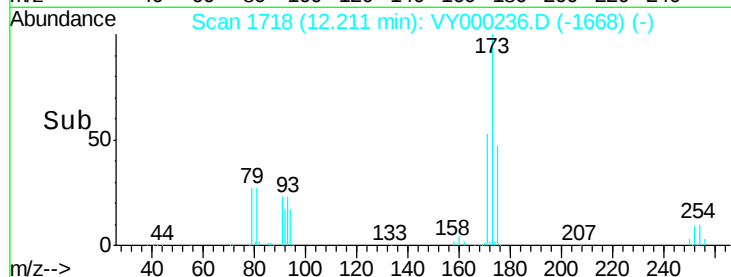
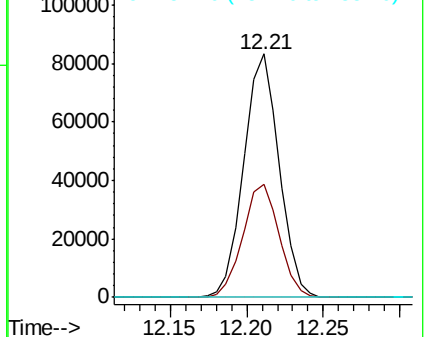
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

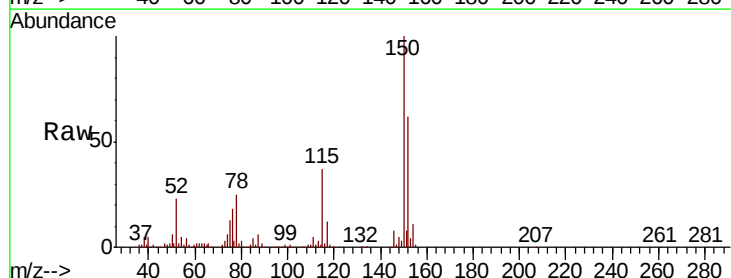
Tgt Ion:152 Resp: 197858

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

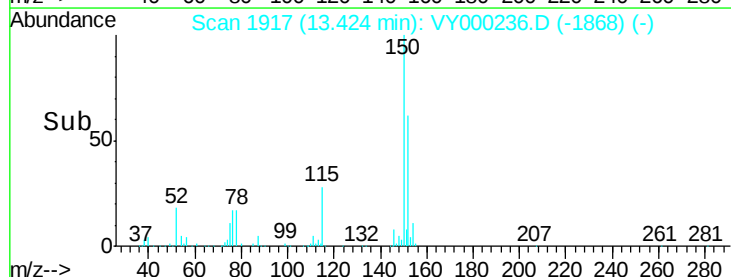
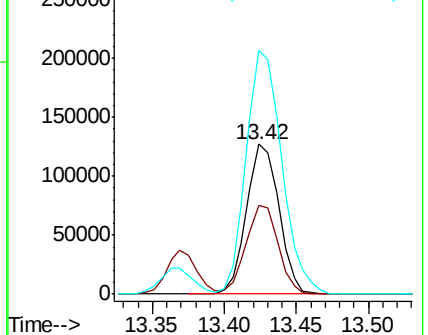
150 179.6 0.0 349.6

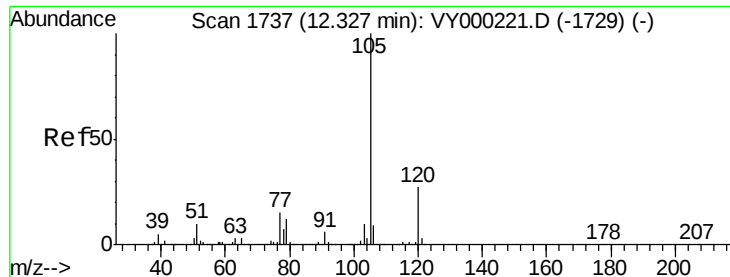


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





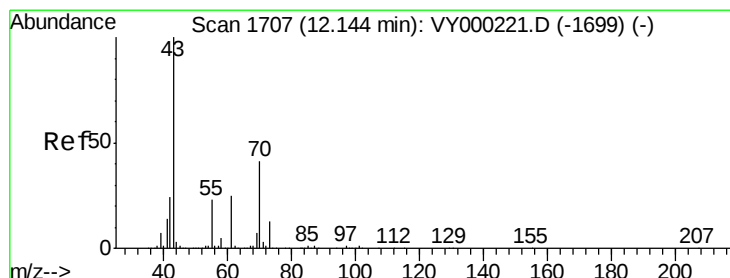
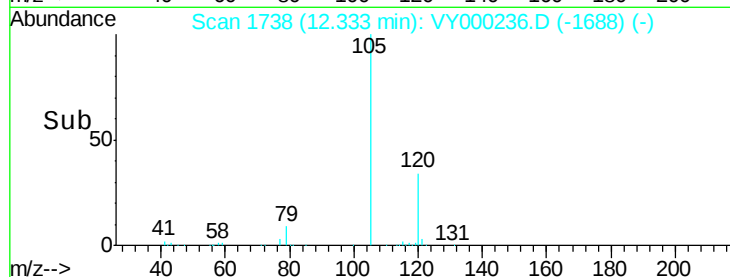
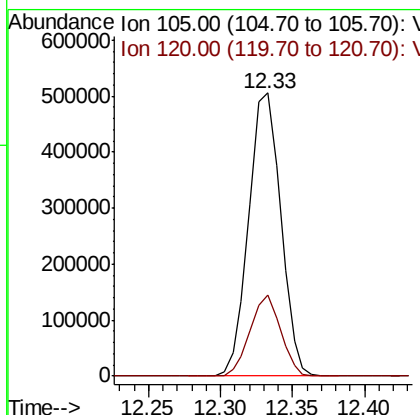
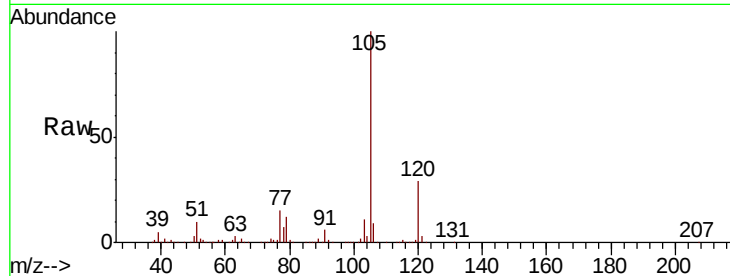
#73
Isopropylbenzene
Concen: 46.598 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.8

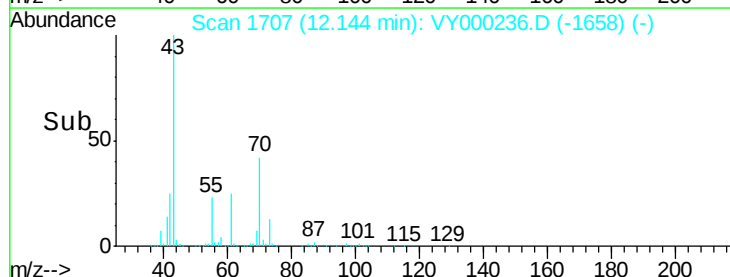
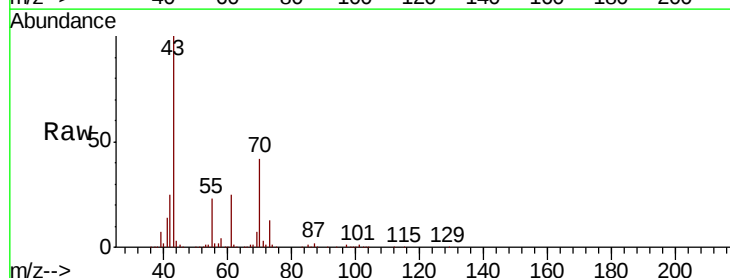
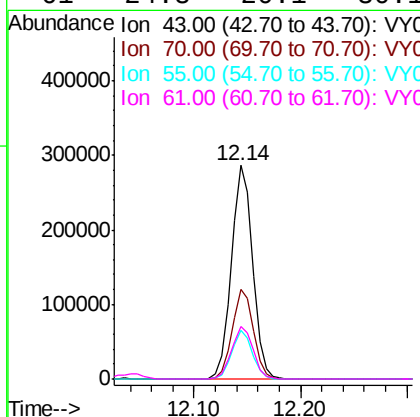
Manual Integrations
APPROVED

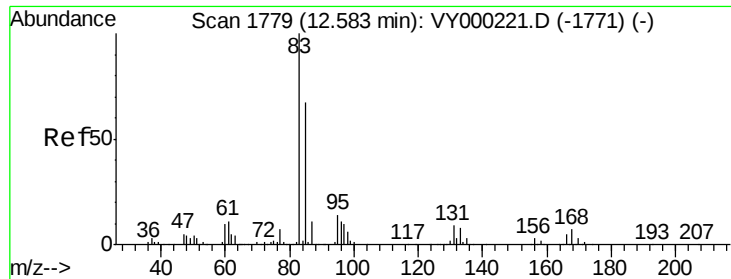
MMDadoda
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#74
N-ethyl acetate
Concen: 45.355 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.9	34.9	52.3
55	22.3	18.2	27.2
61	24.8	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.457 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

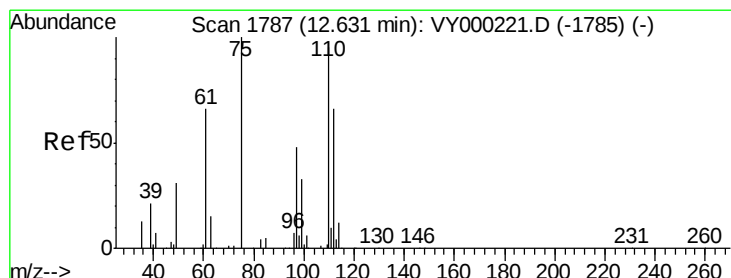
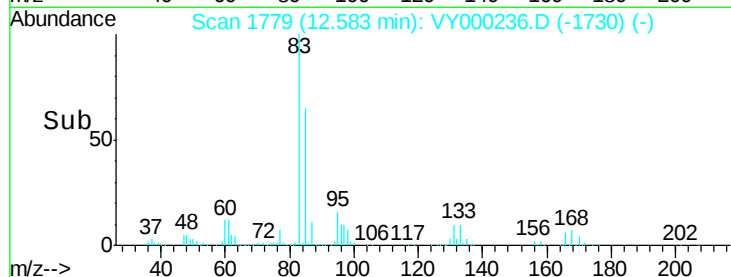
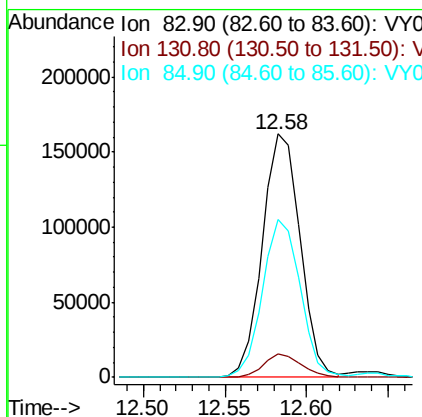
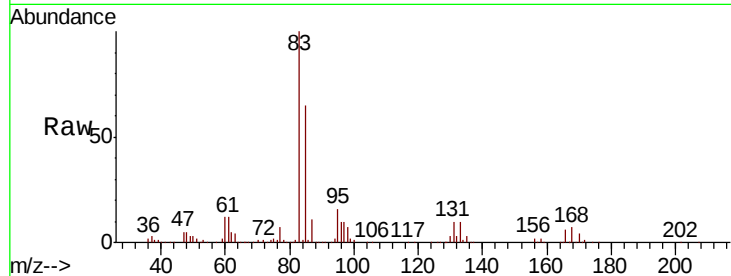
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	260100
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.3
85	64.8	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.029 ug/l m

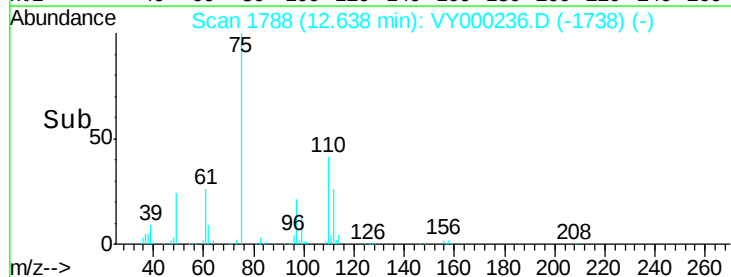
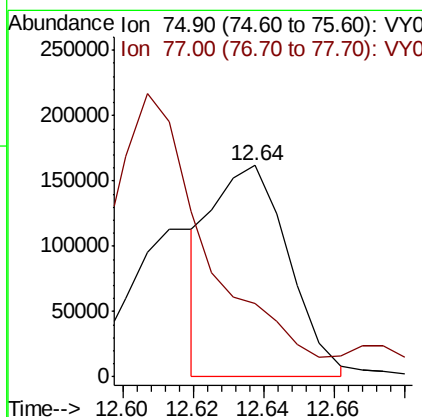
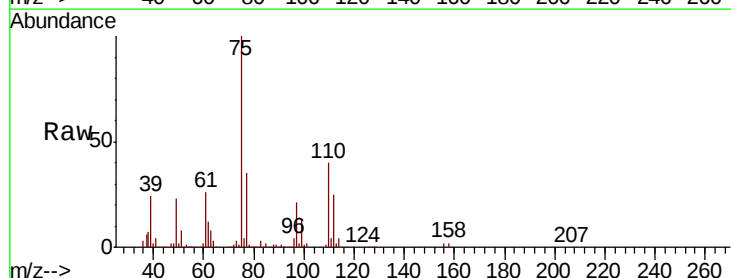
RT: 12.64 min Scan# 1788

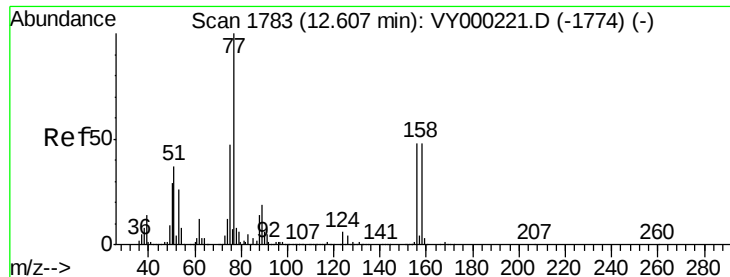
Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Tgt Ion:	75	Resp:	245669
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





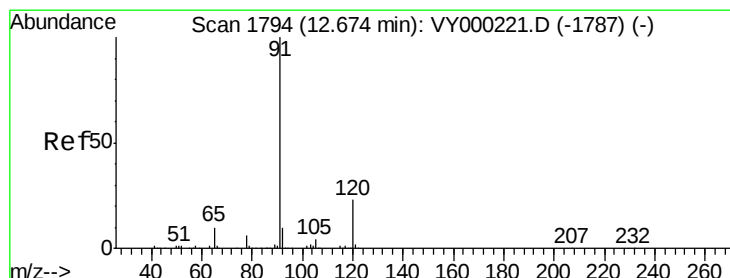
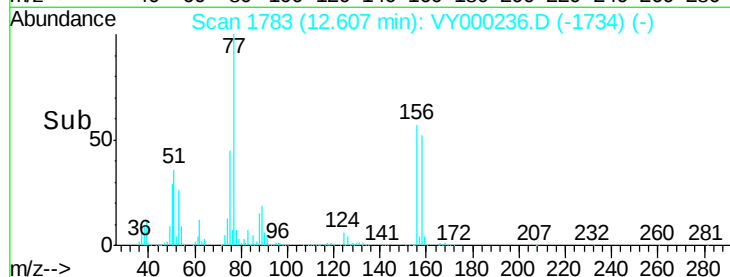
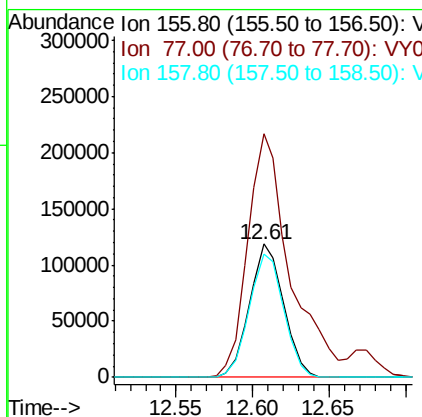
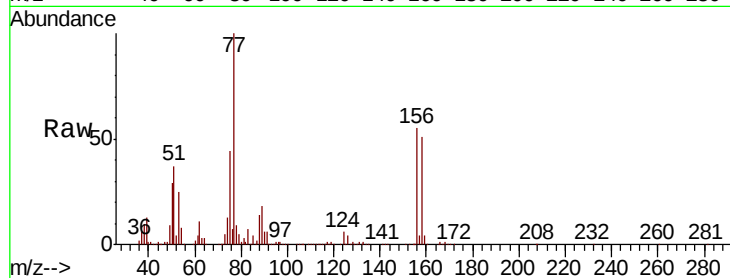
#77
Bromobenzene
Concen: 46.673 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	226.1	118.1	354.3
158	94.2	47.8	143.3

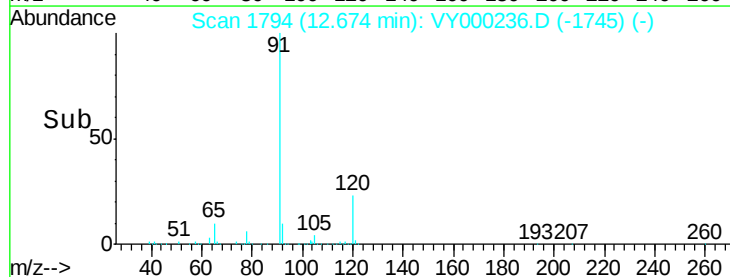
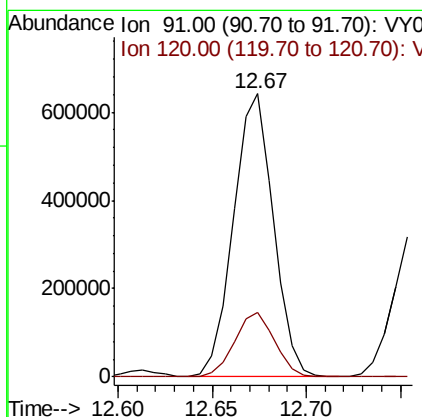
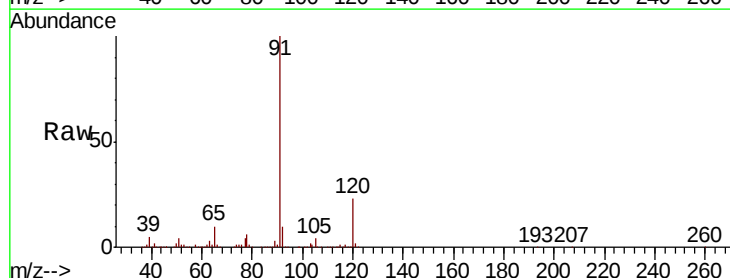
Manual Integrations
APPROVED

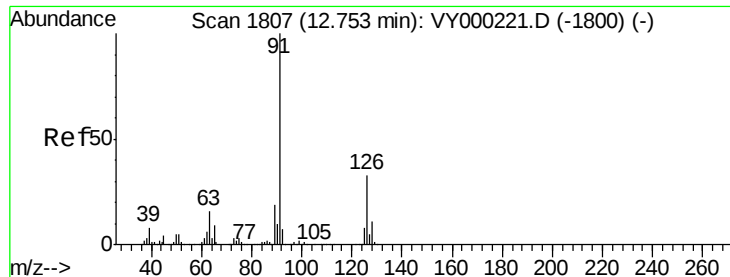
MMDadoda
10/11/2019 8:40:36 AM



#78
n-propylbenzene
Concen: 48.112 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.8





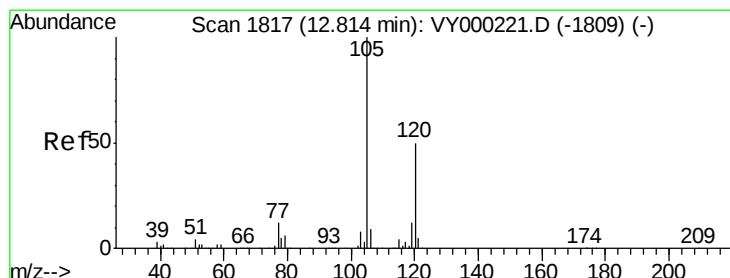
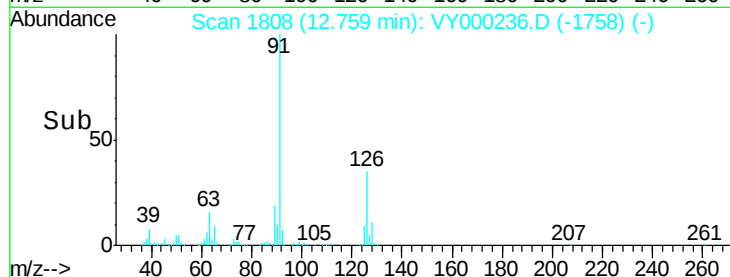
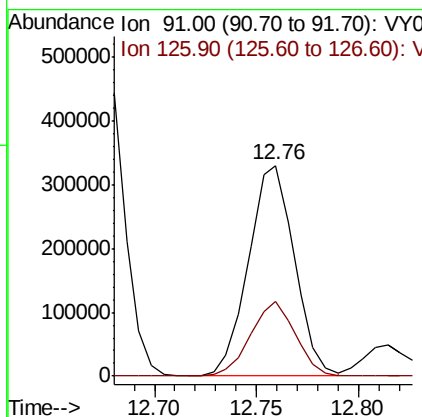
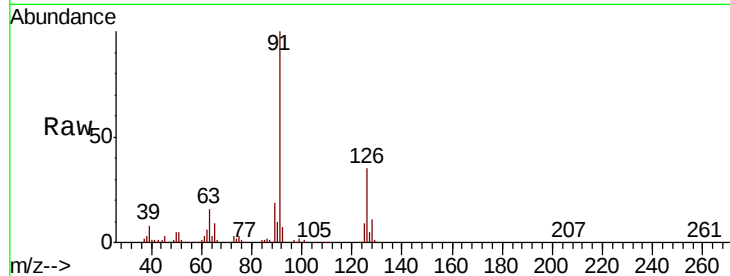
#79
2-Chlorotoluene
Concen: 46.122 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 520036
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

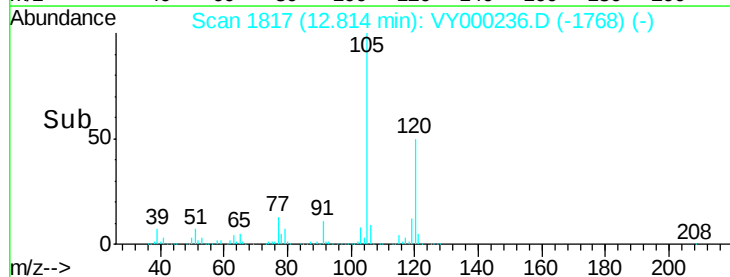
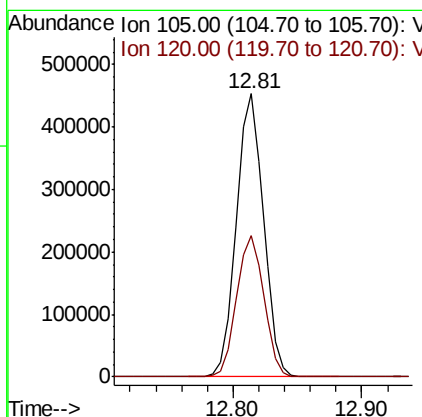
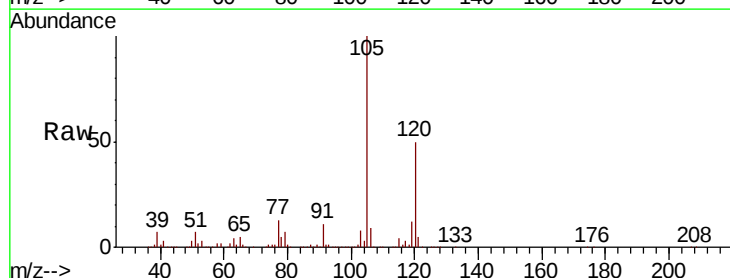
Manual Integrations
APPROVED

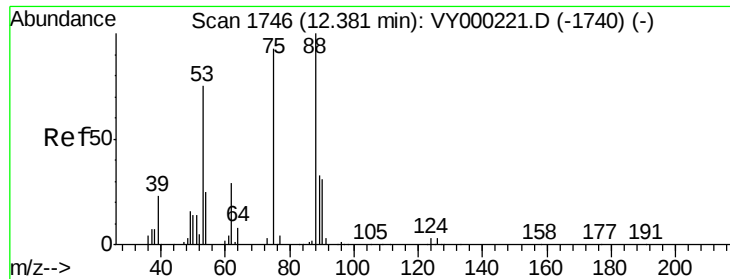
MMDadoda
10/11/2019 8:40:36 AM



#80
1,3,5-Trimethylbenzene
Concen: 47.327 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion: 105 Resp: 662093
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4





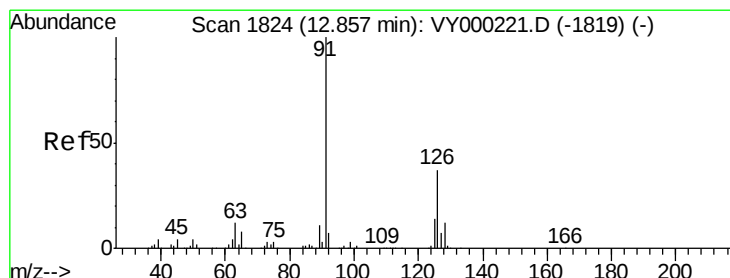
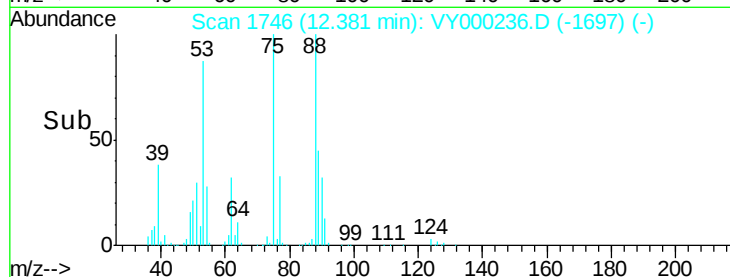
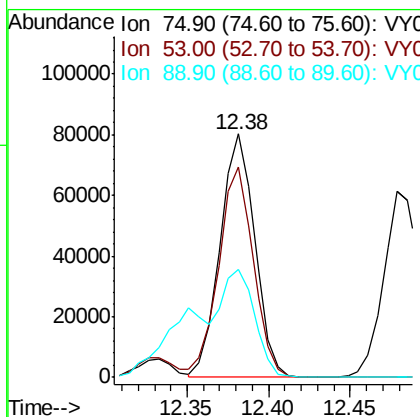
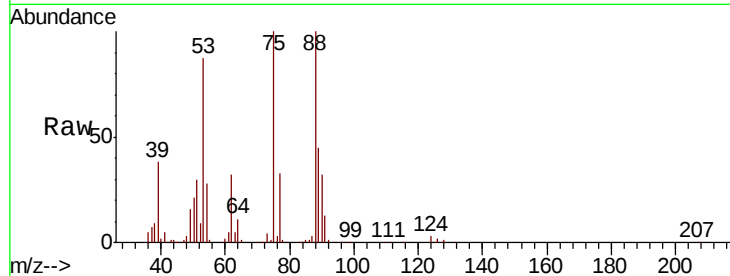
#81
trans-1,4-Dichloro-2-butene
Concen: 44.287 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.8	66.5	99.7
89	43.7	46.9	70.3

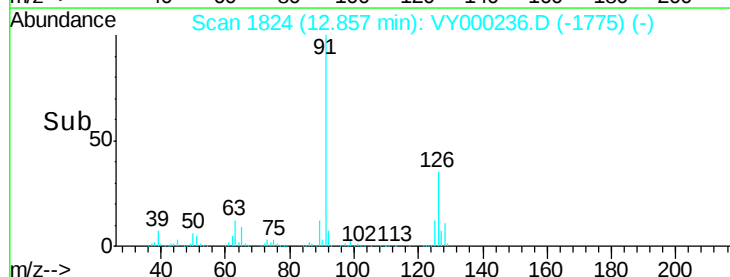
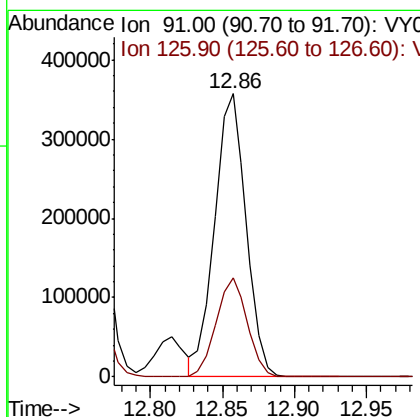
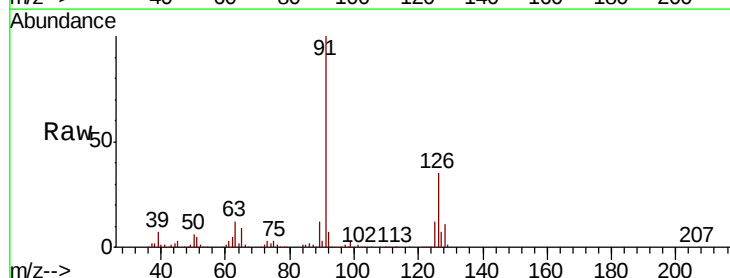
Manual Integrations
APPROVED

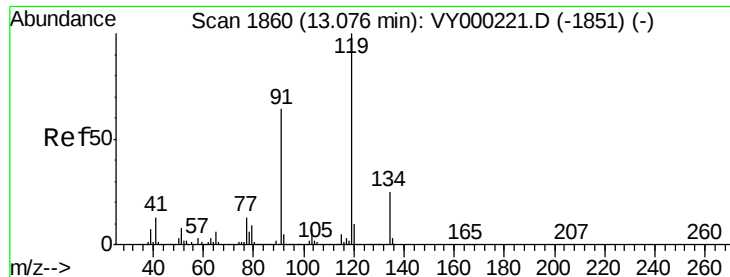
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10/11/2019 8:40:36 AM



#82
4-Chlorotoluene
Concen: 47.752 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.3	52.0





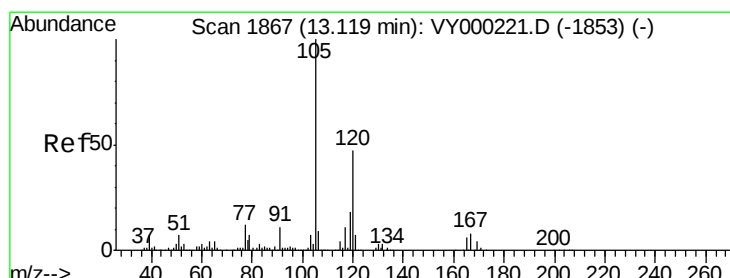
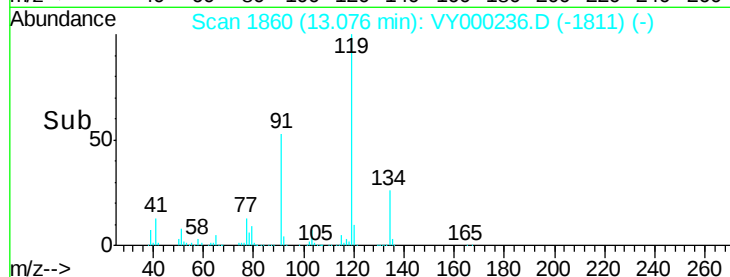
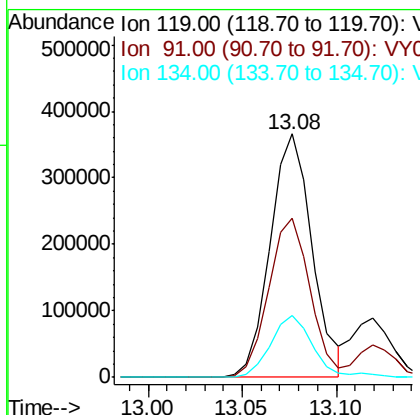
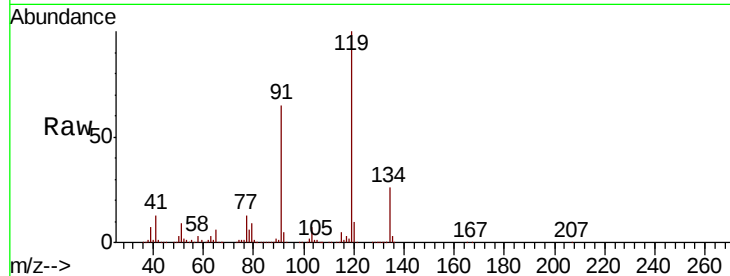
#83
tert-Butylbenzene
Concen: 46.435 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.4	97.2
134	26.1	13.2	39.6

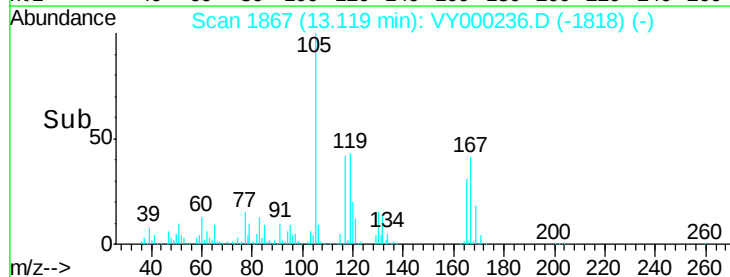
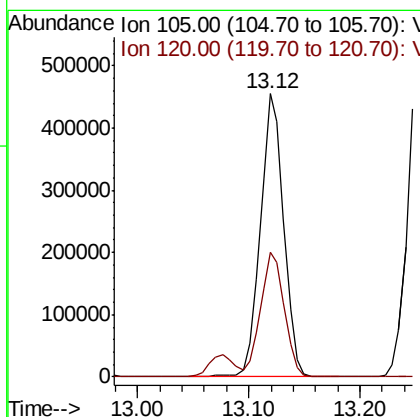
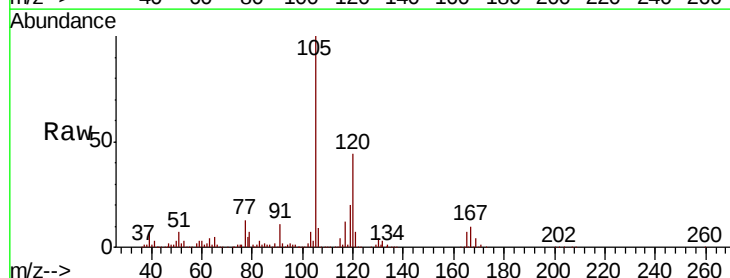
Manual Integrations
APPROVED

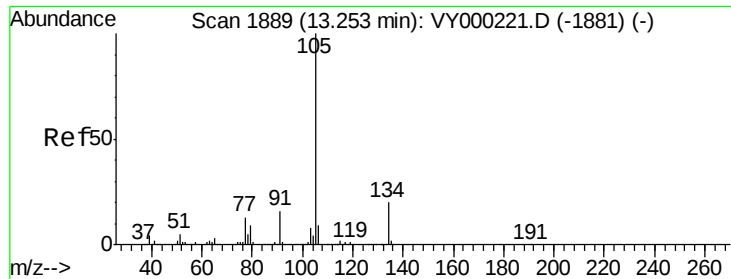
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 47.521 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.8	68.3





#85

sec-Butylbenzene

Concen: 48.313 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 809734

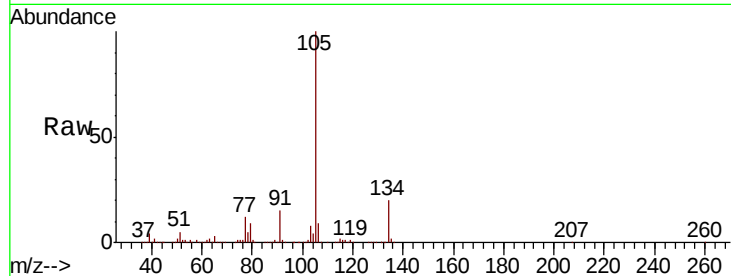
Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6

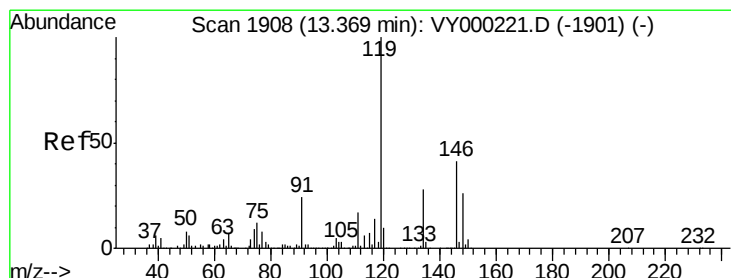
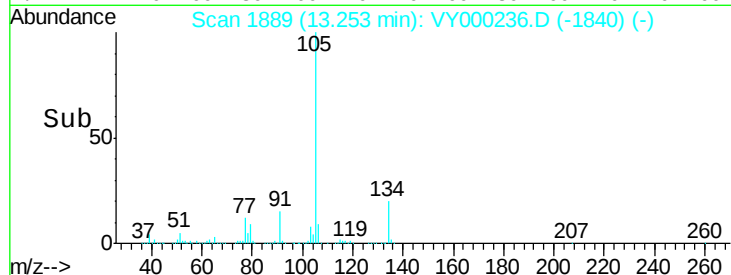
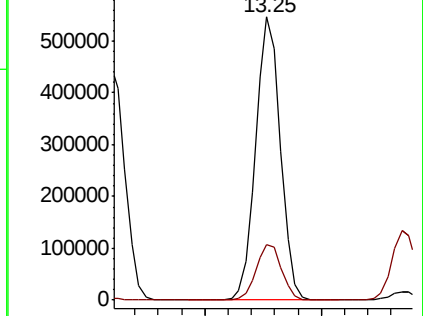
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.368 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

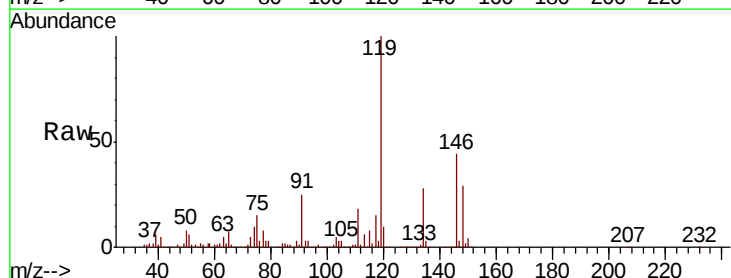
Tgt Ion:119 Resp: 712858

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

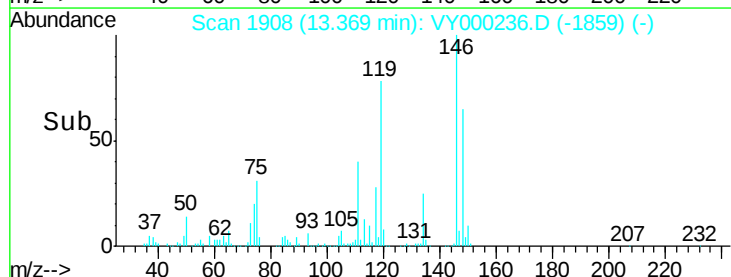
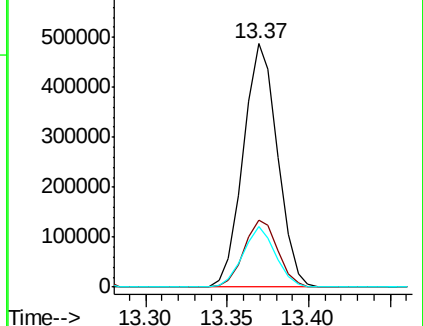
91 23.8 11.7 35.1

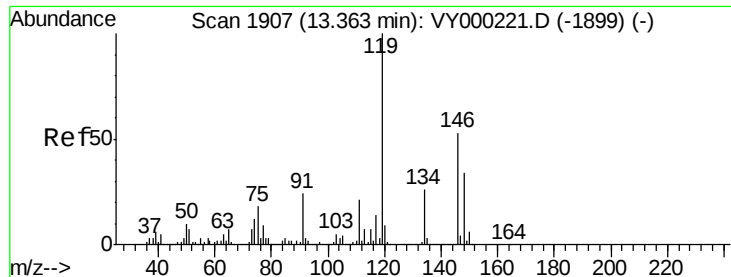


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





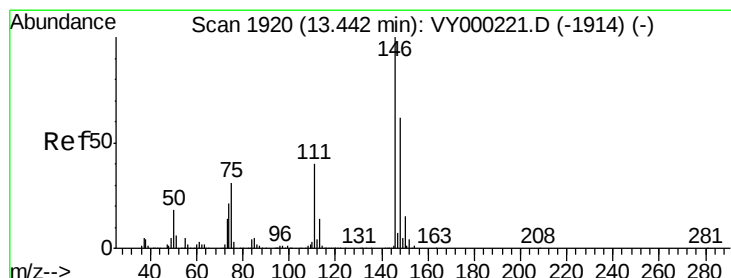
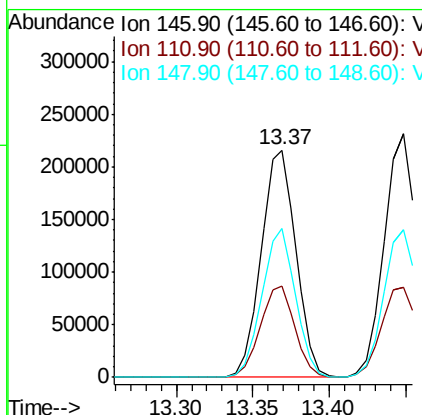
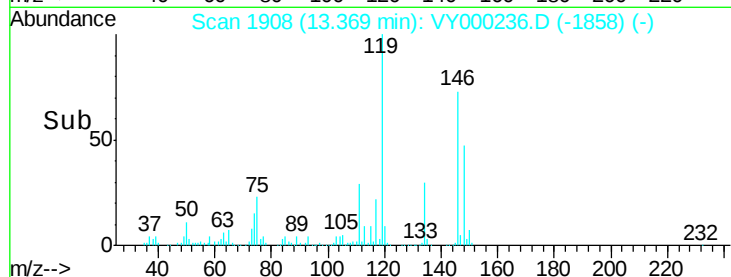
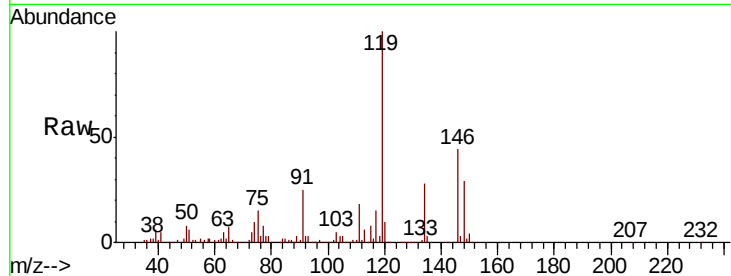
#87
 1,3-Dichlorobenzene
 Concen: 47.883 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	63.1	31.7	95.1

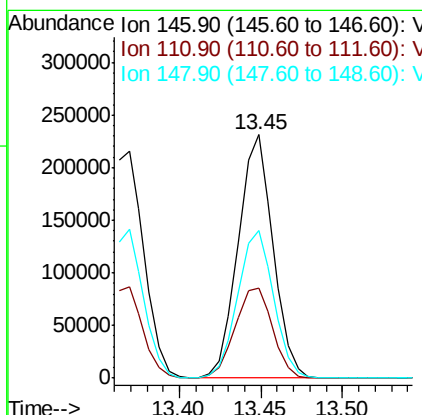
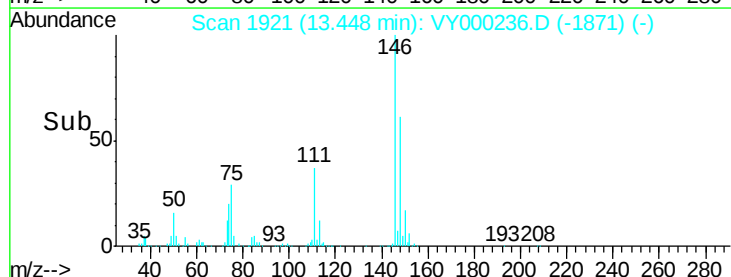
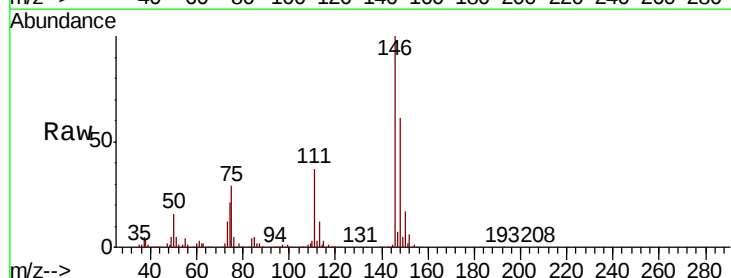
Manual Integrations
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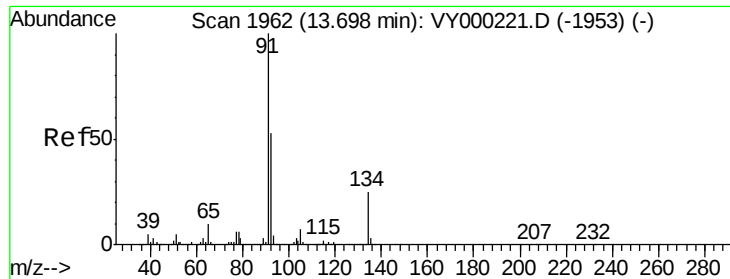
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 10/11/2019 8:40:36 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.409 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.3
148	62.5	31.6	94.8





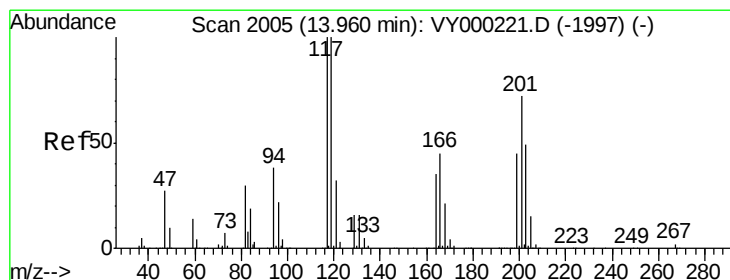
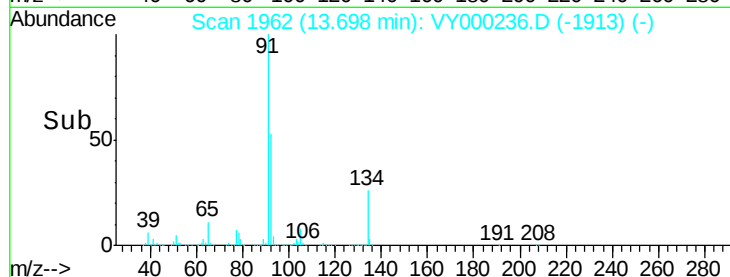
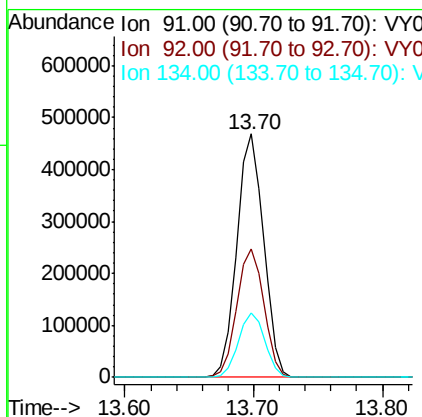
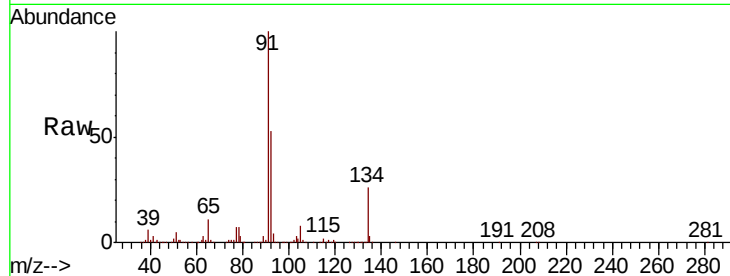
#89
n-Butylbenzene
Concen: 48.673 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.0	80.8
134	26.2	12.8	38.4

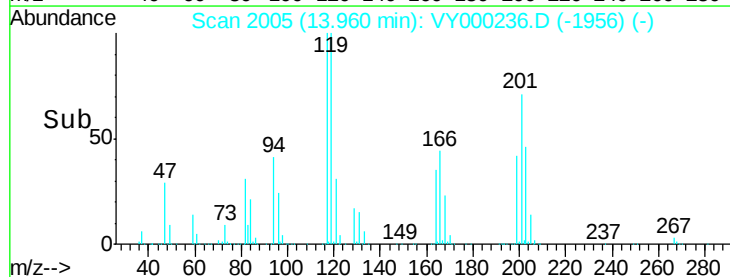
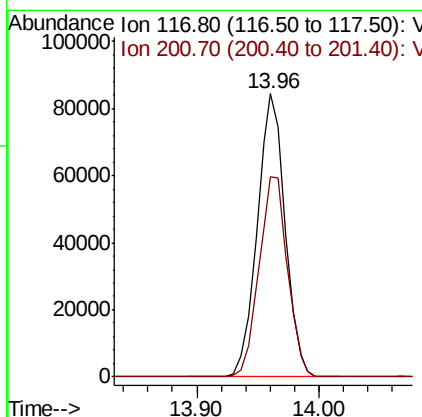
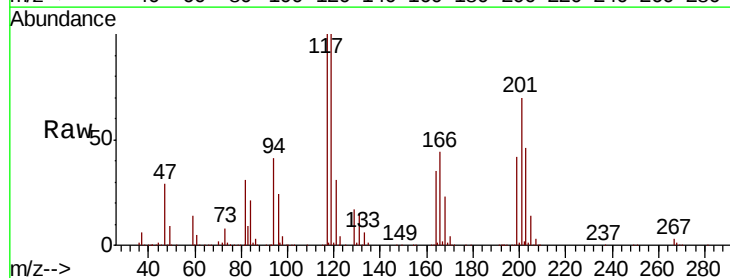
Manual Integrations
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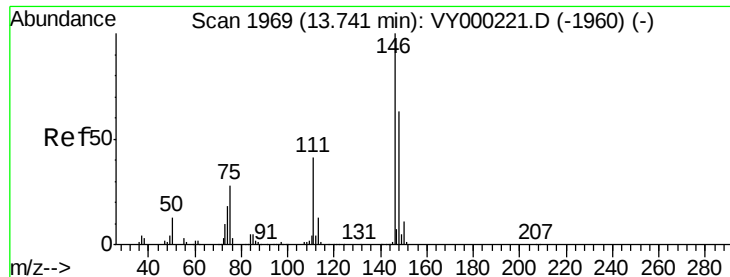
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#90
Hexachloroethane
Concen: 47.906 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.1	35.5	106.5





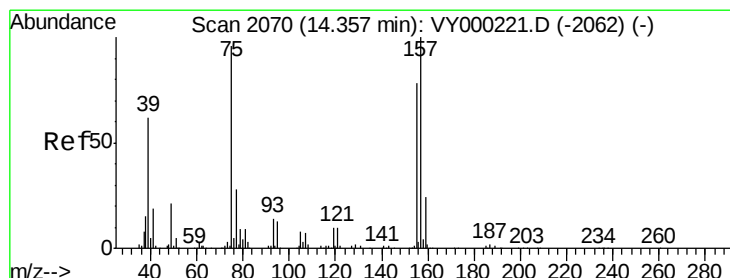
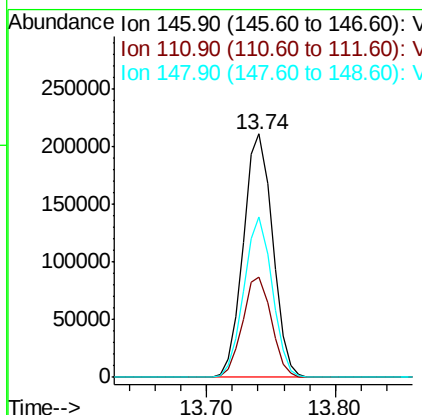
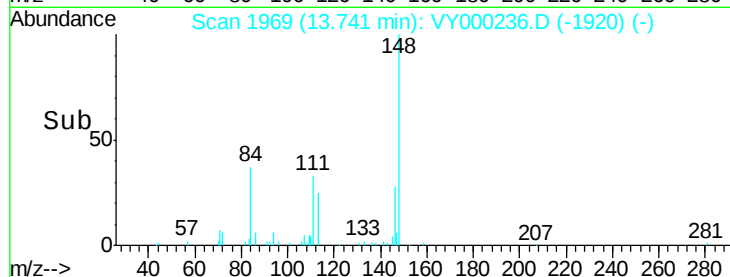
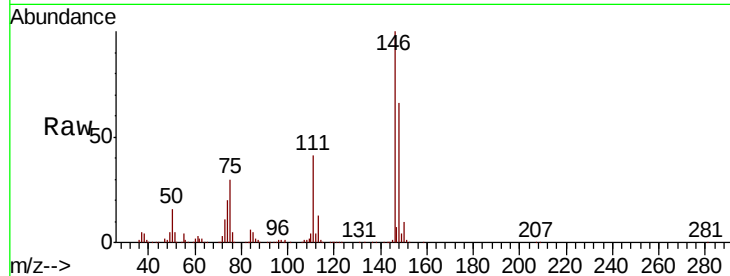
#91
 1,2-Dichlorobenzene
 Concen: 45.827 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.9	62.8
148	63.6	31.6	95.0

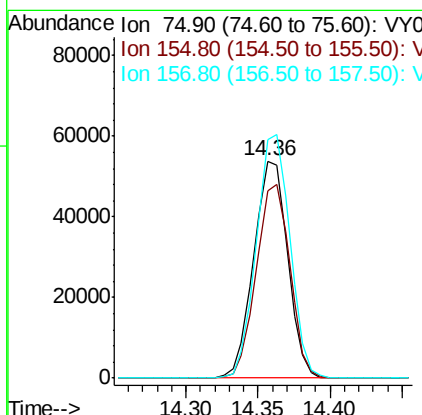
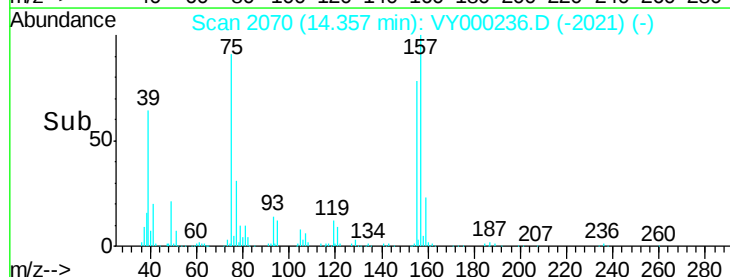
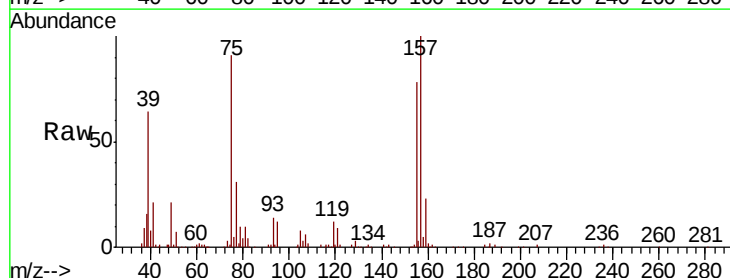
Manual Integrations
 APPROVED

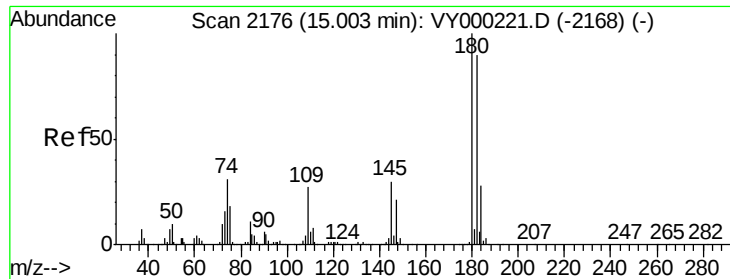
MMDadoda
 10/11/2019 8:40:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.417 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	42.4	127.3
157	111.1	53.8	161.5





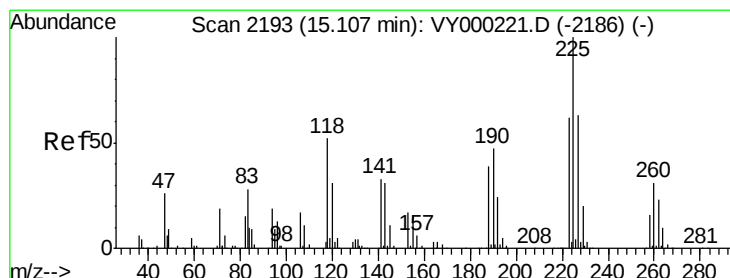
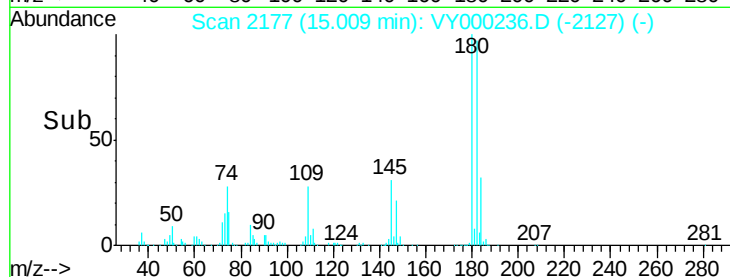
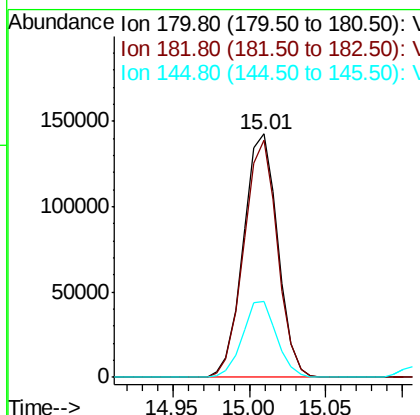
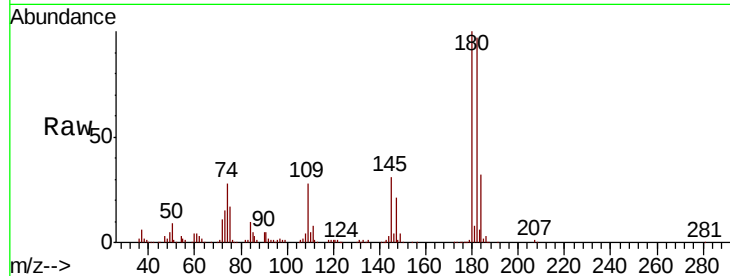
#93
 1,2,4-Trichlorobenzene
 Concen: 45.464 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	222635		
182	95.5	47.2	141.6	
145	31.0	15.3	45.8	

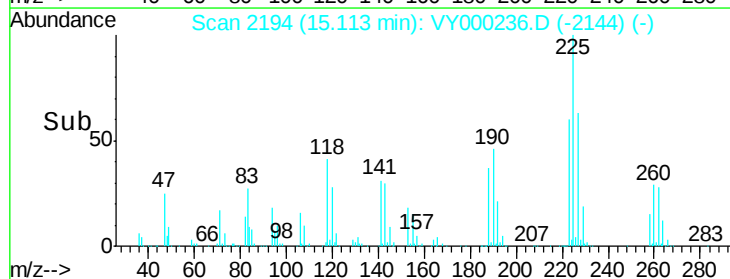
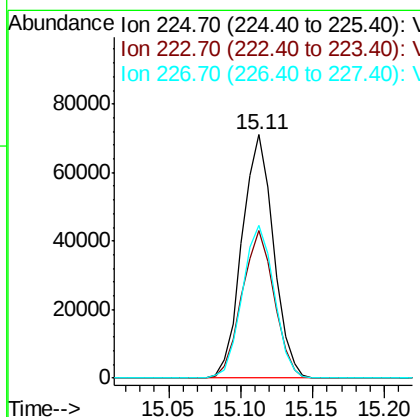
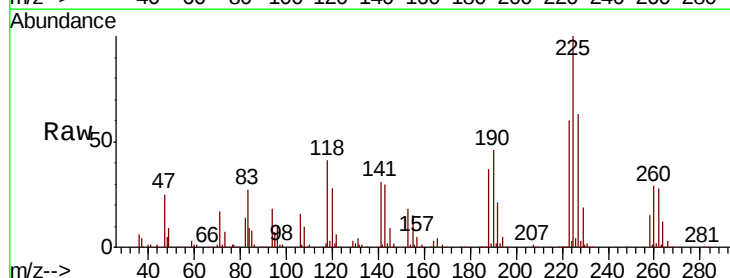
Manual Integrations
 APPROVED

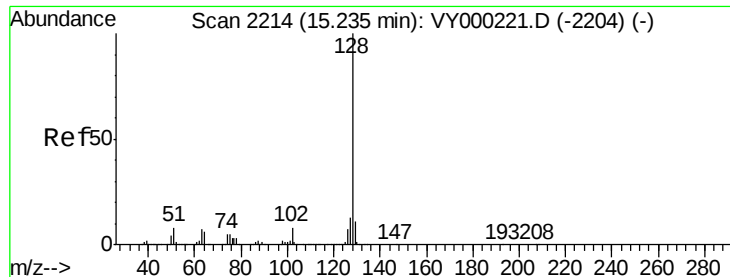
MMDadoda
 10/11/2019 8:40:36 AM



#94
 Hexachlorobutadiene
 Concen: 46.090 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107856		
223	61.9	31.9	95.5	
227	63.3	31.5	94.5	





#95

Naphthalene

Concen: 46.488 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

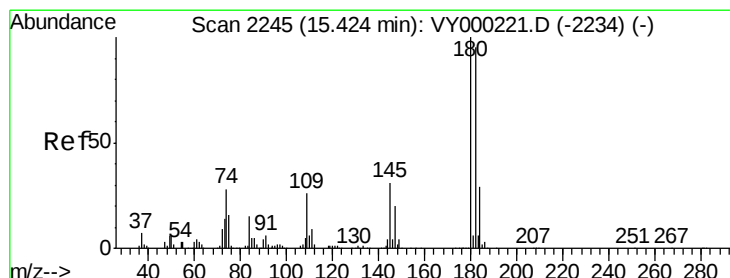
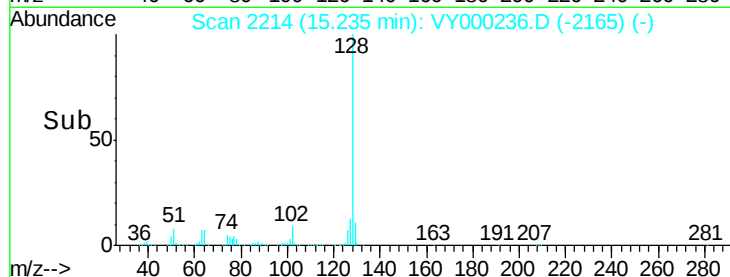
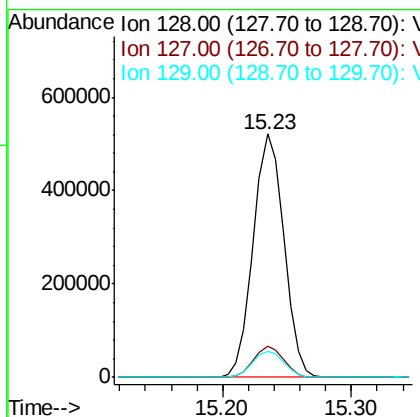
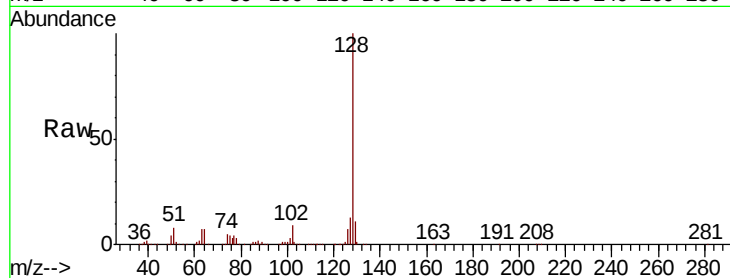
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	856394
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.2
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:40:36 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.084 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Tgt Ion:	180	Resp:	221782
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.7
145	32.4	16.3	48.9

