

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000233.D
 Acq On : 08 Oct 2019 21:06
 Operator : SY/MD
 Sample : VY1008WBSD01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:58 AM

Quant Time: Oct 09 09:11:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 08:54:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	253848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	418690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	372818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	165282	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.73	113	131281	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.19	98	485906	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.48	95	171127	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	44032	17.375	ug/l	97
3) Chloromethane	2.12	50	63654	18.444	ug/l	99
4) Vinyl Chloride	2.25	62	63678	17.871	ug/l	90
5) Bromomethane	2.65	94	48214	21.446	ug/l	97
6) Chloroethane	2.80	64	40287	17.901	ug/l	97
7) Trichlorofluoromethane	3.12	101	75129	16.316	ug/l	93
8) Diethyl Ether	3.53	74	36696	17.430	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43538	16.195	ug/l	96
10) Methyl Iodide	4.10	142	66144	15.548	ug/l	98
11) Tert butyl alcohol	4.97	59	171934	96.935	ug/l	99
12) 1,1-Dichloroethene	3.87	96	48404	17.343	ug/l	86
13) Acrolein	3.73	56	79221	85.088	ug/l	100
14) Allyl chloride	4.49	41	78442	16.680	ug/l	99
15) Acrylonitrile	5.18	53	284730	90.938	ug/l	99
16) Acetone	3.95	43	255670	98.875	ug/l	94
17) Carbon Disulfide	4.19	76	138377	16.822	ug/l	99
18) Methyl Acetate	4.49	43	131295	18.528	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	180812	17.708	ug/l	98
20) Methylene Chloride	4.72	84	59698	17.574	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	54508	17.361	ug/l	97
22) Diisopropyl ether	6.13	45	190156	17.453	ug/l	98
23) Vinyl Acetate	6.07	43	883138	83.510	ug/l	99
24) 1,1-Dichloroethane	6.02	63	100375	18.061	ug/l	97
25) 2-Butanone	7.00	43	462631	96.711	ug/l	97
26) 2,2-Dichloropropane	6.99	77	79626	15.872	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	64550	17.454	ug/l	99
28) Bromochloromethane	7.35	49	36886	20.164	ug/l	93
29) Tetrahydrofuran	7.36	42	310578	91.930	ug/l	99
30) Chloroform	7.52	83	99730	17.291	ug/l	89
31) Cyclohexane	7.80	56	85651	15.258	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	84479	17.228	ug/l	99
36) 1,1-Dichloropropene	7.93	75	74404	17.465	ug/l	97
37) Ethyl Acetate	7.09	43	142432	18.494	ug/l	99
38) Carbon Tetrachloride	7.91	117	72859	17.548	ug/l	93

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

39) Methylcyclohexane	9.19	83	81669	15.281	ug/l	99
40) Benzene	8.17	78	229638	17.770	ug/l	98
41) Methacrylonitrile	7.35	41	101640m	16.767	ug/l	
42) 1,2-Dichloroethane	8.25	62	79864	19.026	ug/l	100
43) Isopropyl Acetate	8.28	43	185128	18.675	ug/l	99
44) Trichloroethene	8.95	130	60720	17.327	ug/l	98
45) 1,2-Dichloropropane	9.22	63	56875	17.571	ug/l	99
46) Dibromomethane	9.31	93	42464	18.713	ug/l	97
47) Bromodichloromethane	9.50	83	78504	17.686	ug/l #	92
48) Methyl methacrylate	9.30	41	82888	18.525	ug/l	97
49) 1,4-Dioxane	9.30	88	44102	383.963	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	719594	96.589	ug/l	99
52) Toluene	10.25	92	141504	17.072	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	90777	18.026	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	97780	17.944	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	60255	18.436	ug/l	97
56) Ethyl methacrylate	10.52	69	103976	18.070	ug/l	98
57) 1,3-Dichloropropane	10.80	76	103729	18.588	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	264650	103.187	ug/l	99
59) 2-Hexanone	10.84	43	616502	88.935	ug/l	98
60) Dibromochloromethane	10.99	129	63904	18.493	ug/l	99
61) 1,2-Dibromoethane	11.10	107	64216	18.497	ug/l	100
64) Tetrachloroethene	10.72	164	59685	17.515	ug/l	96
65) Chlorobenzene	11.52	112	152142	17.610	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	57972	18.770	ug/l	97
67) Ethyl Benzene	11.60	91	259946	16.831	ug/l	100
68) m/p-Xylenes	11.70	106	199469	33.849	ug/l	98
69) o-Xylene	12.03	106	100287	17.665	ug/l	96
70) Styrene	12.05	104	166506	17.027	ug/l	98
71) Bromoform	12.21	173	47840	18.771	ug/l #	100
73) Isopropylbenzene	12.33	105	249447	16.632	ug/l	99
74) N-amyl acetate	12.14	43	137258	17.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	96876	18.927	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	86669m	18.547	ug/l	
77) Bromobenzene	12.61	156	60708	17.261	ug/l	97
78) n-propylbenzene	12.67	91	283640	16.191	ug/l	99
79) 2-Chlorotoluene	12.75	91	169350	16.790	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	211008	16.861	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	39064	16.781	ug/l #	87
82) 4-Chlorotoluene	12.86	91	175527	17.182	ug/l	100
83) tert-Butylbenzene	13.07	119	177906	16.356	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	209494	16.755	ug/l	100
85) sec-Butylbenzene	13.25	105	241544	16.111	ug/l	100
86) p-Isopropyltoluene	13.37	119	215147	16.319	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	112950	17.720	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	113839	17.146	ug/l	99
89) n-Butylbenzene	13.70	91	191465	15.409	ug/l	98
90) Hexachloroethane	13.96	117	41501	16.641	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	114378	17.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31774	18.339	ug/l	98

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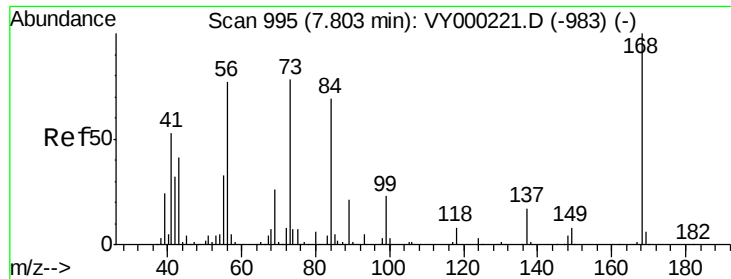
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	76312	17.421	ug/l	99
94) Hexachlorobutadiene	15.11	225	34456	16.460	ug/l	97
95) Naphthalene	15.23	128	297832	18.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	73050	17.337	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion:168 Resp: 253848

Ion Ratio Lower Upper

168 100

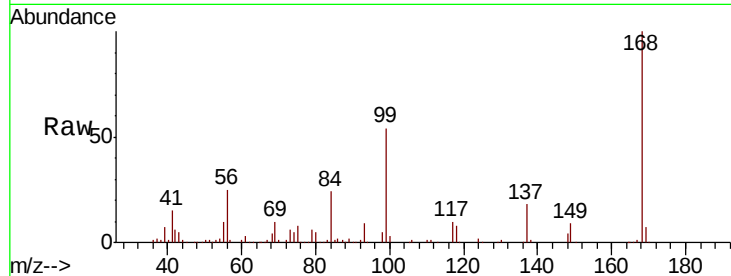
99 53.6 45.0 67.6

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

80000

60000

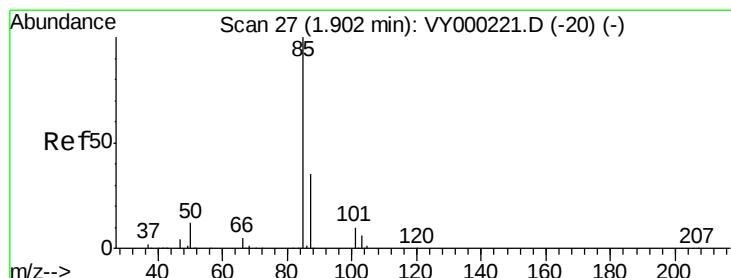
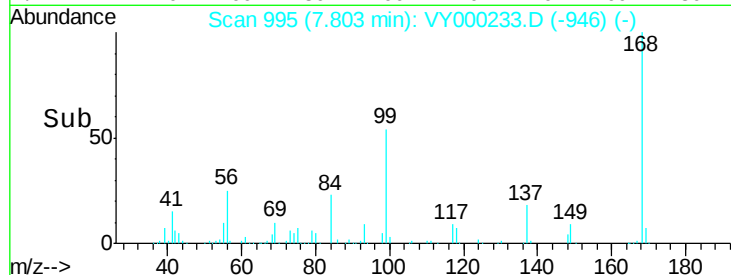
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.375 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000233.D

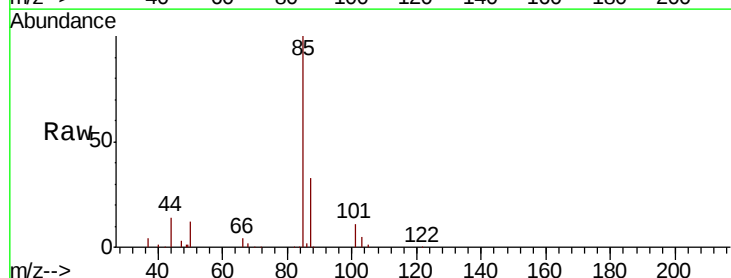
Acq: 08 Oct 2019 21:06

Tgt Ion: 85 Resp: 44032

Ion Ratio Lower Upper

85 100

87 33.2 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

30000

25000

20000

15000

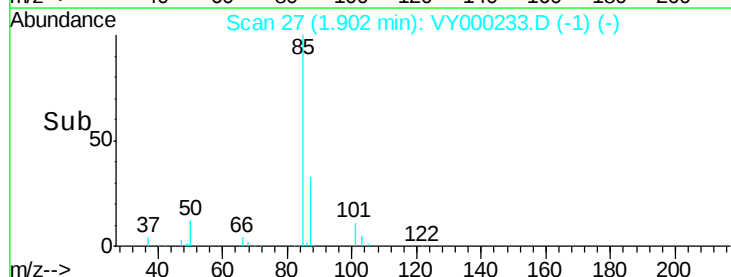
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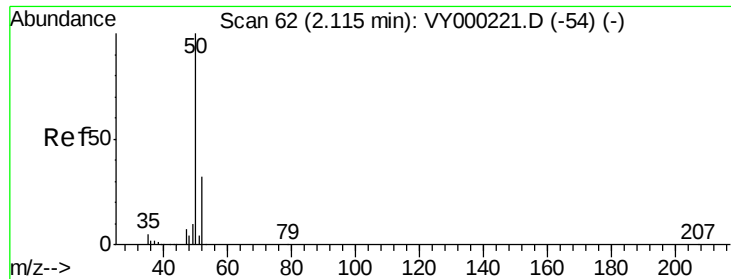
5000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.444 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion: 50 Resp: 63654

Ion Ratio Lower Upper

50 100

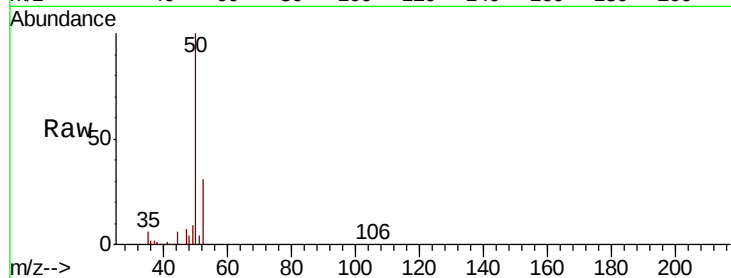
52 31.2 25.4 38.0

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

50000

40000

30000

20000

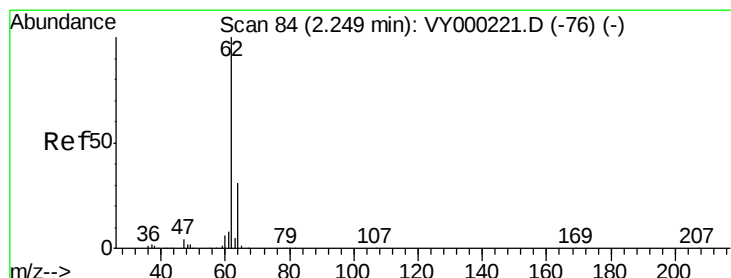
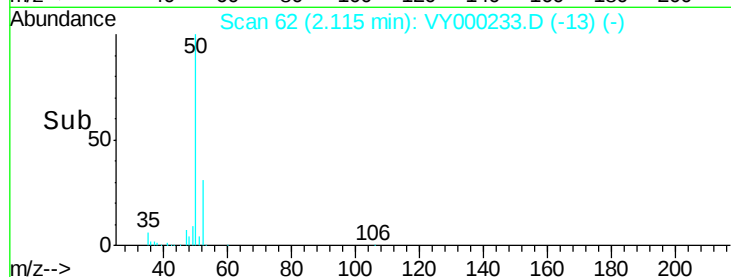
10000

0

Time-->

2.05 2.10 2.15 2.20 2.25

2.12



#4

Vinyl Chloride

Concen: 17.871 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000233.D

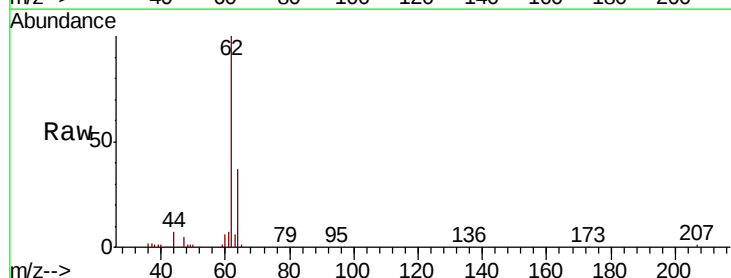
Acq: 08 Oct 2019 21:06

Tgt Ion: 62 Resp: 63678

Ion Ratio Lower Upper

62 100

64 37.0 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

40000

30000

20000

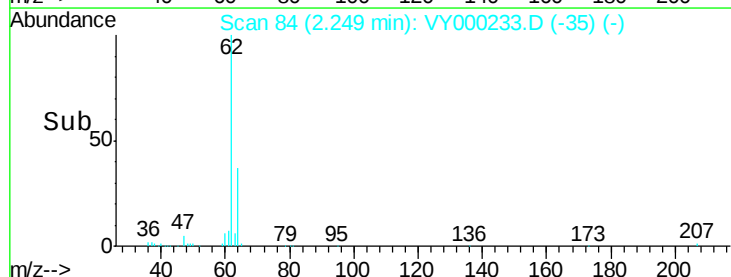
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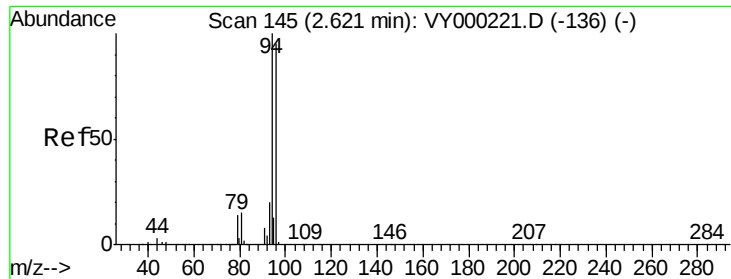
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Time-->

2.20 2.30 2.40

2.25





#5

Bromomethane

Concen: 21.446 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.02 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion: 94 Resp: 48214

Ion Ratio Lower Upper

94 100

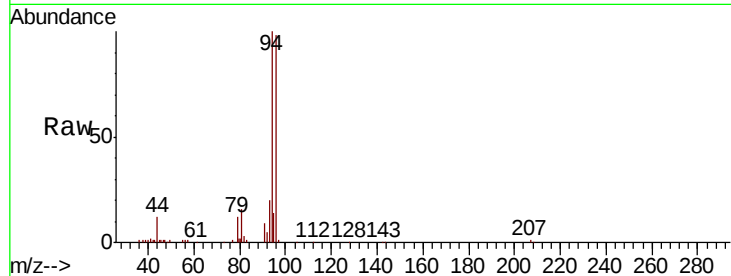
96 97.3 75.7 113.5

Manual Integrations

APPROVED

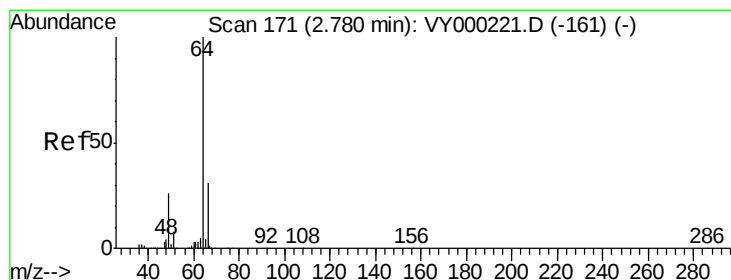
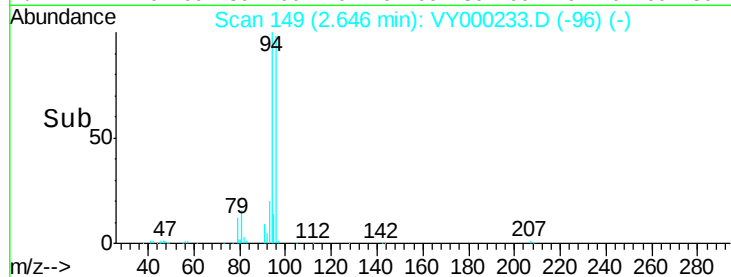
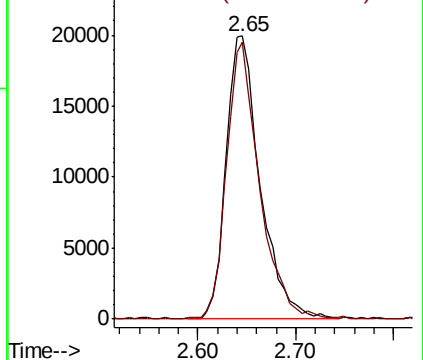
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.901 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.02 min

Lab File: VY000233.D

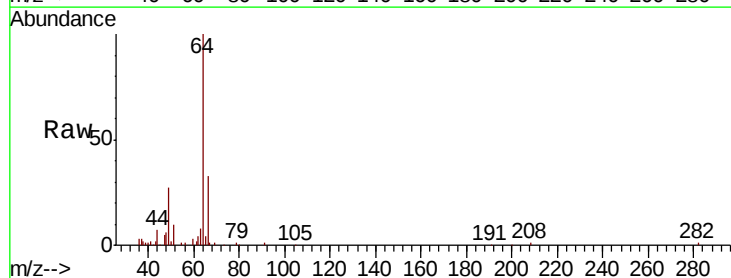
Acq: 08 Oct 2019 21:06

Tgt Ion: 64 Resp: 40287

Ion Ratio Lower Upper

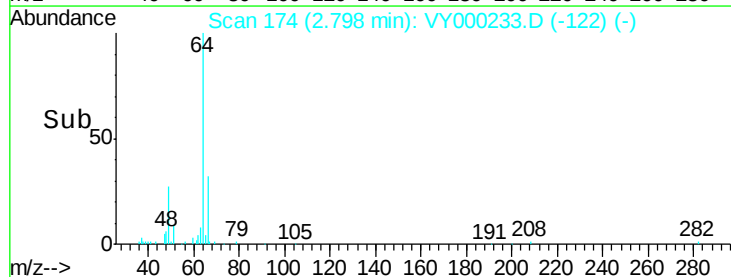
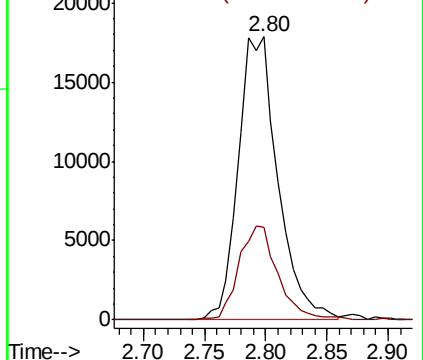
64 100

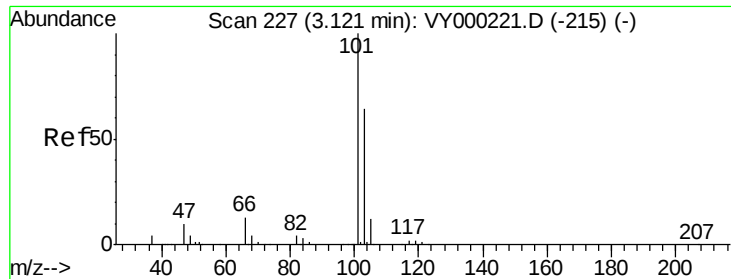
66 32.2 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

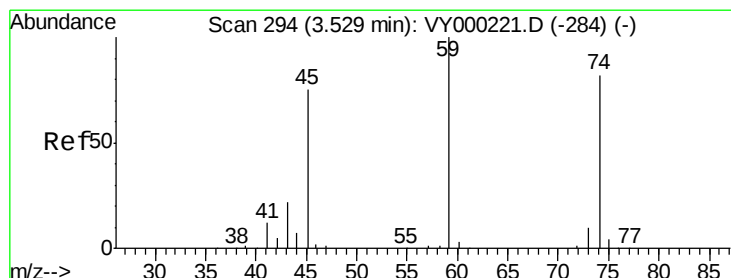
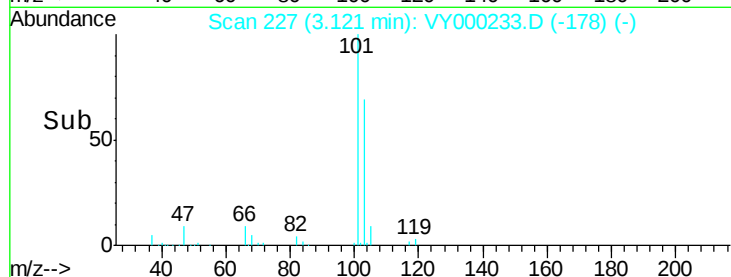
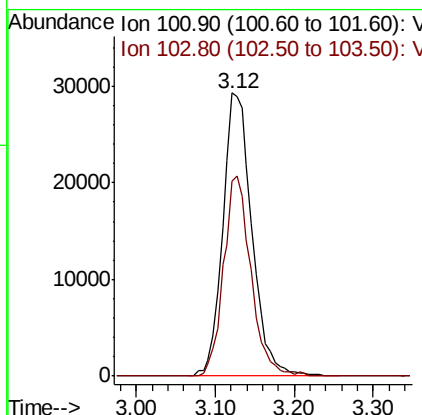
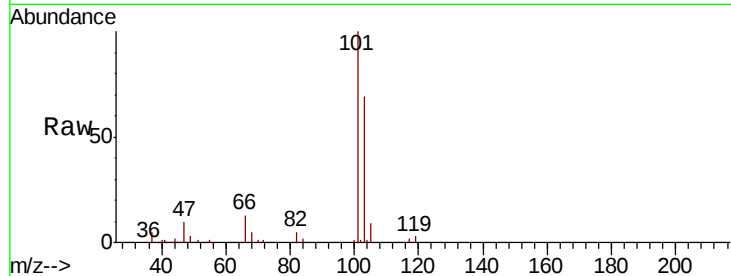
Trichlorofluoromethane
 Concen: 16.316 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

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 VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.9	51.0	76.6

Manual Integrations
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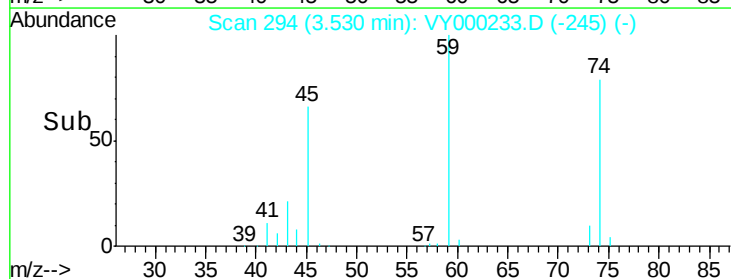
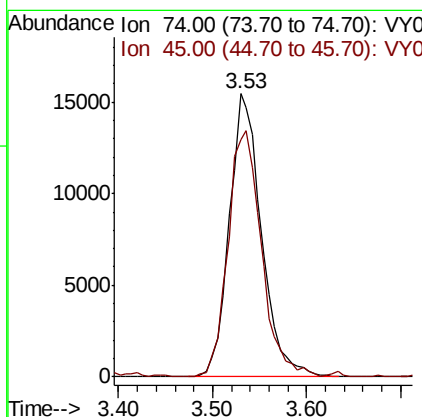
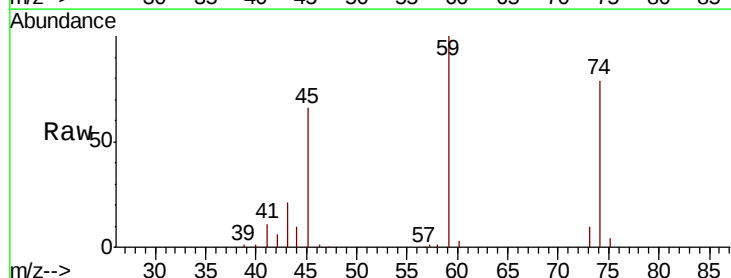
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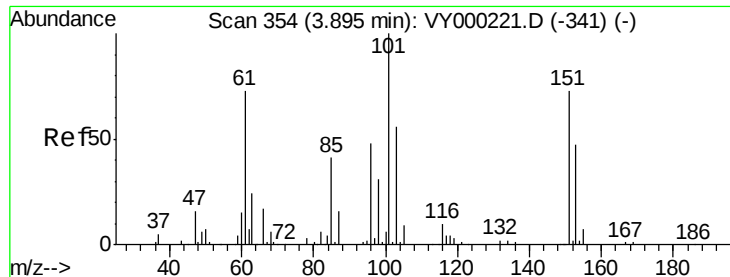


#8

Diethyl Ether
 Concen: 17.430 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	45.8	137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.195 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

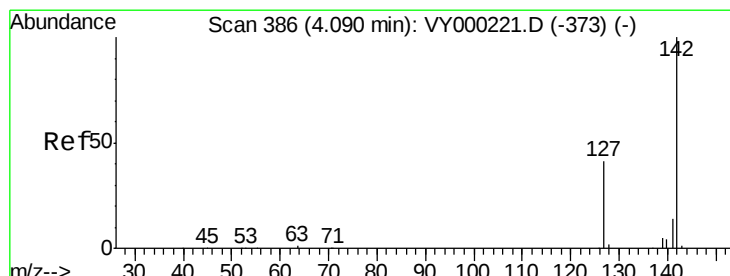
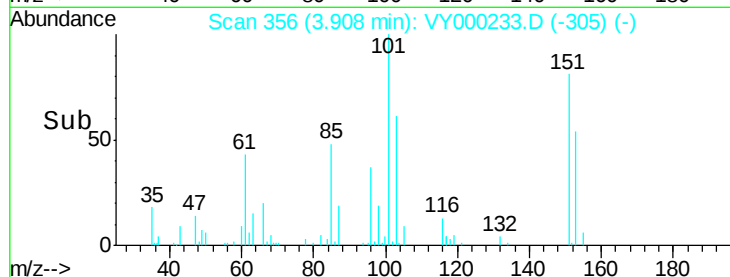
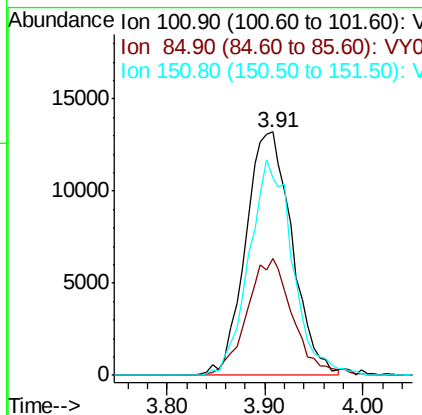
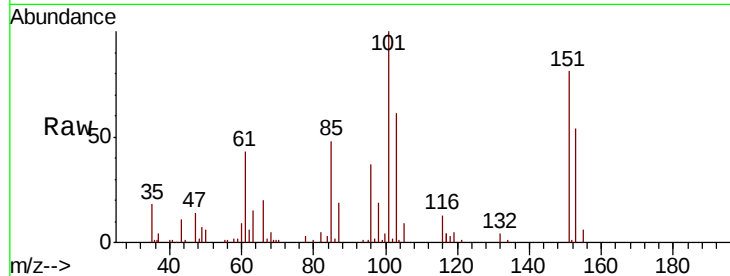
ClientSampleId :

VY1008WBSD01

Tot Ion:	101	Resp:	43538
Ion Ratio	Lower	Upper	
101	100		
85	47.2	37.0	55.6
151	83.2	63.0	94.4

Manual Integrations
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#10

Methyl Iodide

Concen: 15.548 ug/l

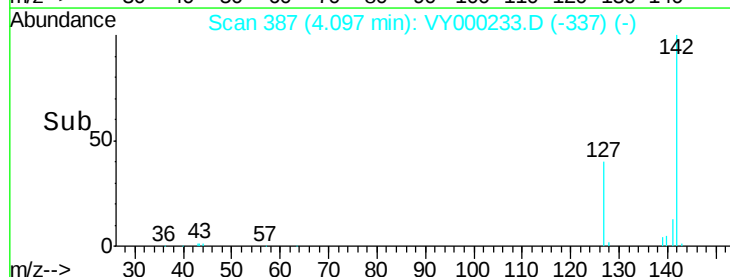
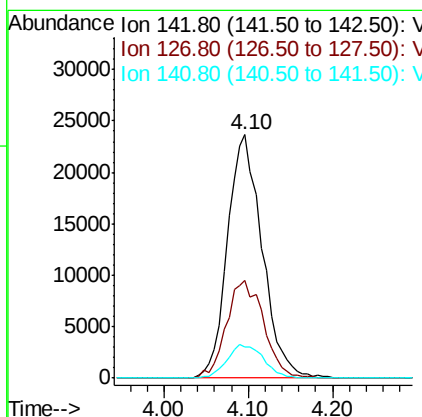
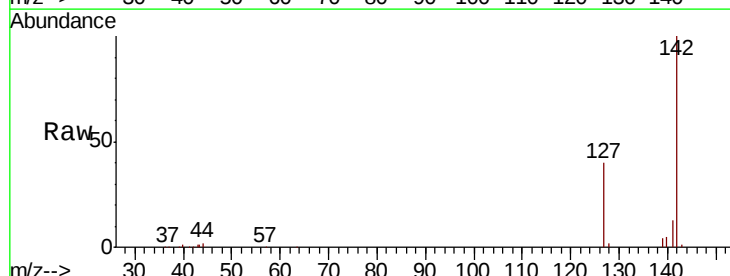
RT: 4.10 min Scan# 387

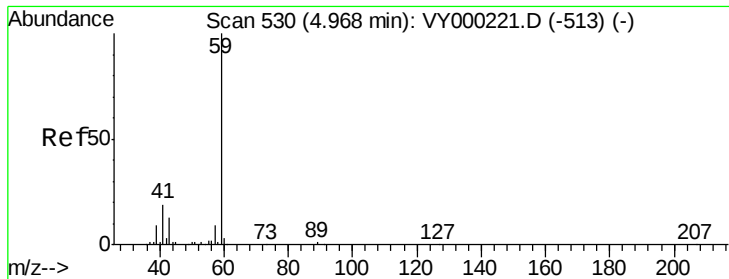
Delta R.T. 0.01 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Tgt Ion:	142	Resp:	66144
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.0	49.6
141	14.4	11.0	16.4





#11

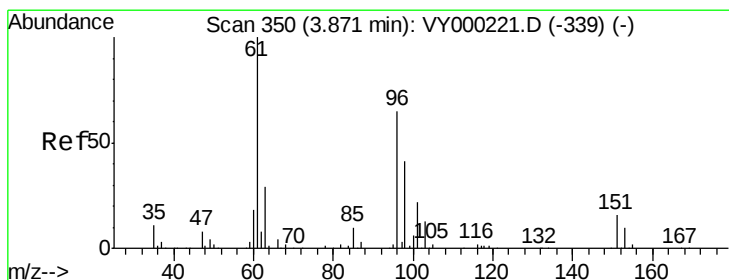
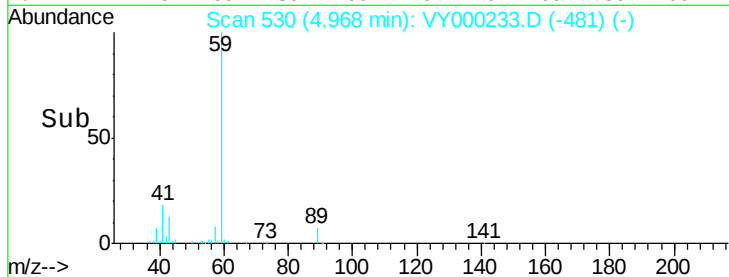
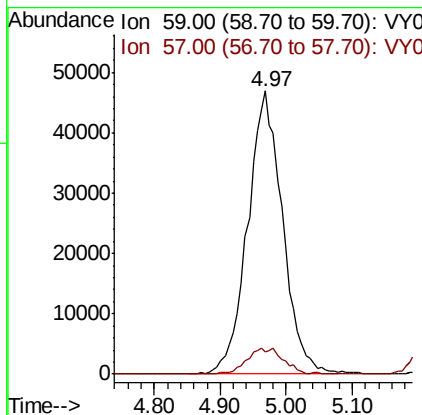
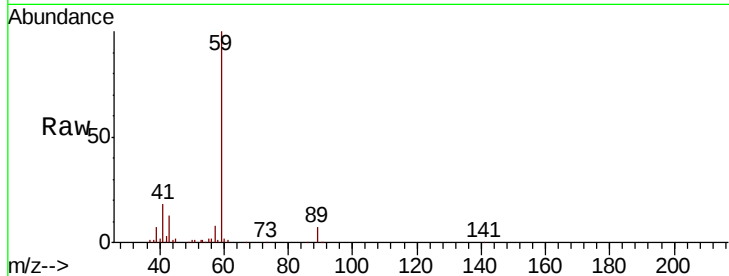
Tert butyl alcohol
 Concen: 96.935 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.0	12.0

Manual Integrations
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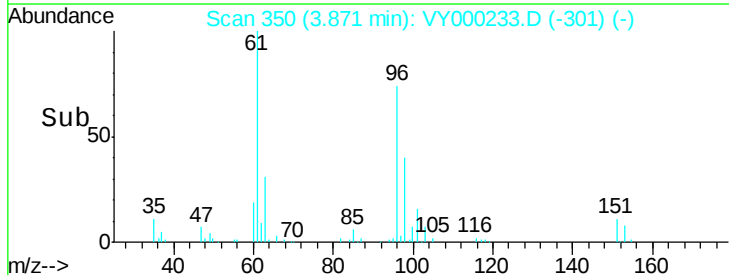
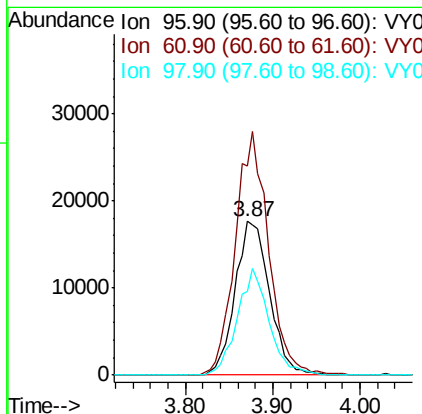
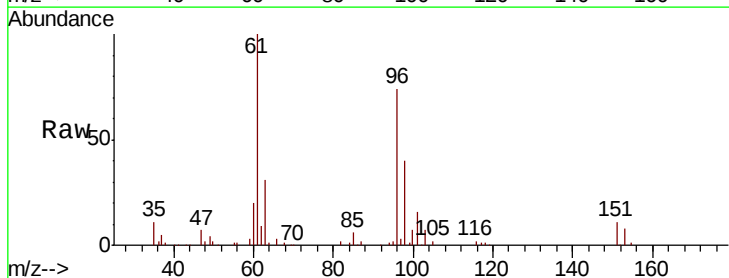
MMDadoda
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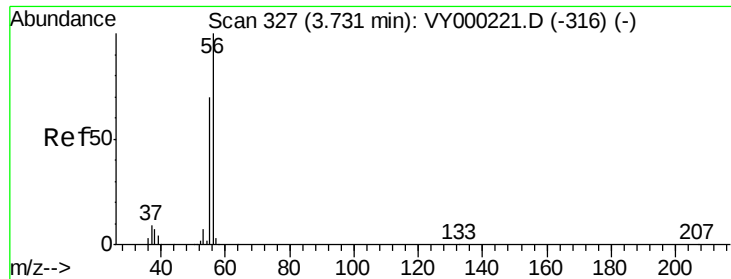


#12

1,1-Dichloroethene
 Concen: 17.343 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.0	123.8	185.8
98	54.4	50.9	76.3





#13

Acrolein

Concen: 85.088 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion: 56 Resp: 79221

Ion Ratio Lower Upper

56 100

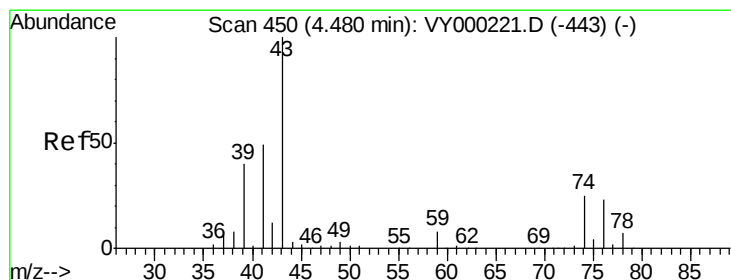
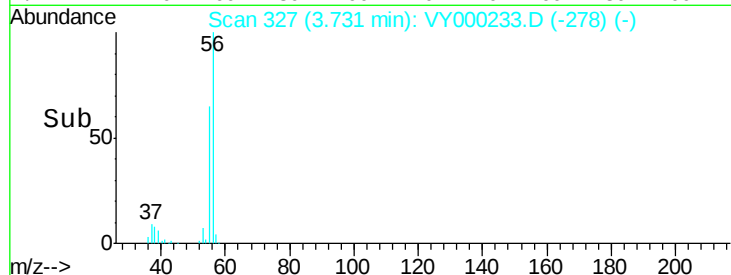
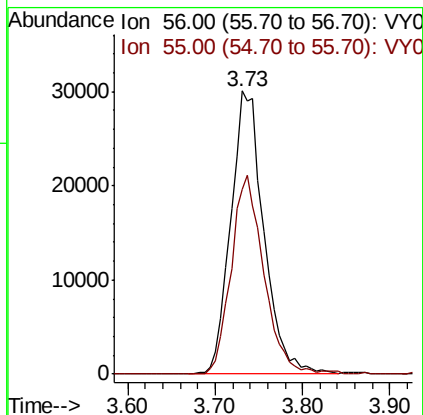
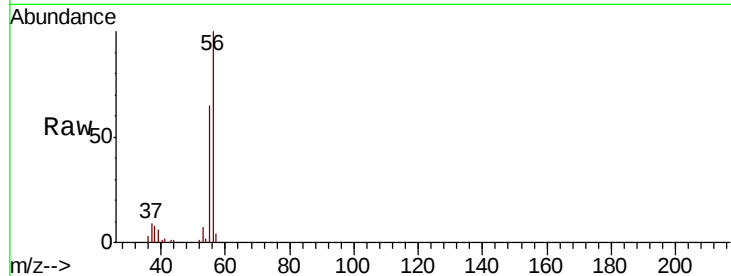
55 69.1 55.2 82.8

Manual Integrations

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#14

Allyl chloride

Concen: 16.680 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

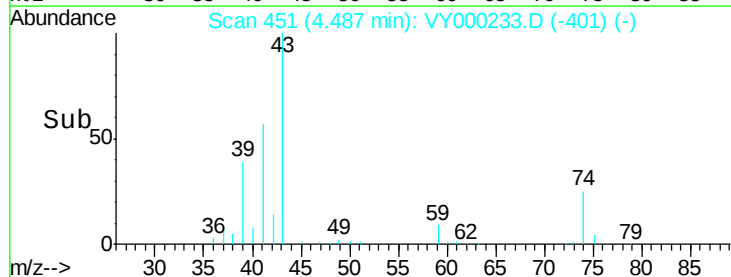
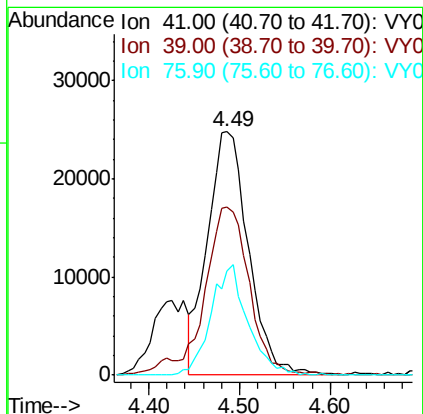
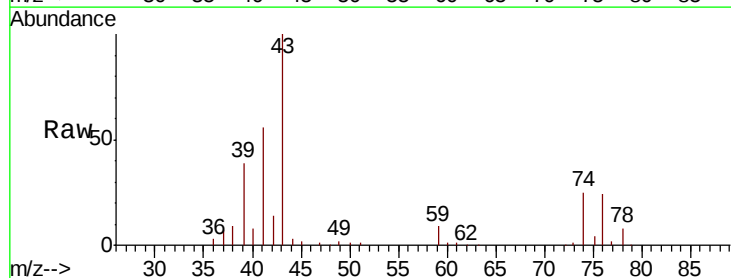
Tgt Ion: 41 Resp: 78442

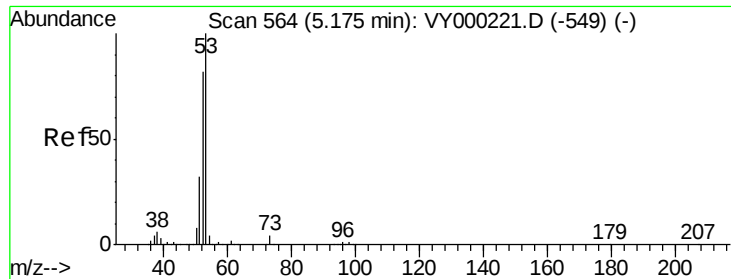
Ion Ratio Lower Upper

41 100

39 70.6 56.4 84.6

76 40.6 30.8 46.2





#15

Acrylonitrile

Concen: 90.938 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

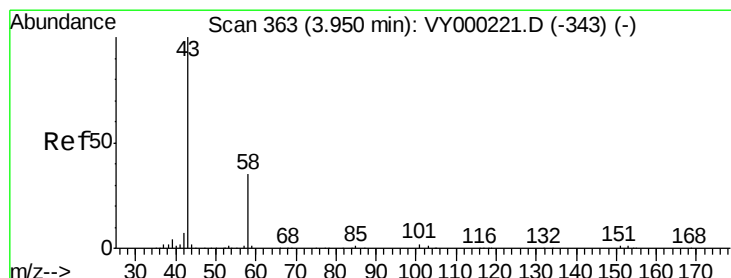
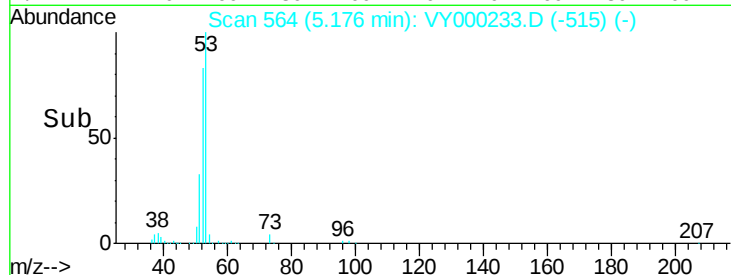
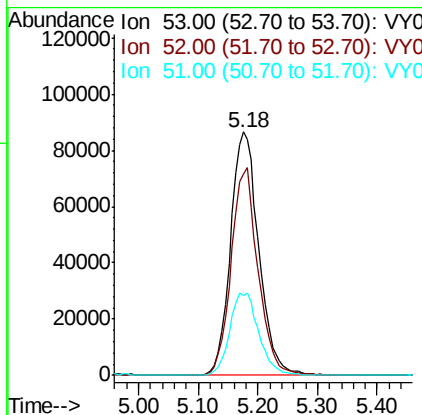
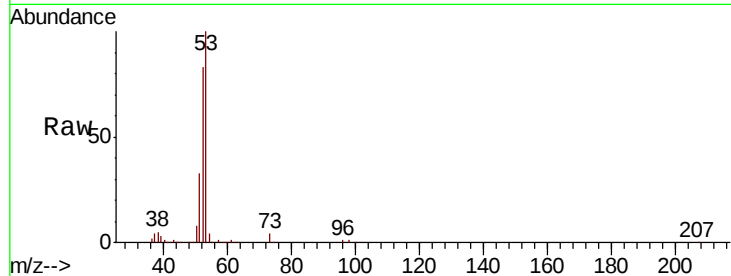
ClientSampleId :

VY1008WBSD01

Tot Ion:	53	Resp:	284730
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.4	98.2
51	35.1	27.2	40.8

Manual Integrations
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#16

Acetone

Concen: 98.875 ug/l

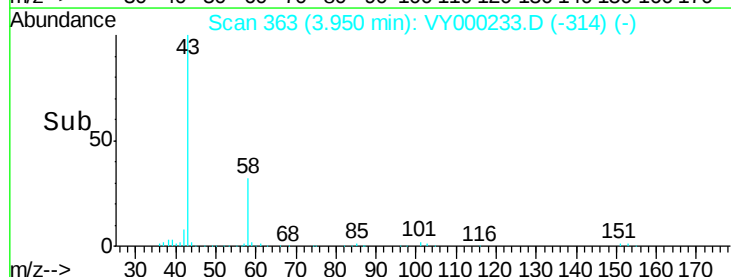
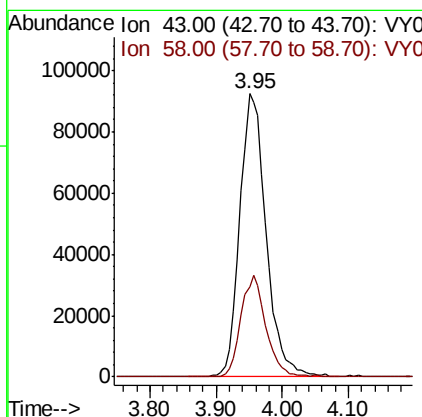
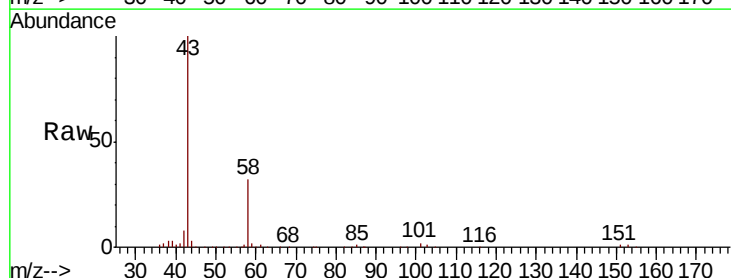
RT: 3.95 min Scan# 363

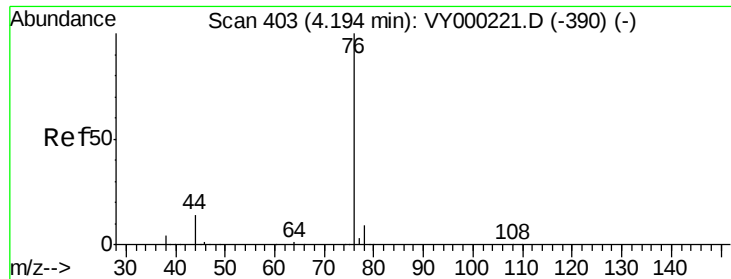
Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Tgt Ion:	43	Resp:	255670
Ion Ratio	Lower	Upper	
43	100		
58	31.9	28.2	42.4





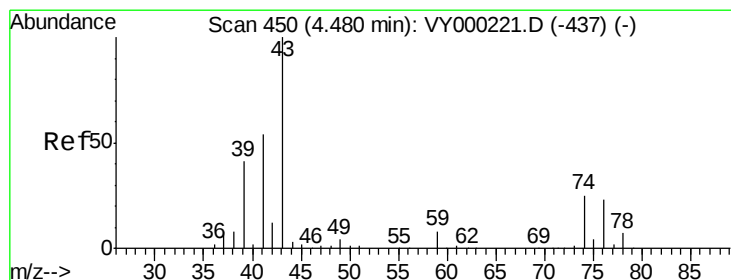
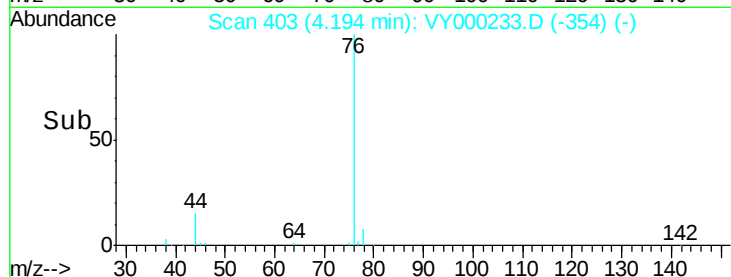
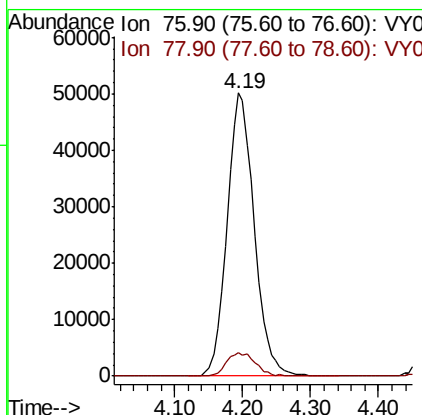
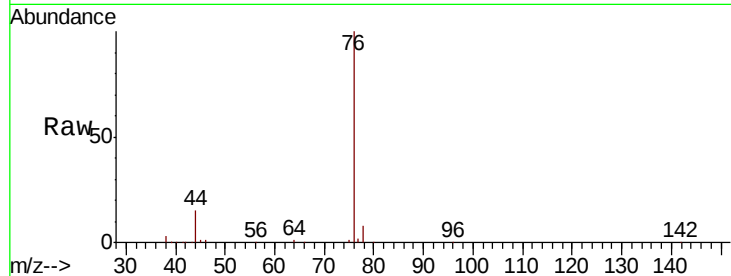
#17
Carbon Disulfide
Concen: 16.822 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion: 76 Resp: 138377
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

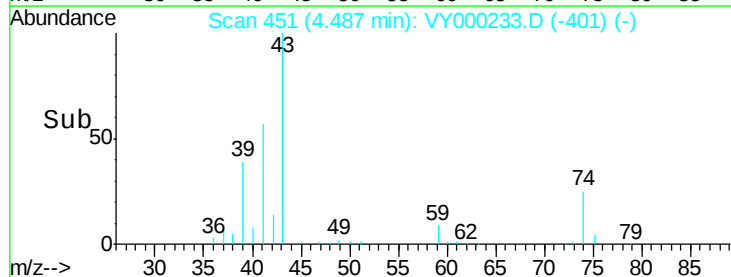
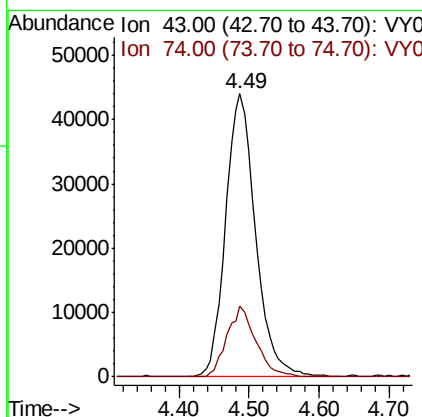
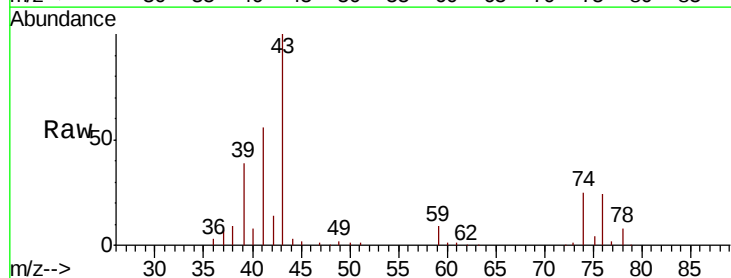
Manual Integrations
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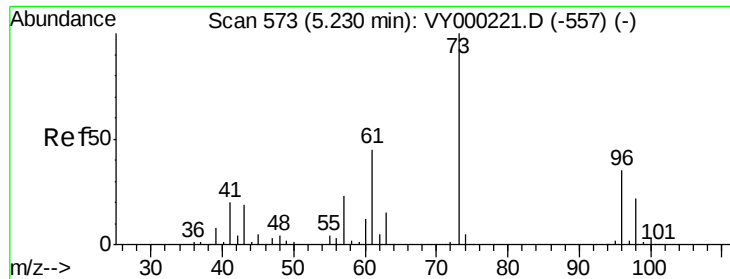
MMDadoda
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#18
Methyl Acetate
Concen: 18.528 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion: 43 Resp: 131295
Ion Ratio Lower Upper
43 100
74 24.0 19.1 28.7





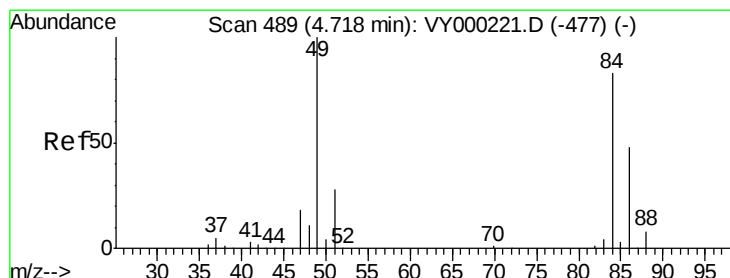
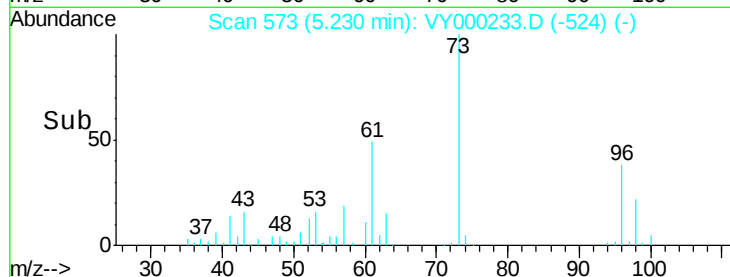
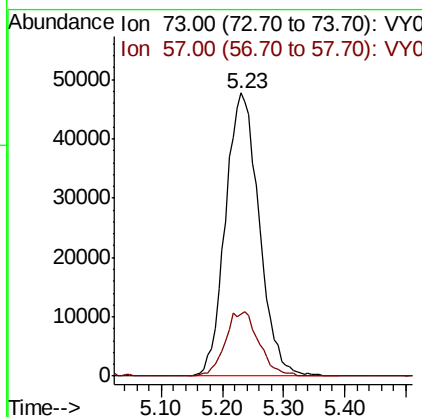
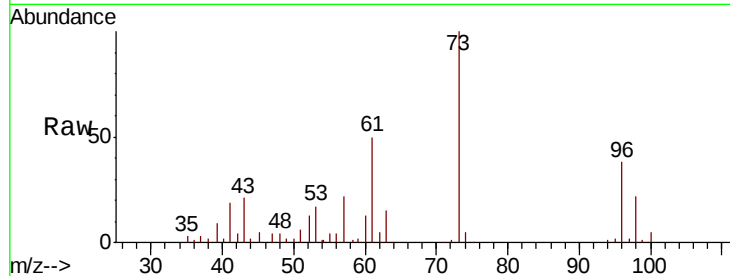
#19
Methvl tert-butvl Ether
Concen: 17.708 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion: 73 Resp: 180812
Ion Ratio Lower Upper
73 100
57 21.8 18.4 27.6

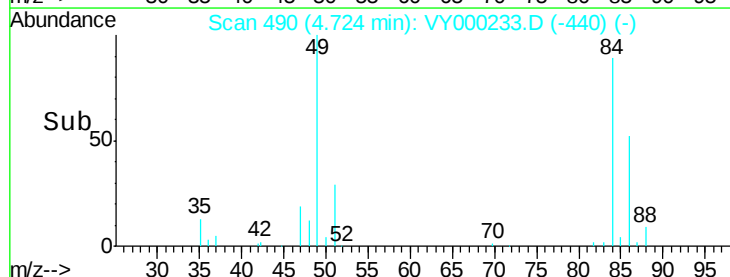
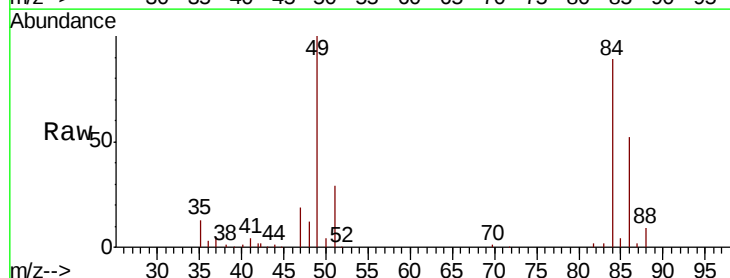
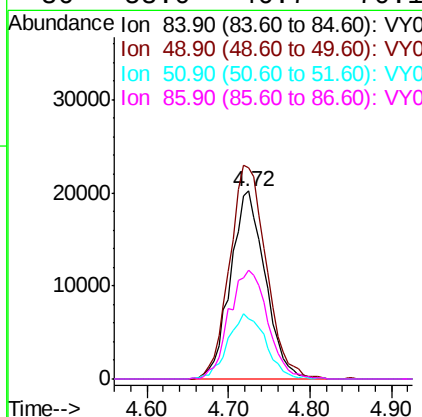
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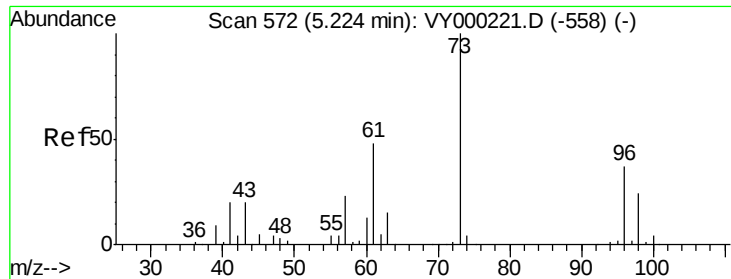
MMDadoda
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#20
Methylene Chloride
Concen: 17.574 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion: 84 Resp: 59698
Ion Ratio Lower Upper
84 100
49 112.2 96.2 144.2
51 32.3 26.6 39.8
86 58.0 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 17.361 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion: 96 Resp: 54508

Ion Ratio Lower Upper

96 100

61 129.1 104.2 156.2

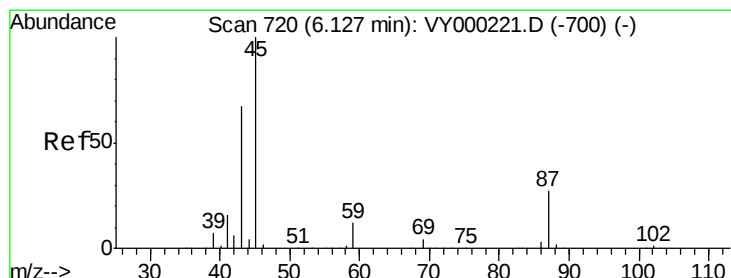
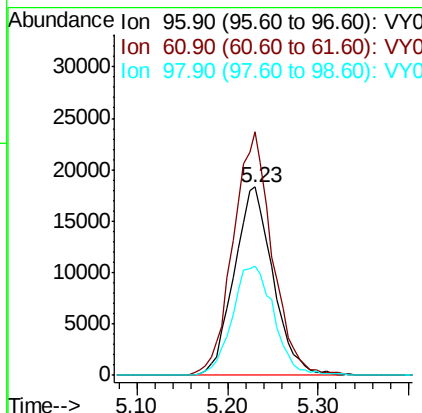
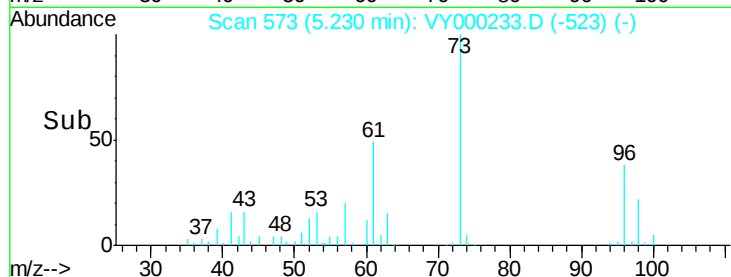
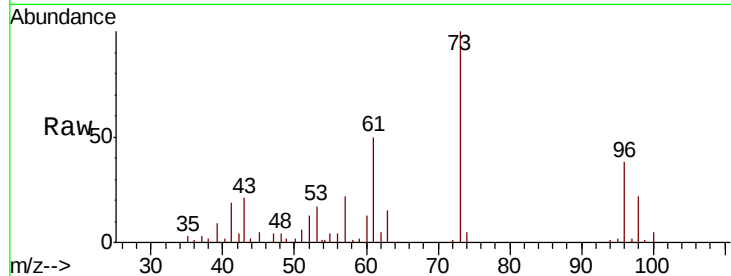
98 58.3 51.0 76.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 17.453 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Tgt Ion: 45 Resp: 190156

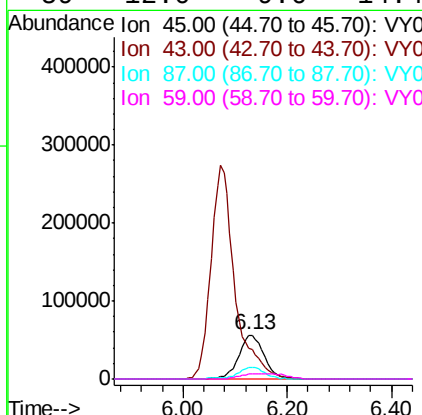
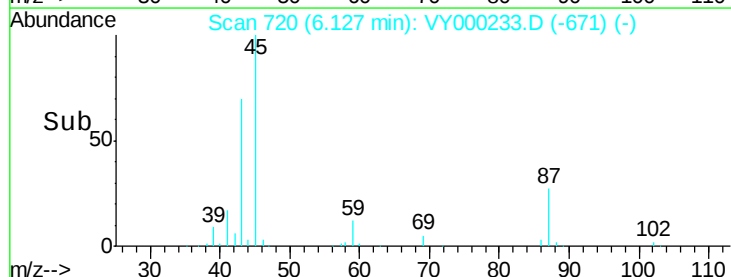
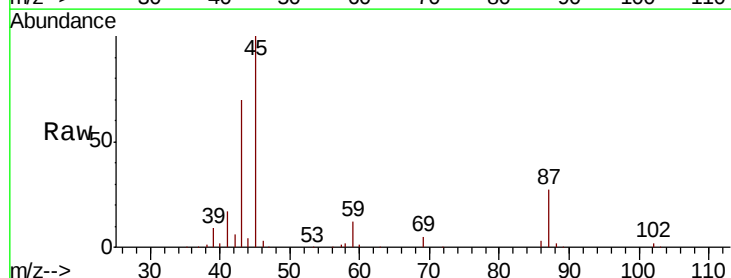
Ion Ratio Lower Upper

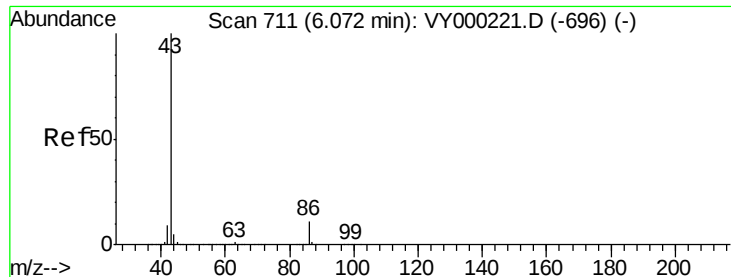
45 100

43 69.4 53.4 80.2

87 27.1 21.7 32.5

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 83.510 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion: 43 Resp: 883138

Ion Ratio Lower Upper

43 100

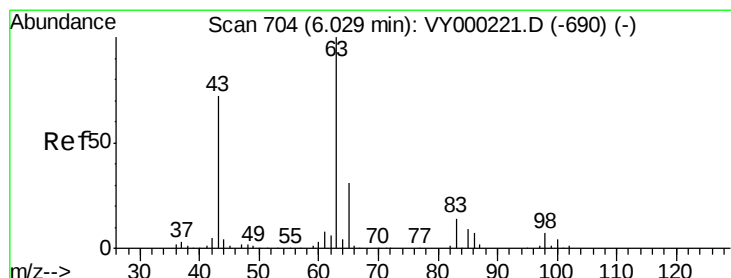
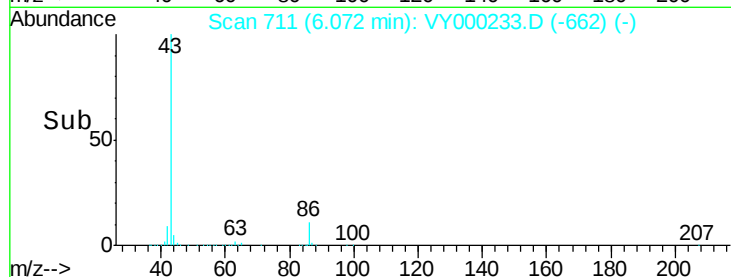
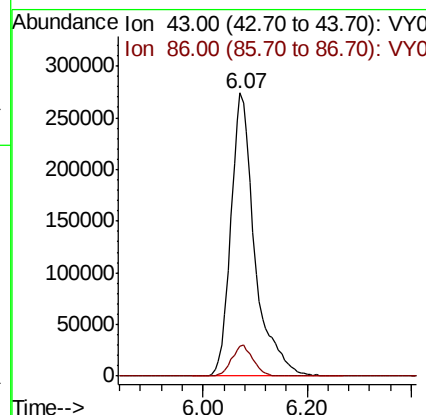
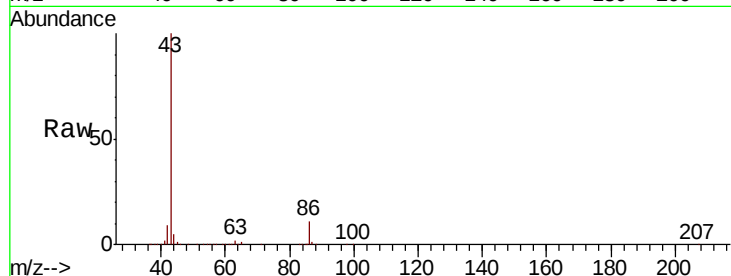
86 10.8 8.5 12.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.061 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

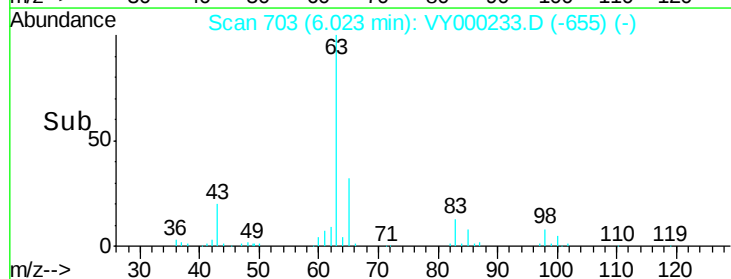
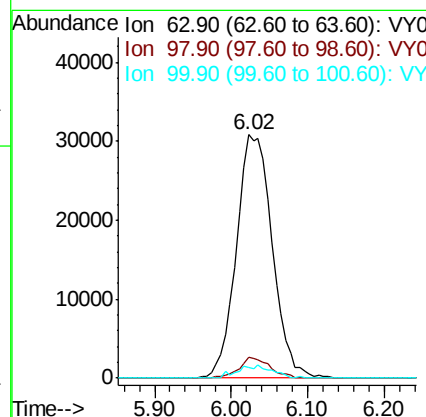
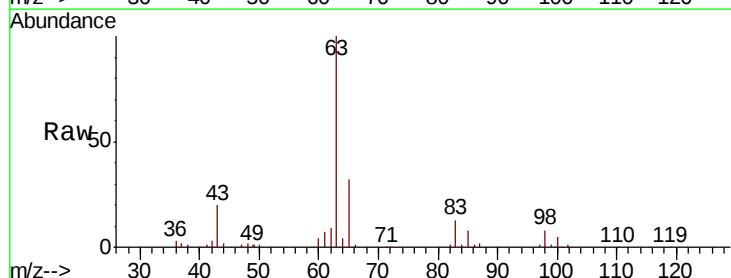
Tgt Ion: 63 Resp: 100375

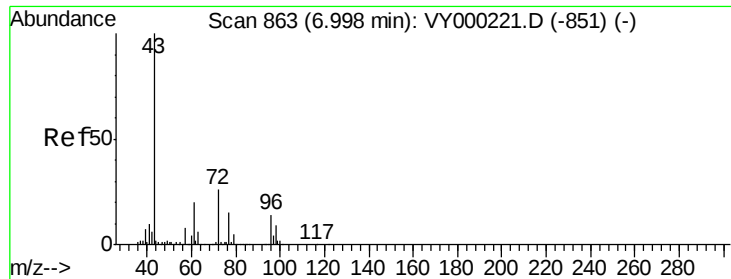
Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.6

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 96.711 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Tot Ion: 43 Resp: 462631

Ion Ratio Lower Upper

43 100

72 27.1 20.6 31.0

Instrument :

MSVOA_Y

ClientSampleId :

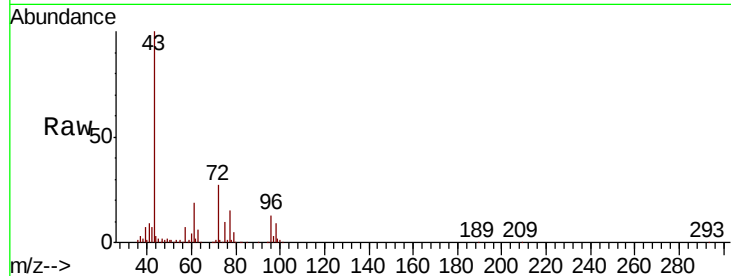
VY1008WBSD01

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

200000

150000

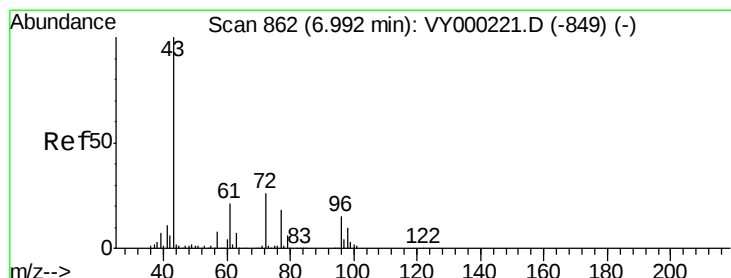
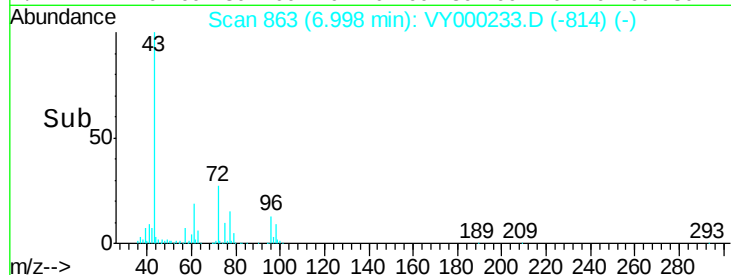
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 15.872 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000233.D

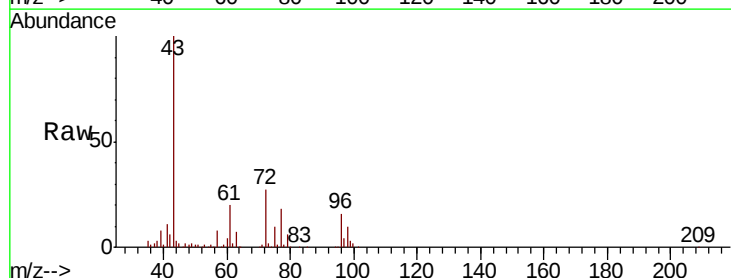
Acq: 08 Oct 2019 21:06

Tgt Ion: 77 Resp: 79626

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

30000

25000

20000

15000

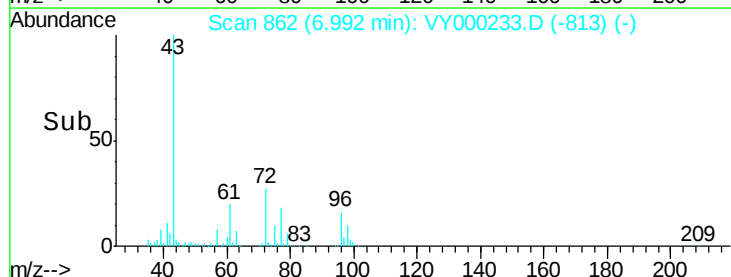
10000

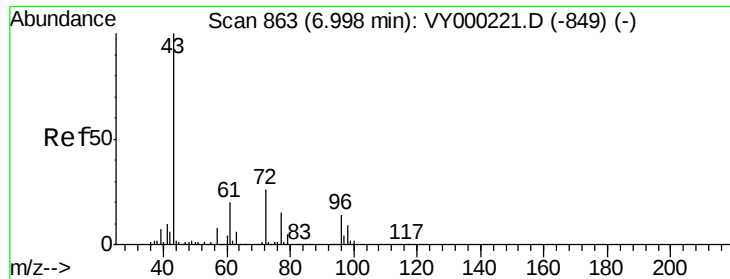
5000

0

6.90 7.00 7.10

Time-->





#27

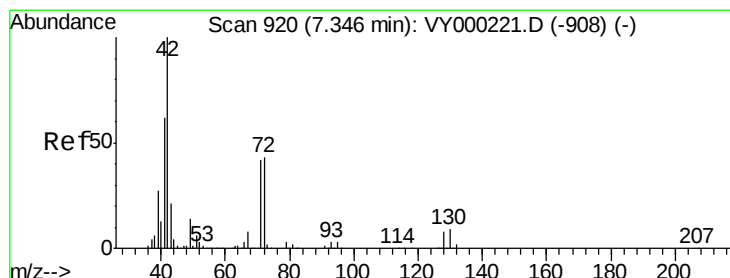
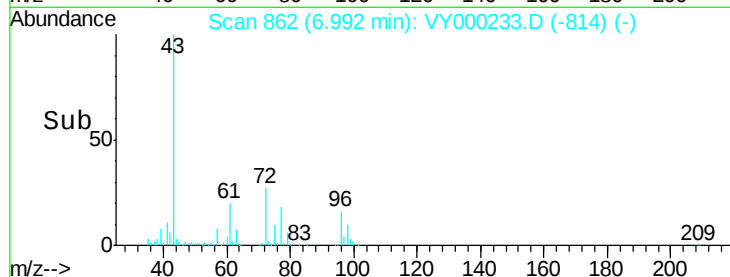
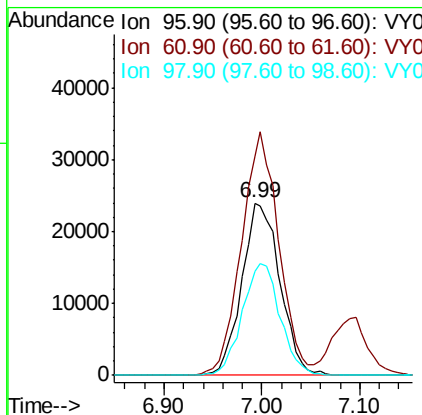
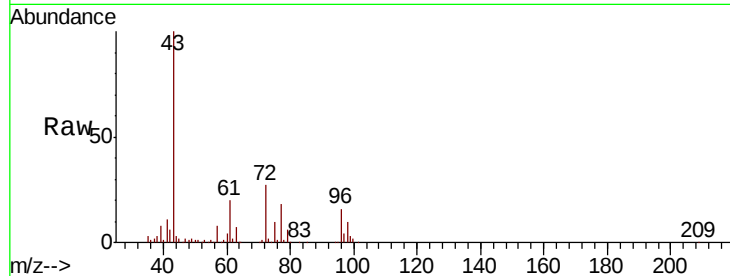
cis-1,2-Dichloroethene
Concen: 17.454 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.3	0.0	282.6	
98	64.5	0.0	129.8	

Manual Integrations
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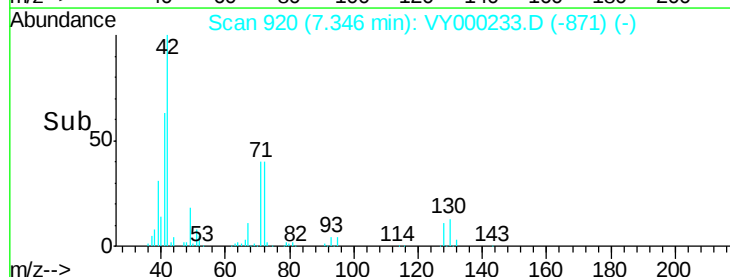
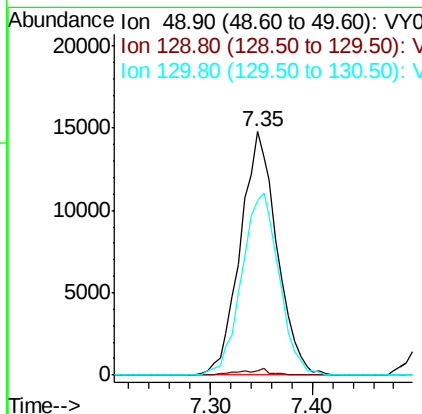
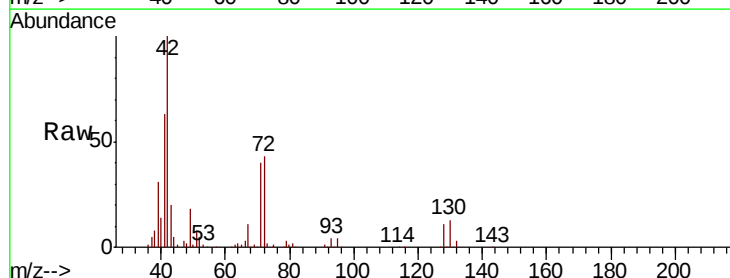
MMDadoda
10/10/2019 12:52:58 AM

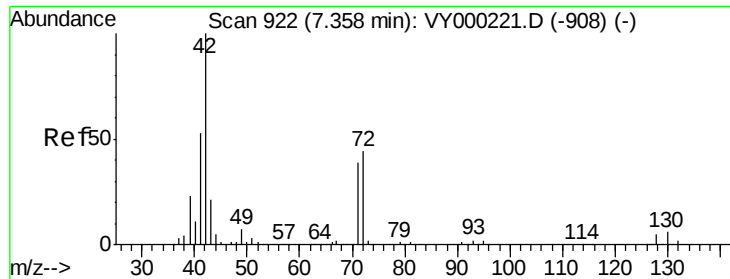


#28

Bromochloromethane
Concen: 20.164 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.2	
130	76.1	56.5	84.7	





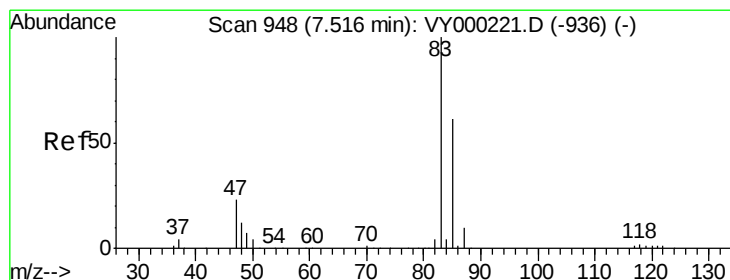
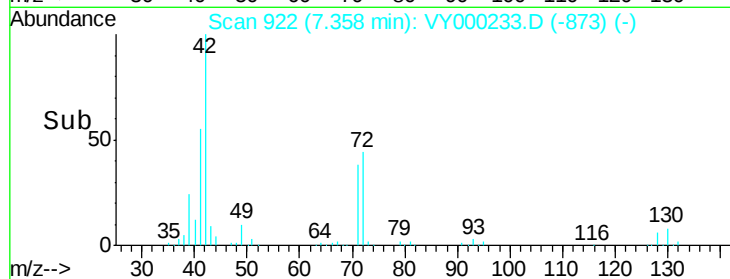
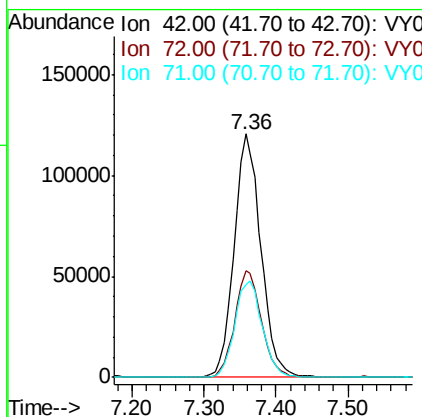
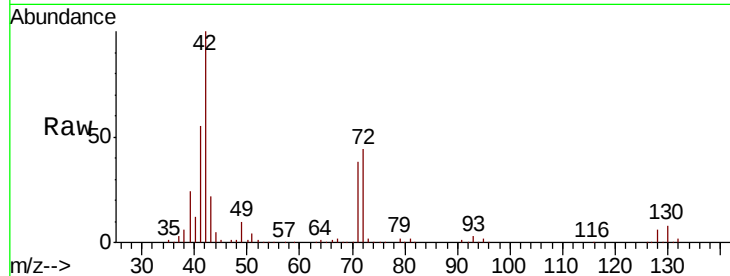
#29
Tetrahydrofuran
Concen: 91.930 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.6	51.8
71	40.6	31.9	47.9

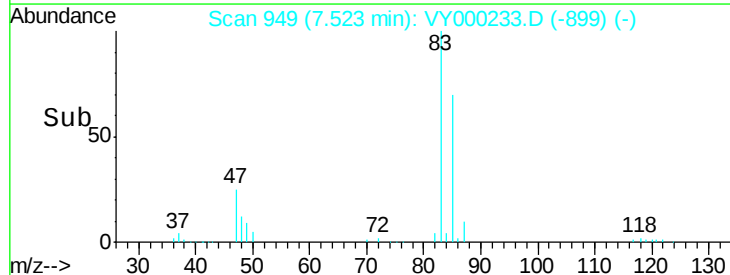
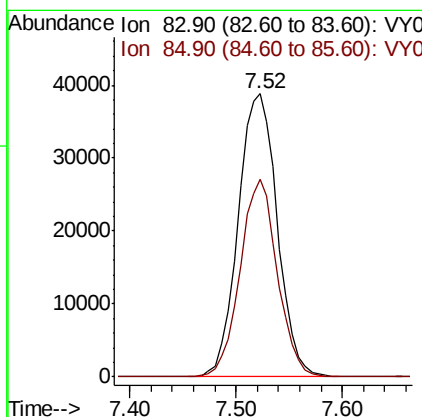
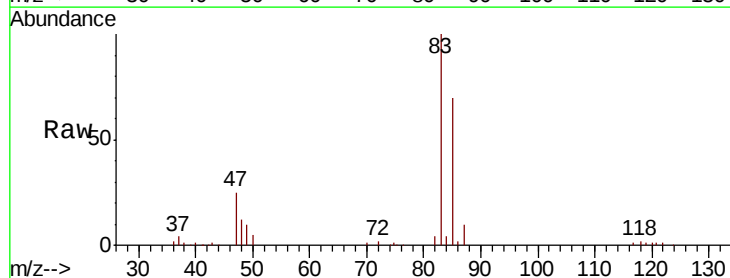
Manual Integrations
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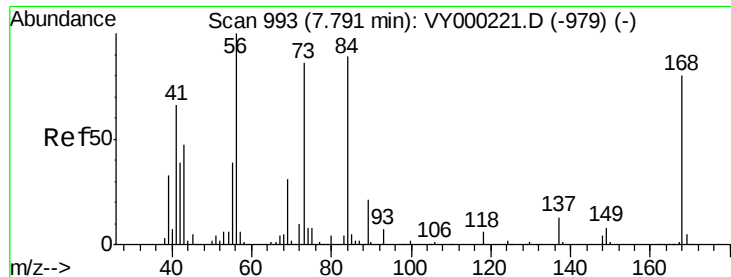
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10/10/2019 12:52:58 AM



#30
Chloroform
Concen: 17.291 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.8	48.9	73.3





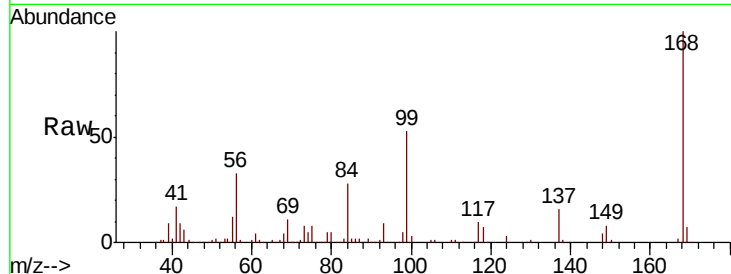
#31
Cvclohexane
Concen: 15.258 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

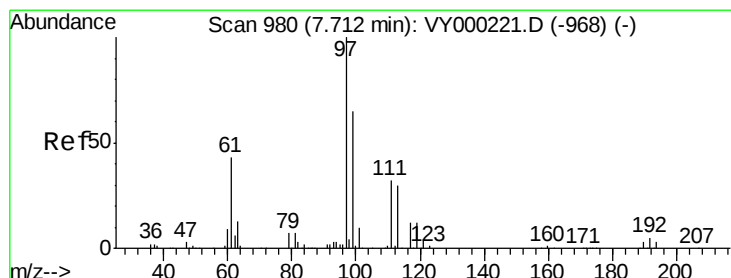
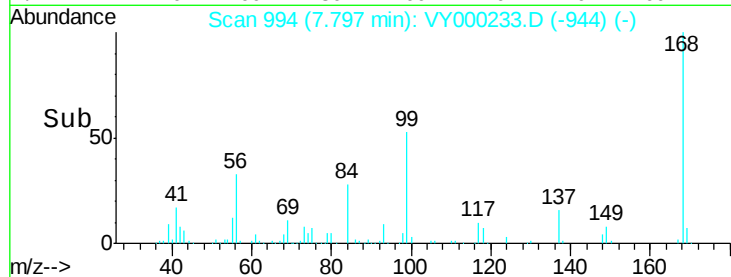
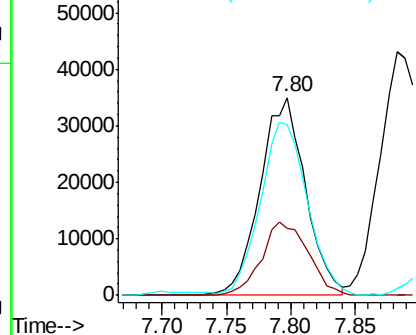
Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	24.7	37.1
84	84.8	71.3	106.9

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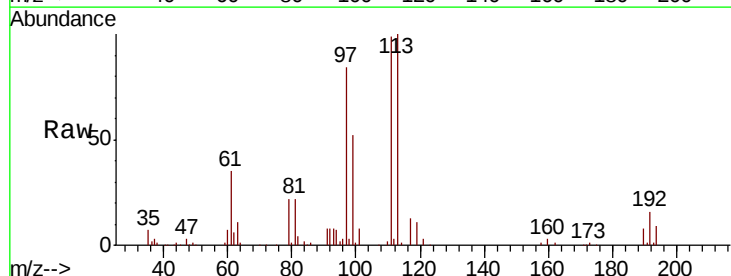


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

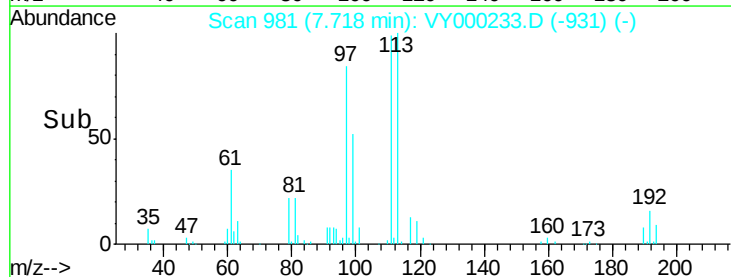
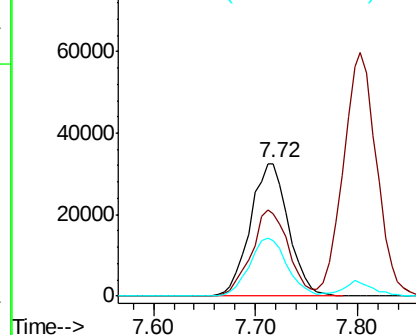


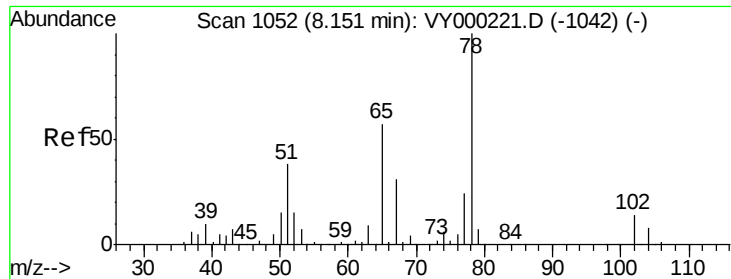
#32
1,1,1-Trichloroethane
Concen: 17.228 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.2
61	43.2	34.2	51.4



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





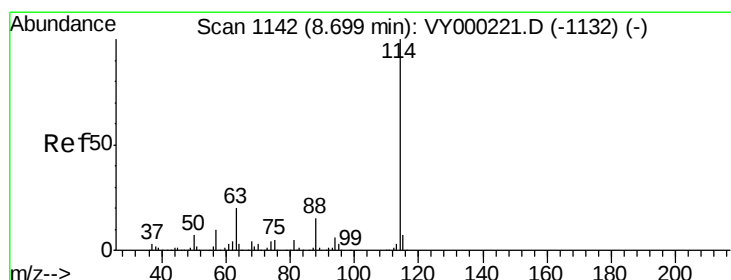
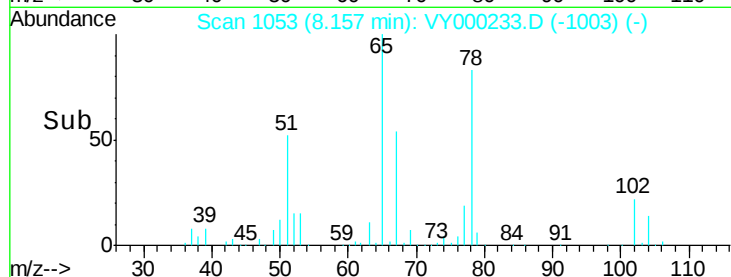
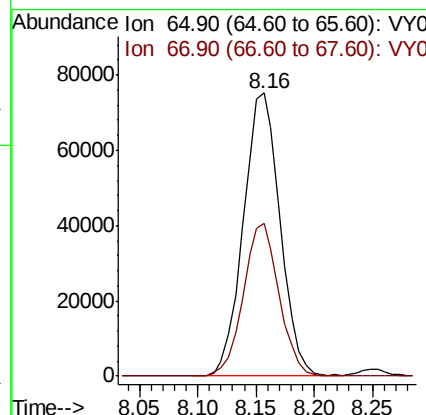
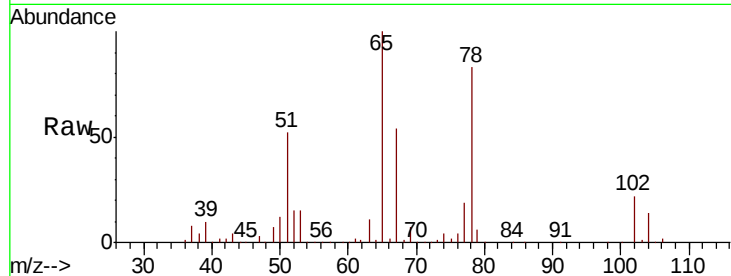
#33
 1,2-Dichloroethane-d4
 Concen: 50.624 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165282		
67	52.4	0.0	109.0	

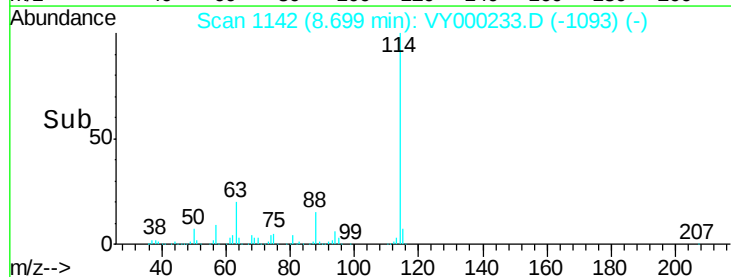
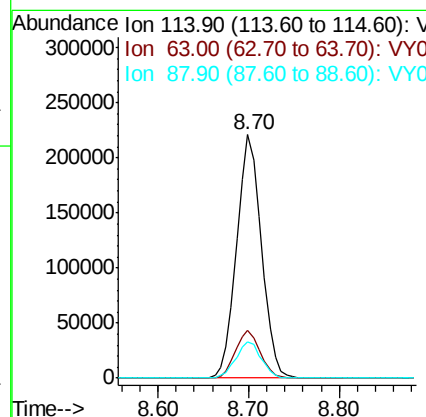
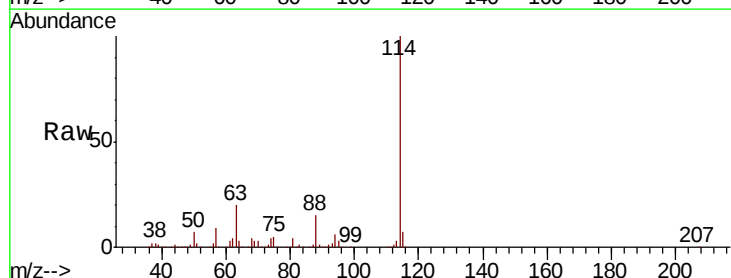
Manual Integrations
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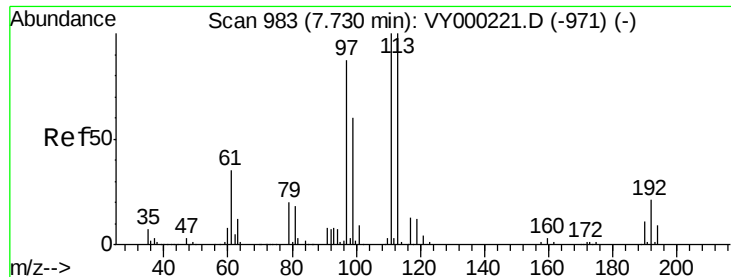
MMDadoda
 10/10/2019 12:52:58 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	418690		
63	19.7	0.0	39.0	
88	15.0	0.0	30.6	





#35

Dibromofluoromethane

Concen: 50.323 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

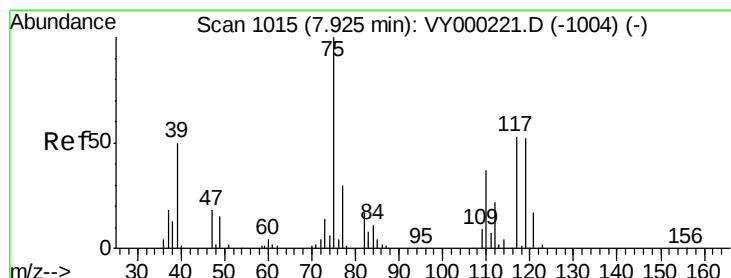
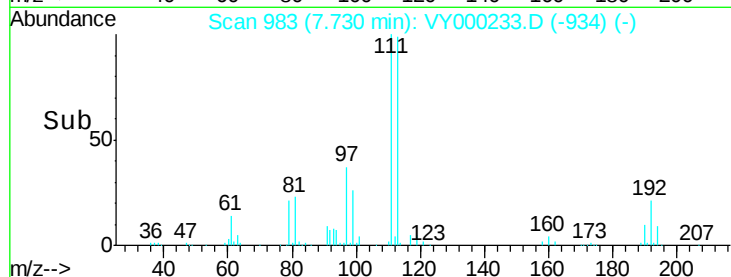
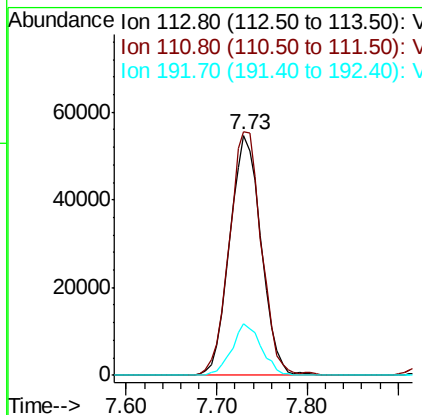
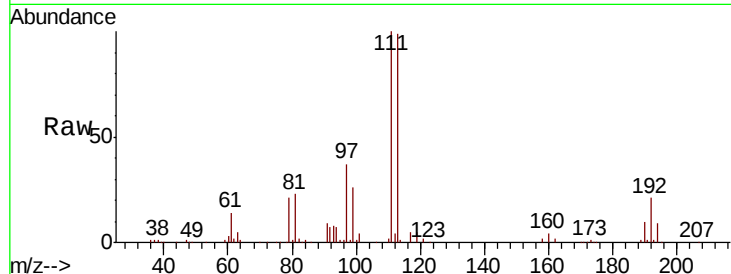
ClientSampleId :

VY1008WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131281		
111	103.3	82.6	124.0	
192	20.2	15.8	23.8	

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#36

1,1-Dichloropropene

Concen: 17.465 ug/l

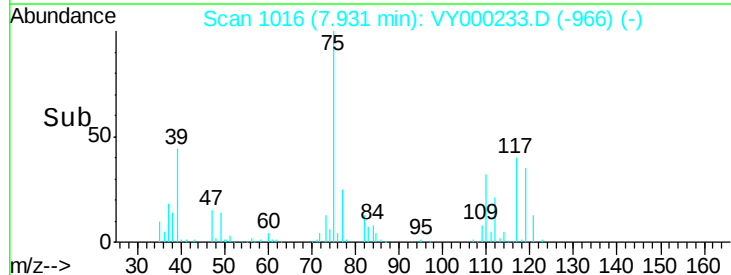
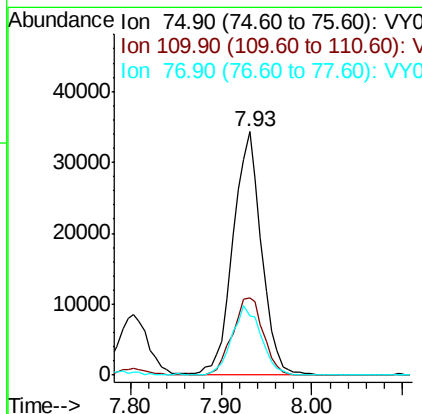
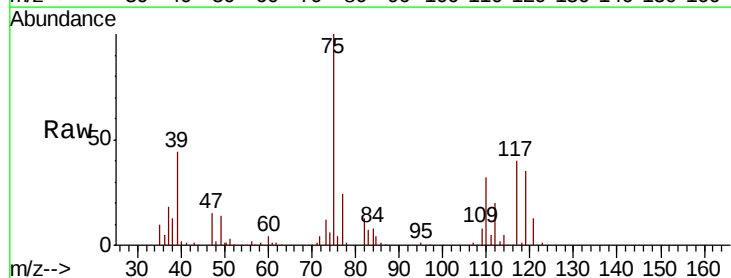
RT: 7.93 min Scan# 1016

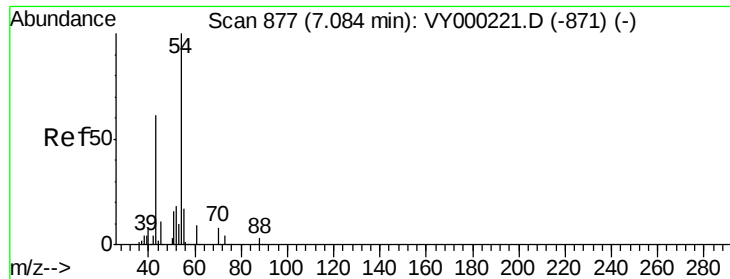
Delta R.T. 0.01 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74404		
110	34.6	18.4	55.2	
77	29.5	24.7	37.1	





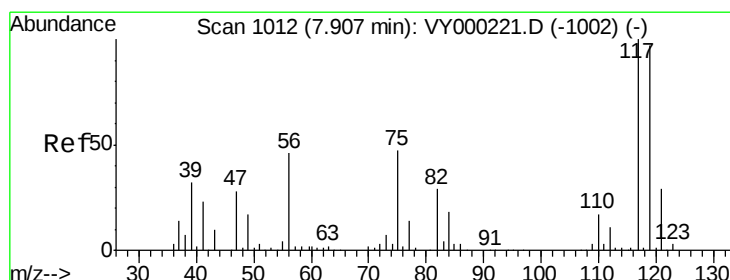
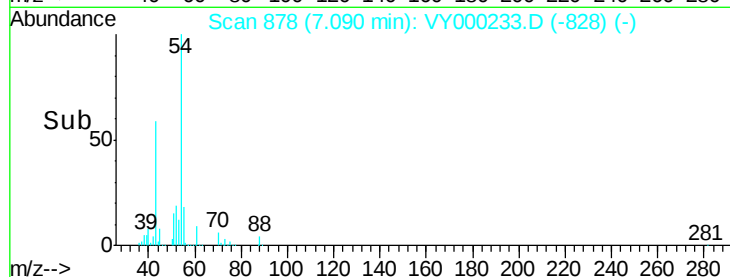
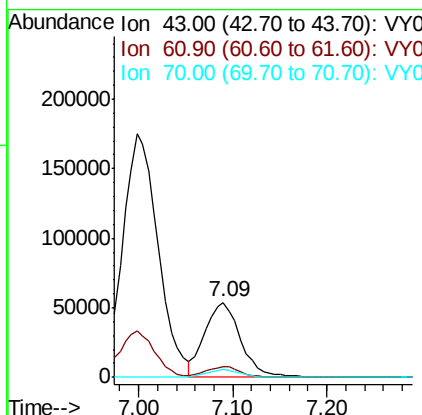
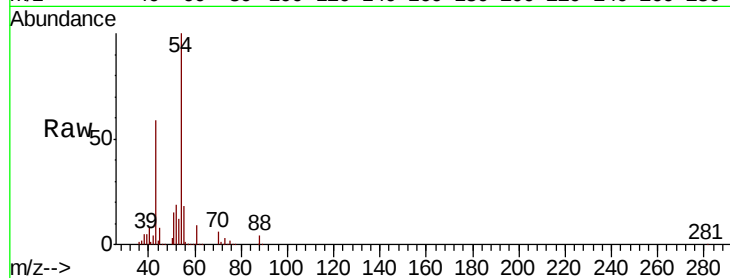
#37
Ethyl Acetate
Concen: 18.494 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	10.1	8.5	12.7

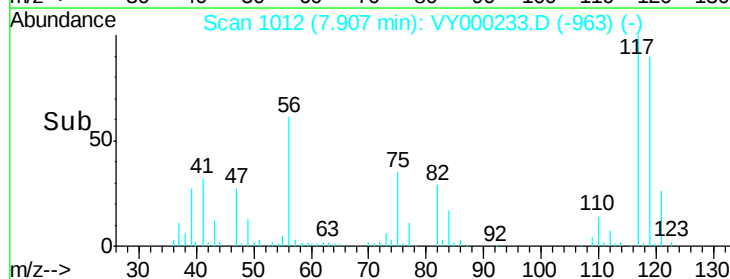
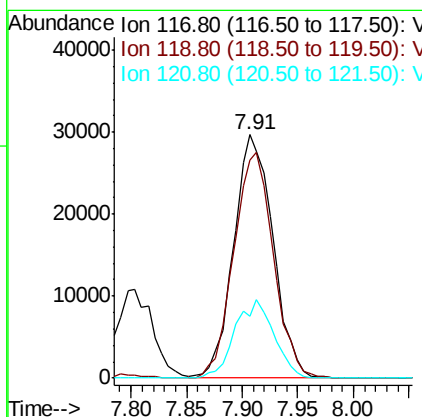
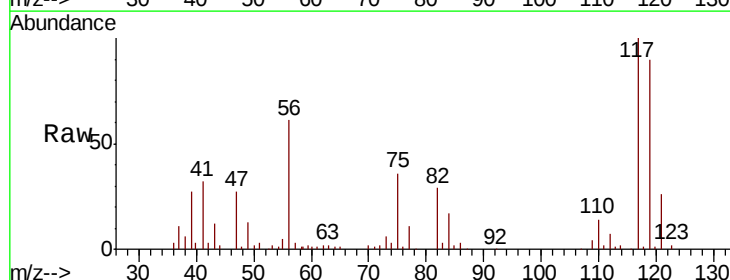
Manual Integrations
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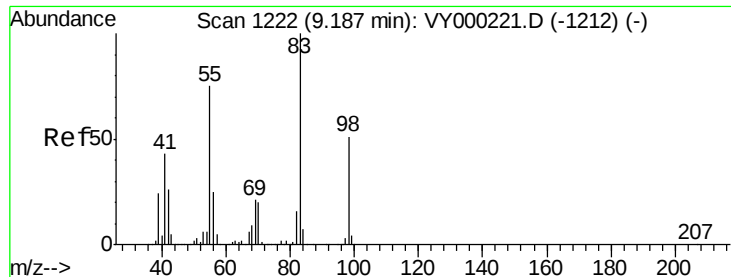
MMDadoda
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#38
Carbon Tetrachloride
Concen: 17.548 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	77.2	115.8
121	25.5	23.1	34.7





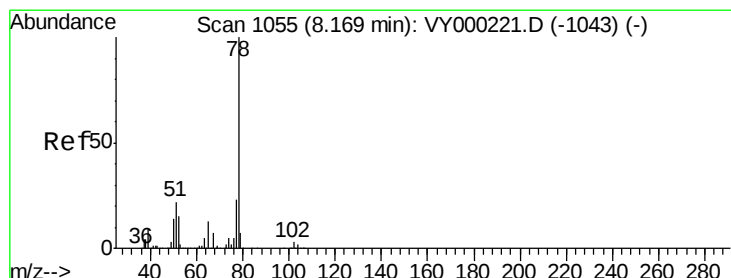
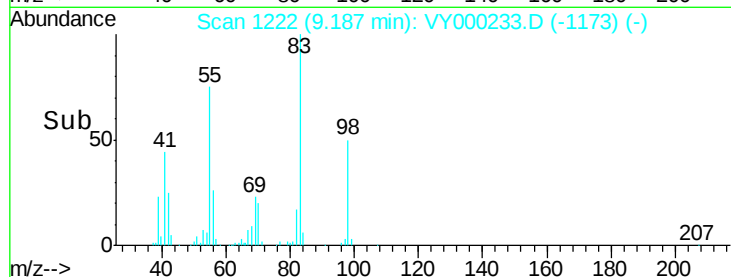
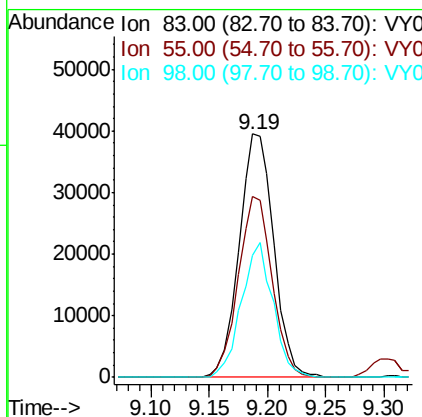
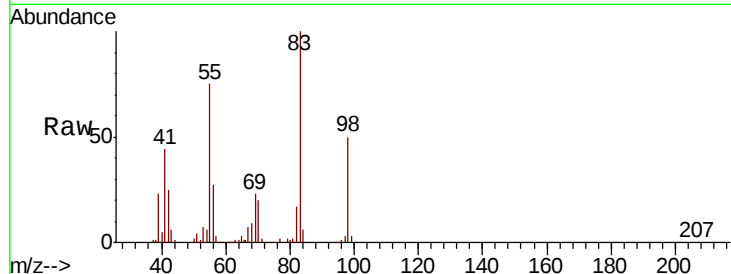
#39
Methvlcvclohexane
Concen: 15.281 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	60.2	90.4
98	50.3	40.5	60.7

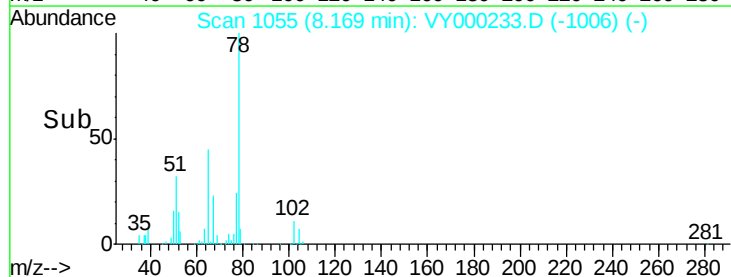
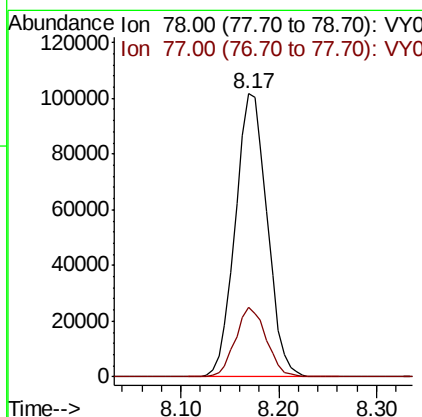
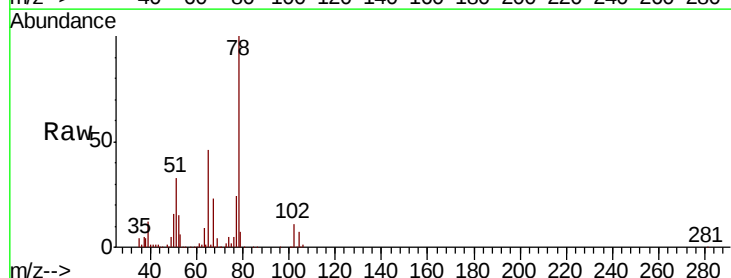
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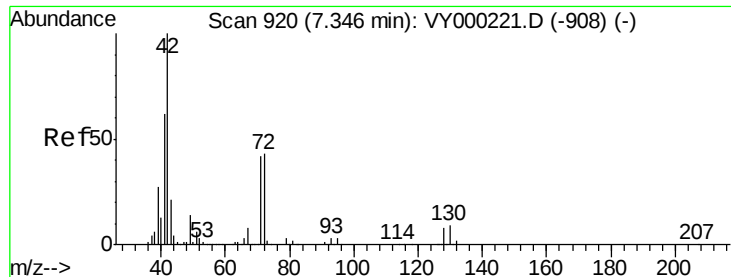
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#40
Benzene
Concen: 17.770 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.6	28.0





#41

Methacrylonitrile

Concen: 16.767 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion: 41 Resp: 101640

Ion Ratio Lower Upper

41 100

39 106.3 74.7 112.1

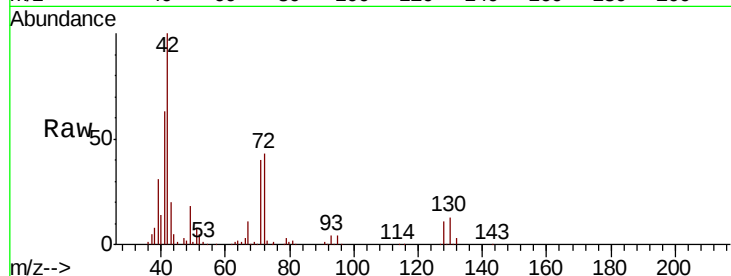
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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10/10/2019 12:52:58 AM

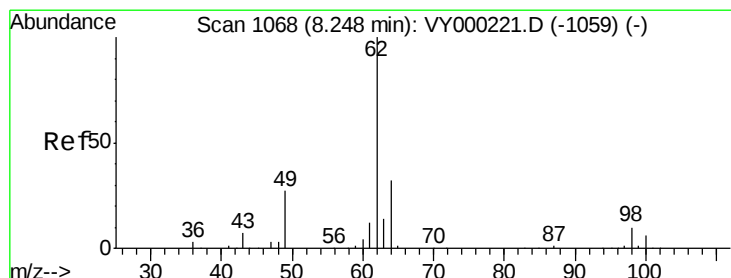
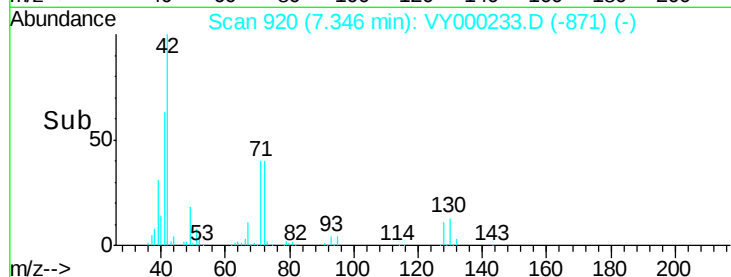
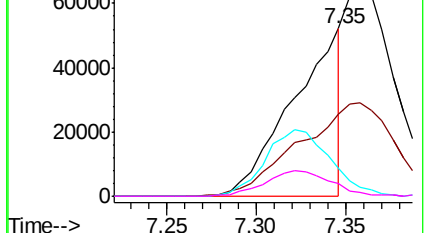


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.026 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000233.D

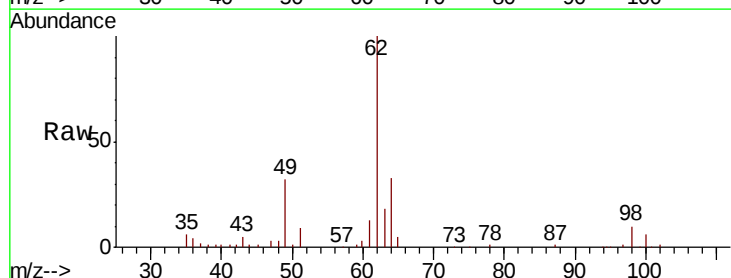
Acq: 08 Oct 2019 21:06

Tgt Ion: 62 Resp: 79864

Ion Ratio Lower Upper

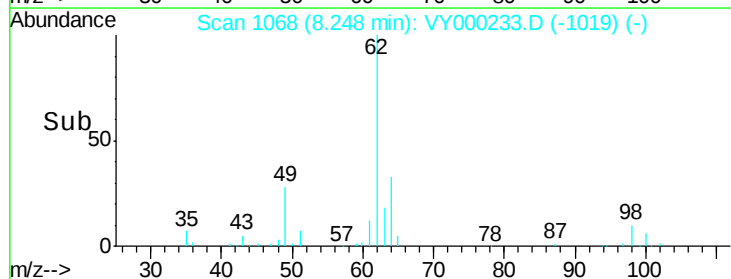
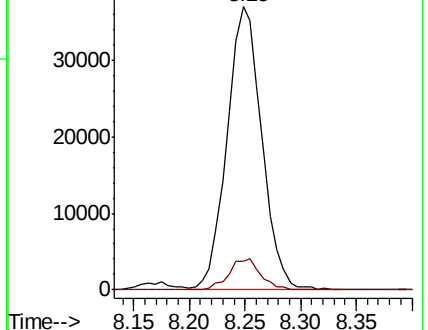
62 100

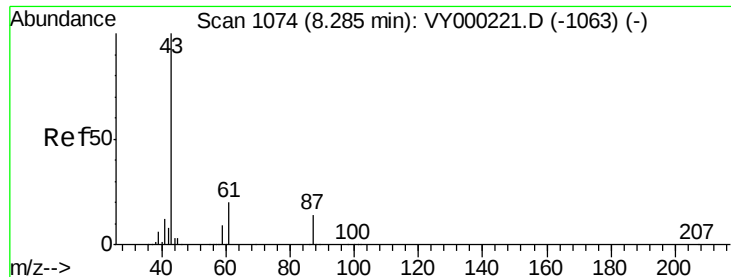
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





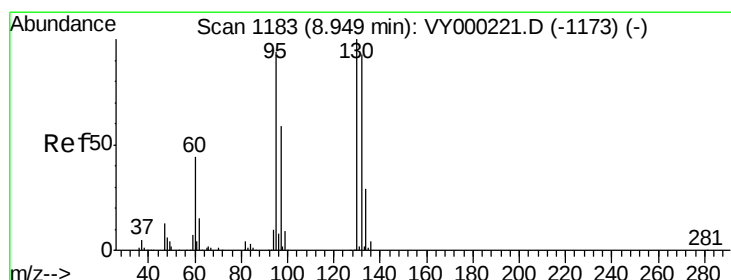
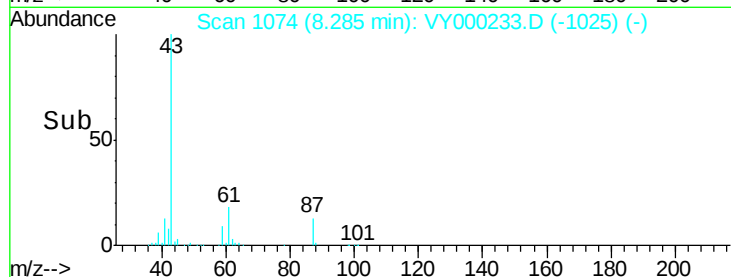
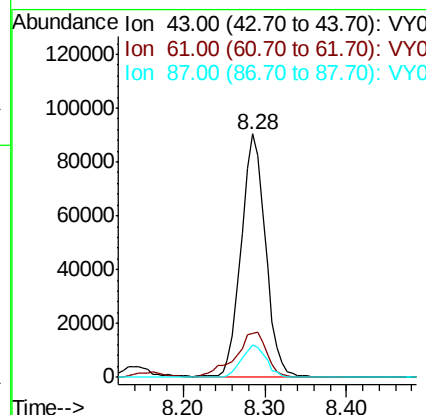
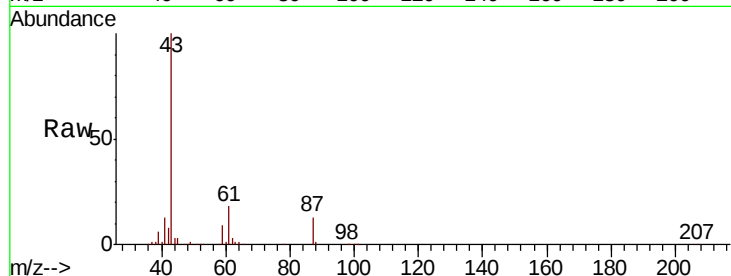
#43
Isopropyl Acetate
Concen: 18.675 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	185128		
61	24.4		20.1	30.1
87	13.4		10.6	15.8

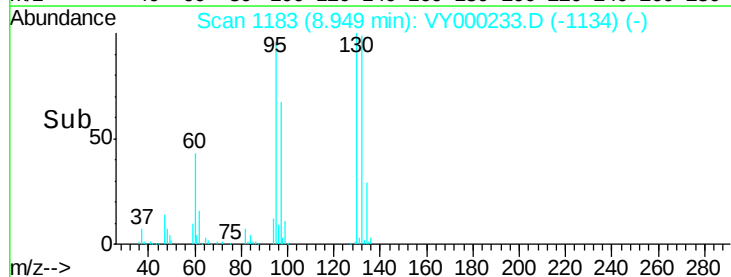
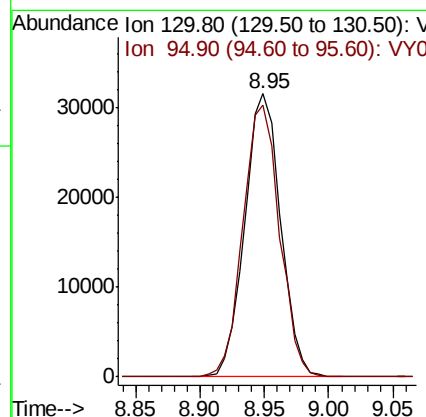
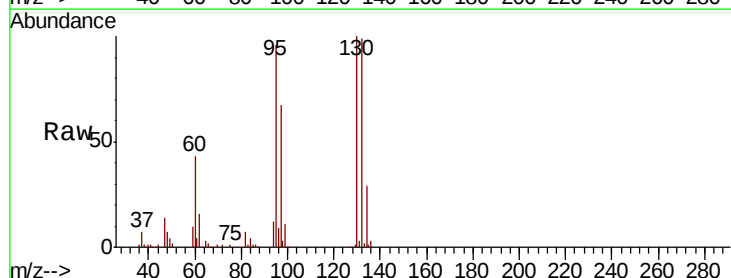
Manual Integrations
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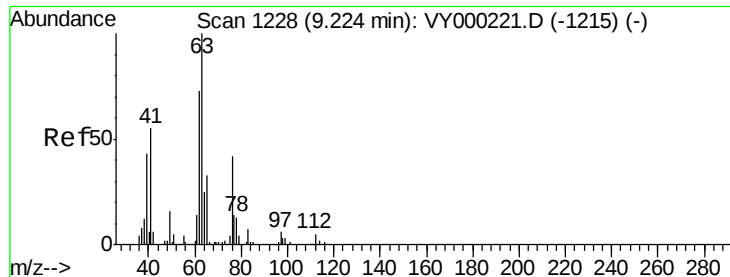
MMDadoda
10/10/2019 12:52:58 AM



#44
Trichloroethene
Concen: 17.327 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	60720		
95	96.2		0.0	189.0





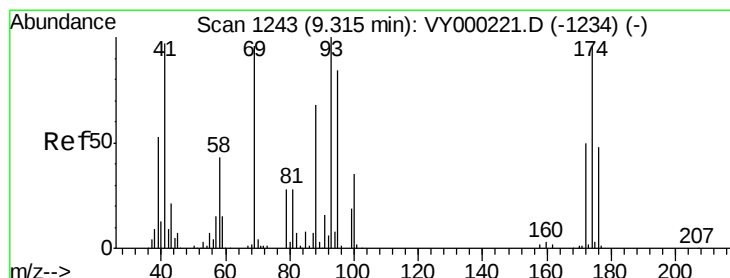
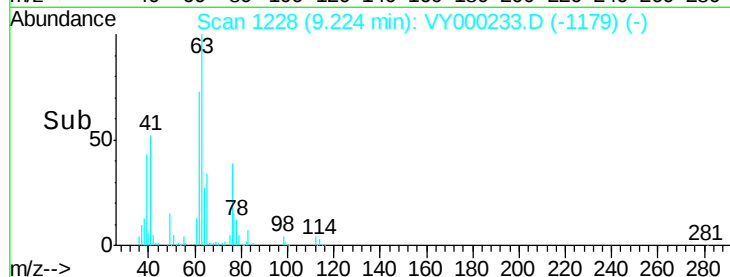
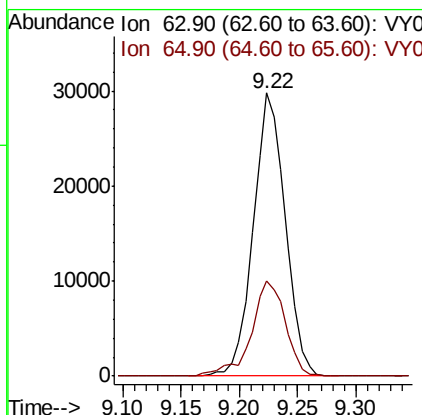
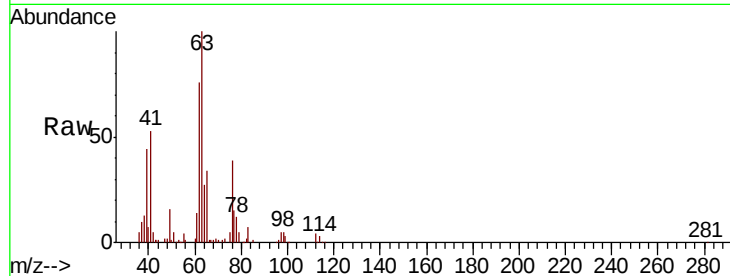
#45
 1,2-Dichloropropane
 Concen: 17.571 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion: 63 Resp: 56875
 Ion Ratio Lower Upper
 63 100
 65 33.8 26.6 39.8

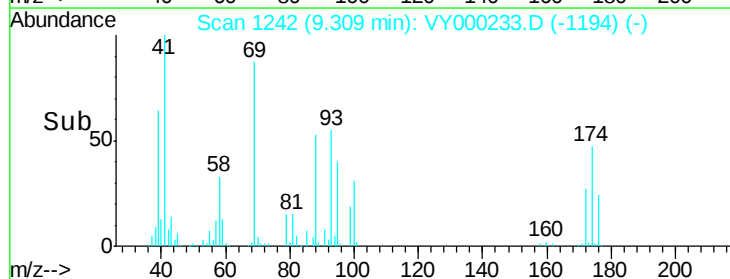
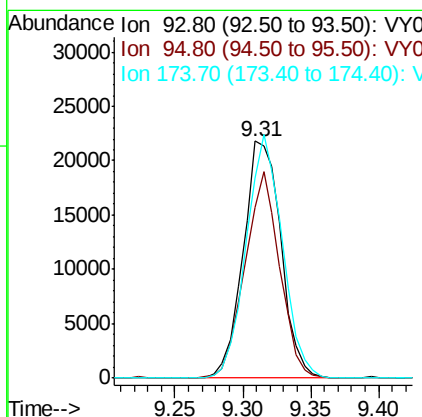
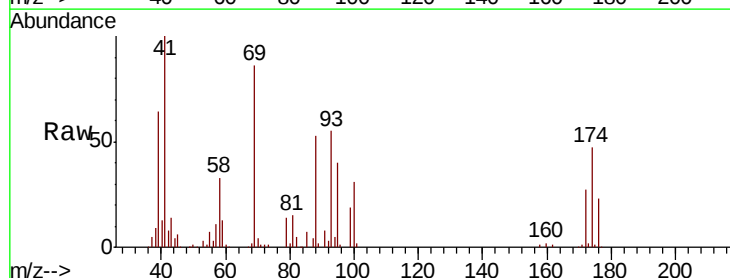
Manual Integrations
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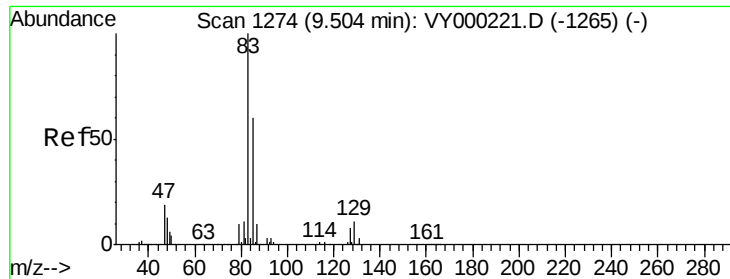
MMDadoda
 10/10/2019 12:52:58 AM



#46
 Dibromomethane
 Concen: 18.713 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion: 93 Resp: 42464
 Ion Ratio Lower Upper
 93 100
 95 79.7 67.0 100.6
 174 98.0 77.5 116.3





#47

Bromodichloromethane

Concen: 17.686 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

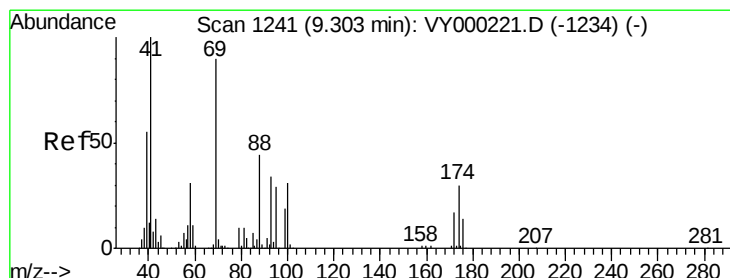
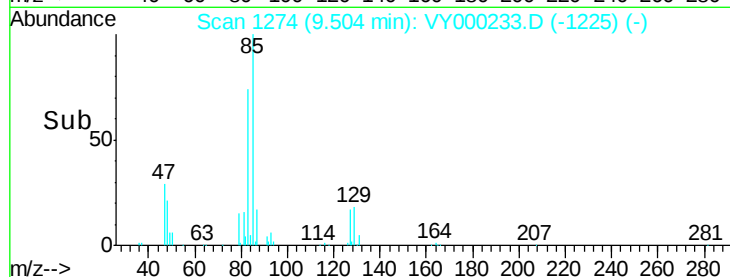
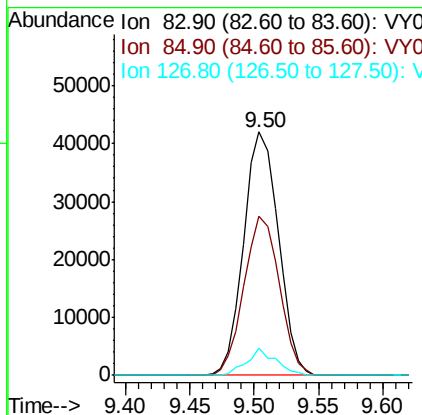
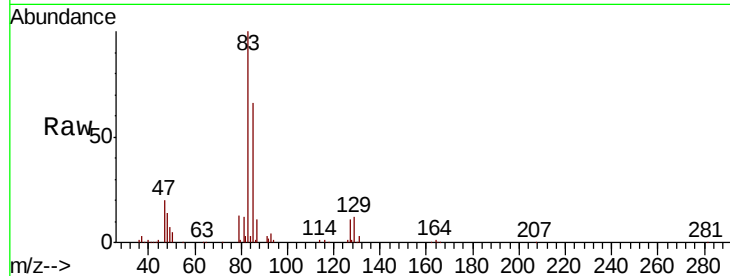
ClientSampleId :

VY1008WBSD01

Tot Ion:	83	Resp:	78504
Ion Ratio	Lower	Upper	
83	100		
85	65.6	48.0	72.0
127	11.2	6.5	9.7#

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#48

Methyl methacrylate

Concen: 18.525 ug/l

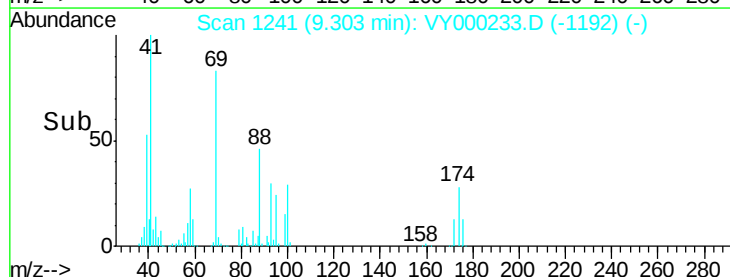
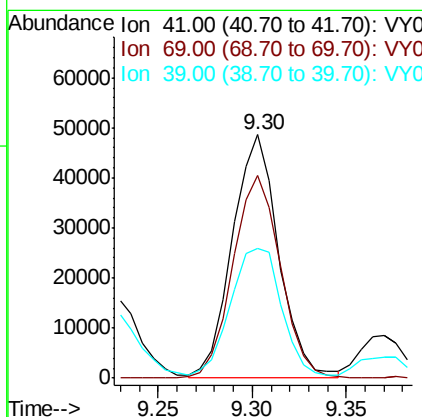
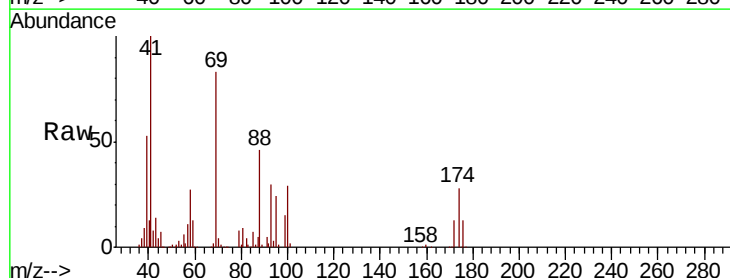
RT: 9.30 min Scan# 1241

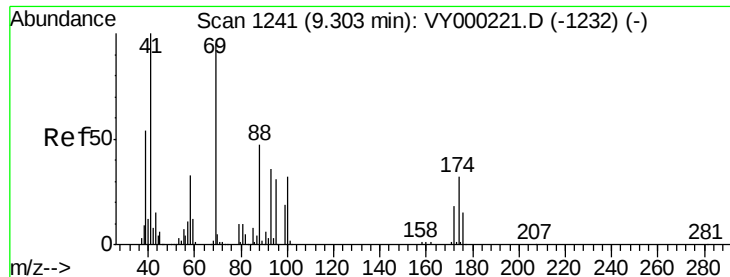
Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Tgt Ion:	41	Resp:	82888
Ion Ratio	Lower	Upper	
41	100		
69	85.3	70.3	105.5
39	59.5	45.5	68.3





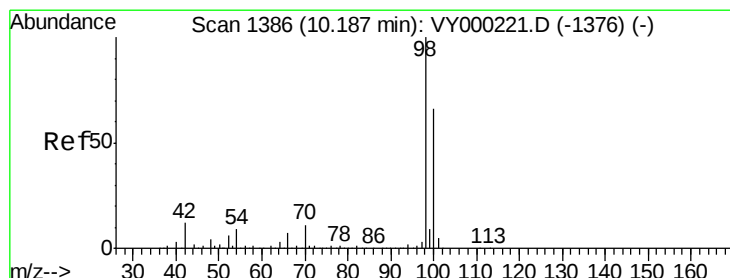
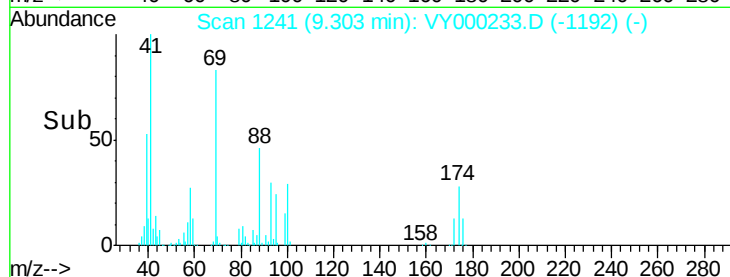
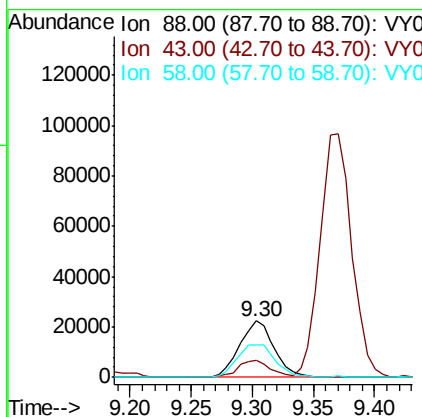
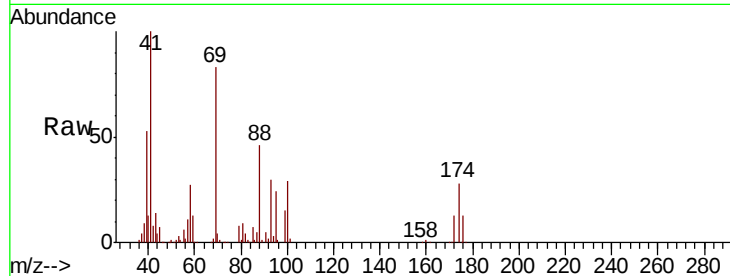
#49
1,4-Dioxane
Concen: 383.963 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	88	Resp	44102
Ion Ratio	Lower	Upper	
88	100		
43	28.6	24.5	36.7
58	64.6	54.2	81.2

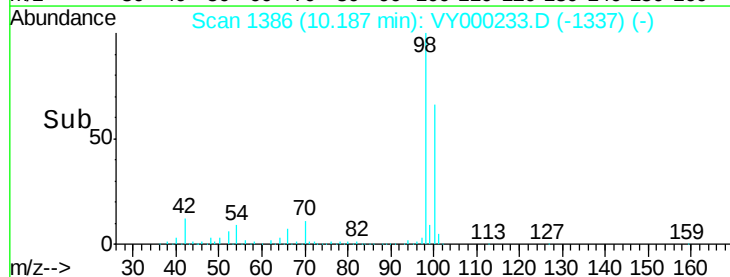
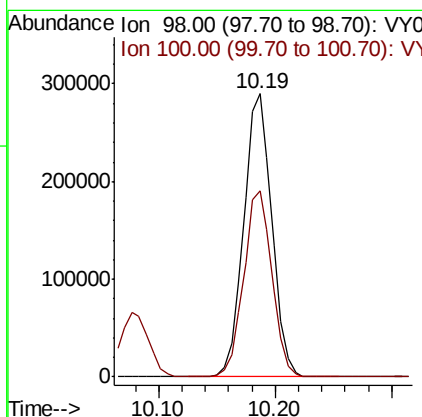
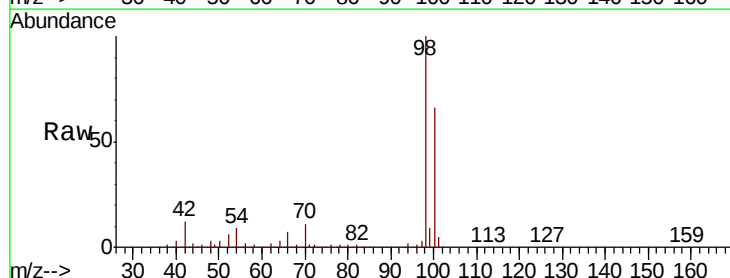
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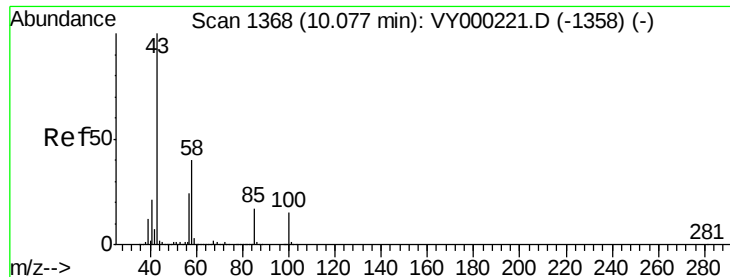
MMDadoda
10/10/2019 12:52:58 AM



#50
Toluene-d8
Concen: 47.416 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	98	Resp	485906
Ion Ratio	Lower	Upper	
98	100		
100	66.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 96.589 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion: 43 Resp: 719594

Ion Ratio Lower Upper

43 100

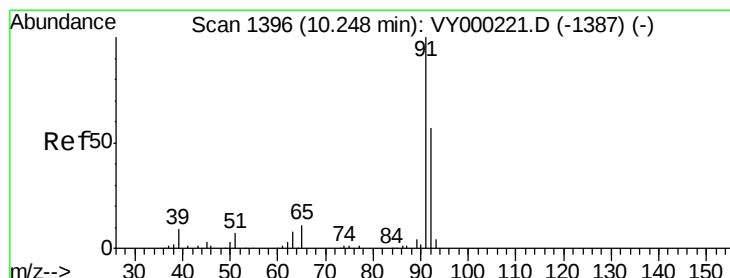
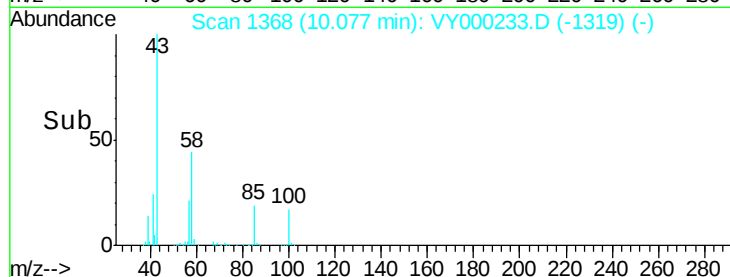
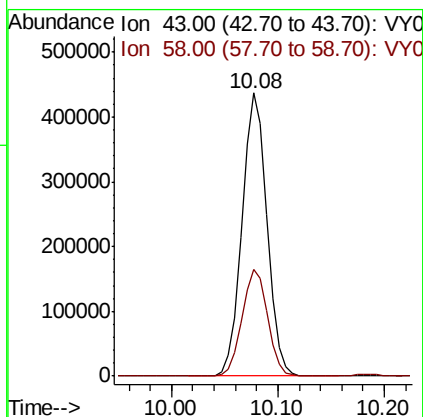
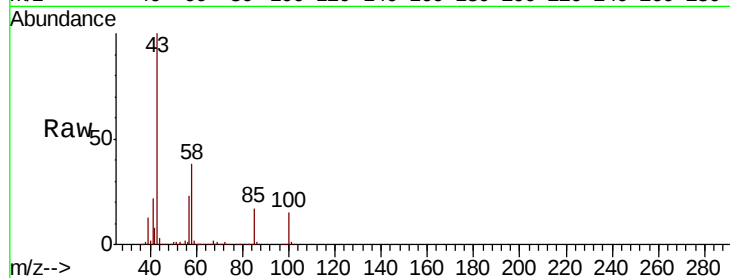
58 38.7 31.7 47.5

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#52

Toluene

Concen: 17.072 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000233.D

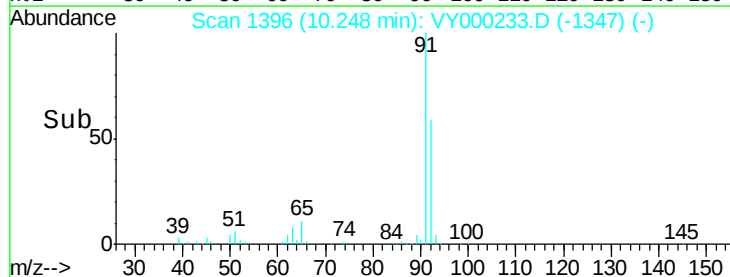
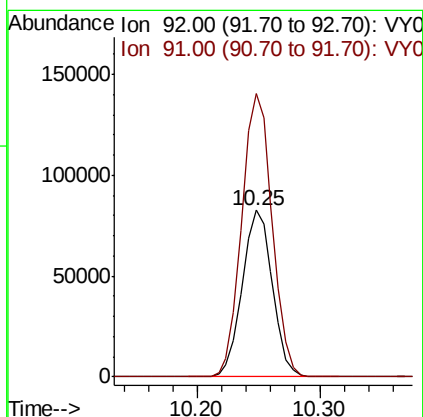
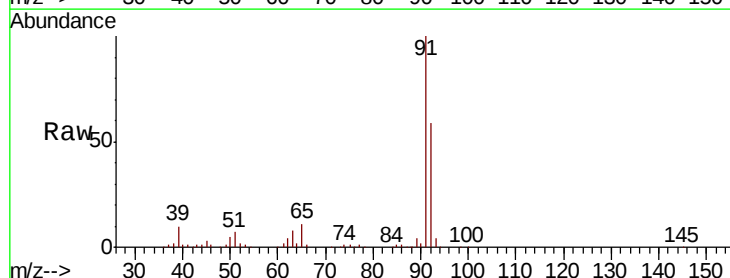
Acq: 08 Oct 2019 21:06

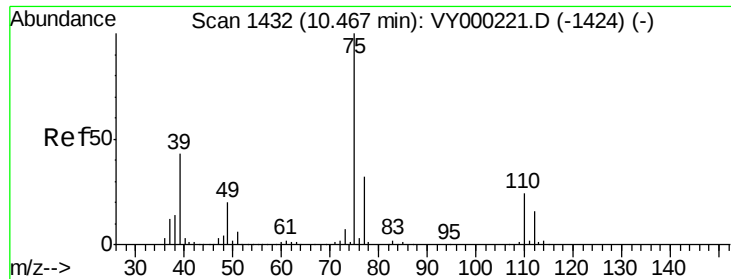
Tgt Ion: 92 Resp: 141504

Ion Ratio Lower Upper

92 100

91 170.9 139.1 208.7





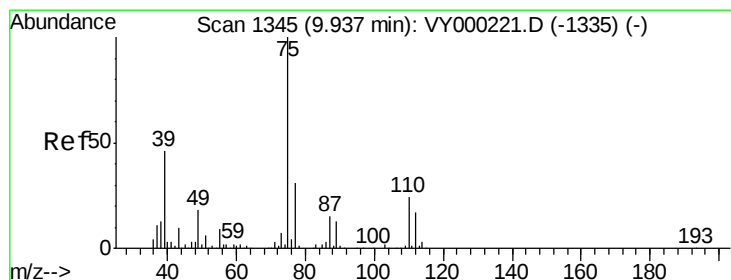
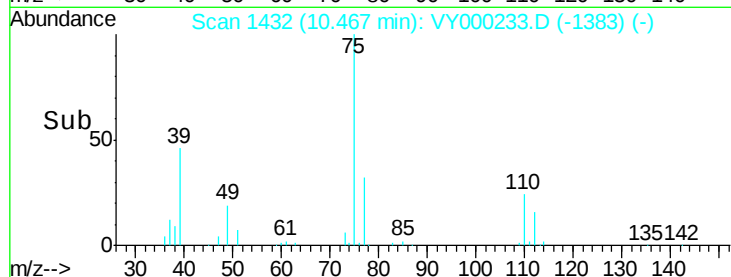
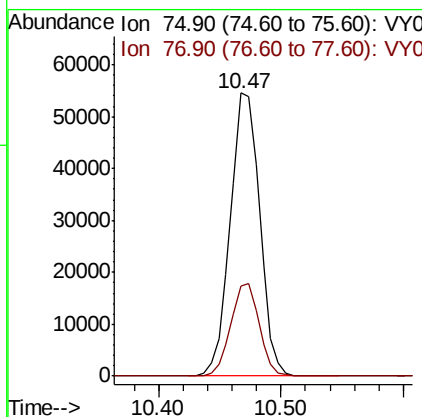
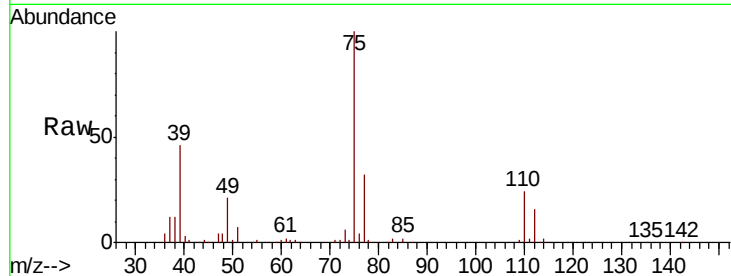
#53
t-1,3-Dichloropropene
Concen: 18.026 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion: 75 Resp: 90777
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9

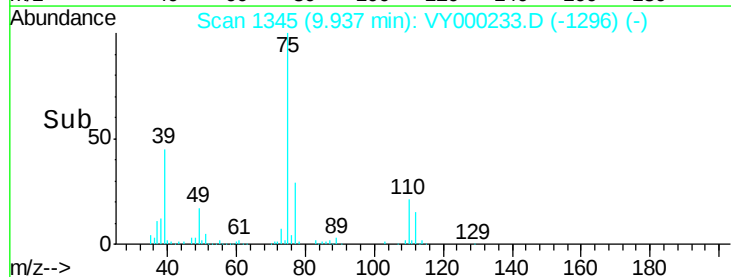
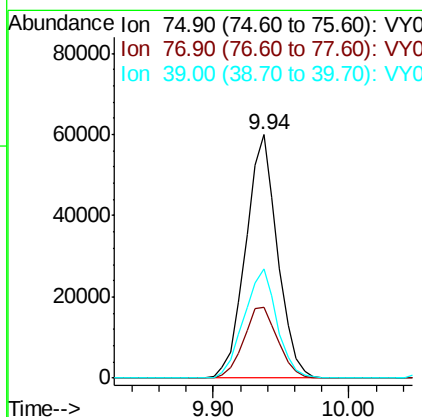
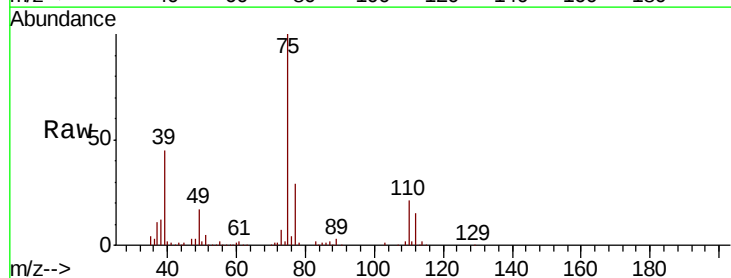
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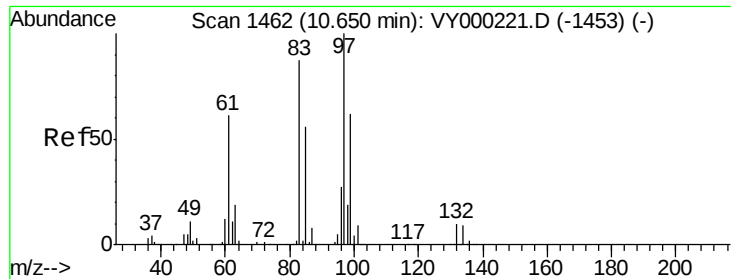
MMDadoda
10/10/2019 12:52:58 AM



#54
cis-1,3-Dichloropropene
Concen: 17.944 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion: 75 Resp: 97780
Ion Ratio Lower Upper
75 100
77 29.0 25.0 37.4
39 44.8 36.3 54.5





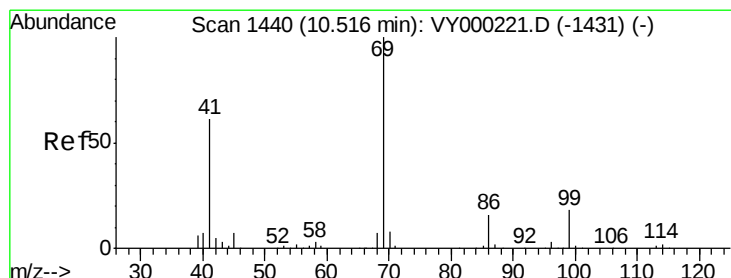
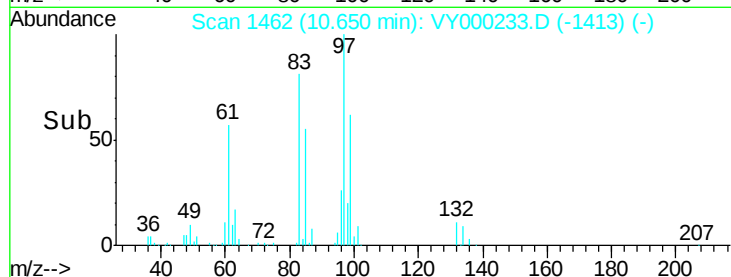
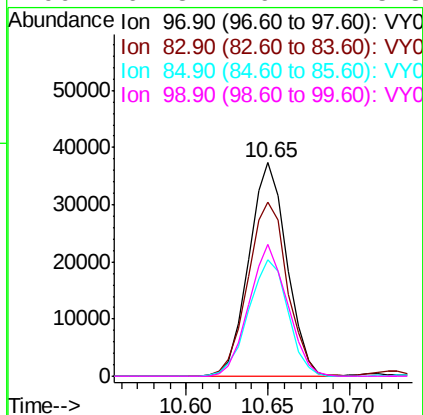
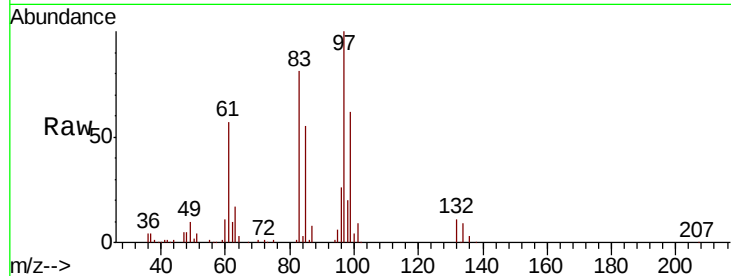
#55
 1,1,2-Trichloroethane
 Concen: 18.436 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion:	97	Resp:	60255
Ion	Ratio	Lower	Upper
97	100		
83	81.5	69.4	104.0
85	54.5	44.6	66.8
99	61.8	49.2	73.8

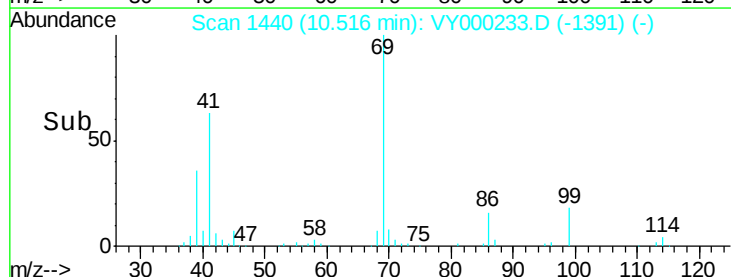
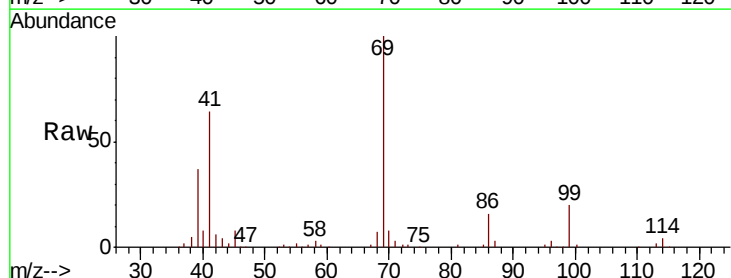
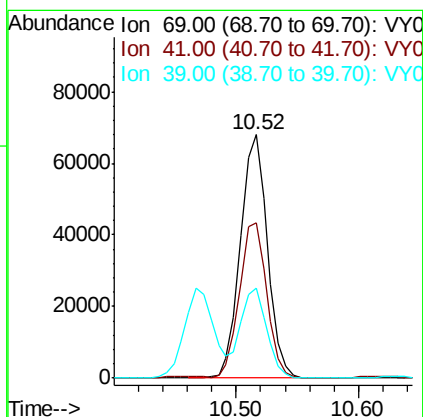
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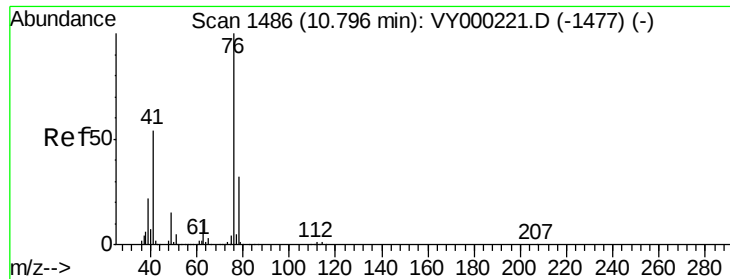
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 10/10/2019 12:52:58 AM



#56
 Ethyl methacrylate
 Concen: 18.070 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion:	69	Resp:	103976
Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.2	76.8
39	35.9	27.0	40.4





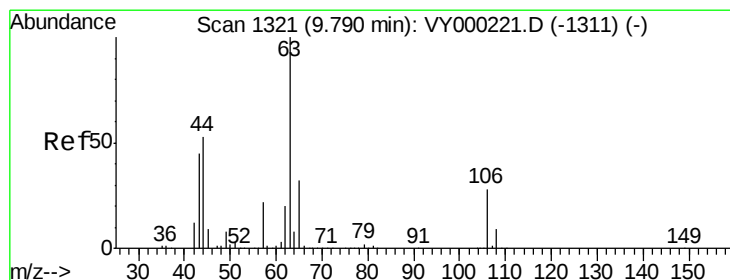
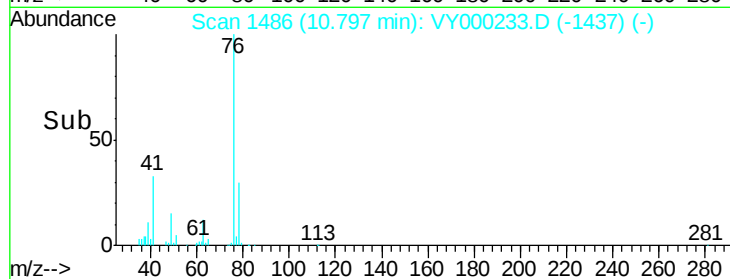
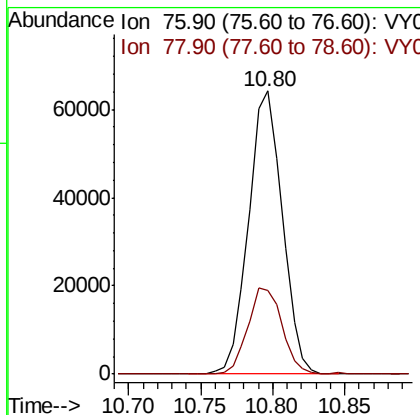
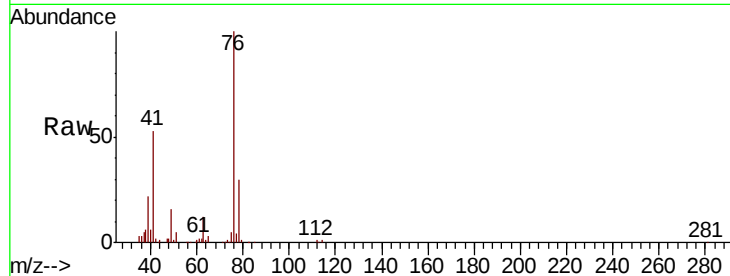
#57
 1,3-Dichloropropane
 Concen: 18.588 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.0	26.0	39.0

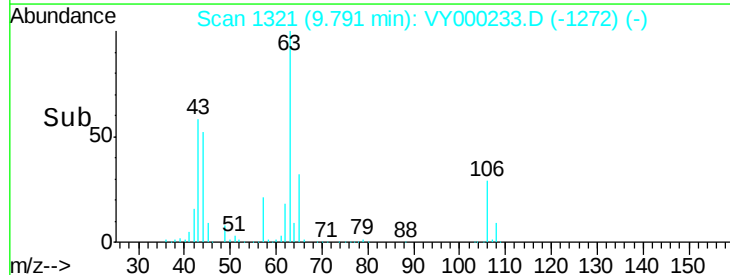
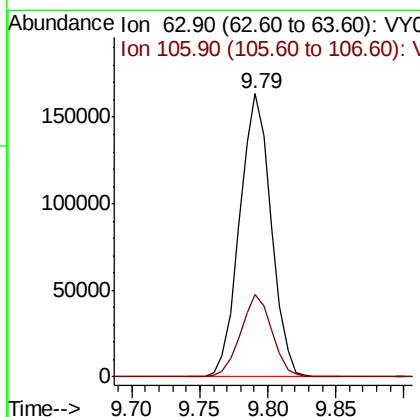
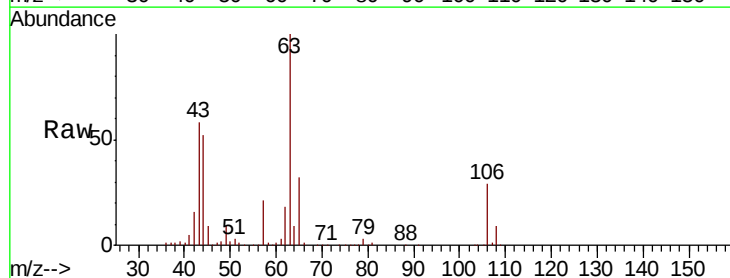
Manual Integrations
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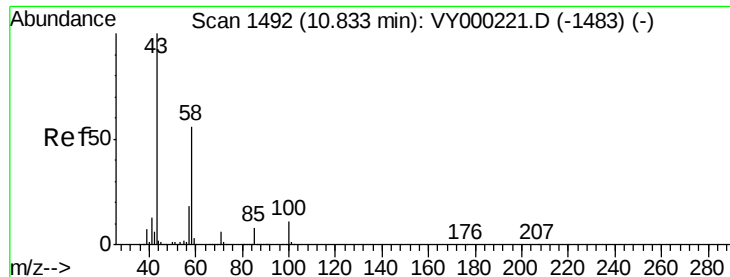
MMDadoda
 10/10/2019 12:52:58 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.187 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.6	33.8





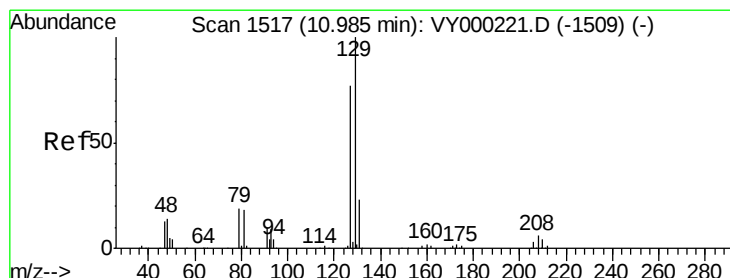
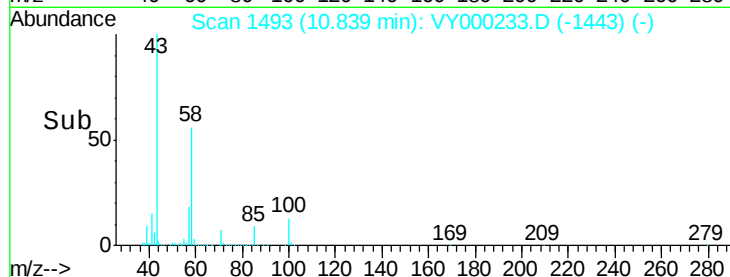
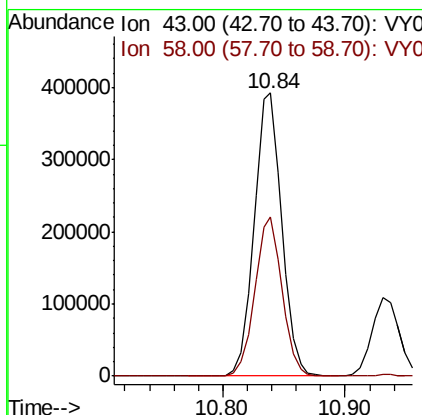
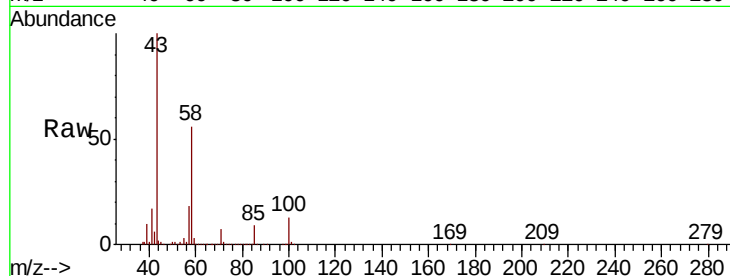
#59
2-Hexanone
Concen: 88.935 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion: 43 Resp: 616502
Ion Ratio Lower Upper
43 100
58 55.2 28.2 84.6

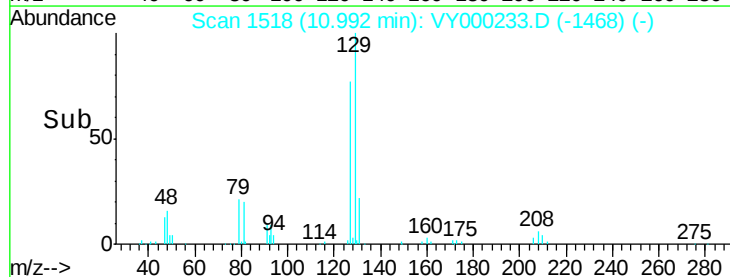
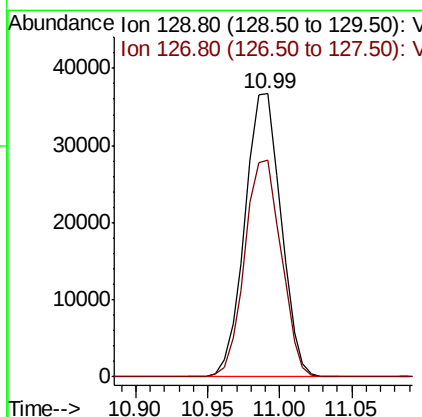
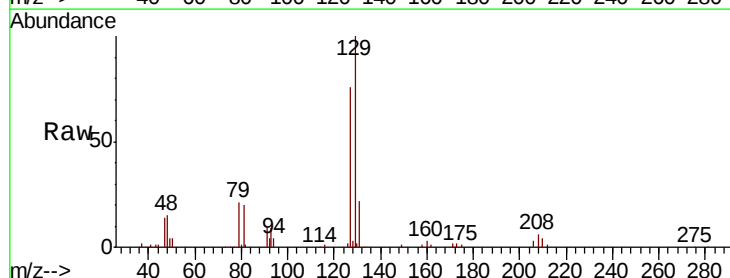
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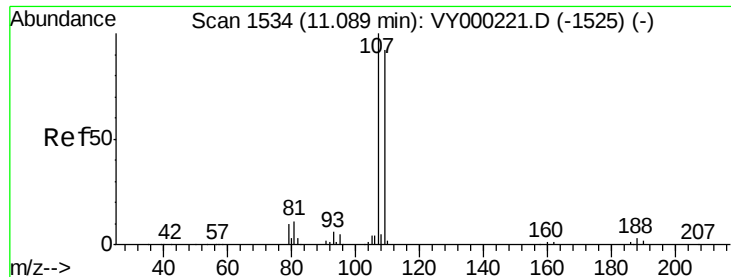
MMDadoda
10/10/2019 12:52:58 AM



#60
Dibromochloromethane
Concen: 18.493 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion: 129 Resp: 63904
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





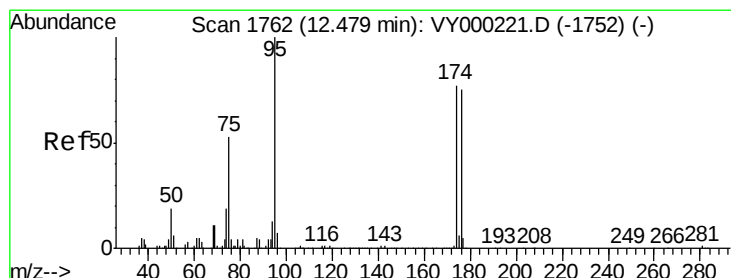
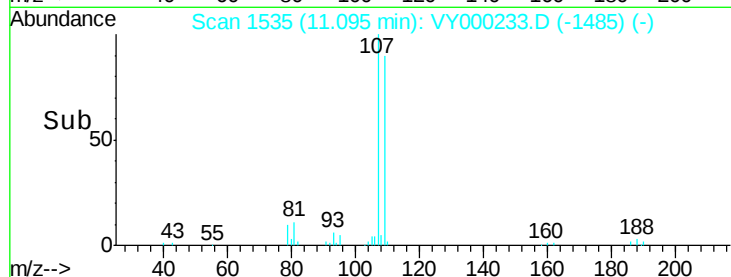
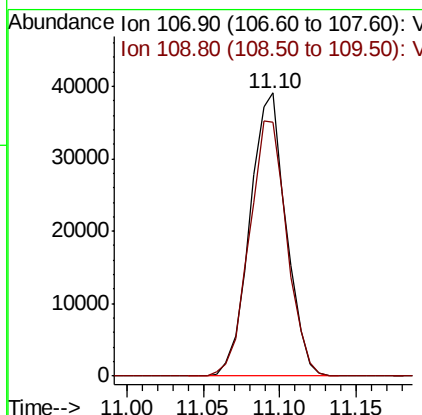
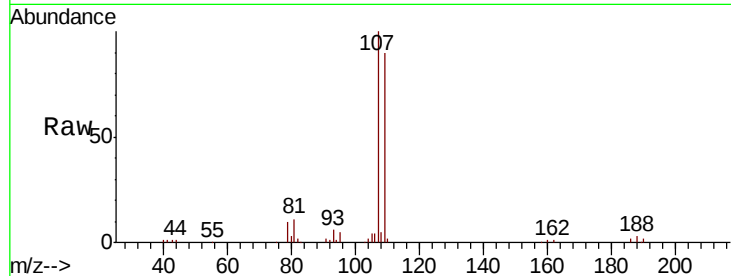
#61
 1,2-Dibromoethane
 Concen: 18.497 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.0	112.6

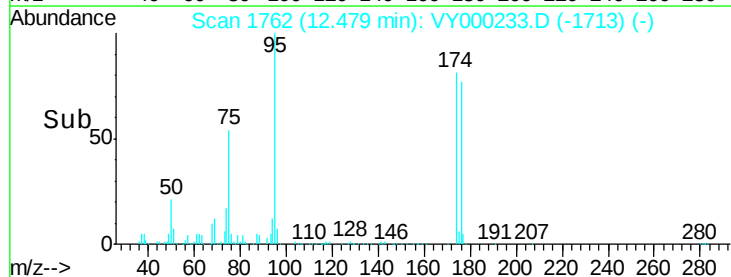
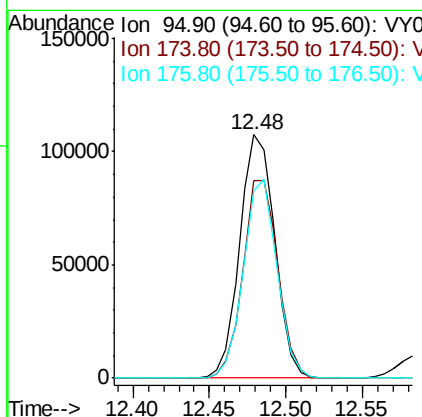
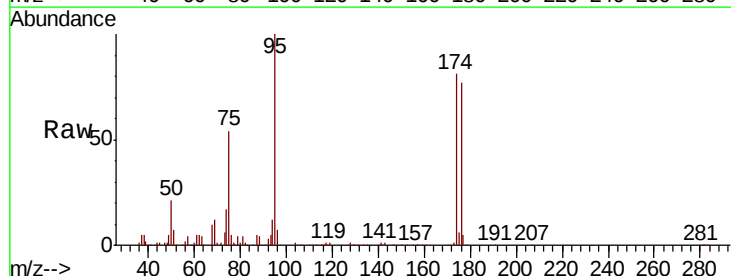
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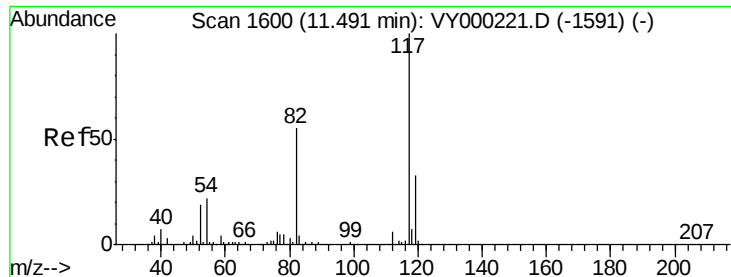
MMDadoda
 10/10/2019 12:52:58 AM



#62
 4-Bromofluorobenzene
 Concen: 47.315 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	157.0
176	78.5	0.0	153.0





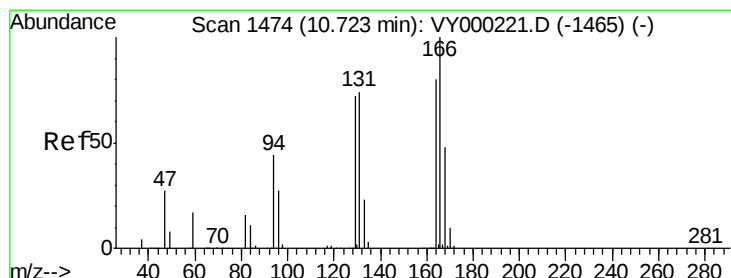
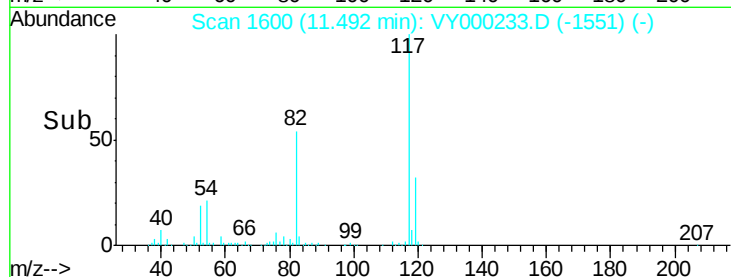
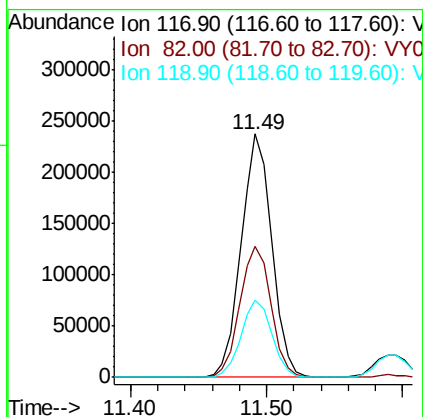
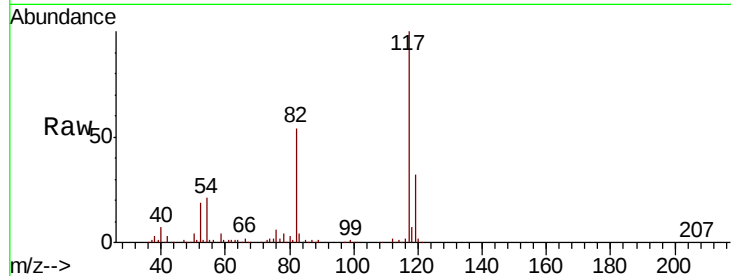
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	372818		
82	53.9		44.4	66.6
119	31.7		26.2	39.2

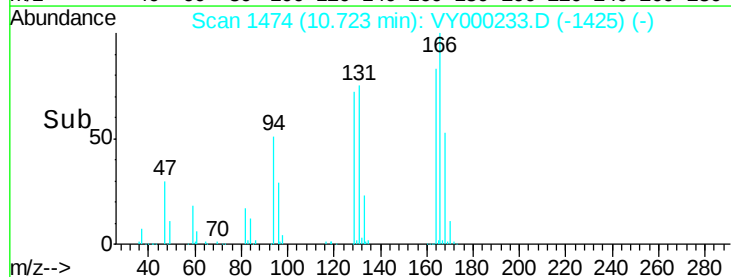
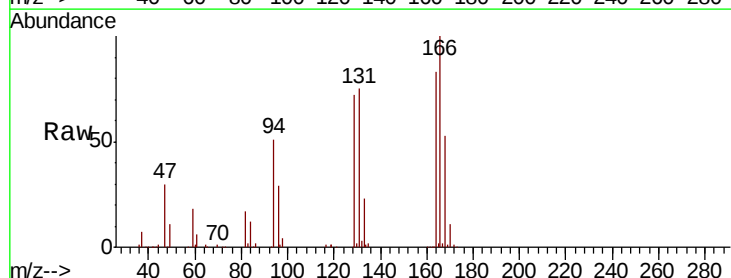
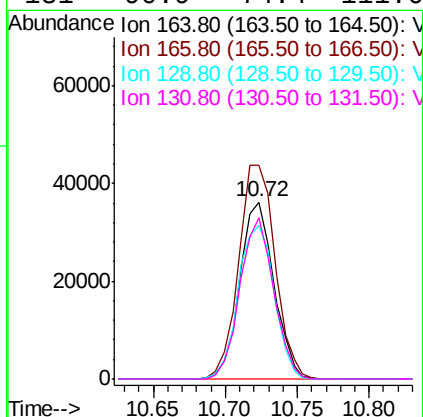
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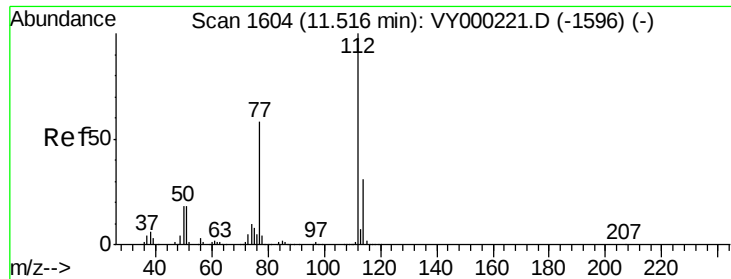
MMDadoda
10/10/2019 12:52:58 AM



#64
Tetrachloroethene
Concen: 17.515 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	59685		
166	120.4		100.3	150.5
129	86.6		72.4	108.6
131	90.9		74.4	111.6





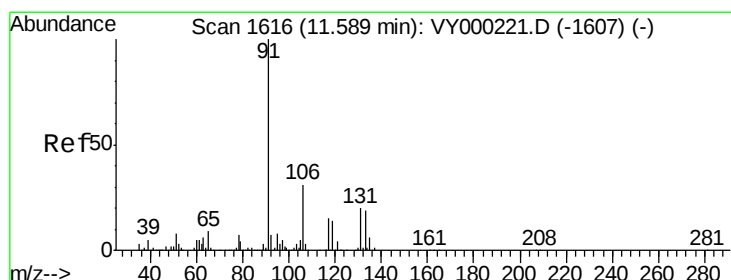
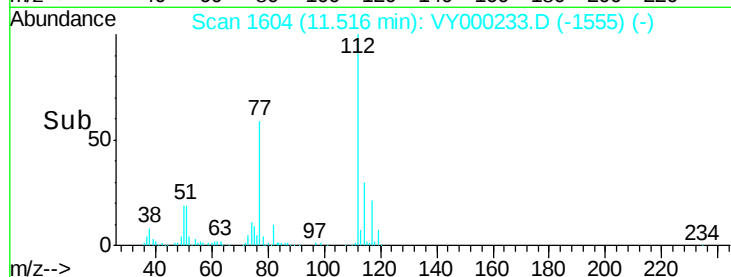
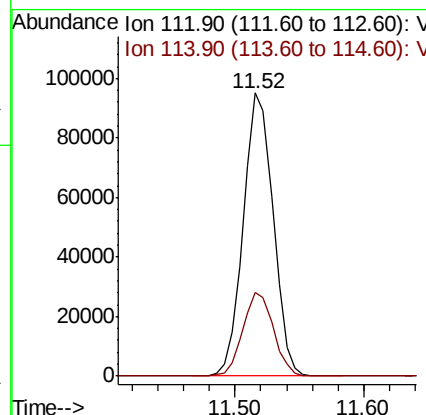
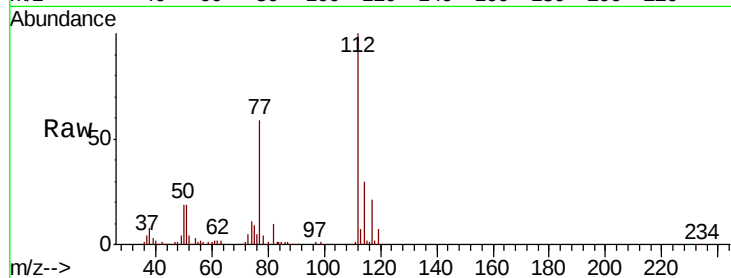
#65
Chlorobenzene
Concen: 17.610 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.6	25.0	37.4

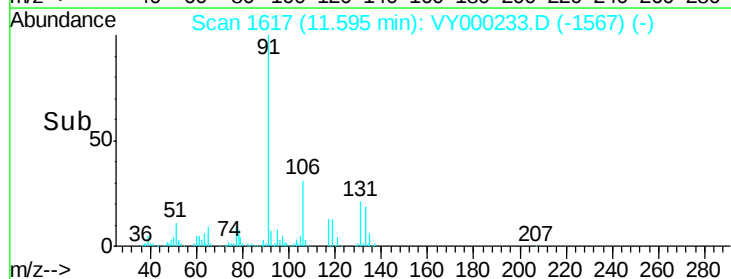
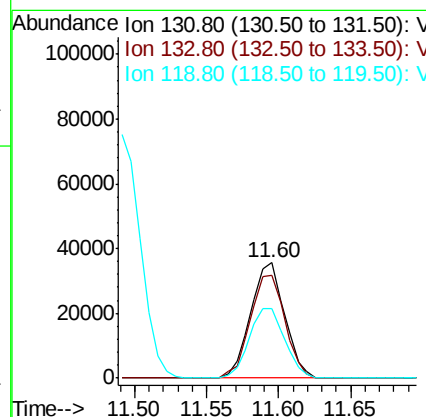
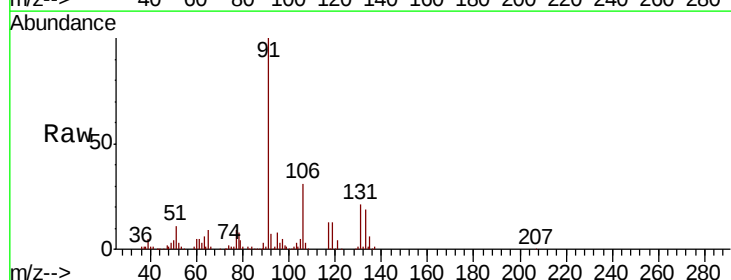
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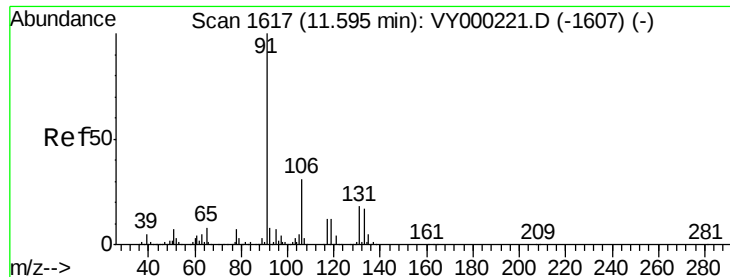
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.770 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.9	47.0	141.2
119	63.8	33.3	99.8





#67

Ethyl Benzene

Concen: 16.831 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion: 91 Resp: 259946

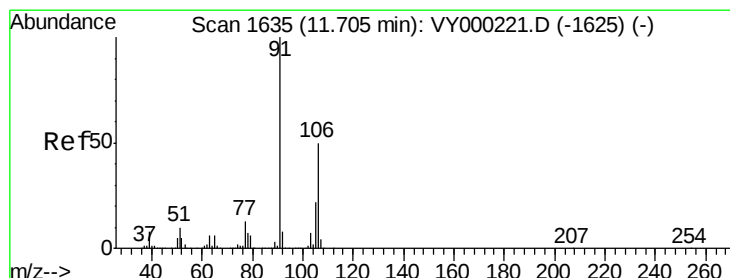
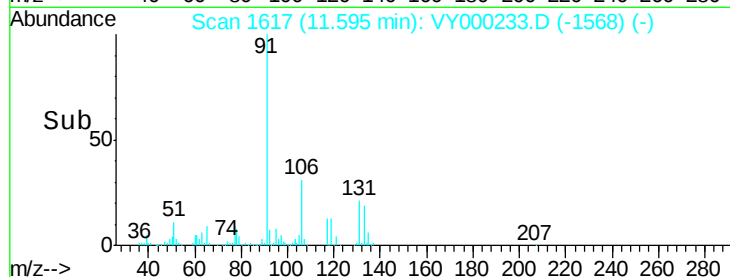
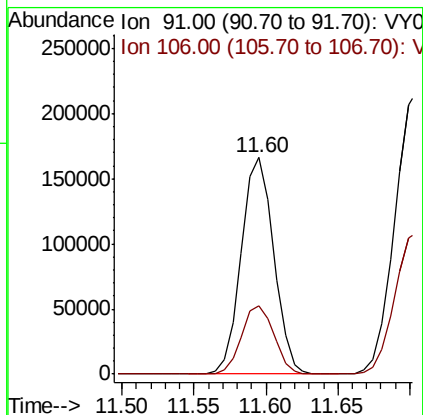
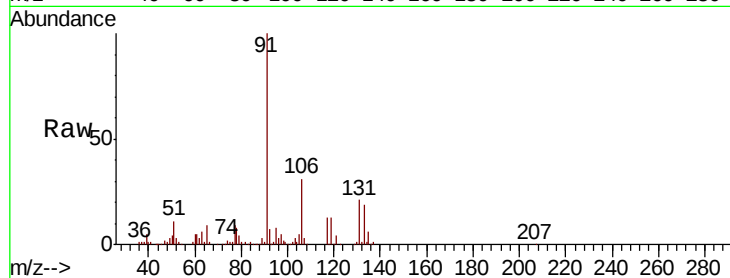
Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 33.849 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000233.D

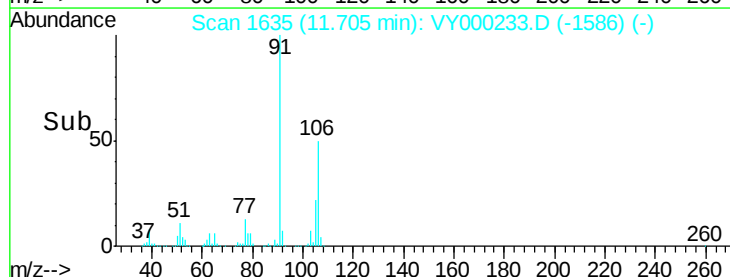
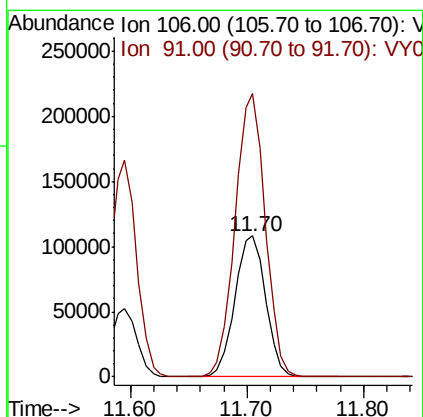
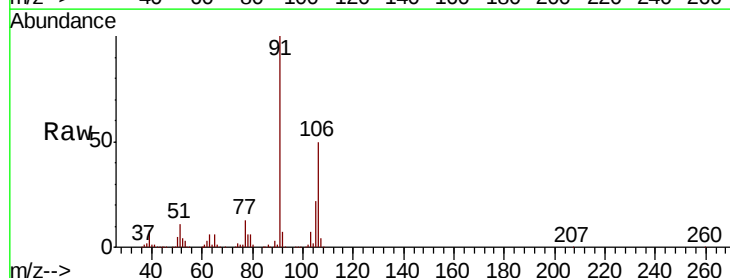
Acq: 08 Oct 2019 21:06

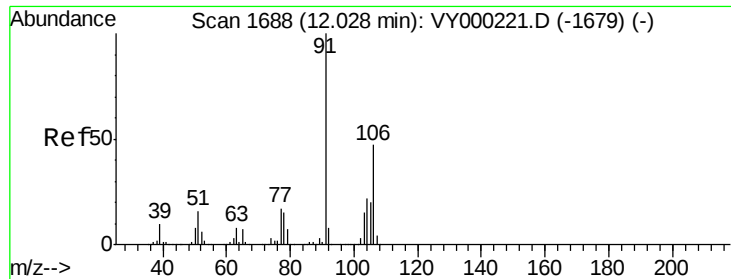
Tgt Ion: 106 Resp: 199469

Ion Ratio Lower Upper

106 100

91 197.0 159.9 239.9





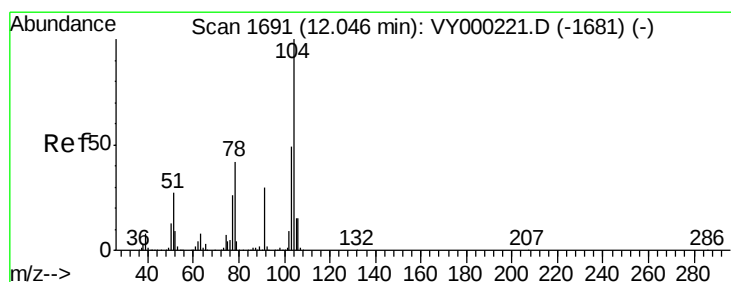
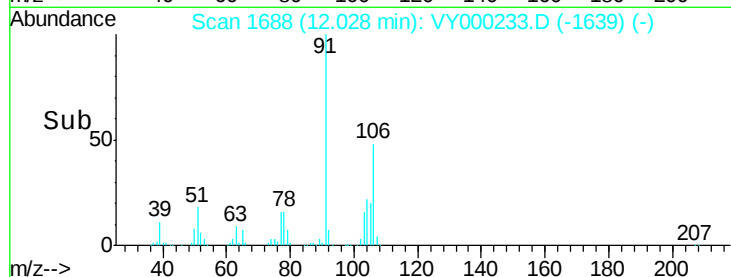
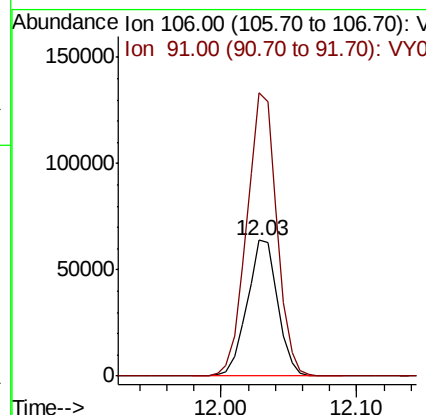
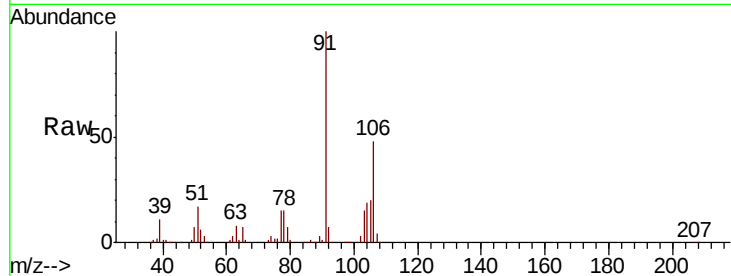
#69
o-Xylene
Concen: 17.665 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	205.4	106.1	318.1	

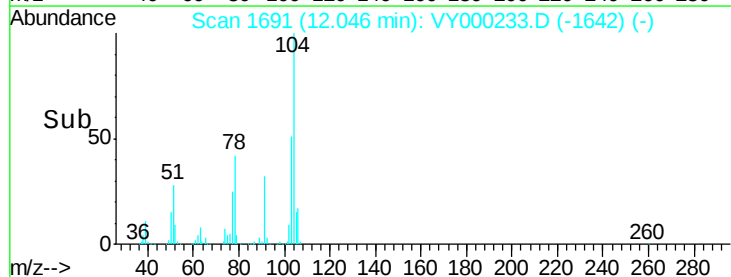
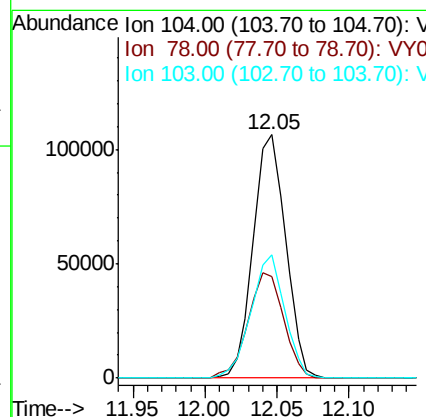
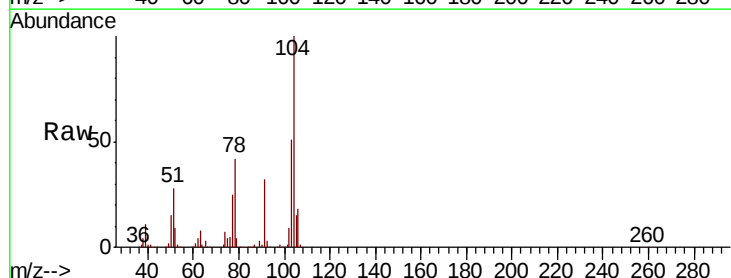
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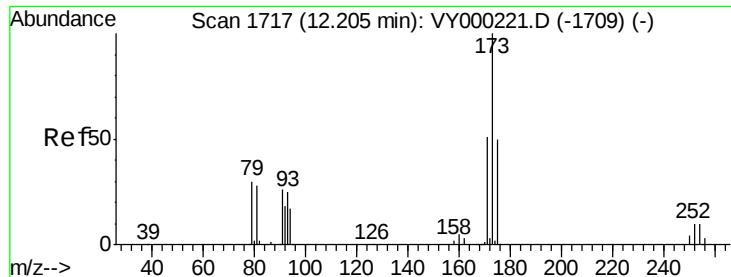
MMDadoda
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#70
Styrene
Concen: 17.027 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.5	39.0	58.4	
103	52.8	43.1	64.7	





#71

Bromoform

Concen: 18.771 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion:173 Resp: 47840

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.3

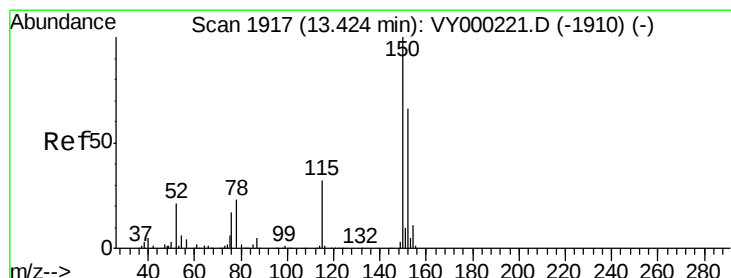
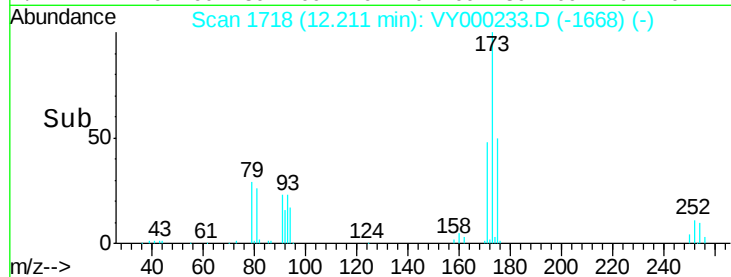
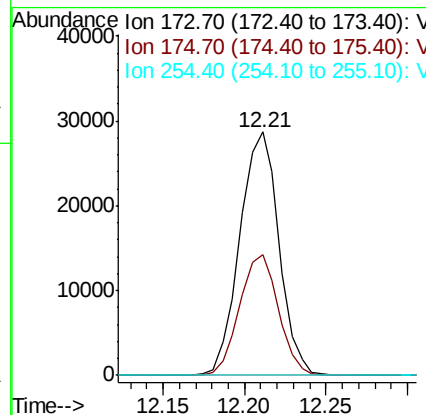
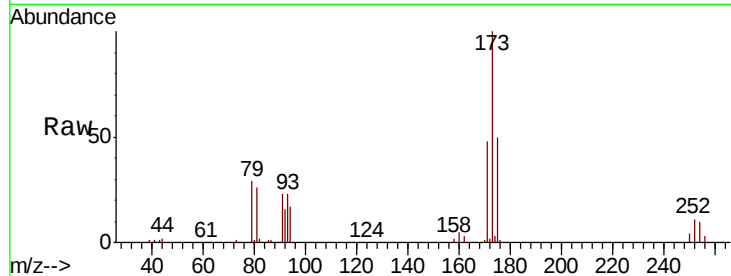
254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

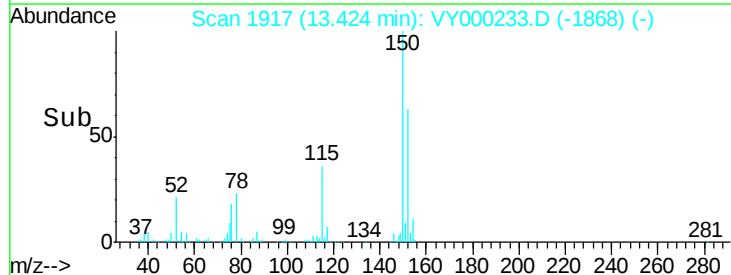
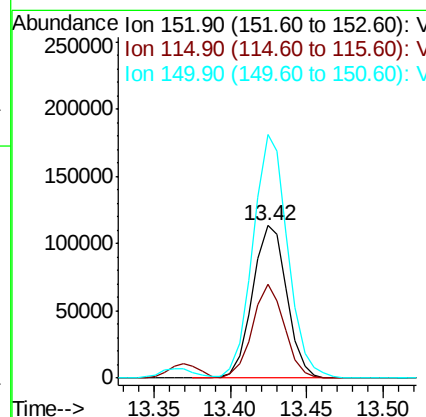
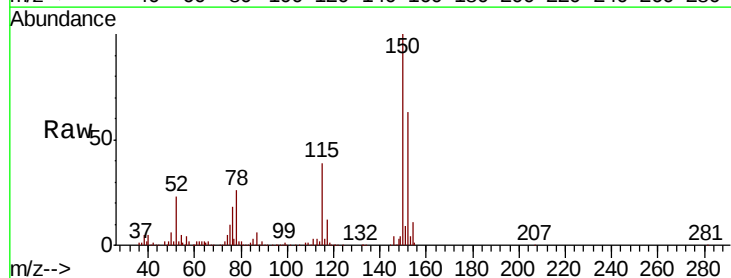
Tgt Ion:152 Resp: 176992

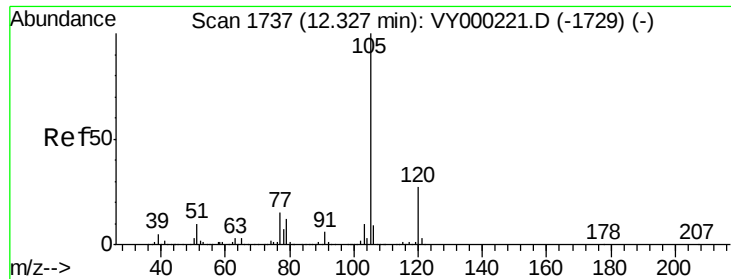
Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

150 162.0 0.0 349.6





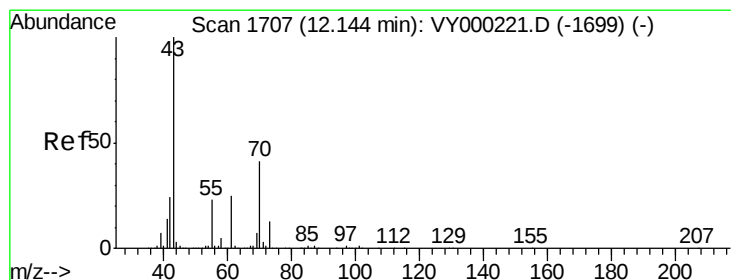
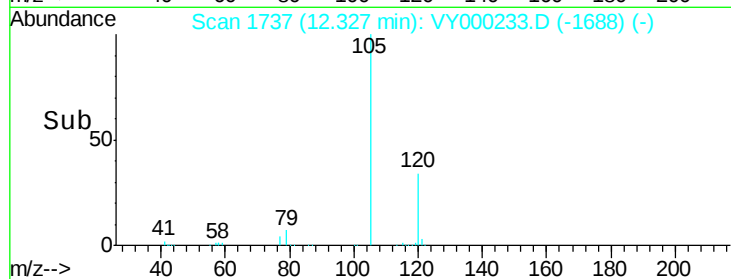
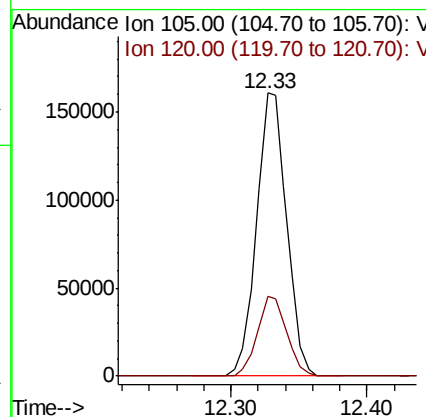
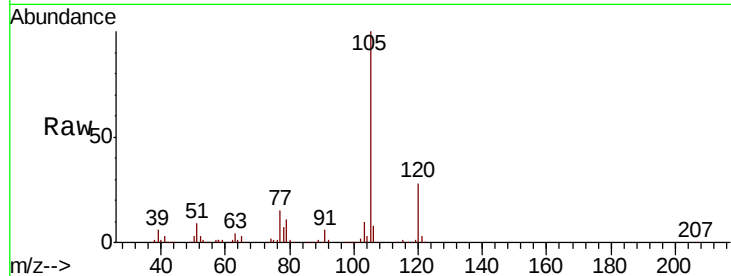
#73
Isopropylbenzene
Concen: 16.632 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.6	40.8

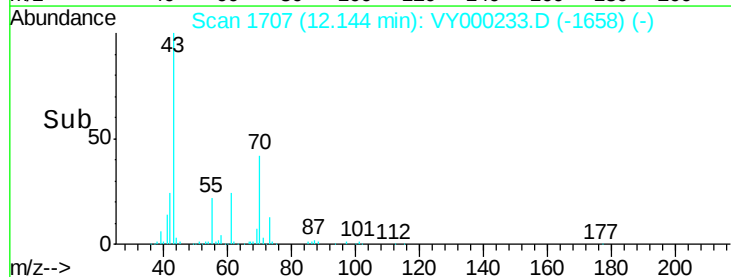
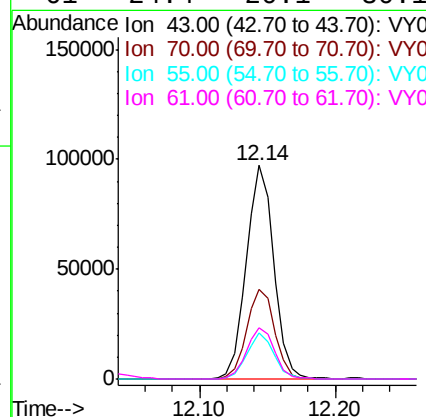
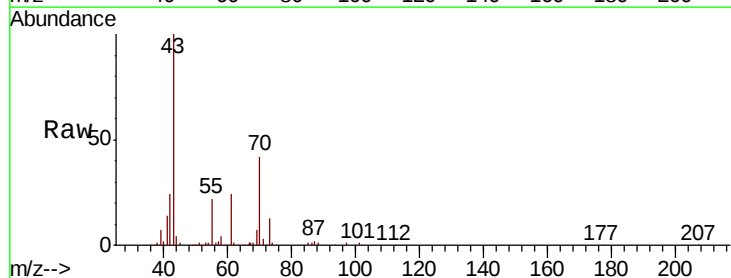
Manual Integrations
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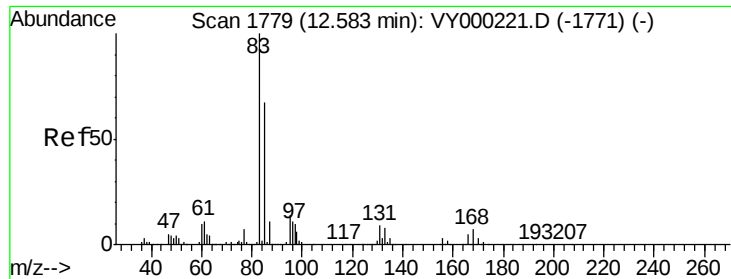
MMDadoda
10/10/2019 12:52:58 AM



#74
N-ethyl acetate
Concen: 17.414 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	34.9	52.3
55	21.4	18.2	27.2
61	24.4	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.927 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

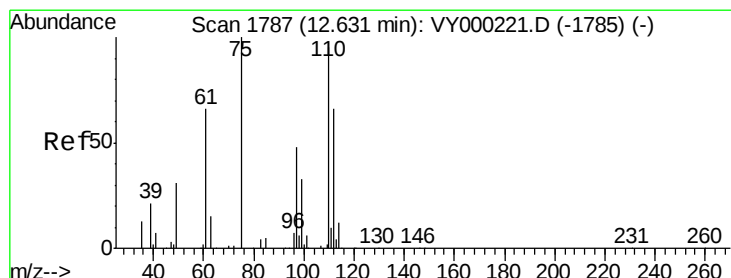
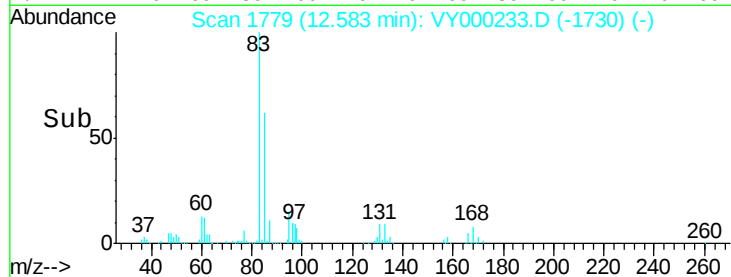
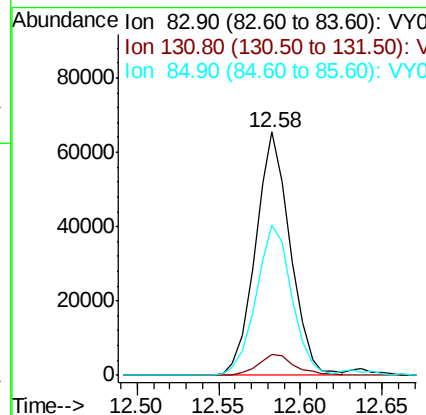
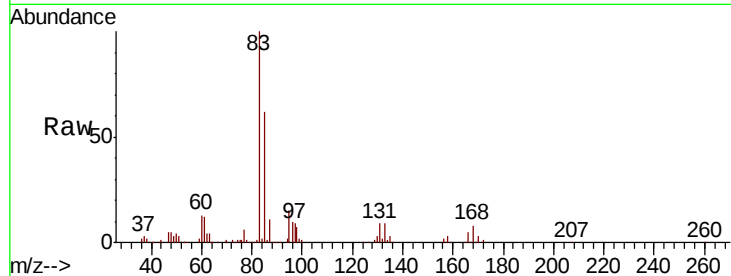
ClientSampleId :

VY1008WBSD01

Tot Ion:	83	Resp:	96876
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.8	14.3
85	63.5	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 18.547 ug/l m

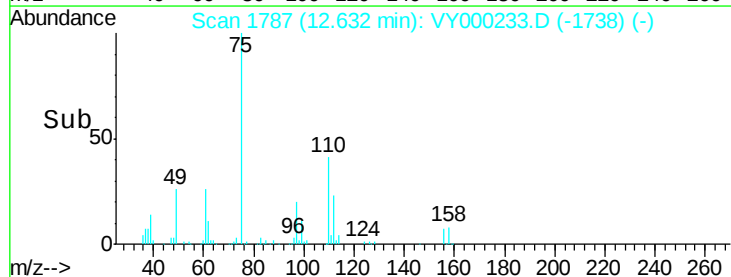
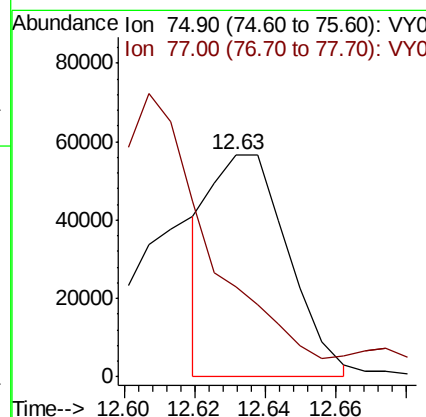
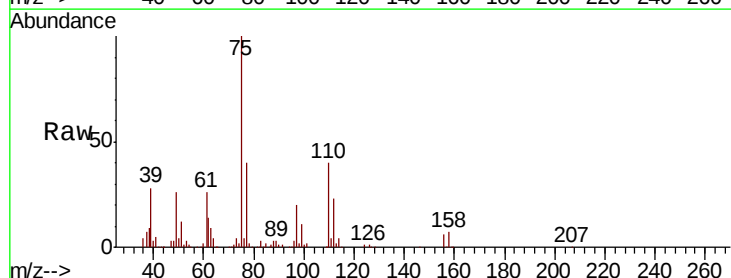
RT: 12.63 min Scan# 1787

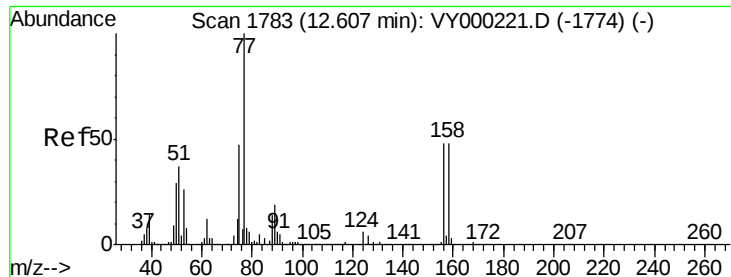
Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Tgt Ion:	75	Resp:	86669
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.261 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion:156 Resp: 60708

Ion Ratio Lower Upper

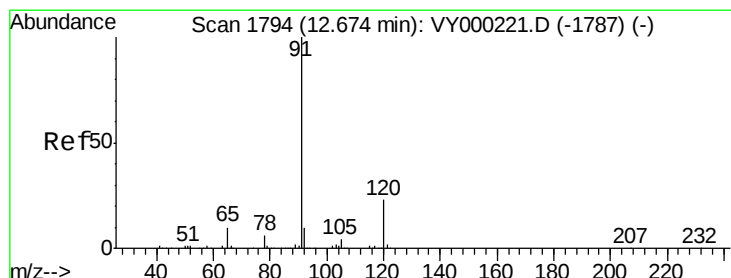
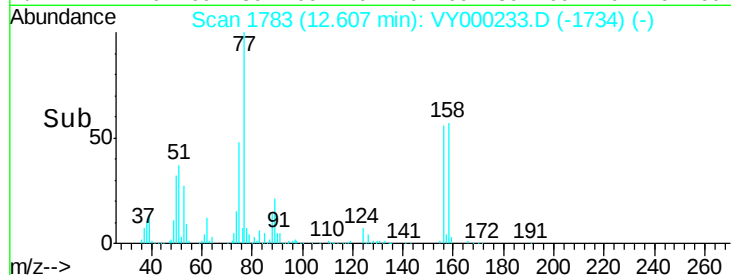
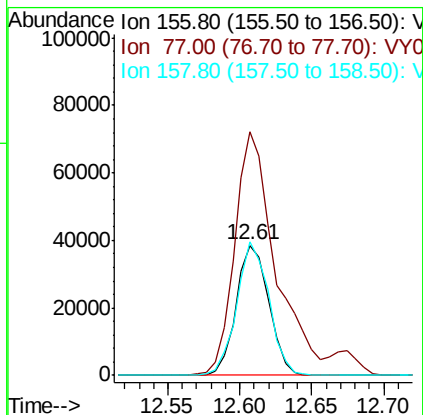
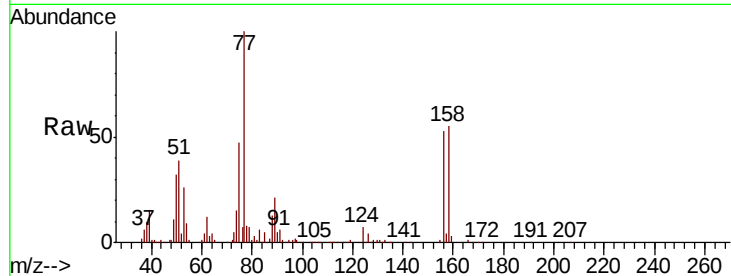
156 100

77 233.8 118.1 354.3

158 100.9 47.8 143.3

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#78

n-propylbenzene

Concen: 16.191 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000233.D

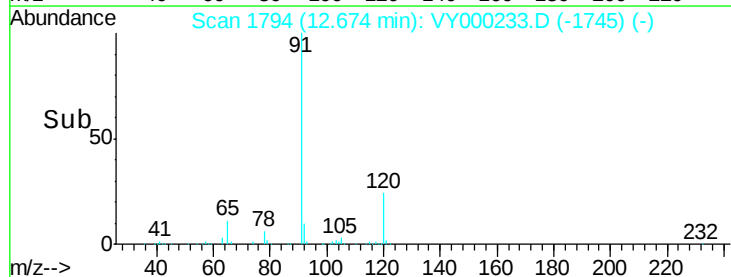
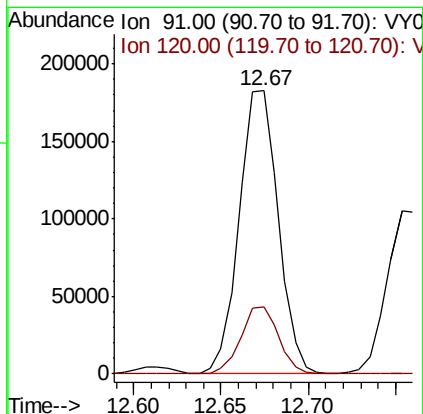
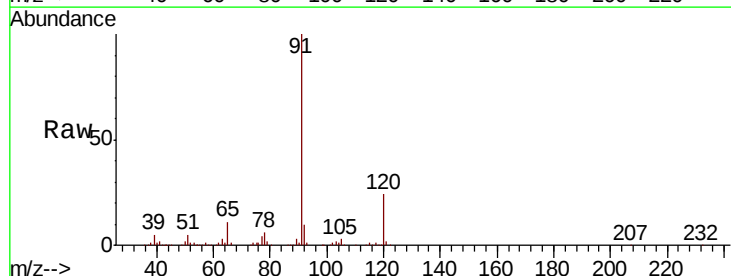
Acq: 08 Oct 2019 21:06

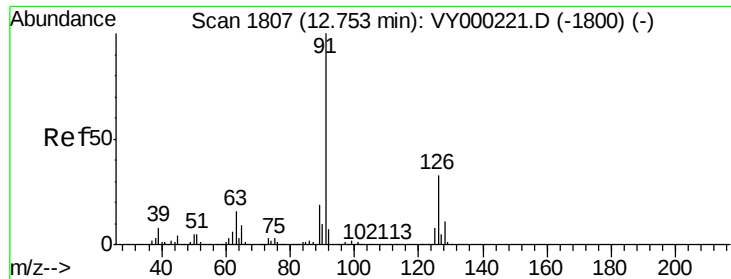
Tgt Ion: 91 Resp: 283640

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.8





#79

2-Chlorotoluene

Concen: 16.790 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1008WBSD01

Tot Ion: 91 Resp: 169350

Ion Ratio Lower Upper

91 100

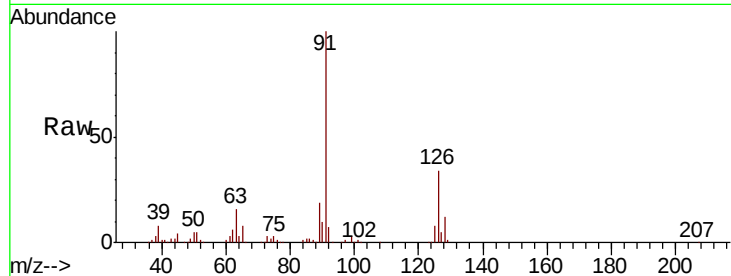
126 34.6 17.2 51.6

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Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)

150000

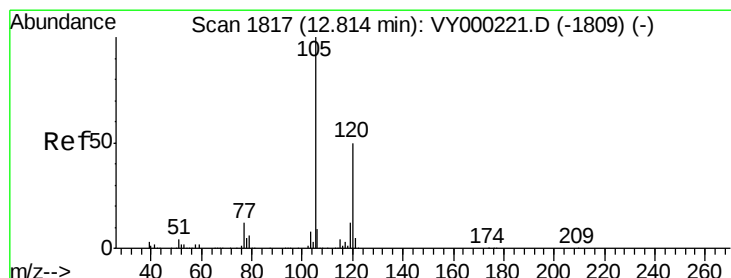
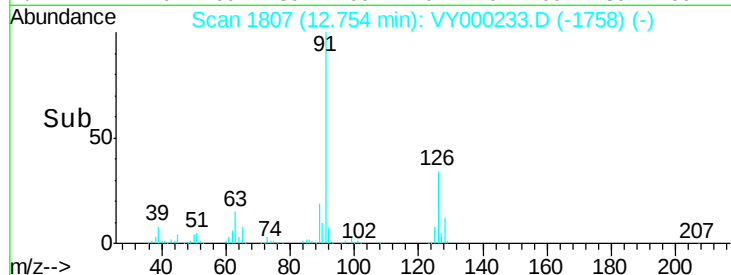
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 16.861 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000233.D

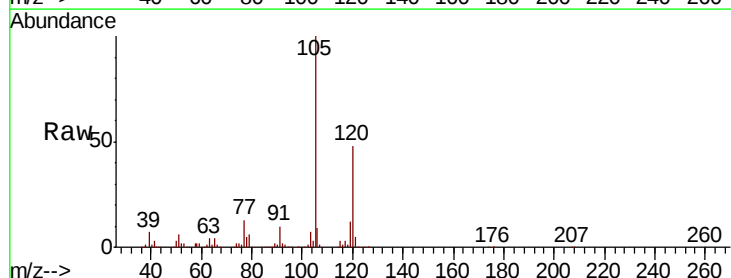
Acq: 08 Oct 2019 21:06

Tgt Ion: 105 Resp: 211008

Ion Ratio Lower Upper

105 100

120 49.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)

150000

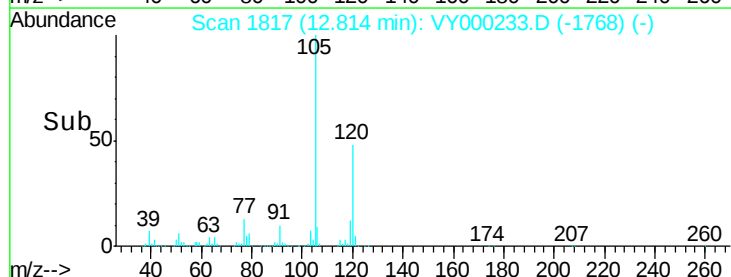
100000

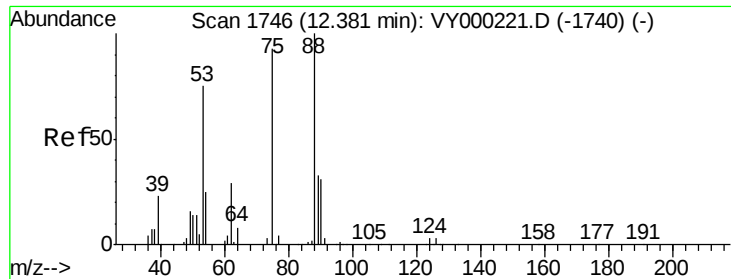
50000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.781 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

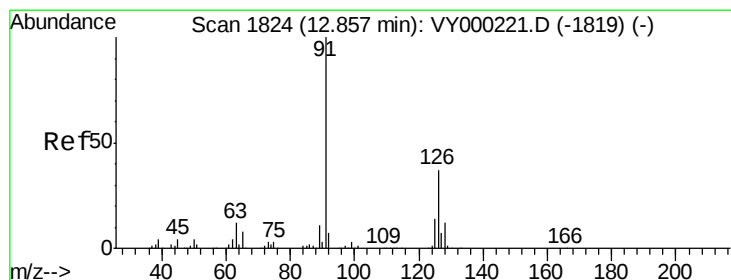
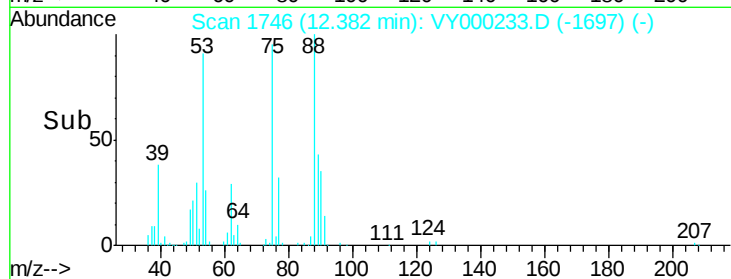
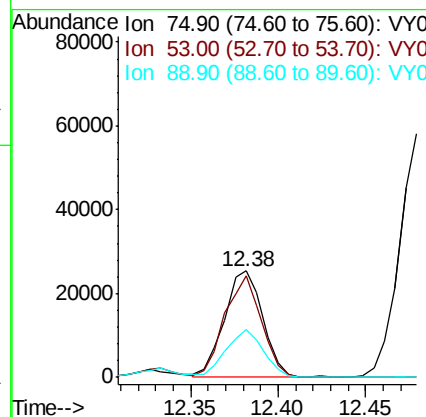
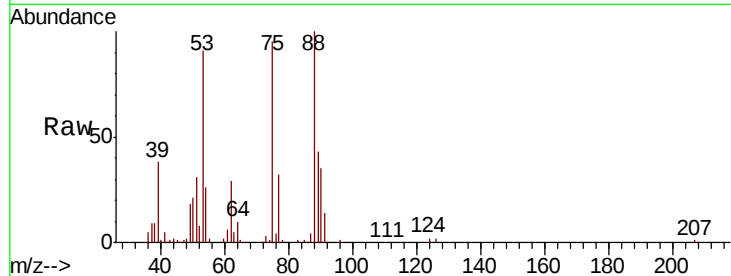
ClientSampleId :

VY1008WBSD01

Tot Ion:	75	Resp:	39064
Ion	Ratio	Lower	Upper
75	100		
53	90.2	66.5	99.7
89	43.6	46.9	70.3#

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#82

4-Chlorotoluene

Concen: 17.182 ug/l

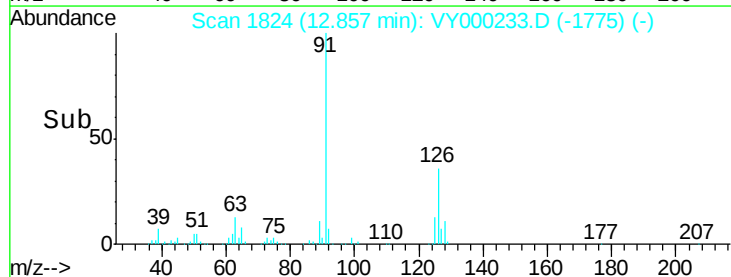
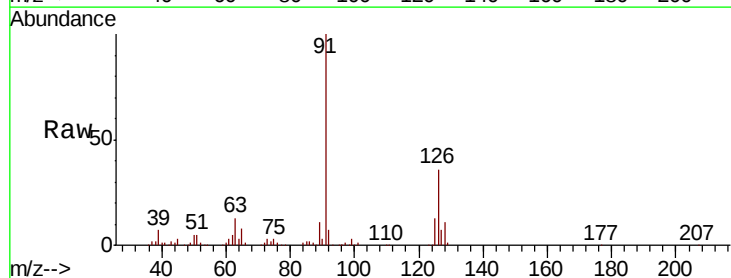
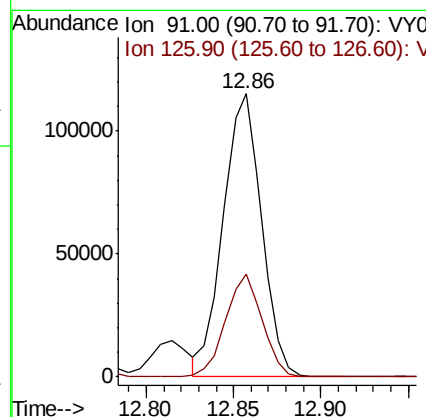
RT: 12.86 min Scan# 1824

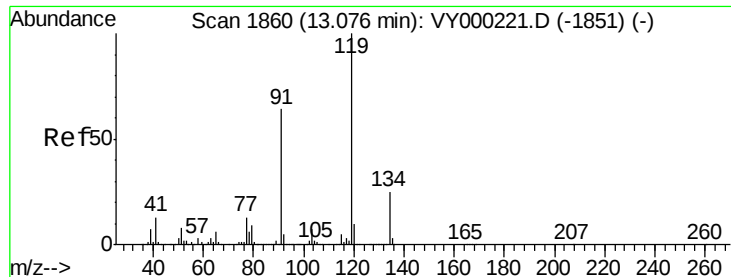
Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Tgt Ion:	91	Resp:	175527
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.3	52.0





#83

tert-Butylbenzene

Concen: 16.356 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Instrument :

MSVOA_Y

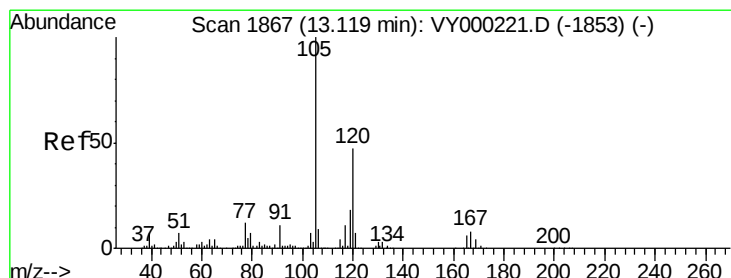
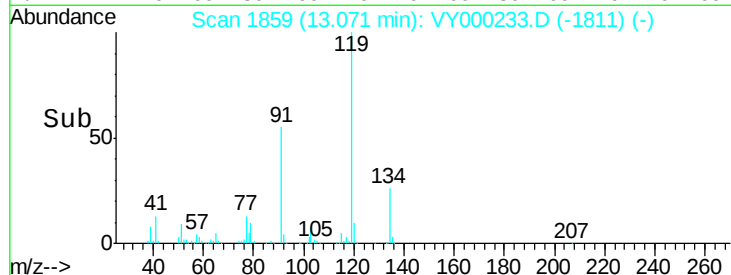
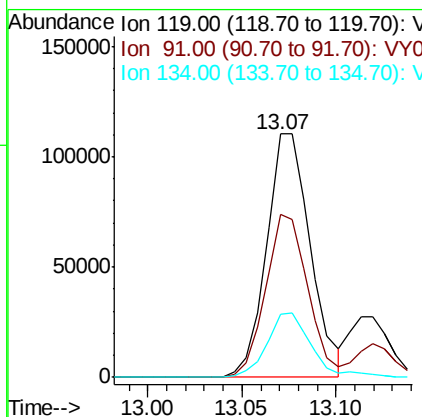
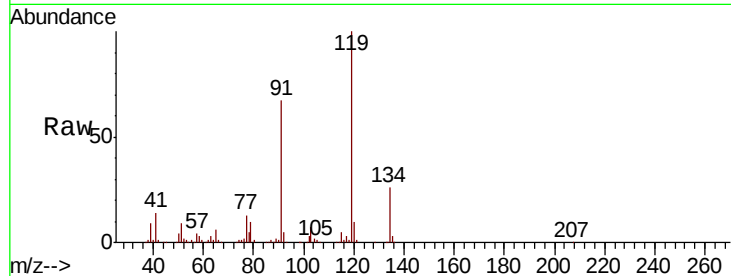
ClientSampleId :

VY1008WBSD01

Tot Ion:	119	Resp:	177906
Ion Ratio	Lower	Upper	
119	100		
91	64.5	32.4	97.2
134	27.1	13.2	39.6

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#84

1,2,4-Trimethylbenzene

Concen: 16.755 ug/l

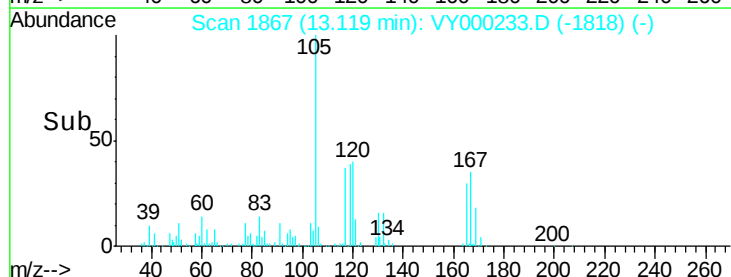
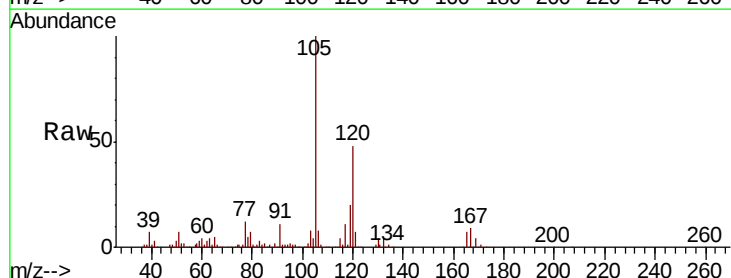
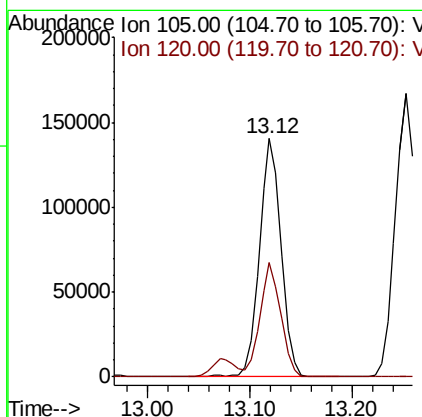
RT: 13.12 min Scan# 1867

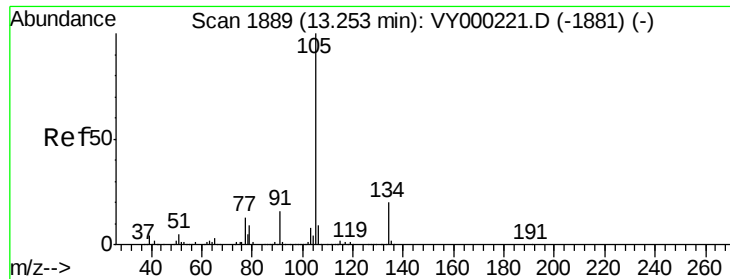
Delta R.T. 0.00 min

Lab File: VY000233.D

Acq: 08 Oct 2019 21:06

Tgt Ion:	105	Resp:	209494
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.8	68.3





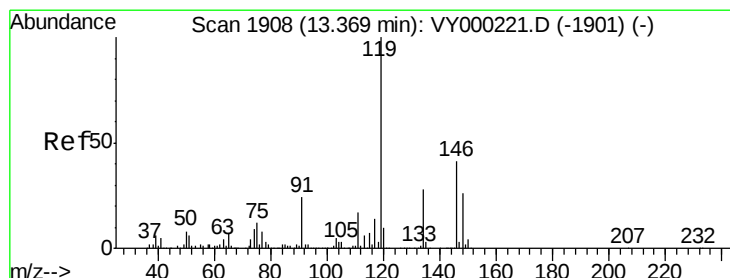
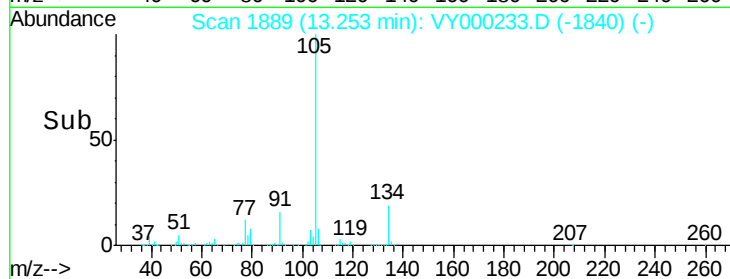
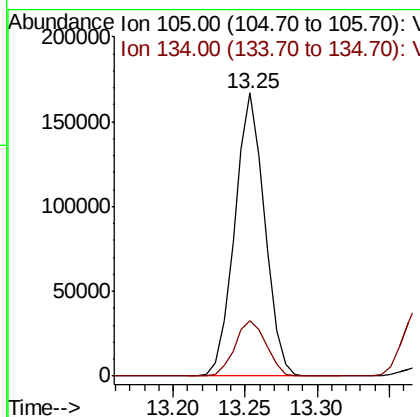
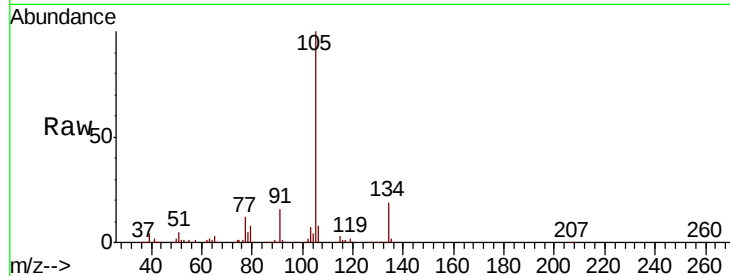
#85
 sec-Butylbenzene
 Concen: 16.111 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.2	30.6

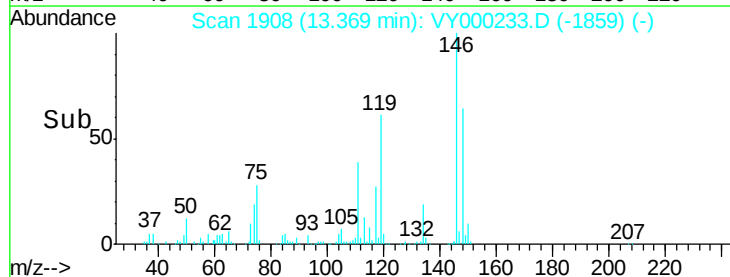
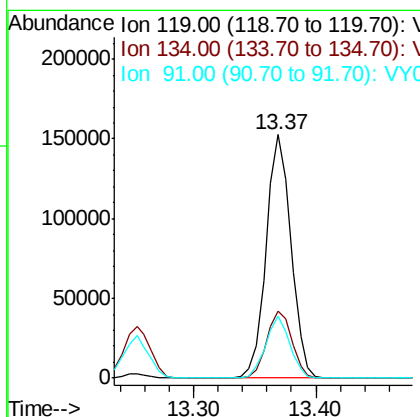
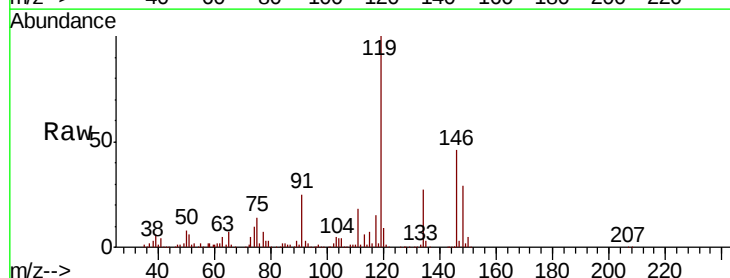
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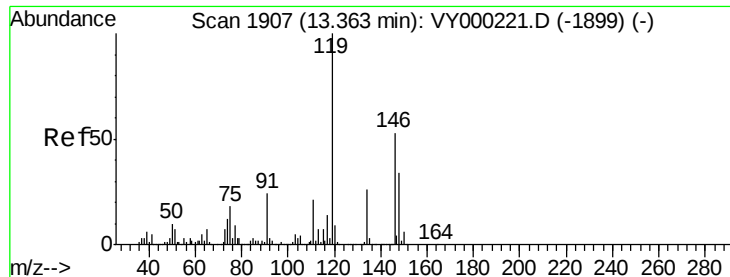
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#86
 p-Isopropyltoluene
 Concen: 16.319 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.3	39.9
91	24.8	11.7	35.1





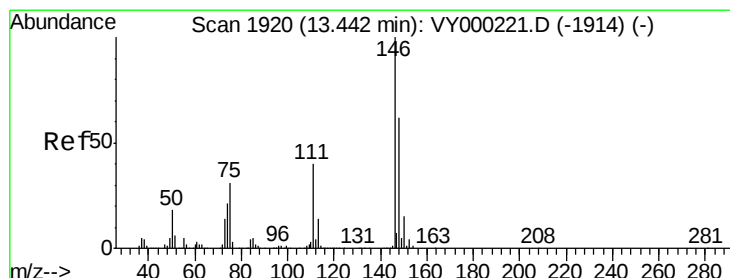
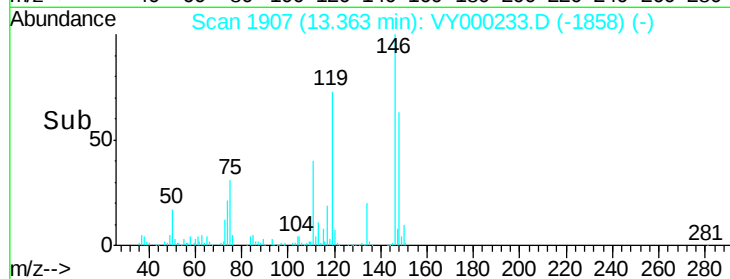
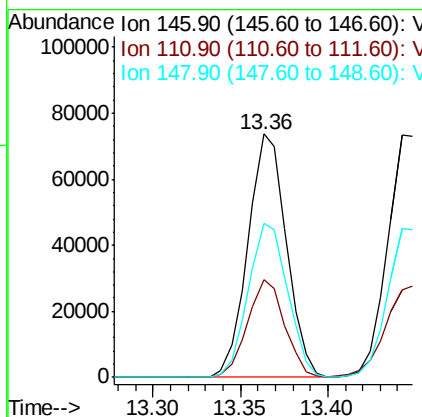
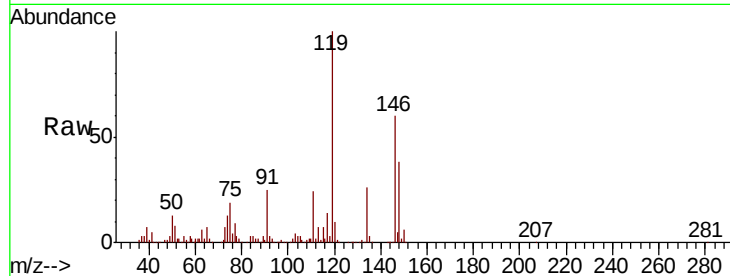
#87
 1,3-Dichlorobenzene
 Concen: 17.720 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.3	60.8
148	64.8	31.7	95.1

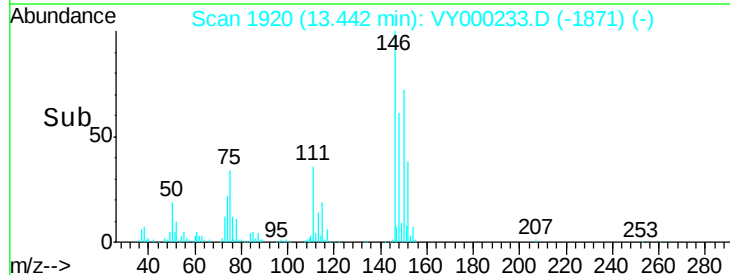
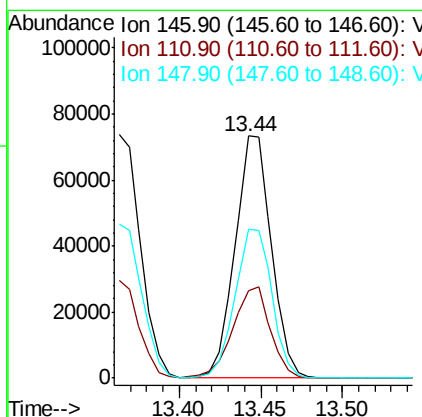
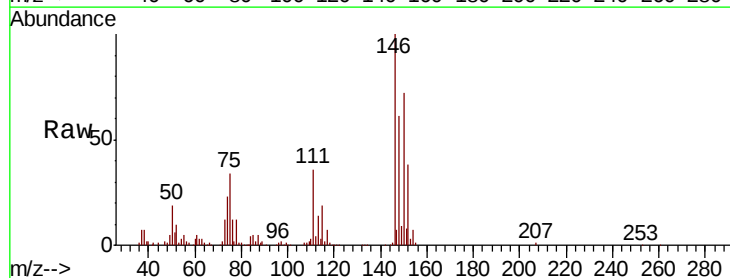
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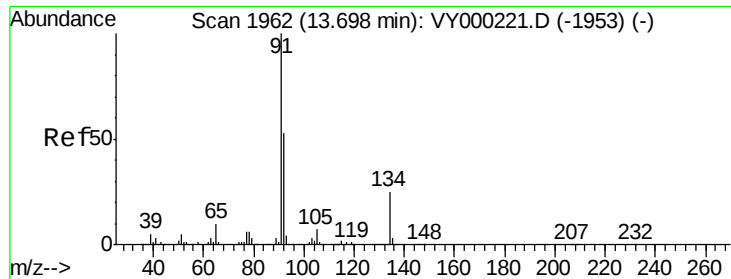
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#88
 1,4-Dichlorobenzene
 Concen: 17.146 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	62.8	31.6	94.8





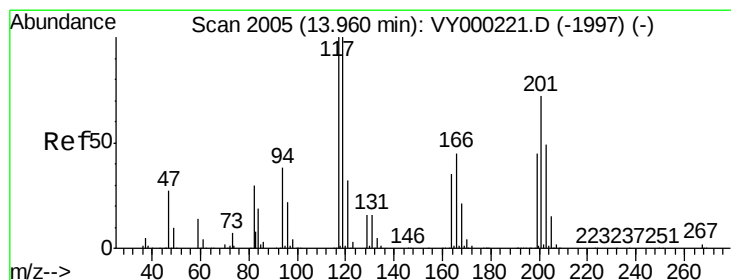
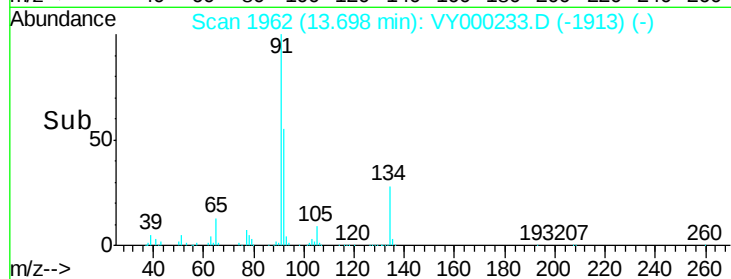
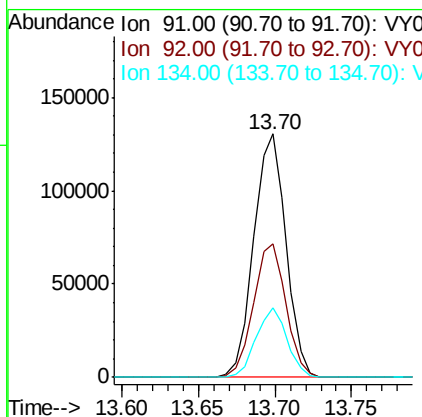
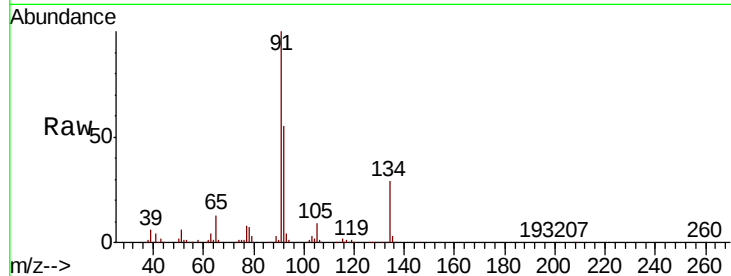
#89
n-Butylbenzene
Concen: 15.409 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.0	80.8
134	27.3	12.8	38.4

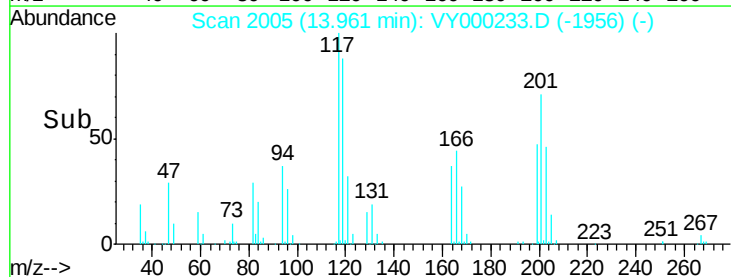
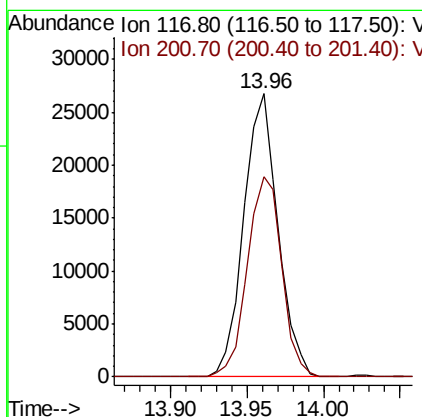
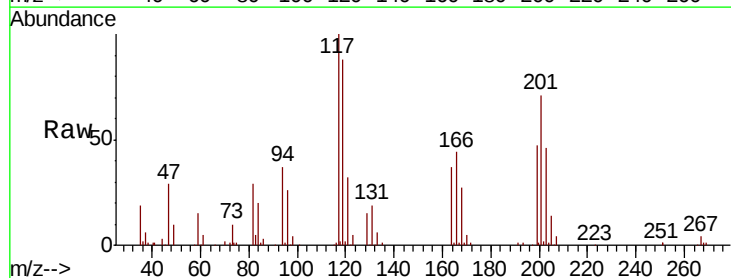
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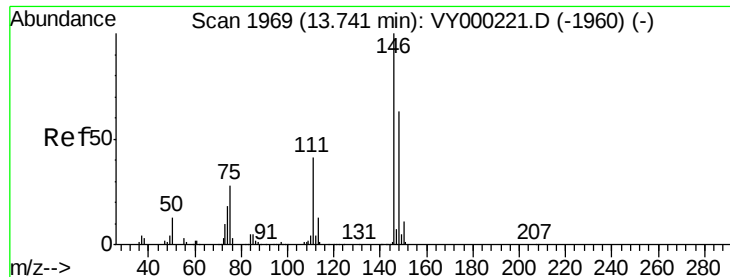
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#90
Hexachloroethane
Concen: 16.641 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.5	35.5	106.5





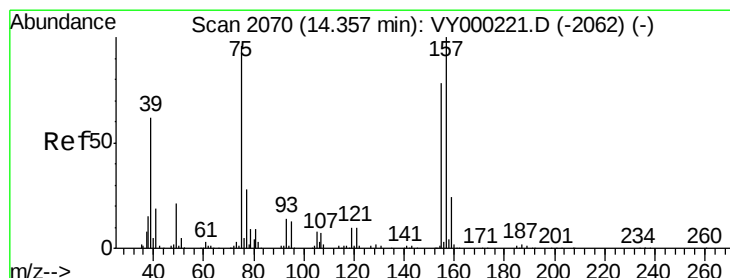
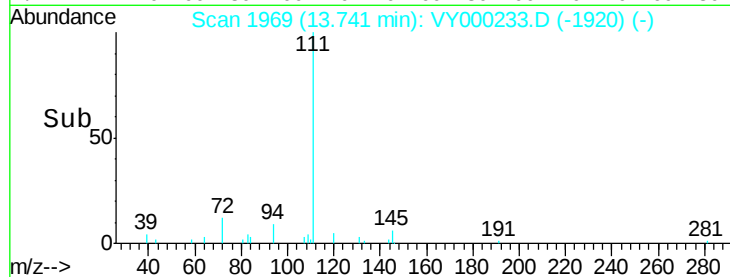
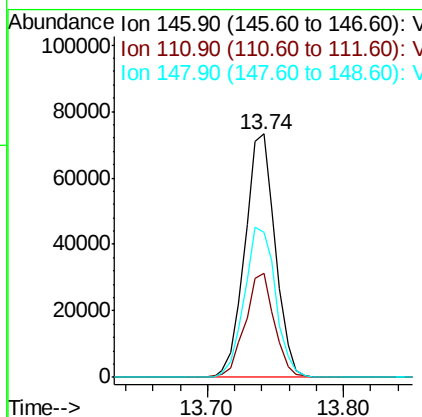
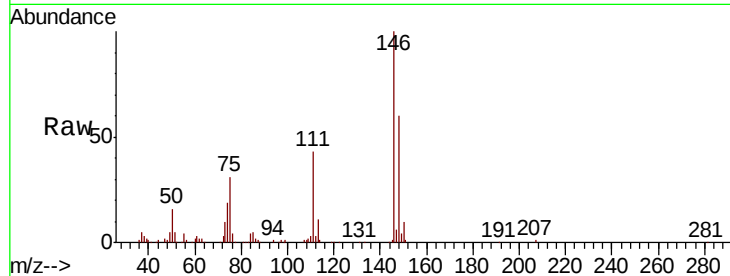
#91
 1,2-Dichlorobenzene
 Concen: 17.729 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.8
148	63.4	31.6	95.0

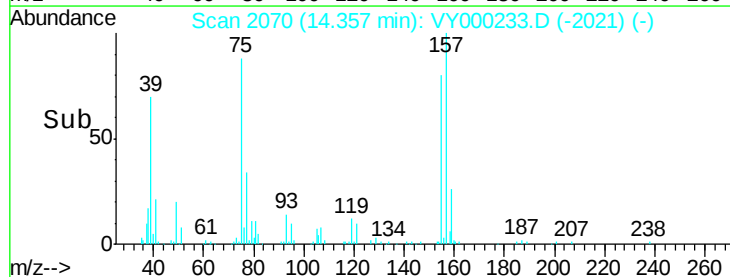
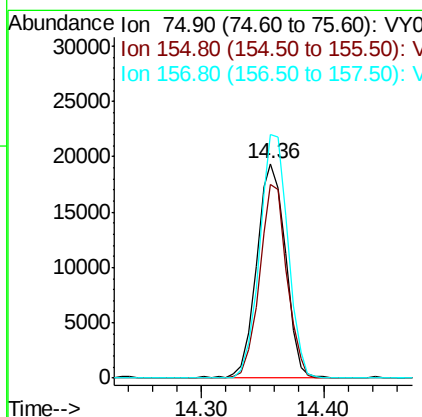
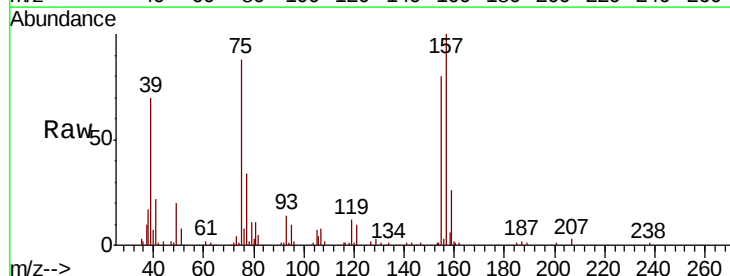
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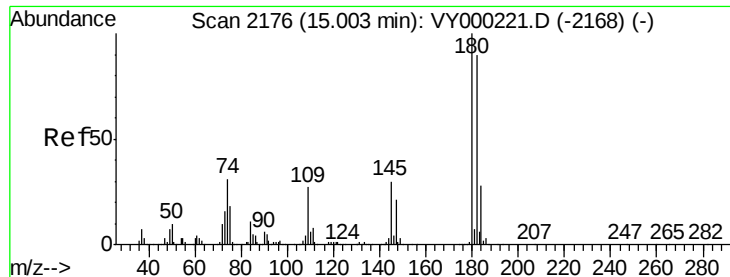
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.339 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	42.4	127.3
157	111.0	53.8	161.5





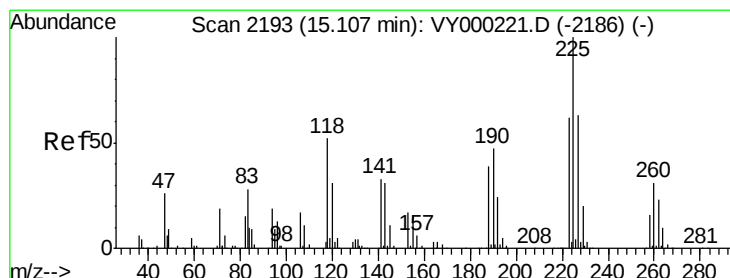
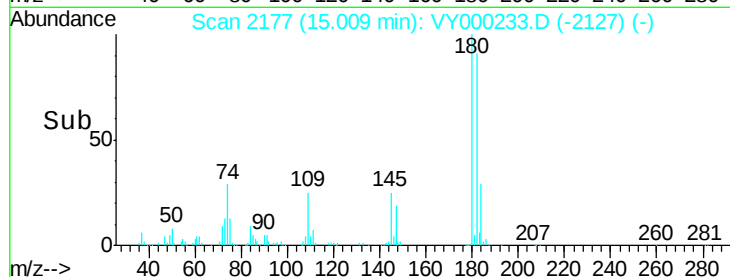
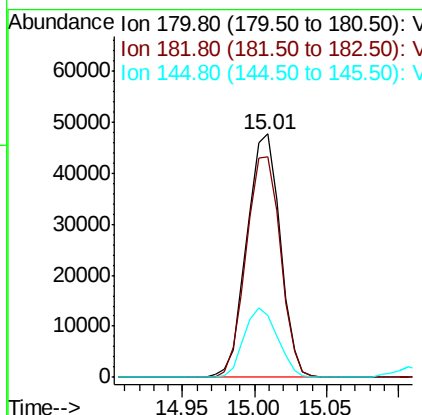
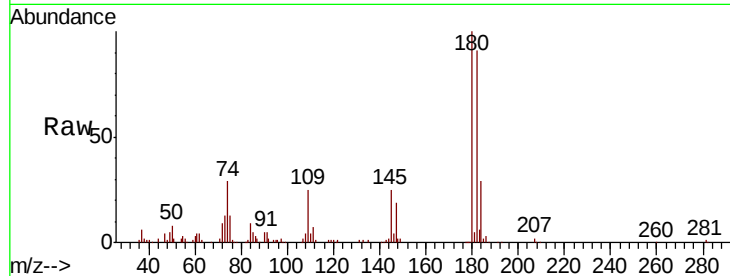
#93
 1,2,4-Trichlorobenzene
 Concen: 17.421 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.2	141.6
145	28.8	15.3	45.8

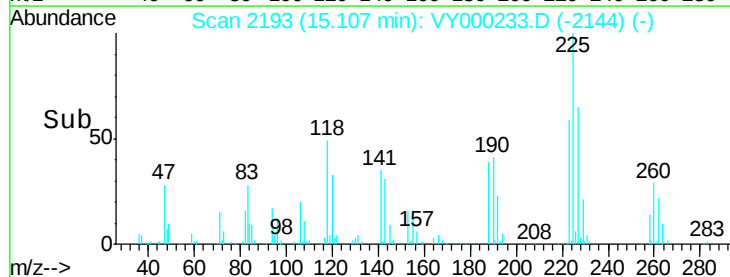
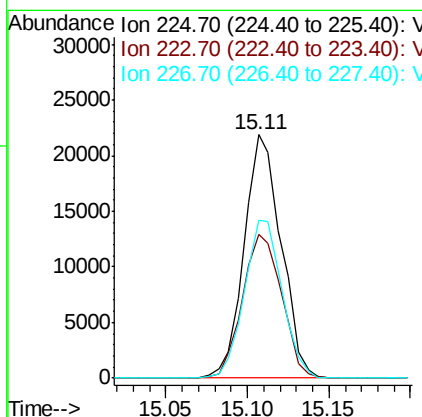
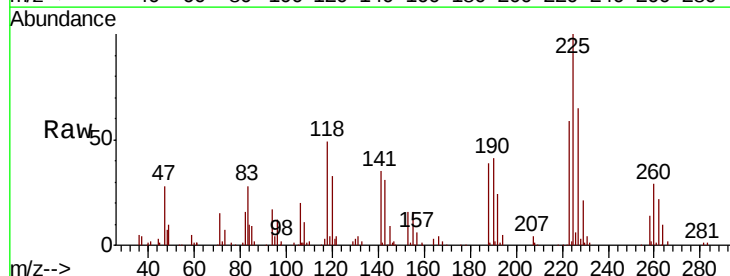
Manual Integrations
 APPROVED

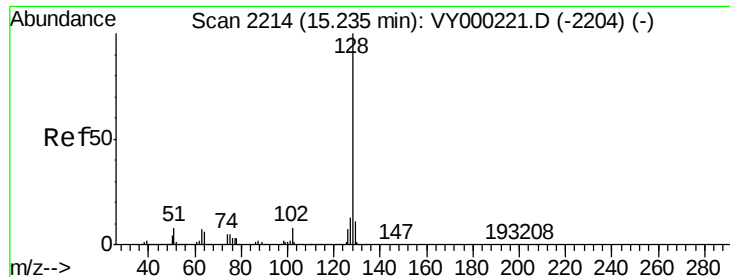
MMDadoda
 10/10/2019 12:52:58 AM



#94
 Hexachlorobutadiene
 Concen: 16.460 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000233.D
 Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.5
227	66.3	31.5	94.5





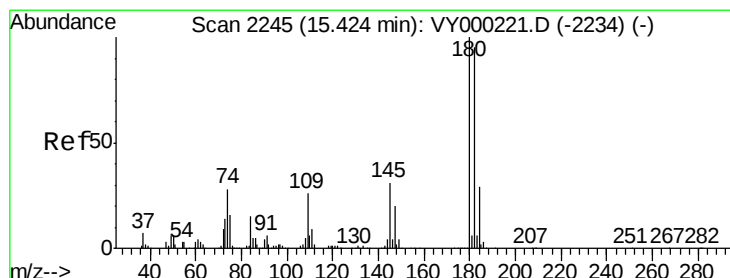
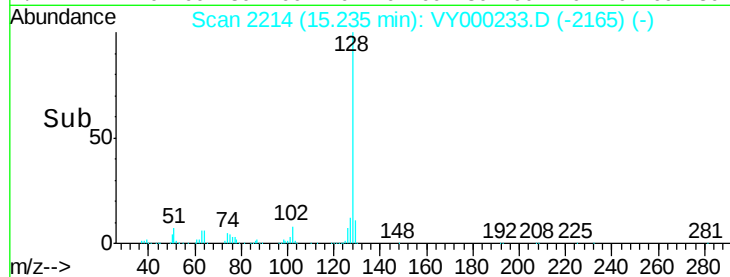
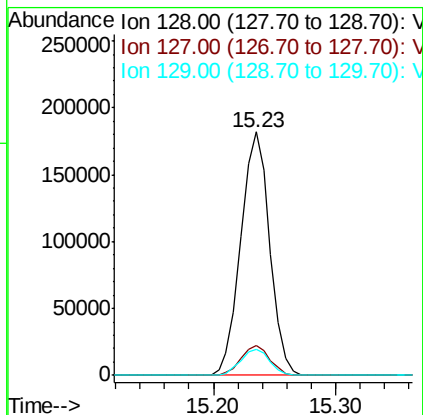
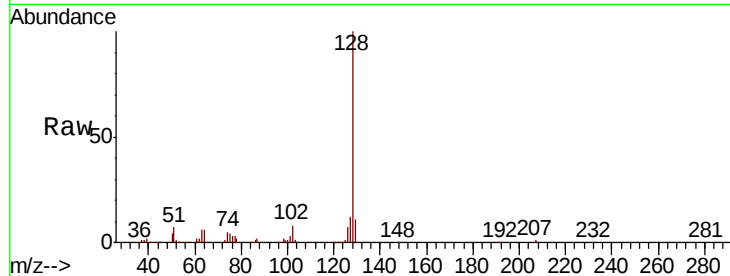
#95
Naphthalene
Concen: 18.073 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1008WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.337 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000233.D
Acq: 08 Oct 2019 21:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.7
145	32.7	16.3	48.9

