

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000246.D
 Acq On : 09 Oct 2019 16:13
 Operator : SY/MD
 Sample : VY1009WBS01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 8:41:02 AM

Quant Time: Oct 10 02:03:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	258095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	429953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	162370	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.73	113	128507	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.19	98	496247	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.48	95	170982	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	42122	16.348	ug/l	98
3) Chloromethane	2.11	50	53942	15.373	ug/l	99
4) Vinyl Chloride	2.25	62	56860	15.695	ug/l	96
5) Bromomethane	2.65	94	43488	19.025	ug/l	99
6) Chloroethane	2.79	64	35187	15.377	ug/l	95
7) Trichlorofluoromethane	3.13	101	73113	15.617	ug/l	97
8) Diethyl Ether	3.54	74	32451	15.160	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	42718	15.628	ug/l	96
10) Methyl Iodide	4.09	142	58078	13.505	ug/l	99
11) Tert butyl alcohol	4.97	59	148161	82.157	ug/l	99
12) 1,1-Dichloroethene	3.88	96	45450	16.017	ug/l	95
13) Acrolein	3.74	56	72896	77.006	ug/l	99
14) Allyl chloride	4.49	41	72348	15.131	ug/l	99
15) Acrylonitrile	5.18	53	246637	77.475	ug/l	98
16) Acetone	3.96	43	216438	82.326	ug/l	98
17) Carbon Disulfide	4.19	76	125159	14.965	ug/l	99
18) Methyl Acetate	4.49	43	116554	16.177	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	161056	15.514	ug/l	93
20) Methylene Chloride	4.73	84	54089	15.661	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	49740	15.582	ug/l	88
22) Diisopropyl ether	6.13	45	168022	15.167	ug/l	98
23) Vinyl Acetate	6.08	43	775748	72.461	ug/l	97
24) 1,1-Dichloroethane	6.03	63	89750	15.883	ug/l	99
25) 2-Butanone	7.00	43	394138	81.037	ug/l	98
26) 2,2-Dichloropropane	7.00	77	75820	14.864	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	57205	15.214	ug/l	99
28) Bromochloromethane	7.35	49	44030	23.674	ug/l	89
29) Tetrahydrofuran	7.36	42	265725	77.360	ug/l	97
30) Chloroform	7.52	83	91068	15.529	ug/l	93
31) Cyclohexane	7.80	56	82700	14.490	ug/l #	96
32) 1,1,1-Trichloroethane	7.72	97	81054	16.258	ug/l	100
36) 1,1-Dichloropropene	7.93	75	65273	14.920	ug/l	99
37) Ethyl Acetate	7.09	43	125214	15.833	ug/l	99
38) Carbon Tetrachloride	7.91	117	69531	16.307	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	80420	14.653	ug/l	97
40) Benzene	8.17	78	210300	15.847	ug/l	98
41) Methacrylonitrile	7.35	41	104648m	16.811	ug/l	
42) 1,2-Dichloroethane	8.25	62	74205	17.215	ug/l	98
43) Isopropyl Acetate	8.28	43	160912	15.807	ug/l	98
44) Trichloroethene	8.95	130	58899	16.367	ug/l	95
45) 1,2-Dichloropropane	9.22	63	54363	16.355	ug/l	91
46) Dibromomethane	9.31	93	36853	15.815	ug/l	98
47) Bromodichloromethane	9.50	83	73220	16.063	ug/l	98
48) Methyl methacrylate	9.30	41	71395	15.538	ug/l	98
49) 1,4-Dioxane	9.30	88	38836	329.259	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	631207	82.506	ug/l	100
52) Toluene	10.25	92	129928	15.265	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	79501	15.373	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	88644	15.841	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	54952	16.373	ug/l	95
56) Ethyl methacrylate	10.52	69	92355	15.630	ug/l	97
57) 1,3-Dichloropropane	10.80	76	91270	15.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	264252	100.333	ug/l	99
59) 2-Hexanone	10.84	43	542477	75.196	ug/l	98
60) Dibromochloromethane	10.99	129	57024	16.070	ug/l	99
61) 1,2-Dibromoethane	11.09	107	58064	16.287	ug/l	99
64) Tetrachloroethene	10.72	164	59291	16.983	ug/l	91
65) Chlorobenzene	11.52	112	137278	15.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	52313	16.532	ug/l	99
67) Ethyl Benzene	11.59	91	241272	15.249	ug/l	94
68) m/p-Xylenes	11.70	106	192024	31.806	ug/l	96
69) o-Xylene	12.03	106	90401	15.543	ug/l	98
70) Styrene	12.05	104	157739	15.745	ug/l	97
71) Bromoform	12.21	173	43598	16.697	ug/l #	97
73) Isopropylbenzene	12.33	105	237459	15.249	ug/l	98
74) N-amyl acetate	12.14	43	114406	14.005	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	82535	15.530	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	81692m	16.837	ug/l	
77) Bromobenzene	12.61	156	58727	16.082	ug/l	95
78) n-propylbenzene	12.67	91	275809	15.163	ug/l	99
79) 2-Chlorotoluene	12.76	91	160464	15.322	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	205885	15.845	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	35025	14.603	ug/l #	88
82) 4-Chlorotoluene	12.86	91	162562	15.326	ug/l	96
83) tert-Butylbenzene	13.08	119	170092	15.061	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	199475	15.365	ug/l	98
85) sec-Butylbenzene	13.25	105	238260	15.306	ug/l	100
86) p-Isopropyltoluene	13.37	119	213582	15.602	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	108143	16.340	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	104859	15.210	ug/l	98
89) n-Butylbenzene	13.70	91	189602	14.696	ug/l	98
90) Hexachloroethane	13.96	117	40506	15.643	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	104646	15.622	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28851	16.027	ug/l	99

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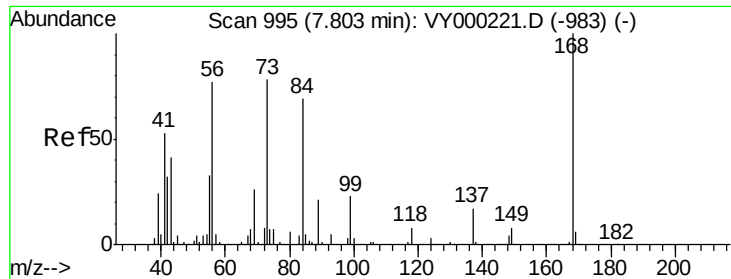
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	69408	15.260	ug/l	99
94) Hexachlorobutadiene	15.11	225	34100	15.689	ug/l	98
95) Naphthalene	15.23	128	274320	16.033	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	71936	16.443	ug/l	100

(#) = 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: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion:168 Resp: 258095

Ion Ratio Lower Upper

168 100

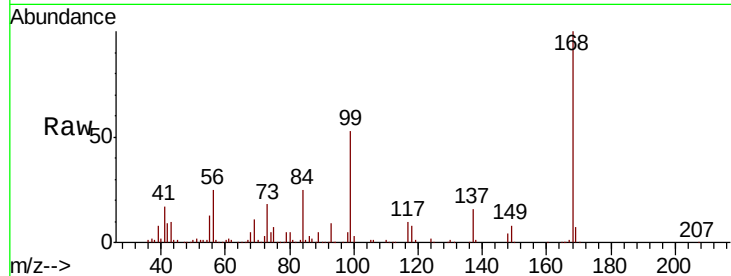
99 52.9 45.0 67.6

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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

120000

100000

80000

60000

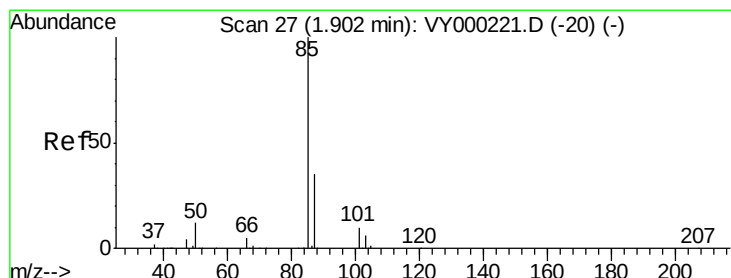
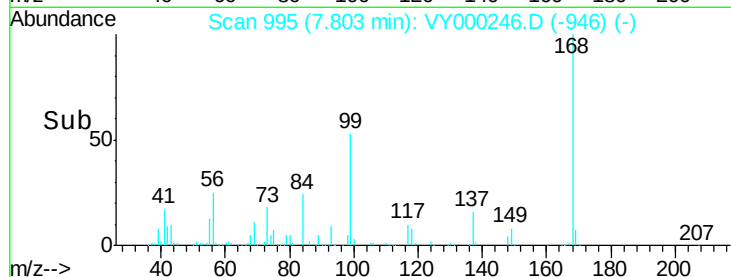
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.348 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000246.D

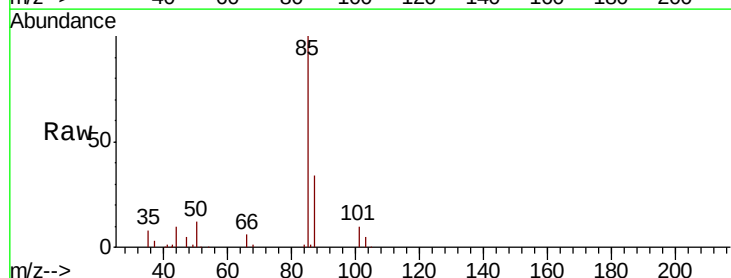
Acq: 09 Oct 2019 16:13

Tgt Ion: 85 Resp: 42122

Ion Ratio Lower Upper

85 100

87 33.8 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

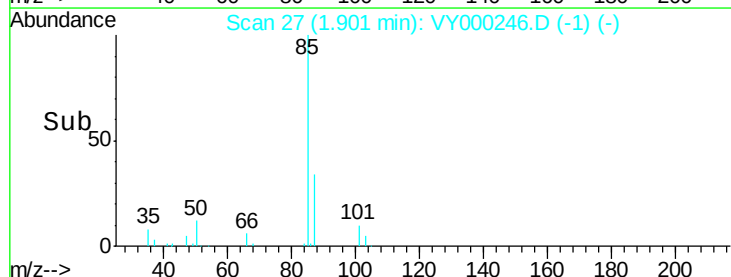
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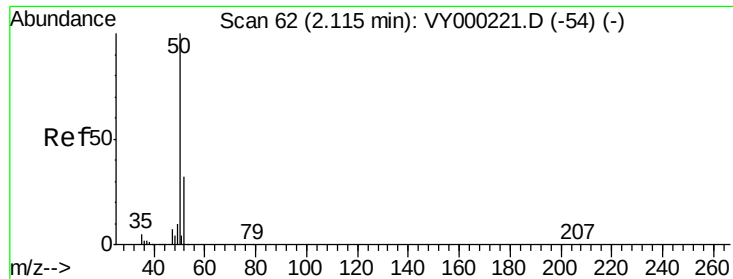
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 15.373 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion: 50 Resp: 53942

Ion Ratio Lower Upper

50 100

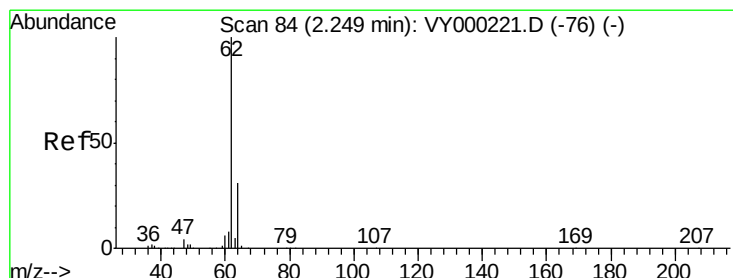
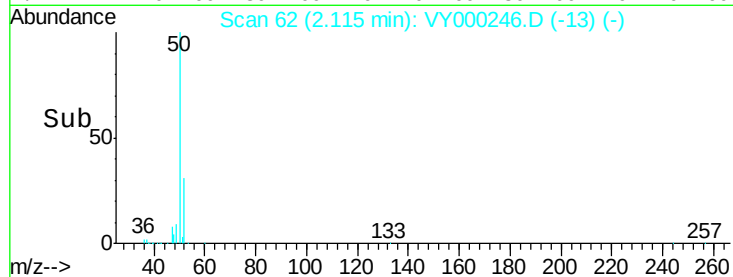
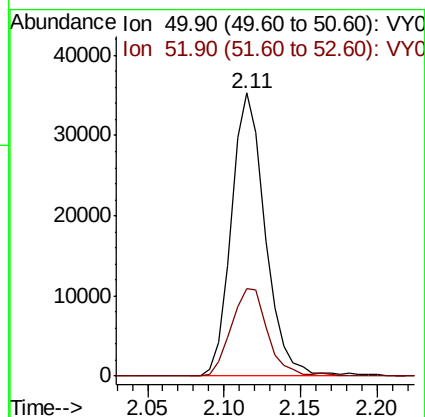
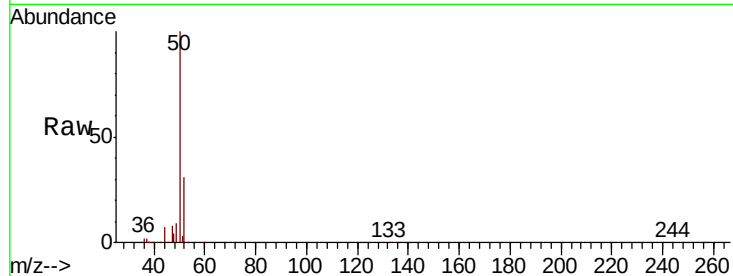
52 31.1 25.4 38.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.695 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000246.D

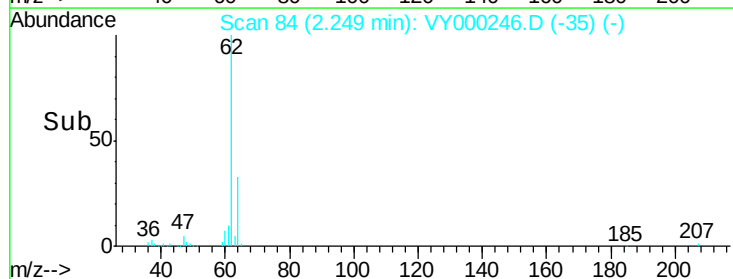
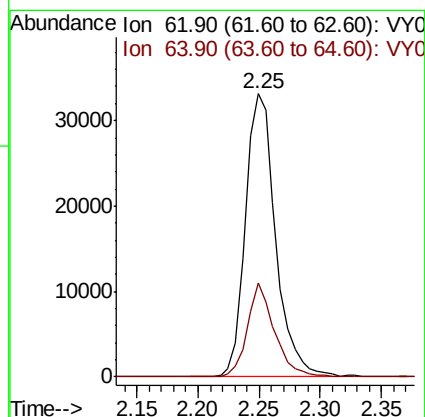
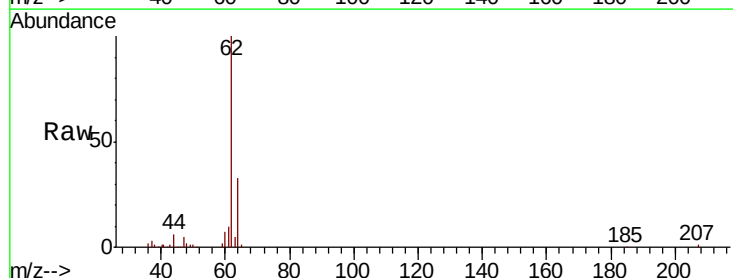
Acq: 09 Oct 2019 16:13

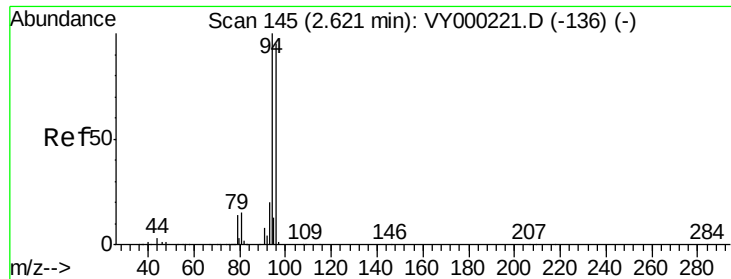
Tgt Ion: 62 Resp: 56860

Ion Ratio Lower Upper

62 100

64 33.3 25.0 37.6





#5

Bromomethane

Concen: 19.025 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.02 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion: 94 Resp: 43488

Ion Ratio Lower Upper

94 100

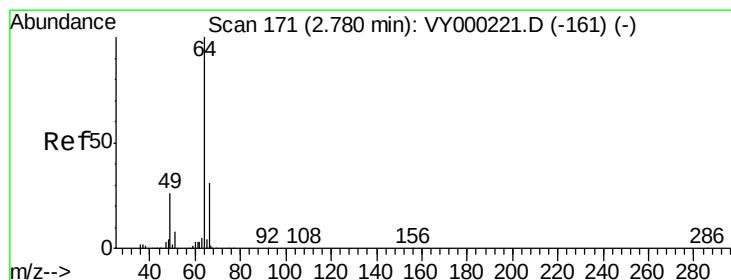
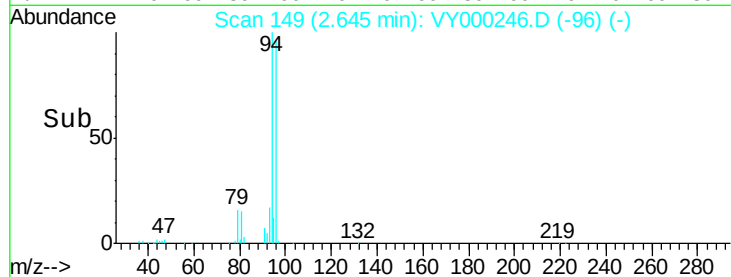
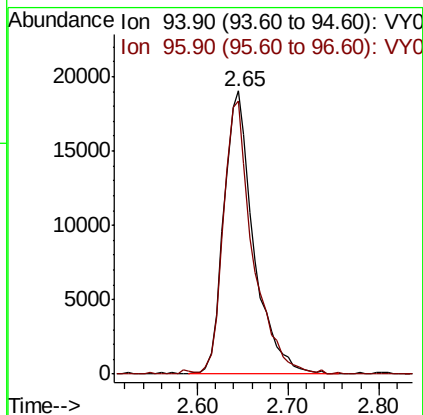
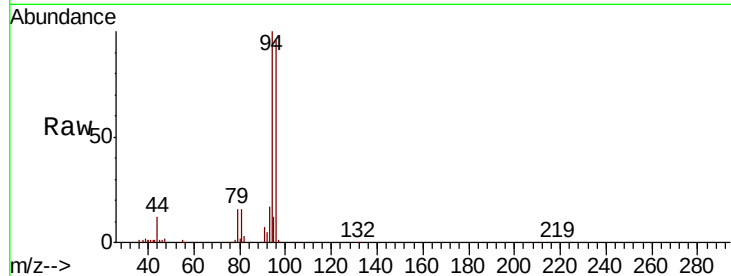
96 95.9 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 15.377 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000246.D

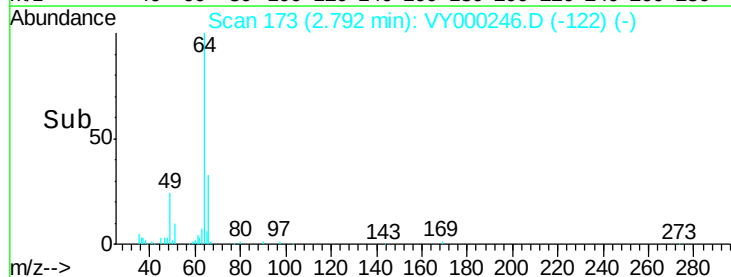
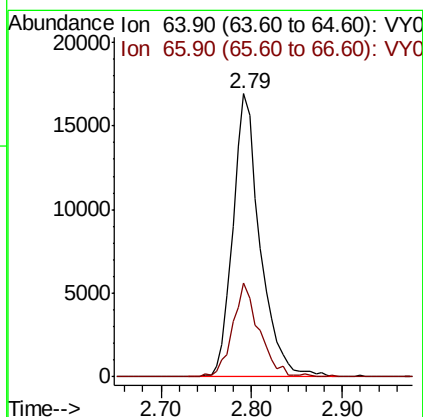
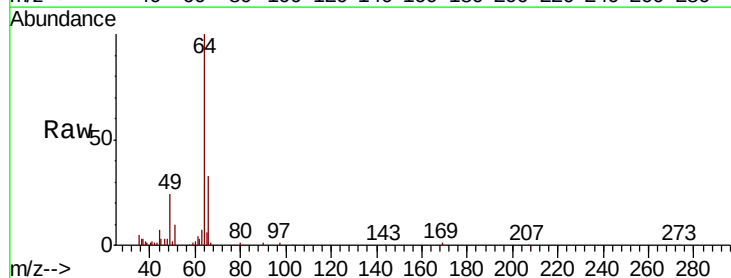
Acq: 09 Oct 2019 16:13

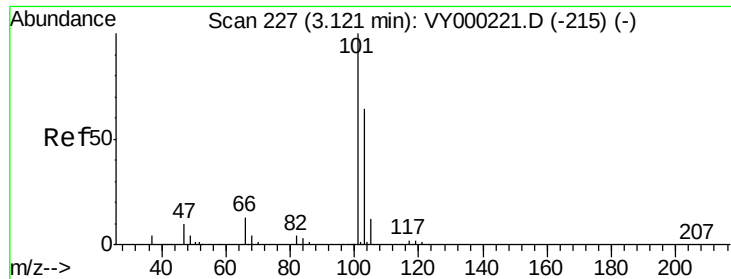
Tgt Ion: 64 Resp: 35187

Ion Ratio Lower Upper

64 100

66 33.2 24.5 36.7





#7

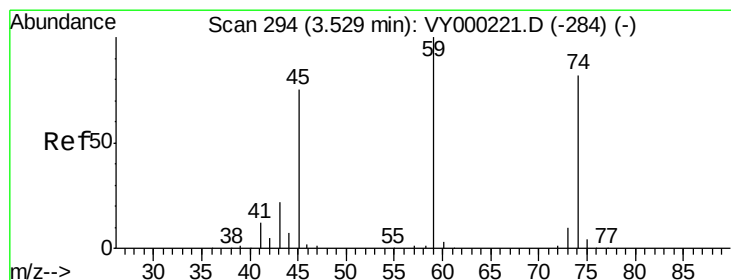
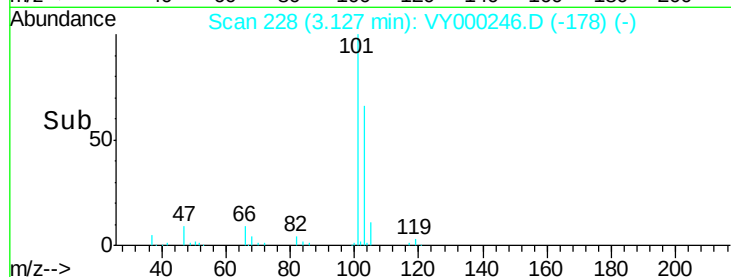
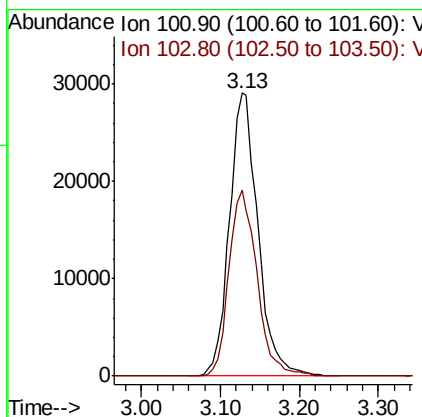
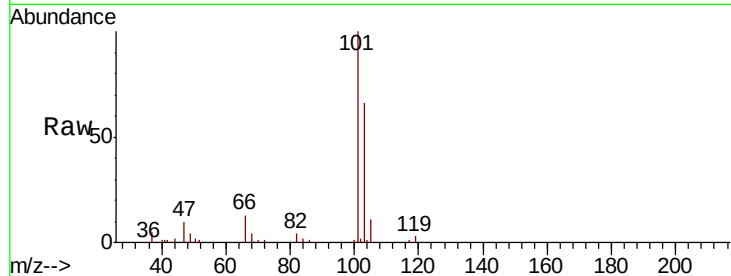
Trichlorofluoromethane
Concen: 15.617 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.0	76.6

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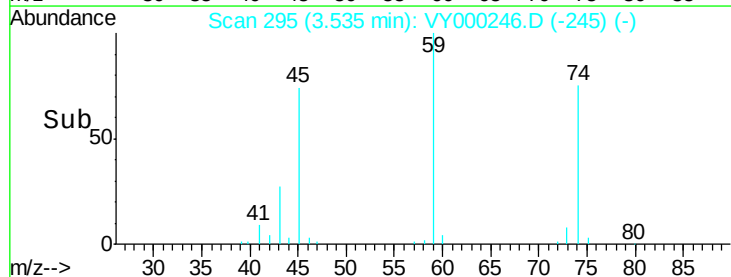
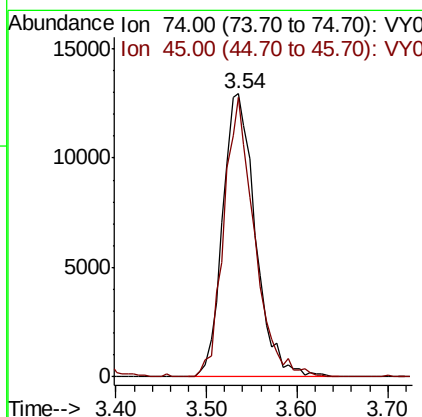
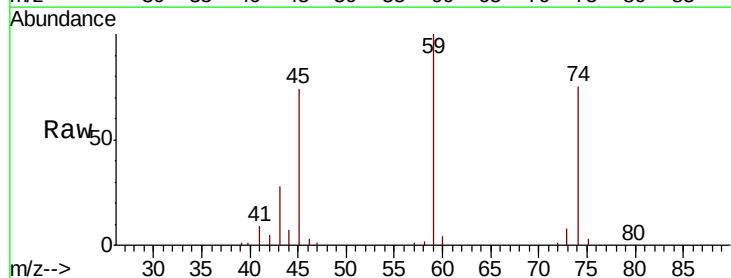
MMDadoda
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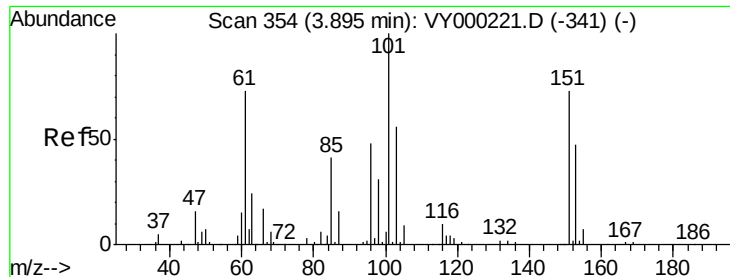


#8

Diethyl Ether
Concen: 15.160 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.5	45.8	137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.628 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

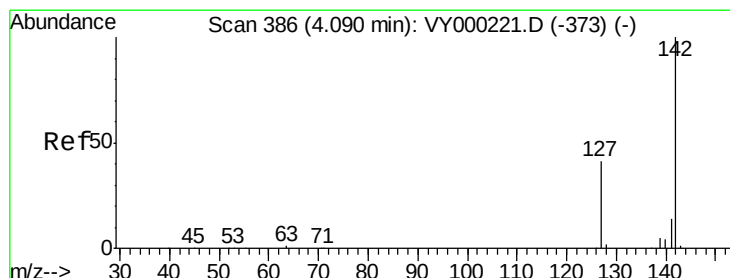
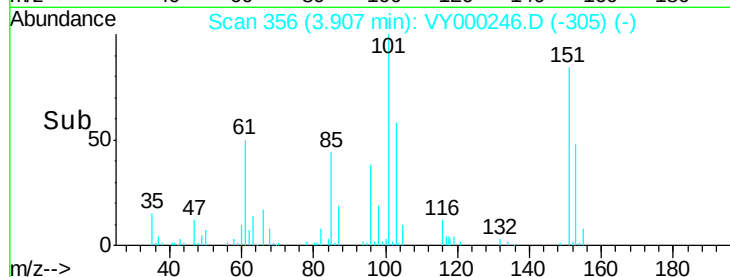
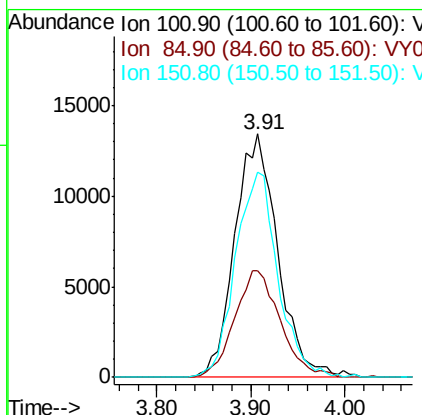
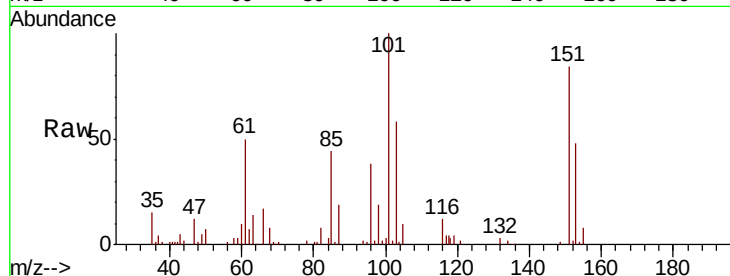
ClientSampleId :

VY1009WBS01

Tot Ion:	101	Resp:	42718
Ion Ratio	Lower	Upper	
101	100		
85	46.7	37.0	55.6
151	83.5	63.0	94.4

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10/11/2019 8:41:02 AM



#10

Methyl Iodide

Concen: 13.505 ug/l

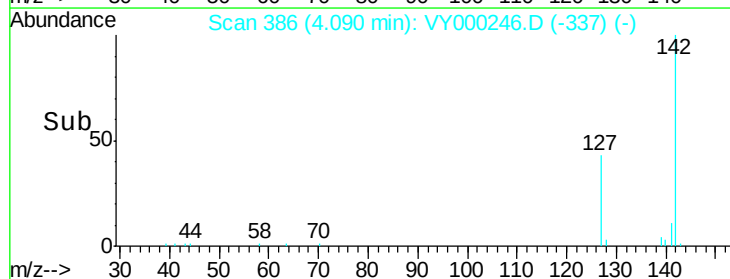
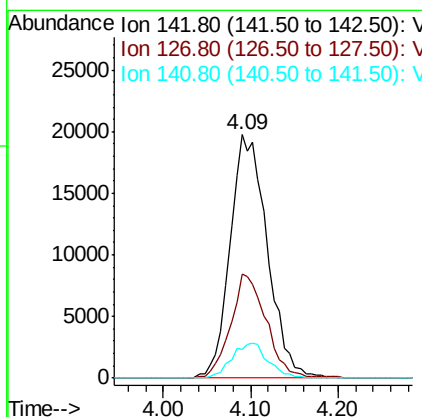
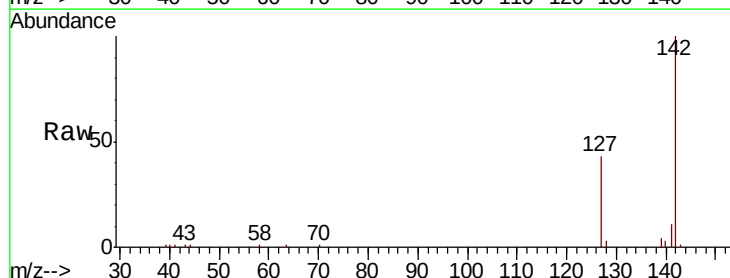
RT: 4.09 min Scan# 386

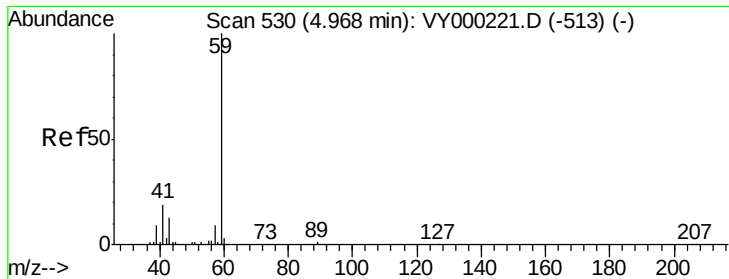
Delta R.T. 0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Tgt Ion:	142	Resp:	58078
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.0	49.6
141	14.1	11.0	16.4





#11

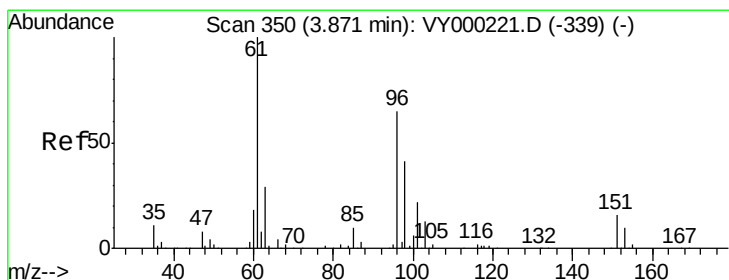
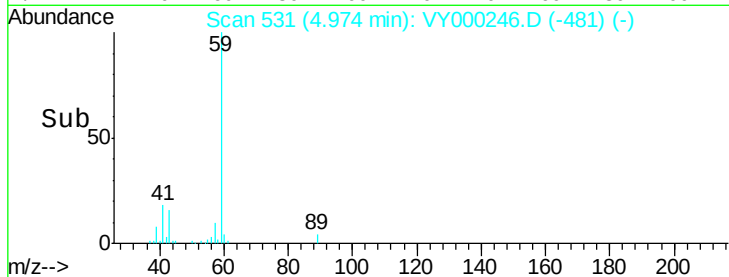
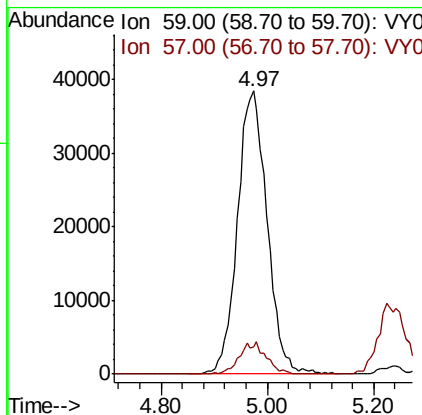
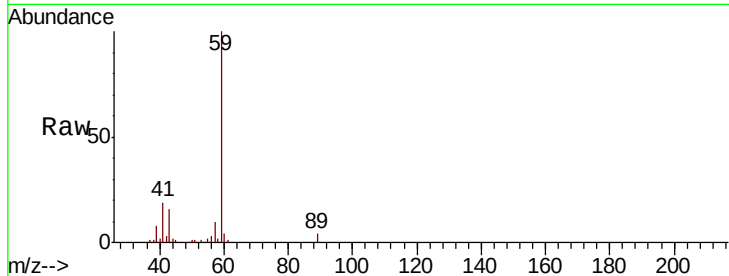
Tert butyl alcohol
Concen: 82.157 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	148161		
57	10.2		8.0	12.0

Manual Integrations
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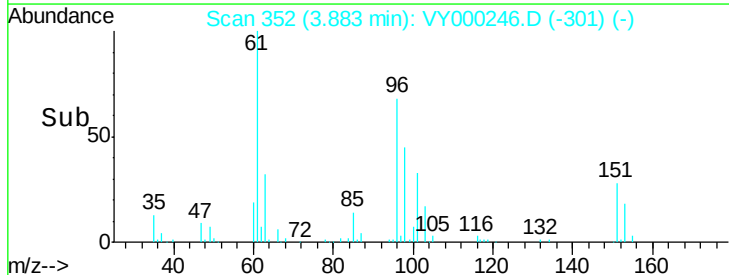
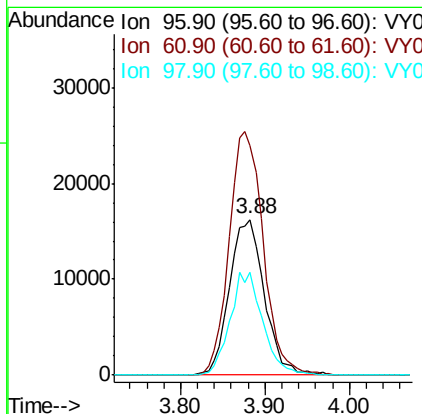
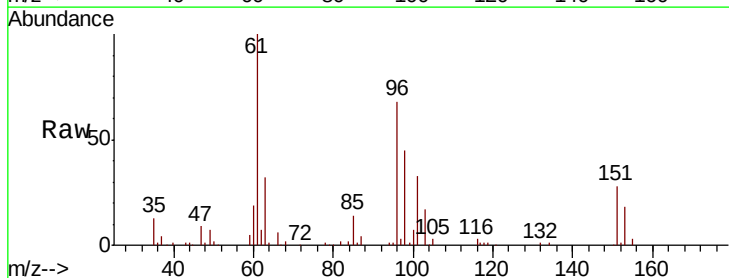
MMDadoda
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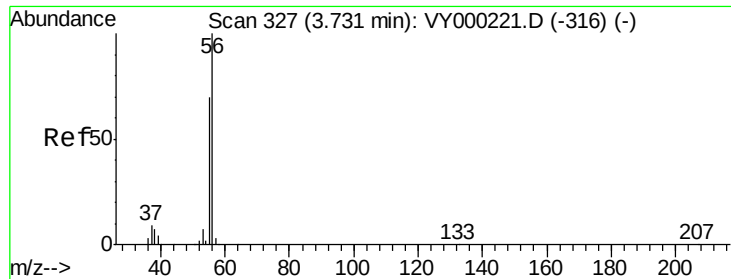


#12

1,1-Dichloroethene
Concen: 16.017 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	45450		
61	147.5		123.8	185.8
98	66.0		50.9	76.3





#13

Acrolein

Concen: 77.006 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion: 56 Resp: 72896

Ion Ratio Lower Upper

56 100

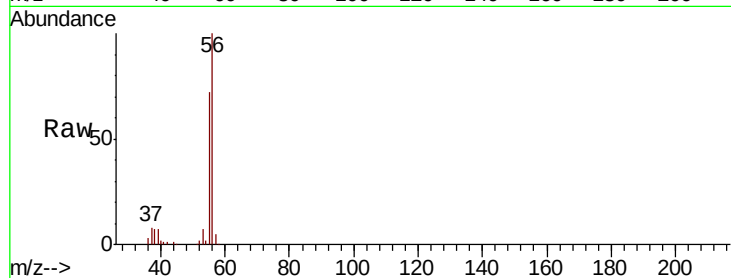
55 69.6 55.2 82.8

Manual Integrations

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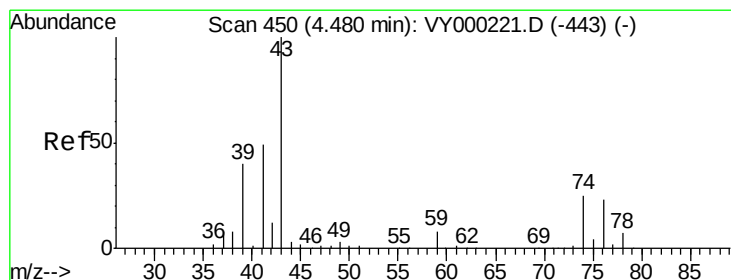
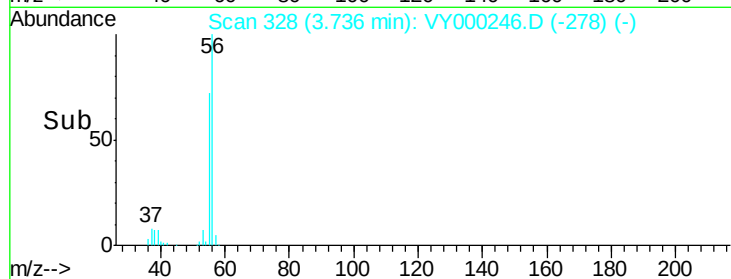
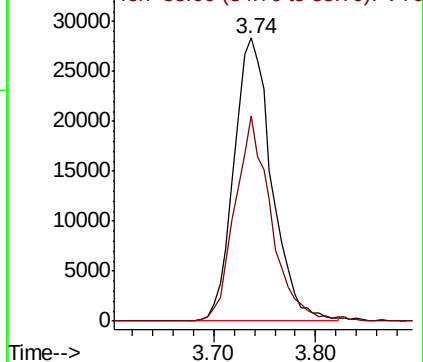
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 15.131 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

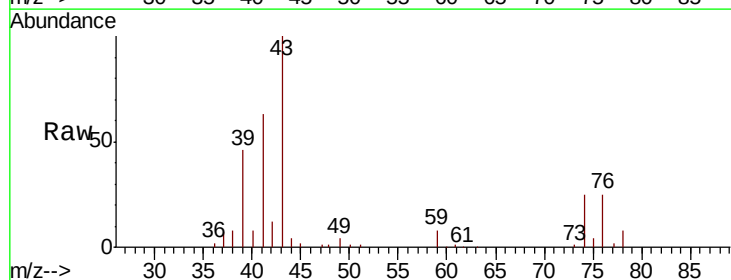
Tgt Ion: 41 Resp: 72348

Ion Ratio Lower Upper

41 100

39 70.5 56.4 84.6

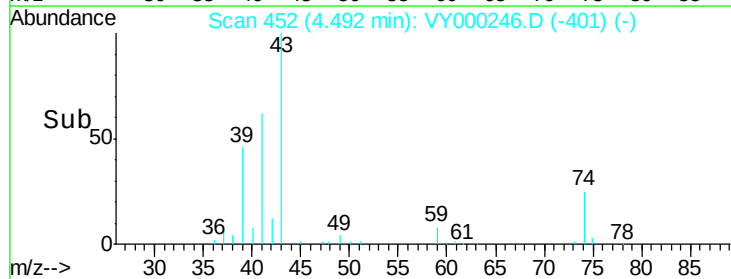
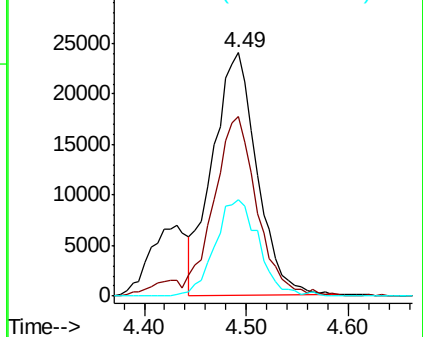
76 39.3 30.8 46.2

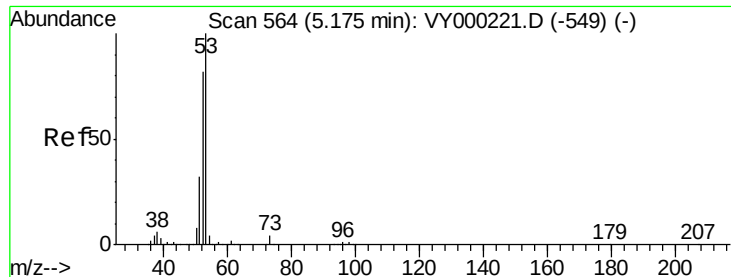


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 77.475 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

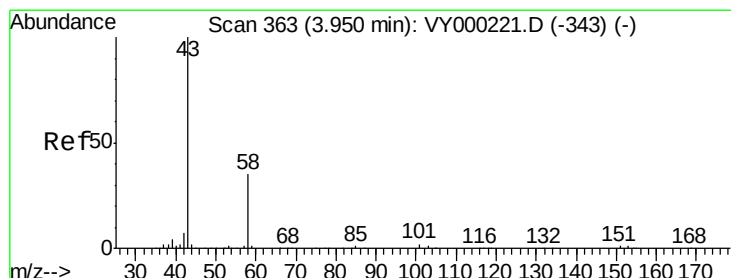
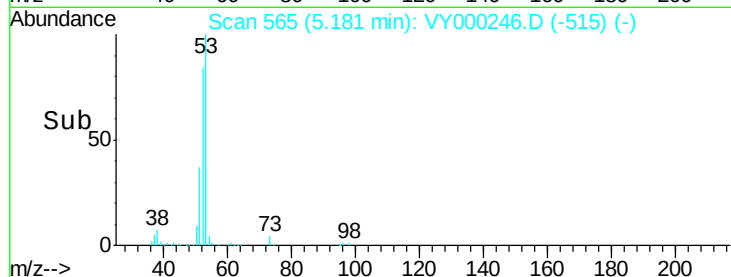
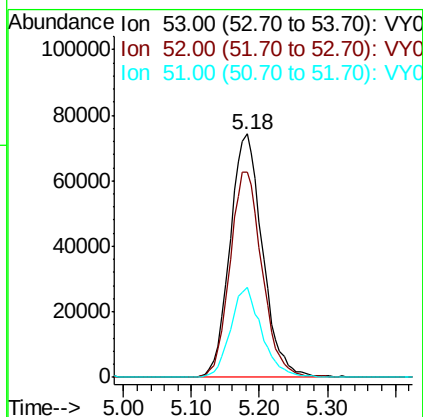
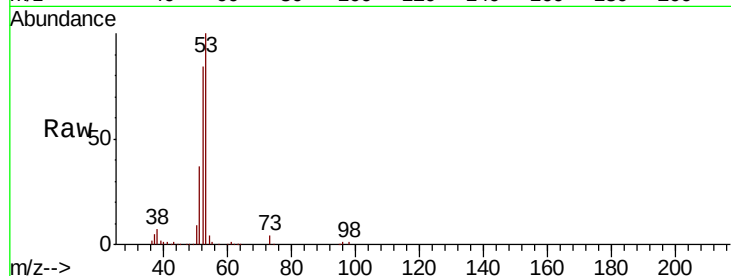
ClientSampleId :

VY1009WBS01

Tot Ion:	53	Resp:	246637
Ion Ratio	Lower	Upper	
53	100		
52	83.6	65.4	98.2
51	35.6	27.2	40.8

Manual Integrations
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#16

Acetone

Concen: 82.326 ug/l

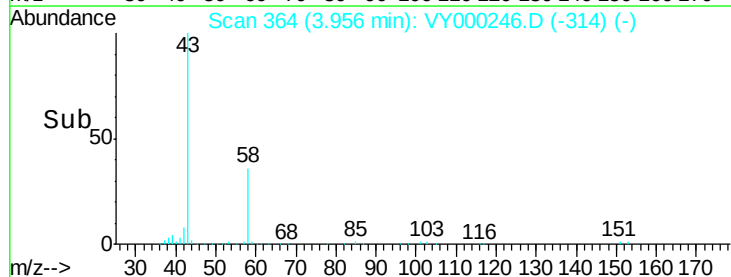
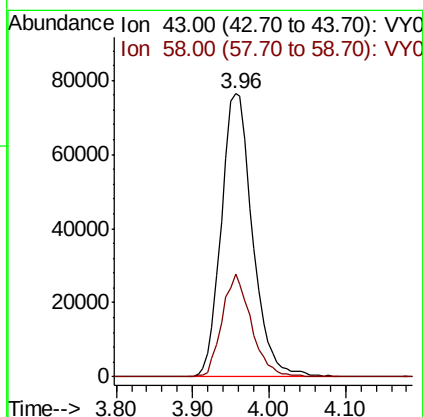
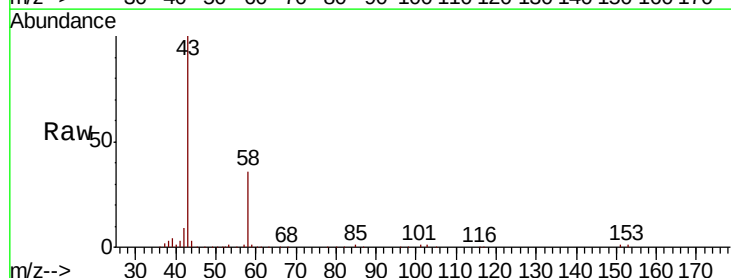
RT: 3.96 min Scan# 364

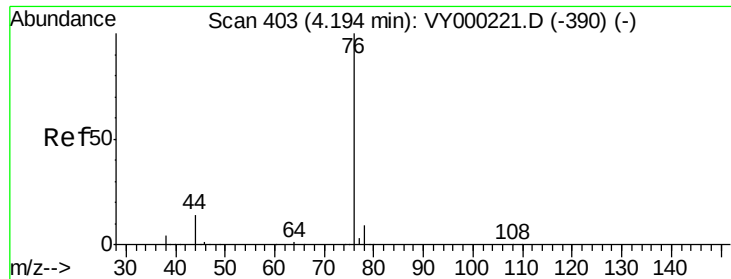
Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Tgt Ion:	43	Resp:	216438
Ion Ratio	Lower	Upper	
43	100		
58	36.4	28.2	42.4





#17

Carbon Disulfide

Concen: 14.965 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion: 76 Resp: 125159

Ion Ratio Lower Upper

76 100

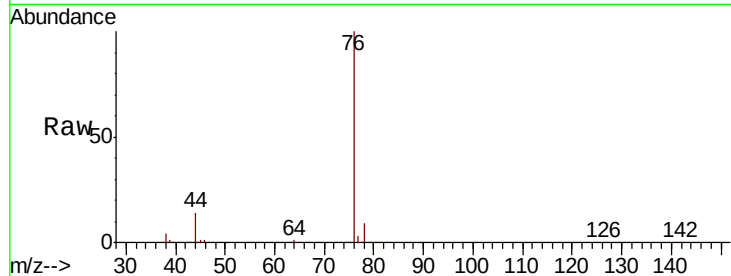
78 9.3 7.0 10.6

Manual Integrations

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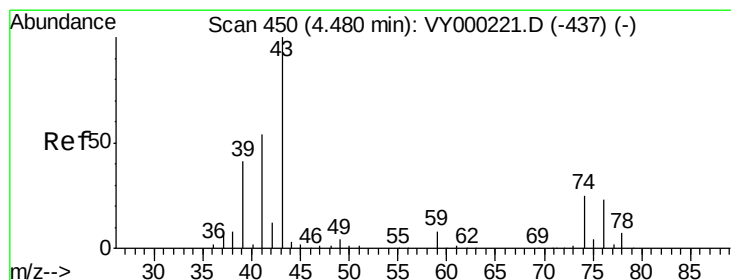
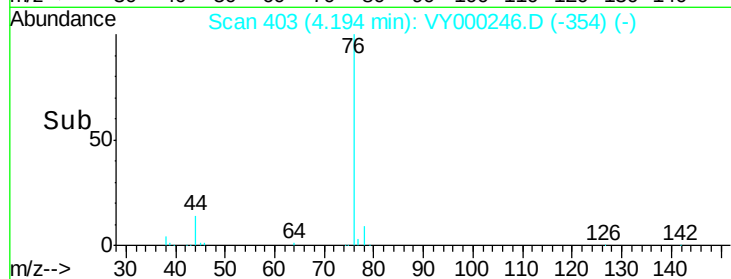
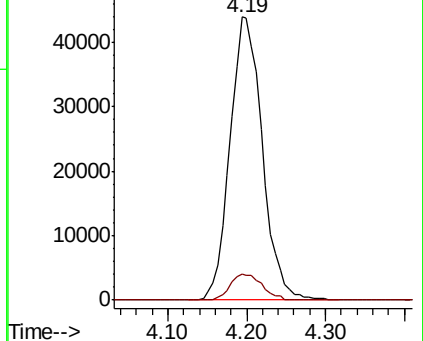
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 16.177 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000246.D

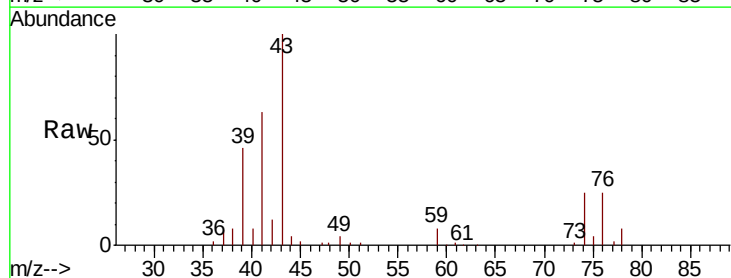
Acq: 09 Oct 2019 16:13

Tgt Ion: 43 Resp: 116554

Ion Ratio Lower Upper

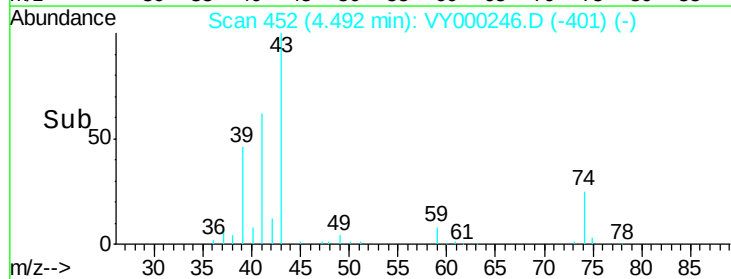
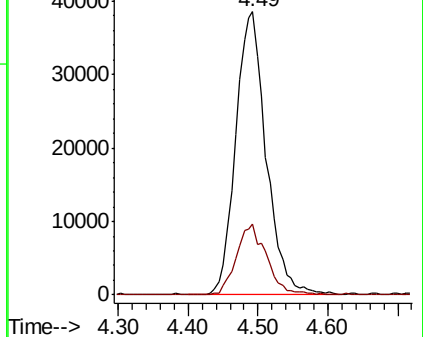
43 100

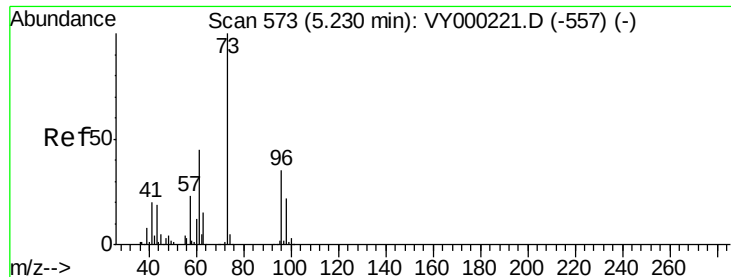
74 24.8 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





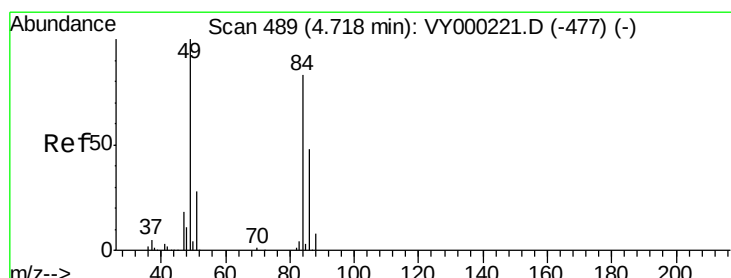
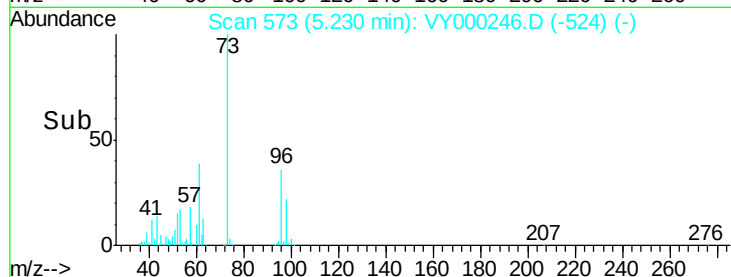
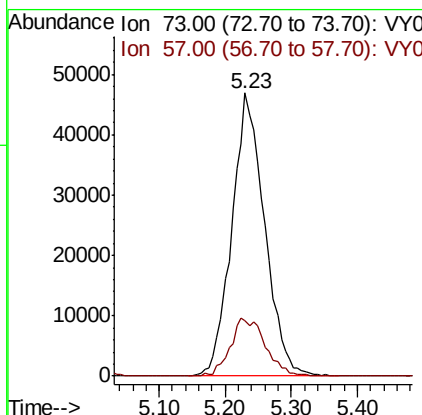
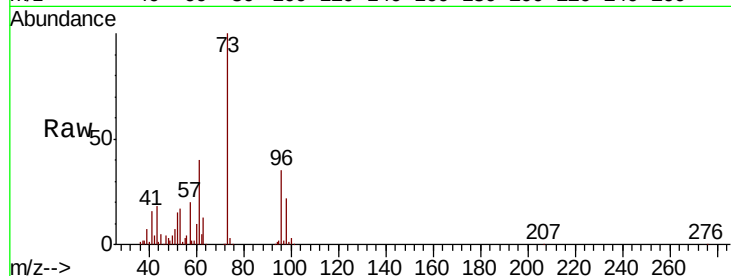
#19
Methyl tert-butyl Ether
Concen: 15.514 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.6	18.4	27.6

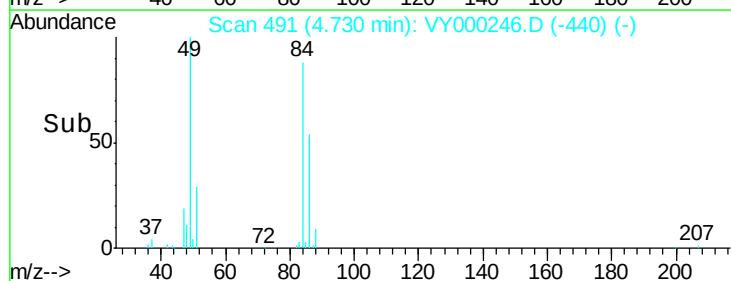
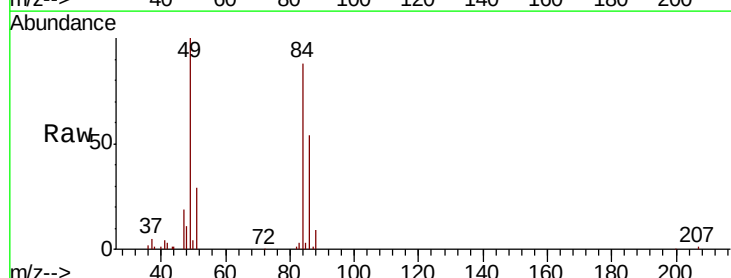
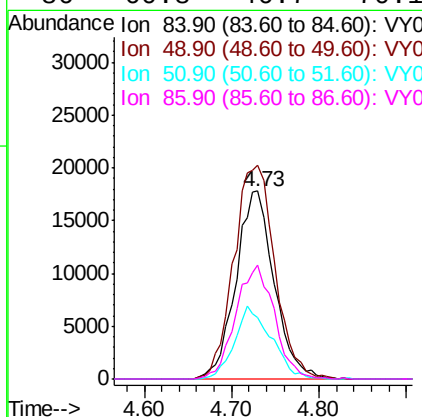
Manual Integrations
APPROVED

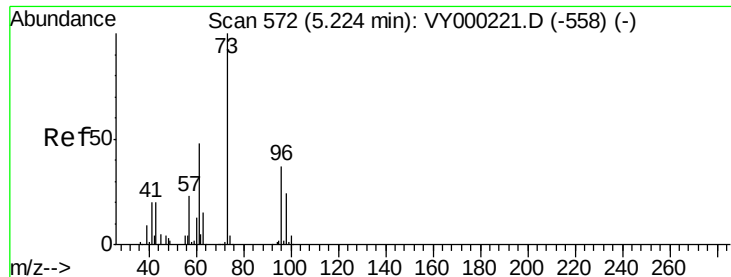
MMDadoda
10/11/2019 8:41:02 AM



#20
Methylene Chloride
Concen: 15.661 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.6	96.2	144.2
51	32.7	26.6	39.8
86	60.8	46.7	70.1





#21

trans-1,2-Dichloroethene

Concen: 15.582 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

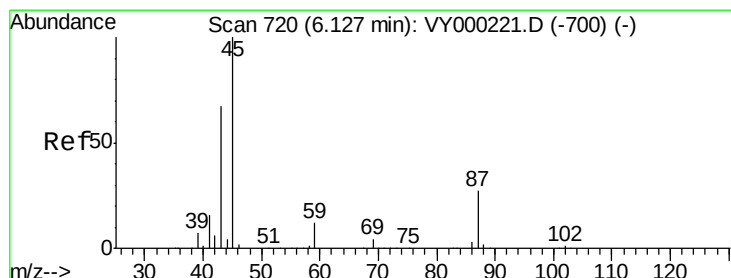
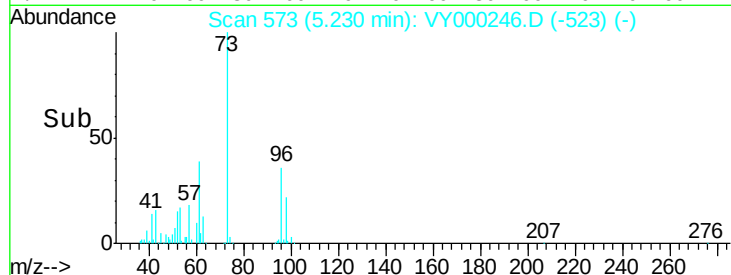
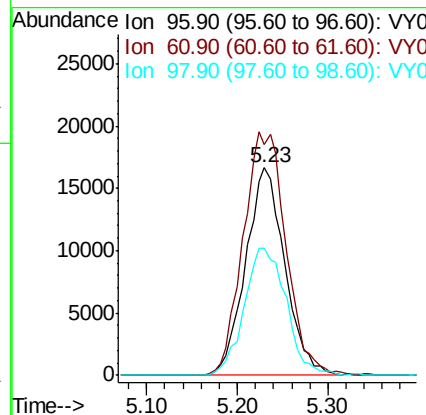
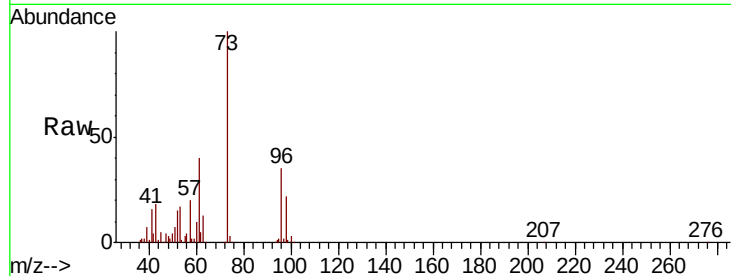
ClientSampleId :

VY1009WBS01

Tot Ion:	96	Resp:	49740
Ion	Ratio	Lower	Upper
96	100		
61	111.4	104.2	156.2
98	61.1	51.0	76.6

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#22

Diisopropyl ether

Concen: 15.167 ug/l

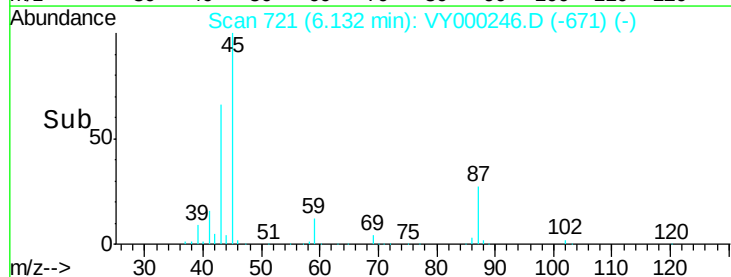
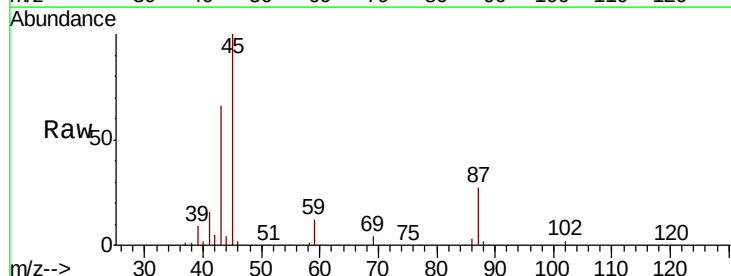
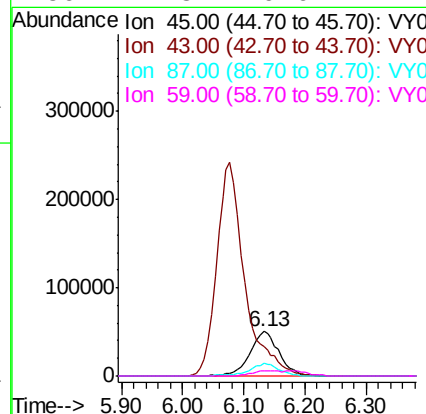
RT: 6.13 min Scan# 721

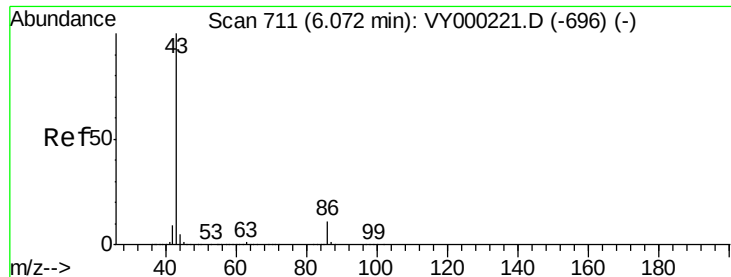
Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Tgt Ion:	45	Resp:	168022
Ion	Ratio	Lower	Upper
45	100		
43	65.0	53.4	80.2
87	27.3	21.7	32.5
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 72.461 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion: 43 Resp: 775748

Ion Ratio Lower Upper

43 100

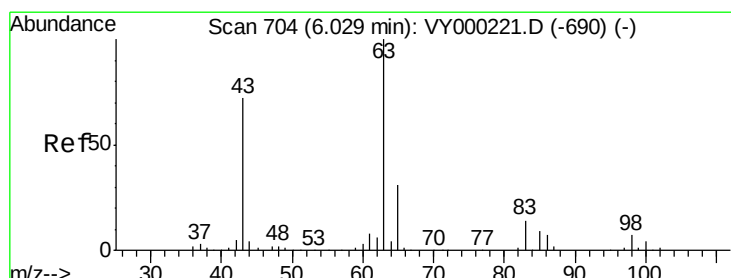
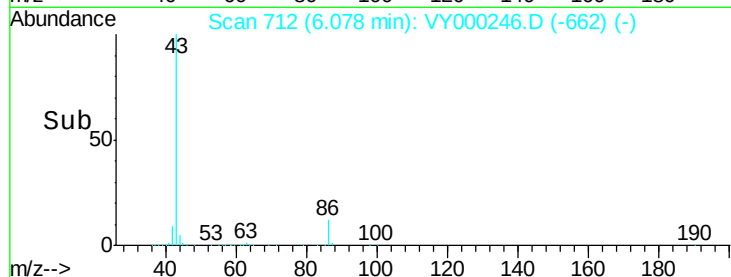
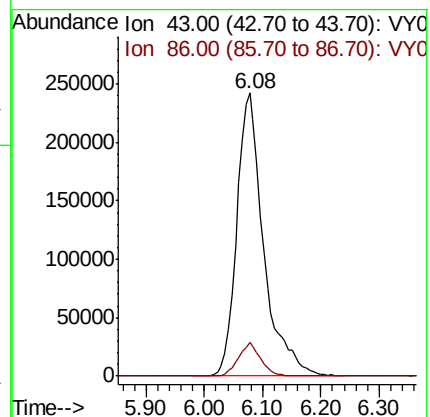
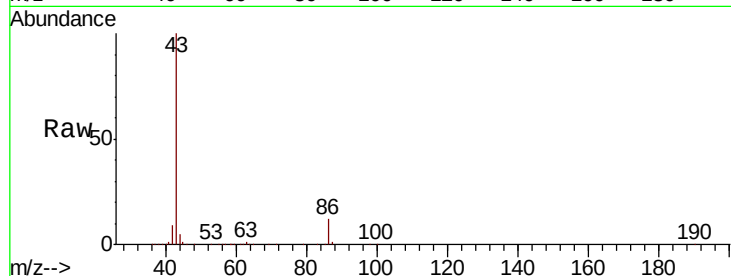
86 11.8 8.5 12.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 15.883 ug/l

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

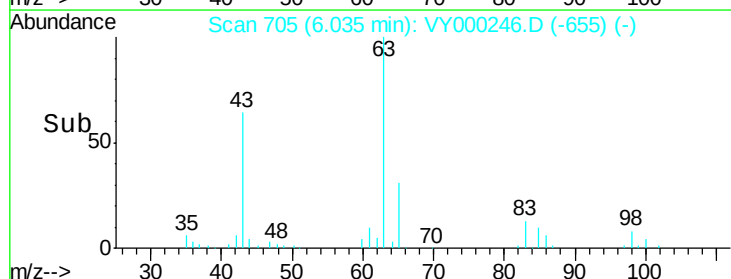
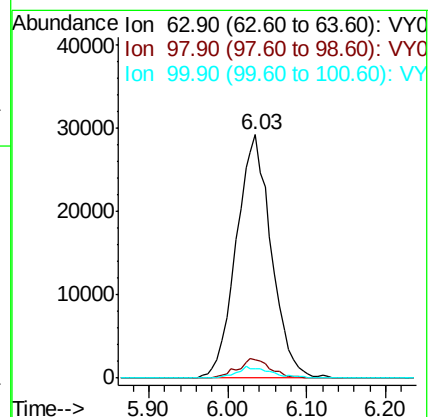
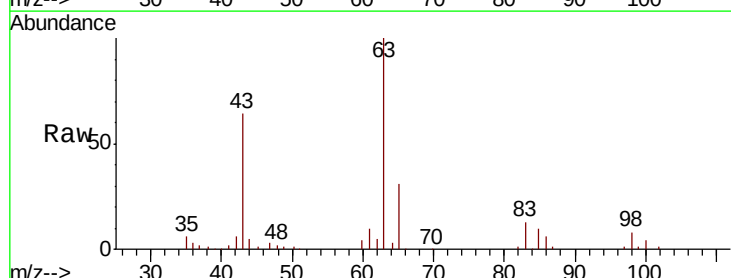
Tgt Ion: 63 Resp: 89750

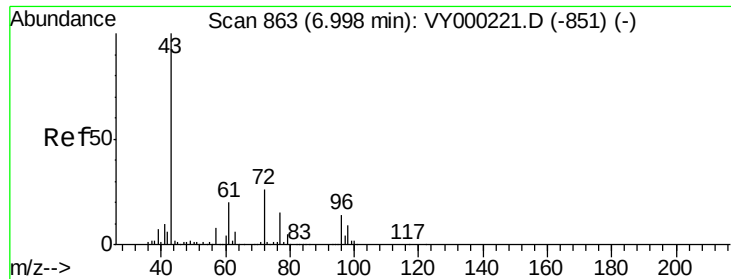
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 81.037 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion: 43 Resp: 394138

Ion Ratio Lower Upper

43 100

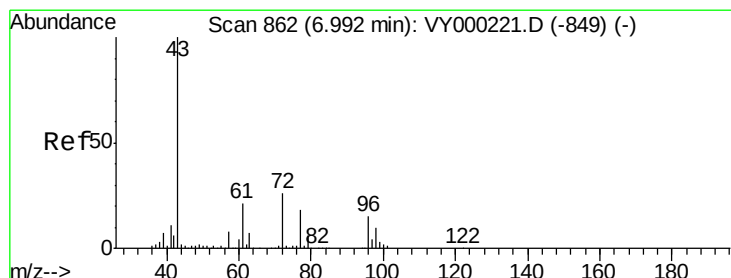
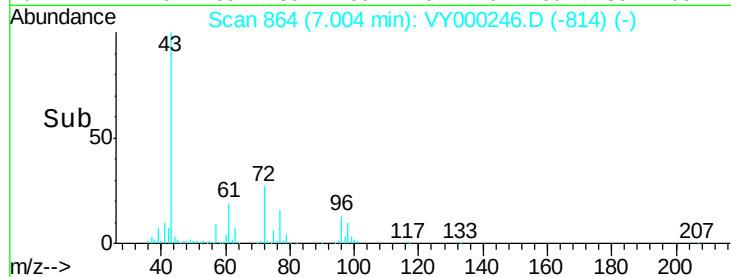
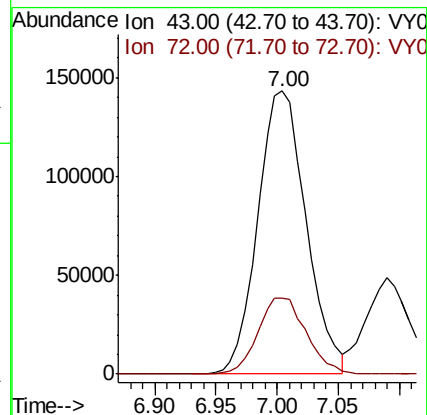
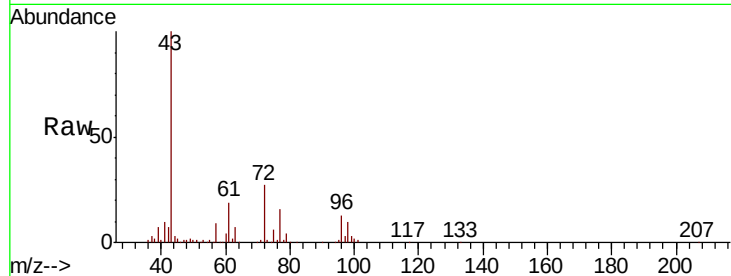
72 26.7 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.864 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000246.D

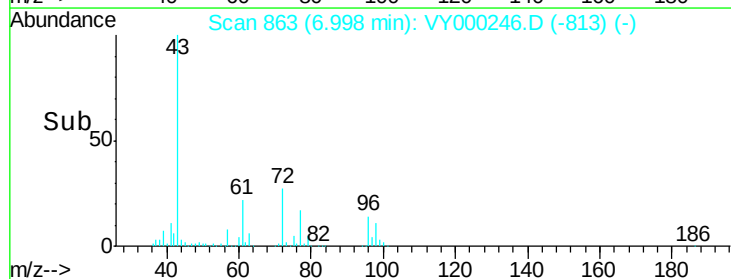
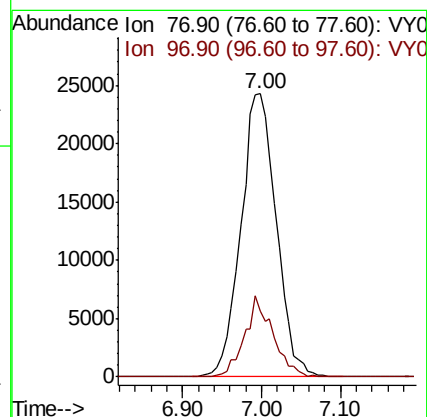
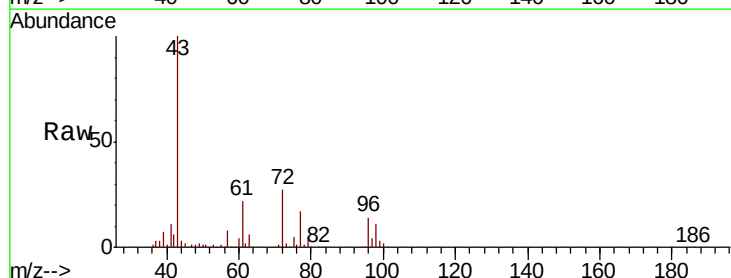
Acq: 09 Oct 2019 16:13

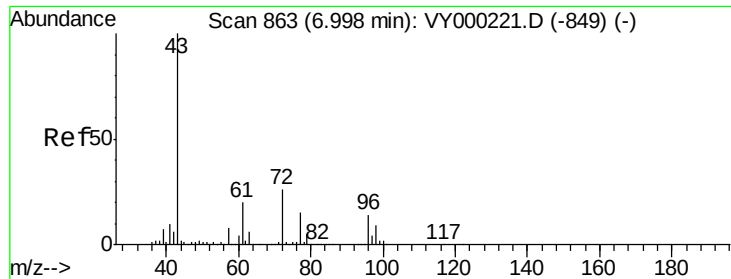
Tgt Ion: 77 Resp: 75820

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

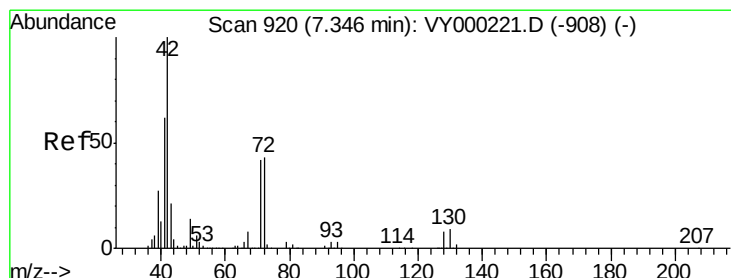
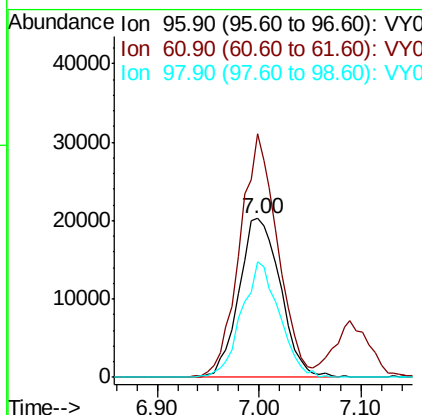
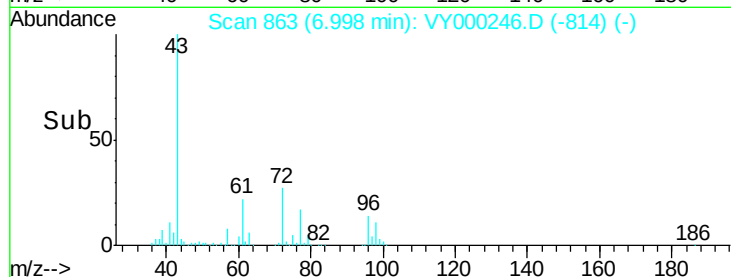
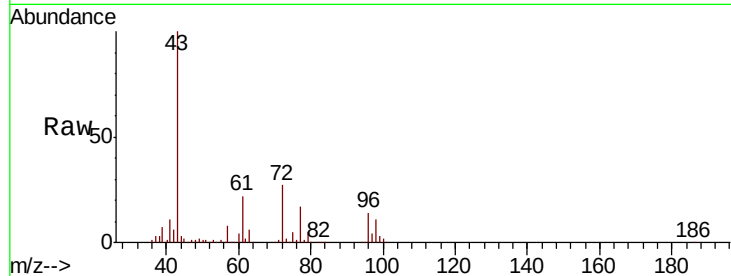
cis-1,2-Dichloroethene
Concen: 15.214 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	57205		
61	140.1		0.0	282.6
98	66.0		0.0	129.8

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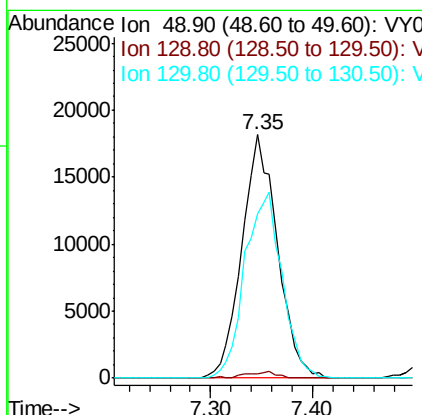
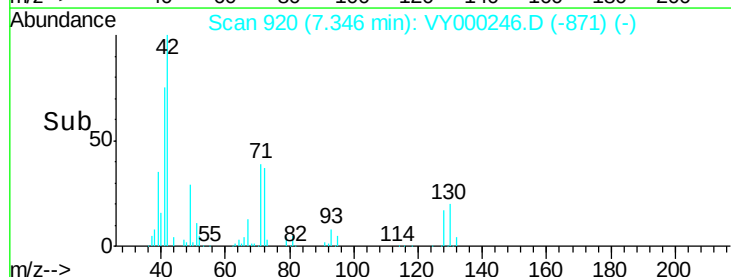
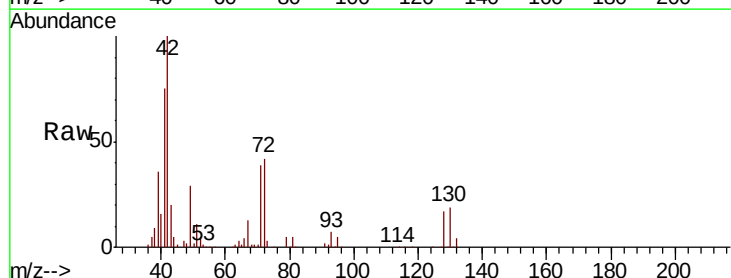
MMDadoda
10/11/2019 8:41:02 AM

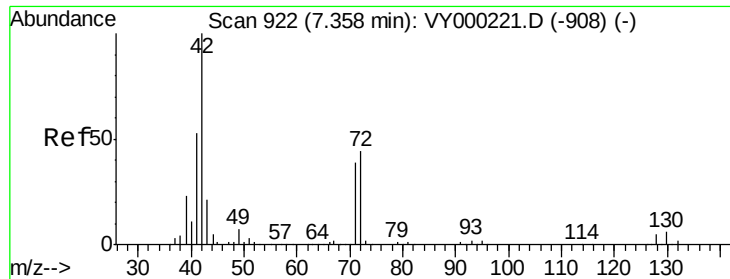


#28

Bromochloromethane
Concen: 23.674 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	44030		
129	2.1		0.0	3.2
130	79.9		56.5	84.7





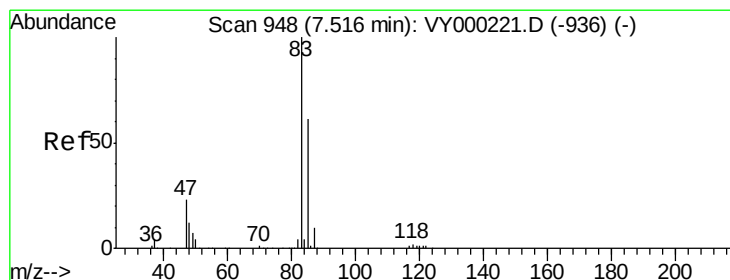
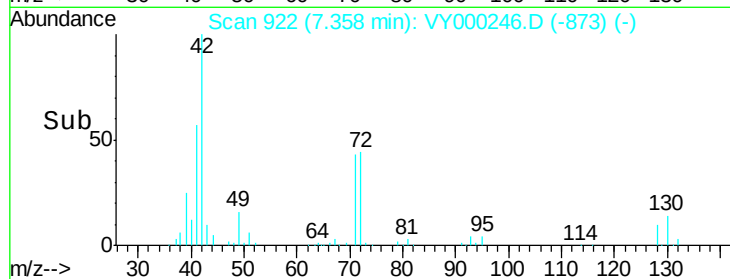
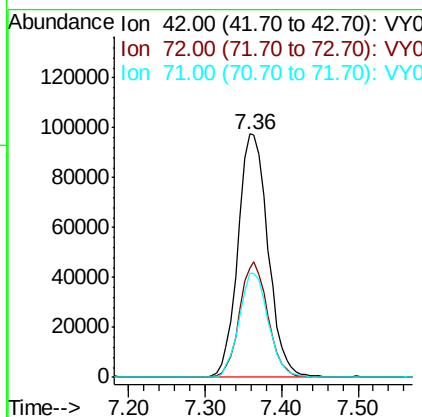
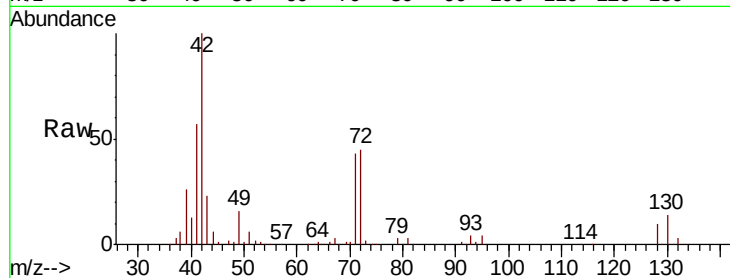
#29
Tetrahydrofuran
Concen: 77.360 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.6	51.8
71	42.0	31.9	47.9

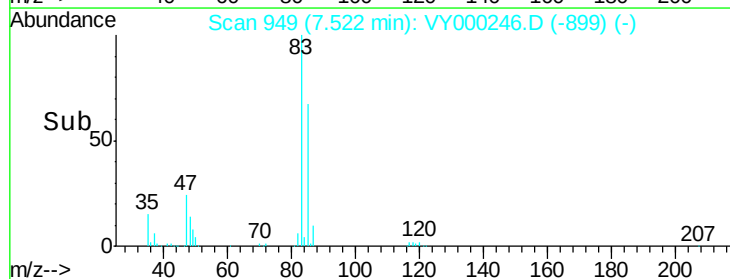
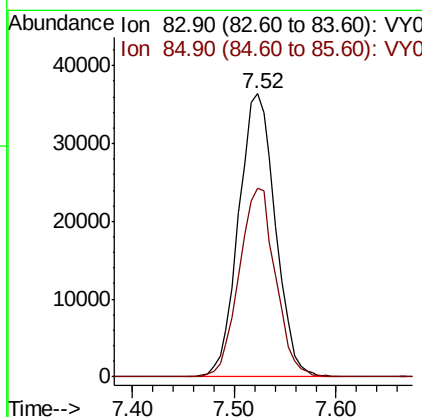
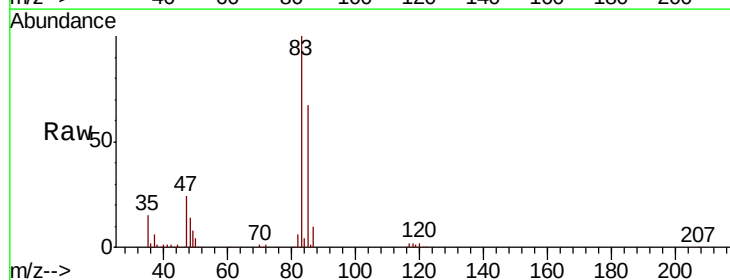
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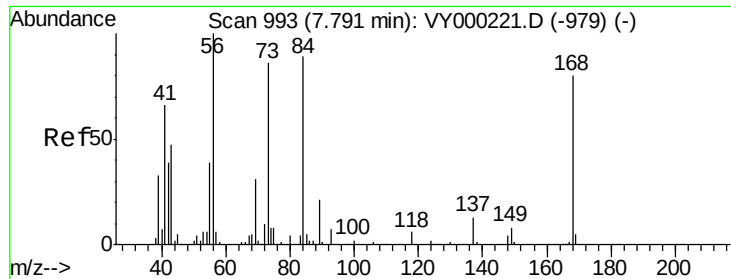
MMDadoda
10/11/2019 8:41:02 AM



#30
Chloroform
Concen: 15.529 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	48.9	73.3





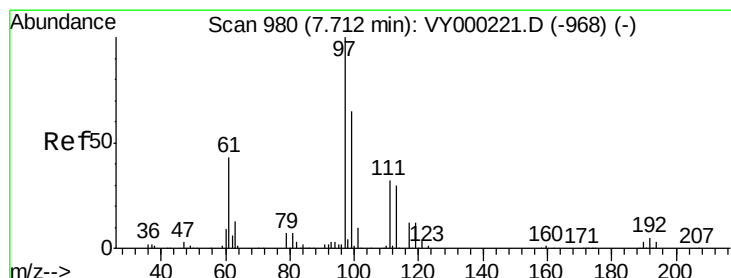
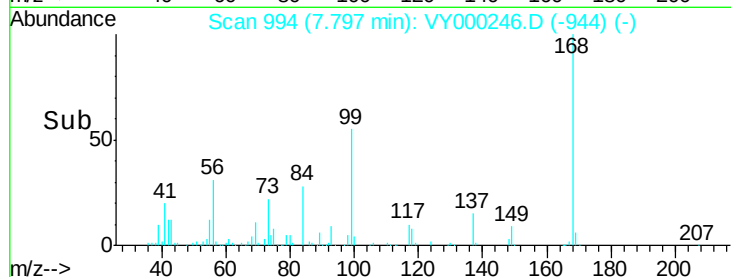
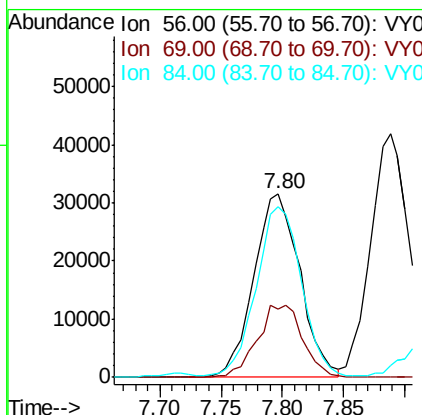
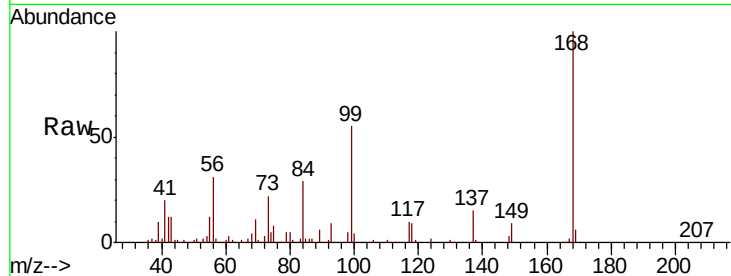
#31
Cyclohexane
Concen: 14.490 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion: 56 Resp: 82700
Ion Ratio Lower Upper
56 100
69 37.1 24.7 37.1#
84 90.8 71.3 106.9

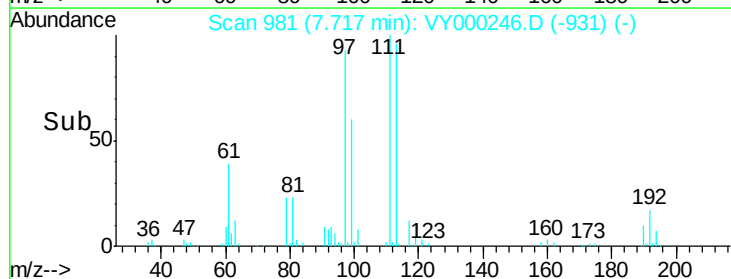
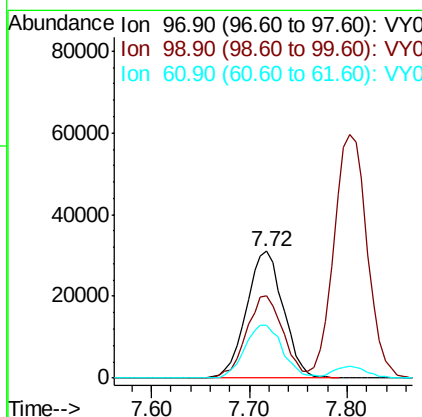
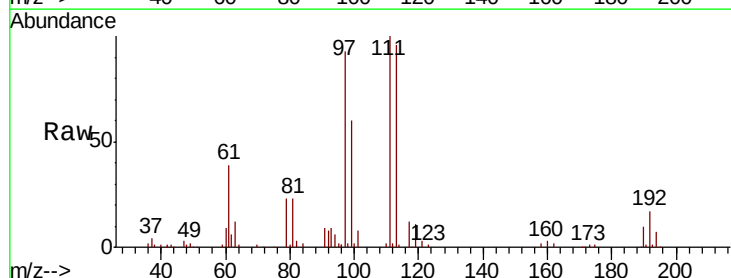
Manual Integrations
APPROVED

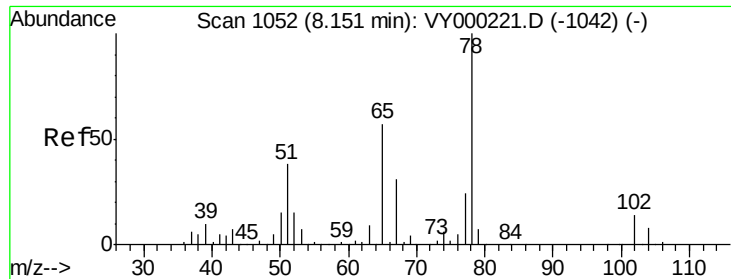
MMDadoda
10/11/2019 8:41:02 AM



#32
1,1,1-Trichloroethane
Concen: 16.258 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 97 Resp: 81054
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 43.1 34.2 51.4





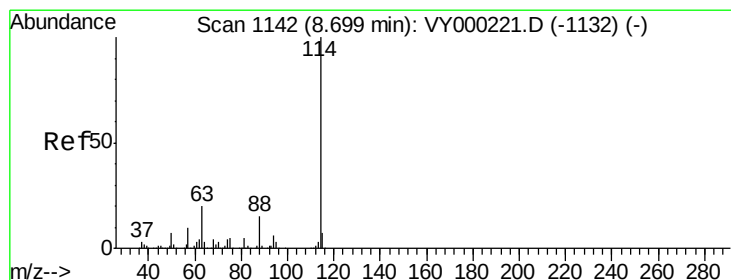
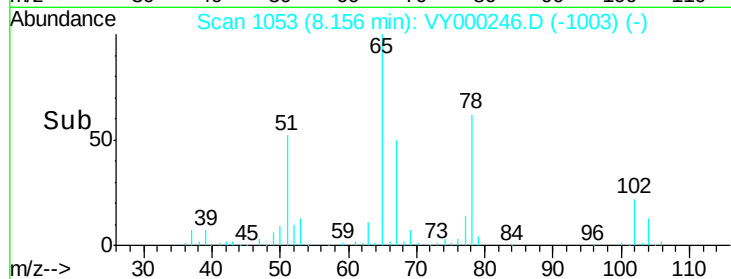
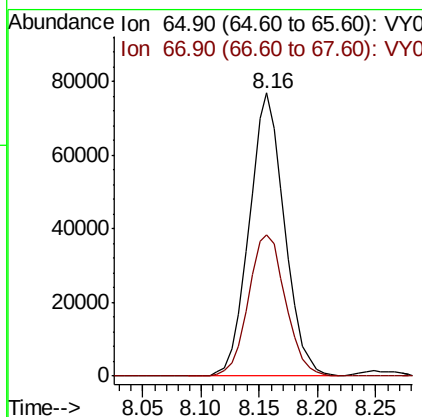
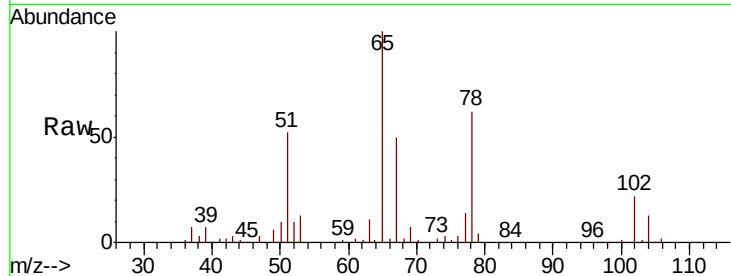
#33
 1,2-Dichloroethane-d4
 Concen: 48.914 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162370		
67	52.5	0.0	109.0	

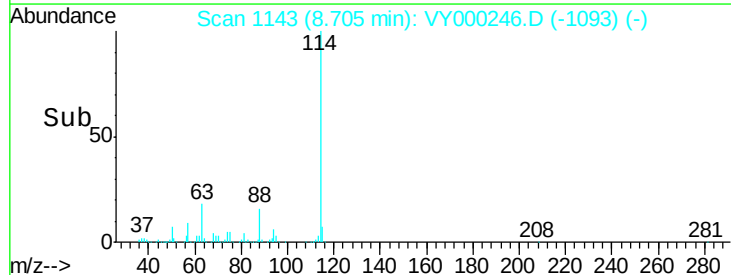
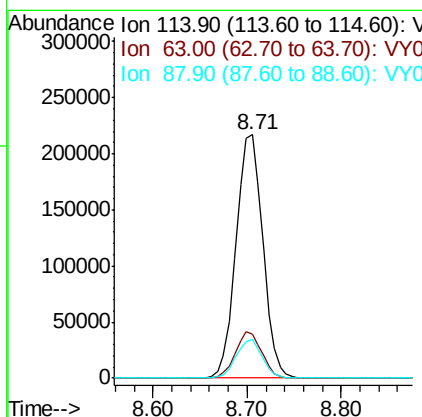
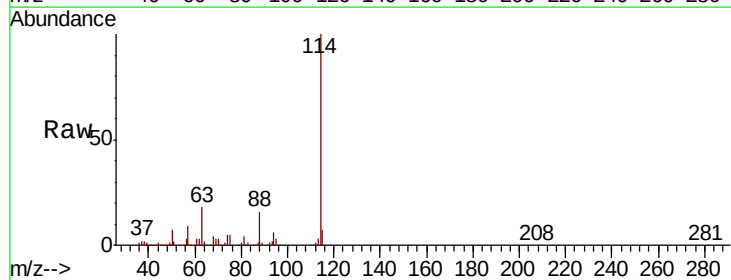
Manual Integrations
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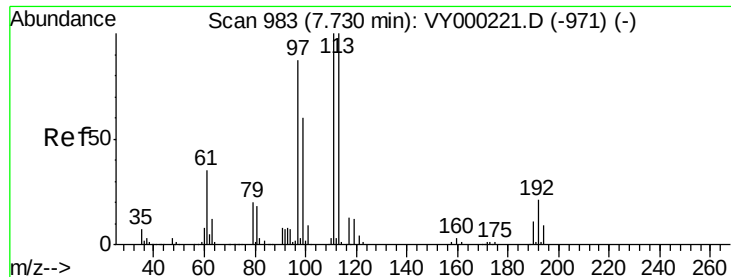
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	429953		
63	18.0	0.0	39.0	
88	15.9	0.0	30.6	





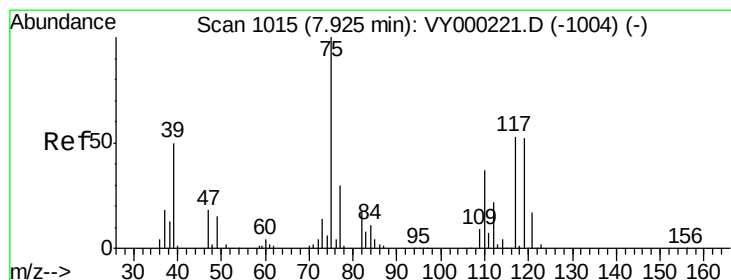
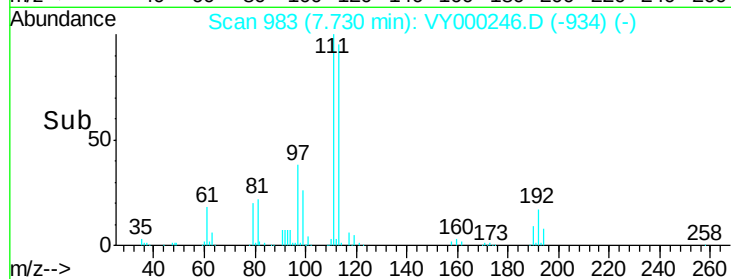
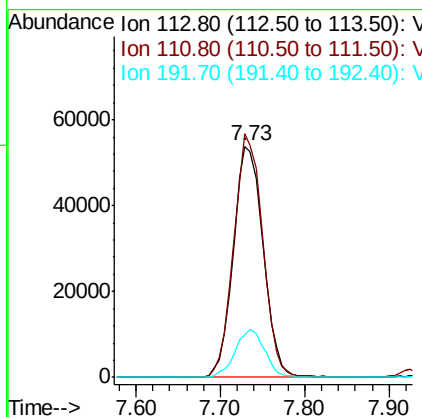
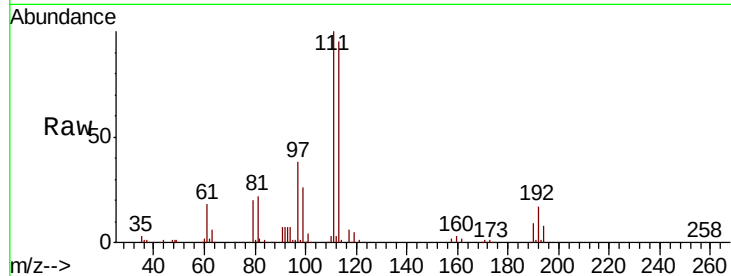
#35
Dibromofluoromethane
Concen: 47.970 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	82.6	124.0	
192	20.3	15.8	23.8	

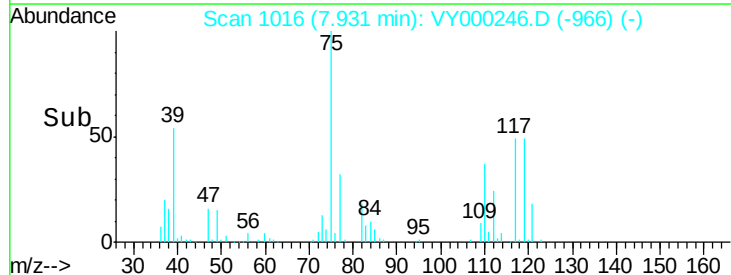
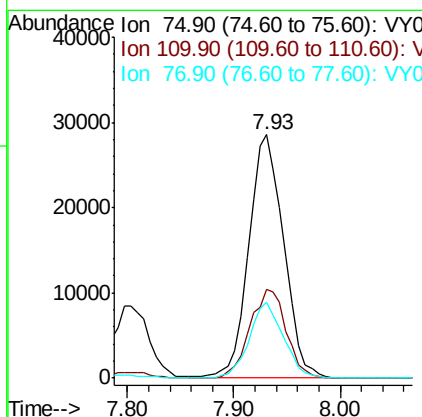
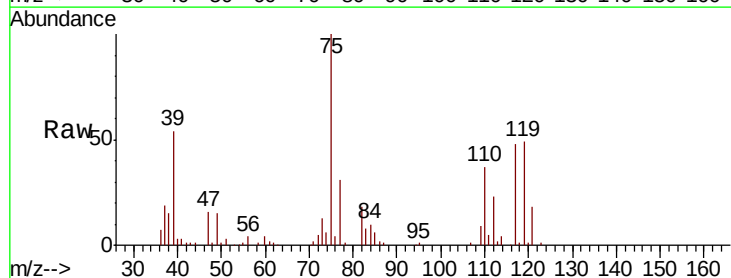
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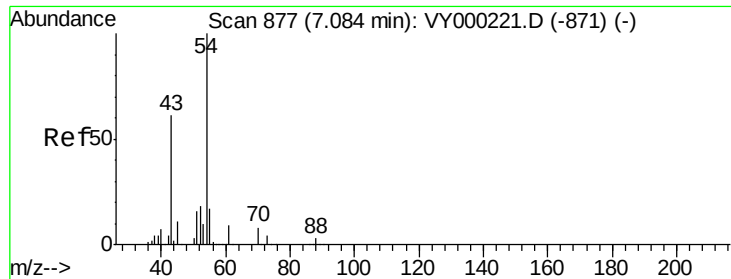
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#36
1,1-Dichloropropene
Concen: 14.920 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.0	18.4	55.2	
77	30.8	24.7	37.1	





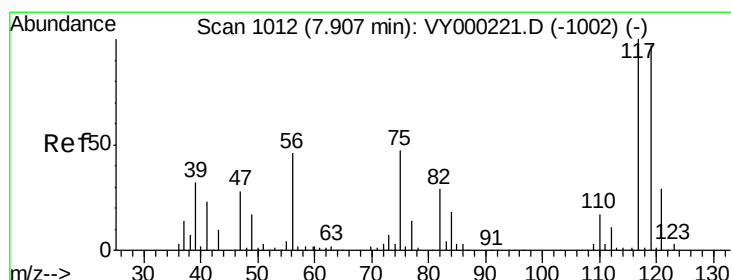
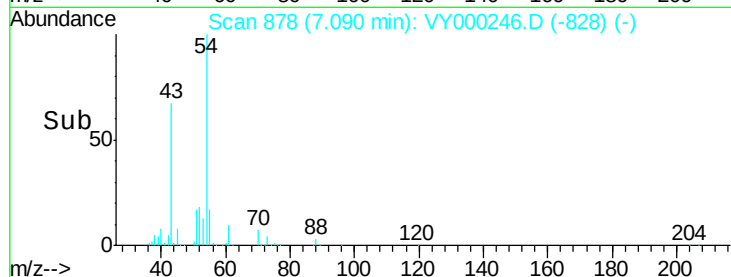
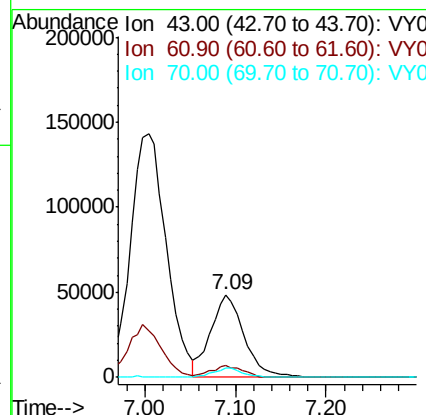
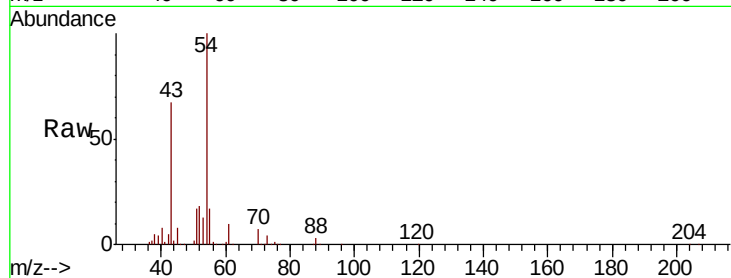
#37
Ethyl Acetate
Concen: 15.833 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.1	16.7
70	10.1	8.5	12.7

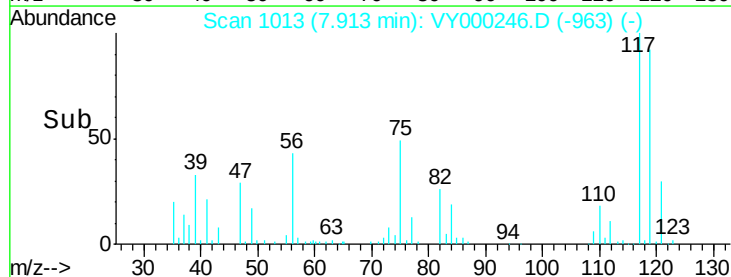
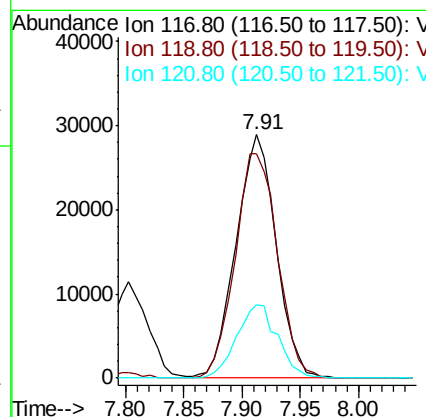
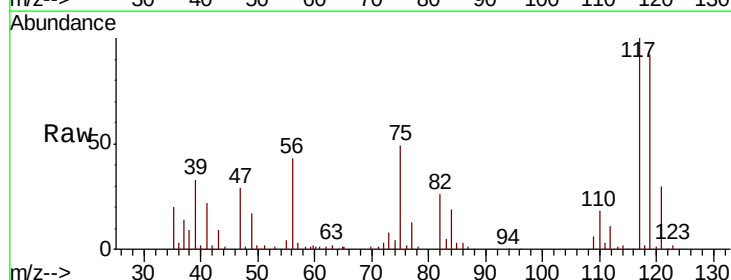
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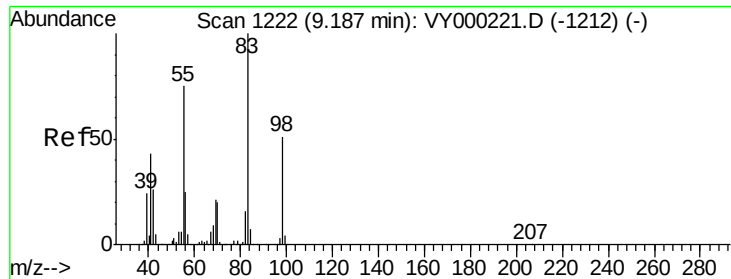
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#38
Carbon Tetrachloride
Concen: 16.307 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.2	115.8
121	30.4	23.1	34.7





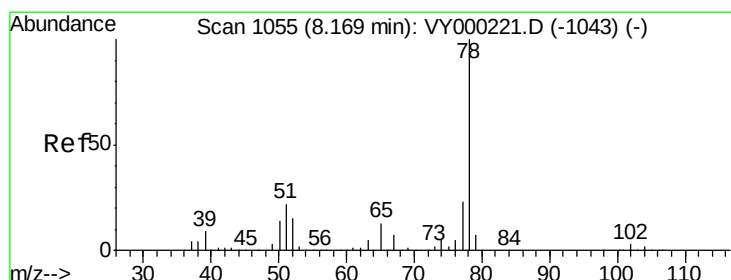
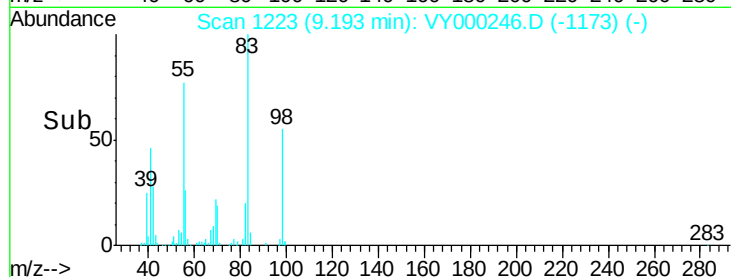
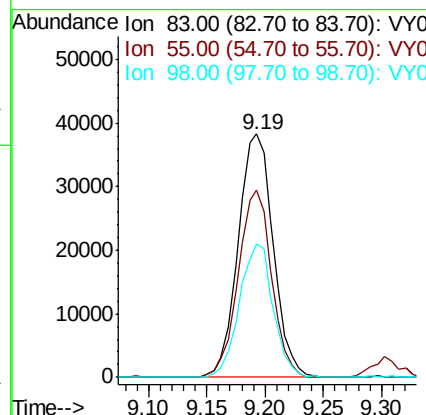
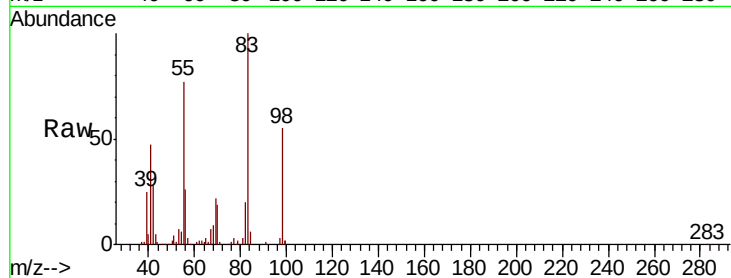
#39
Methylvlcyclohexane
Concen: 14.653 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	83.00	Resp	80420
Ion	Ratio	Lower	Upper
83	100		
55	76.7	60.2	90.4
98	55.0	40.5	60.7

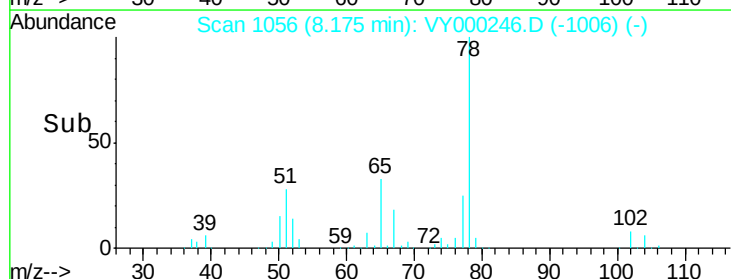
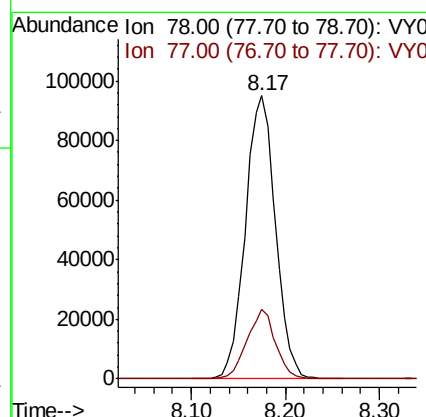
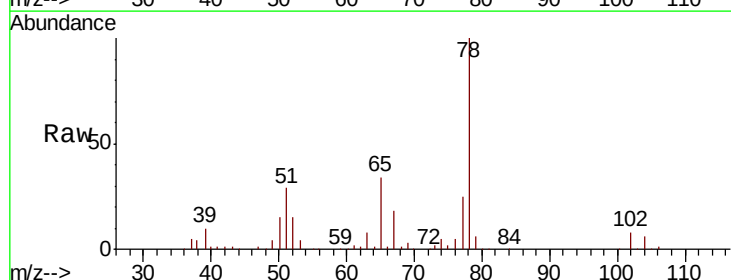
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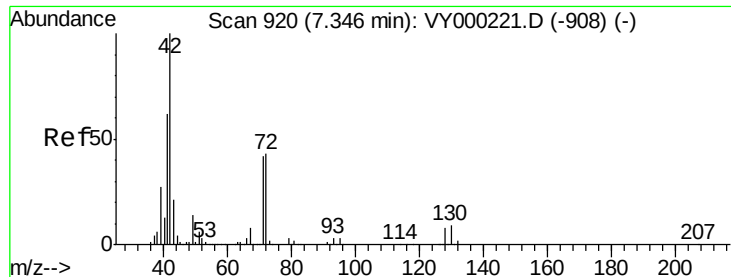
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#40
Benzene
Concen: 15.847 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	78.00	Resp	210300
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.6	28.0





#41

Methacrylonitrile

Concen: 16.811 ug/l m

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion: 41 Resp: 104648

Ion Ratio Lower Upper

41 100

39 93.2 74.7 112.1

67 0.0 0.0 0.0

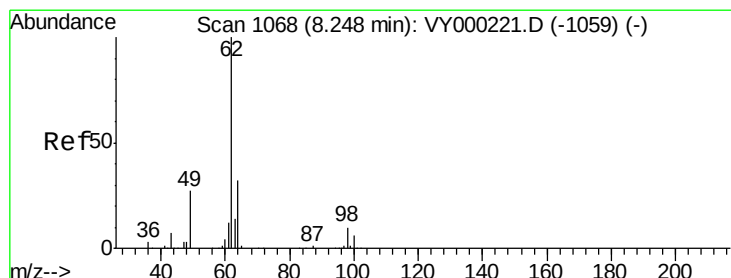
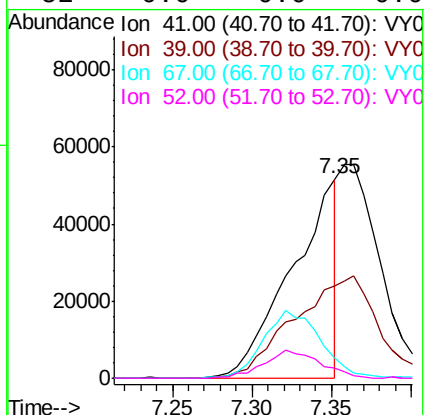
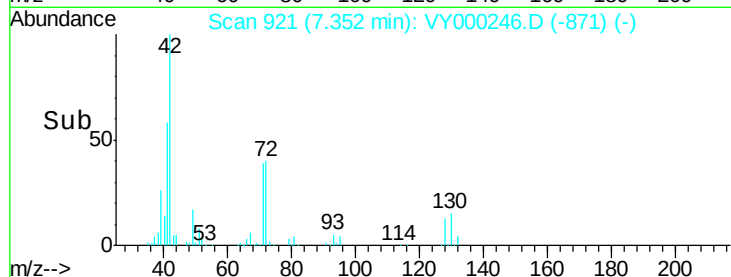
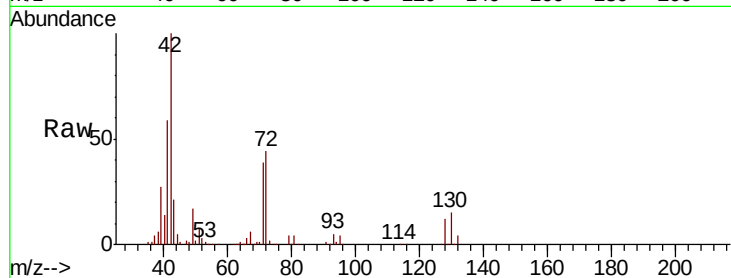
52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 17.215 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000246.D

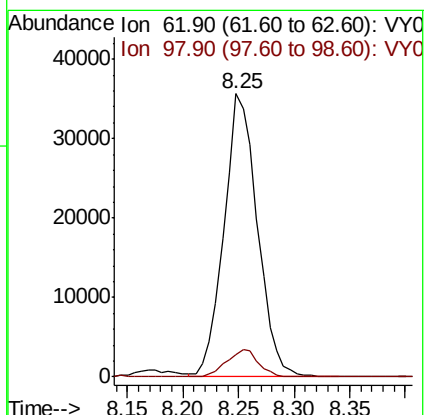
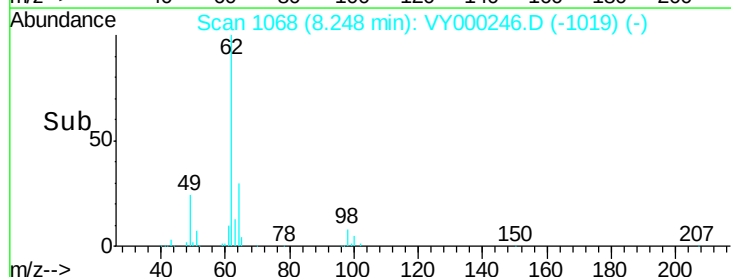
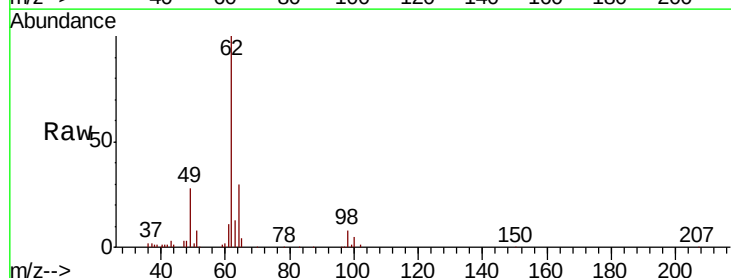
Acq: 09 Oct 2019 16:13

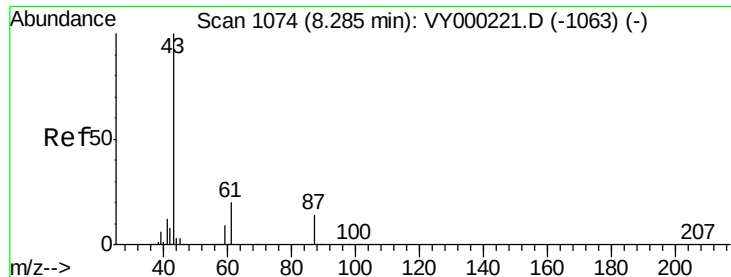
Tgt Ion: 62 Resp: 74205

Ion Ratio Lower Upper

62 100

98 9.3 0.0 20.0





#43

Isopropyl Acetate

Concen: 15.807 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

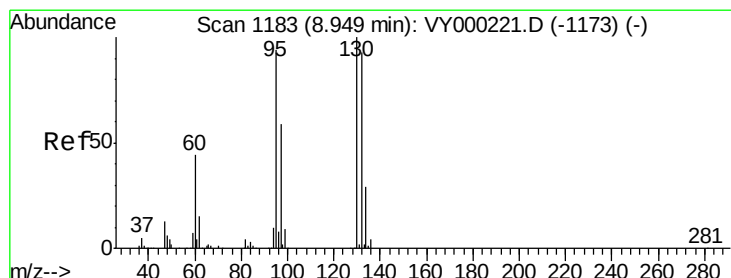
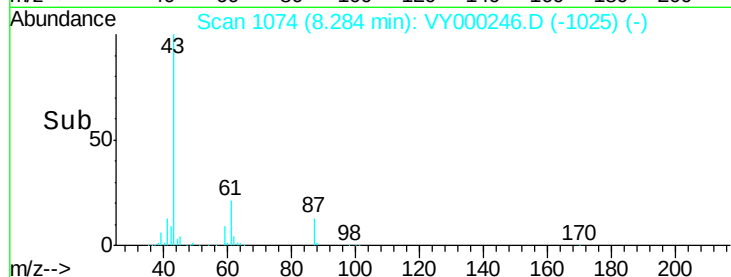
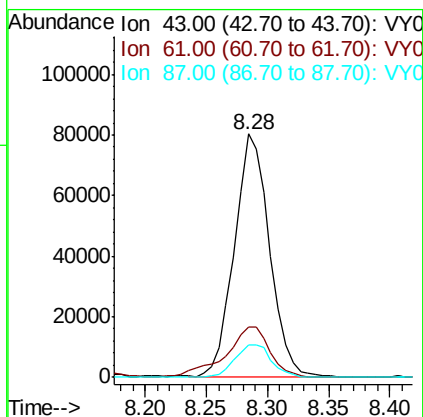
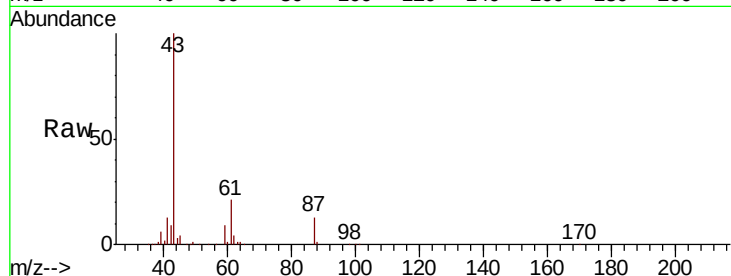
ClientSampleId :

VY1009WBS01

Tot Ion:	43	Resp:	160912
Ion	Ratio	Lower	Upper
43	100		
61	26.3	20.1	30.1
87	14.1	10.6	15.8

Manual Integrations
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#44

Trichloroethene

Concen: 16.367 ug/l

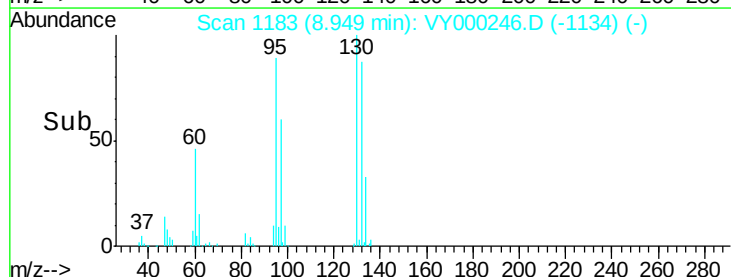
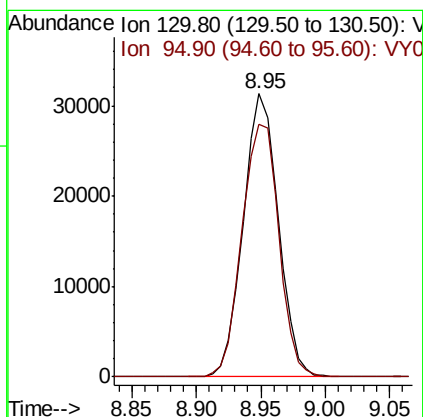
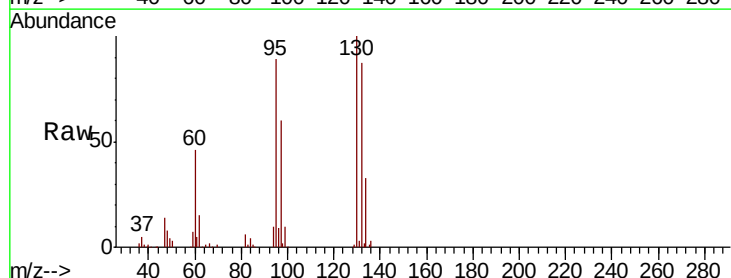
RT: 8.95 min Scan# 1183

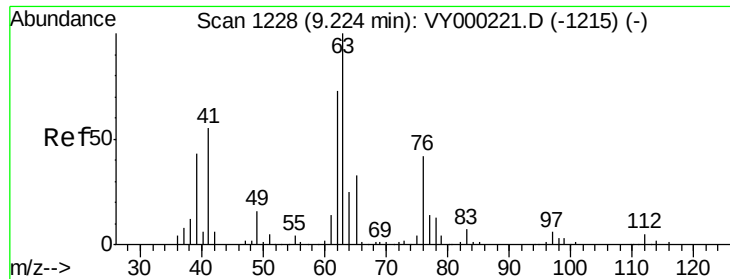
Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Tgt Ion:	130	Resp:	58899
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	189.0





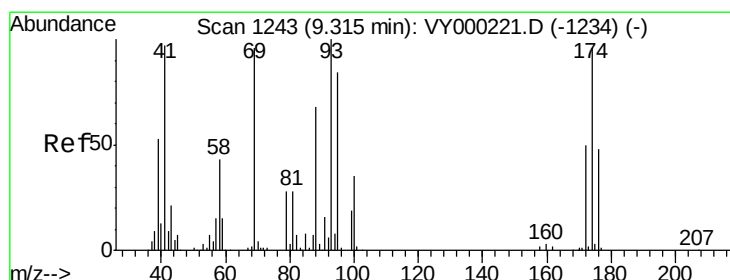
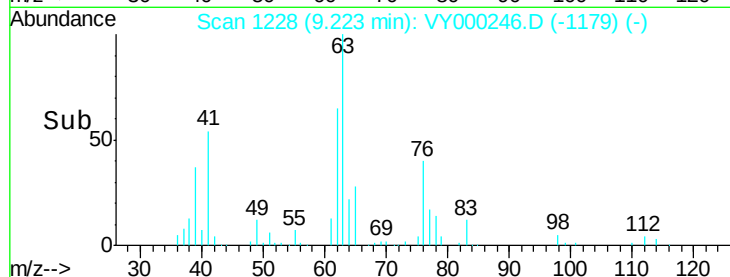
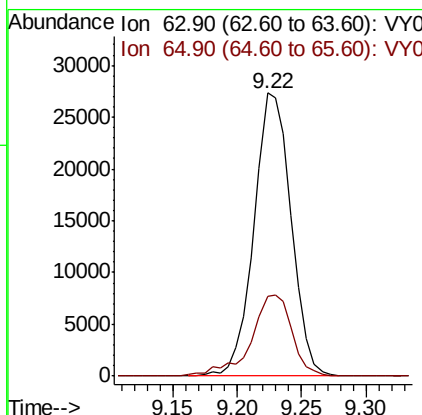
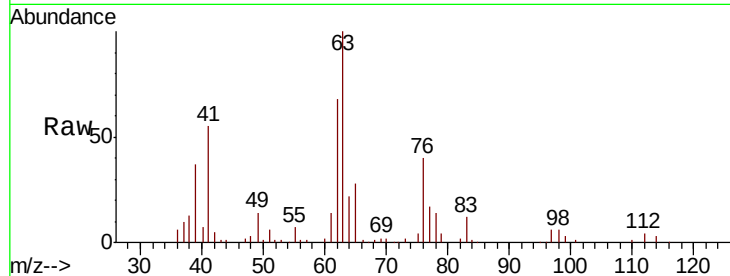
#45
 1,2-Dichloropropane
 Concen: 16.355 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tot Ion: 63 Resp: 54363
 Ion Ratio Lower Upper
 63 100
 65 28.3 26.6 39.8

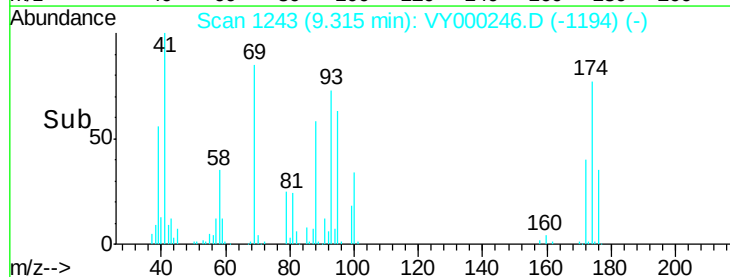
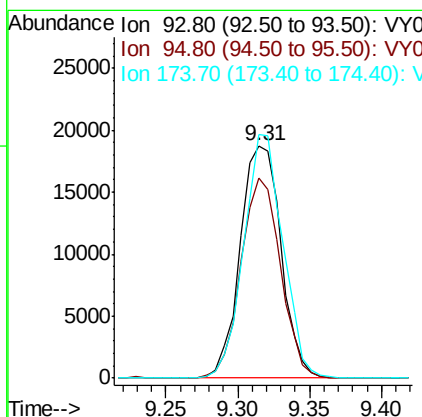
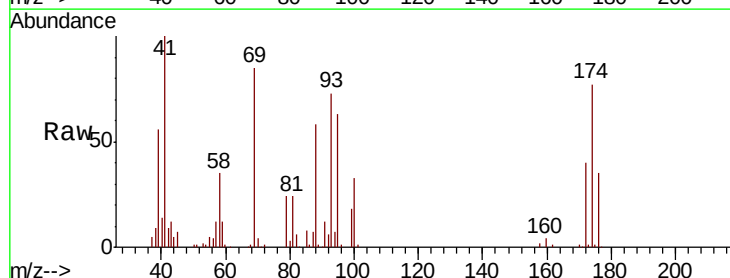
Manual Integrations
 APPROVED

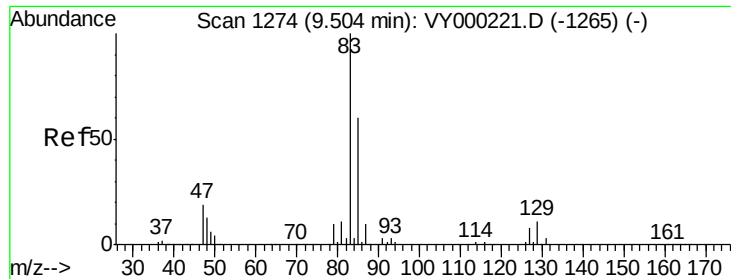
MMDadoda
 10/11/2019 8:41:02 AM



#46
 Dibromomethane
 Concen: 15.815 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion: 93 Resp: 36853
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 100.5 77.5 116.3





#47

Bromodichloromethane

Concen: 16.063 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

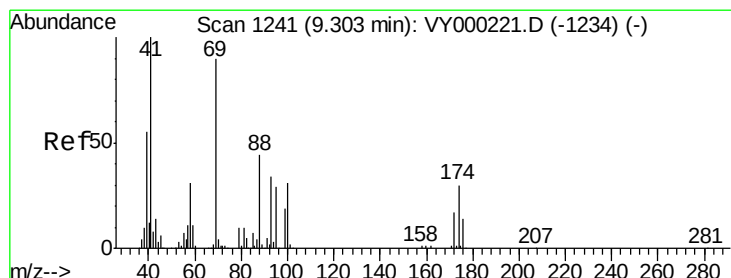
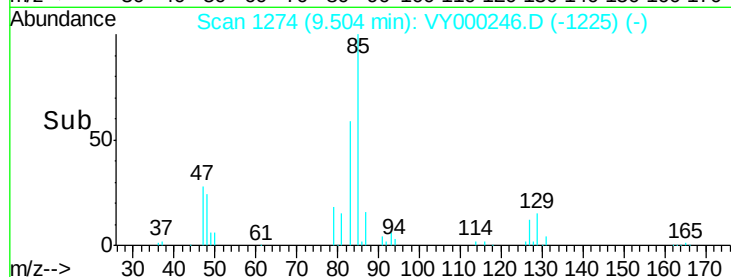
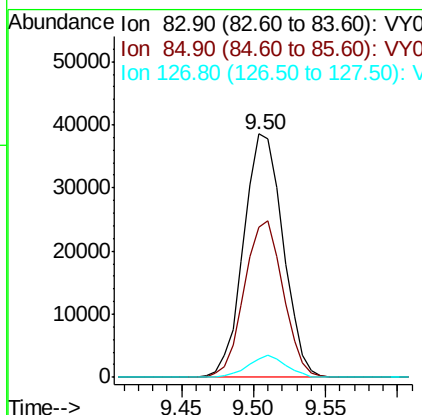
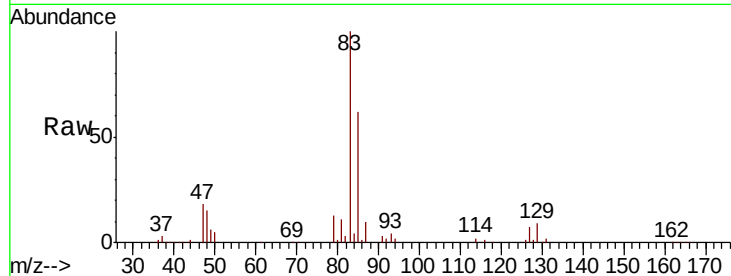
ClientSampleId :

VY1009WBS01

Tot Ion:	83	Resp:	73220
Ion	Ratio	Lower	Upper
83	100		
85	61.6	48.0	72.0
127	7.4	6.5	9.7

Manual Integrations
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10/11/2019 8:41:02 AM



#48

Methyl methacrylate

Concen: 15.538 ug/l

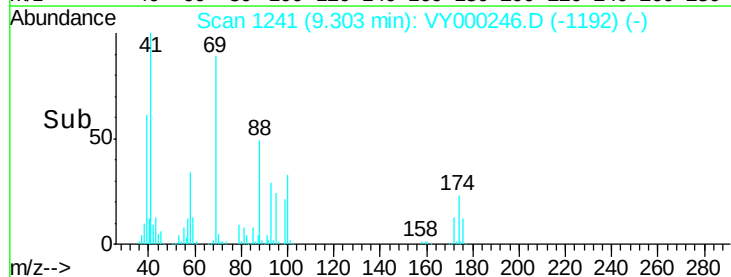
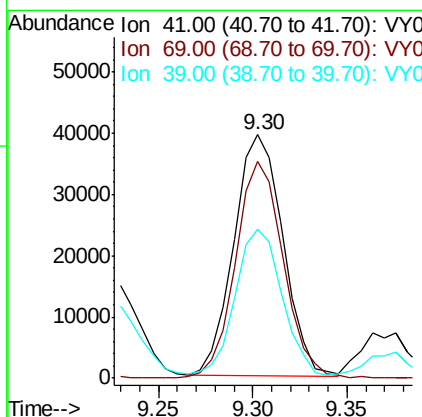
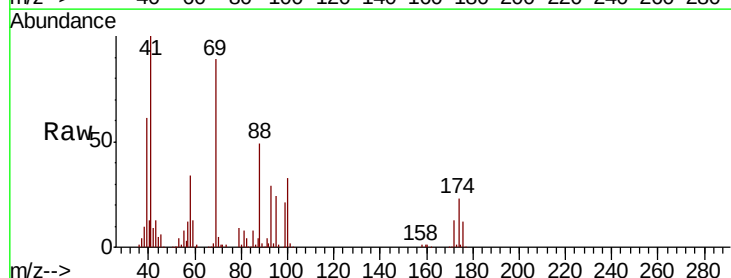
RT: 9.30 min Scan# 1241

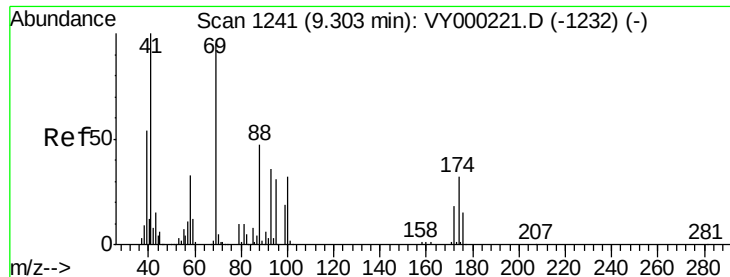
Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Tgt Ion:	41	Resp:	71395
Ion	Ratio	Lower	Upper
41	100		
69	87.4	70.3	105.5
39	60.1	45.5	68.3





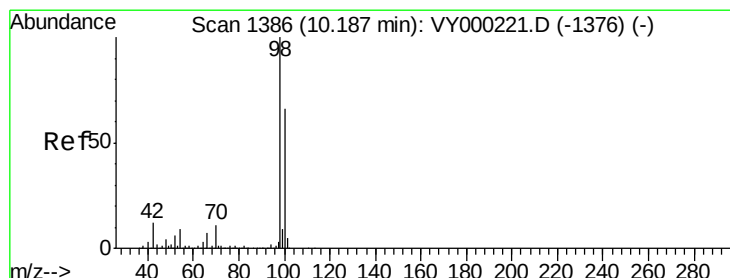
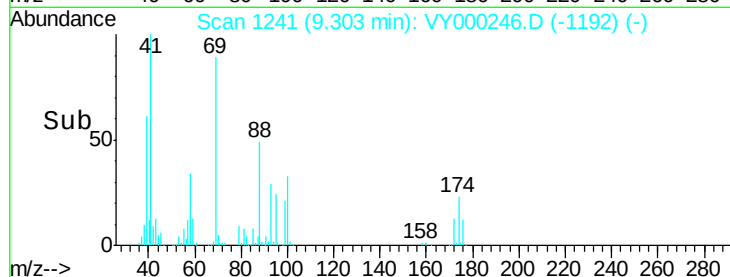
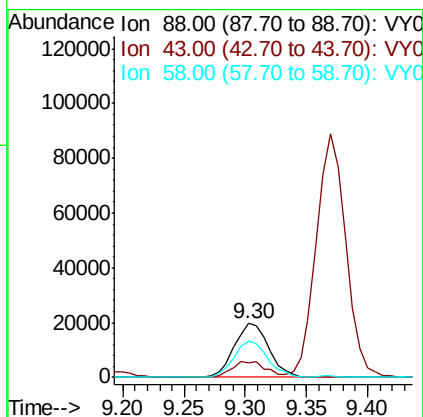
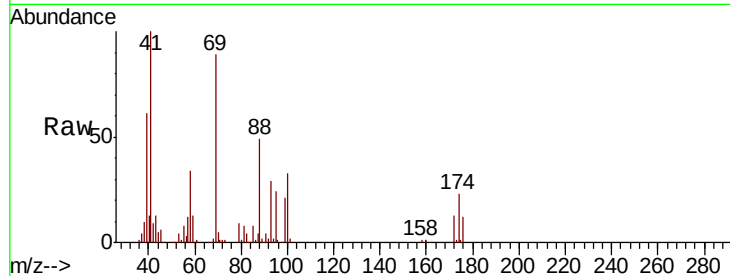
#49
1,4-Dioxane
Concen: 329.259 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	24.5	36.7
58	65.4	54.2	81.2

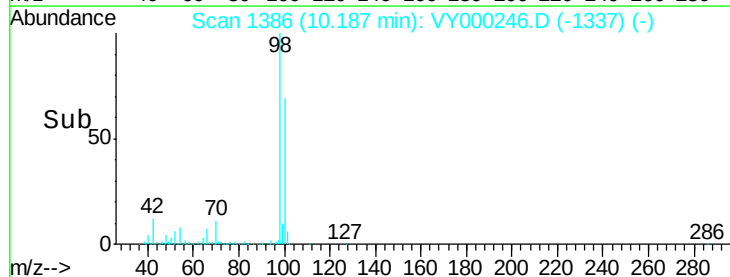
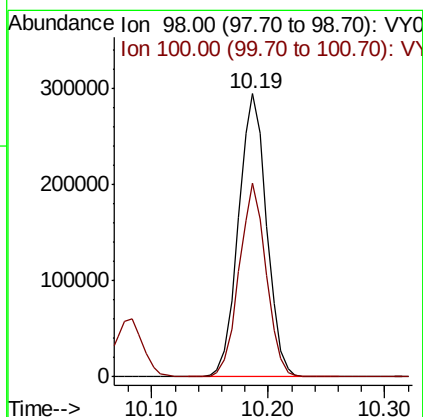
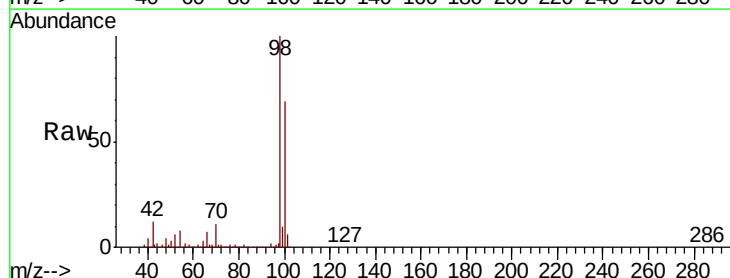
Manual Integrations
APPROVED

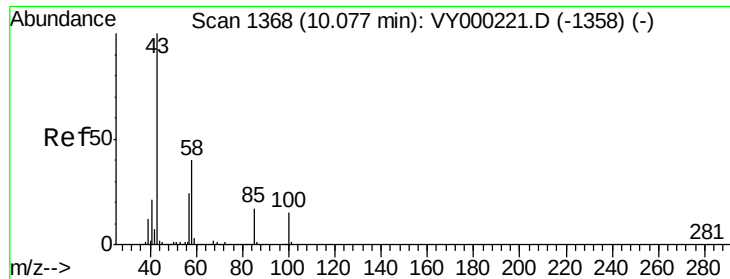
MMDadoda
10/11/2019 8:41:02 AM



#50
Toluene-d8
Concen: 47.157 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





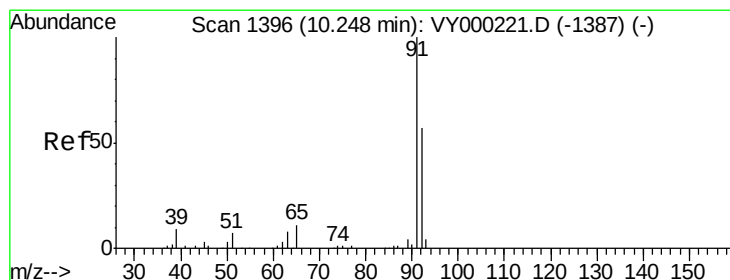
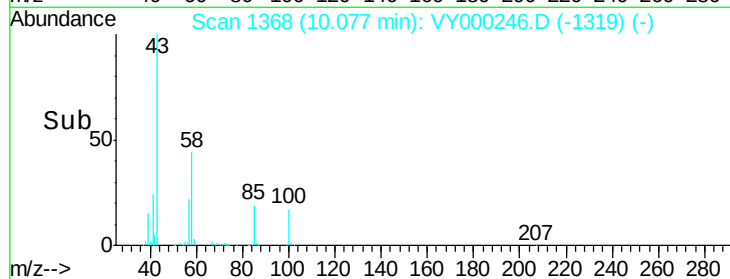
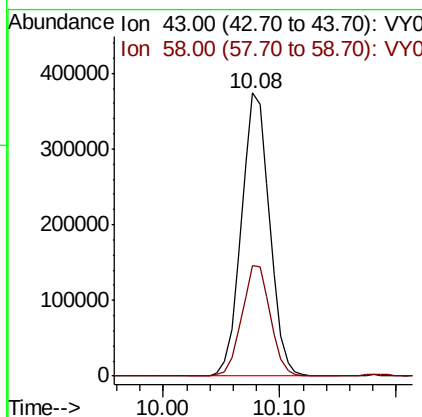
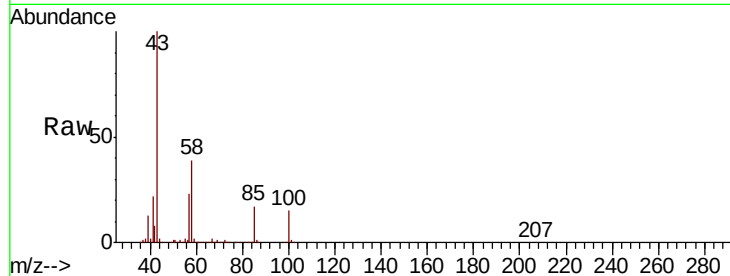
#51
4-Methyl-2-Pentanone
Concen: 82.506 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	43	Resp	631207
Ion Ratio	100	Lower	Upper
43	100		
58	39.4	31.7	47.5

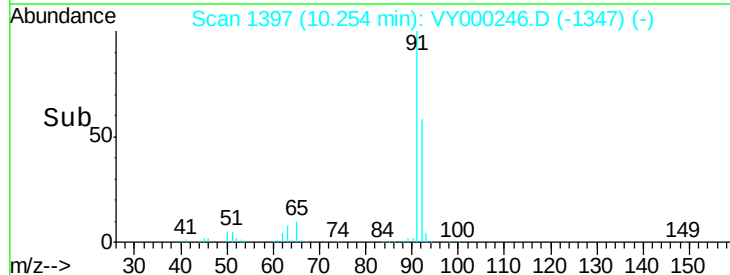
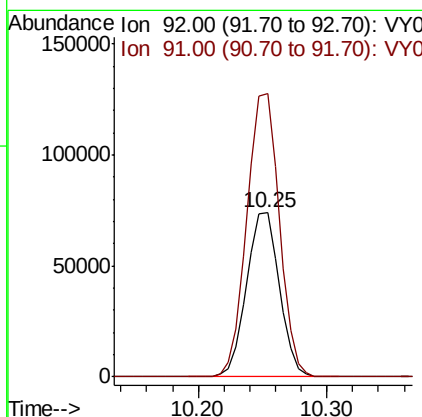
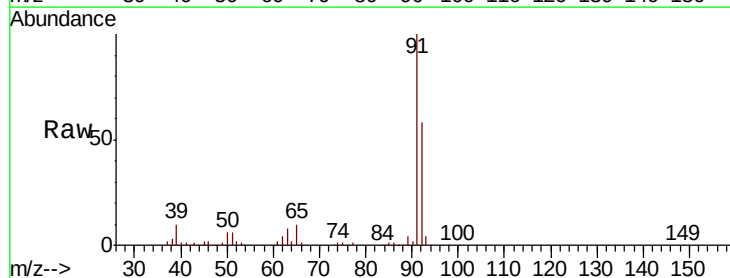
Manual Integrations
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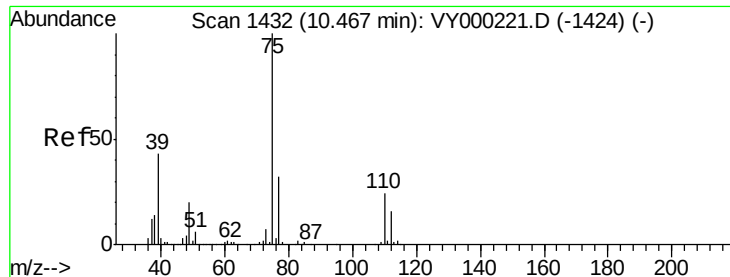
MMDadoda
10/11/2019 8:41:02 AM



#52
Toluene
Concen: 15.265 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	92	Resp	129928
Ion Ratio	100	Lower	Upper
92	100		
91	171.1	139.1	208.7





#53

t-1,3-Dichloropropene

Concen: 15.373 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion: 75 Resp: 79501

Ion Ratio Lower Upper

75 100

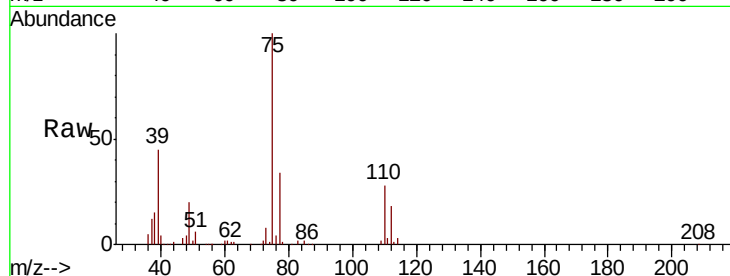
77 33.7 25.3 37.9

Manual Integrations

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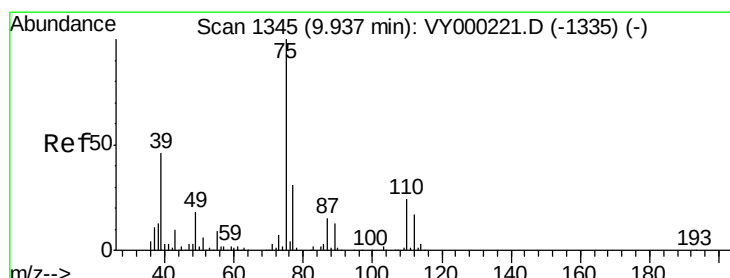
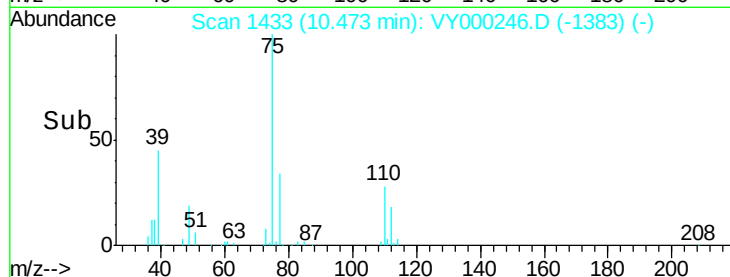
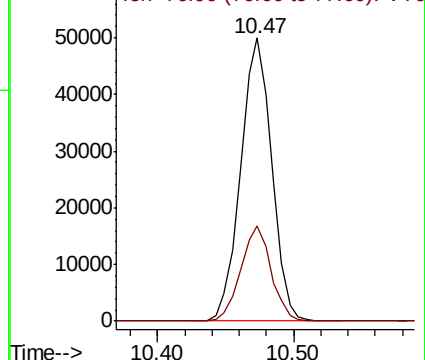
MMDadoda

10/11/2019 8:41:02 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 15.841 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

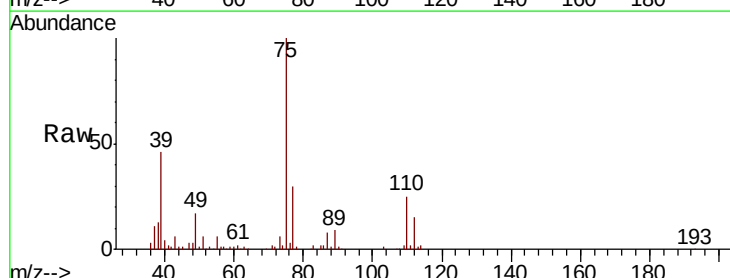
Tgt Ion: 75 Resp: 88644

Ion Ratio Lower Upper

75 100

77 29.7 25.0 37.4

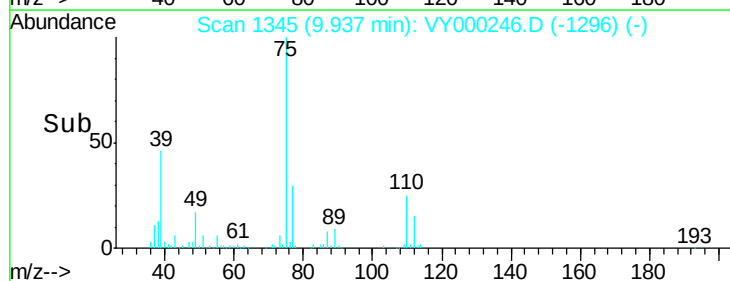
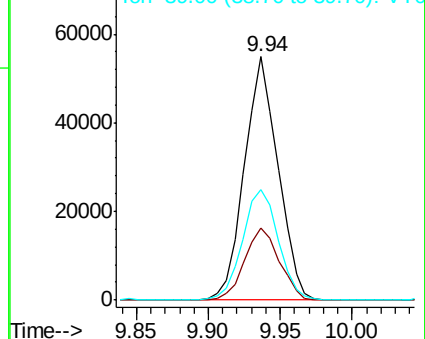
39 45.5 36.3 54.5

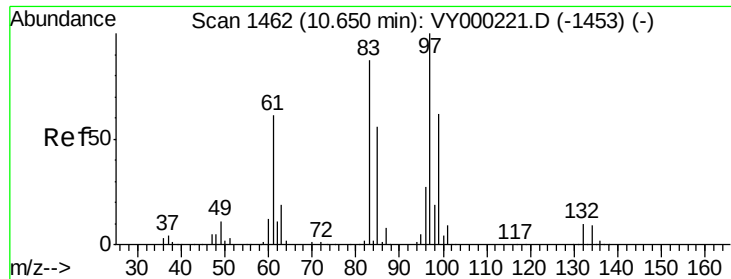


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





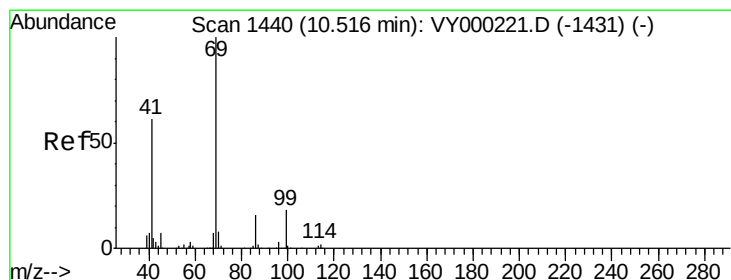
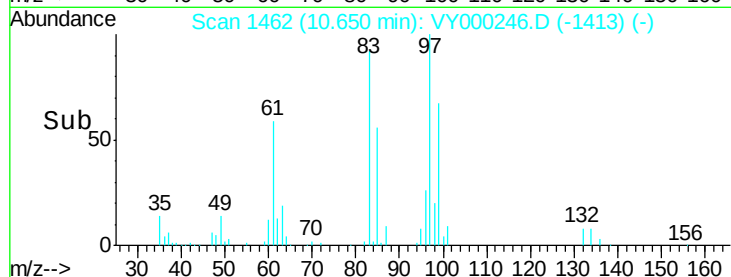
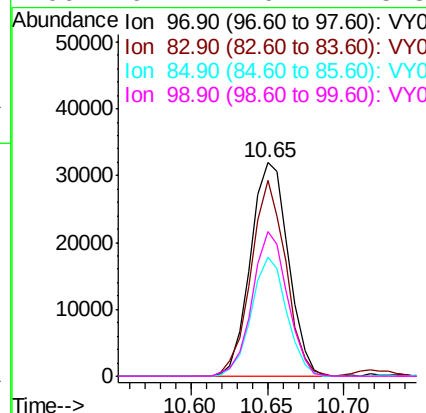
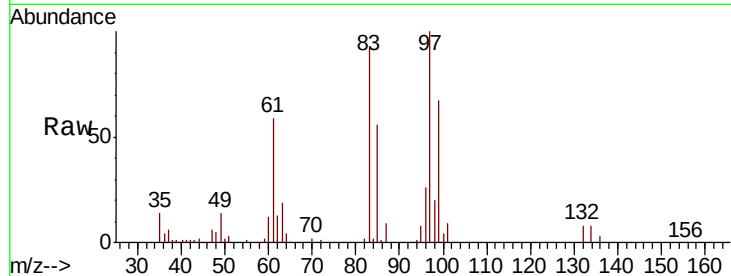
#55
 1,1,2-Trichloroethane
 Concen: 16.373 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tot Ion:	97	Resp:	54952
Ion	Ratio	Lower	Upper
97	100		
83	91.7	69.4	104.0
85	55.8	44.6	66.8
99	67.4	49.2	73.8

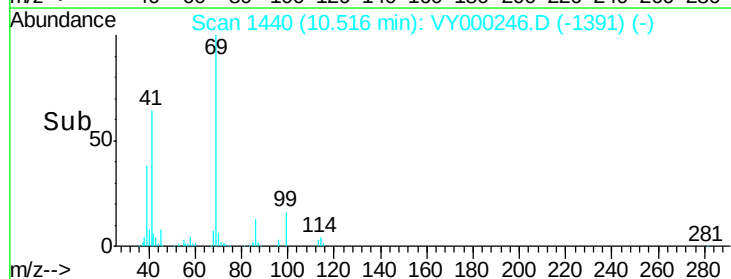
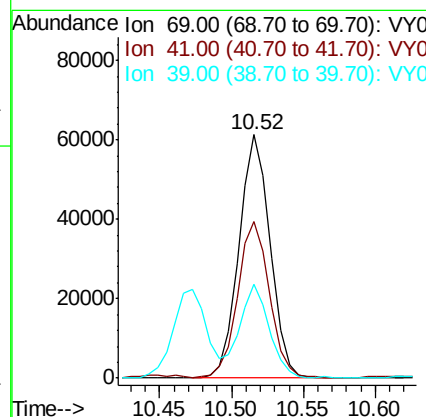
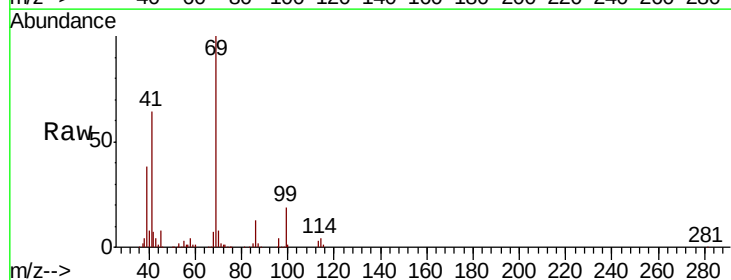
Manual Integrations
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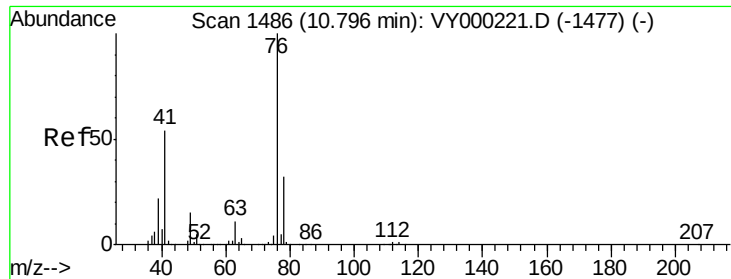
MMDadoda
 10/11/2019 8:41:02 AM



#56
 Ethyl methacrylate
 Concen: 15.630 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion:	69	Resp:	92355
Ion	Ratio	Lower	Upper
69	100		
41	65.7	51.2	76.8
39	36.5	27.0	40.4





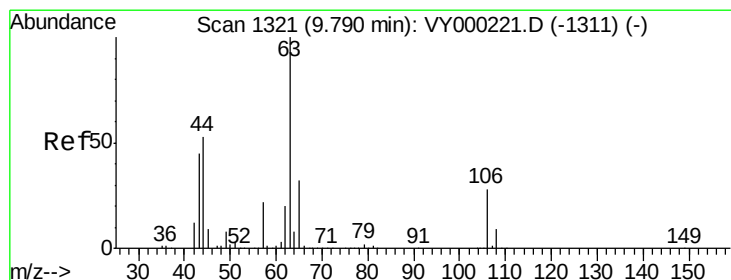
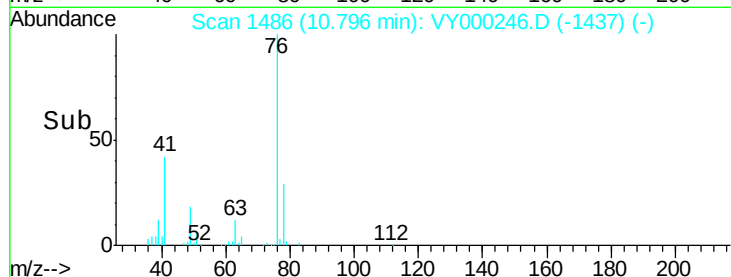
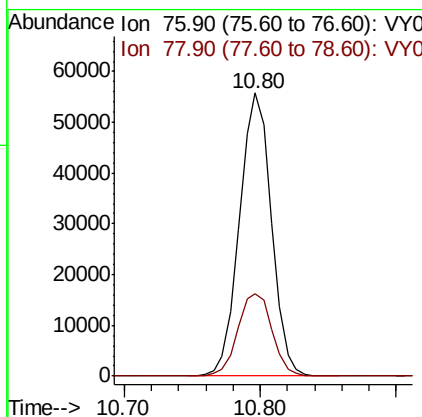
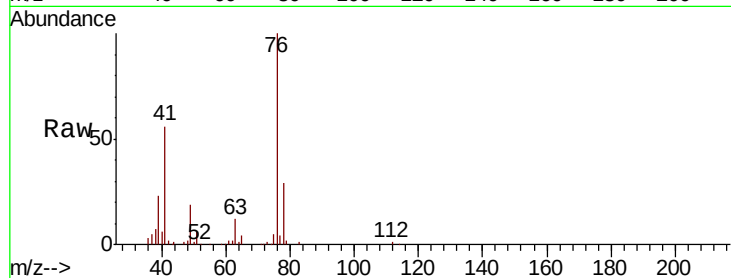
#57
 1,3-Dichloropropane
 Concen: 15.927 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tot Ion: 76 Resp: 91270
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.0 39.0

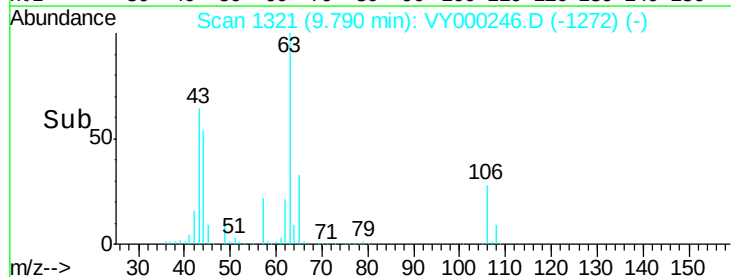
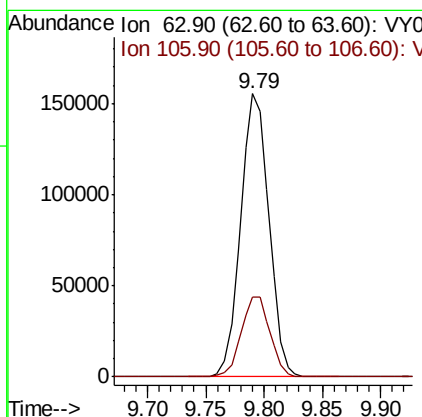
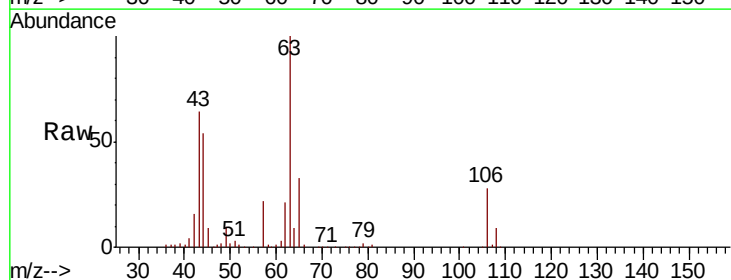
Manual Integrations
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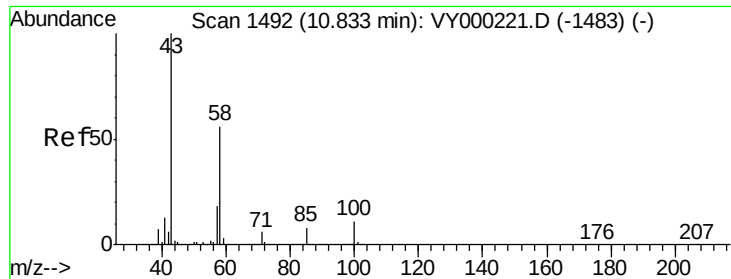
MMDadoda
 10/11/2019 8:41:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.333 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion: 63 Resp: 264252
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.6 33.8





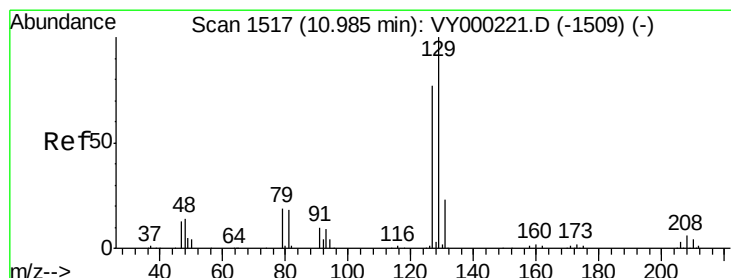
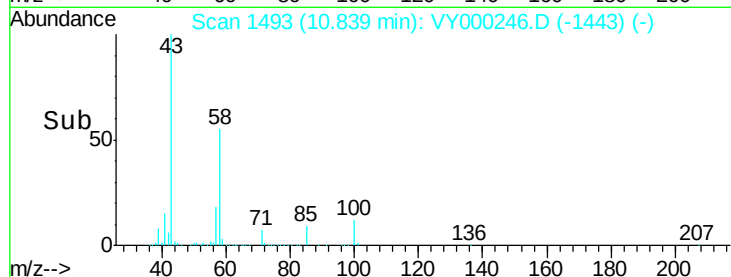
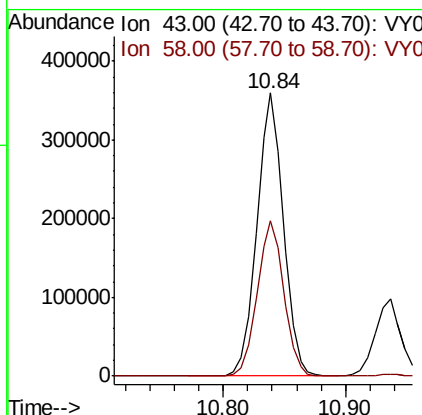
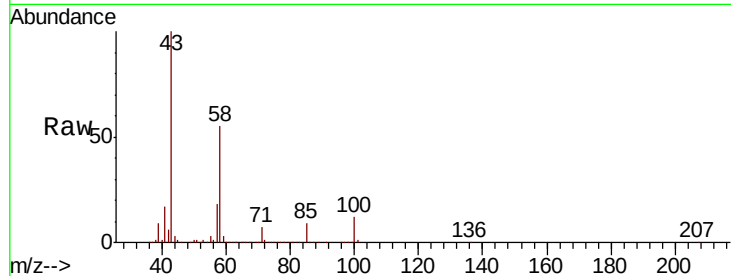
#59
2-Hexanone
Concen: 75.196 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion: 43 Resp: 542477
Ion Ratio Lower Upper
43 100
58 55.2 28.2 84.6

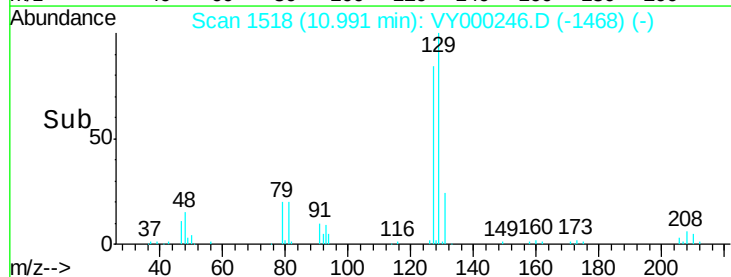
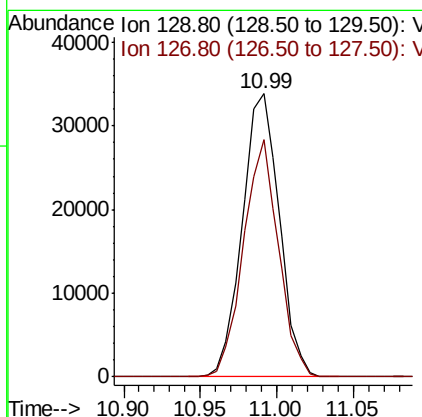
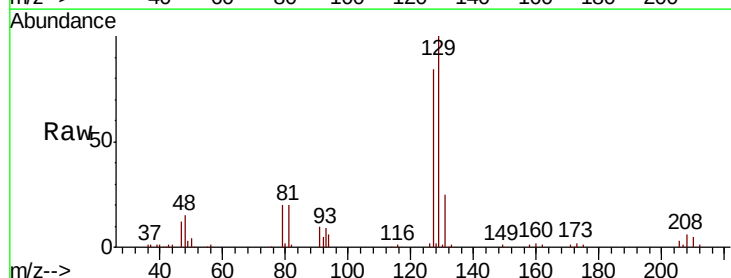
Manual Integrations
APPROVED

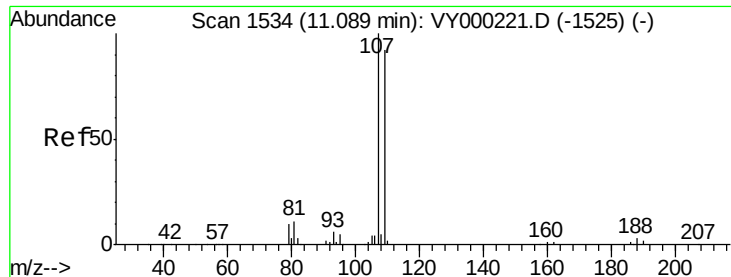
MMDadoda
10/11/2019 8:41:02 AM



#60
Dibromochloromethane
Concen: 16.070 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 129 Resp: 57024
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.287 ug/l

RT: 11.09 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion:107 Resp: 58064

Ion Ratio Lower Upper

107 100

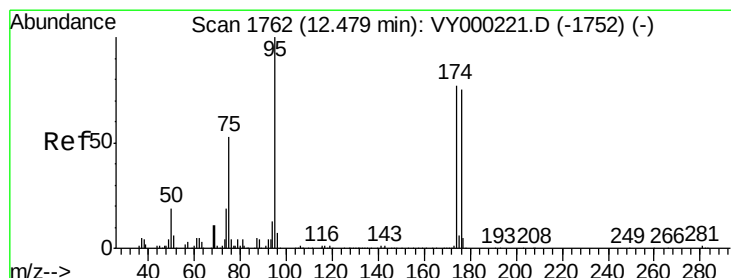
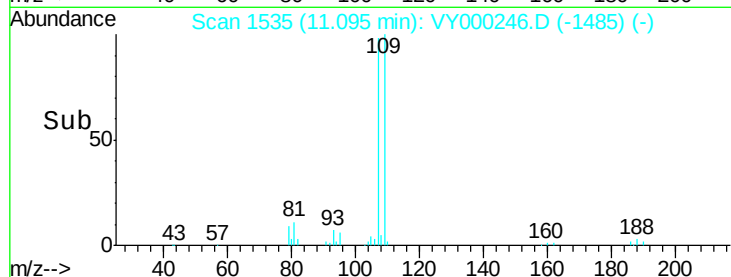
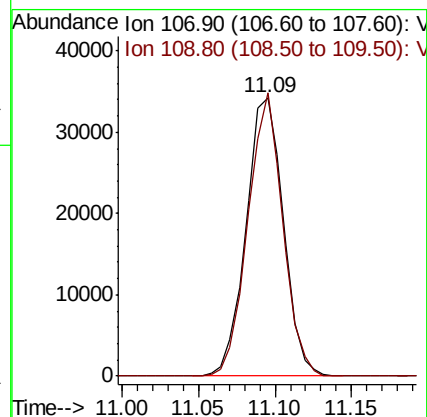
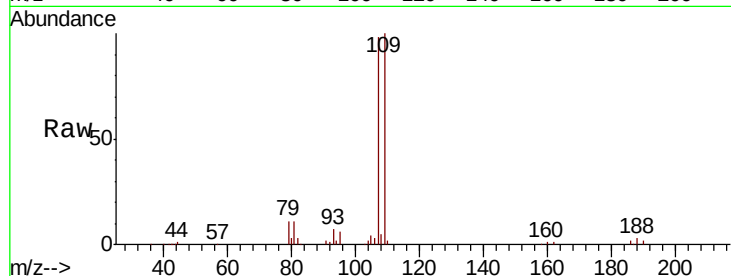
109 94.6 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 46.037 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

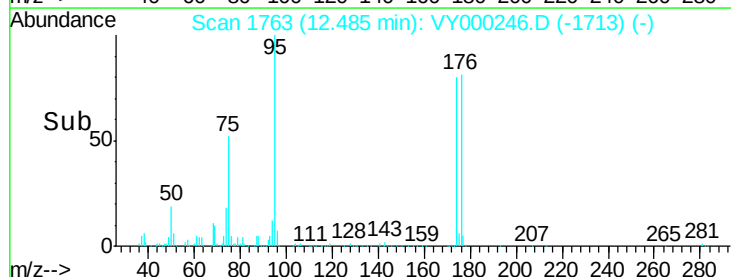
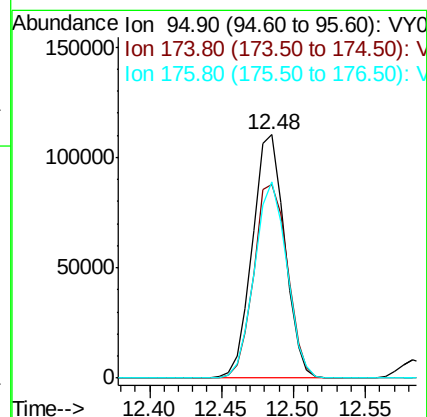
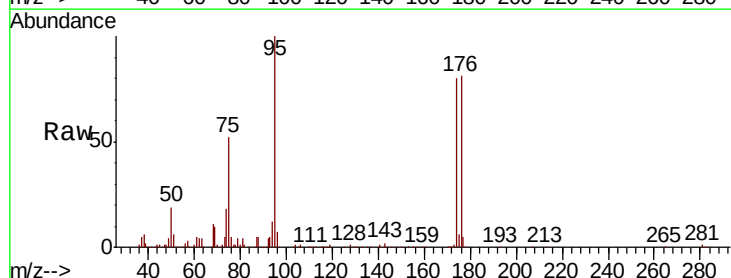
Tgt Ion: 95 Resp: 170982

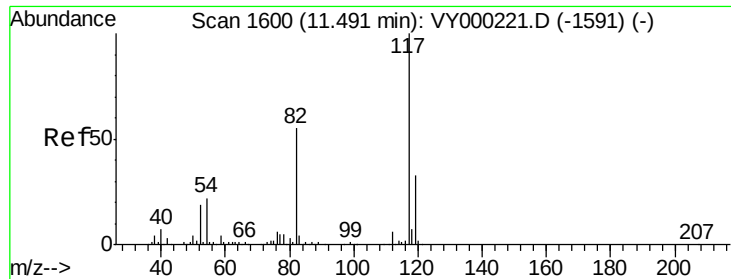
Ion Ratio Lower Upper

95 100

174 82.9 0.0 157.0

176 80.8 0.0 153.0





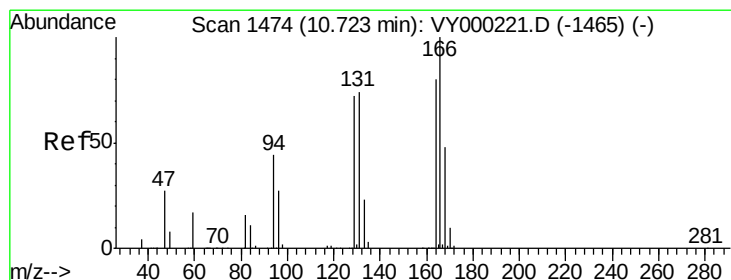
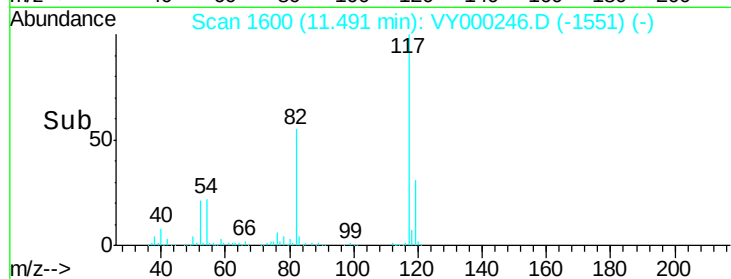
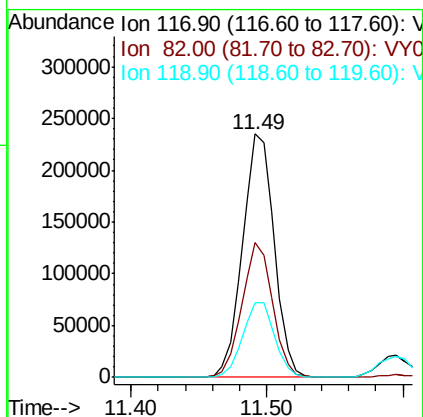
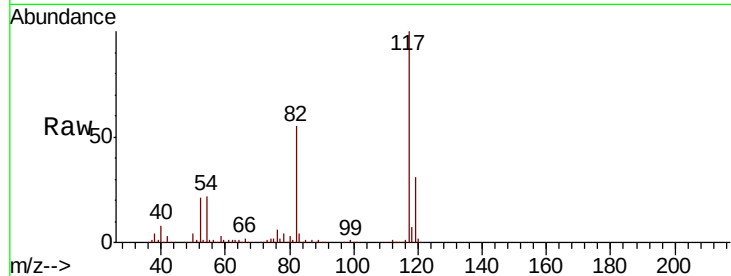
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	381949		
82	55.1		44.4	66.6
119	30.7		26.2	39.2

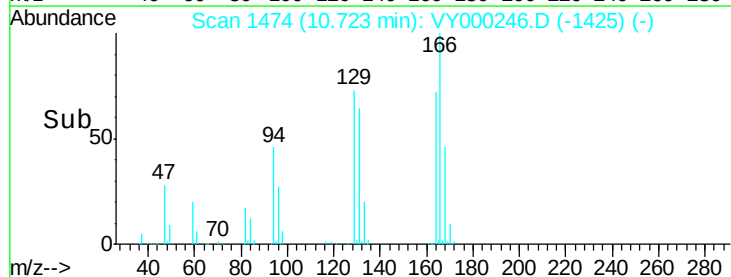
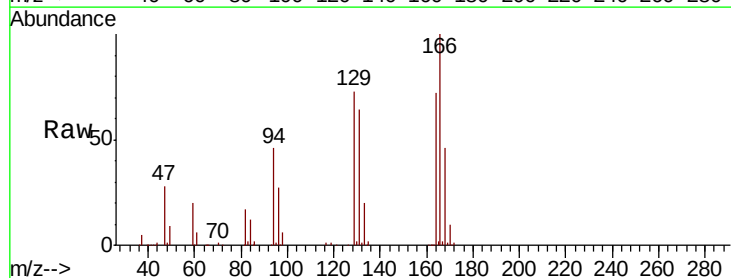
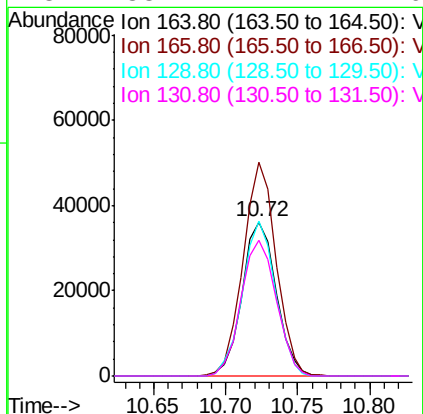
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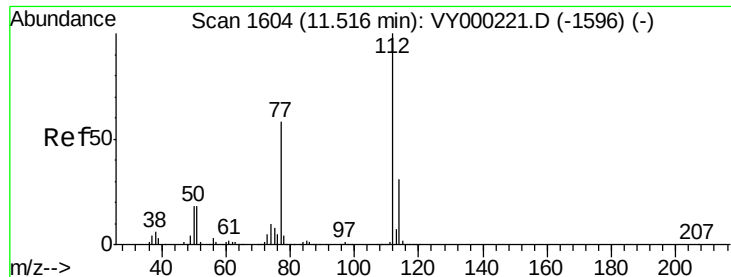
MMDadoda
10/11/2019 8:41:02 AM



#64
Tetrachloroethene
Concen: 16.983 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	59291		
166	138.7		100.3	150.5
129	100.7		72.4	108.6
131	88.1		74.4	111.6





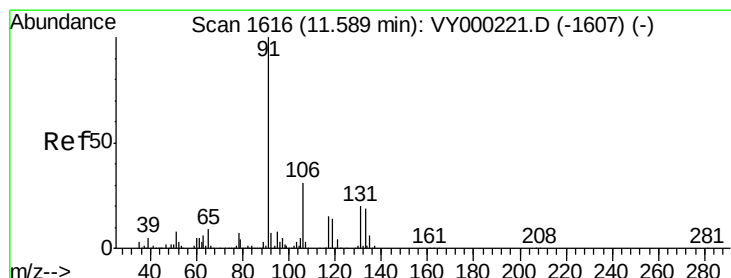
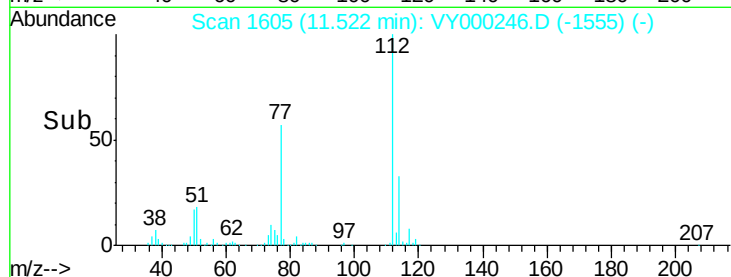
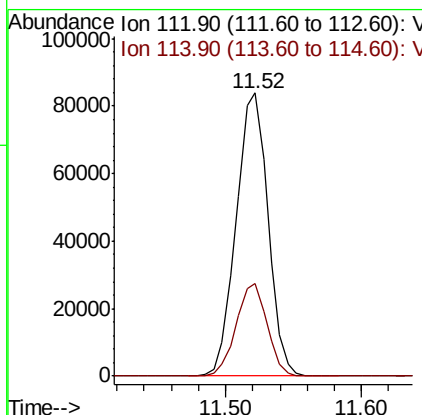
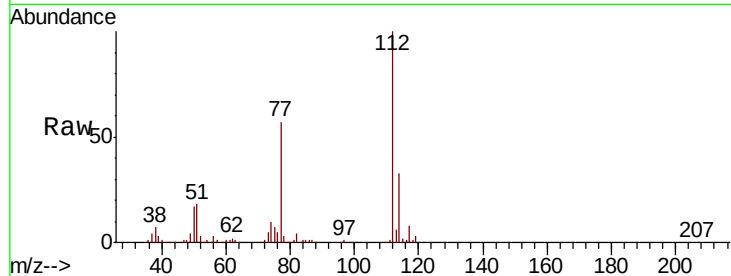
#65
Chlorobenzene
Concen: 15.510 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.0	37.4

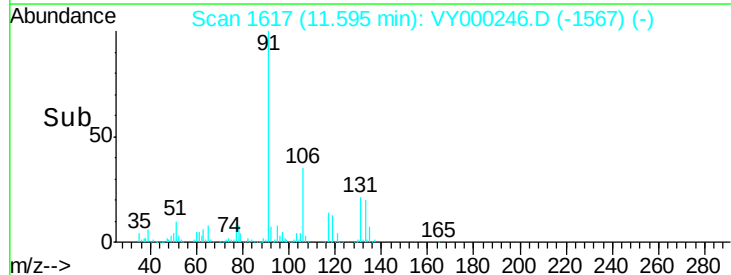
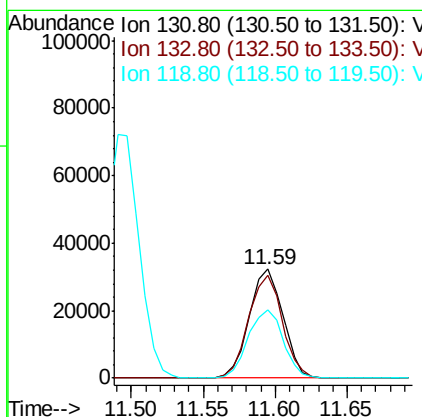
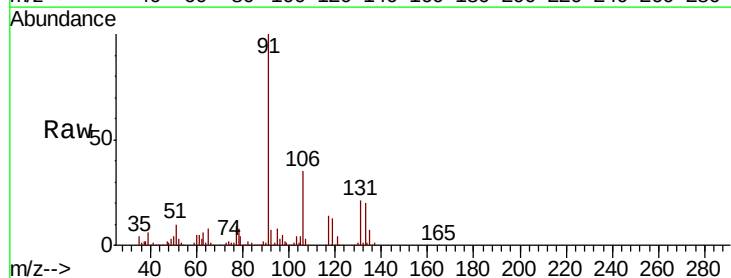
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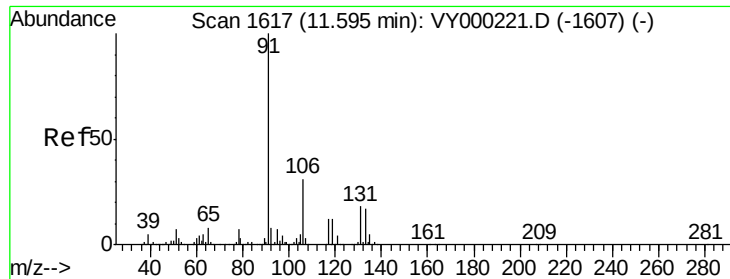
MMDadoda
10/11/2019 8:41:02 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 16.532 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.0	141.2
119	65.1	33.3	99.8





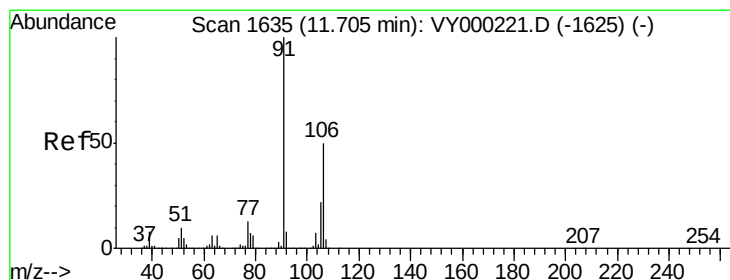
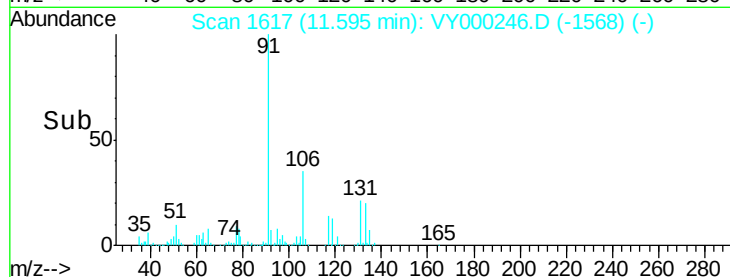
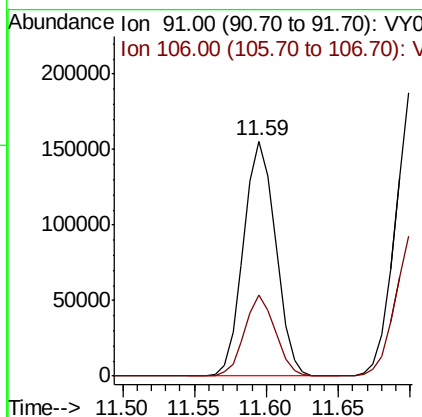
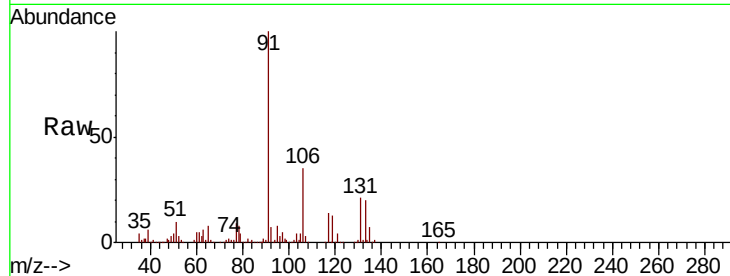
#67
Ethyl Benzene
Concen: 15.249 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	34.6	25.2	37.8

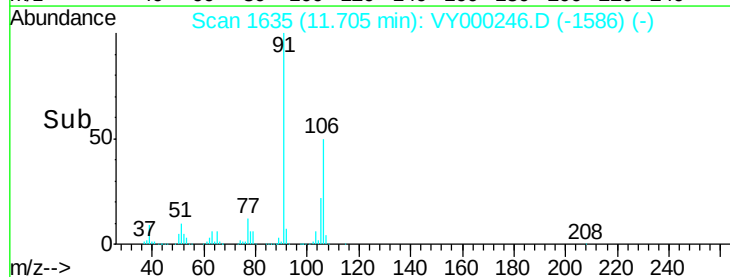
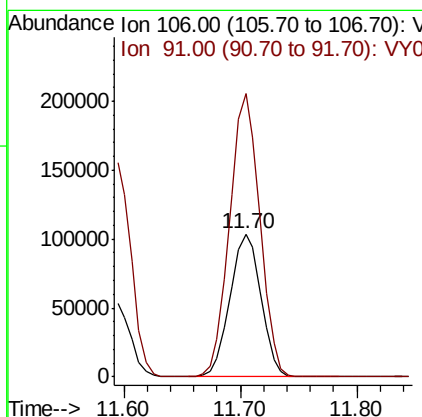
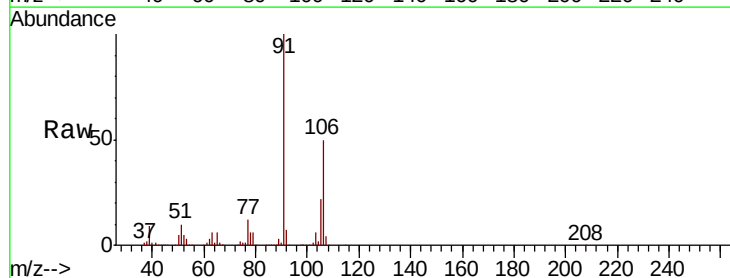
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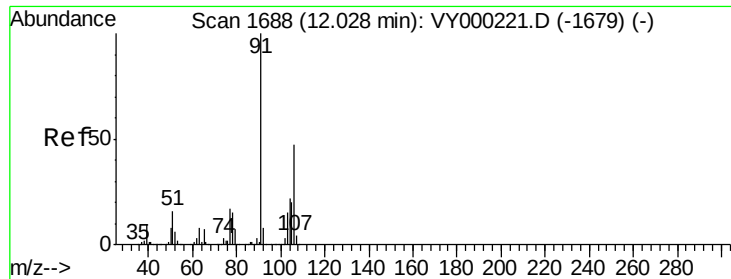
MMDadoda
10/11/2019 8:41:02 AM



#68
m/p-Xylenes
Concen: 31.806 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.6	159.9	239.9





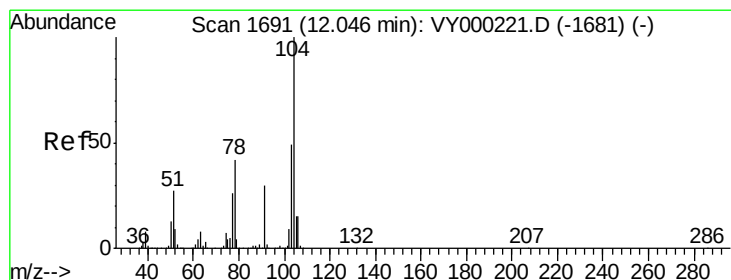
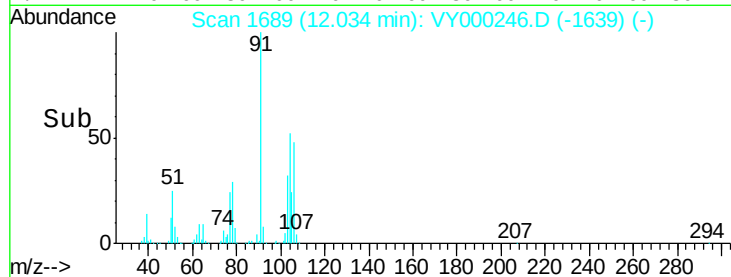
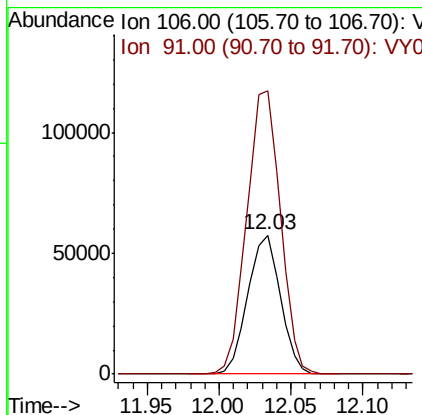
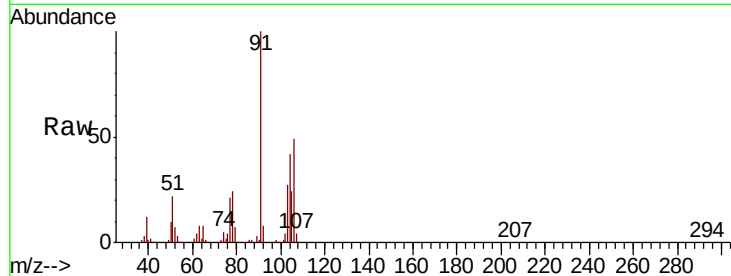
#69
o-Xylene
Concen: 15.543 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.6	106.1	318.1

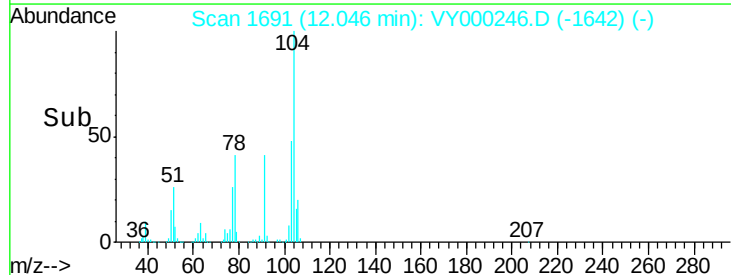
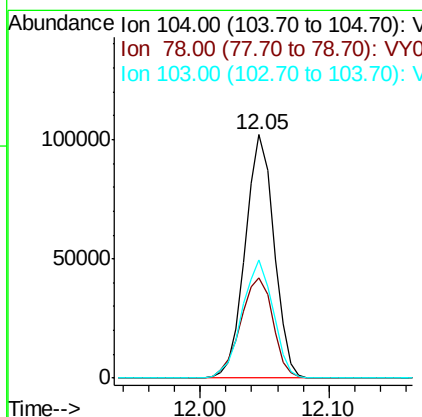
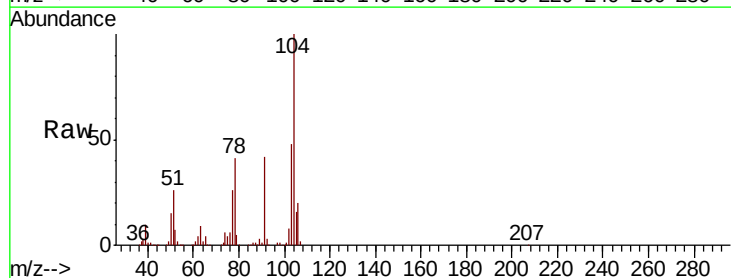
Manual Integrations
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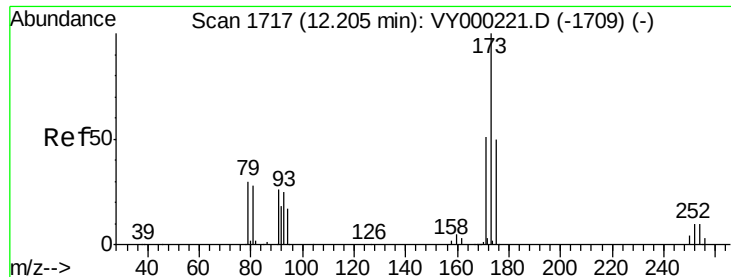
MMDadoda
10/11/2019 8:41:02 AM



#70
Styrene
Concen: 15.745 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.5	39.0	58.4
103	52.3	43.1	64.7





#71

Bromoform

Concen: 16.697 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion:173 Resp: 43598

Ion Ratio Lower Upper

173 100

175 47.4 24.8 74.3

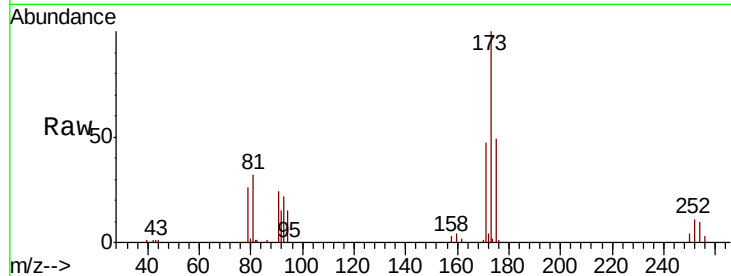
254 0.0 0.1 0.1#

Manual Integrations

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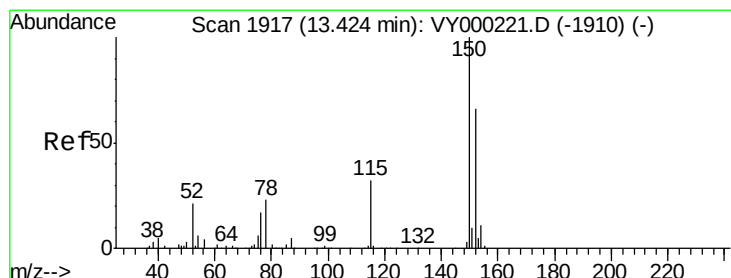
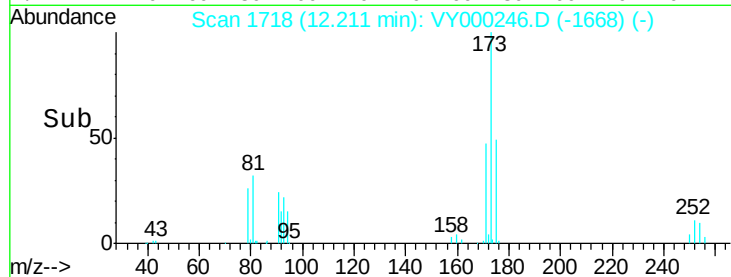
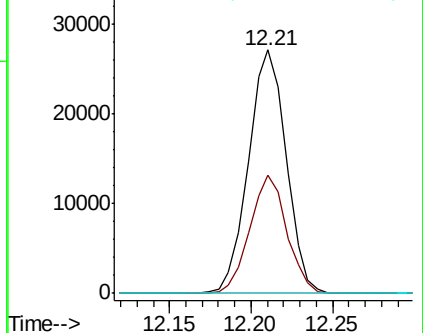
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

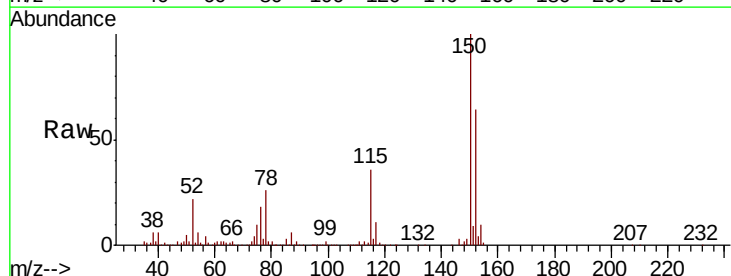
Tgt Ion:152 Resp: 183772

Ion Ratio Lower Upper

152 100

115 57.1 29.3 88.0

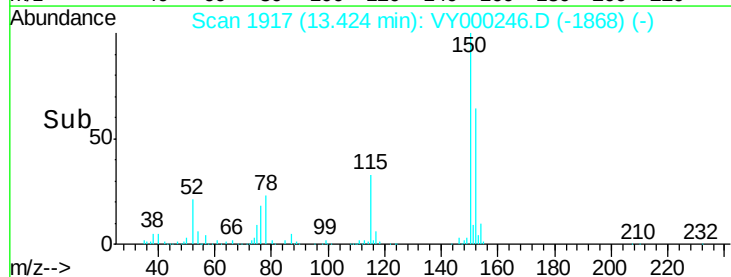
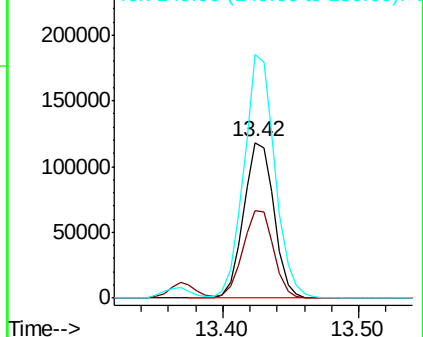
150 160.3 0.0 349.6

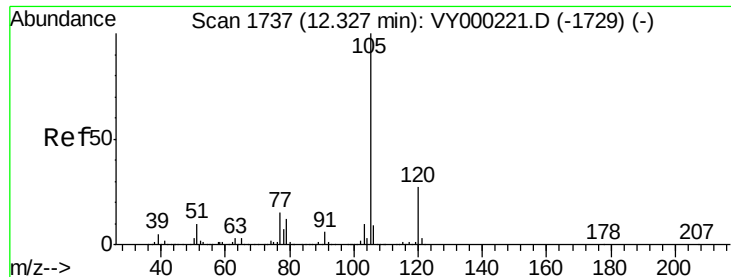


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





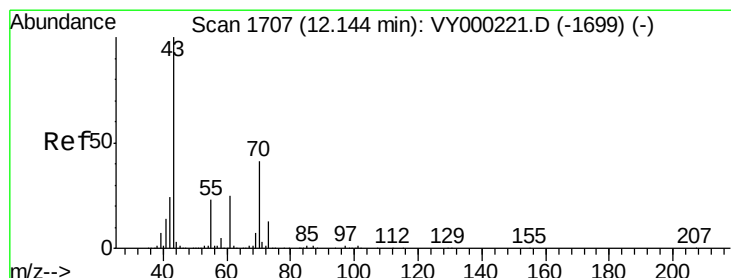
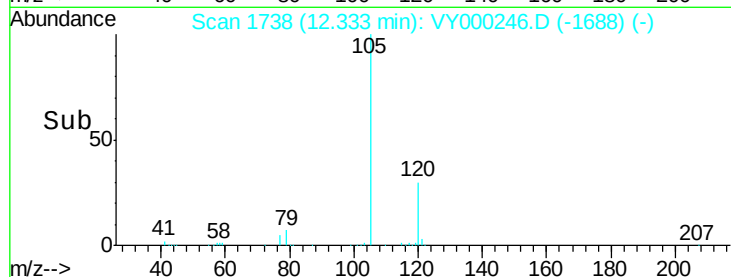
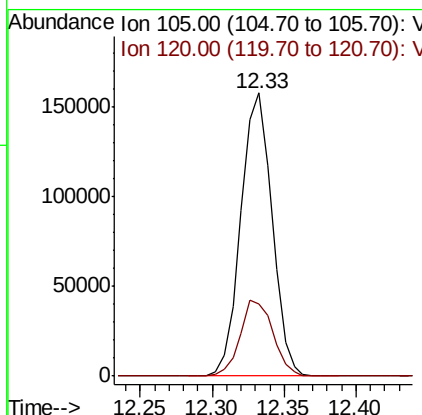
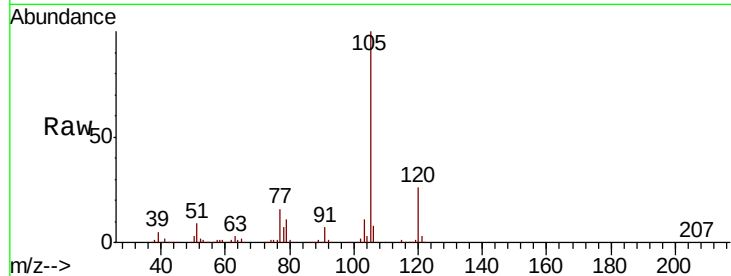
#73
Isopropylbenzene
Concen: 15.249 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.6	40.8

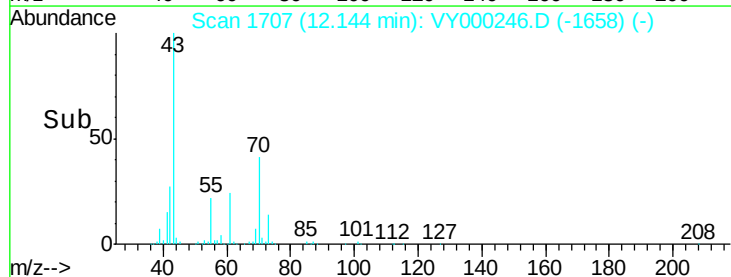
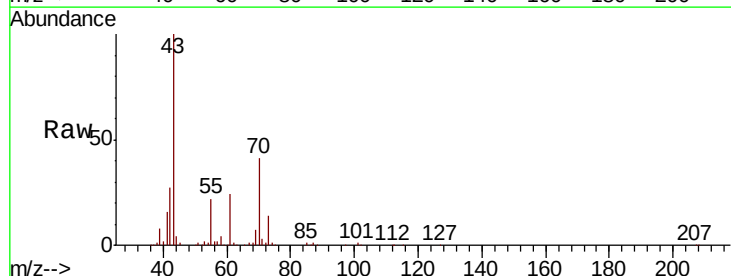
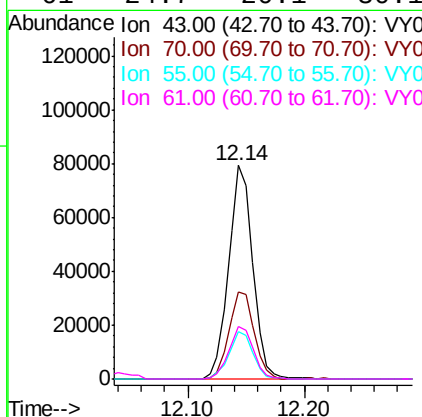
Manual Integrations
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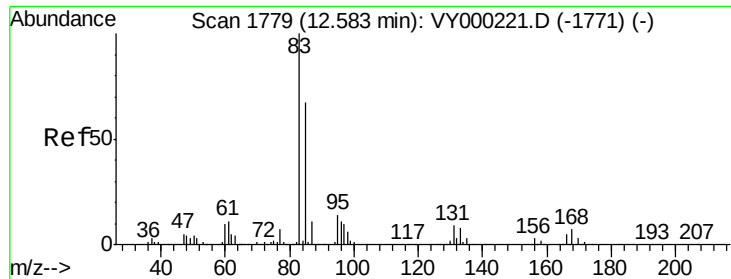
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10/11/2019 8:41:02 AM



#74
N-ethyl acetate
Concen: 14.005 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.2	34.9	52.3
55	22.3	18.2	27.2
61	24.7	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 15.530 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

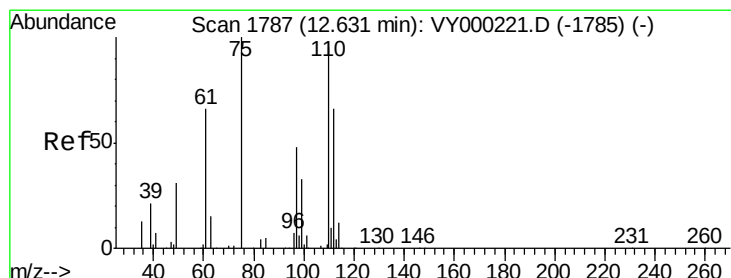
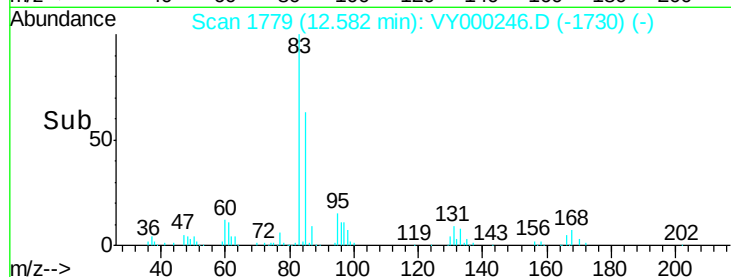
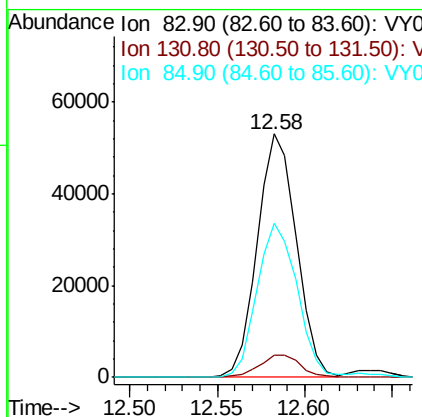
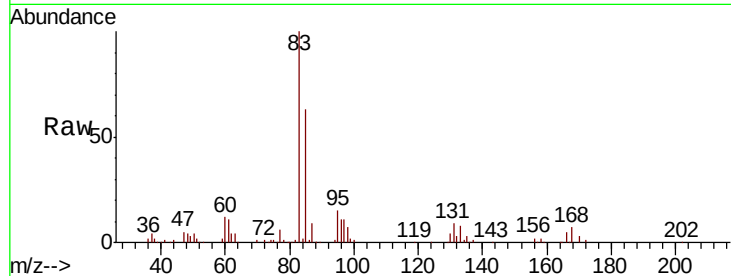
ClientSampleId :

VY1009WBS01

Tot Ion:	83	Resp:	82535
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.8	14.3
85	65.0	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.837 ug/l m

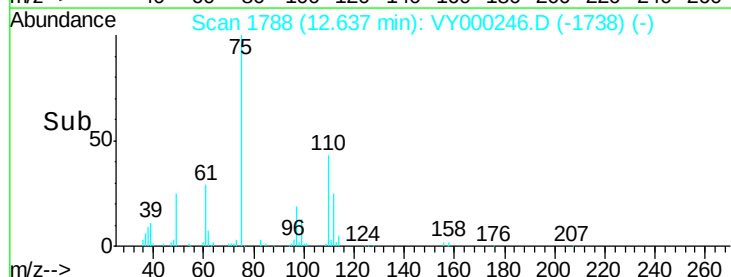
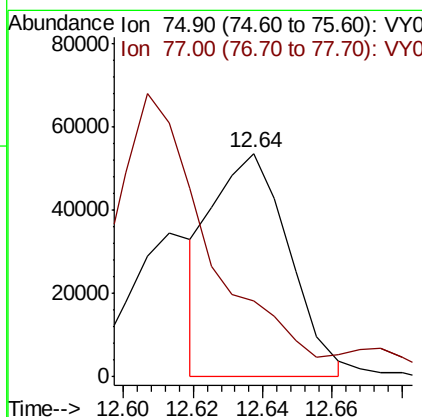
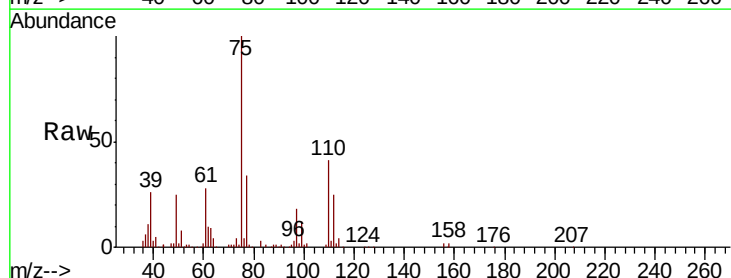
RT: 12.64 min Scan# 1788

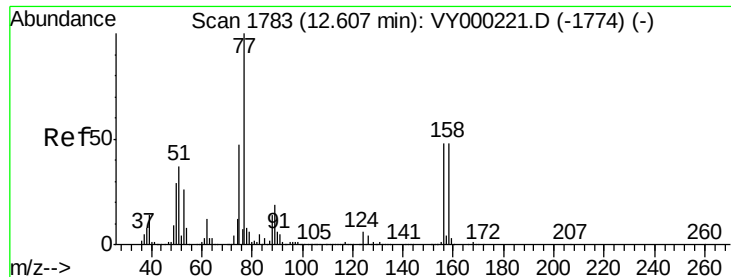
Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Tgt Ion:	75	Resp:	81692
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 16.082 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion:156 Resp: 58727

Ion Ratio Lower Upper

156 100

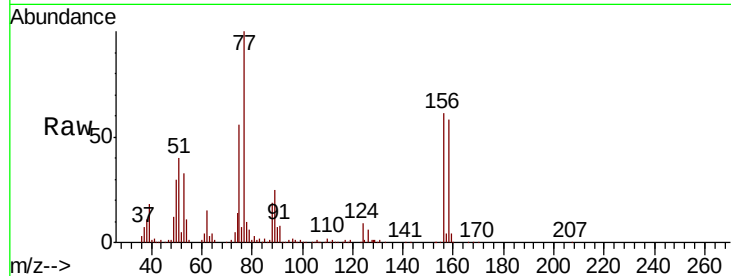
77 225.7 118.1 354.3

158 94.7 47.8 143.3

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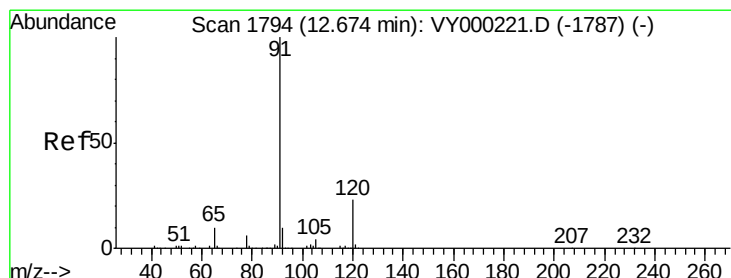
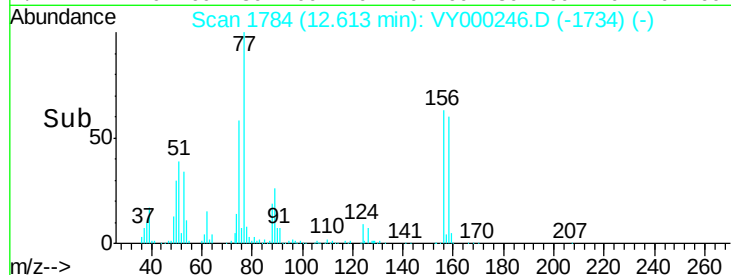
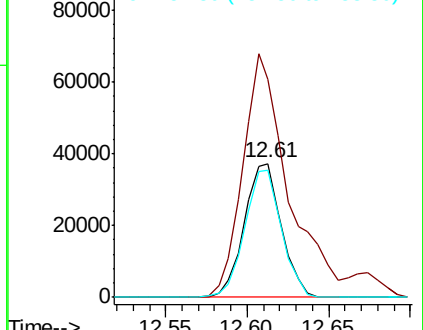
10/11/2019 8:41:02 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 15.163 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000246.D

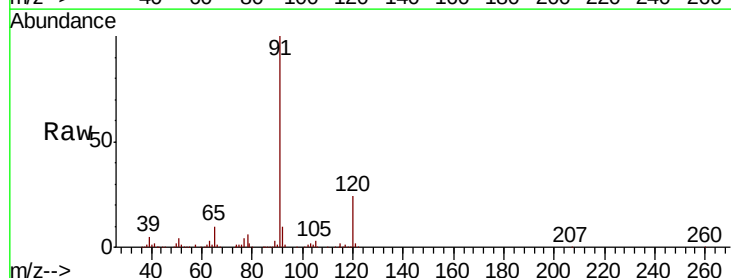
Acq: 09 Oct 2019 16:13

Tgt Ion: 91 Resp: 275809

Ion Ratio Lower Upper

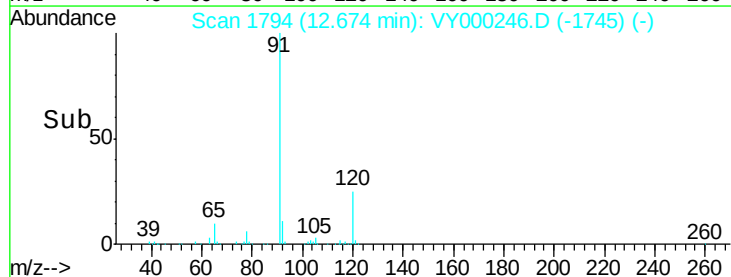
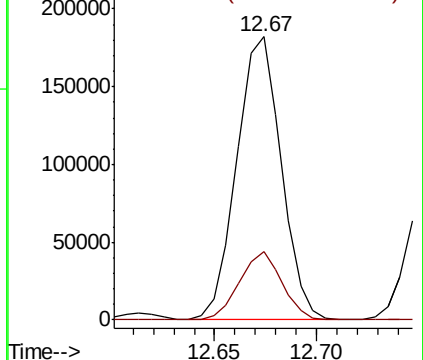
91 100

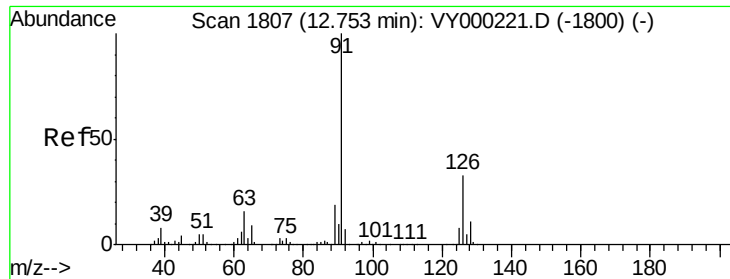
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





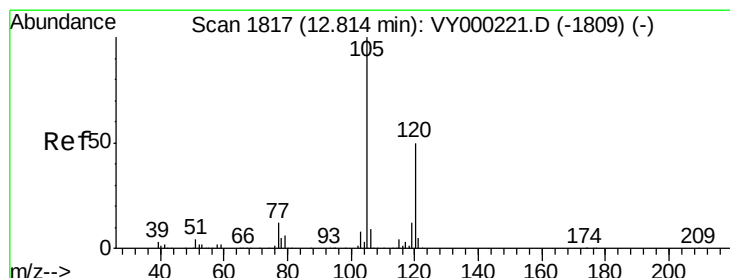
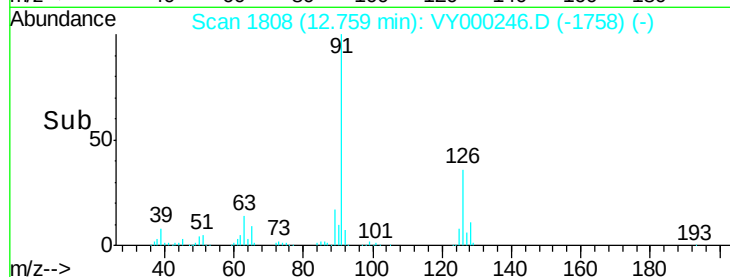
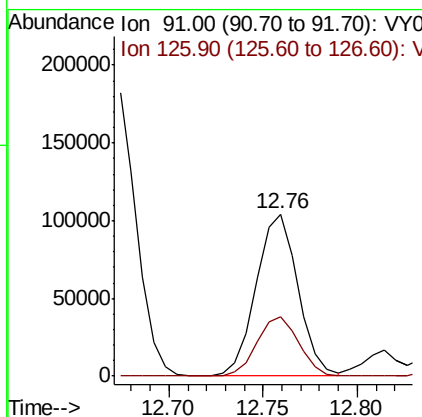
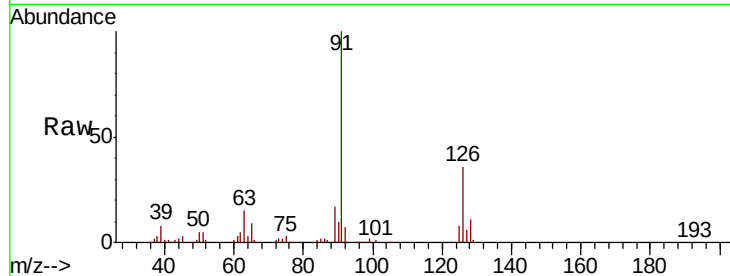
#79
 2-Chlorotoluene
 Concen: 15.322 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tot Ion: 91 Resp: 160464
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.2 51.6

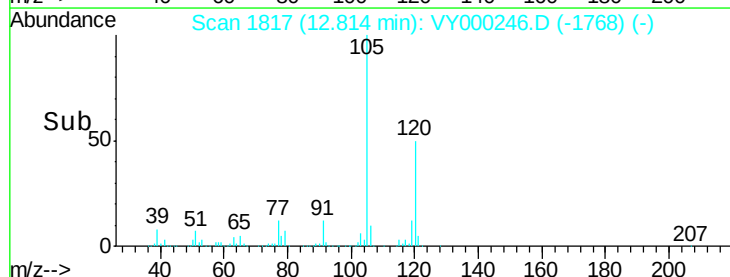
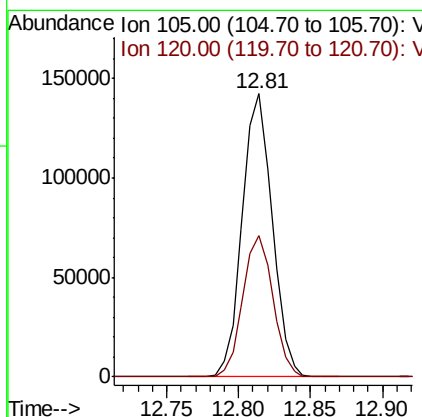
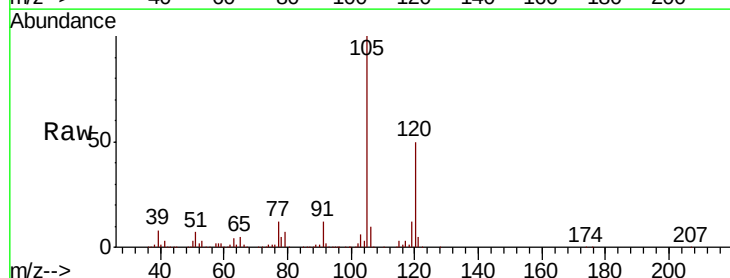
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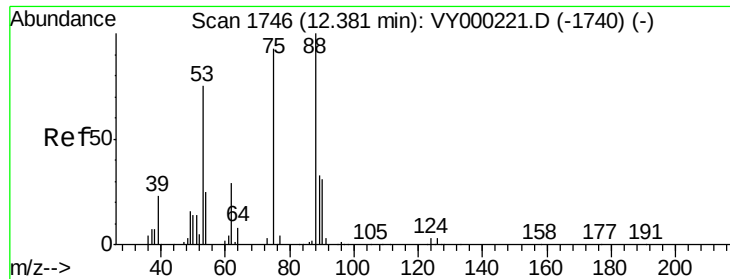
MMDadoda
 10/11/2019 8:41:02 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 15.845 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion: 105 Resp: 205885
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.603 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

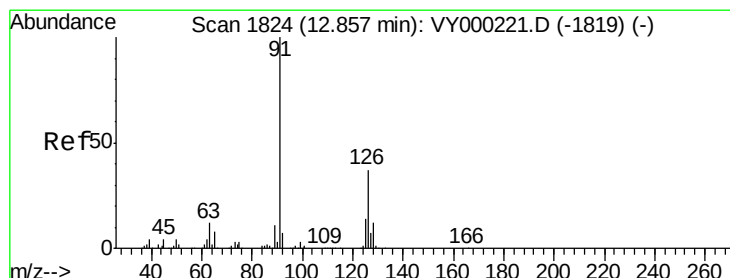
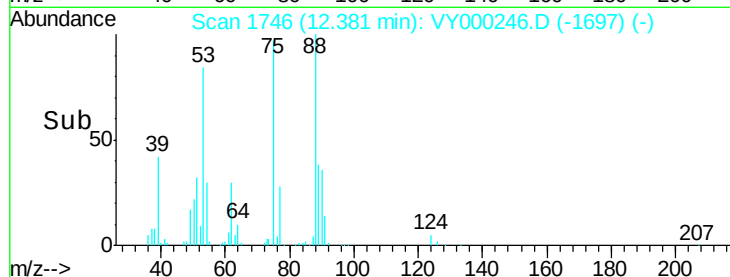
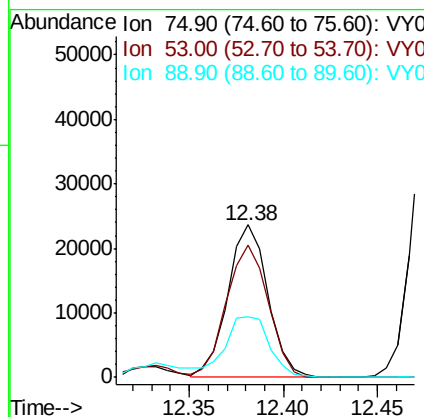
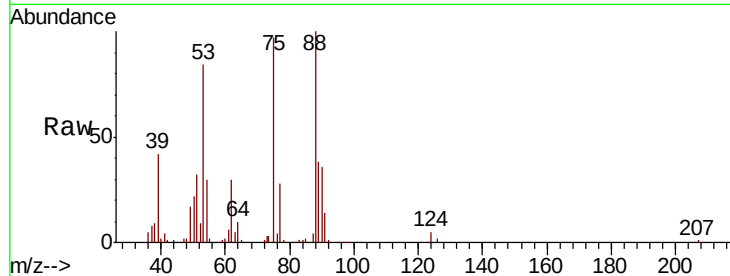
ClientSampleId :

VY1009WBS01

Tot Ion:	75	Resp:	35025
Ion Ratio	Lower	Upper	
75	100		
53	89.8	66.5	99.7
89	44.6	46.9	70.3

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#82

4-Chlorotoluene

Concen: 15.326 ug/l

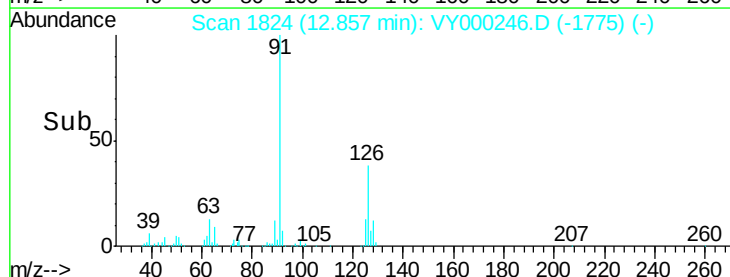
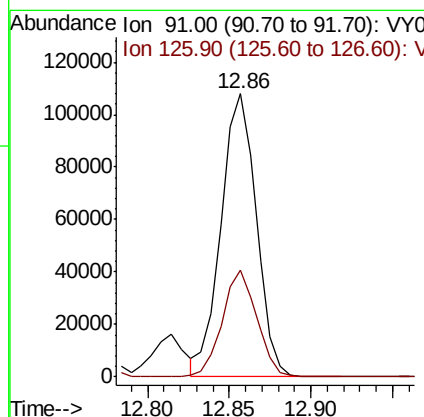
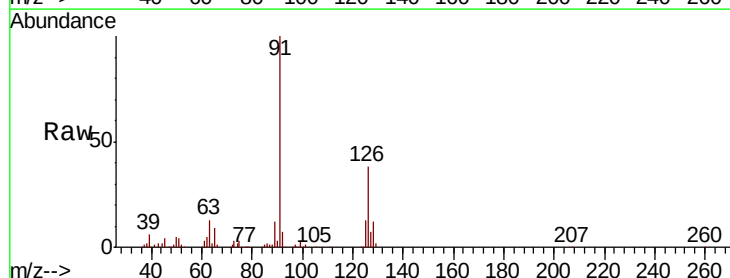
RT: 12.86 min Scan# 1824

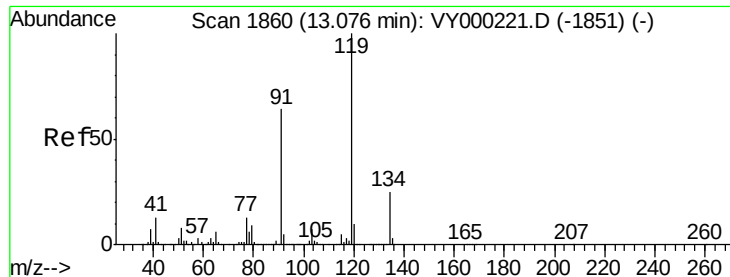
Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Tgt Ion:	91	Resp:	162562
Ion Ratio	Lower	Upper	
91	100		
126	36.8	17.3	52.0





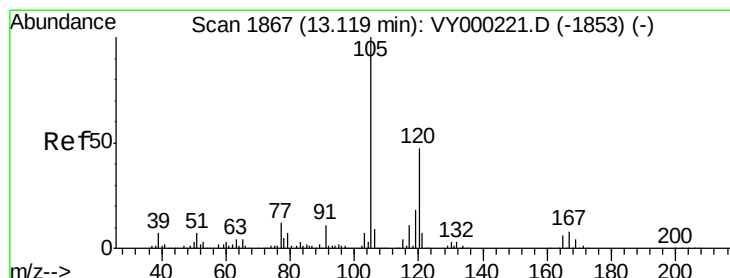
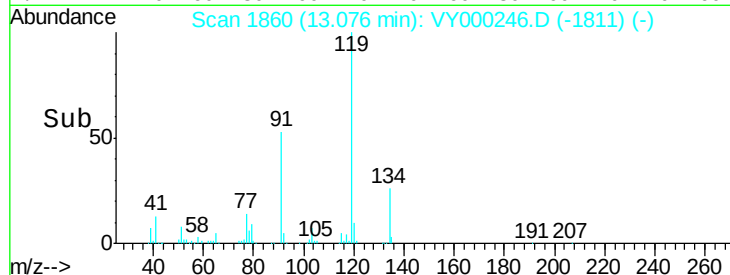
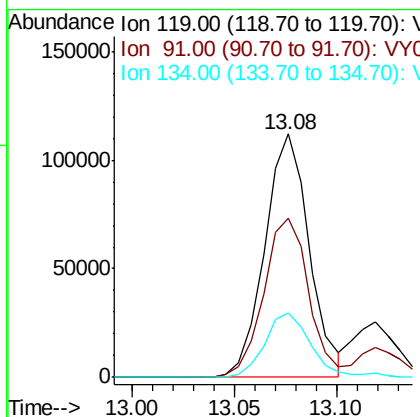
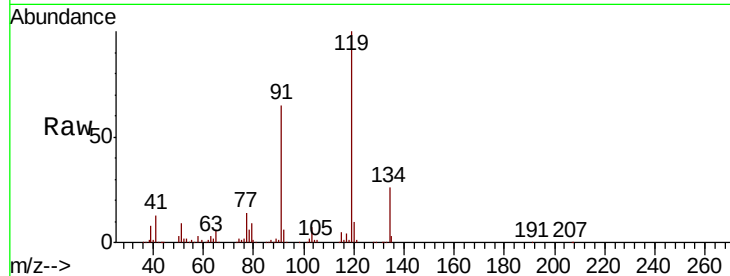
#83
 tert-Butylbenzene
 Concen: 15.061 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	32.4	97.2
134	28.1	13.2	39.6

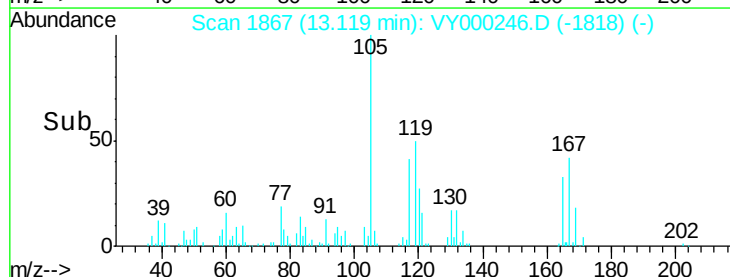
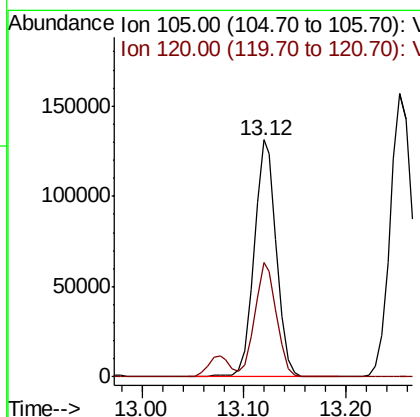
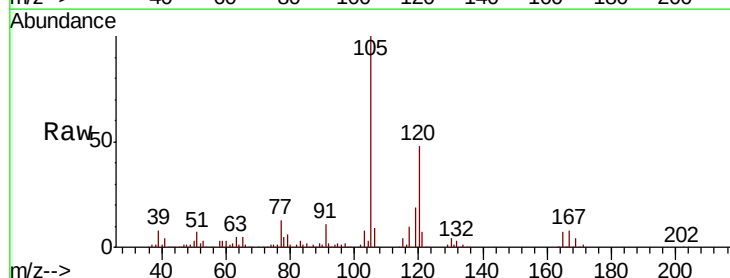
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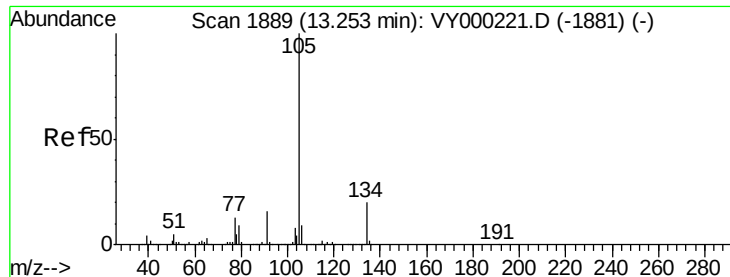
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 10/11/2019 8:41:02 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 15.365 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	22.8	68.3





#85

sec-Butylbenzene

Concen: 15.306 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tot Ion:105 Resp: 238260

Ion Ratio Lower Upper

105 100

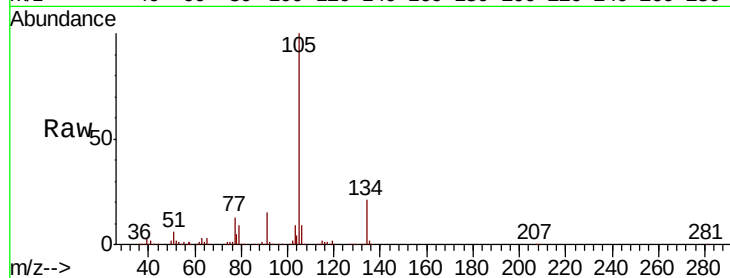
134 20.4 10.2 30.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

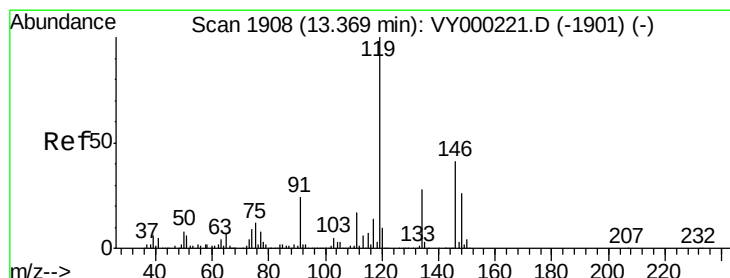
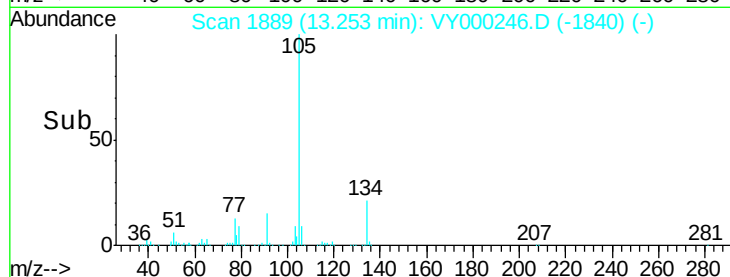
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 15.602 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

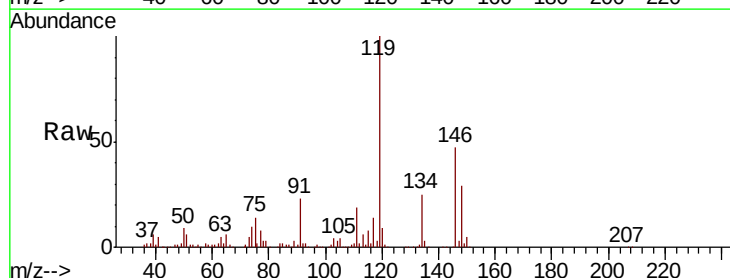
Tgt Ion:119 Resp: 213582

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

91 23.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

200000

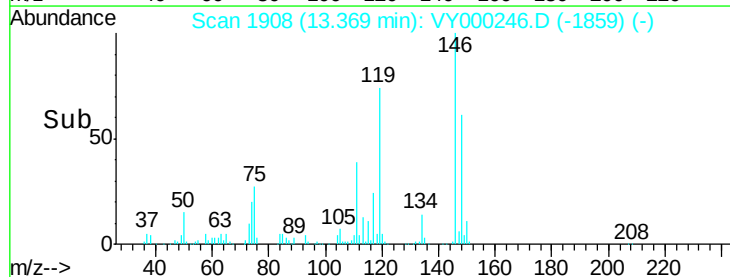
150000

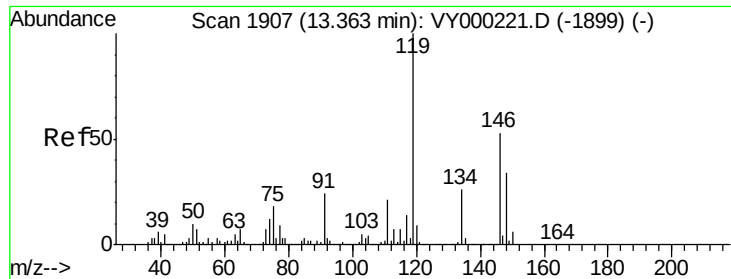
100000

50000

0

Time-->





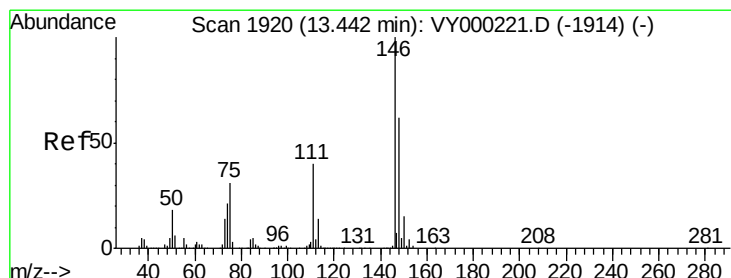
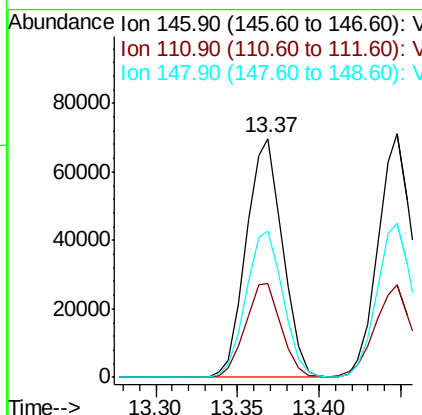
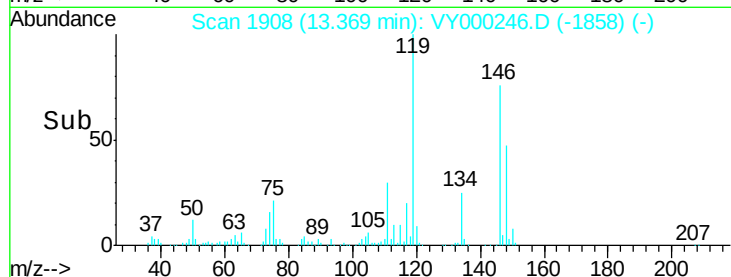
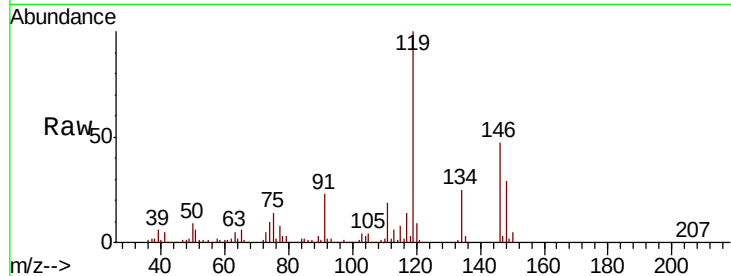
#87
 1,3-Dichlorobenzene
 Concen: 16.340 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	60.8
148	62.3	31.7	95.1

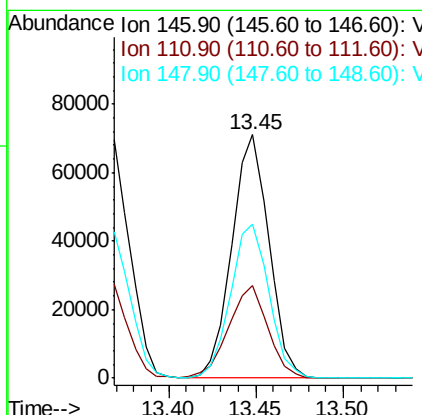
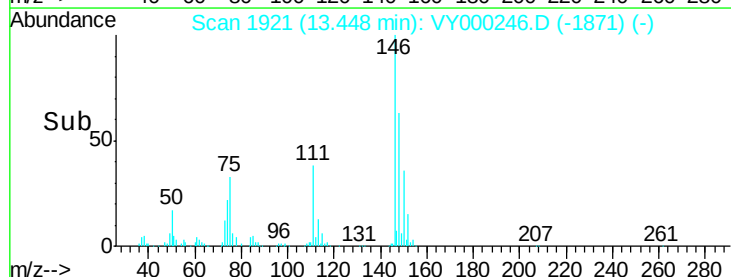
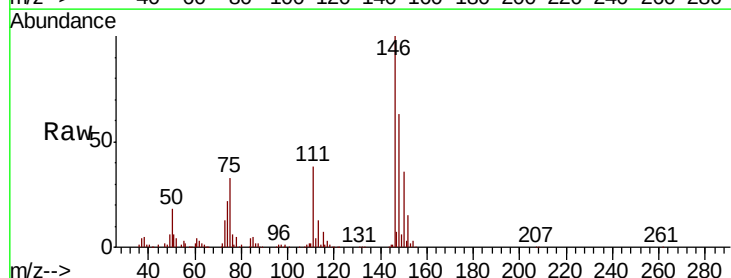
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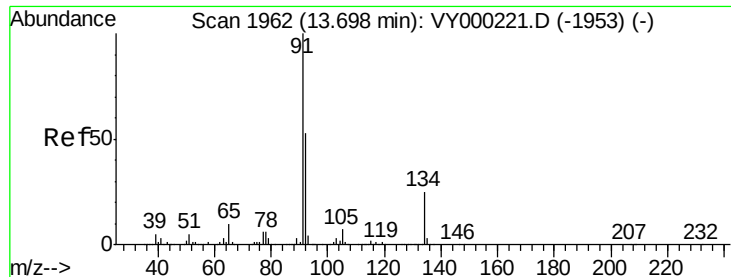
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 15.210 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.8	59.3
148	65.6	31.6	94.8





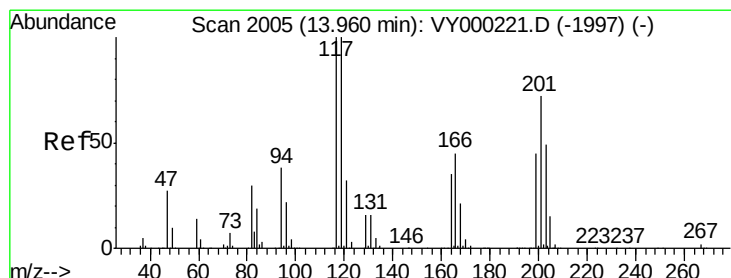
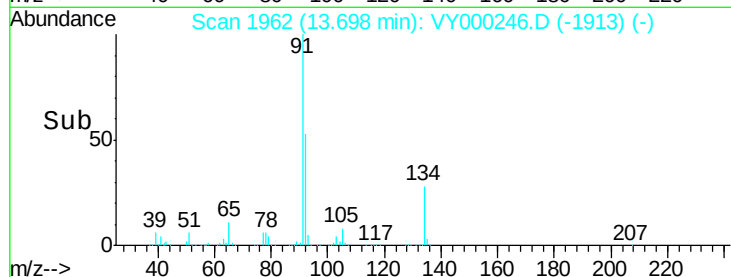
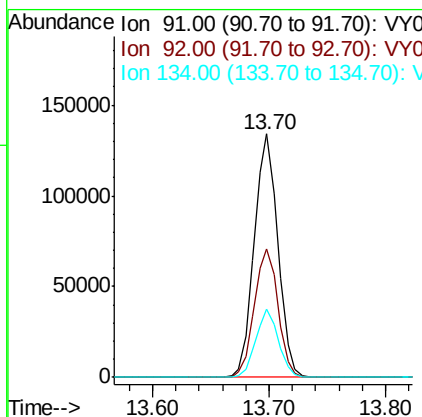
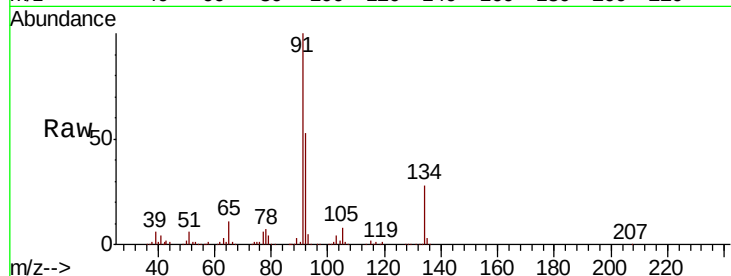
#89
n-Butylbenzene
Concen: 14.696 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	26.9	12.8	38.4

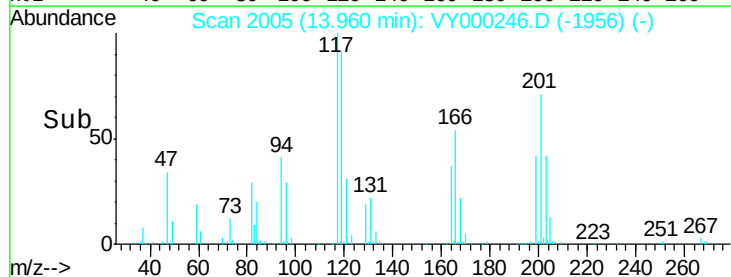
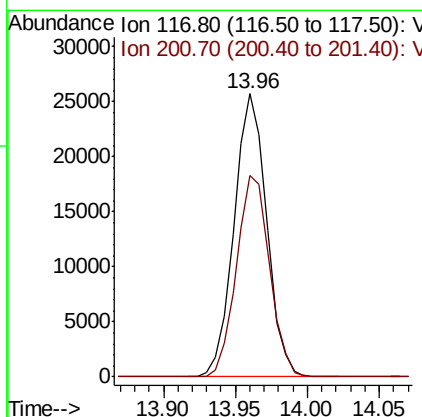
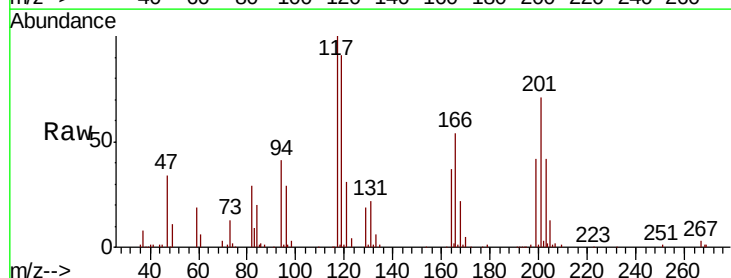
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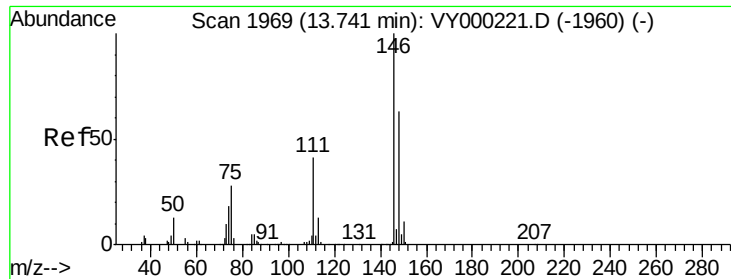
MMDadoda
10/11/2019 8:41:02 AM



#90
Hexachloroethane
Concen: 15.643 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.1	35.5	106.5





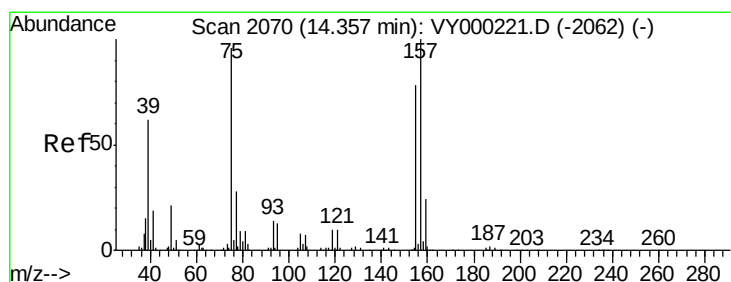
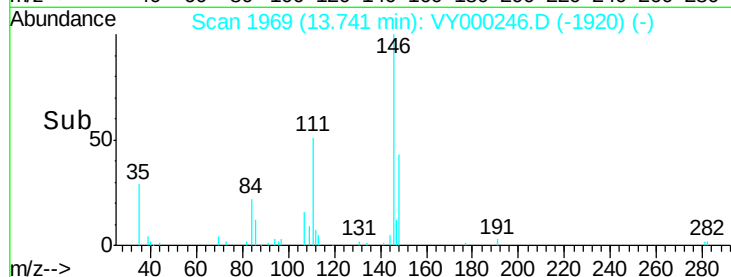
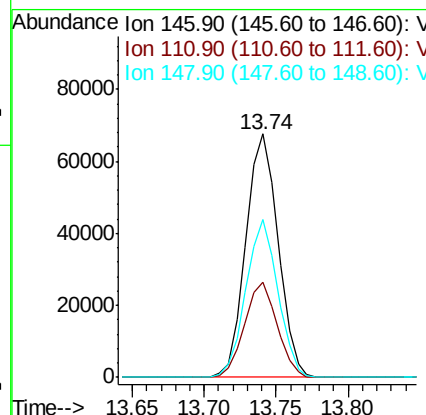
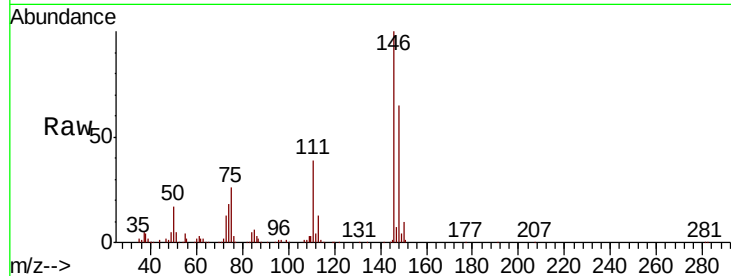
#91
 1,2-Dichlorobenzene
 Concen: 15.622 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.9	62.8
148	64.7	31.6	95.0

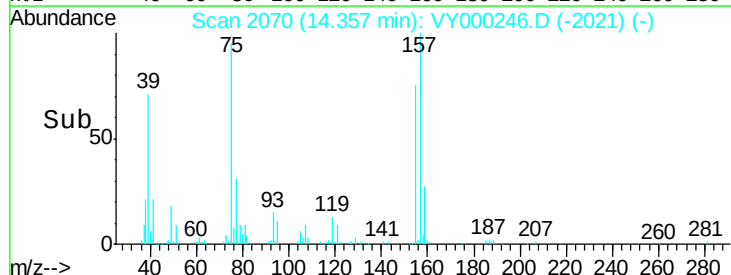
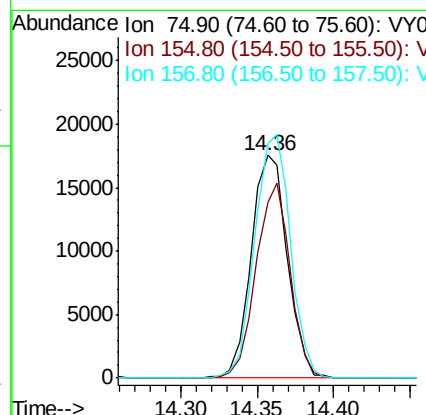
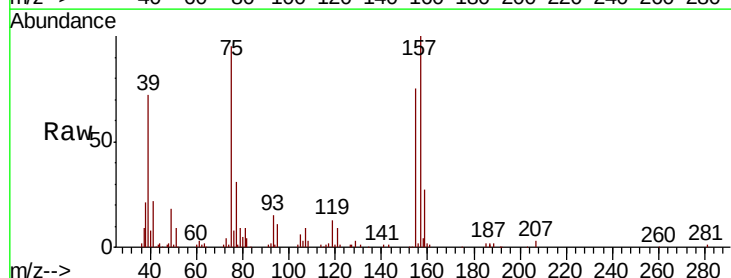
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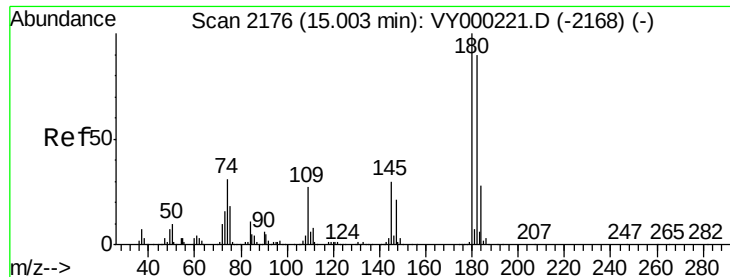
MMDadoda
 10/11/2019 8:41:02 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.027 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	42.4	127.3
157	108.2	53.8	161.5





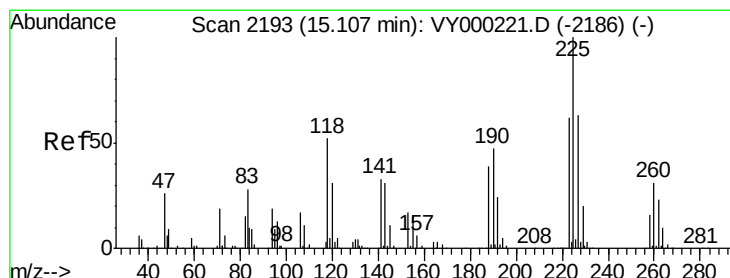
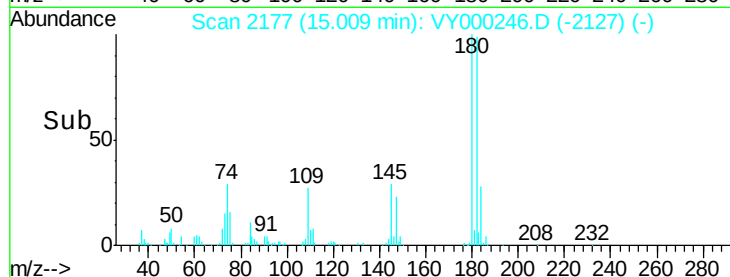
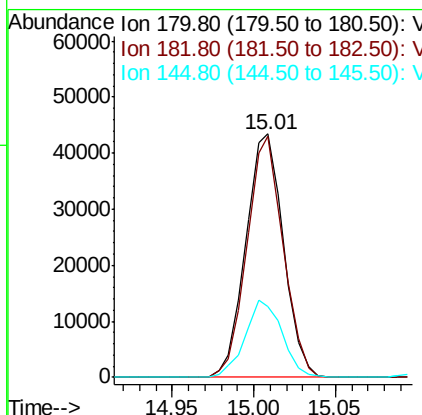
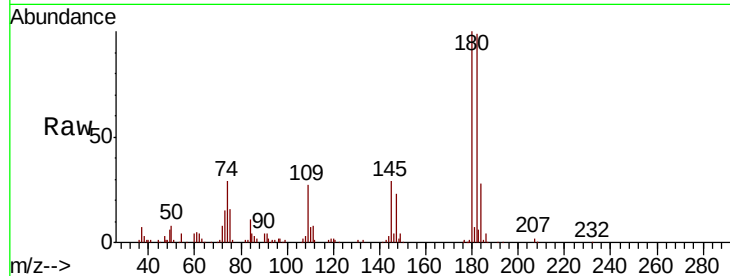
#93
 1,2,4-Trichlorobenzene
 Concen: 15.260 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.2	141.6
145	31.4	15.3	45.8

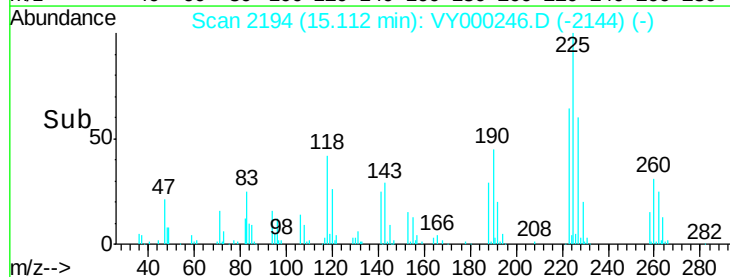
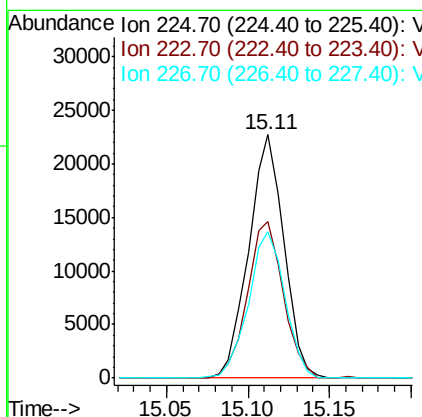
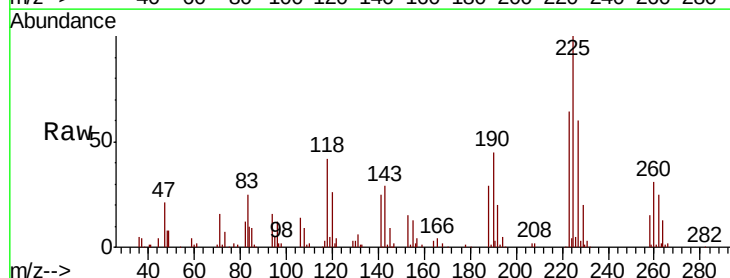
Manual Integrations
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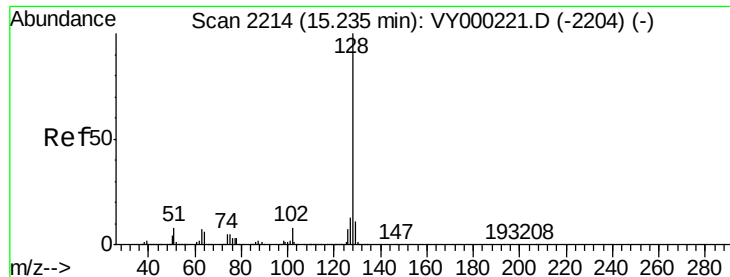
MMDadoda
 10/11/2019 8:41:02 AM



#94
 Hexachlorobutadiene
 Concen: 15.689 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	31.9	95.5
227	62.4	31.5	94.5





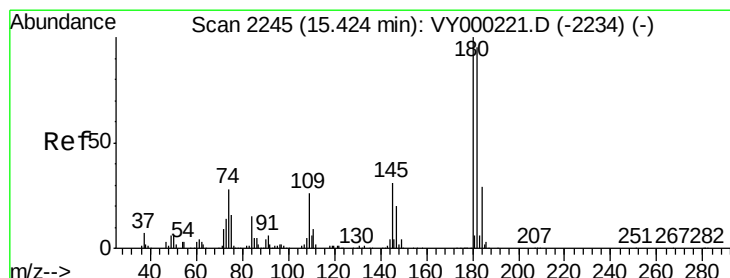
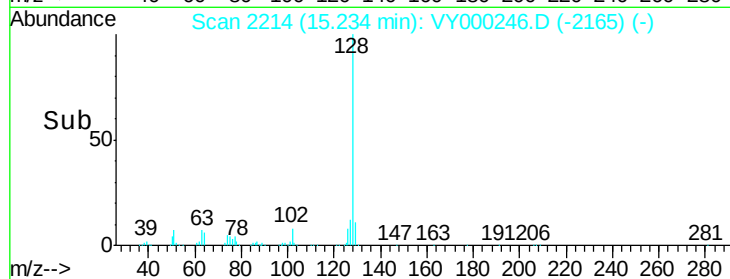
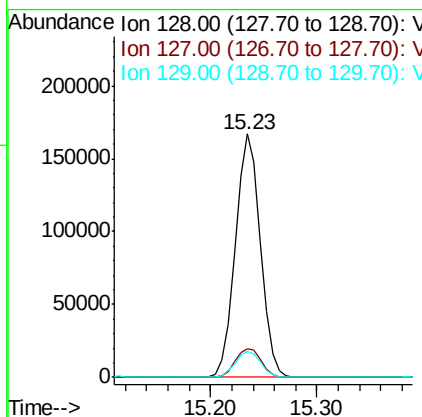
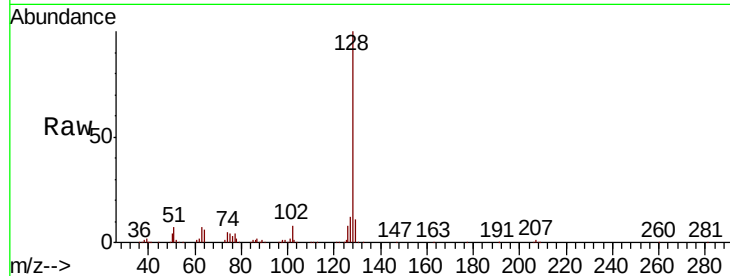
#95
Naphthalene
Concen: 16.033 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tot Ion:	128	Resp:	274320
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.2	15.2
129	11.1	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 16.443 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion:	180	Resp:	71936
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.9	143.7
145	32.1	16.3	48.9

