

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050120\
 Data File : VY002523.D
 Acq On : 01 May 2020 12:53
 Operator : SY/MD
 Sample : VY0501SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Manual Integrations
 APPROVED

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 5/4/2020 2:19:15 PM

Quant Time: May 01 19:27:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 01 17:41:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	405770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	600978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	540096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	282074	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	170830	50.07	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	100.14%	
35) Dibromofluoromethane	7.73	113	170975	49.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.50%	
50) Toluene-d8	10.19	98	675626	50.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.48	95	228798	50.24	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	100.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	51550	16.611	ug/l	95
3) Chloromethane	2.12	50	60839	18.506	ug/l	99
4) Vinyl Chloride	2.26	62	71774	18.908	ug/l	100
5) Bromomethane	2.64	94	49105	18.758	ug/l	93
6) Chloroethane	2.80	64	44748	19.742	ug/l	99
7) Trichlorofluoromethane	3.13	101	116005	19.718	ug/l	94
8) Diethyl Ether	3.54	74	39786	20.124	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	72303	20.108	ug/l	99
10) Methyl Iodide	4.10	142	95214	19.436	ug/l	100
11) Tert butyl alcohol	4.97	59	42386	120.753	ug/l	98
12) 1,1-Dichloroethene	3.88	96	69731	19.963	ug/l	97
13) Acrolein	3.74	56	22977	94.662	ug/l	98
14) Allyl chloride	4.49	41	103568	20.349	ug/l	99
15) Acrylonitrile	5.18	53	99066	106.254	ug/l	99
16) Acetone	3.96	43	83858	119.096	ug/l	97
17) Carbon Disulfide	4.21	76	195723	18.625	ug/l	97
18) Methyl Acetate	4.49	43	48871	20.773	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	188063	20.636	ug/l	98
20) Methylene Chloride	4.73	84	84407	21.437	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	77008	20.170	ug/l	94
22) Diisopropyl ether	6.13	45	216734	21.046	ug/l	98
23) Vinyl Acetate	6.08	43	683196	105.492	ug/l	100
24) 1,1-Dichloroethane	6.04	63	125006	20.519	ug/l	100
25) 2-Butanone	7.00	43	127760	110.845	ug/l	95
26) 2,2-Dichloropropane	6.99	77	119920	20.709	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	85675	20.281	ug/l	97
28) Bromochloromethane	7.35	49	49456	19.813	ug/l	99
29) Tetrahydrofuran	7.36	42	84225	110.448	ug/l	99
30) Chloroform	7.52	83	131523	20.763	ug/l	99
31) Cyclohexane	7.80	56	120679	19.679	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	119627	20.318	ug/l	99
36) 1,1-Dichloropropene	7.93	75	102950	20.434	ug/l	99
37) Ethyl Acetate	7.09	43	57874	22.354	ug/l	99
38) Carbon Tetrachloride	7.91	117	111139	20.206	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri May 01 17:41:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	130600	19.626	ug/l	97
40) Benzene	8.17	78	293678	20.183	ug/l	99
41) Methacrylonitrile	7.34	41	34116m	23.739	ug/l	
42) 1,2-Dichloroethane	8.25	62	83336	20.418	ug/l	98
43) Isopropyl Acetate	8.28	43	104364	21.503	ug/l	99
44) Trichloroethene	8.95	130	91574	20.138	ug/l	97
45) 1,2-Dichloropropane	9.22	63	72084	20.526	ug/l	99
46) Dibromomethane	9.31	93	41932	20.753	ug/l	99
47) Bromodichloromethane	9.50	83	100707	20.498	ug/l	98
48) Methyl methacrylate	9.30	41	46452	21.148	ug/l	100
49) 1,4-Dioxane	9.30	88	12503	467.353	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	277492	110.922	ug/l	100
52) Toluene	10.25	92	190054	20.323	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	106305	20.651	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	121283	20.380	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	61532	20.883	ug/l	98
56) Ethyl methacrylate	10.52	69	83998	21.429	ug/l	99
57) 1,3-Dichloropropane	10.80	76	103706	20.754	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	210062	101.621	ug/l	99
59) 2-Hexanone	10.83	43	191257	111.077	ug/l	99
60) Dibromochloromethane	10.99	129	77043	20.558	ug/l	99
61) 1,2-Dibromoethane	11.09	107	60113	20.604	ug/l	98
64) Tetrachloroethene	10.72	164	98732	20.575	ug/l	99
65) Chlorobenzene	11.52	112	209443	20.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	79584	20.881	ug/l	99
67) Ethyl Benzene	11.60	91	371818	20.616	ug/l	98
68) m/p-Xylenes	11.70	106	285797	40.956	ug/l	99
69) o-Xylene	12.03	106	137222	21.002	ug/l	97
70) Styrene	12.05	104	233041	20.864	ug/l	99
71) Bromoform	12.21	173	50144	21.198	ug/l #	99
73) Isopropylbenzene	12.33	105	371202	20.305	ug/l	100
74) N-amyl acetate	12.14	43	93329	21.223	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	61370	21.109	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	52661m	21.639	ug/l	
77) Bromobenzene	12.61	156	92528	20.259	ug/l	98
78) n-propylbenzene	12.67	91	436248	20.563	ug/l	99
79) 2-Chlorotoluene	12.76	91	239761	20.403	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	307873	20.317	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26260	21.006	ug/l #	94
82) 4-Chlorotoluene	12.86	91	252754	20.476	ug/l	99
83) tert-Butylbenzene	13.08	119	273326	20.571	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	312956	20.722	ug/l	100
85) sec-Butylbenzene	13.25	105	382524	20.747	ug/l	100
86) p-Isopropyltoluene	13.37	119	355193	20.560	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	175710	20.326	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	176808	20.656	ug/l	99
89) n-Butylbenzene	13.70	91	328058	20.860	ug/l	100
90) Hexachloroethane	13.96	117	64352	20.455	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	158721	20.577	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11806	21.784	ug/l	98

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ClientSampleId :
VY0501SBS01

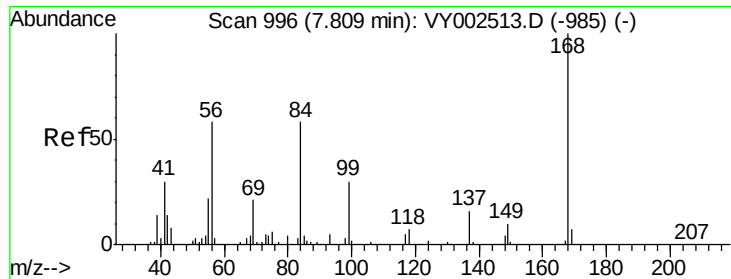
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	117222	20.932	ug/l	99
94) Hexachlorobutadiene	15.11	225	68760	20.455	ug/l	99
95) Naphthalene	15.24	128	219834	21.519	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	100324	21.103	ug/l	100

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



#1

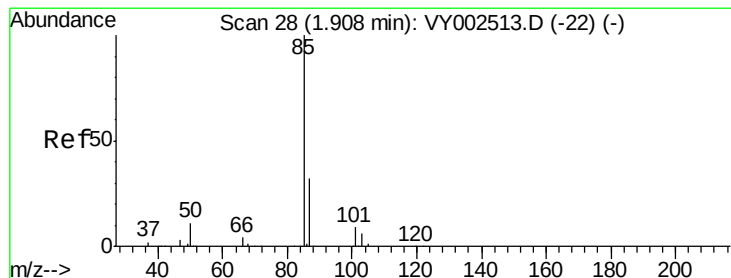
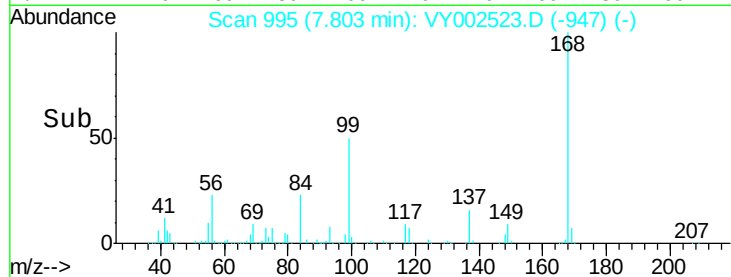
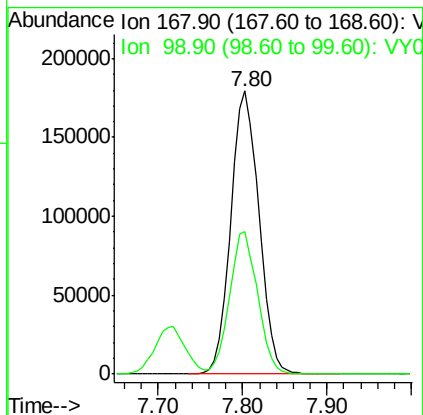
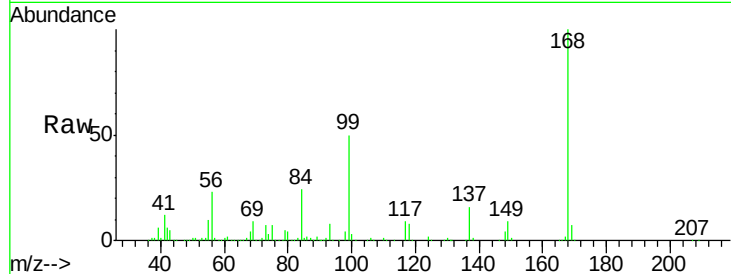
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
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 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.5	39.2	58.8

Manual Integrations
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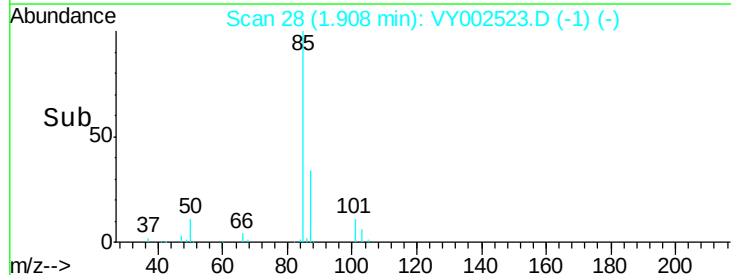
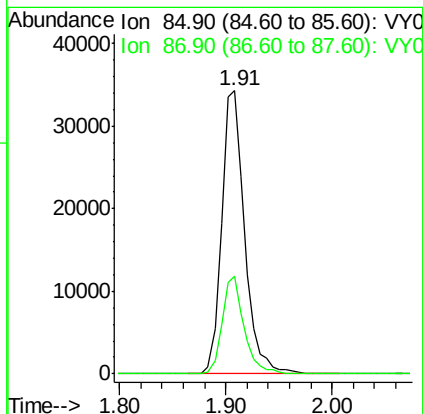
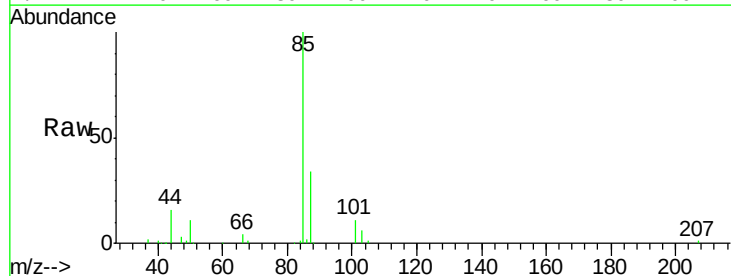
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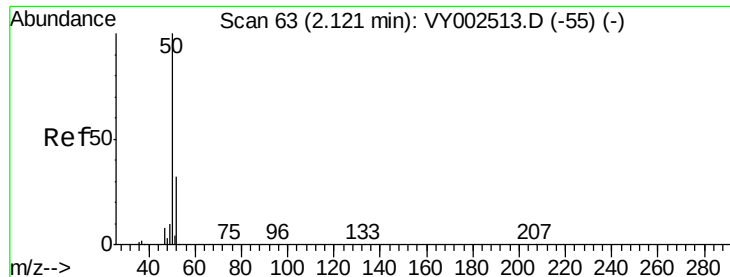


#2

Dichlorodifluoromethane
 Concen: 16.611 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.4	15.8	47.4





#3

Chloromethane

Concen: 18.506 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 50 Resp: 60839

Ion Ratio Lower Upper

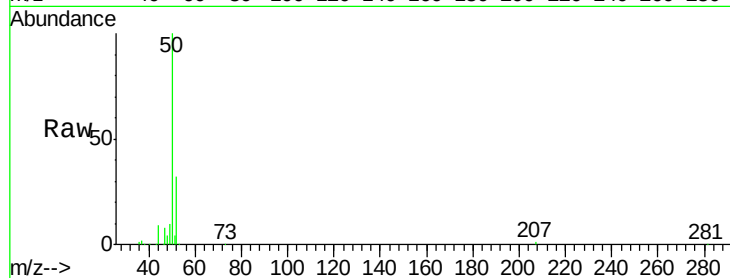
50 100

52 31.6 25.9 38.9

Manual Integrations
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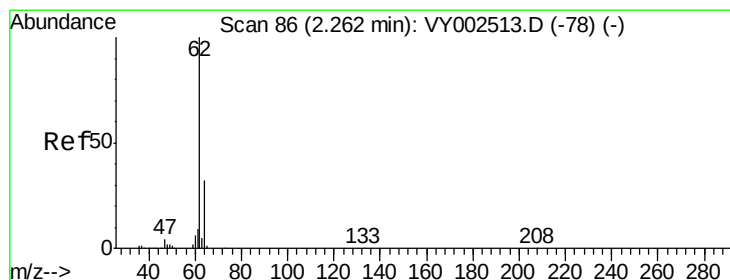
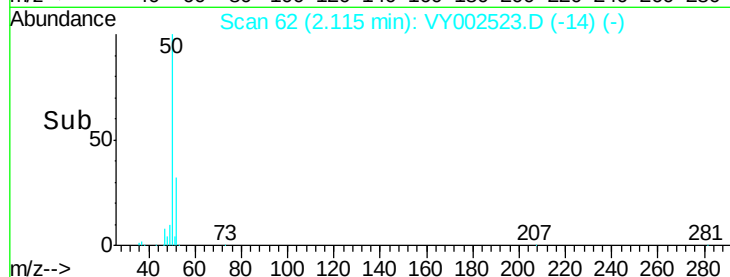
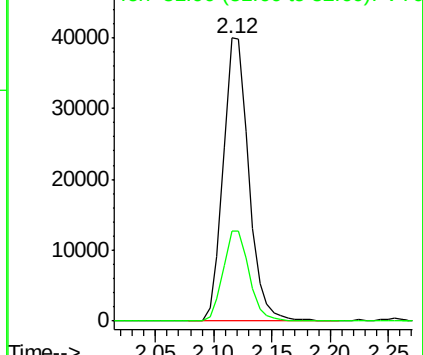
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.908 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002523.D

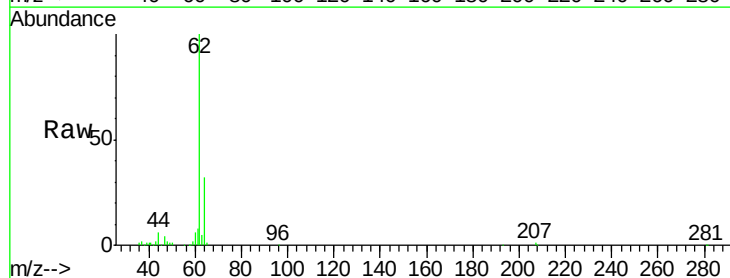
Acq: 01 May 2020 12:53

Tgt Ion: 62 Resp: 71774

Ion Ratio Lower Upper

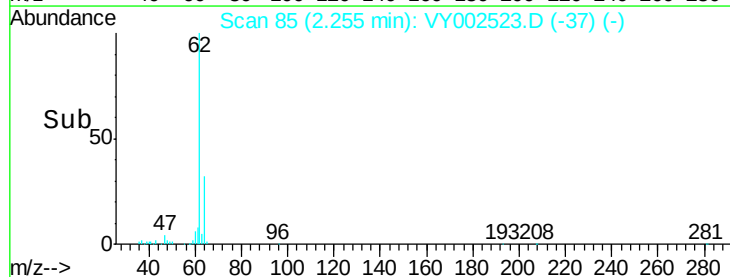
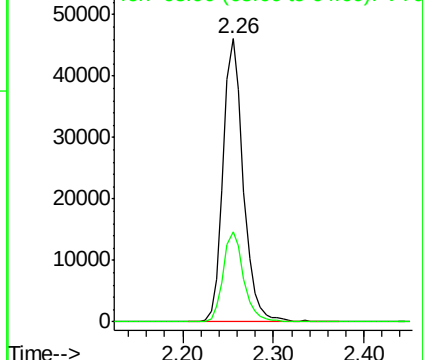
62 100

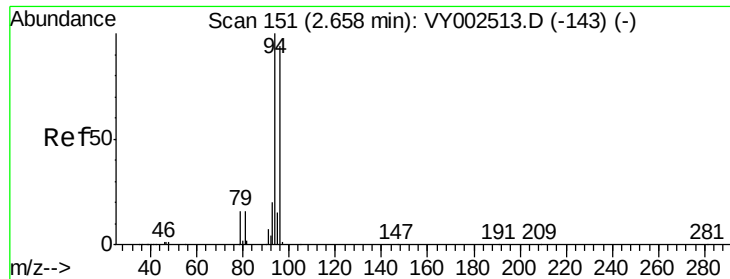
64 31.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.758 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 94 Resp: 49105

Ion Ratio Lower Upper

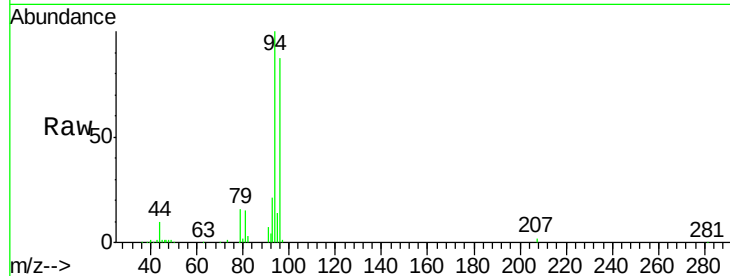
94 100

96 86.9 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

25000

20000

15000

10000

5000

0

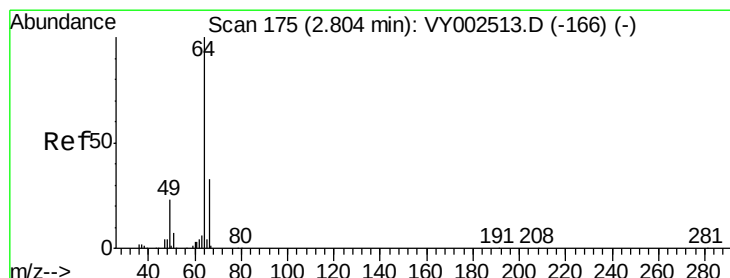
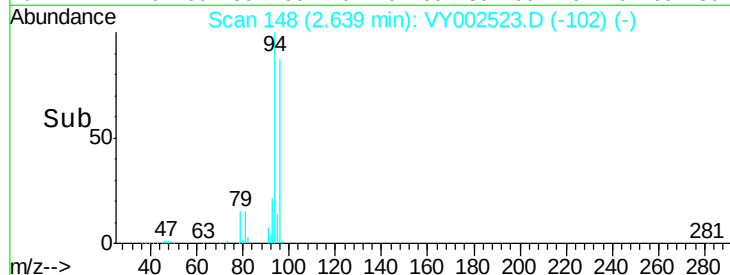
Time-->

2.50

2.60

2.70

2.80



#6

Chloroethane

Concen: 19.742 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002523.D

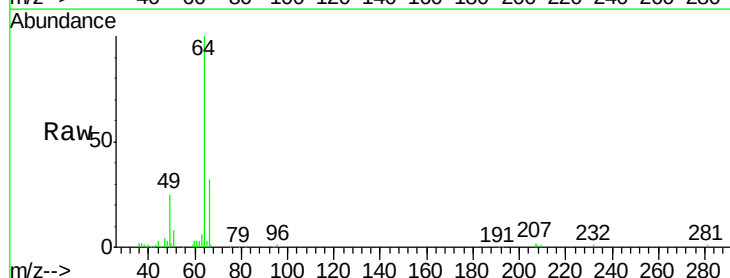
Acq: 01 May 2020 12:53

Tgt Ion: 64 Resp: 44748

Ion Ratio Lower Upper

64 100

66 32.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

20000

15000

10000

5000

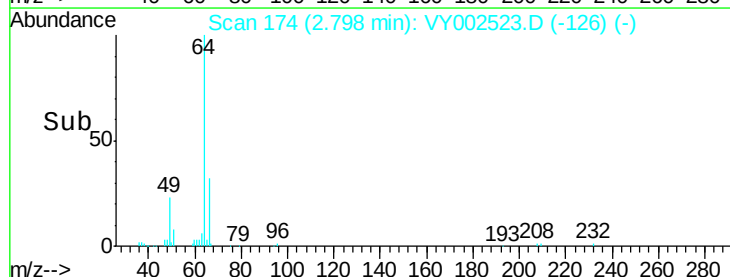
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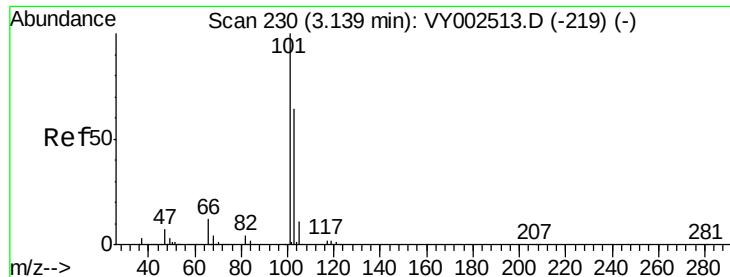
Time-->

2.70

2.80

2.90





#7

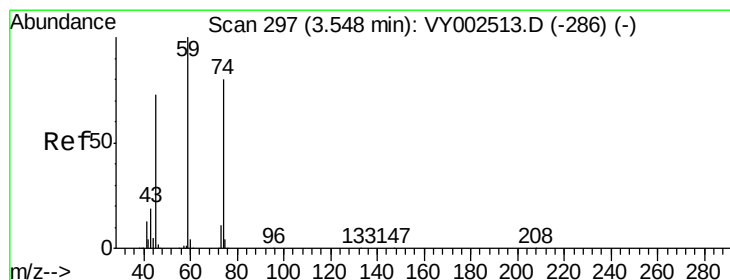
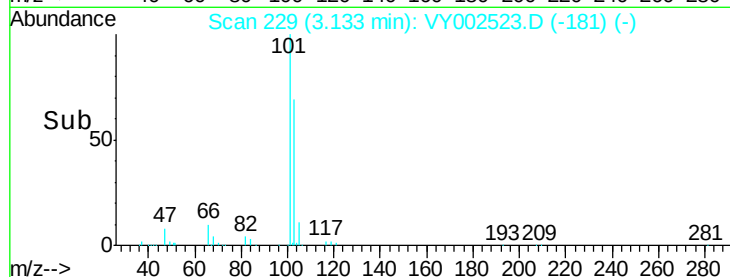
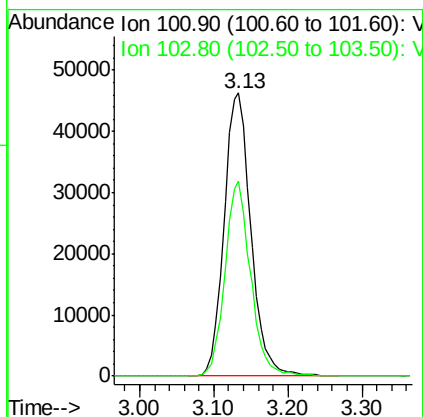
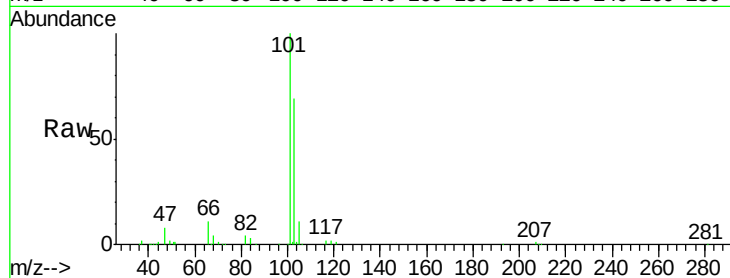
Trichlorofluoromethane
Concen: 19.718 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	116005		
103	68.9	51.4	77.0	

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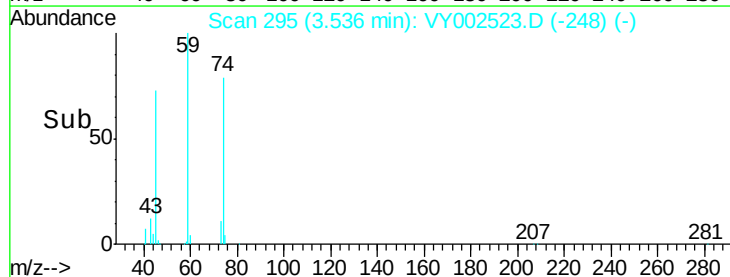
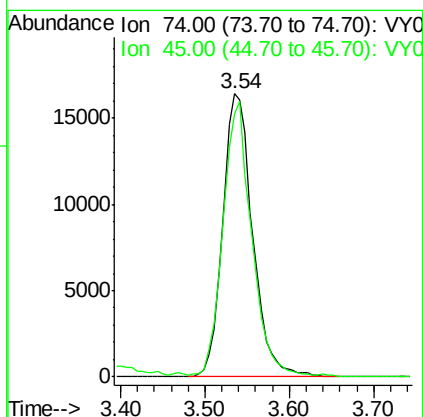
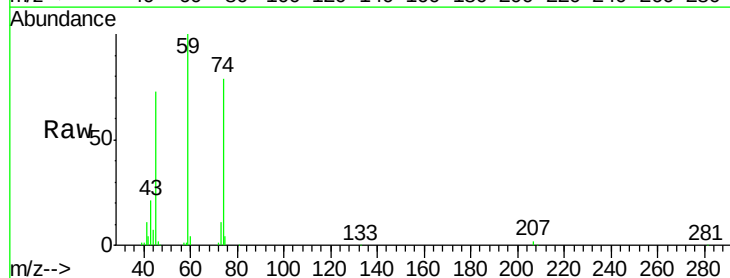
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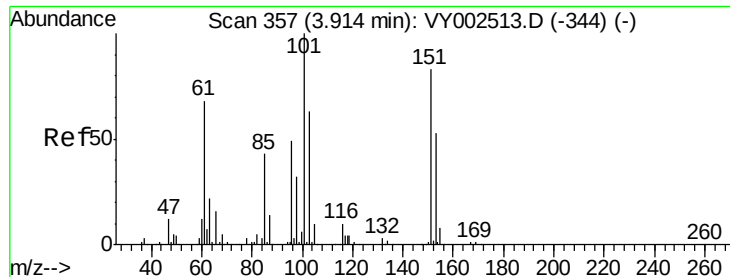


#8

Diethyl Ether
Concen: 20.124 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39786		
45	94.6	46.2	138.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.108 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

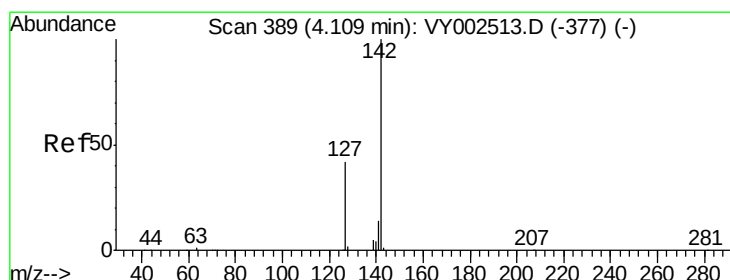
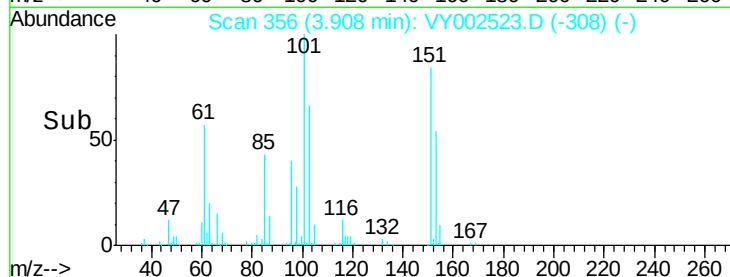
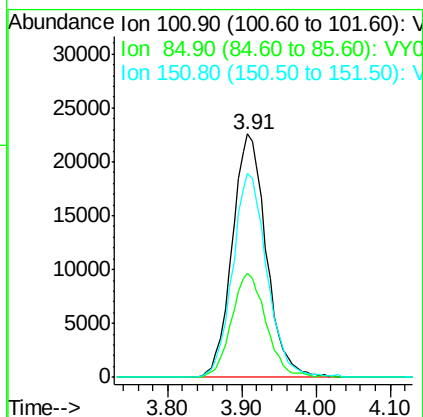
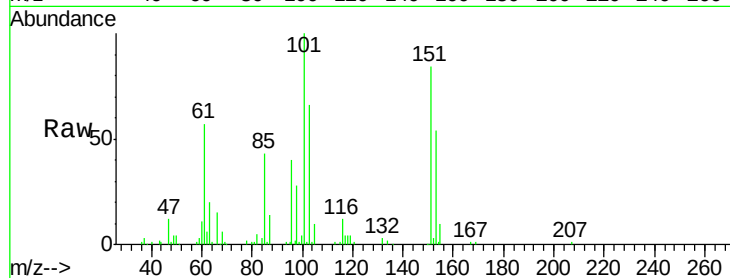
ClientSampleId :

VY0501SBS01

Tot Ion:	101	Resp:	72303
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.4	50.2
151	84.4	66.8	100.2

Manual Integrations
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#10

Methyl Iodide

Concen: 19.436 ug/l

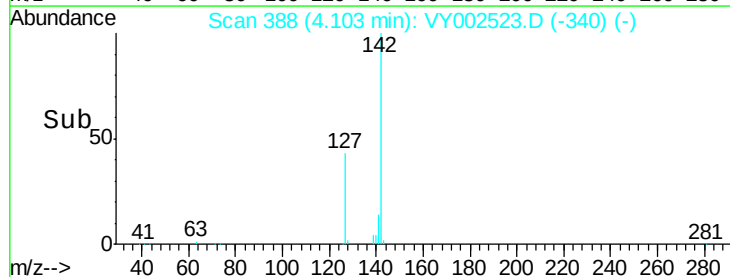
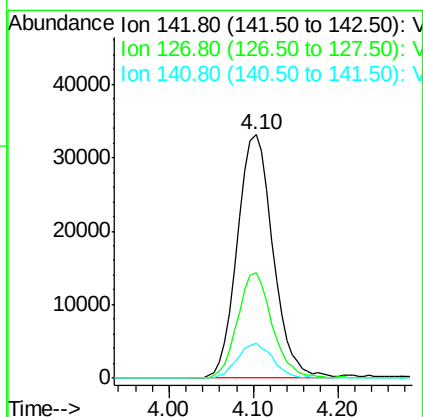
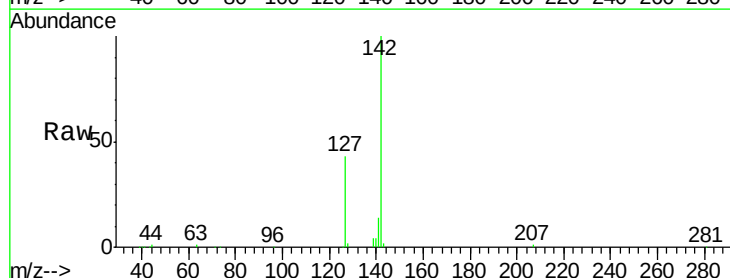
RT: 4.10 min Scan# 388

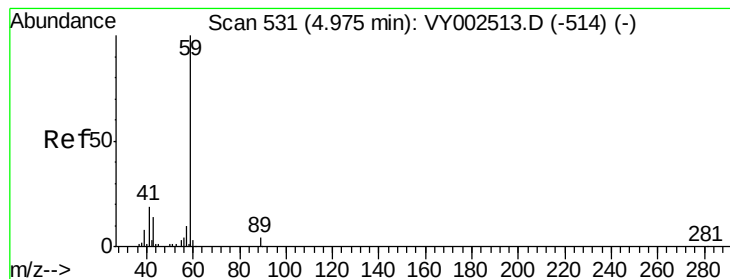
Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Tgt Ion:	142	Resp:	95214
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.7	50.5
141	14.2	11.4	17.0





#11

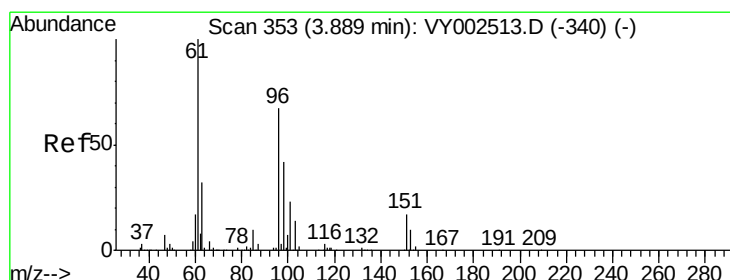
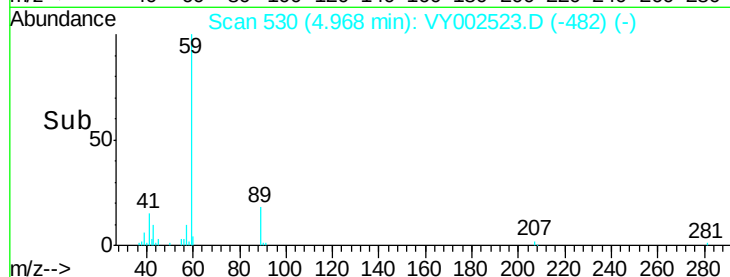
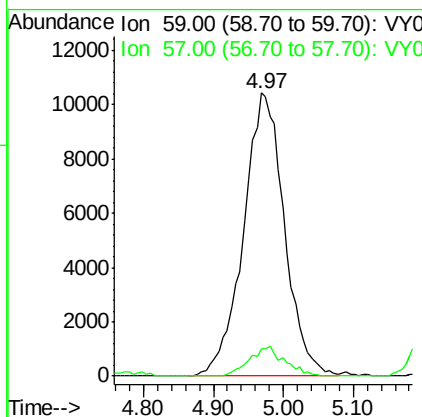
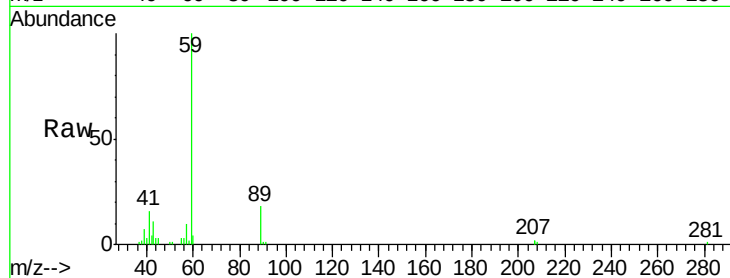
Tert butyl alcohol
 Concen: 120.753 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.8	11.6

Manual Integrations
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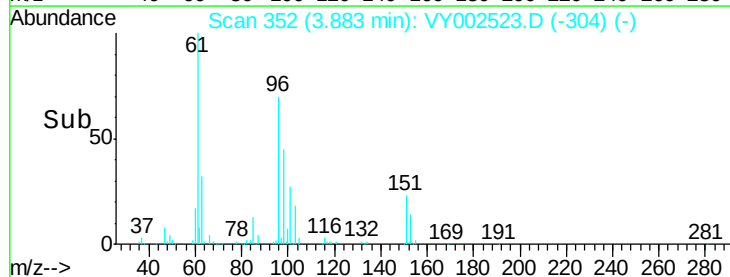
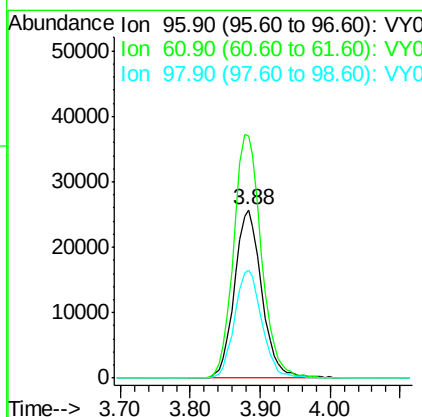
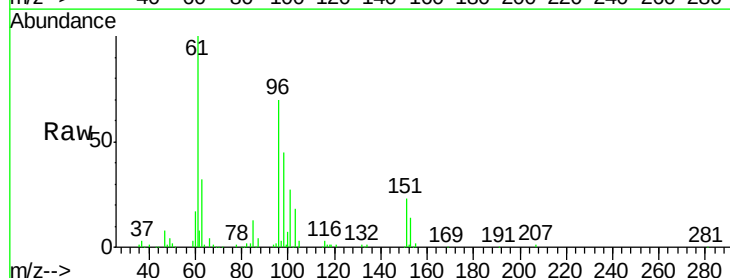
MMDadoda
 5/4/2020 2:19:15 PM

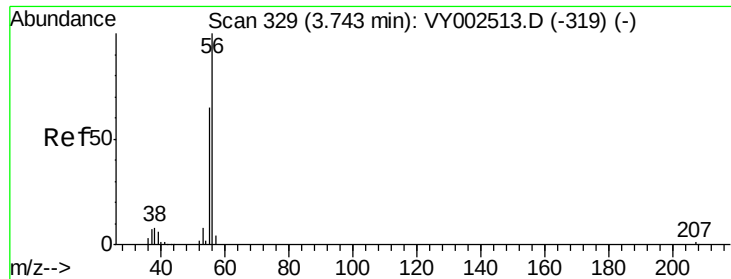


#12

1,1-Dichloroethene
 Concen: 19.963 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.8	118.8	178.2
98	64.1	49.6	74.4





#13

Acrolein

Concen: 94.662 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 56 Resp: 22977

Ion Ratio Lower Upper

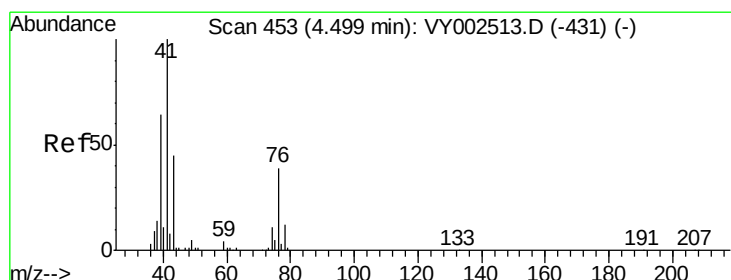
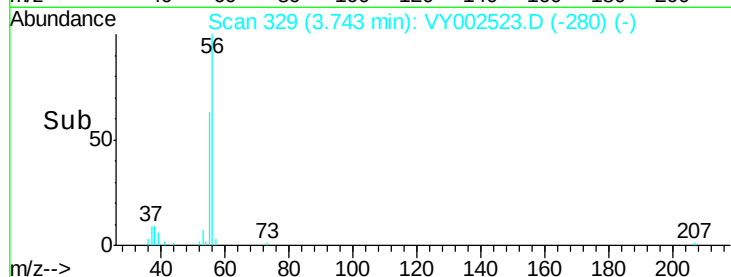
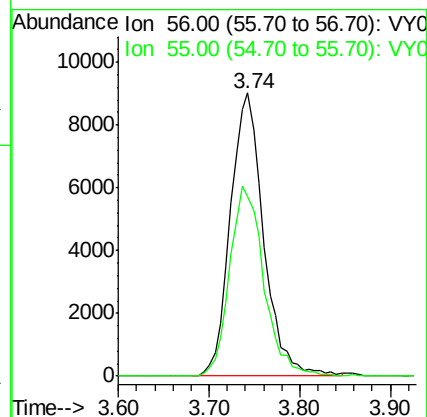
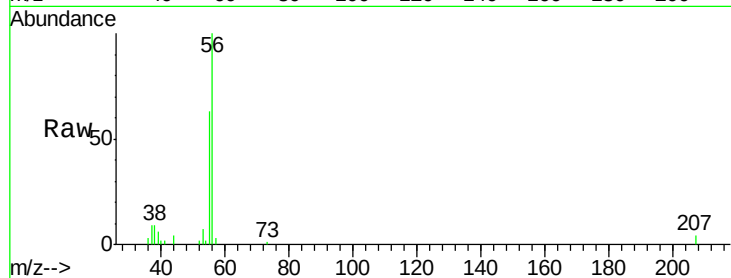
56 100

55 69.0 53.8 80.6

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 20.349 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

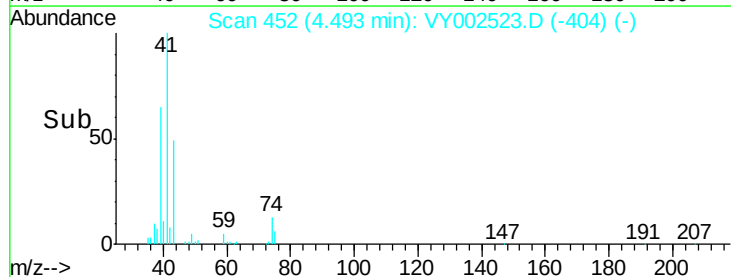
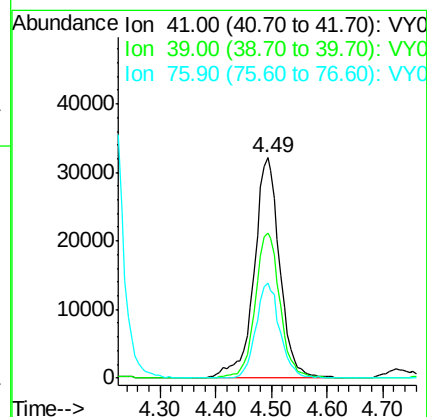
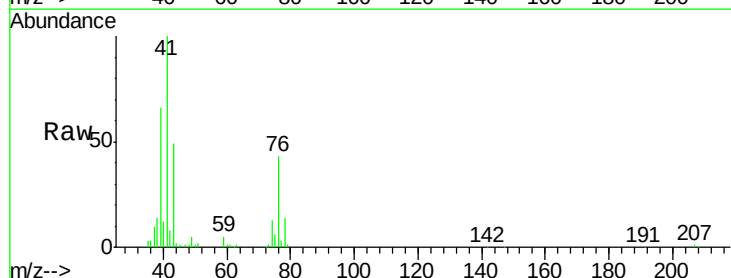
Tgt Ion: 41 Resp: 103568

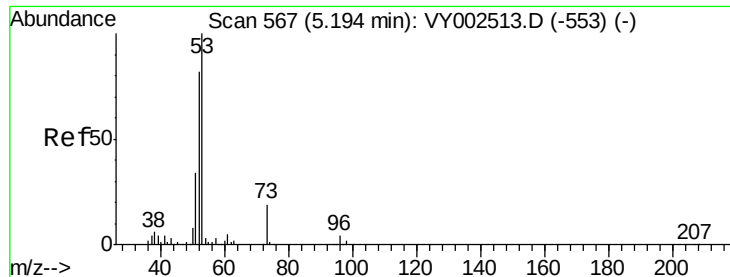
Ion Ratio Lower Upper

41 100

39 63.8 51.8 77.6

76 40.0 31.7 47.5





#15

Acrylonitrile

Concen: 106.254 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

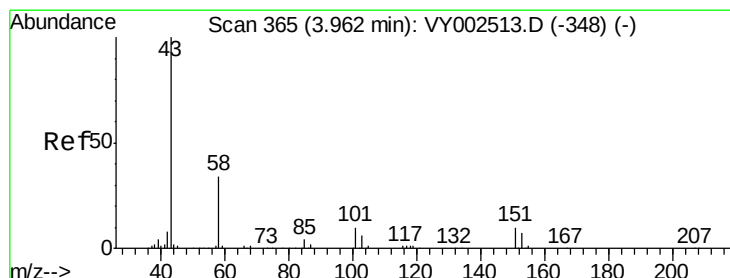
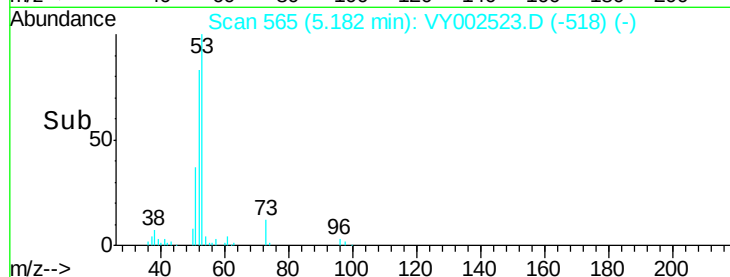
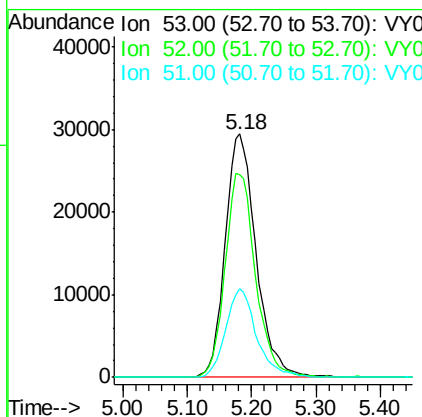
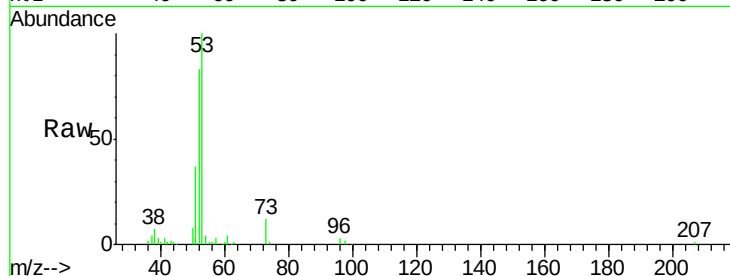
ClientSampleId :

VY0501SBS01

Tot Ion:	53	Resp:	99066
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.4	98.0
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 119.096 ug/l

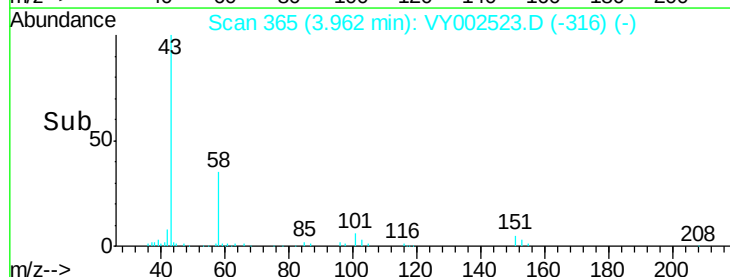
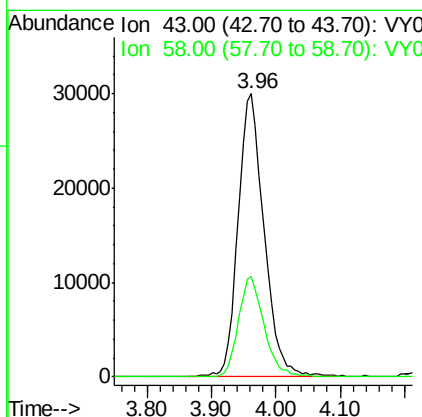
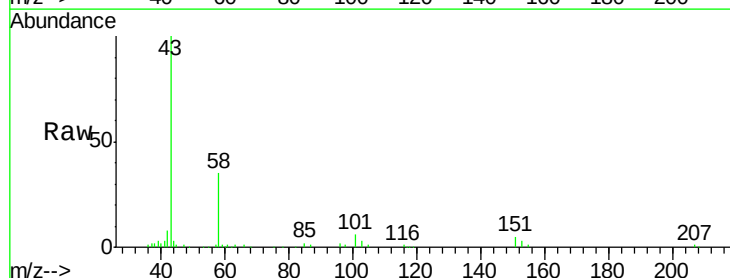
RT: 3.96 min Scan# 365

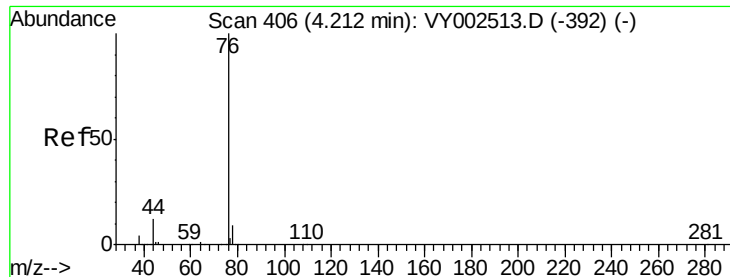
Delta R.T. -0.00 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Tgt Ion:	43	Resp:	83858
Ion Ratio	Lower	Upper	
43	100		
58	35.4	26.9	40.3





#17

Carbon Disulfide

Concen: 18.625 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 76 Resp: 195723

Ion Ratio Lower Upper

76 100

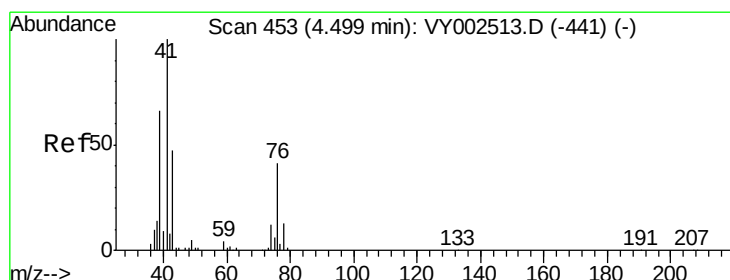
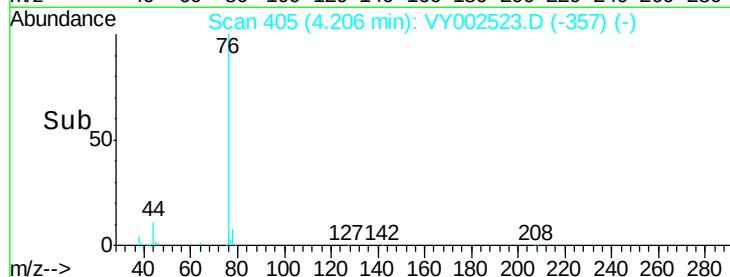
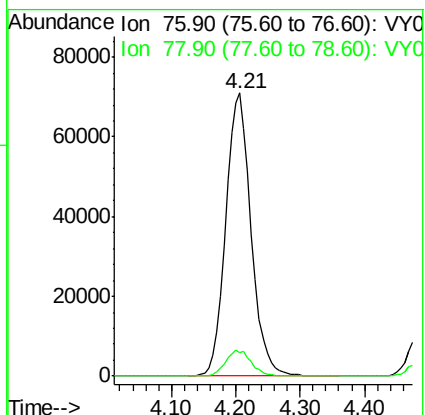
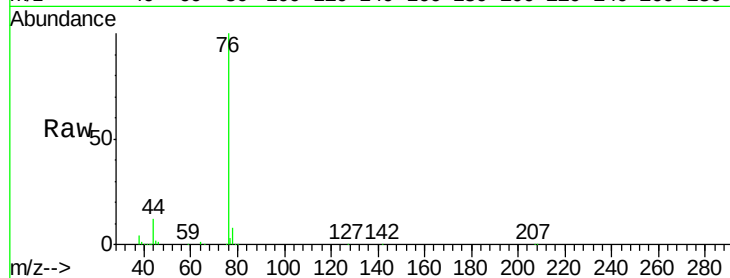
78 8.3 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 20.773 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002523.D

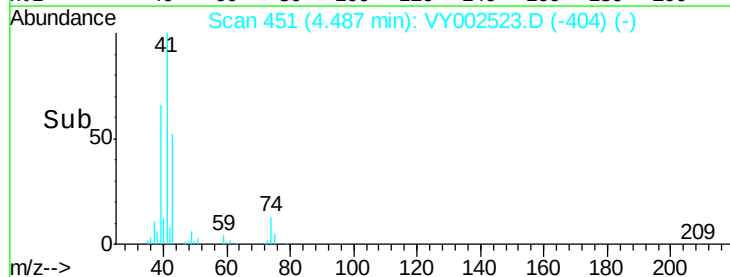
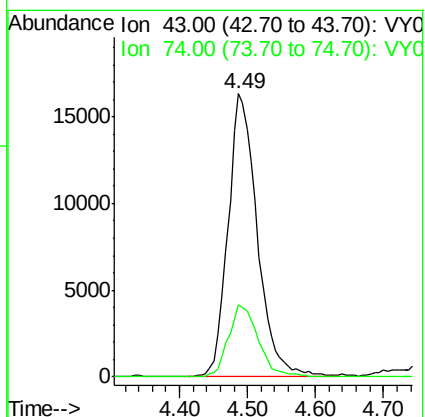
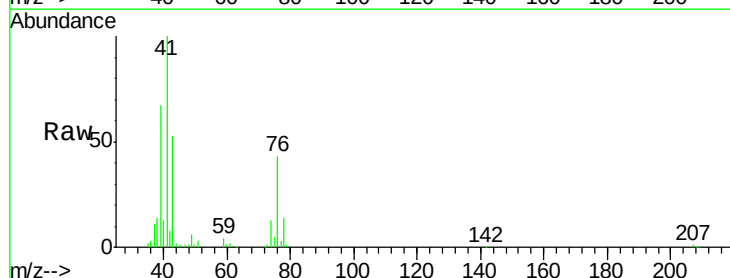
Acq: 01 May 2020 12:53

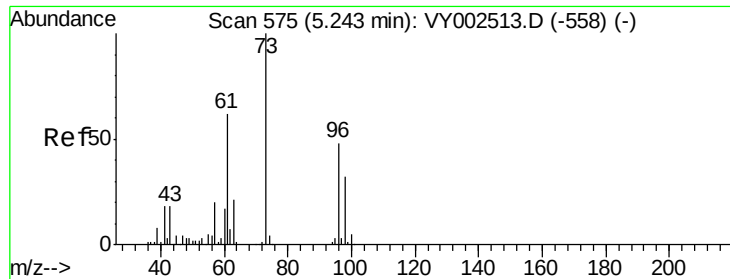
Tgt Ion: 43 Resp: 48871

Ion Ratio Lower Upper

43 100

74 25.8 21.2 31.8





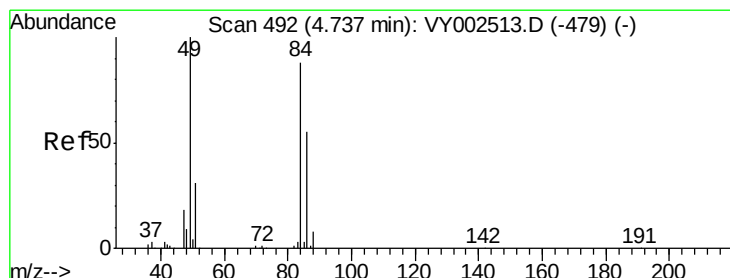
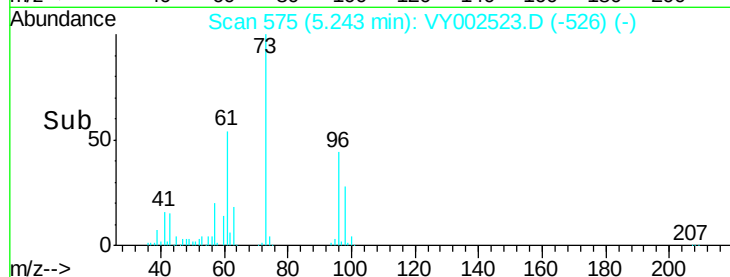
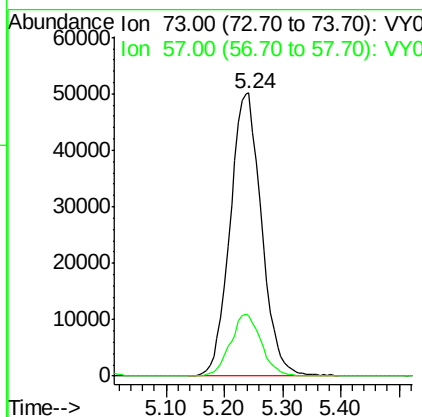
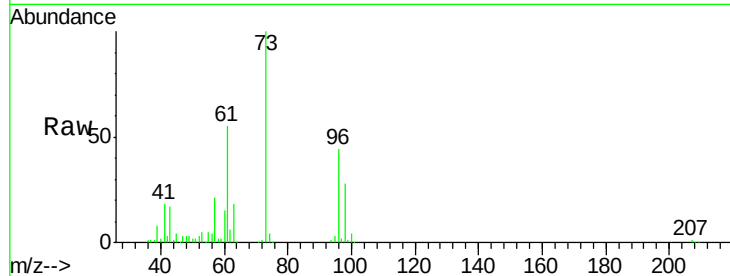
#19
Methyl tert-butyl Ether
Concen: 20.636 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion: 73 Resp: 188063
Ion Ratio Lower Upper
73 100
57 21.3 16.3 24.5

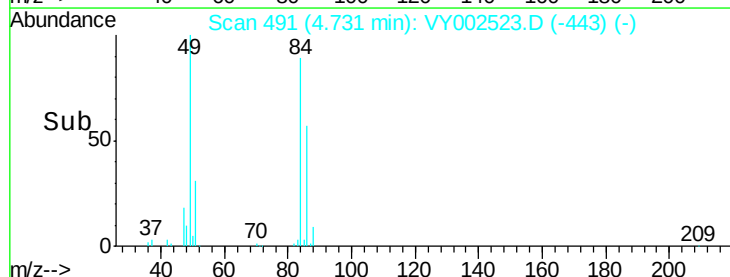
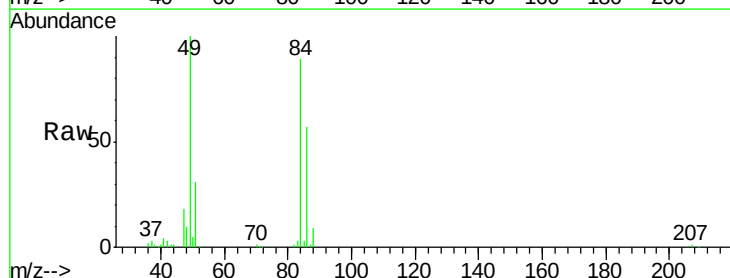
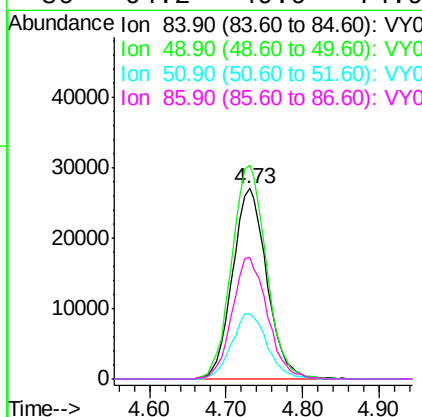
Manual Integrations
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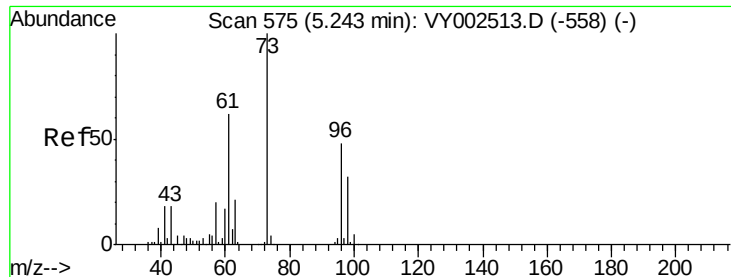
MMDadoda
5/4/2020 2:19:15 PM



#20
Methylene Chloride
Concen: 21.437 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion: 84 Resp: 84407
Ion Ratio Lower Upper
84 100
49 112.3 90.5 135.7
51 34.5 28.3 42.5
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.170 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 96 Resp: 77008

Ion Ratio Lower Upper

96 100

61 120.0 102.0 153.0

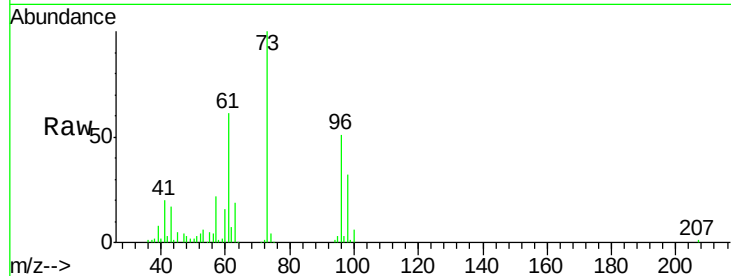
98 63.0 53.0 79.4

Manual Integrations

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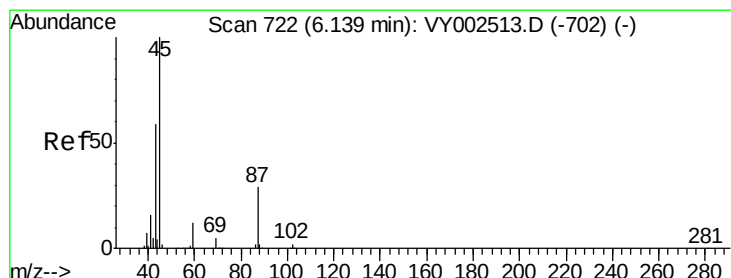
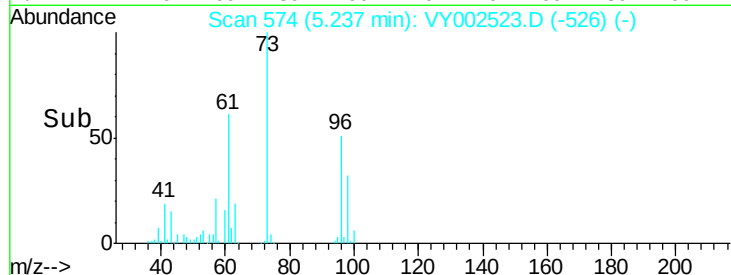
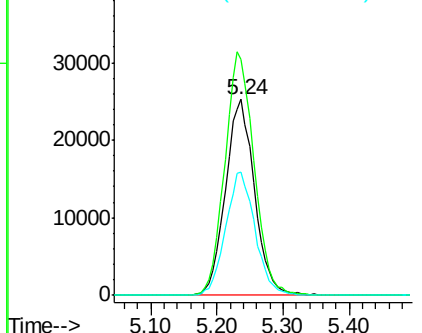


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.046 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Tgt Ion: 45 Resp: 216734

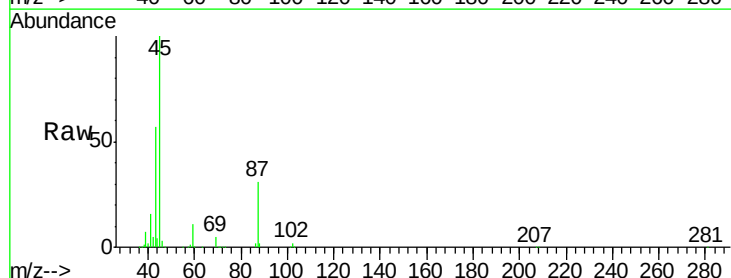
Ion Ratio Lower Upper

45 100

43 57.0 47.4 71.0

87 30.5 24.0 36.0

59 11.3 9.8 14.8



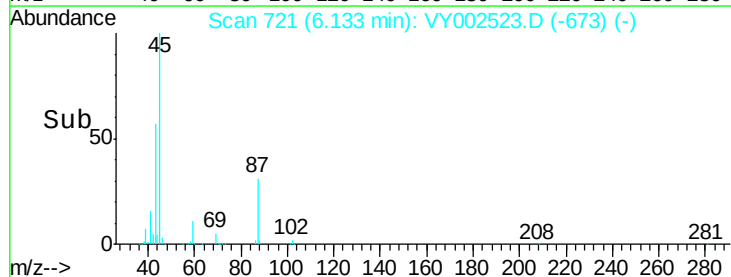
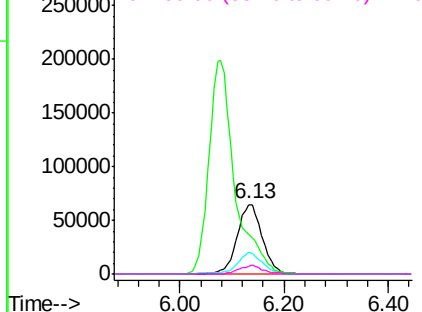
Abundance

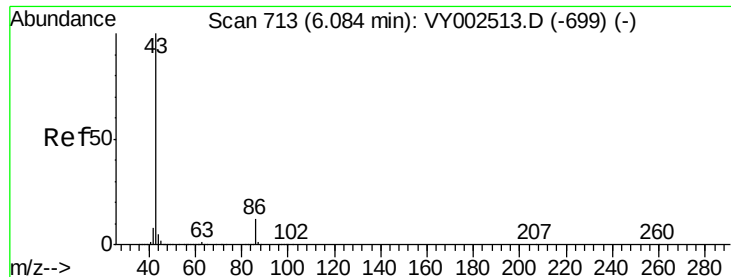
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 105.492 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 43 Resp: 683196

Ion Ratio Lower Upper

43 100

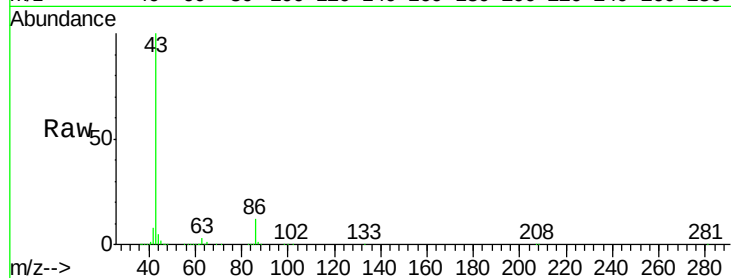
86 12.1 9.8 14.6

Manual Integrations

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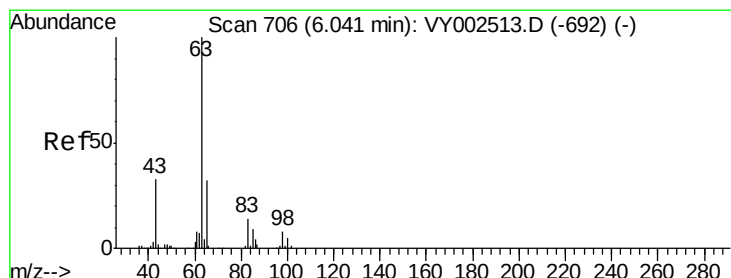
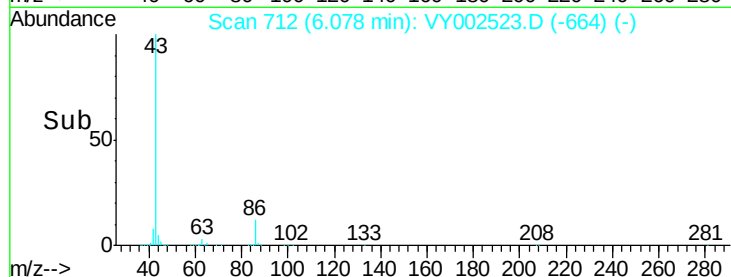
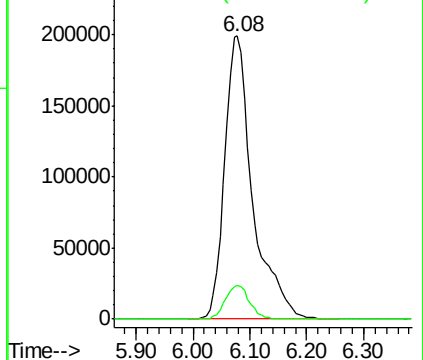
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.519 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

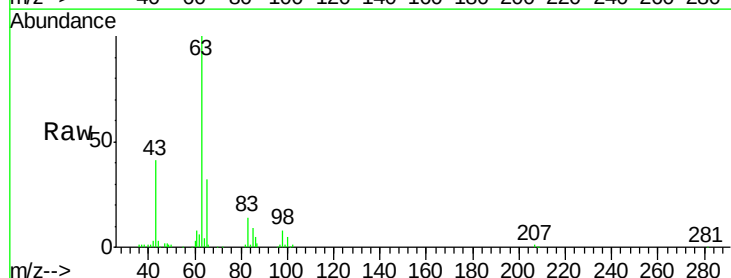
Tgt Ion: 63 Resp: 125006

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

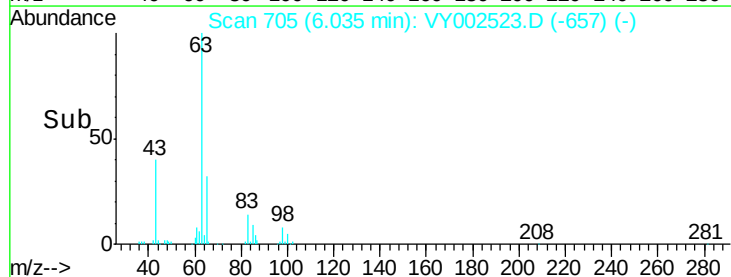
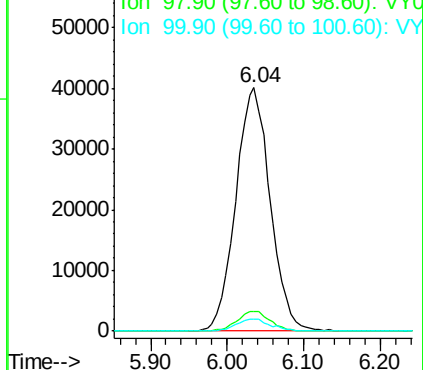
100 4.8 2.4 7.2

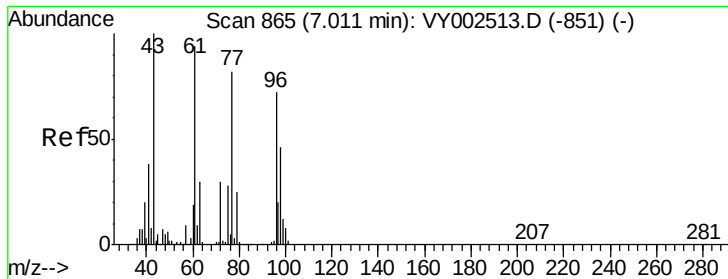


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





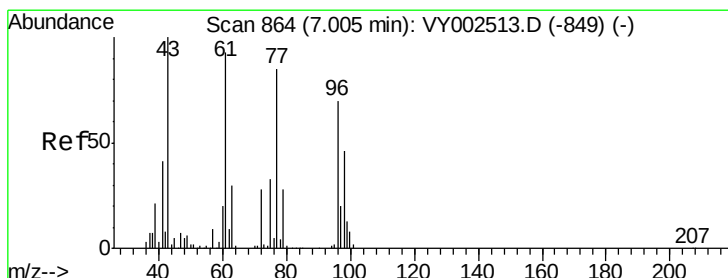
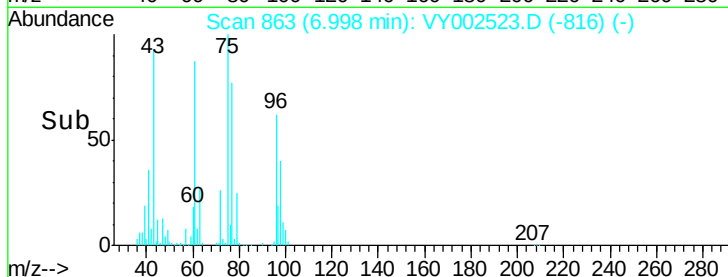
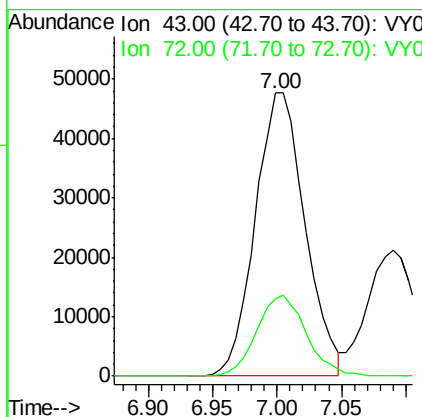
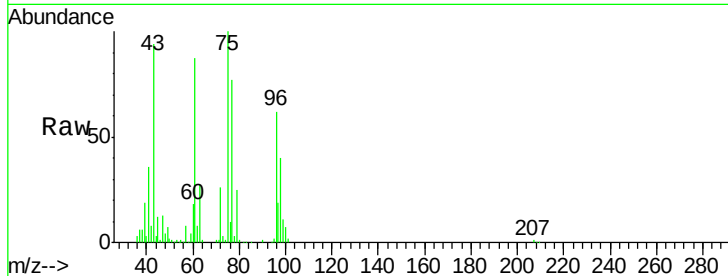
#25
2-Butanone
Concen: 110.845 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion: 43 Resp: 127760
Ion Ratio Lower Upper
43 100
72 27.4 24.1 36.1

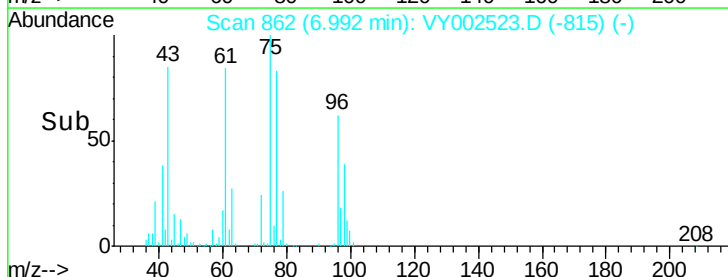
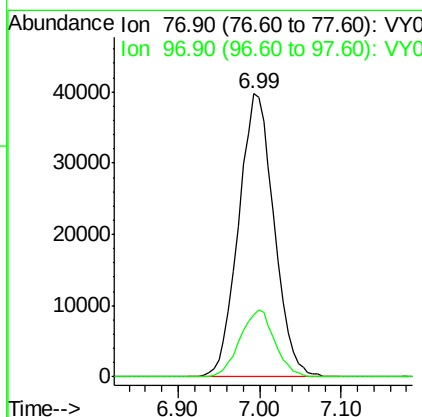
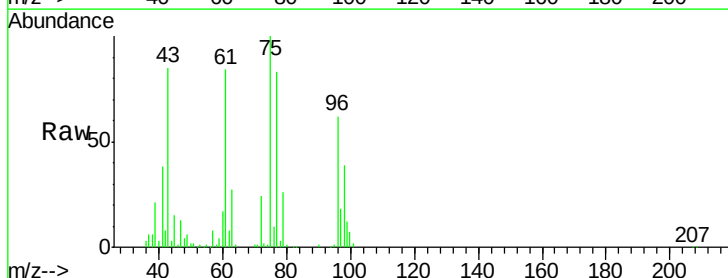
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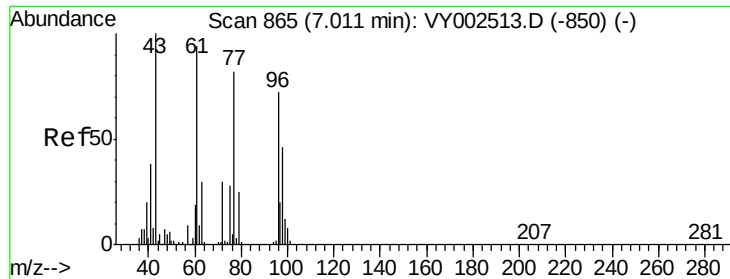
MMDadoda
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#26
2,2-Dichloropropane
Concen: 20.709 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion: 77 Resp: 119920
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5





#27

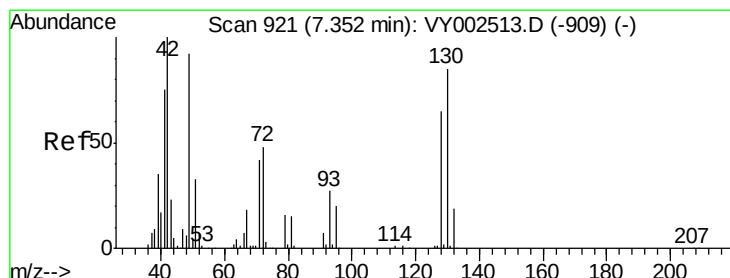
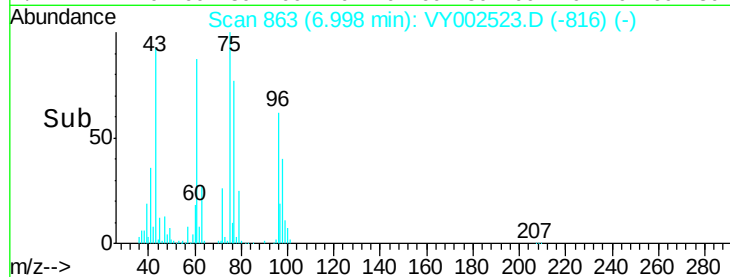
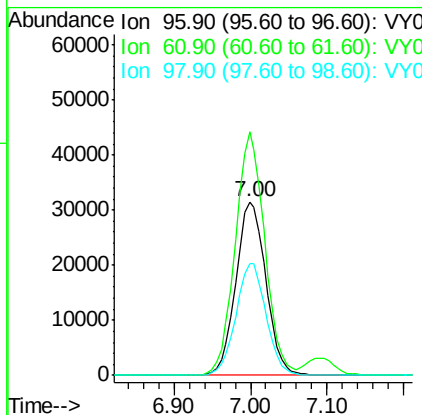
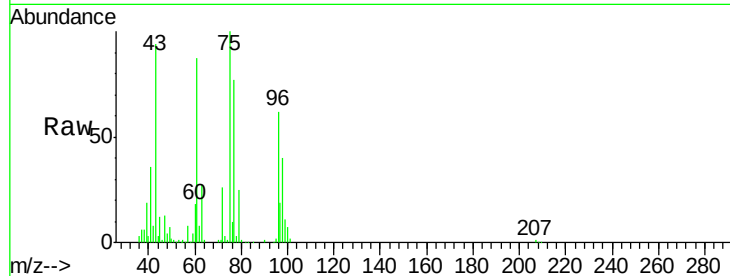
cis-1,2-Dichloroethene
 Concen: 20.281 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.6	0.0	266.6	
98	64.9	0.0	129.2	

Manual Integrations
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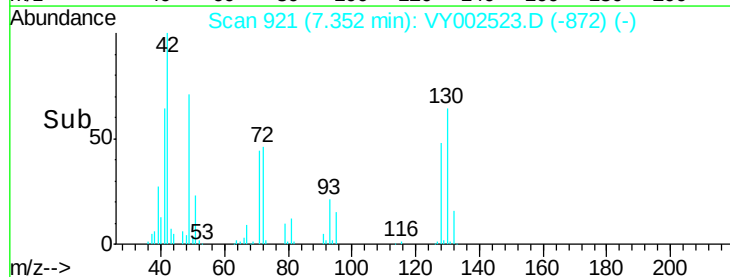
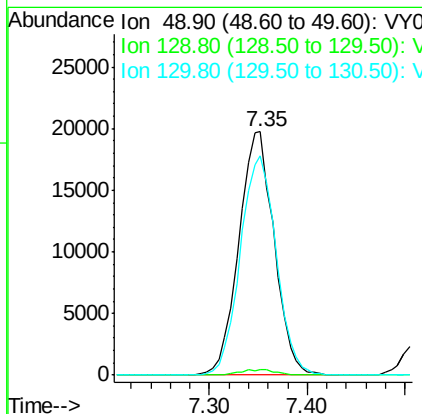
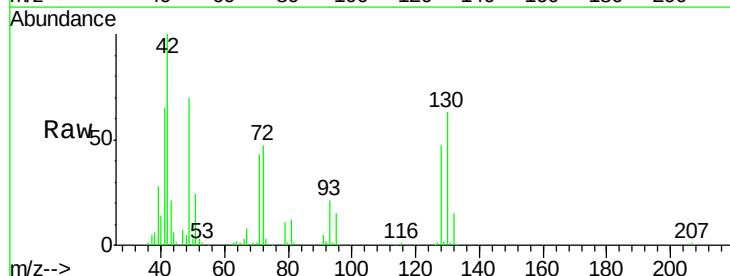
MMDadoda
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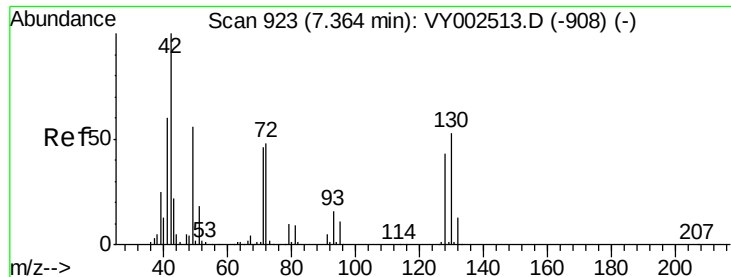


#28

Bromochloromethane
 Concen: 19.813 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.8	
130	91.6	72.5	108.7	





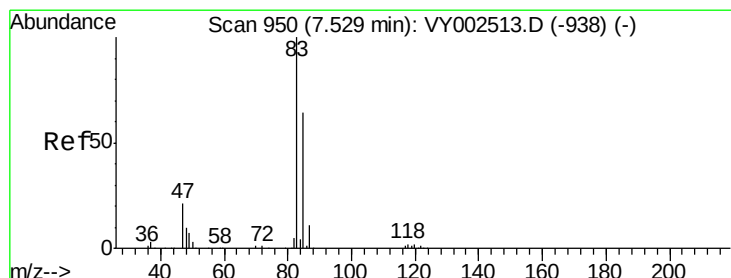
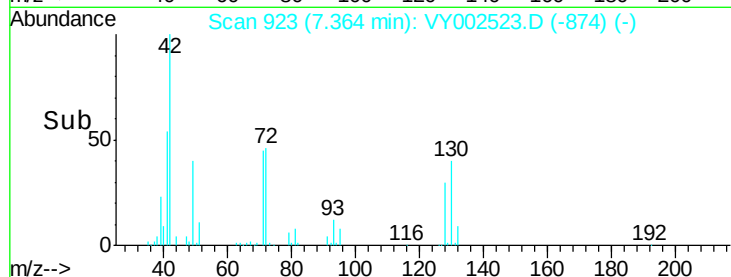
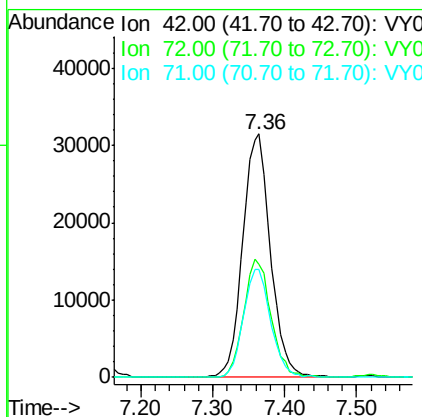
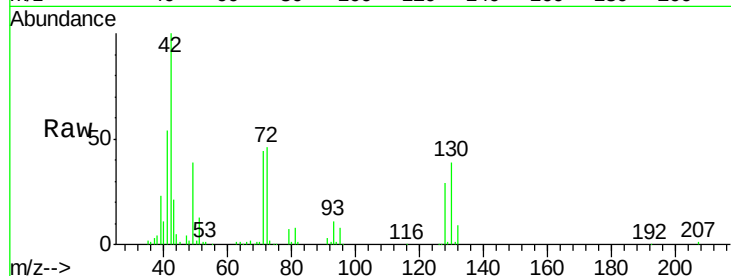
#29
Tetrahydrofuran
Concen: 110.448 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.4	56.2
71	43.6	35.0	52.4

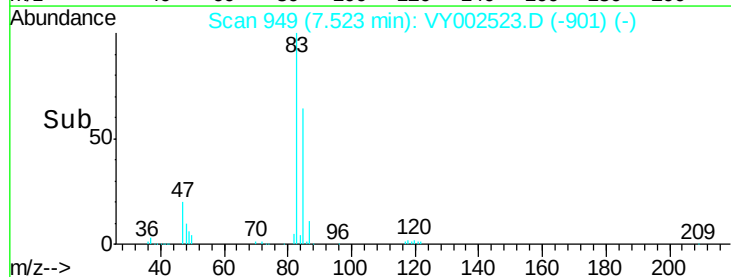
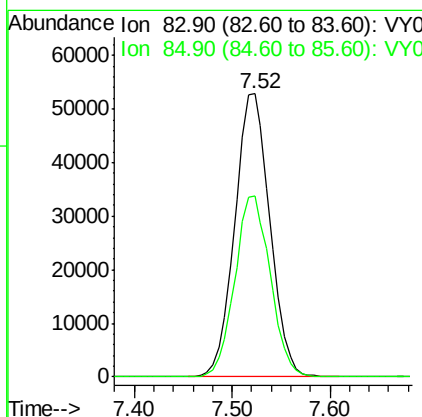
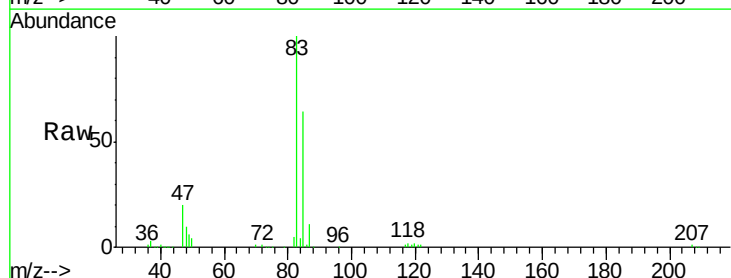
Manual Integrations
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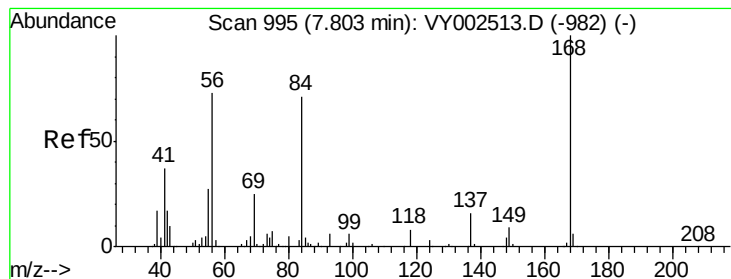
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#30
Chloroform
Concen: 20.763 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.5	77.3





#31

Cyclohexane

Concen: 19.679 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

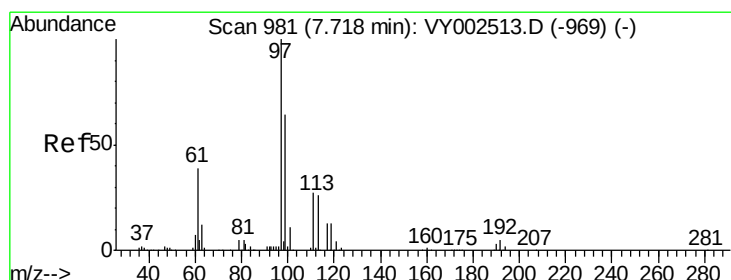
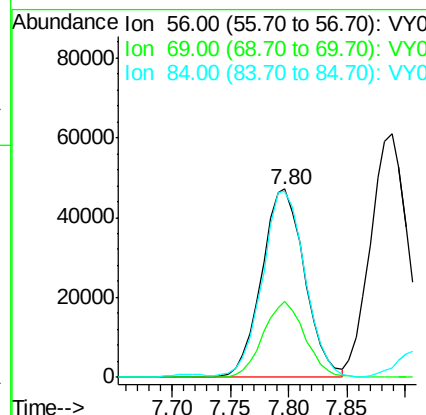
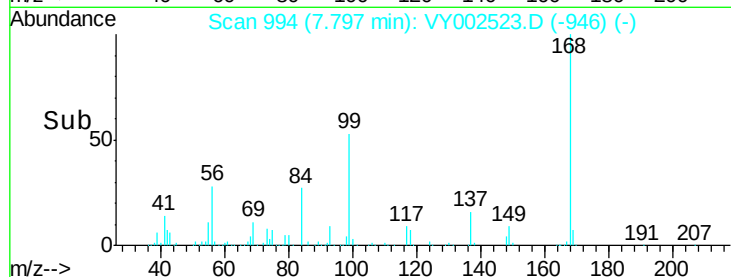
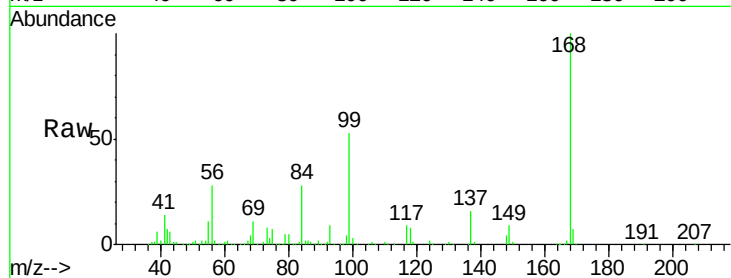
ClientSampleId :

VY0501SBS01

Tot Ion:	56	Resp:	120679
Ion	Ratio	Lower	Upper
56	100		
69	40.3	27.6	41.4
84	97.7	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.318 ug/l

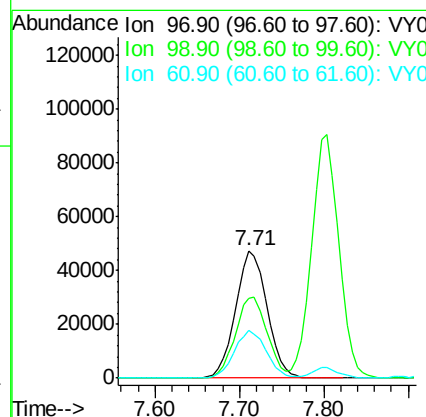
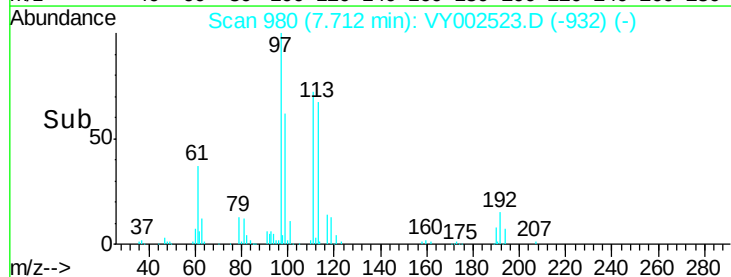
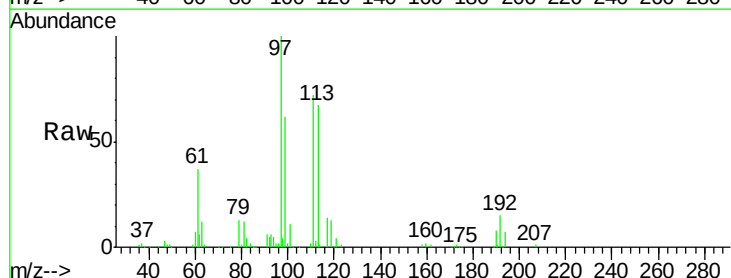
RT: 7.71 min Scan# 980

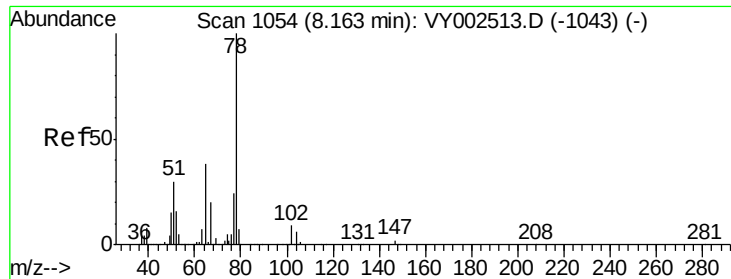
Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Tgt Ion:	97	Resp:	119627
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.9	77.9
61	38.3	31.0	46.6





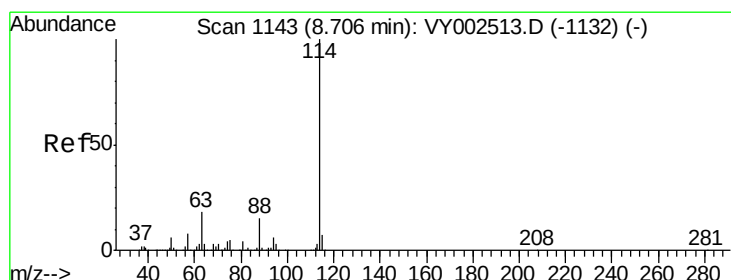
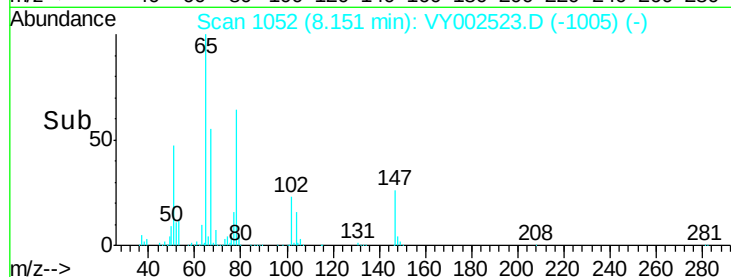
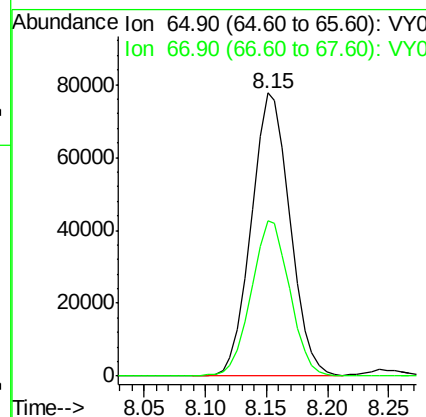
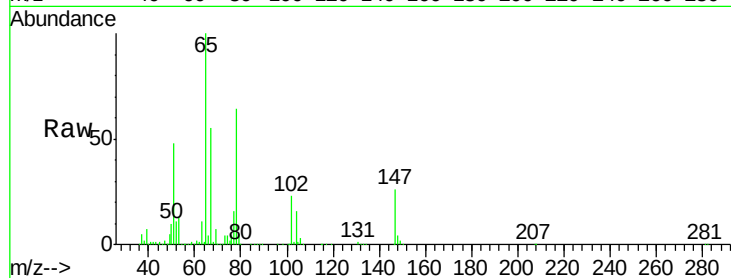
#33
 1,2-Dichloroethane-d4
 Concen: 50.071 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.6	0.0	107.2	

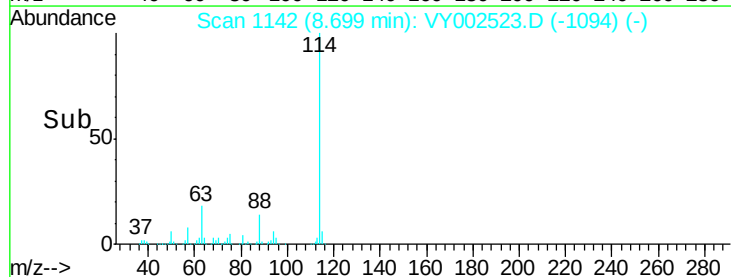
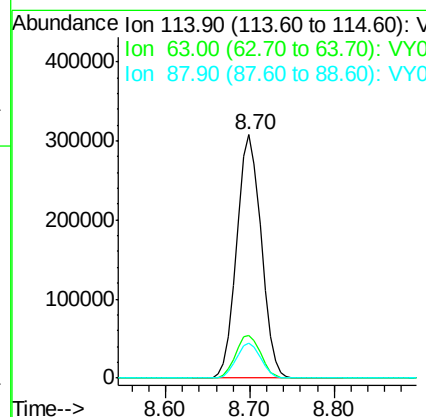
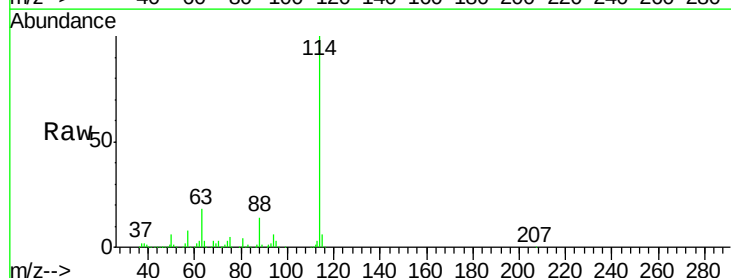
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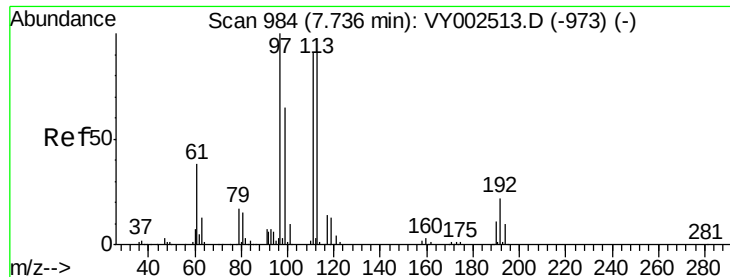
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.6	0.0	36.4	
88	14.3	0.0	29.6	





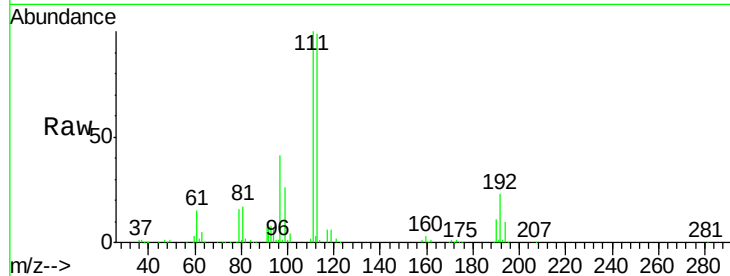
#35
Dibromofluoromethane
Concen: 49.745 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

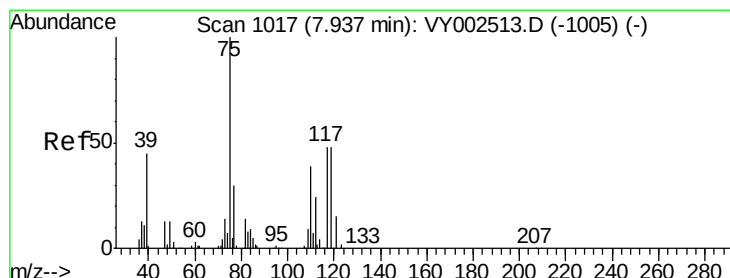
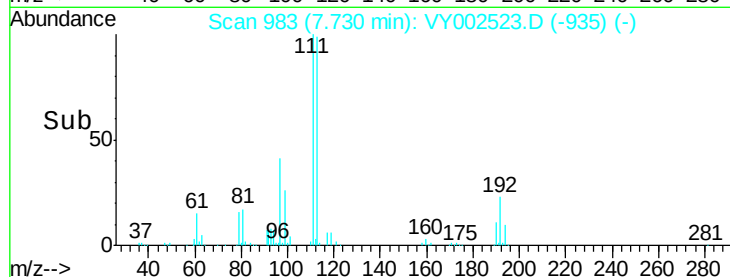
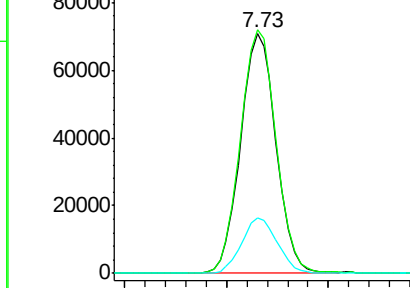
Tot Ion	Ratio	Resp	Lower	Upper
113	100	170975		
111	102.6	81.8	122.6	
192	23.1	18.2	27.4	

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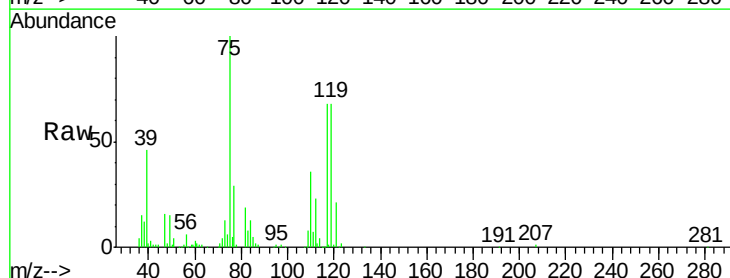


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

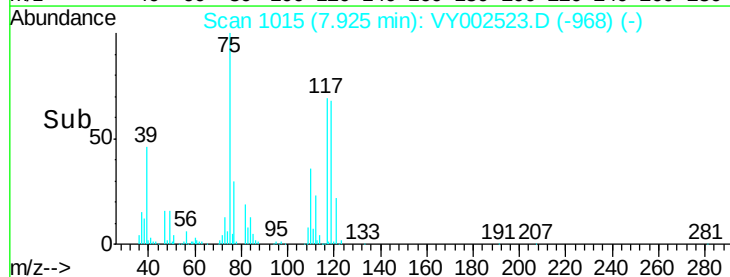
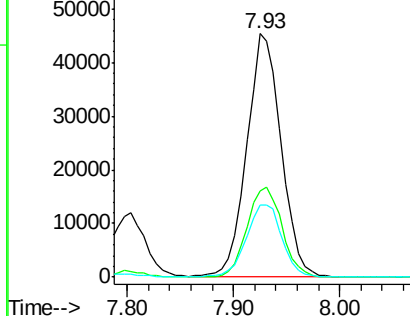


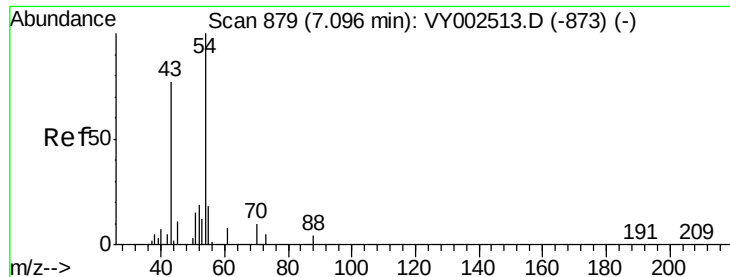
#36
1,1-Dichloropropene
Concen: 20.434 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	102950		
110	37.5	19.1	57.3	
77	31.0	24.6	37.0	



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0





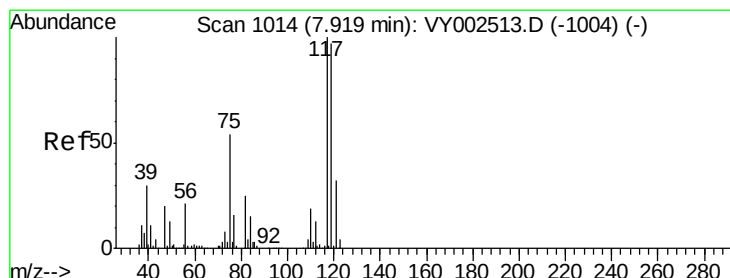
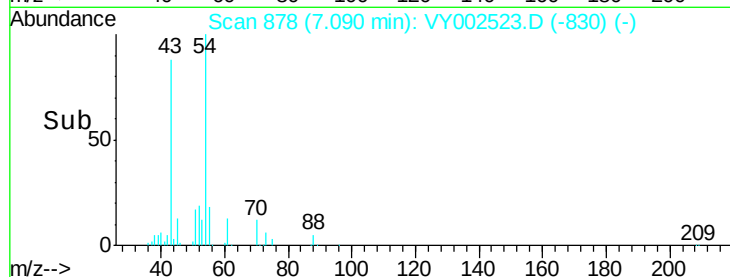
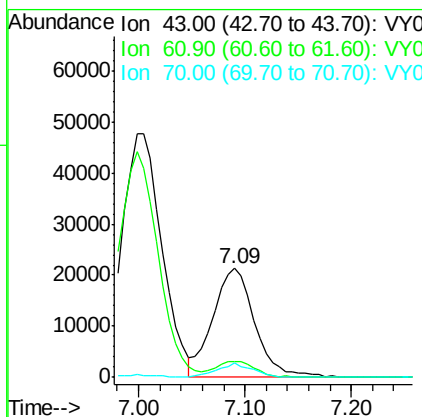
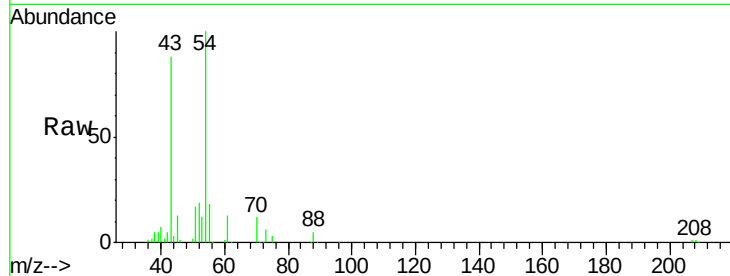
#37
Ethyl Acetate
Concen: 22.354 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.6	17.4
70	11.2	9.0	13.6

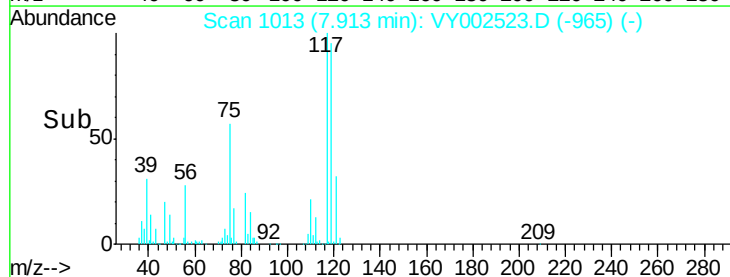
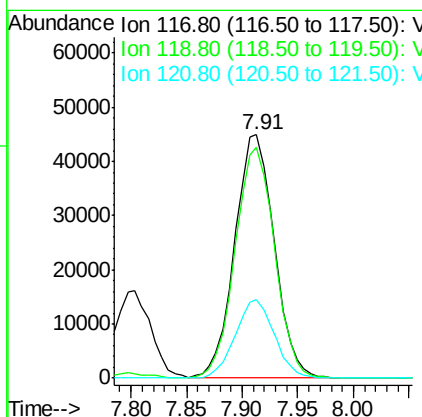
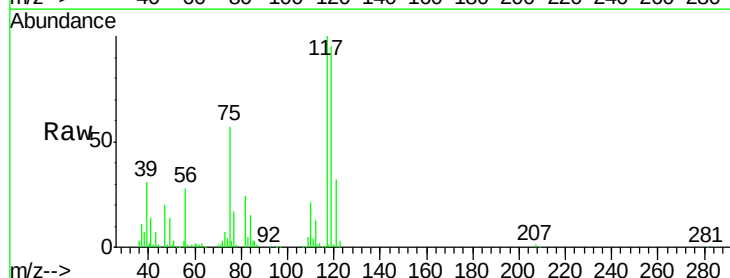
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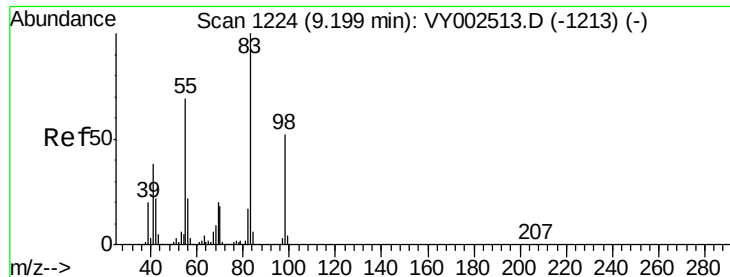
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#38
Carbon Tetrachloride
Concen: 20.206 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.1	115.7
121	32.1	25.2	37.8





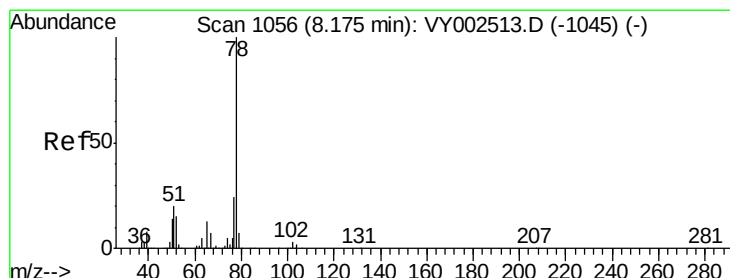
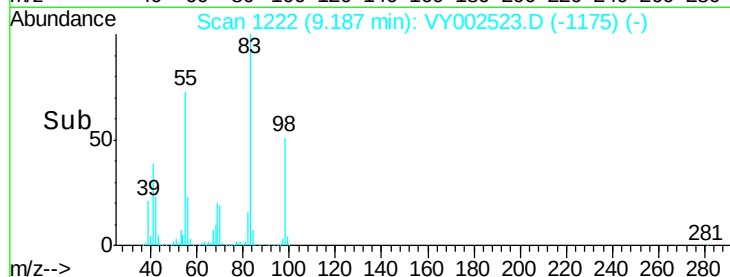
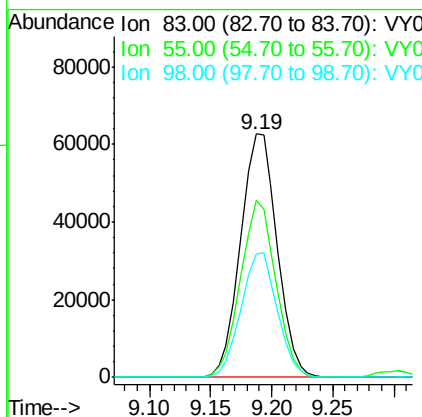
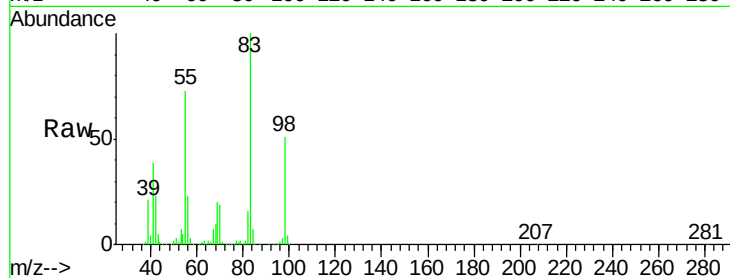
#39
Methylvlcyclohexane
Concen: 19.626 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	55.4	83.0
98	50.9	41.3	61.9

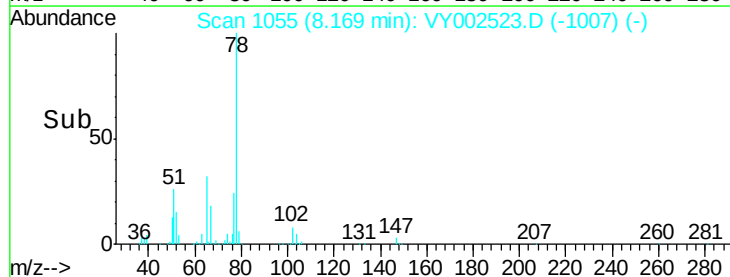
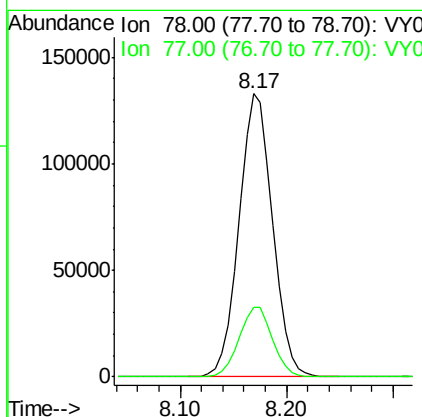
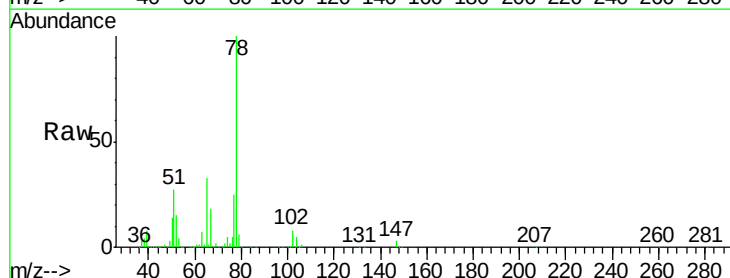
Manual Integrations
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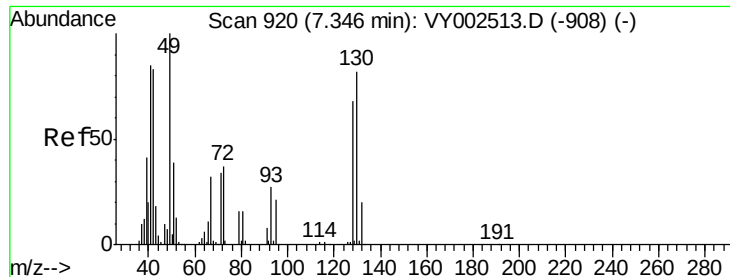
MMDadoda
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#40
Benzene
Concen: 20.183 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8





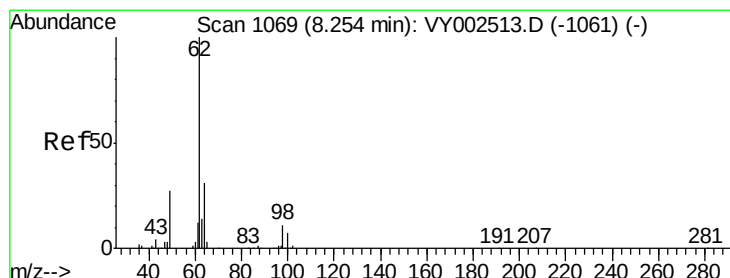
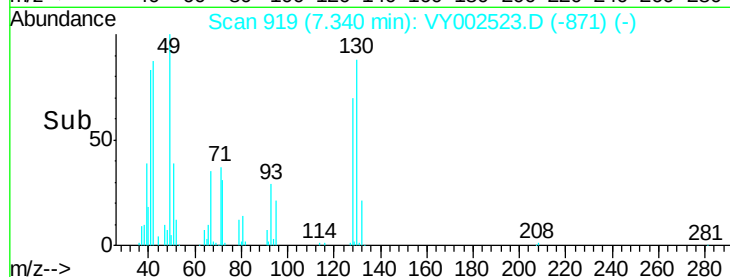
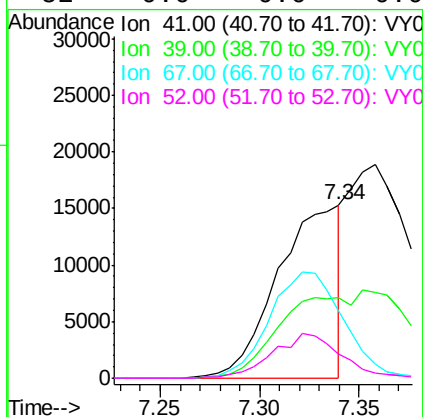
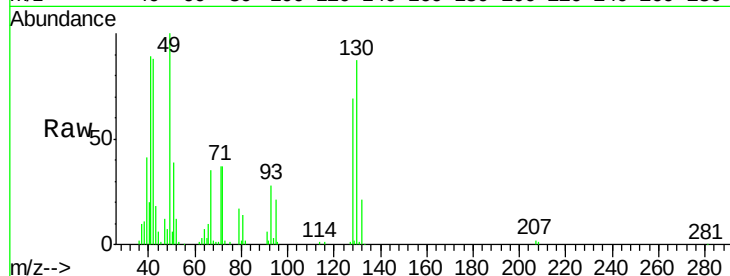
#41
Methacrylonitrile
Concen: 23.739 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	41	Resp	34116
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

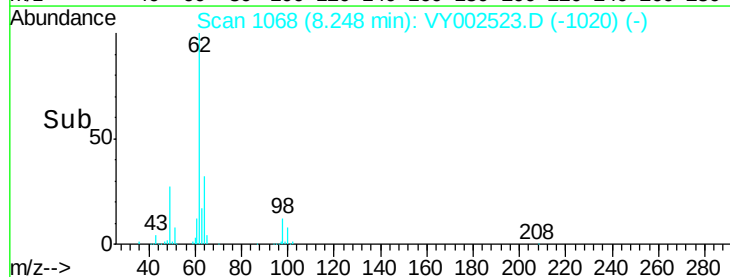
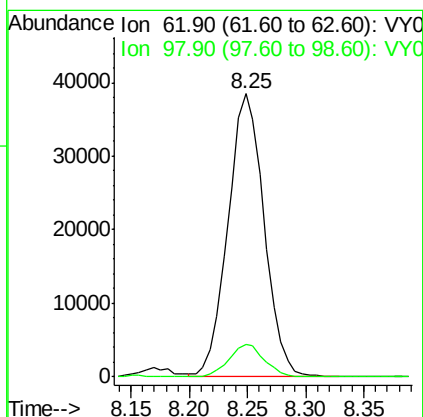
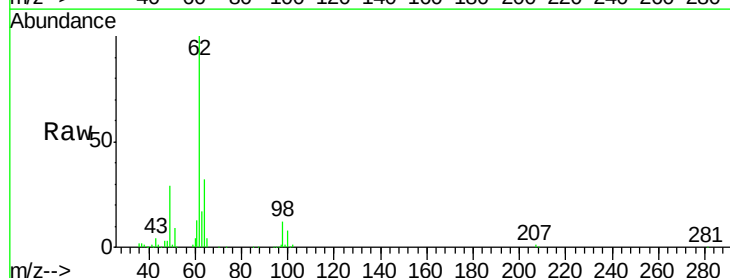
Manual Integrations
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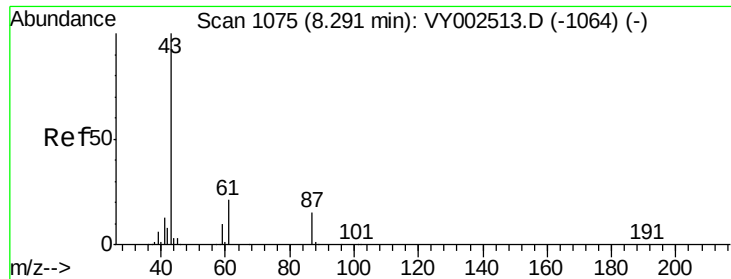
MMDadoda
5/4/2020 2:19:15 PM



#42
1,2-Dichloroethane
Concen: 20.418 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	62	Resp	83336
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.0





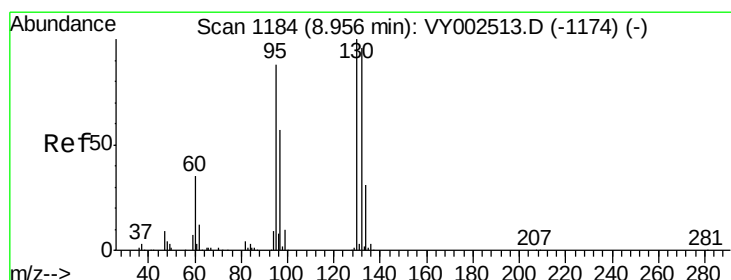
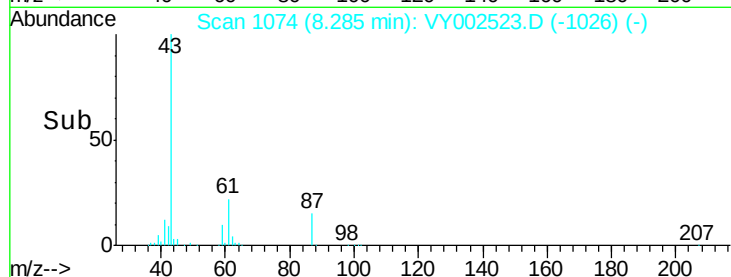
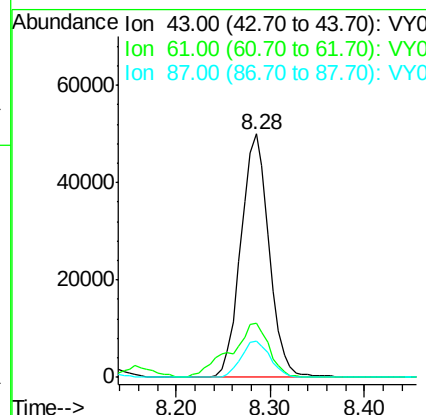
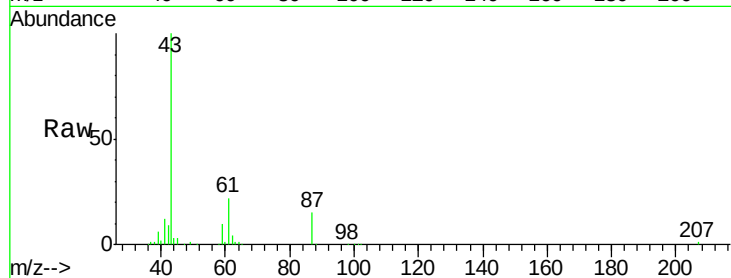
#43
Isopropyl Acetate
Concen: 21.503 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	24.8	37.2
87	15.3	12.2	18.2

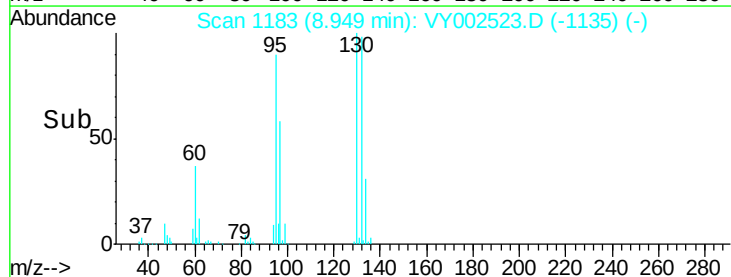
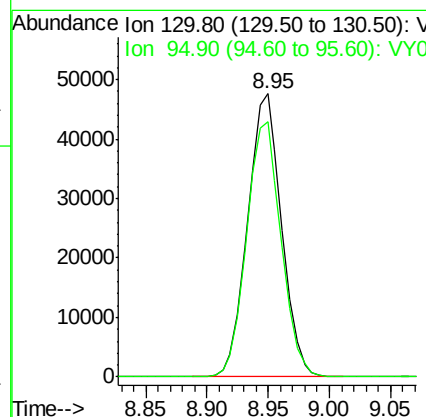
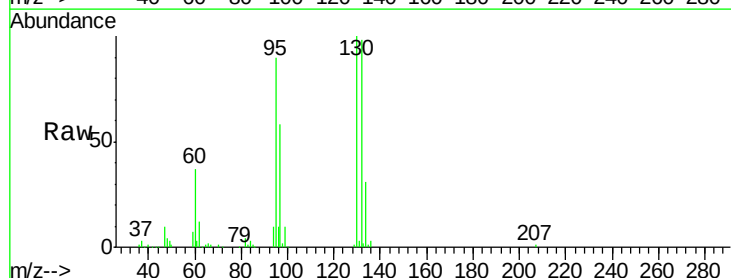
Manual Integrations
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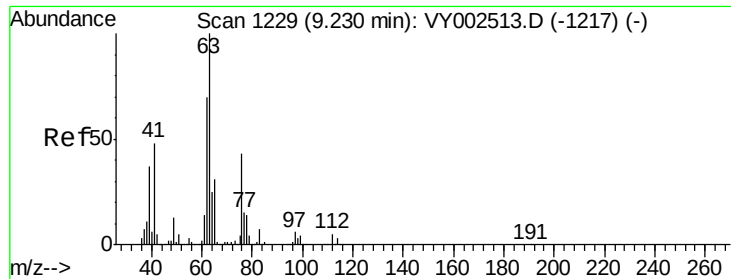
MMDadoda
5/4/2020 2:19:15 PM



#44
Trichloroethene
Concen: 20.138 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	175.8





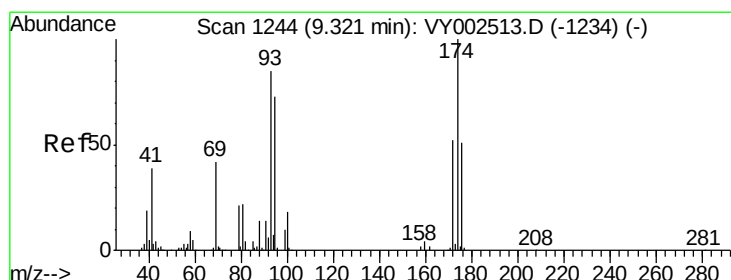
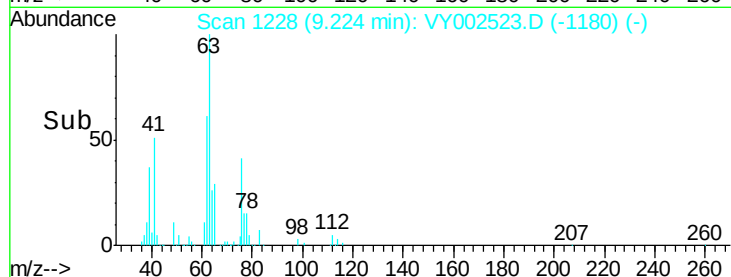
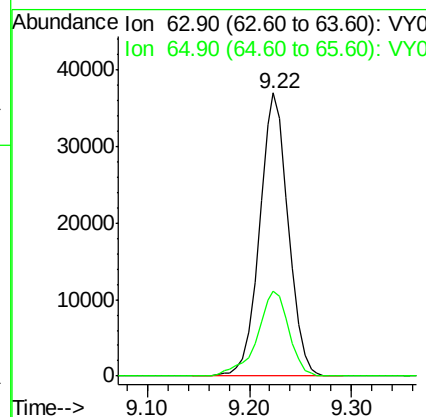
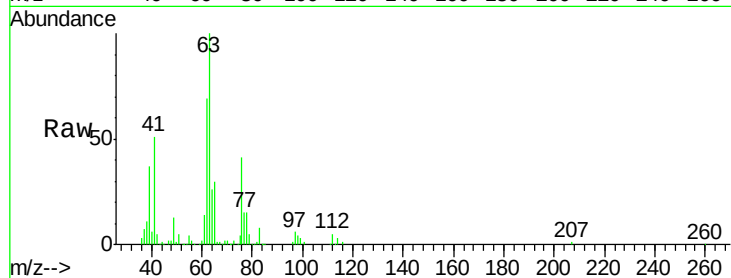
#45
 1,2-Dichloropropane
 Concen: 20.526 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.5	36.7

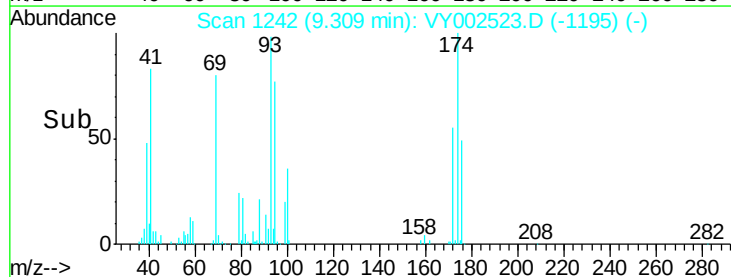
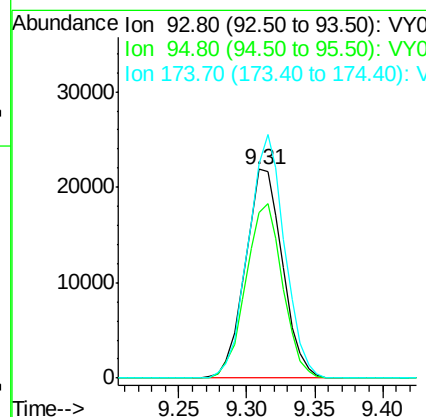
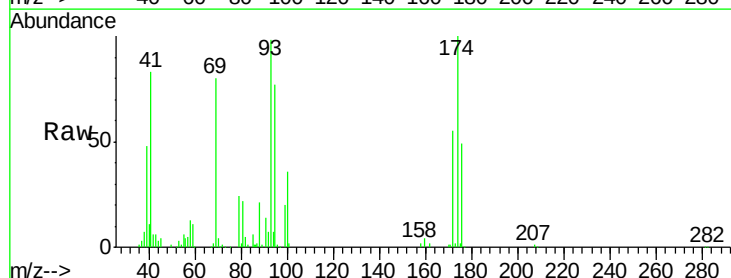
Manual Integrations
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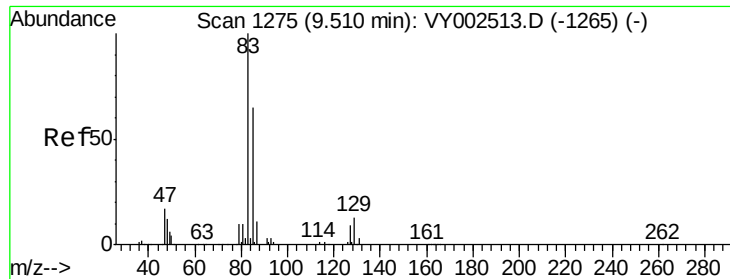
MMDadoda
 5/4/2020 2:19:15 PM



#46
 Dibromomethane
 Concen: 20.753 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.0	100.4
174	114.2	92.7	139.1





#47

Bromodichloromethane

Concen: 20.498 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

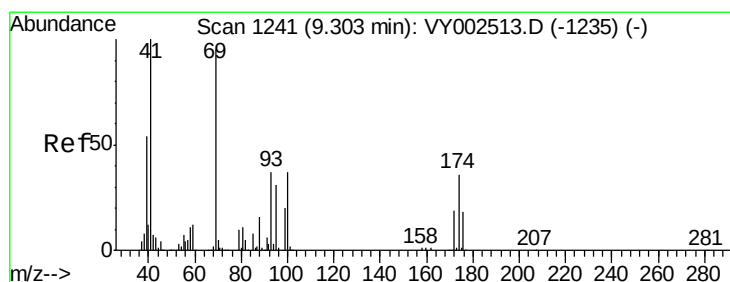
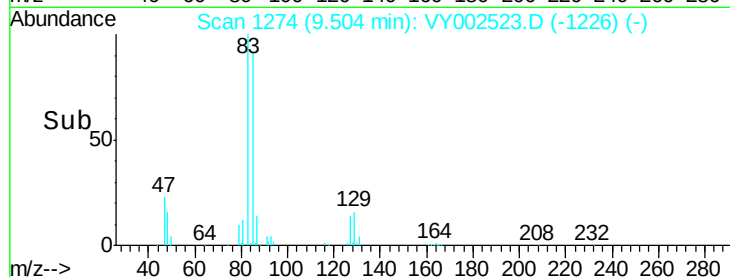
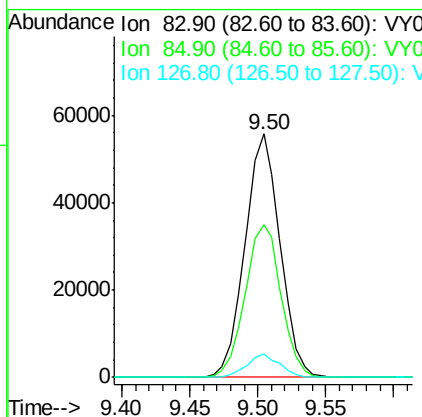
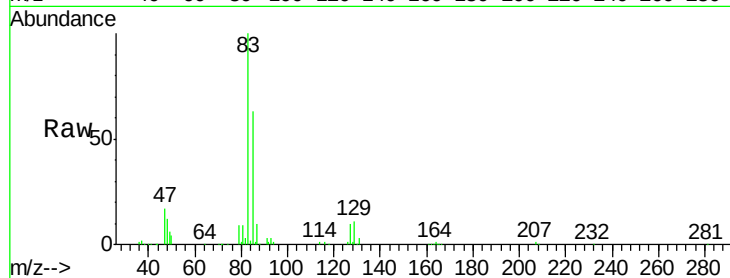
ClientSampleId :

VY0501SBS01

Tot Ion:	83	Resp:	100707
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	9.5	7.4	11.0

Manual Integrations
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MMDadoda
5/4/2020 2:19:15 PM



#48

Methyl methacrylate

Concen: 21.148 ug/l

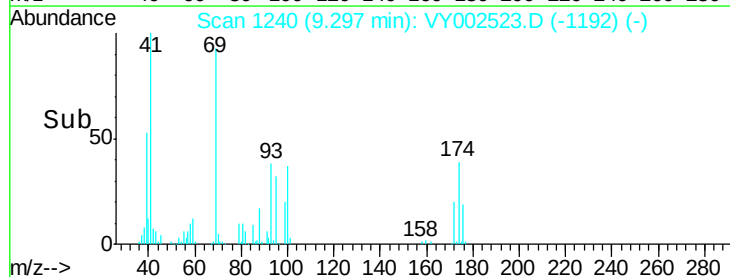
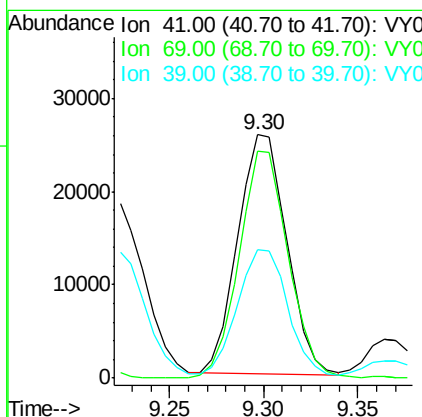
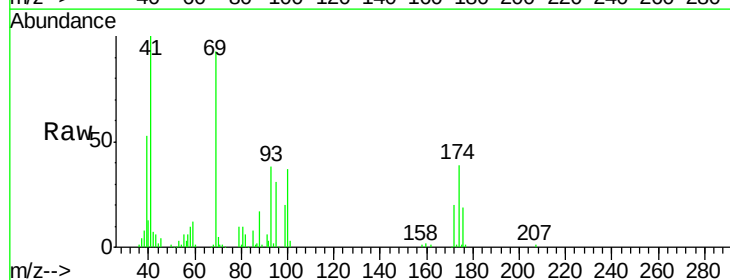
RT: 9.30 min Scan# 1240

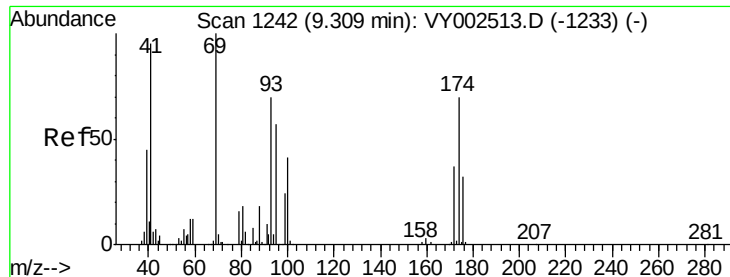
Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Tgt Ion:	41	Resp:	46452
Ion	Ratio	Lower	Upper
41	100		
69	94.9	76.2	114.4
39	53.4	42.7	64.1





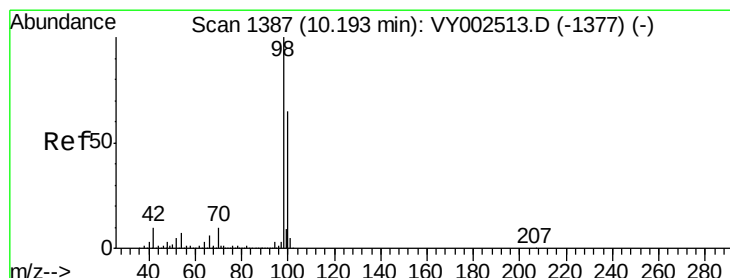
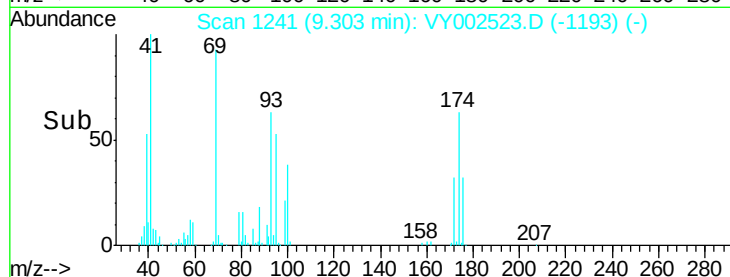
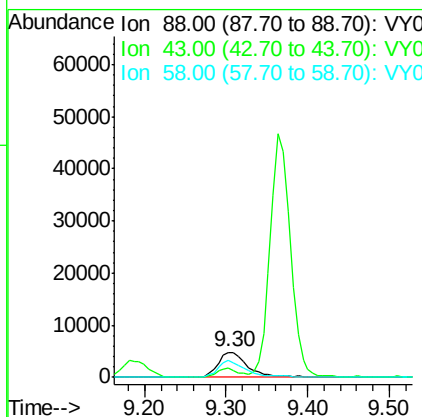
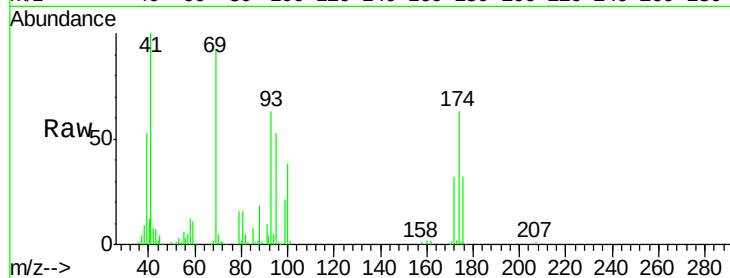
#49
1,4-Dioxane
Concen: 467.353 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	88	Resp	12503
Ion Ratio	Lower	Upper	
88	100		
43	24.9	22.8	34.2
58	63.5	51.4	77.2

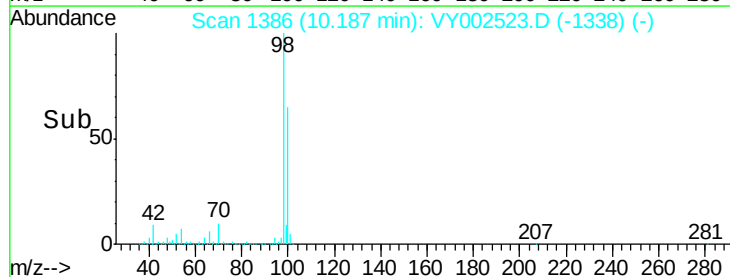
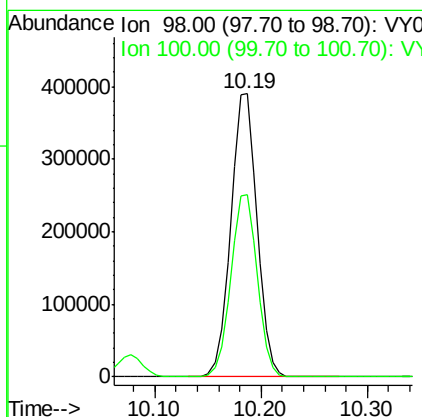
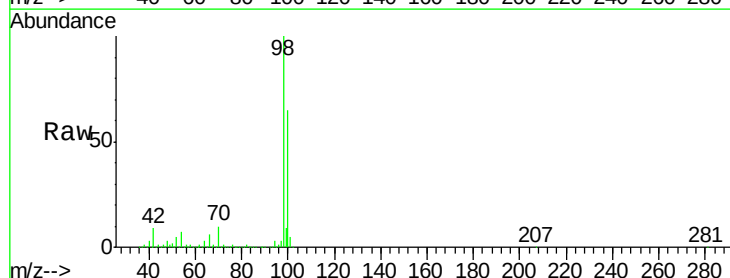
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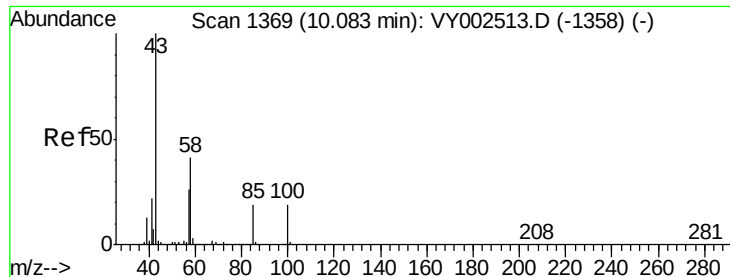
MMDadoda
5/4/2020 2:19:15 PM



#50
Toluene-d8
Concen: 50.337 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	98	Resp	675626
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.2	78.2





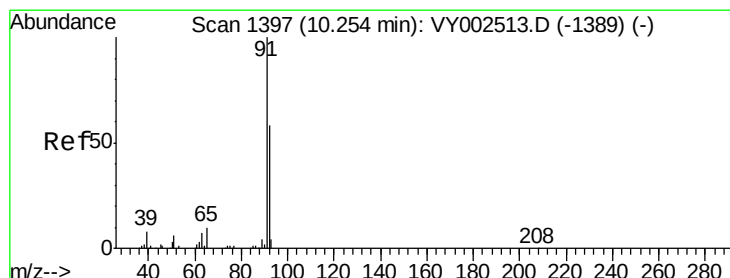
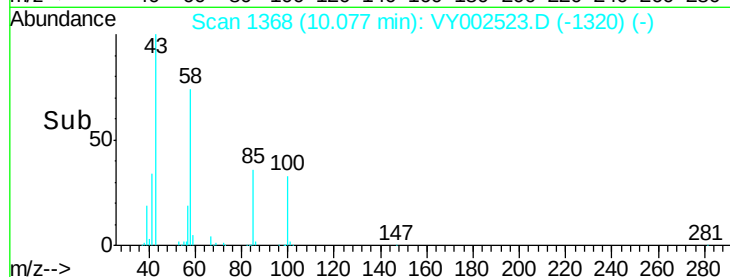
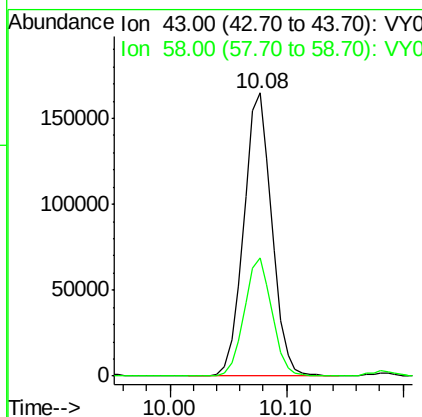
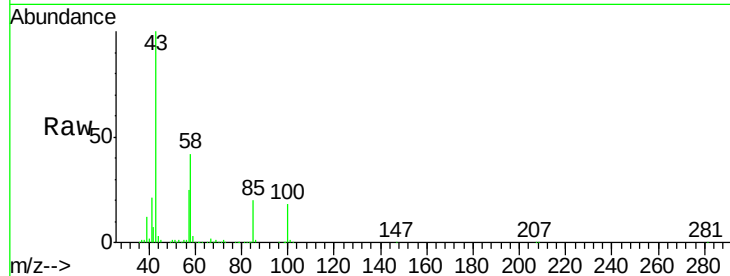
#51
4-Methyl-2-Pentanone
Concen: 110.922 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	43	Resp	277492
Ion Ratio	100	Lower	Upper
43	100		
58	41.2	33.2	49.8

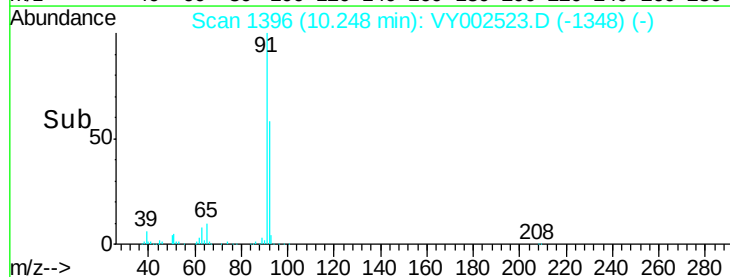
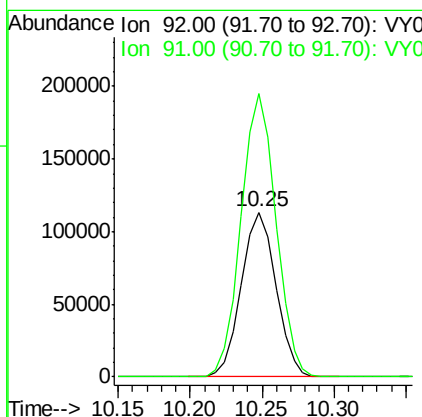
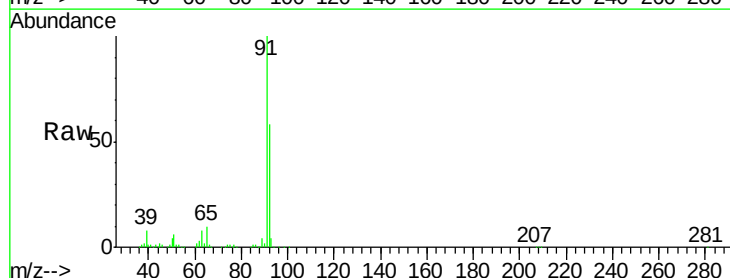
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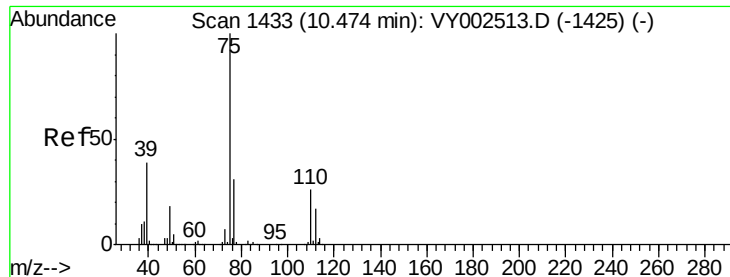
MMDadoda
5/4/2020 2:19:15 PM



#52
Toluene
Concen: 20.323 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	92	Resp	190054
Ion Ratio	100	Lower	Upper
92	100		
91	172.4	139.3	208.9





#53

t-1,3-Dichloropropene

Concen: 20.651 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 75 Resp: 106305

Ion Ratio Lower Upper

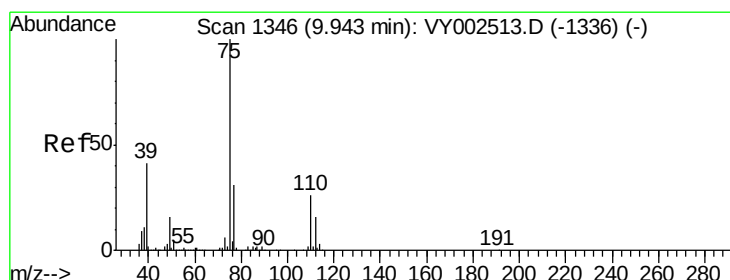
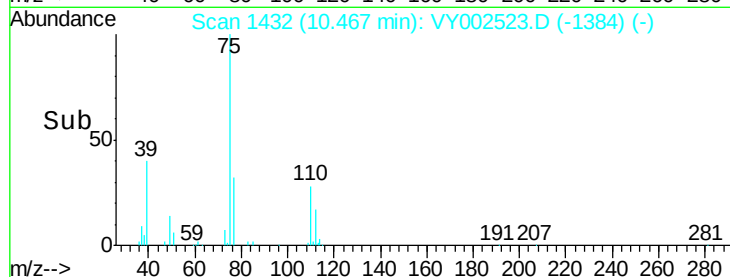
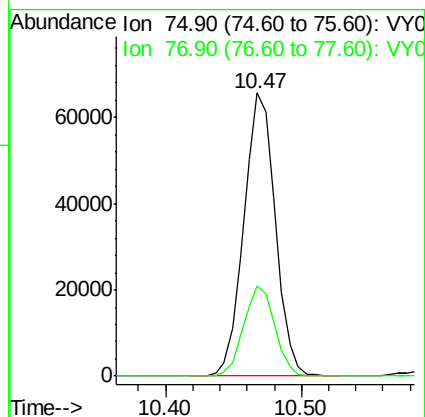
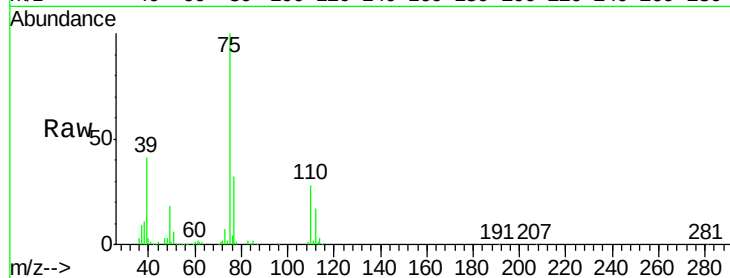
75 100

77 32.0 25.0 37.6

Manual Integrations
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MMDadoda

5/4/2020 2:19:15 PM



#54

cis-1,3-Dichloropropene

Concen: 20.380 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

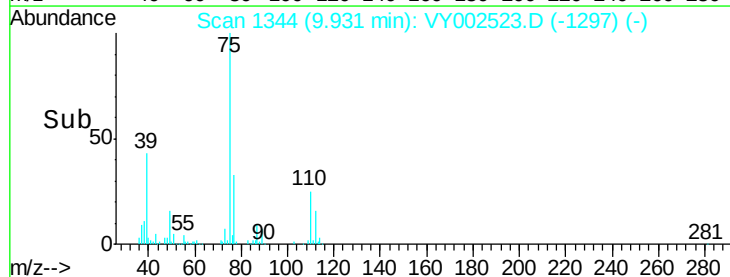
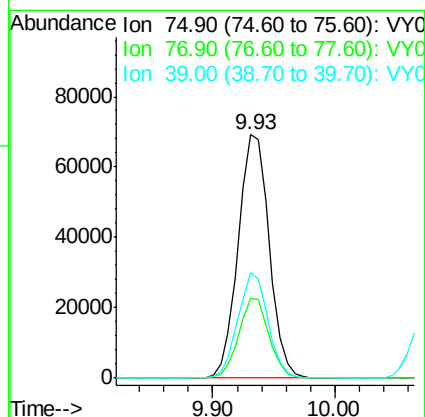
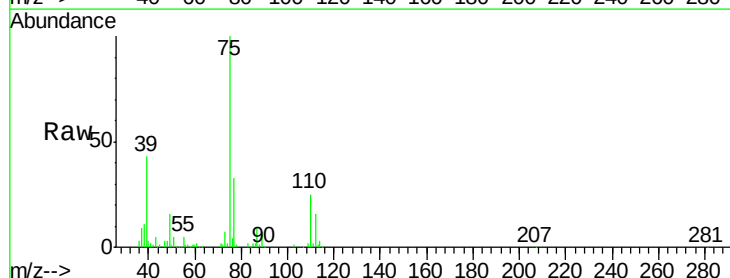
Tgt Ion: 75 Resp: 121283

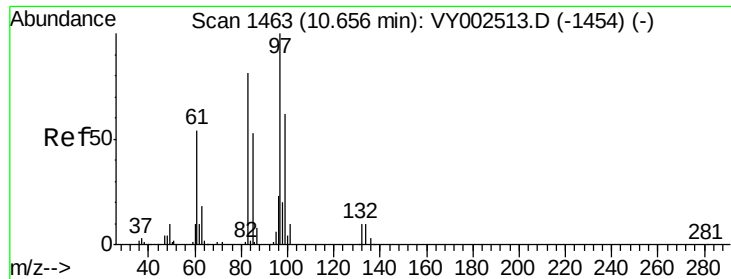
Ion Ratio Lower Upper

75 100

77 32.7 25.1 37.7

39 43.0 32.7 49.1





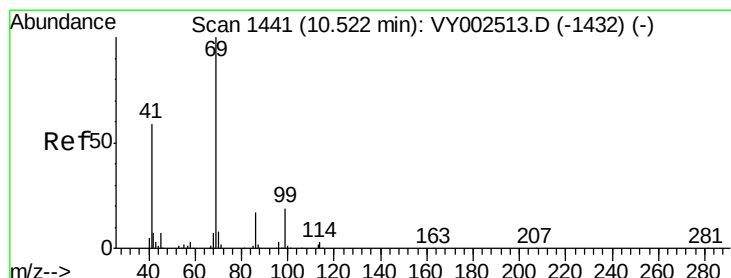
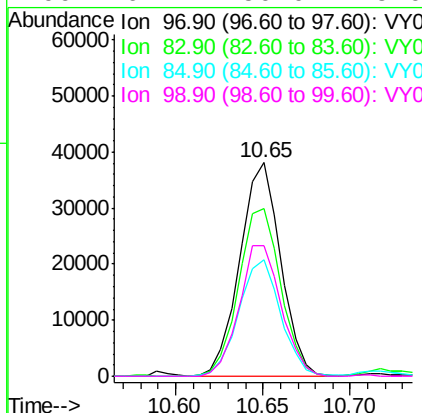
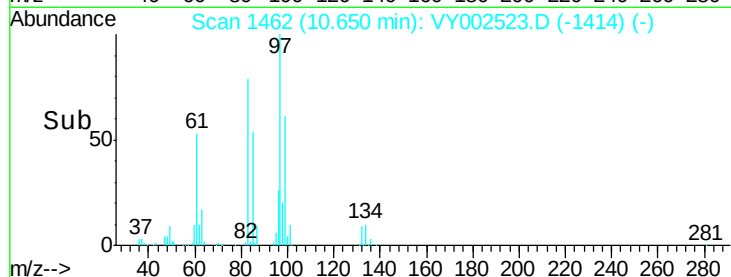
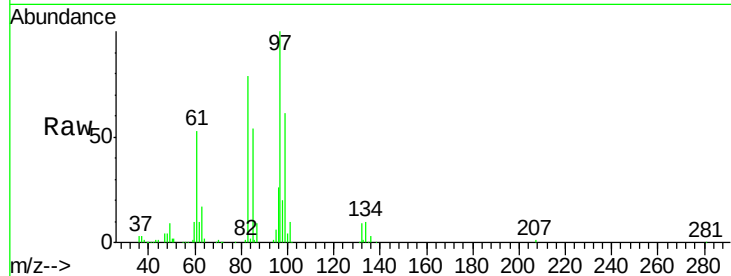
#55
 1,1,2-Trichloroethane
 Concen: 20.883 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion:	97	Resp:	61532
Ion	Ratio	Lower	Upper
97	100		
83	78.8	65.1	97.7
85	54.4	42.7	64.1
99	61.2	50.0	75.0

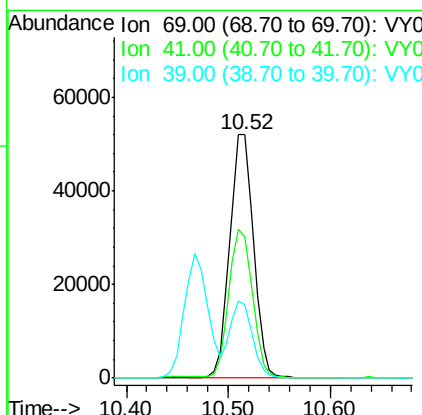
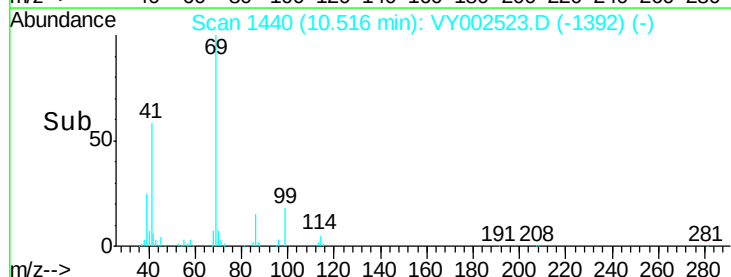
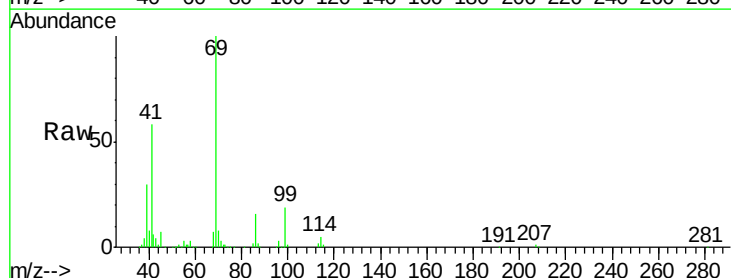
Manual Integrations
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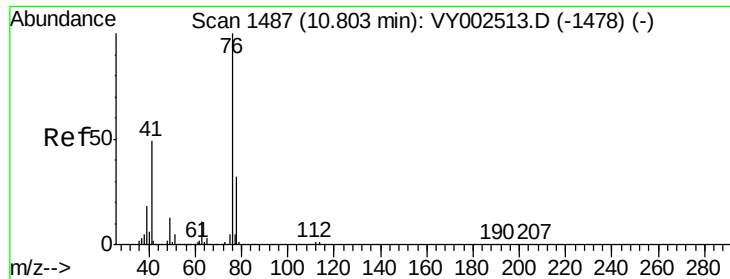
MMDadoda
 5/4/2020 2:19:15 PM



#56
 Ethyl methacrylate
 Concen: 21.429 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion:	69	Resp:	83998
Ion	Ratio	Lower	Upper
69	100		
41	60.3	48.6	73.0
39	29.9	25.0	37.4





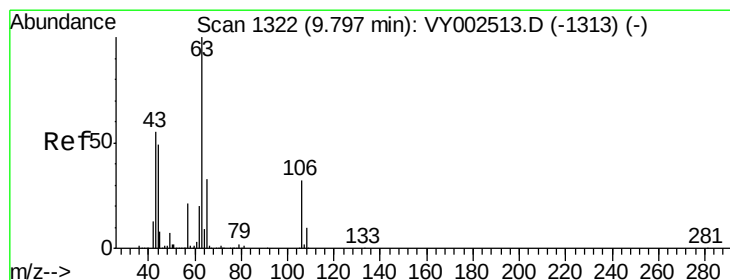
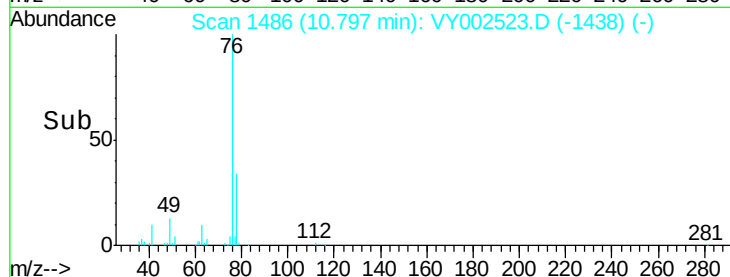
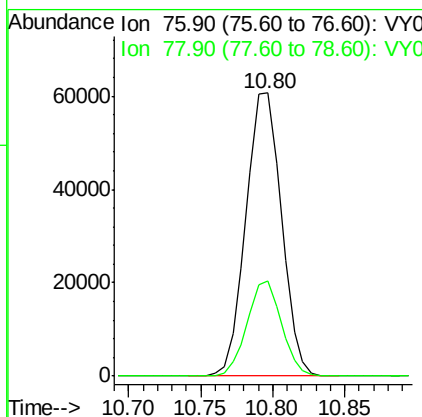
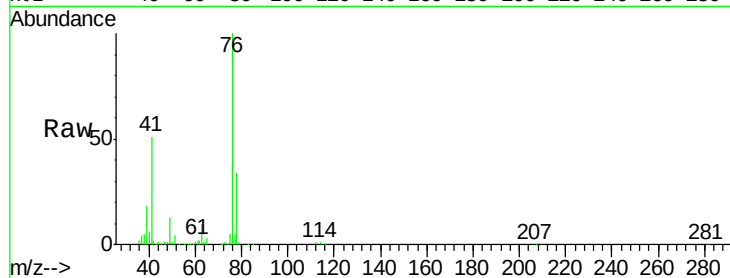
#57
 1,3-Dichloropropane
 Concen: 20.754 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.4	38.2

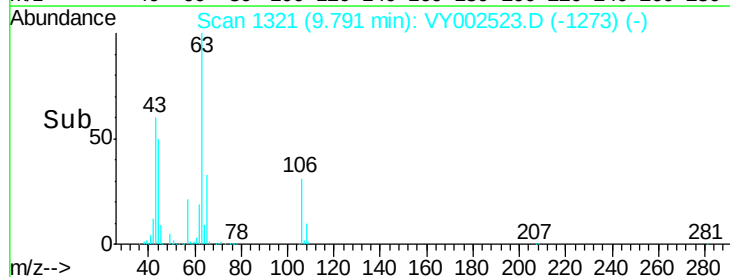
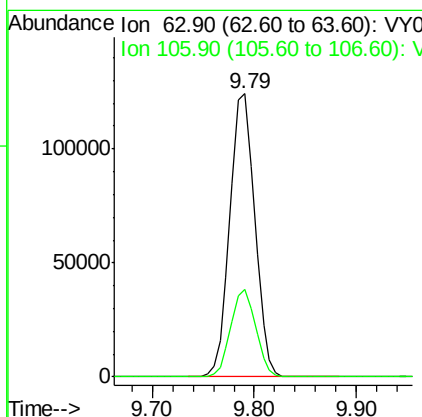
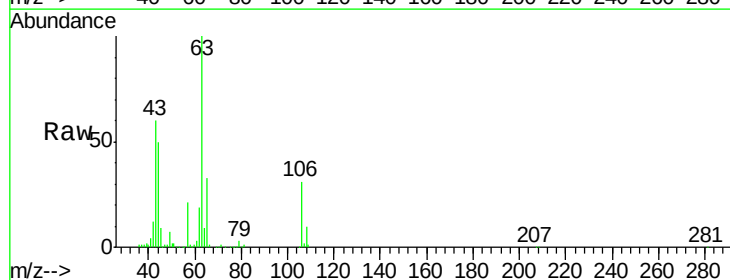
Manual Integrations
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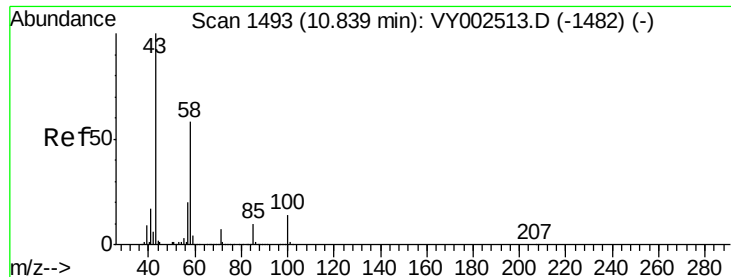
MMDadoda
 5/4/2020 2:19:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.621 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.8	25.2	37.8





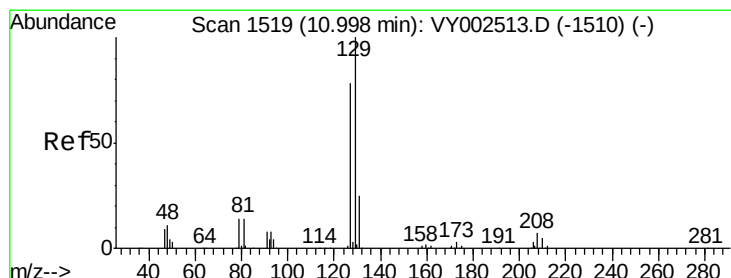
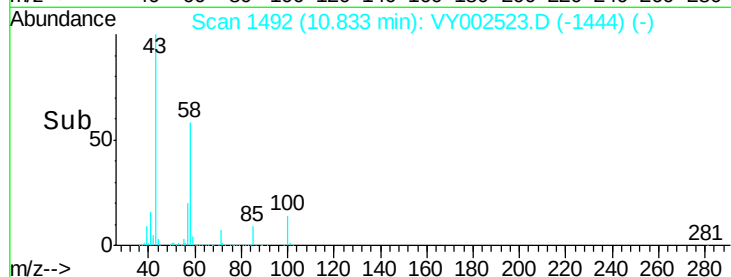
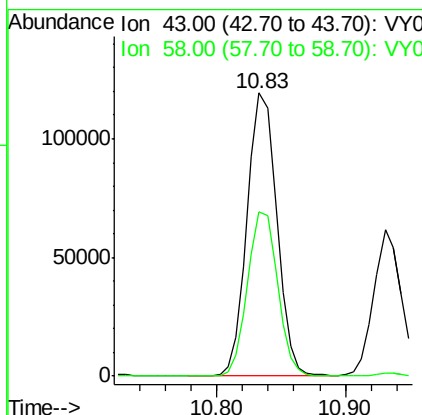
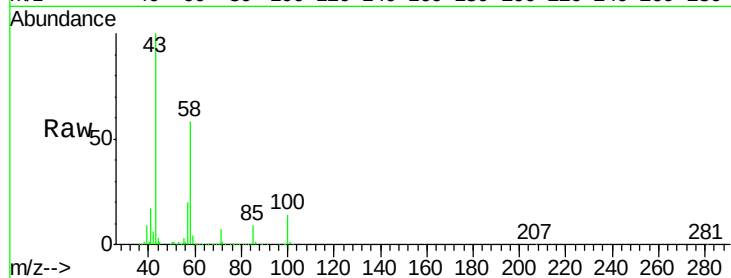
#59
2-Hexanone
Concen: 111.077 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampled :
VY0501SBS01

Tot Ion	43	Resp	191257
Ion	Ratio	Lower	Upper
43	100		
58	58.7	29.1	87.3

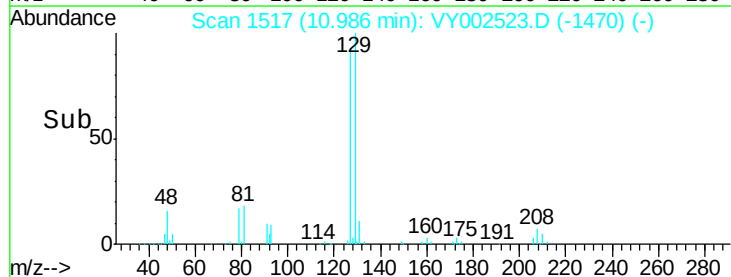
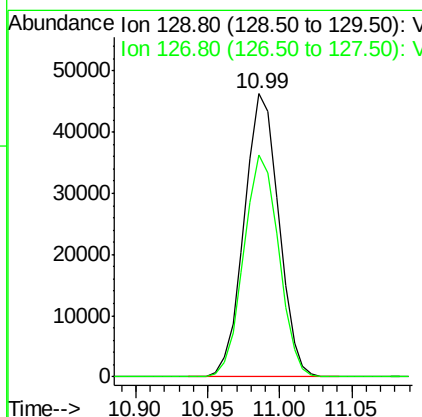
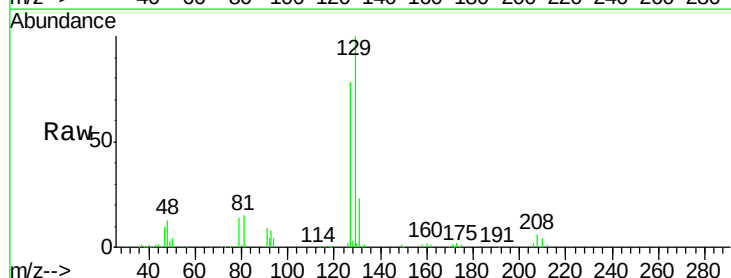
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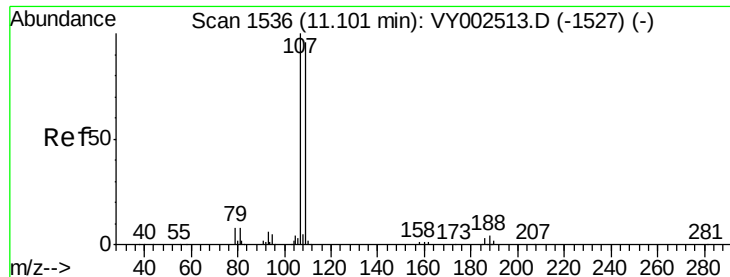
MMDadoda
5/4/2020 2:19:15 PM



#60
Dibromochloromethane
Concen: 20.558 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	129	Resp	77043
Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.0	117.0





#61

1,2-Dibromoethane

Concen: 20.604 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion:107 Resp: 60113

Ion Ratio Lower Upper

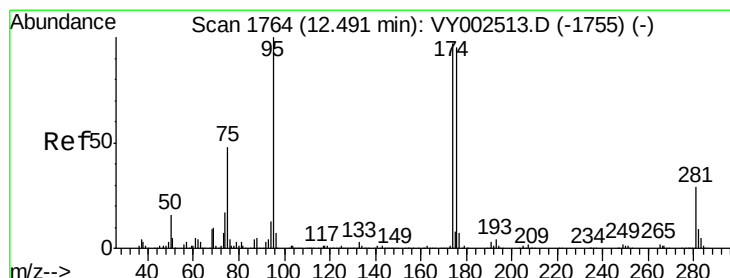
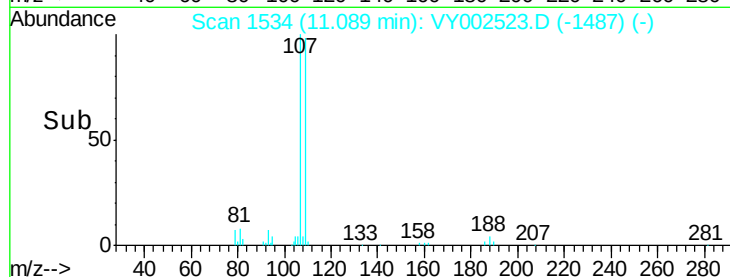
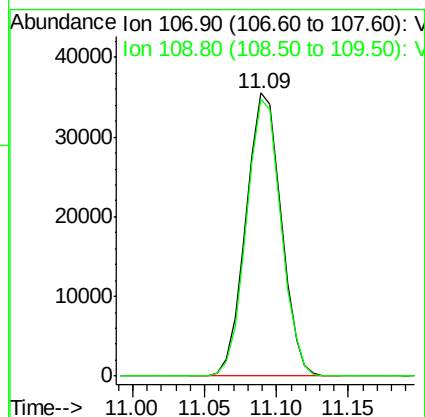
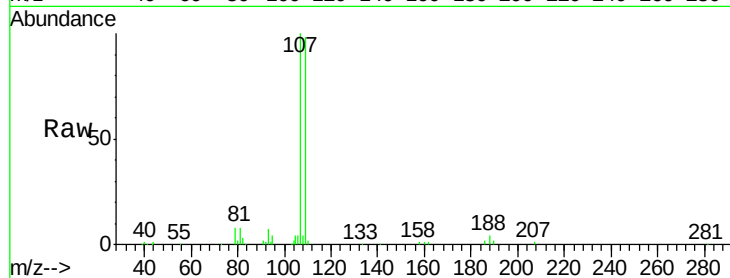
107 100

109 96.3 75.8 113.8

Manual Integrations
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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 50.236 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

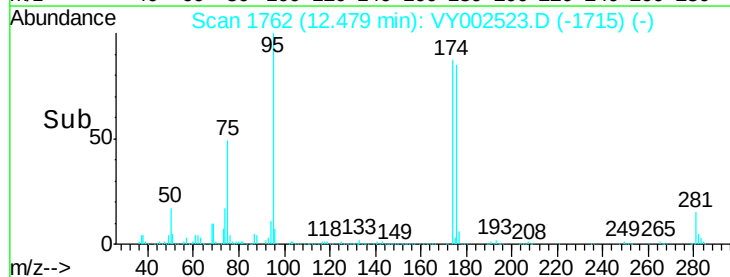
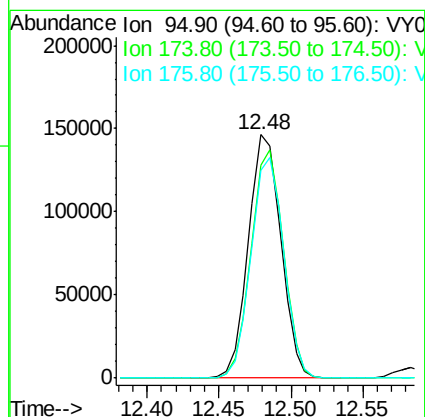
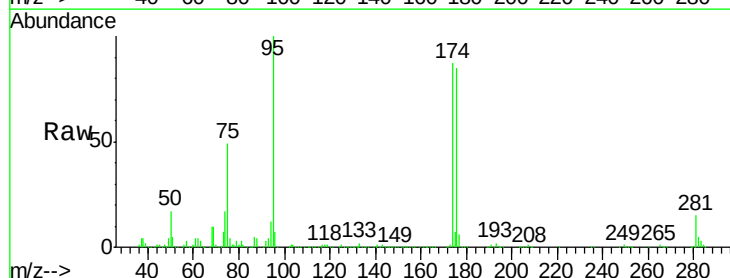
Tgt Ion: 95 Resp: 228798

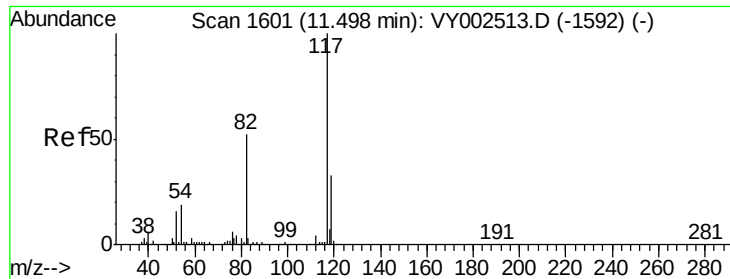
Ion Ratio Lower Upper

95 100

174 93.0 0.0 188.8

176 90.8 0.0 183.2





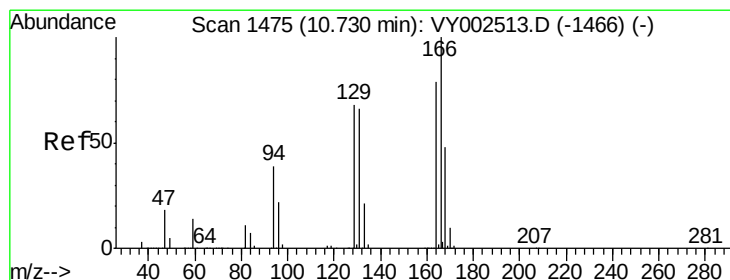
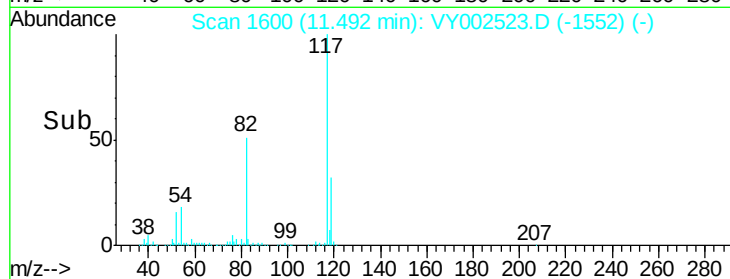
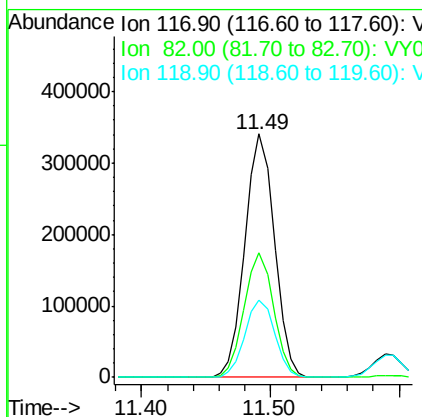
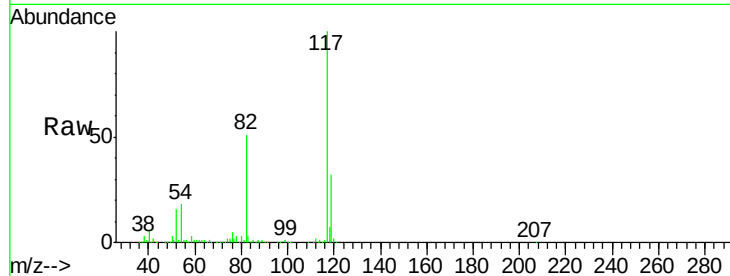
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	540096		
82	51.4		41.3	61.9
119	31.9		26.0	39.0

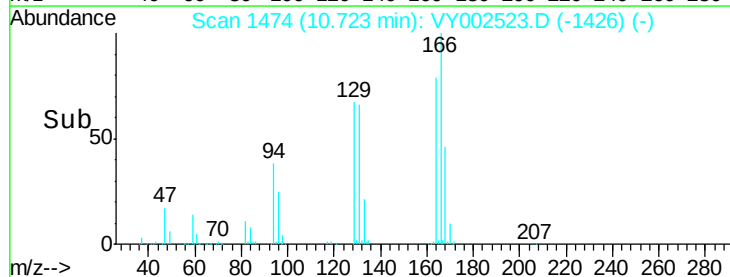
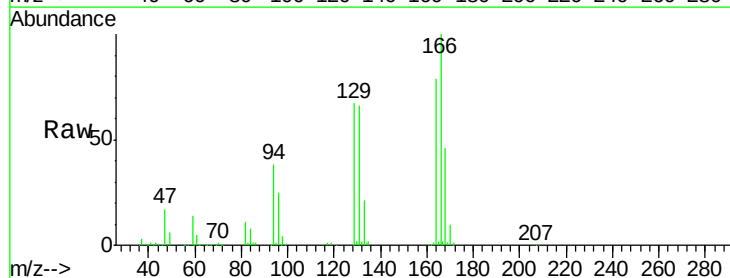
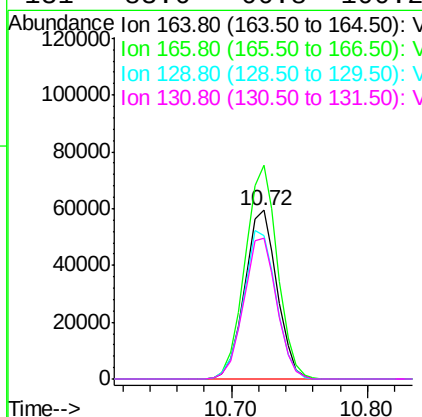
Manual Integrations
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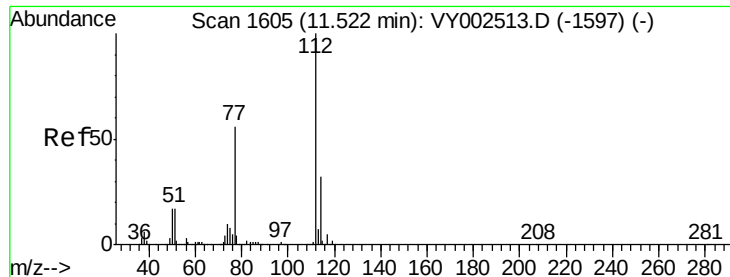
MMDadoda
5/4/2020 2:19:15 PM



#64
Tetrachloroethene
Concen: 20.575 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	98732		
166	126.7		100.7	151.1
129	84.9		68.3	102.5
131	83.6		66.8	100.2





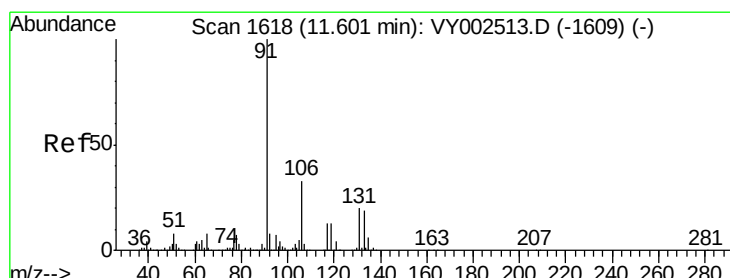
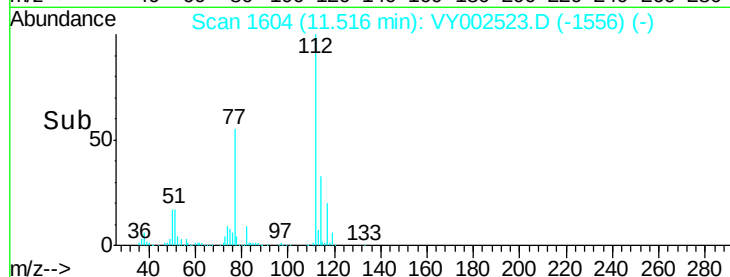
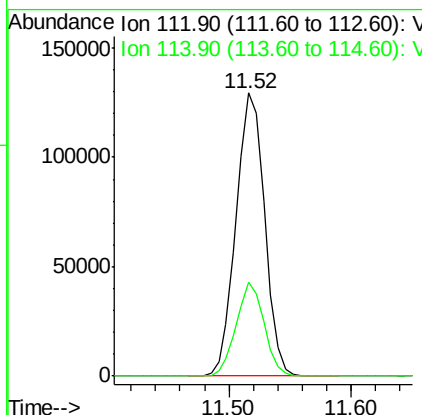
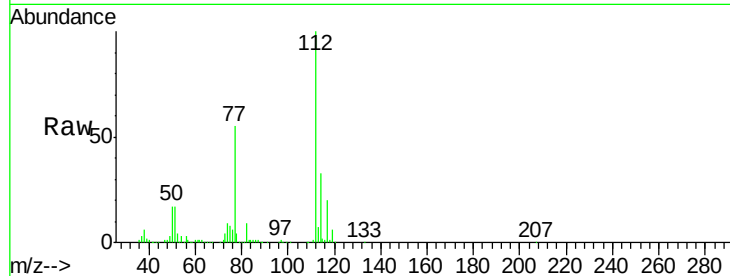
#65
Chlorobenzene
Concen: 20.399 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.8	38.6

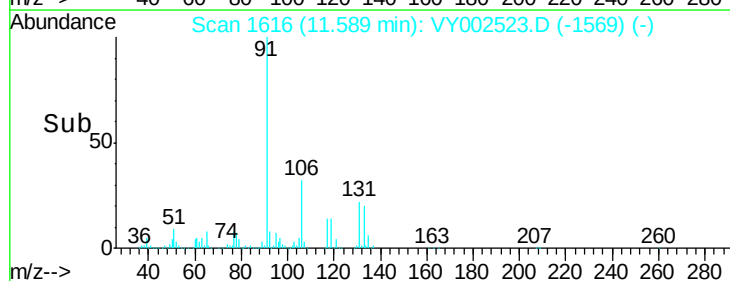
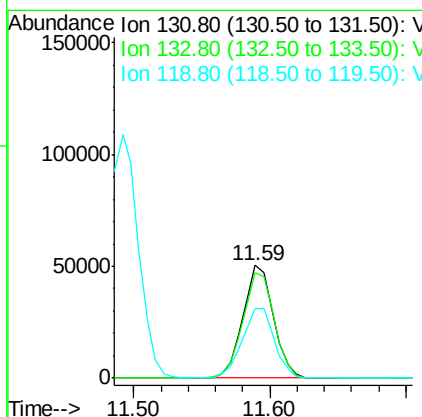
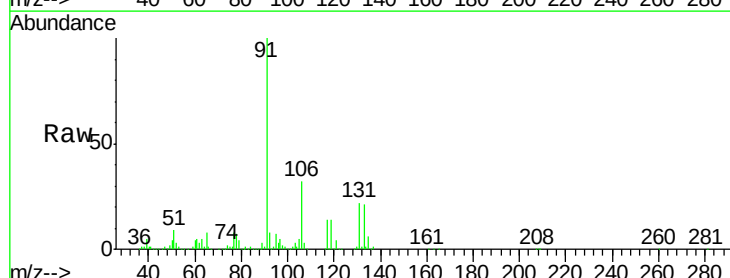
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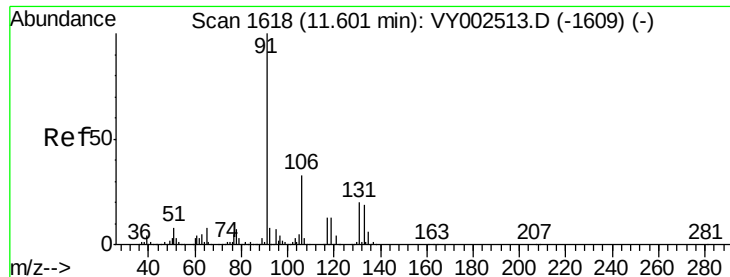
MMDadoda
5/4/2020 2:19:15 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.881 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.1	144.4
119	64.7	31.6	95.0





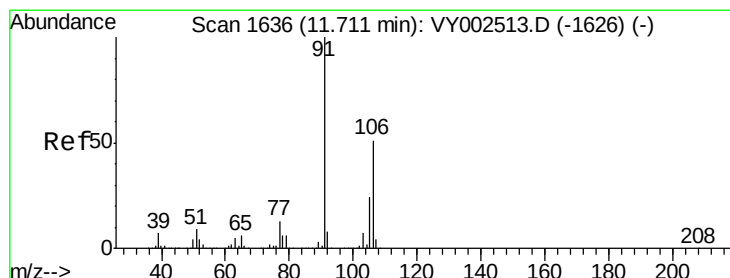
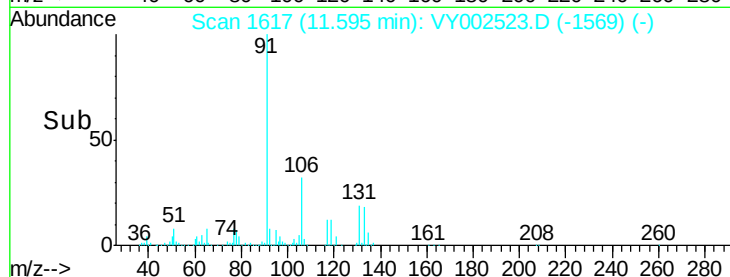
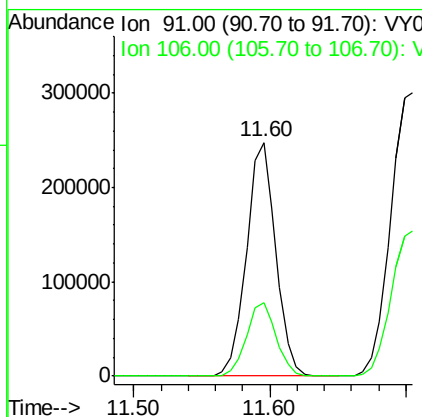
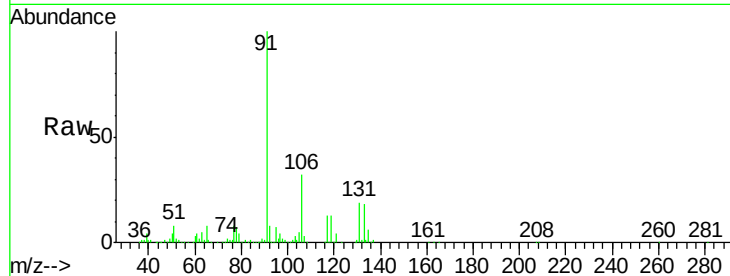
#67
Ethyl Benzene
Concen: 20.616 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		371818		
106	31.6	26.1	39.1		

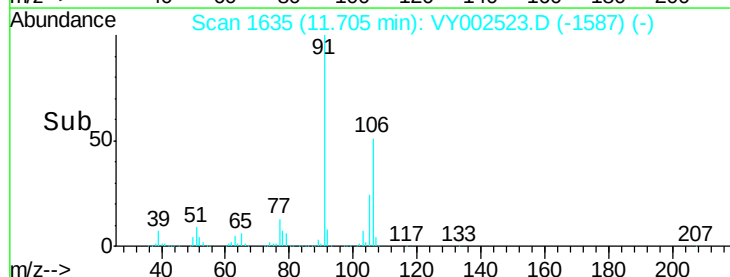
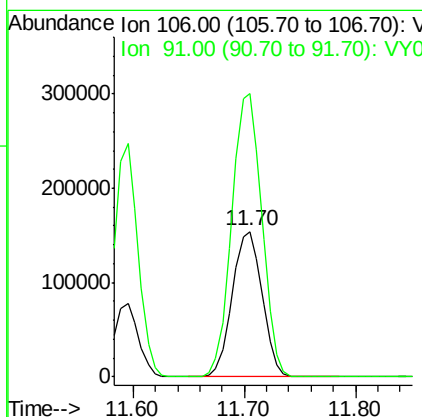
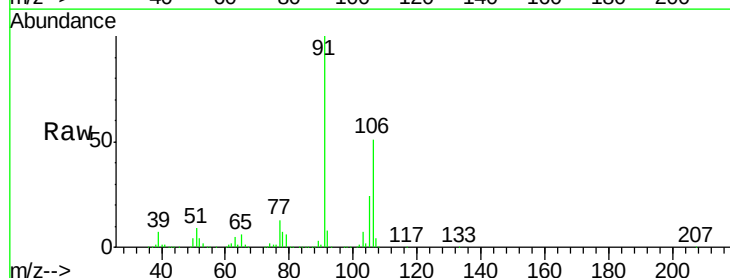
Manual Integrations
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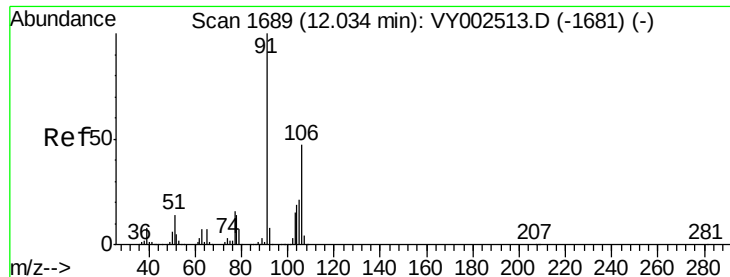
MMDadoda
5/4/2020 2:19:15 PM



#68
m/p-Xylenes
Concen: 40.956 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		285797		
91	196.0	155.2	232.8		





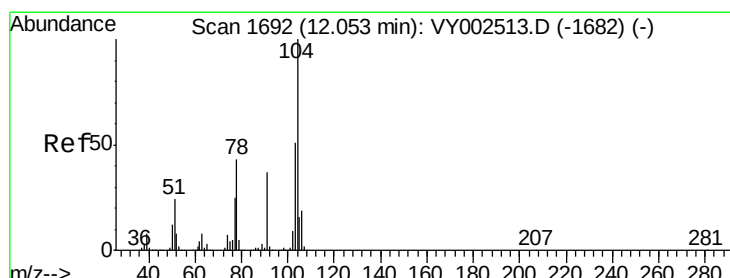
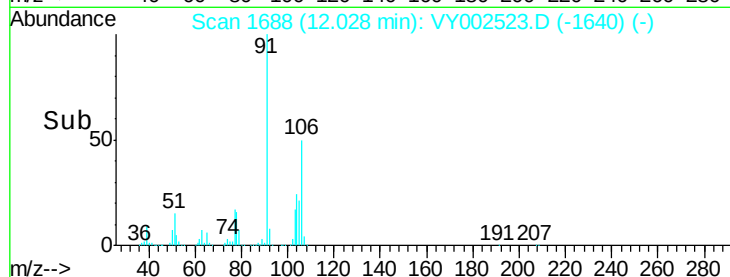
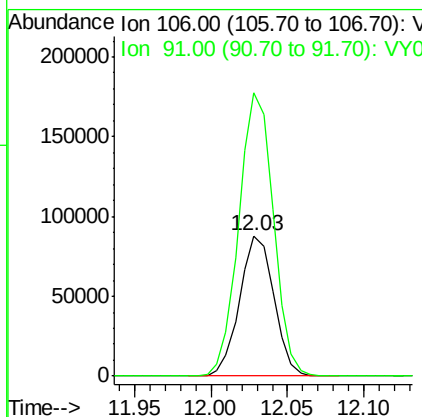
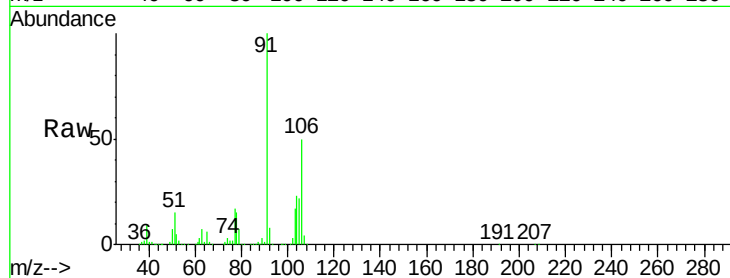
#69
o-Xylene
Concen: 21.002 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	137222		
91	91	202.9	103.8	311.3	

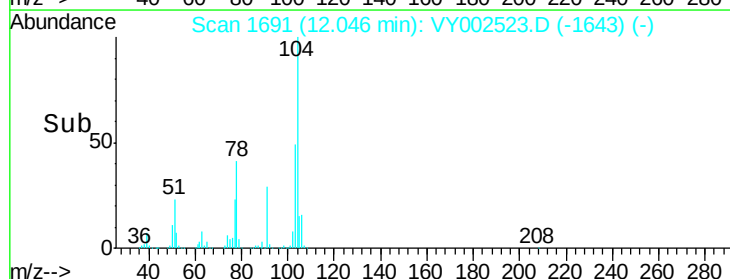
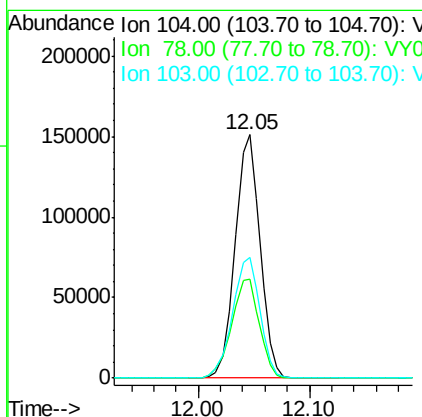
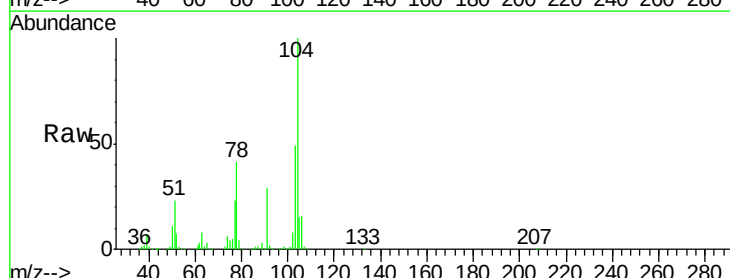
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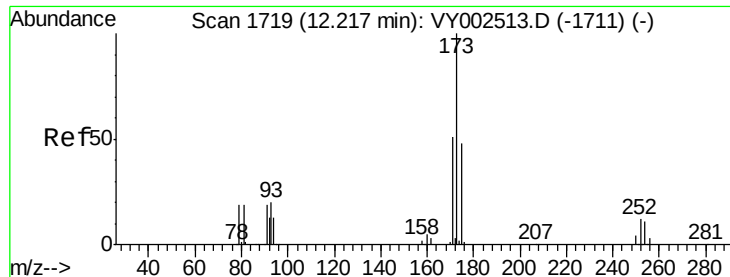
MMDadoda
5/4/2020 2:19:15 PM



#70
Styrene
Concen: 20.864 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	233041		
78	78	45.7	37.4	56.0	
103	103	54.6	43.9	65.9	





#71

Bromoform

Concen: 21.198 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

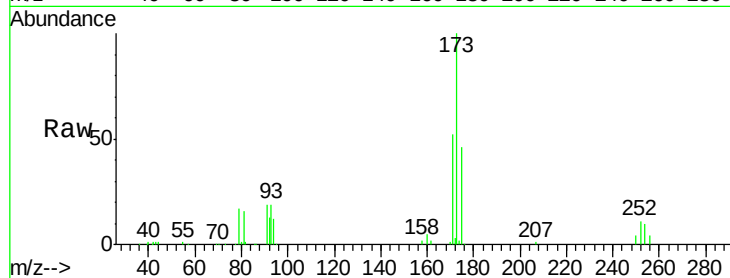
ClientSampleId :

VY0501SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.8
254	0.0	0.2	0.2

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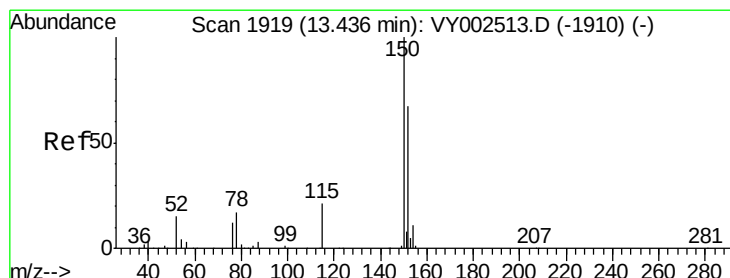
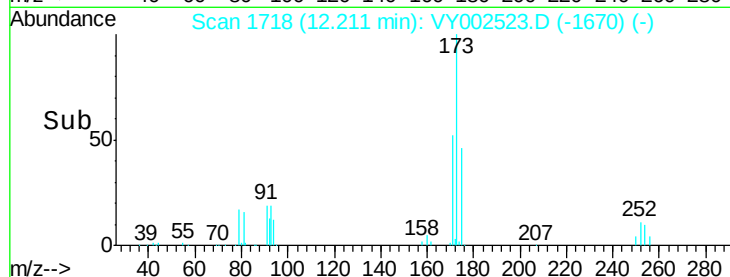
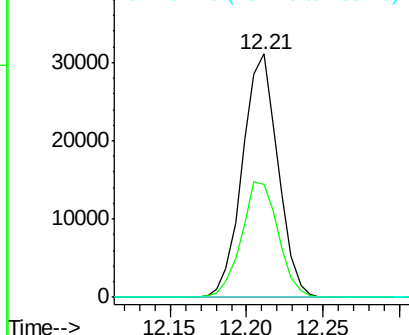


Abundance

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

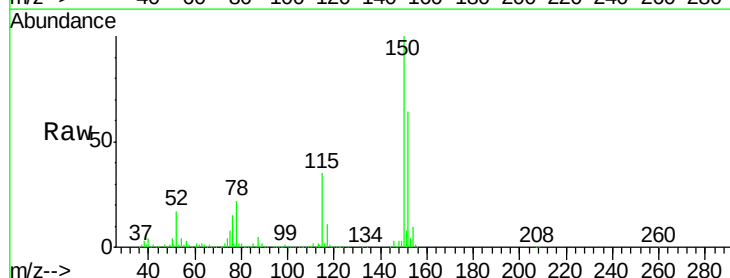
RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.5	82.4
150	162.7	0.0	346.4

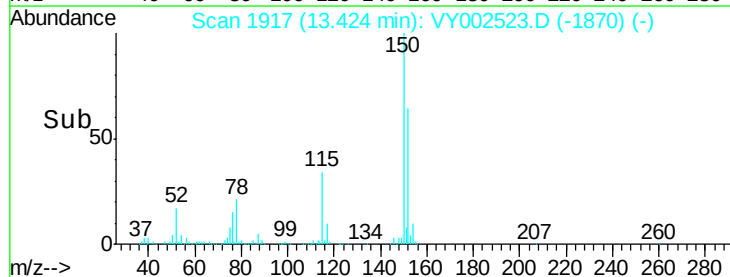
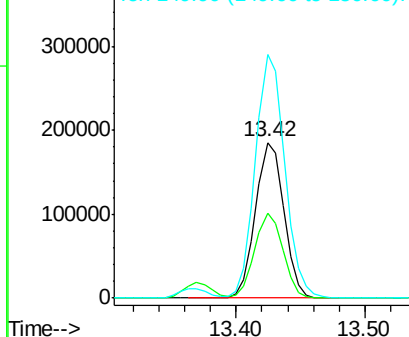


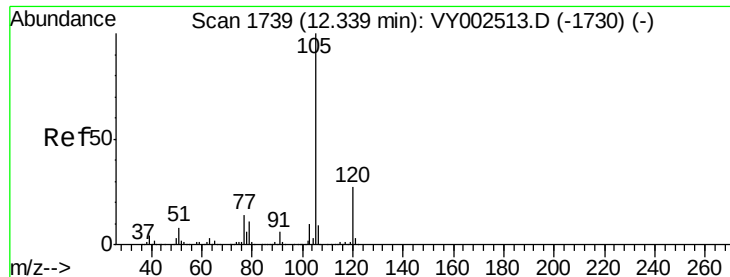
Abundance

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: 20.305 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 105 Resp: 371202

Ion Ratio Lower Upper

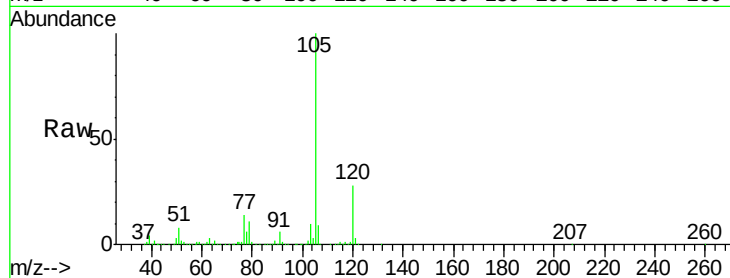
105 100

120 27.6 13.8 41.3

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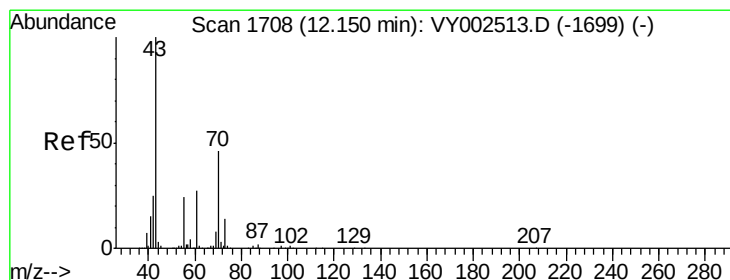
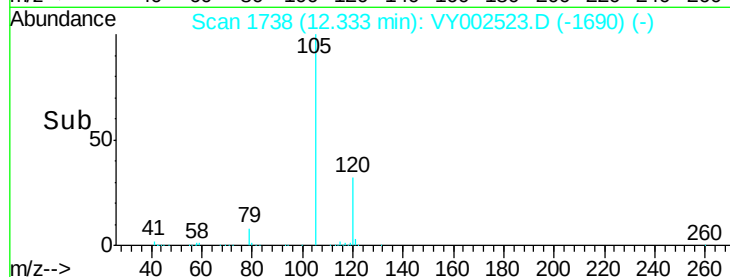
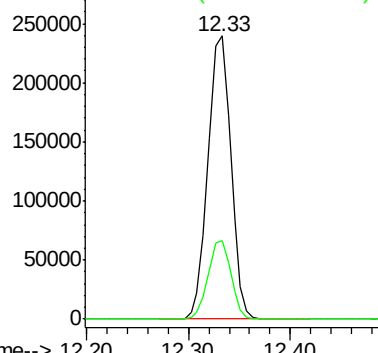
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.223 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Tgt Ion: 43 Resp: 93329

Ion Ratio Lower Upper

43 100

70 47.6 36.7 55.1

55 25.3 19.2 28.8

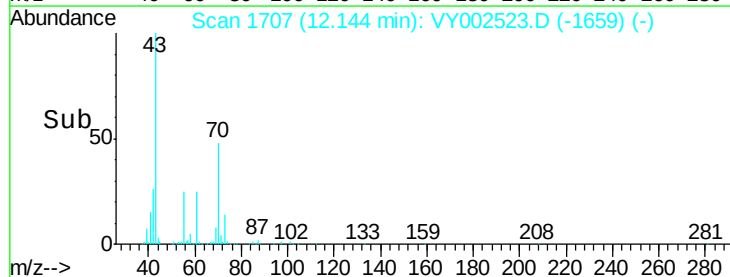
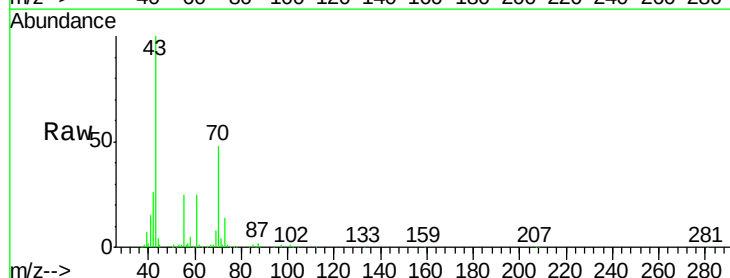
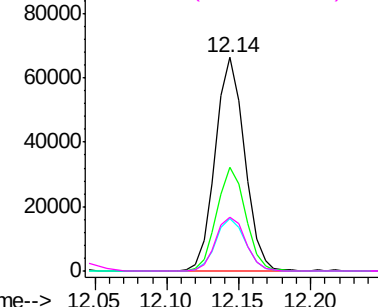
61 26.1 21.1 31.7

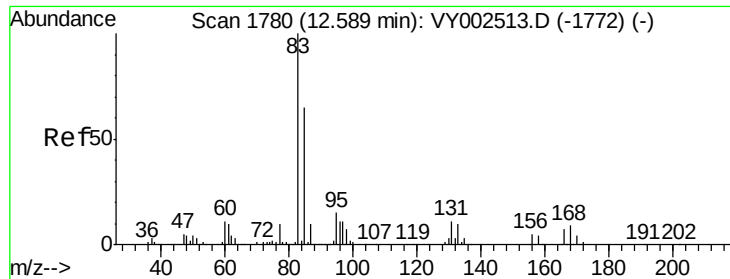
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.109 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

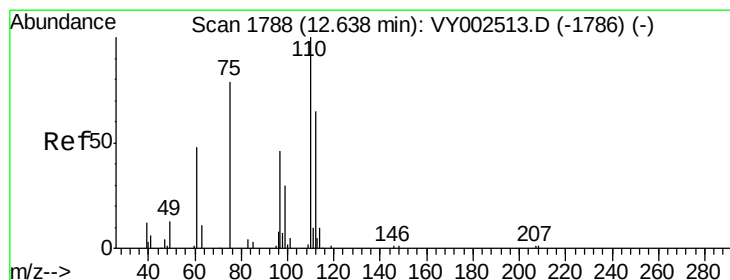
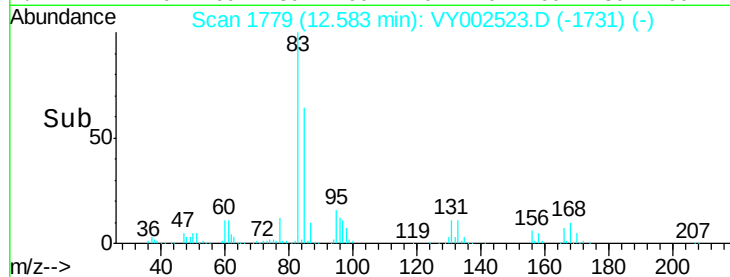
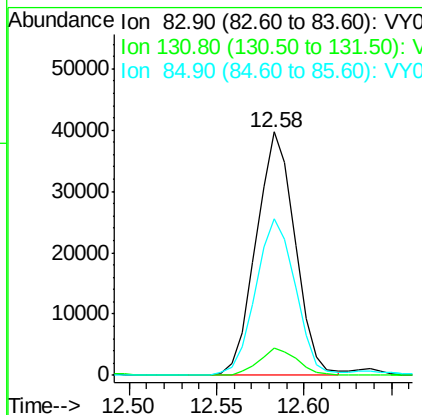
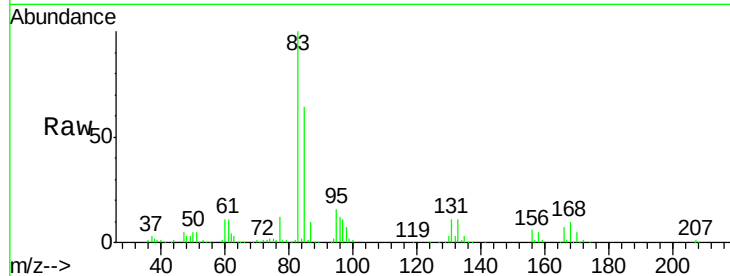
ClientSampleId :

VY0501SBS01

Tot Ion:	83	Resp:	61370
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.9	17.8
85	65.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.639 ug/l m

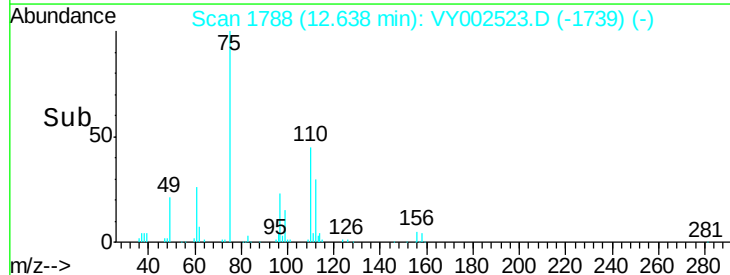
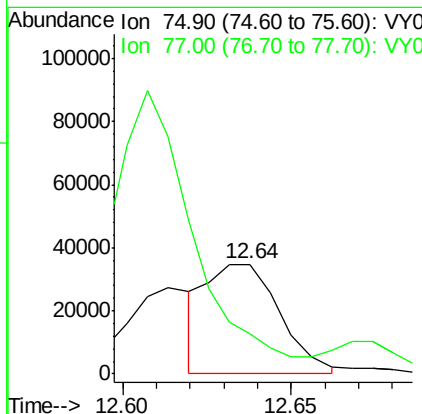
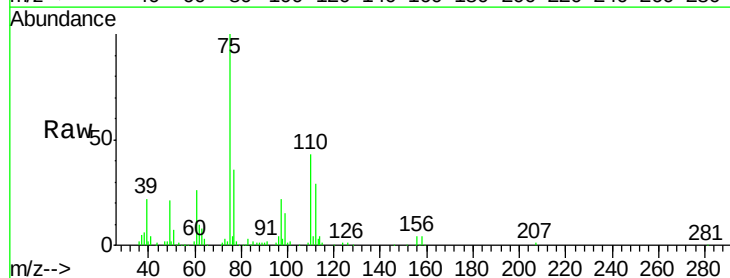
RT: 12.64 min Scan# 1788

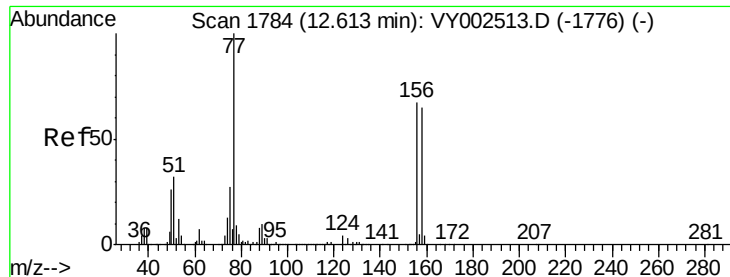
Delta R.T. -0.00 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Tgt Ion:	75	Resp:	52661
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.259 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

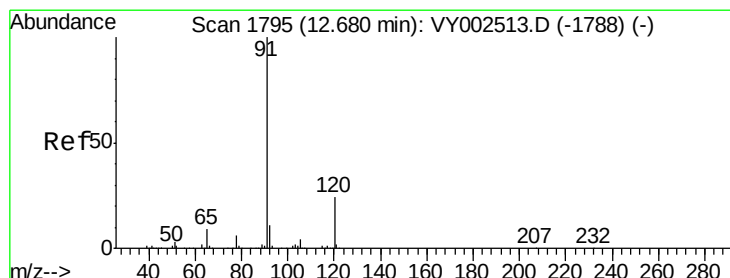
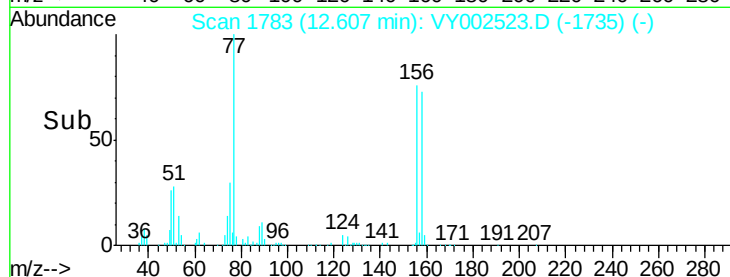
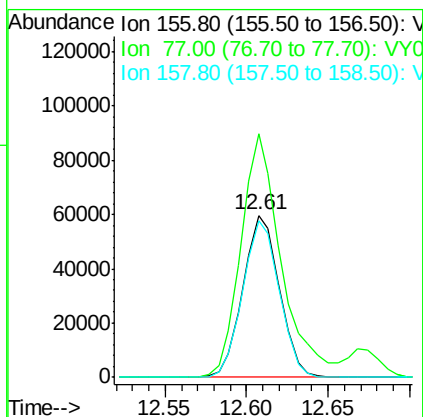
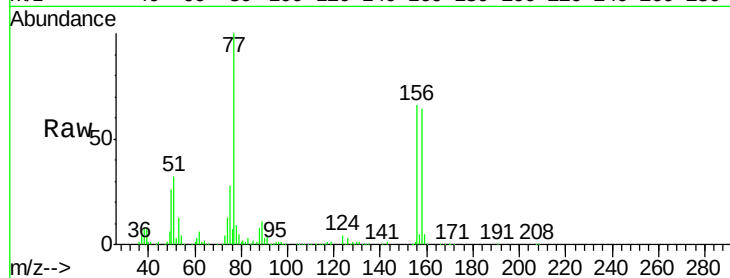
ClientSampleId :

VY0501SBS01

Tot Ion:	156	Resp:	92528
Ion	Ratio	Lower	Upper
156	100		
77	167.9	82.0	245.8
158	97.4	48.5	145.6

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#78

n-propylbenzene

Concen: 20.563 ug/l

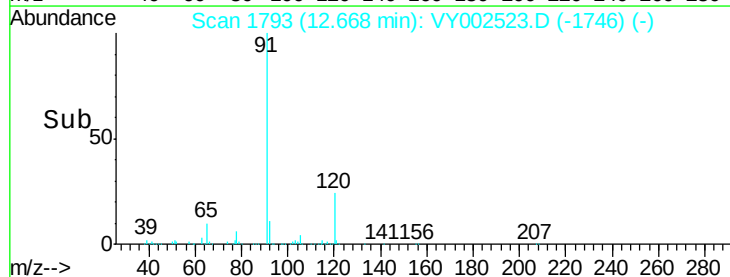
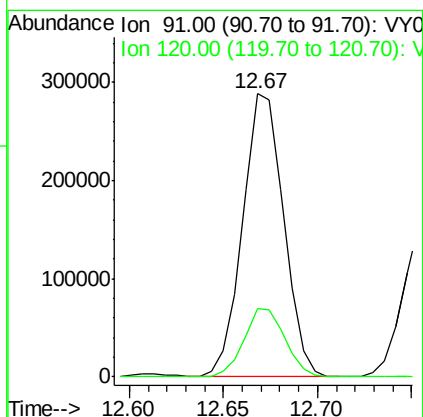
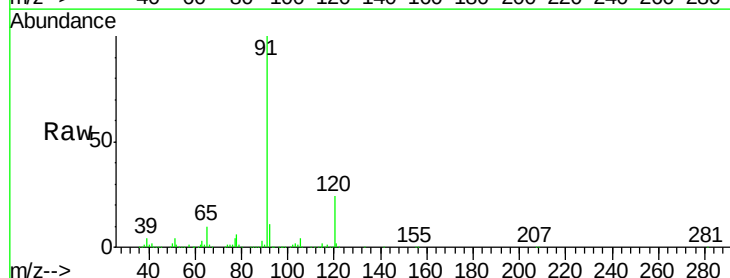
RT: 12.67 min Scan# 1793

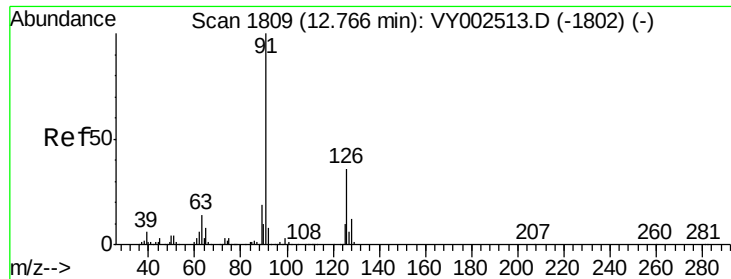
Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Tgt Ion:	91	Resp:	436248
Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.2	36.4





#79

2-Chlorotoluene

Concen: 20.403 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 91 Resp: 239761

Ion Ratio Lower Upper

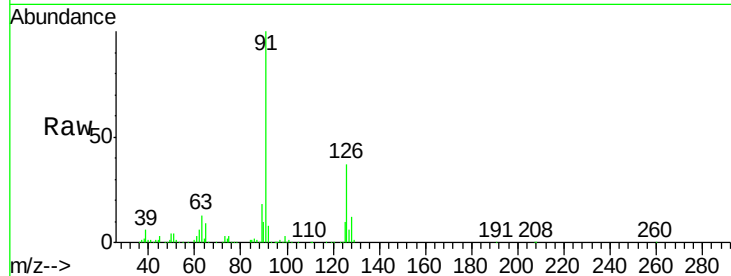
91 100

126 36.4 18.4 55.2

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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002513.D (-1802) (-)

300000

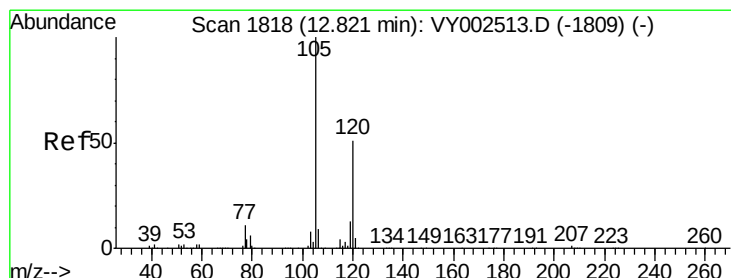
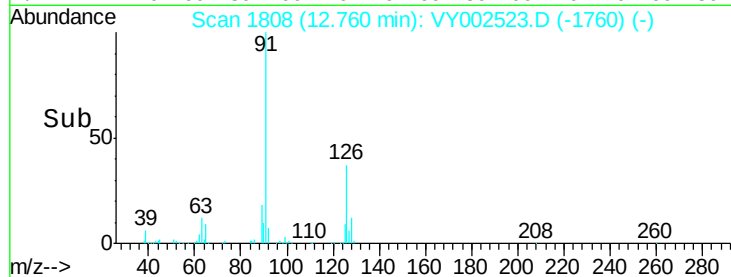
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.317 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002523.D

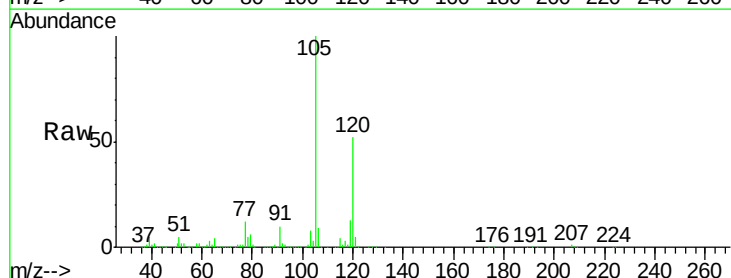
Acq: 01 May 2020 12:53

Tgt Ion: 105 Resp: 307873

Ion Ratio Lower Upper

105 100

120 51.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002513.D (-1809) (-)

250000

200000

150000

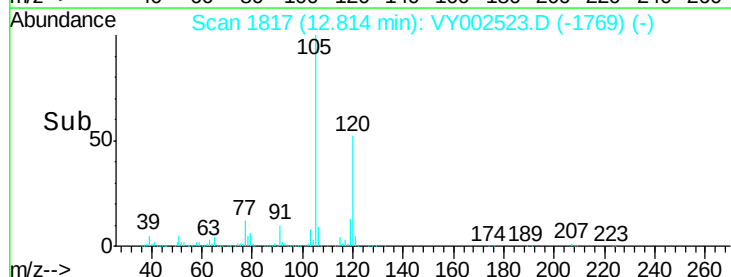
100000

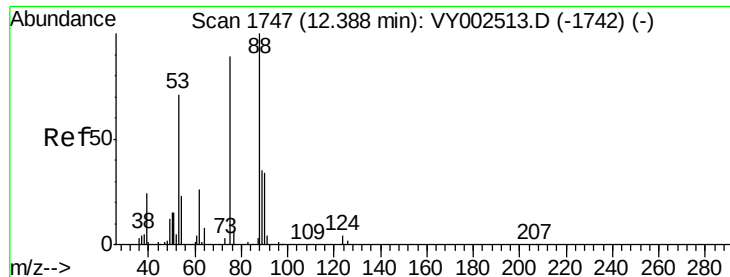
50000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.006 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 75 Resp: 26260

Ion Ratio Lower Upper

75 100

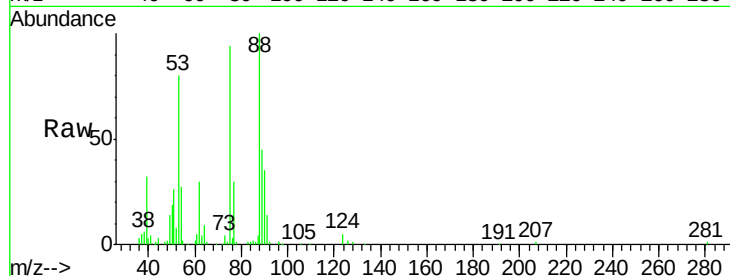
53 84.9 67.4 101.0

89 37.0 37.4 56.0#

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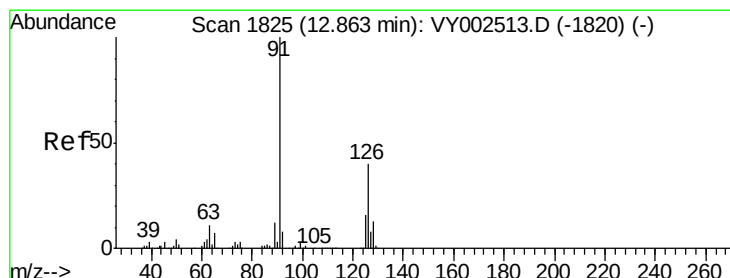
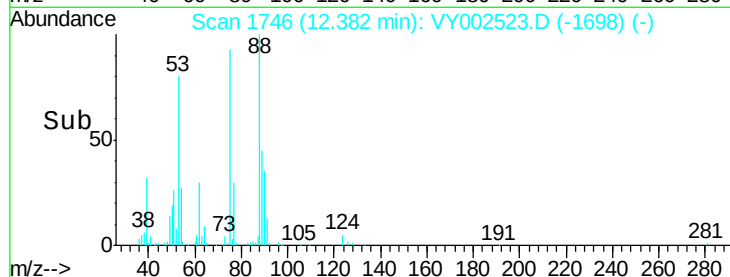
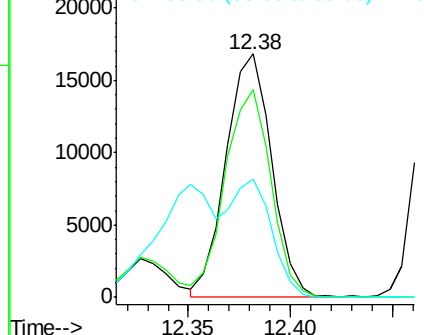
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.476 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002523.D

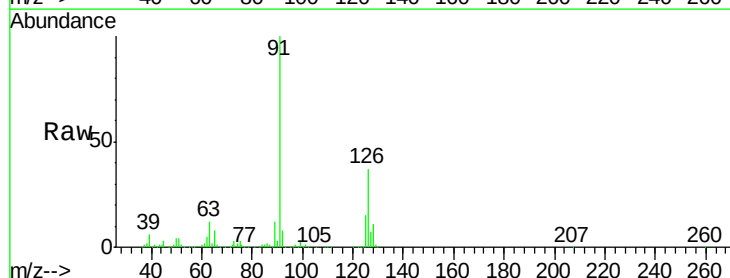
Acq: 01 May 2020 12:53

Tgt Ion: 91 Resp: 252754

Ion Ratio Lower Upper

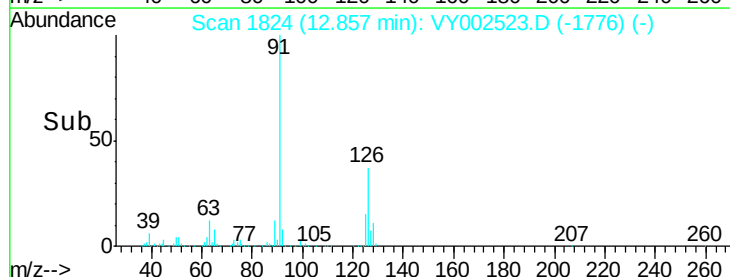
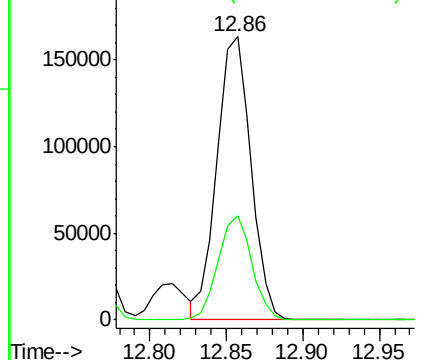
91 100

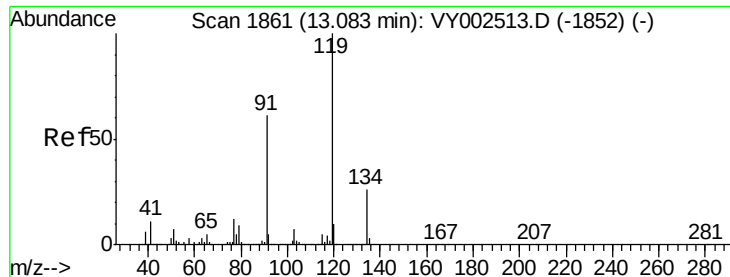
126 36.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





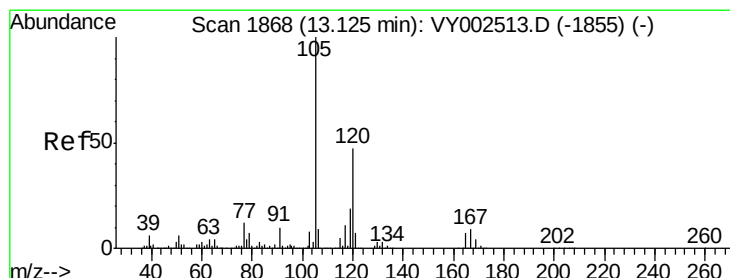
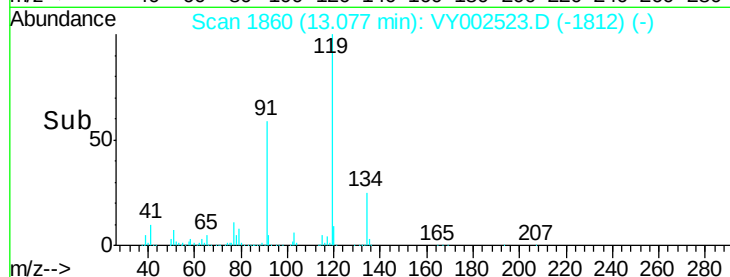
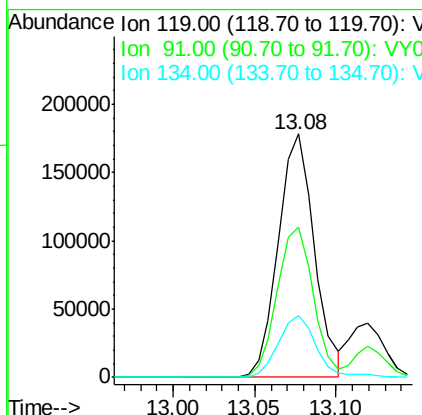
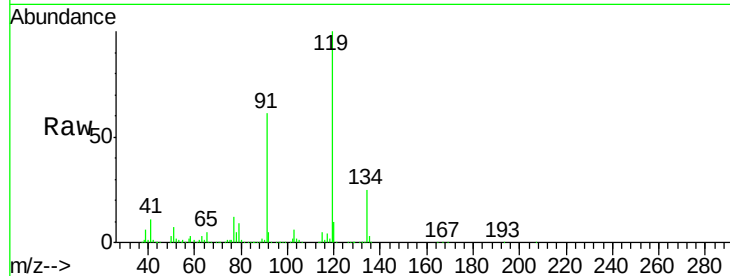
#83
 tert-Butylbenzene
 Concen: 20.571 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	273326		
91	61.8		30.6	91.6
134	26.5		13.5	40.4

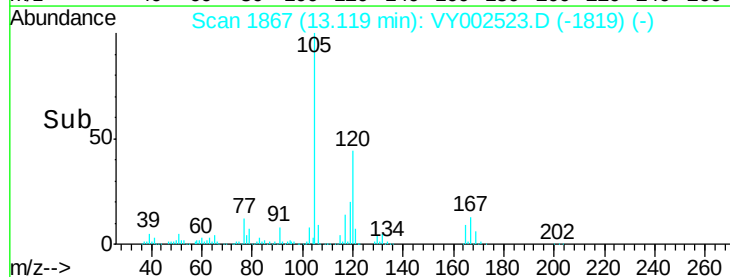
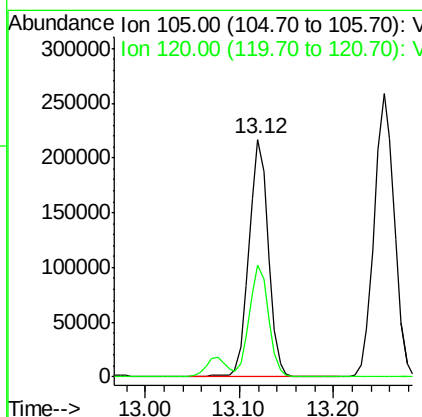
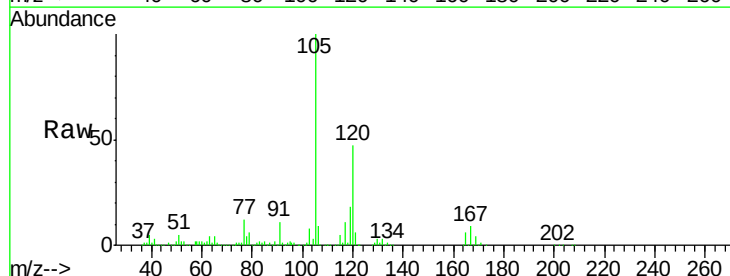
Manual Integrations
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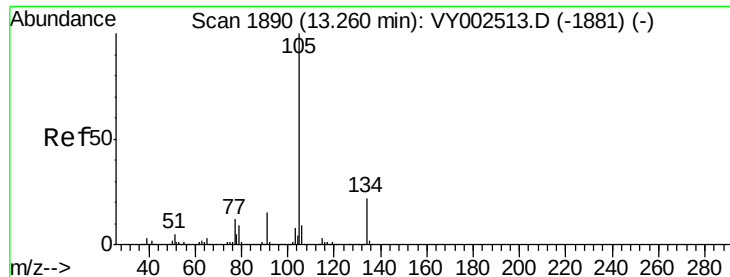
MMDadoda
 5/4/2020 2:19:15 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.722 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	312956		
120	46.6		23.4	70.3





#85

sec-Butylbenzene

Concen: 20.747 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion:105 Resp: 382524

Ion Ratio Lower Upper

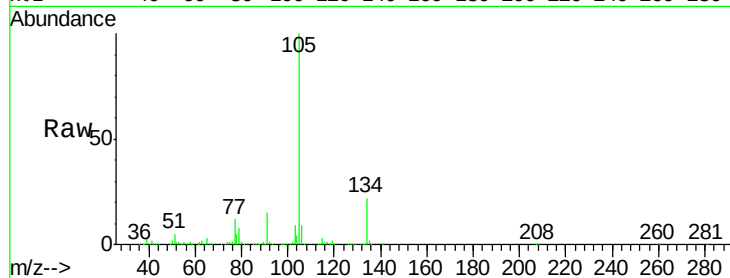
105 100

134 21.4 10.8 32.3

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

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

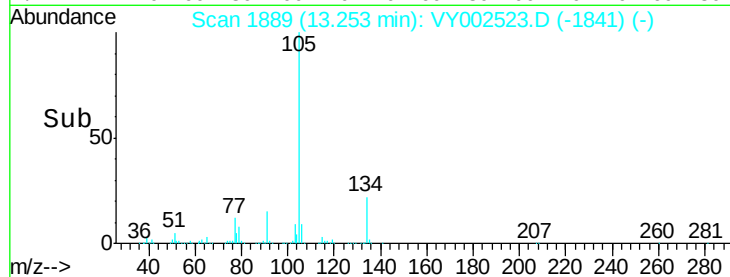
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.560 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002523.D

Acq: 01 May 2020 12:53

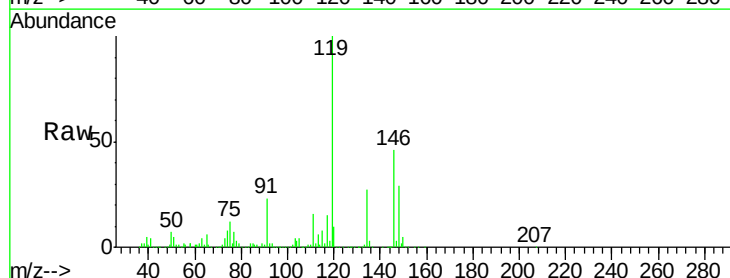
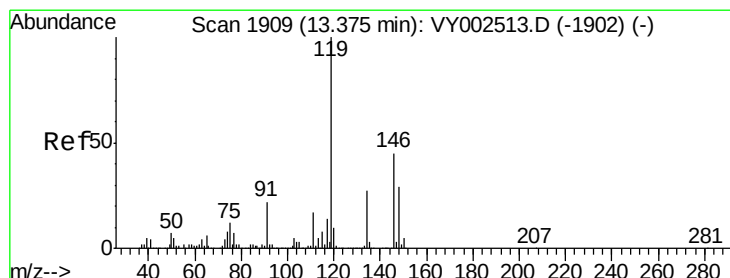
Tgt Ion:119 Resp: 355193

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 22.0 10.9 32.9



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

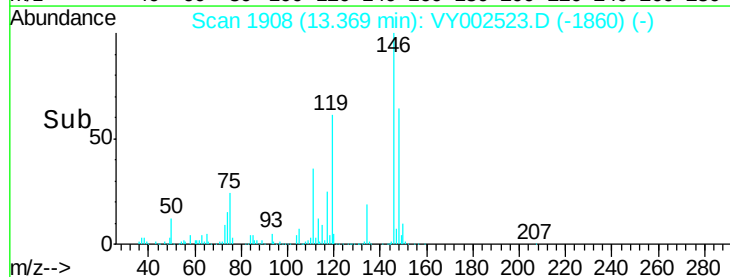
300000

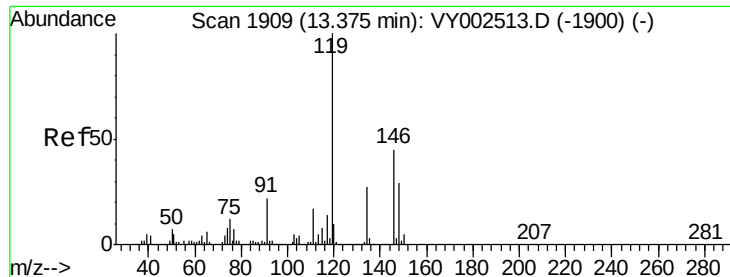
200000

100000

0

Time-->





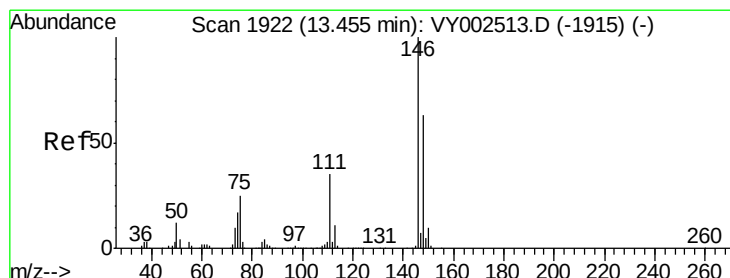
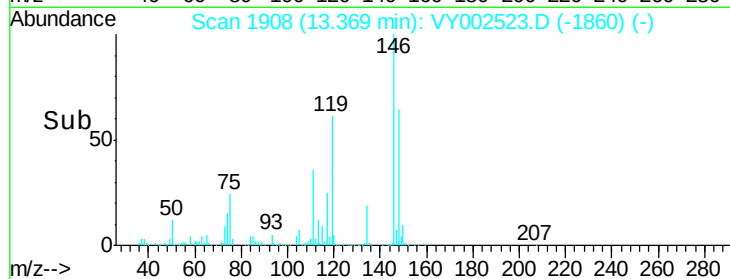
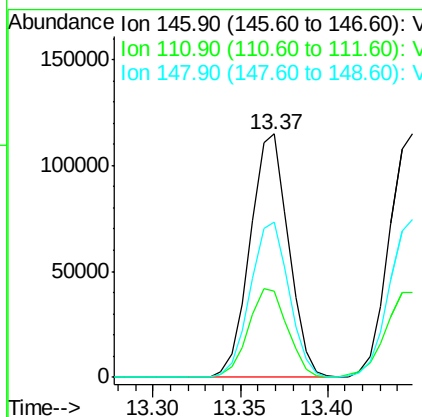
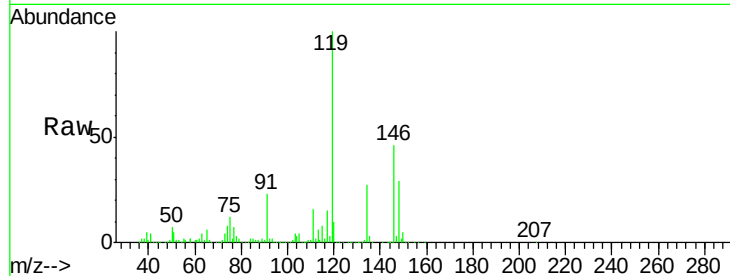
#87
 1,3-Dichlorobenzene
 Concen: 20.326 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	64.0	32.1	96.3

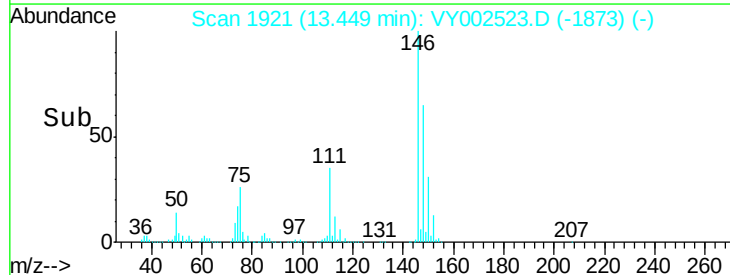
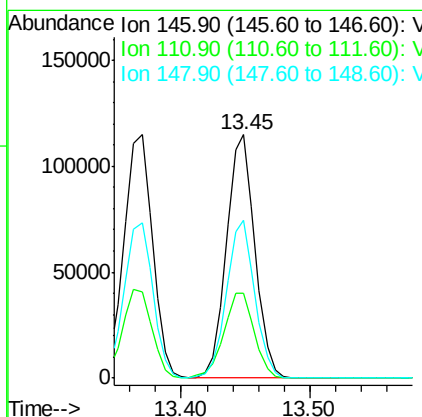
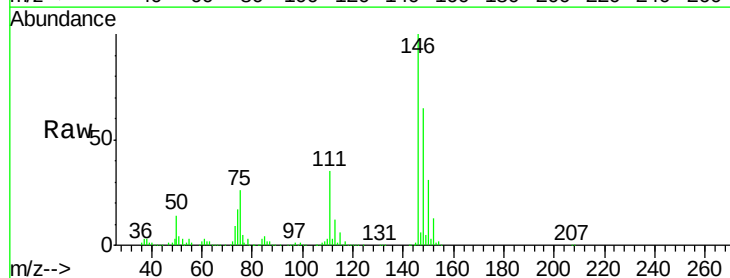
Manual Integrations
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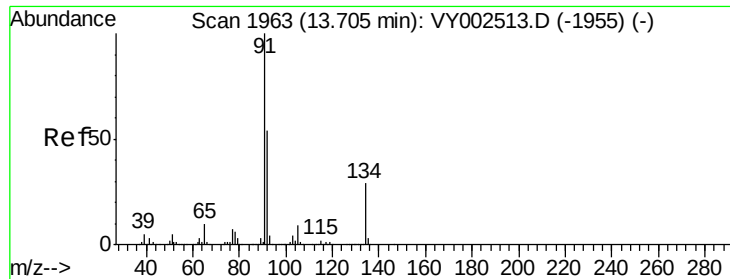
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#88
 1,4-Dichlorobenzene
 Concen: 20.656 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	64.3	31.9	95.5





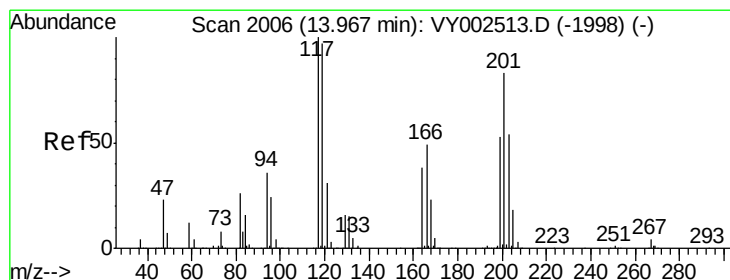
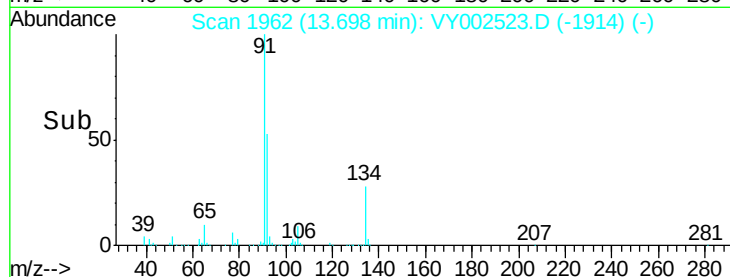
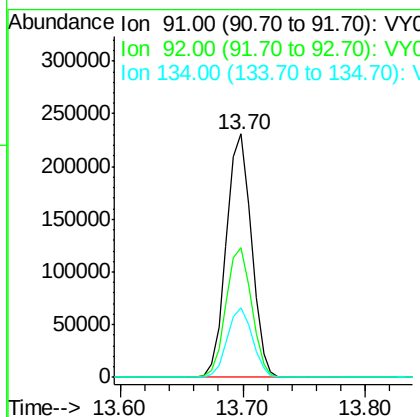
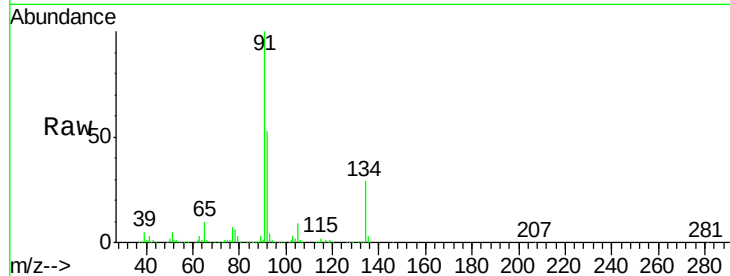
#89
n-Butylbenzene
Concen: 20.860 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.3
134	28.5	14.4	43.0

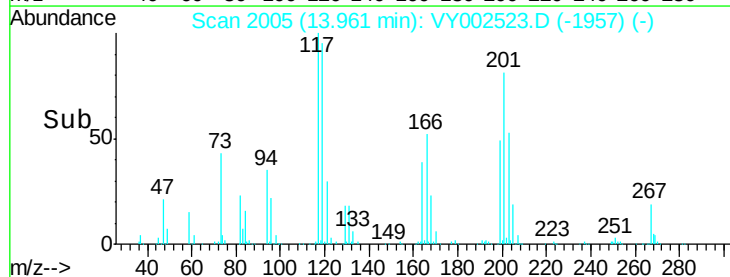
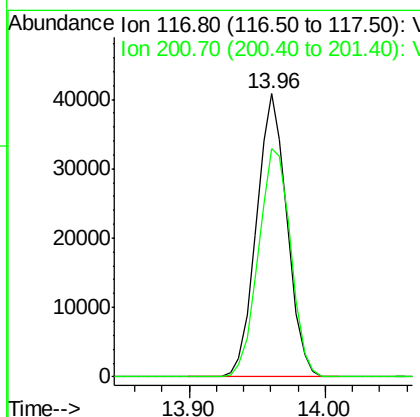
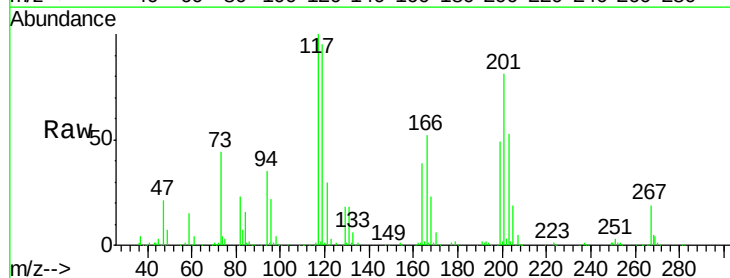
Manual Integrations
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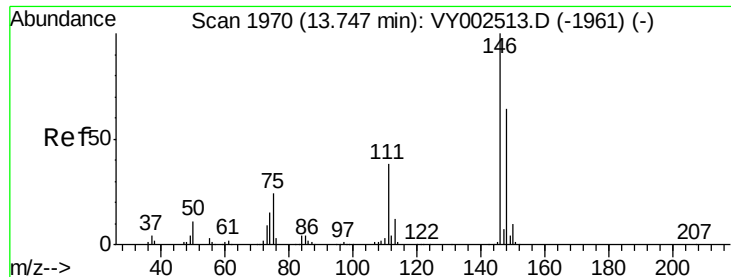
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#90
Hexachloroethane
Concen: 20.455 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	44.4	133.2





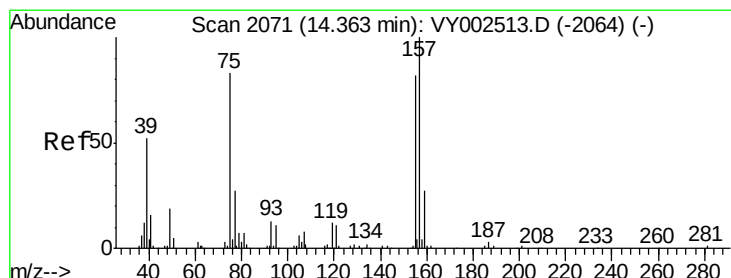
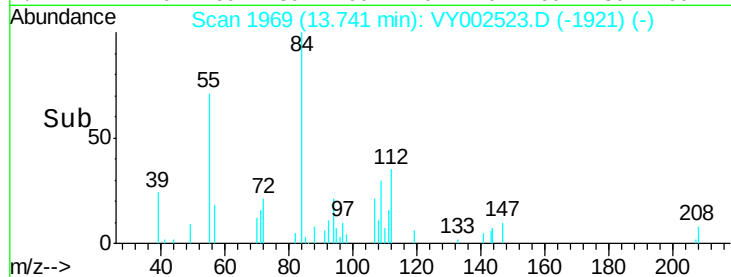
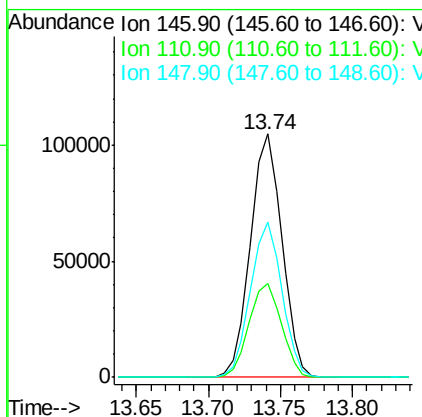
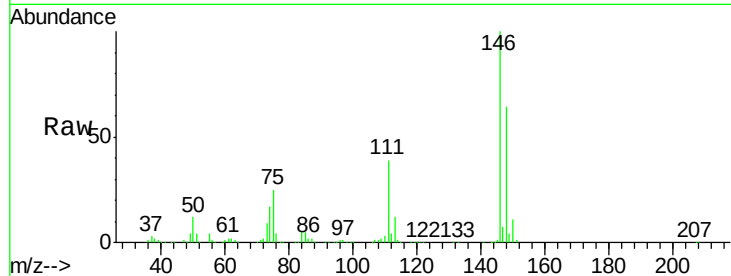
#91
 1,2-Dichlorobenzene
 Concen: 20.577 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158721		
111	39.7	19.1	57.5	
148	63.6	31.9	95.7	

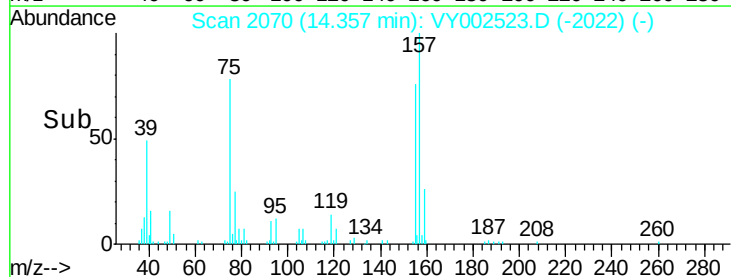
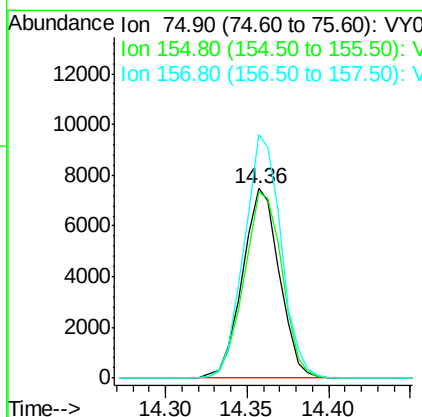
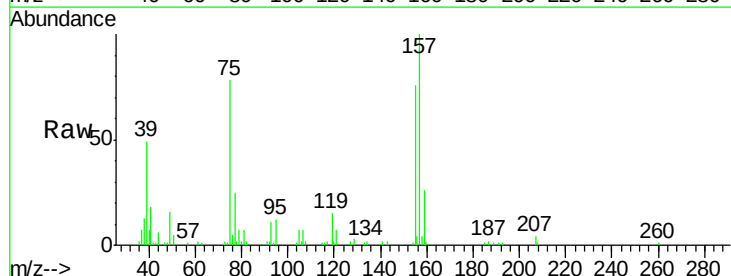
Manual Integrations
 APPROVED

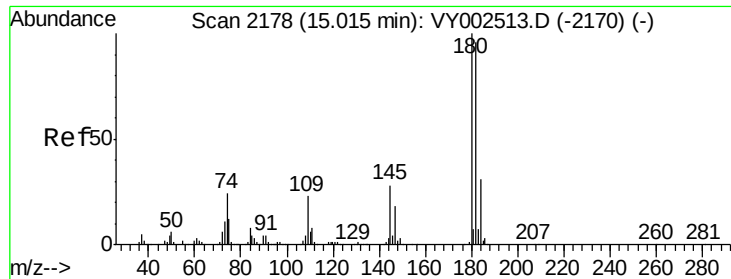
MMDadoda
 5/4/2020 2:19:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.784 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	11806		
155	101.1	51.3	153.9	
157	128.0	65.0	195.0	





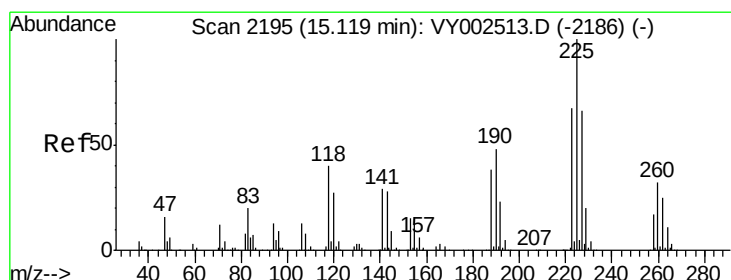
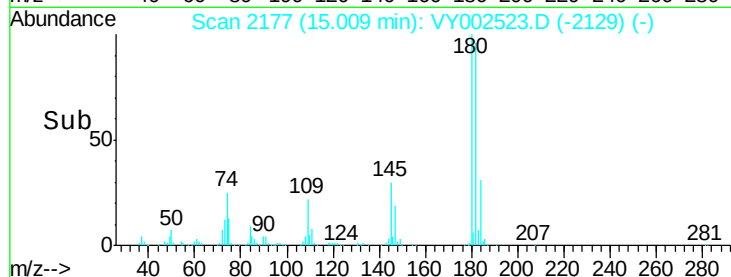
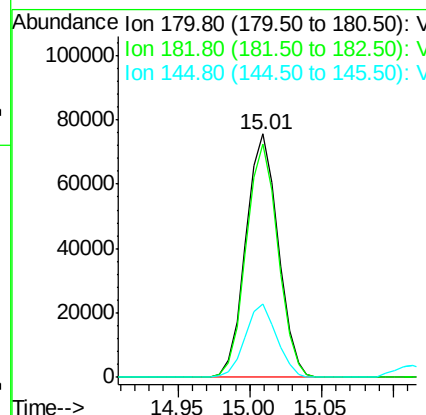
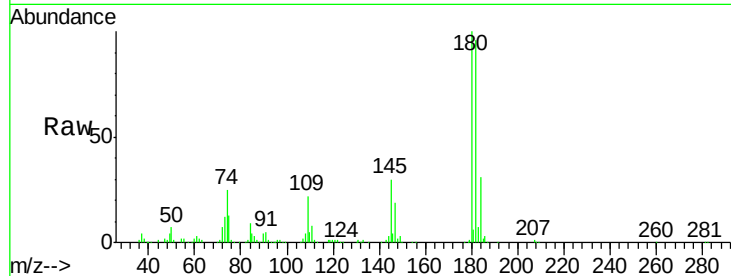
#93
 1,2,4-Trichlorobenzene
 Concen: 20.932 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	117222		
182	94.8	47.9	143.6	
145	29.6	14.4	43.0	

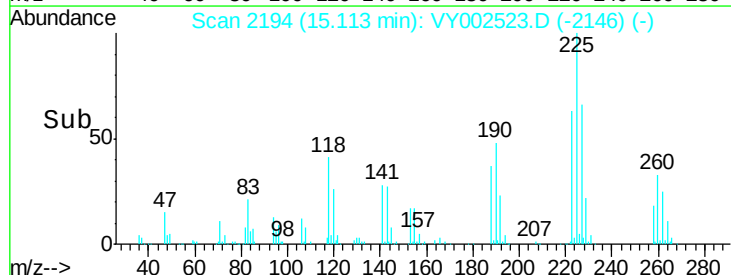
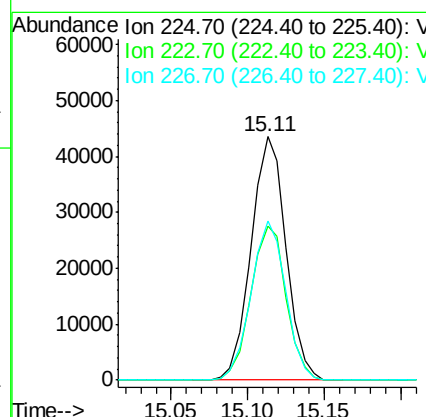
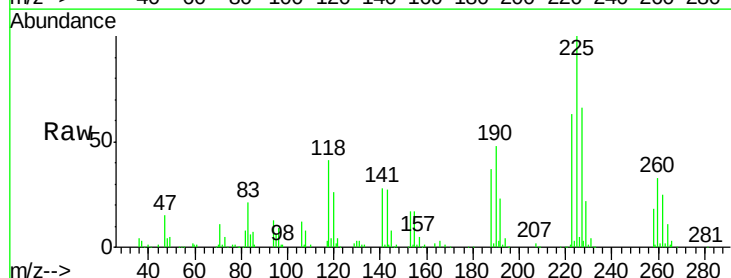
Manual Integrations
 APPROVED

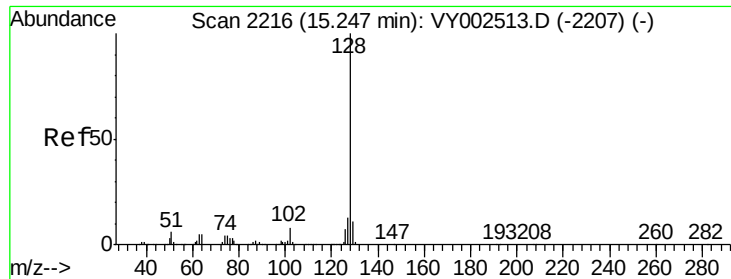
MMDadoda
 5/4/2020 2:19:15 PM



#94
 Hexachlorobutadiene
 Concen: 20.455 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002523.D
 Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68760		
223	64.2	32.1	96.5	
227	65.0	32.0	96.2	





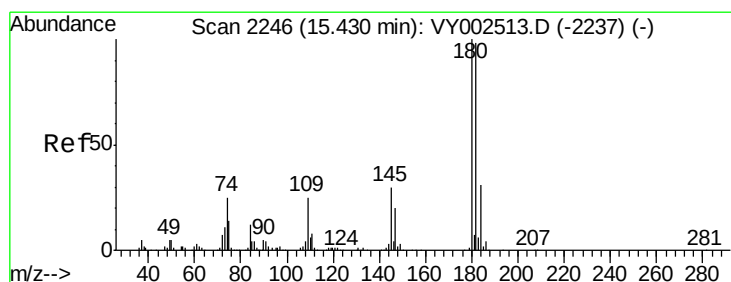
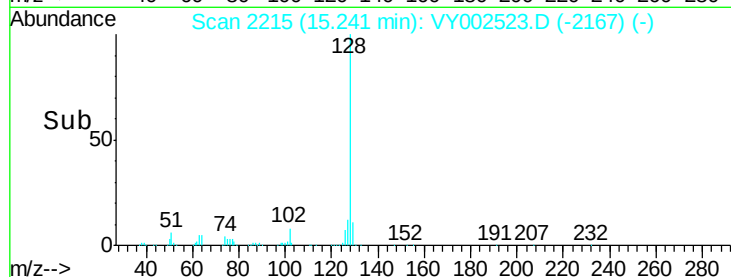
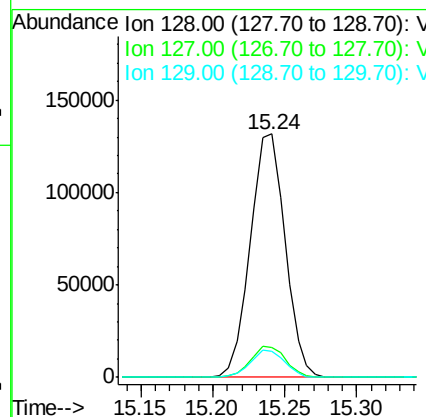
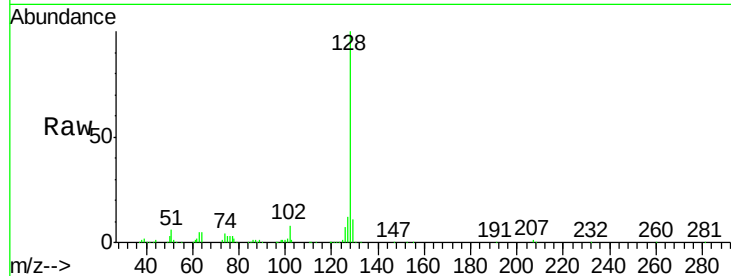
#95
Naphthalene
Concen: 21.519 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	219834		
127	12.8		10.5	15.7
129	11.0		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.103 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002523.D
Acq: 01 May 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	100324		
182	95.3		47.9	143.8
145	30.0		15.0	45.1

