

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050120\
 Data File : VY002520.D
 Acq On : 01 May 2020 11:48
 Operator : SY/MD
 Sample : VY0501SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Manual Integrations
 APPROVED

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 5/4/2020 2:19:11 PM

Quant Time: May 04 13:07:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	367359	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	548826	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	495124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	257498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	175276	56.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.50%	
35) Dibromofluoromethane	7.72	113	177488	56.55	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.10%	
50) Toluene-d8	10.18	98	692465	56.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.98%	
62) 4-Bromofluorobenzene	12.49	95	235683	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	47241	16.792	ug/l	97
3) Chloromethane	2.12	50	56275	18.908	ug/l	99
4) Vinyl Chloride	2.26	62	65083	18.938	ug/l	99
5) Bromomethane	2.65	94	44214	18.656	ug/l	94
6) Chloroethane	2.79	64	38172	18.602	ug/l	100
7) Trichlorofluoromethane	3.13	101	100263	18.824	ug/l	99
8) Diethyl Ether	3.54	74	35322	19.734	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	60801	18.677	ug/l	98
10) Methyl Iodide	4.10	142	78807	17.769	ug/l	99
11) Tert butyl alcohol	4.97	59	30062	94.598	ug/l	100
12) 1,1-Dichloroethene	3.88	96	58704	18.563	ug/l	98
13) Acrolein	3.74	56	19780	90.011	ug/l	96
14) Allyl chloride	4.49	41	88493	19.206	ug/l	99
15) Acrylonitrile	5.17	53	86974	103.038	ug/l	98
16) Acetone	3.96	43	63317	99.326	ug/l	95
17) Carbon Disulfide	4.20	76	169948	17.863	ug/l	99
18) Methyl Acetate	4.49	43	41964	19.702	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	161582	19.584	ug/l	99
20) Methylene Chloride	4.72	84	67221	18.857	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	66422	19.217	ug/l	96
22) Diisopropyl ether	6.13	45	188652	20.235	ug/l	99
23) Vinyl Acetate	6.07	43	586057	99.954	ug/l	99
24) 1,1-Dichloroethane	6.03	63	109059	19.773	ug/l	99
25) 2-Butanone	6.99	43	104076	99.738	ug/l	93
26) 2,2-Dichloropropane	6.99	77	98899	18.864	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	73541	19.229	ug/l	100
28) Bromochloromethane	7.34	49	47533	21.034	ug/l	100
29) Tetrahydrofuran	7.36	42	70266	101.777	ug/l	100
30) Chloroform	7.52	83	112339	19.589	ug/l	100
31) Cyclohexane	7.79	56	101390	18.263	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	102657	19.259	ug/l	99
36) 1,1-Dichloropropene	7.92	75	87419	19.001	ug/l	99
37) Ethyl Acetate	7.08	43	47261	19.990	ug/l	99
38) Carbon Tetrachloride	7.91	117	94936	18.900	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	110158	18.127	ug/l	97
40) Benzene	8.17	78	255088	19.197	ug/l	100
41) Methacrylonitrile	7.34	41	32987m	25.950	ug/l	
42) 1,2-Dichloroethane	8.25	62	72047	19.329	ug/l	100
43) Isopropyl Acetate	8.28	43	87542	19.751	ug/l	99
44) Trichloroethene	8.94	130	79195	19.070	ug/l	95
45) 1,2-Dichloropropane	9.22	63	61674	19.231	ug/l	97
46) Dibromomethane	9.31	93	36000	19.510	ug/l	99
47) Bromodichloromethane	9.50	83	87923m	19.596	ug/l	
48) Methyl methacrylate	9.30	41	40156	20.019	ug/l	98
49) 1,4-Dioxane	9.31	88	10027	410.417	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	232148	101.615	ug/l	99
52) Toluene	10.25	92	164558	19.269	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	91867	19.542	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	105436	19.401	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	53754	19.977	ug/l	98
56) Ethyl methacrylate	10.52	69	69668	19.462	ug/l	100
57) 1,3-Dichloropropane	10.80	76	90094	19.743	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	196428	104.055	ug/l	99
59) 2-Hexanone	10.84	43	158849	101.022	ug/l	99
60) Dibromochloromethane	10.99	129	67158	19.623	ug/l	100
61) 1,2-Dibromoethane	11.10	107	52419	19.674	ug/l	99
64) Tetrachloroethene	10.72	164	86406	19.641	ug/l	99
65) Chlorobenzene	11.52	112	183717	19.519	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	69397	19.862	ug/l	98
67) Ethyl Benzene	11.60	91	323249	19.551	ug/l	100
68) m/p-Xylenes	11.70	106	246912	38.597	ug/l	98
69) o-Xylene	12.03	106	116959	19.527	ug/l	100
70) Styrene	12.05	104	200519	19.583	ug/l	99
71) Bromoform	12.21	173	43024	19.840	ug/l #	100
73) Isopropylbenzene	12.33	105	320023	19.176	ug/l	100
74) N-amyl acetate	12.15	43	80327	20.009	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	52761	19.879	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	49782m	21.755	ug/l	
77) Bromobenzene	12.61	156	80134	19.220	ug/l	99
78) n-propylbenzene	12.67	91	373828	19.303	ug/l	100
79) 2-Chlorotoluene	12.76	91	205579	19.163	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	269635	19.492	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22046	19.318	ug/l	97
82) 4-Chlorotoluene	12.86	91	218288	19.371	ug/l	99
83) tert-Butylbenzene	13.08	119	239075	19.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	269479	19.547	ug/l	100
85) sec-Butylbenzene	13.26	105	325712	19.352	ug/l	100
86) p-Isopropyltoluene	13.38	119	308760	19.578	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	154003	19.516	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	155326	19.878	ug/l	99
89) n-Butylbenzene	13.70	91	281802	19.629	ug/l	99
90) Hexachloroethane	13.97	117	56745	19.758	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	138743	19.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9584	19.372	ug/l	98

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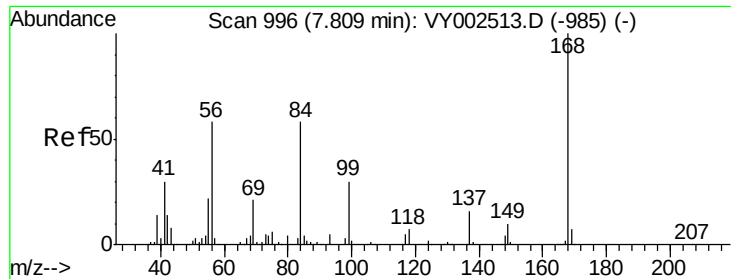
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100903	19.738	ug/l	99
94) Hexachlorobutadiene	15.12	225	60265	19.639	ug/l	99
95) Naphthalene	15.24	128	184422	19.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	84409	19.450	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion:168 Resp: 367359

Ion Ratio Lower Upper

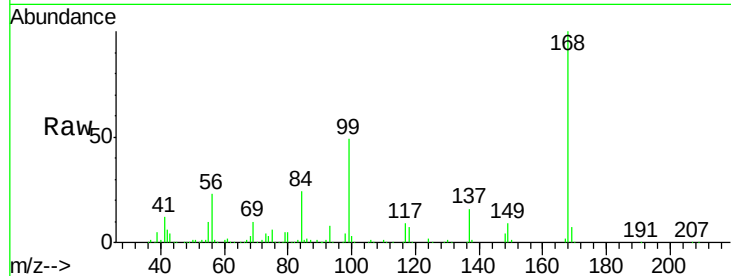
168 100

99 48.8 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

150000

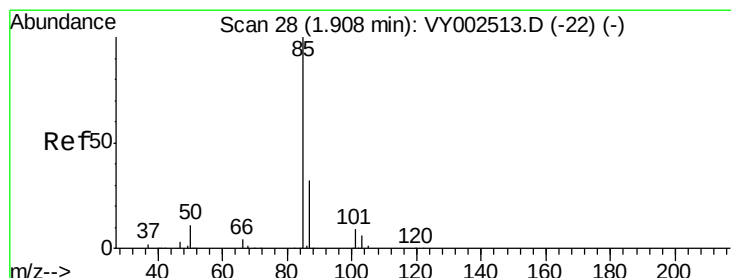
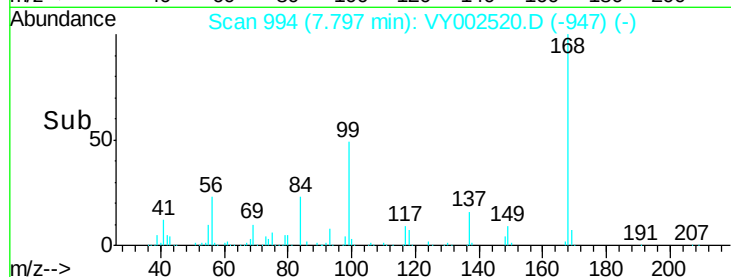
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.792 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002520.D

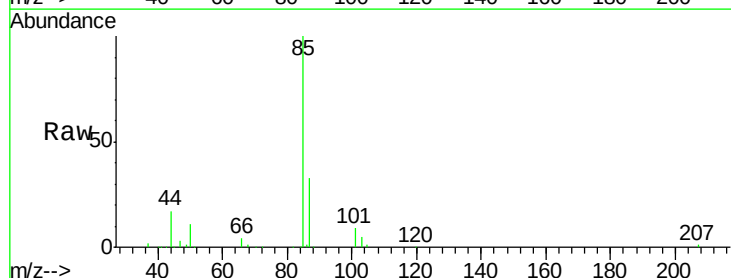
Acq: 01 May 2020 11:48

Tgt Ion: 85 Resp: 47241

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

30000

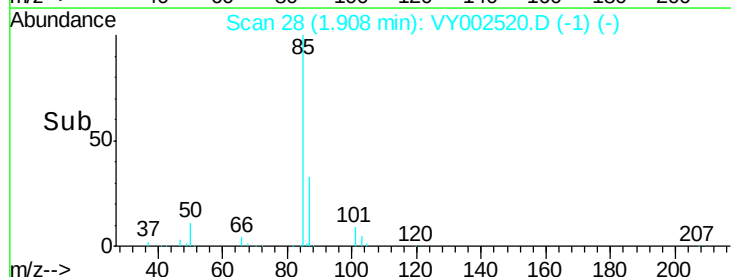
20000

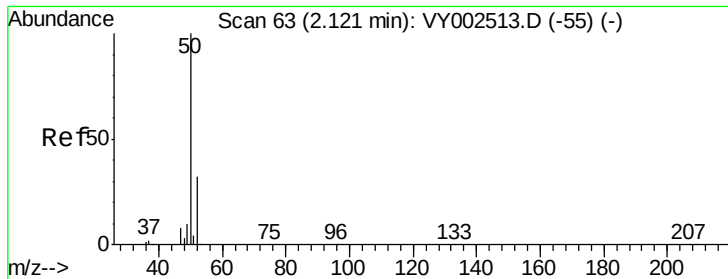
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.908 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 50 Resp: 56275

Ion Ratio Lower Upper

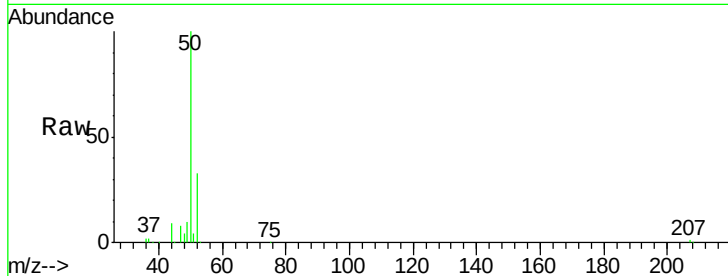
50 100

52 32.7 25.9 38.9

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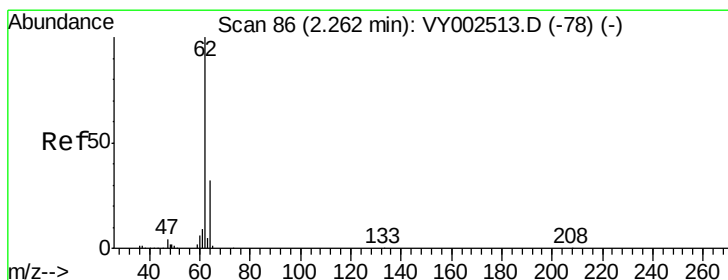
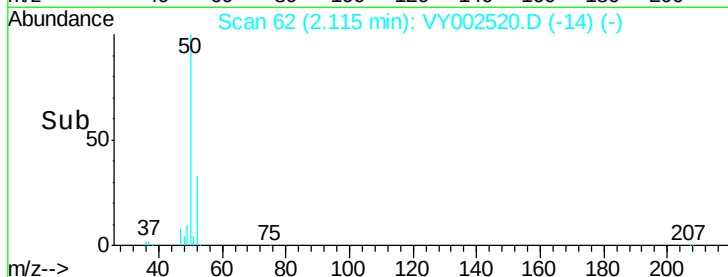
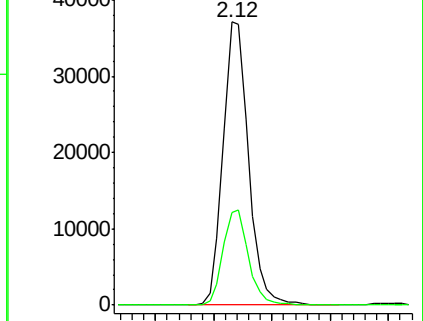
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.938 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002520.D

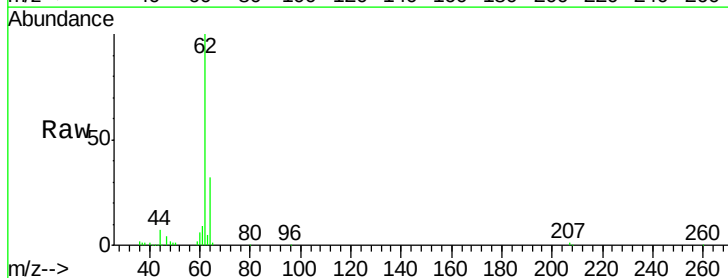
Acq: 01 May 2020 11:48

Tgt Ion: 62 Resp: 65083

Ion Ratio Lower Upper

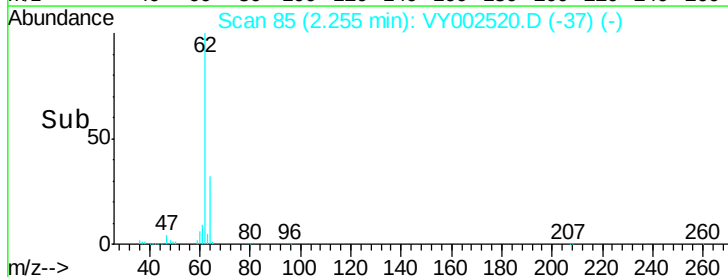
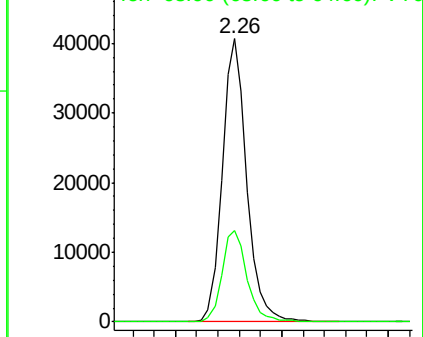
62 100

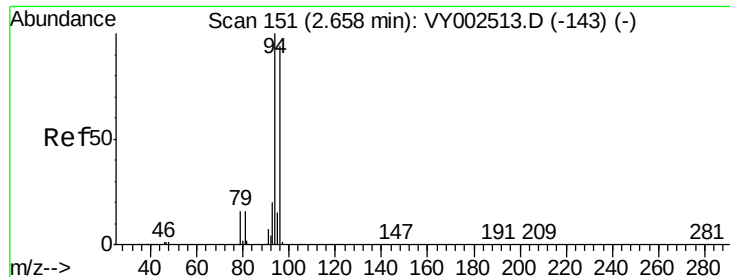
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.656 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 94 Resp: 44214

Ion Ratio Lower Upper

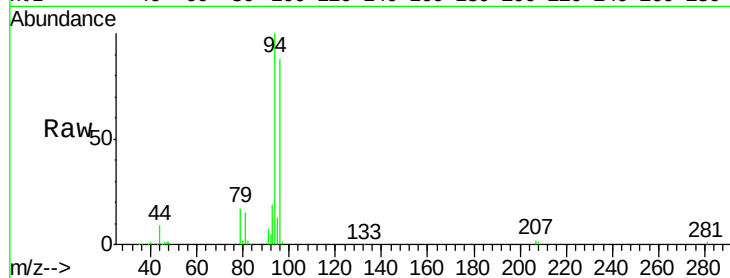
94 100

96 87.7 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

2.65

20000

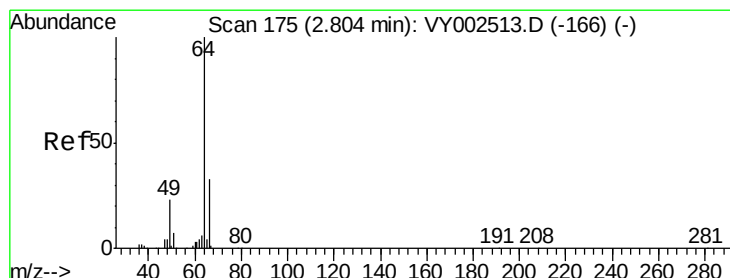
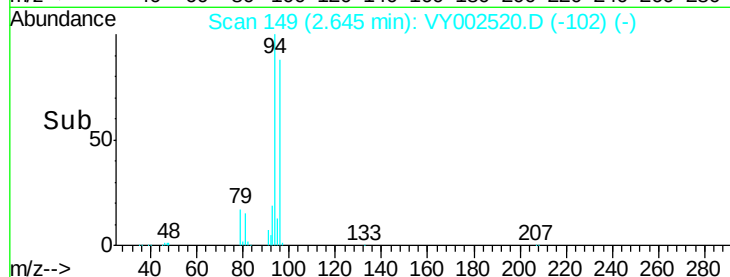
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.602 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002520.D

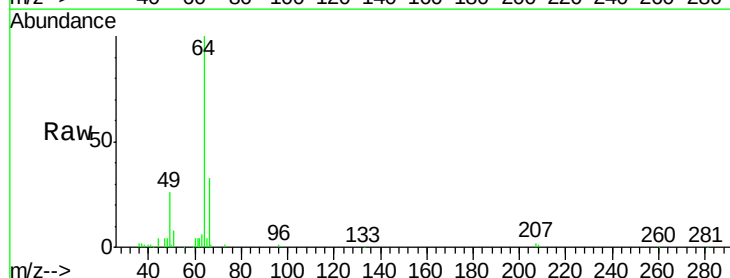
Acq: 01 May 2020 11:48

Tgt Ion: 64 Resp: 38172

Ion Ratio Lower Upper

64 100

66 32.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

20000

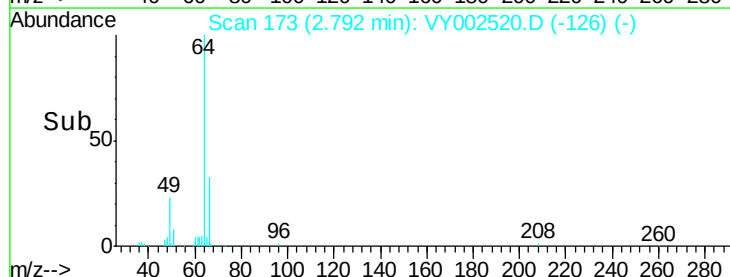
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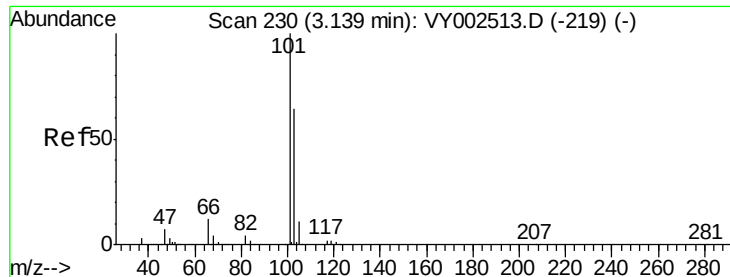
10000

5000

0

Time-->





#7

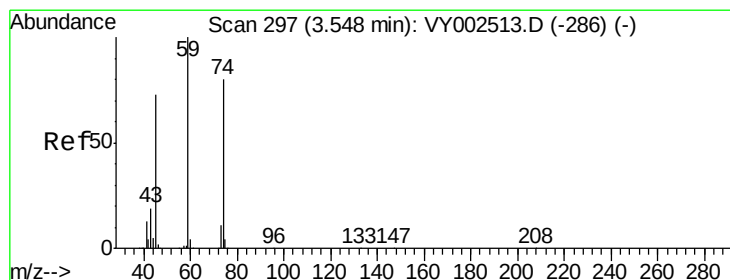
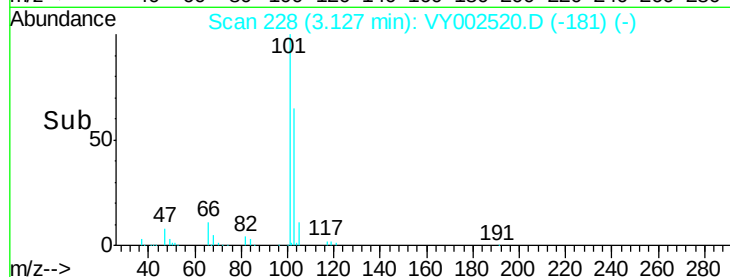
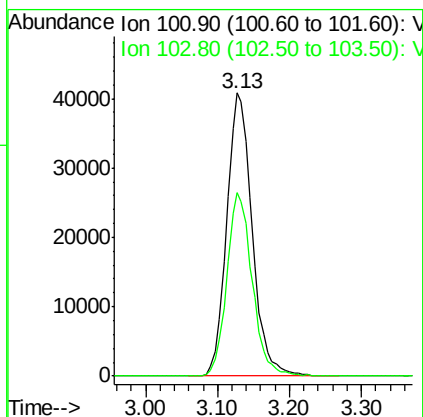
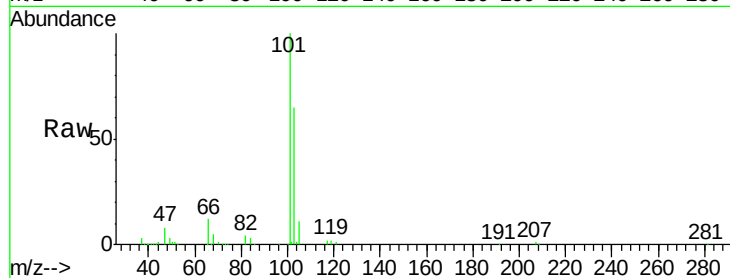
Trichlorofluoromethane
Concen: 18.824 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

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VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	100263		
103	64.9	51.4	77.0	

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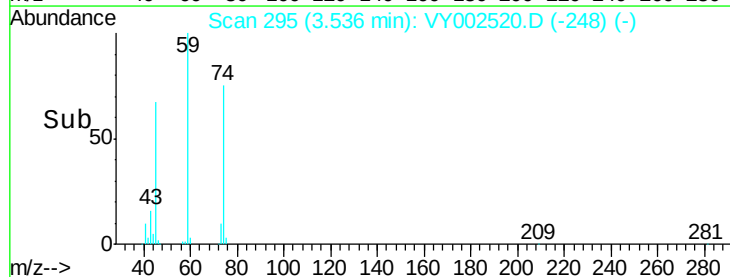
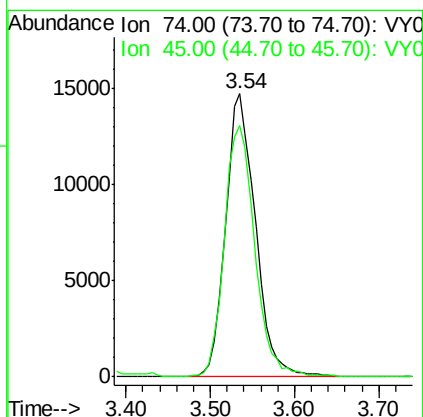
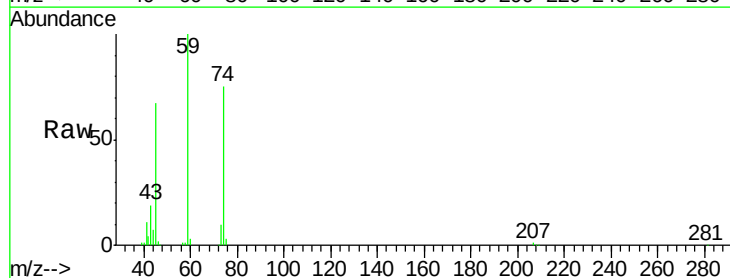
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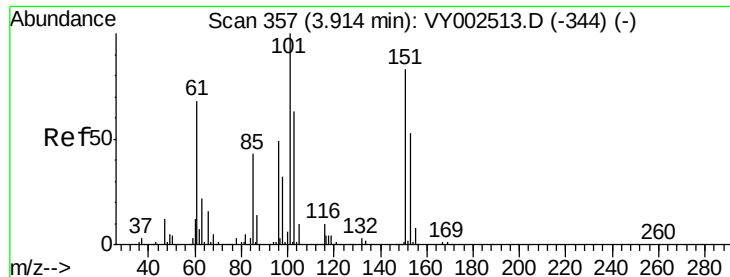


#8

Diethyl Ether
Concen: 19.734 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	35322		
45	90.9	46.2	138.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.677 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002520.D

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MSVOA_Y

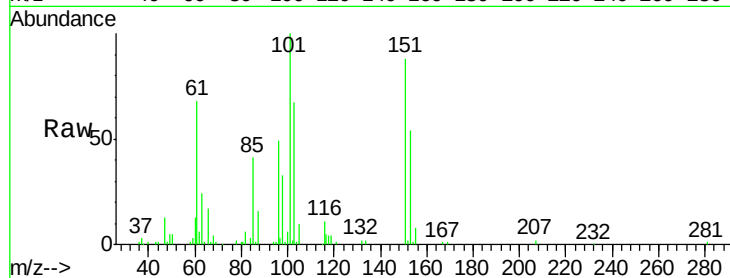
ClientSampleId :

VY0501SBS01

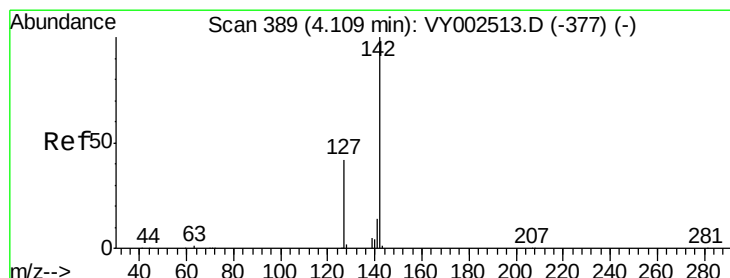
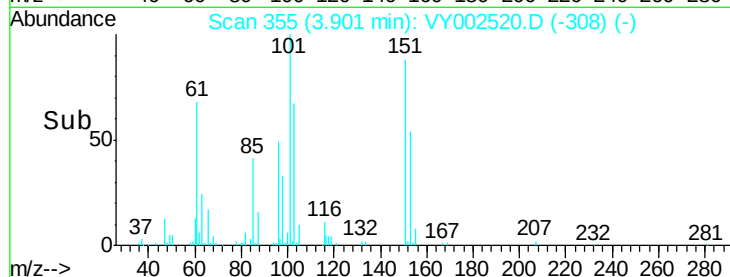
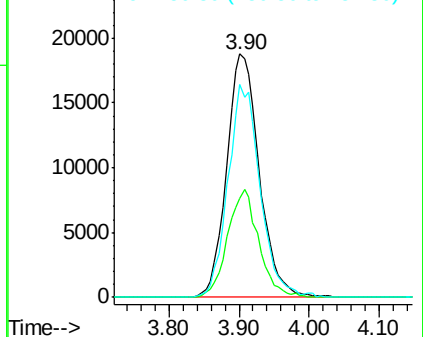
Tot Ion:	101	Resp:	60801
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.4	50.2
151	86.4	66.8	100.2

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.769 ug/l

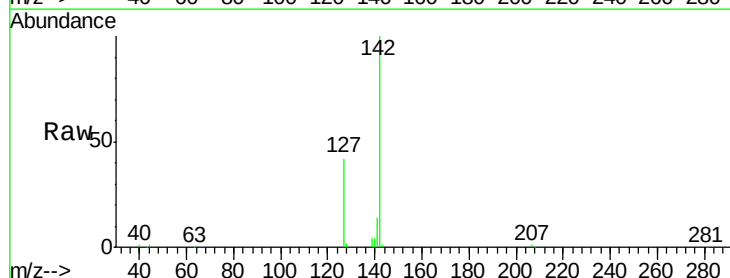
RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

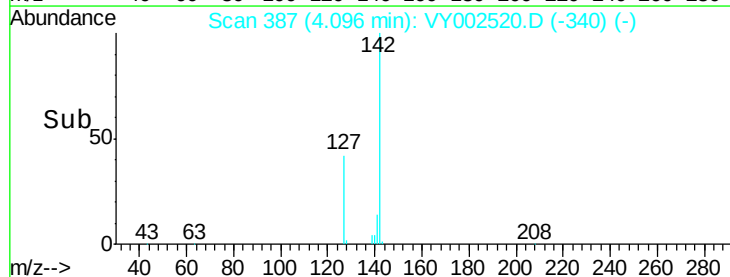
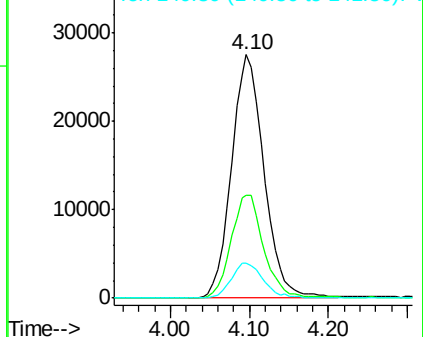
Lab File: VY002520.D

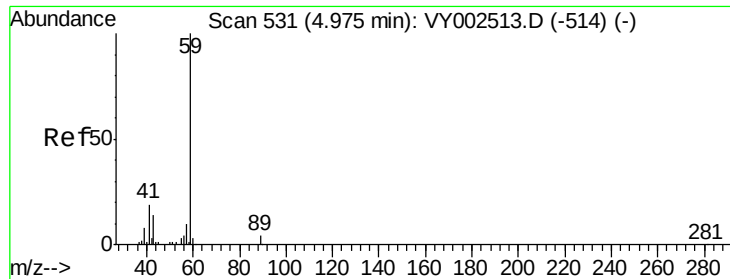
Acq: 01 May 2020 11:48

Tgt Ion:	142	Resp:	78807
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.7	50.5
141	14.4	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

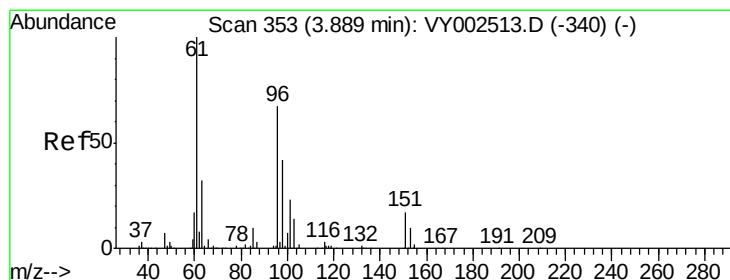
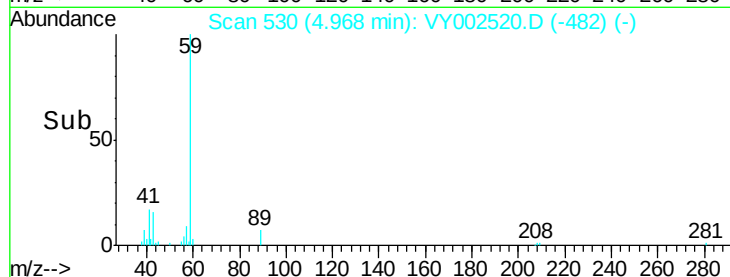
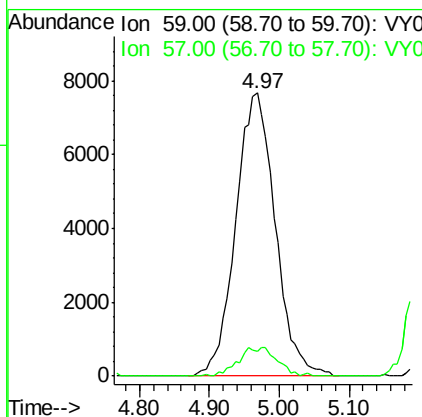
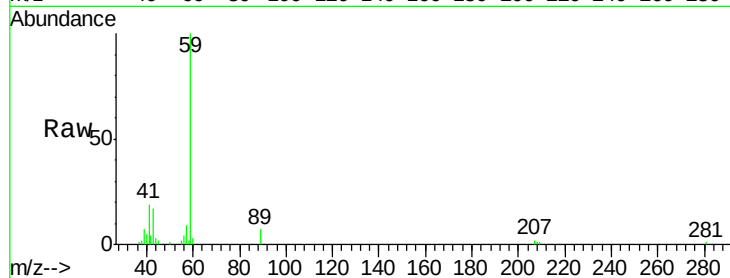
Tert butyl alcohol
 Concen: 94.598 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.6

Manual Integrations
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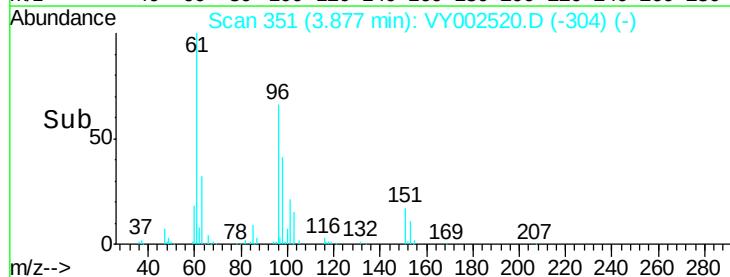
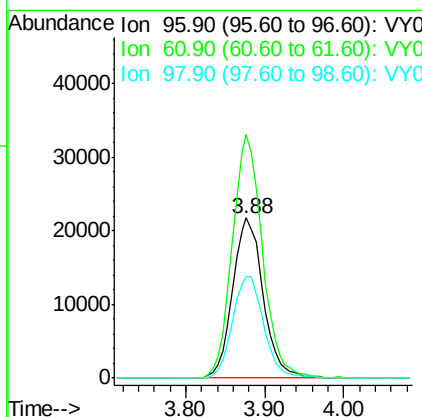
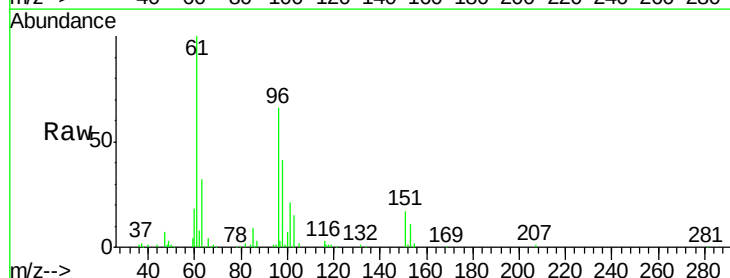
MMDadoda
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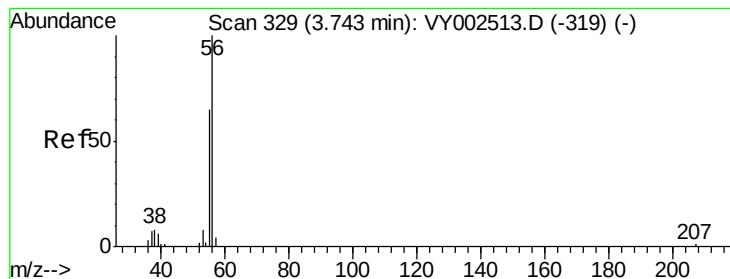


#12

1,1-Dichloroethene
 Concen: 18.563 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.9	118.8	178.2
98	62.9	49.6	74.4





#13

Acrolein

Concen: 90.011 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 56 Resp: 19780

Ion Ratio Lower Upper

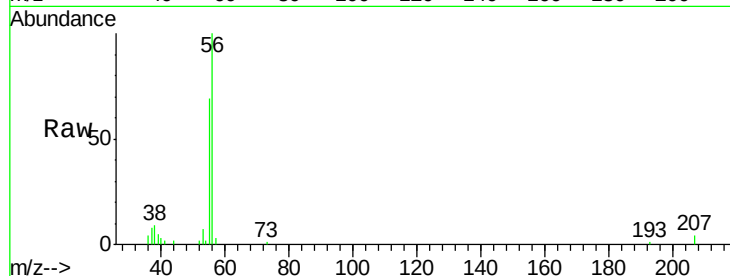
56 100

55 70.2 53.8 80.6

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

8000

6000

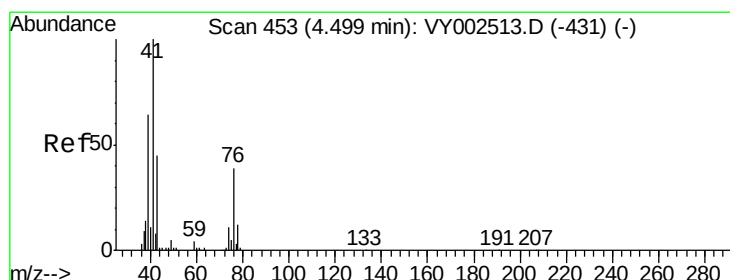
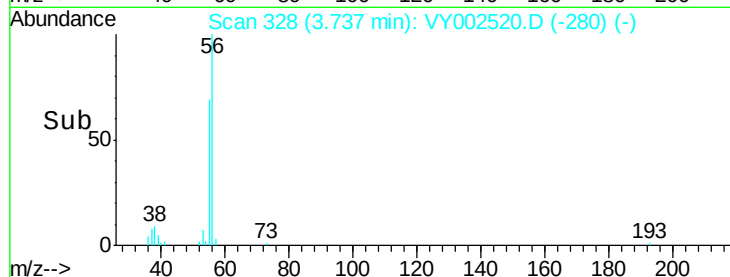
4000

2000

0

3.70 3.80

Time-->



#14

Allyl chloride

Concen: 19.206 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

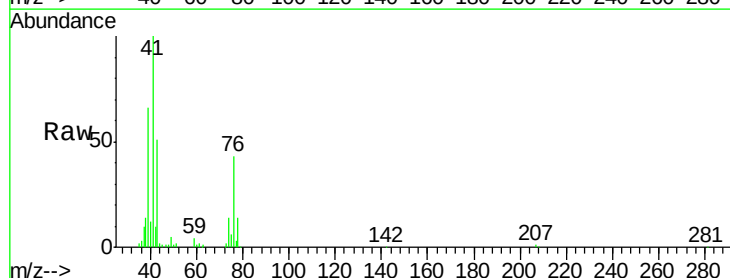
Tgt Ion: 41 Resp: 88493

Ion Ratio Lower Upper

41 100

39 65.2 51.8 77.6

76 39.1 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

30000

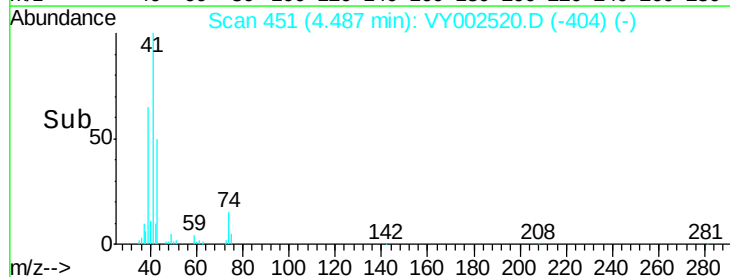
20000

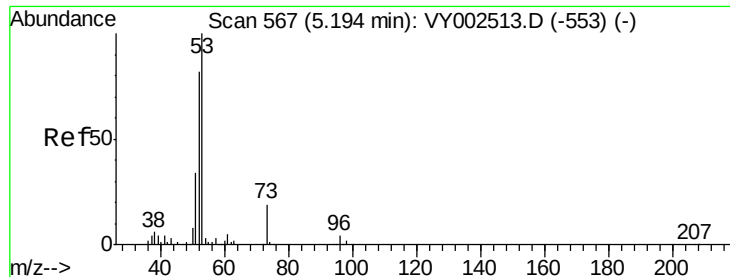
10000

0

4.30 4.40 4.50 4.60

Time-->





#15

Acrylonitrile

Concen: 103.038 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.02 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

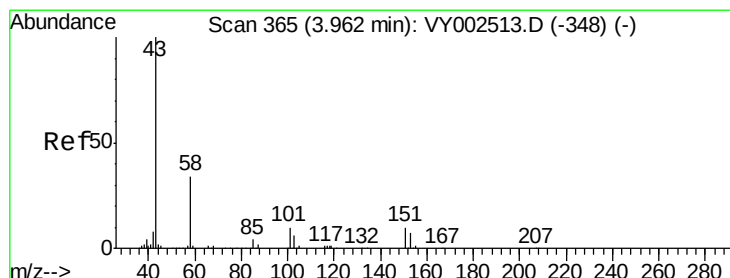
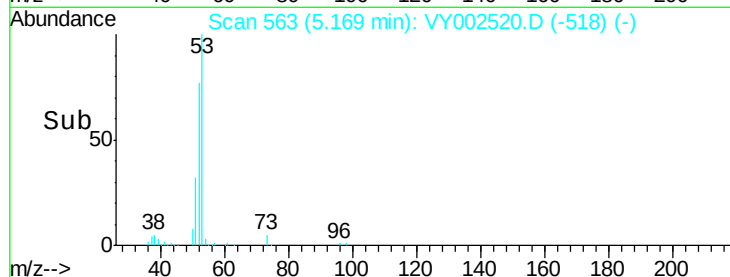
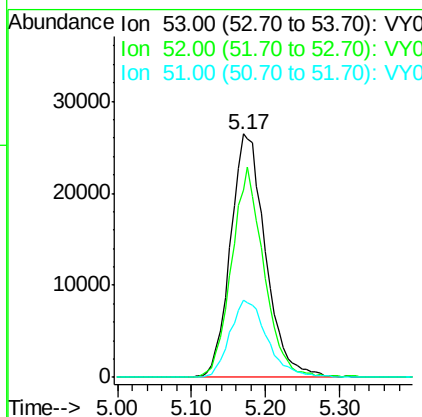
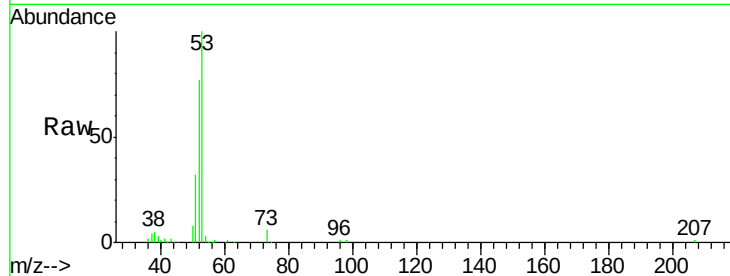
ClientSampleId :

VY0501SBS01

Tot Ion:	53	Resp:	86974
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.4	98.0
51	33.9	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 99.326 ug/l

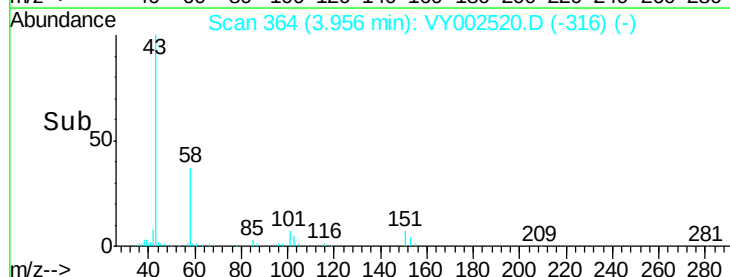
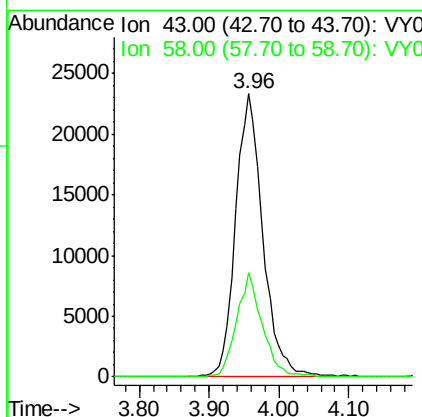
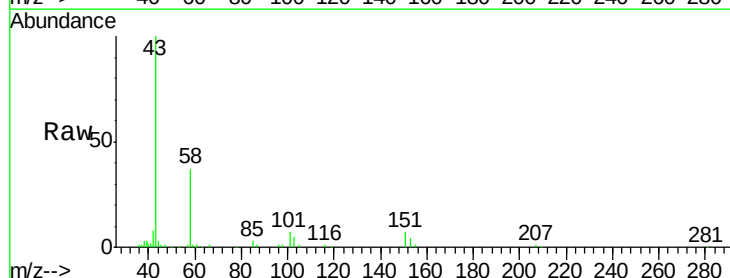
RT: 3.96 min Scan# 364

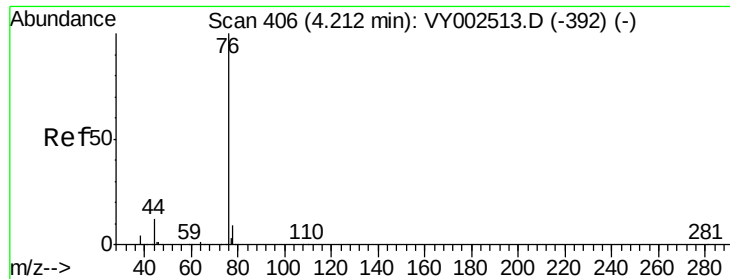
Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Tgt Ion:	43	Resp:	63317
Ion	Ratio	Lower	Upper
43	100		
58	36.7	26.9	40.3





#17

Carbon Disulfide

Concen: 17.863 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 76 Resp: 169948

Ion Ratio Lower Upper

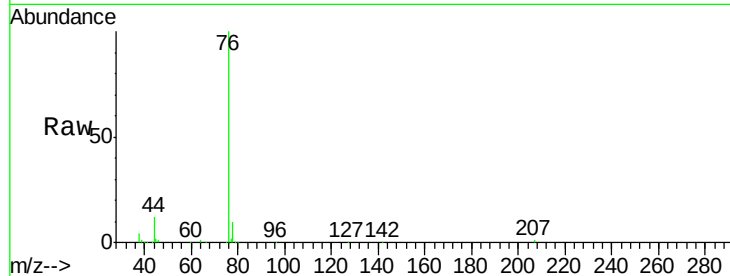
76 100

78 9.8 7.4 11.2

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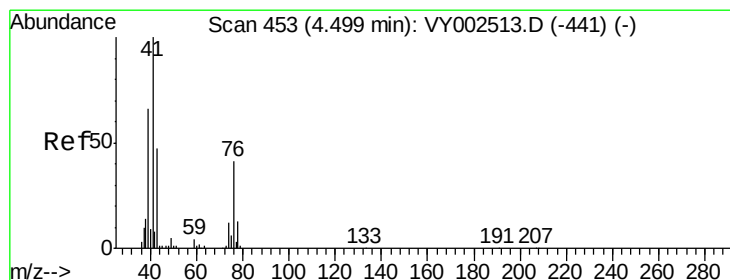
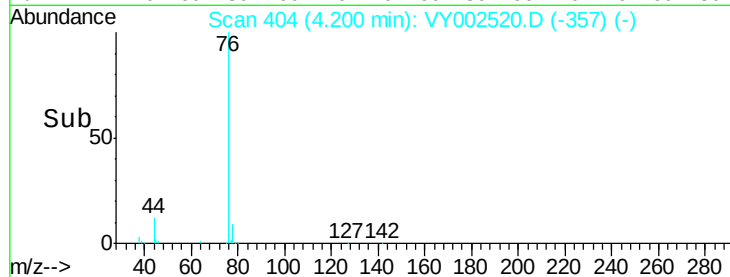
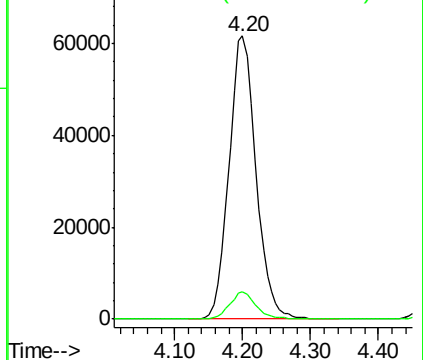
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.702 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002520.D

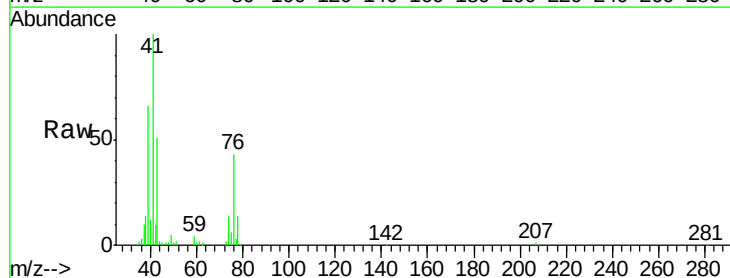
Acq: 01 May 2020 11:48

Tgt Ion: 43 Resp: 41964

Ion Ratio Lower Upper

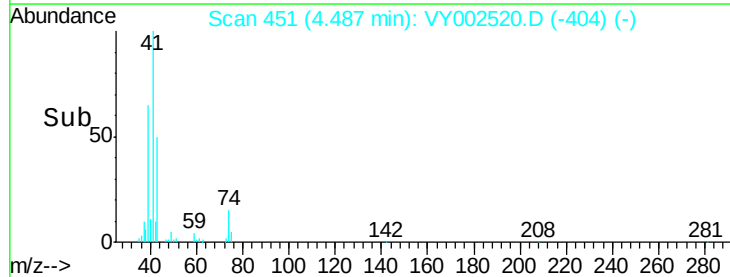
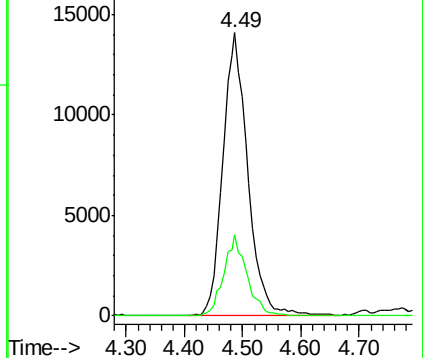
43 100

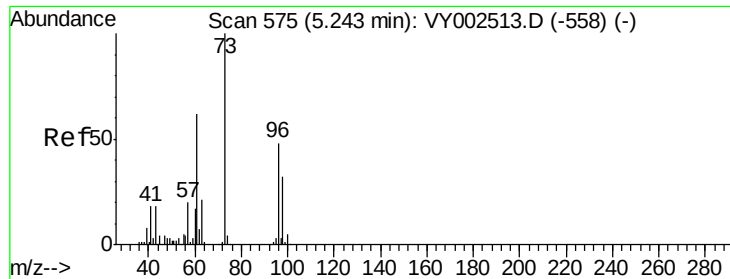
74 26.3 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





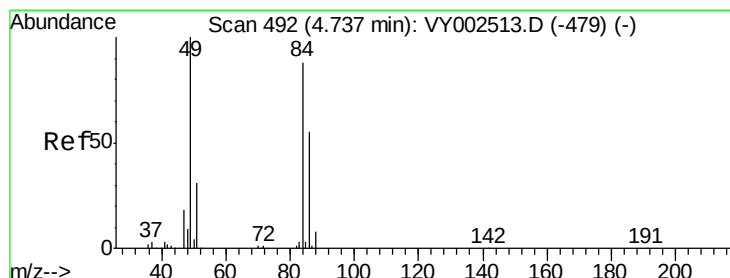
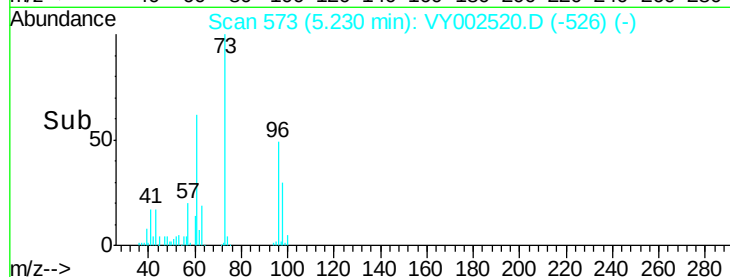
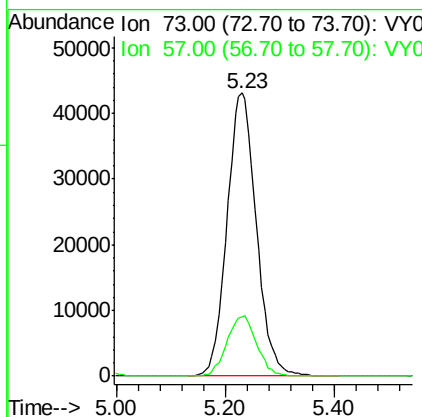
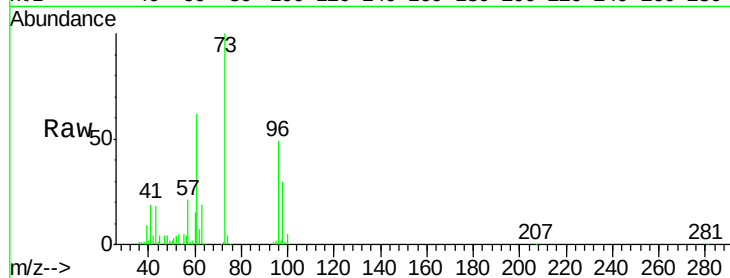
#19
Methyl tert-butyl Ether
Concen: 19.584 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion: 73 Resp: 161582
Ion Ratio Lower Upper
73 100
57 21.0 16.3 24.5

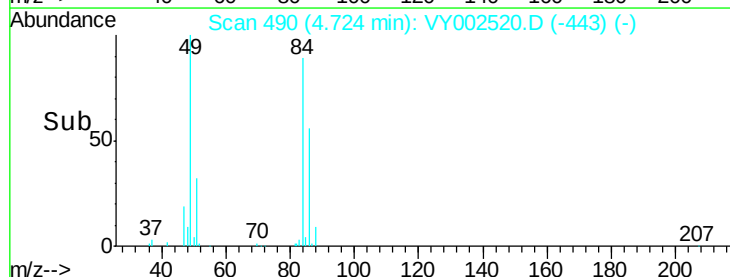
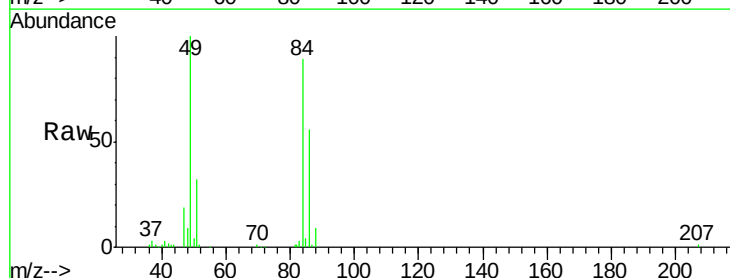
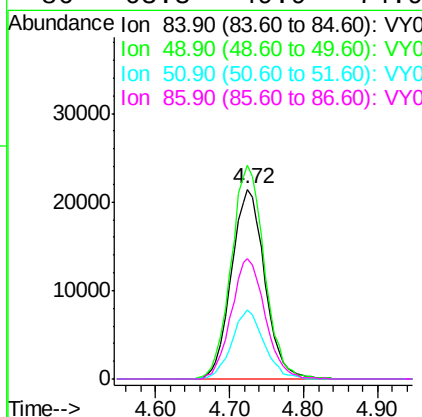
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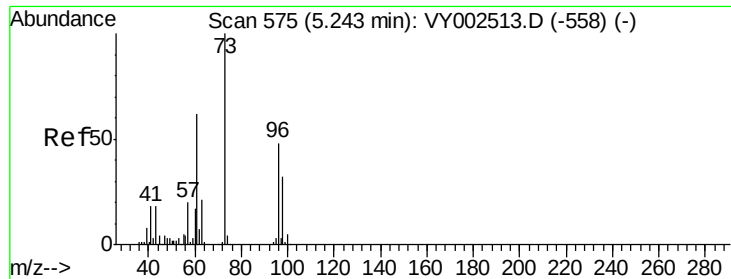
MMDadoda
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#20
Methylene Chloride
Concen: 18.857 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion: 84 Resp: 67221
Ion Ratio Lower Upper
84 100
49 112.7 90.5 135.7
51 36.3 28.3 42.5
86 63.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.217 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

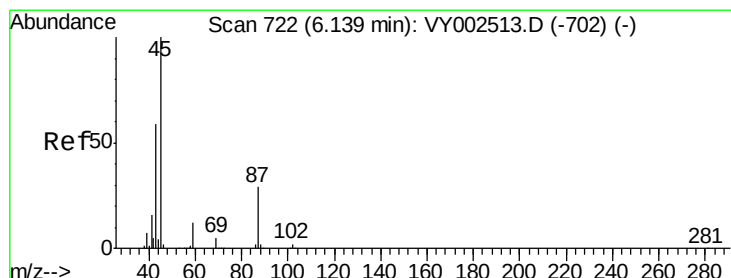
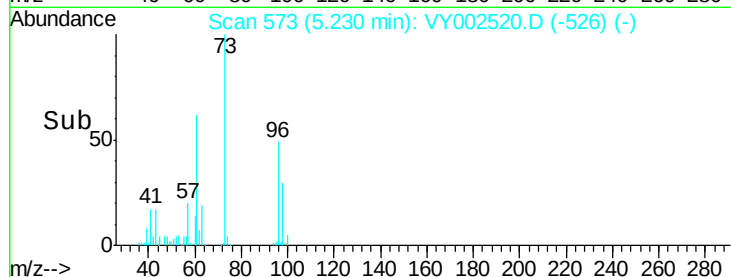
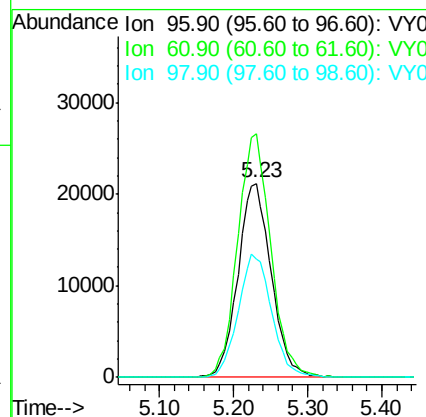
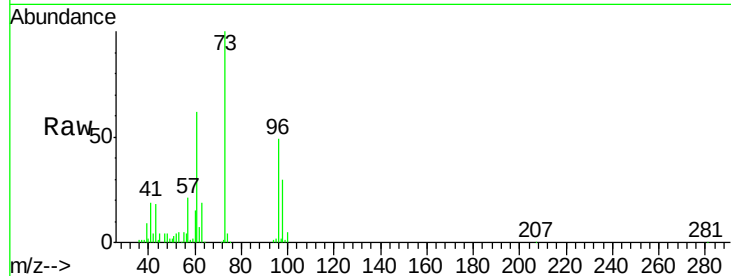
ClientSampleId :

VY0501SBS01

Tot Ion:	96	Resp:	66422
Ion	Ratio	Lower	Upper
96	100		
61	125.4	102.0	153.0
98	60.6	53.0	79.4

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#22

Diisopropyl ether

Concen: 20.235 ug/l

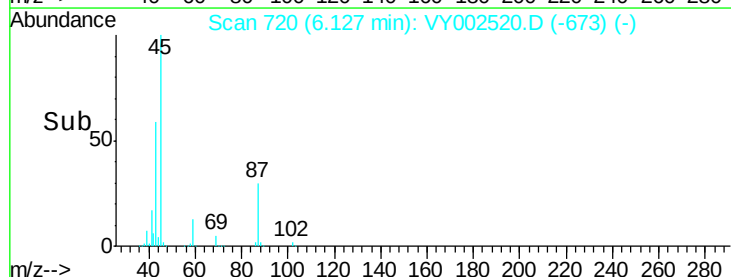
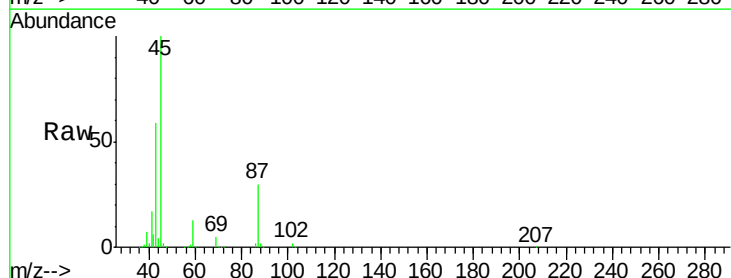
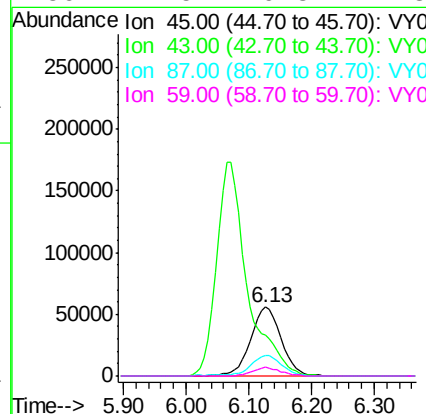
RT: 6.13 min Scan# 720

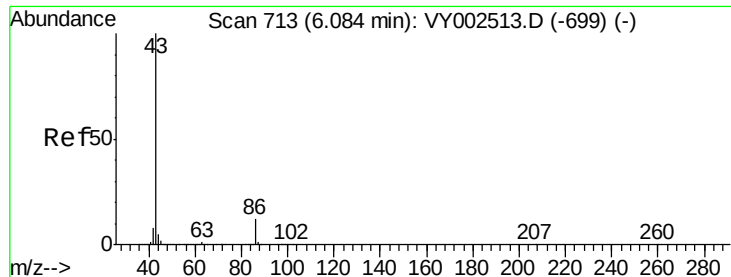
Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Tgt Ion:	45	Resp:	188652
Ion	Ratio	Lower	Upper
45	100		
43	58.2	47.4	71.0
87	30.3	24.0	36.0
59	12.5	9.8	14.8





#23

Vinyl Acetate

Concen: 99.954 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 43 Resp: 586057

Ion Ratio Lower Upper

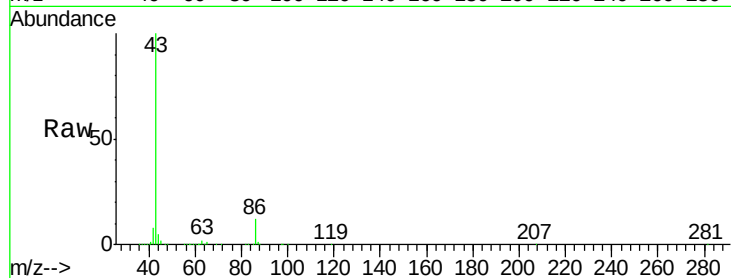
43 100

86 11.9 9.8 14.6

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

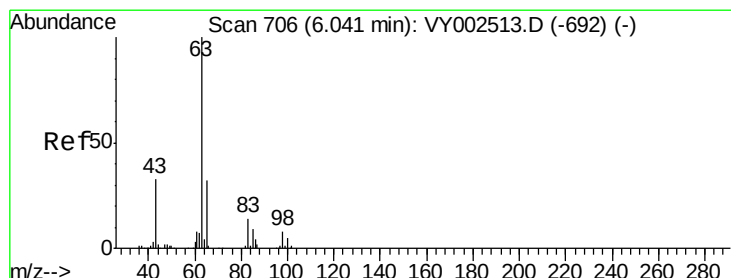
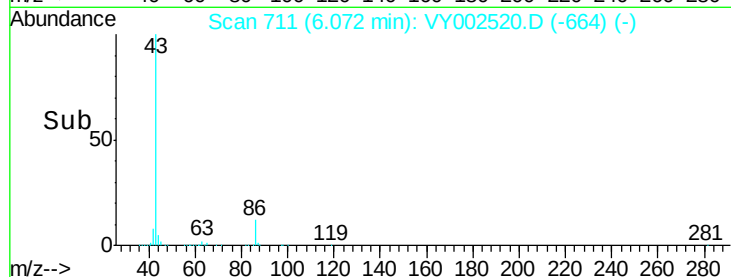
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.773 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

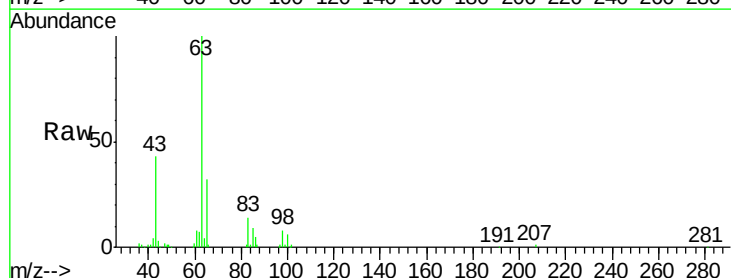
Tgt Ion: 63 Resp: 109059

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 5.6 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

6.03

40000

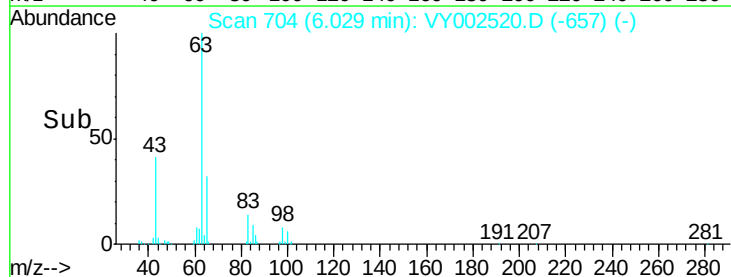
30000

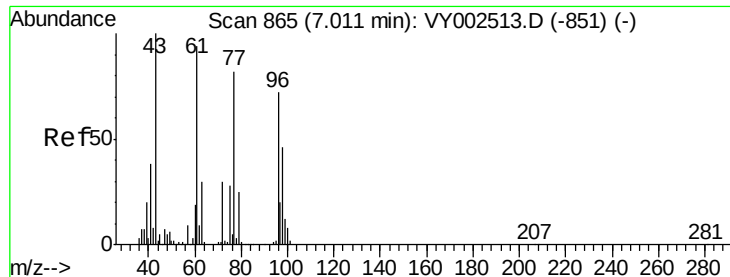
20000

10000

0

Time-->





#25

2-Butanone

Concen: 99.738 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 43 Resp: 104076

Ion Ratio Lower Upper

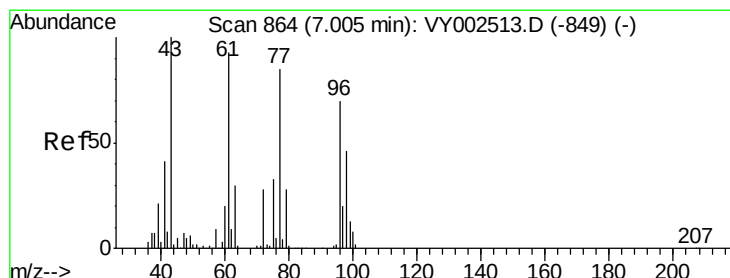
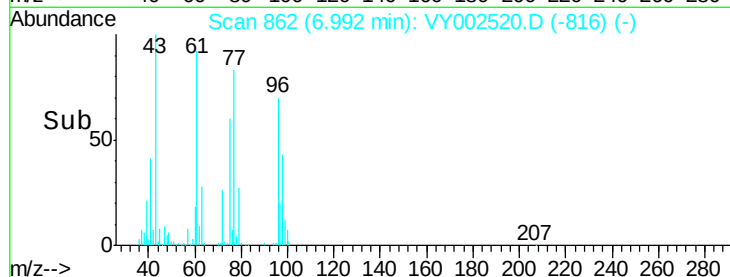
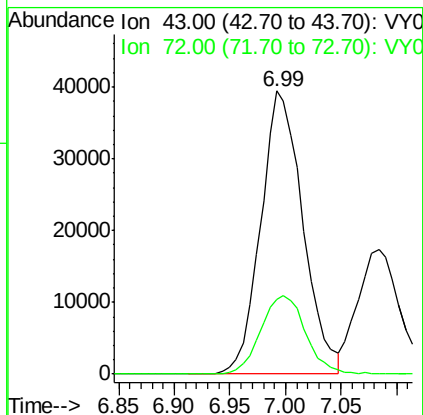
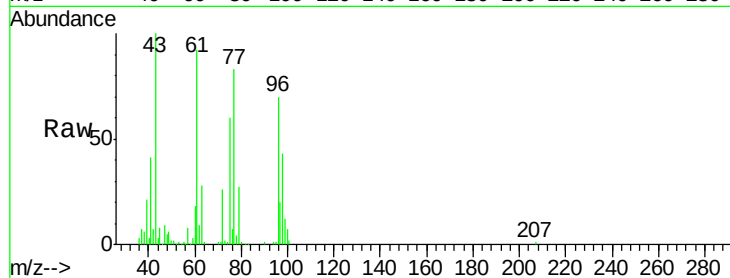
43 100

72 26.3 24.1 36.1

Manual Integrations
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MMDadoda

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#26

2,2-Dichloropropane

Concen: 18.864 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002520.D

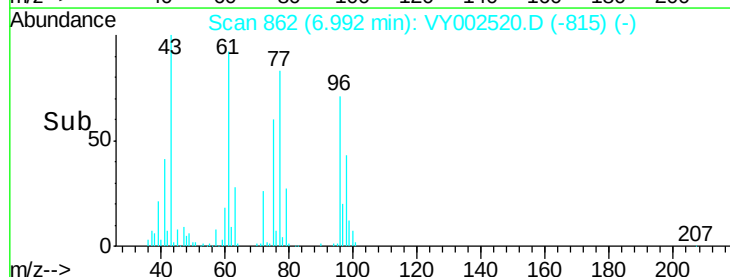
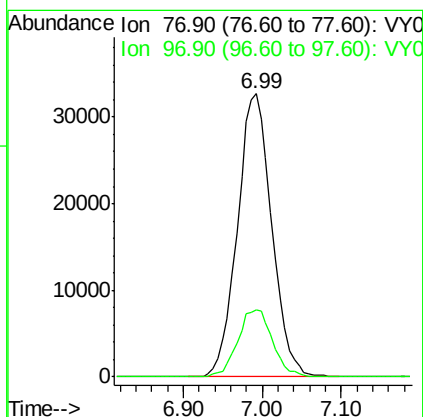
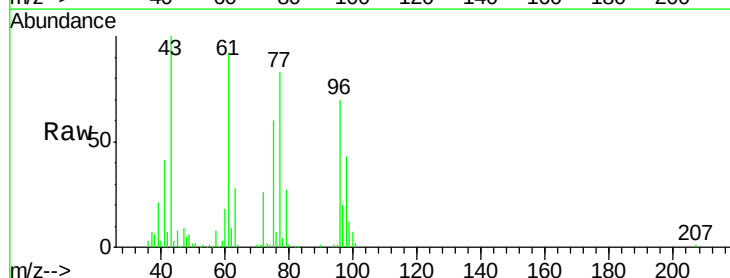
Acq: 01 May 2020 11:48

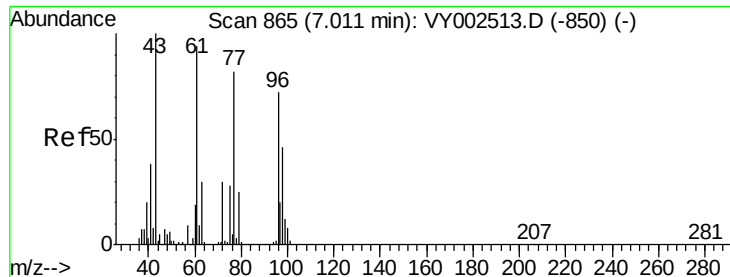
Tgt Ion: 77 Resp: 98899

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5





#27

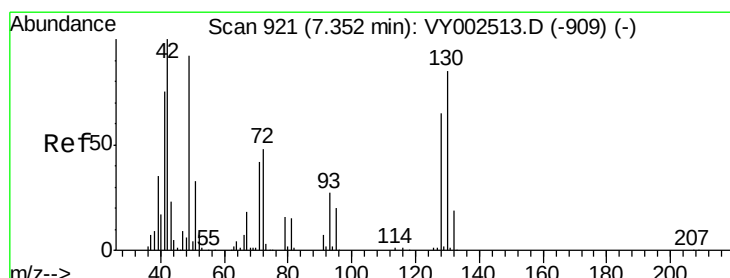
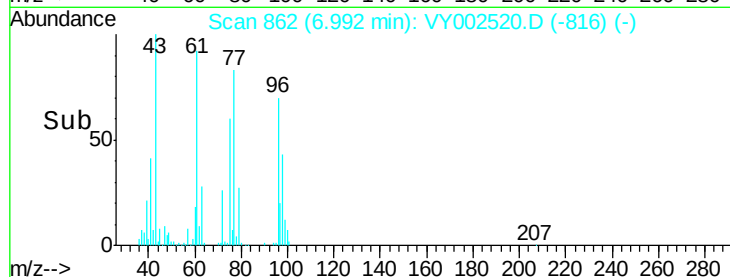
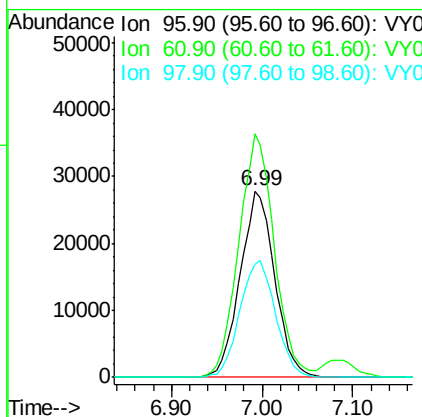
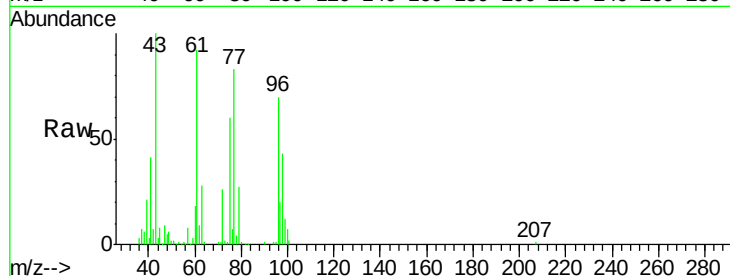
cis-1,2-Dichloroethene
Concen: 19.229 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	266.6
98	64.6	0.0	129.2

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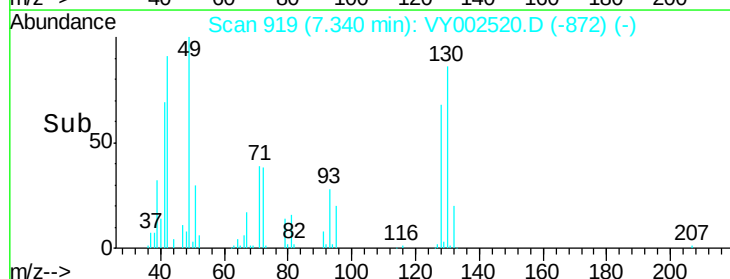
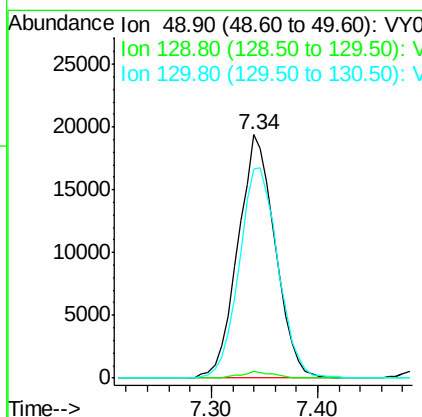
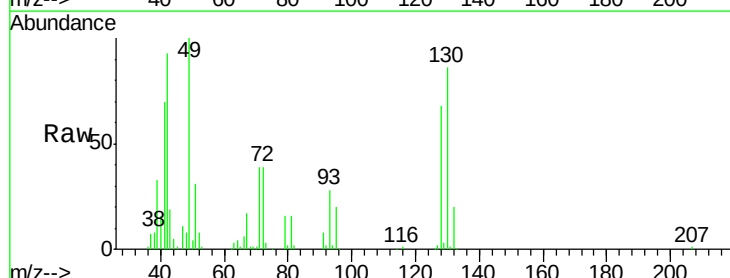
MMDadoda
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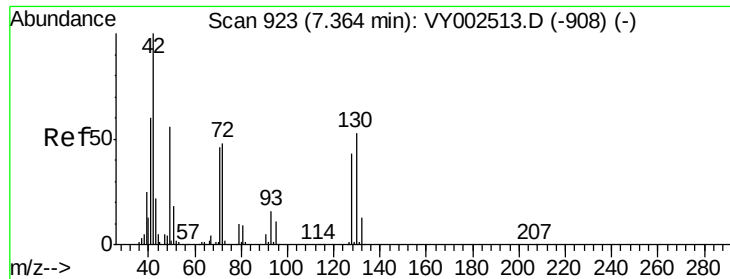


#28

Bromochloromethane
Concen: 21.034 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	90.3	72.5	108.7





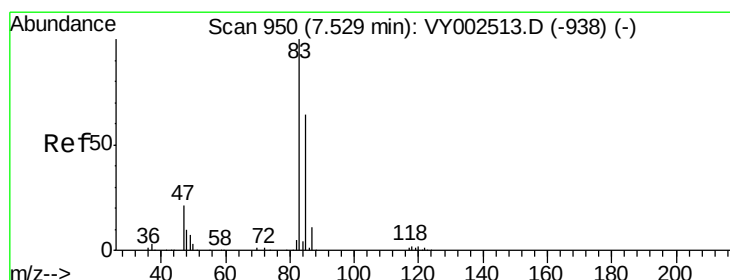
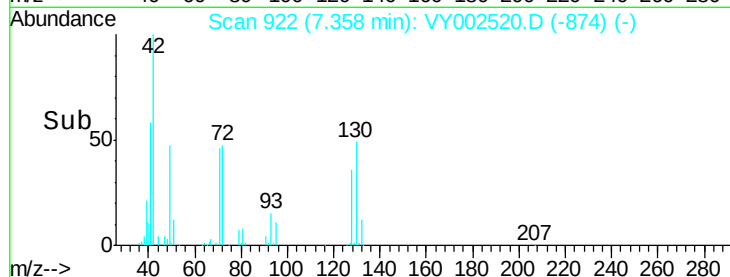
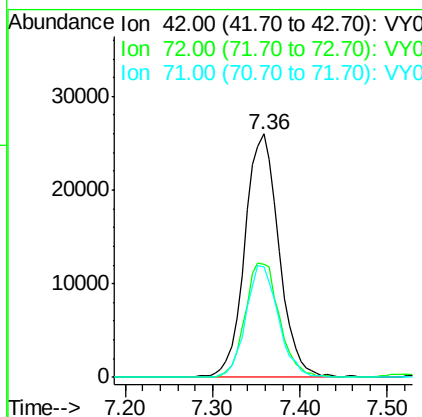
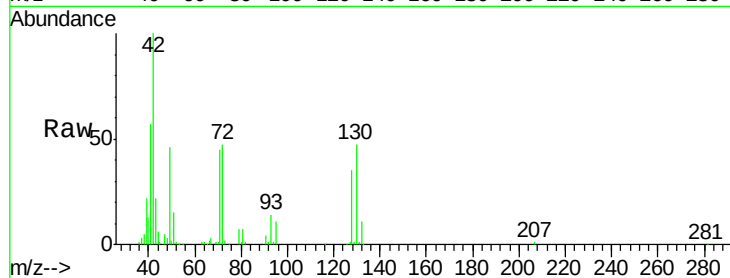
#29
Tetrahydrofuran
Concen: 101.777 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.4	56.2
71	43.8	35.0	52.4

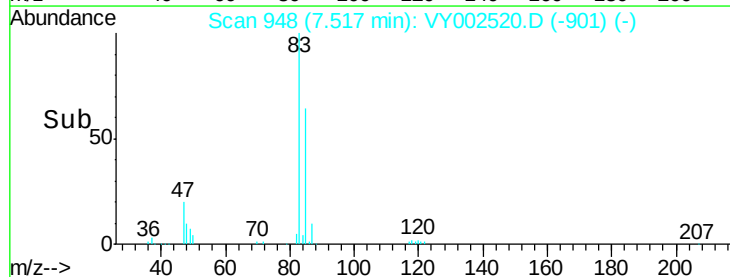
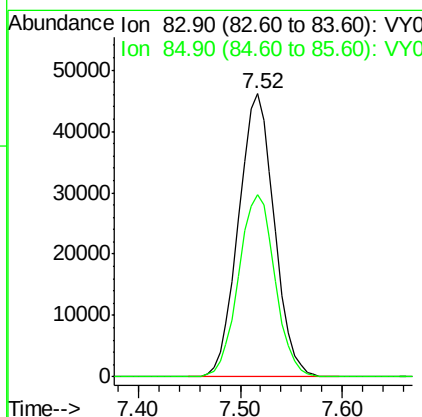
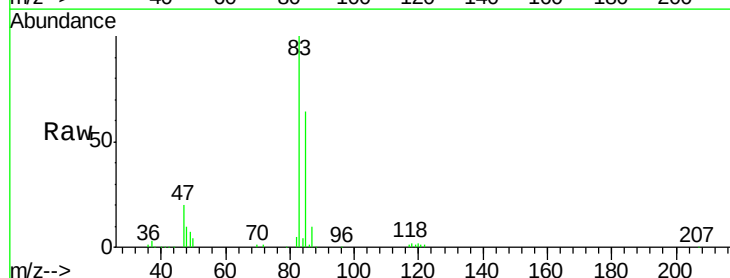
Manual Integrations
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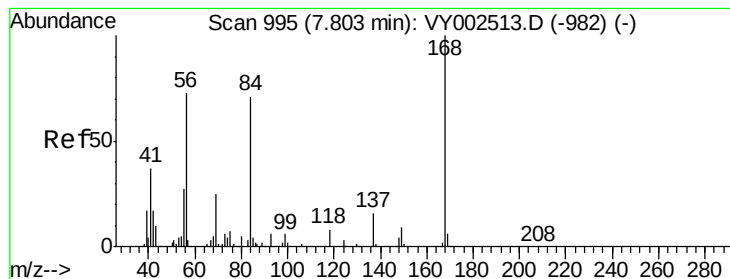
MMDadoda
5/4/2020 2:19:11 PM



#30
Chloroform
Concen: 19.589 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





#31

Cyclohexane

Concen: 18.263 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

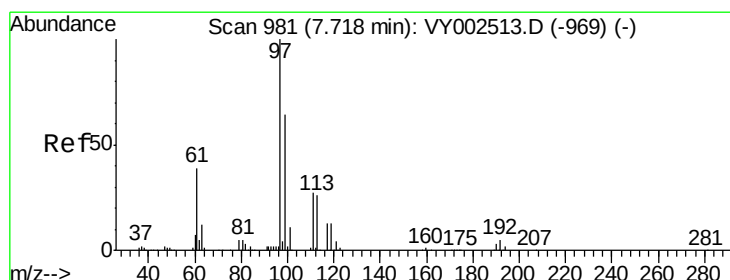
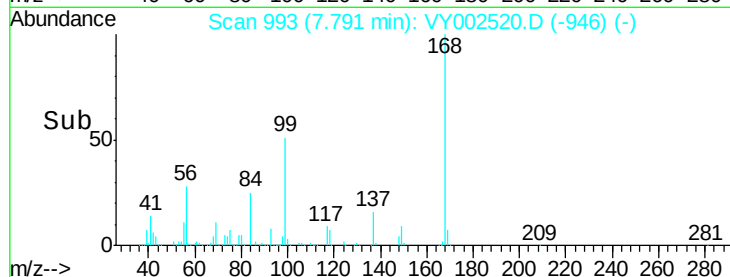
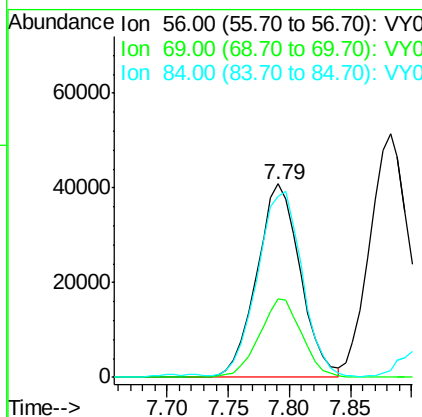
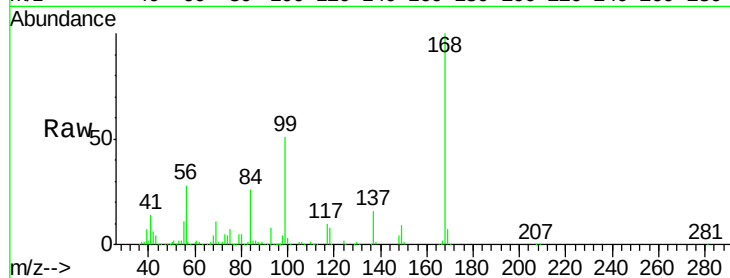
ClientSampleId :

VY0501SBS01

Tot Ion:	56	Resp:	101390
Ion Ratio		Lower	Upper
56	100		
69	40.8	27.6	41.4
84	91.9	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.259 ug/l

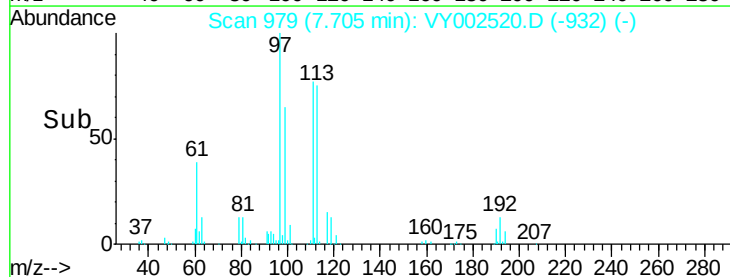
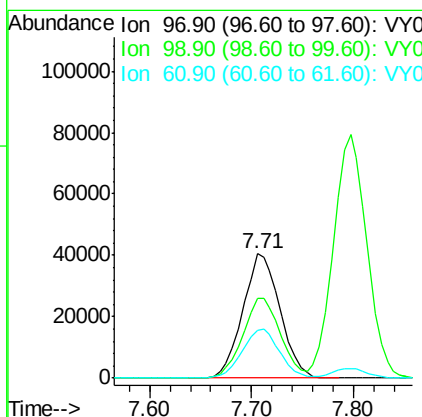
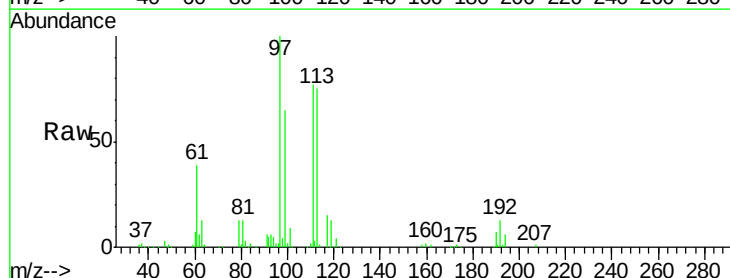
RT: 7.71 min Scan# 979

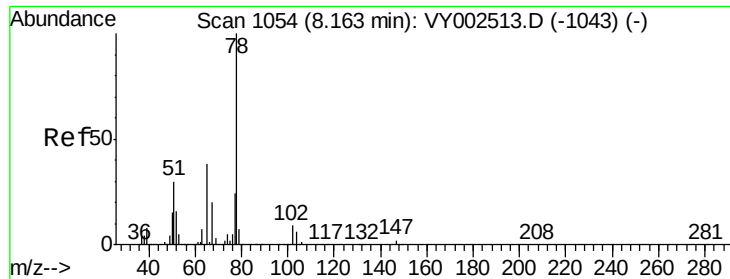
Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Tgt Ion:	97	Resp:	102657
Ion Ratio		Lower	Upper
97	100		
99	65.2	51.9	77.9
61	39.7	31.0	46.6





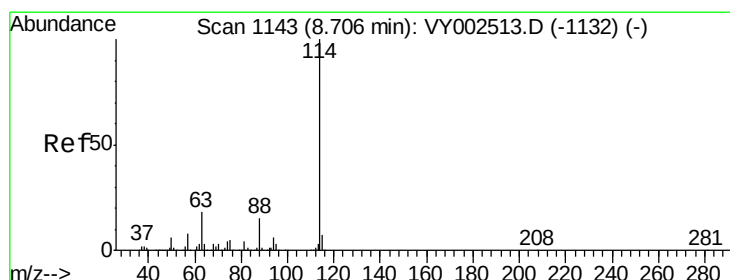
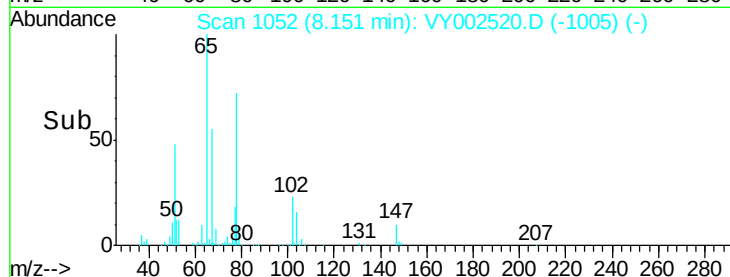
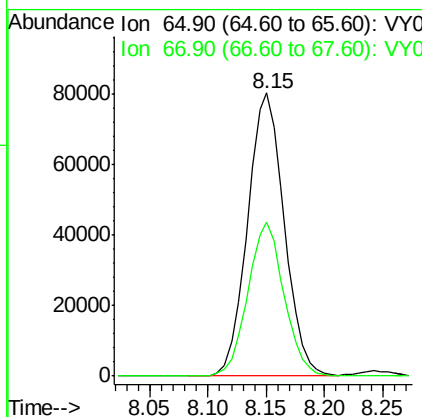
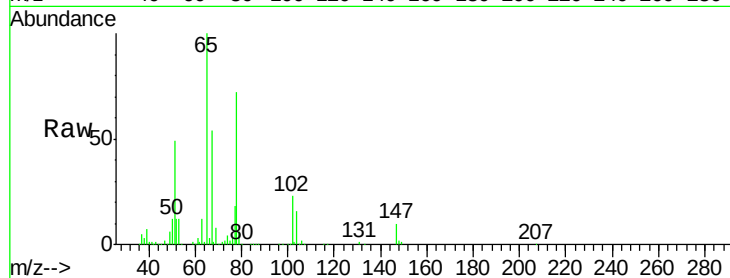
#33
 1,2-Dichloroethane-d4
 Concen: 56.745 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	107.2	

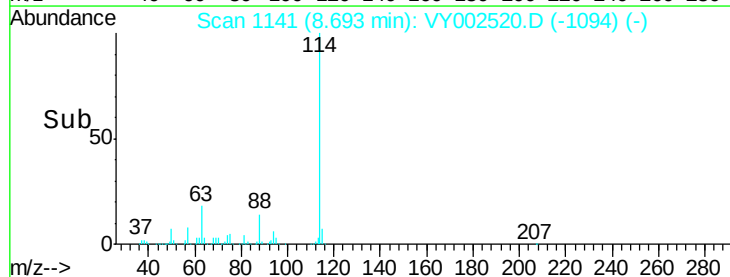
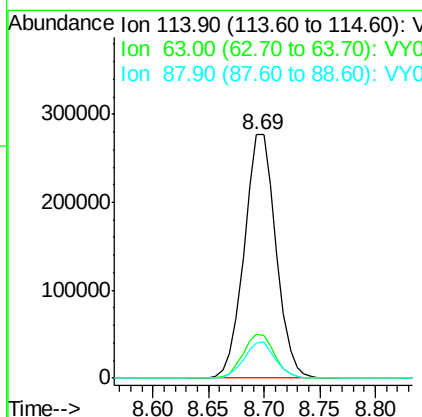
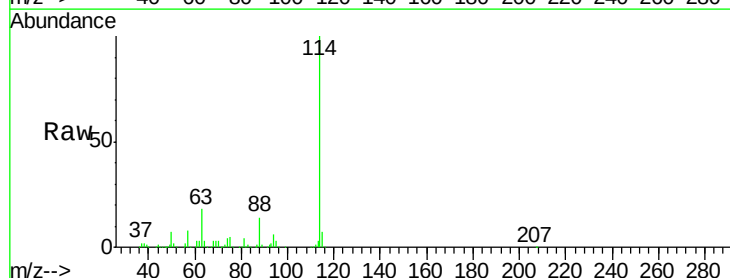
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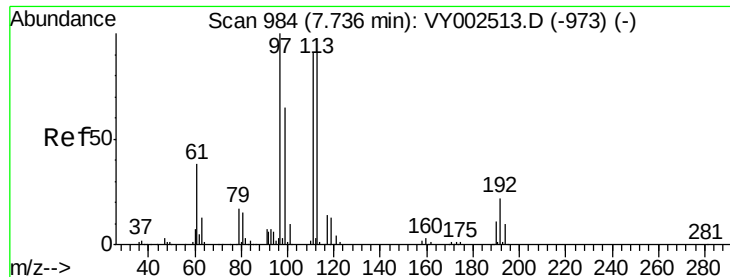
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.0	0.0	36.4	
88	14.3	0.0	29.6	





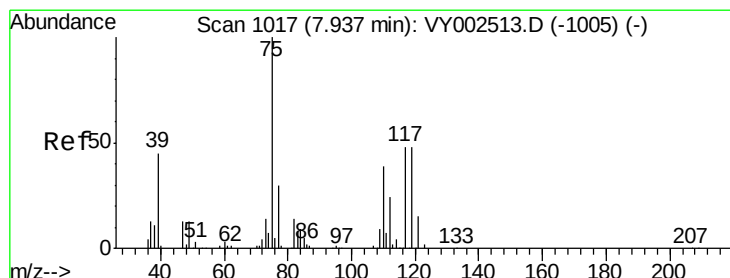
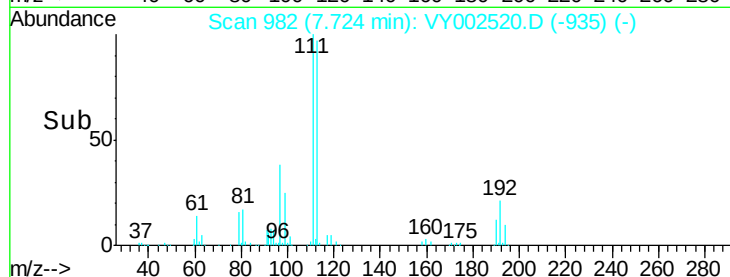
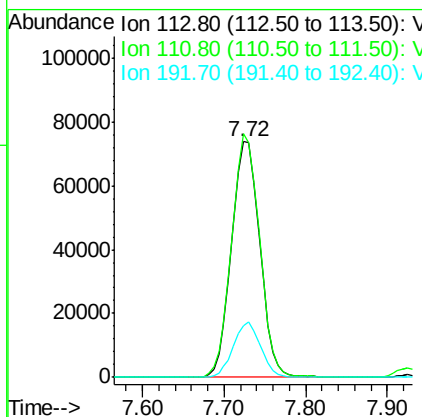
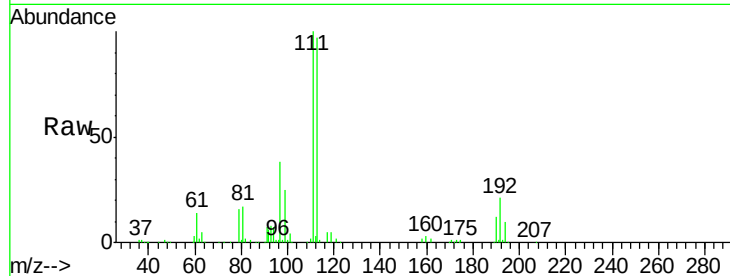
#35
 Dibromofluoromethane
 Concen: 56.547 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	22.7	18.2	27.4

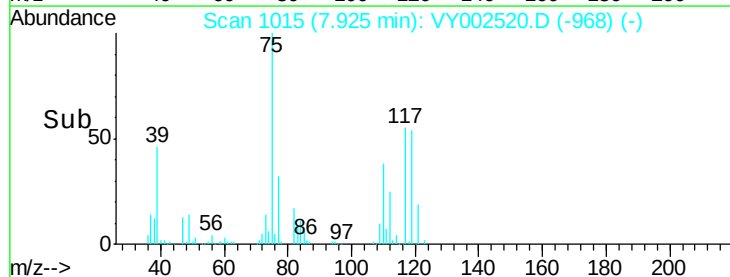
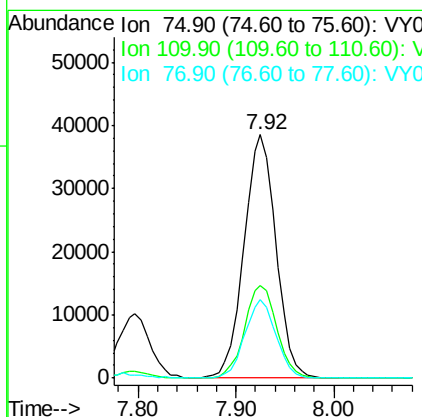
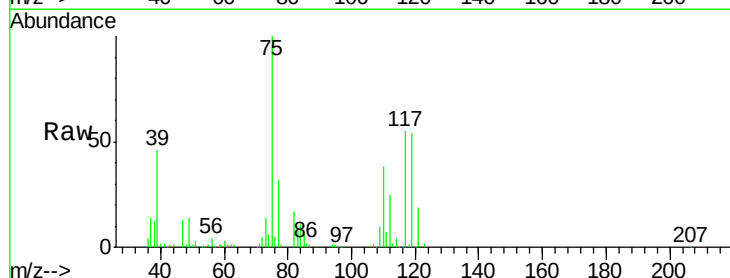
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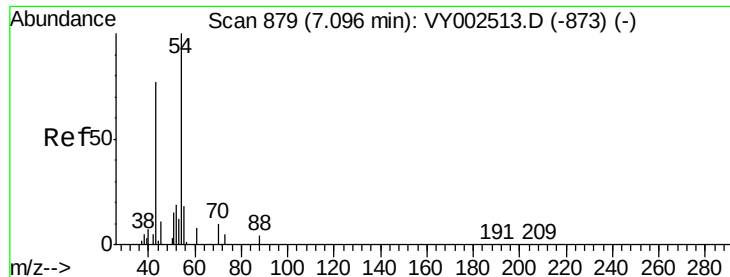
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#36
 1,1-Dichloropropene
 Concen: 19.001 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.1	57.3
77	31.6	24.6	37.0





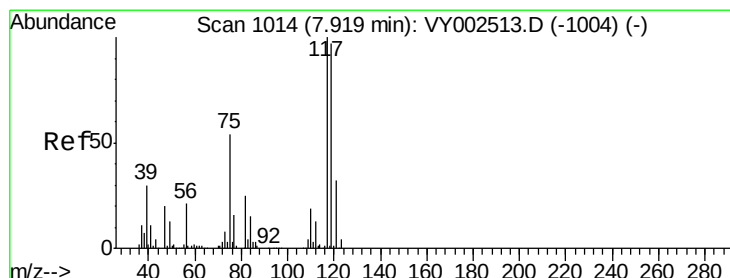
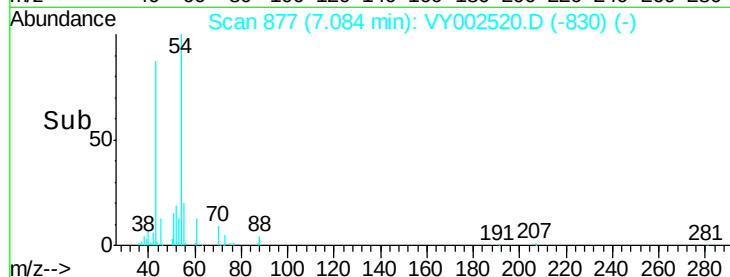
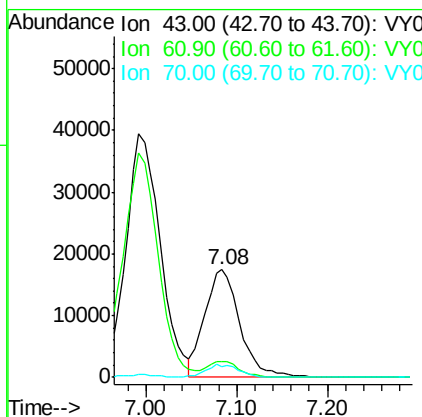
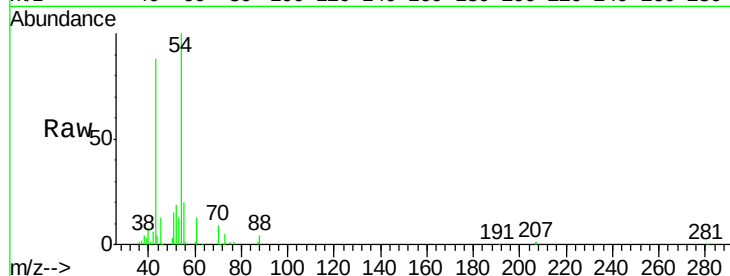
#37
Ethyl Acetate
Concen: 19.990 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	43	Resp	47261
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.6	17.4
70	11.2	9.0	13.6

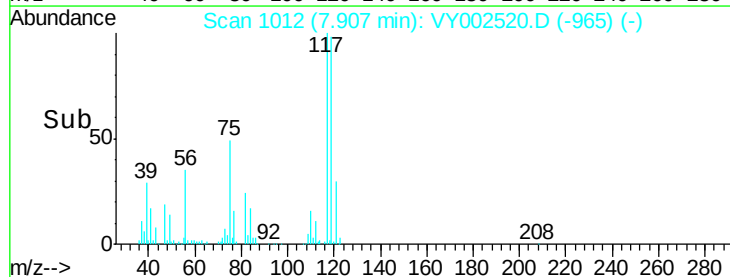
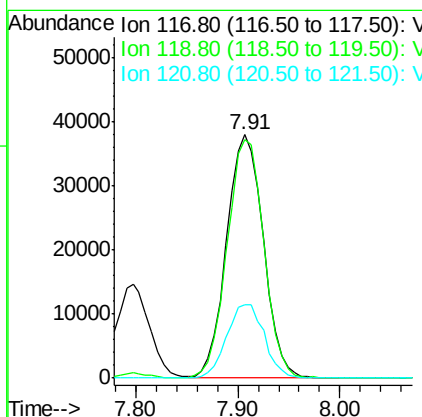
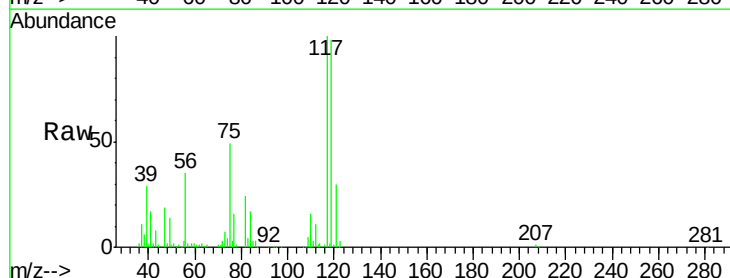
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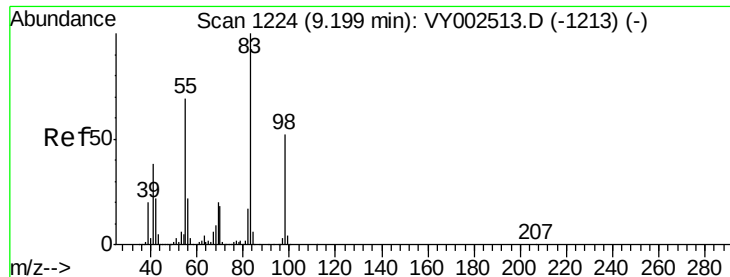
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.900 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	117	Resp	94936
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.1	115.7
121	30.4	25.2	37.8





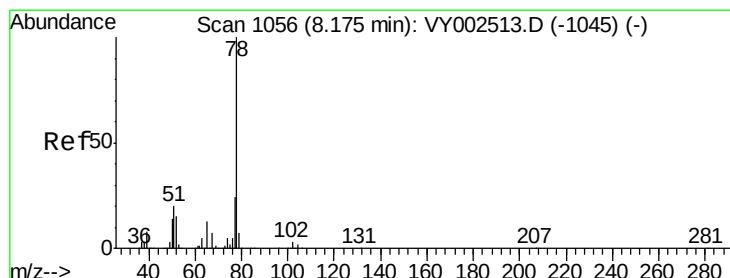
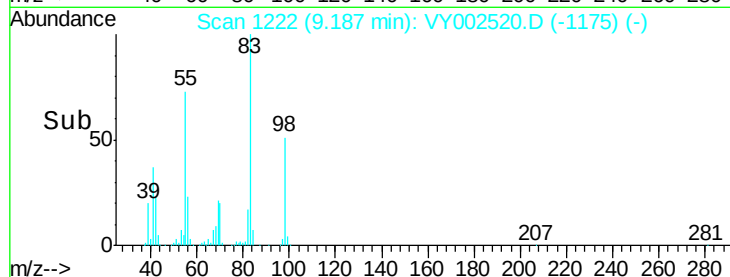
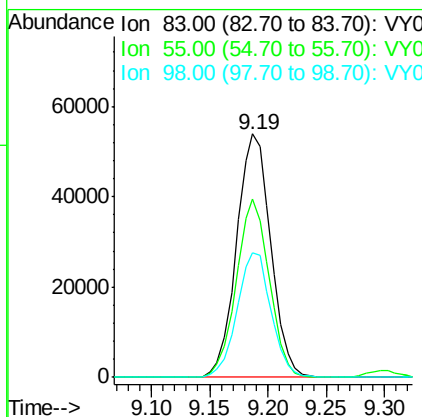
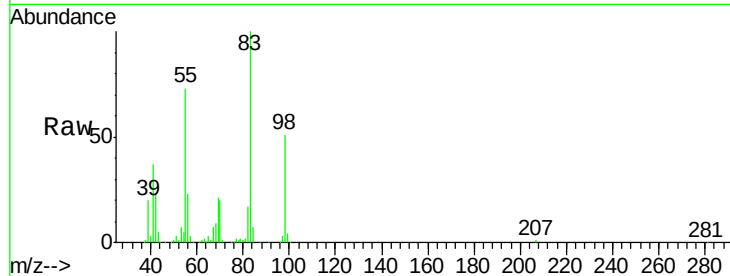
#39
Methylvlcyclohexane
Concen: 18.127 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	55.4	83.0
98	51.3	41.3	61.9

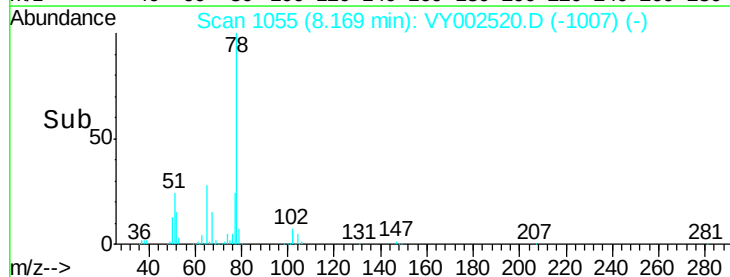
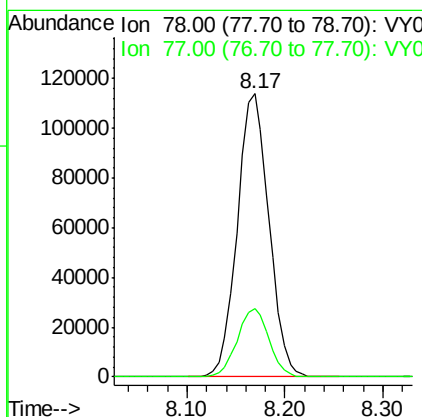
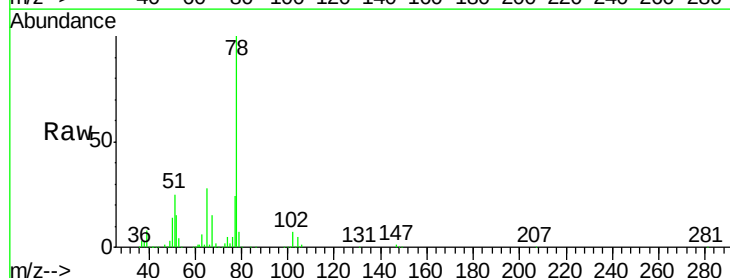
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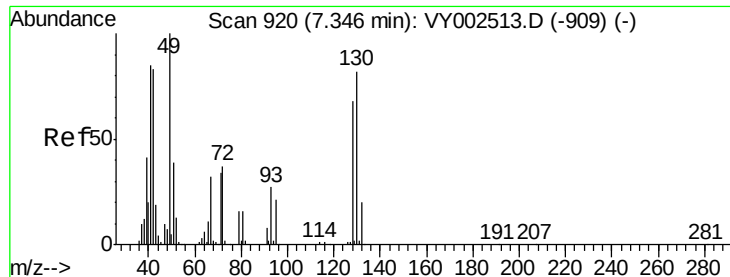
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#40
Benzene
Concen: 19.197 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





#41

Methacrylonitrile

Concen: 25.950 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 41 Resp: 32987

Ion Ratio Lower Upper

41 100

39 89.6 83.1 124.7

67 0.0 0.0 0.0

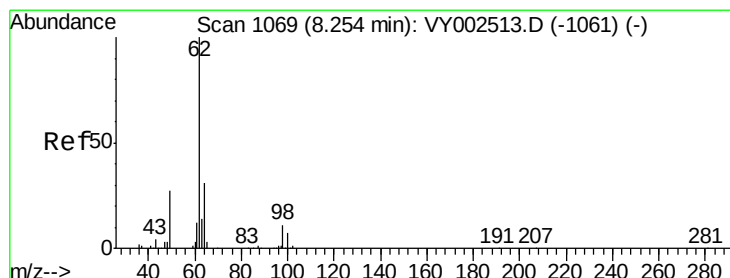
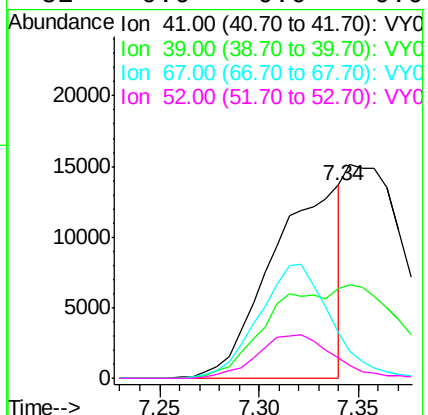
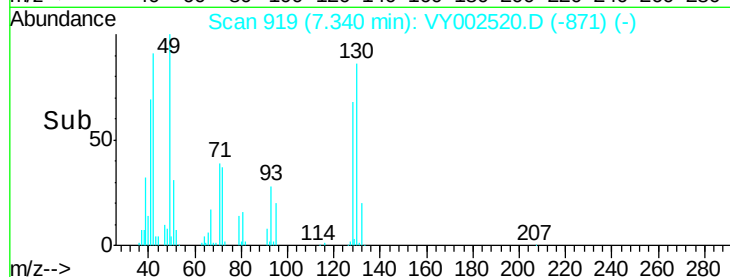
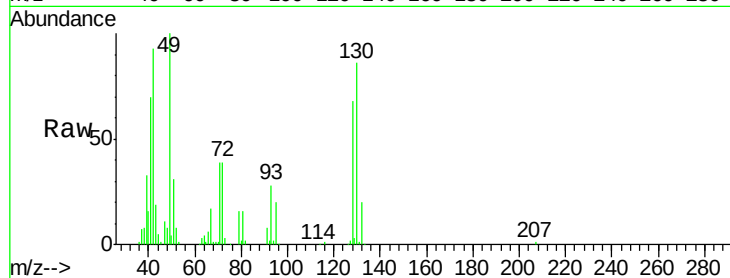
52 0.0 0.0 0.0

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 19.329 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY002520.D

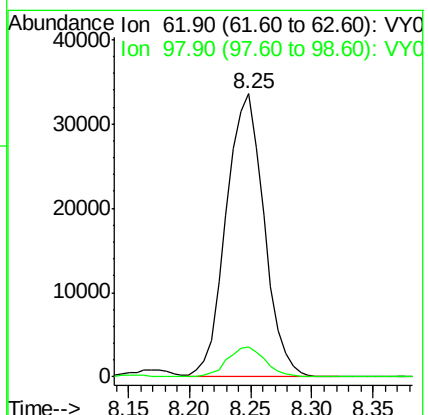
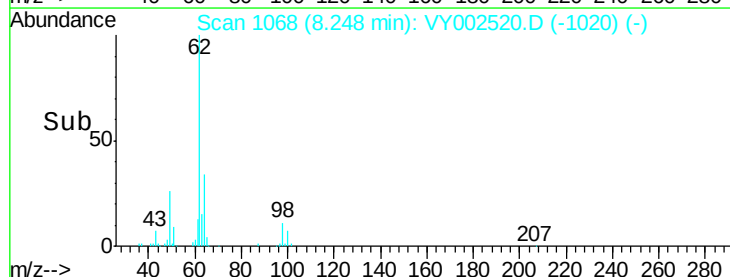
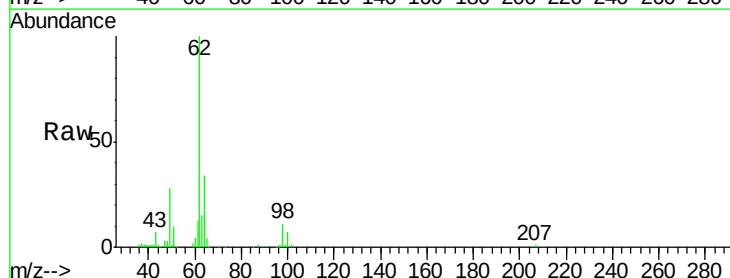
Acq: 01 May 2020 11:48

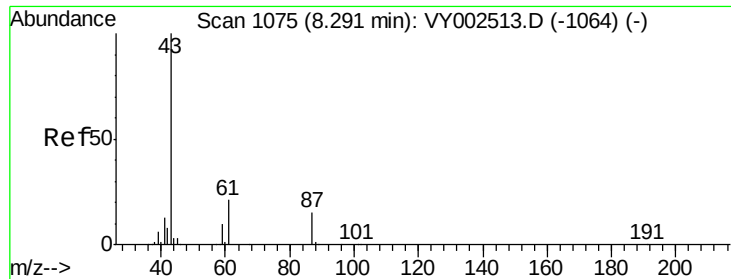
Tgt Ion: 62 Resp: 72047

Ion Ratio Lower Upper

62 100

98 10.6 0.0 21.0





#43

Isopropyl Acetate

Concen: 19.751 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

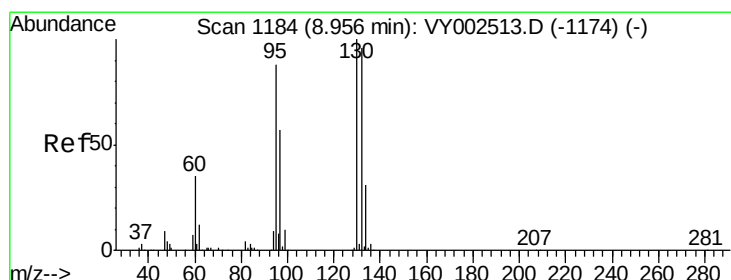
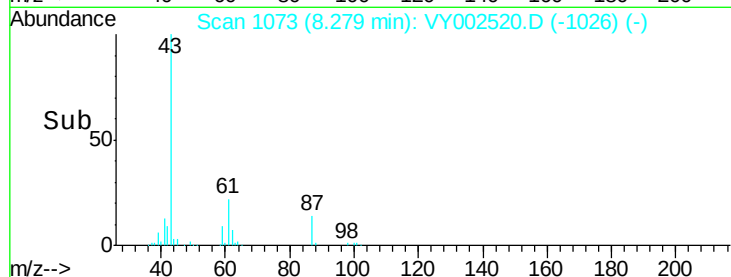
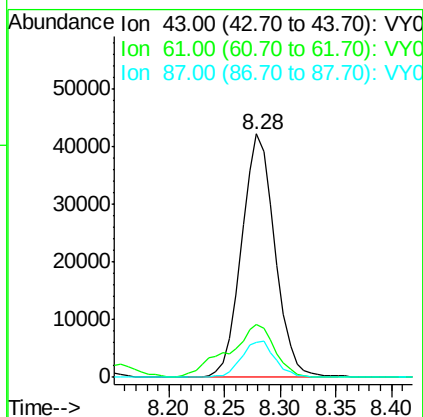
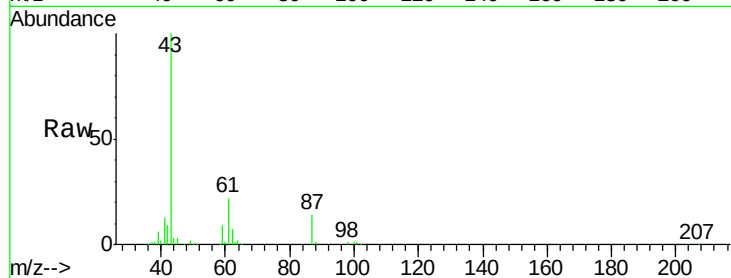
ClientSampleId :

VY0501SBS01

Tot Ion:	43	Resp:	87542
Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.8	37.2
87	15.0	12.2	18.2

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#44

Trichloroethene

Concen: 19.070 ug/l

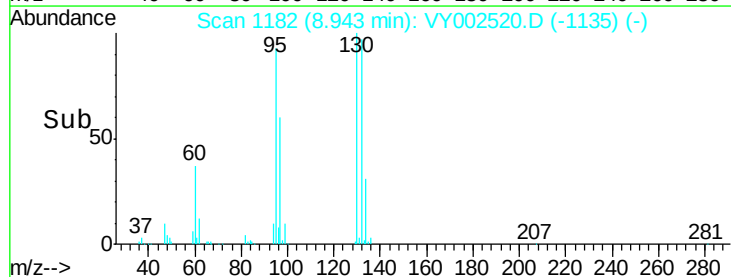
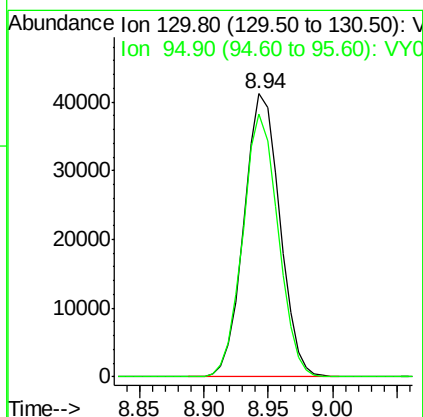
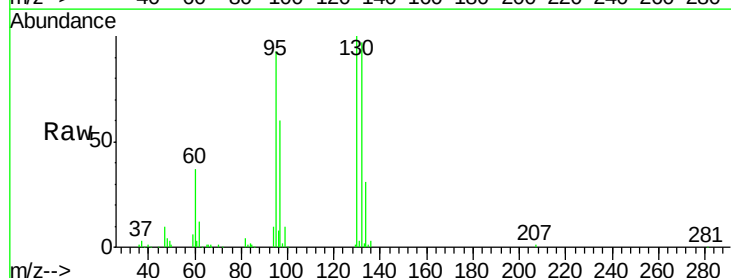
RT: 8.94 min Scan# 1182

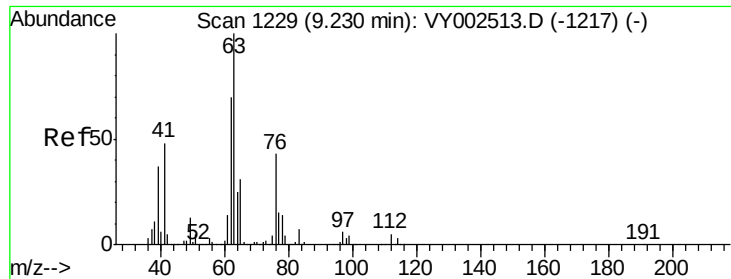
Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Tgt Ion:	130	Resp:	79195
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.231 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 63 Resp: 61674

Ion Ratio Lower Upper

63 100

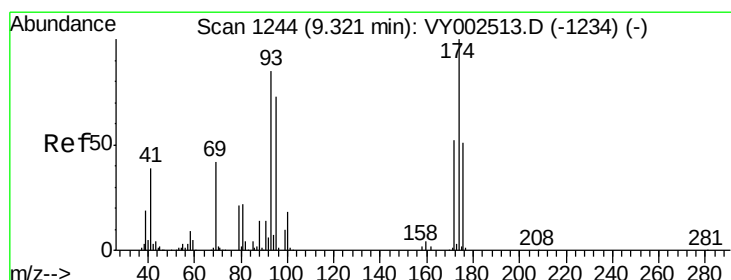
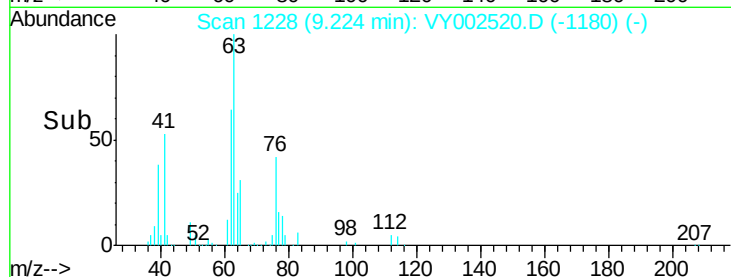
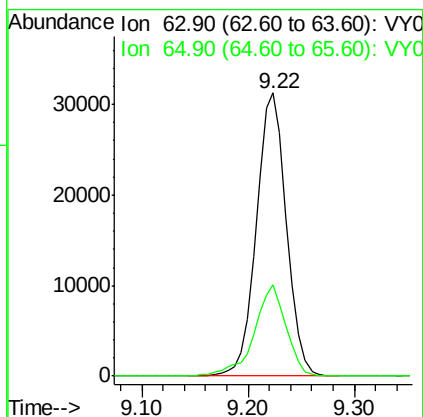
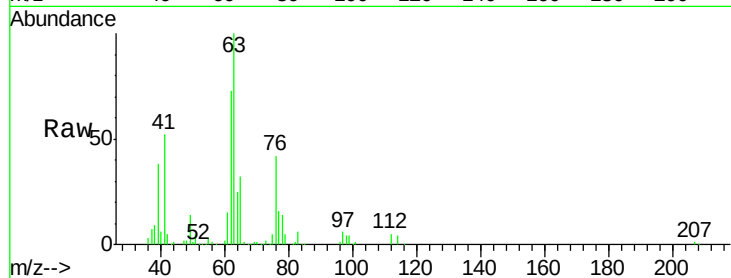
65 32.4 24.5 36.7

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#46

Dibromomethane

Concen: 19.510 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

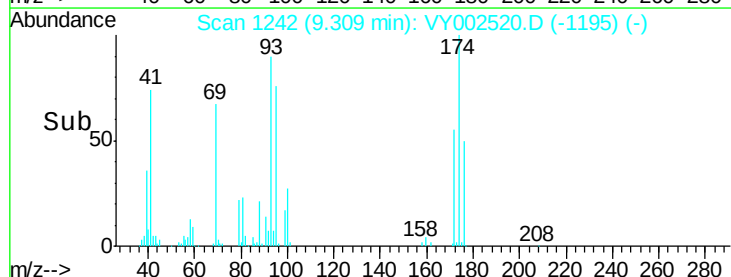
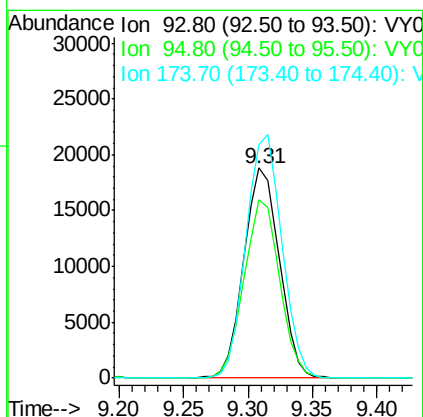
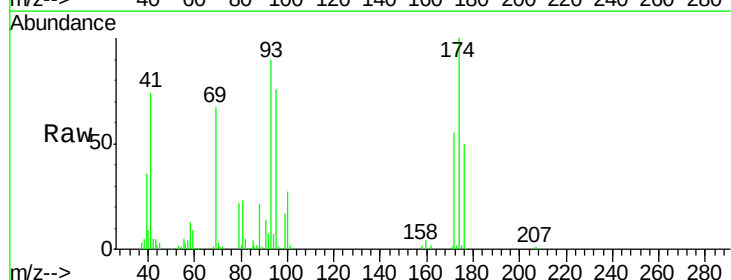
Tgt Ion: 93 Resp: 36000

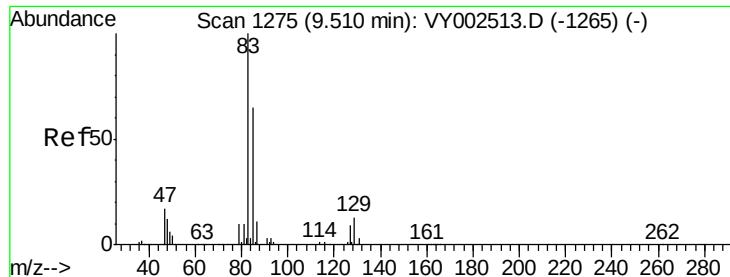
Ion Ratio Lower Upper

93 100

95 84.7 67.0 100.4

174 116.9 92.7 139.1





#47

Bromodichloromethane

Concen: 19.596 ug/l m

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

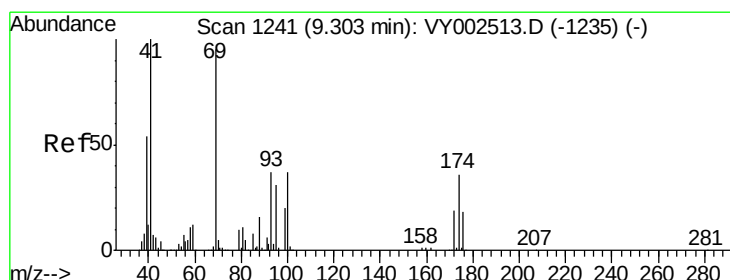
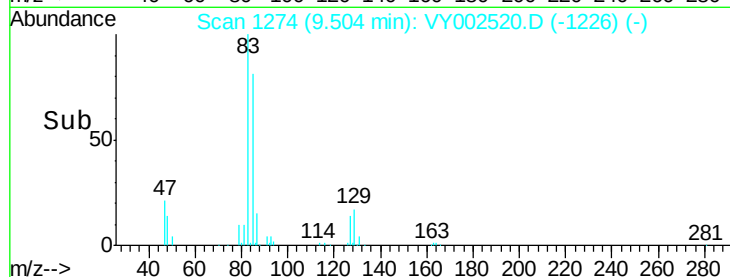
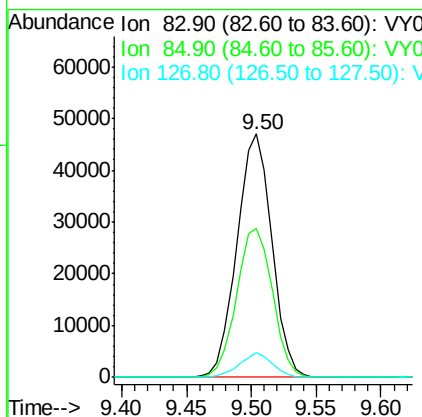
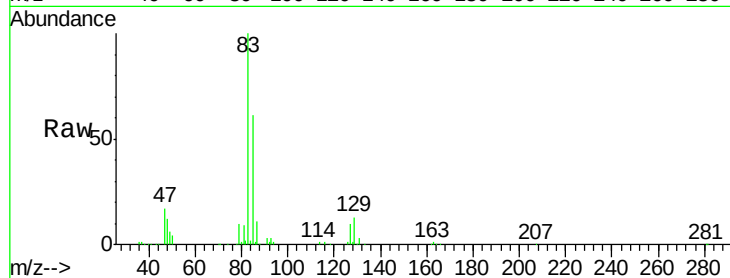
ClientSampleId :

VY0501SBS01

Tot Ion:	83	Resp:	87923
Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.8	77.8
127	10.4	7.4	11.0

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#48

Methyl methacrylate

Concen: 20.019 ug/l

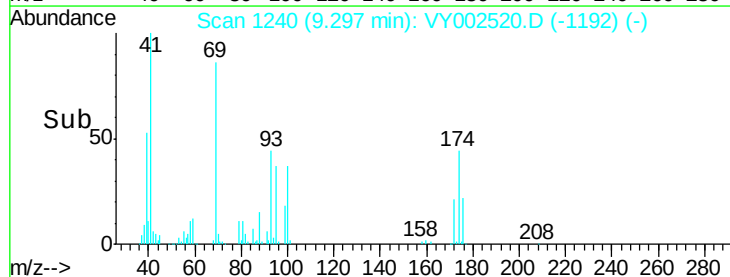
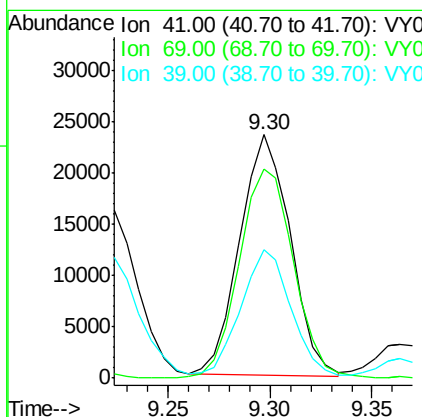
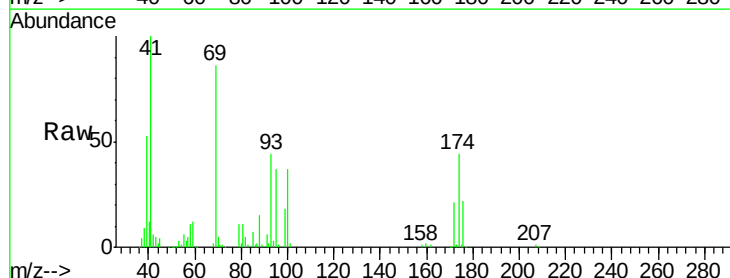
RT: 9.30 min Scan# 1240

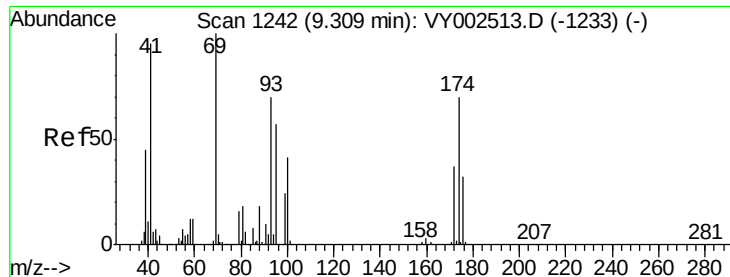
Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Tgt Ion:	41	Resp:	40156
Ion	Ratio	Lower	Upper
41	100		
69	93.5	76.2	114.4
39	54.4	42.7	64.1





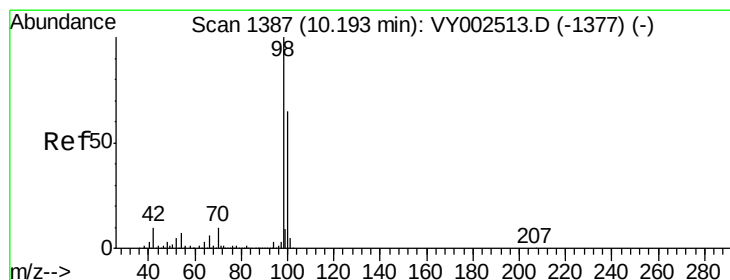
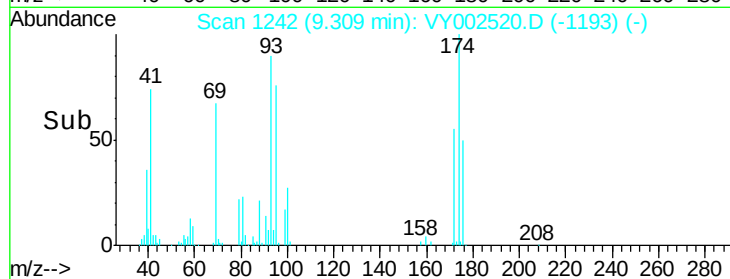
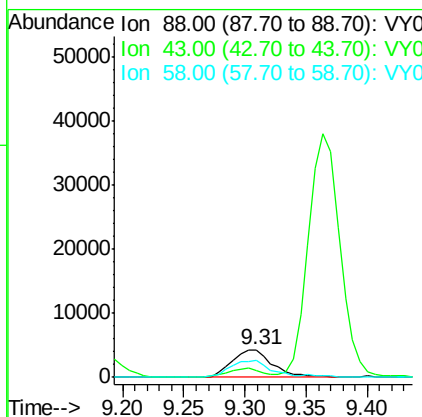
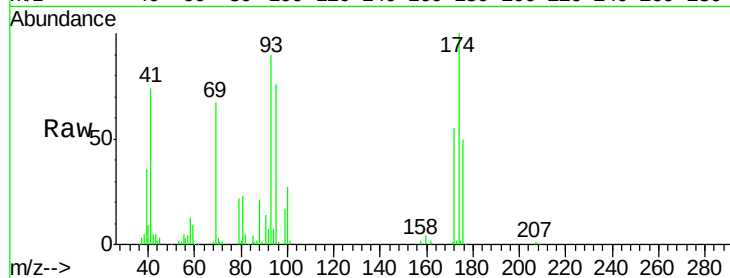
#49
1,4-Dioxane
Concen: 410.417 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	22.8	34.2
58	60.1	51.4	77.2

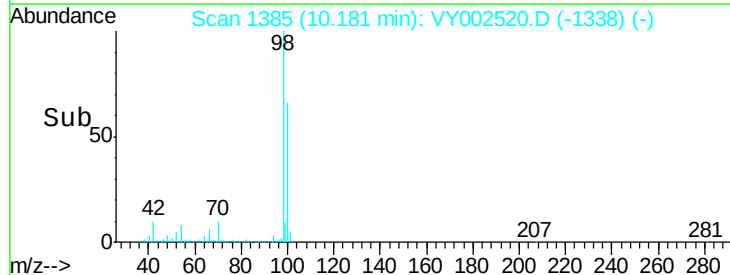
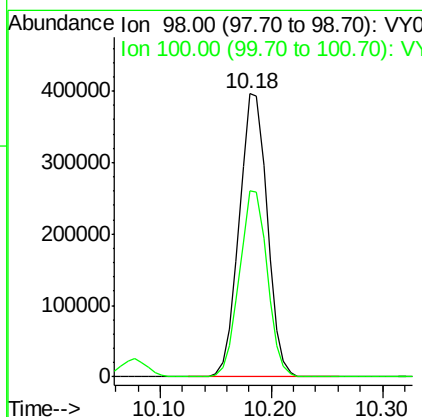
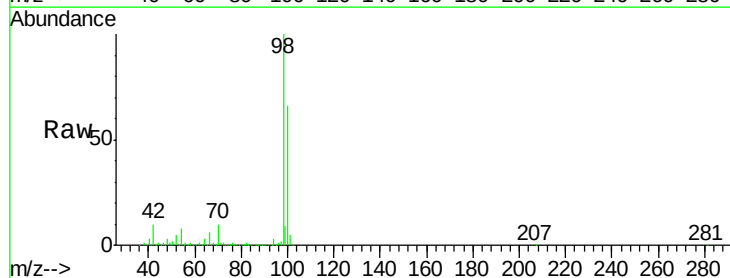
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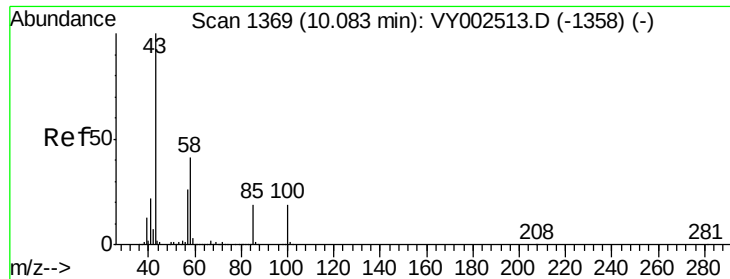
MMDadoda
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#50
Toluene-d8
Concen: 56.494 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





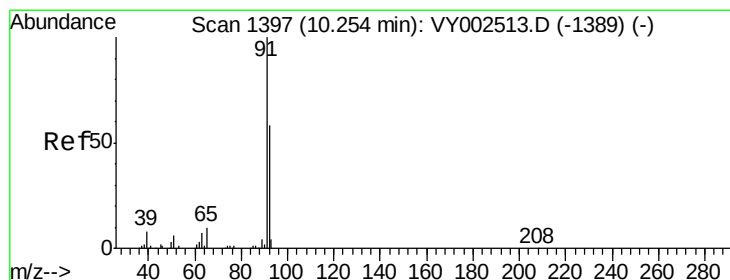
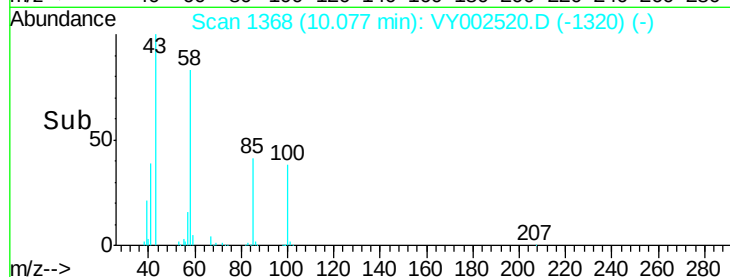
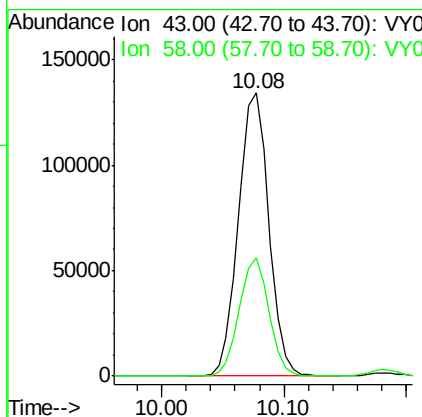
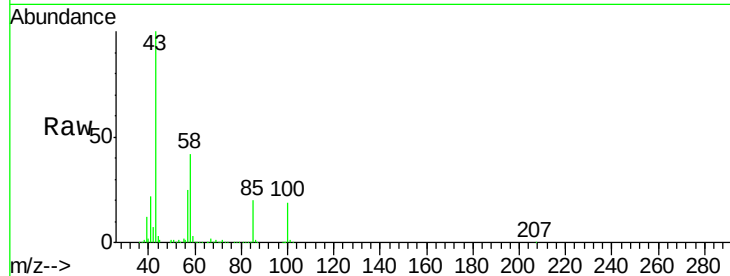
#51
4-Methyl-2-Pentanone
Concen: 101.615 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.9	33.2	49.8

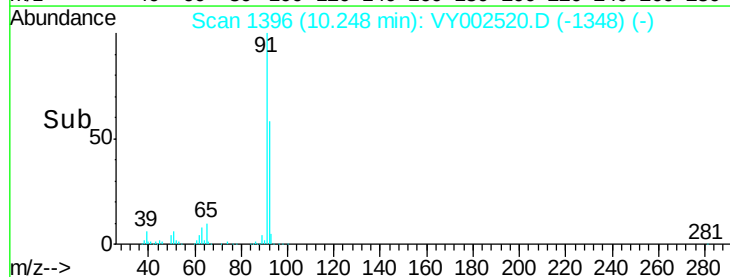
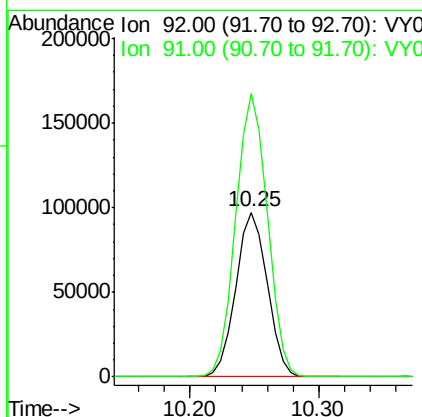
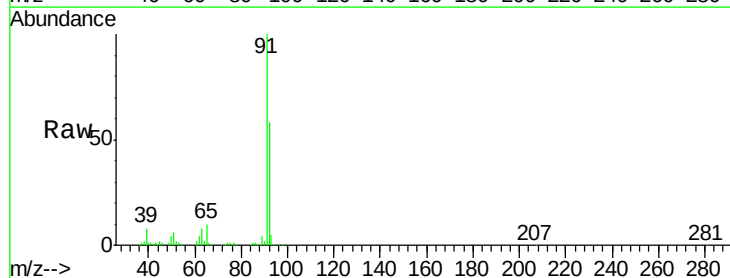
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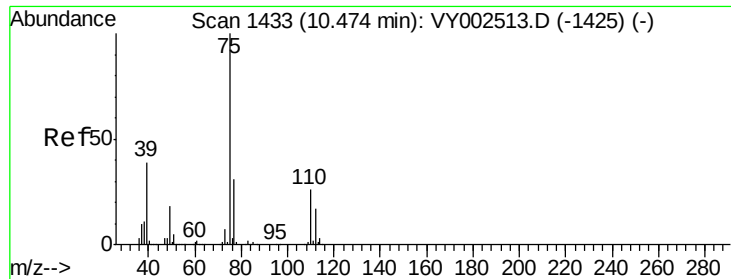
MMDadoda
5/4/2020 2:19:11 PM



#52
Toluene
Concen: 19.269 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.3	139.3	208.9





#53

t-1,3-Dichloropropene

Concen: 19.542 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 75 Resp: 91867

Ion Ratio Lower Upper

75 100

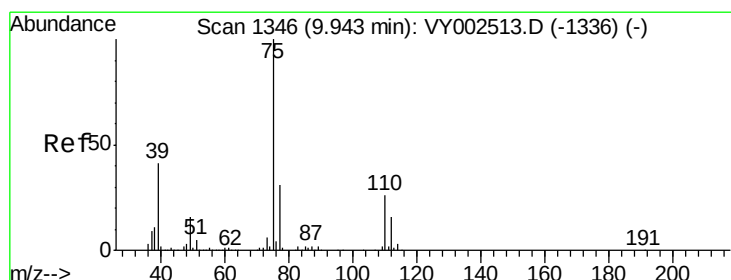
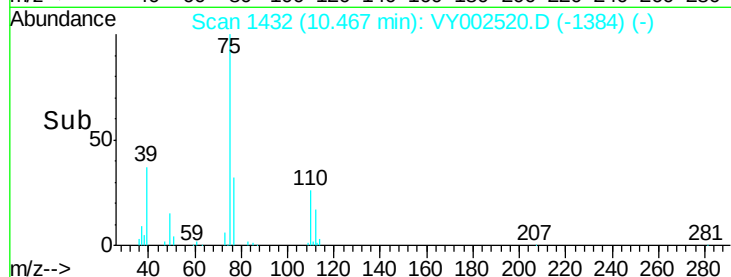
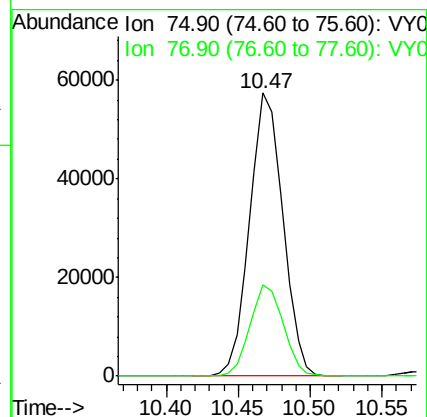
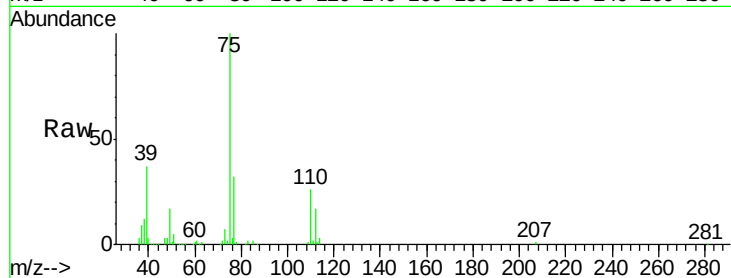
77 32.4 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 19.401 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

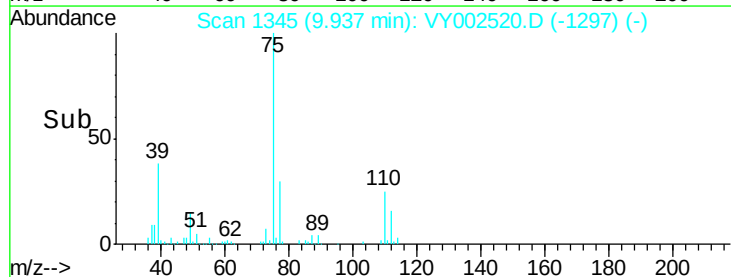
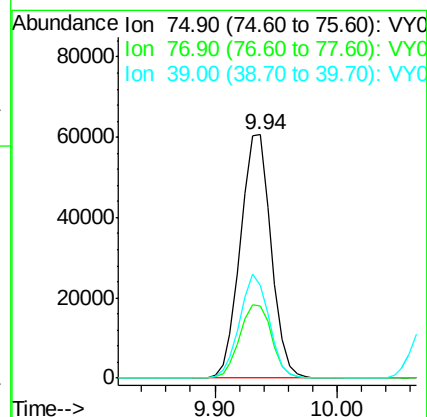
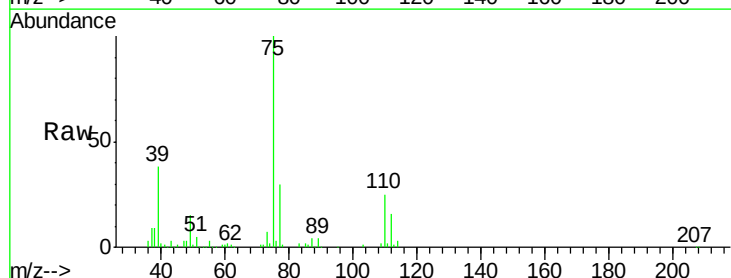
Tgt Ion: 75 Resp: 105436

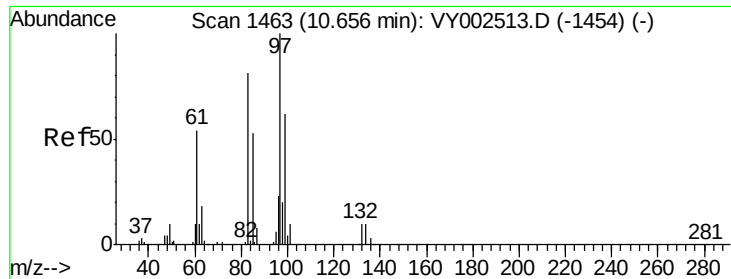
Ion Ratio Lower Upper

75 100

77 29.8 25.1 37.7

39 37.8 32.7 49.1





#55

1,1,2-Trichloroethane

Concen: 19.977 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

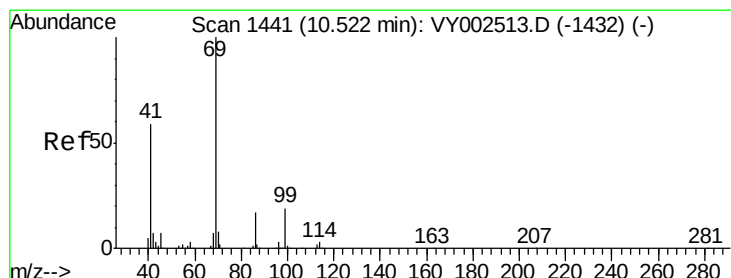
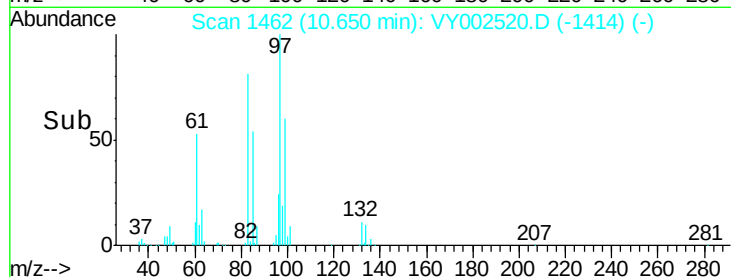
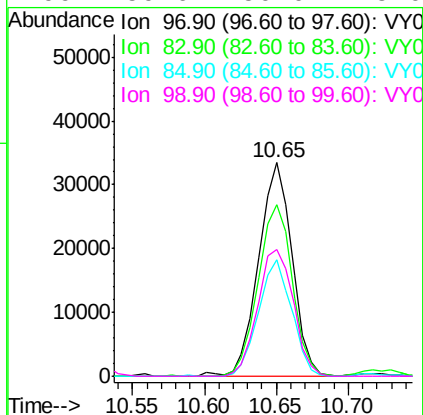
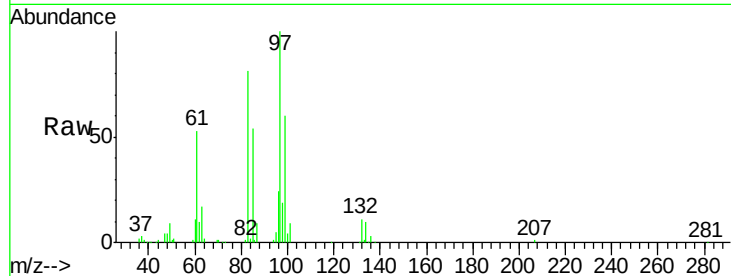
ClientSampleId :

VY0501SBS01

Tot Ion:	97	Resp:	53754
Ion	Ratio	Lower	Upper
97	100		
83	80.6	65.1	97.7
85	54.3	42.7	64.1
99	59.6	50.0	75.0

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#56

Ethyl methacrylate

Concen: 19.462 ug/l

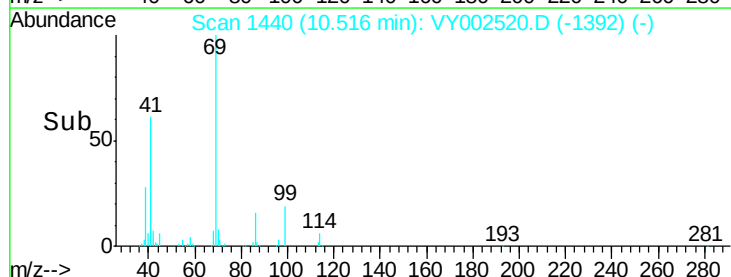
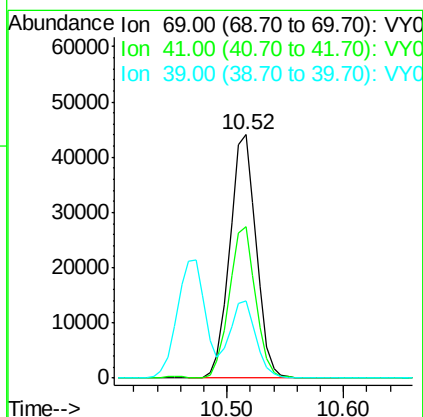
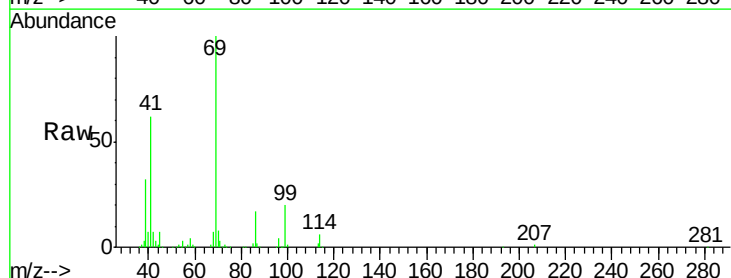
RT: 10.52 min Scan# 1440

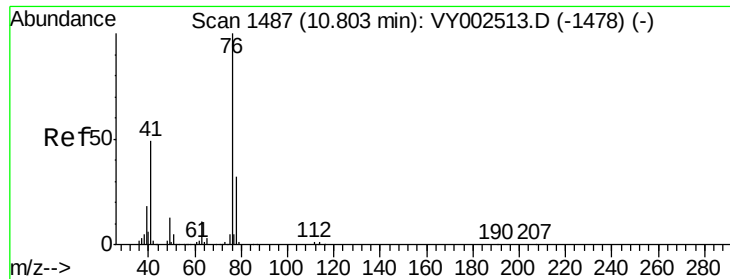
Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Tgt Ion:	69	Resp:	69668
Ion	Ratio	Lower	Upper
69	100		
41	61.0	48.6	73.0
39	31.3	25.0	37.4





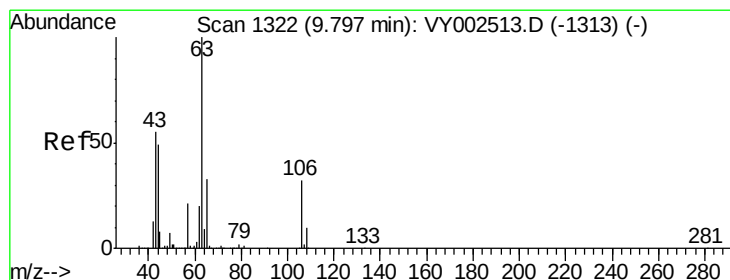
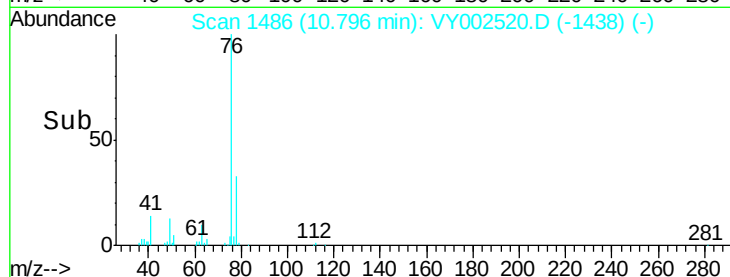
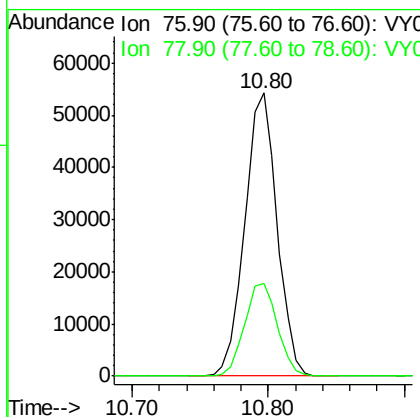
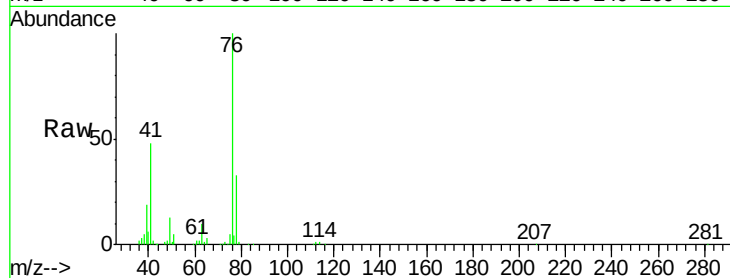
#57
 1,3-Dichloropropane
 Concen: 19.743 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.4	38.2

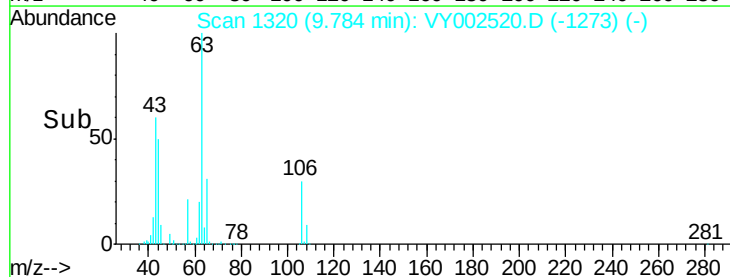
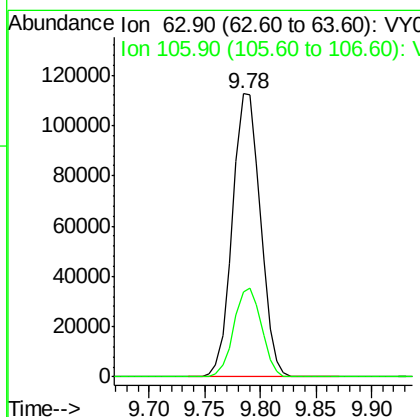
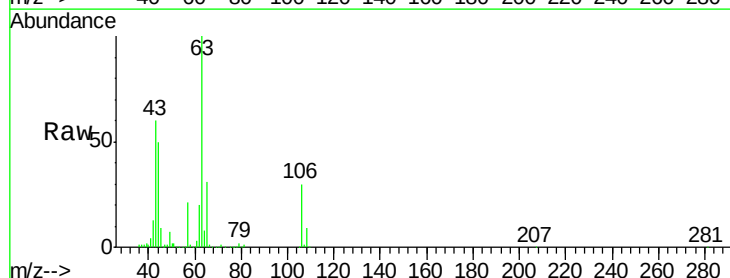
Manual Integrations
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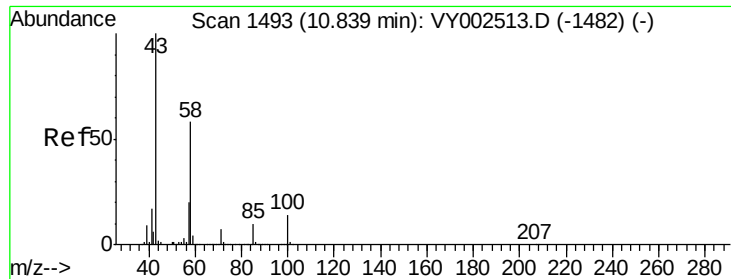
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 5/4/2020 2:19:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.055 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.9	25.2	37.8





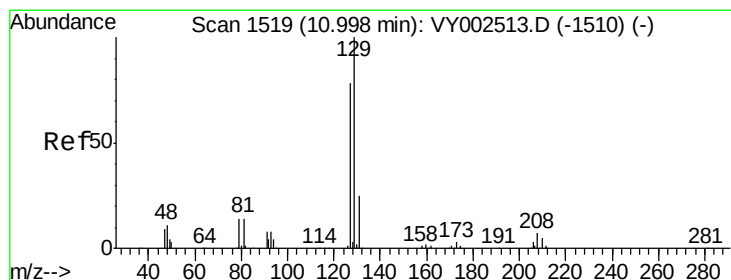
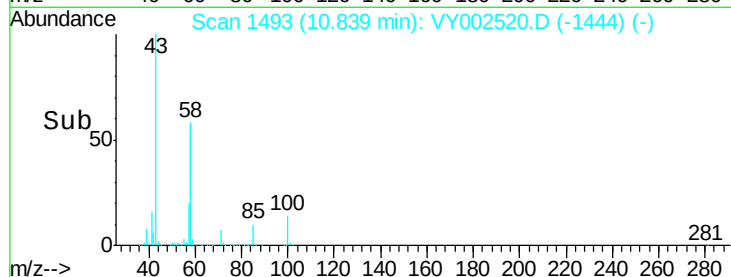
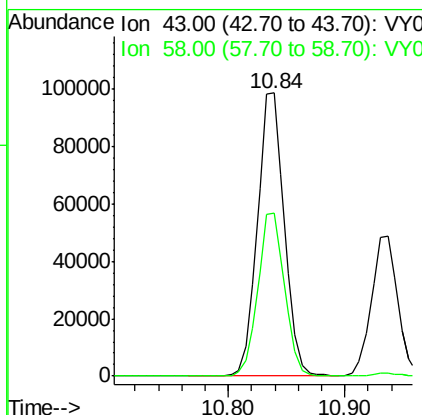
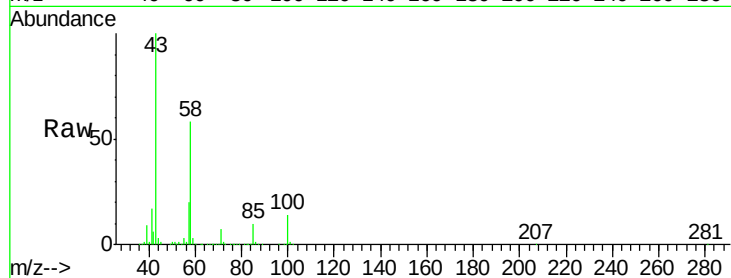
#59
2-Hexanone
Concen: 101.022 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion: 43 Resp: 158849
Ion Ratio Lower Upper
43 100
58 57.4 29.1 87.3

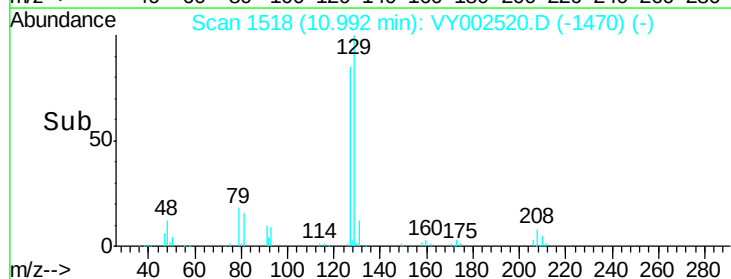
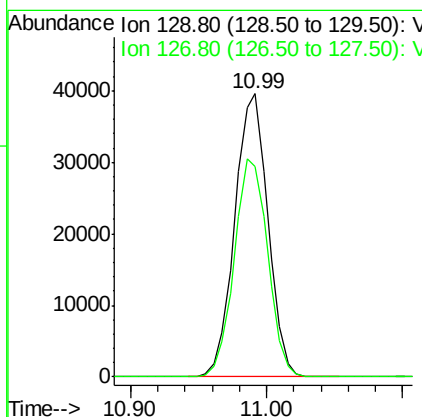
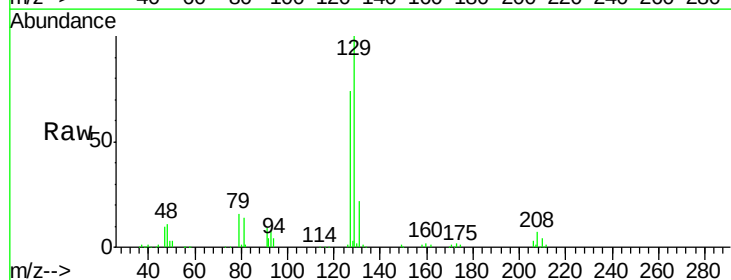
Manual Integrations
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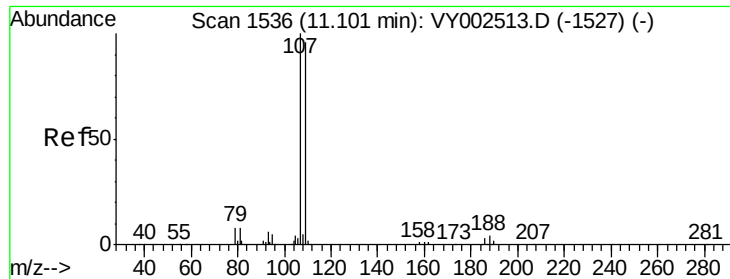
MMDadoda
5/4/2020 2:19:11 PM



#60
Dibromochloromethane
Concen: 19.623 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion: 129 Resp: 67158
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.674 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 107 Resp: 52419

Ion Ratio Lower Upper

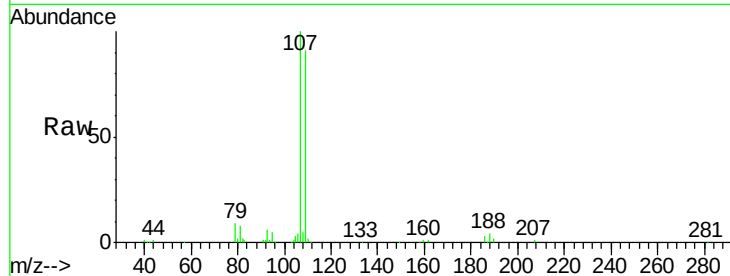
107 100

109 93.8 75.8 113.8

Manual Integrations
APPROVED

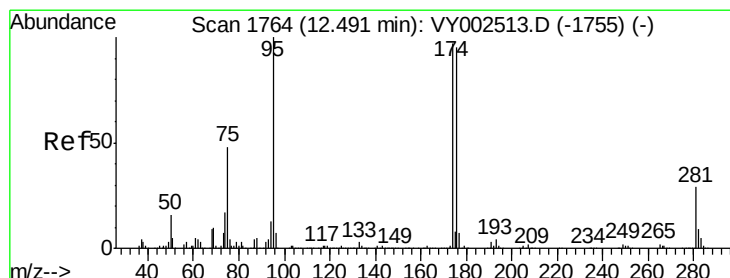
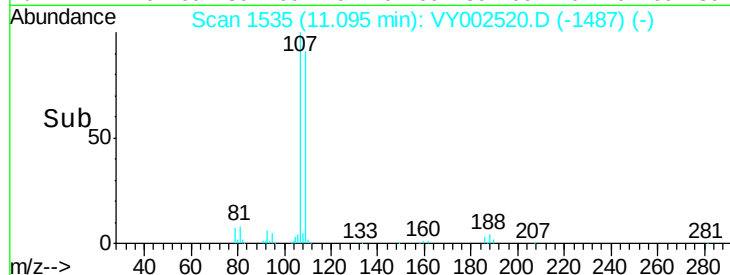
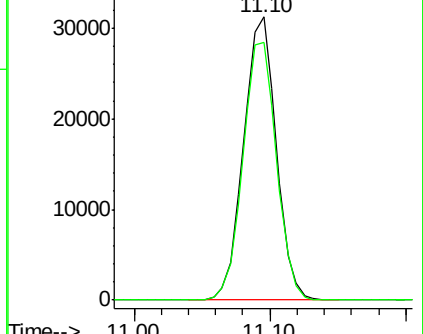
MMDadoda

5/4/2020 2:19:11 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.665 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

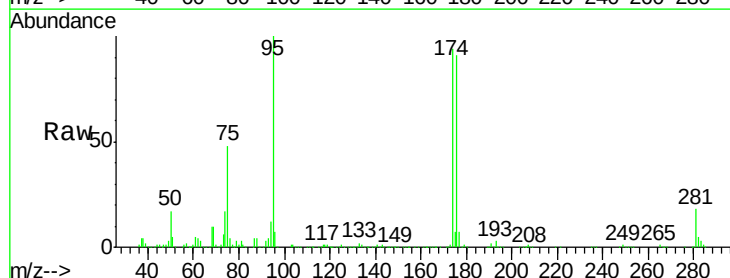
Tgt Ion: 95 Resp: 235683

Ion Ratio Lower Upper

95 100

174 93.5 0.0 188.8

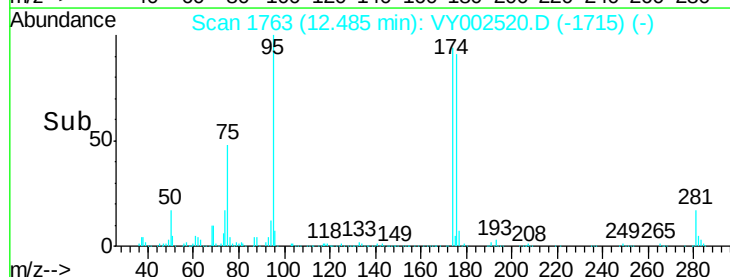
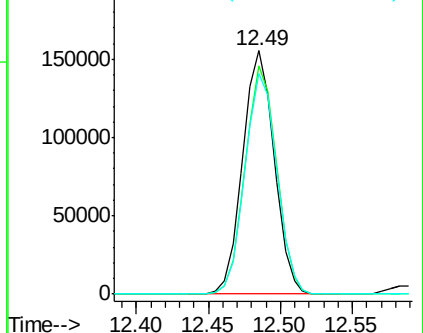
176 91.5 0.0 183.2

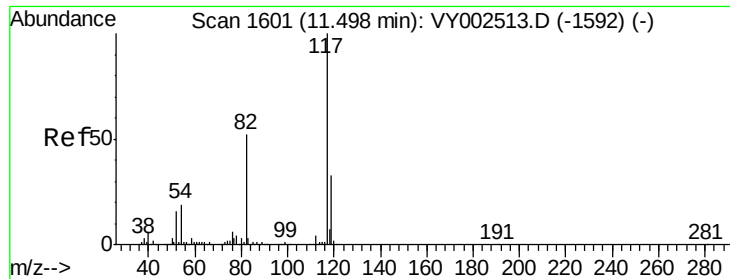


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





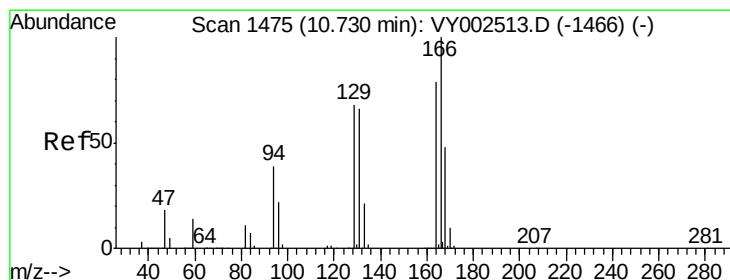
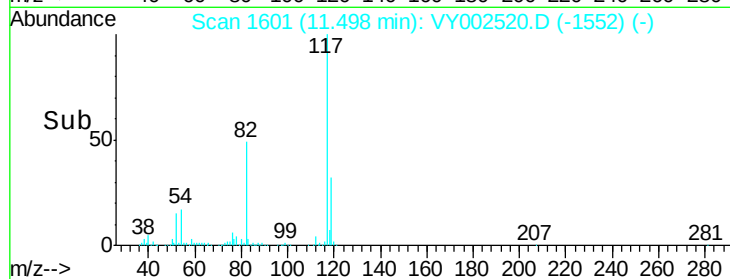
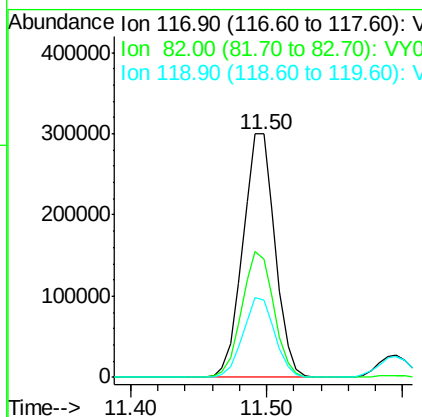
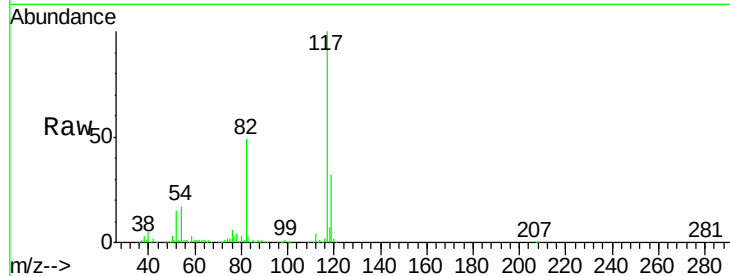
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	495124		
82	48.6	41.3	61.9	
119	31.8	26.0	39.0	

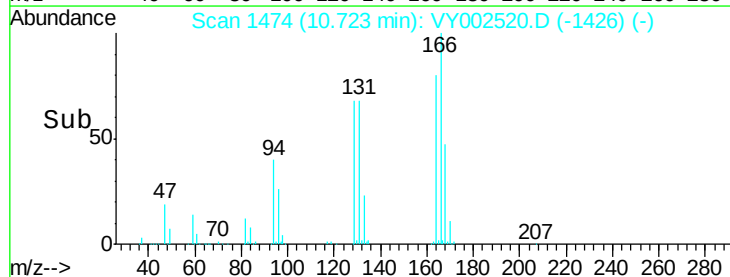
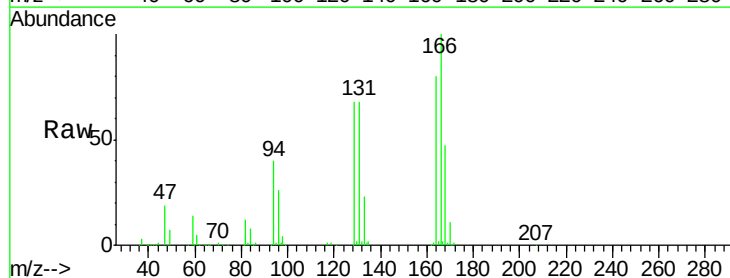
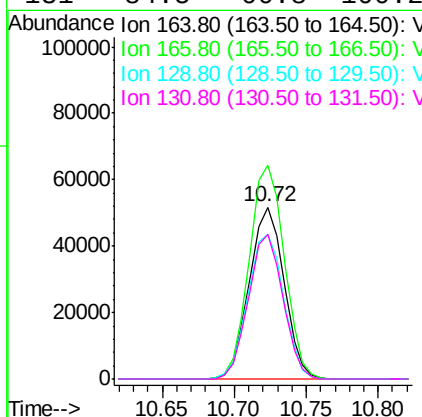
Manual Integrations
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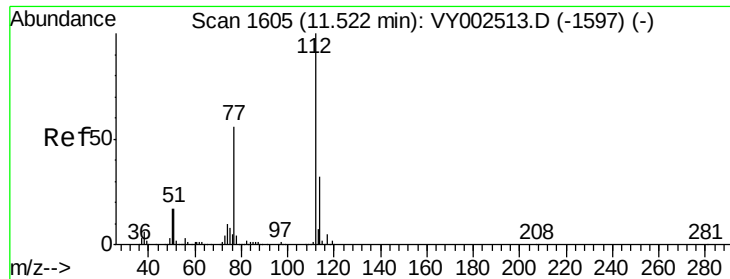
MMDadoda
5/4/2020 2:19:11 PM



#64
Tetrachloroethene
Concen: 19.641 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86406		
166	124.4	100.7	151.1	
129	84.3	68.3	102.5	
131	84.5	66.8	100.2	





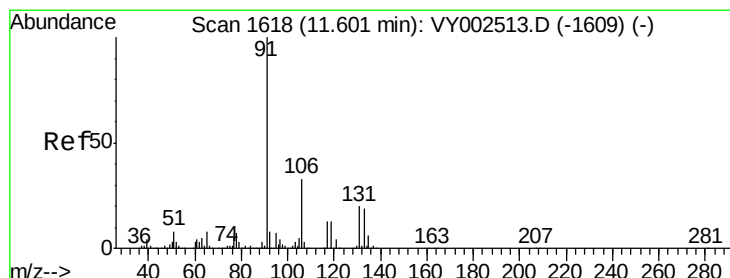
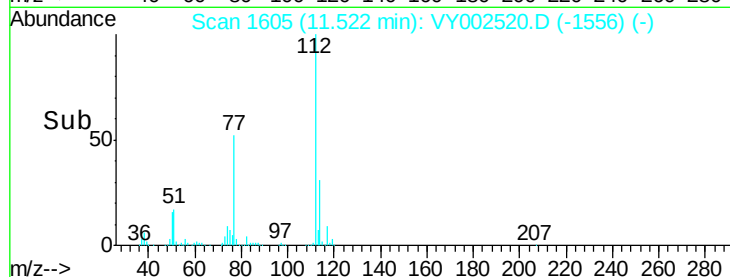
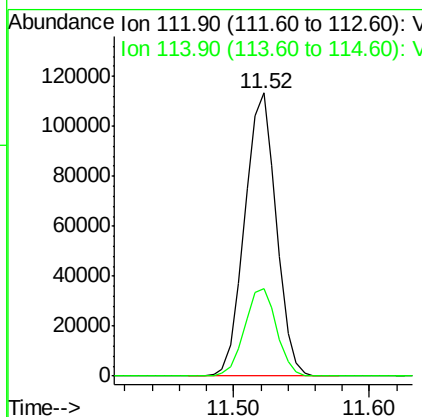
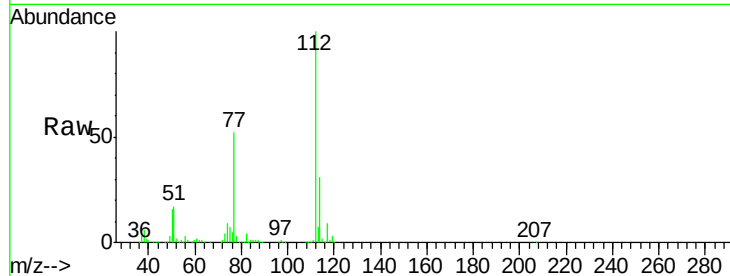
#65
Chlorobenzene
Concen: 19.519 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.8	38.6

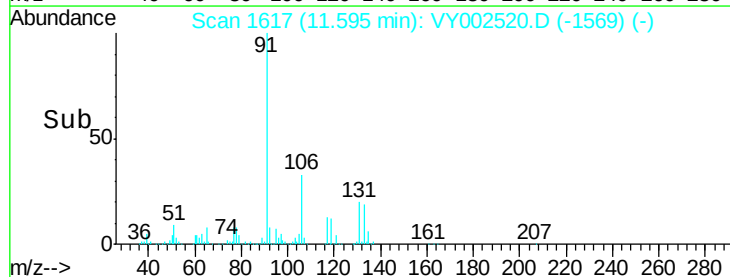
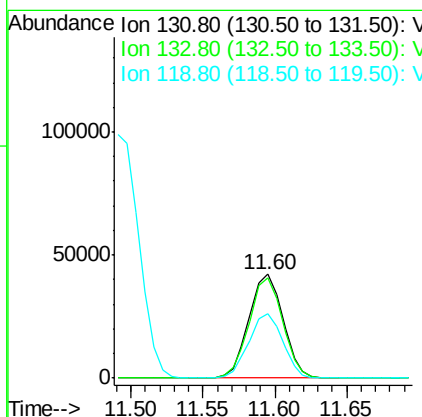
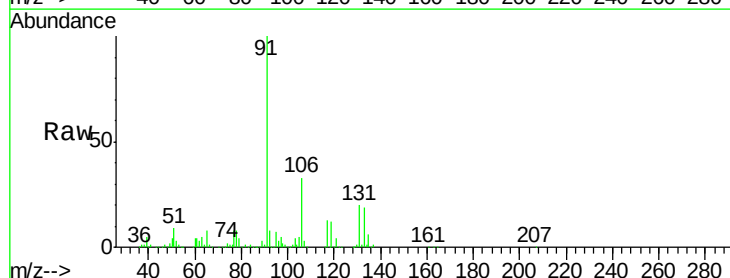
Manual Integrations
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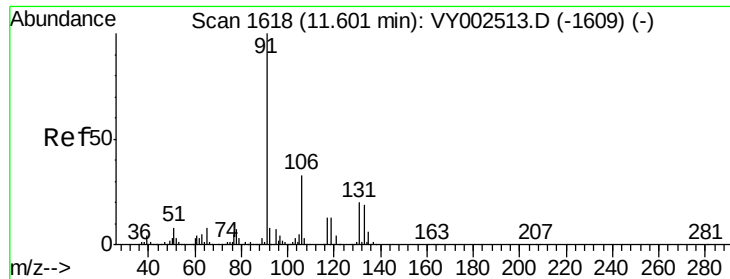
MMDadoda
5/4/2020 2:19:11 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.862 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.1	144.4
119	62.1	31.6	95.0





#67

Ethyl Benzene

Concen: 19.551 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 91 Resp: 323249

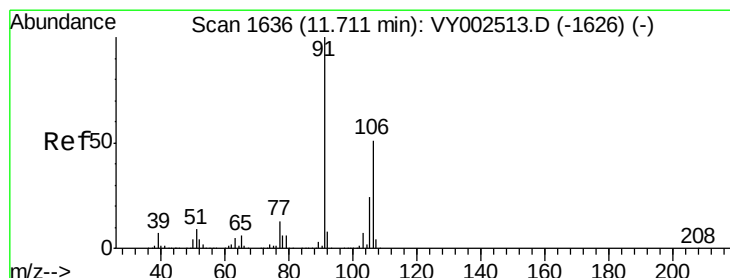
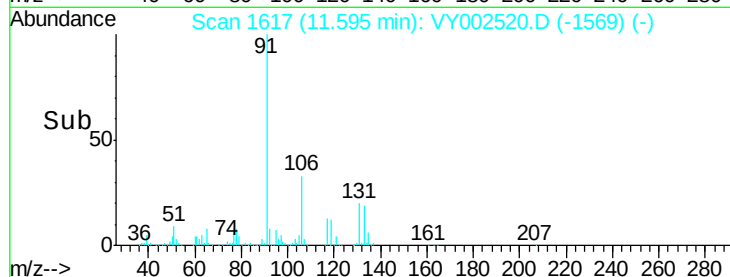
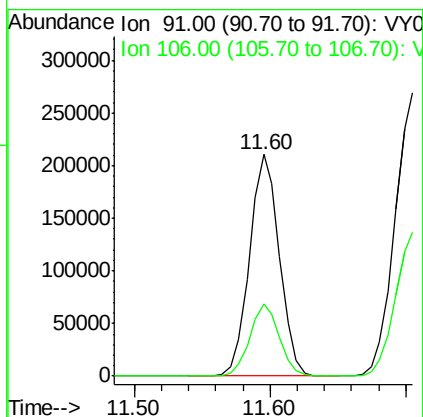
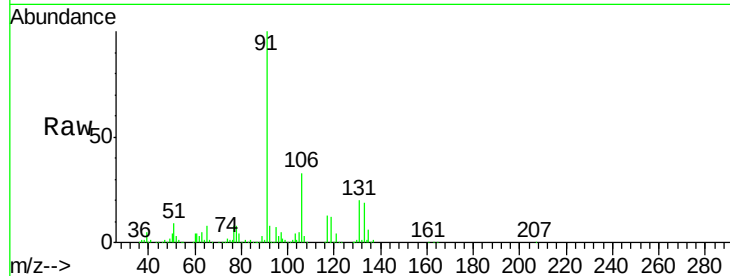
Ion Ratio Lower Upper

91 100

106 32.8 26.1 39.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.597 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002520.D

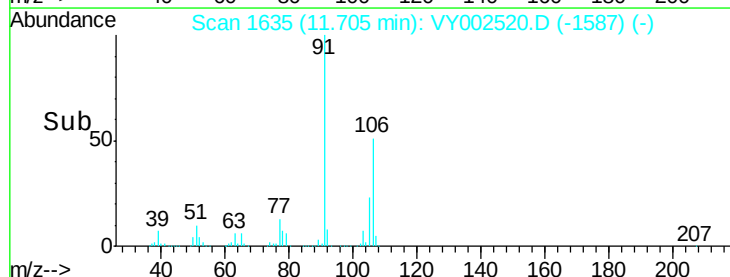
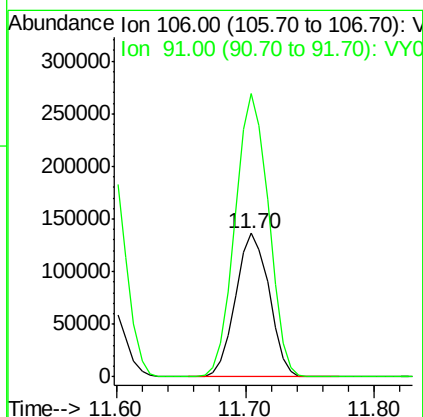
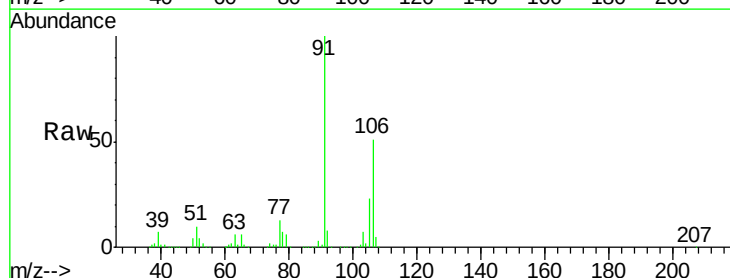
Acq: 01 May 2020 11:48

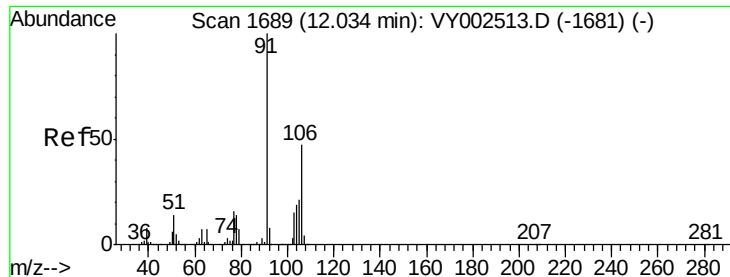
Tgt Ion: 106 Resp: 246912

Ion Ratio Lower Upper

106 100

91 196.6 155.2 232.8





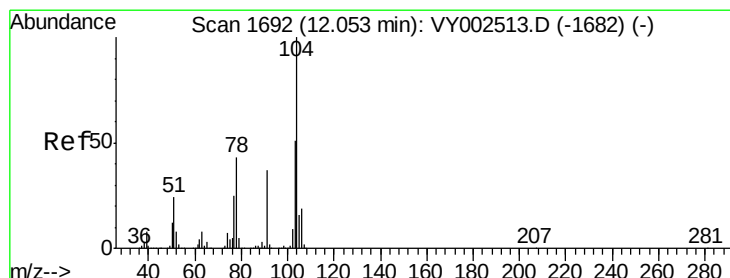
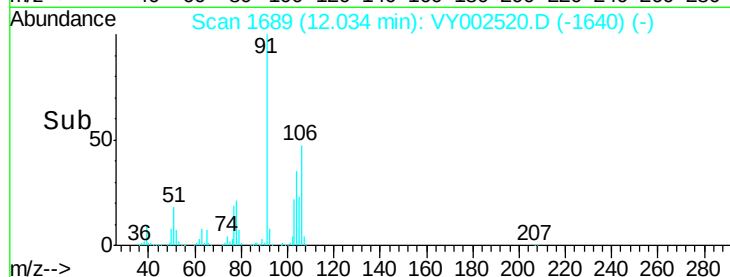
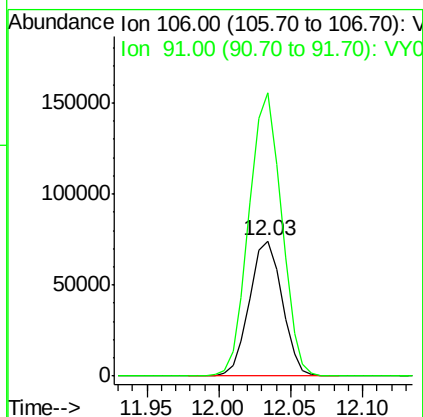
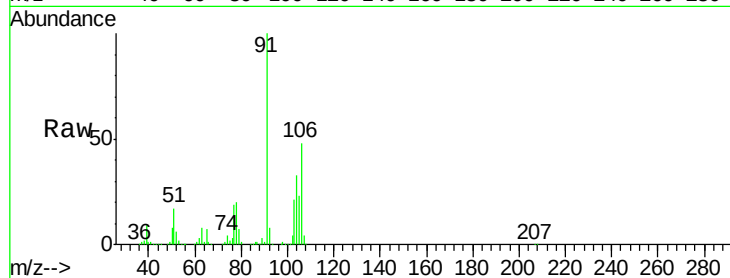
#69
o-Xylene
Concen: 19.527 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	116959		
91	91	208.0	103.8	311.3	

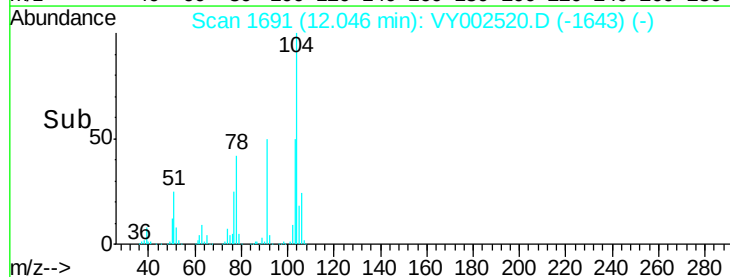
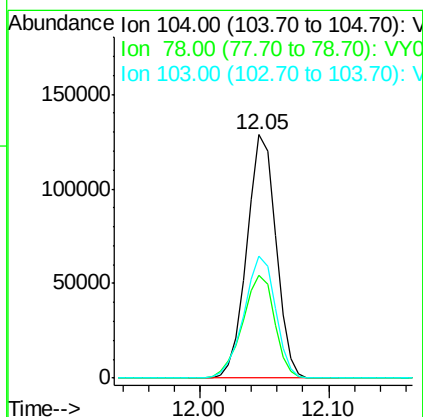
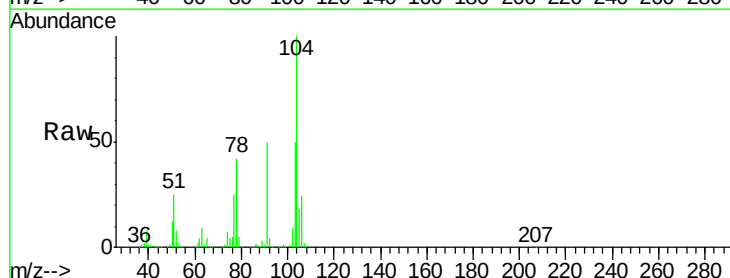
Manual Integrations
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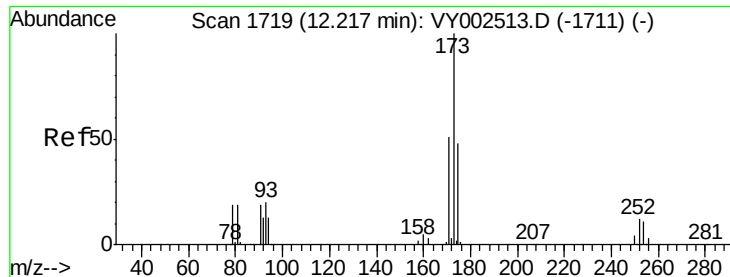
MMDadoda
5/4/2020 2:19:11 PM



#70
Styrene
Concen: 19.583 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	200519		
78	78	46.5	37.4	56.0	
103	103	54.3	43.9	65.9	





#71

Bromoform

Concen: 19.840 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

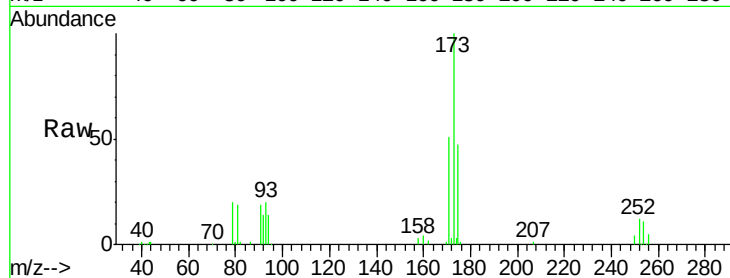
ClientSampleId :

VY0501SBS01

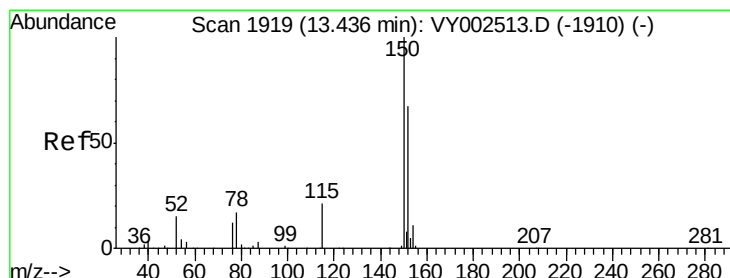
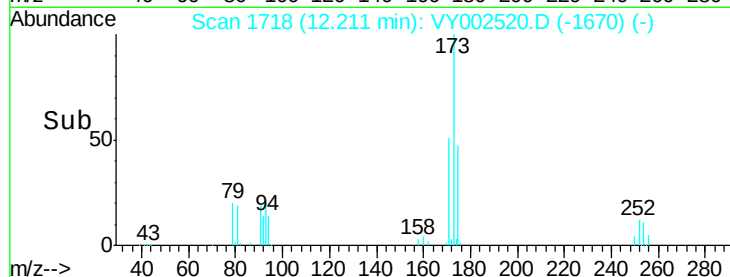
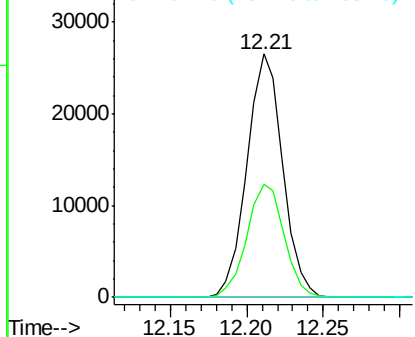
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.0	0.2	0.2

Manual Integrations
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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

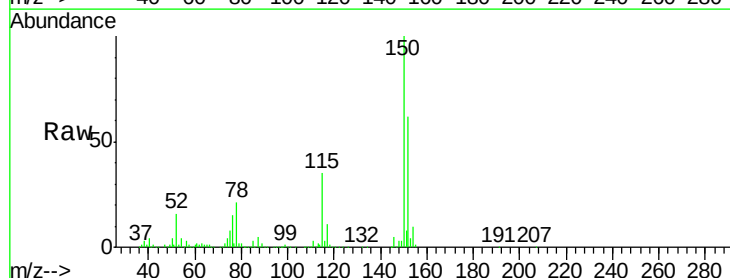
RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

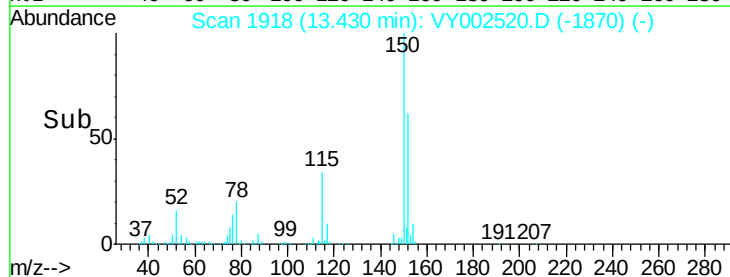
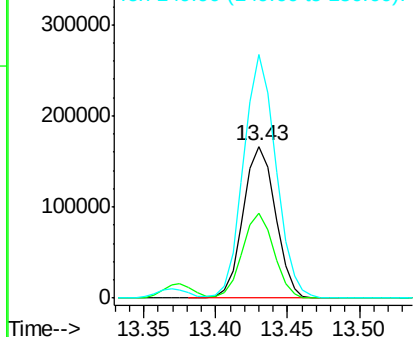
Lab File: VY002520.D

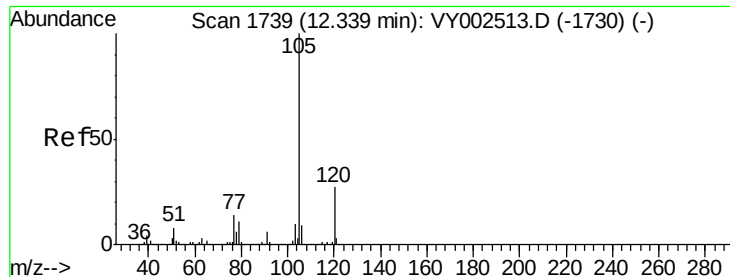
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.5	82.4
150	162.1	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: 19.176 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion: 105 Resp: 320023

Ion Ratio Lower Upper

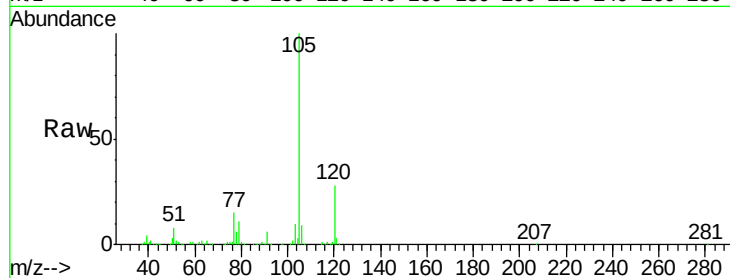
105 100

120 27.3 13.8 41.3

Manual Integrations
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MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

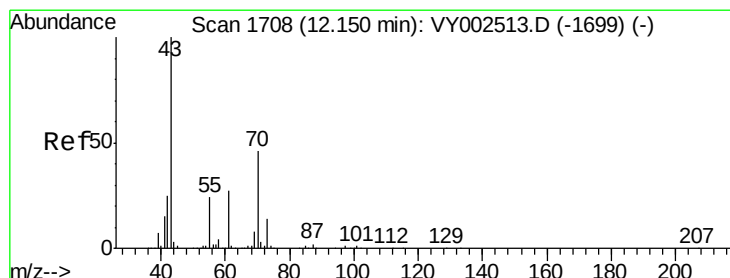
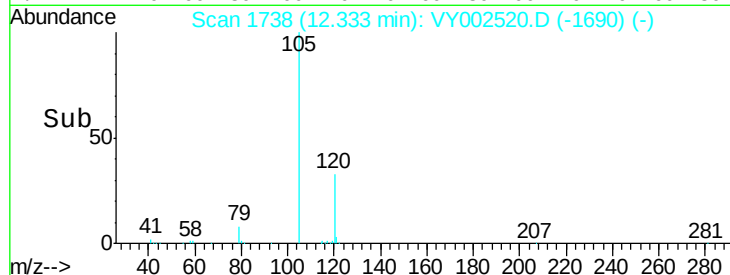
100000

50000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 20.009 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Tgt Ion: 43 Resp: 80327

Ion Ratio Lower Upper

43 100

70 47.4 36.7 55.1

55 25.0 19.2 28.8

61 26.4 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

80000

60000

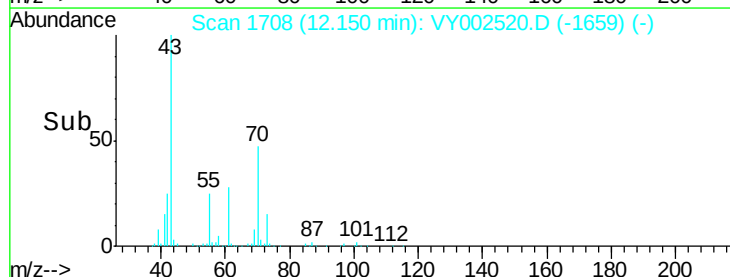
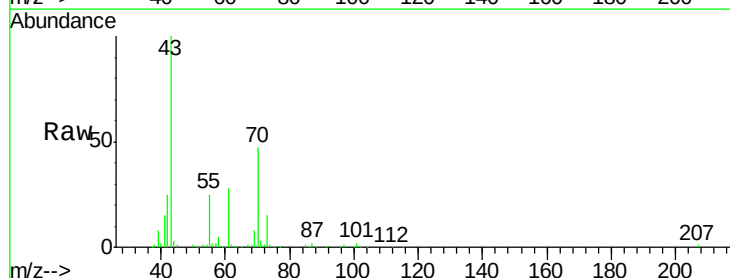
40000

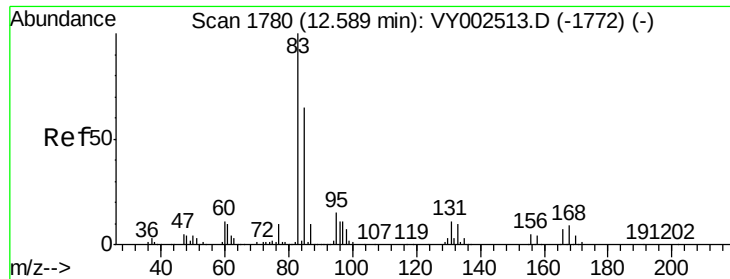
20000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.879 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

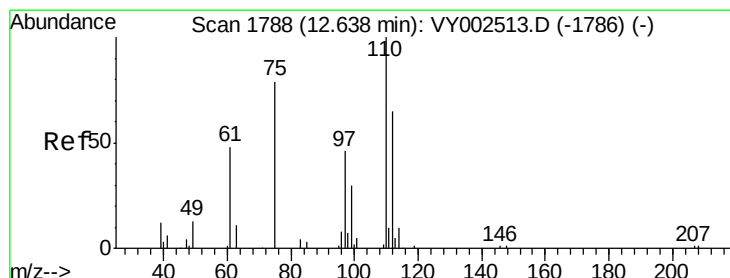
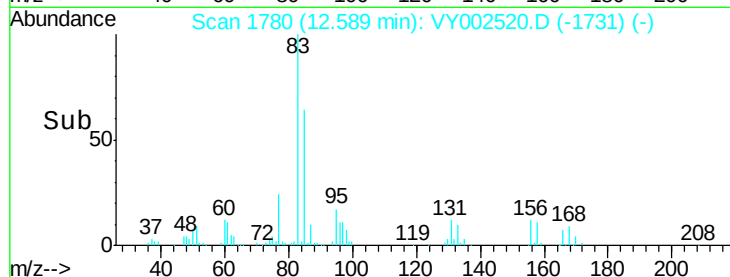
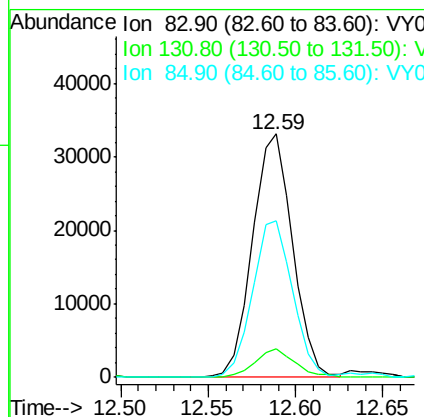
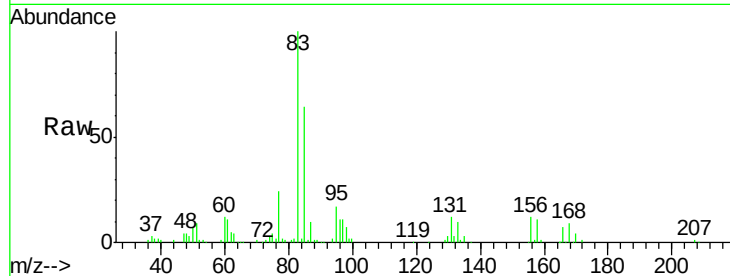
ClientSampleId :

VY0501SBS01

Tot Ion:	83	Resp:	52761
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.8
85	64.1	31.9	95.9

Manual Integrations
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5/4/2020 2:19:11 PM



#76

1,2,3-Trichloropropane

Concen: 21.755 ug/l m

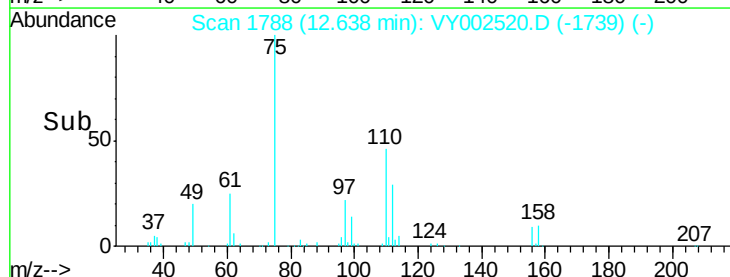
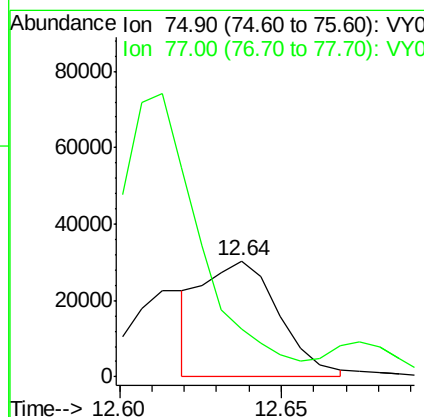
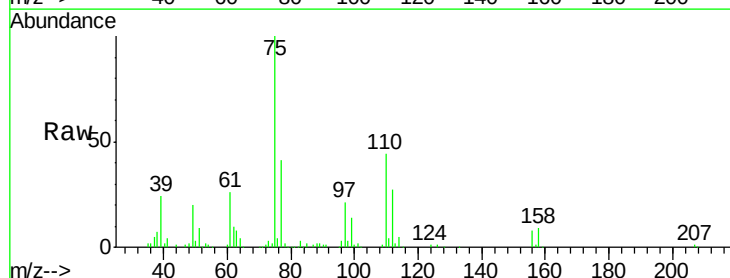
RT: 12.64 min Scan# 1788

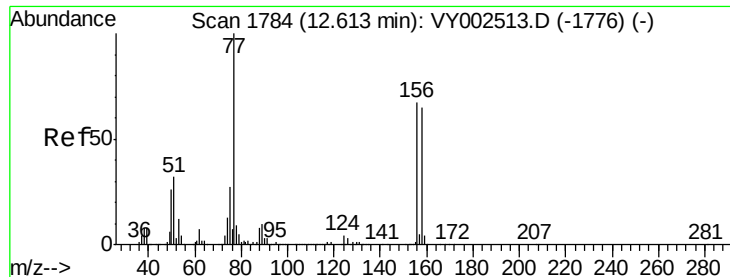
Delta R.T. -0.00 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Tgt Ion:	75	Resp:	49782
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.220 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

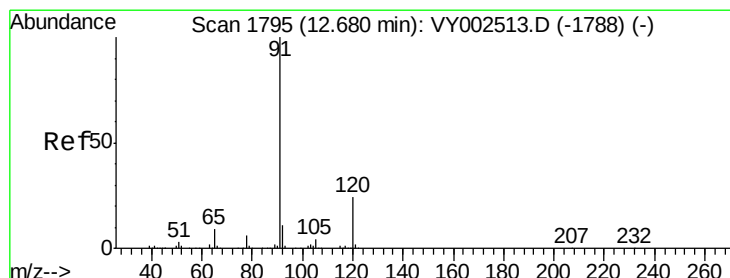
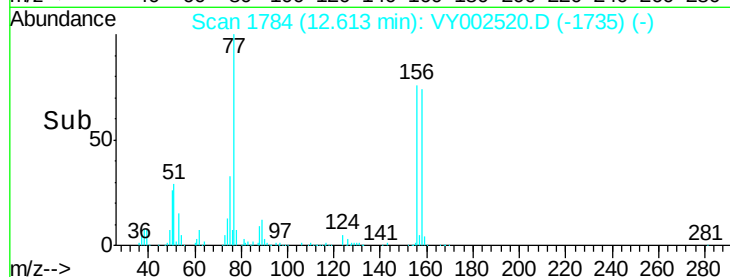
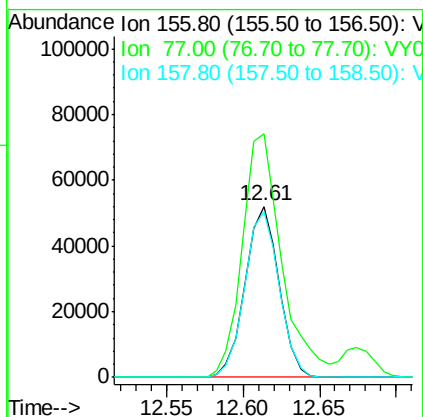
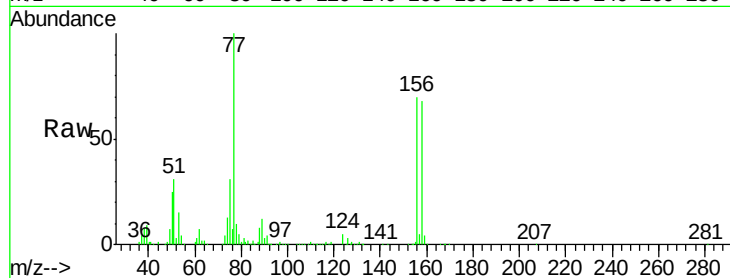
ClientSampleId :

VY0501SBS01

Tot Ion:	156	Resp:	80134
Ion	Ratio	Lower	Upper
156	100		
77	166.0	82.0	245.8
158	98.2	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.303 ug/l

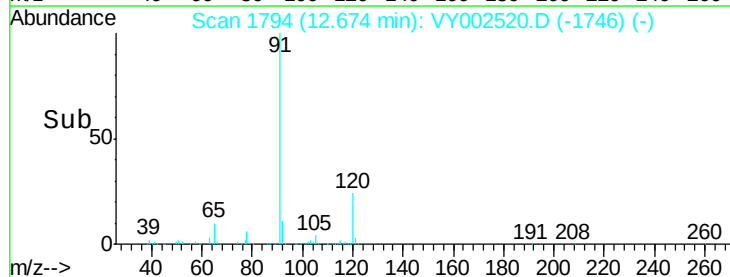
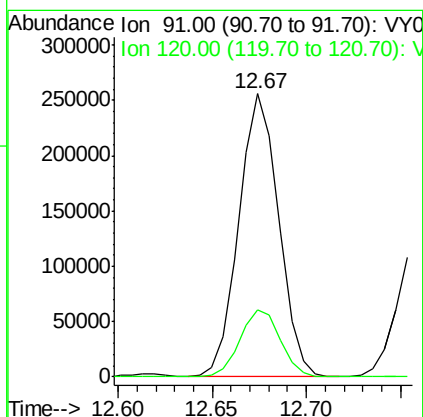
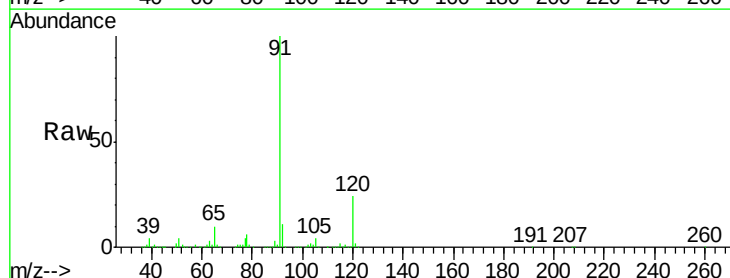
RT: 12.67 min Scan# 1794

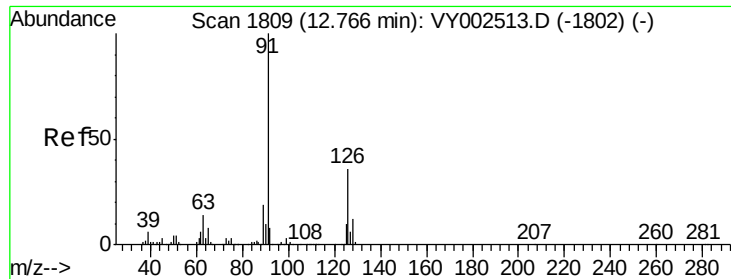
Delta R.T. -0.01 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Tgt Ion:	91	Resp:	373828
Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.2	36.4





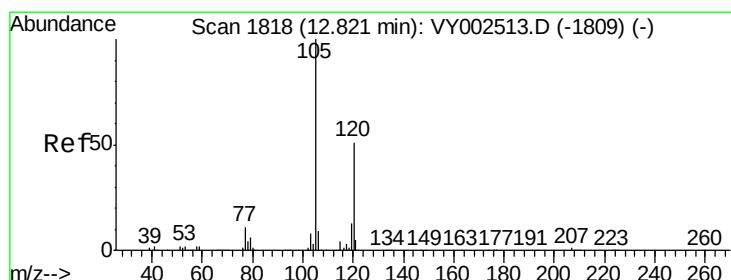
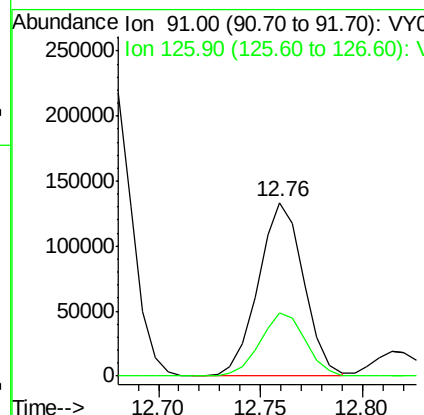
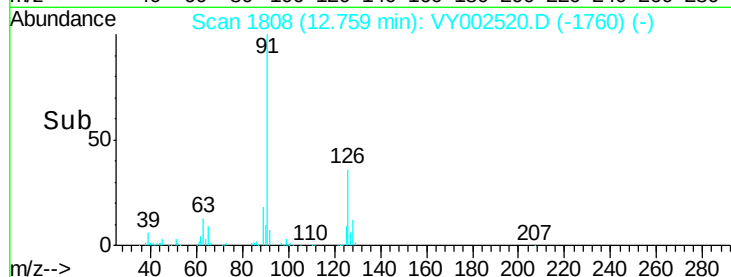
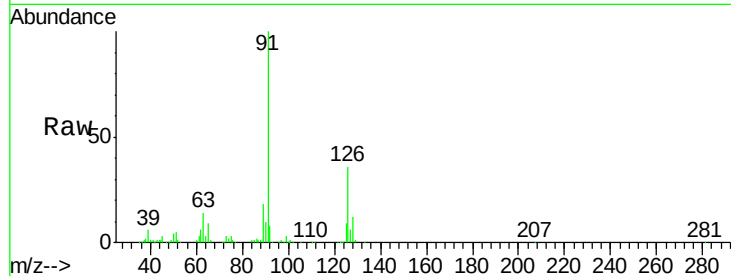
#79
2-Chlorotoluene
Concen: 19.163 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion: 91 Resp: 205579
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.2

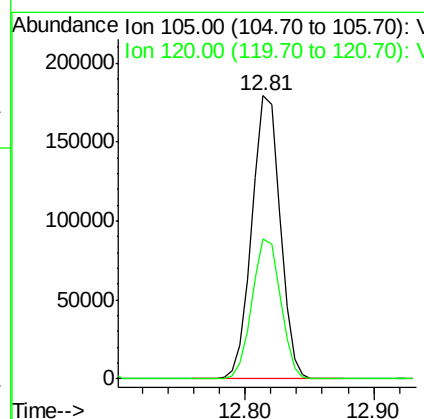
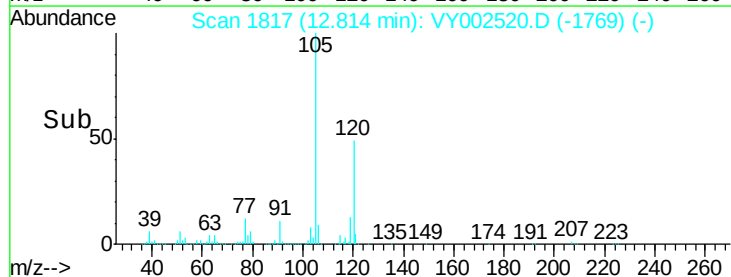
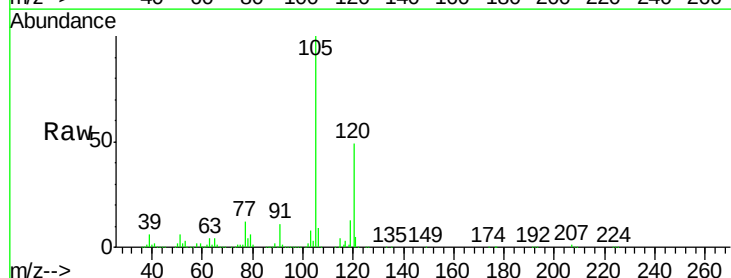
Manual Integrations
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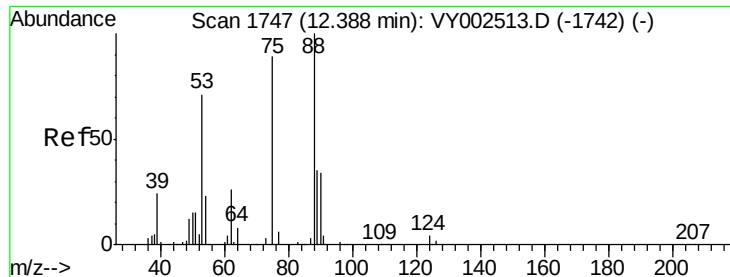
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 19.492 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion: 105 Resp: 269635
Ion Ratio Lower Upper
105 100
120 50.1 25.3 75.9





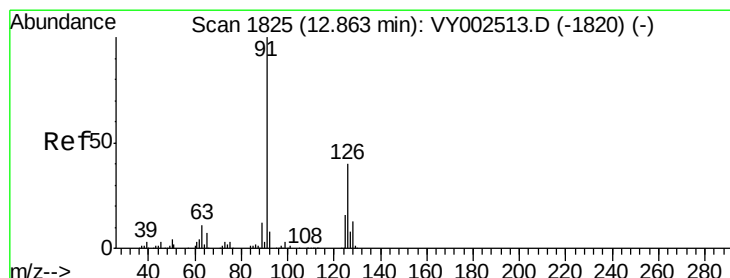
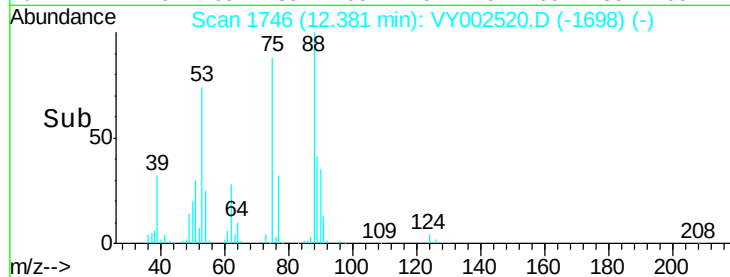
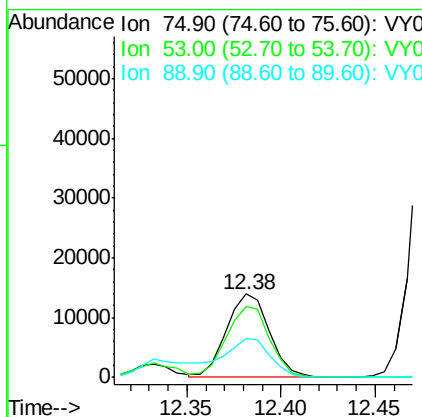
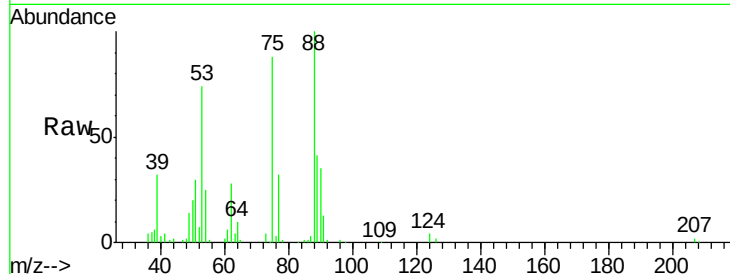
#81
trans-1,4-Dichloro-2-butene
Concen: 19.318 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.5	67.4	101.0
89	50.3	37.4	56.0

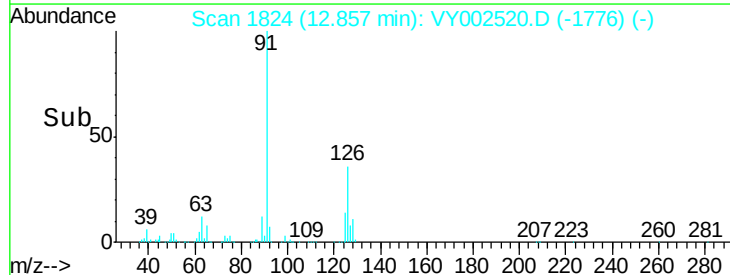
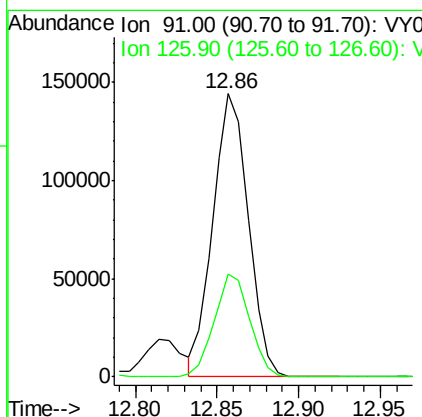
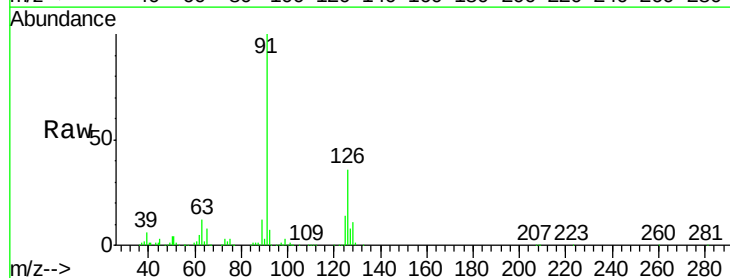
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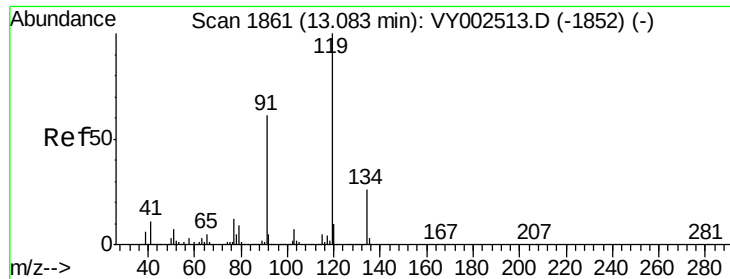
MMDadoda
5/4/2020 2:19:11 PM



#82
4-Chlorotoluene
Concen: 19.371 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5





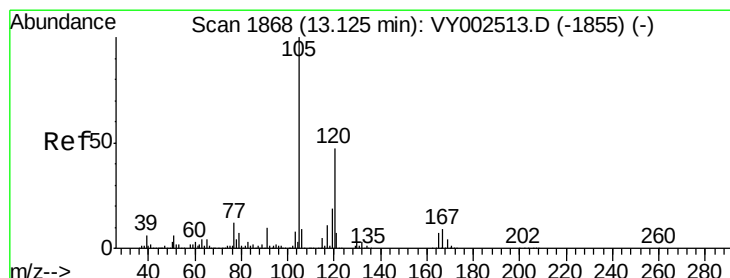
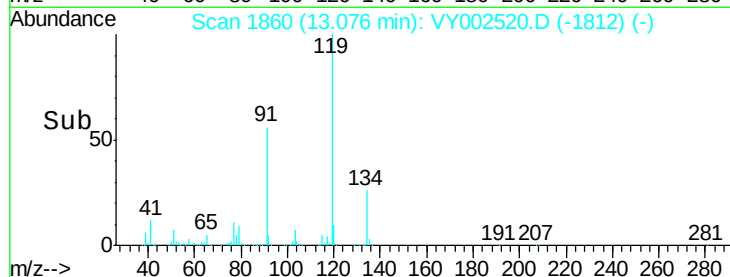
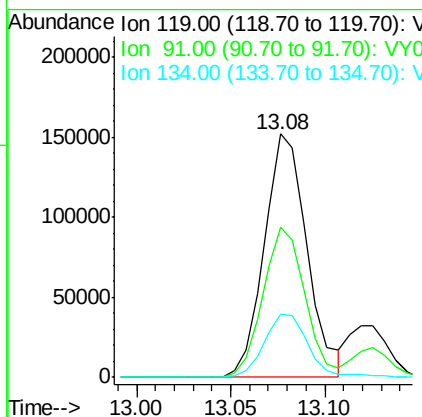
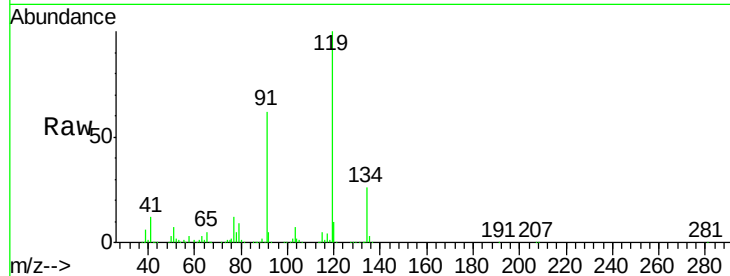
#83
 tert-Butylbenzene
 Concen: 19.710 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	239075		
91	60.5	30.6	91.6	
134	26.9	13.5	40.4	

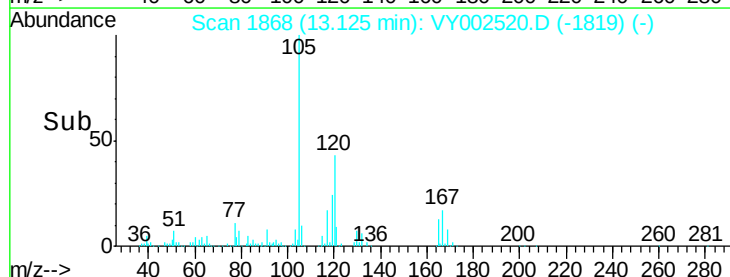
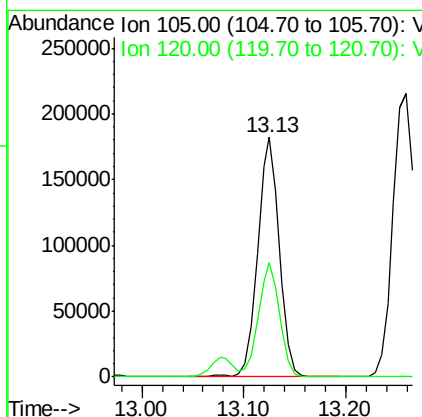
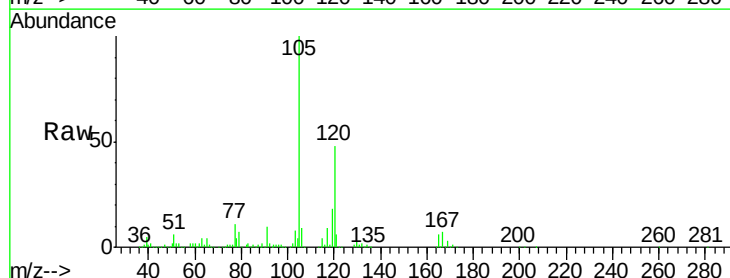
Manual Integrations
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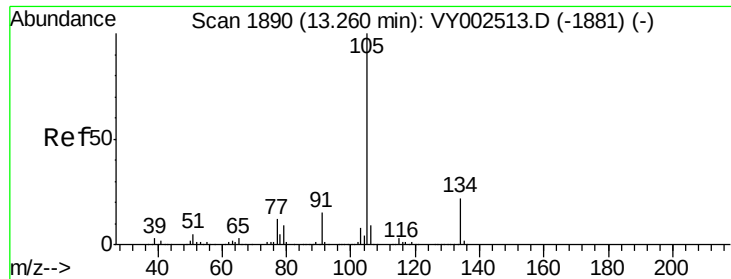
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.547 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269479		
120	47.0	23.4	70.3	





#85

sec-Butylbenzene

Concen: 19.352 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tot Ion:105 Resp: 325712

Ion Ratio Lower Upper

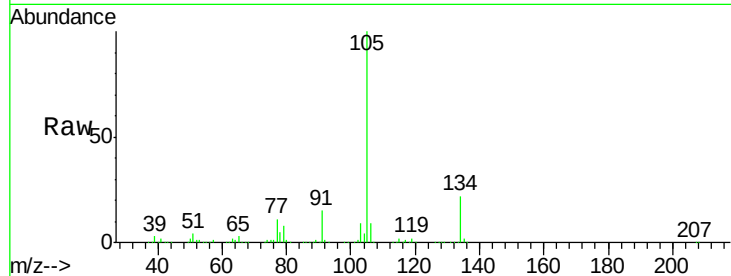
105 100

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

250000

200000

150000

100000

50000

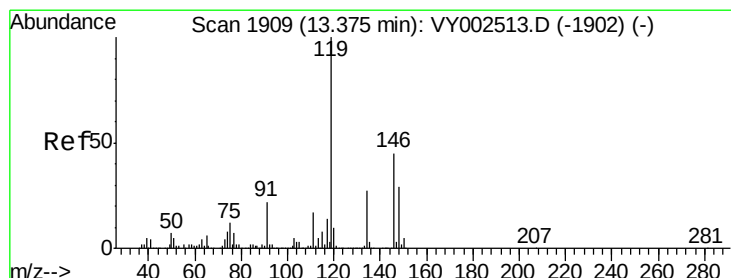
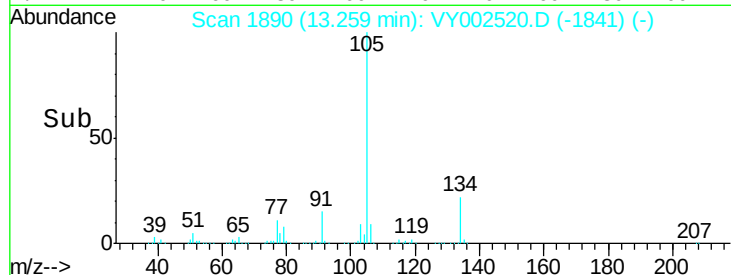
0

13.20

13.26

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 19.578 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002520.D

Acq: 01 May 2020 11:48

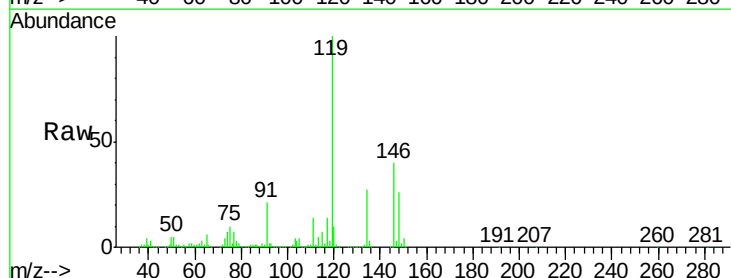
Tgt Ion:119 Resp: 308760

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 21.7 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

250000

200000

150000

100000

50000

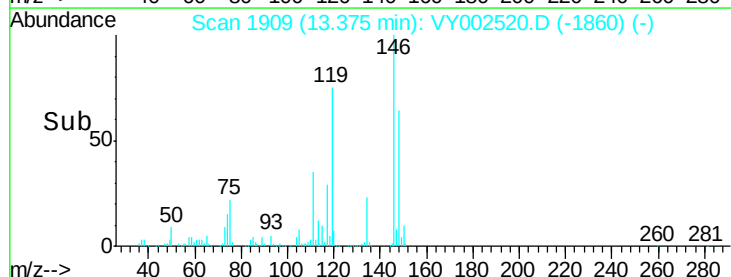
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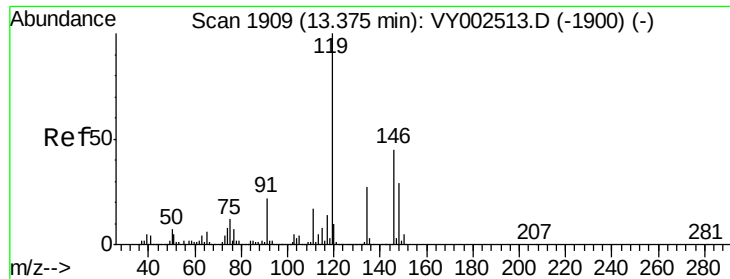
13.30

13.35

13.40

Time-->





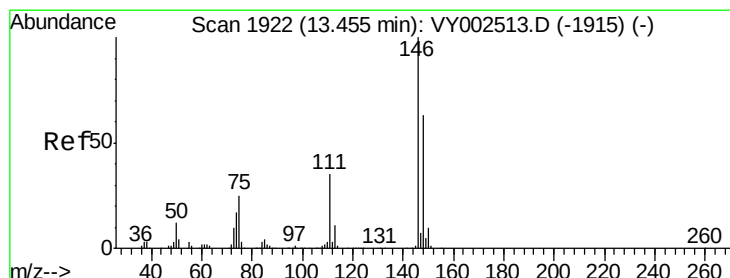
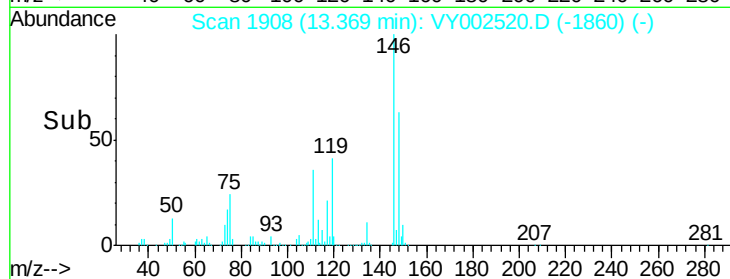
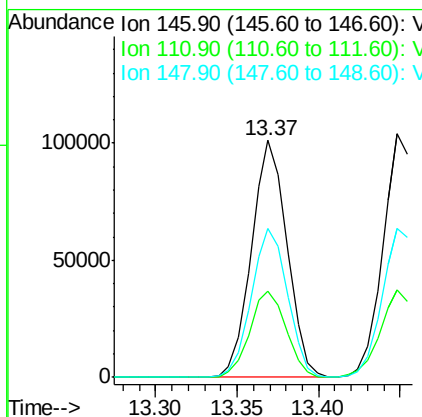
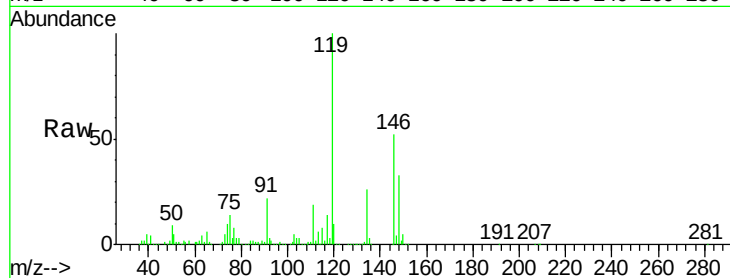
#87
 1,3-Dichlorobenzene
 Concen: 19.516 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	63.6	32.1	96.3

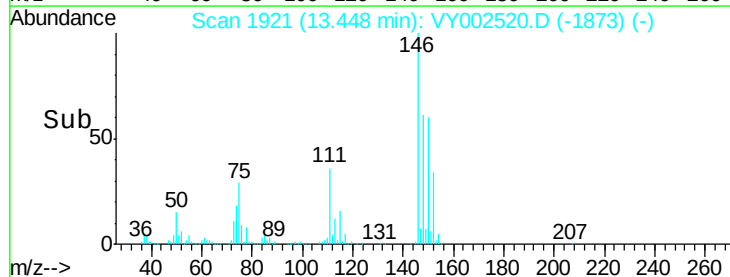
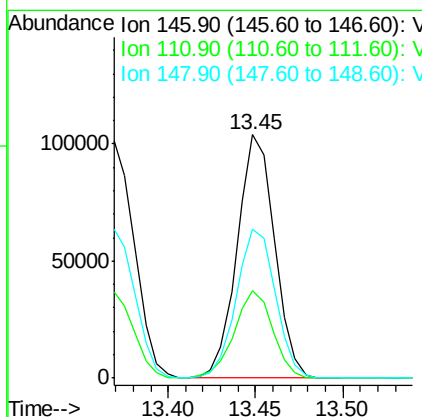
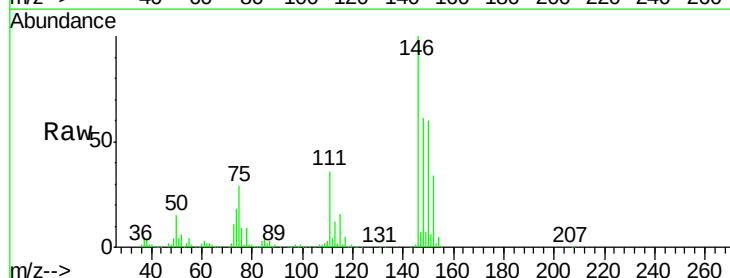
Manual Integrations
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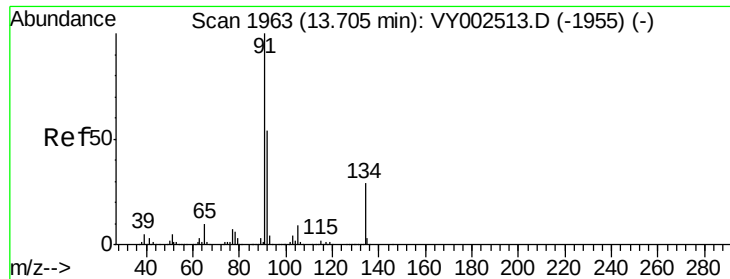
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#88
 1,4-Dichlorobenzene
 Concen: 19.878 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	63.9	31.9	95.5





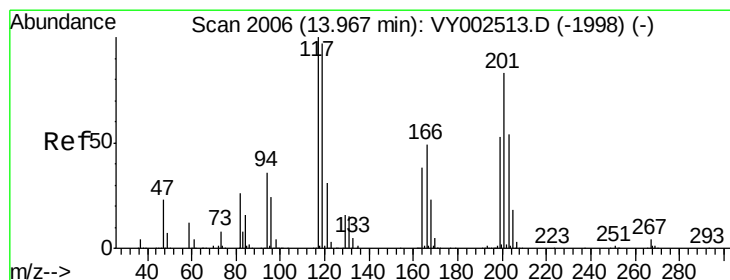
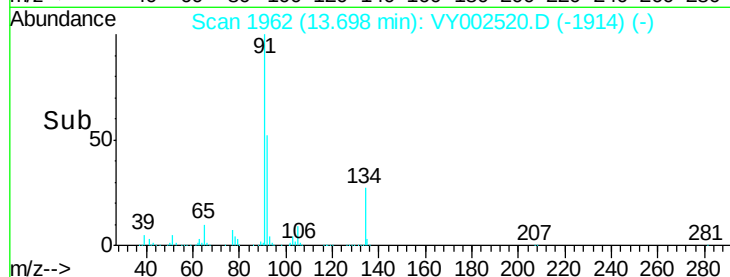
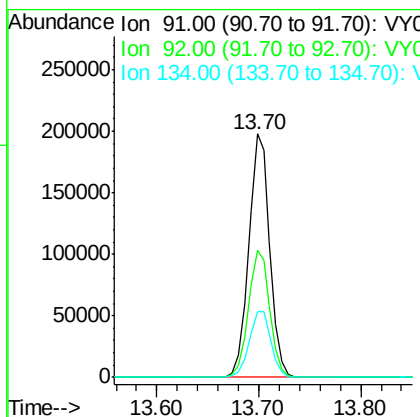
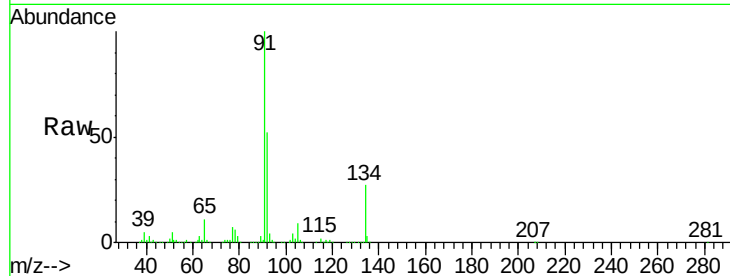
#89
n-Butylbenzene
Concen: 19.629 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.1	81.3
134	28.3	14.4	43.0

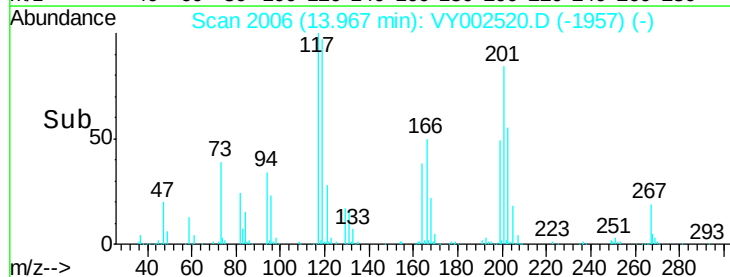
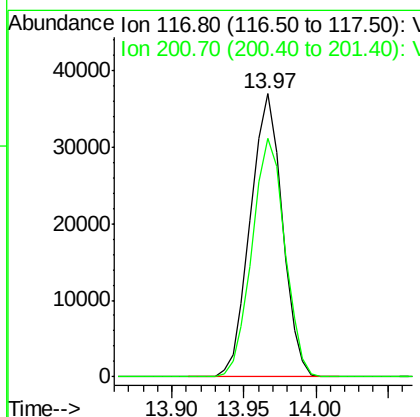
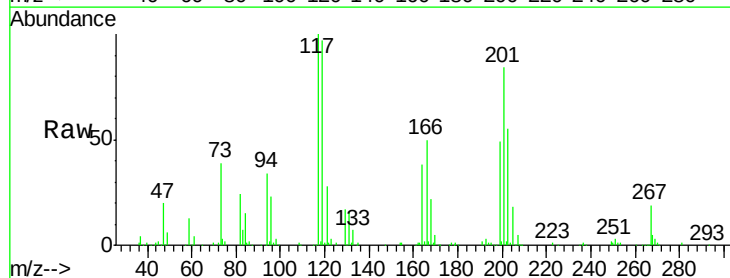
Manual Integrations
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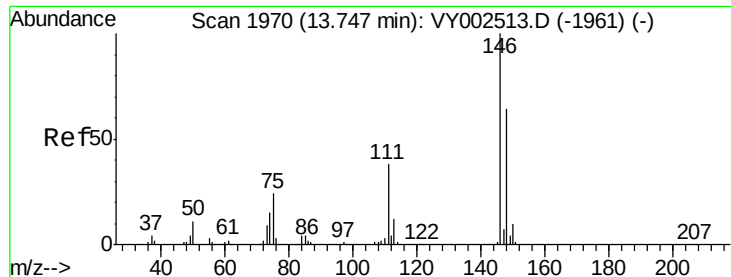
MMDadoda
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#90
Hexachloroethane
Concen: 19.758 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	44.4	133.2





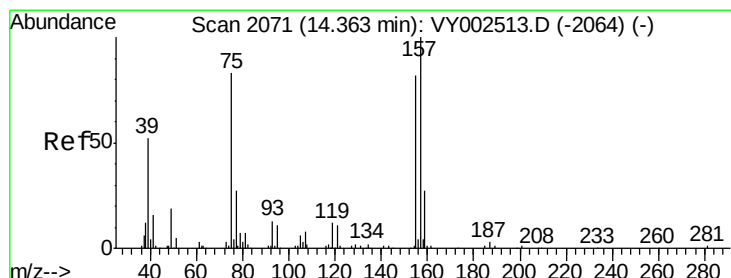
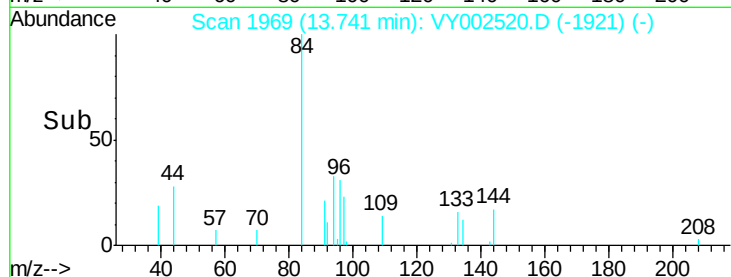
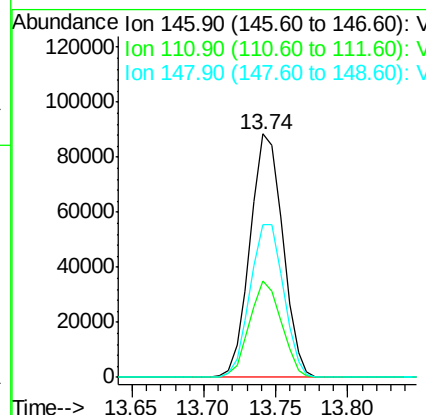
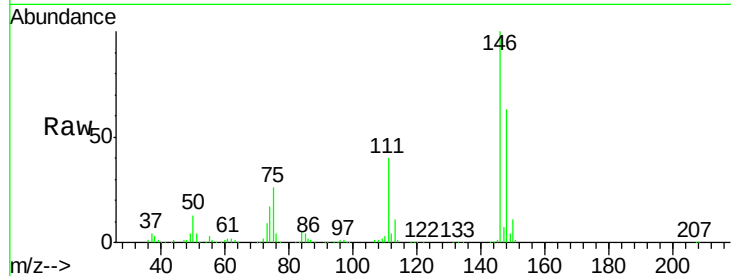
#91
 1,2-Dichlorobenzene
 Concen: 19.704 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	64.4	31.9	95.7

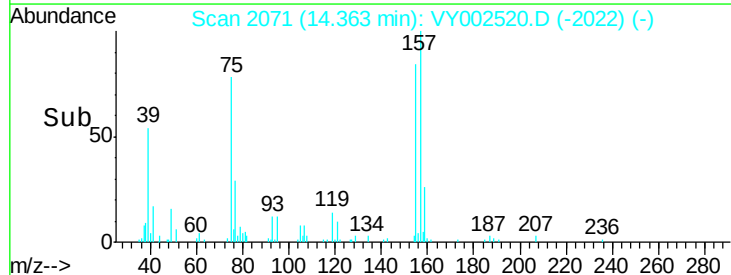
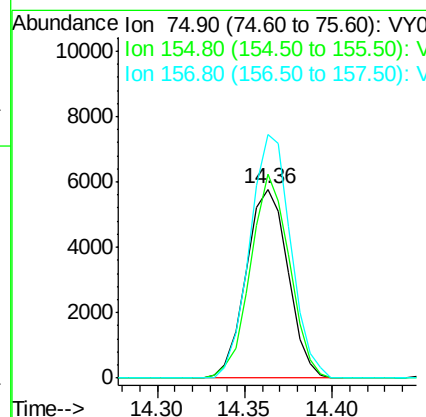
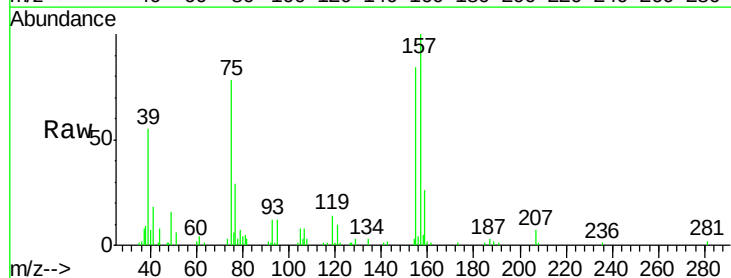
Manual Integrations
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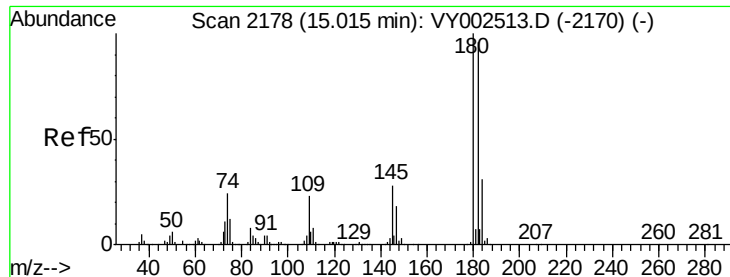
MMDadoda
 5/4/2020 2:19:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.372 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.6	51.3	153.9
157	126.6	65.0	195.0





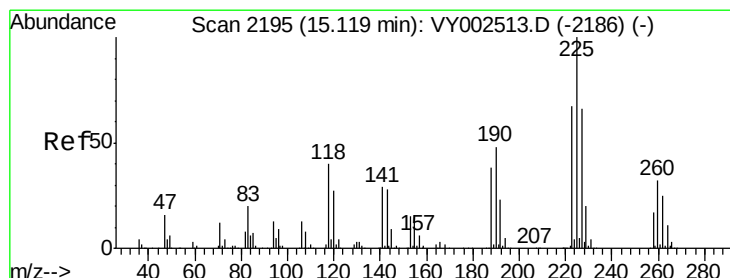
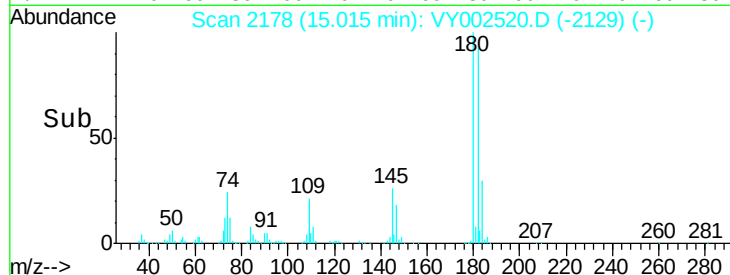
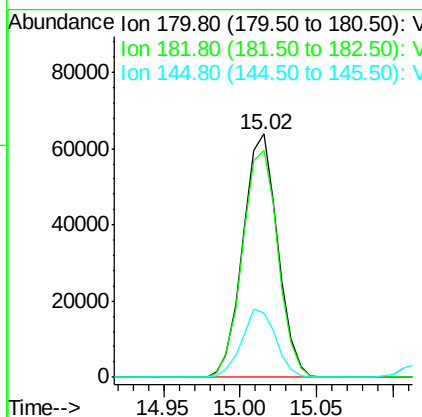
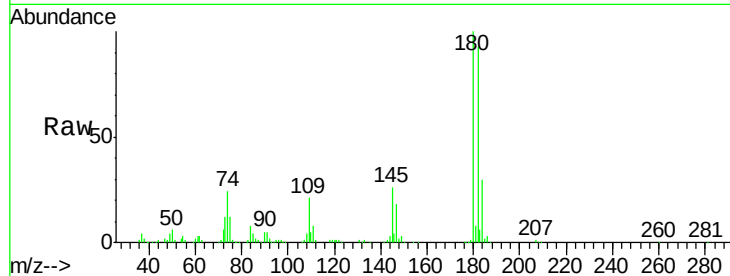
#93
 1,2,4-Trichlorobenzene
 Concen: 19.738 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tot Ion:	180	Resp:	100903
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.6
145	27.7	14.4	43.0

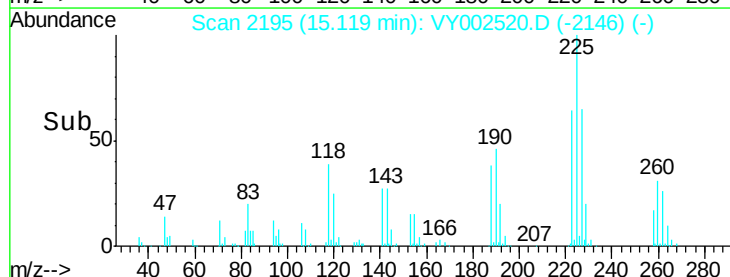
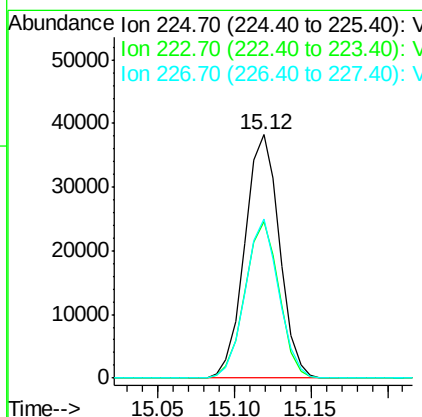
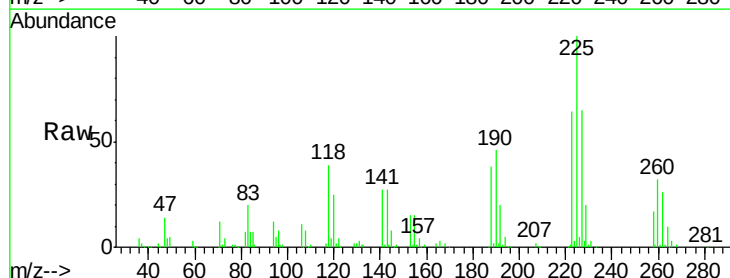
Manual Integrations
 APPROVED

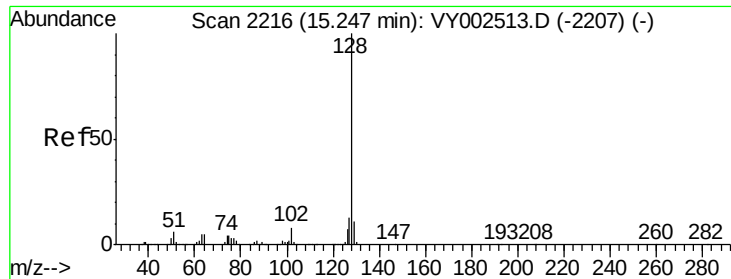
MMDadoda
 5/4/2020 2:19:11 PM



#94
 Hexachlorobutadiene
 Concen: 19.639 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002520.D
 Acq: 01 May 2020 11:48

Tgt Ion:	225	Resp:	60265
Ion Ratio	Lower	Upper	
225	100		
223	63.3	32.1	96.5
227	63.3	32.0	96.2





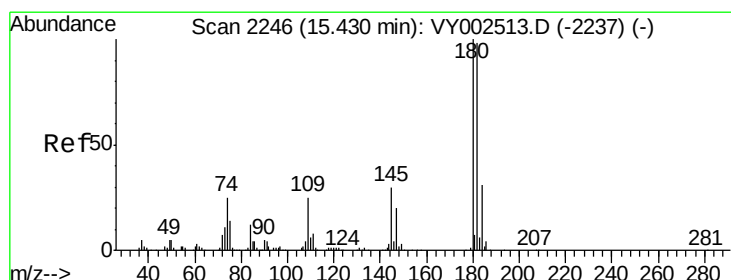
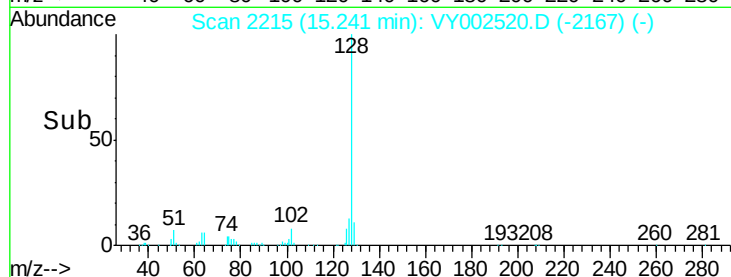
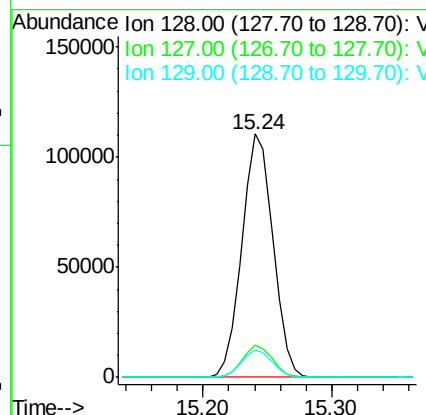
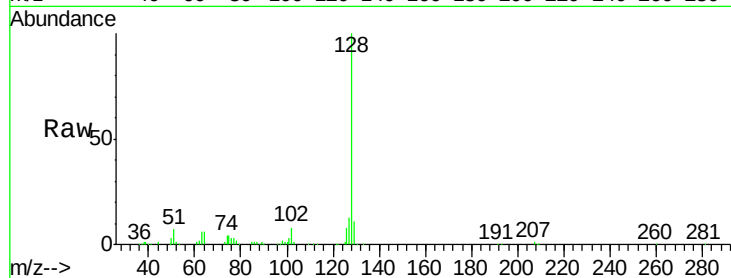
#95
Naphthalene
Concen: 19.775 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Instrument :
MSVOA_Y
ClientSampled :
VY0501SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	184422		
127	12.8	10.5	15.7	
129	11.1	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.450 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002520.D
Acq: 01 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84409		
182	98.1	47.9	143.8	
145	31.3	15.0	45.1	

