

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003256.D
 Acq On : 21 Jul 2020 18:04
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:43:25 PM

Quant Time: Jul 22 03:45:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	429814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	583240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	318394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	176343	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.72	113	168693	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	10.18	98	623011	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	12.48	95	224699	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	70447	22.868	ug/l	99
3) Chloromethane	2.12	50	93441	21.868	ug/l	99
4) Vinyl Chloride	2.26	62	95480	21.778	ug/l	98
5) Bromomethane	2.65	94	74999	23.031	ug/l	95
6) Chloroethane	2.79	64	63359	22.003	ug/l	99
7) Trichlorofluoromethane	3.13	101	138313	22.091	ug/l	100
8) Diethyl Ether	3.54	74	46612	22.217	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	82337	21.774	ug/l	98
10) Methyl Iodide	4.10	142	79312	19.306	ug/l	98
11) Tert butyl alcohol	4.97	59	48966	124.825	ug/l	97
12) 1,1-Dichloroethene	3.88	96	78545	21.961	ug/l	96
13) Acrolein	3.74	56	29117	85.516	ug/l	97
14) Allyl chloride	4.48	41	126173	23.774	ug/l	96
15) Acrylonitrile	5.18	53	119678	118.748	ug/l	99
16) Acetone	3.96	43	99225	122.449	ug/l	94
17) Carbon Disulfide	4.20	76	240328	21.898	ug/l	97
18) Methyl Acetate	4.49	43	56859	25.266	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	224407	22.389	ug/l	98
20) Methylene Chloride	4.72	84	100638	21.558	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	88033	21.761	ug/l	98
22) Diisopropyl ether	6.13	45	276903	23.509	ug/l	97
23) Vinyl Acetate	6.07	43	916581	116.753	ug/l	99
24) 1,1-Dichloroethane	6.03	63	154370	22.622	ug/l	97
25) 2-Butanone	7.00	43	156966	117.975	ug/l	100
26) 2,2-Dichloropropane	6.99	77	129599	21.089	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	97093	21.799	ug/l	98
28) Bromochloromethane	7.34	49	68888	23.317	ug/l	95
29) Tetrahydrofuran	7.35	42	108435	121.318	ug/l	95
30) Chloroform	7.51	83	156254	22.233	ug/l	97
31) Cyclohexane	7.79	56	145513	22.052	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	137451	21.724	ug/l	98
36) 1,1-Dichloropropene	7.92	75	124000	21.626	ug/l	99
37) Ethyl Acetate	7.08	43	73386	23.766	ug/l	98
38) Carbon Tetrachloride	7.91	117	125482	21.199	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	149027	20.690	ug/l	93
40) Benzene	8.16	78	341406	21.624	ug/l	99
41) Methacrylonitrile	7.32	41	37964m	20.414	ug/l	
42) 1,2-Dichloroethane	8.24	62	105462	21.698	ug/l	100
43) Isopropyl Acetate	8.28	43	133489	22.334	ug/l	99
44) Trichloroethene	8.94	130	102024	21.080	ug/l	94
45) 1,2-Dichloropropane	9.22	63	91987	22.517	ug/l	97
46) Dibromomethane	9.31	93	51388	21.537	ug/l	99
47) Bromodichloromethane	9.50	83	124045	21.859	ug/l	99
48) Methyl methacrylate	9.30	41	59522	22.276	ug/l	97
49) 1,4-Dioxane	9.30	88	14105	465.777	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	360371	116.000	ug/l	98
52) Toluene	10.24	92	215624	21.368	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	129921	22.097	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	147039	21.705	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	72386	21.409	ug/l	97
56) Ethyl methacrylate	10.51	69	101733	22.132	ug/l	97
57) 1,3-Dichloropropane	10.79	76	126622	22.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	262775	112.089	ug/l	99
59) 2-Hexanone	10.83	43	245031	112.987	ug/l	99
60) Dibromochloromethane	10.99	129	93152	21.905	ug/l	100
61) 1,2-Dibromoethane	11.09	107	71104	21.308	ug/l	98
64) Tetrachloroethene	10.72	164	102132	19.639	ug/l	98
65) Chlorobenzene	11.52	112	238481	21.225	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	91153	20.888	ug/l	98
67) Ethyl Benzene	11.59	91	422842	21.077	ug/l	96
68) m/p-Xylenes	11.70	106	317851	41.757	ug/l	99
69) o-Xylene	12.03	106	149308	20.996	ug/l	98
70) Styrene	12.04	104	257775	21.190	ug/l	100
71) Bromoform	12.20	173	61606	21.509	ug/l	100
73) Isopropylbenzene	12.33	105	415381	20.472	ug/l	100
74) N-amyl acetate	12.14	43	125569	22.056	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	86827	22.157	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	58337m	20.699	ug/l	
77) Bromobenzene	12.61	156	105874	20.471	ug/l	98
78) n-propylbenzene	12.67	91	496275	20.750	ug/l	100
79) 2-Chlorotoluene	12.75	91	276573	20.726	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	346430	20.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30247	20.887	ug/l	98
82) 4-Chlorotoluene	12.85	91	287589	20.648	ug/l	98
83) tert-Butylbenzene	13.07	119	302421	20.267	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	349438	20.537	ug/l	98
85) sec-Butylbenzene	13.25	105	425189	20.732	ug/l	100
86) p-Isopropyltoluene	13.37	119	395005	20.628	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	204309	20.889	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	201594	20.819	ug/l	98
89) n-Butylbenzene	13.69	91	374854	20.811	ug/l	100
90) Hexachloroethane	13.96	117	73205	20.992	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	182273	21.236	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14837	23.354	ug/l	98

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ClientSampleId :
VY0721SBSD01

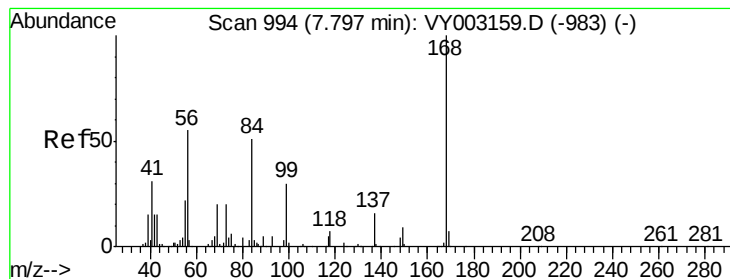
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	136510	22.356	ug/l	99
94) Hexachlorobutadiene	15.11	225	86794	20.744	ug/l	99
95) Naphthalene	15.23	128	251989	24.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	118290	24.507	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBSD01

Tot Ion:168 Resp: 429814

Ion Ratio Lower Upper

168 100

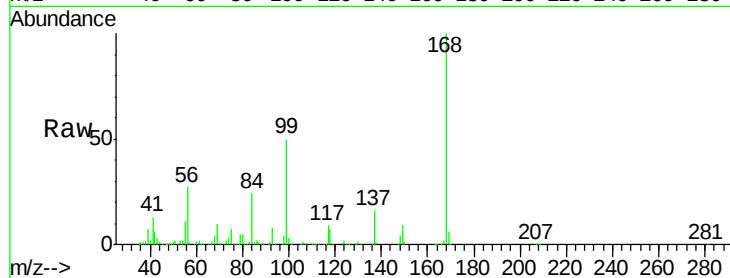
99 49.5 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

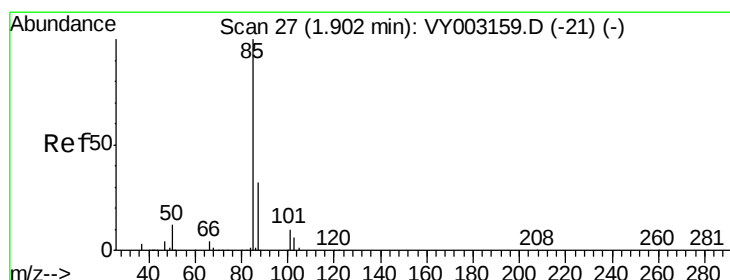
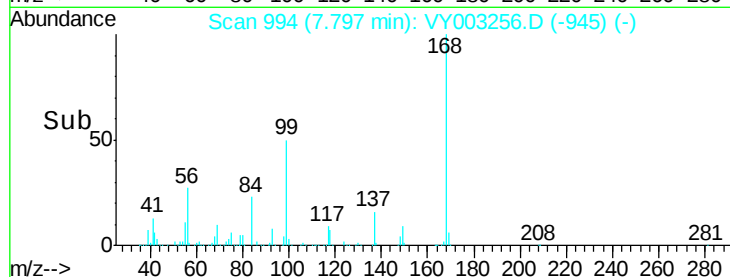
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.868 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003256.D

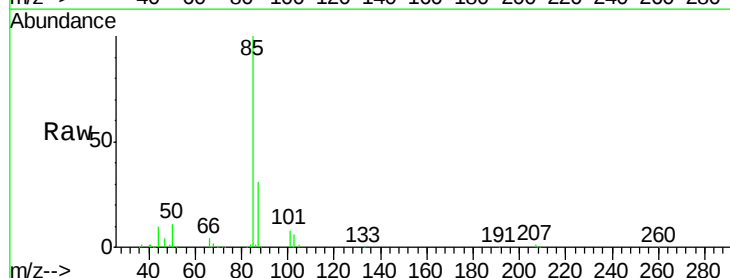
Acq: 21 Jul 2020 18:04

Tgt Ion: 85 Resp: 70447

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

50000

40000

30000

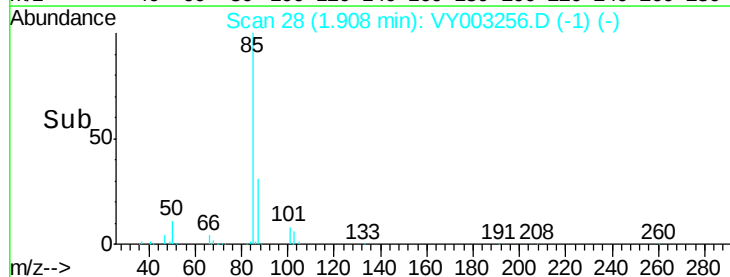
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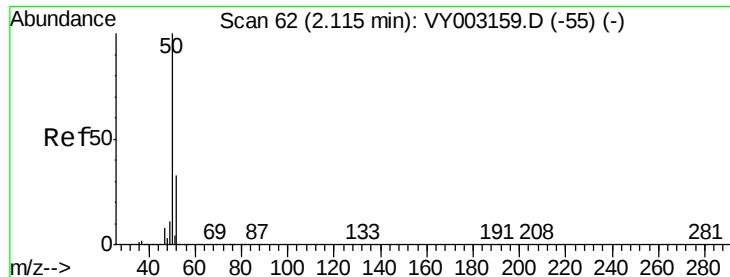
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.868 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 50 Resp: 93441

Ion Ratio Lower Upper

50 100

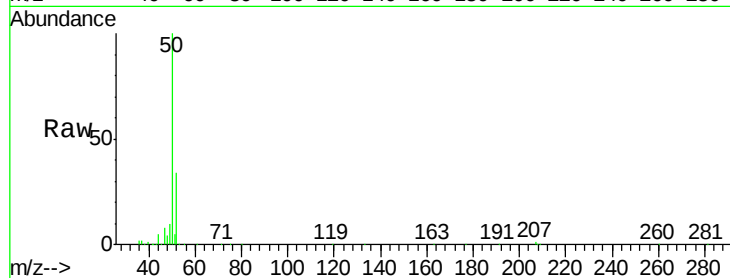
52 33.9 26.6 39.8

Manual Integrations

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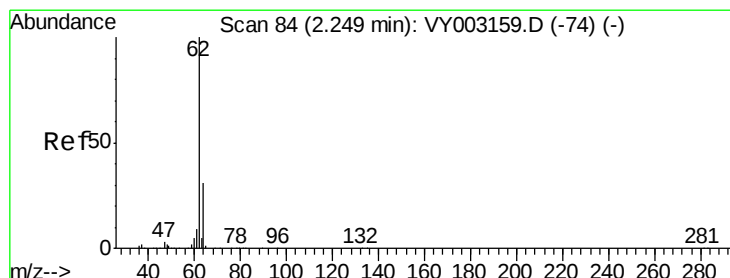
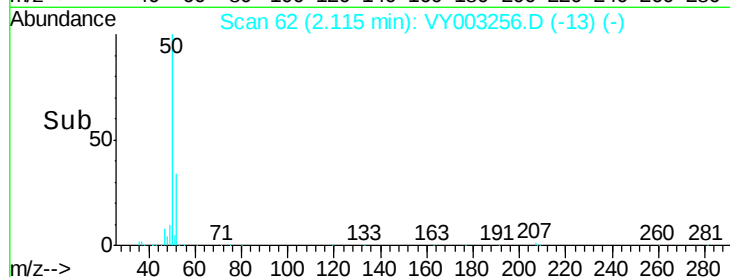
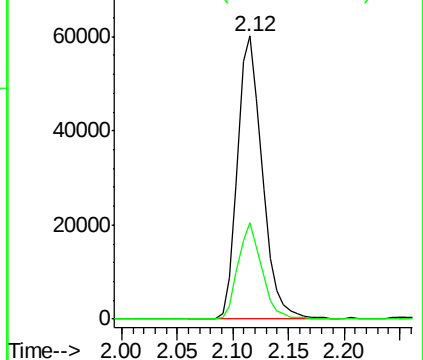
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.778 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003256.D

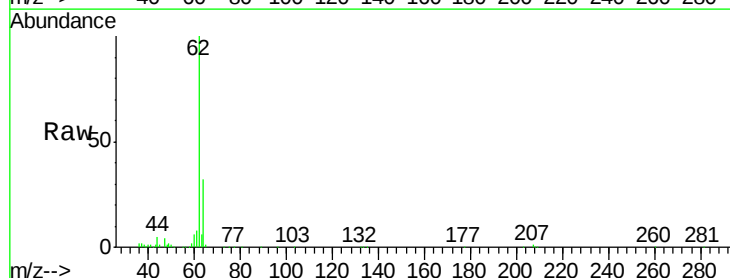
Acq: 21 Jul 2020 18:04

Tgt Ion: 62 Resp: 95480

Ion Ratio Lower Upper

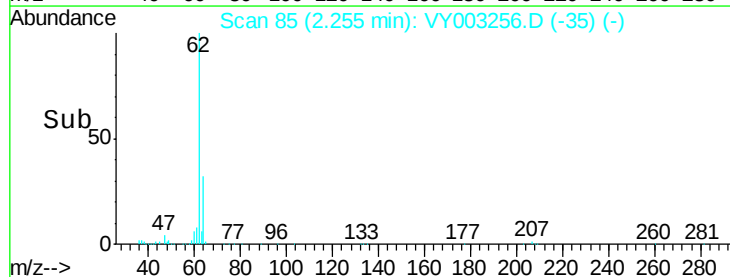
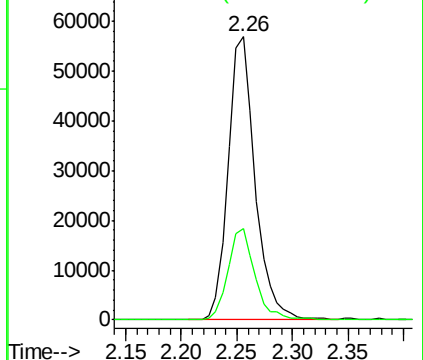
62 100

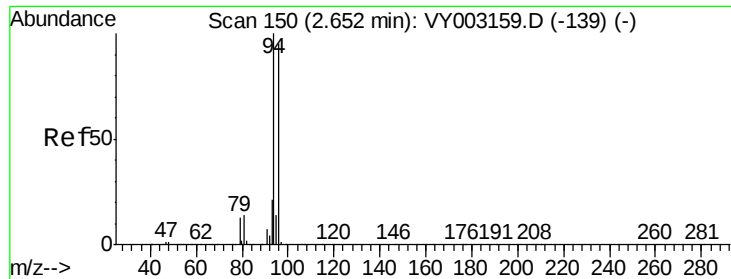
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.031 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 94 Resp: 74999

Ion Ratio Lower Upper

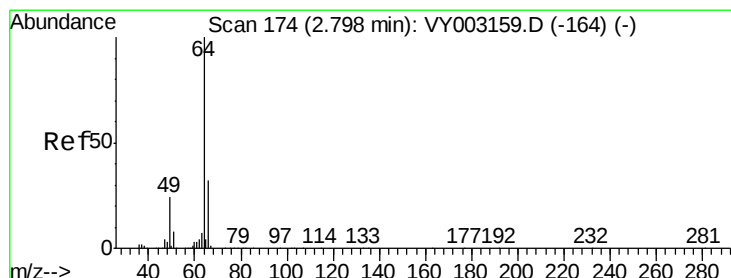
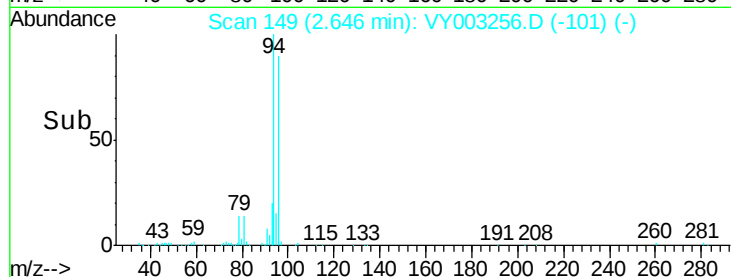
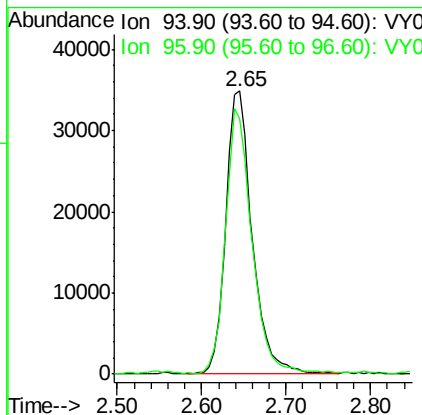
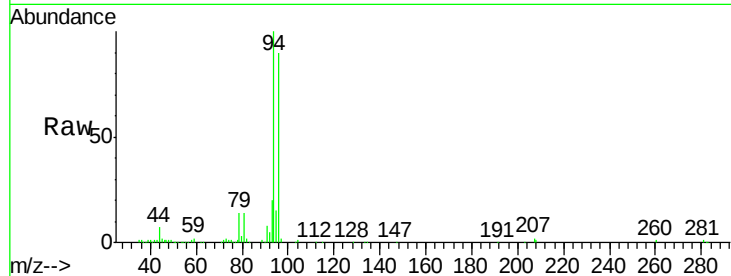
94 100

96 89.7 76.0 114.0

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#6

Chloroethane

Concen: 22.003 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003256.D

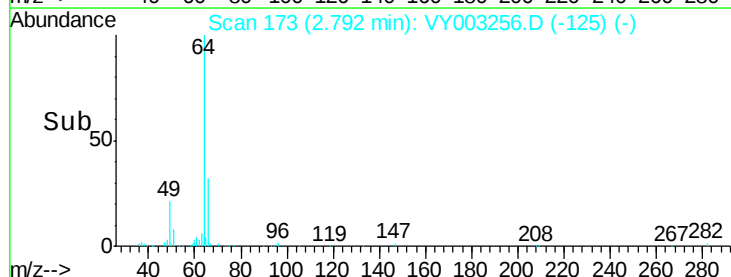
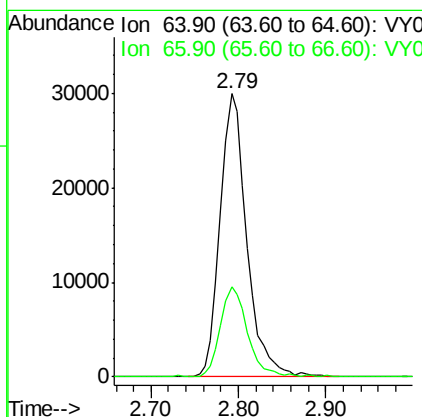
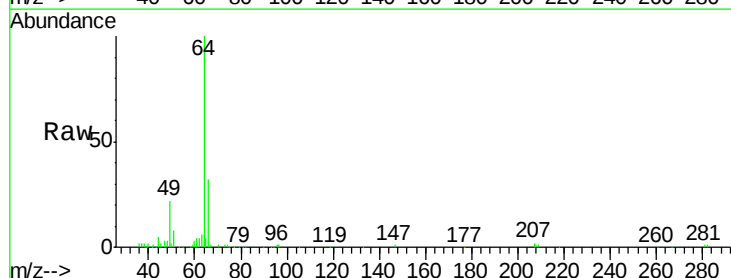
Acq: 21 Jul 2020 18:04

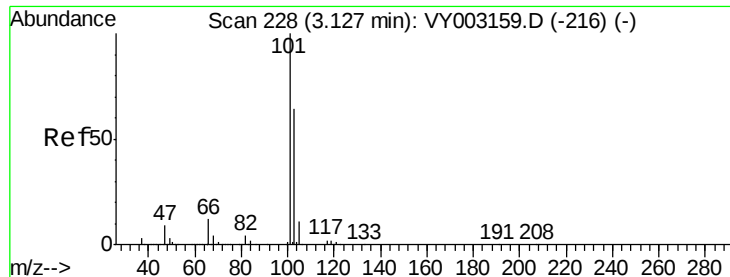
Tgt Ion: 64 Resp: 63359

Ion Ratio Lower Upper

64 100

66 31.9 26.0 39.0





#7

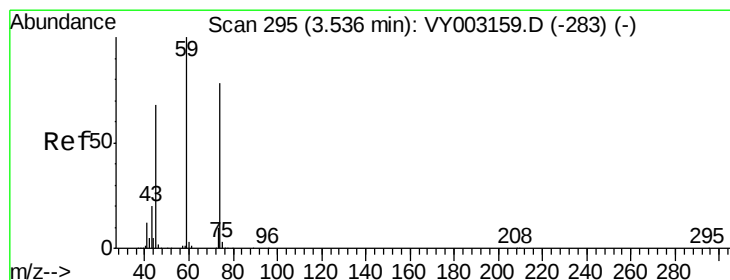
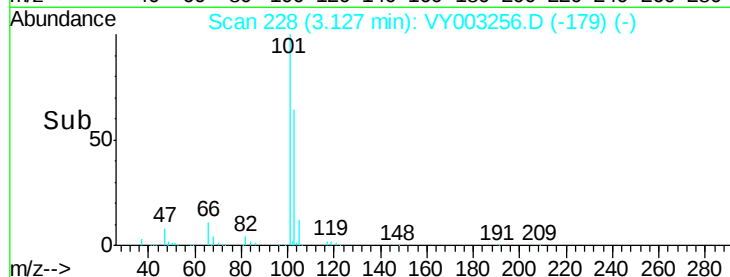
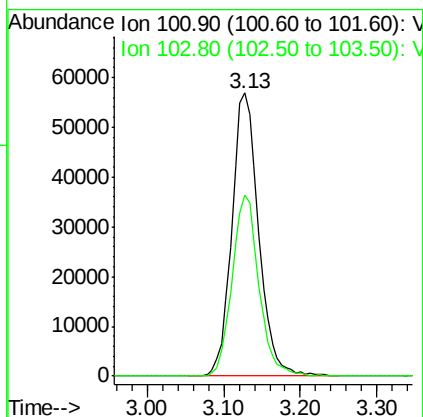
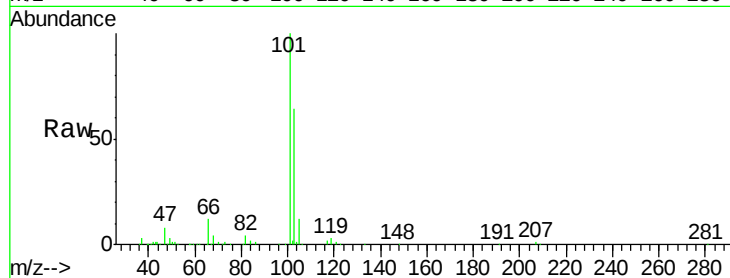
Trichlorofluoromethane
 Concen: 22.091 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.3	76.9

Manual Integrations
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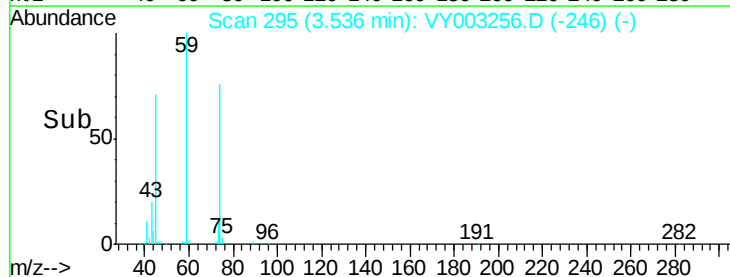
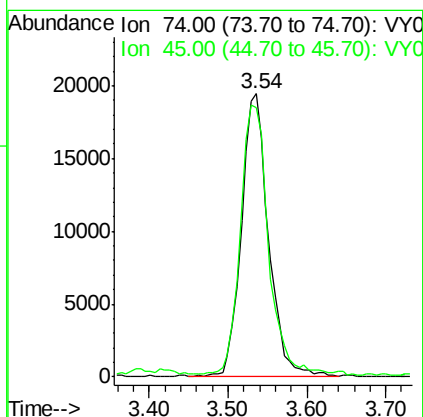
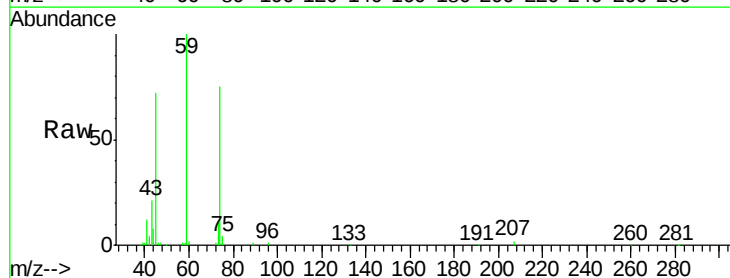
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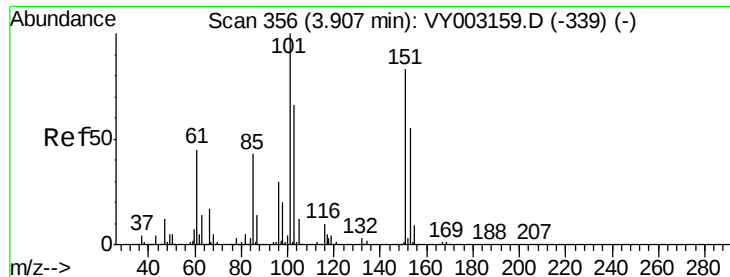


#8

Diethyl Ether
 Concen: 22.217 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.774 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

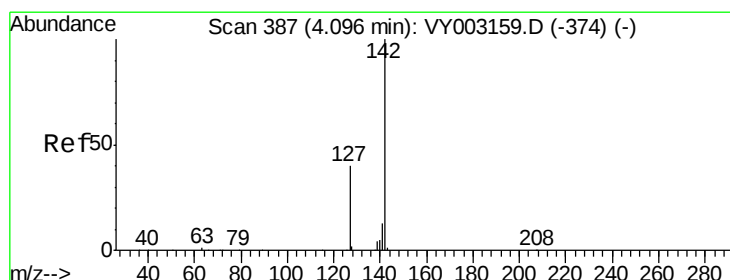
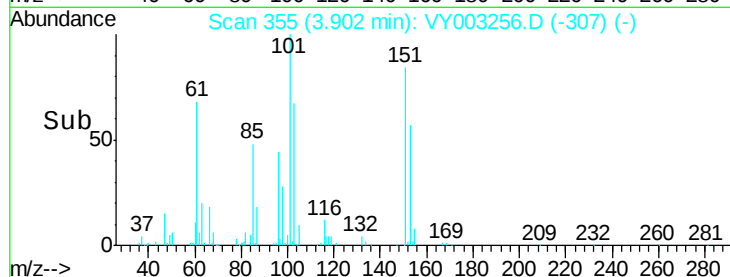
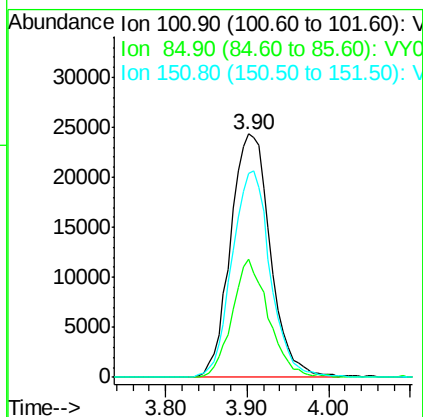
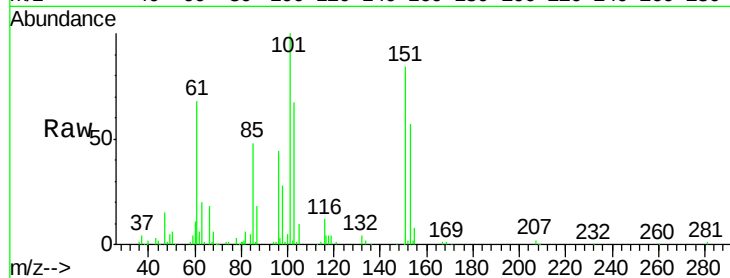
ClientSampleId :

VY0721SBSD01

Tot Ion:	101	Resp:	82337
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.9	52.3
151	81.7	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 19.306 ug/l

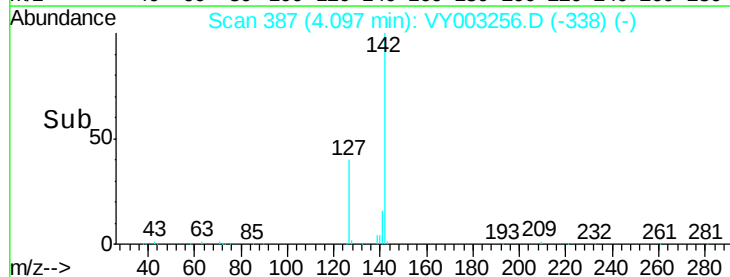
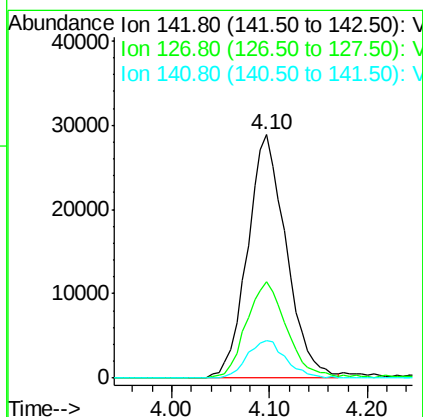
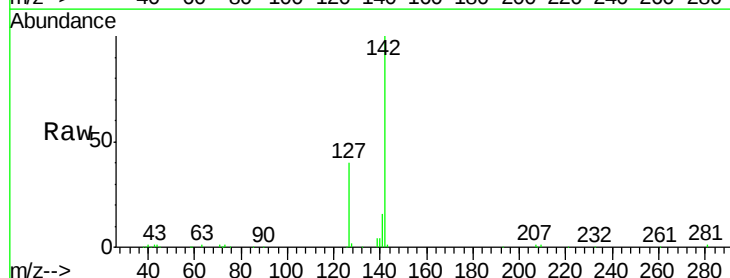
RT: 4.10 min Scan# 387

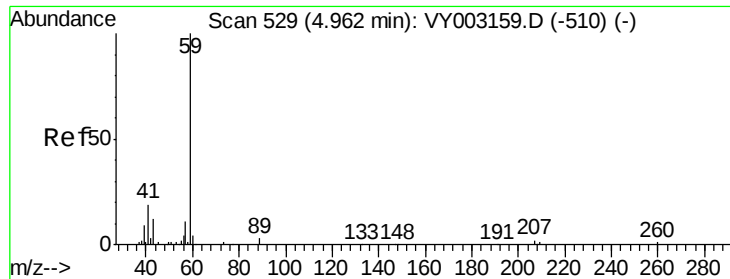
Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion:	142	Resp:	79312
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.5	50.3
141	15.7	11.2	16.8





#11

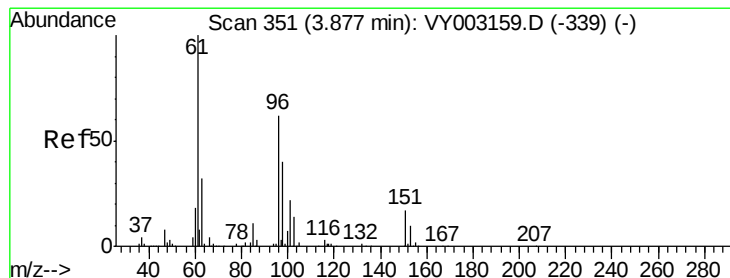
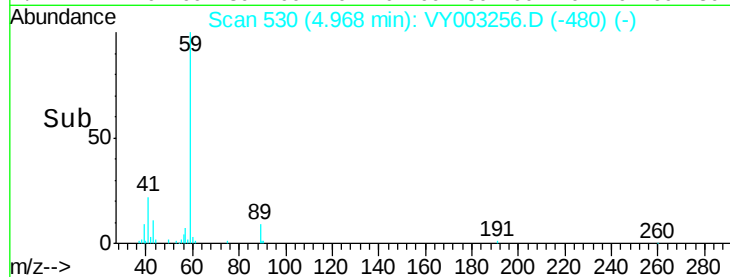
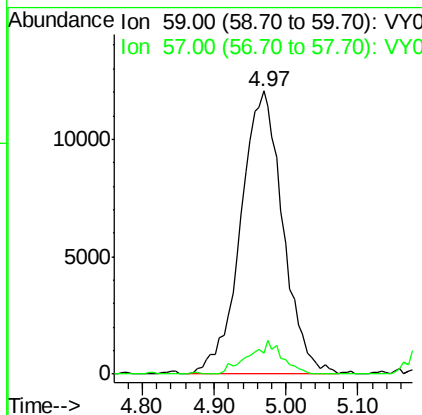
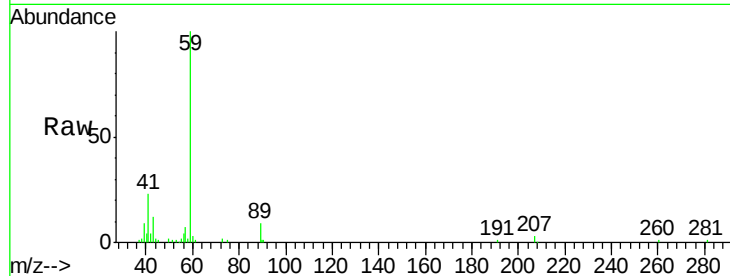
Tert butyl alcohol
Concen: 124.825 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.4	12.6

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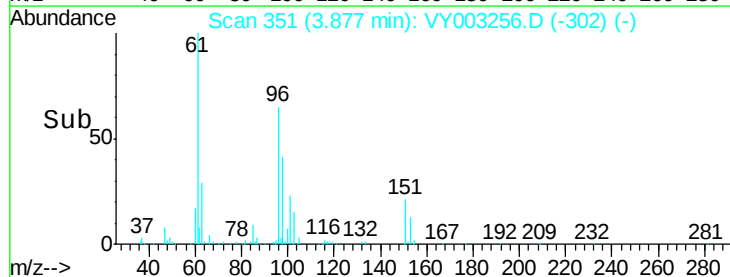
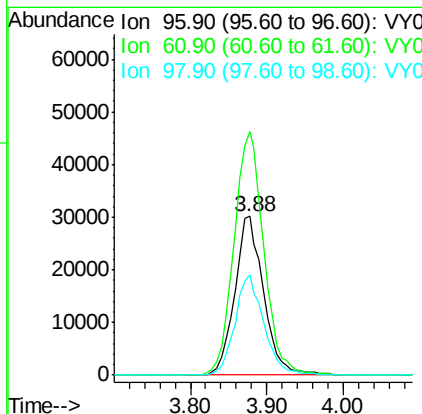
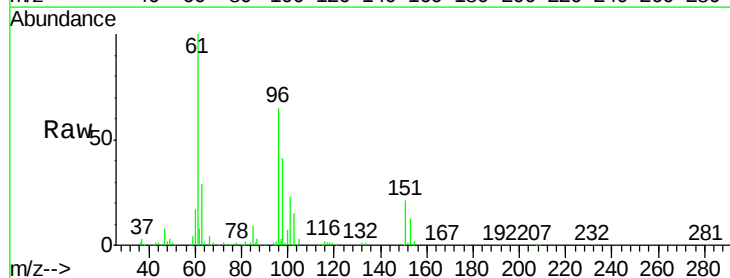
MMDadoda
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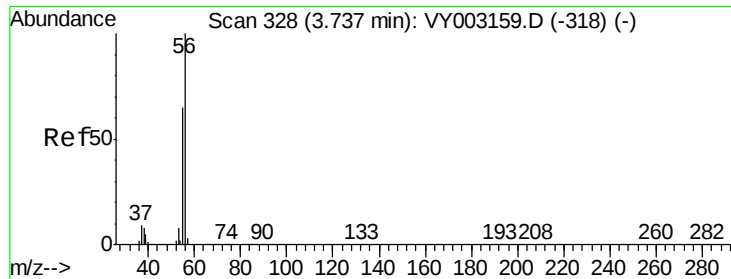


#12

1,1-Dichloroethene
Concen: 21.961 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.4	128.6	193.0
98	63.5	51.6	77.4





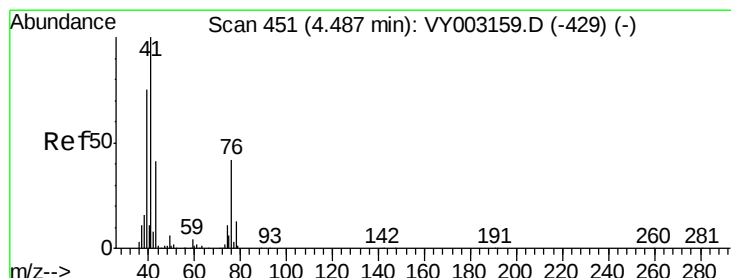
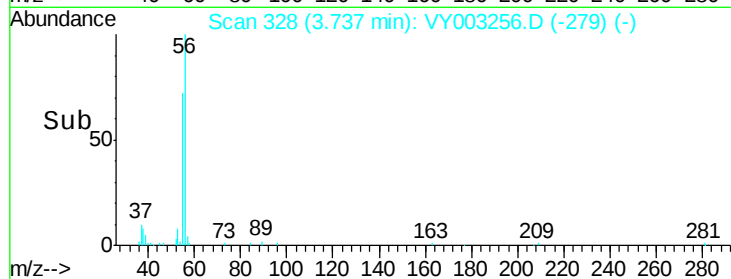
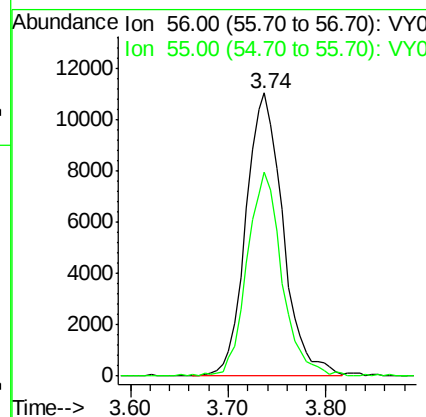
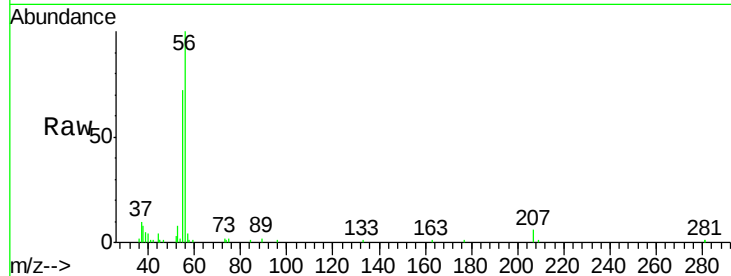
#13
Acrolein
Concen: 85.516 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	67.9	56.0	84.0

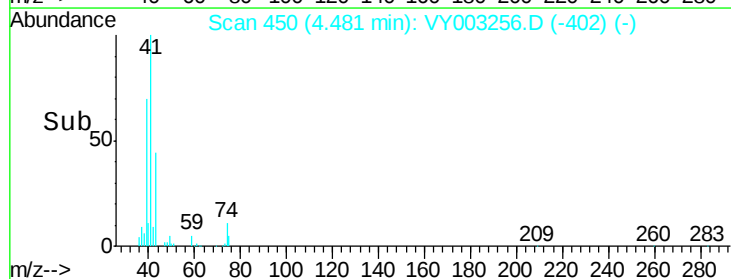
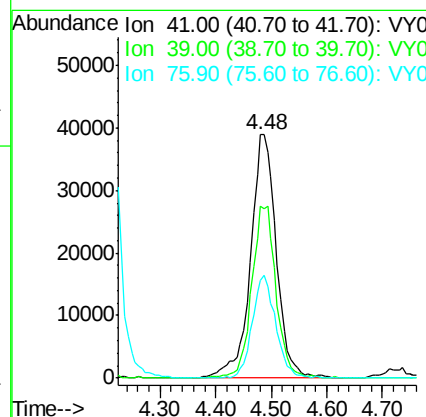
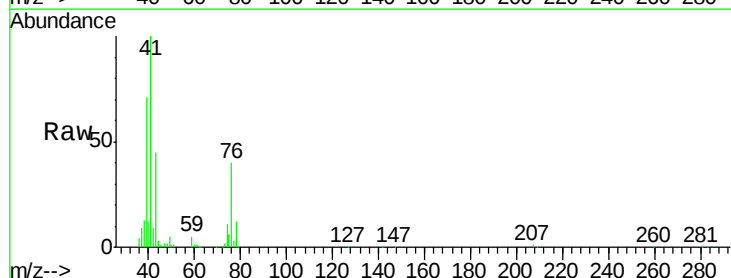
Manual Integrations
APPROVED

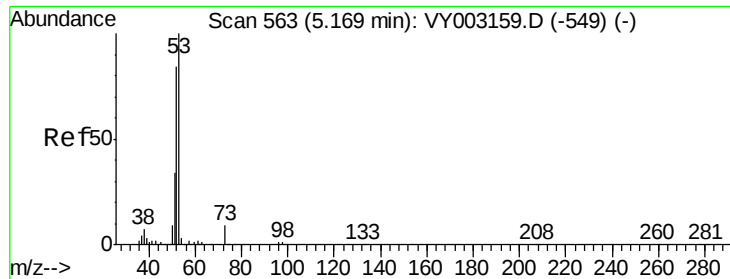
MMDadoda
7/22/2020 2:43:25 PM



#14
Allyl chloride
Concen: 23.774 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	66.3	56.6	85.0
76	76	38.2	31.6	47.4





#15

Acrylonitrile

Concen: 118.748 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

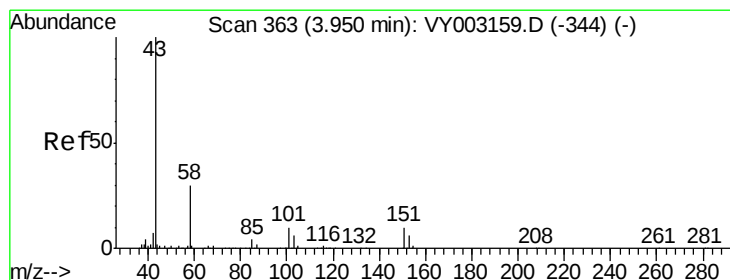
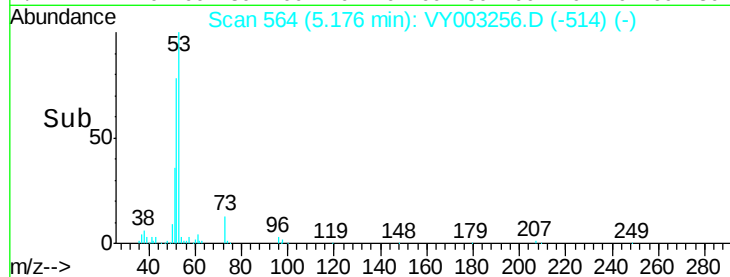
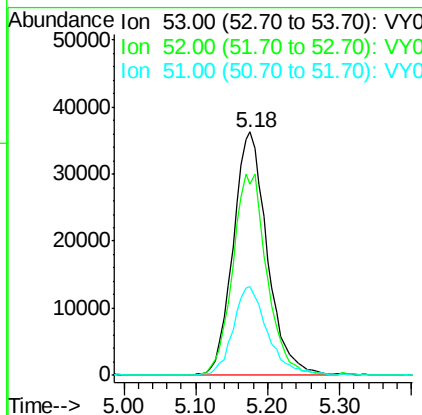
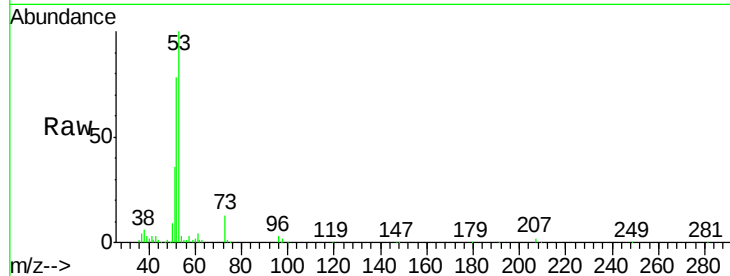
ClientSampleId :

VY0721SBS01

Tot Ion:	53	Resp:	119678
Ion Ratio	Lower	Upper	
53	100		
52	83.1	65.8	98.6
51	36.7	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 122.449 ug/l

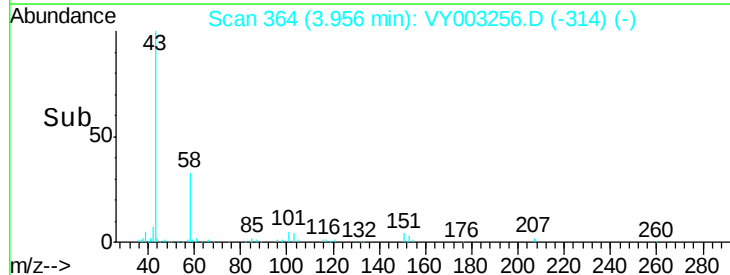
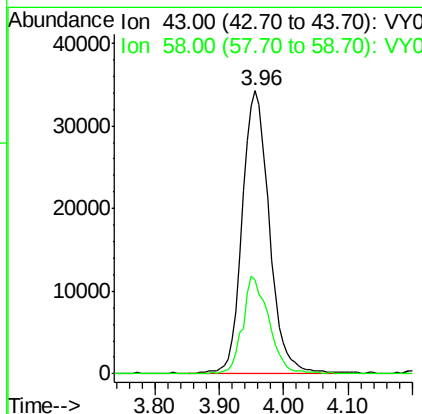
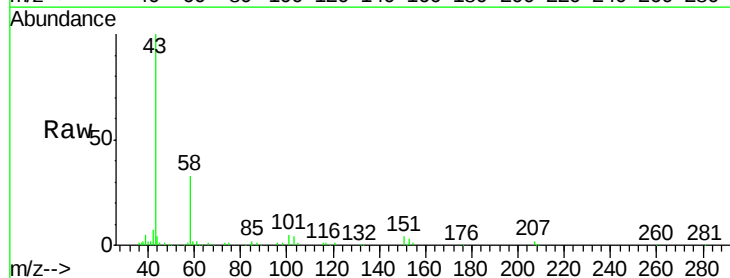
RT: 3.96 min Scan# 364

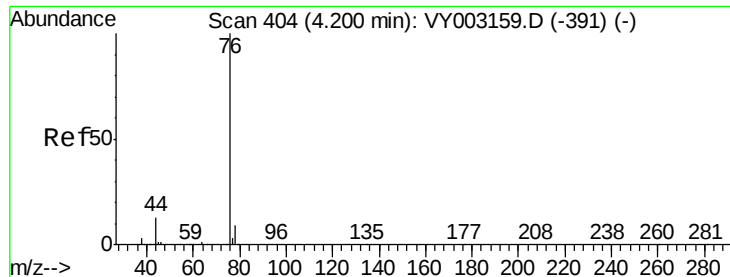
Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion:	43	Resp:	99225
Ion Ratio	Lower	Upper	
43	100		
58	33.0	23.8	35.6





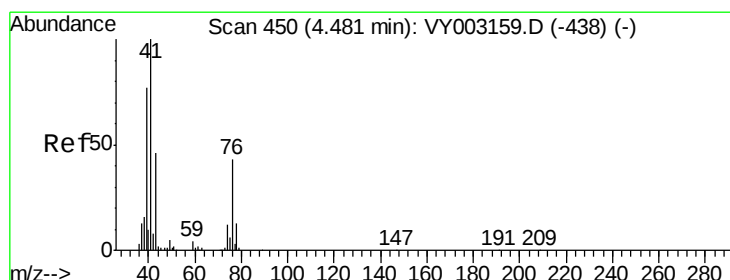
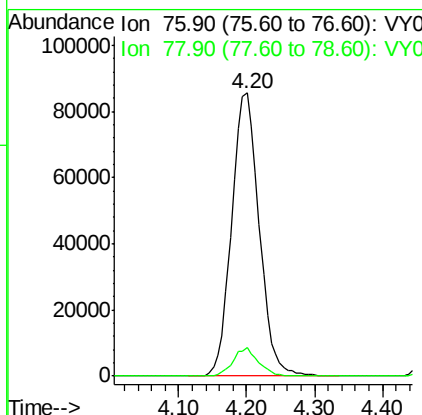
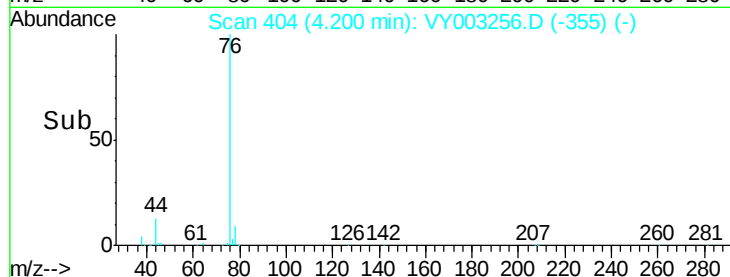
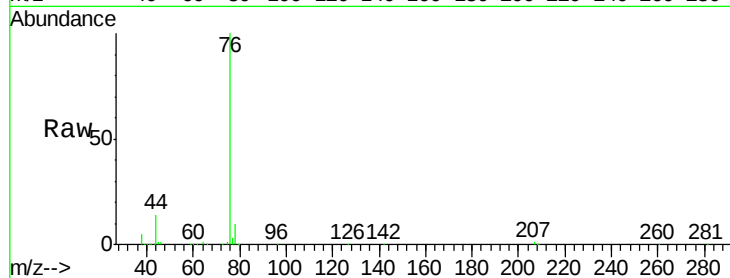
#17
Carbon Disulfide
Concen: 21.898 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.3	10.9

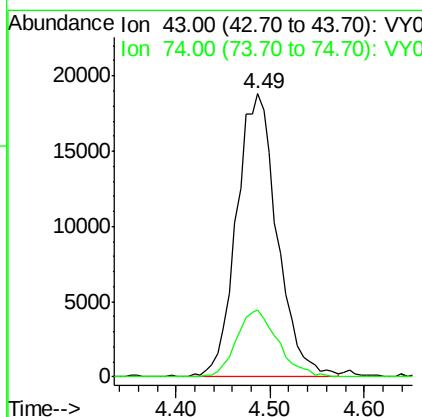
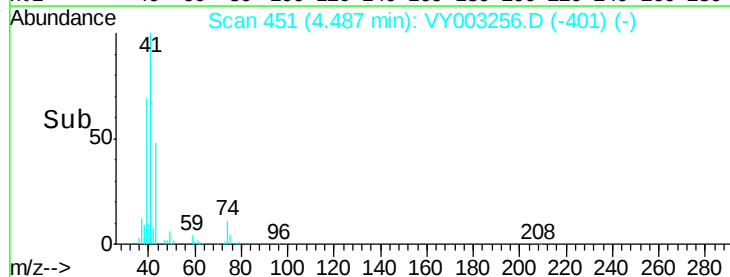
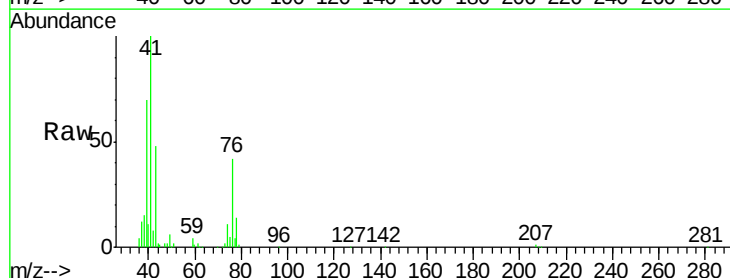
Manual Integrations
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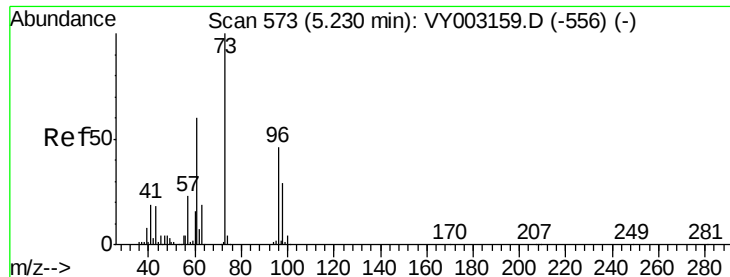
MMDadoda
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#18
Methyl Acetate
Concen: 25.266 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	20.8	31.2





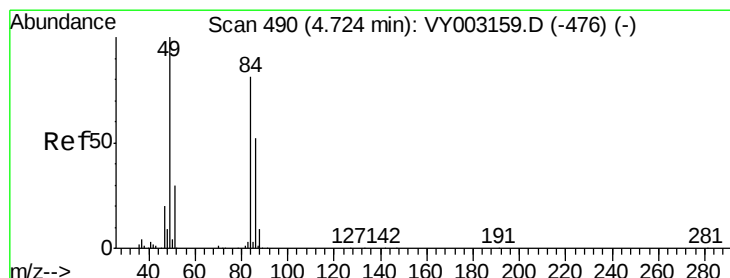
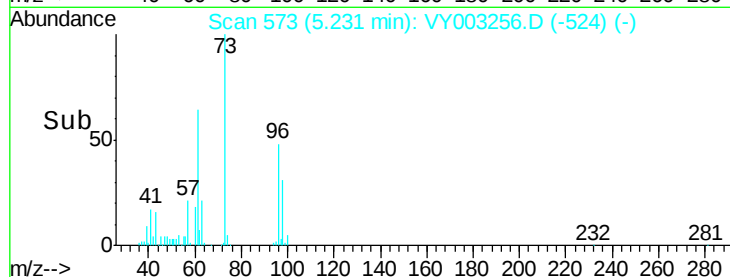
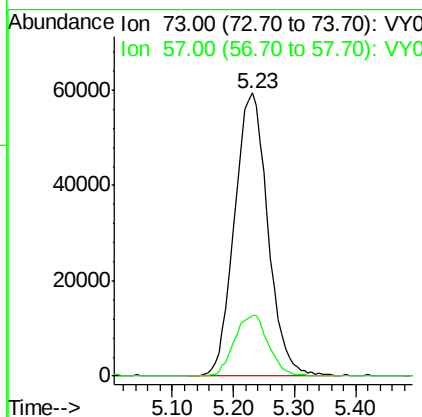
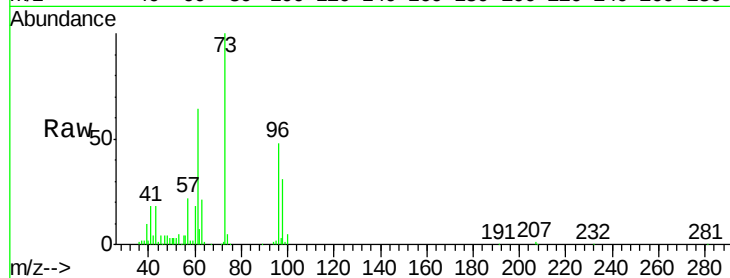
#19
Methvl tert-butvl Ether
Concen: 22.389 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	73	Resp	224407
Ion Ratio	Lower	Upper	
73	100		
57	21.7	18.1	27.1

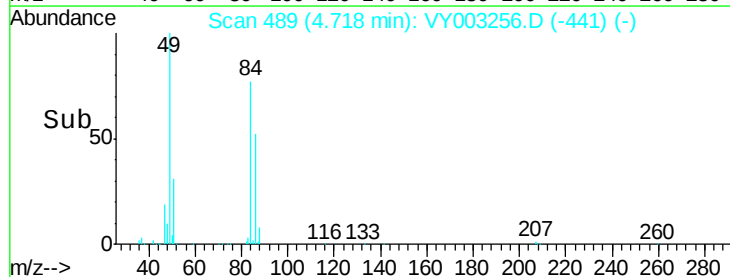
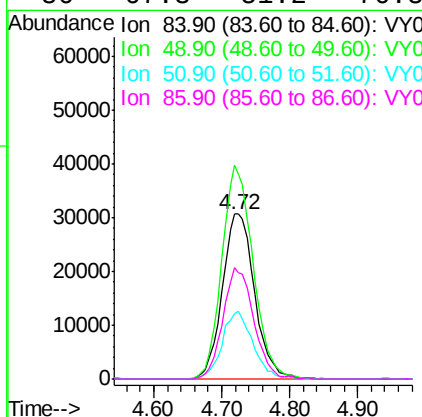
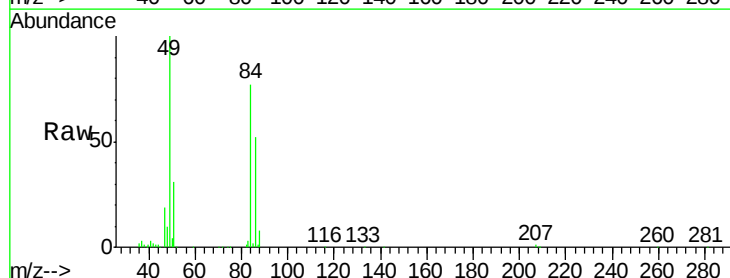
Manual Integrations
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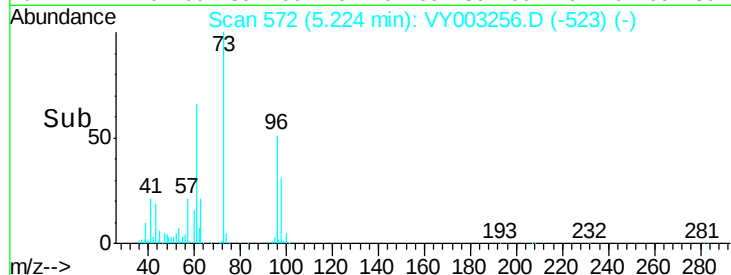
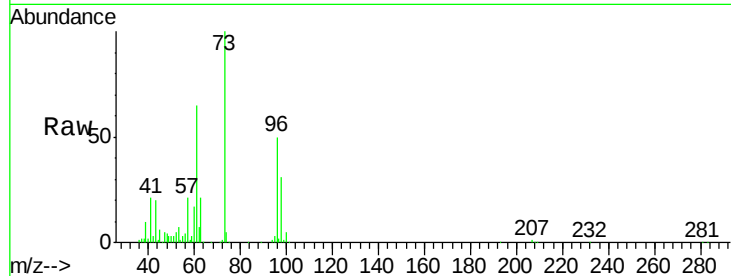
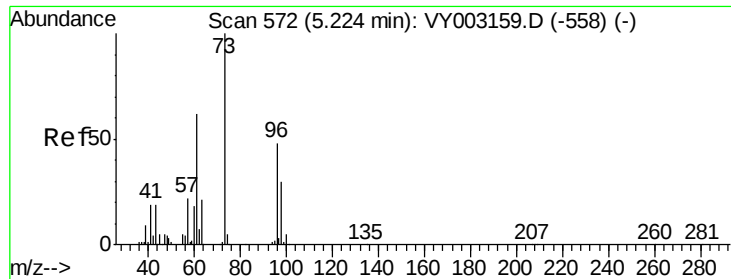
MMDadoda
7/22/2020 2:43:25 PM



#20
Methylene Chloride
Concen: 21.558 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	84	Resp	100638
Ion Ratio	Lower	Upper	
84	100		
49	129.4	98.2	147.4
51	39.7	29.8	44.6
86	67.3	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 21.761 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003256.D

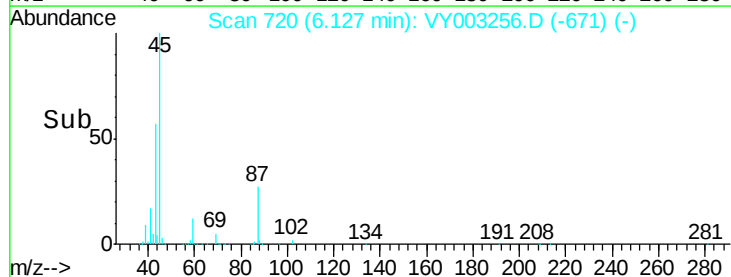
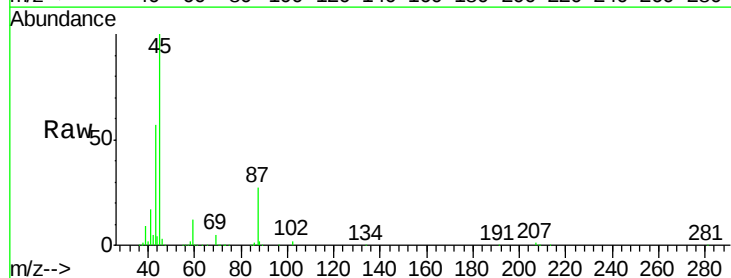
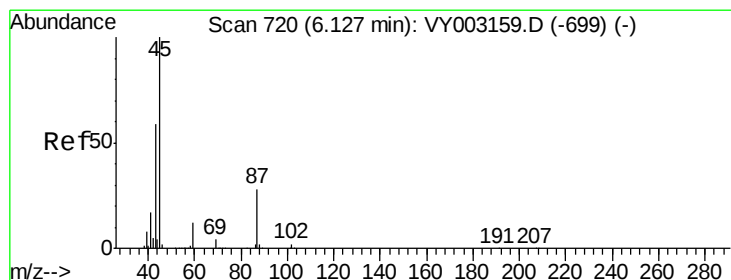
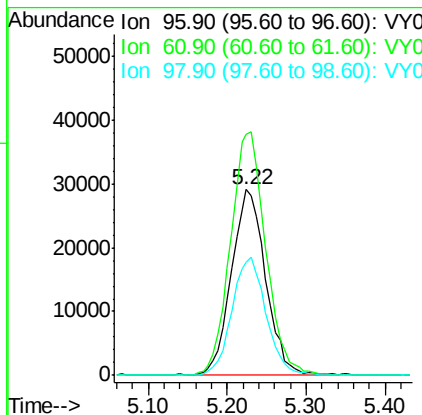
Acq: 21 Jul 2020 18:04

Tot Ion:	96	Resp:	88033
Ion Ratio	Lower	Upper	
96	100		
61	130.2	102.5	153.7
98	61.1	49.8	74.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.509 ug/l

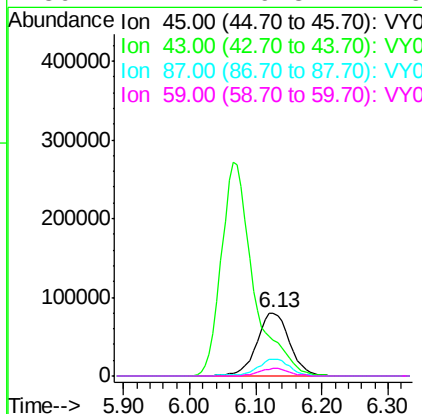
RT: 6.13 min Scan# 720

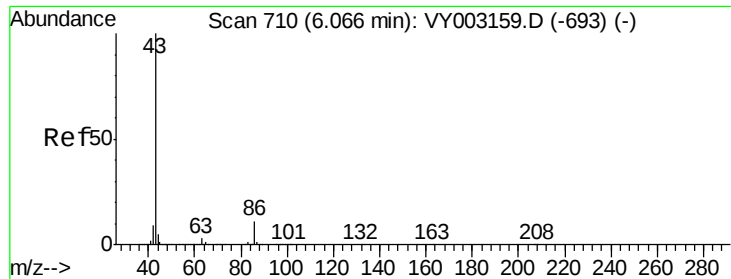
Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion:	45	Resp:	276903
Ion Ratio	Lower	Upper	
45	100		
43	56.5	47.0	70.4
87	26.6	22.6	33.8
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 116.753 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 43 Resp: 916581

Ion Ratio Lower Upper

43 100

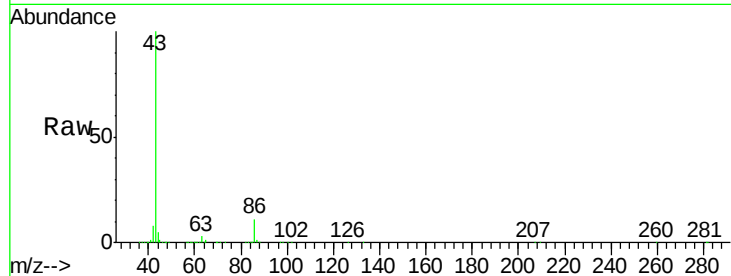
86 10.6 8.8 13.2

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

300000

250000

200000

150000

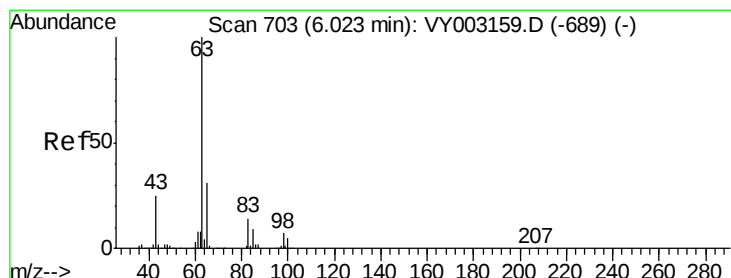
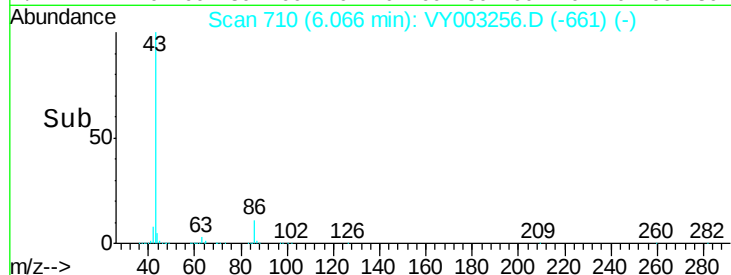
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 22.622 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

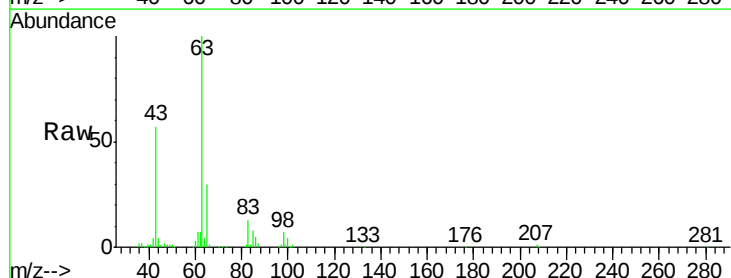
Tgt Ion: 63 Resp: 154370

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 3.5 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

60000

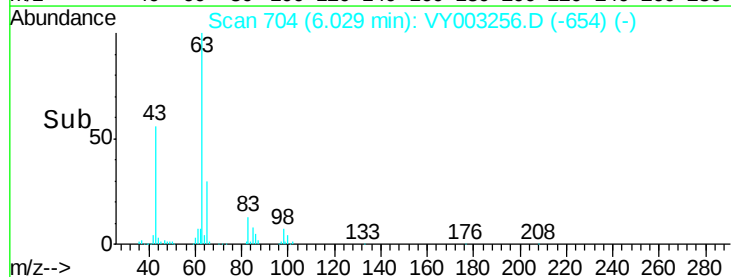
40000

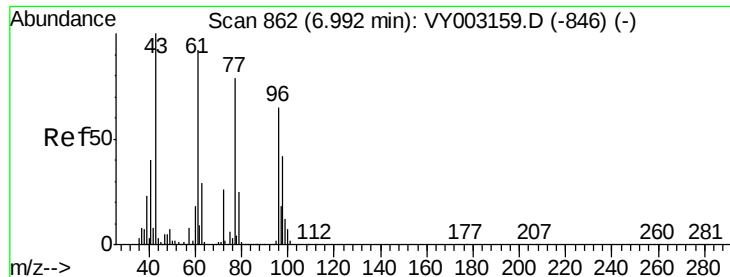
20000

0

Time-->

5.90 6.00 6.10





#25

2-Butanone

Concen: 117.975 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 43 Resp: 156966

Ion Ratio Lower Upper

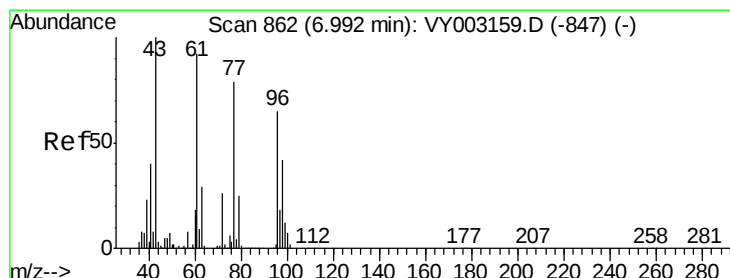
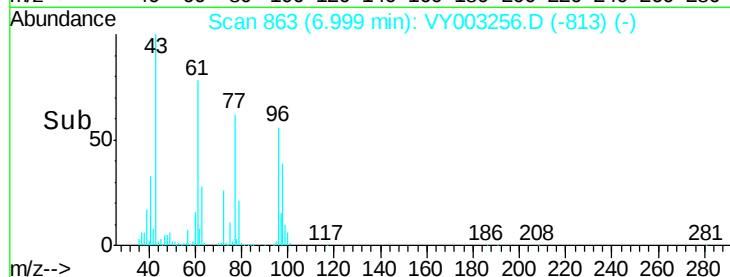
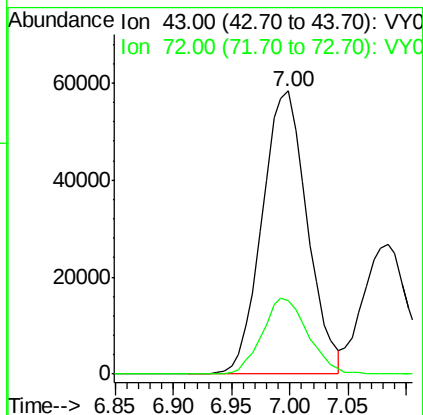
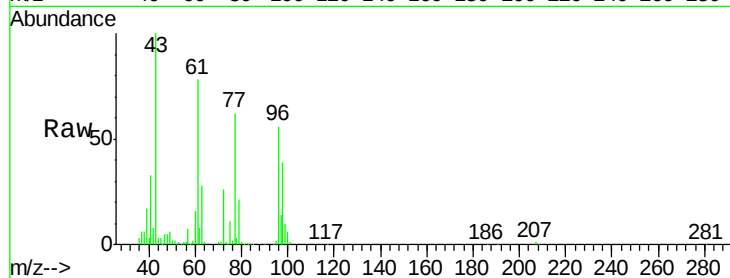
43 100

72 26.1 20.9 31.3

Manual Integrations
APPROVED

MMDadoda

7/22/2020 2:43:25 PM



#26

2,2-Dichloropropane

Concen: 21.089 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003256.D

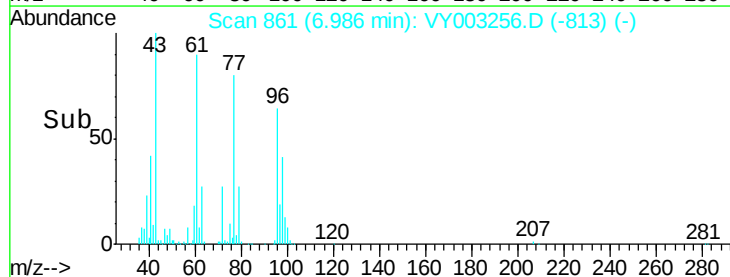
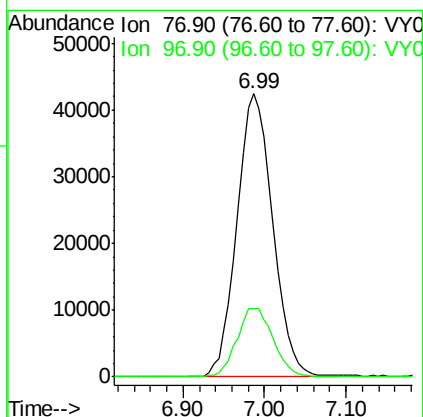
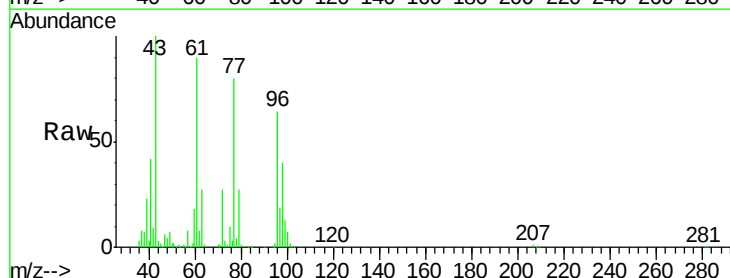
Acq: 21 Jul 2020 18:04

Tgt Ion: 77 Resp: 129599

Ion Ratio Lower Upper

77 100

97 24.5 11.6 34.7





#27

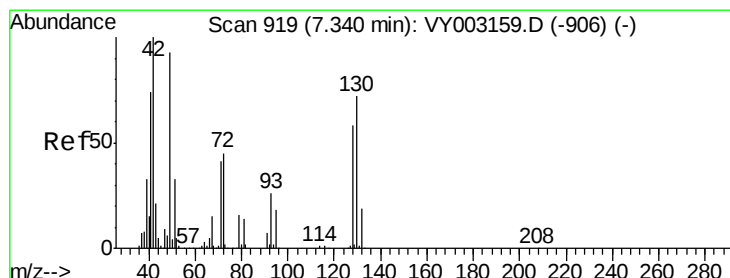
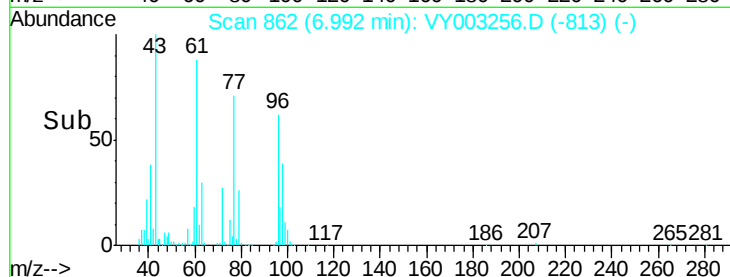
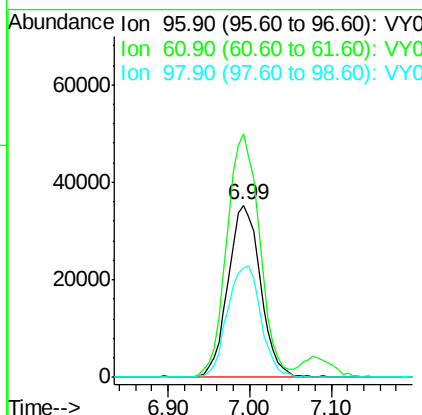
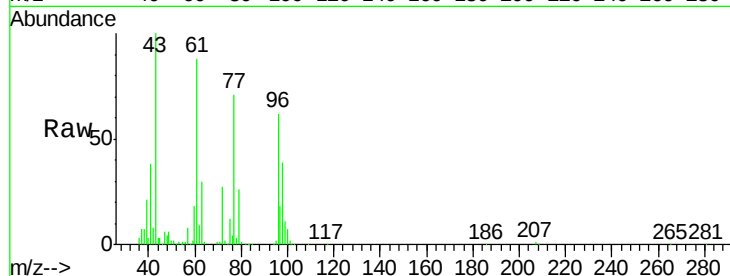
cis-1,2-Dichloroethene
Concen: 21.799 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	281.2
98	66.7	0.0	129.8

Manual Integrations
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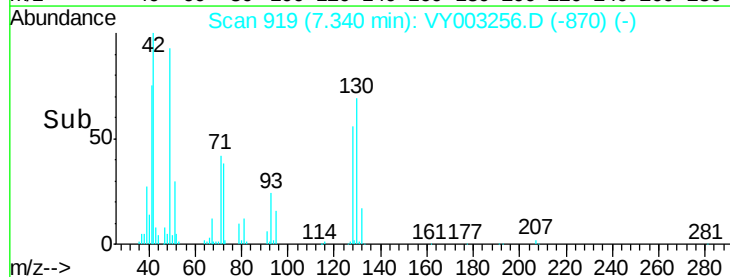
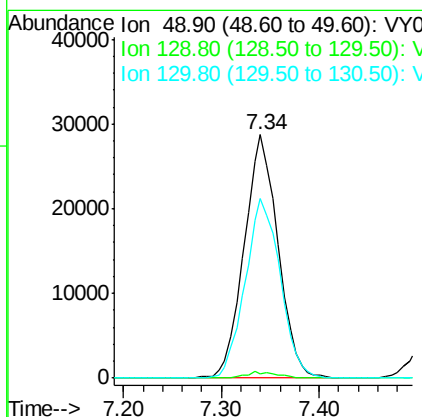
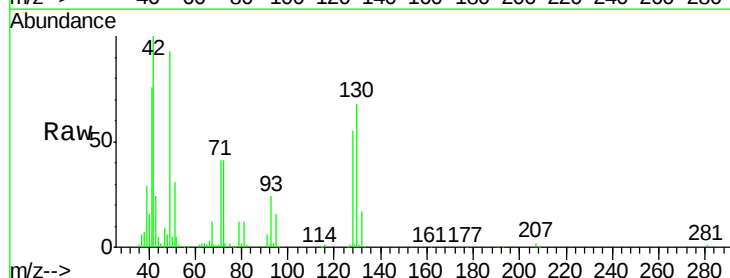
MMDadoda
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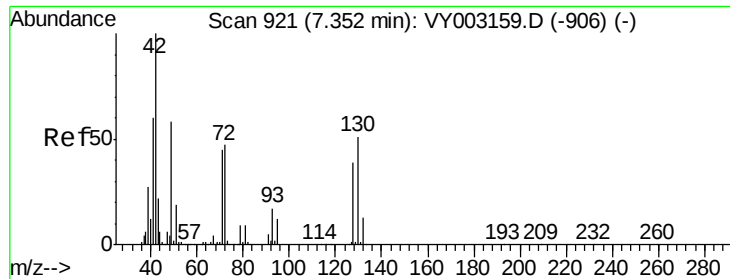


#28

Bromochloromethane
Concen: 23.317 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	76.8	64.9	97.3





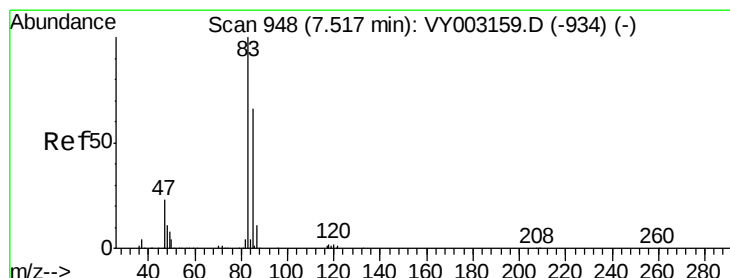
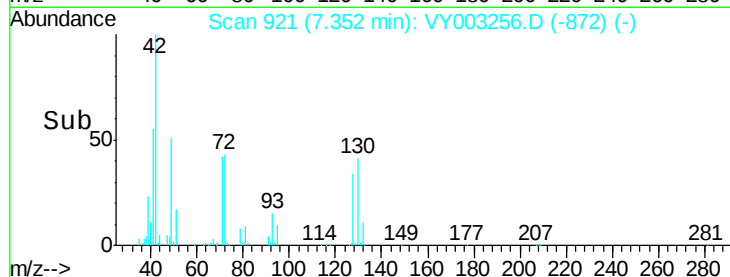
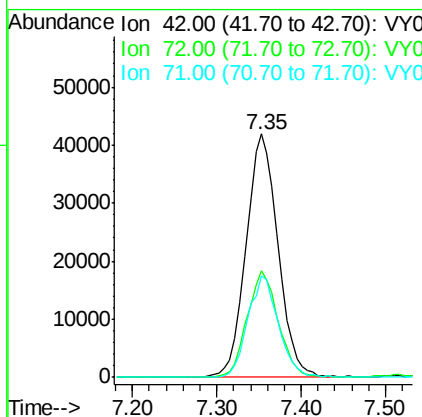
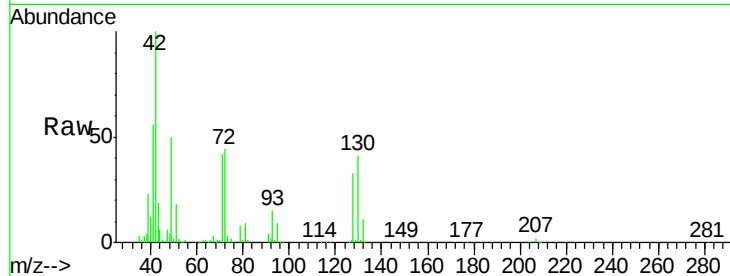
#29
Tetrahydrofuran
Concen: 121.318 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	36.7	55.1
71	39.9	34.2	51.4

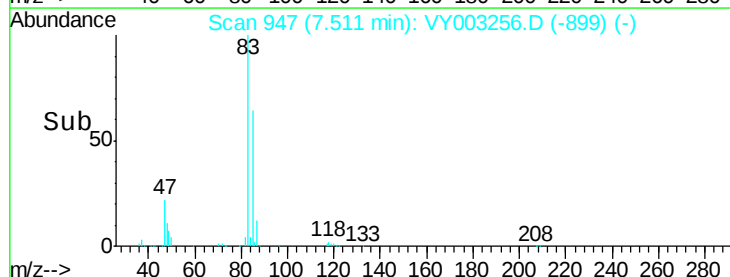
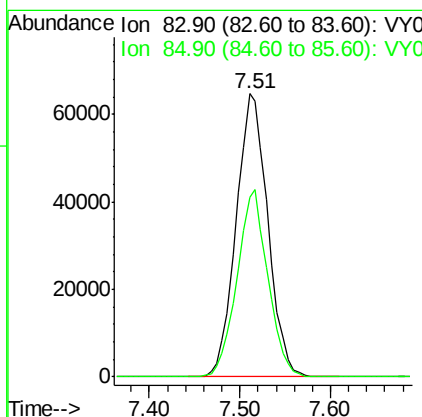
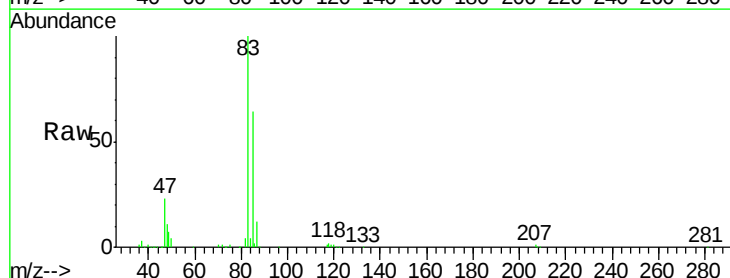
Manual Integrations
APPROVED

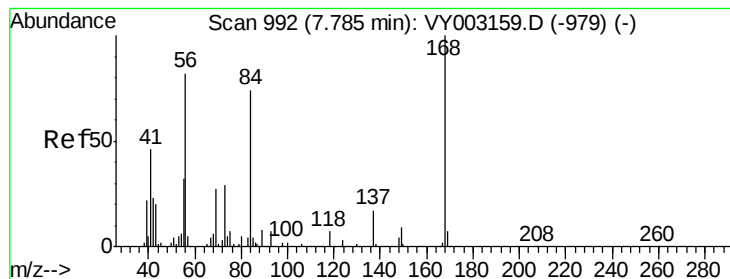
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#30
Chloroform
Concen: 22.233 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.6	78.8





#31

Cyclohexane

Concen: 22.052 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

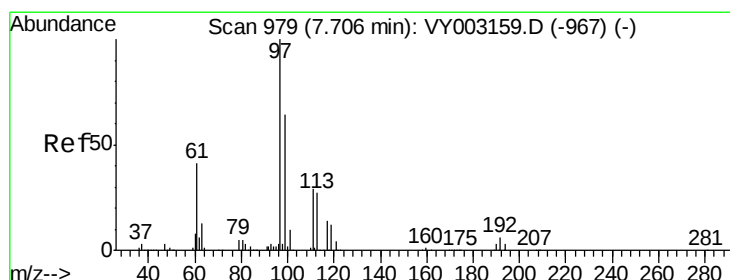
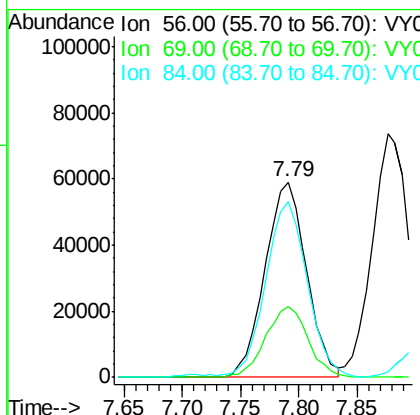
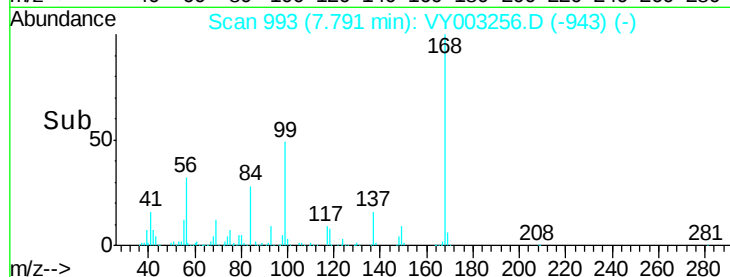
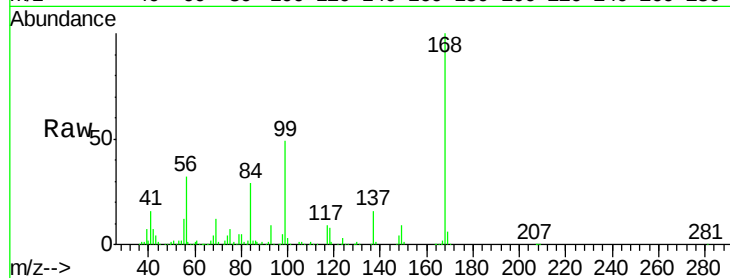
ClientSampleId :

VY0721SBS01

Tot Ion:	56	Resp:	145513
Ion Ratio	Lower	Upper	
56	100		
69	36.3	26.7	40.1
84	88.5	72.3	108.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.724 ug/l

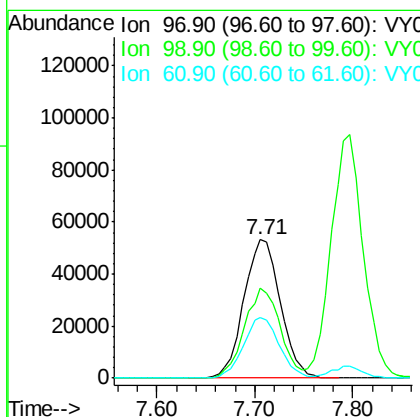
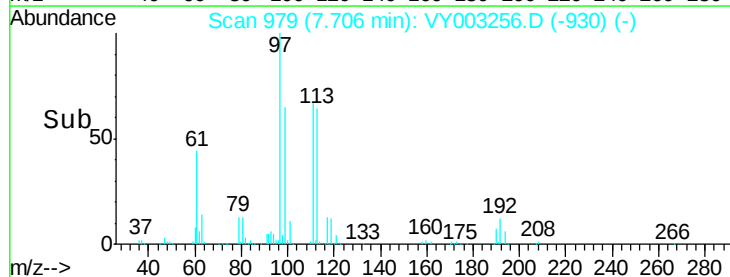
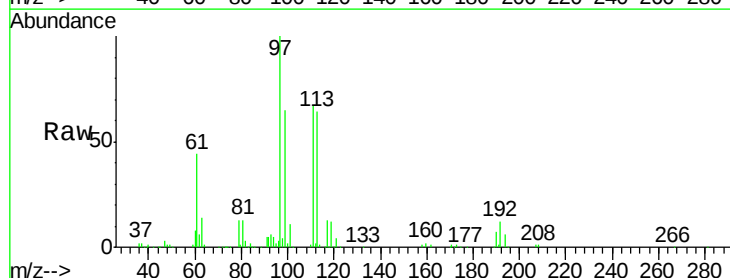
RT: 7.71 min Scan# 979

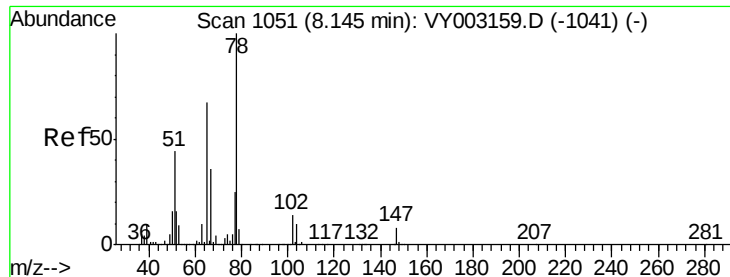
Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion:	97	Resp:	137451
Ion Ratio	Lower	Upper	
97	100		
99	63.9	52.1	78.1
61	43.4	33.9	50.9





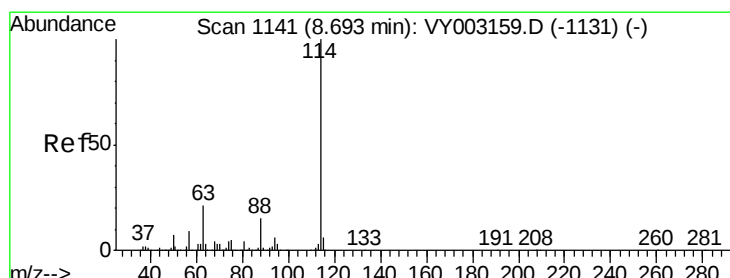
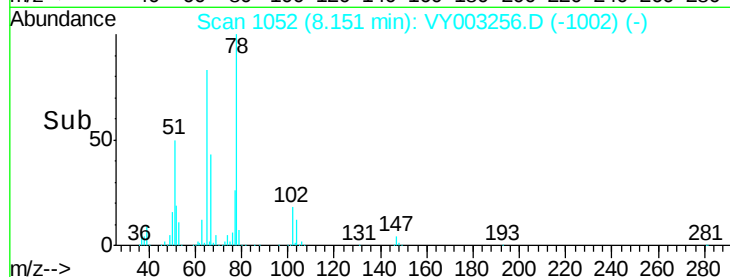
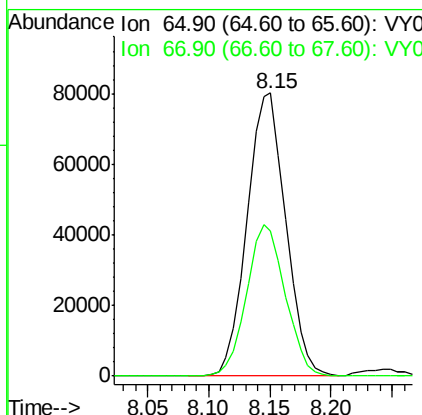
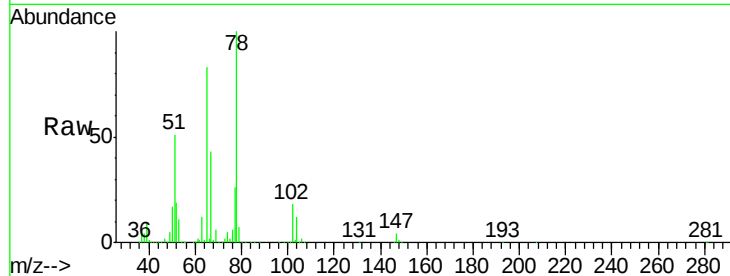
#33
 1,2-Dichloroethane-d4
 Concen: 48.609 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176343		
67	53.4	0.0	105.2	

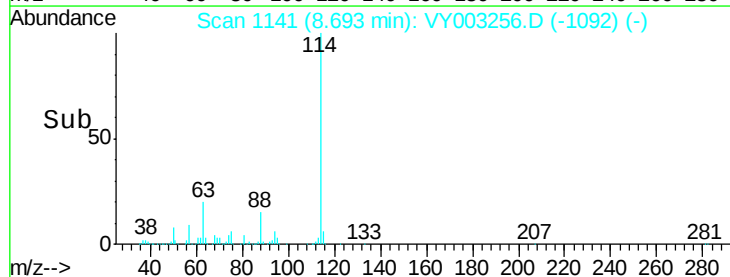
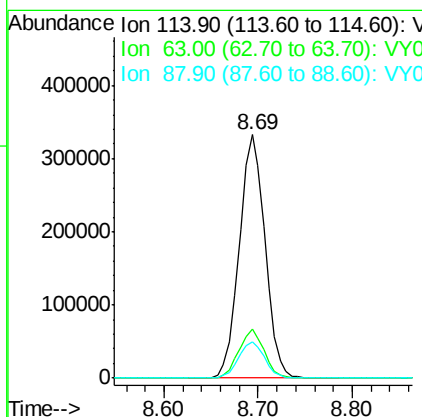
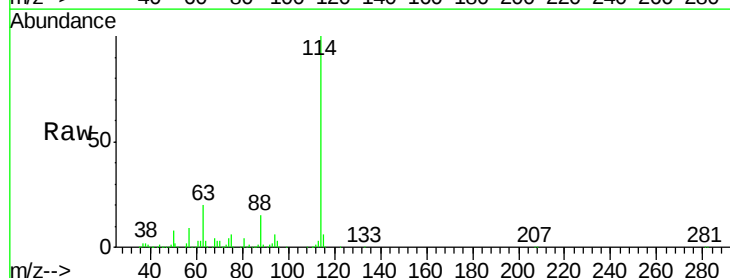
Manual Integrations
 APPROVED

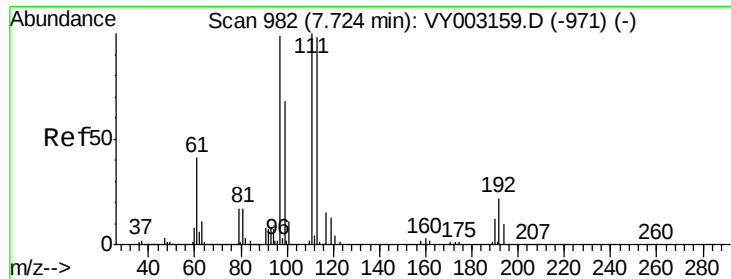
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 7/22/2020 2:43:25 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	632645		
63	20.2	0.0	41.2	
88	15.1	0.0	30.2	





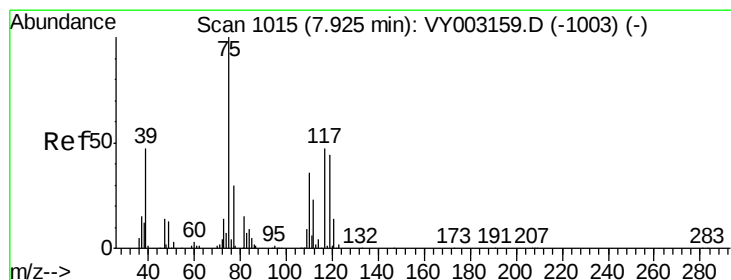
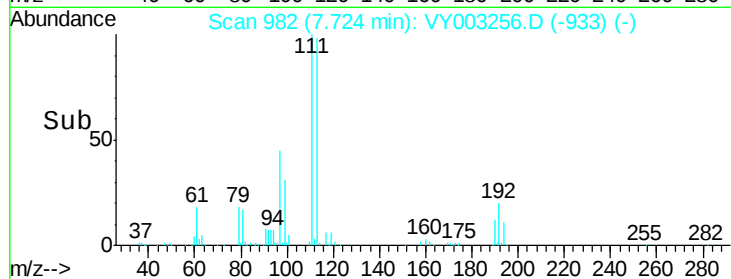
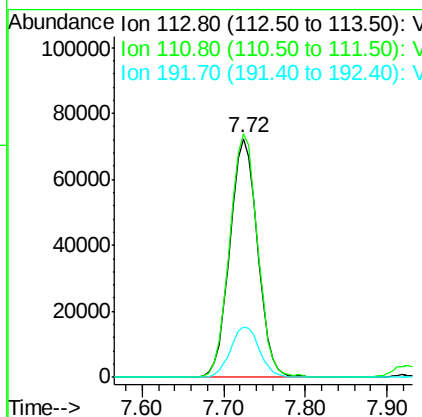
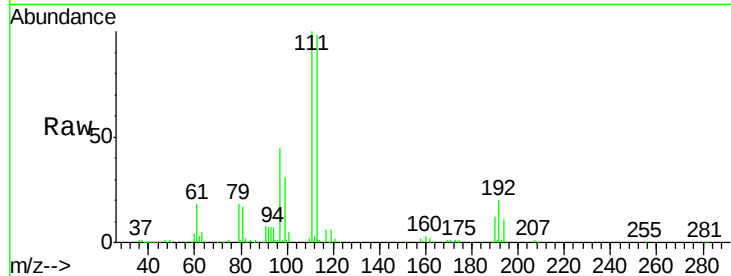
#35
 Dibromofluoromethane
 Concen: 46.335 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	168693		
111	103.2	82.1	123.1	
192	22.0	18.8	28.2	

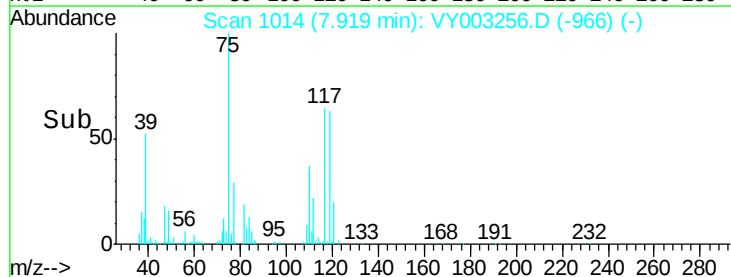
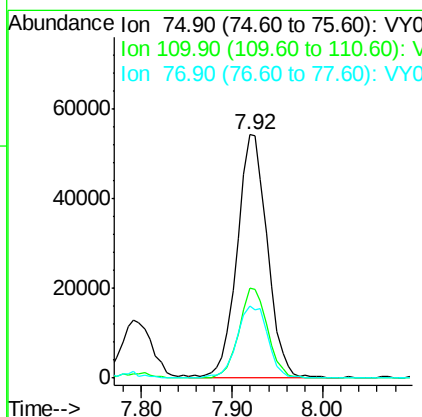
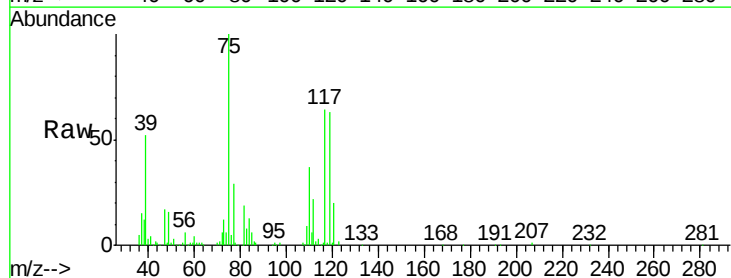
Manual Integrations
 APPROVED

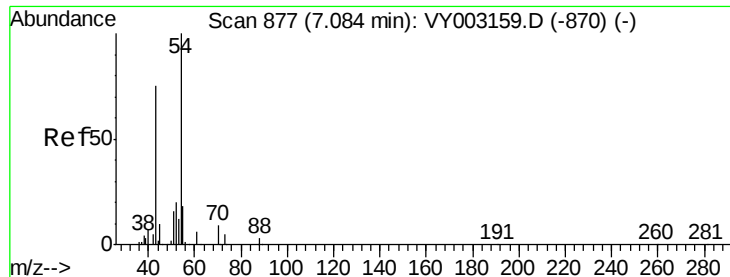
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#36
 1,1-Dichloropropene
 Concen: 21.626 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	124000		
110	35.0	18.1	54.1	
77	30.9	24.8	37.2	





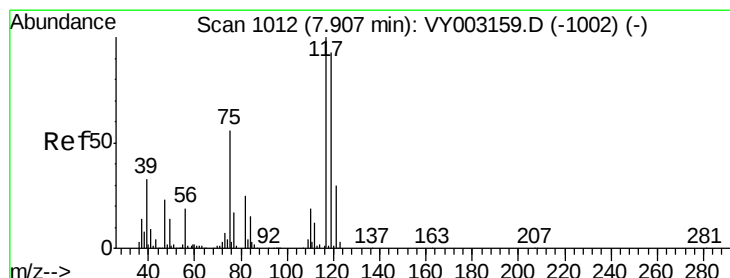
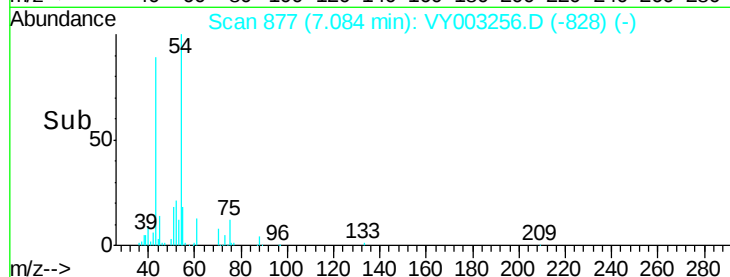
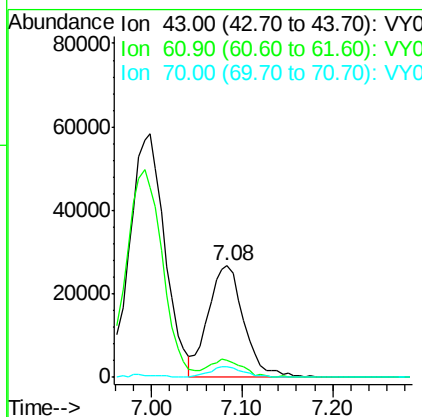
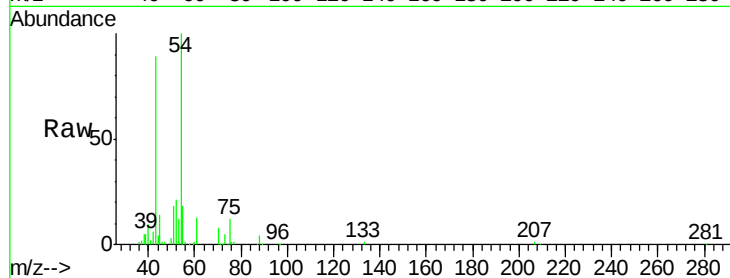
#37
Ethyl Acetate
Concen: 23.766 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.6
70	9.4	8.6	13.0

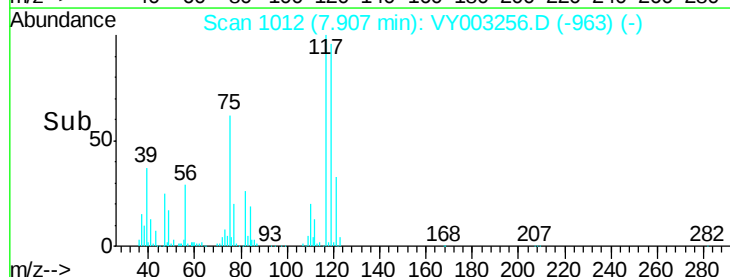
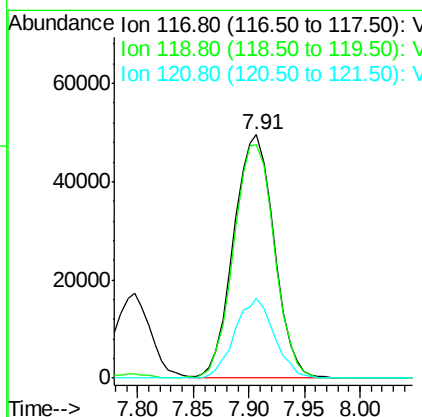
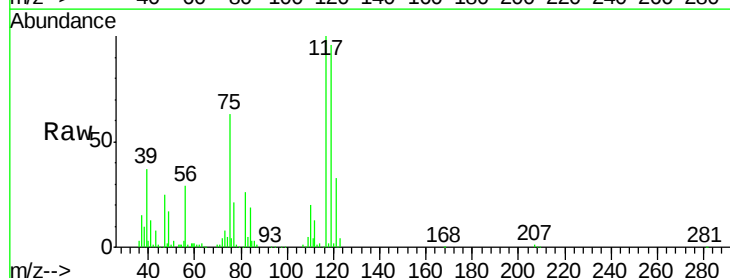
Manual Integrations
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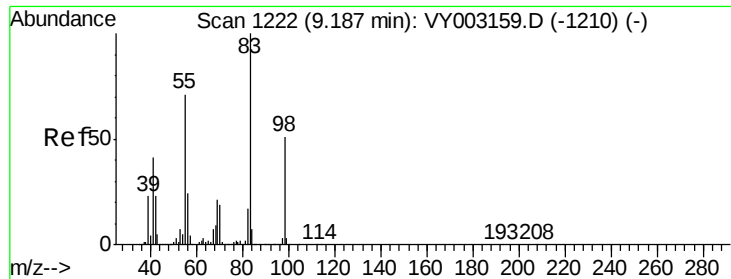
MMDadoda
7/22/2020 2:43:25 PM



#38
Carbon Tetrachloride
Concen: 21.199 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.5	111.7
121	33.0	24.2	36.2





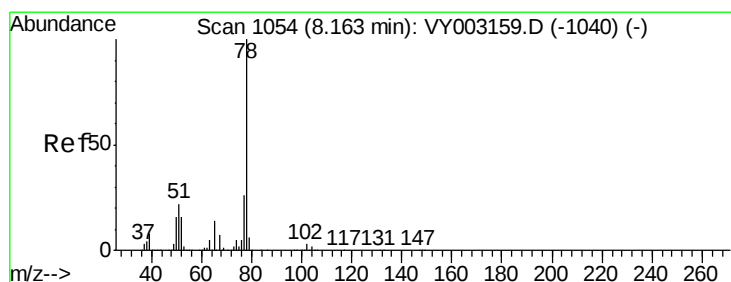
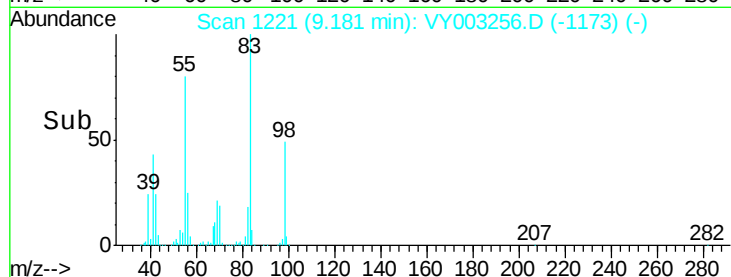
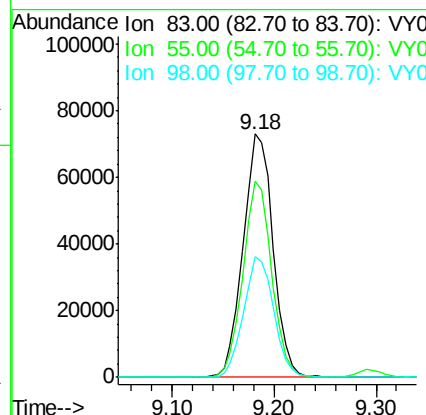
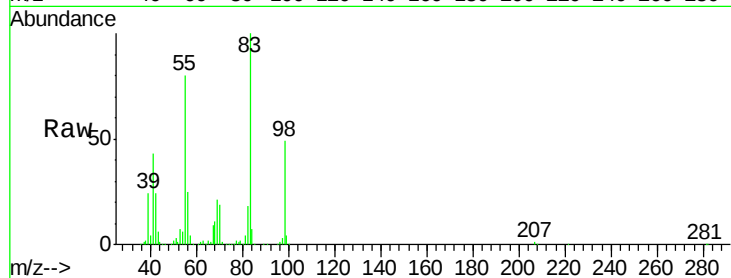
#39
Methvlcvclohexane
Concen: 20.690 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	57.2	85.8
98	49.3	41.0	61.6

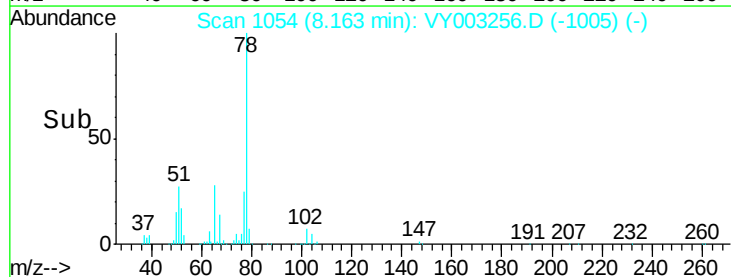
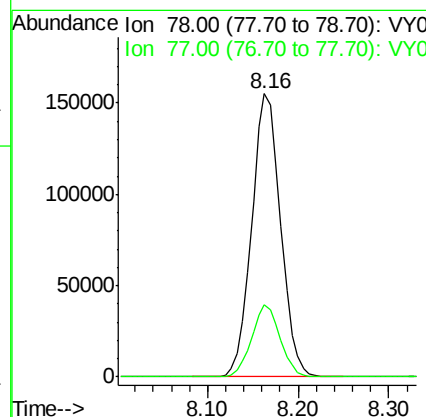
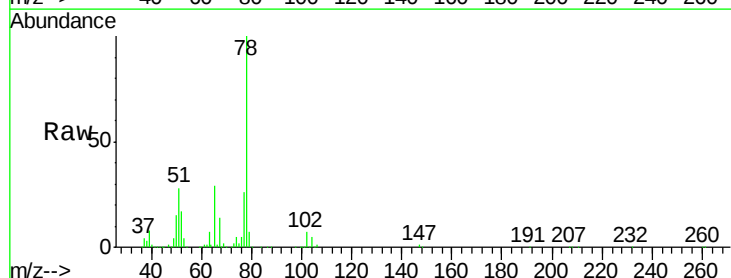
Manual Integrations
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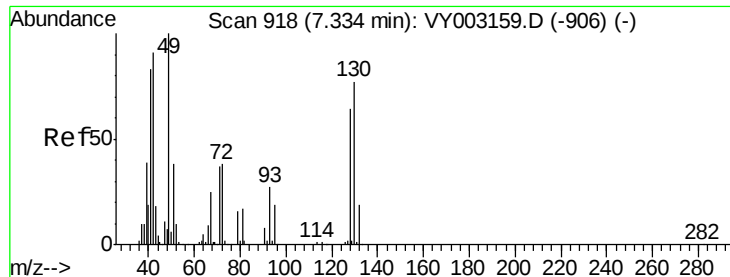
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#40
Benzene
Concen: 21.624 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	20.7	31.1





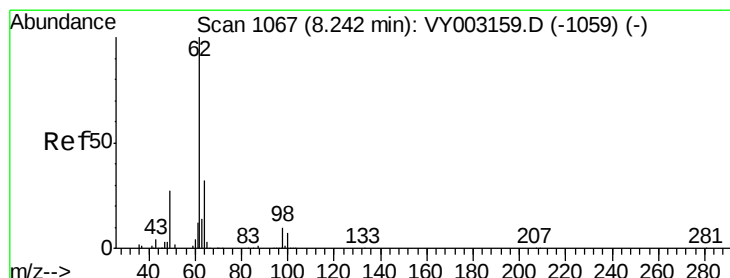
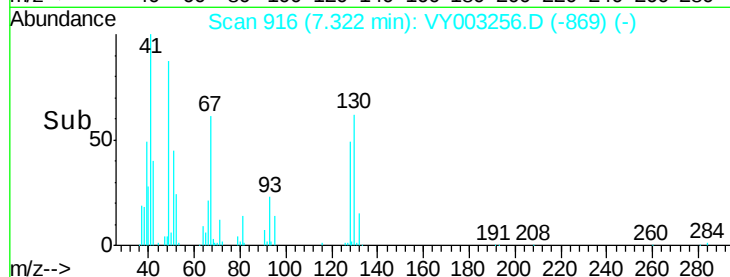
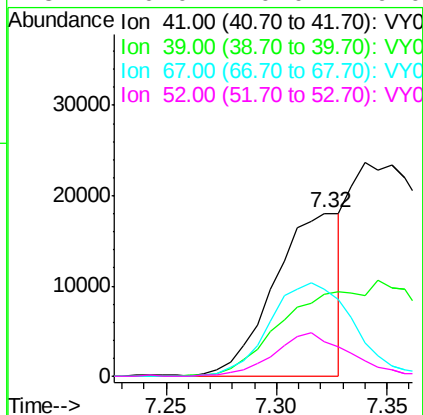
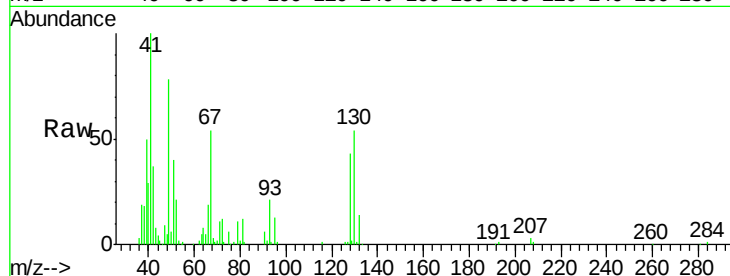
#41
Methacrylonitrile
Concen: 20.414 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	41	Resp	37964
Ion Ratio	Lower	Upper	
41	100		
39	119.2	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

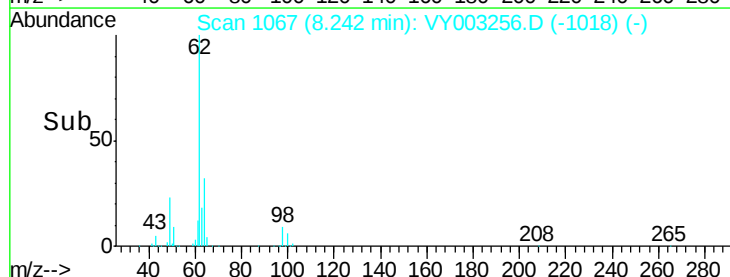
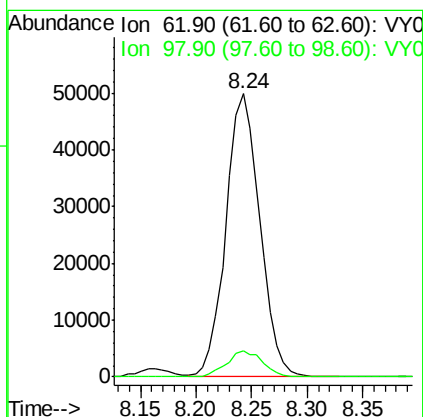
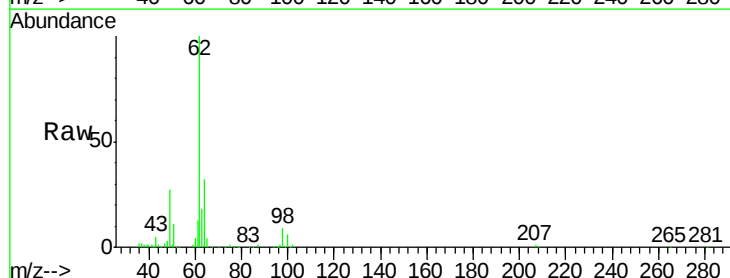
Manual Integrations
APPROVED

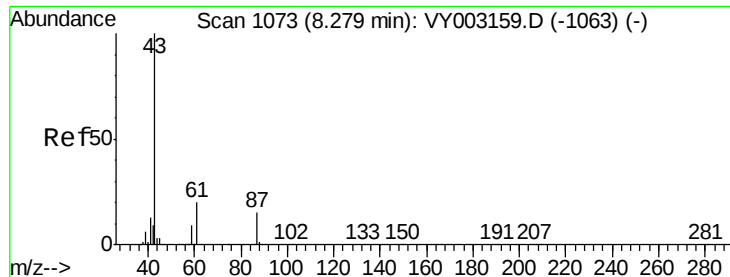
MMDadoda
7/22/2020 2:43:25 PM



#42
1,2-Dichloroethane
Concen: 21.698 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	62	Resp	105462
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	19.0





#43

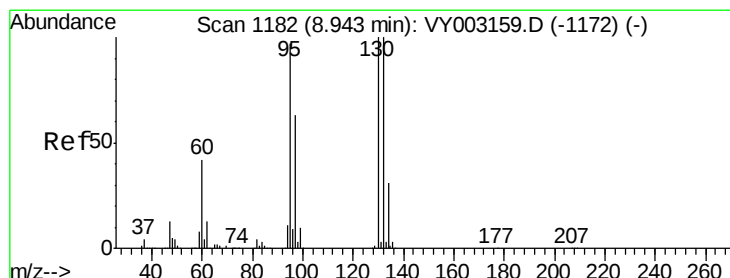
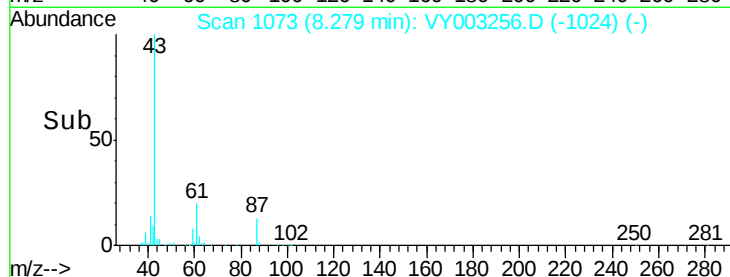
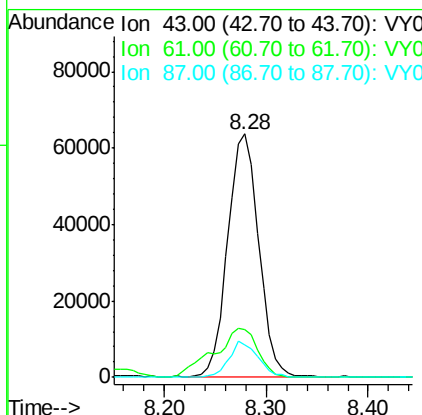
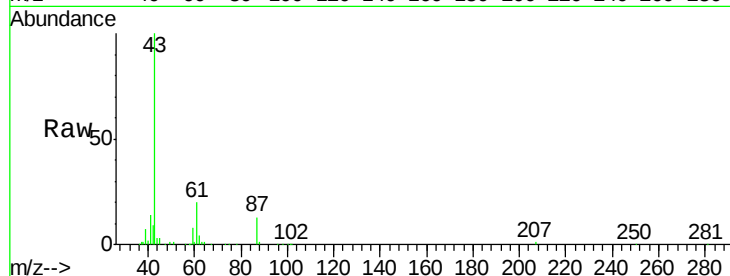
Isopropyl Acetate
 Concen: 22.334 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	43	Resp	133489
Ion Ratio	100	Lower	Upper
43	100		
61	28.7	23.7	35.5
87	13.9	11.4	17.0

Manual Integrations
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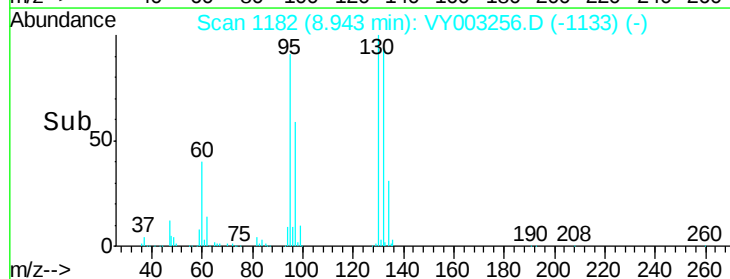
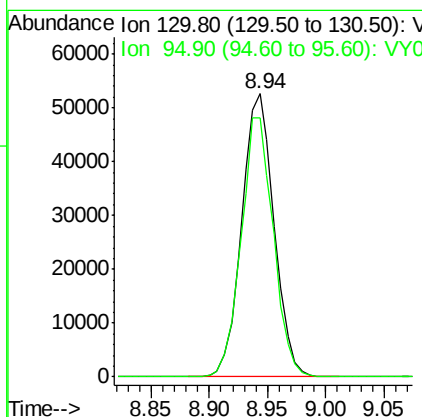
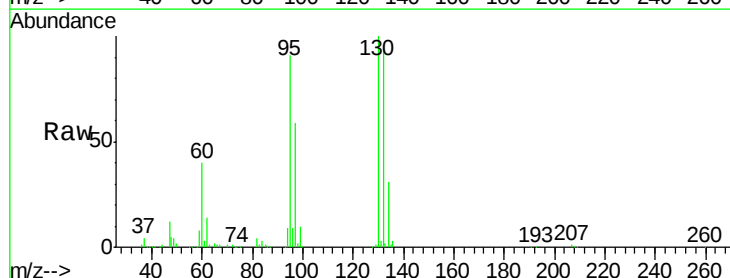
MMDadoda
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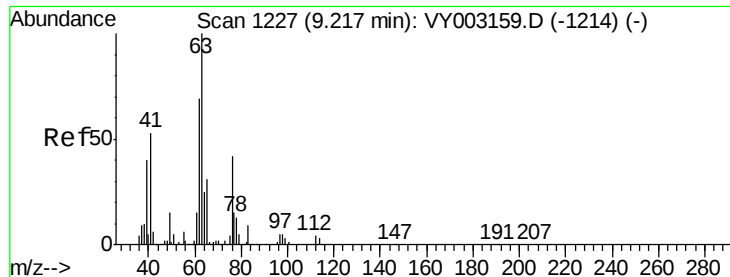


#44

Trichloroethene
 Concen: 21.080 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	130	Resp	102024
Ion Ratio	100	Lower	Upper
130	100		
95	91.1	0.0	193.8





#45

1,2-Dichloropropane

Concen: 22.517 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBSD01

Tot Ion: 63 Resp: 91987

Ion Ratio Lower Upper

63 100

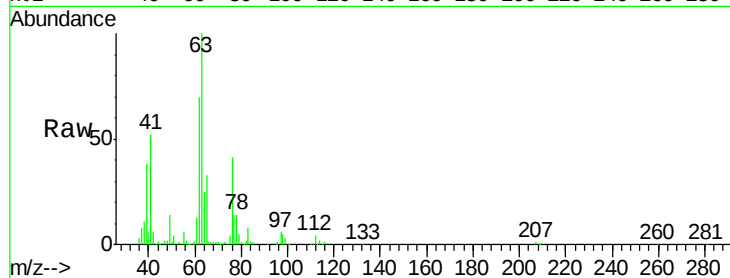
65 32.6 25.0 37.4

Manual Integrations

APPROVED

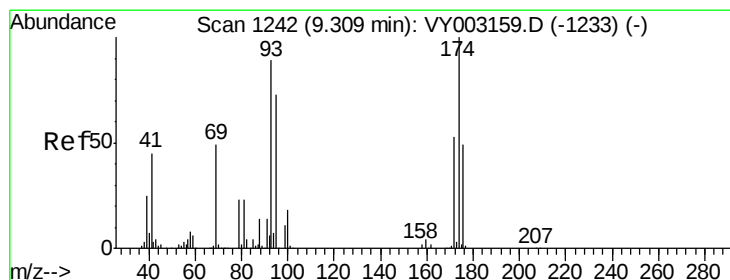
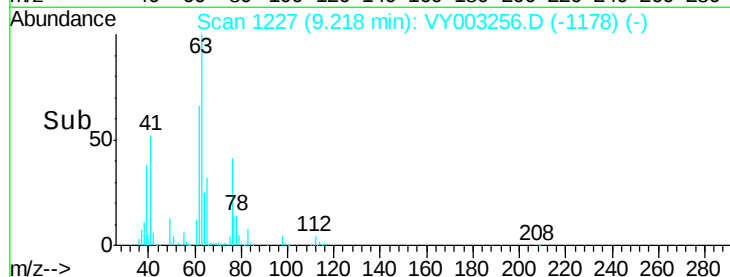
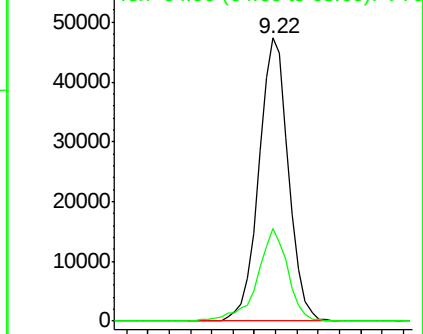
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.537 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

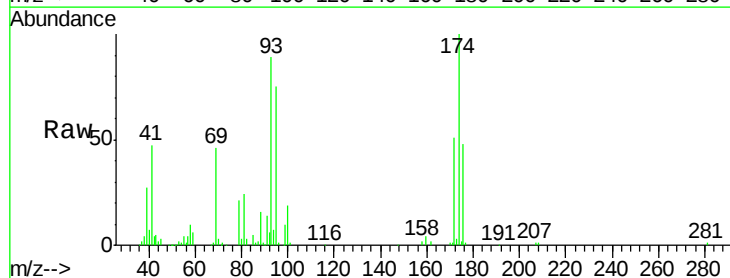
Tgt Ion: 93 Resp: 51388

Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

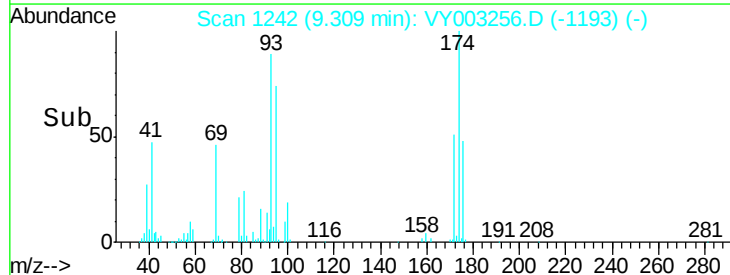
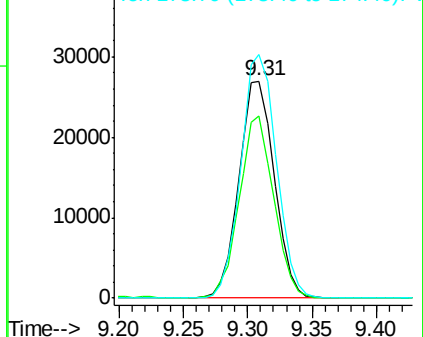
174 112.8 90.2 135.4

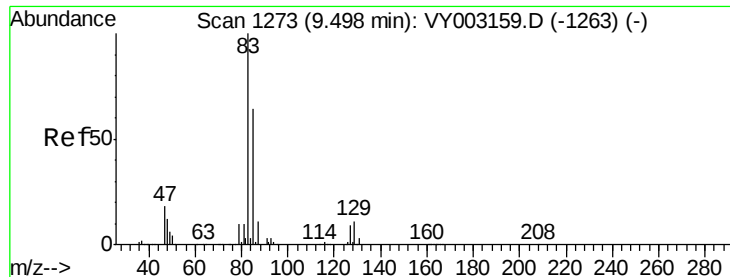


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.859 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

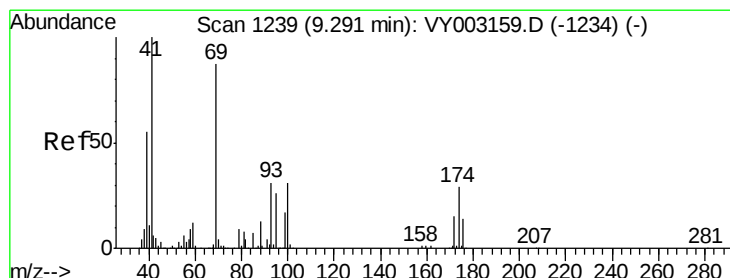
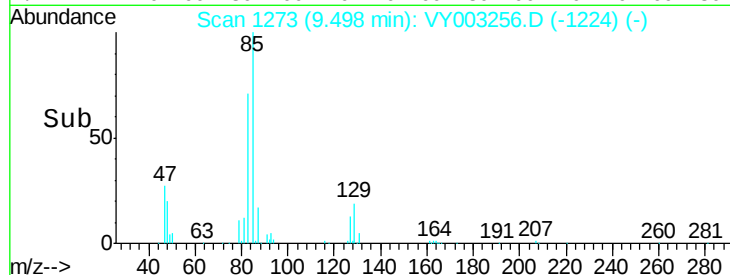
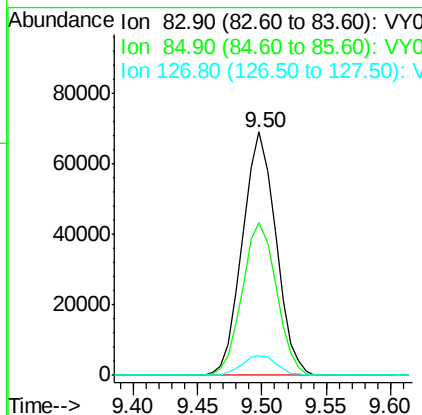
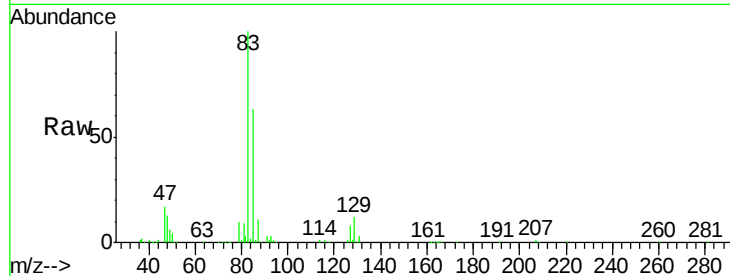
ClientSampleId :

VY0721SBS01

Tot Ion:	83	Resp:	124045
Ion Ratio	Lower	Upper	
83	100		
85	62.7	50.9	76.3
127	8.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.276 ug/l

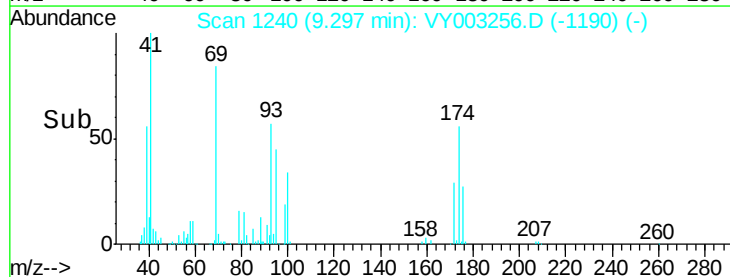
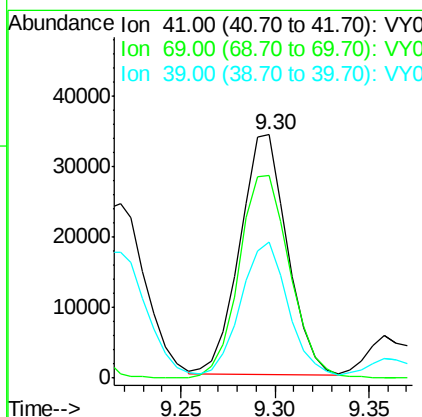
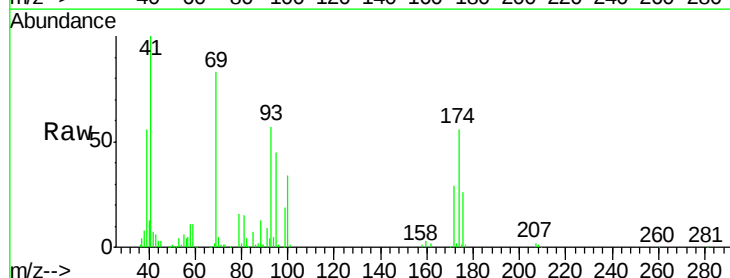
RT: 9.30 min Scan# 1240

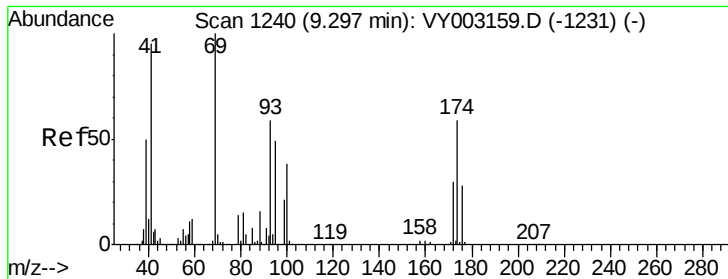
Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion:	41	Resp:	59522
Ion Ratio	Lower	Upper	
41	100		
69	90.6	74.5	111.7
39	57.0	47.5	71.3





#49

1,4-Dioxane

Concen: 465.777 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 88 Resp: 14105

Ion Ratio Lower Upper

88 100

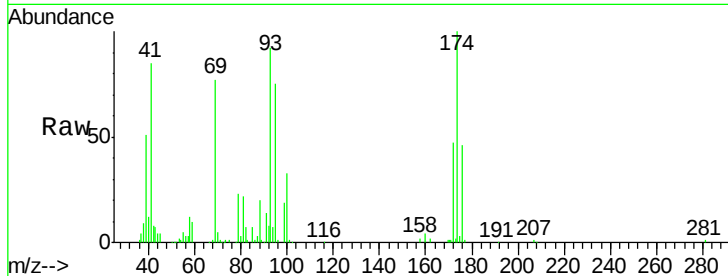
43 31.3 25.6 38.4

58 64.7 47.8 71.6

Manual Integrations
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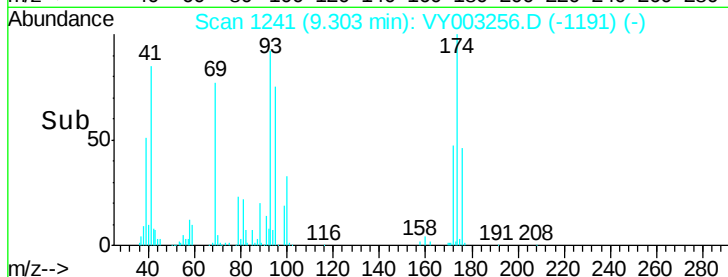
Abundance

Ion 88.00 (87.70 to 88.70): VY0

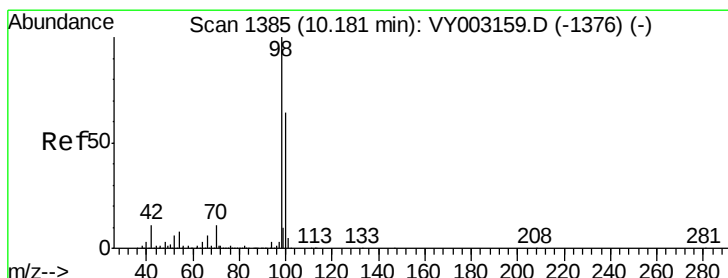
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

Time-->



Time-->



#50

Toluene-d8

Concen: 46.028 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003256.D

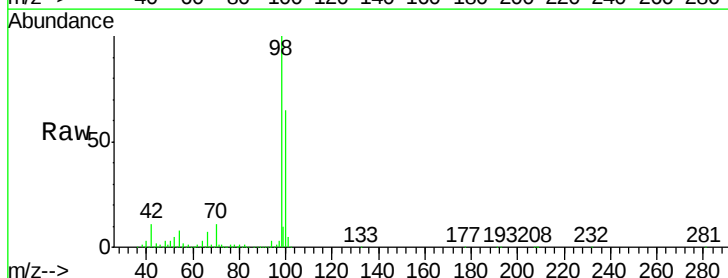
Acq: 21 Jul 2020 18:04

Tgt Ion: 98 Resp: 623011

Ion Ratio Lower Upper

98 100

100 64.5 50.7 76.1

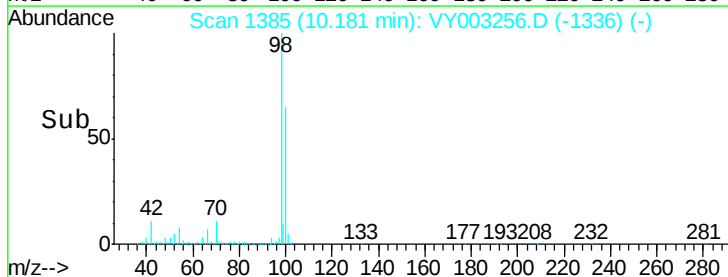


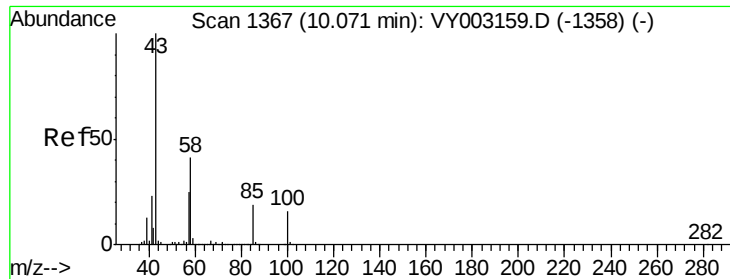
Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

Time-->





#51

4-Methyl-2-Pentanone

Concen: 116.000 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 43 Resp: 360371

Ion Ratio Lower Upper

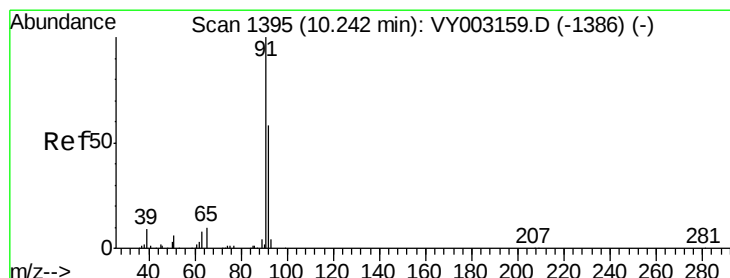
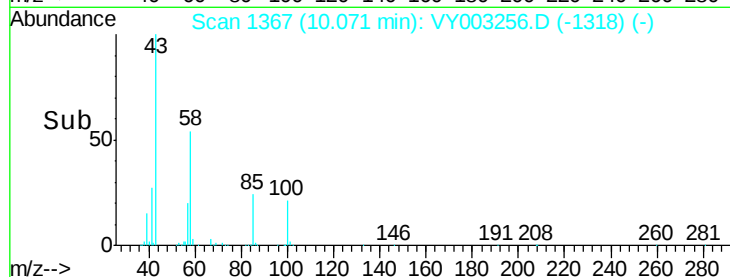
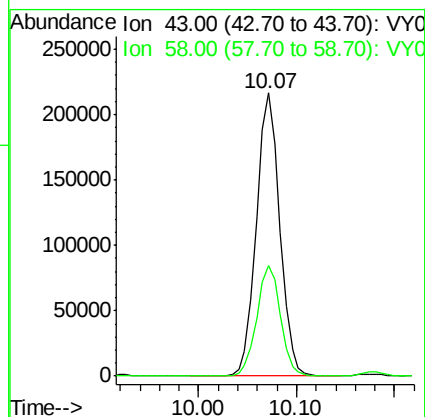
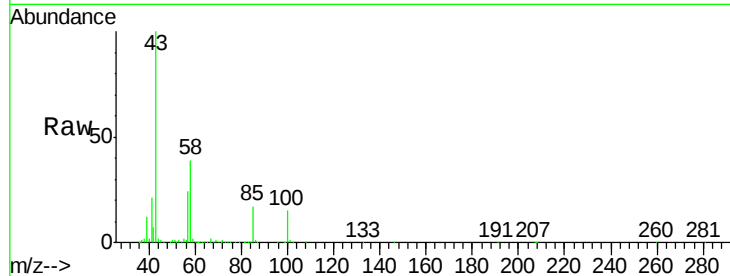
43 100

58 39.4 32.7 49.1

Manual Integrations
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#52

Toluene

Concen: 21.368 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003256.D

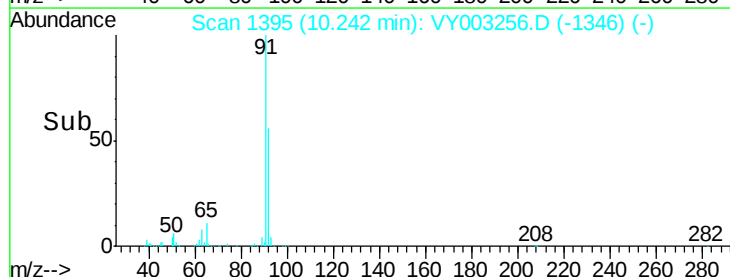
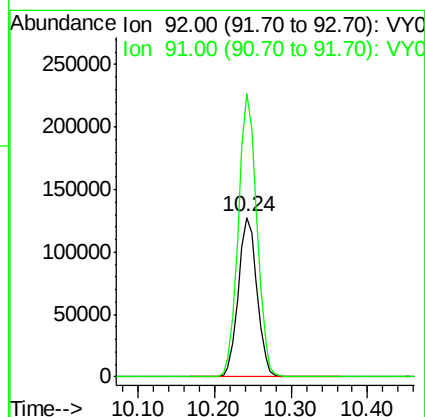
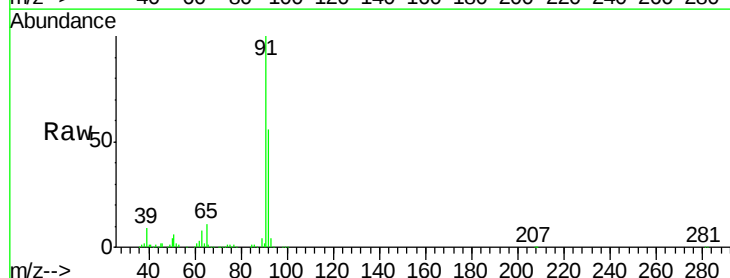
Acq: 21 Jul 2020 18:04

Tgt Ion: 92 Resp: 215624

Ion Ratio Lower Upper

92 100

91 176.1 139.7 209.5





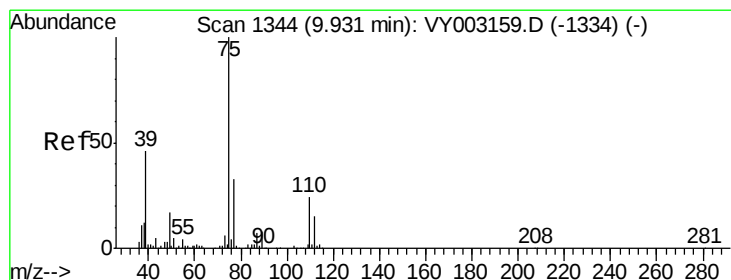
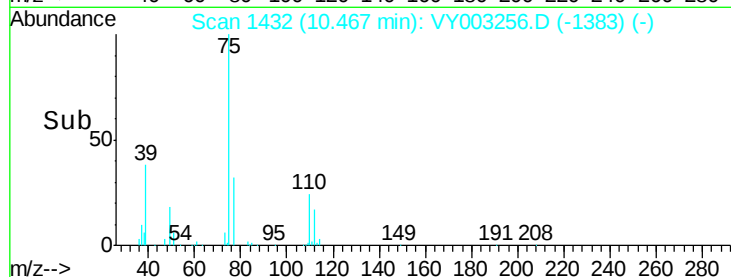
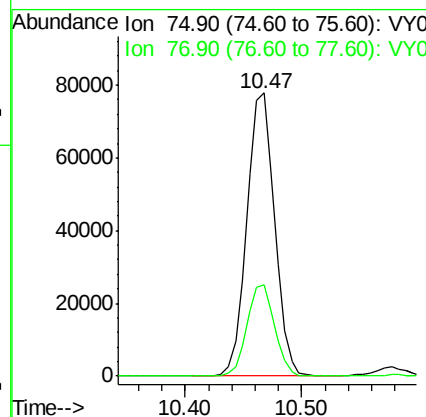
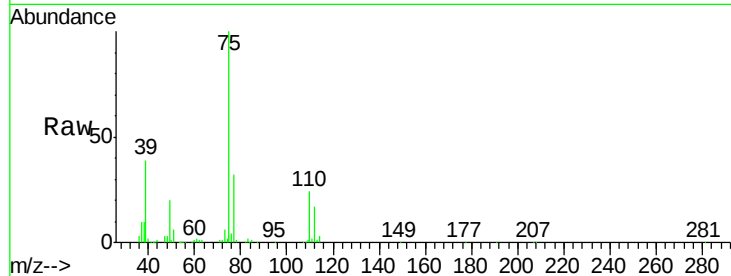
#53
t-1,3-Dichloropropene
Concen: 22.097 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion: 75 Resp: 129921
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8

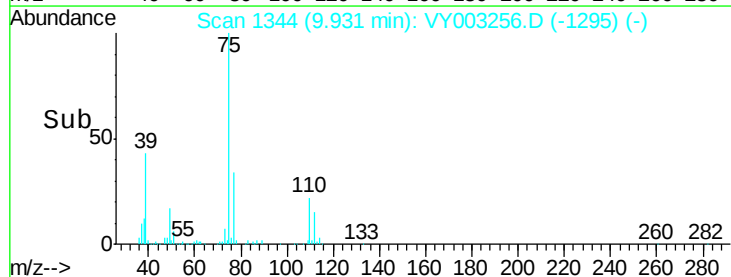
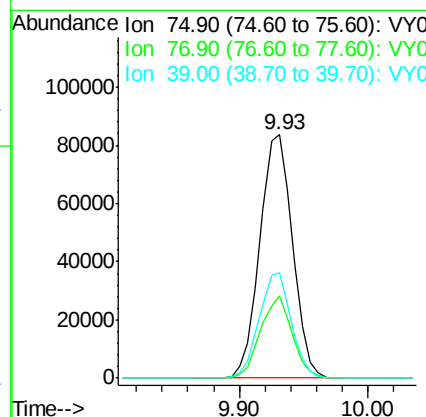
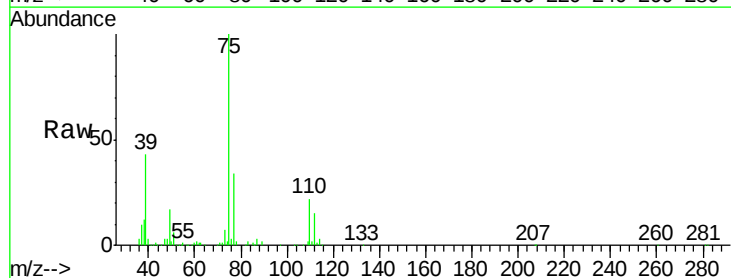
Manual Integrations
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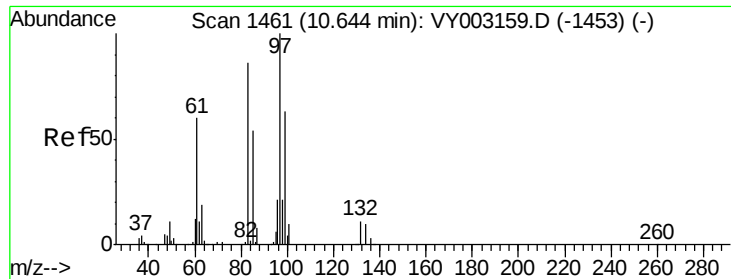
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.705 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 75 Resp: 147039
Ion Ratio Lower Upper
75 100
77 34.0 26.7 40.1
39 43.4 37.0 55.6





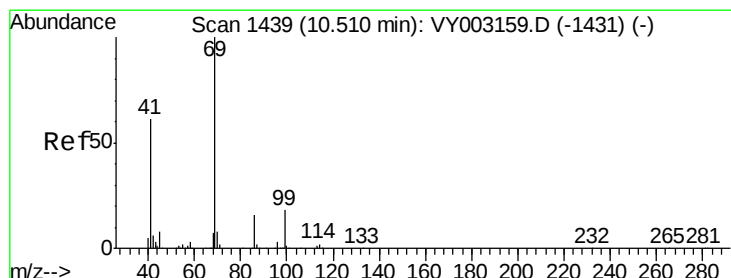
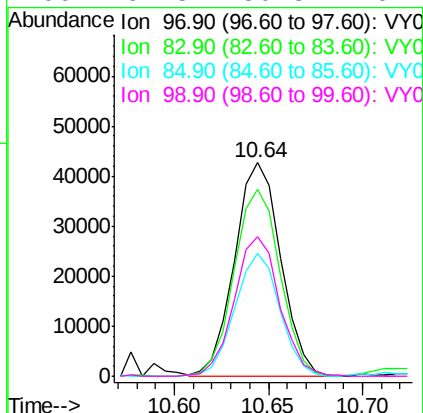
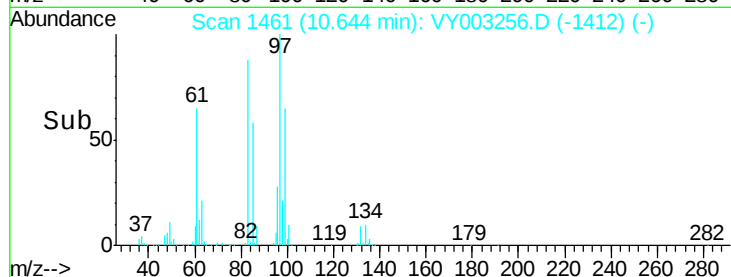
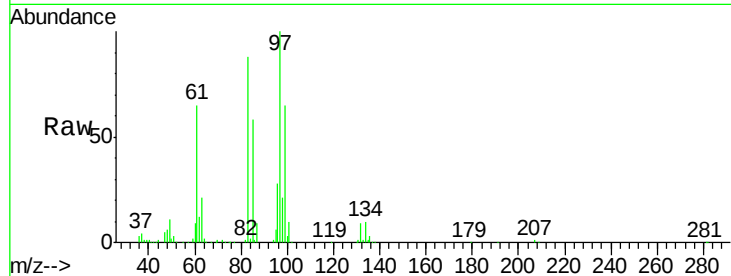
#55
 1,1,2-Trichloroethane
 Concen: 21.409 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion:	97	Resp:	72386
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.8	103.2
85	57.6	43.1	64.7
99	64.8	50.8	76.2

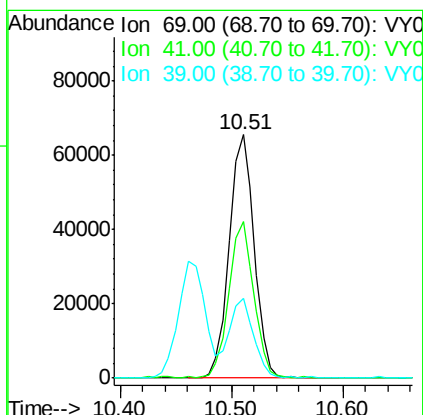
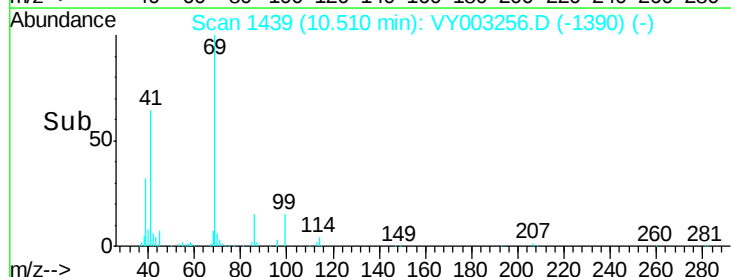
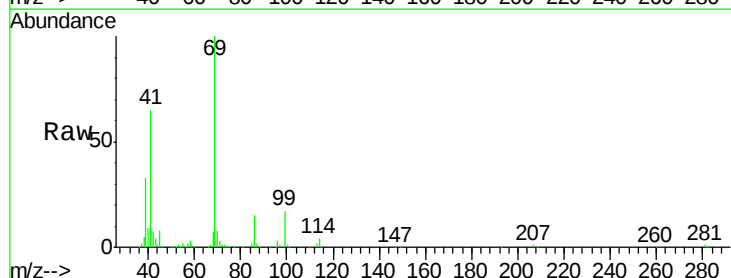
Manual Integrations
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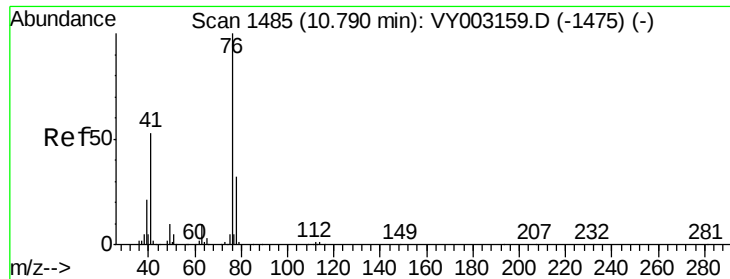
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#56
 Ethyl methacrylate
 Concen: 22.132 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion:	69	Resp:	101733
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.0	75.0
39	31.9	27.6	41.4





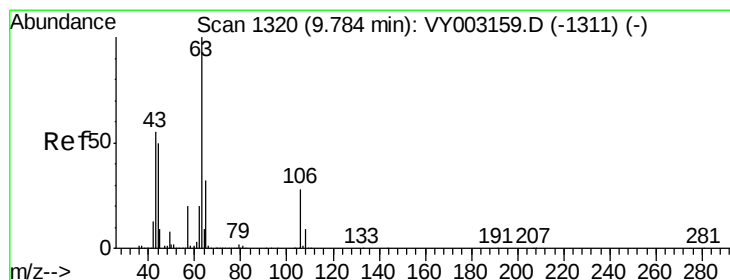
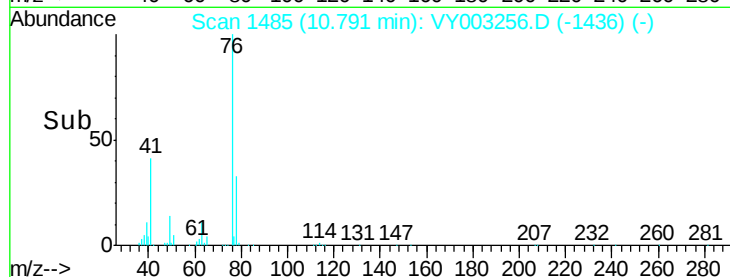
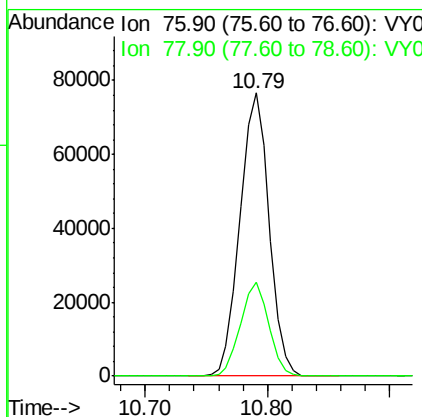
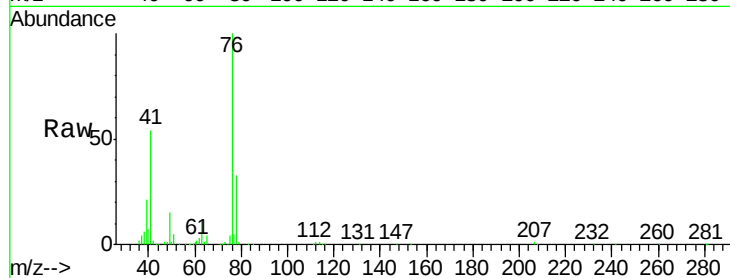
#57
 1,3-Dichloropropane
 Concen: 22.087 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

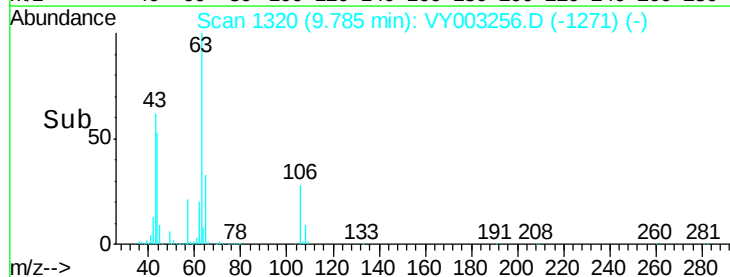
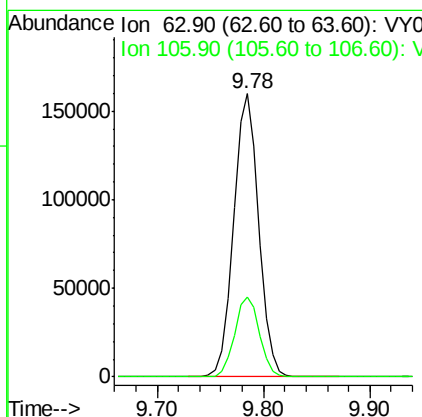
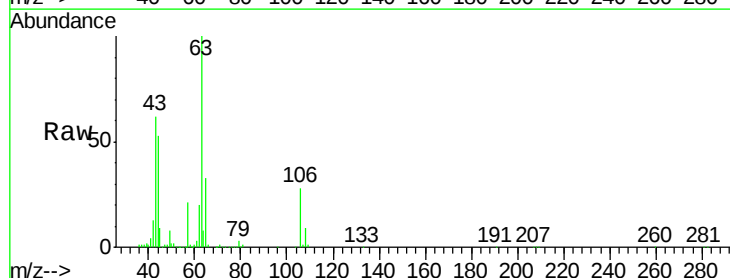
Manual Integrations
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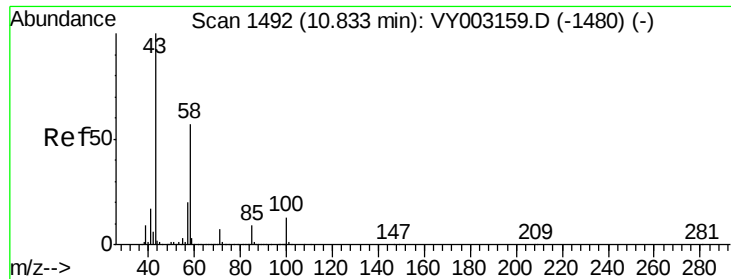
MMDadoda
 7/22/2020 2:43:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.089 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.9	34.3





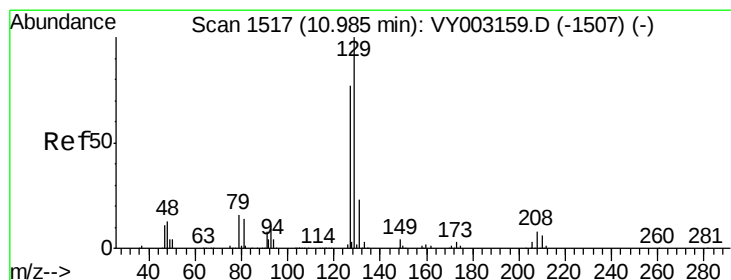
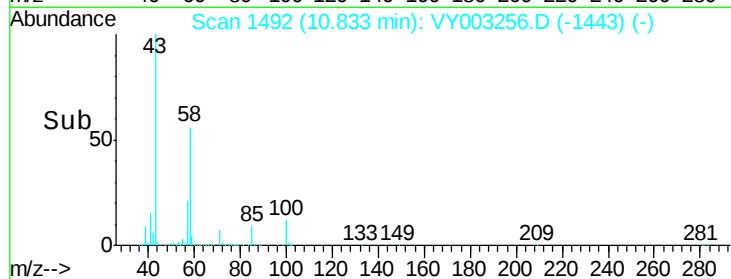
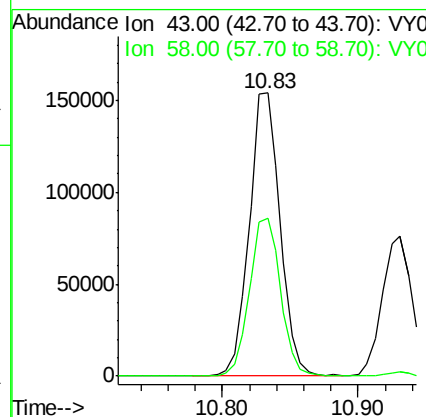
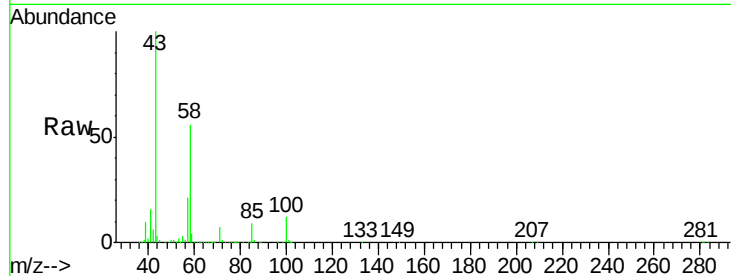
#59
2-Hexanone
Concen: 112.987 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.3	28.3	85.0

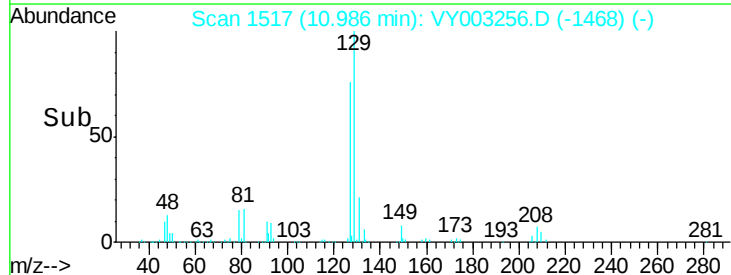
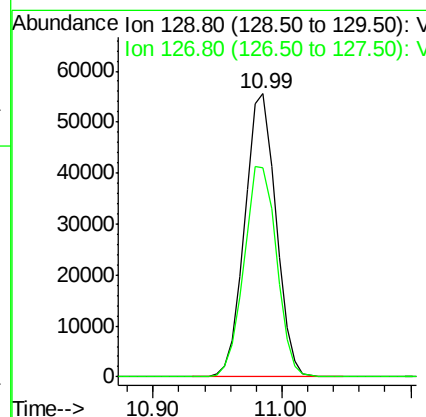
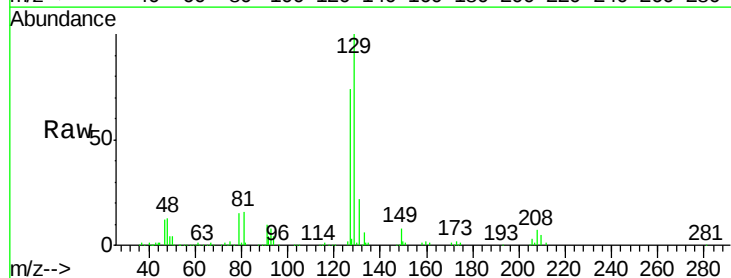
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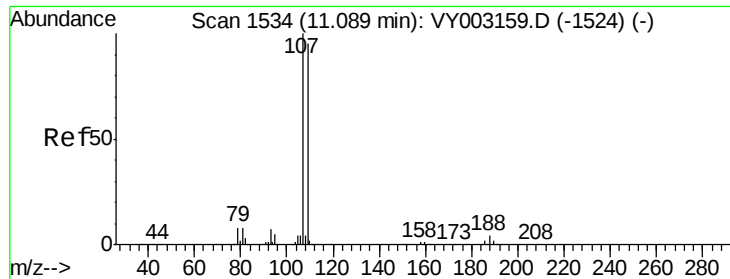
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#60
Dibromochloromethane
Concen: 21.905 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.5





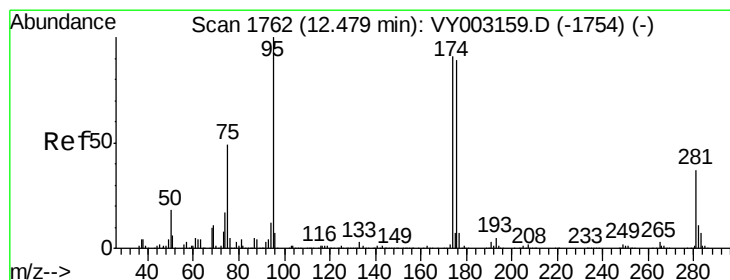
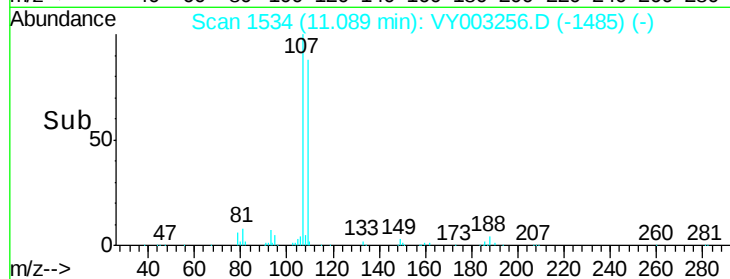
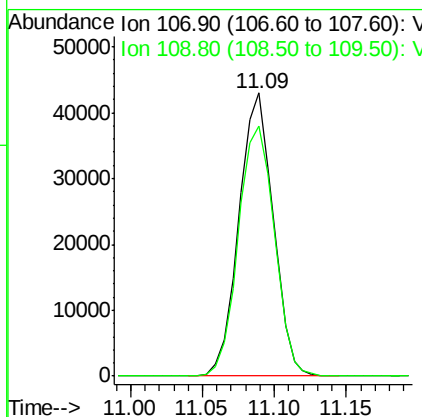
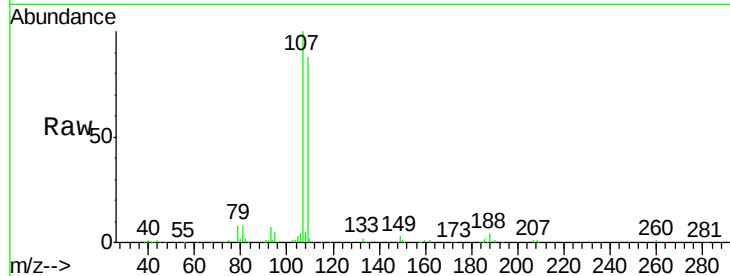
#61
 1,2-Dibromoethane
 Concen: 21.308 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBSD01

Tot Ion: 107 Resp: 71104
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.6 113.4

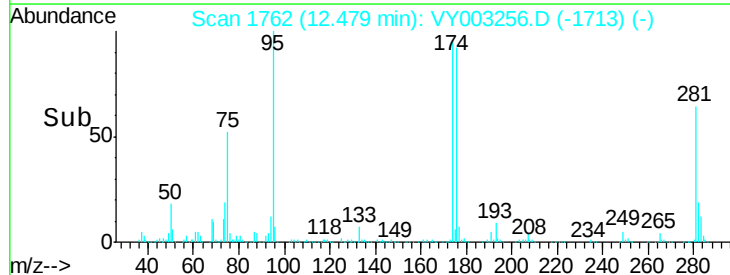
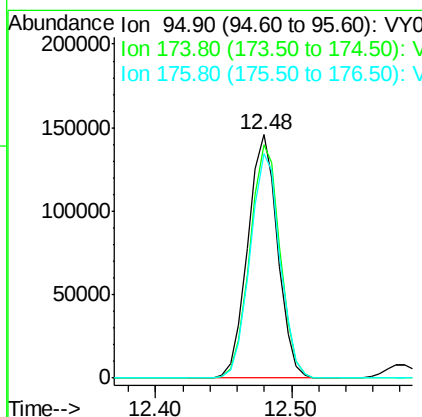
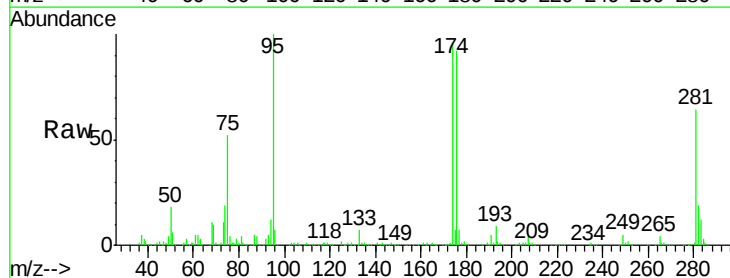
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 45.952 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion: 95 Resp: 224699
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 190.6
 176 93.0 0.0 186.4





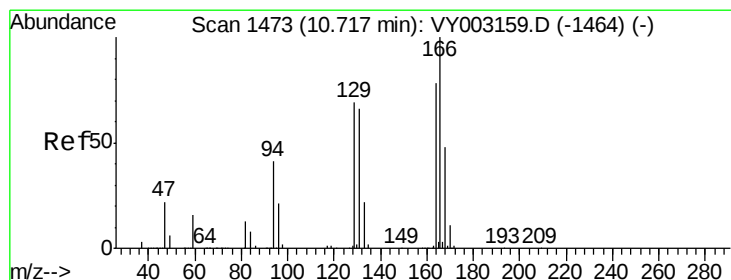
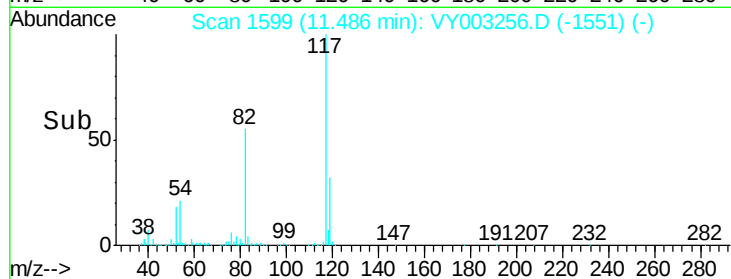
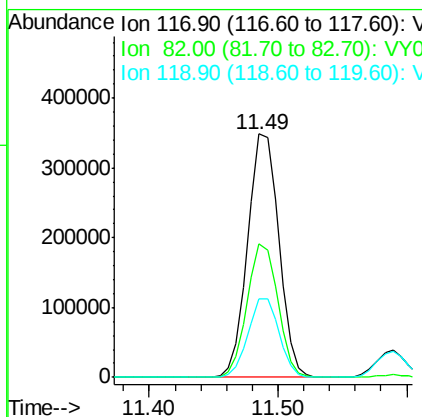
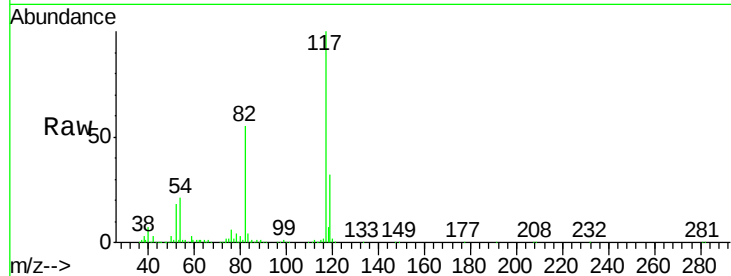
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	583240		
82	54.6		42.0	63.0
119	32.4		25.5	38.3

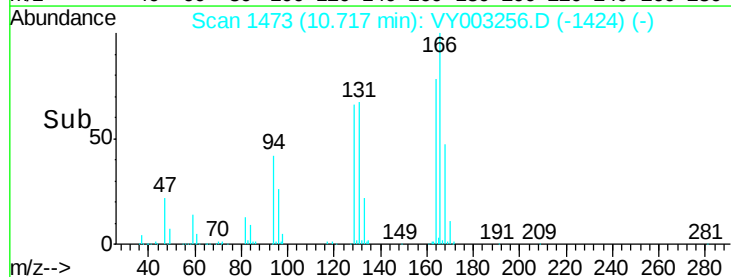
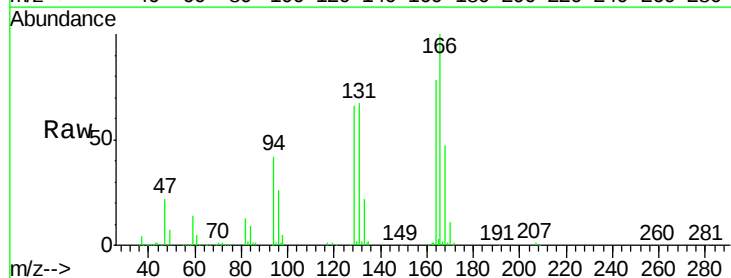
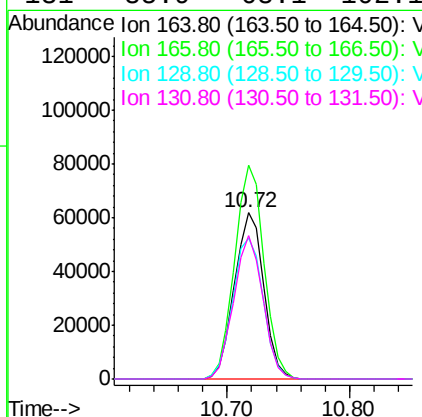
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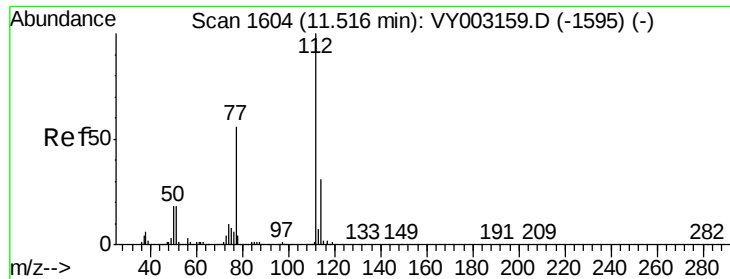
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#64
Tetrachloroethene
Concen: 19.639 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102132		
166	128.5		102.9	154.3
129	84.4		71.4	107.2
131	85.9		68.1	102.1





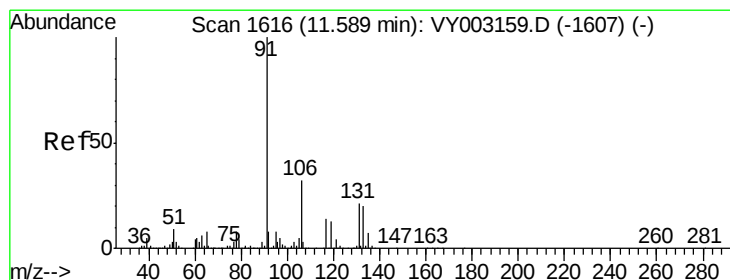
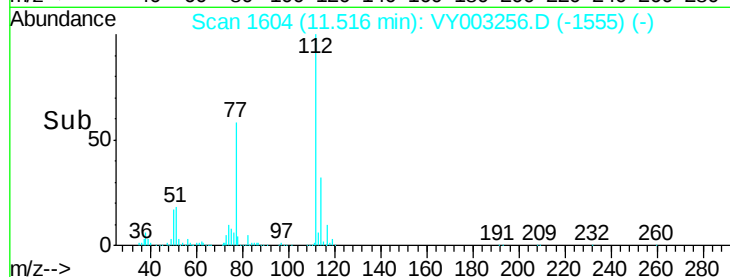
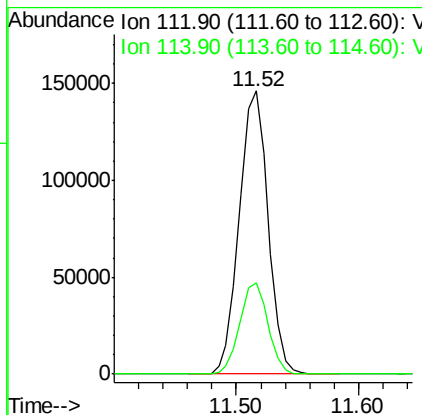
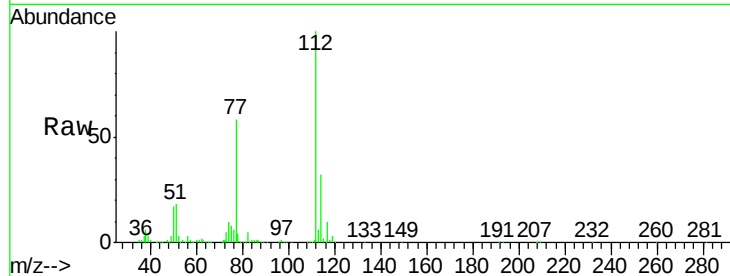
#65
Chlorobenzene
Concen: 21.225 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion:112 Resp: 238481
Ion Ratio Lower Upper
112 100
114 32.5 24.7 37.1

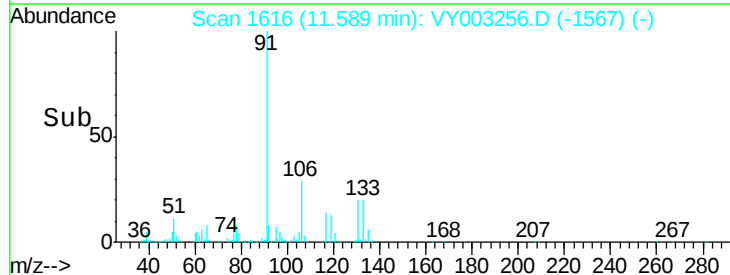
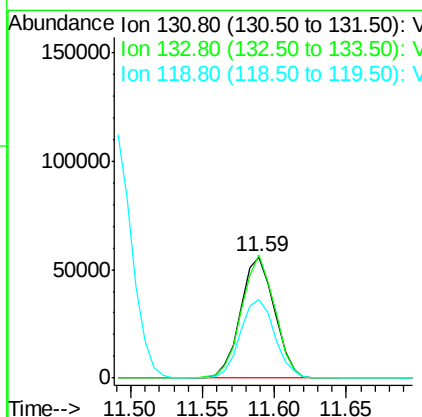
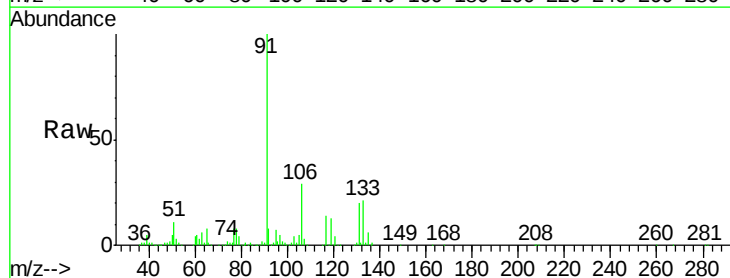
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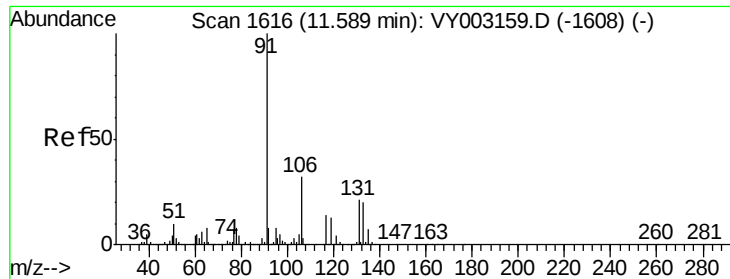
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.888 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion:131 Resp: 91153
Ion Ratio Lower Upper
131 100
133 99.0 48.0 144.0
119 65.9 32.4 97.0





#67

Ethyl Benzene

Concen: 21.077 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 91 Resp: 422842

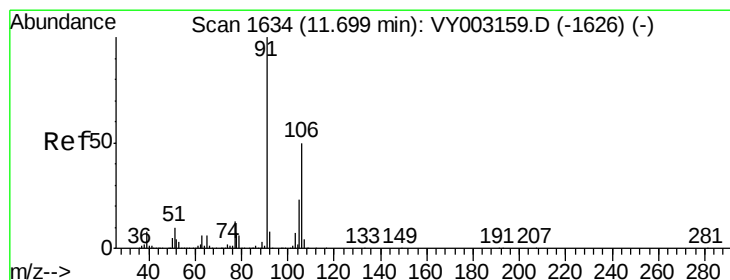
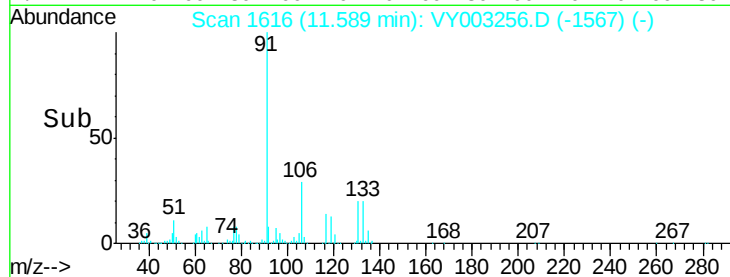
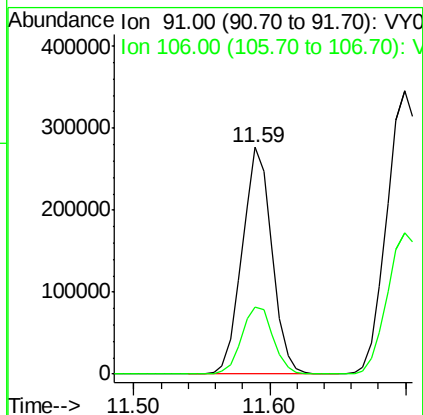
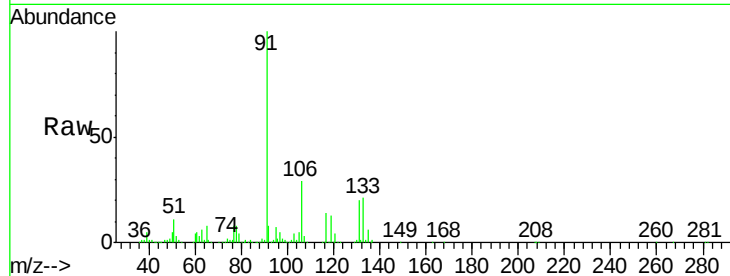
Ion Ratio Lower Upper

91 100

106 29.5 25.5 38.3

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#68

m/p-Xylenes

Concen: 41.757 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003256.D

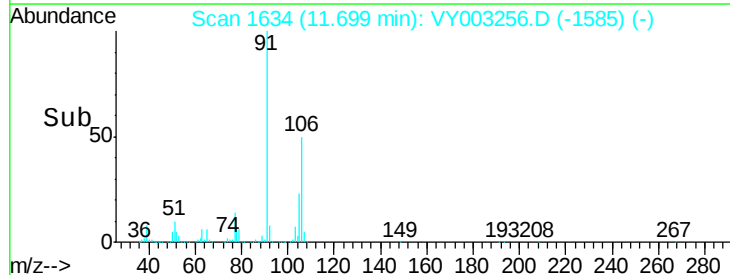
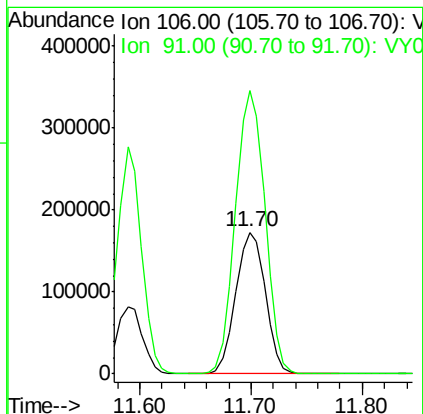
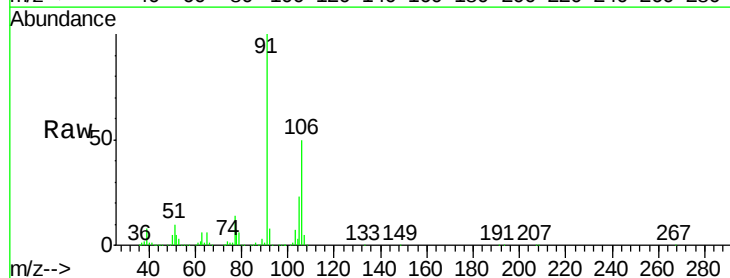
Acq: 21 Jul 2020 18:04

Tgt Ion: 106 Resp: 317851

Ion Ratio Lower Upper

106 100

91 200.7 159.0 238.6





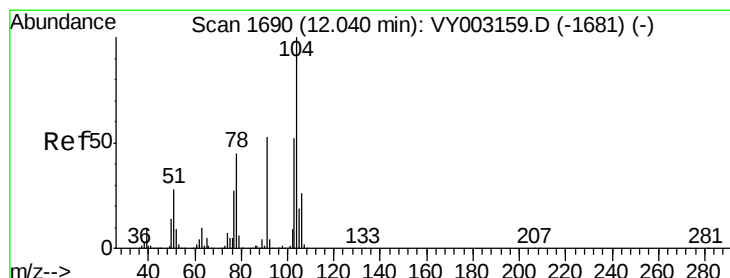
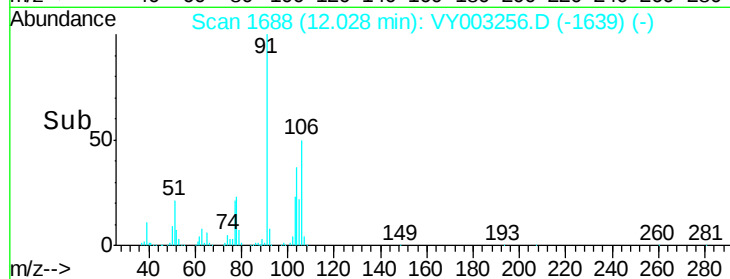
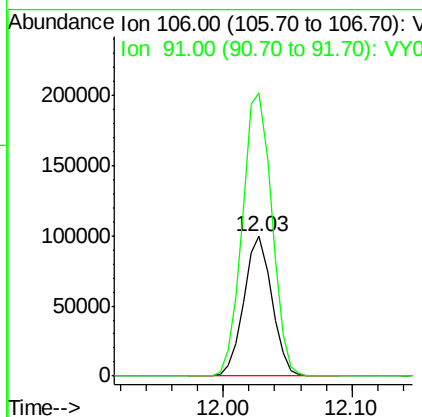
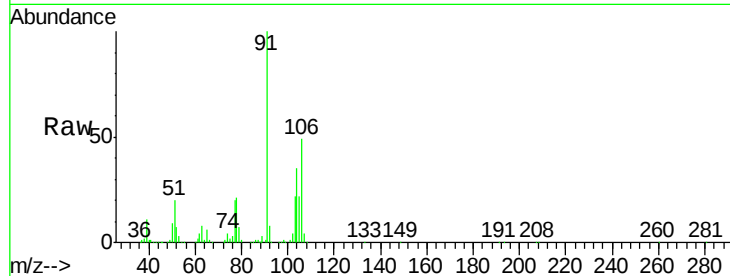
#69
o-Xylene
Concen: 20.996 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	213.2	105.1	315.1

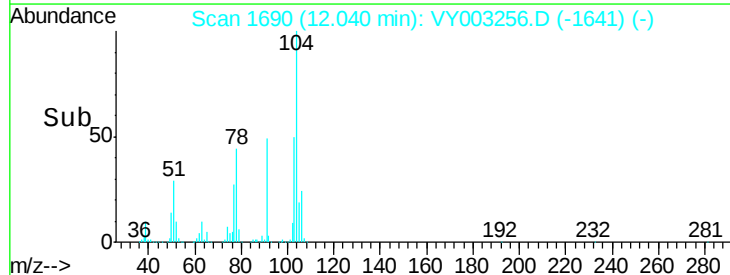
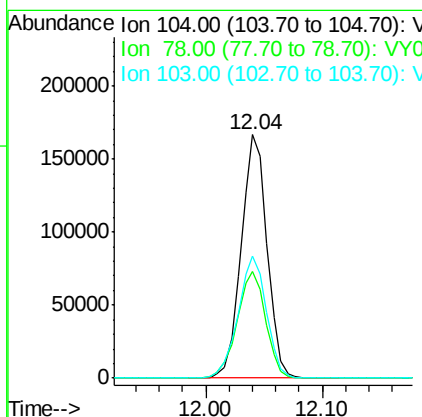
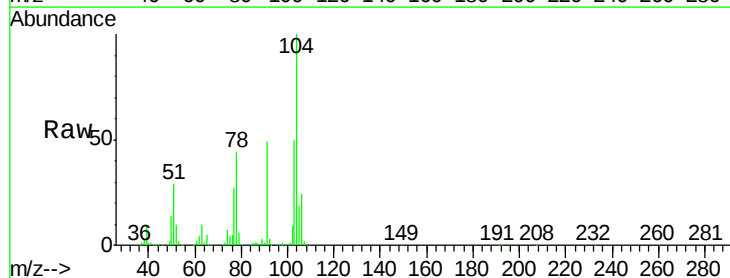
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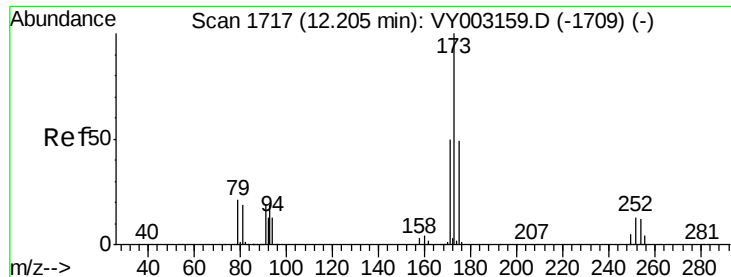
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#70
Styrene
Concen: 21.190 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.5	38.5	57.7
103	103	54.9	43.9	65.9





#71

Bromoform

Concen: 21.509 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

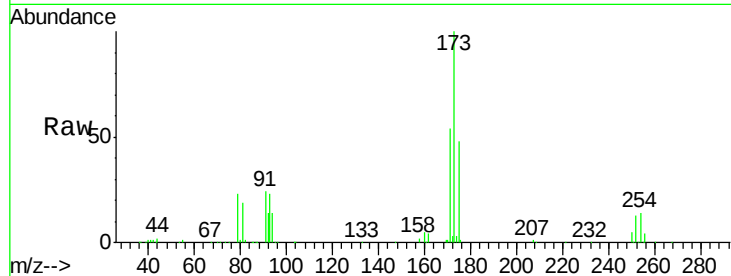
ClientSampleId :

VY0721SBS01

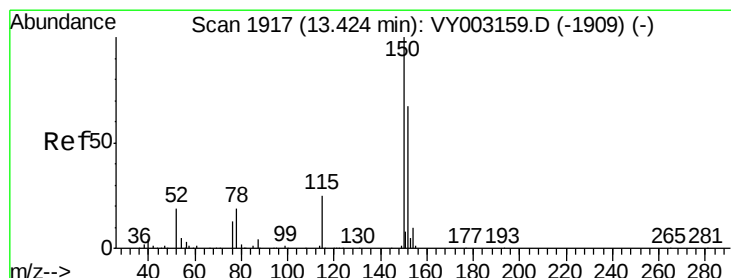
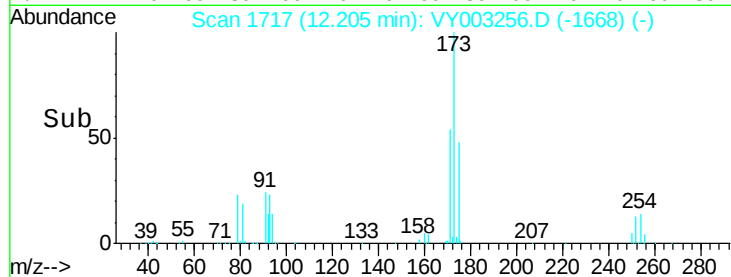
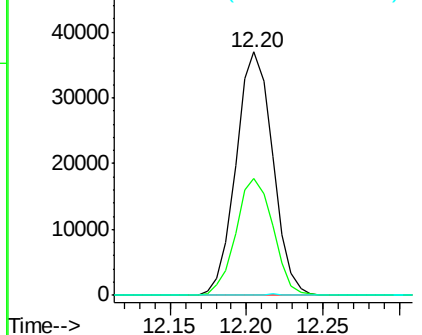
Tot Ion:	173	Resp:	61606
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.3	73.0
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

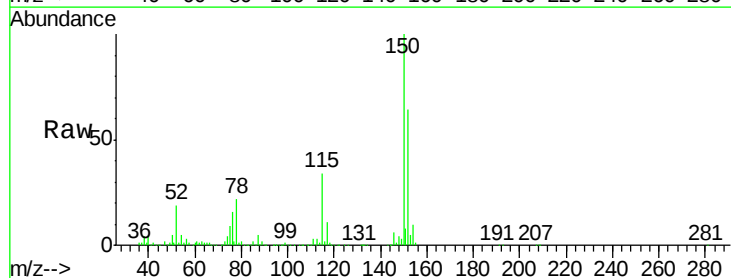
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

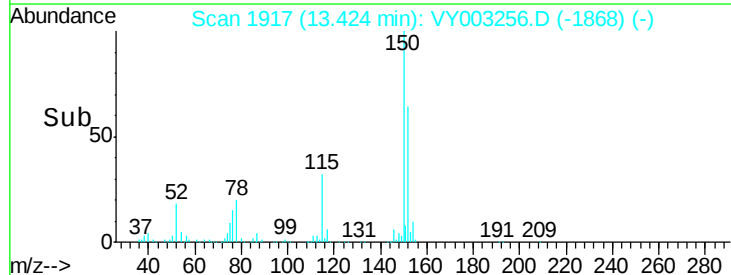
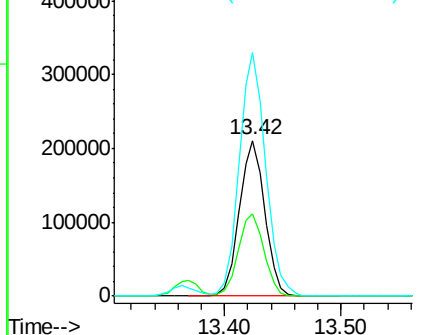
Lab File: VY003256.D

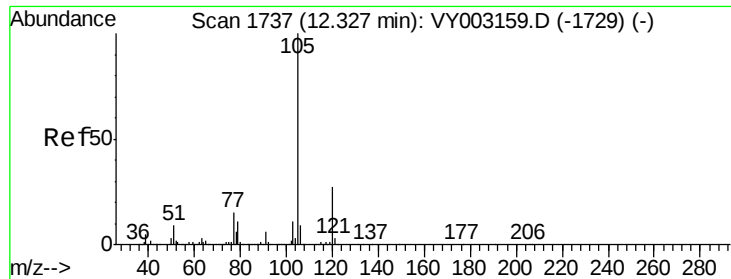
Acq: 21 Jul 2020 18:04

Tgt Ion:	152	Resp:	318394
Ion Ratio	Lower	Upper	
152	100		
115	53.6	26.9	80.7
150	163.0	0.0	338.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.472 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 105 Resp: 415381

Ion Ratio Lower Upper

105 100

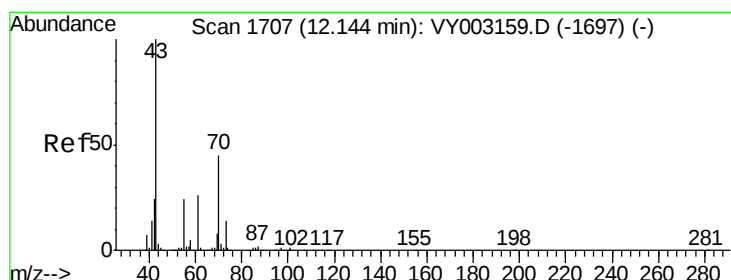
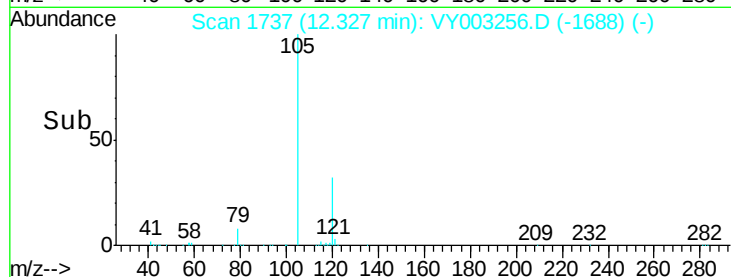
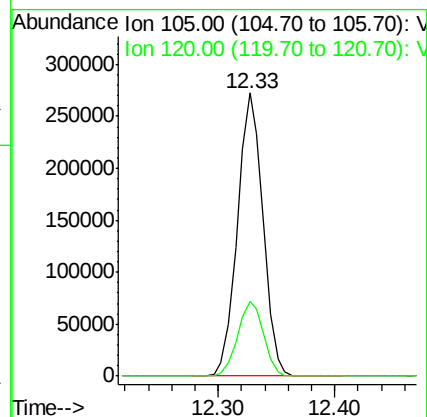
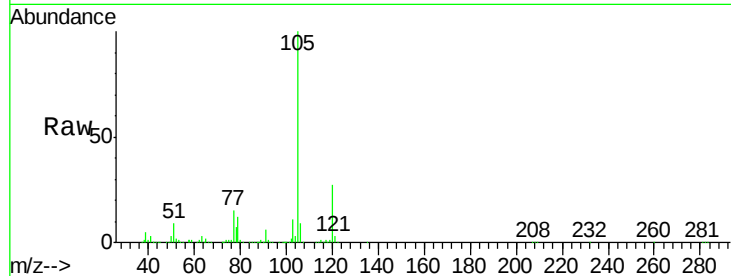
120 26.8 13.4 40.2

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#74

N-ethyl acetate

Concen: 22.056 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion: 43 Resp: 125569

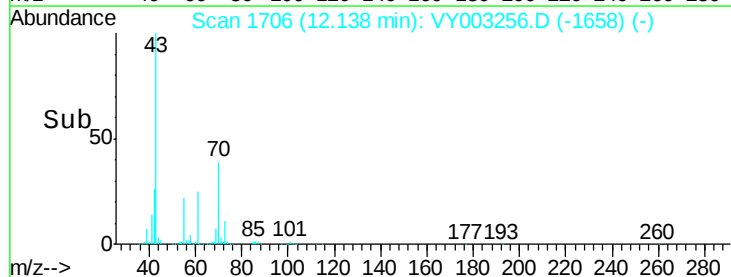
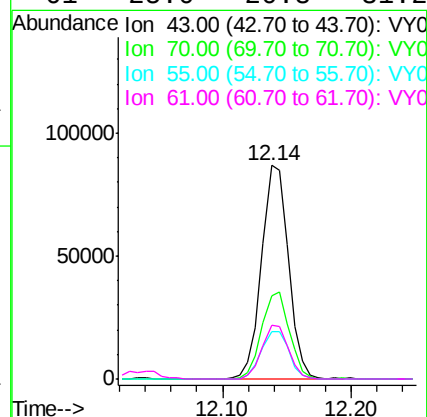
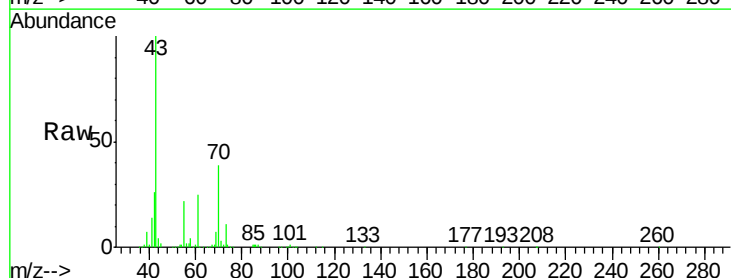
Ion Ratio Lower Upper

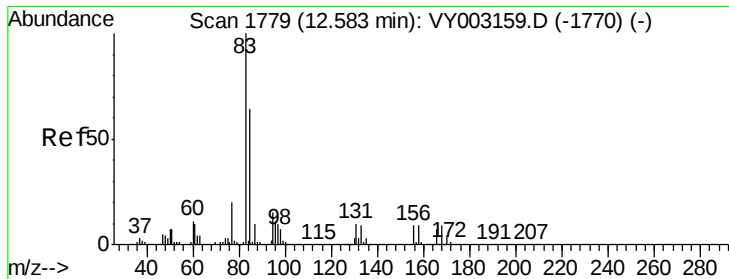
43 100

70 41.8 35.6 53.4

55 23.6 19.4 29.2

61 25.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.157 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

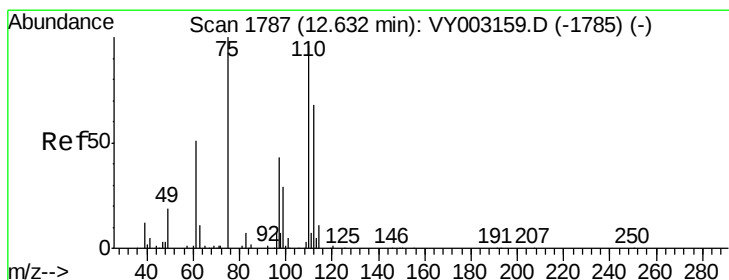
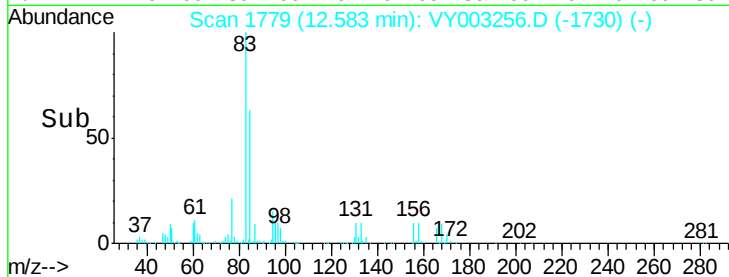
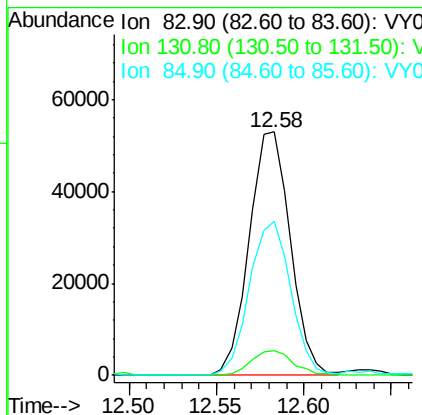
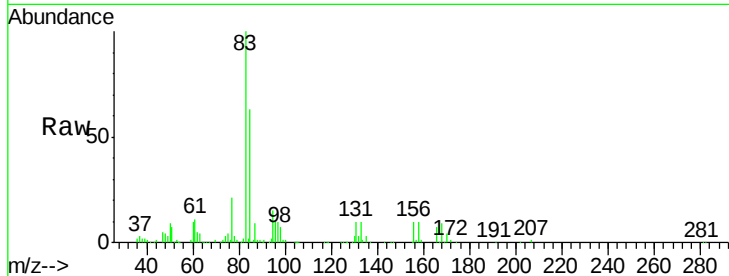
ClientSampleId :

VY0721SBS01

Tot Ion:	83	Resp:	86827
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	63.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 20.699 ug/l m

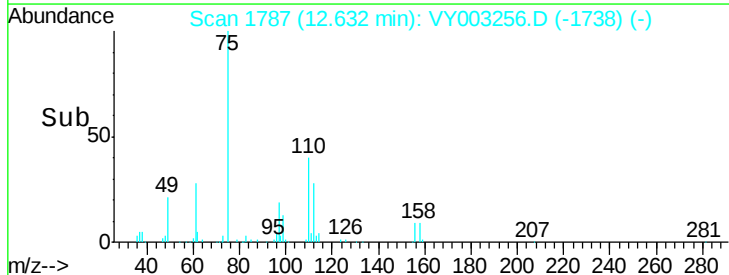
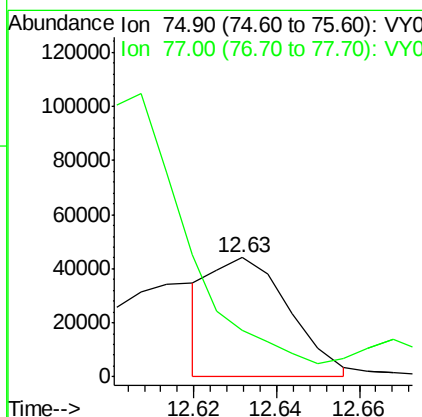
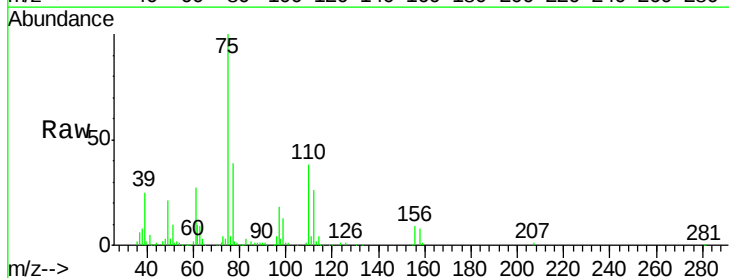
RT: 12.63 min Scan# 1787

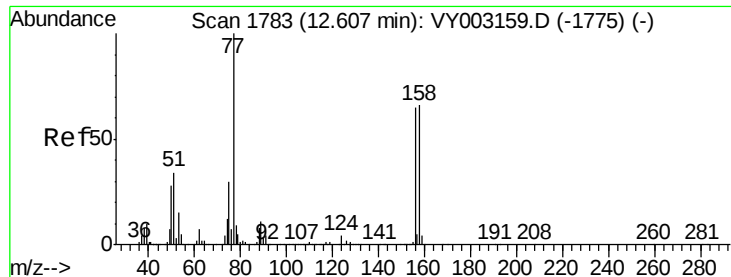
Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion:	75	Resp:	58337
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.471 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

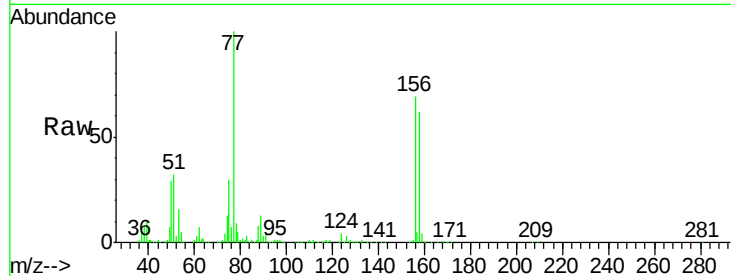
ClientSampleId :

VY0721SBS01

Tot Ion:	156	Resp:	105874
Ion Ratio	Lower	Upper	
156	100		
77	175.4	86.6	259.7
158	96.7	49.4	148.0

Manual Integrations
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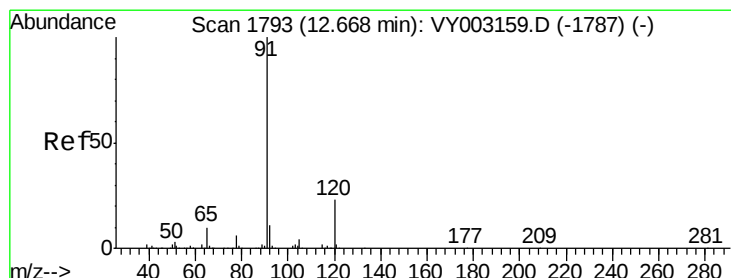
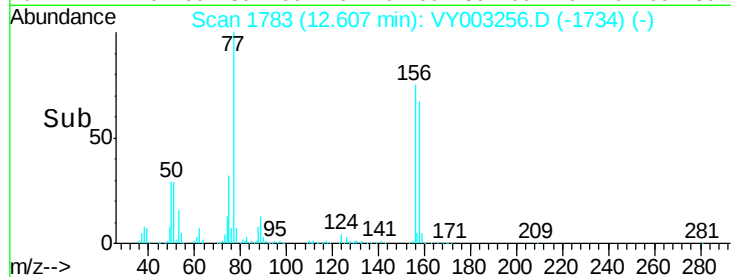
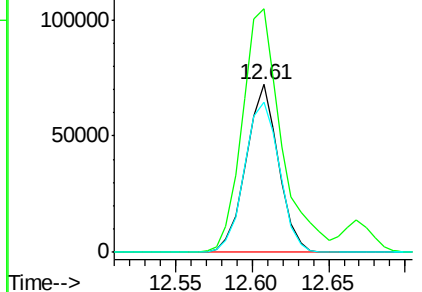
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.750 ug/l

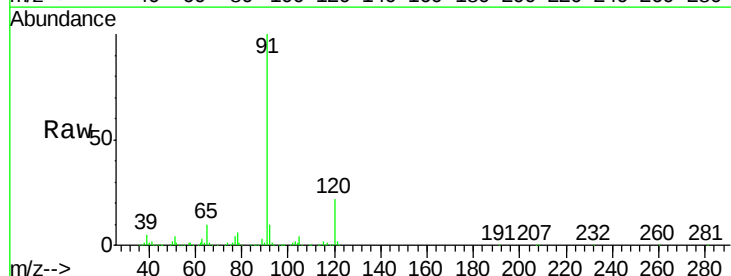
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003256.D

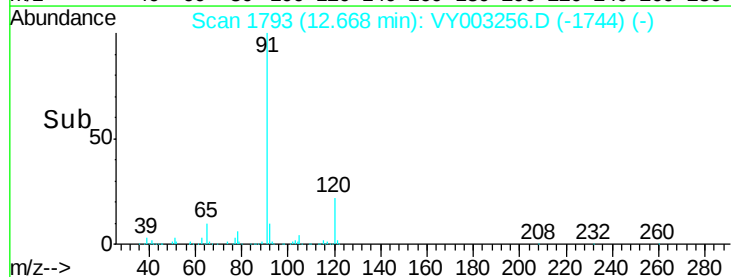
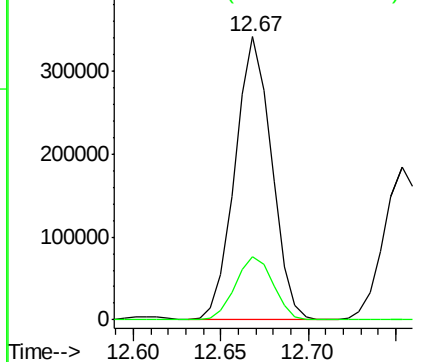
Acq: 21 Jul 2020 18:04

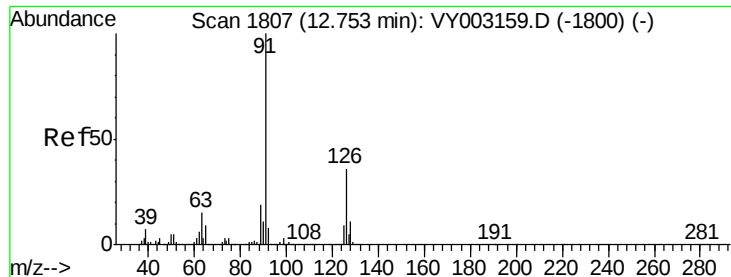
Tgt Ion:	91	Resp:	496275
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.726 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 91 Resp: 276573

Ion Ratio Lower Upper

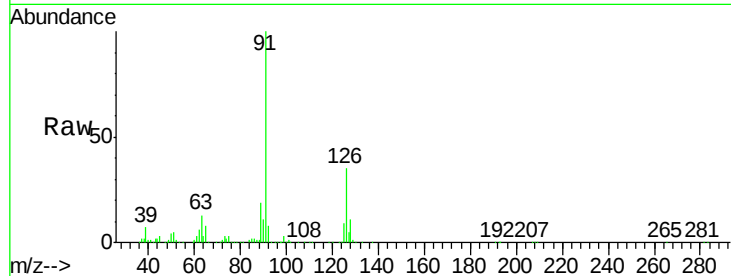
91 100

126 35.4 17.6 52.9

Manual Integrations
APPROVED

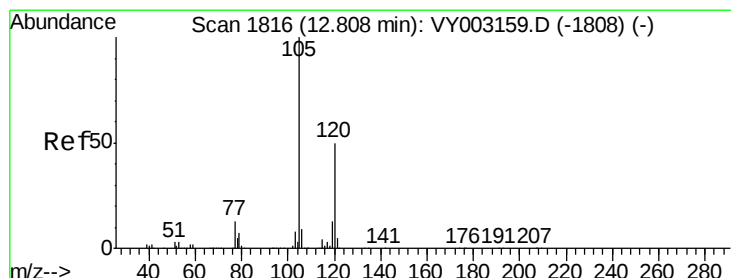
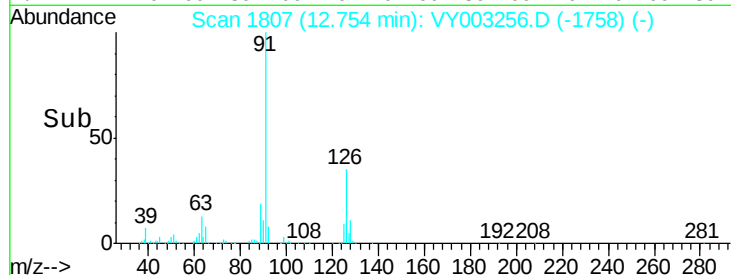
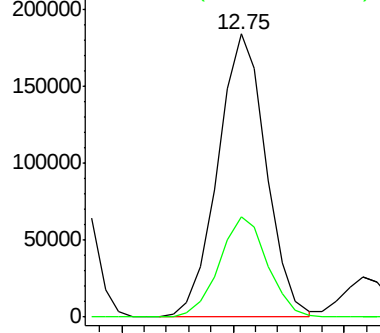
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.485 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003256.D

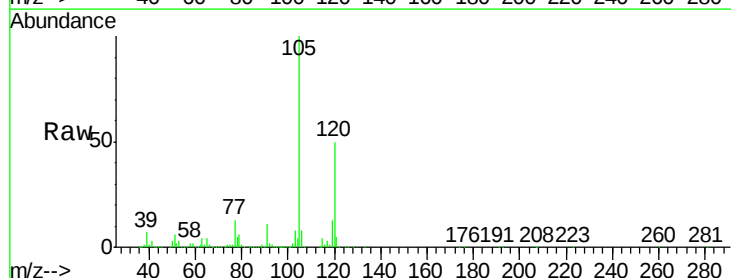
Acq: 21 Jul 2020 18:04

Tgt Ion: 105 Resp: 346430

Ion Ratio Lower Upper

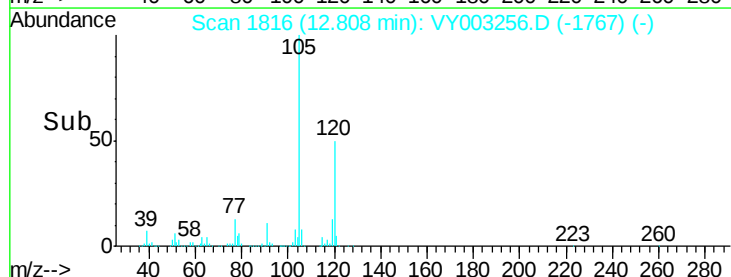
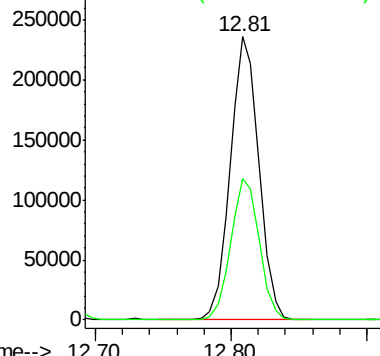
105 100

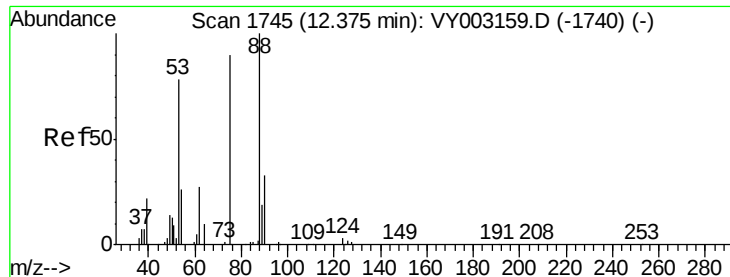
120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.887 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

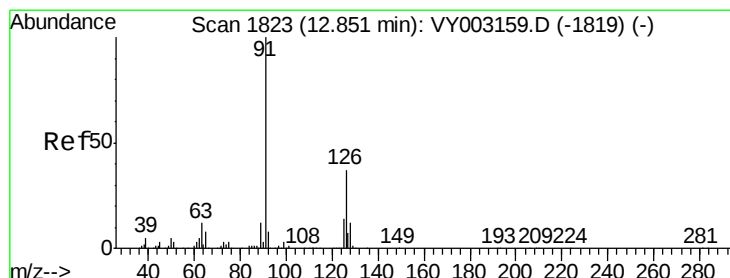
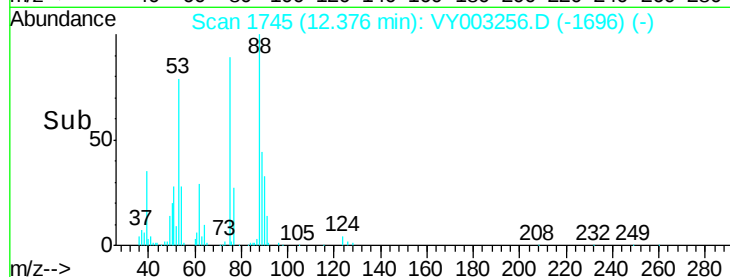
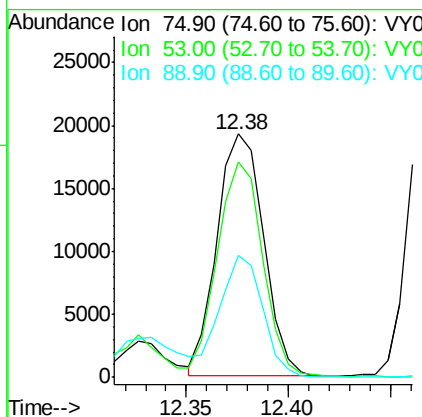
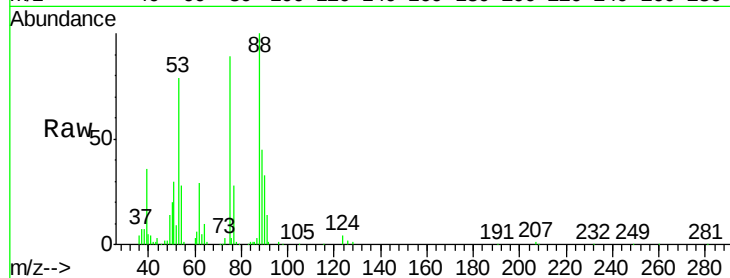
ClientSampleId :

VY0721SBS01

Tot Ion:	75	Resp:	30247
Ion	Ratio	Lower	Upper
75	100		
53	87.8	72.0	108.0
89	47.4	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.648 ug/l

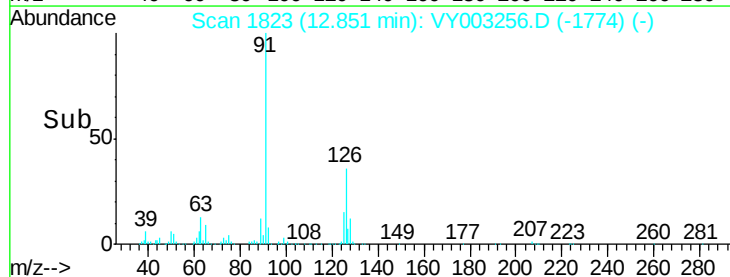
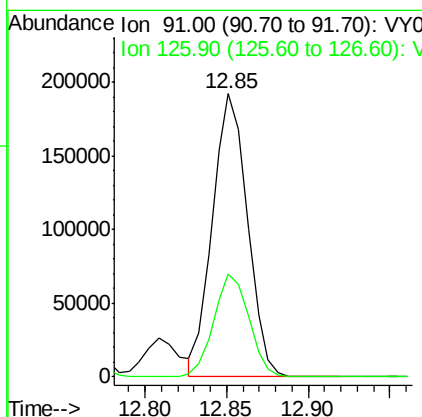
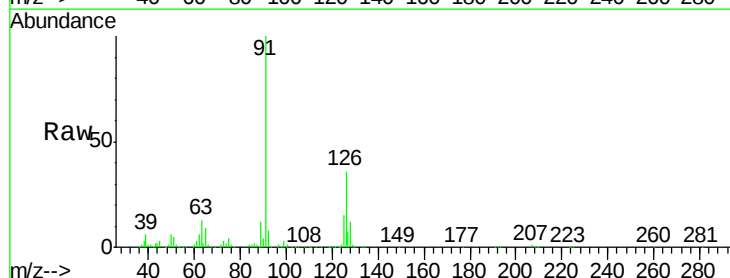
RT: 12.85 min Scan# 1823

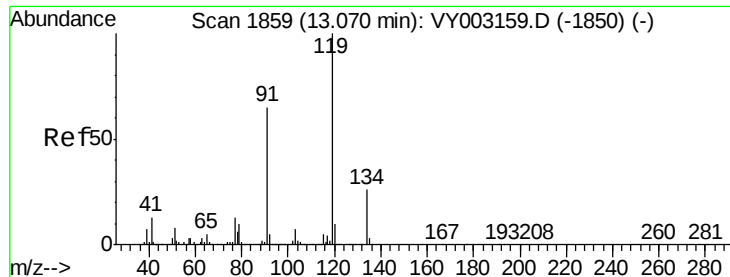
Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion:	91	Resp:	287589
Ion	Ratio	Lower	Upper
91	100		
126	36.8	17.9	53.7





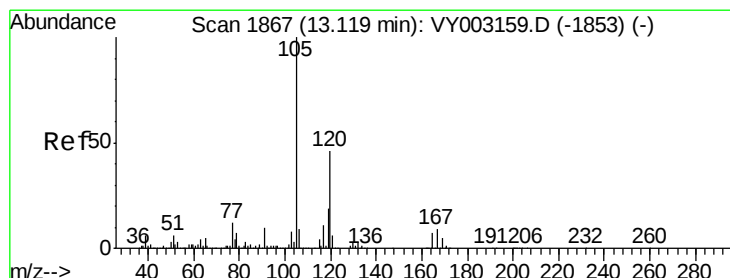
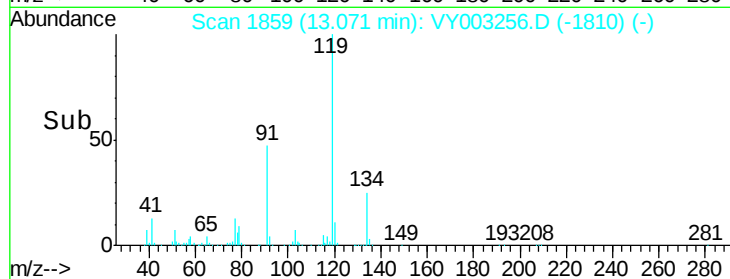
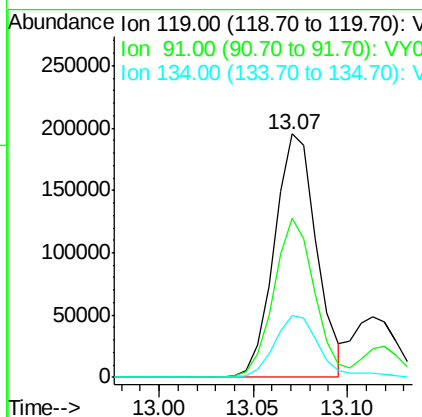
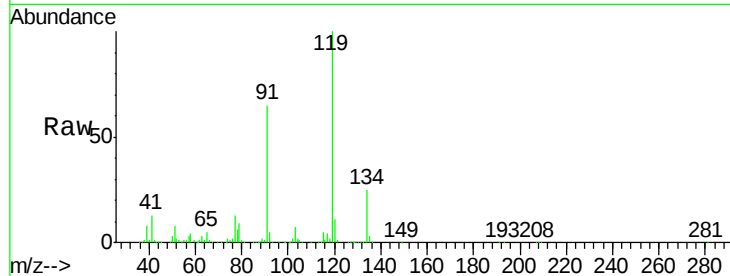
#83
tert-Butylbenzene
Concen: 20.267 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	30.8	92.4
134	27.7	13.2	39.6

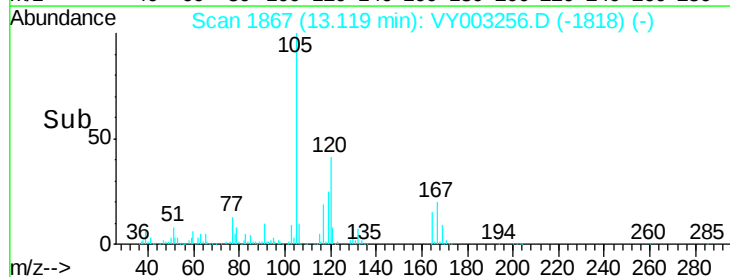
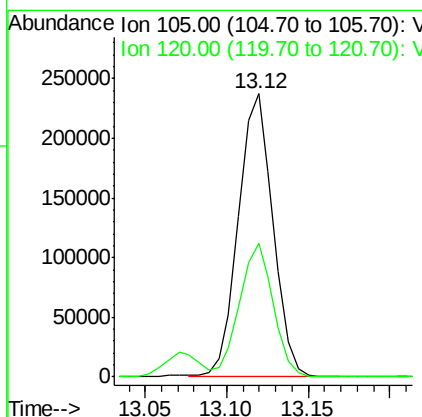
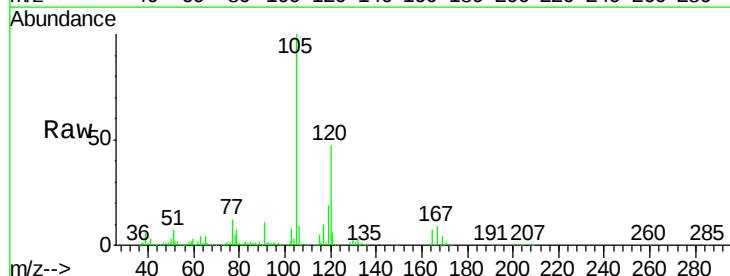
Manual Integrations
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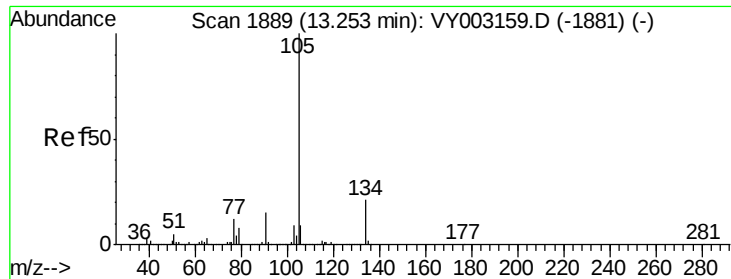
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#84
1,2,4-Trimethylbenzene
Concen: 20.537 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.5	67.5





#85

sec-Butylbenzene

Concen: 20.732 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion:105 Resp: 425189

Ion Ratio Lower Upper

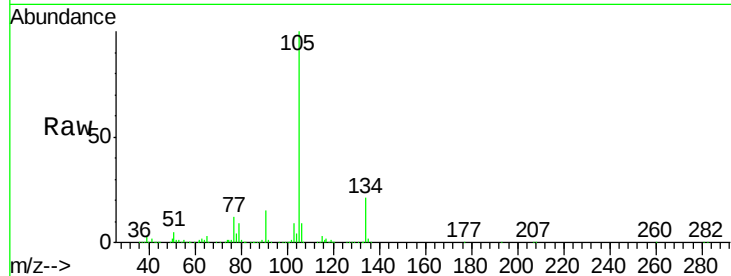
105 100

134 21.0 10.4 31.4

Manual Integrations
APPROVED

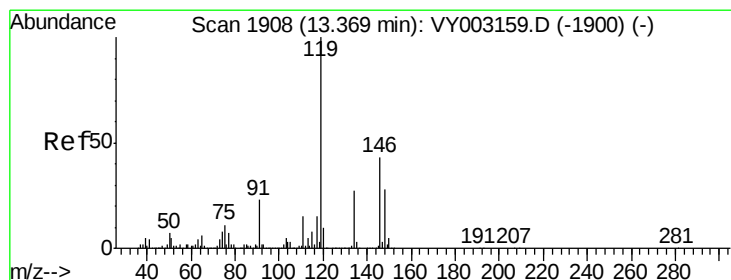
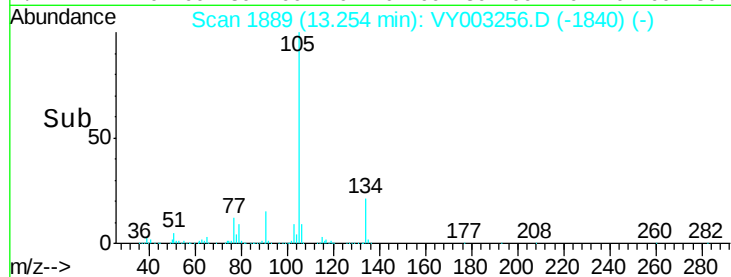
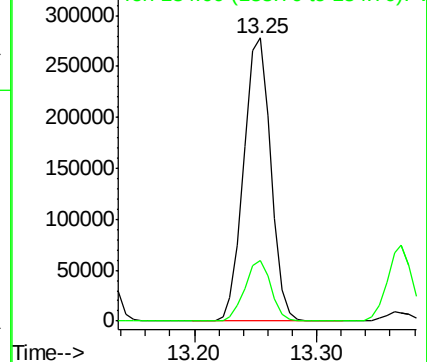
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.628 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

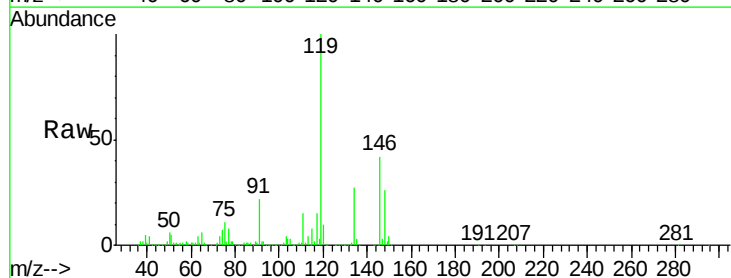
Tgt Ion:119 Resp: 395005

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

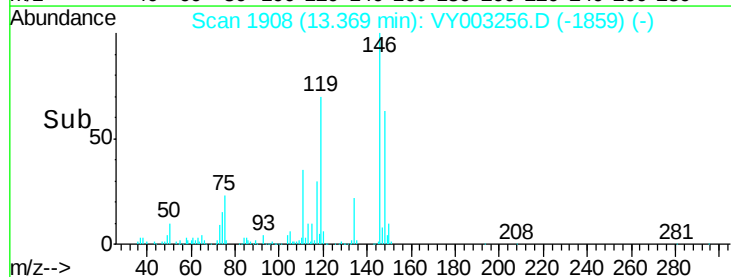
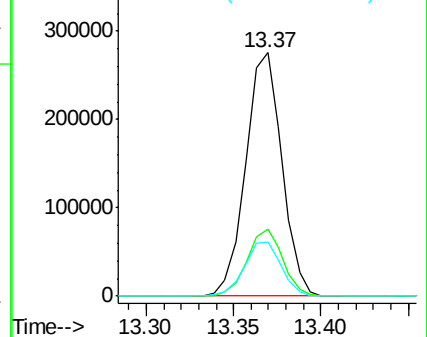
91 22.7 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





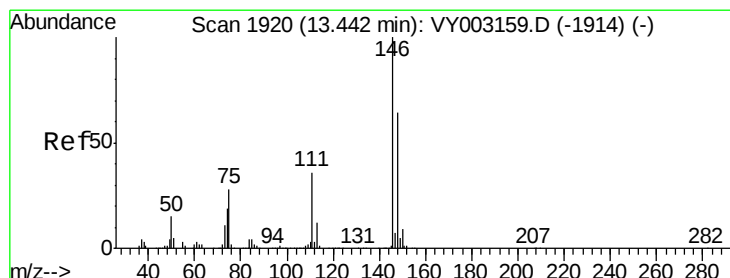
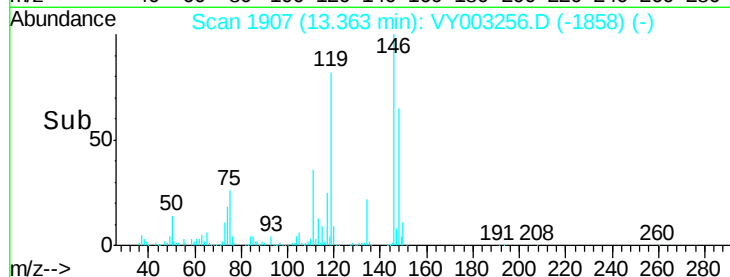
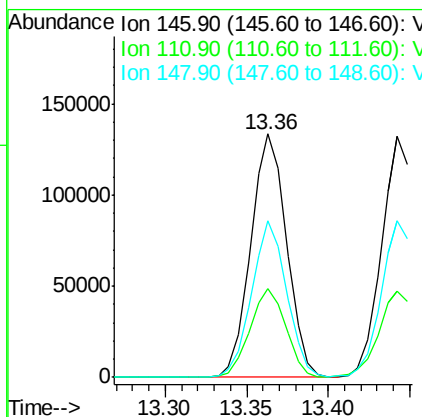
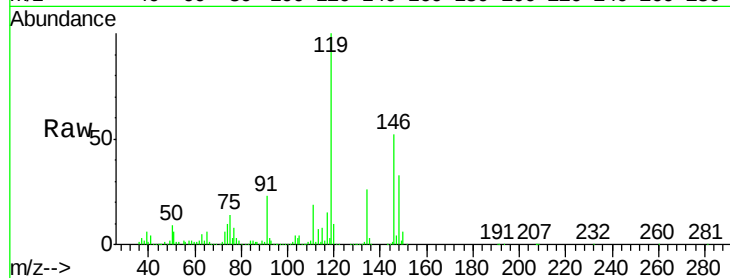
#87
 1,3-Dichlorobenzene
 Concen: 20.889 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.8	56.3
148	62.8	32.3	96.9

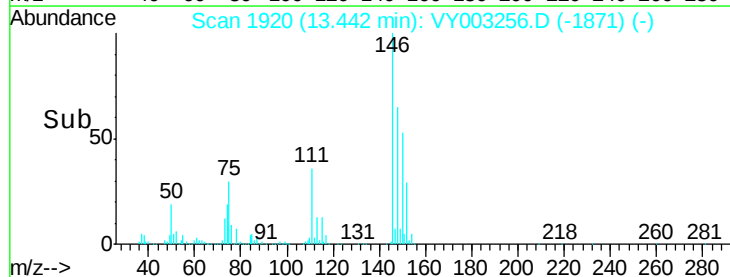
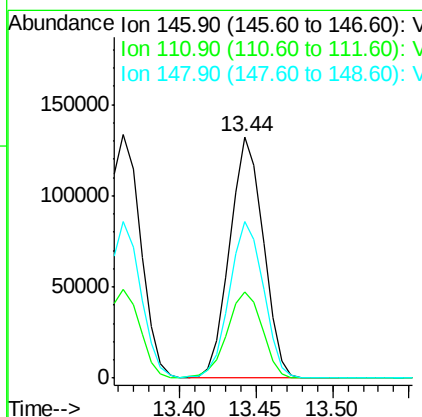
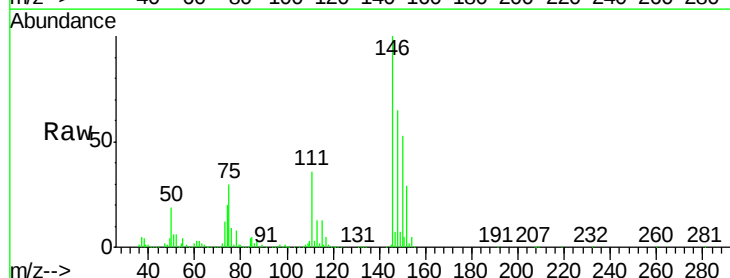
Manual Integrations
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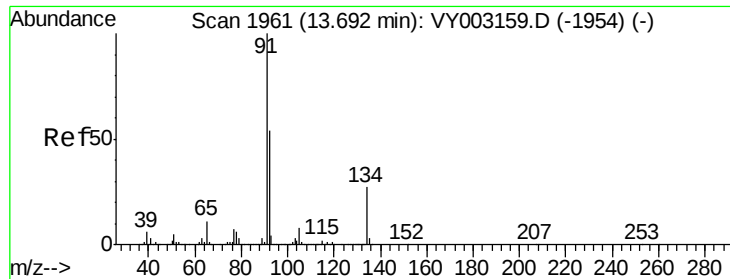
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#88
 1,4-Dichlorobenzene
 Concen: 20.819 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	65.8	32.0	96.0





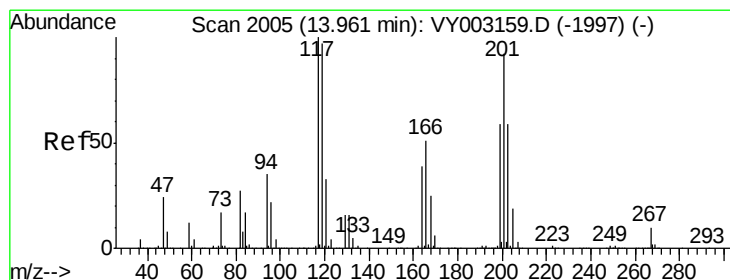
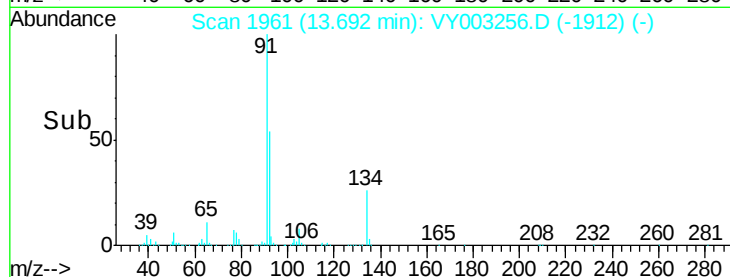
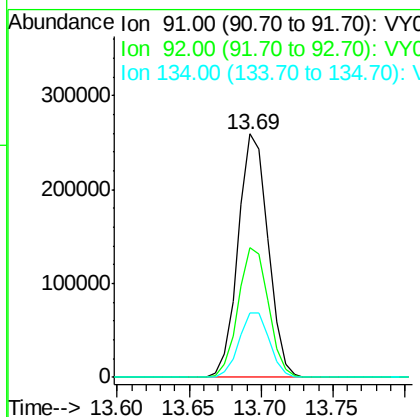
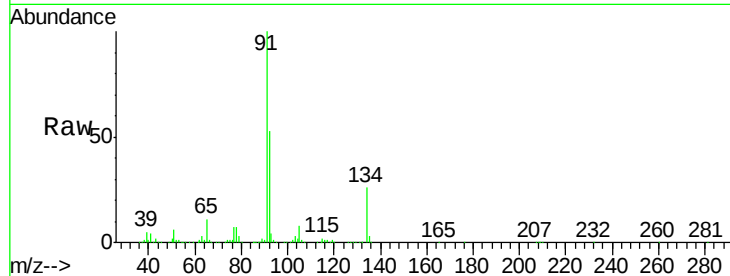
#89
n-Butylbenzene
Concen: 20.811 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.7
134	26.9	13.6	40.7

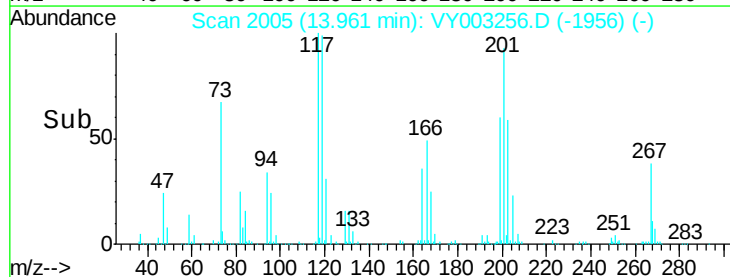
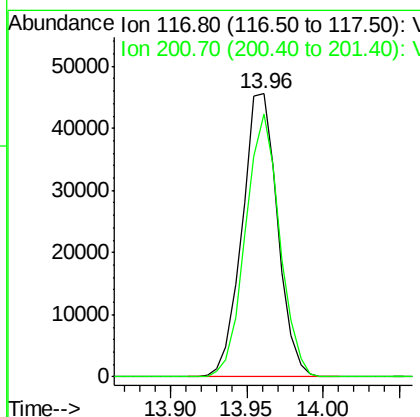
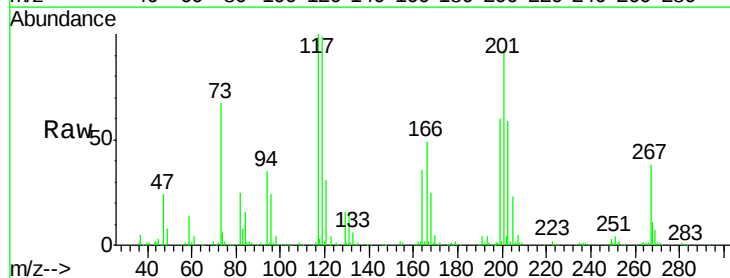
Manual Integrations
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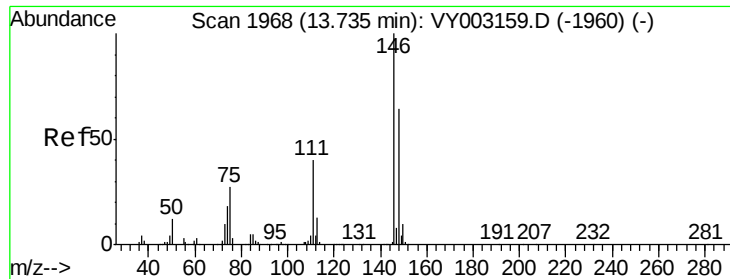
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#90
Hexachloroethane
Concen: 20.992 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.8	45.1	135.3





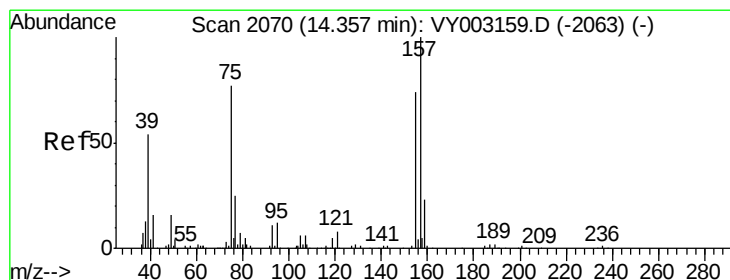
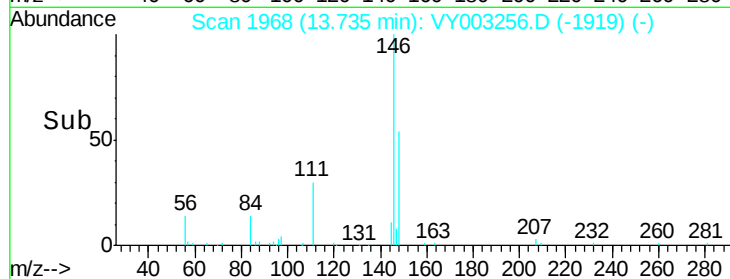
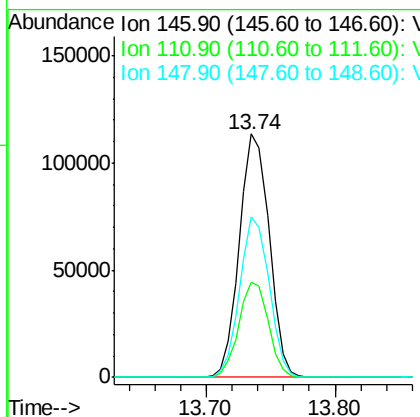
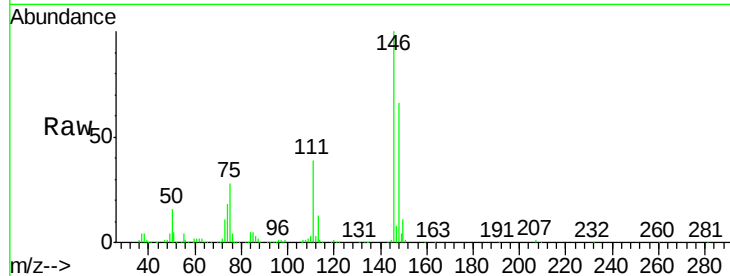
#91
 1,2-Dichlorobenzene
 Concen: 21.236 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	65.2	32.4	97.0

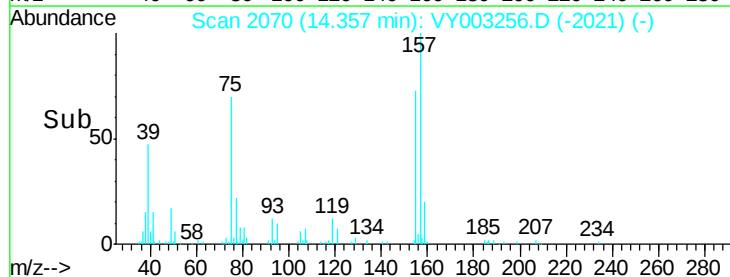
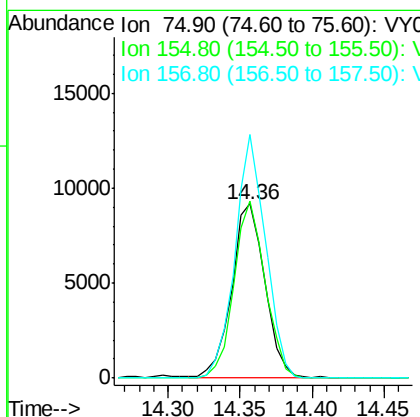
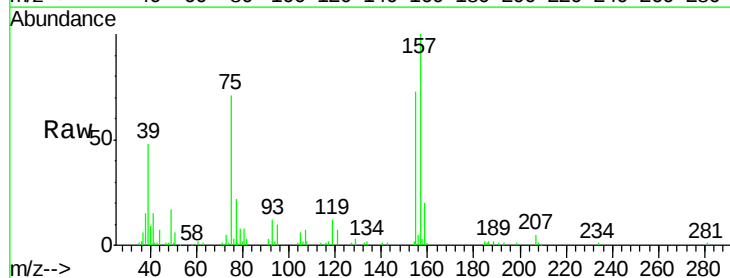
Manual Integrations
 APPROVED

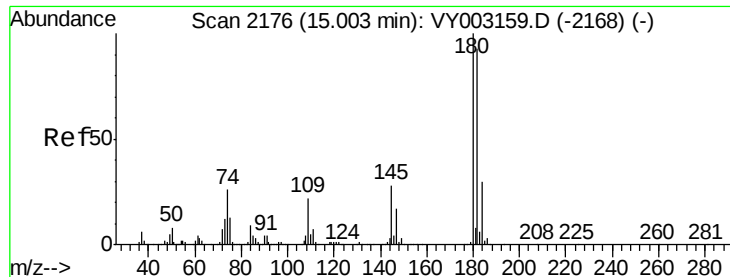
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.354 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	48.1	144.3
157	127.3	61.9	185.6





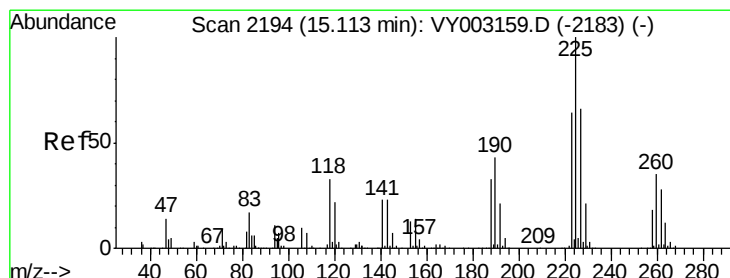
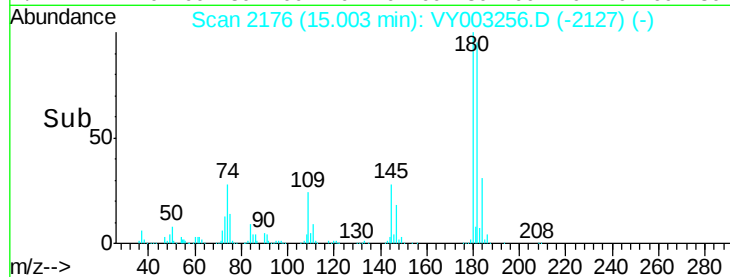
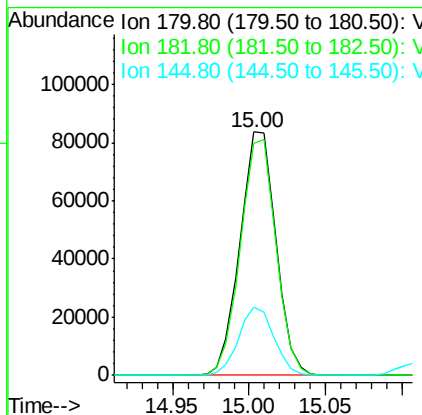
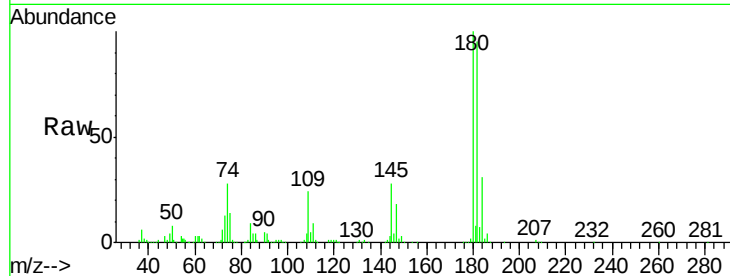
#93
 1,2,4-Trichlorobenzene
 Concen: 22.356 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136510		
182	95.9	47.3	142.0	
145	27.6	13.7	41.1	

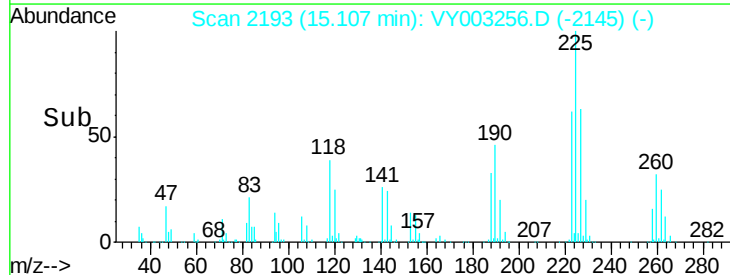
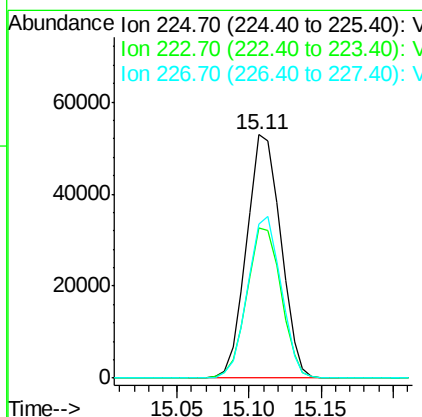
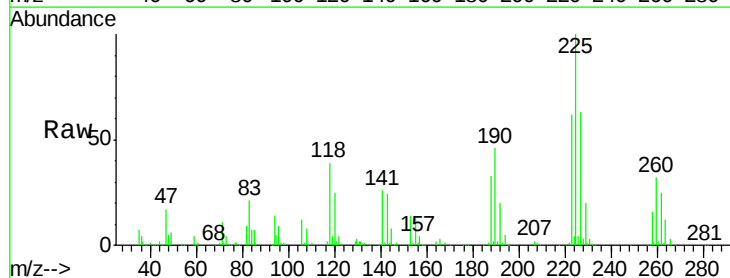
Manual Integrations
 APPROVED

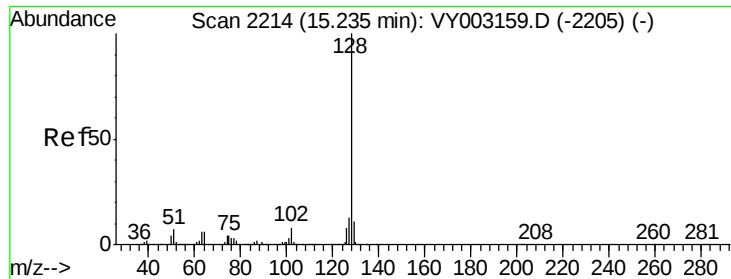
MMDadoda
 7/22/2020 2:43:25 PM



#94
 Hexachlorobutadiene
 Concen: 20.744 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86794		
223	61.9	31.6	94.7	
227	64.7	32.3	96.8	





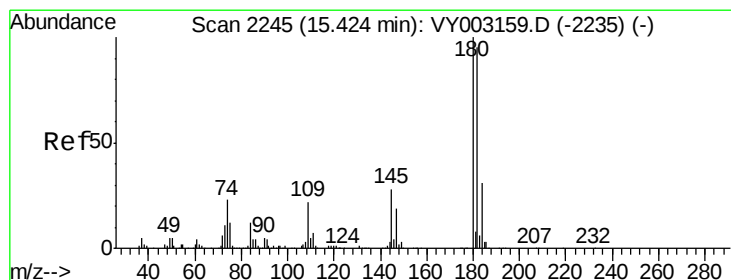
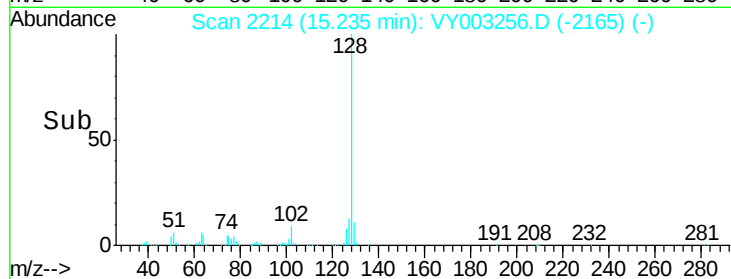
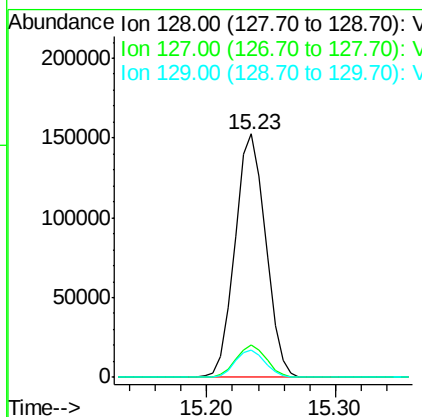
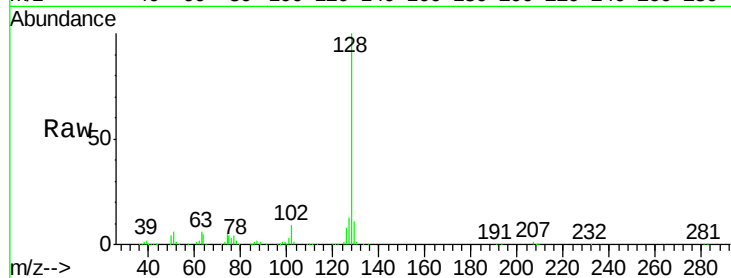
#95
Naphthalene
Concen: 24.971 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	251989		
127	13.1		10.9	16.3
129	10.9		9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/22/2020 2:43:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 24.507 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	118290		
182	95.8		48.8	146.3
145	29.7		14.9	44.5

