

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003255.D
 Acq On : 21 Jul 2020 17:41
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:43:23 PM

Quant Time: Jul 22 03:42:46 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	418949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	615879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	573299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	310016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	174970	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	7.72	113	165537	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	10.18	98	615951	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.48	95	217408	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	71165	23.700	ug/l	100
3) Chloromethane	2.12	50	95063	22.824	ug/l	96
4) Vinyl Chloride	2.26	62	97118	22.726	ug/l	98
5) Bromomethane	2.65	94	75431	23.764	ug/l	98
6) Chloroethane	2.79	64	62781	22.367	ug/l	98
7) Trichlorofluoromethane	3.13	101	135869	22.263	ug/l	98
8) Diethyl Ether	3.54	74	47279	23.119	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80894	21.947	ug/l	100
10) Methyl Iodide	4.10	142	75240	18.789	ug/l	97
11) Tert butyl alcohol	4.97	59	46063	120.470	ug/l	98
12) 1,1-Dichloroethene	3.88	96	75772	21.735	ug/l	93
13) Acrolein	3.74	56	28677	86.408	ug/l	97
14) Allyl chloride	4.49	41	127124	24.575	ug/l	94
15) Acrylonitrile	5.18	53	119949	122.104	ug/l	100
16) Acetone	3.96	43	98271	124.417	ug/l	98
17) Carbon Disulfide	4.20	76	240126	22.447	ug/l	100
18) Methyl Acetate	4.49	43	55652	25.371	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	222336	22.758	ug/l	99
20) Methylene Chloride	4.72	84	100157	22.141	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	86174	21.854	ug/l	99
22) Diisopropyl ether	6.13	45	276862	24.115	ug/l	97
23) Vinyl Acetate	6.07	43	898613	117.432	ug/l	99
24) 1,1-Dichloroethane	6.02	63	150720	22.660	ug/l	99
25) 2-Butanone	6.99	43	160866	124.042	ug/l	100
26) 2,2-Dichloropropane	6.99	77	135774	22.667	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	95560	22.011	ug/l	99
28) Bromochloromethane	7.35	49	66043	22.934	ug/l	95
29) Tetrahydrofuran	7.36	42	103706	119.036	ug/l	96
30) Chloroform	7.52	83	153805	22.452	ug/l	98
31) Cyclohexane	7.79	56	143398	22.295	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	137166	22.241	ug/l	98
36) 1,1-Dichloropropene	7.93	75	118920	21.305	ug/l	99
37) Ethyl Acetate	7.08	43	71333	23.730	ug/l	97
38) Carbon Tetrachloride	7.91	117	126735	21.993	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	147151	20.985	ug/l	95
40) Benzene	8.16	78	339920	22.116	ug/l	97
41) Methacrylonitrile	7.33	41	36891m	20.377	ug/l	
42) 1,2-Dichloroethane	8.24	62	104598	22.106	ug/l	99
43) Isopropyl Acetate	8.28	43	131948	22.677	ug/l	99
44) Trichloroethene	8.94	130	98333	20.870	ug/l	97
45) 1,2-Dichloropropane	9.22	63	90217	22.685	ug/l	97
46) Dibromomethane	9.31	93	51022	21.966	ug/l	99
47) Bromodichloromethane	9.50	83	122853	22.238	ug/l	100
48) Methyl methacrylate	9.30	41	60028	23.077	ug/l	96
49) 1,4-Dioxane	9.30	88	13216	448.301	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	352362	116.510	ug/l	97
52) Toluene	10.24	92	213687	21.752	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	126380	22.080	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	148479	22.514	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	72409	21.999	ug/l	96
56) Ethyl methacrylate	10.51	69	99778	22.297	ug/l	97
57) 1,3-Dichloropropane	10.79	76	127001	22.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	254108	111.343	ug/l	98
59) 2-Hexanone	10.83	43	245408	116.242	ug/l	99
60) Dibromochloromethane	10.99	129	90584	21.881	ug/l	99
61) 1,2-Dibromoethane	11.09	107	68788	21.175	ug/l	98
64) Tetrachloroethene	10.72	164	105503	20.639	ug/l	97
65) Chlorobenzene	11.52	112	235179	21.294	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	89704	20.912	ug/l	99
67) Ethyl Benzene	11.59	91	422248	21.413	ug/l	97
68) m/p-Xylenes	11.70	106	319170	42.657	ug/l	99
69) o-Xylene	12.03	106	150360	21.511	ug/l	99
70) Styrene	12.04	104	257957	21.573	ug/l	99
71) Bromoform	12.20	173	59591	21.166	ug/l	# 100
73) Isopropylbenzene	12.33	105	409090	20.707	ug/l	100
74) N-amyl acetate	12.14	43	122412	22.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	83943	22.000	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	72793m	26.526	ug/l	
77) Bromobenzene	12.61	156	105806	21.010	ug/l	99
78) n-propylbenzene	12.67	91	490253	21.052	ug/l	99
79) 2-Chlorotoluene	12.75	91	270501	20.819	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	349952	21.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	29835	21.159	ug/l	98
82) 4-Chlorotoluene	12.85	91	284078	20.947	ug/l	100
83) tert-Butylbenzene	13.07	119	306168	21.073	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	349391	21.089	ug/l	100
85) sec-Butylbenzene	13.25	105	421793	21.122	ug/l	100
86) p-Isopropyltoluene	13.37	119	389755	20.903	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	199290	20.927	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	201872	21.411	ug/l	100
89) n-Butylbenzene	13.69	91	372868	21.260	ug/l	99
90) Hexachloroethane	13.96	117	73291	21.585	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	183787	21.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14532	23.492	ug/l	98

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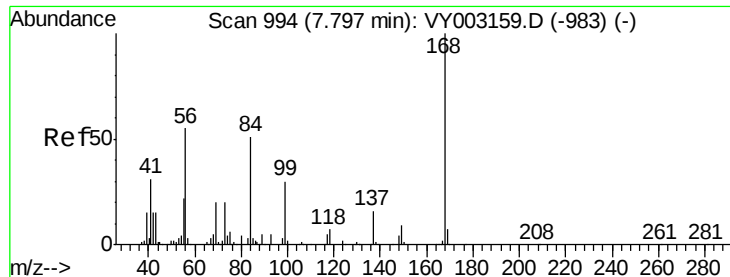
Manual Integrations
APPROVED

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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	136290	22.924	ug/l	99
94) Hexachlorobutadiene	15.11	225	86338	21.193	ug/l	99
95) Naphthalene	15.23	128	245261	24.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	115712	24.621	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion:168 Resp: 418949

Ion Ratio Lower Upper

168 100

99 49.3

37.3

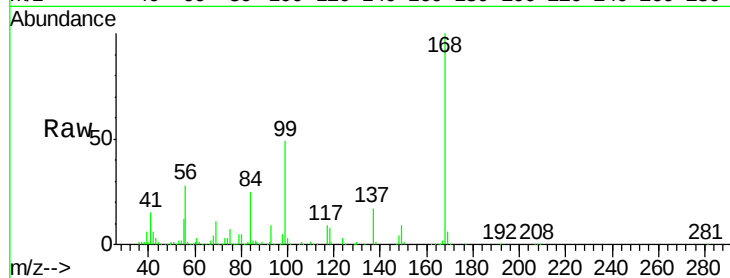
55.9

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

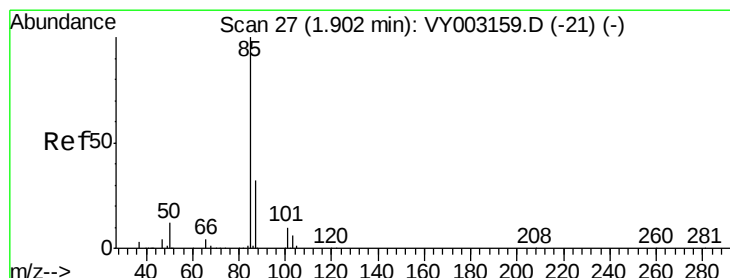
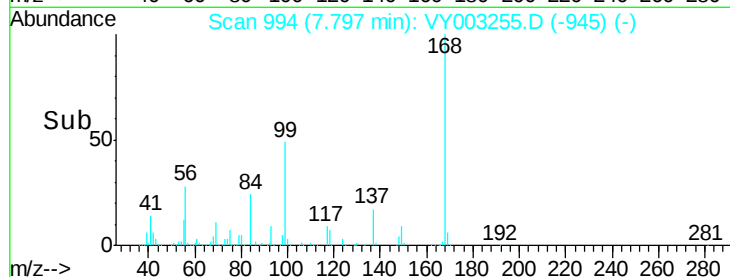
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.700 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion: 85 Resp: 71165

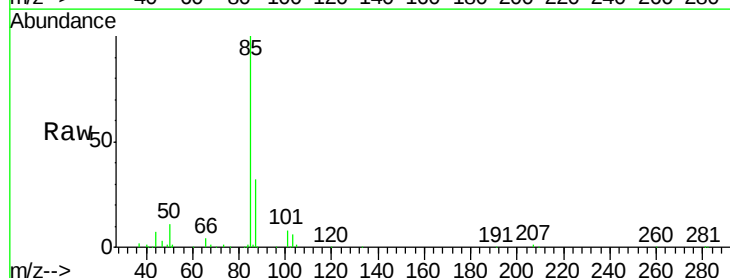
Ion Ratio Lower Upper

85 100

87 31.6

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) (-)

1.90

50000

40000

30000

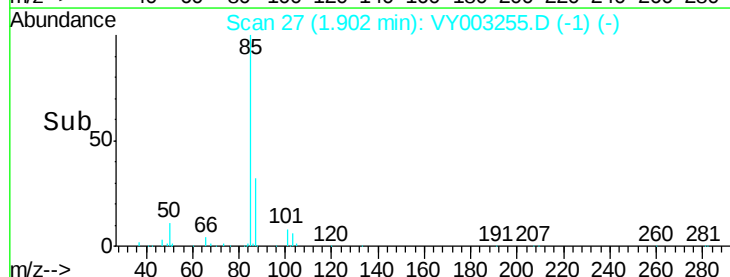
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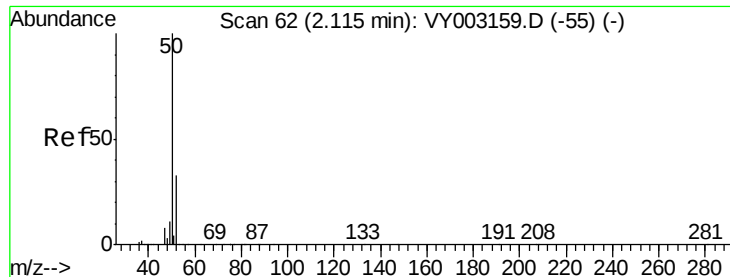
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.824 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 50 Resp: 95063

Ion Ratio Lower Upper

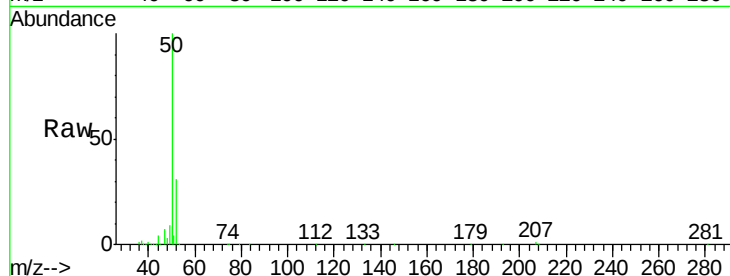
50 100

52 31.2 26.6 39.8

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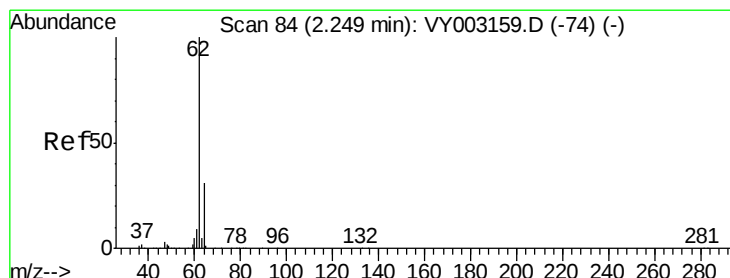
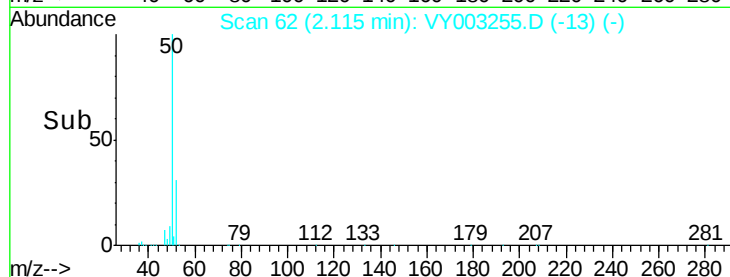
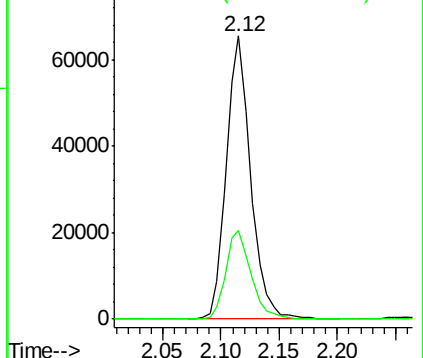
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.726 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003255.D

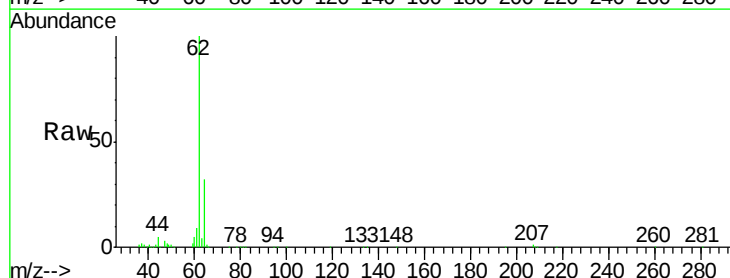
Acq: 21 Jul 2020 17:41

Tgt Ion: 62 Resp: 97118

Ion Ratio Lower Upper

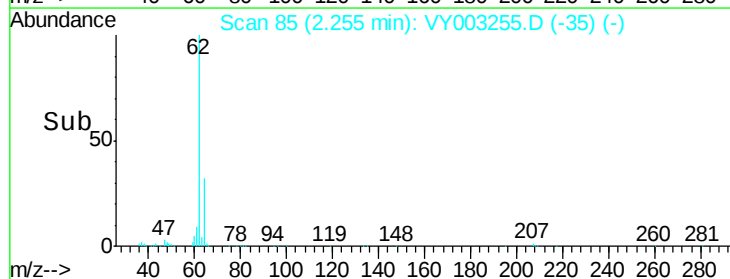
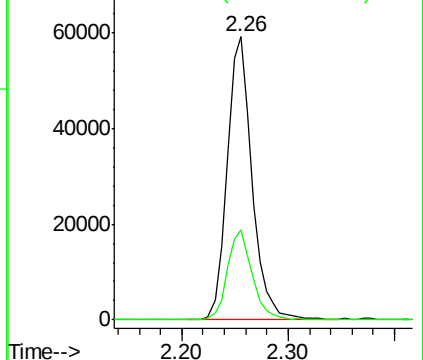
62 100

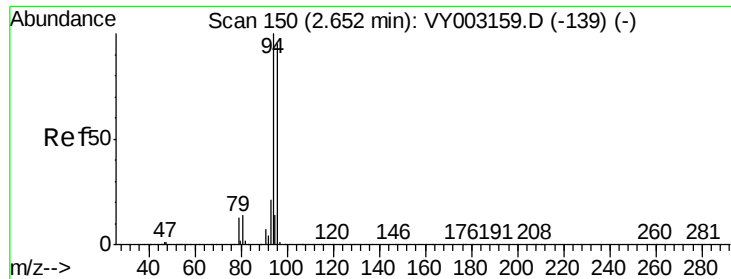
64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.764 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 94 Resp: 75431

Ion Ratio Lower Upper

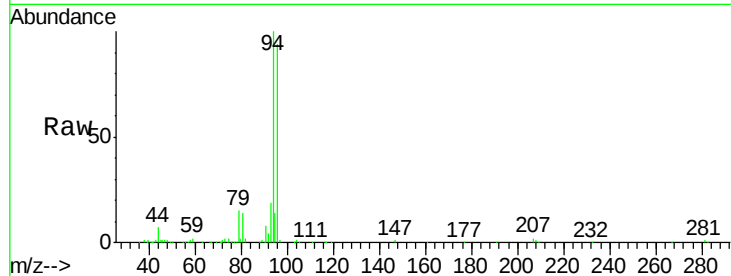
94 100

96 93.0 76.0 114.0

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

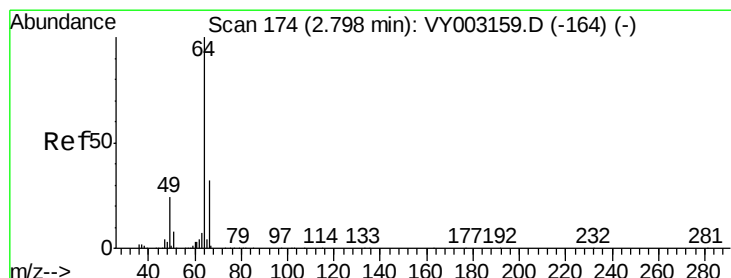
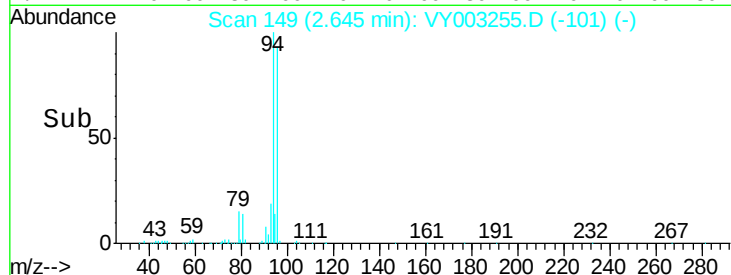
20000

10000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 22.367 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003255.D

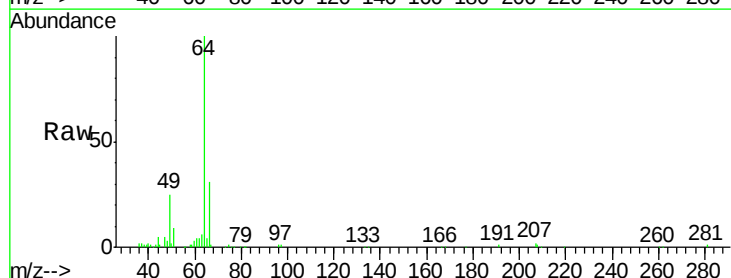
Acq: 21 Jul 2020 17:41

Tgt Ion: 64 Resp: 62781

Ion Ratio Lower Upper

64 100

66 31.4 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

25000

20000

15000

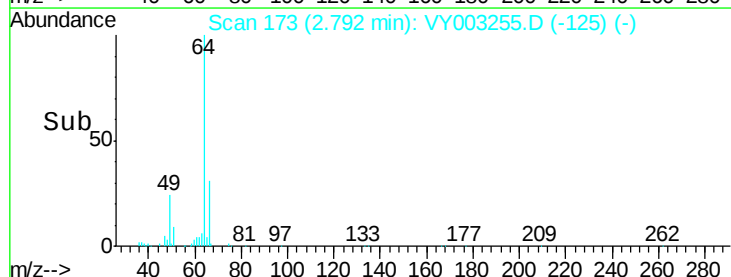
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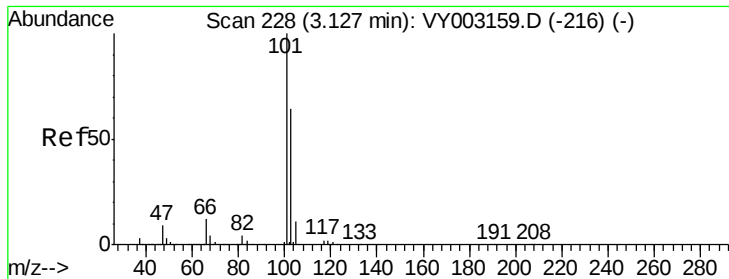
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Time-->

2.70 2.80 2.90





#7

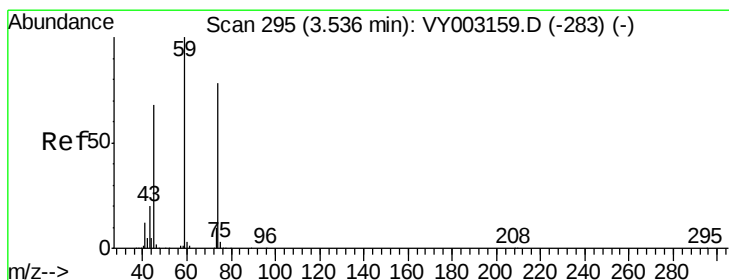
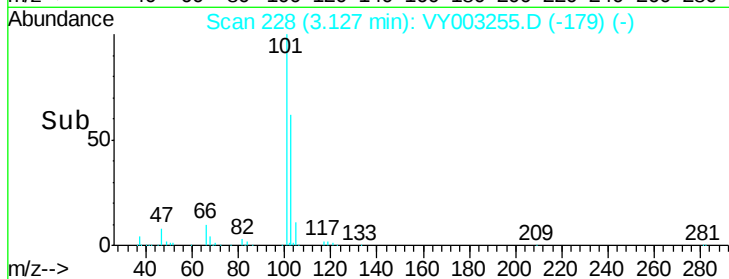
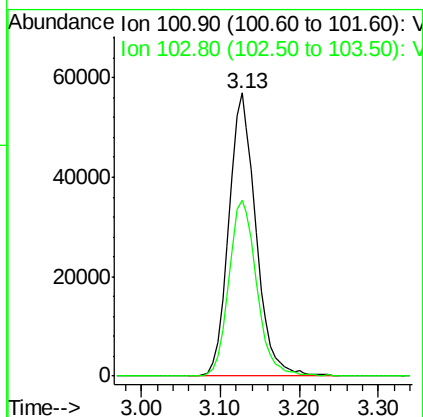
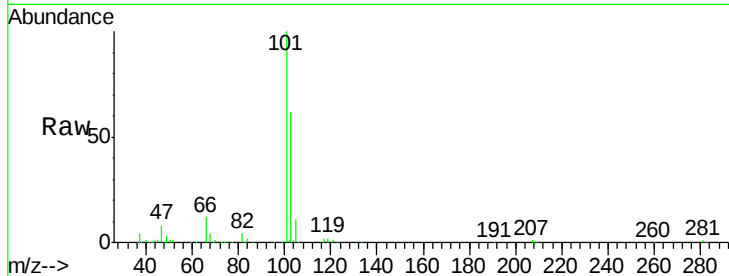
Trichlorofluoromethane
Concen: 22.263 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

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ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	135869		
103	62.2	51.3	76.9	

Manual Integrations
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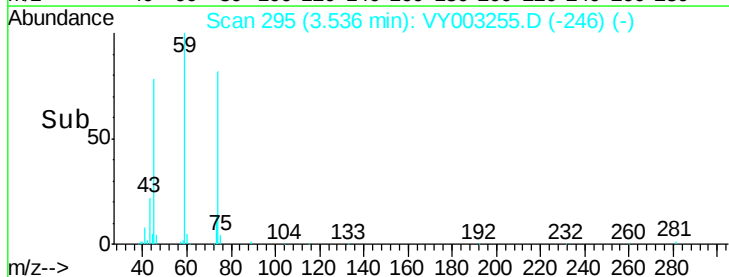
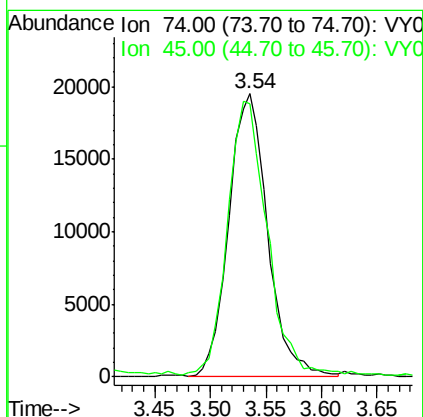
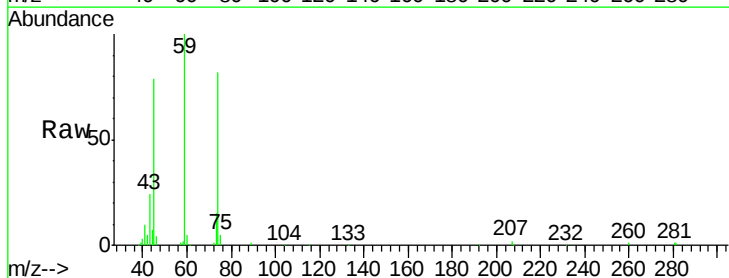
MMDadoda
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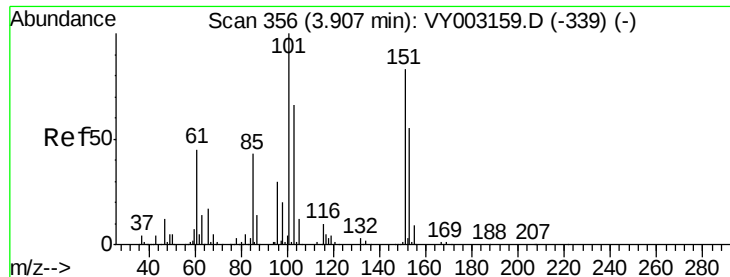


#8

Diethyl Ether
Concen: 23.119 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	47279		
45	98.6	45.3	135.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.947 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

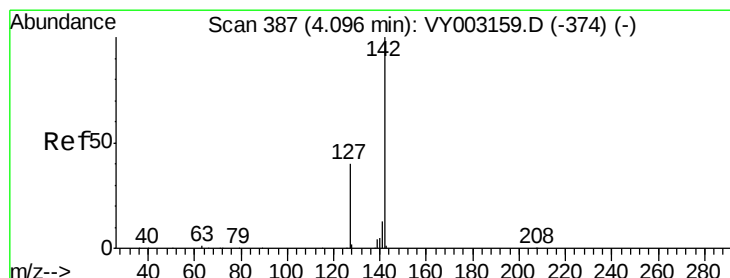
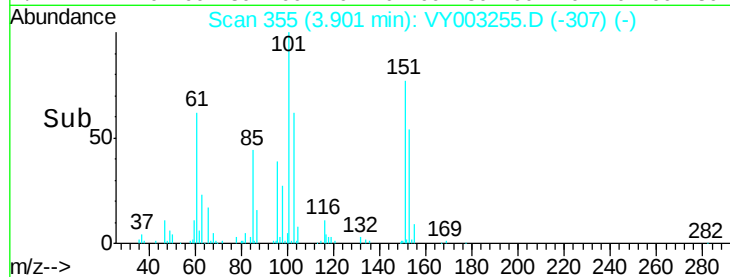
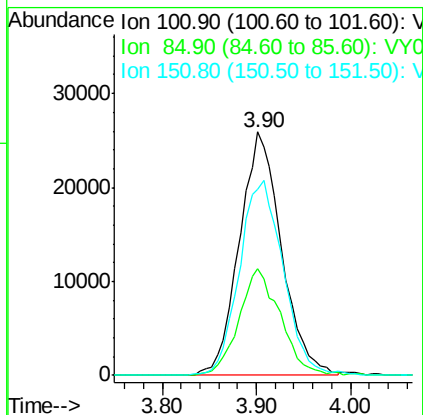
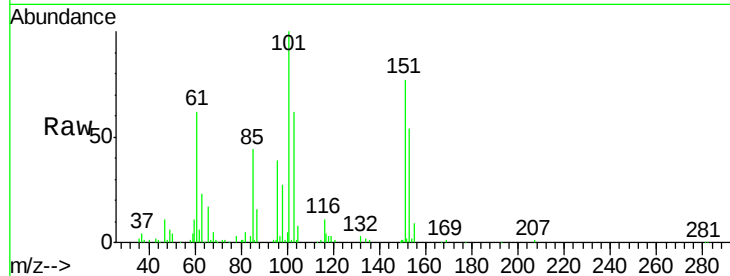
ClientSampleId :

VY0721SBS01

Tot Ion:	101	Resp:	80894
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.9	52.3
151	83.5	67.0	100.6

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#10

Methyl Iodide

Concen: 18.789 ug/l

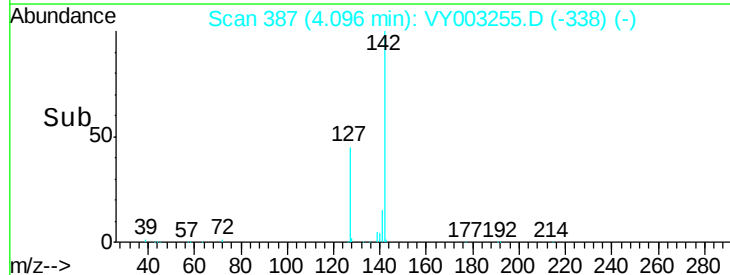
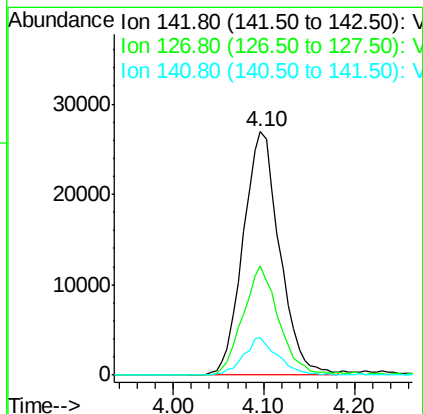
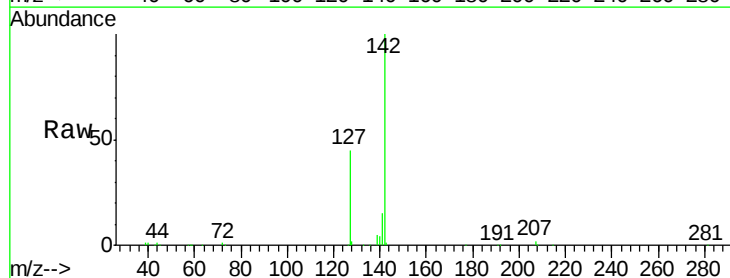
RT: 4.10 min Scan# 387

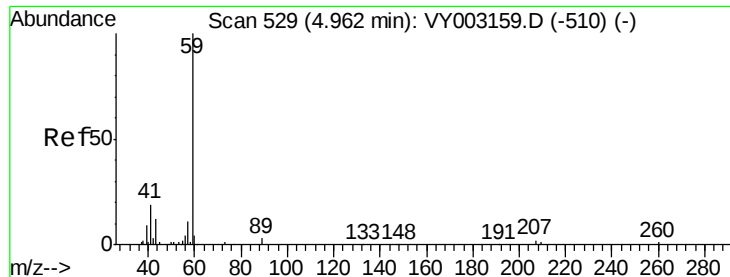
Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion:	142	Resp:	75240
Ion Ratio	Lower	Upper	
142	100		
127	44.1	33.5	50.3
141	14.5	11.2	16.8





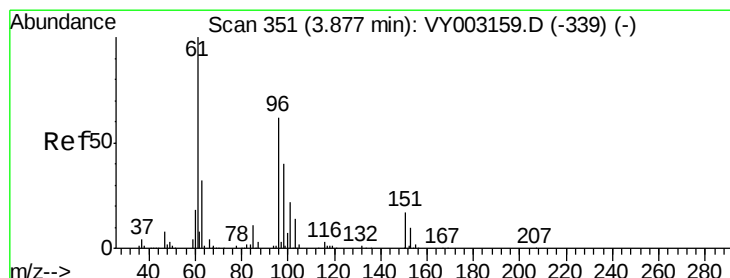
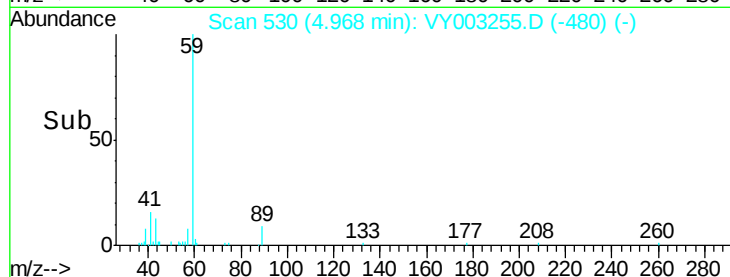
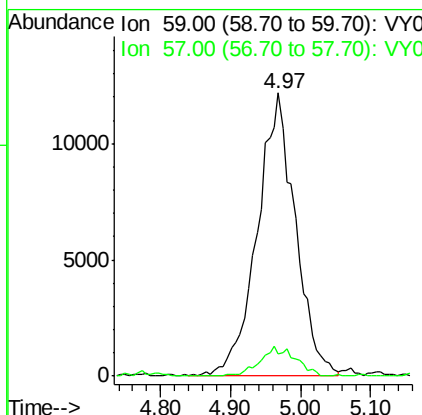
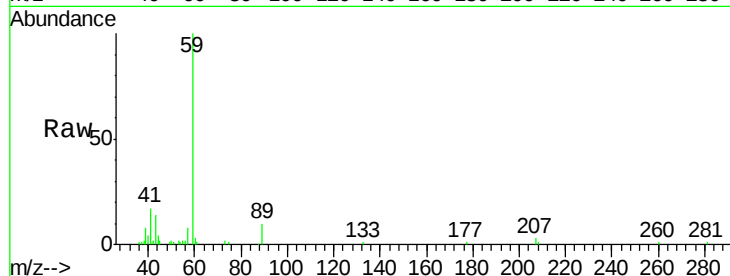
#11
Tert butyl alcohol
Concen: 120.470 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

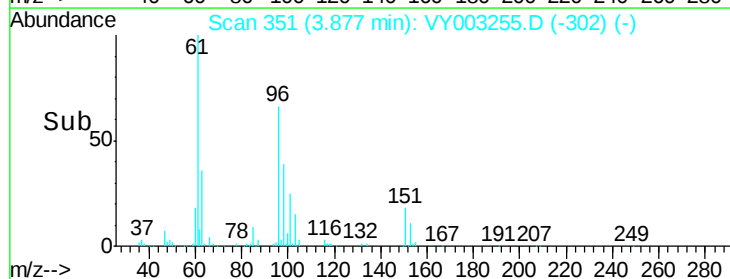
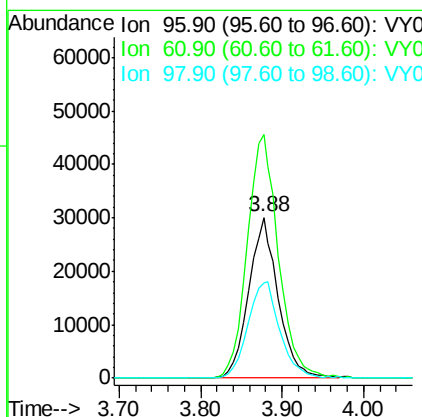
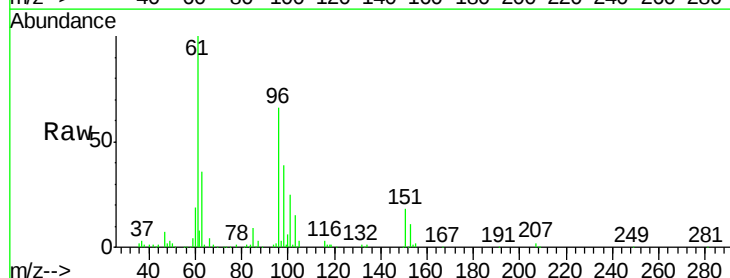
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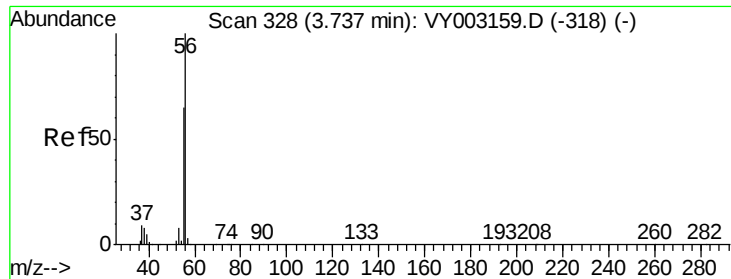
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.735 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	128.6	193.0
98	58.9	51.6	77.4





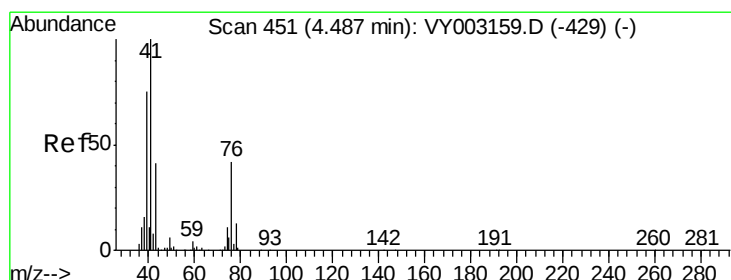
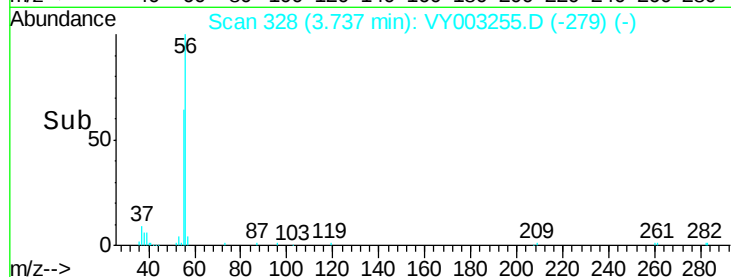
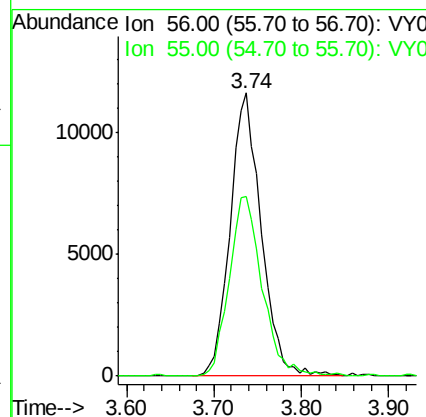
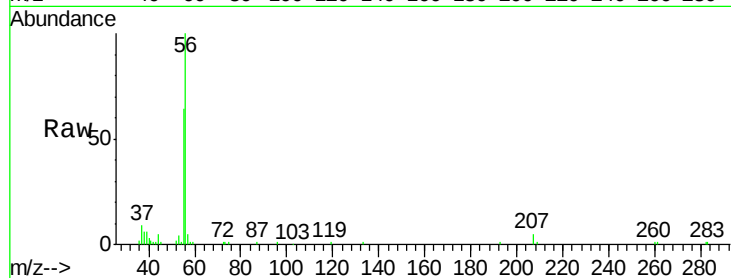
#13
Acrolein
Concen: 86.408 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	56	Resp	28677
Ion Ratio	100	Lower	Upper
55	67.5	56.0	84.0

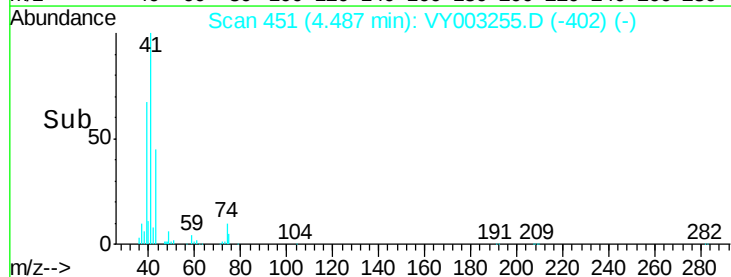
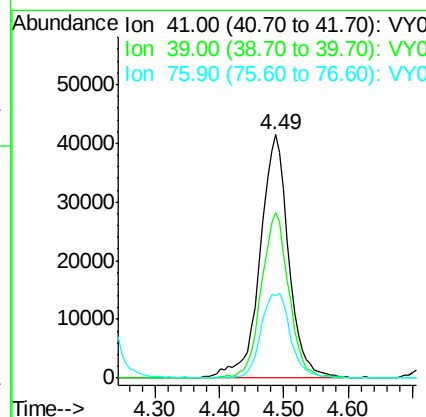
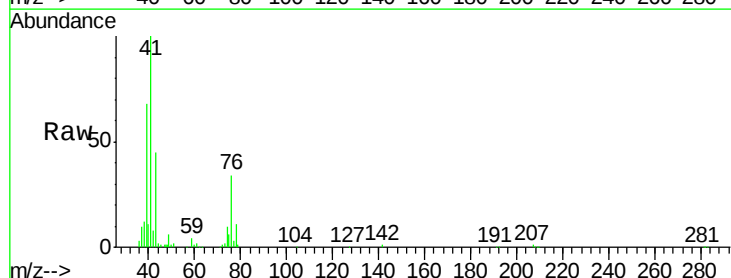
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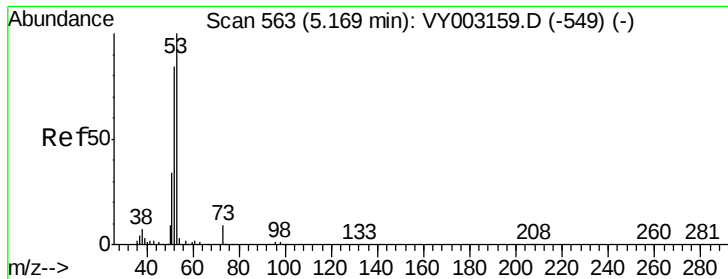
MMDadoda
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#14
Allyl chloride
Concen: 24.575 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	41	Resp	127124
Ion Ratio	100	Lower	Upper
39	65.6	56.6	85.0
76	35.9	31.6	47.4





#15

Acrylonitrile

Concen: 122.104 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

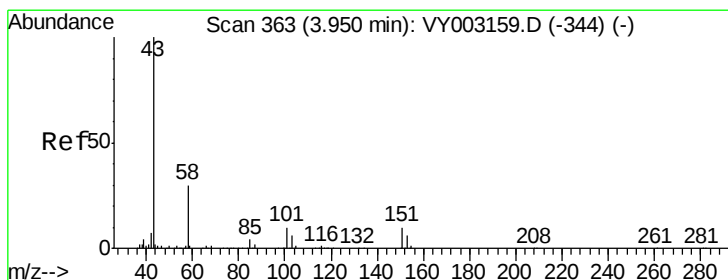
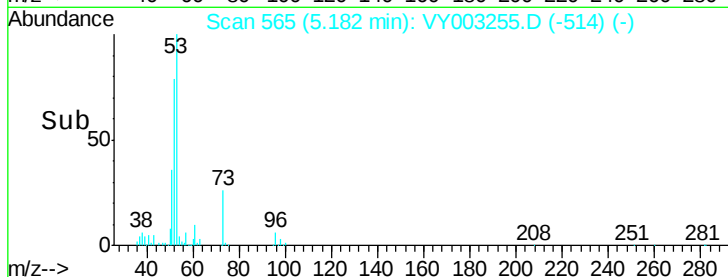
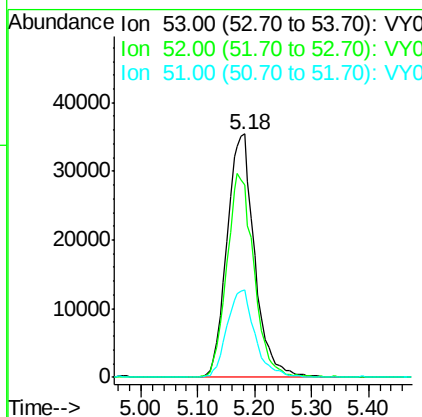
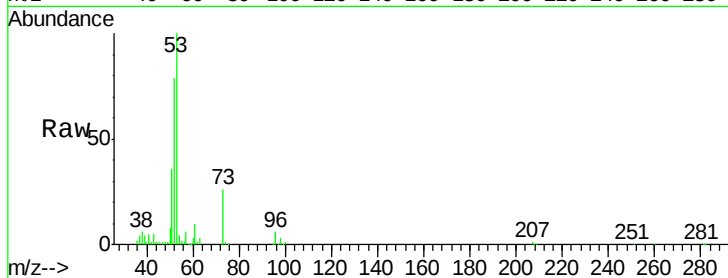
ClientSampleId :

VY0721SBS01

Tot Ion:	53	Resp:	119949
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.8	98.6
51	36.6	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 124.417 ug/l

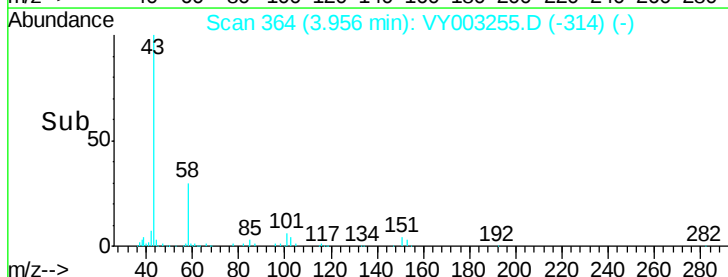
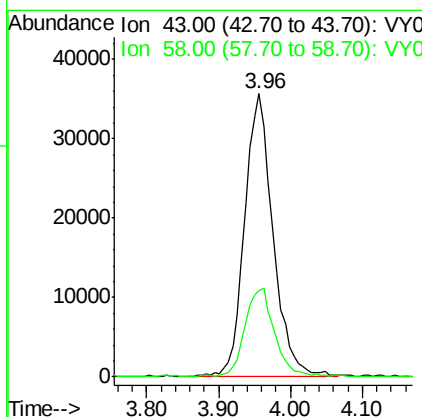
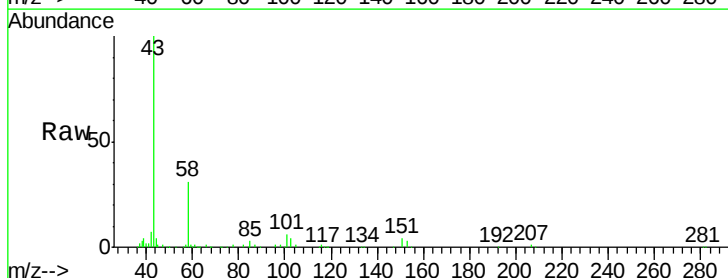
RT: 3.96 min Scan# 364

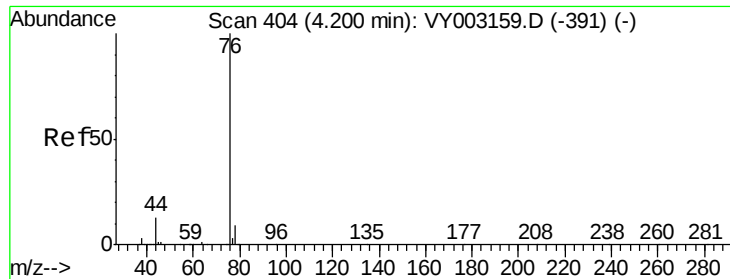
Delta R.T. 0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion:	43	Resp:	98271
Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.8	35.6





#17

Carbon Disulfide

Concen: 22.447 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 76 Resp: 240126

Ion Ratio Lower Upper

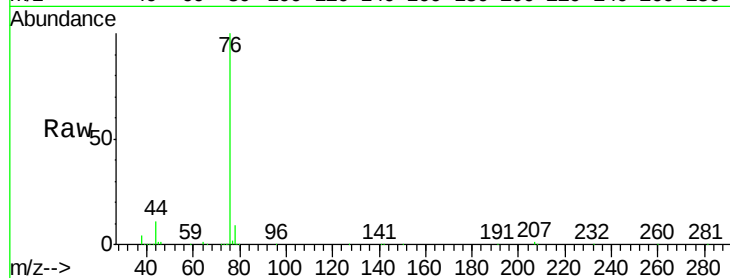
76 100

78 9.2 7.3 10.9

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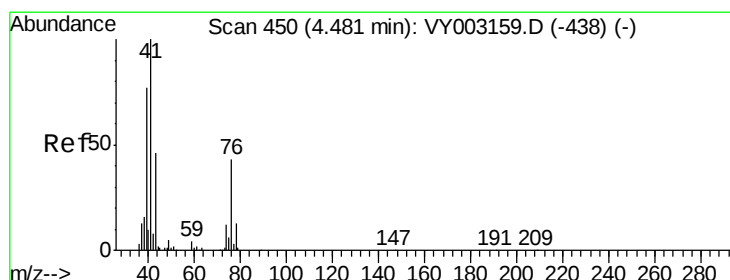
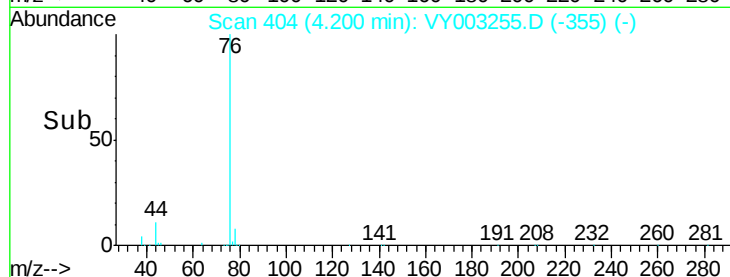
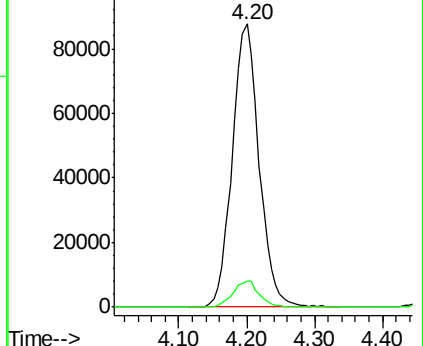
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.371 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003255.D

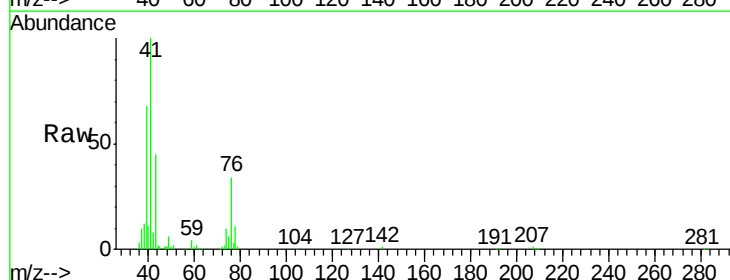
Acq: 21 Jul 2020 17:41

Tgt Ion: 43 Resp: 55652

Ion Ratio Lower Upper

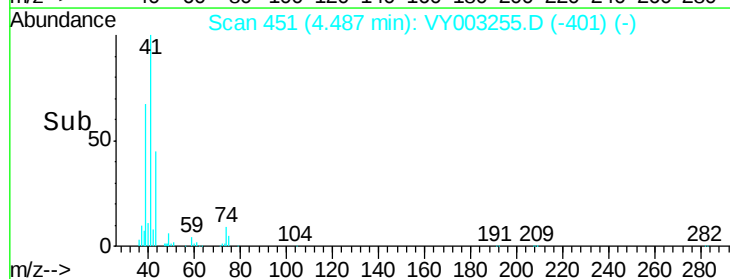
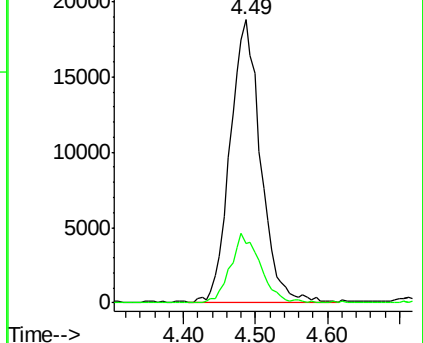
43 100

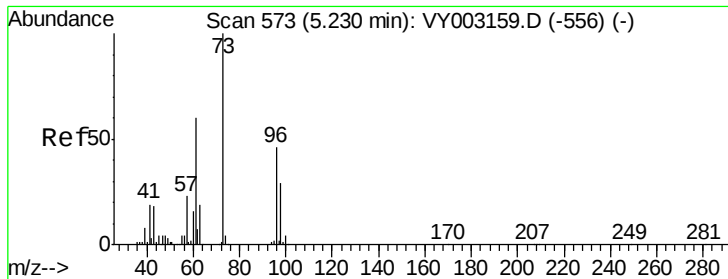
74 23.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





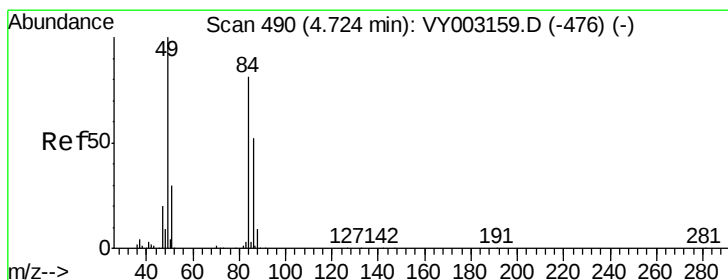
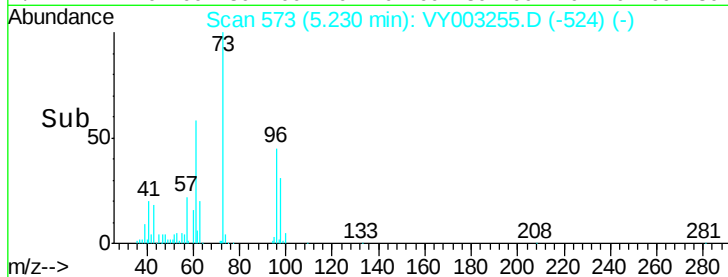
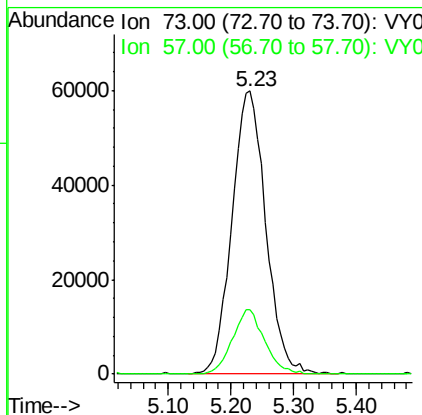
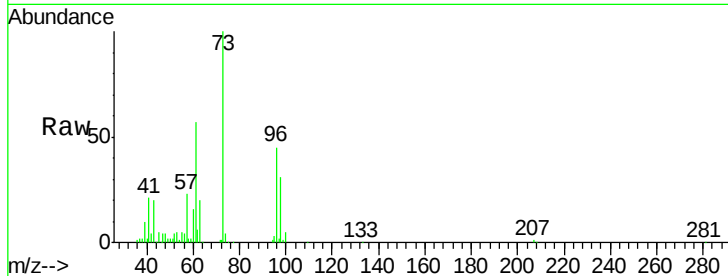
#19
Methvl tert-butvl Ether
Concen: 22.758 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	23.0	18.1	27.1

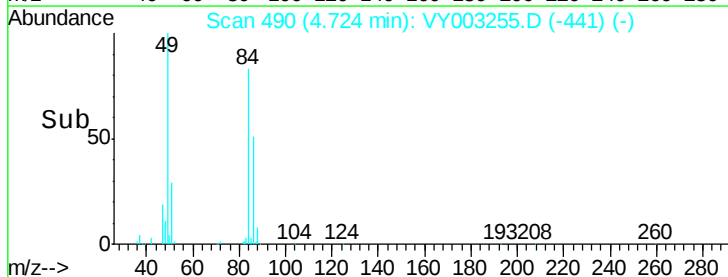
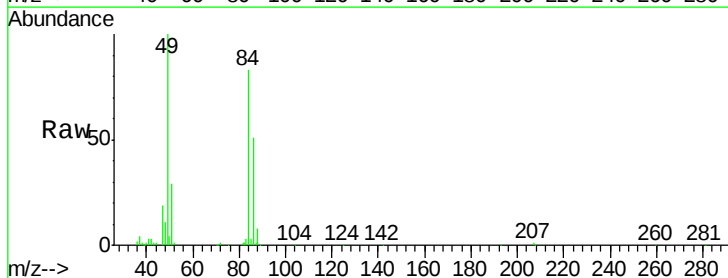
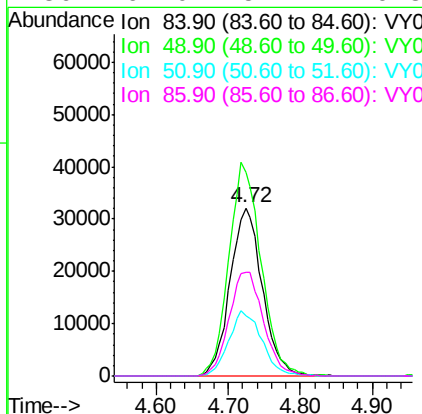
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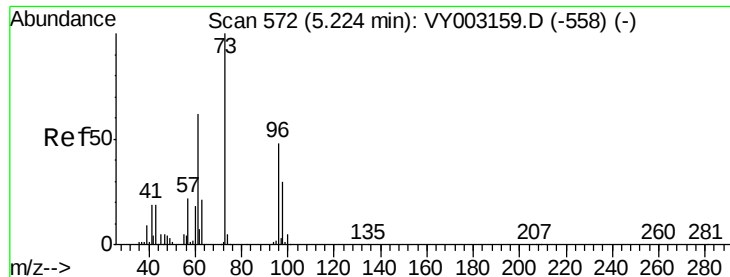
MMDadoda
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#20
Methylene Chloride
Concen: 22.141 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	120.8	98.2	147.4
51	51	35.6	29.8	44.6
86	86	62.0	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 21.854 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

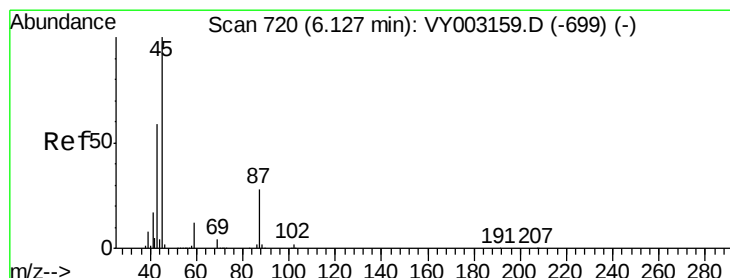
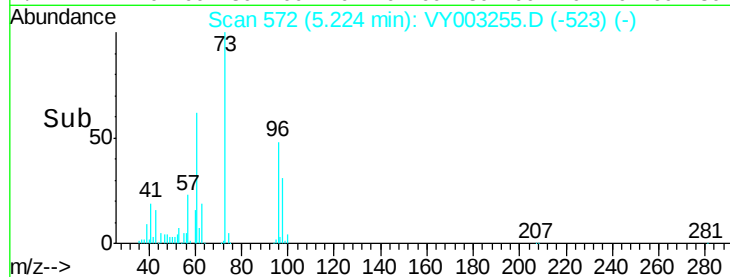
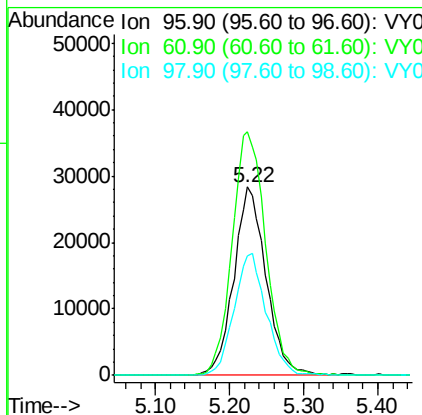
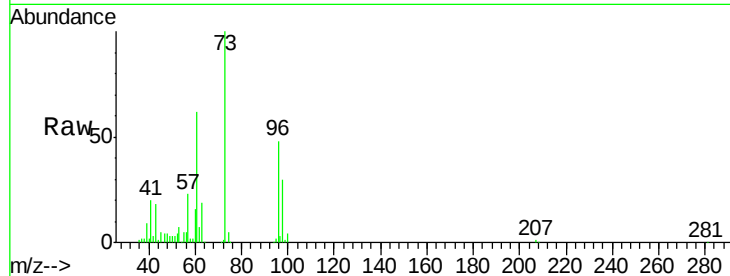
ClientSampleId :

VY0721SBS01

Tot Ion:	96	Resp:	86174
Ion	Ratio	Lower	Upper
96	100		
61	129.5	102.5	153.7
98	63.8	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 24.115 ug/l

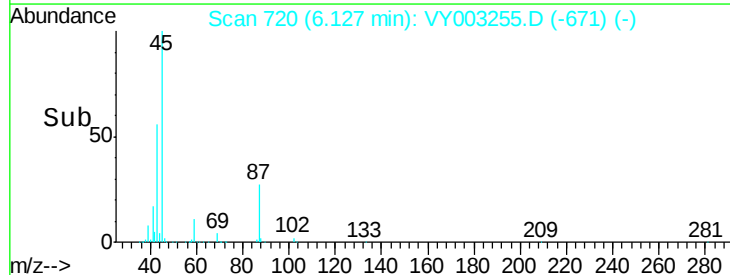
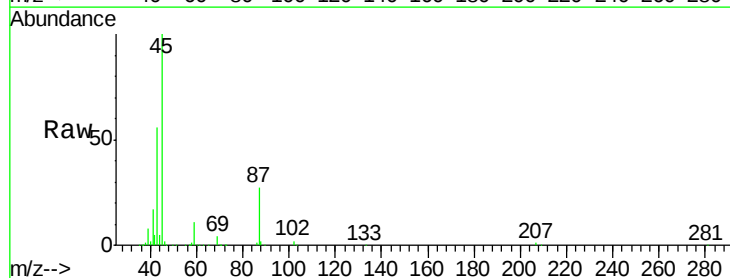
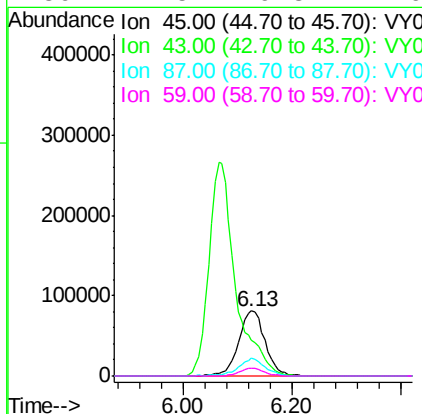
RT: 6.13 min Scan# 720

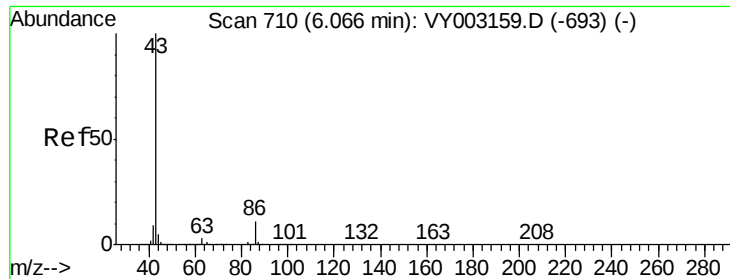
Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion:	45	Resp:	276862
Ion	Ratio	Lower	Upper
45	100		
43	55.6	47.0	70.4
87	26.7	22.6	33.8
59	11.5	9.8	14.6





#23

Vinyl Acetate

Concen: 117.432 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 43 Resp: 898613

Ion Ratio Lower Upper

43 100

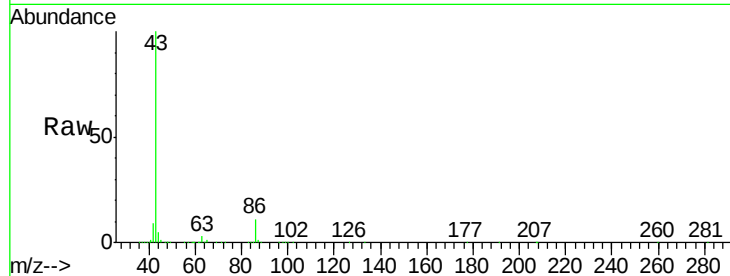
86 10.6 8.8 13.2

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

250000

200000

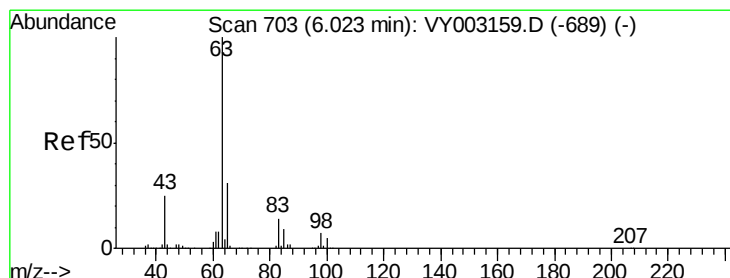
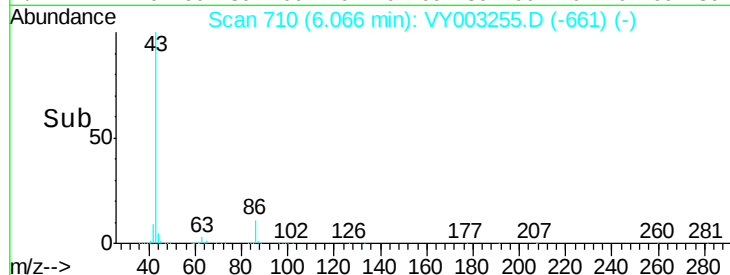
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.660 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

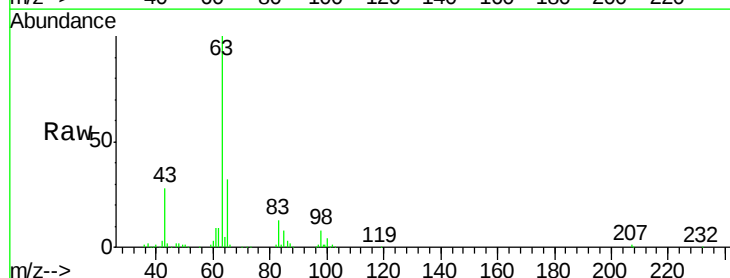
Tgt Ion: 63 Resp: 150720

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.2 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

6.02

60000

50000

40000

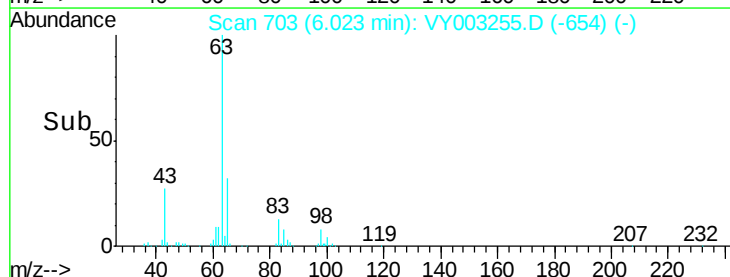
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 124.042 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 43 Resp: 160866

Ion Ratio Lower Upper

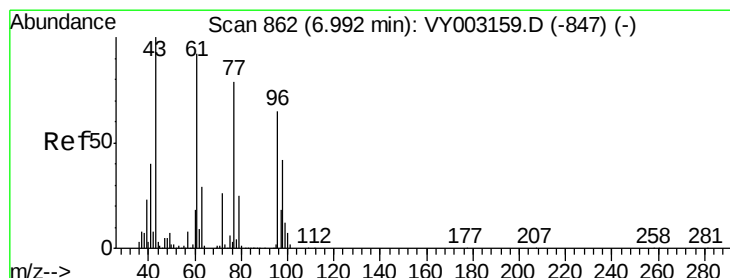
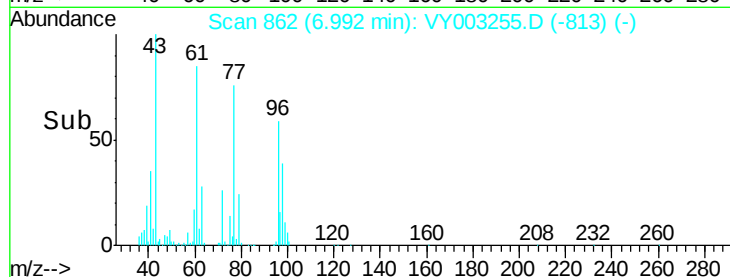
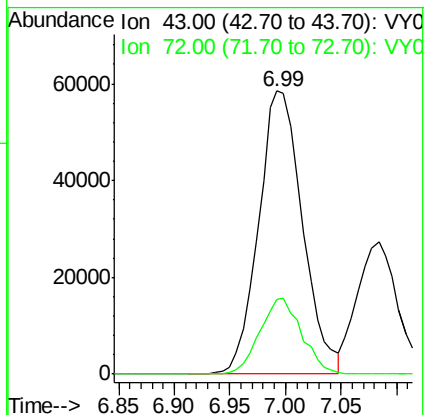
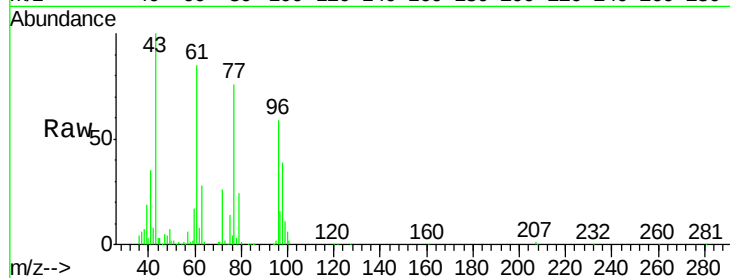
43 100

72 26.2 20.9 31.3

Manual Integrations
APPROVED

MMDadoda

7/22/2020 2:43:23 PM



#26

2,2-Dichloropropane

Concen: 22.667 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003255.D

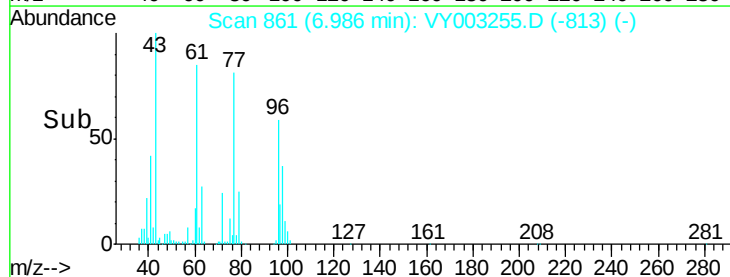
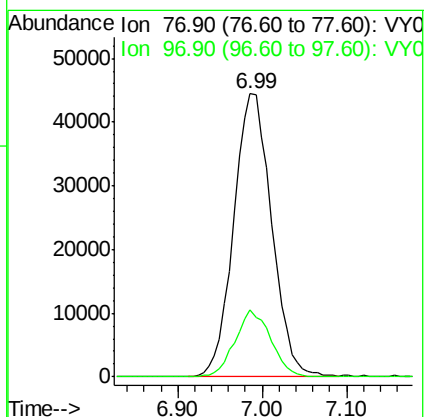
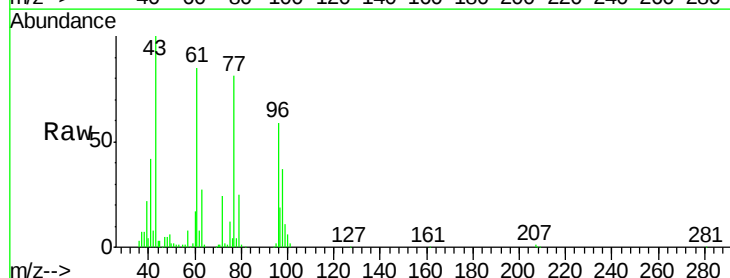
Acq: 21 Jul 2020 17:41

Tgt Ion: 77 Resp: 135774

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.7





#27

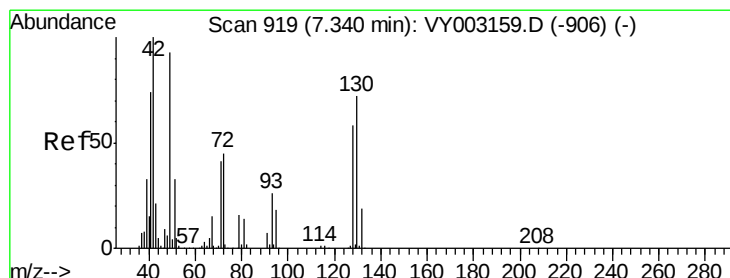
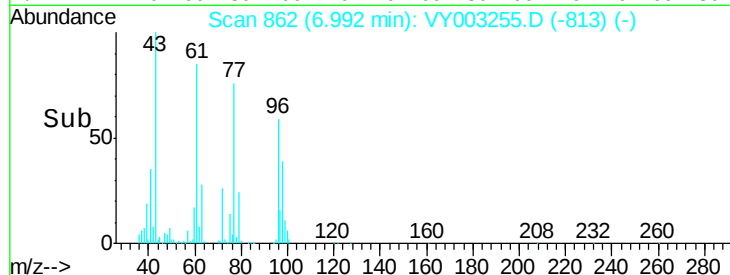
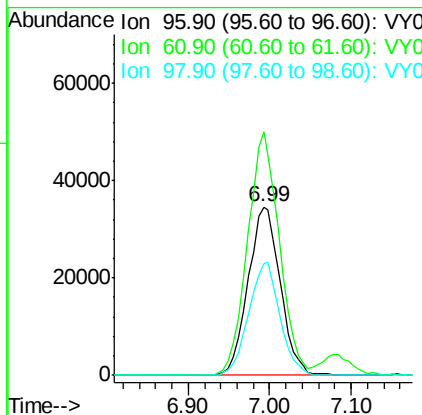
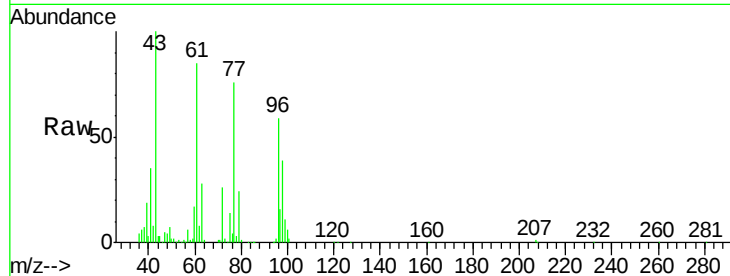
cis-1,2-Dichloroethene
Concen: 22.011 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	281.2
98	64.9	0.0	129.8

Manual Integrations
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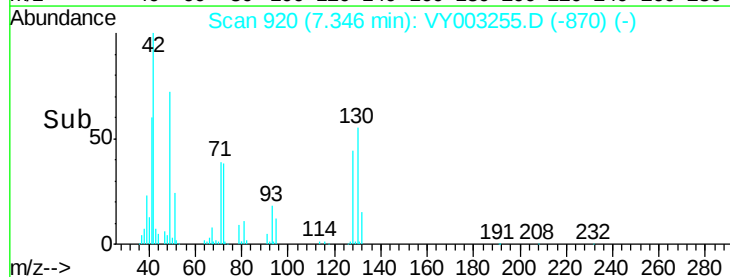
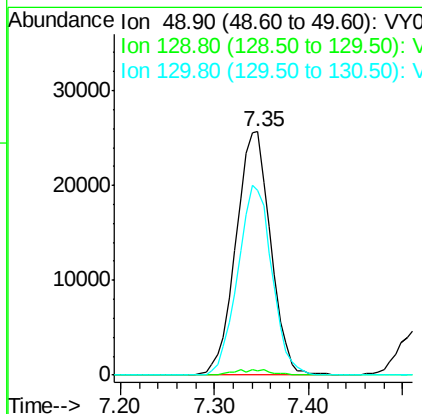
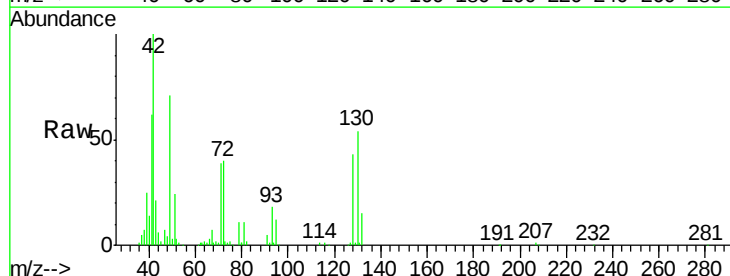
MMDadoda
7/22/2020 2:43:23 PM

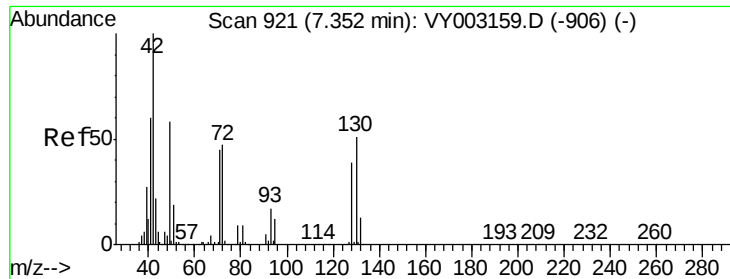


#28

Bromochloromethane
Concen: 22.934 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	5.0
130	77.0	64.9	97.3





#29

Tetrahydrofuran

Concen: 119.036 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

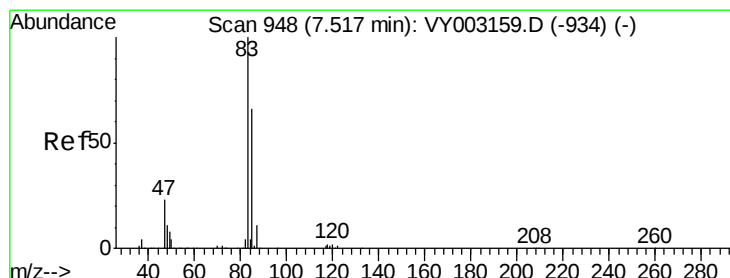
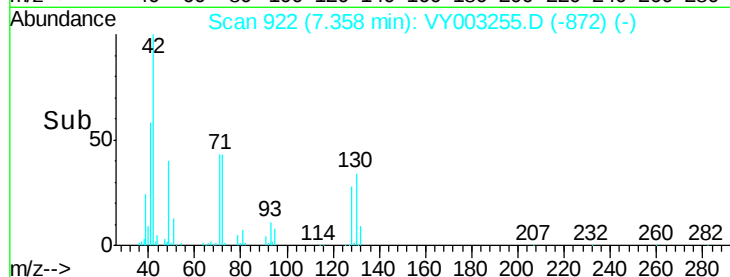
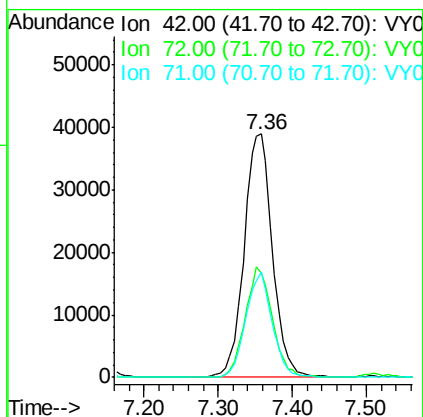
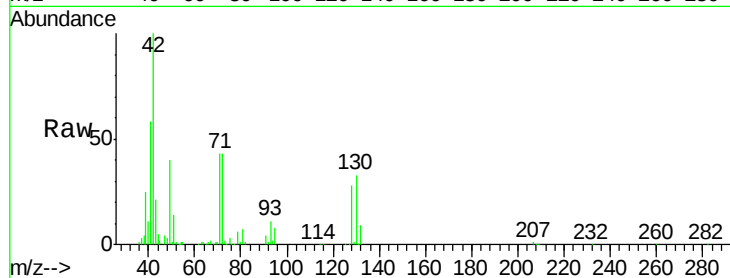
ClientSampleId :

VY0721SBS01

Tot Ion:	42	Resp:	103706
Ion	Ratio	Lower	Upper
42	100		
72	43.6	36.7	55.1
71	40.2	34.2	51.4

Manual Integrations
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#30

Chloroform

Concen: 22.452 ug/l

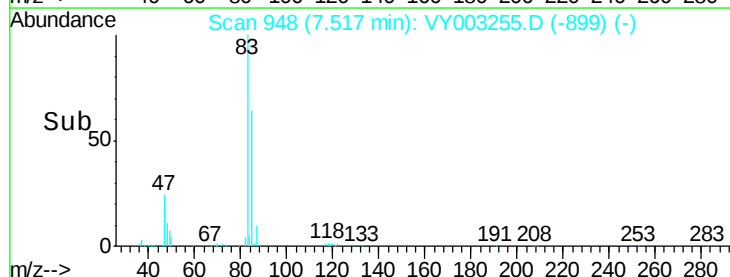
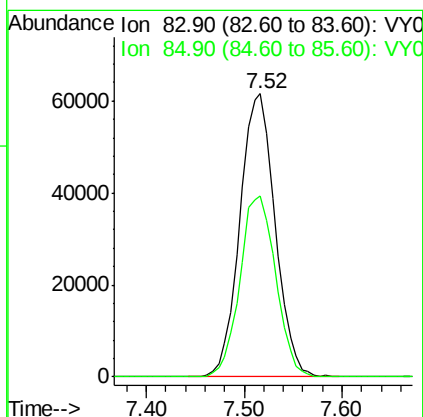
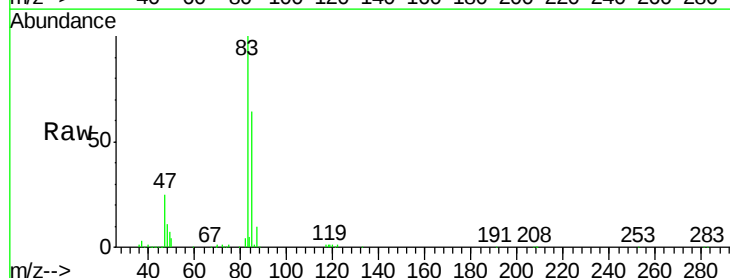
RT: 7.52 min Scan# 948

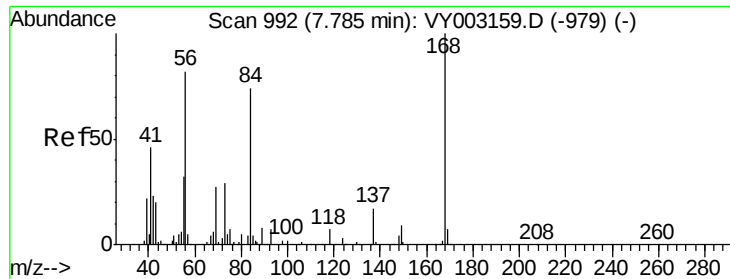
Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion:	83	Resp:	153805
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	78.8





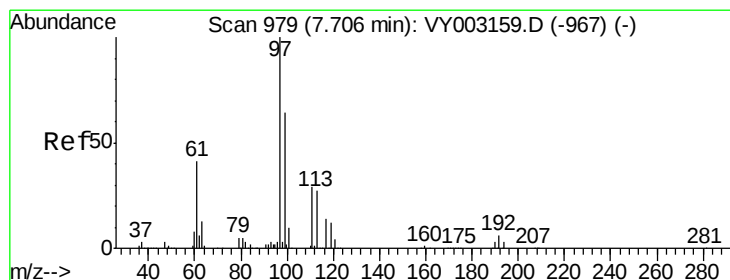
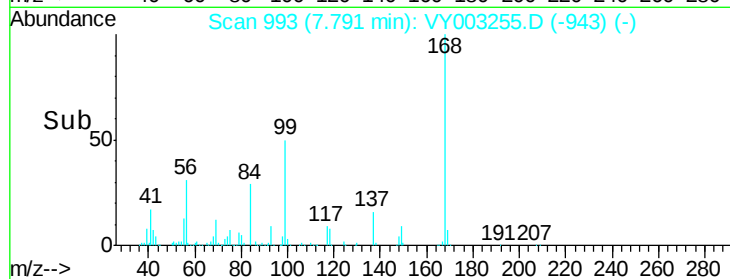
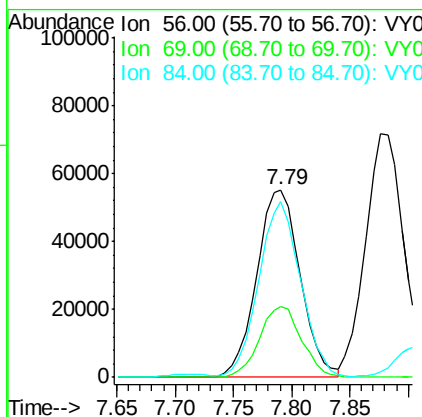
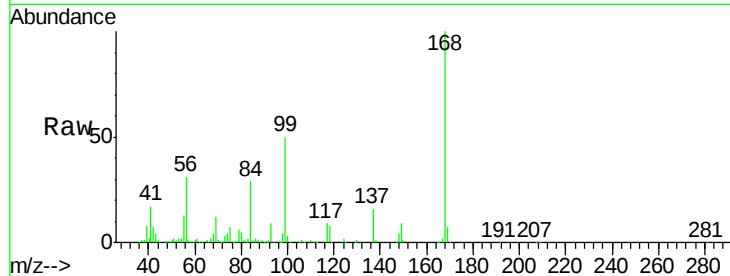
#31
Cvclohexane
Concen: 22.295 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		143398		
69	37.7	26.7	40.1		
84	92.1	72.3	108.5		

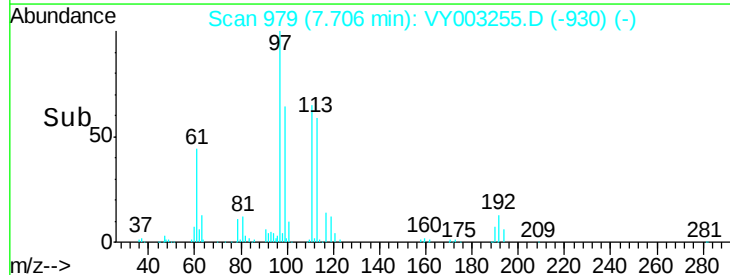
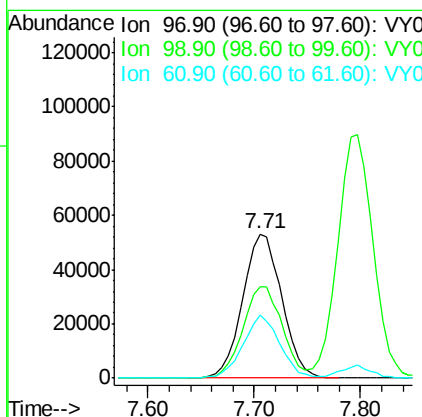
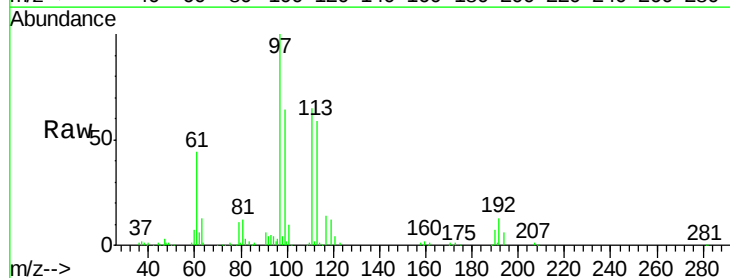
Manual Integrations
APPROVED

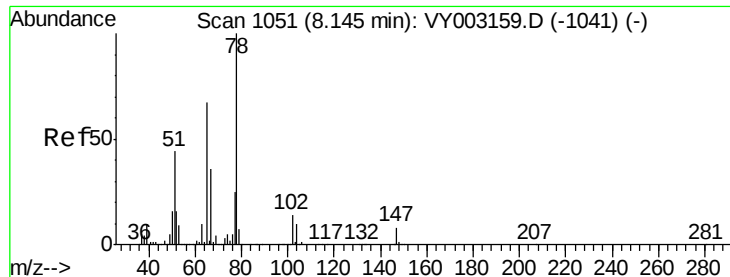
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#32
1,1,1-Trichloroethane
Concen: 22.241 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		137166		
99	63.7	52.1	78.1		
61	41.0	33.9	50.9		





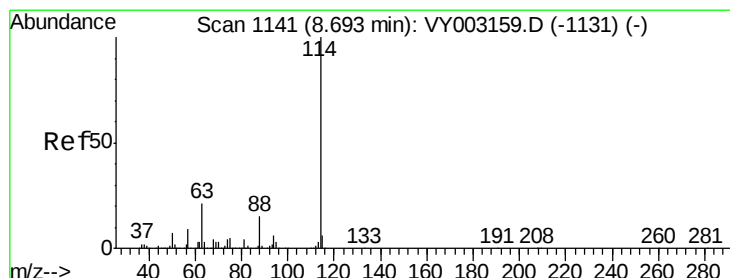
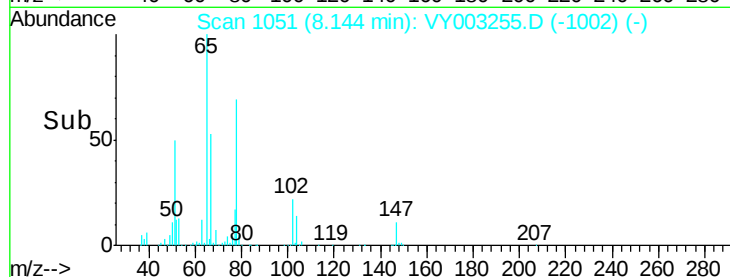
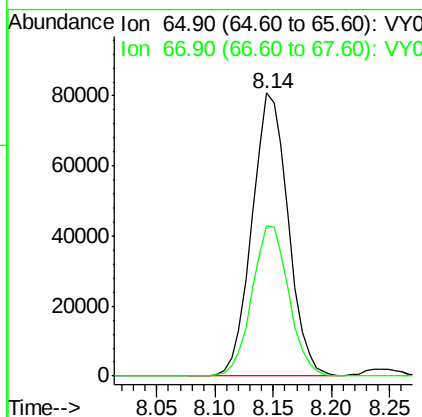
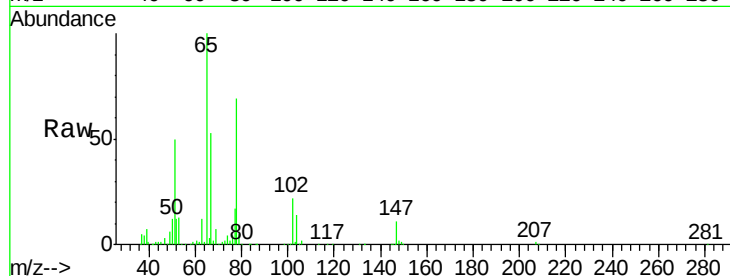
#33
 1,2-Dichloroethane-d4
 Concen: 49.481 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.0	0.0	105.2	

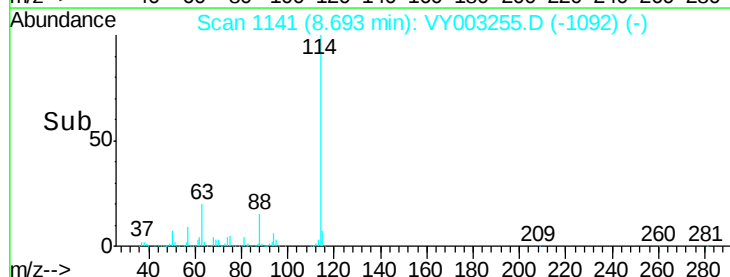
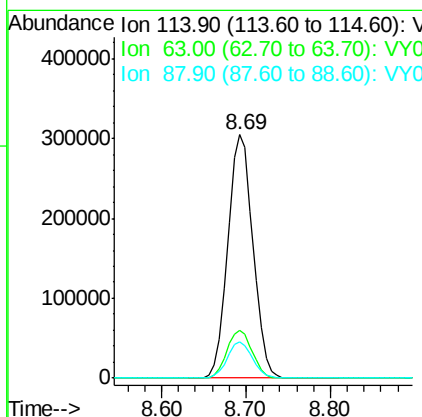
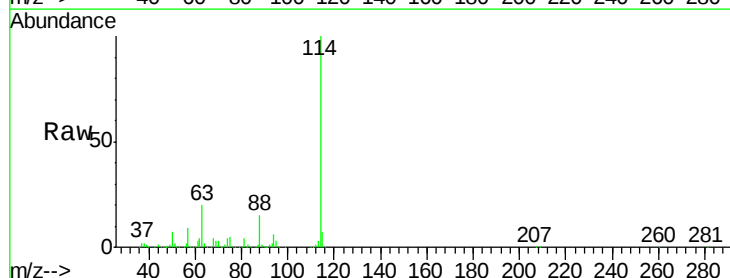
Manual Integrations
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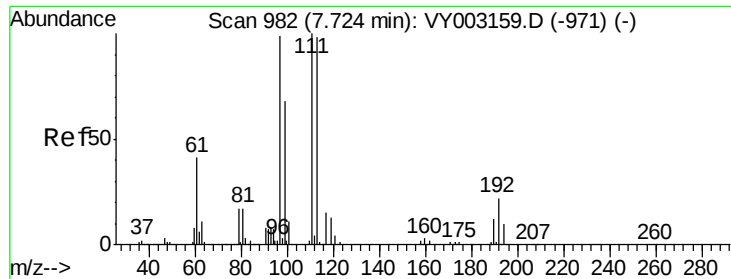
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.9	0.0	41.2	
88	15.0	0.0	30.2	





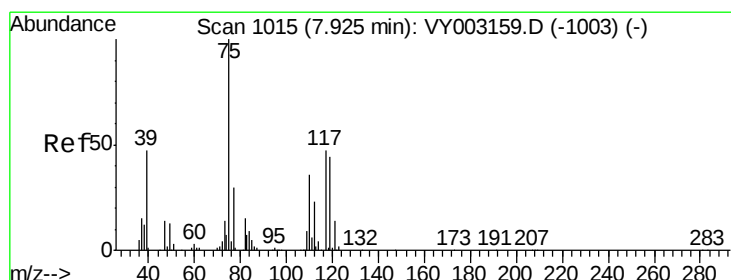
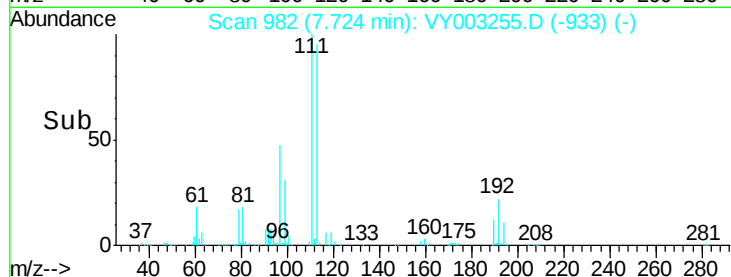
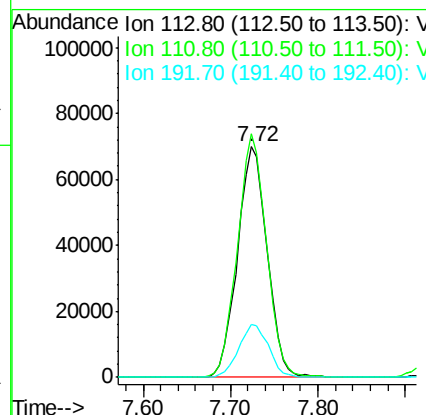
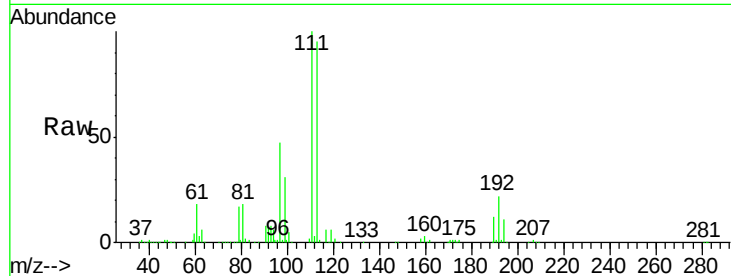
#35
Dibromofluoromethane
Concen: 46.706 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	23.1	18.8	28.2

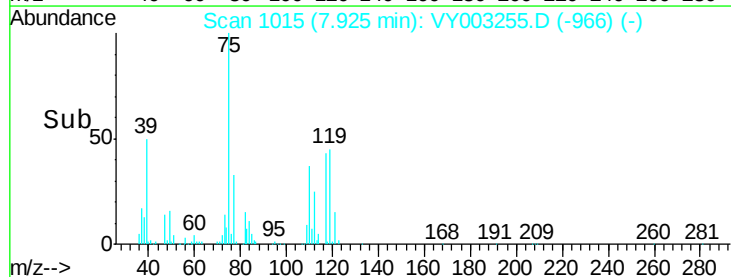
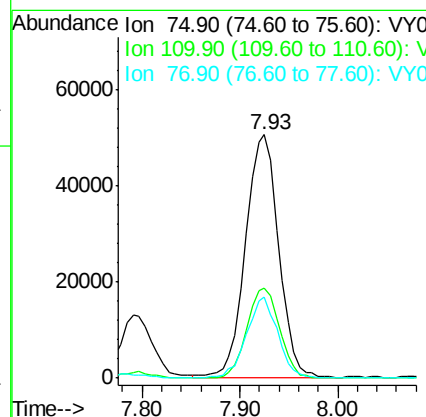
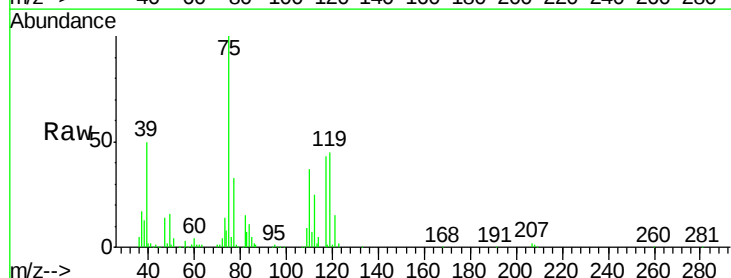
Manual Integrations
APPROVED

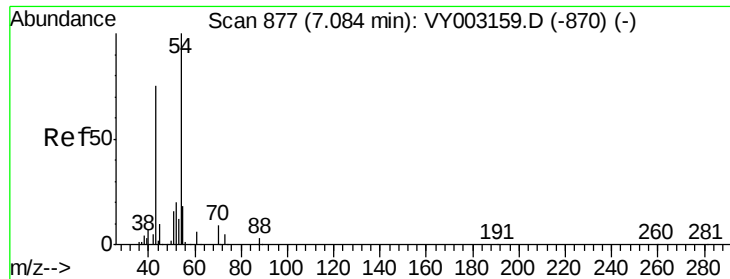
MMDadoda
7/22/2020 2:43:23 PM



#36
1,1-Dichloropropene
Concen: 21.305 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	31.6	24.8	37.2





#37

Ethyl Acetate

Concen: 23.730 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

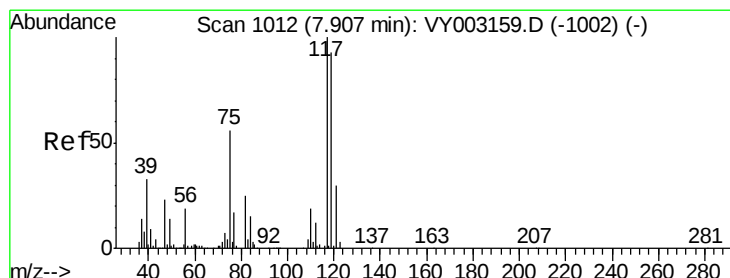
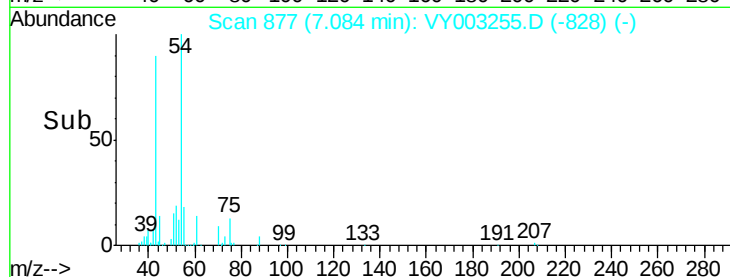
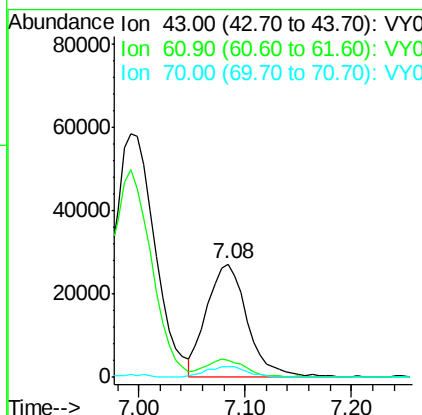
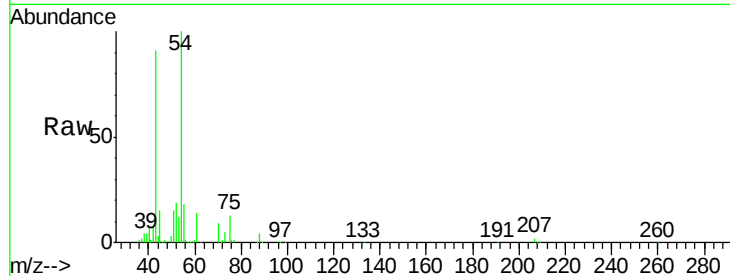
ClientSampleId :

VY0721SBS01

Tot Ion:	43	Resp:	71333
Ion	Ratio	Lower	Upper
43	100		
61	16.4	11.8	17.6
70	10.1	8.6	13.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 21.993 ug/l

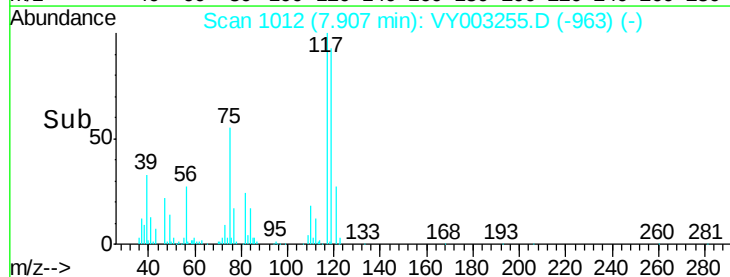
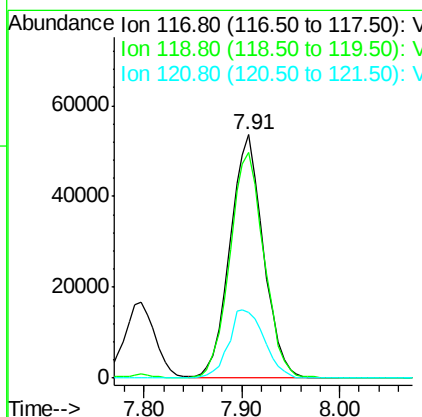
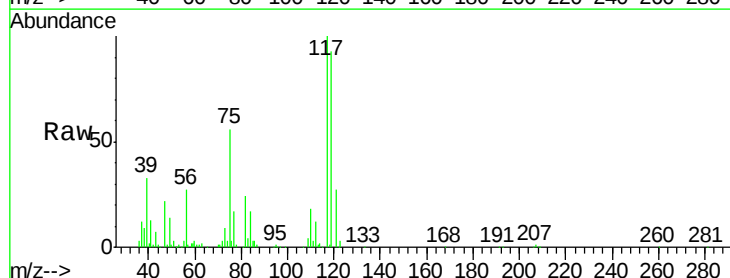
RT: 7.91 min Scan# 1012

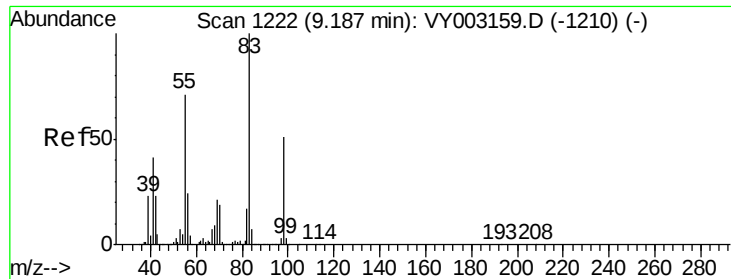
Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion:	117	Resp:	126735
Ion	Ratio	Lower	Upper
117	100		
119	92.9	74.5	111.7
121	27.1	24.2	36.2





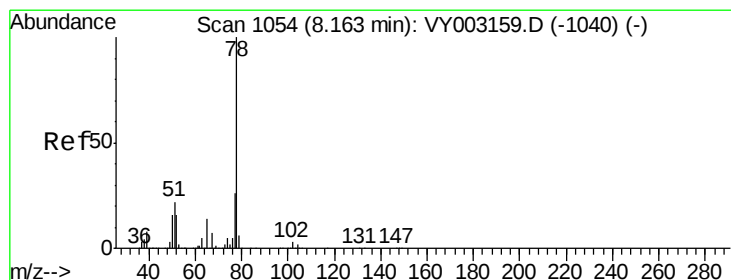
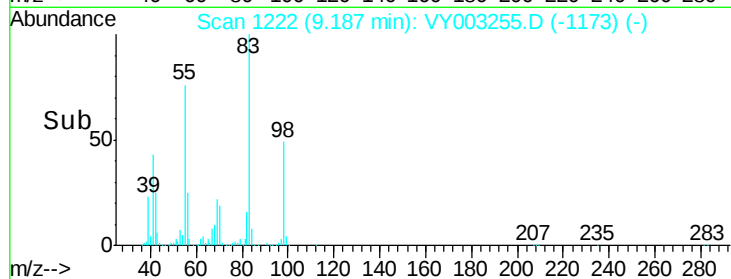
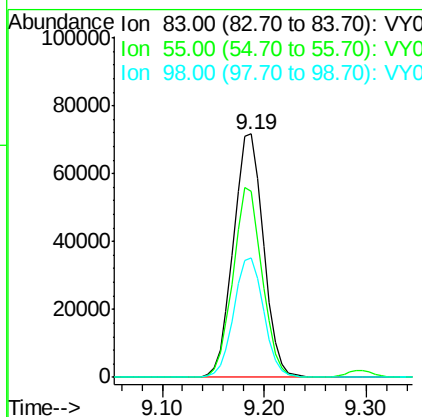
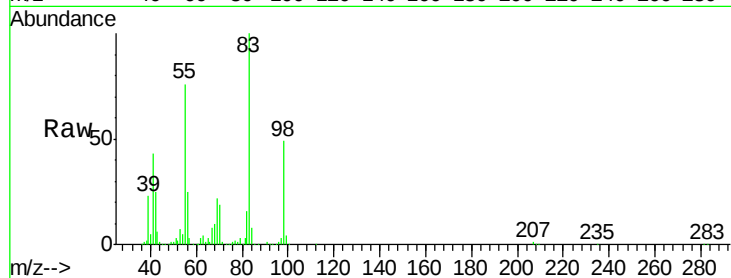
#39
Methvlcvclohexane
Concen: 20.985 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	57.2	85.8
98	49.2	41.0	61.6

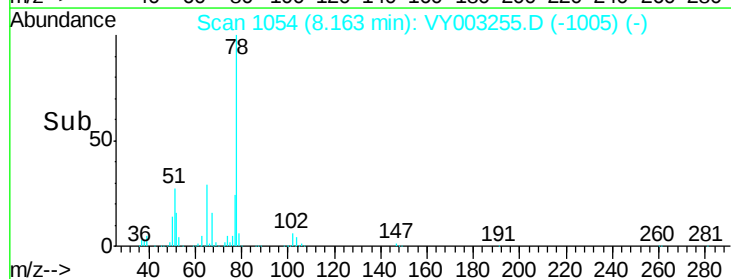
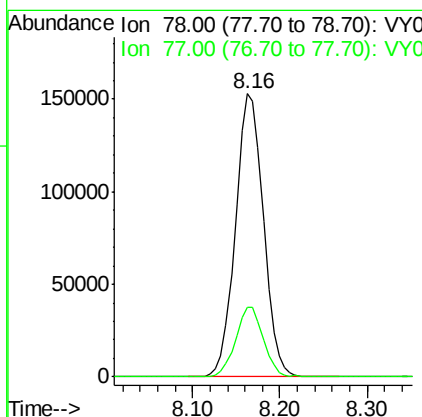
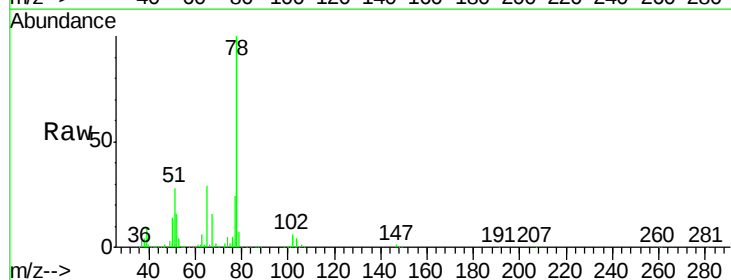
Manual Integrations
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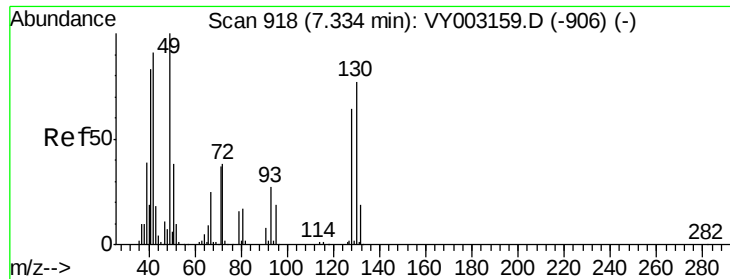
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#40
Benzene
Concen: 22.116 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.7	31.1





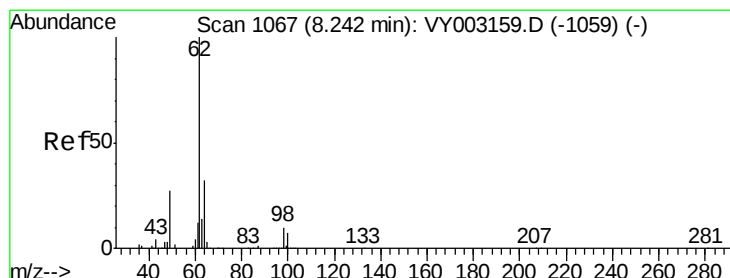
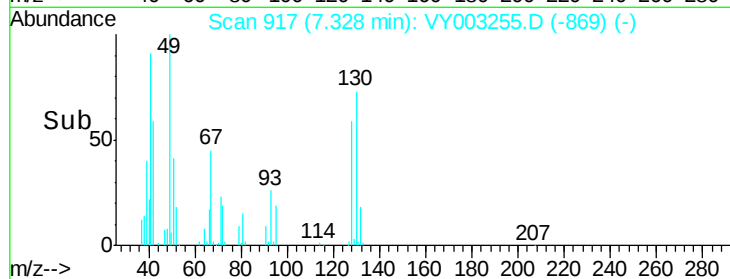
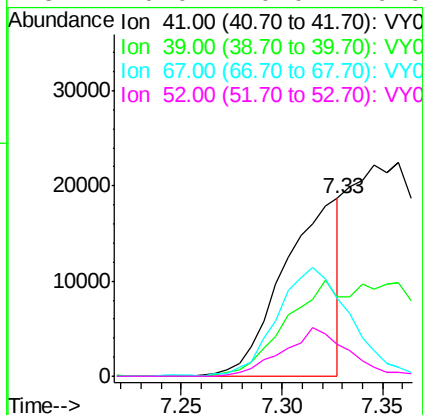
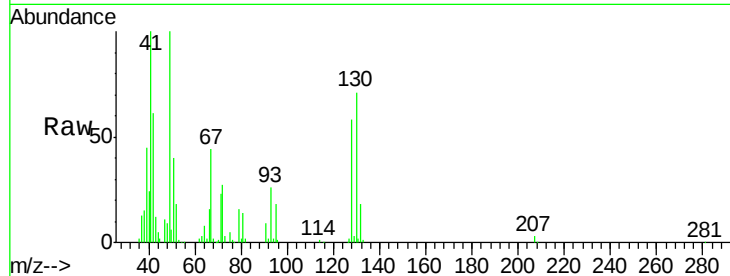
#41
Methacrylonitrile
Concen: 20.377 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	41	Resp	36891
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

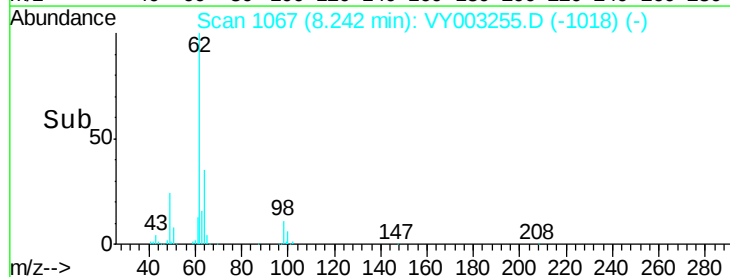
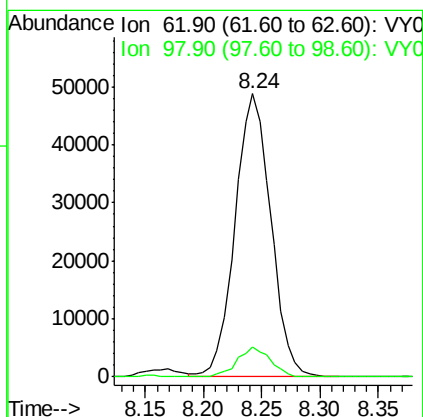
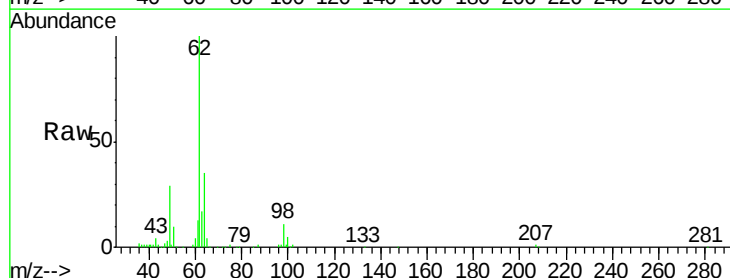
Manual Integrations
APPROVED

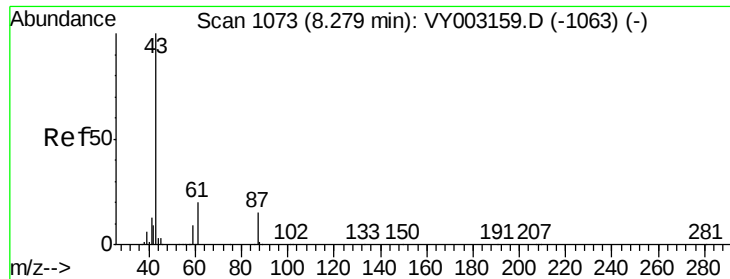
MMDadoda
7/22/2020 2:43:23 PM



#42
1,2-Dichloroethane
Concen: 22.106 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	62	Resp	104598
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





#43

Isopropyl Acetate

Concen: 22.677 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

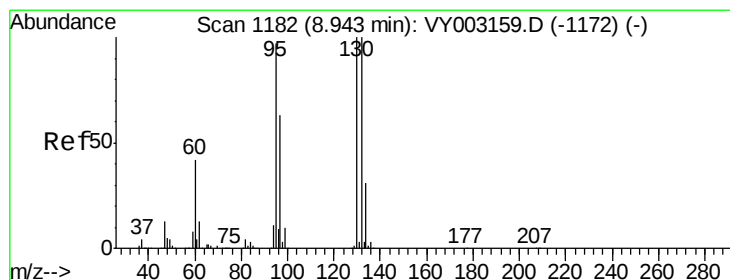
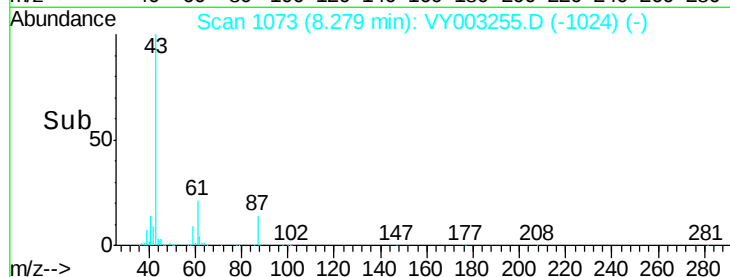
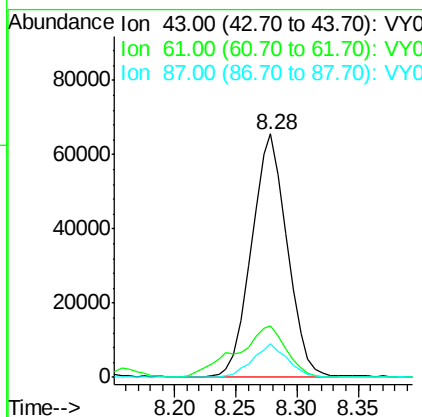
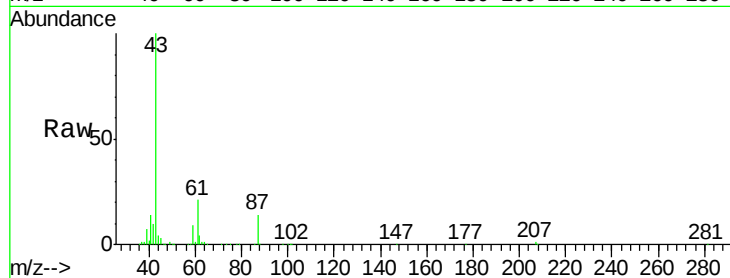
ClientSampleId :

VY0721SBS01

Tot Ion:	43	Resp:	131948
Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.7	35.5
87	13.5	11.4	17.0

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#44

Trichloroethene

Concen: 20.870 ug/l

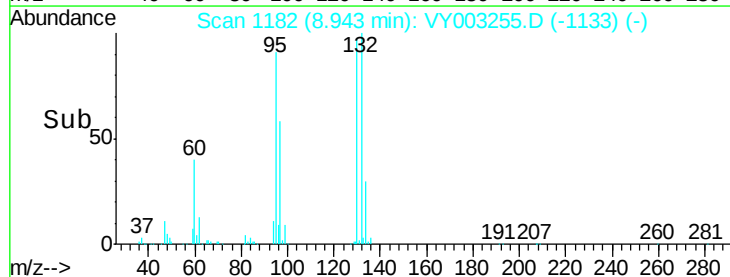
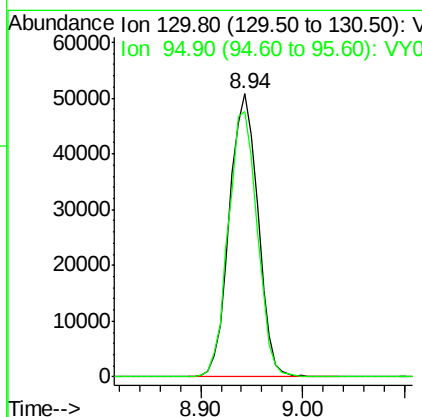
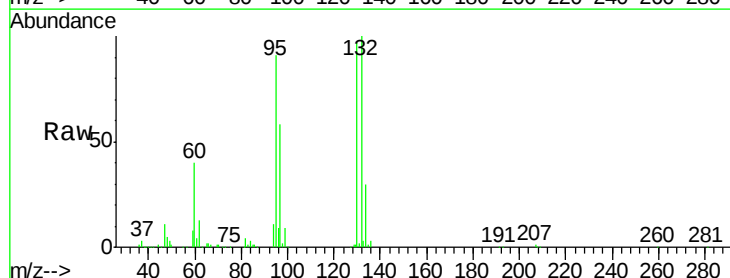
RT: 8.94 min Scan# 1182

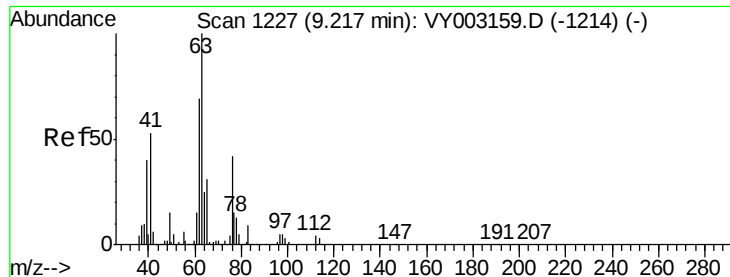
Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion:	130	Resp:	98333
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	193.8





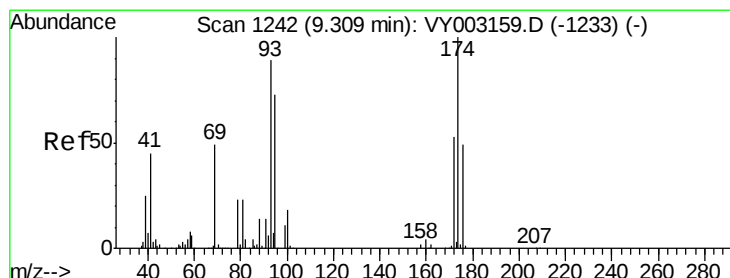
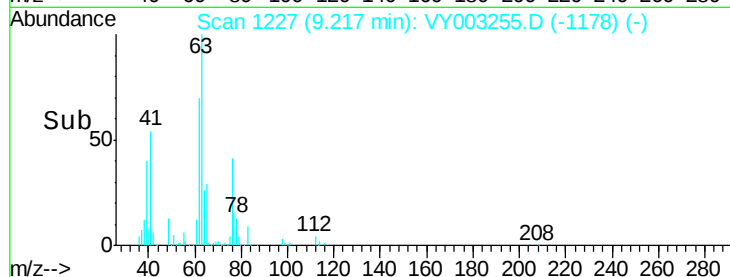
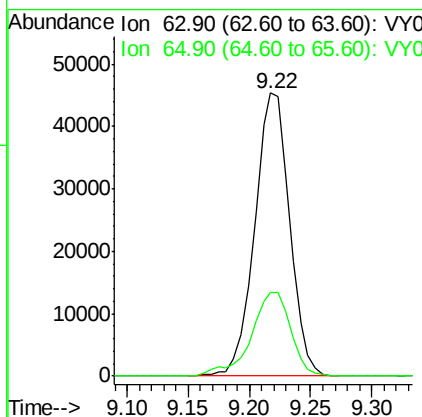
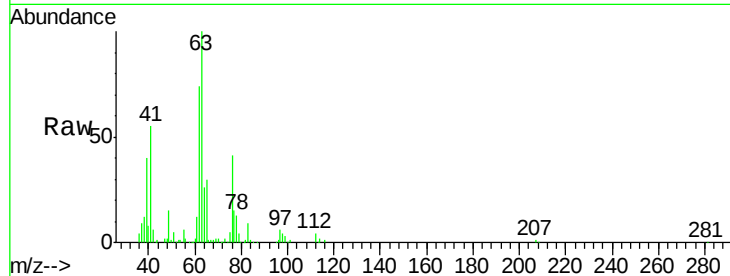
#45
 1,2-Dichloropropane
 Concen: 22.685 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	25.0	37.4

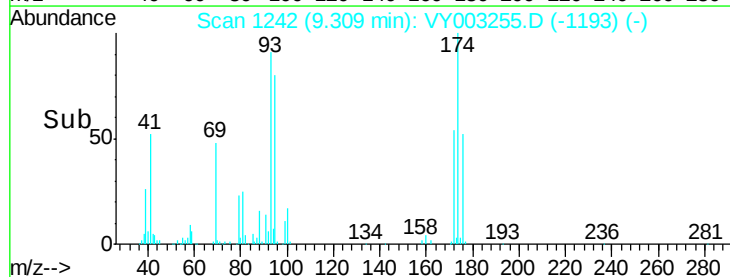
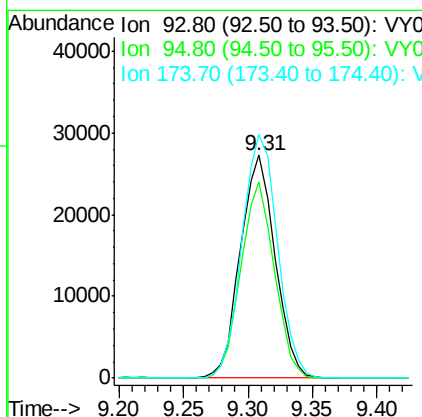
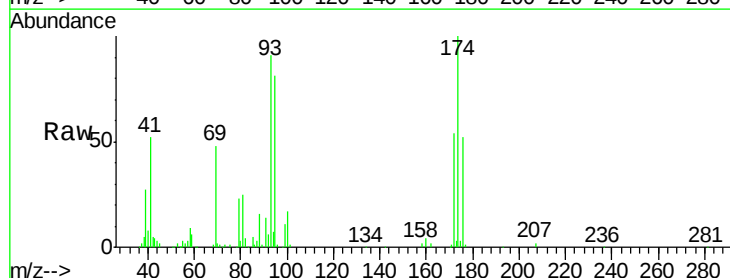
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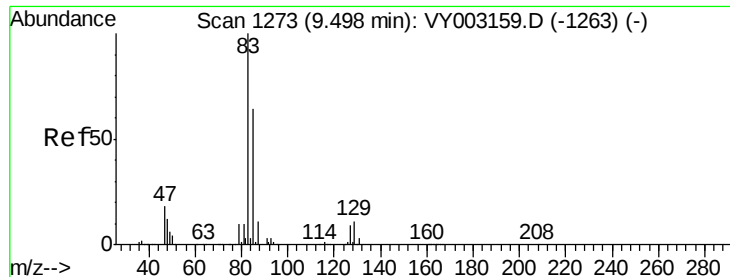
MMDadoda
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#46
 Dibromomethane
 Concen: 21.966 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.6	99.8
174	111.3	90.2	135.4





#47

Bromodichloromethane

Concen: 22.238 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

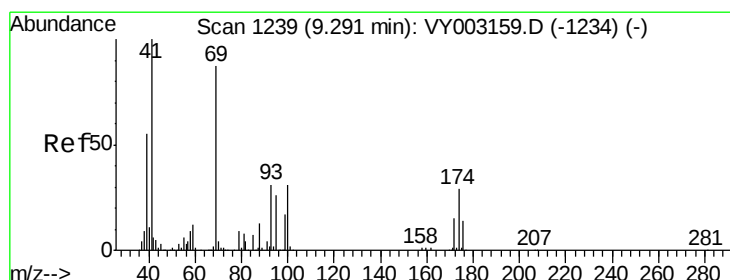
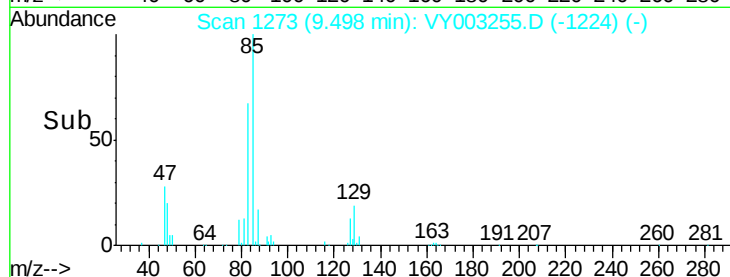
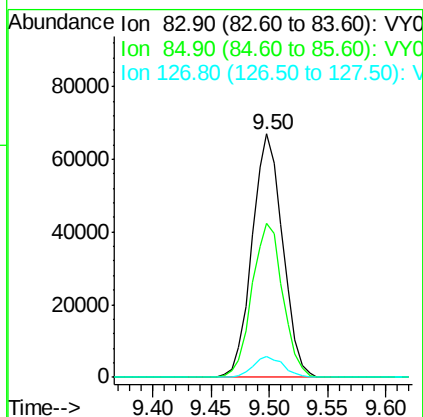
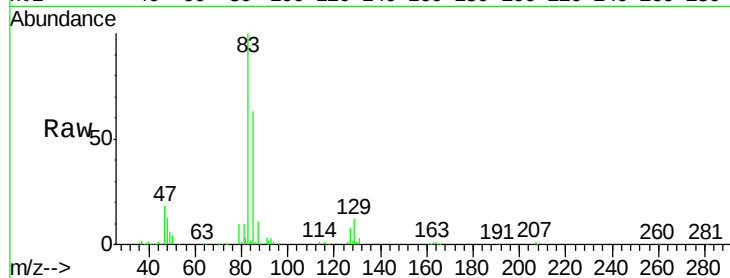
ClientSampleId :

VY0721SBS01

Tot Ion:	83	Resp:	122853
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.9	76.3
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 23.077 ug/l

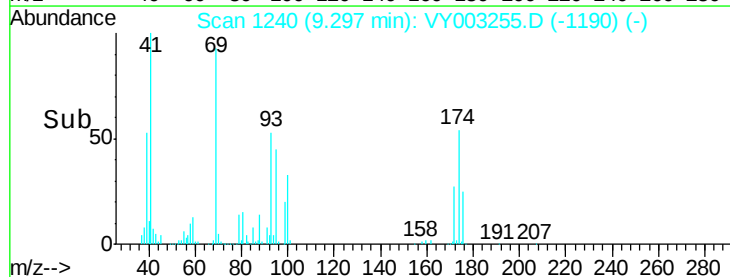
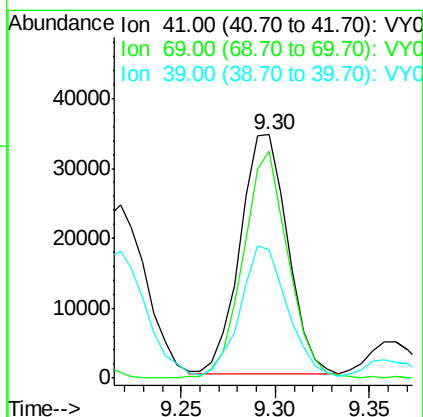
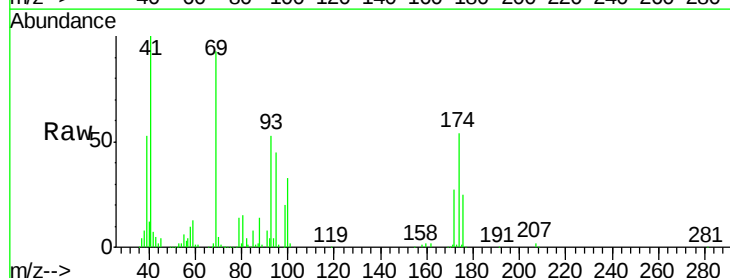
RT: 9.30 min Scan# 1240

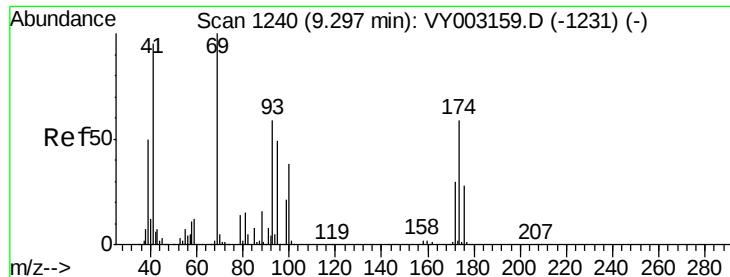
Delta R.T. 0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion:	41	Resp:	60028
Ion Ratio	Lower	Upper	
41	100		
69	89.6	74.5	111.7
39	55.3	47.5	71.3





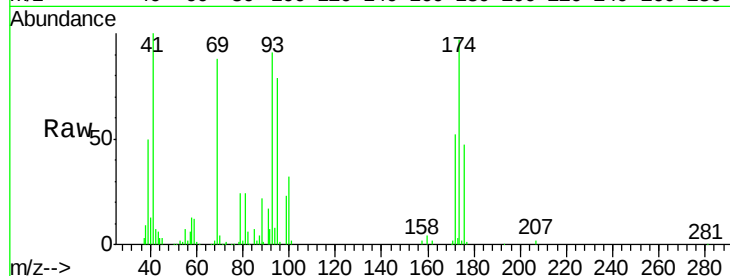
#49
1,4-Dioxane
Concen: 448.301 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

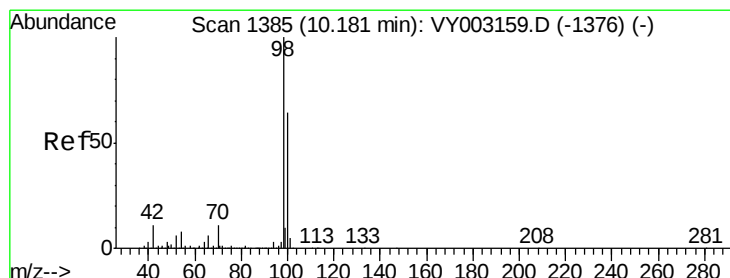
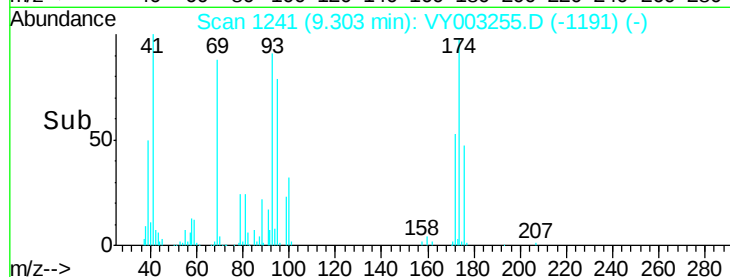
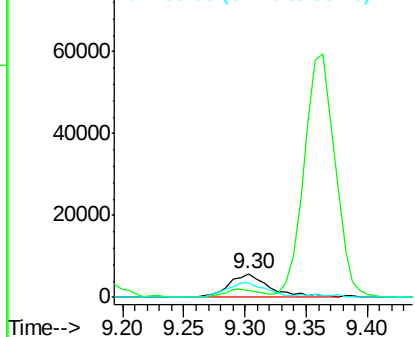
Tot Ion	Ratio	Resp	Lower	Upper
88	100	13216		
43	31.4	25.6	38.4	
58	62.8	47.8	71.6	

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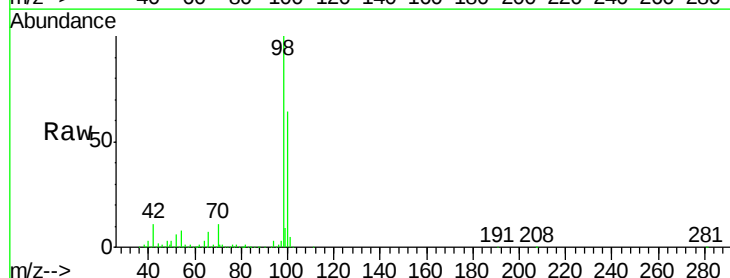


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

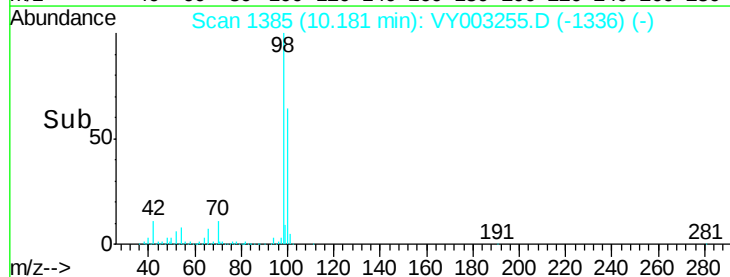
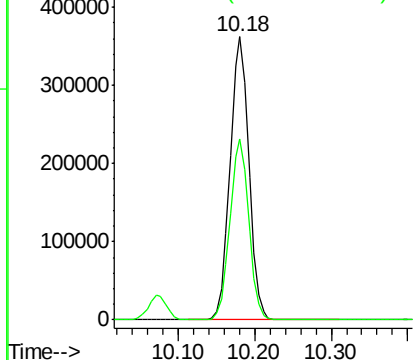


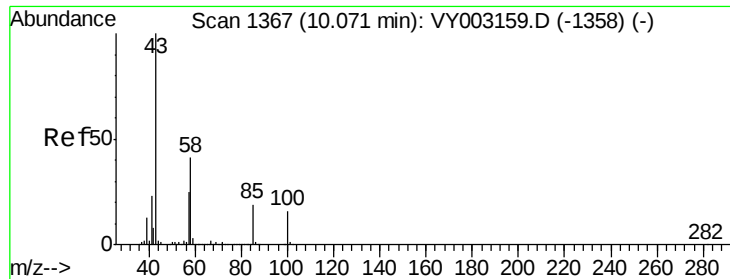
#50
Toluene-d8
Concen: 46.745 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	615951		
100	63.9	50.7	76.1	



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 116.510 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 43 Resp: 352362

Ion Ratio Lower Upper

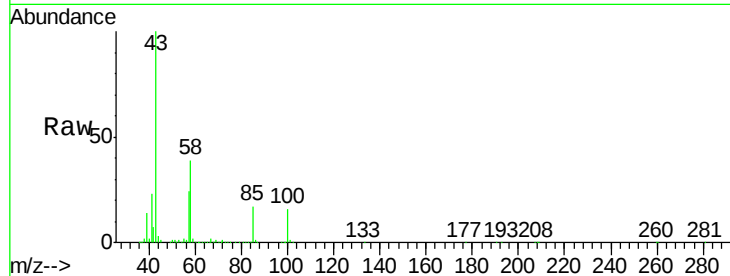
43 100

58 39.1 32.7 49.1

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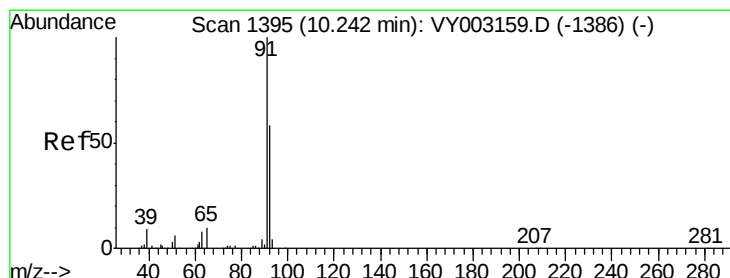
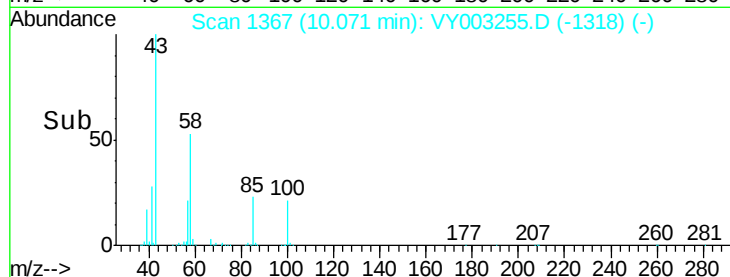
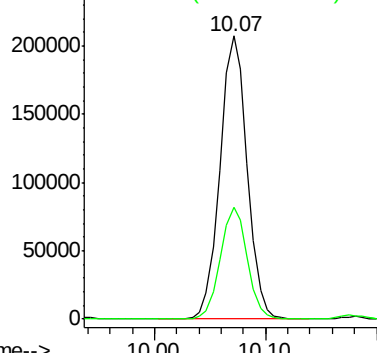
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.752 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003255.D

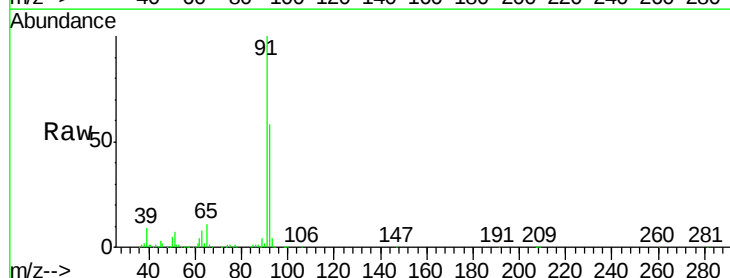
Acq: 21 Jul 2020 17:41

Tgt Ion: 92 Resp: 213687

Ion Ratio Lower Upper

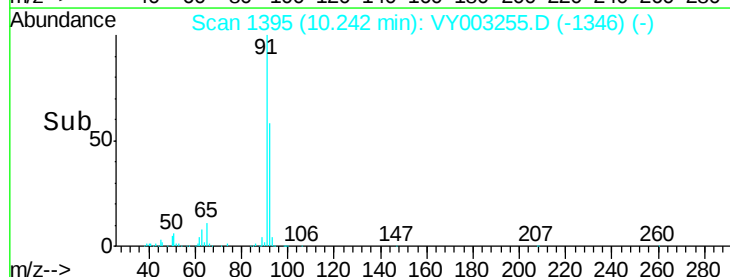
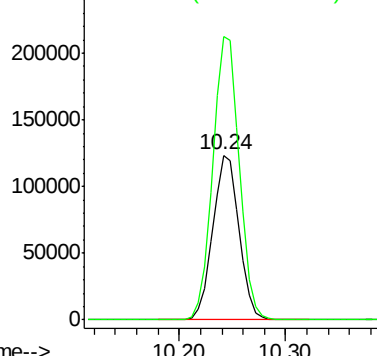
92 100

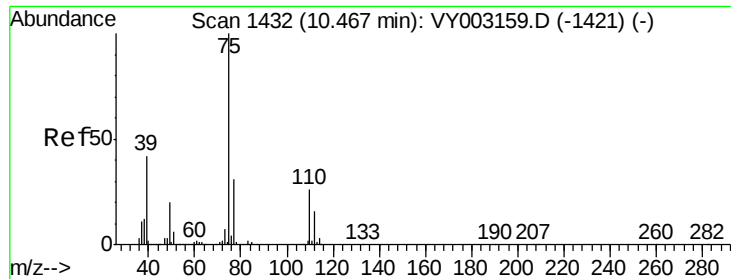
91 173.7 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





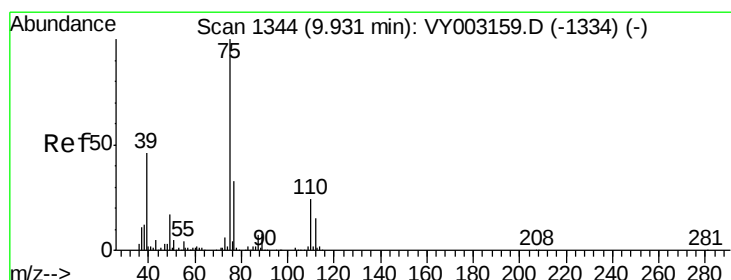
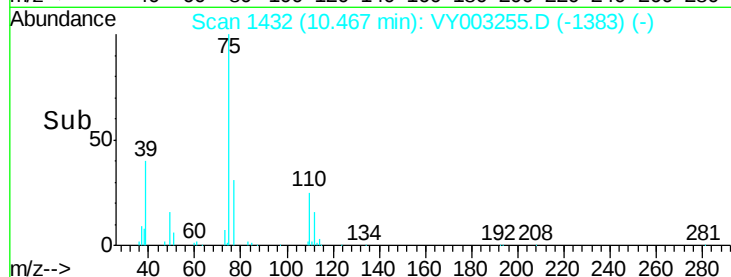
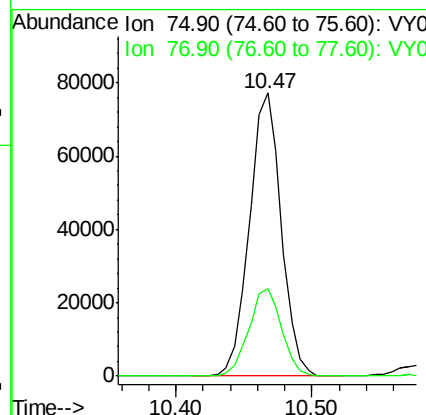
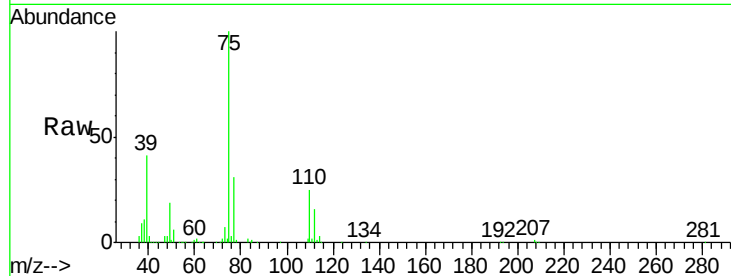
#53
t-1,3-Dichloropropene
Concen: 22.080 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8

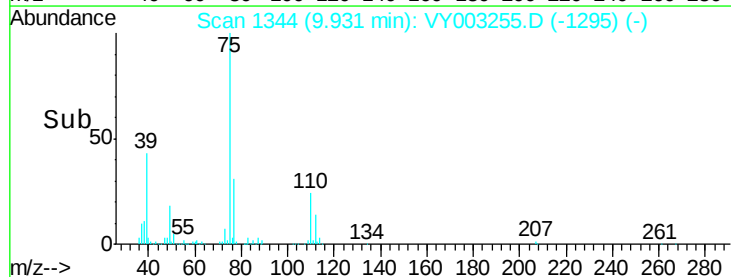
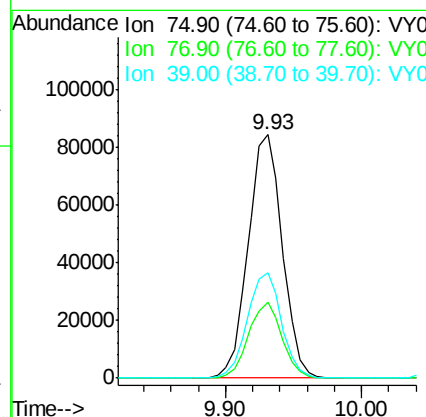
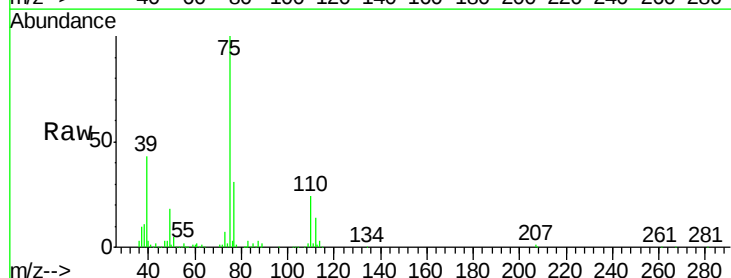
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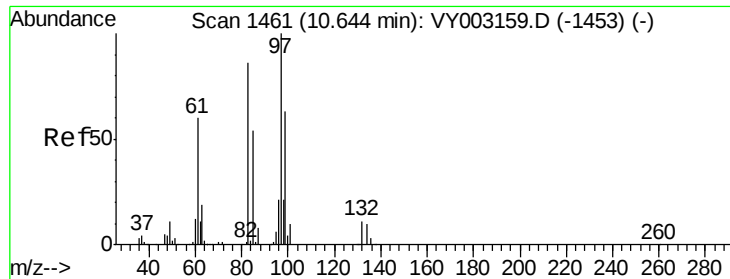
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#54
cis-1,3-Dichloropropene
Concen: 22.514 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.7	40.1
39	43.1	37.0	55.6





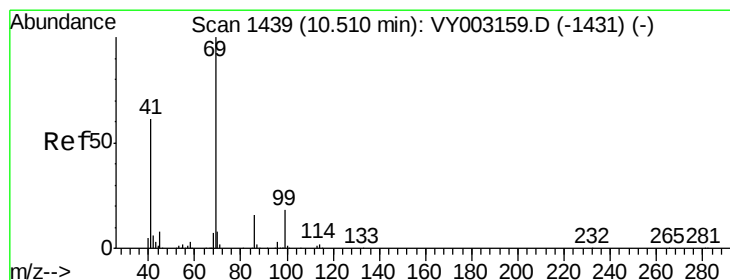
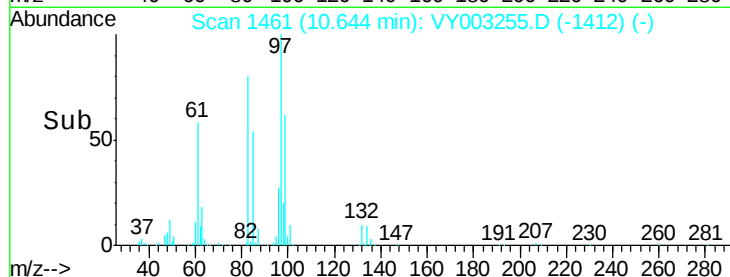
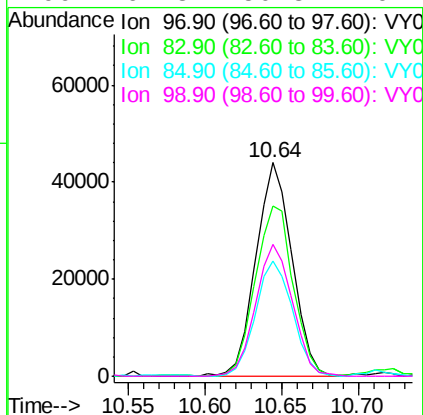
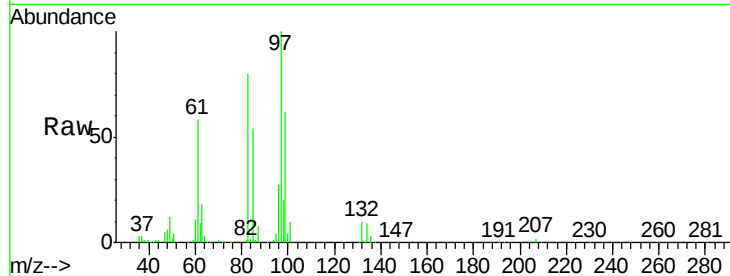
#55
 1,1,2-Trichloroethane
 Concen: 21.999 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	79.3	68.8	103.2
85	53.7	43.1	64.7
99	61.8	50.8	76.2

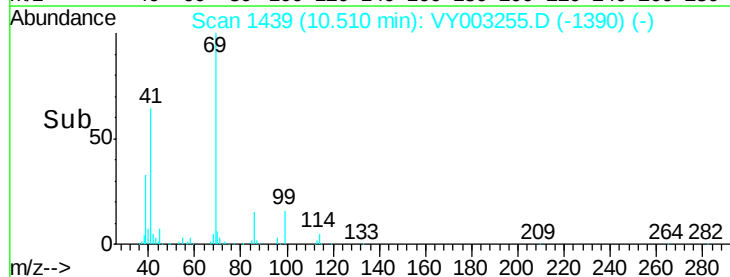
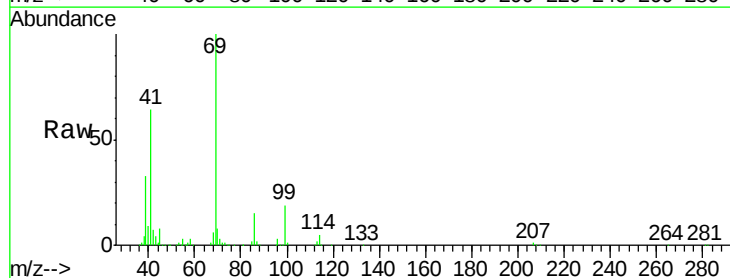
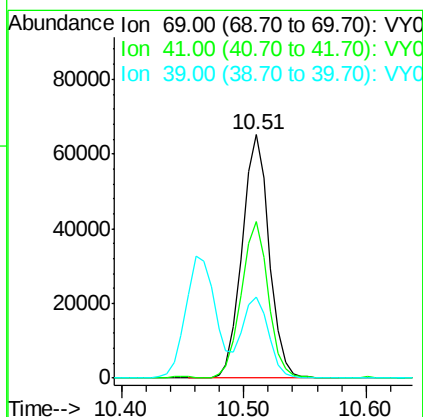
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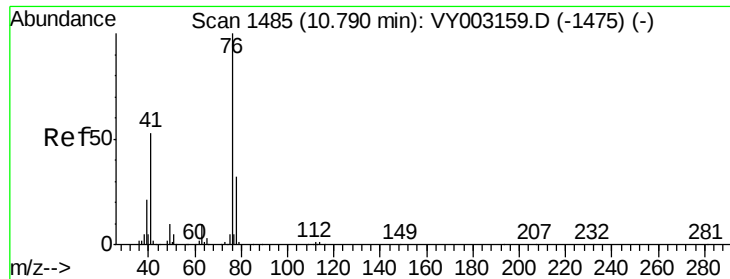
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#56
 Ethyl methacrylate
 Concen: 22.297 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.0	75.0
39	31.1	27.6	41.4





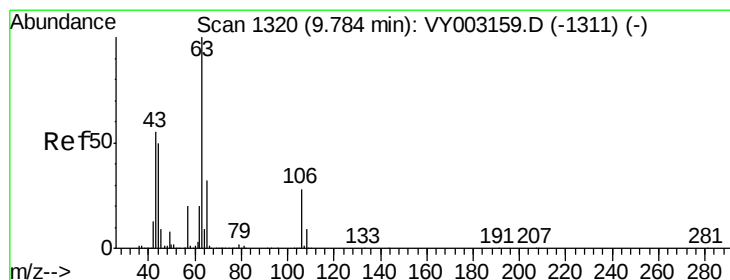
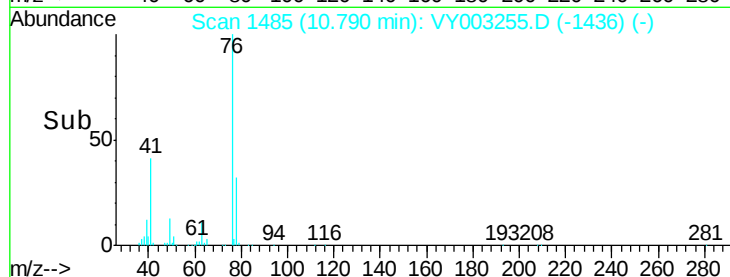
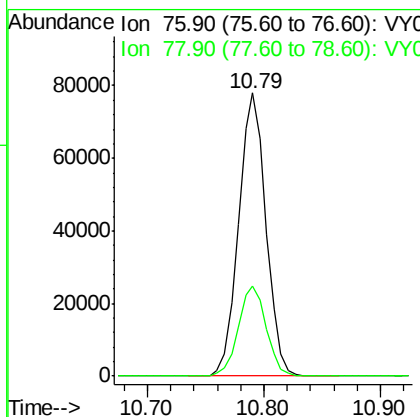
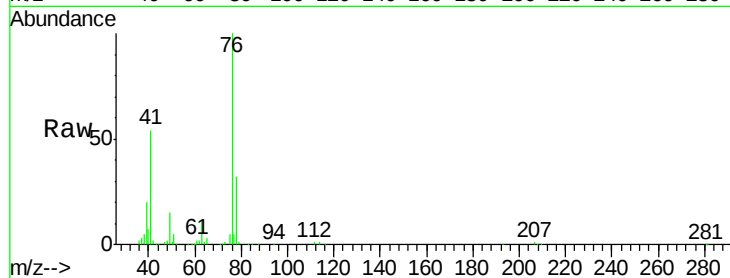
#57
 1,3-Dichloropropane
 Concen: 22.756 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

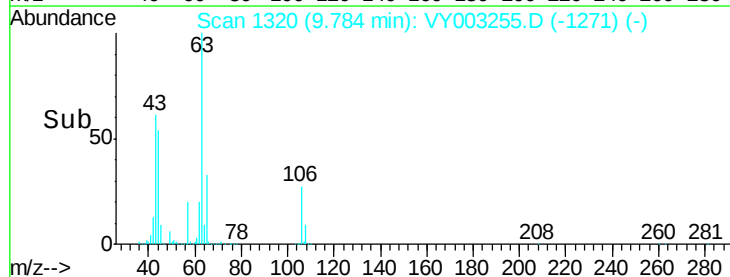
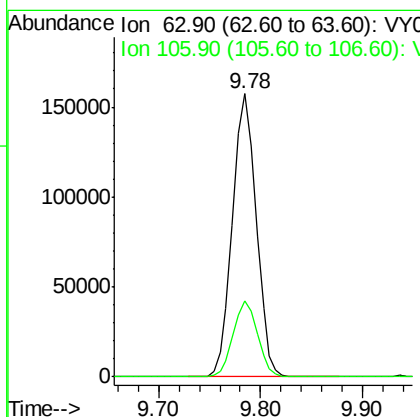
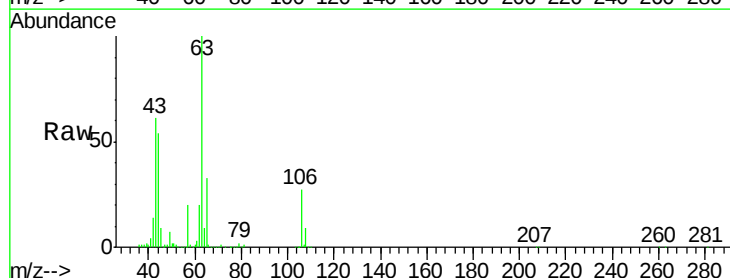
Manual Integrations
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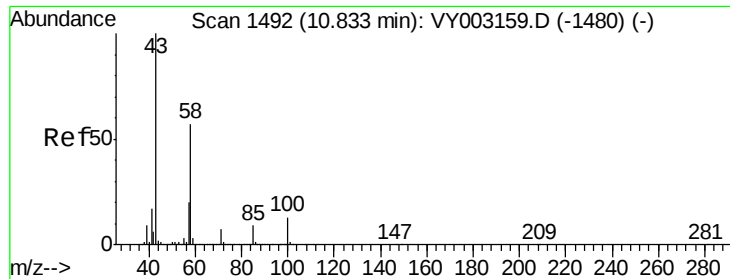
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.343 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.9	34.3





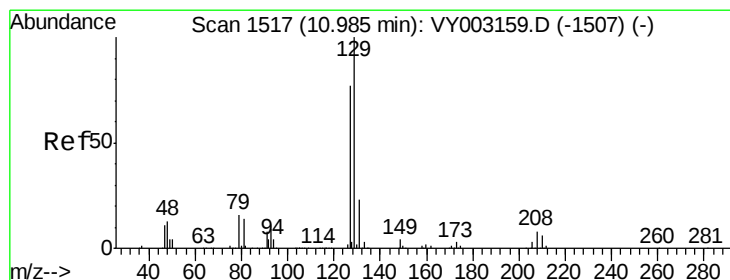
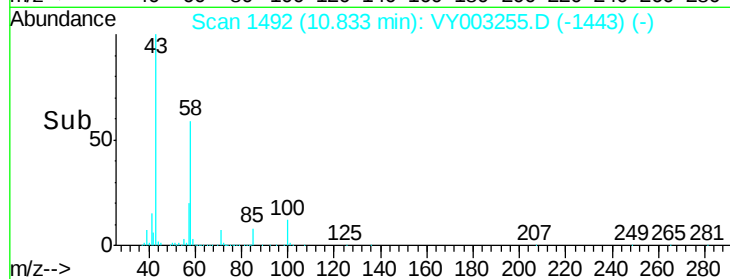
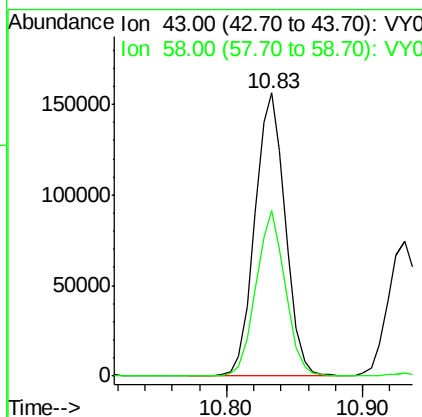
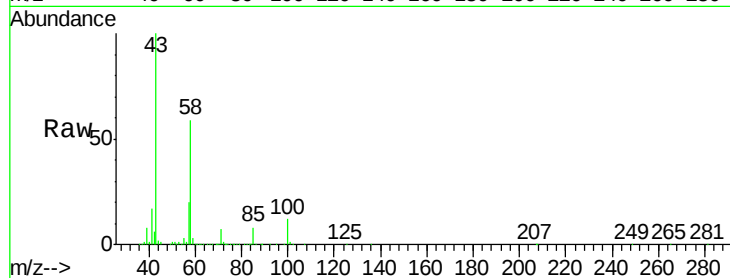
#59
2-Hexanone
Concen: 116.242 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion: 43 Resp: 245408
Ion Ratio Lower Upper
43 100
58 56.1 28.3 85.0

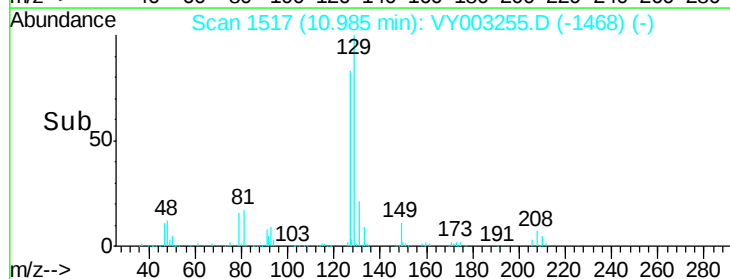
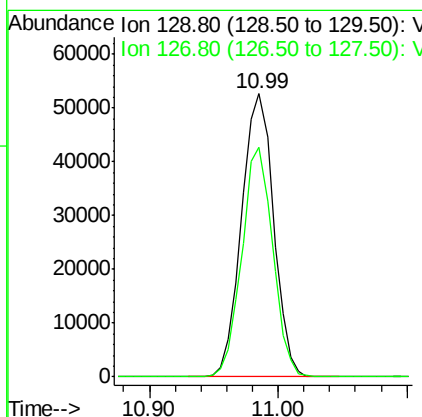
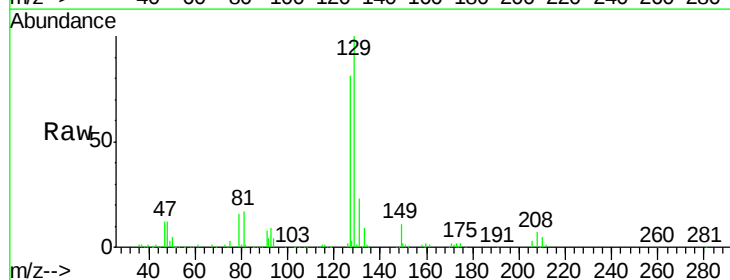
Manual Integrations
APPROVED

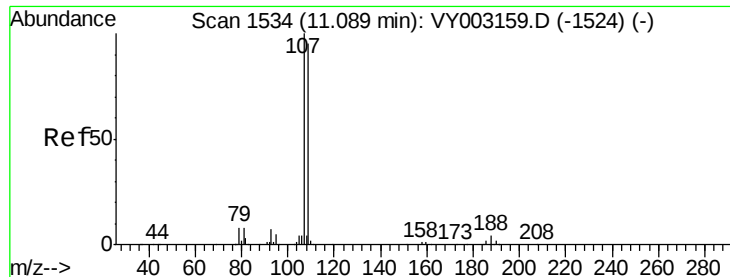
MMDadoda
7/22/2020 2:43:23 PM



#60
Dibromochloromethane
Concen: 21.881 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion: 129 Resp: 90584
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





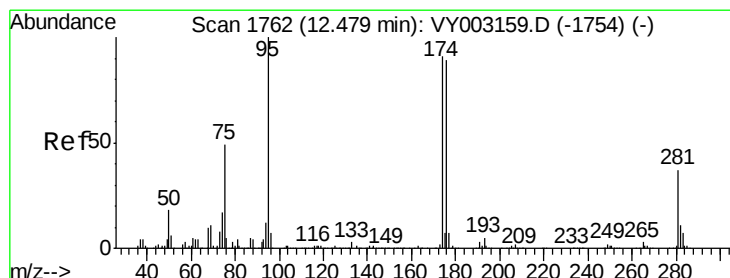
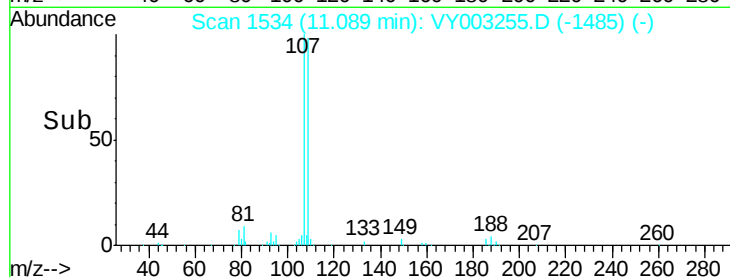
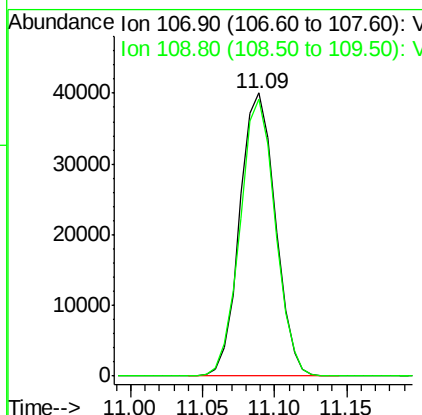
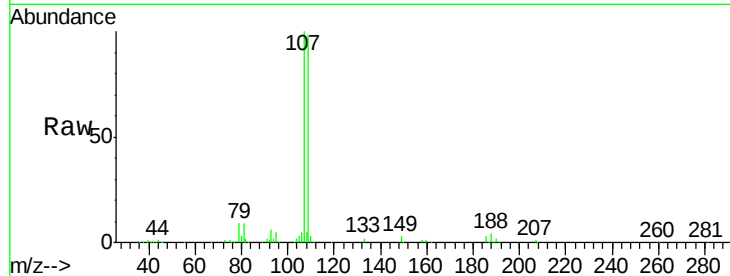
#61
 1,2-Dibromoethane
 Concen: 21.175 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.8	75.6	113.4

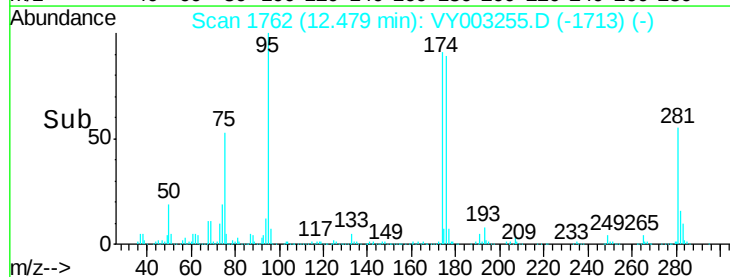
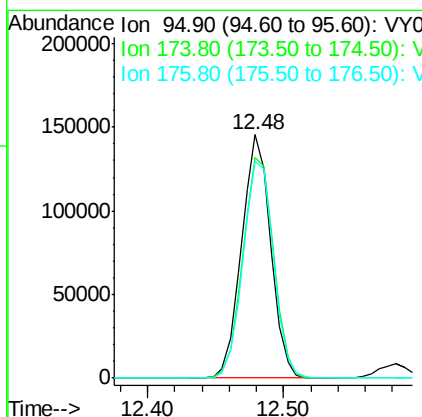
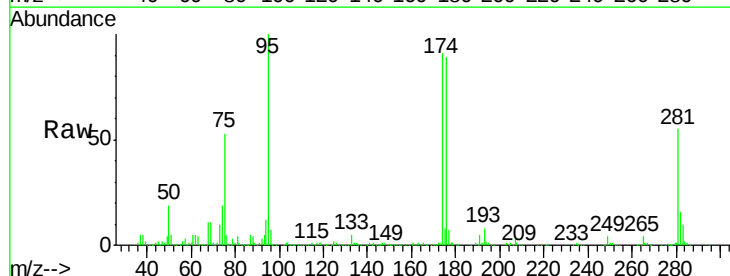
Manual Integrations
 APPROVED

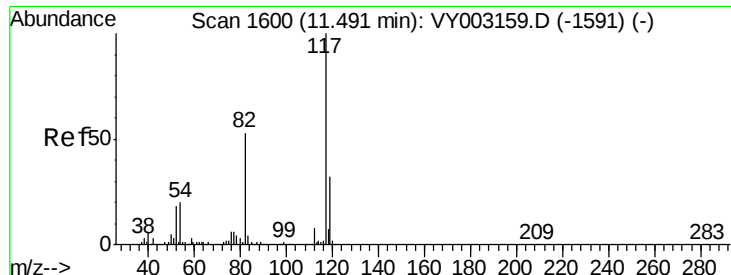
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 45.671 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	190.6
176	93.5	0.0	186.4





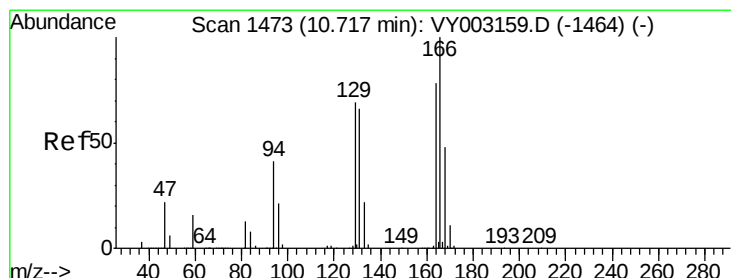
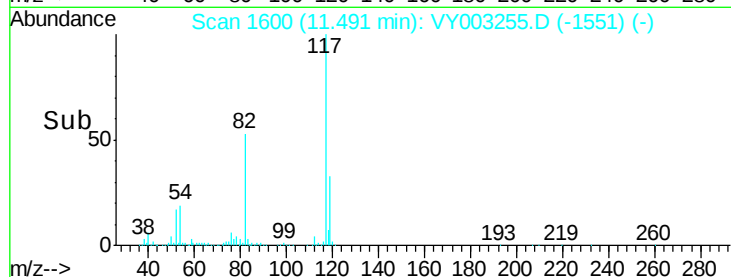
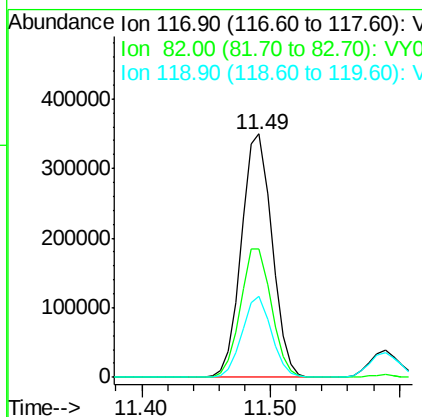
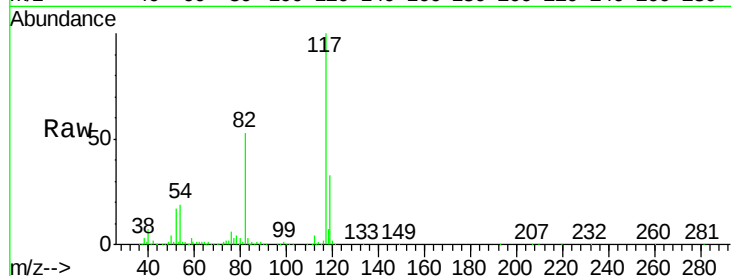
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	573299		
82	52.7		42.0	63.0
119	33.3		25.5	38.3

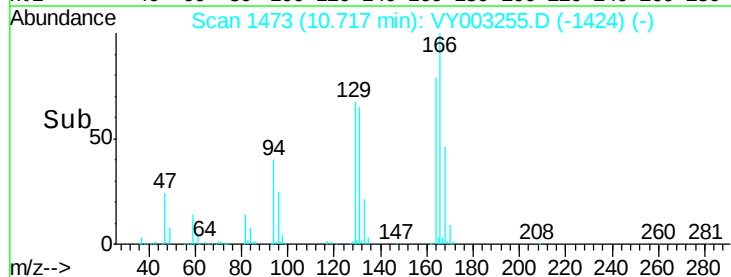
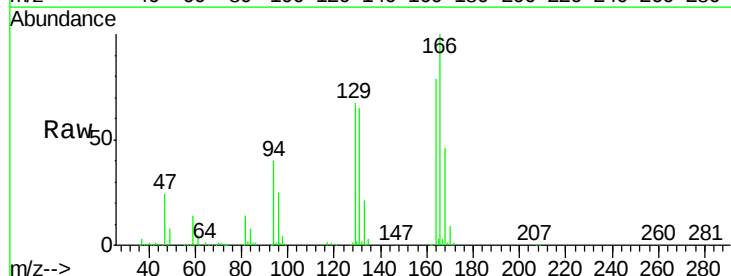
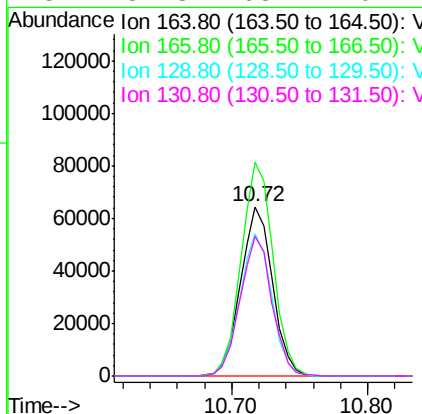
Manual Integrations
APPROVED

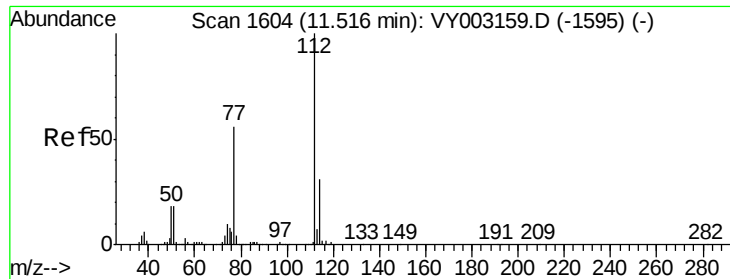
MMDadoda
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#64
Tetrachloroethene
Concen: 20.639 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105503		
166	126.3		102.9	154.3
129	84.0		71.4	107.2
131	82.3		68.1	102.1





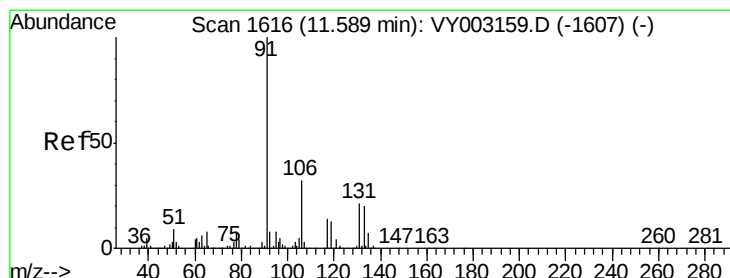
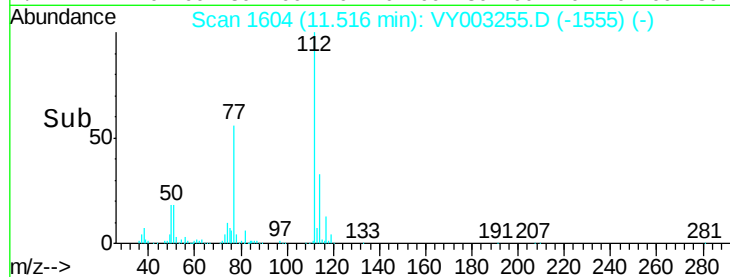
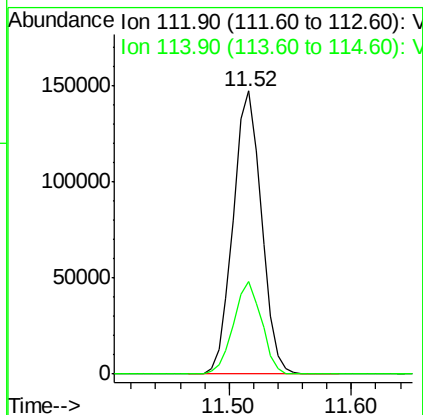
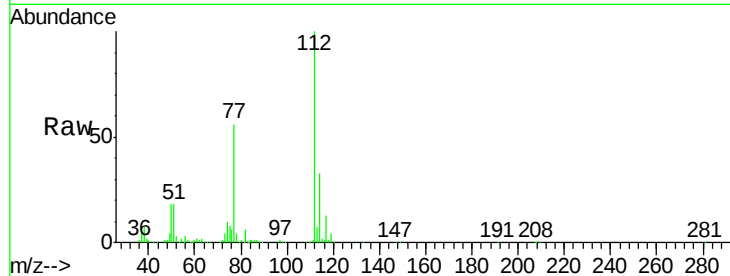
#65
Chlorobenzene
Concen: 21.294 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion:112 Resp: 235179
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1

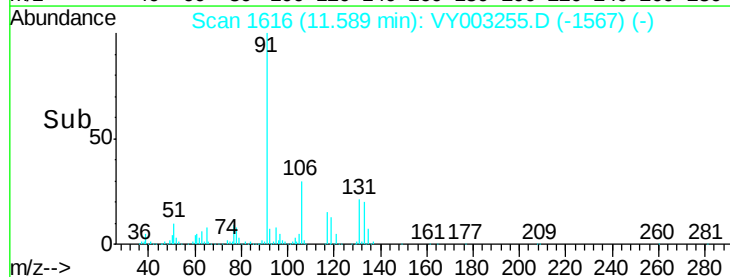
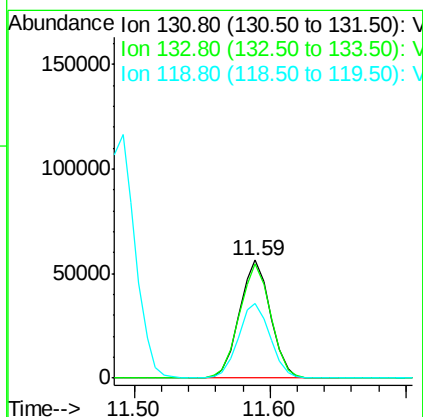
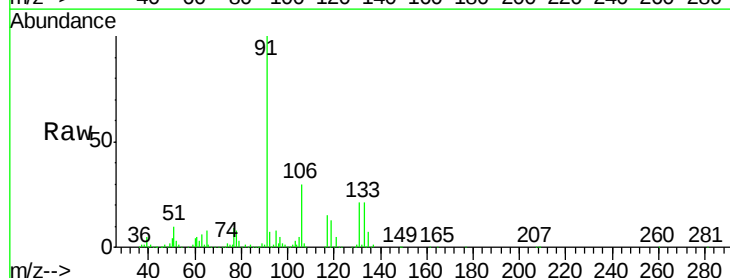
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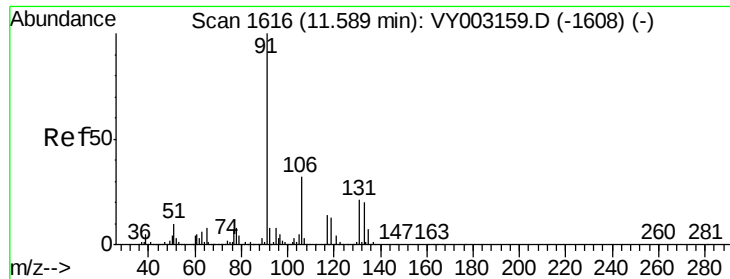
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.912 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion:131 Resp: 89704
Ion Ratio Lower Upper
131 100
133 98.1 48.0 144.0
119 64.8 32.4 97.0





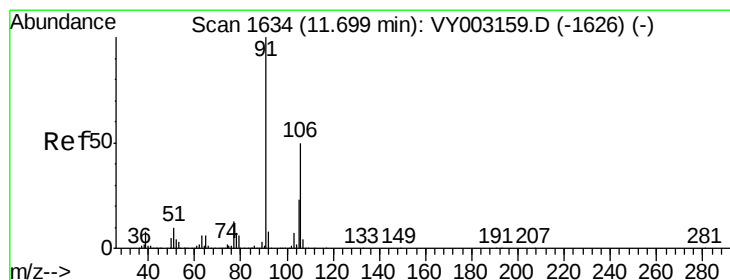
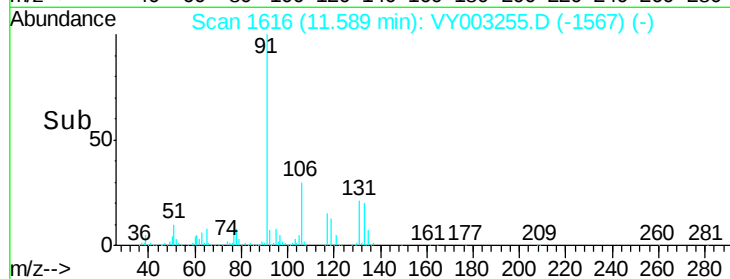
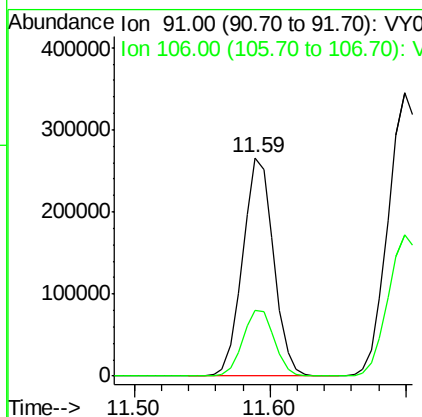
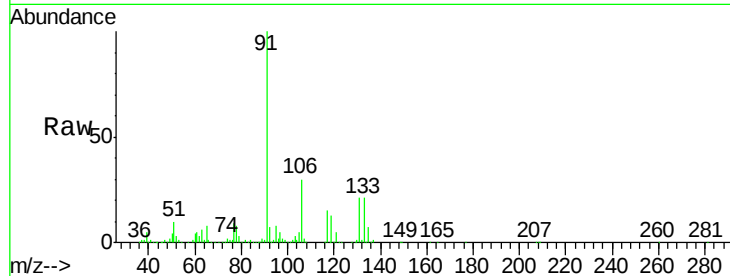
#67
Ethyl Benzene
Concen: 21.413 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.5	38.3

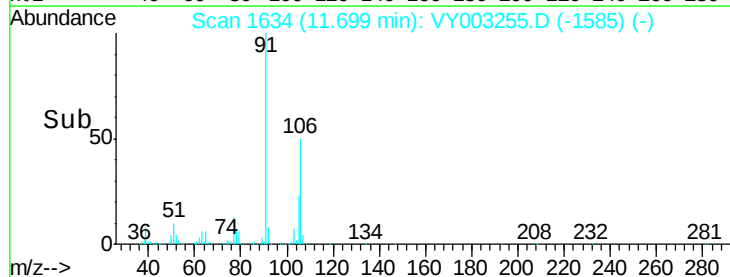
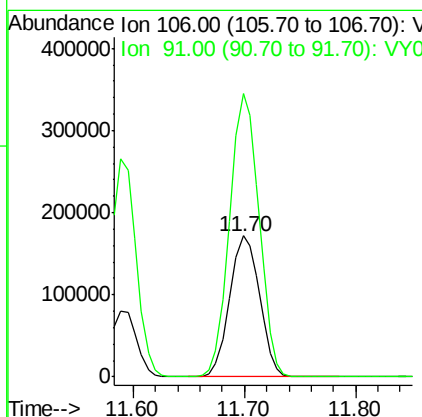
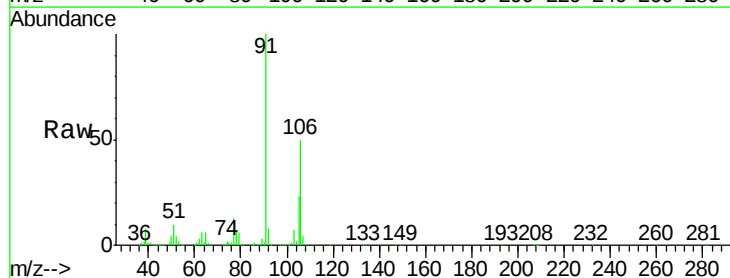
Manual Integrations
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#68
m/p-Xylenes
Concen: 42.657 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.8	159.0	238.6





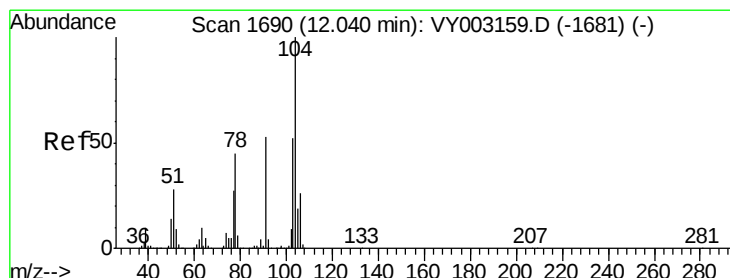
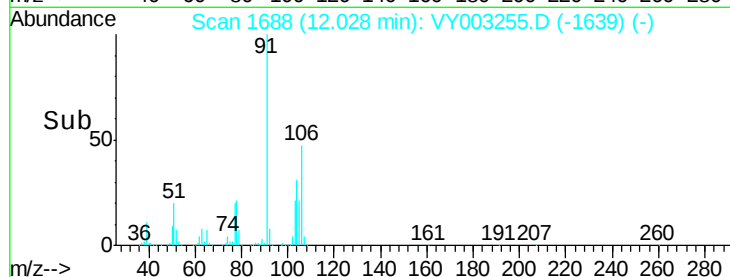
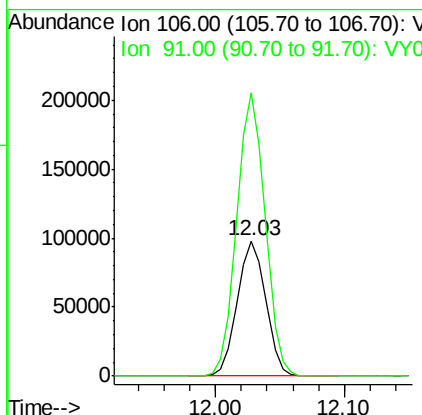
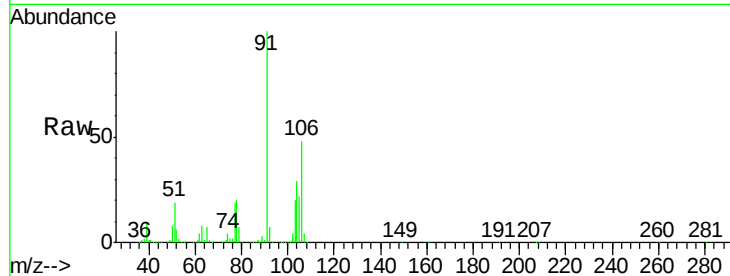
#69
o-Xylene
Concen: 21.511 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion:106 Resp: 150360
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.1

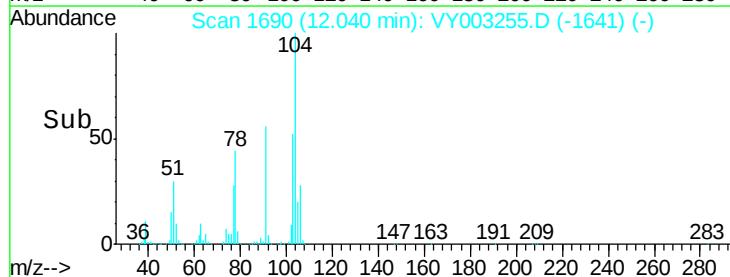
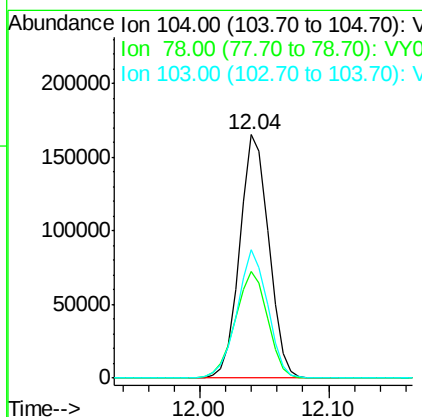
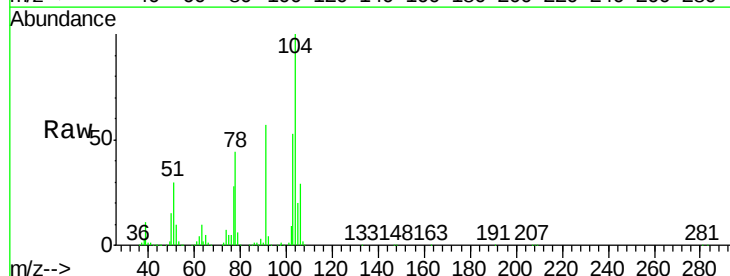
Manual Integrations
APPROVED

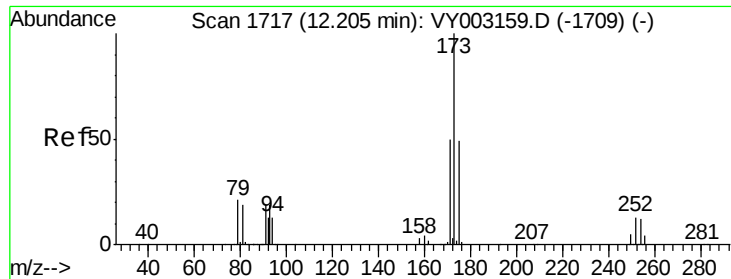
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#70
Styrene
Concen: 21.573 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion:104 Resp: 257957
Ion Ratio Lower Upper
104 100
78 48.9 38.5 57.7
103 55.7 43.9 65.9





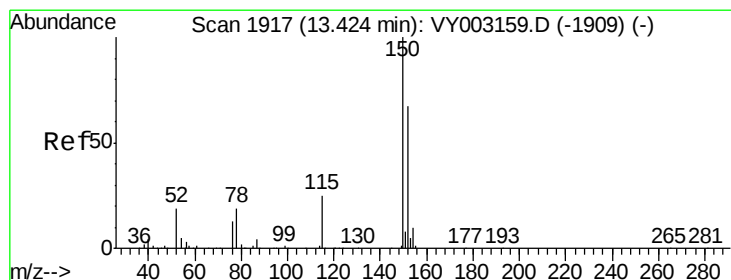
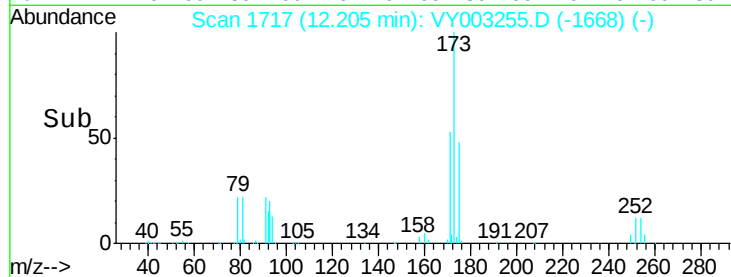
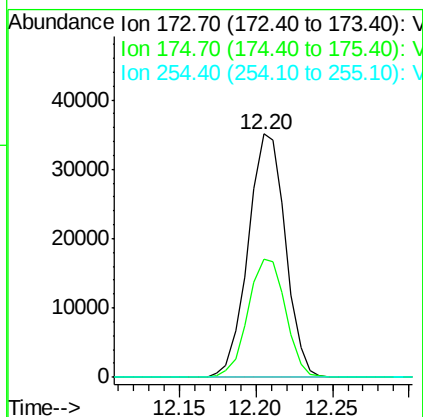
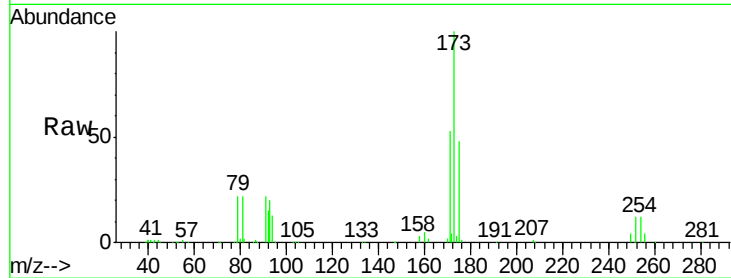
#71
Bromoform
Concen: 21.166 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	73.0
254	0.0	0.2	0.2

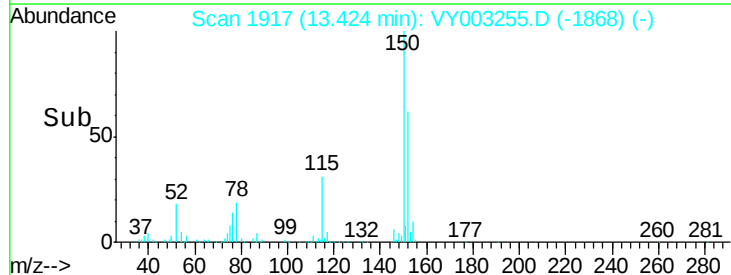
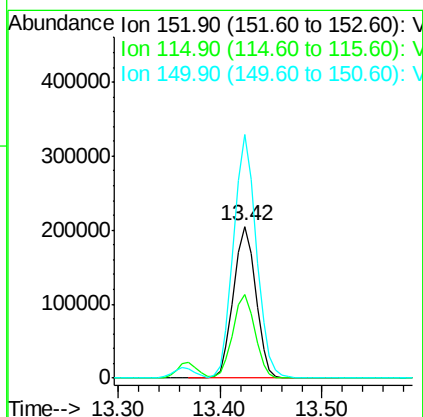
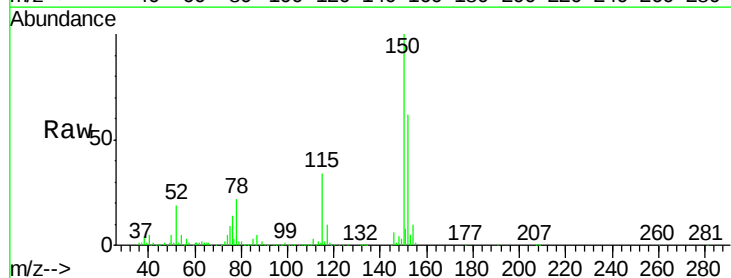
Manual Integrations
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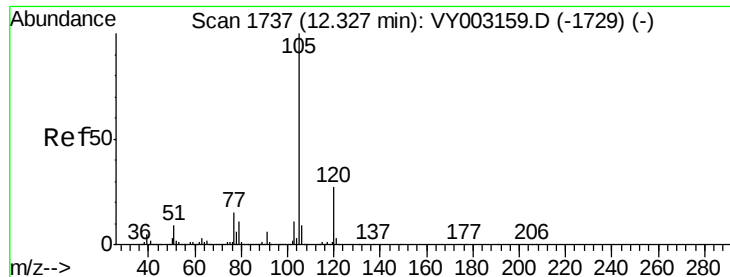
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.9	80.7
150	163.2	0.0	338.0





#73

Isopropylbenzene

Concen: 20.707 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 105 Resp: 409090

Ion Ratio Lower Upper

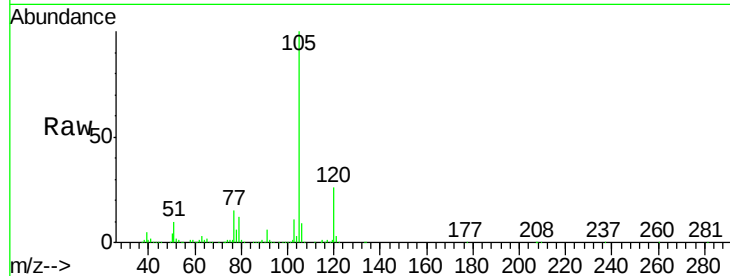
105 100

120 27.0 13.4 40.2

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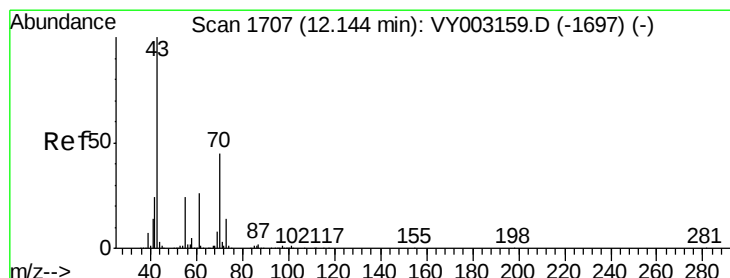
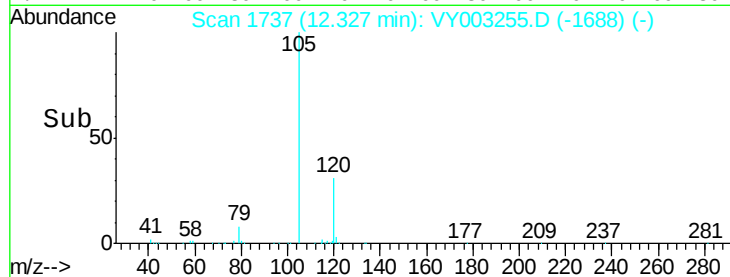
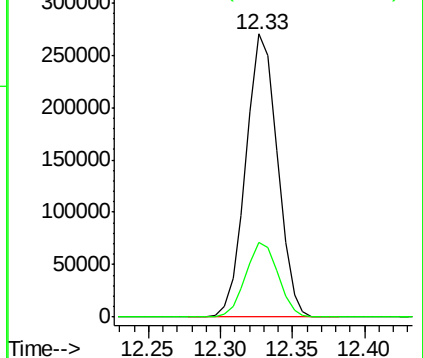
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.083 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion: 43 Resp: 122412

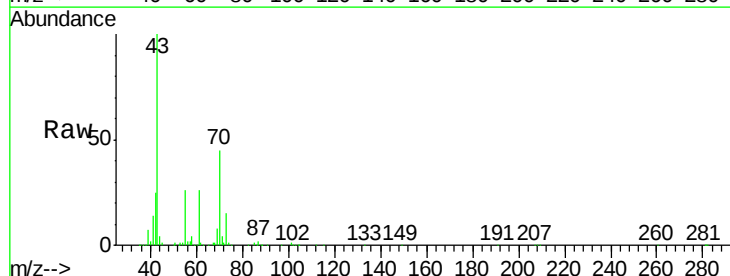
Ion Ratio Lower Upper

43 100

70 44.6 35.6 53.4

55 25.3 19.4 29.2

61 25.8 20.8 31.2

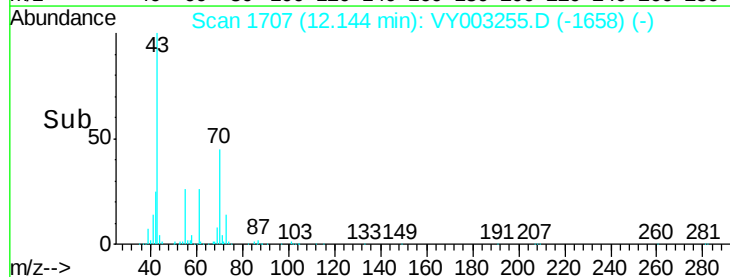
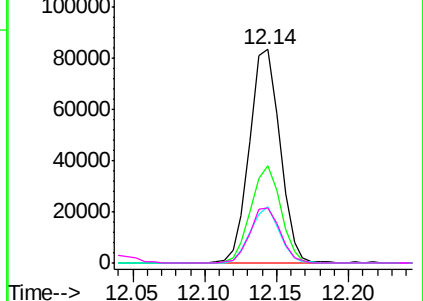


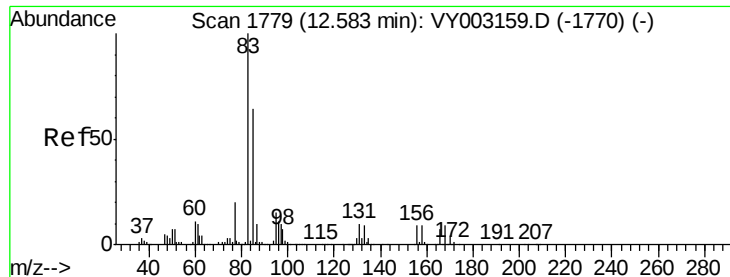
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.000 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

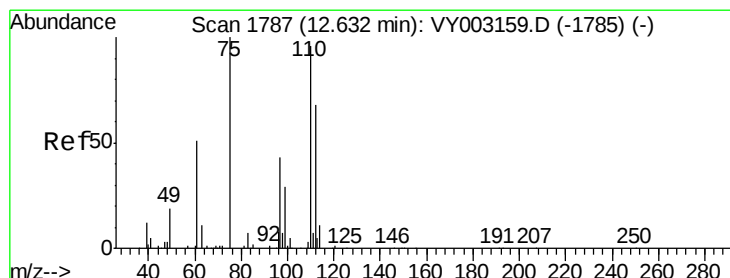
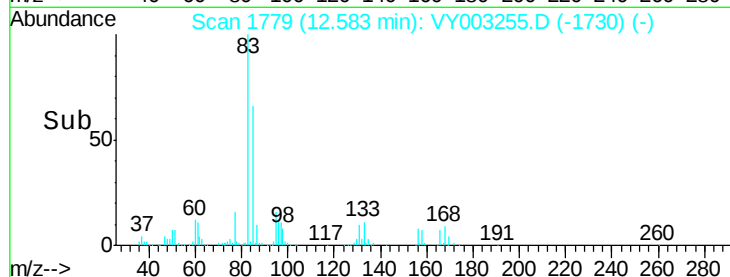
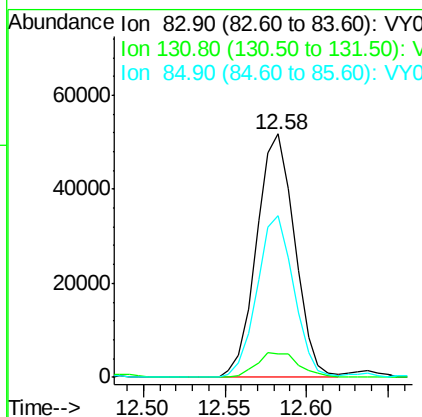
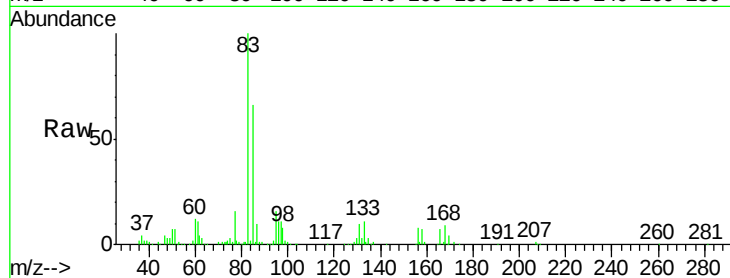
ClientSampleId :

VY0721SBS01

Tot Ion:	83	Resp:	83943
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.2	15.6
85	64.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 26.526 ug/l m

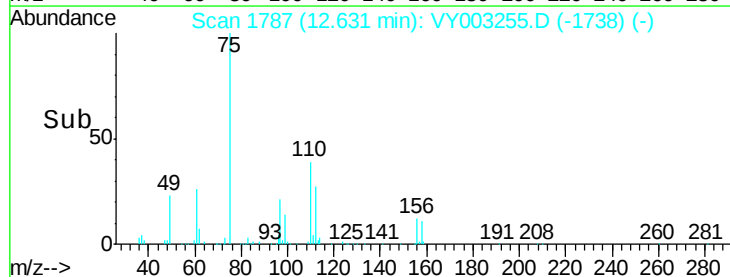
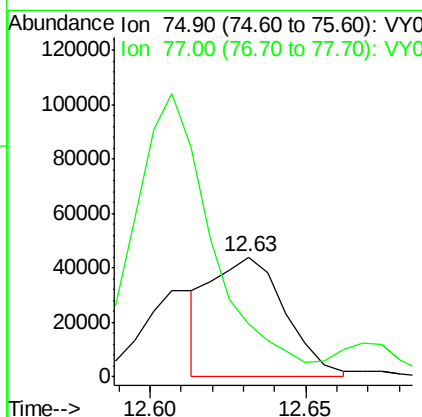
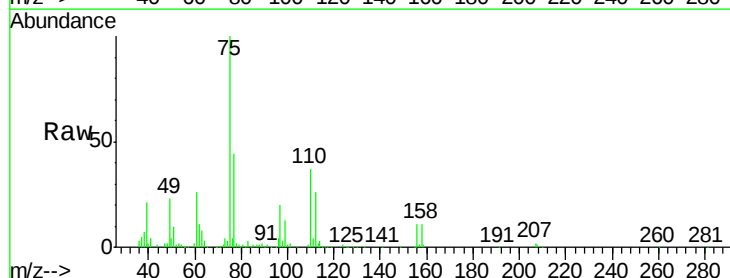
RT: 12.63 min Scan# 1787

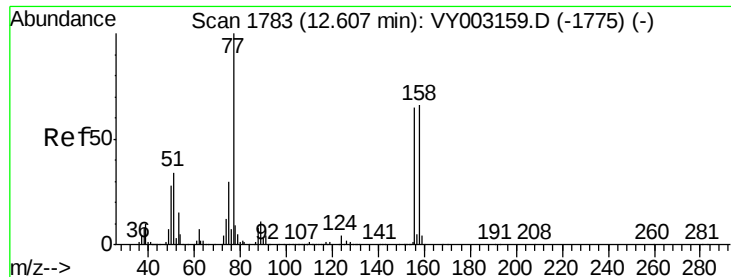
Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion:	75	Resp:	72793
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.010 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

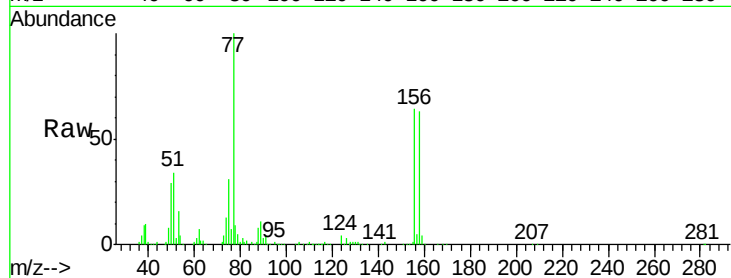
ClientSampleId :

VY0721SBS01

Tot Ion:	156	Resp:	105806
Ion Ratio	Lower	Upper	
156	100		
77	173.4	86.6	259.7
158	96.9	49.4	148.0

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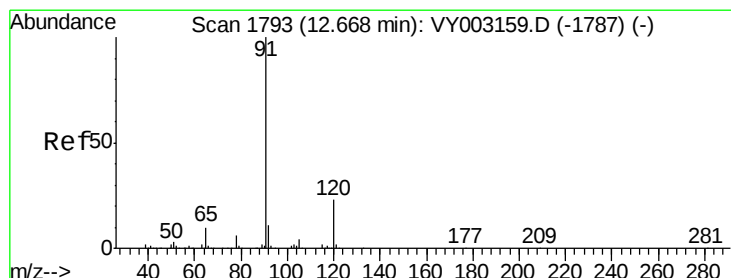
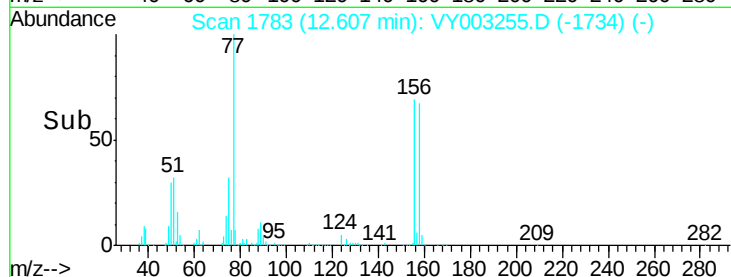
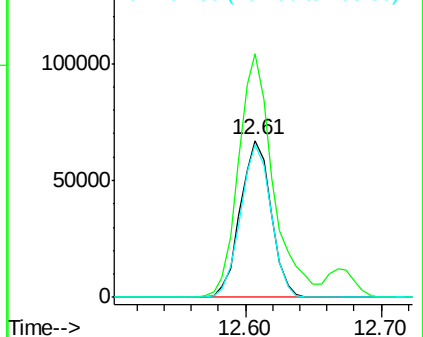
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.052 ug/l

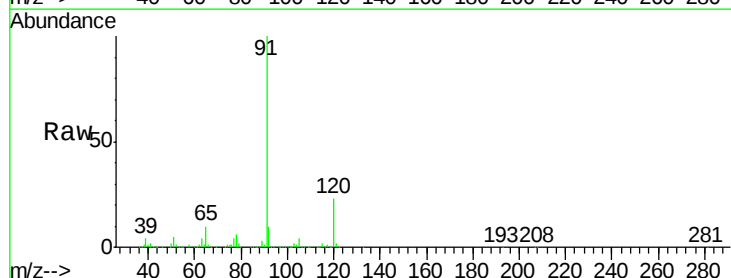
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003255.D

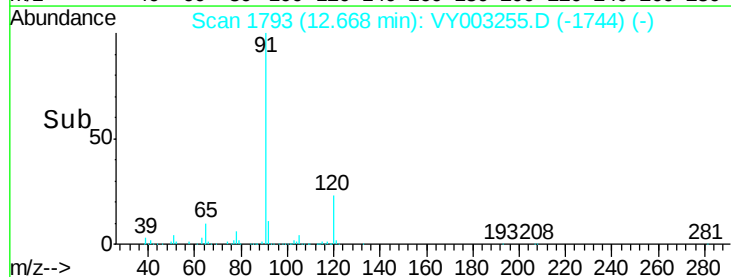
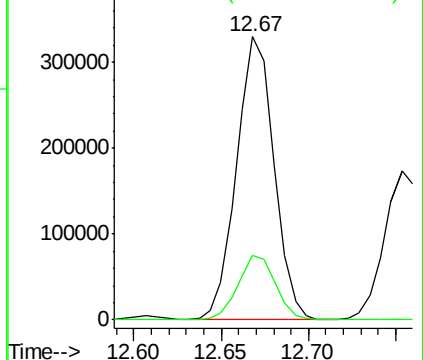
Acq: 21 Jul 2020 17:41

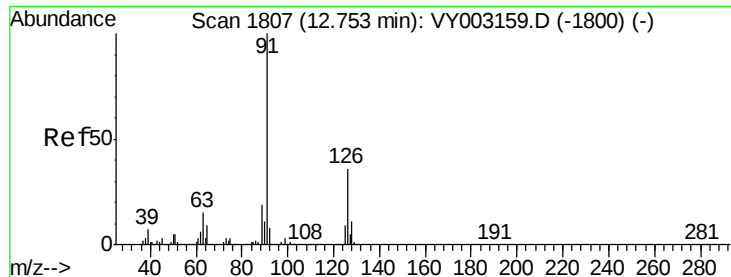
Tgt Ion:	91	Resp:	490253
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





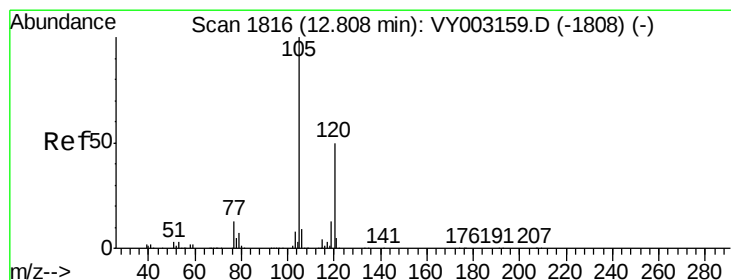
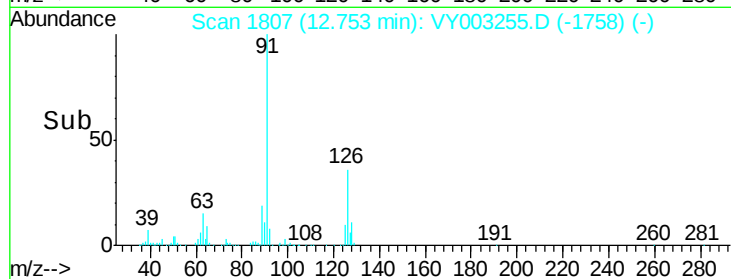
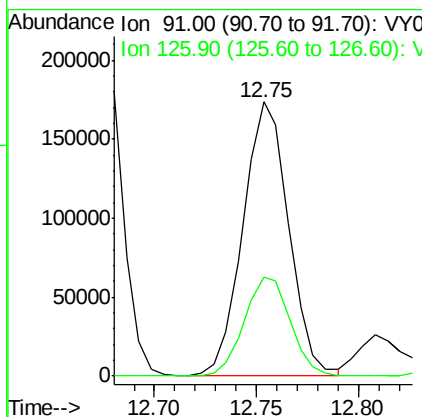
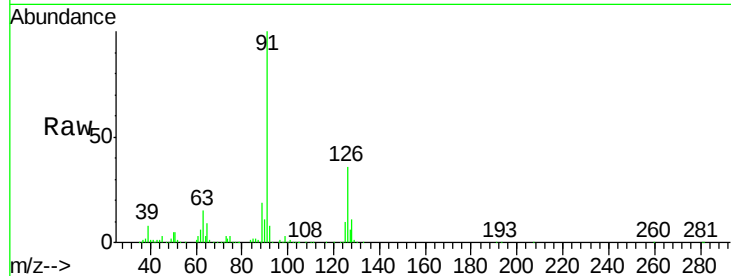
#79
2-Chlorotoluene
Concen: 20.819 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.5	17.6	52.9

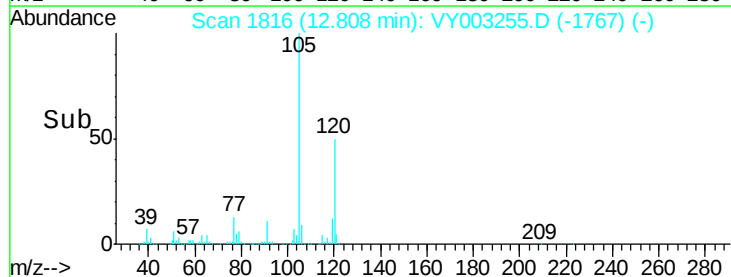
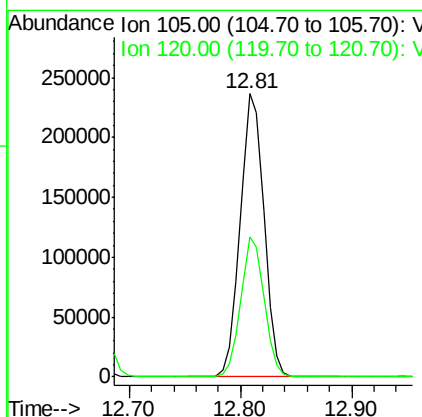
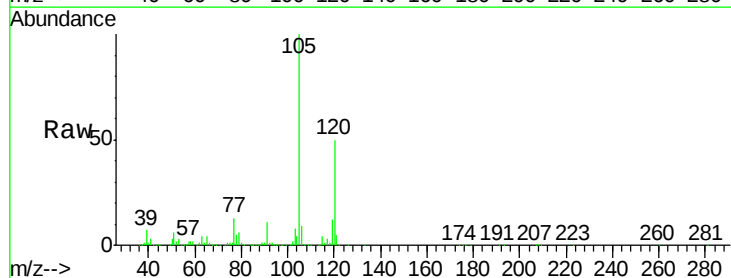
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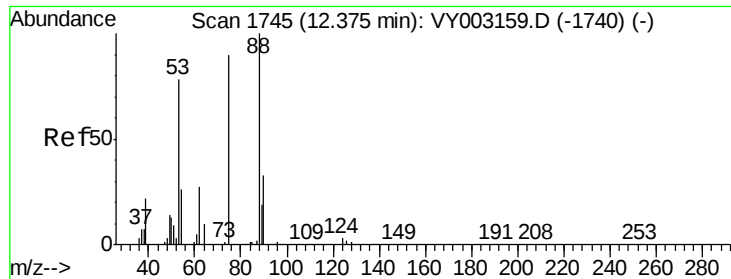
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#80
1,3,5-Trimethylbenzene
Concen: 21.253 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.159 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

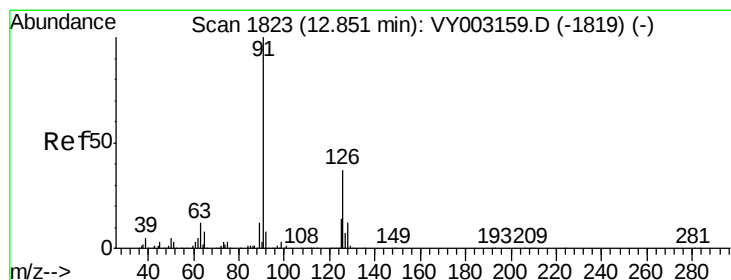
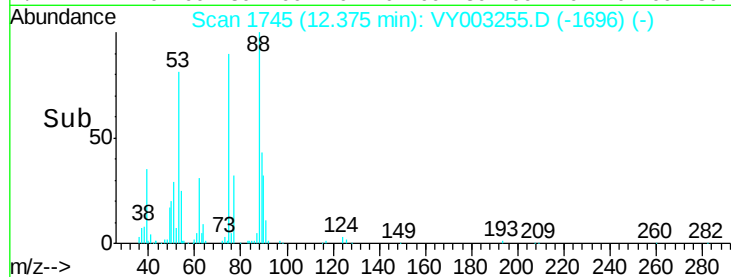
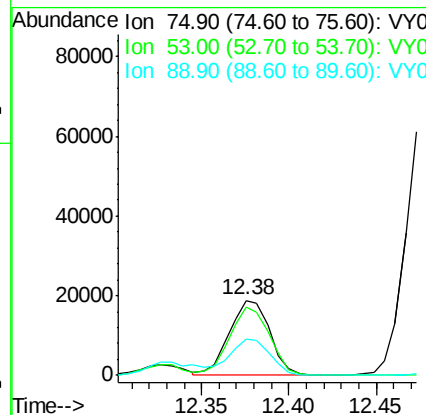
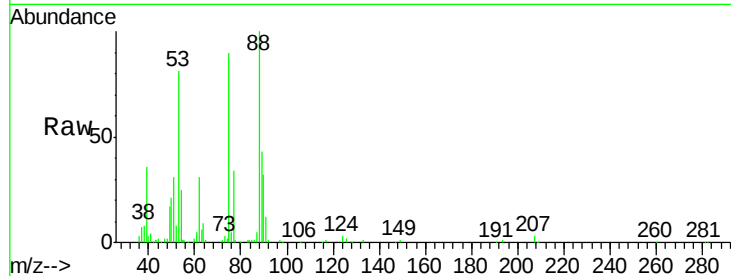
ClientSampleId :

VY0721SBS01

Tot Ion:	75	Resp:	29835
Ion Ratio	Lower	Upper	
75	100		
53	91.2	72.0	108.0
89	49.7	37.3	55.9

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#82

4-Chlorotoluene

Concen: 20.947 ug/l

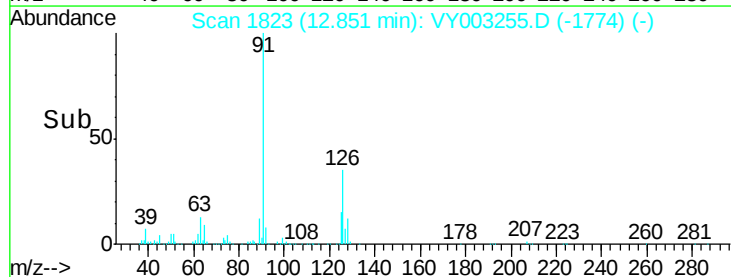
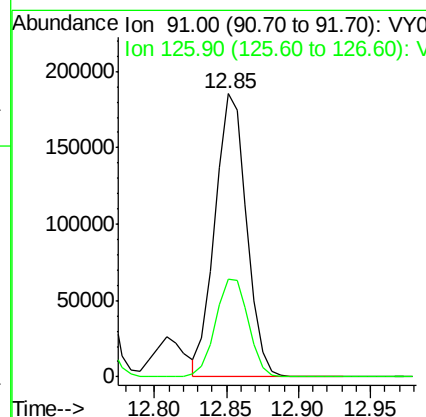
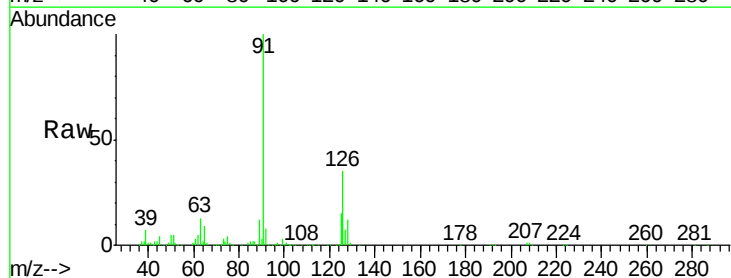
RT: 12.85 min Scan# 1823

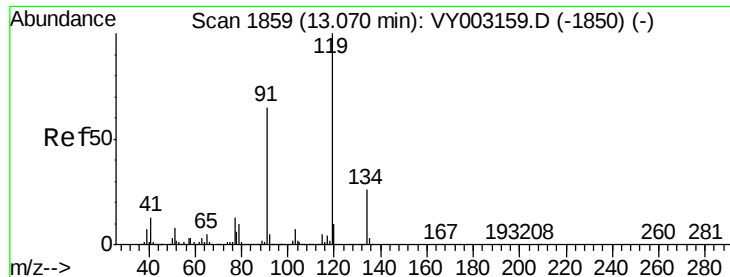
Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion:	91	Resp:	284078
Ion Ratio	Lower	Upper	
91	100		
126	36.0	17.9	53.7





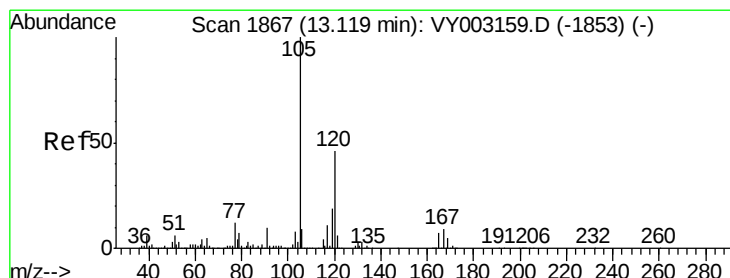
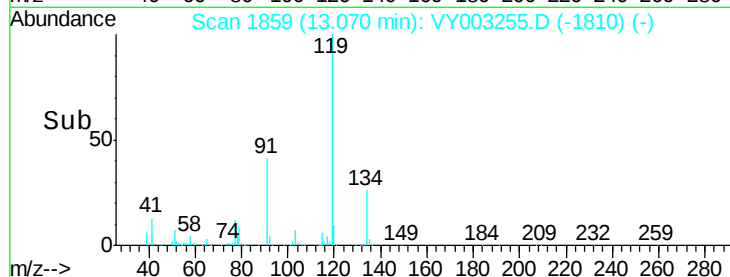
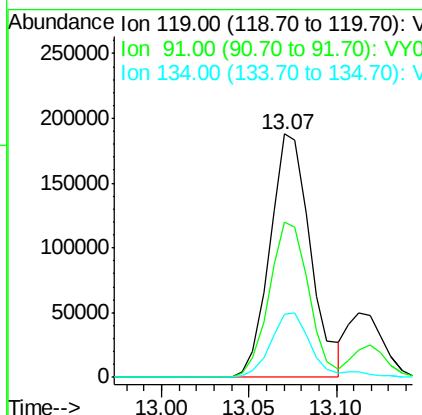
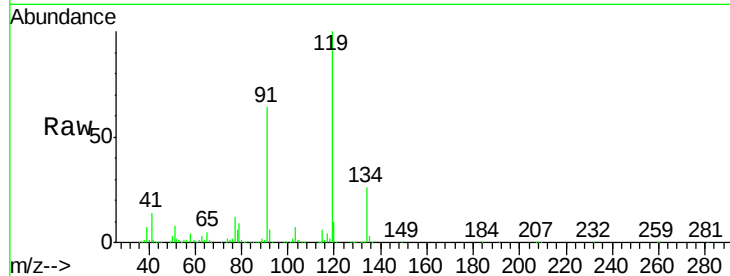
#83
tert-Butylbenzene
Concen: 21.073 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.8	92.4
134	26.8	13.2	39.6

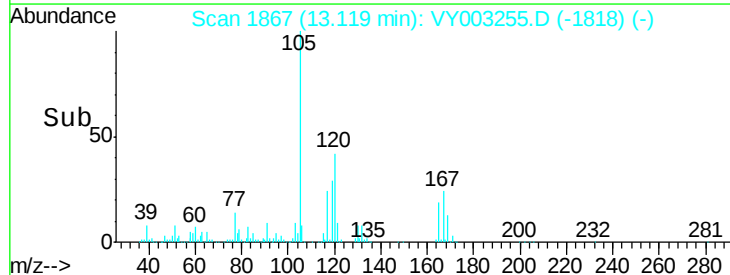
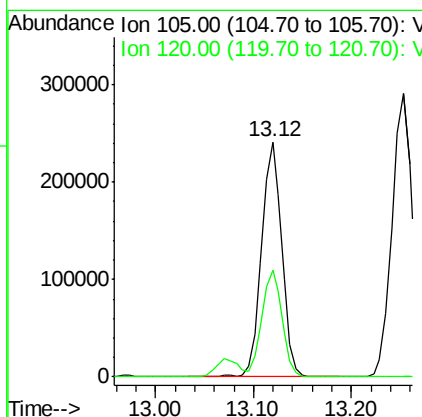
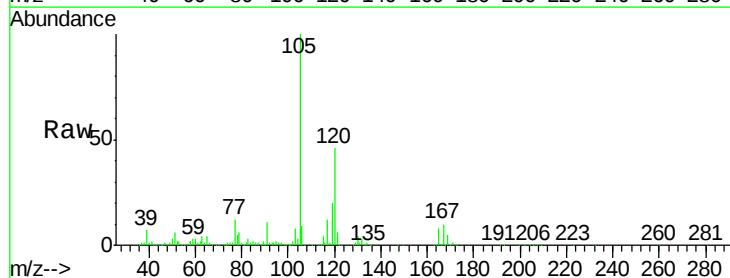
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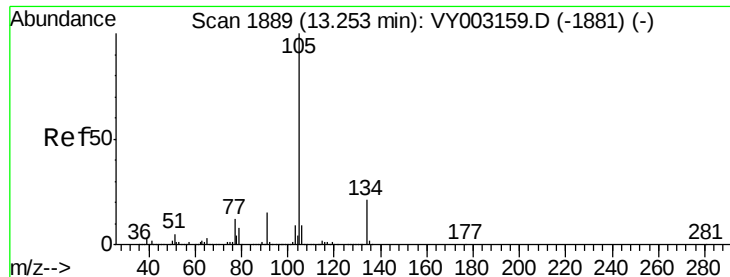
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#84
1,2,4-Trimethylbenzene
Concen: 21.089 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.5	67.5





#85

sec-Butylbenzene

Concen: 21.122 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion:105 Resp: 421793

Ion Ratio Lower Upper

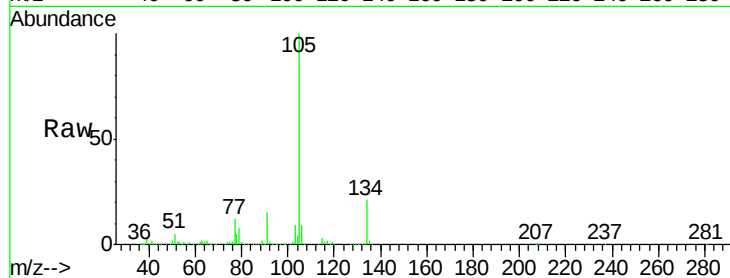
105 100

134 20.7 10.4 31.4

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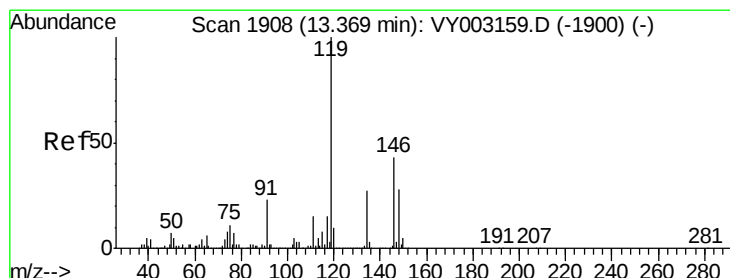
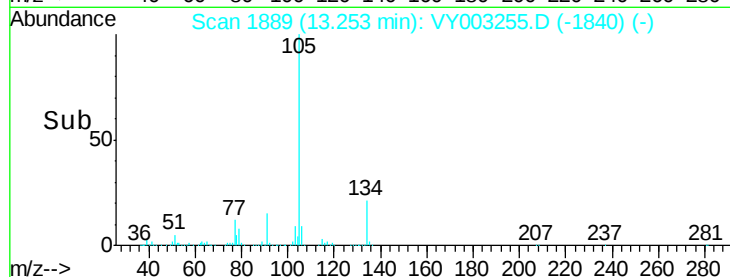
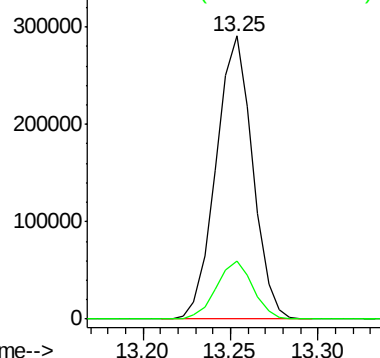
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.903 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

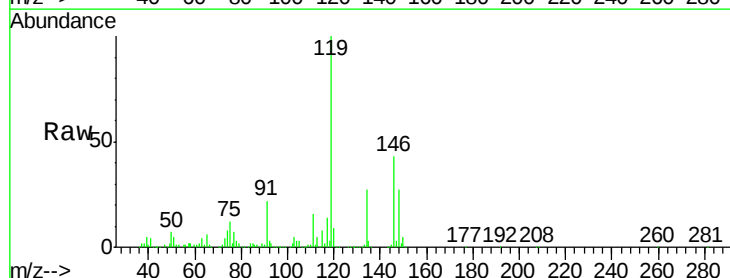
Tgt Ion:119 Resp: 389755

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

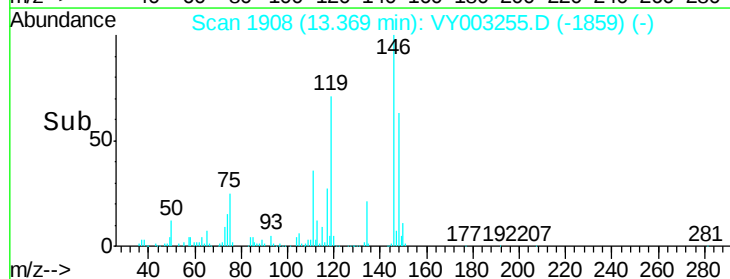
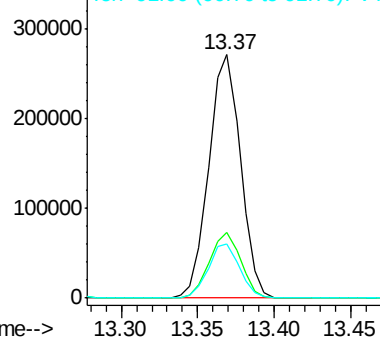
91 22.0 11.2 33.6

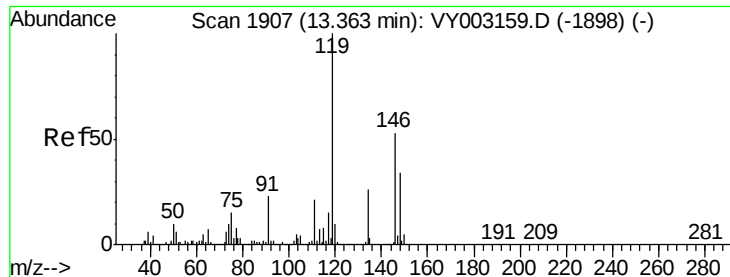


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





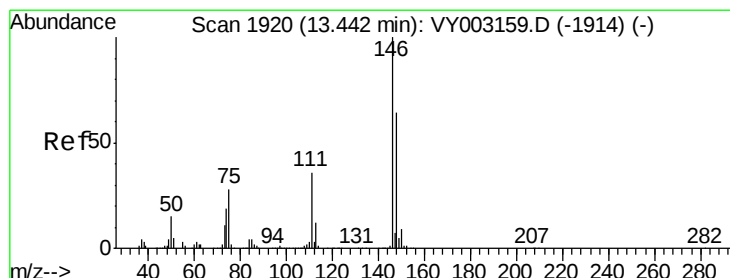
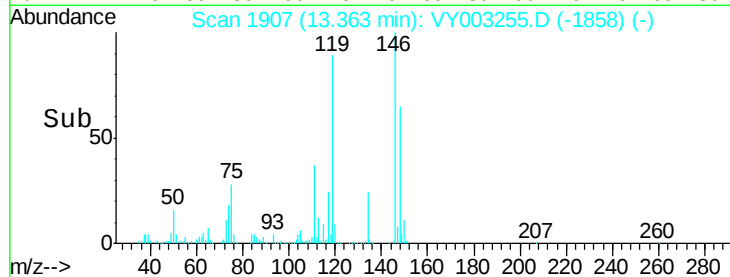
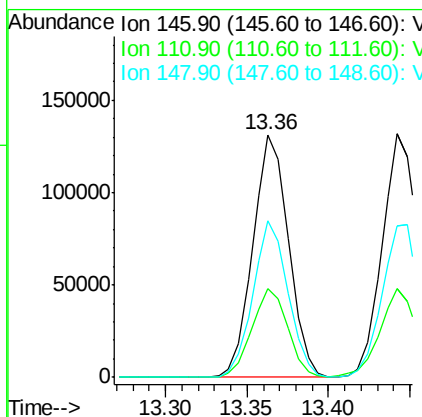
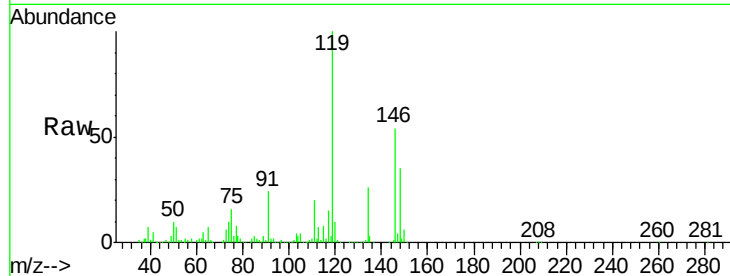
#87
 1,3-Dichlorobenzene
 Concen: 20.927 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	199290		
111	36.8	18.8	56.3	
148	63.6	32.3	96.9	

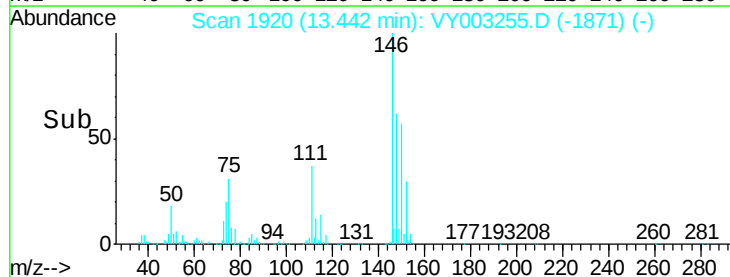
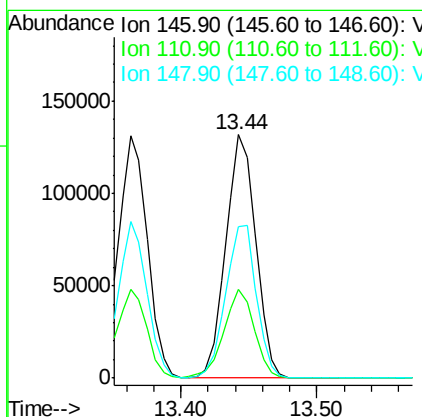
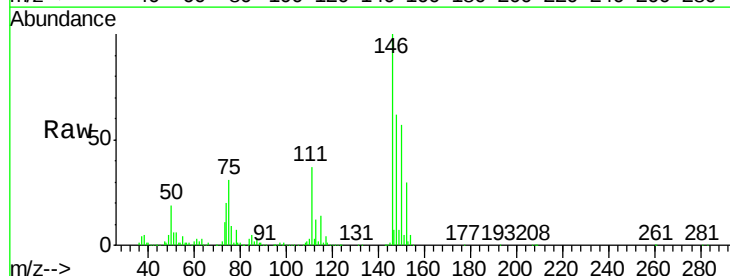
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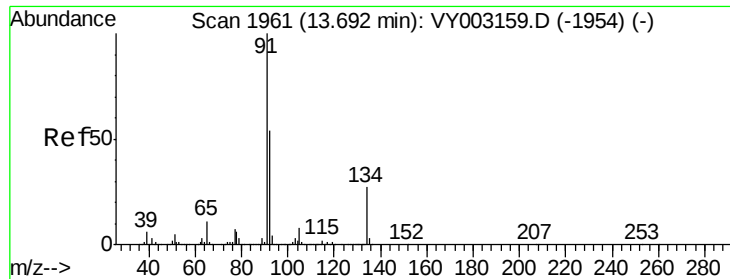
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#88
 1,4-Dichlorobenzene
 Concen: 21.411 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	201872		
111	37.0	18.4	55.0	
148	64.3	32.0	96.0	





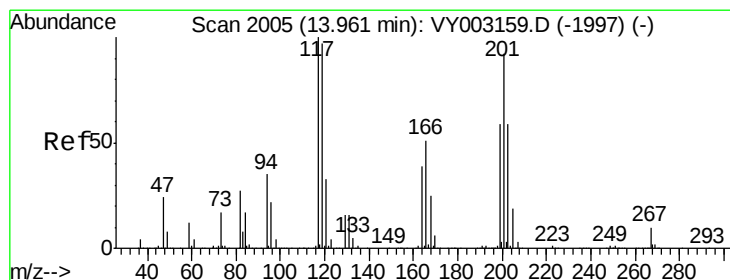
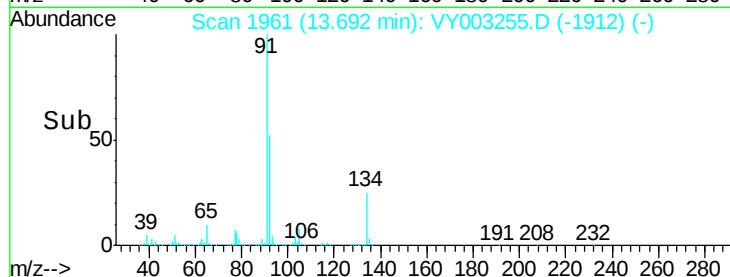
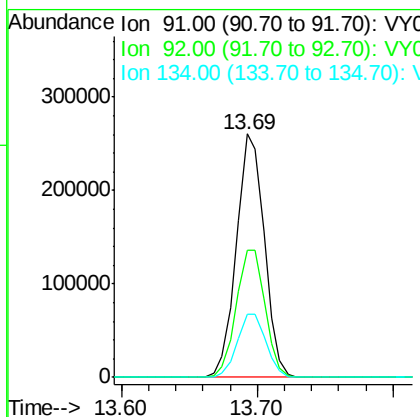
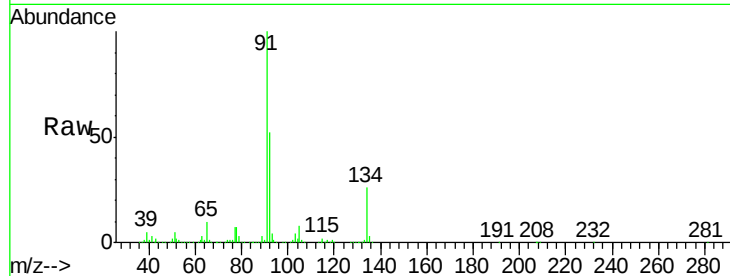
#89
n-Butylbenzene
Concen: 21.260 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.9	80.7
134	26.8	13.6	40.7

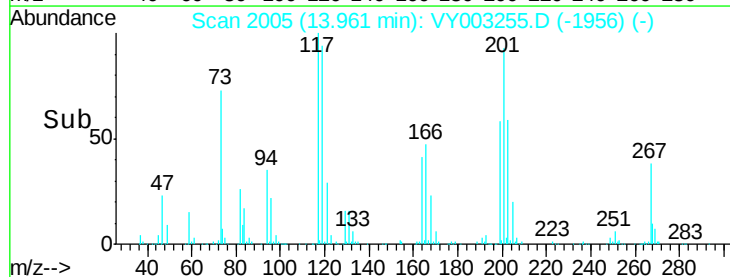
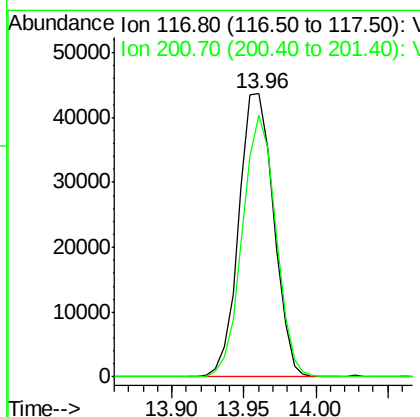
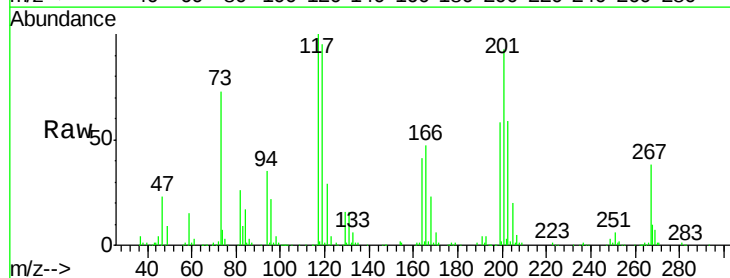
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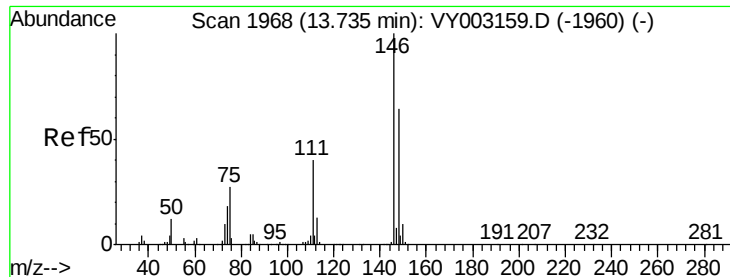
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#90
Hexachloroethane
Concen: 21.585 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	45.1	135.3





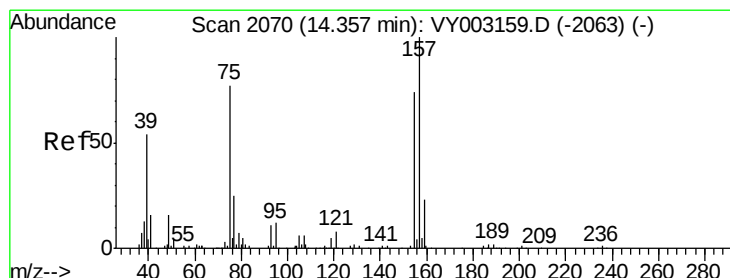
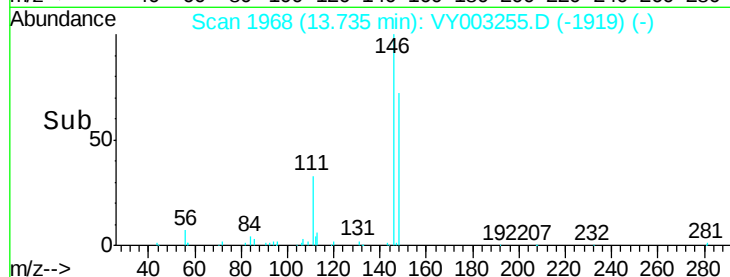
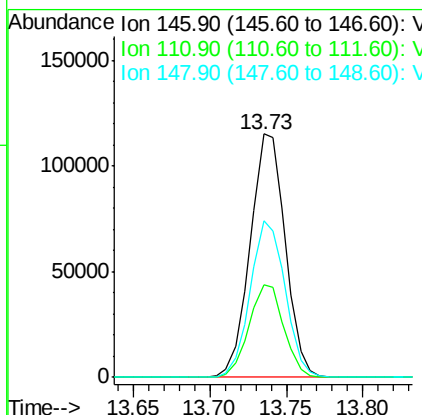
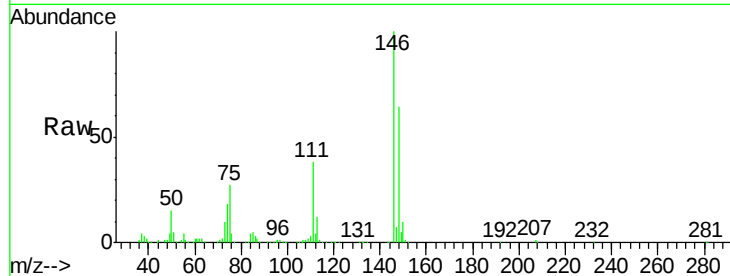
#91
1,2-Dichlorobenzene
Concen: 21.991 ug/l
RT: 13.73 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.6	58.8
148	64.0	32.4	97.0

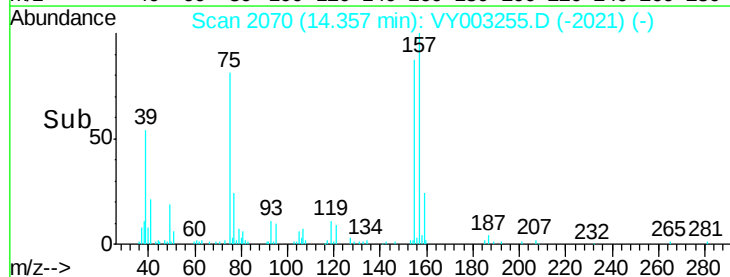
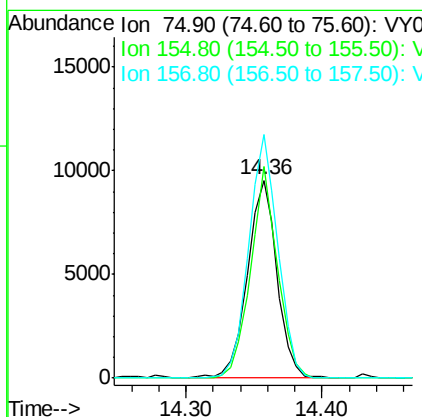
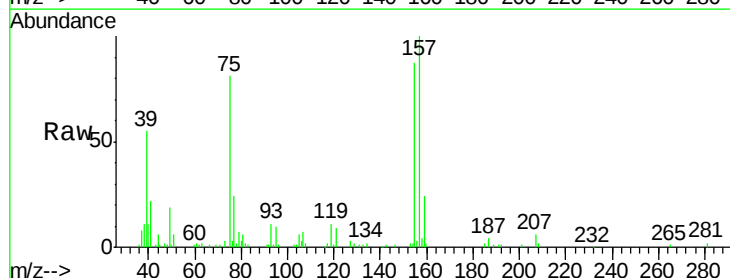
Manual Integrations
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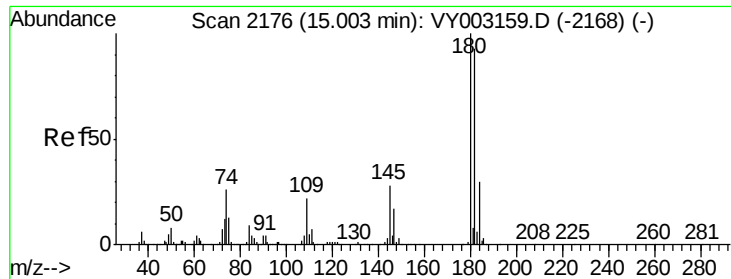
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#92
1,2-Dibromo-3-Chloropropane
Concen: 23.492 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	48.1	144.3
157	120.7	61.9	185.6





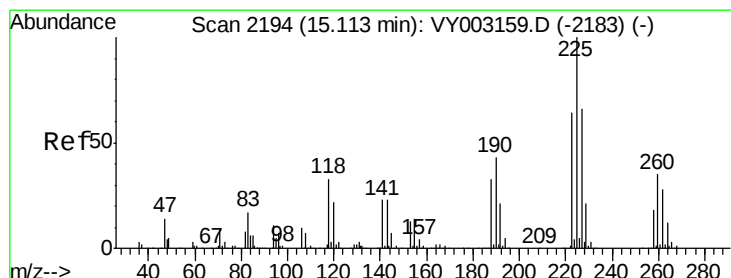
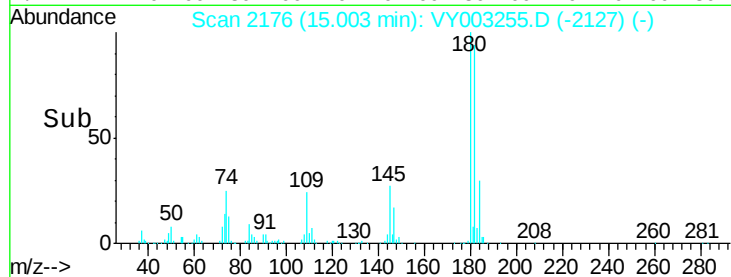
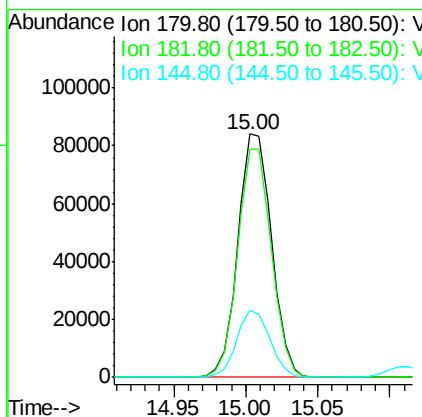
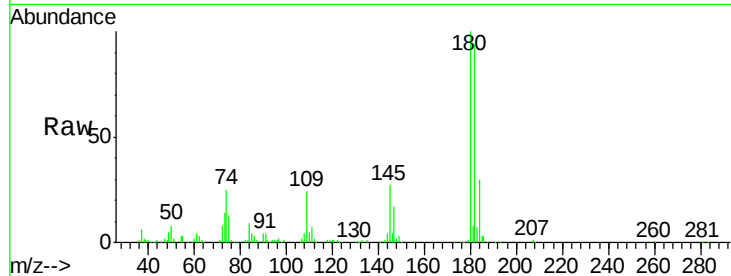
#93
 1,2,4-Trichlorobenzene
 Concen: 22.924 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136290		
182	93.9	47.3	142.0	
145	27.3	13.7	41.1	

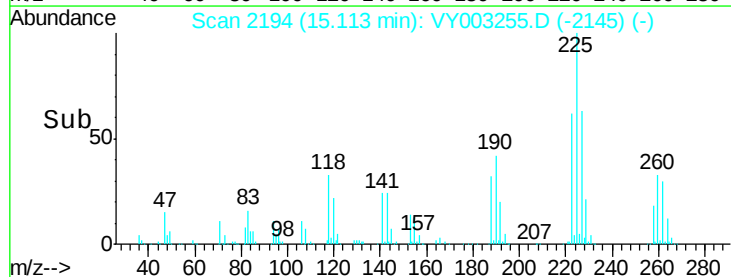
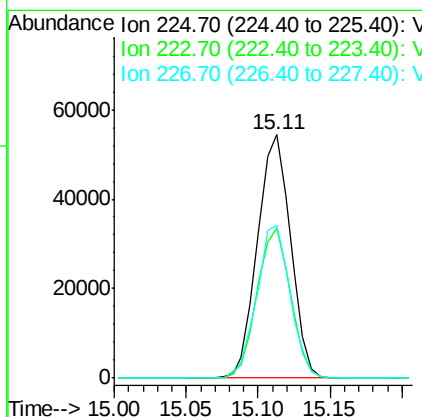
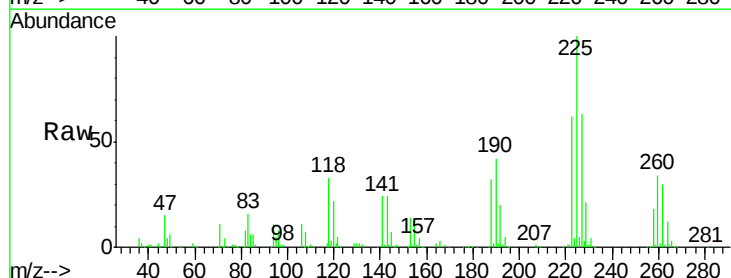
Manual Integrations
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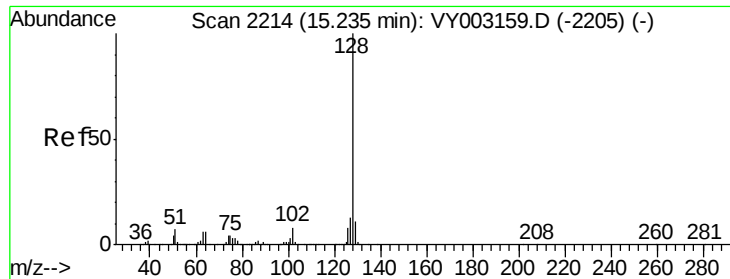
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#94
 Hexachlorobutadiene
 Concen: 21.193 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86338		
223	62.3	31.6	94.7	
227	63.3	32.3	96.8	





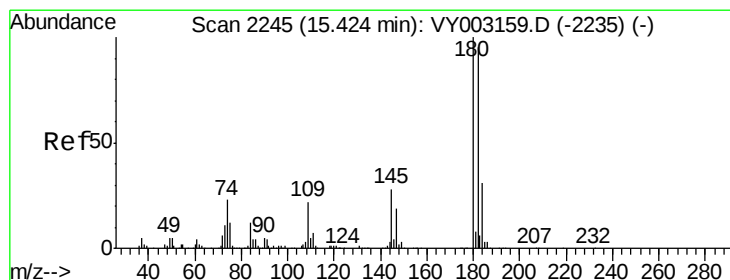
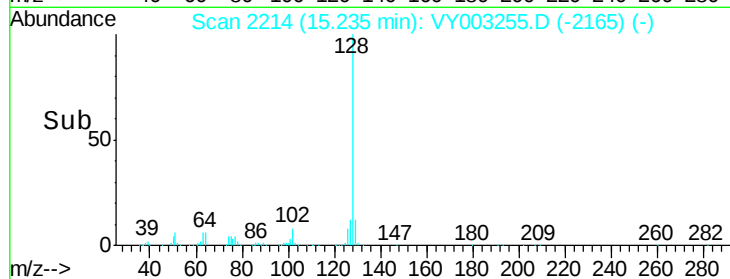
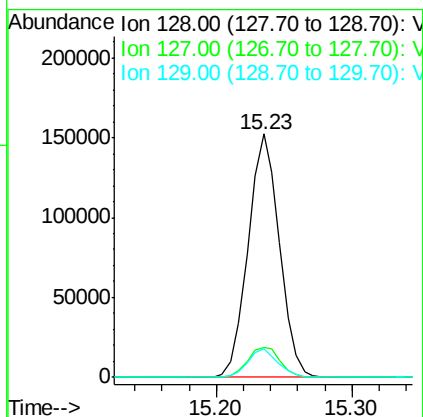
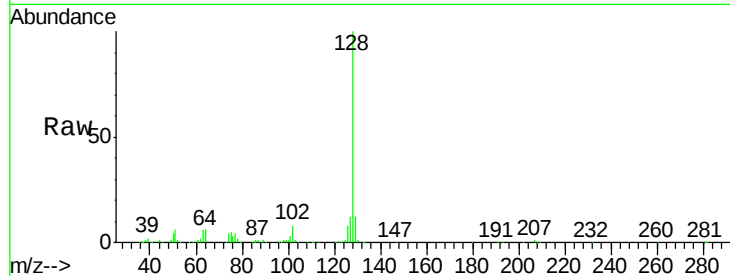
#95
Naphthalene
Concen: 24.961 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion:	128	Resp:	245261
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.9	16.3
129	11.3	9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 24.621 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion:	180	Resp:	115712
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.8	146.3
145	28.9	14.9	44.5

