

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002918.D
 Acq On : 18 Jun 2020 14:36
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:12:14 PM

Quant Time: Jun 19 05:30:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	226390	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	121782	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
35) Dibromofluoromethane	7.72	113	127181	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	10.18	98	474080	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	
62) 4-Bromofluorobenzene	12.48	95	174742	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	38892	18.564	ug/l	92
3) Chloromethane	2.12	50	45457	19.616	ug/l	100
4) Vinyl Chloride	2.26	62	48464	19.786	ug/l	99
5) Bromomethane	2.65	94	36539	19.906	ug/l	93
6) Chloroethane	2.79	64	32789	20.650	ug/l	100
7) Trichlorofluoromethane	3.13	101	93952	21.658	ug/l	96
8) Diethyl Ether	3.54	74	34160	20.167	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	58290	22.631	ug/l	100
10) Methyl Iodide	4.10	142	74367	20.634	ug/l	100
11) Tert butyl alcohol	4.97	59	33862	112.129	ug/l	99
12) 1,1-Dichloroethene	3.88	96	55510	21.430	ug/l	98
13) Acrolein	3.74	56	19822	63.980	ug/l	99
14) Allyl chloride	4.49	41	79603	21.427	ug/l	99
15) Acrylonitrile	5.18	53	83035	108.661	ug/l	100
16) Acetone	3.96	43	67988	109.672	ug/l	94
17) Carbon Disulfide	4.20	76	148362	18.954	ug/l	99
18) Methyl Acetate	4.49	43	40488	25.555	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	156412	21.873	ug/l	99
20) Methylene Chloride	4.72	84	75196	24.821	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	61551	21.130	ug/l	99
22) Diisopropyl ether	6.13	45	170550	22.092	ug/l	97
23) Vinyl Acetate	6.07	43	544514	106.832	ug/l	99
24) 1,1-Dichloroethane	6.03	63	99016	21.926	ug/l	100
25) 2-Butanone	7.00	43	104107	107.790	ug/l	100
26) 2,2-Dichloropropane	6.99	77	94189	21.747	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	69801	21.405	ug/l	99
28) Bromochloromethane	7.34	49	42271	22.801	ug/l	98
29) Tetrahydrofuran	7.36	42	67261	107.063	ug/l	99
30) Chloroform	7.52	83	105625	22.041	ug/l	96
31) Cyclohexane	7.78	56	89719	20.010	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	97236	21.775	ug/l	100
36) 1,1-Dichloropropene	7.93	75	80635	21.415	ug/l	100
37) Ethyl Acetate	7.08	43	45628	22.272	ug/l	99
38) Carbon Tetrachloride	7.91	117	91976	21.988	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	102699	20.692	ug/l	97
40) Benzene	8.16	78	238859	21.468	ug/l	100
41) Methacrylonitrile	7.32	41	27619	25.094	ug/l #	35
42) 1,2-Dichloroethane	8.24	62	67604	21.681	ug/l	99
43) Isopropyl Acetate	8.28	43	84241	21.699	ug/l	99
44) Trichloroethene	8.94	130	74590	21.224	ug/l	97
45) 1,2-Dichloropropane	9.22	63	58679	21.992	ug/l	98
46) Dibromomethane	9.31	93	34446	21.738	ug/l	99
47) Bromodichloromethane	9.50	83	82428	22.065	ug/l	98
48) Methyl methacrylate	9.30	41	38201	21.797	ug/l	98
49) 1,4-Dioxane	9.30	88	9663	397.150	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	224648	109.277	ug/l	98
52) Toluene	10.24	92	156163	21.455	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	89310	21.889	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	101629	21.982	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	52399	21.599	ug/l	98
56) Ethyl methacrylate	10.51	69	70513	21.701	ug/l	99
57) 1,3-Dichloropropane	10.79	76	87859	22.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	172104	108.397	ug/l	100
59) 2-Hexanone	10.83	43	158828	108.889	ug/l	100
60) Dibromochloromethane	10.99	129	68430	22.249	ug/l	99
61) 1,2-Dibromoethane	11.09	107	52039	21.746	ug/l	99
64) Tetrachloroethene	10.72	164	78741	20.763	ug/l	98
65) Chlorobenzene	11.52	112	177432	21.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	68247	21.971	ug/l	99
67) Ethyl Benzene	11.60	91	306777	21.456	ug/l	100
68) m/p-Xylenes	11.70	106	238605	43.042	ug/l	99
69) o-Xylene	12.03	106	112712	21.537	ug/l	100
70) Styrene	12.05	104	195602	21.561	ug/l	100
71) Bromoform	12.20	173	45199	21.747	ug/l #	100
73) Isopropylbenzene	12.33	105	311918	21.500	ug/l	100
74) N-amyl acetate	12.14	43	78819	21.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57876	22.736	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	46177m	22.637	ug/l	
77) Bromobenzene	12.61	156	79412	21.021	ug/l	98
78) n-propylbenzene	12.67	91	359624	21.459	ug/l	100
79) 2-Chlorotoluene	12.75	91	201173	21.400	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	260247	21.484	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22861	21.114	ug/l	99
82) 4-Chlorotoluene	12.86	91	212480	21.573	ug/l	100
83) tert-Butylbenzene	13.08	119	235336	21.780	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	263770	21.656	ug/l	99
85) sec-Butylbenzene	13.25	105	319218	21.606	ug/l	99
86) p-Isopropyltoluene	13.37	119	298857	21.739	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	155067	21.670	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	153900	21.500	ug/l	99
89) n-Butylbenzene	13.69	91	270789	21.696	ug/l	99
90) Hexachloroethane	13.96	117	55722	21.651	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	141385	21.787	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10933	22.324	ug/l	94

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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0618SBSD01

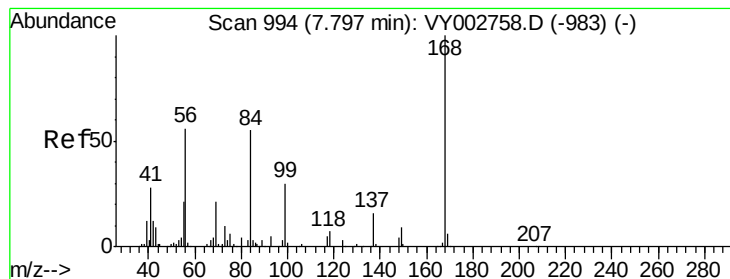
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	103596	21.179	ug/l	97
94) Hexachlorobutadiene	15.11	225	61400	22.131	ug/l	99
95) Naphthalene	15.23	128	205837	20.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94791	21.701	ug/l	97

(#) = 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: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:168 Resp: 304479

Ion Ratio Lower Upper

168 100

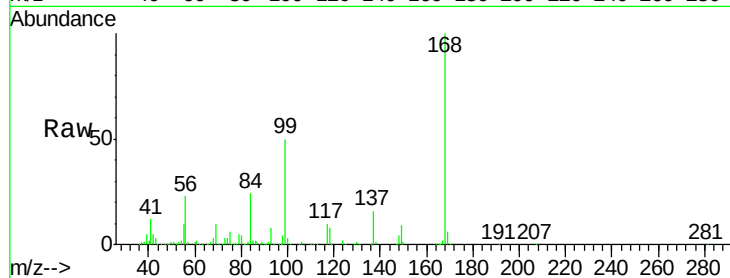
99 50.4 39.0 58.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

150000

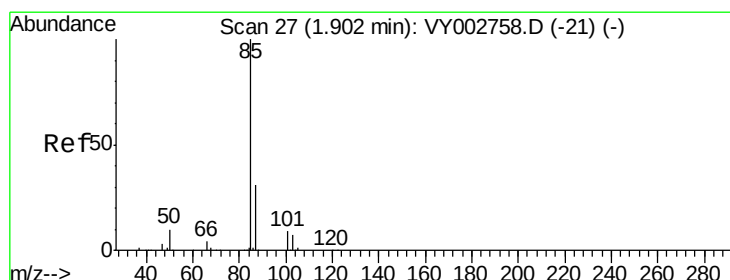
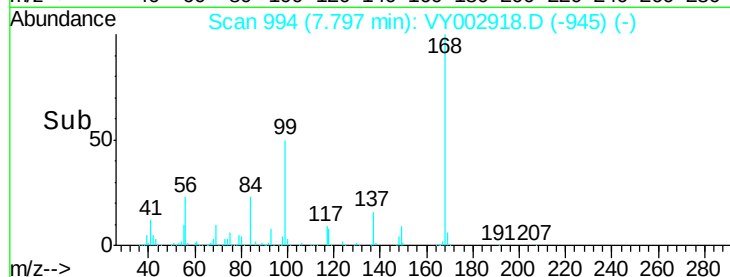
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.564 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002918.D

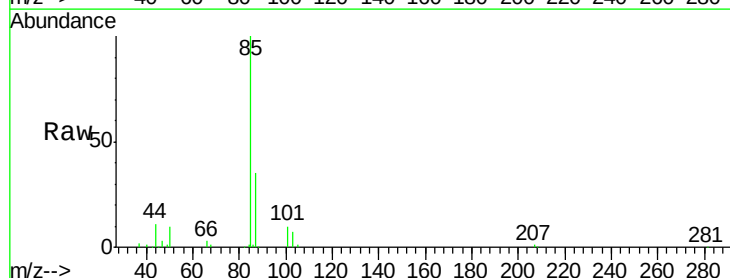
Acq: 18 Jun 2020 14:36

Tgt Ion: 85 Resp: 38892

Ion Ratio Lower Upper

85 100

87 35.3 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

30000

25000

20000

15000

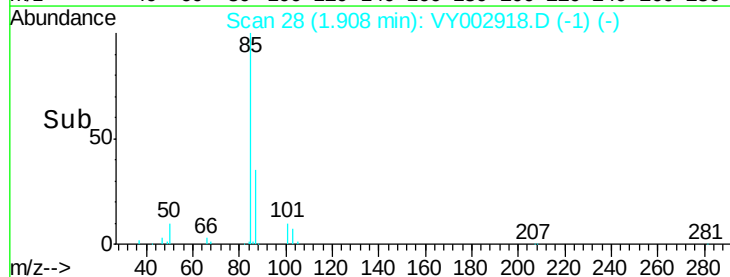
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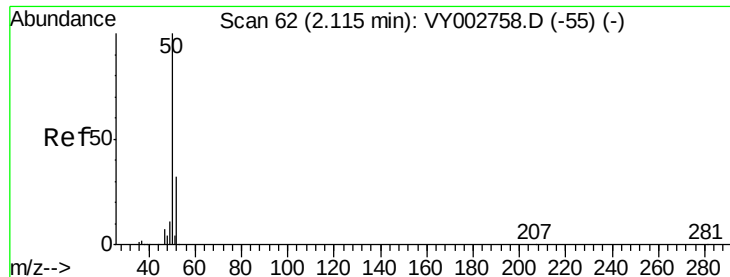
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.616 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 50 Resp: 45457

Ion Ratio Lower Upper

50 100

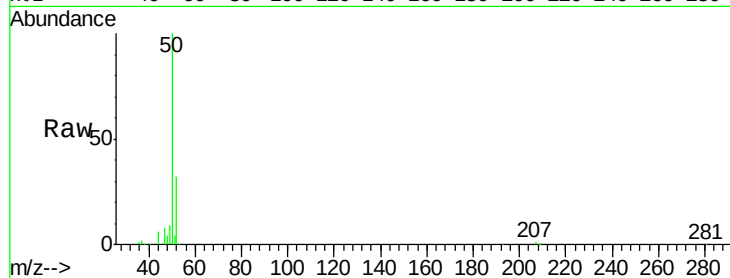
52 32.3 25.8 38.6

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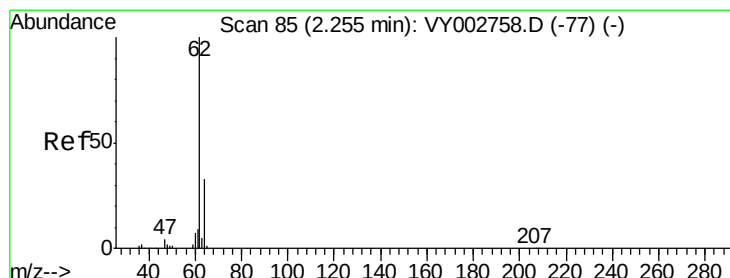
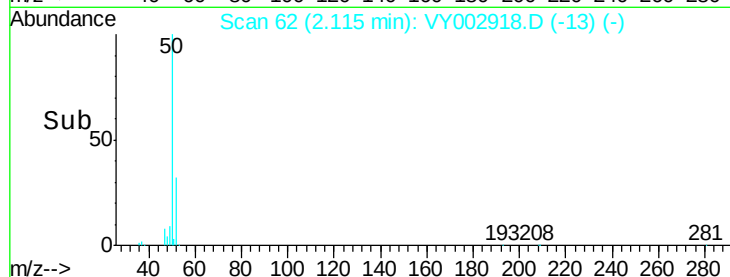
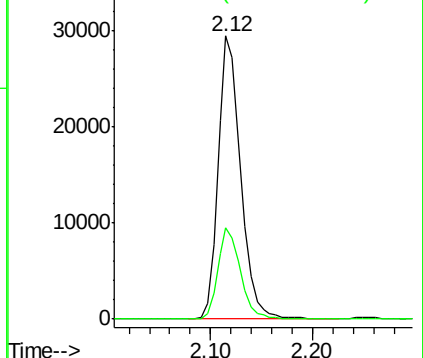
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.786 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002918.D

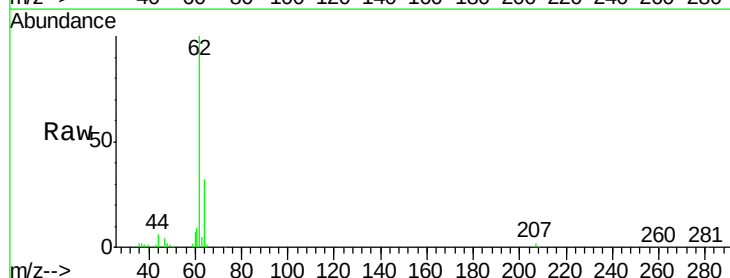
Acq: 18 Jun 2020 14:36

Tgt Ion: 62 Resp: 48464

Ion Ratio Lower Upper

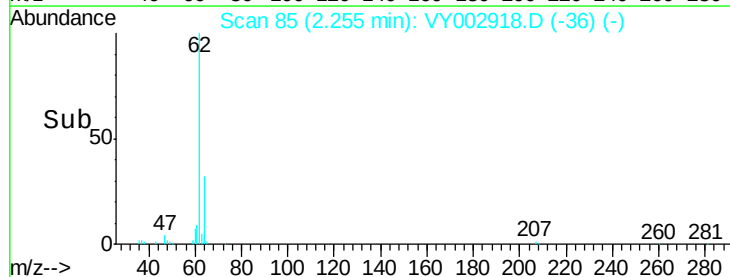
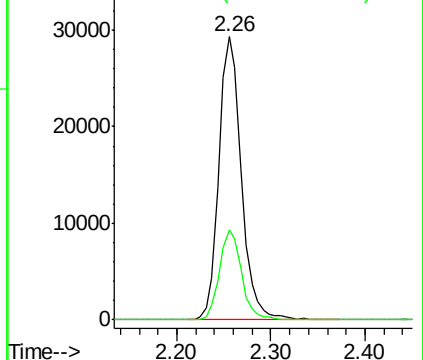
62 100

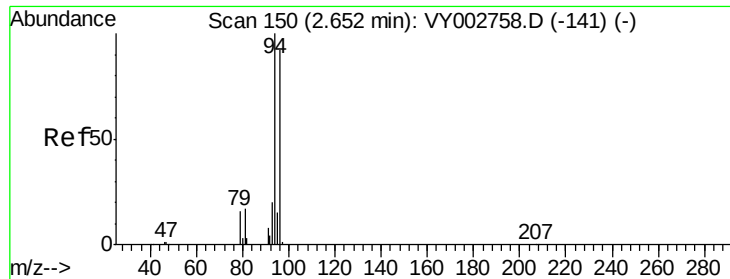
64 31.8 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.906 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 94 Resp: 36539

Ion Ratio Lower Upper

94 100

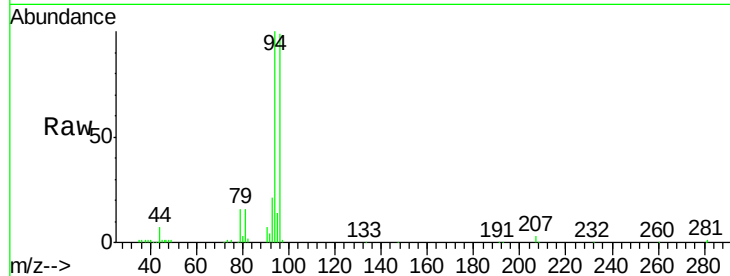
96 98.7 73.7 110.5

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

20000

15000

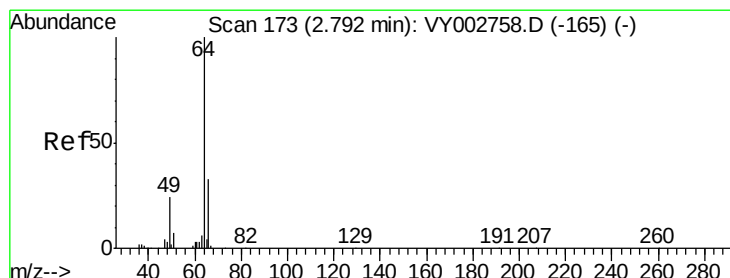
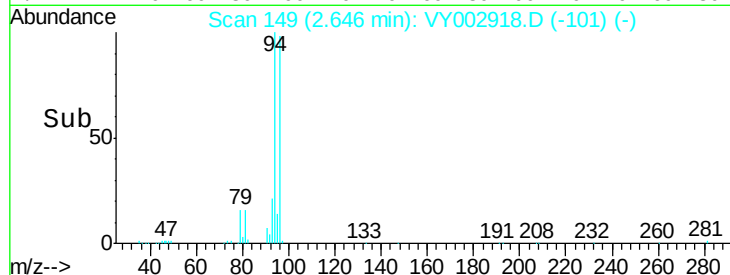
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5000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 20.650 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002918.D

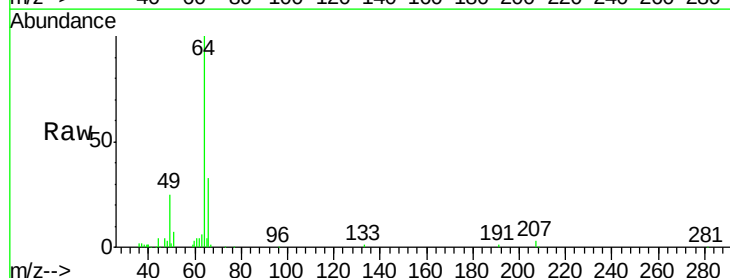
Acq: 18 Jun 2020 14:36

Tgt Ion: 64 Resp: 32789

Ion Ratio Lower Upper

64 100

66 32.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

15000

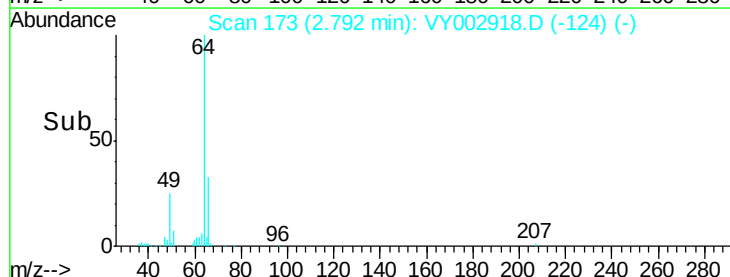
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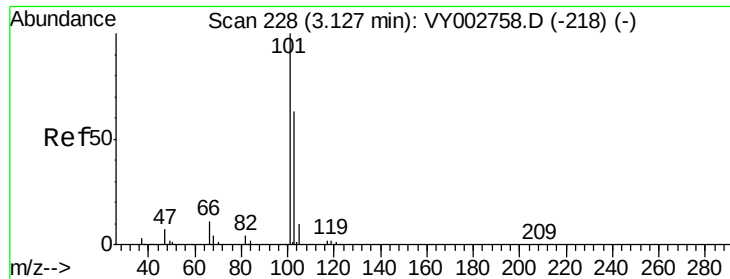
5000

0

2.70 2.80 2.90

Time-->





#7

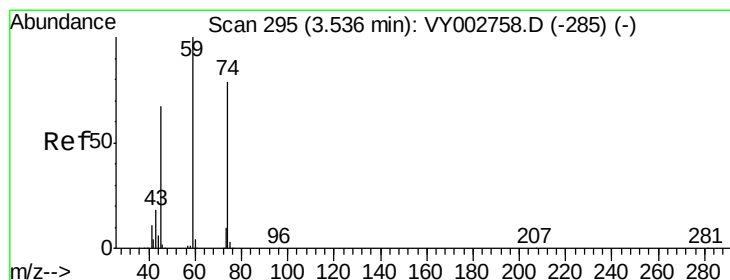
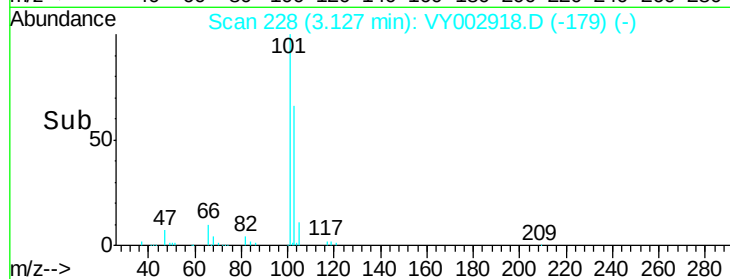
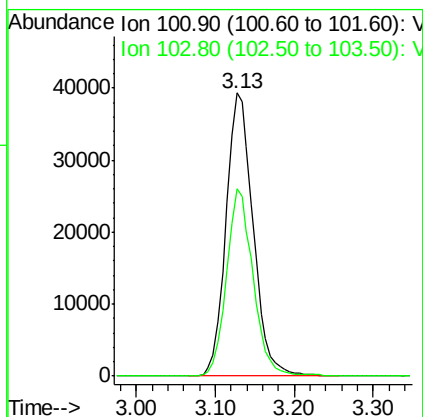
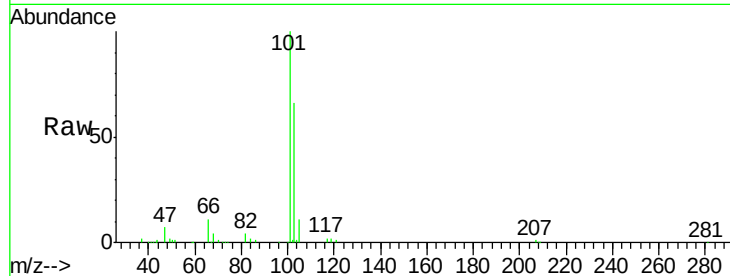
Trichlorofluoromethane
Concen: 21.658 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

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ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.6	76.0

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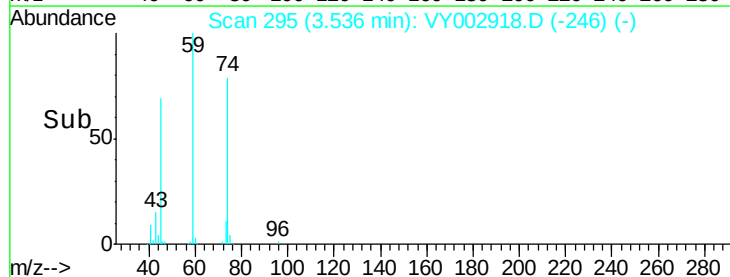
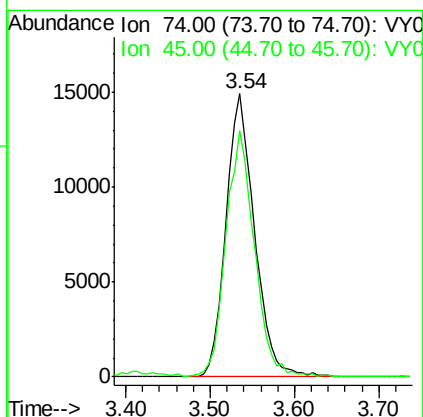
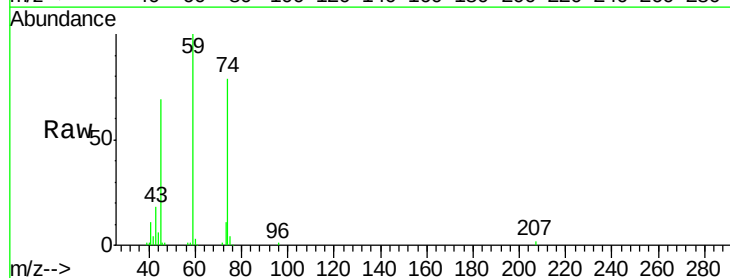
MMDadoda
6/19/2020 1:12:14 PM

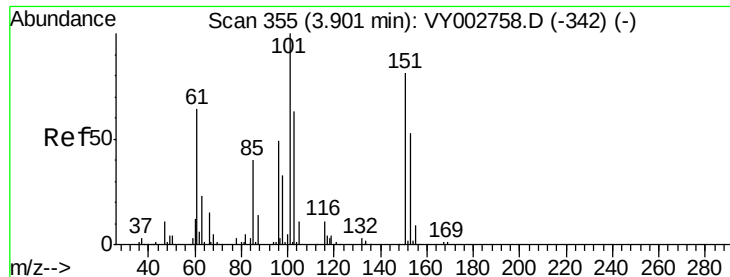


#8

Diethyl Ether
Concen: 20.167 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.6	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.631 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002918.D

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Instrument :

MSVOA_Y

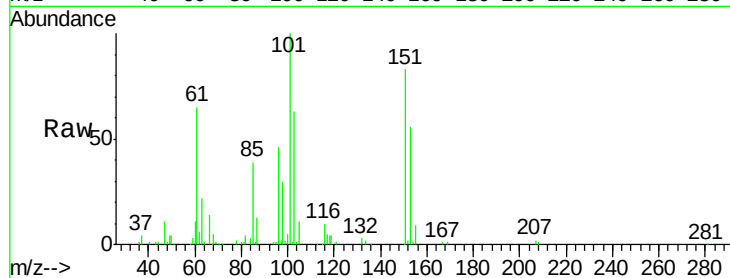
ClientSampleId :

VY0618SBS01

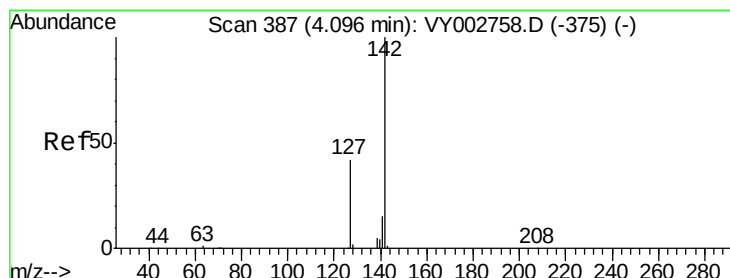
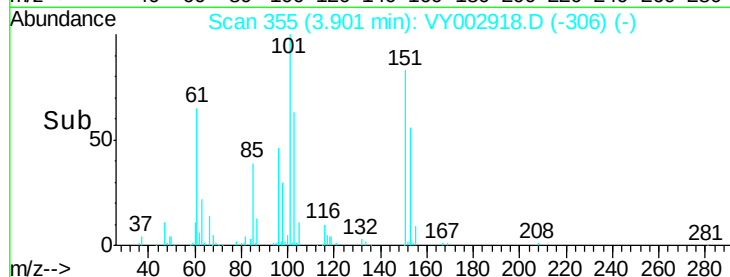
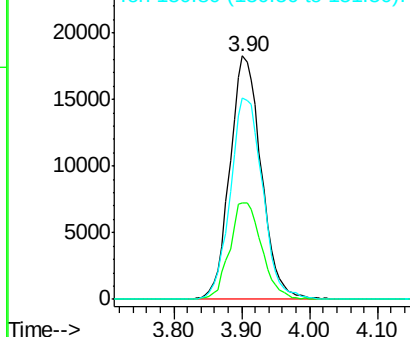
Tot Ion:	101	Resp:	58290
Ion Ratio	Lower	Upper	
101	100		
85	40.6	32.7	49.1
151	85.4	68.0	102.0

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



#10

Methyl Iodide

Concen: 20.634 ug/l

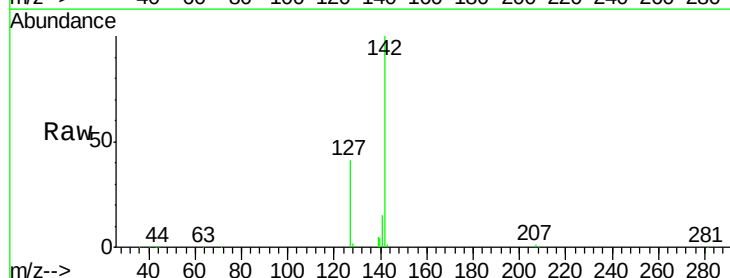
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

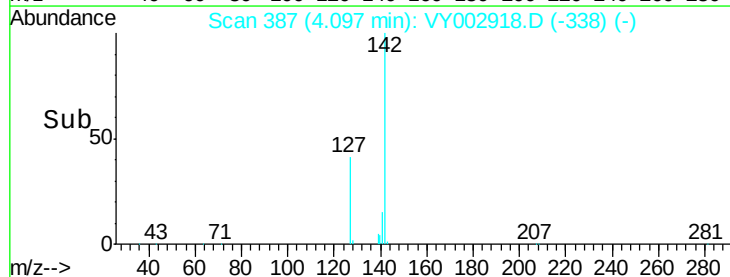
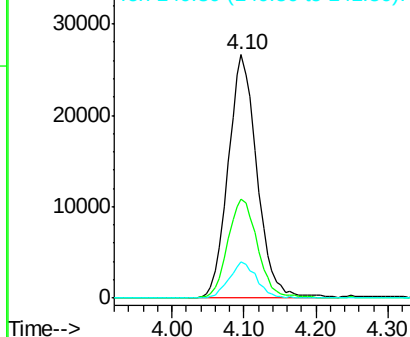
Lab File: VY002918.D

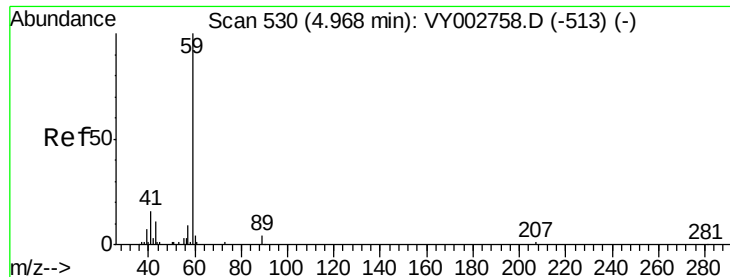
Acq: 18 Jun 2020 14:36

Tgt Ion:	142	Resp:	74367
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.3	49.9
141	14.1	11.5	17.3



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





#11

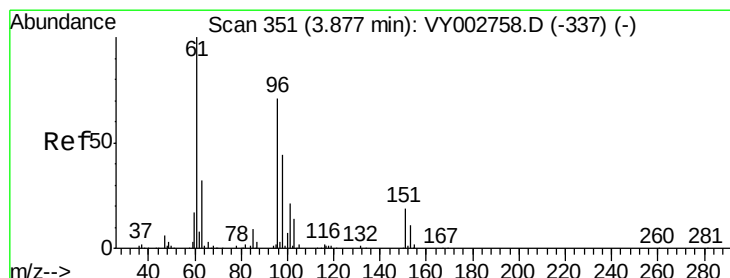
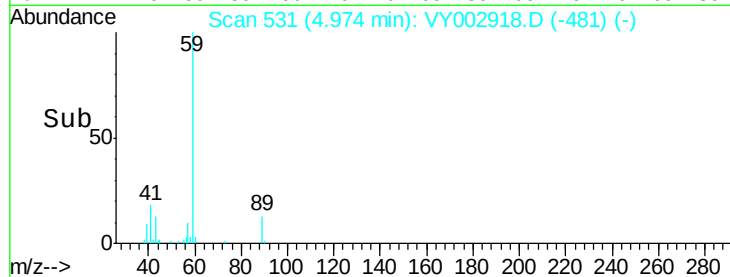
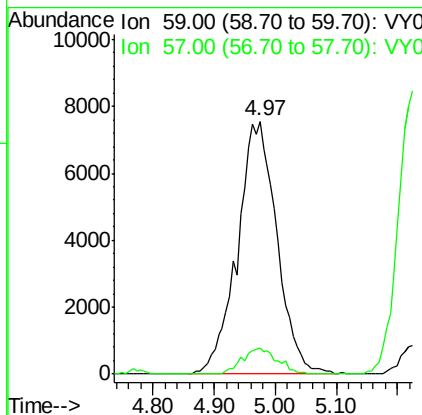
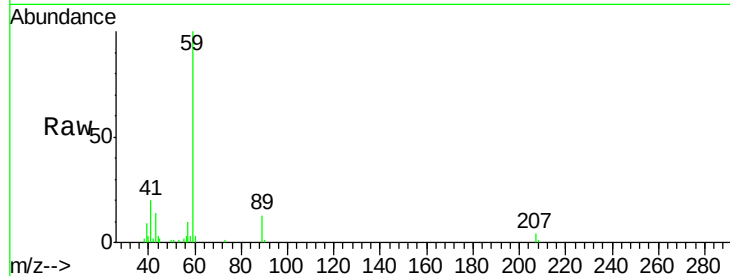
Tert butyl alcohol
 Concen: 112.129 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.7	11.5

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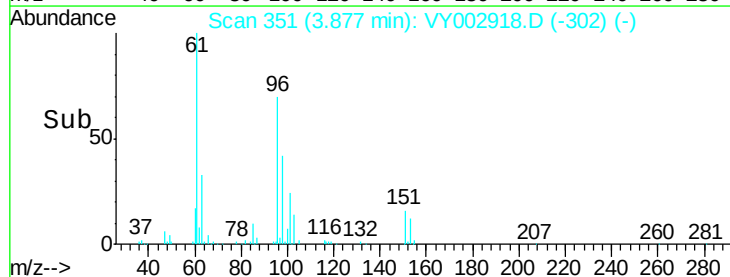
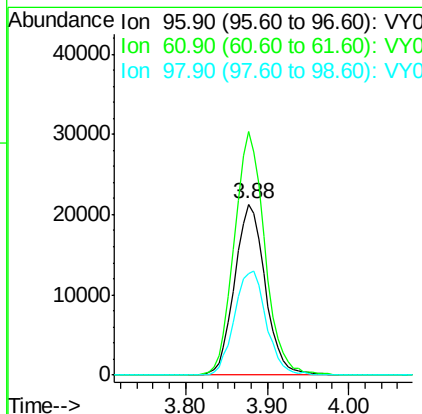
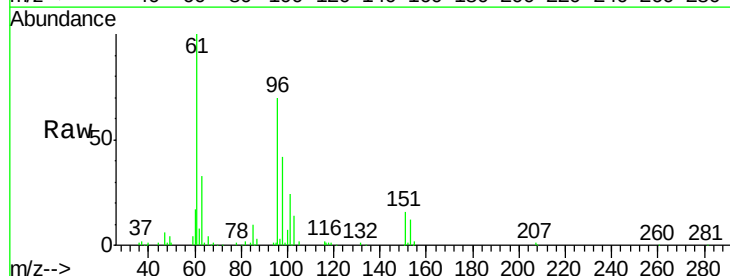
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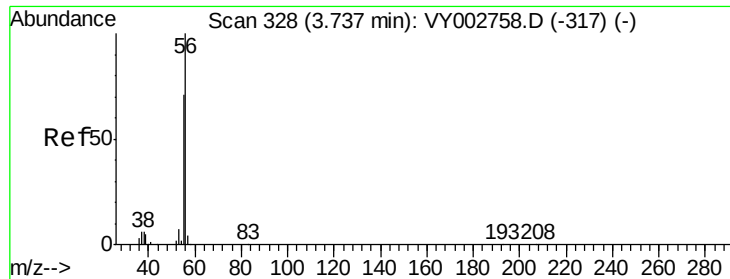


#12

1,1-Dichloroethene
 Concen: 21.430 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.2	112.6	168.8
98	59.5	50.0	75.0





#13

Acrolein

Concen: 63.980 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 56 Resp: 19822

Ion Ratio Lower Upper

56 100

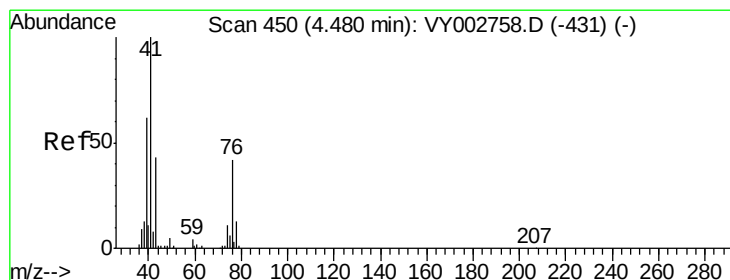
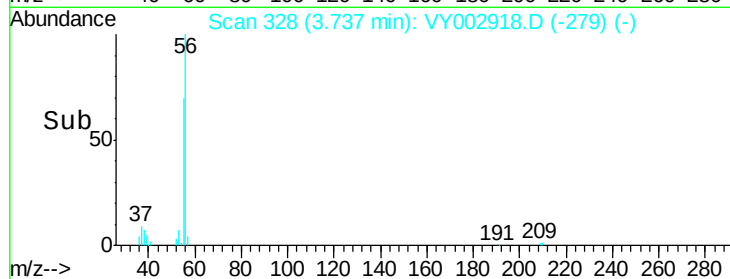
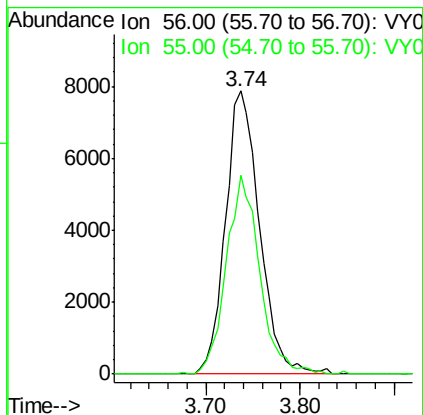
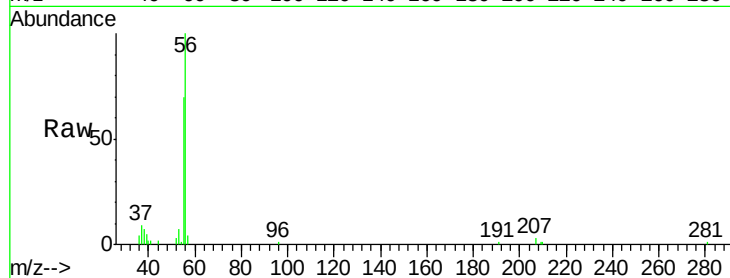
55 68.8 56.0 84.0

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#14

Allyl chloride

Concen: 21.427 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

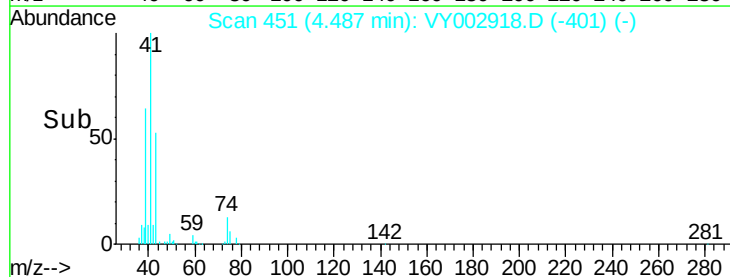
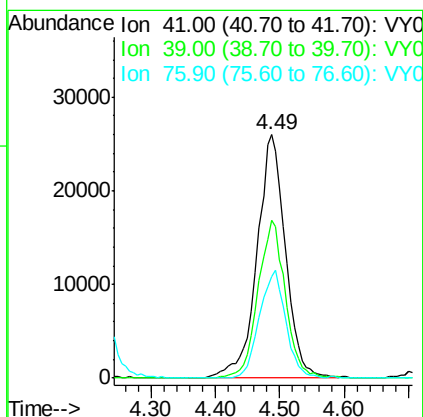
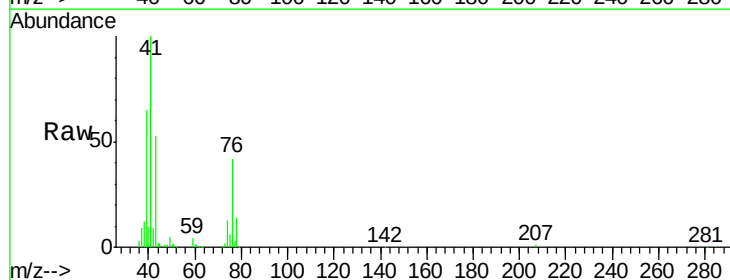
Tgt Ion: 41 Resp: 79603

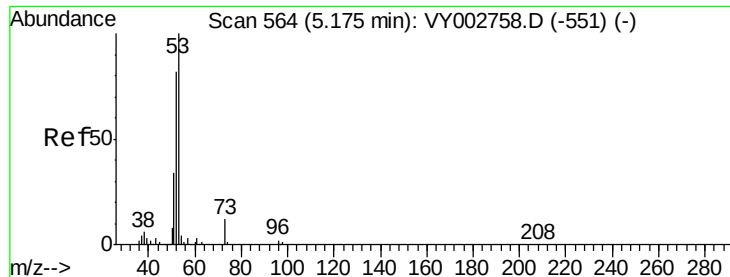
Ion Ratio Lower Upper

41 100

39 62.2 49.9 74.9

76 40.9 33.2 49.8





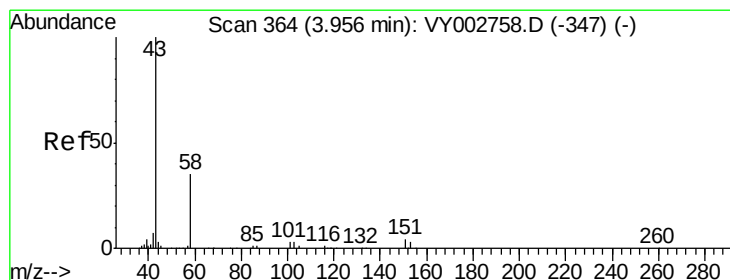
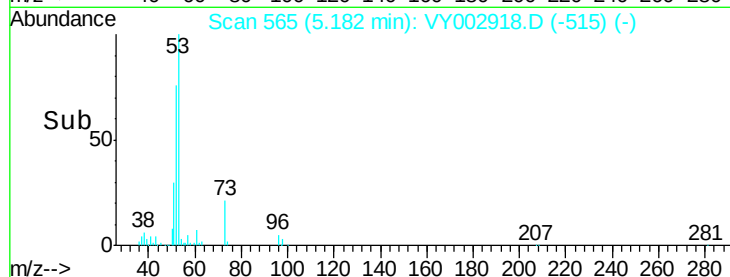
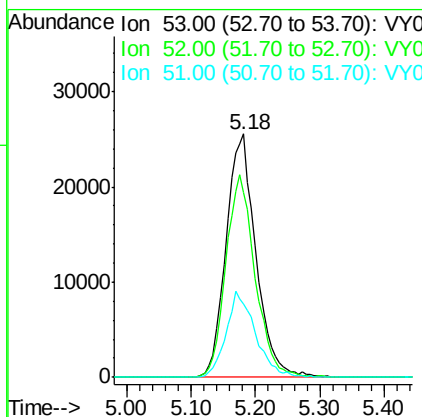
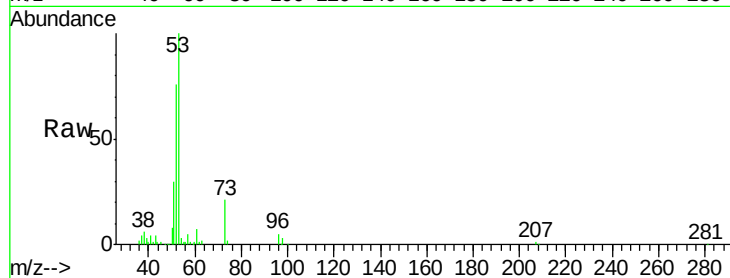
#15
 Acrylonitrile
 Concen: 108.661 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion:	53	Resp:	83035
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.3	97.9
51	34.8	28.0	42.0

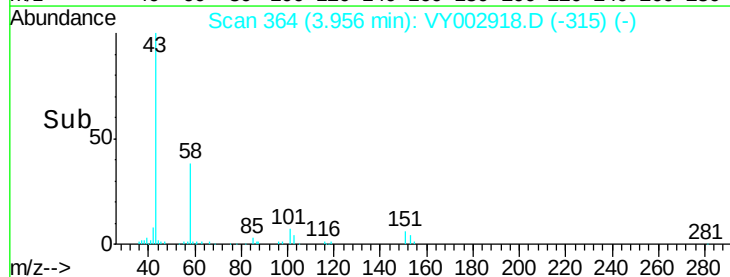
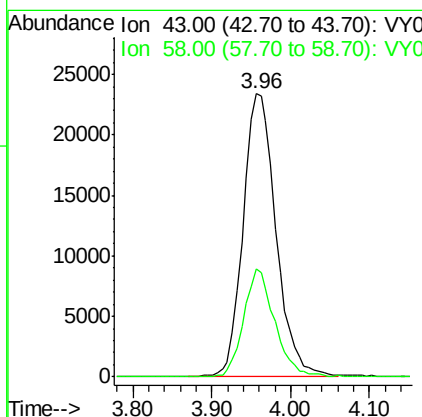
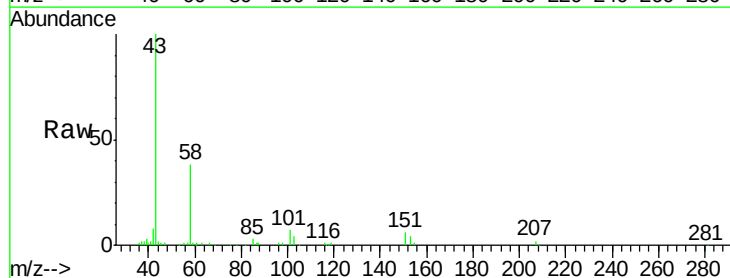
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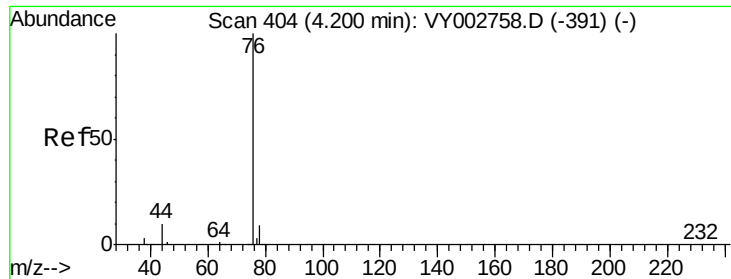
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#16
 Acetone
 Concen: 109.672 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion:	43	Resp:	67988
Ion Ratio	Lower	Upper	
43	100		
58	38.2	27.7	41.5





#17

Carbon Disulfide

Concen: 18.954 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 76 Resp: 148362

Ion Ratio Lower Upper

76 100

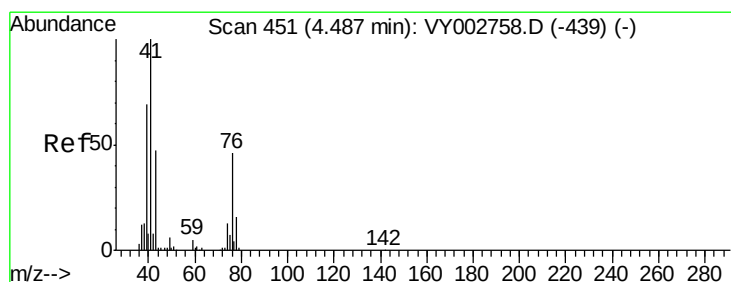
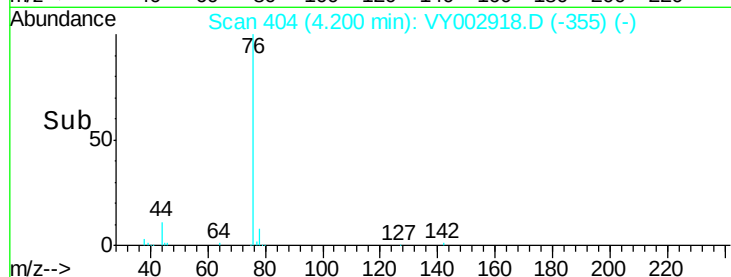
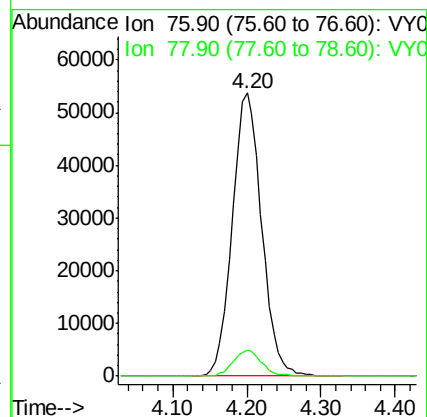
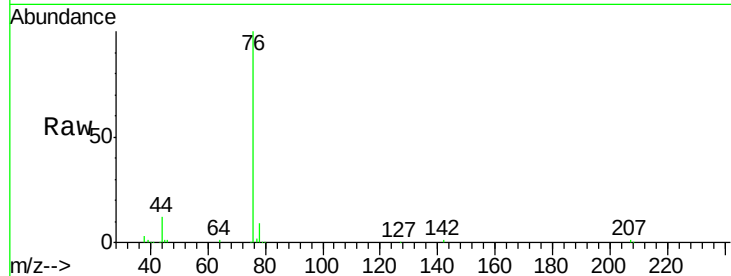
78 9.1 6.9 10.3

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#18

Methyl Acetate

Concen: 25.555 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002918.D

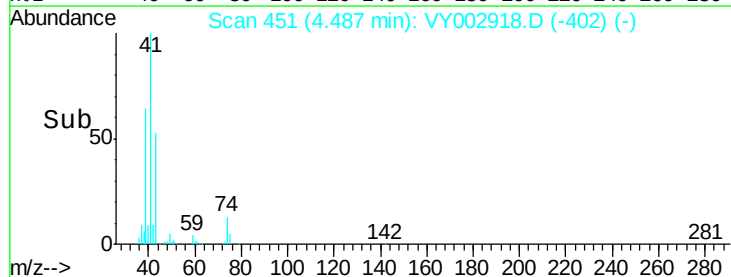
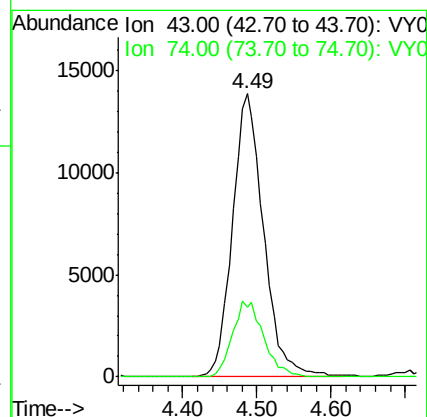
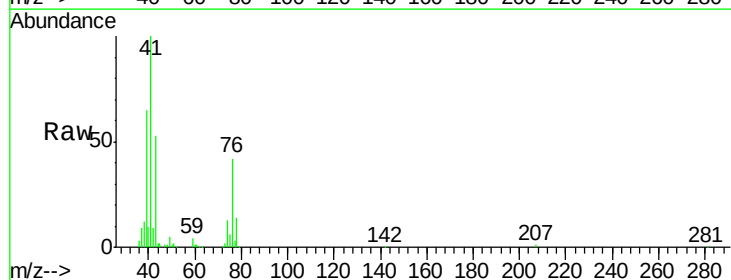
Acq: 18 Jun 2020 14:36

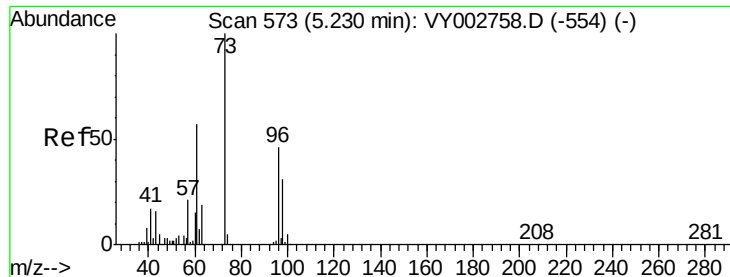
Tgt Ion: 43 Resp: 40488

Ion Ratio Lower Upper

43 100

74 26.7 21.4 32.0





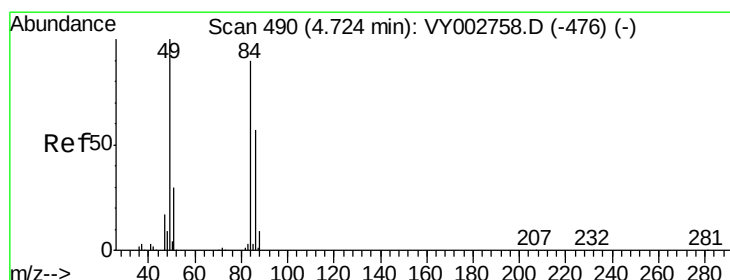
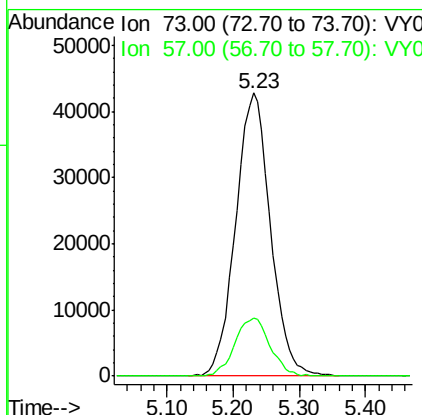
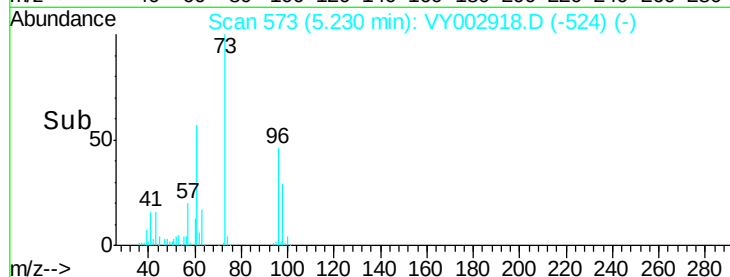
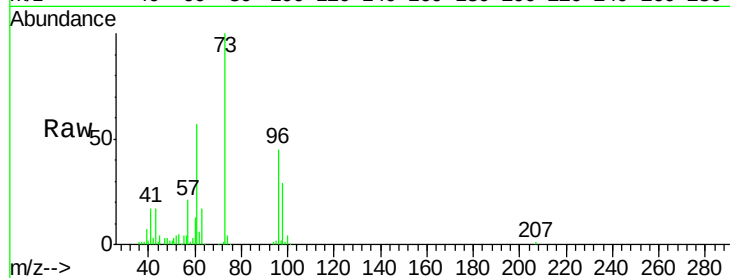
#19
Methyl tert-butyl Ether
Concen: 21.873 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 73 Resp: 156412
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.4

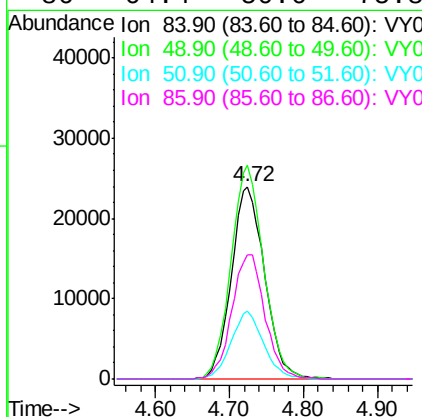
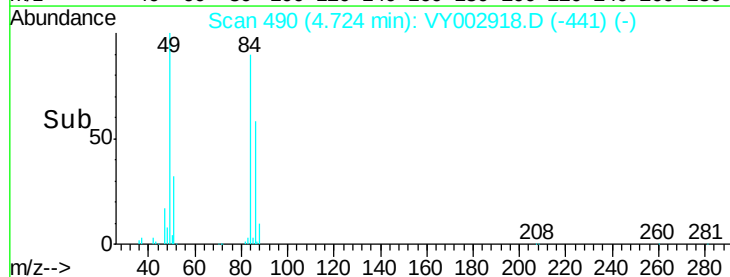
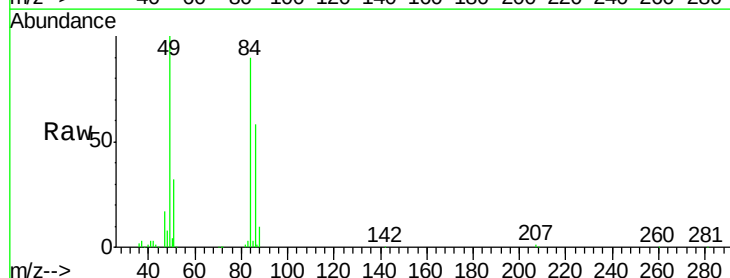
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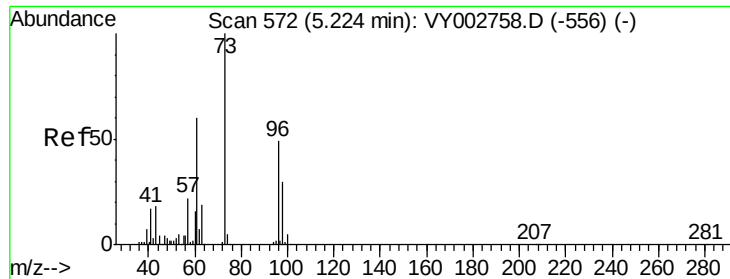
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#20
Methylene Chloride
Concen: 24.821 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 84 Resp: 75196
Ion Ratio Lower Upper
84 100
49 111.1 88.5 132.7
51 35.5 26.8 40.2
86 64.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.130 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

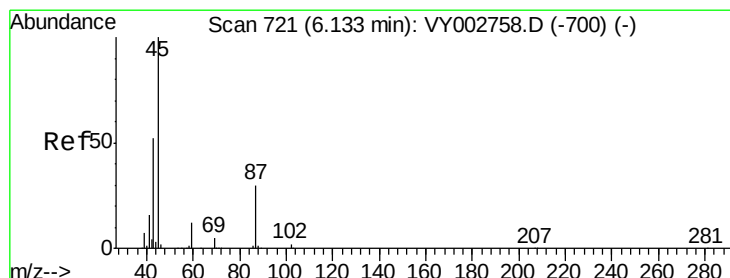
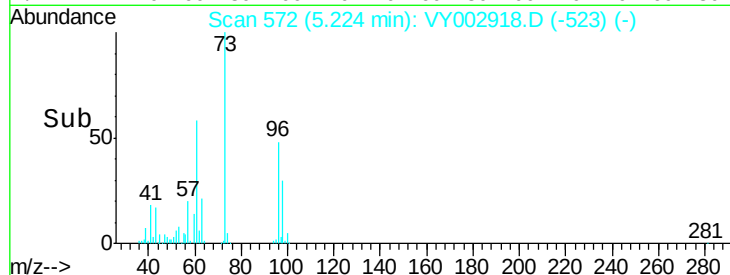
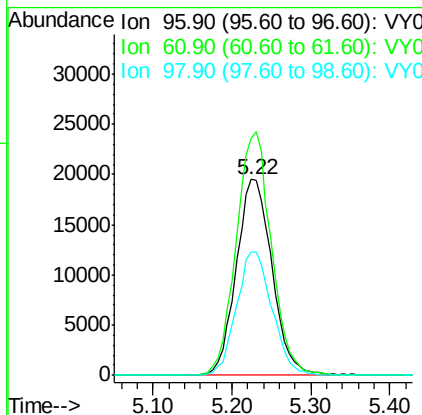
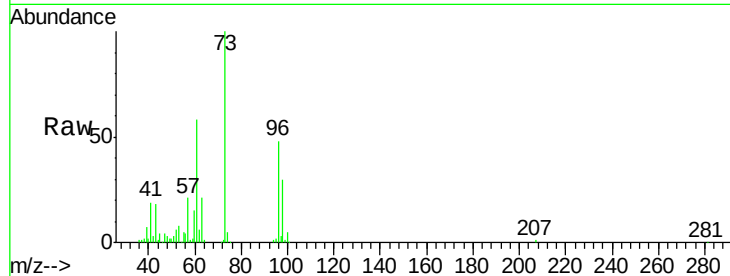
ClientSampleId :

VY0618SBS01

Tot Ion:	96	Resp:	61551
Ion	Ratio	Lower	Upper
96	100		
61	121.0	96.8	145.2
98	63.0	49.4	74.0

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#22

Diisopropyl ether

Concen: 22.092 ug/l

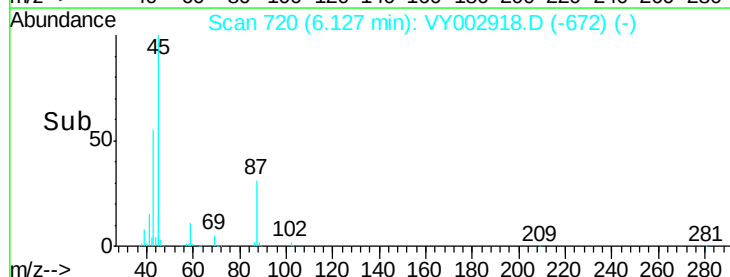
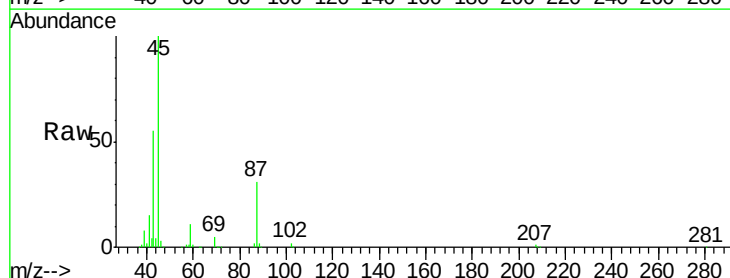
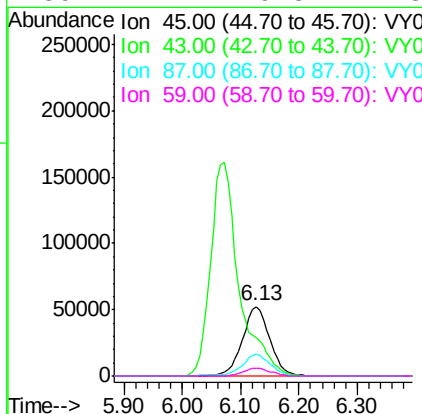
RT: 6.13 min Scan# 720

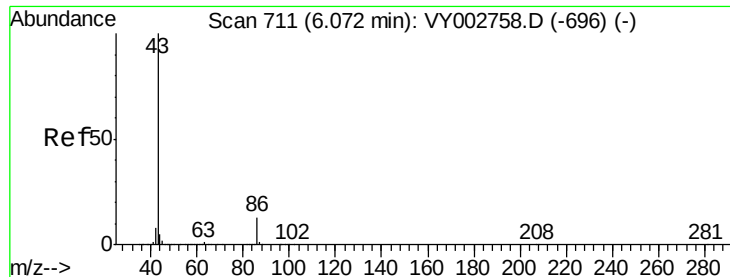
Delta R.T. -0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Tgt Ion:	45	Resp:	170550
Ion	Ratio	Lower	Upper
45	100		
43	54.8	41.7	62.5
87	31.5	24.2	36.2
59	11.4	9.8	14.8





#23

Vinyl Acetate

Concen: 106.832 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 43 Resp: 544514

Ion Ratio Lower Upper

43 100

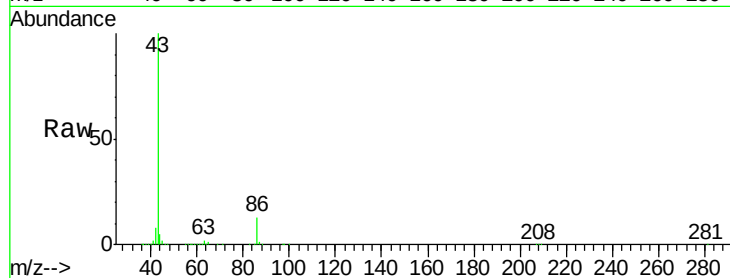
86 13.0 10.2 15.2

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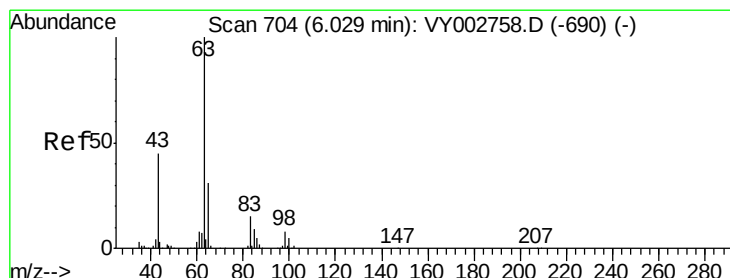
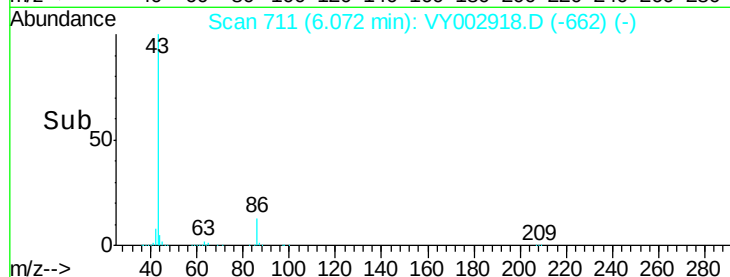
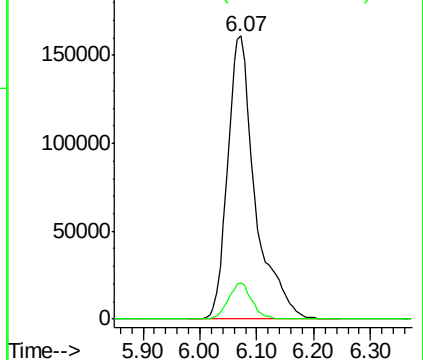
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.926 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

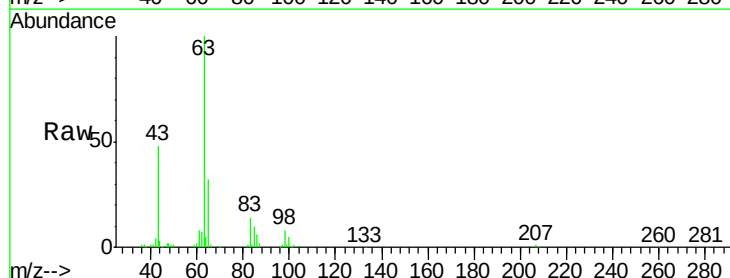
Tgt Ion: 63 Resp: 99016

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

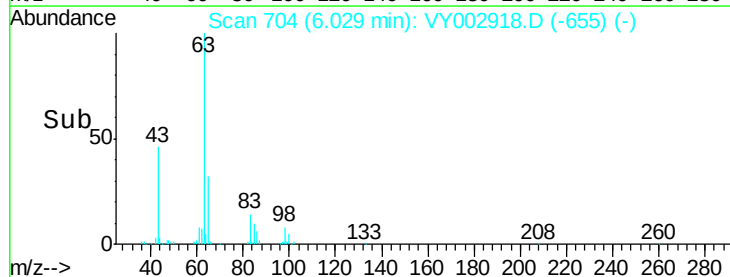
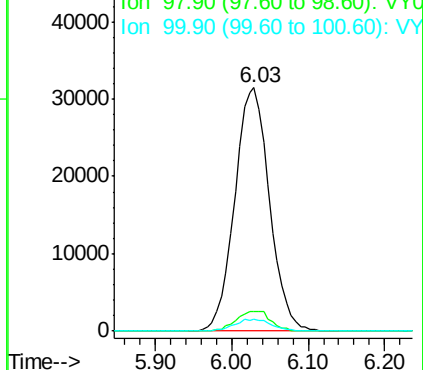
100 4.7 2.4 7.1

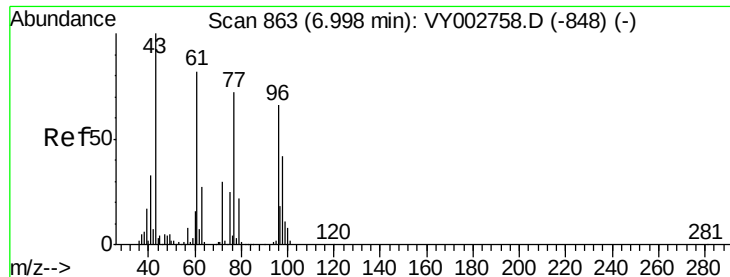


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





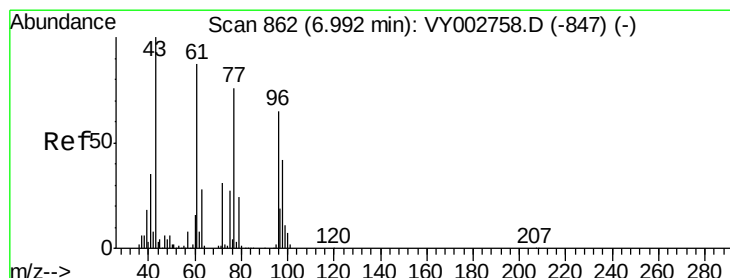
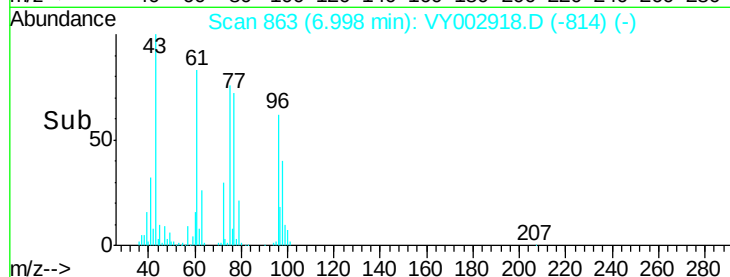
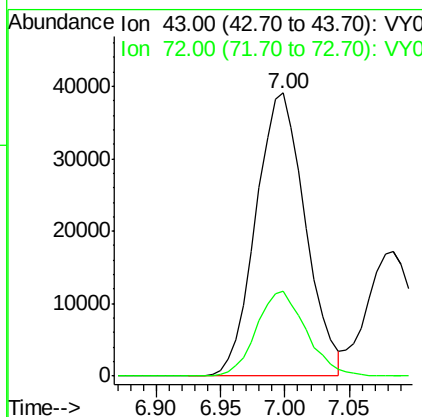
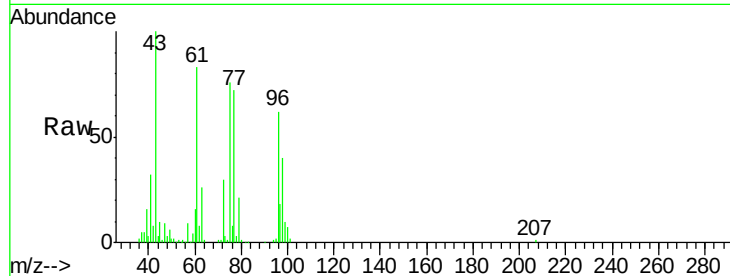
#25
2-Butanone
Concen: 107.790 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 43 Resp: 104107
Ion Ratio Lower Upper
43 100
72 29.9 23.9 35.9

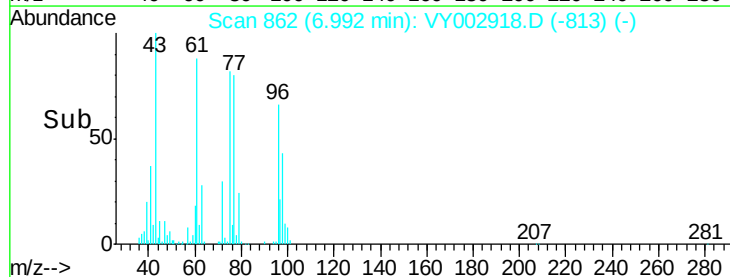
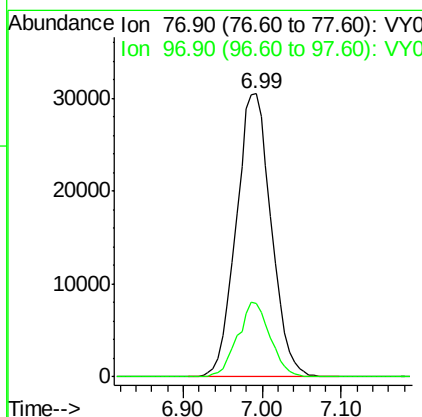
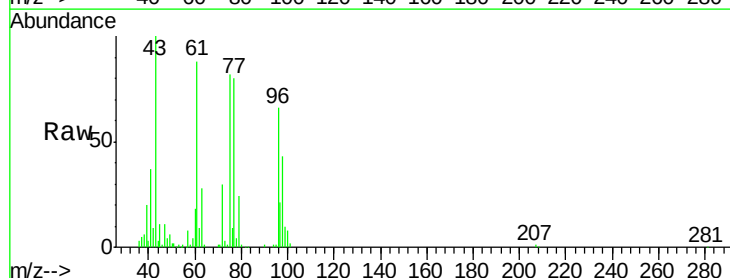
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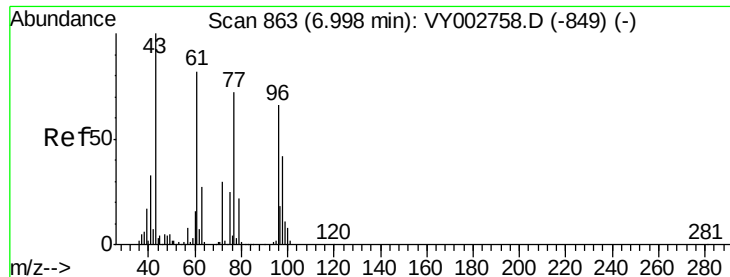
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6/19/2020 1:12:14 PM



#26
2,2-Dichloropropane
Concen: 21.747 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 77 Resp: 94189
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





#27

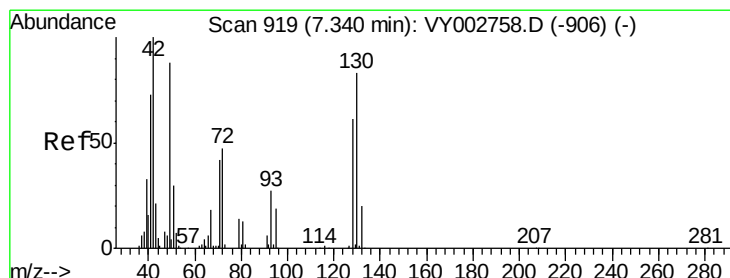
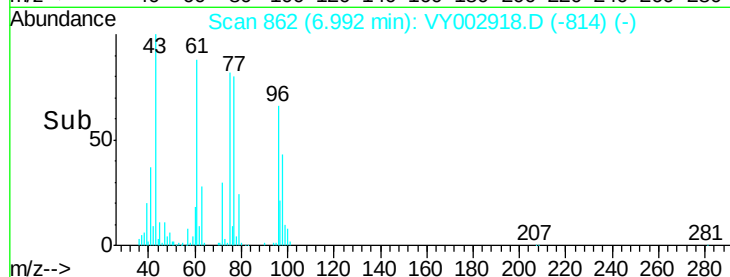
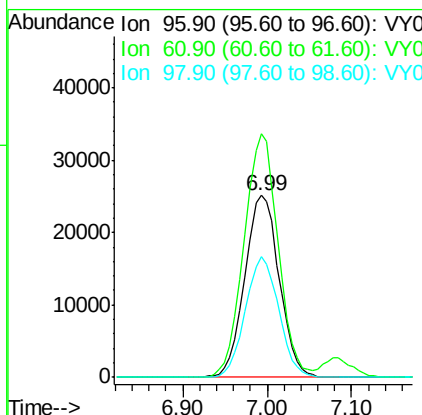
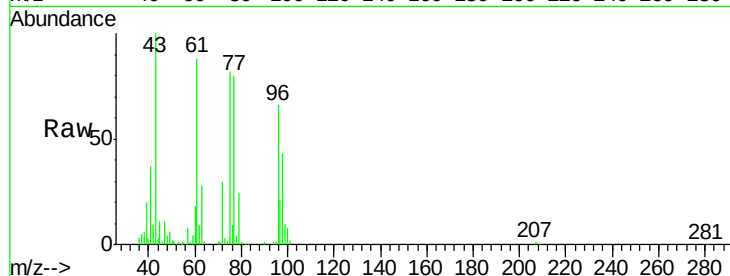
cis-1,2-Dichloroethene
Concen: 21.405 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	260.2
98	63.9	0.0	128.2

Manual Integrations
APPROVED

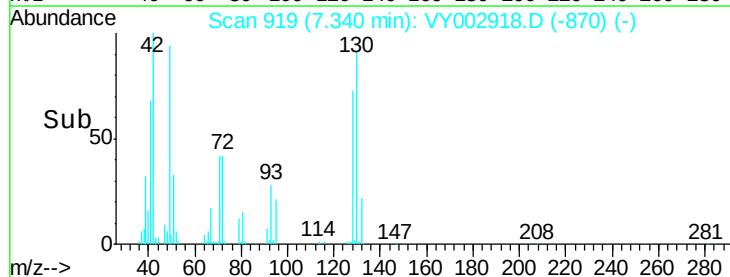
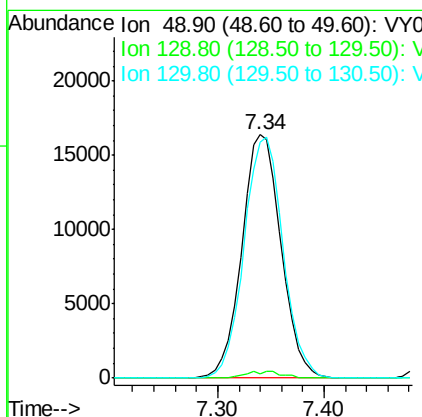
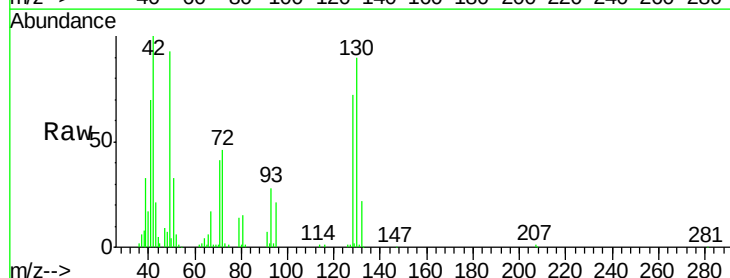
MMDadoda
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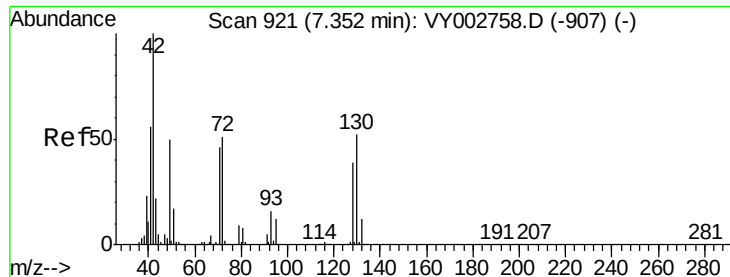


#28

Bromochloromethane
Concen: 22.801 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	98.3	77.1	115.7





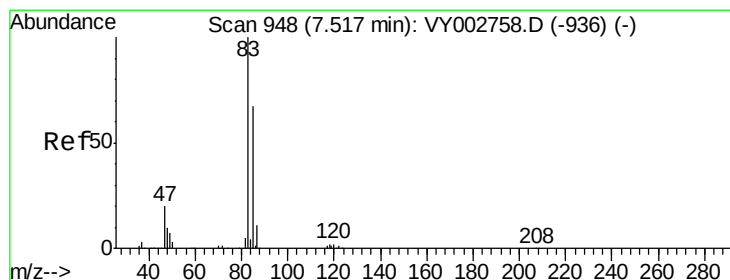
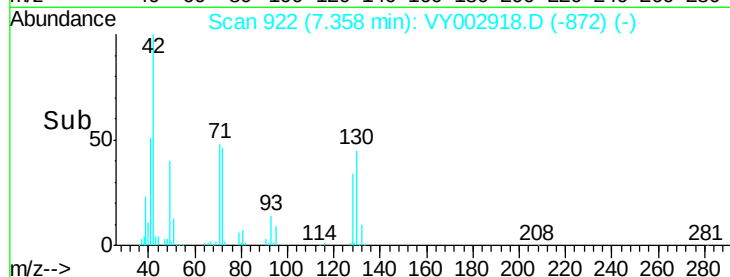
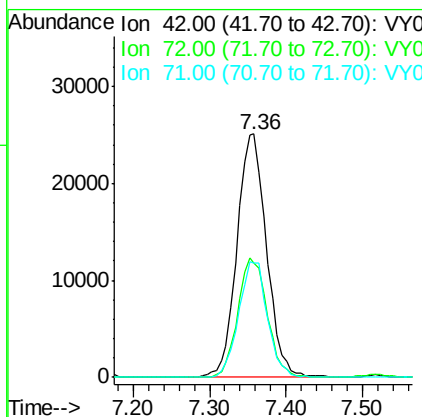
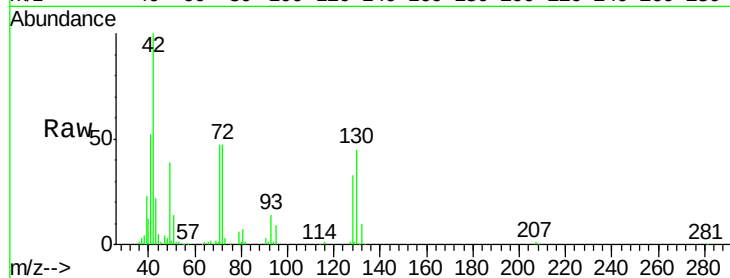
#29
Tetrahydrofuran
Concen: 107.063 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	38.6	58.0
71	46.1	35.8	53.8

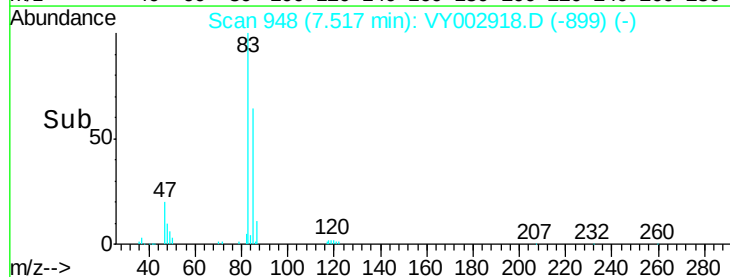
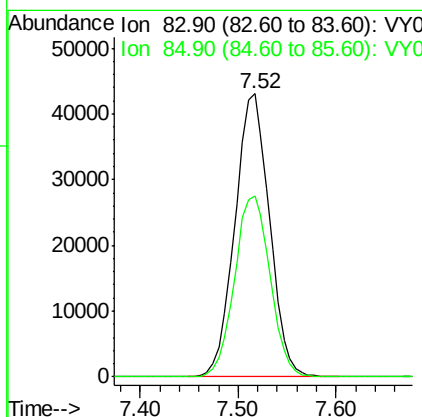
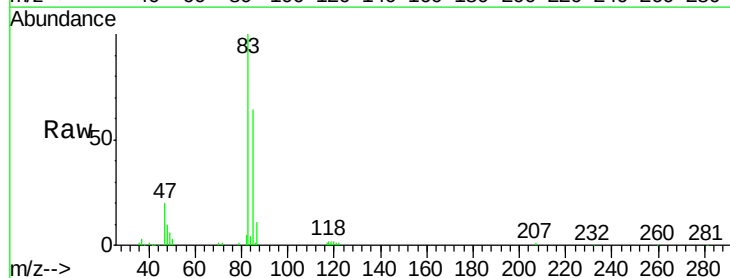
Manual Integrations
APPROVED

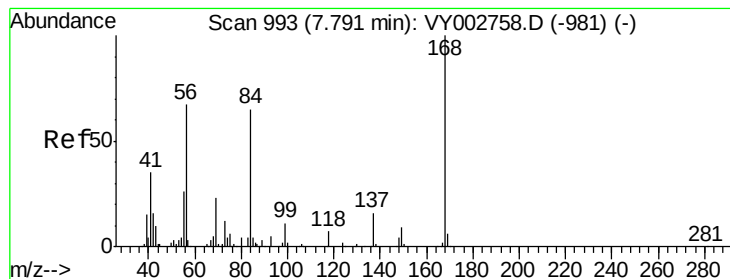
MMDadoda
6/19/2020 1:12:14 PM



#30
Chloroform
Concen: 22.041 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.8	80.8





#31

Cyclohexane

Concen: 20.010 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 56 Resp: 89719

Ion Ratio Lower Upper

56 100

69 37.4 28.0 42.0

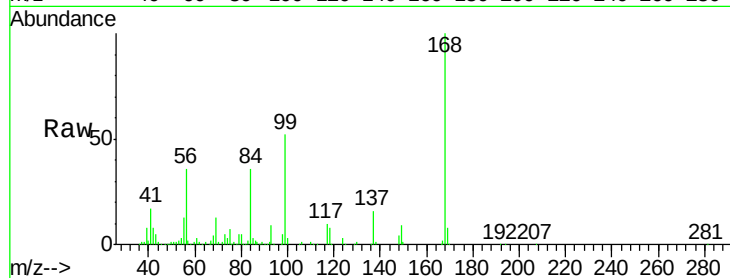
84 98.7 77.7 116.5

Manual Integrations

APPROVED

MMDadoda

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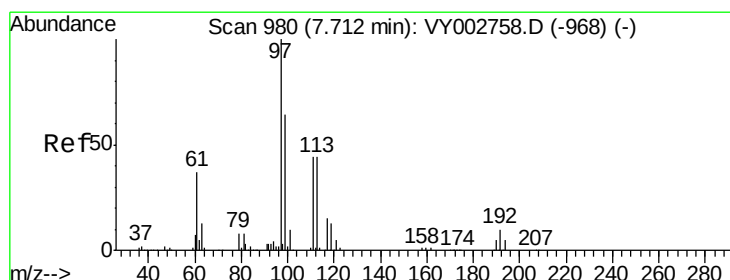
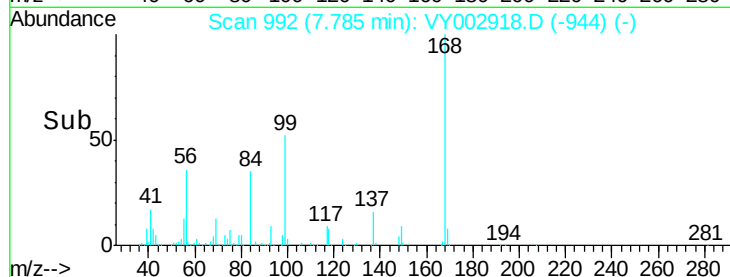
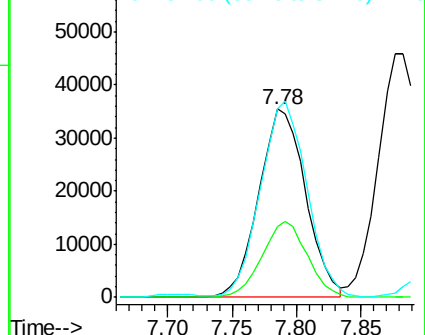


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.775 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

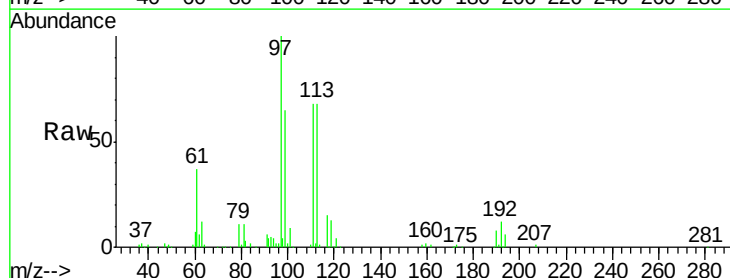
Tgt Ion: 97 Resp: 97236

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 37.7 30.1 45.1

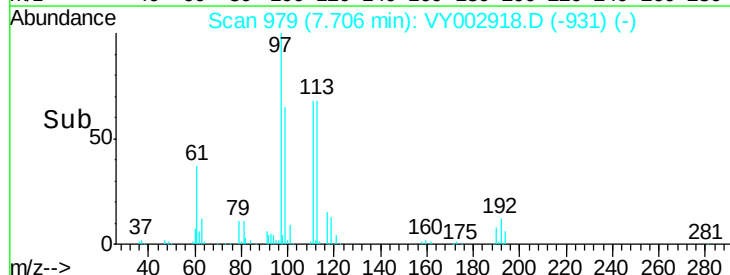
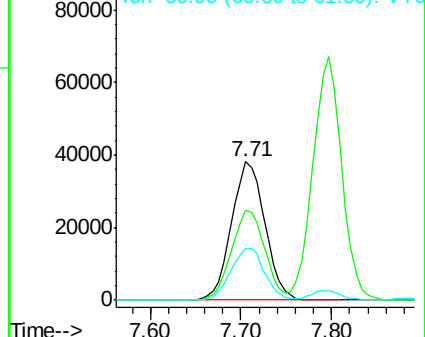


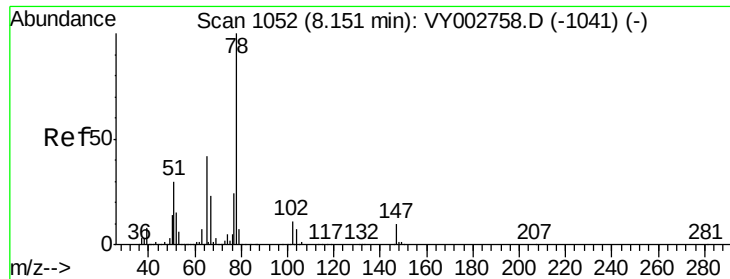
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





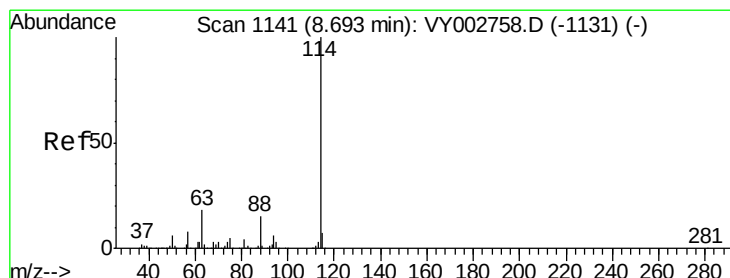
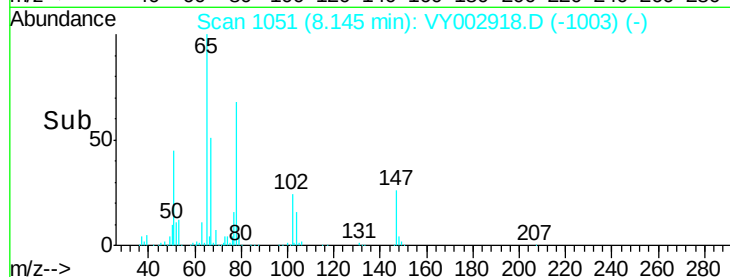
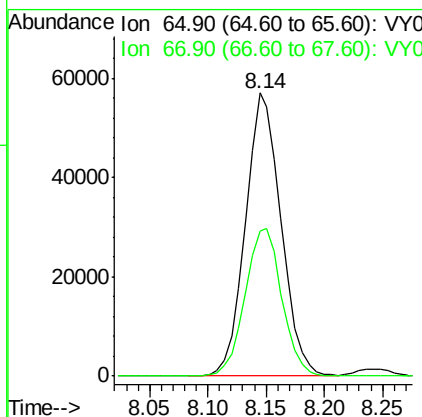
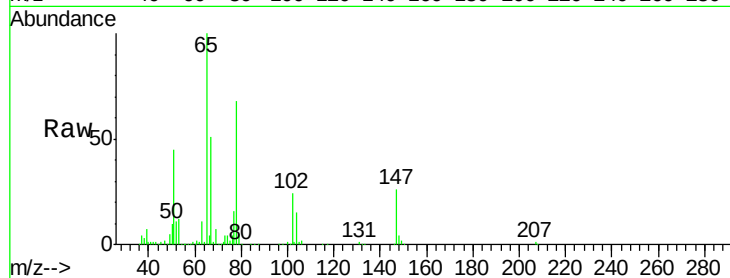
#33
 1,2-Dichloroethane-d4
 Concen: 46.064 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.9	0.0	111.0	

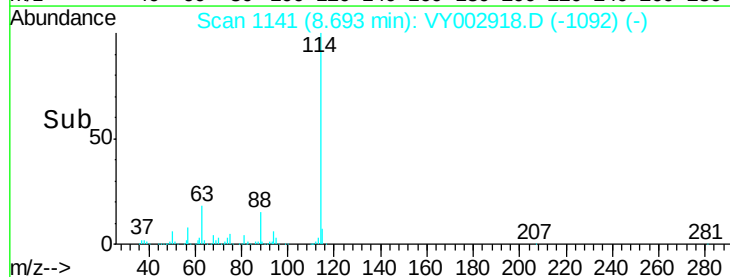
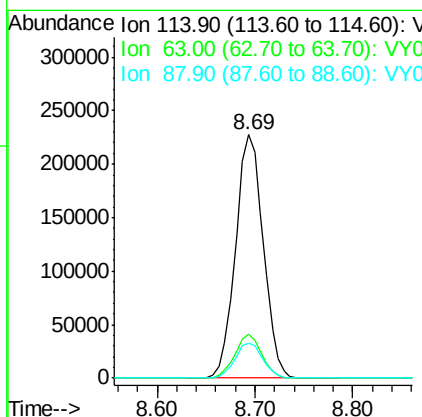
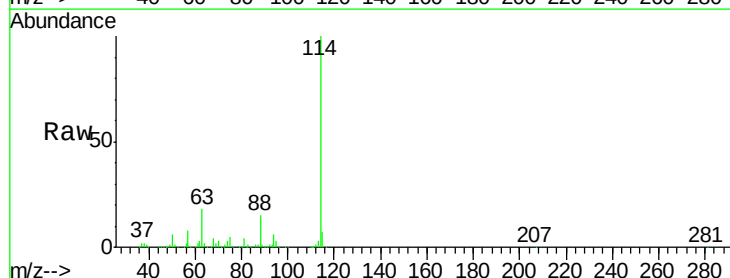
Manual Integrations
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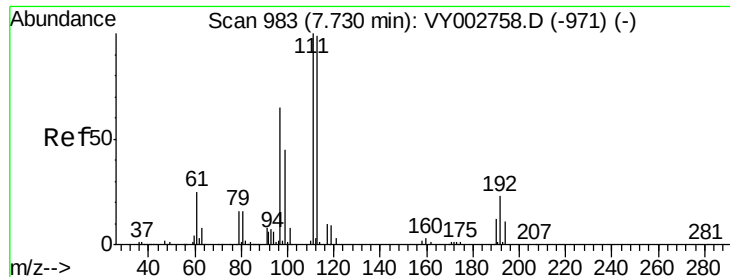
MMDadoda
 6/19/2020 1:12:14 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.0	0.0	35.2	
88	14.6	0.0	29.2	





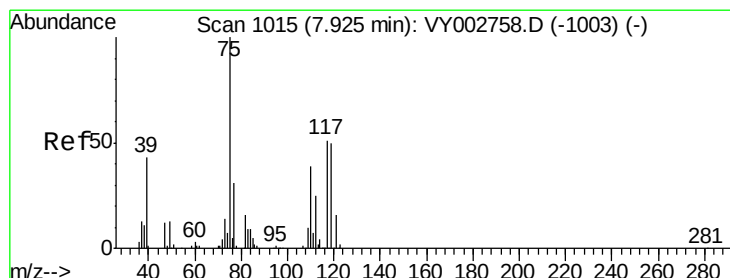
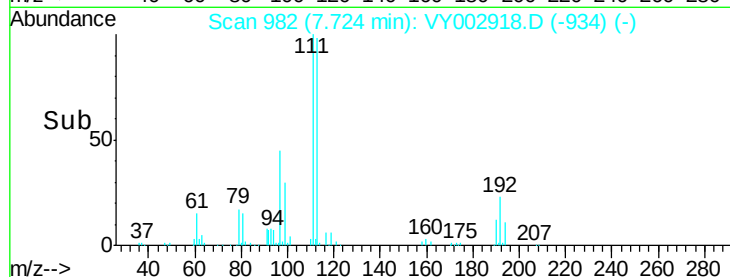
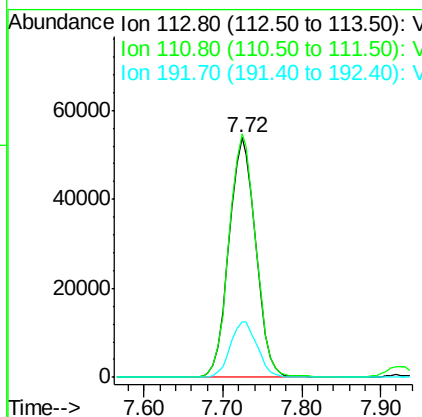
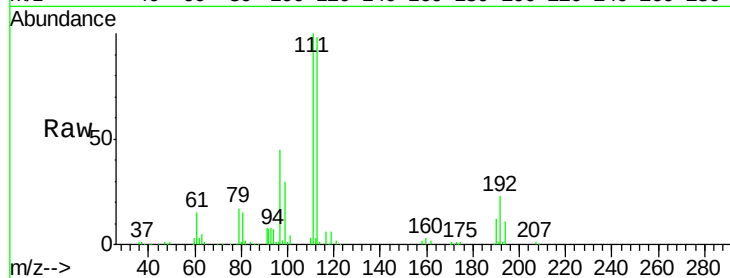
#35
 Dibromofluoromethane
 Concen: 48.549 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127181		
111	101.6	82.0	123.0	
192	23.3	18.9	28.3	

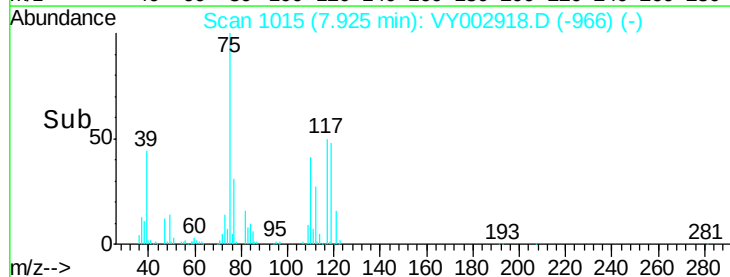
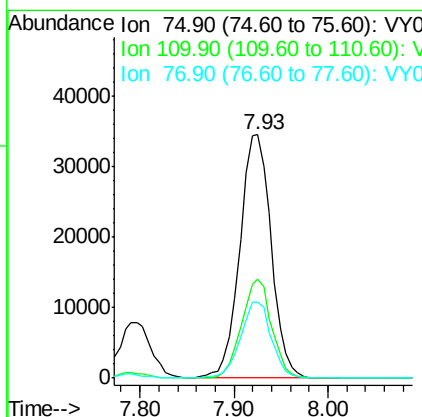
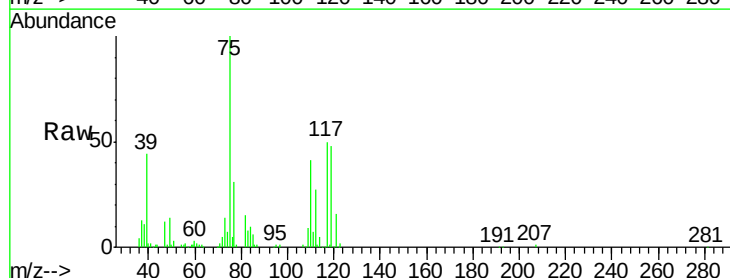
Manual Integrations
 APPROVED

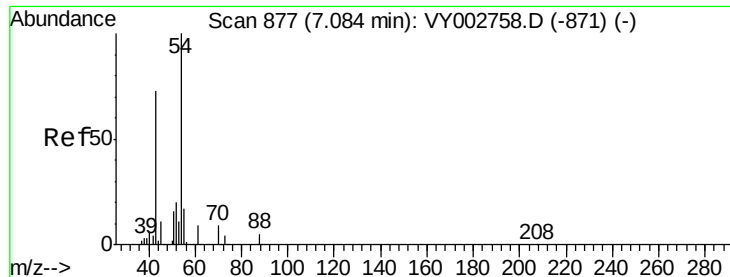
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 21.415 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80635		
110	38.6	19.3	57.9	
77	30.8	24.8	37.2	





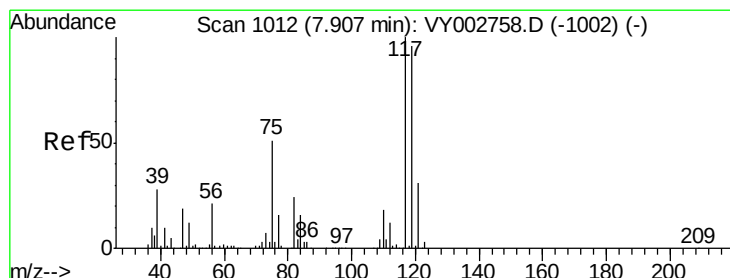
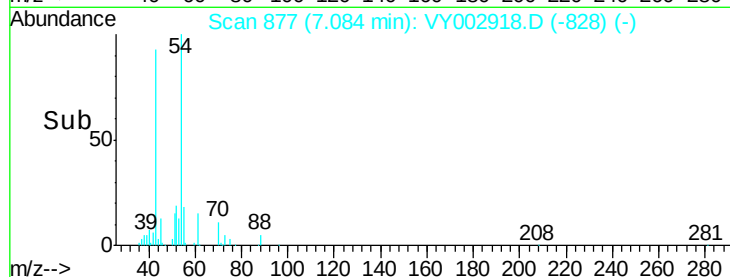
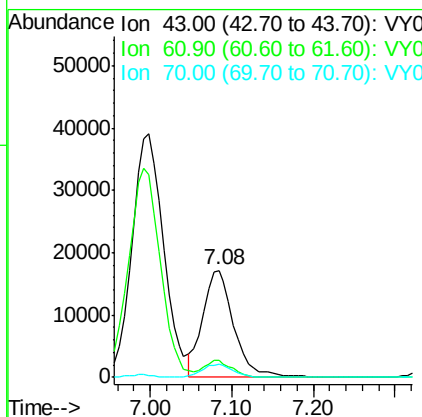
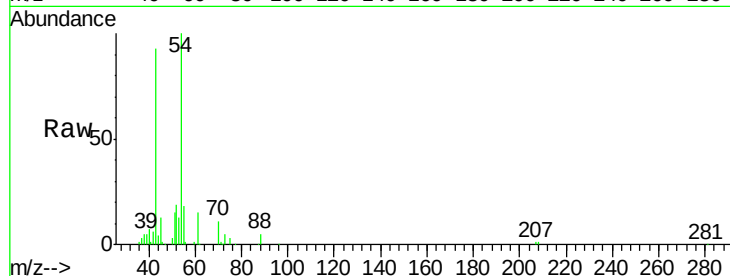
#37
Ethyl Acetate
Concen: 22.272 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	12.0	9.1	13.7

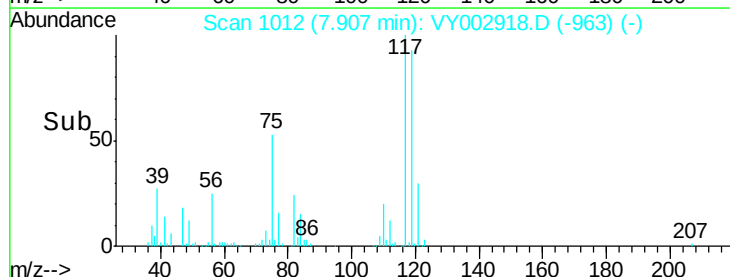
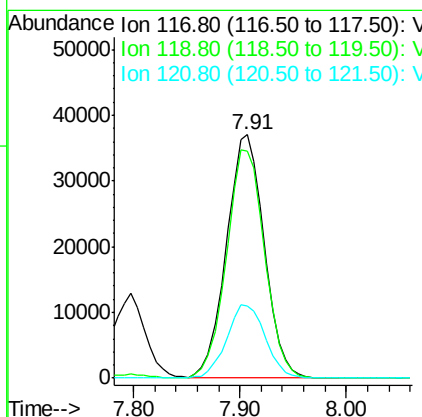
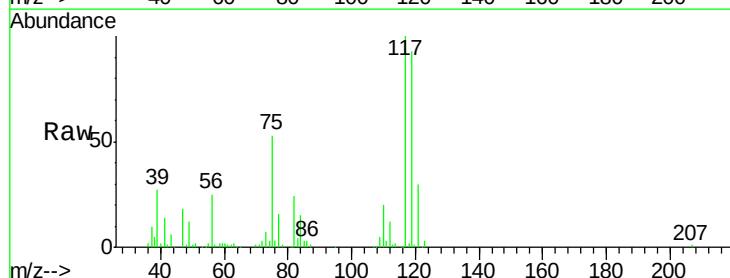
Manual Integrations
APPROVED

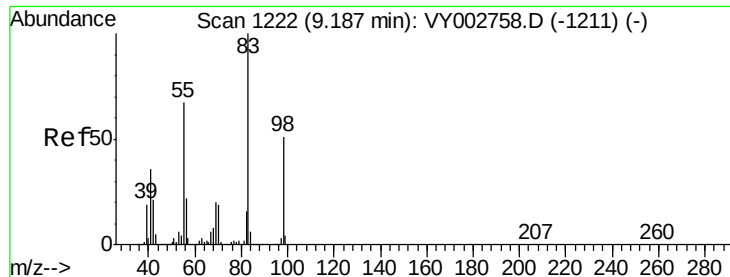
MMDadoda
6/19/2020 1:12:14 PM



#38
Carbon Tetrachloride
Concen: 21.988 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.8	115.2
121	29.8	24.8	37.2





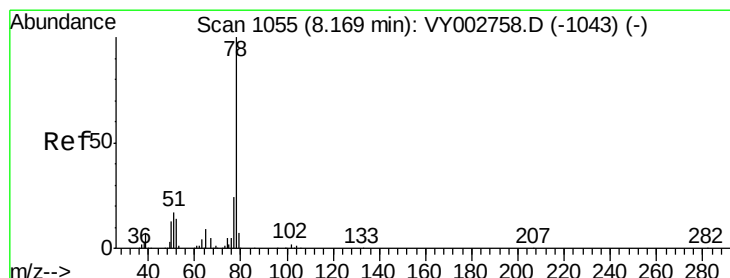
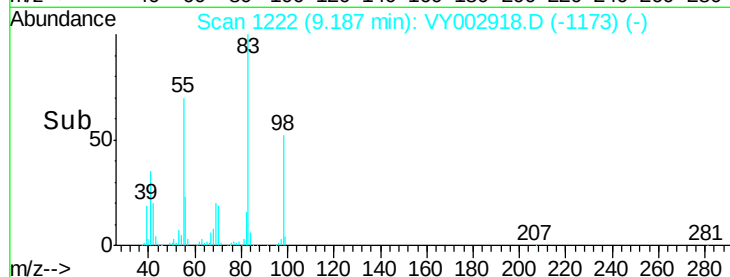
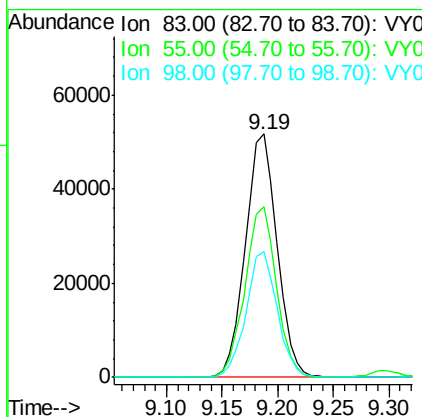
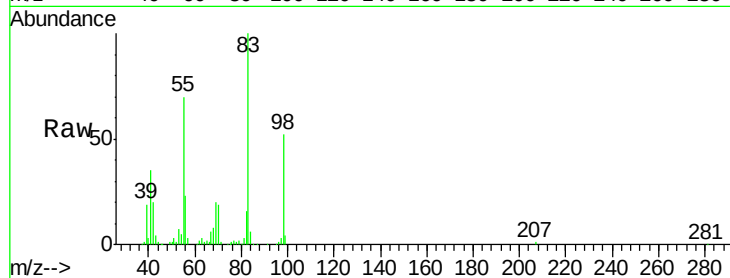
#39
Methylvlcyclohexane
Concen: 20.692 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.2	53.3	79.9
98	51.9	41.1	61.7

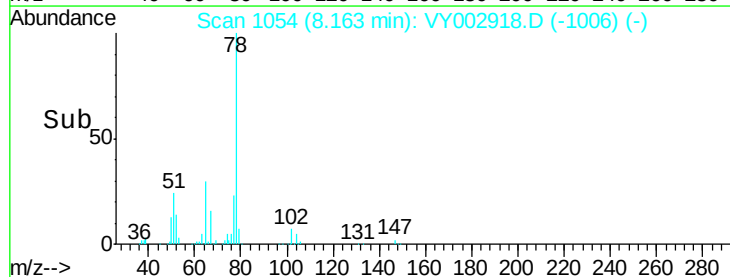
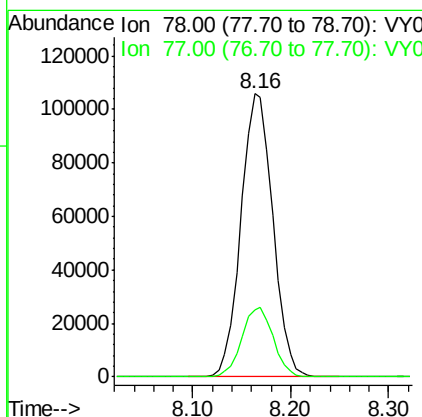
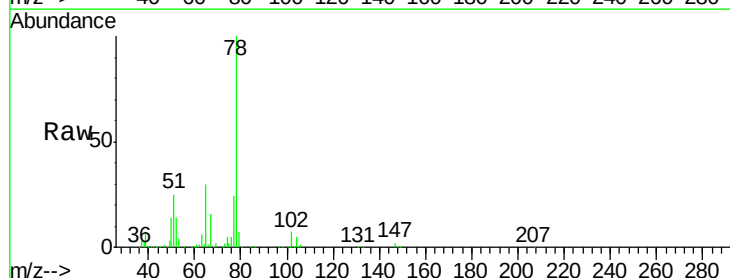
Manual Integrations
APPROVED

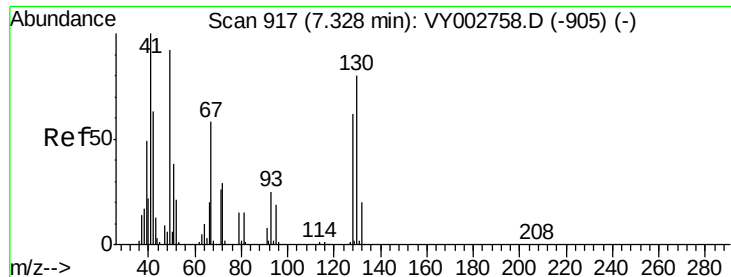
MMDadoda
6/19/2020 1:12:14 PM



#40
Benzene
Concen: 21.468 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





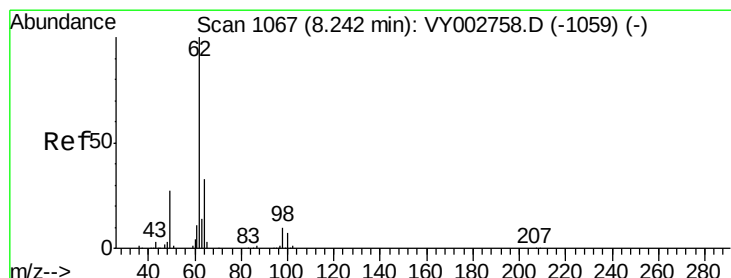
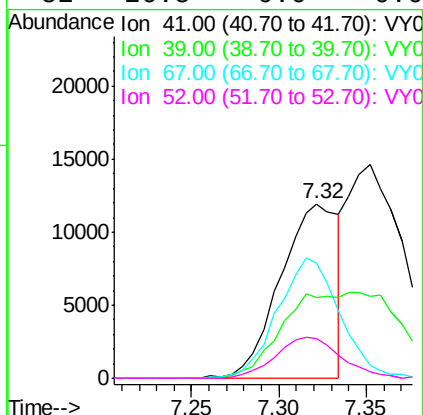
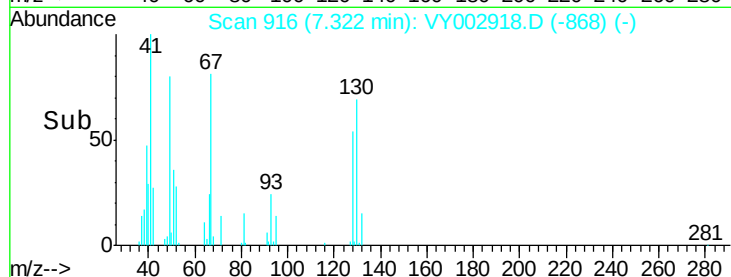
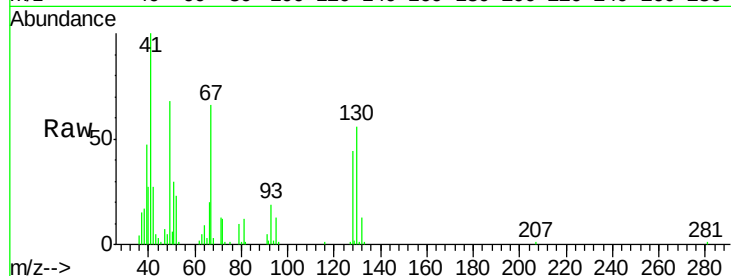
#41
Methacrylonitrile
Concen: 25.094 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.4	97.6	146.4#
67	74.4	0.0	0.0#
52	26.5	0.0	0.0#

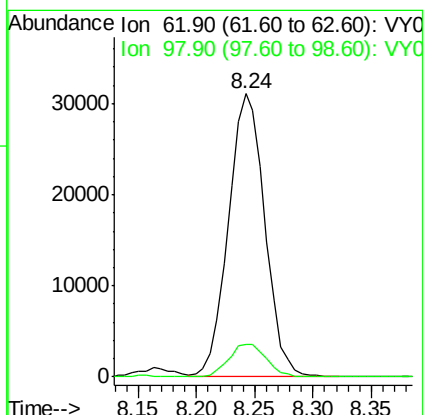
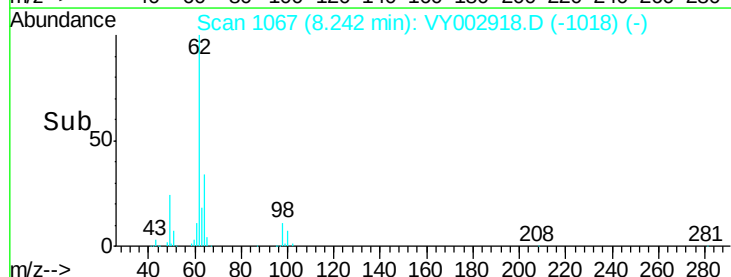
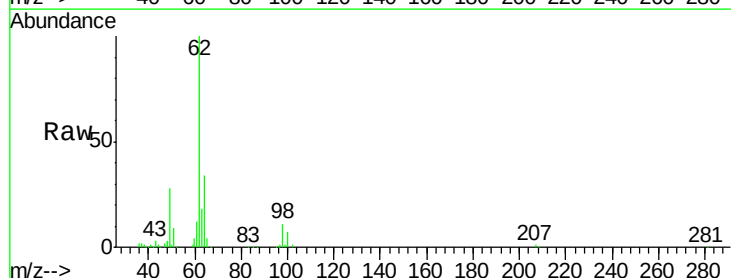
Manual Integrations
APPROVED

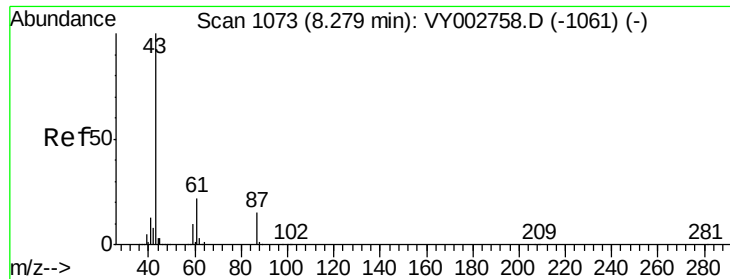
MMDadoda
6/19/2020 1:12:14 PM



#42
1,2-Dichloroethane
Concen: 21.681 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	22.6





#43

Isopropyl Acetate

Concen: 21.699 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

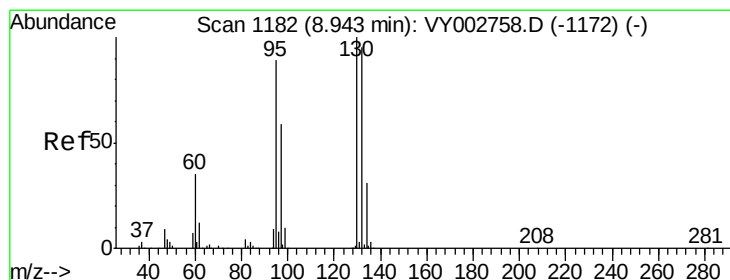
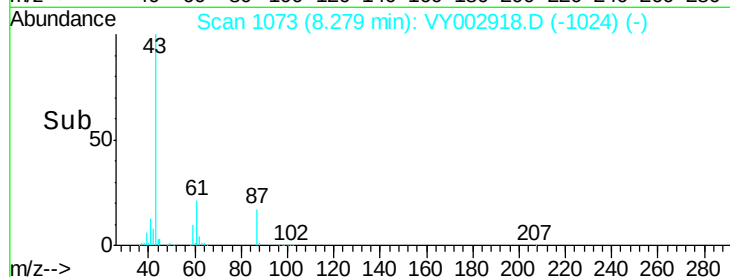
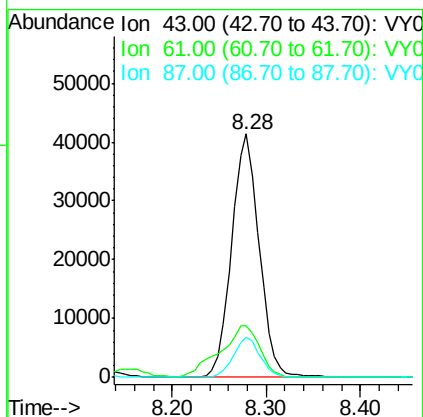
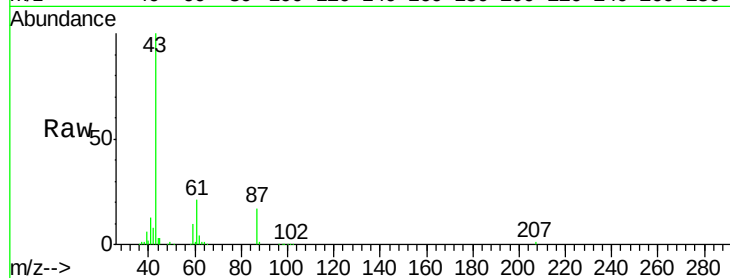
ClientSampleId :

VY0618SBS01

Tot Ion:	43	Resp:	84241
Ion	Ratio	Lower	Upper
43	100		
61	30.8	24.8	37.2
87	16.0	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 21.224 ug/l

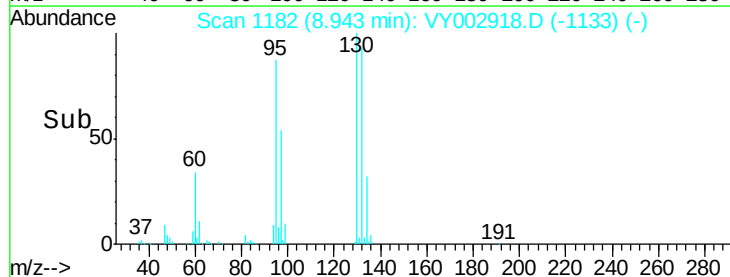
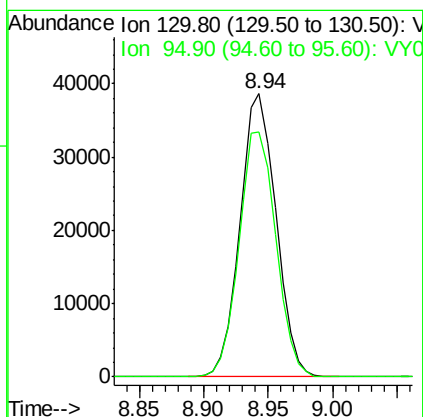
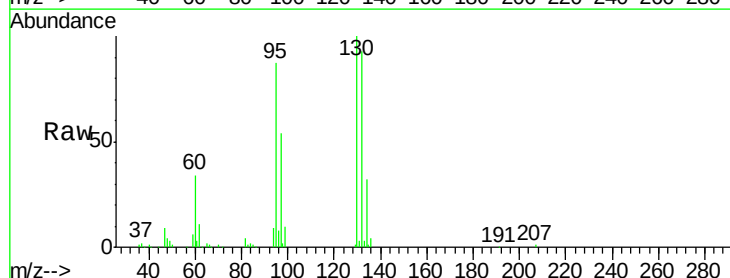
RT: 8.94 min Scan# 1182

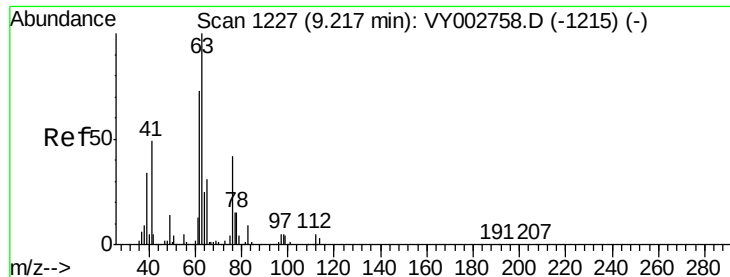
Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Tgt Ion:	130	Resp:	74590
Ion	Ratio	Lower	Upper
130	100		
95	86.6	0.0	178.8





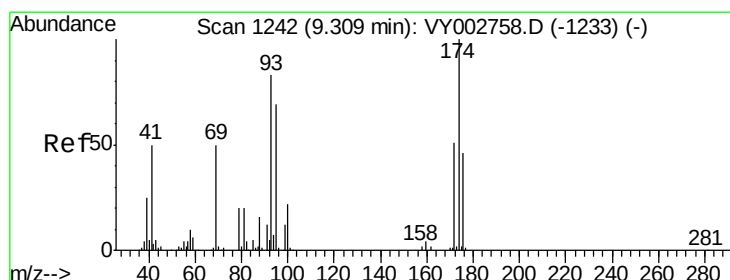
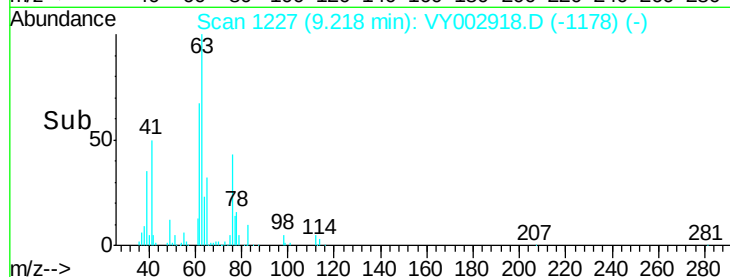
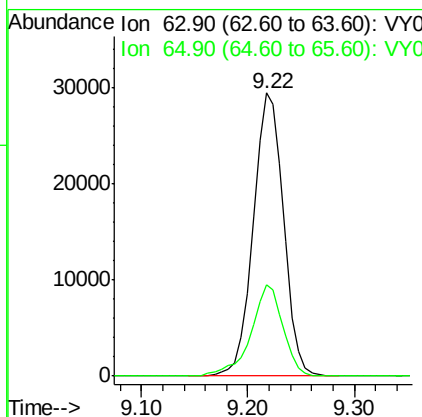
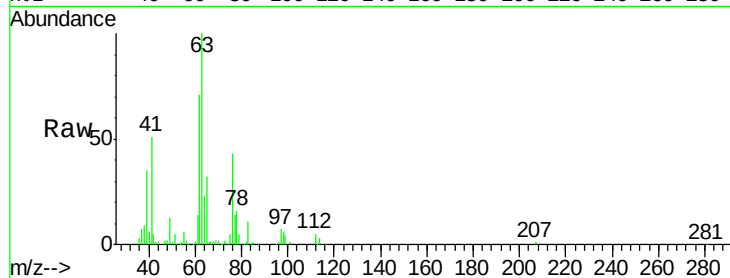
#45
 1,2-Dichloropropane
 Concen: 21.992 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.8	37.2

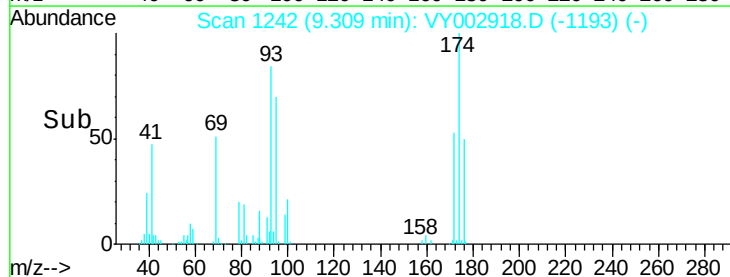
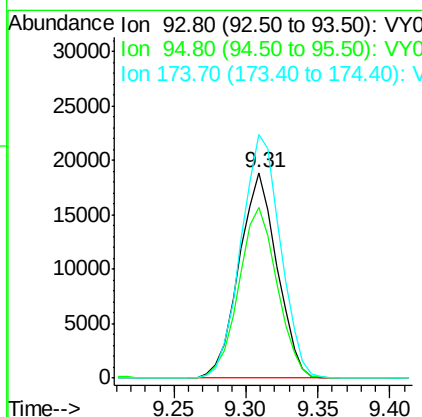
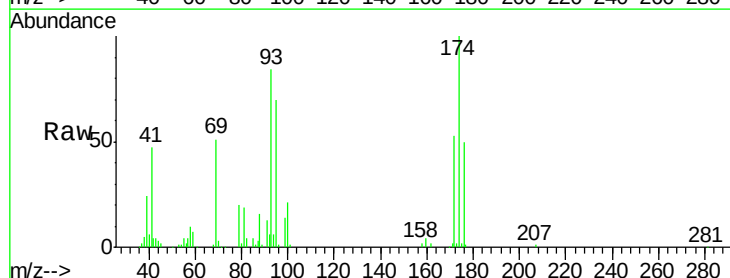
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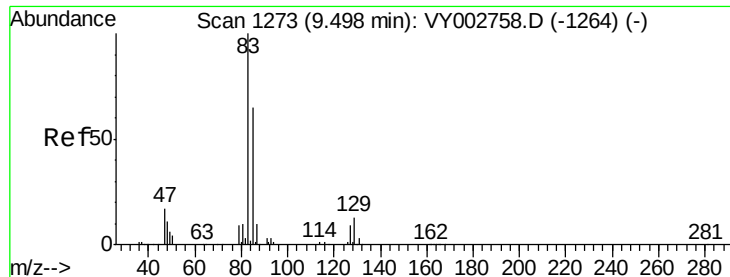
MMDadoda
 6/19/2020 1:12:14 PM



#46
 Dibromomethane
 Concen: 21.738 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	66.9	100.3
174	122.8	97.7	146.5





#47

Bromodichloromethane

Concen: 22.065 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

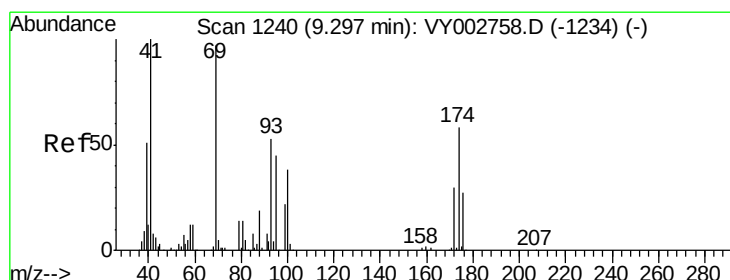
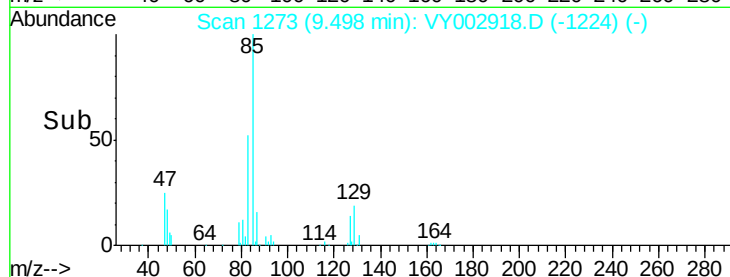
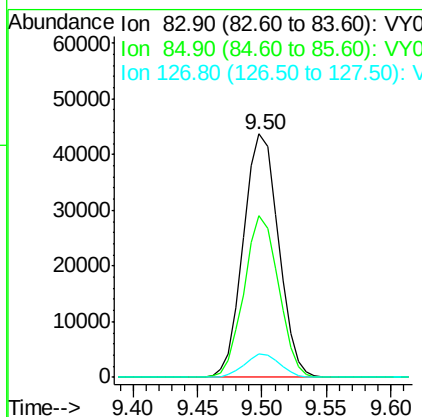
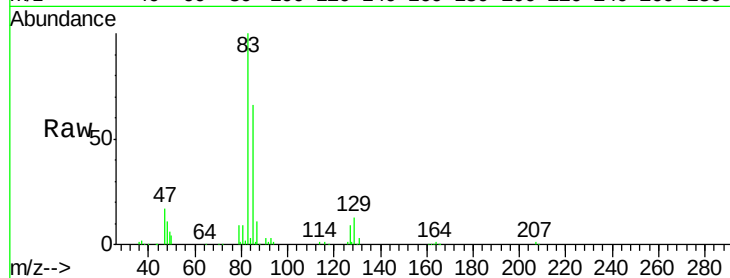
ClientSampleId :

VY0618SBS01

Tot Ion:	83	Resp:	82428
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.9	77.9
127	9.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.797 ug/l

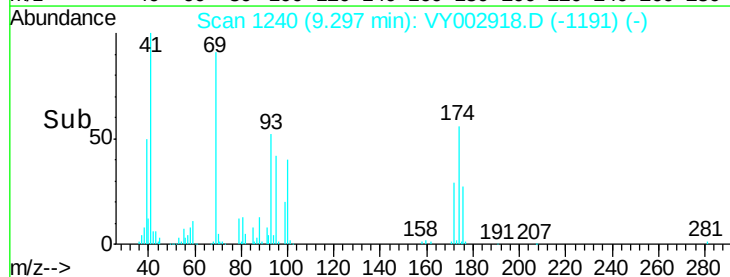
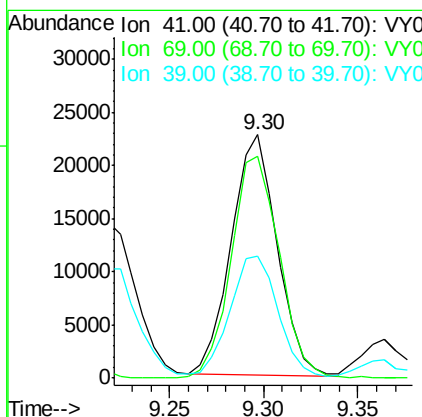
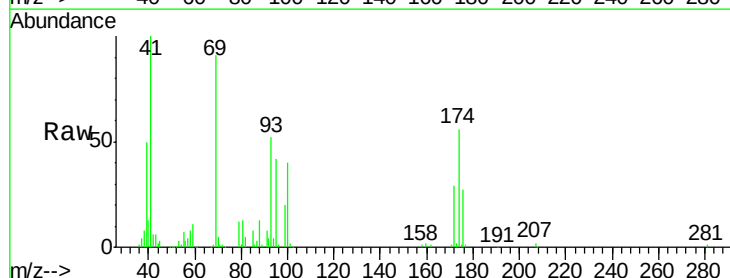
RT: 9.30 min Scan# 1240

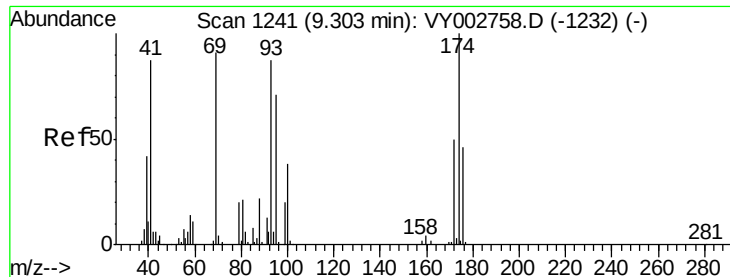
Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Tgt Ion:	41	Resp:	38201
Ion Ratio	Lower	Upper	
41	100		
69	96.5	79.7	119.5
39	53.8	43.3	64.9





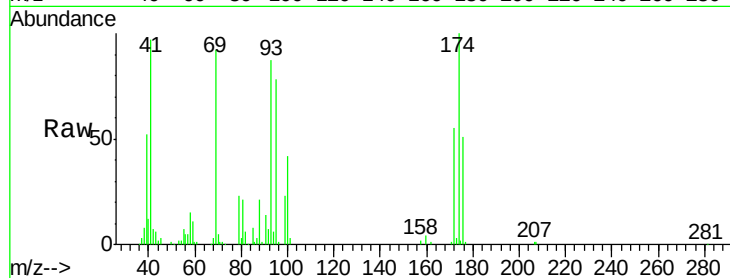
#49
1,4-Dioxane
Concen: 397.150 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	88	Resp	9663
Ion	Ratio	Lower	Upper
88	100		
43	26.8	21.3	31.9
58	69.8	52.2	78.2

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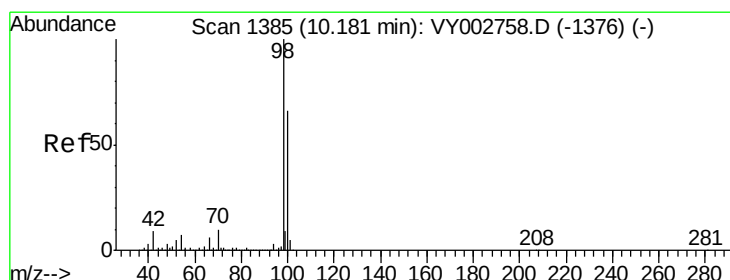
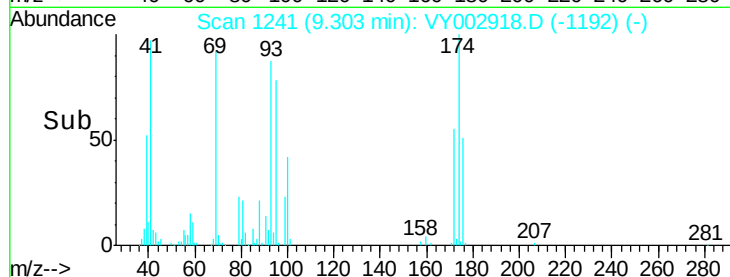
Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

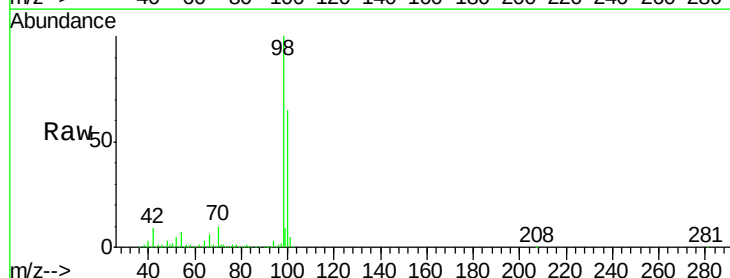
Ion 58.00 (57.70 to 58.70): VY0

Time-->



#50
Toluene-d8
Concen: 44.758 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	98	Resp	474080
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2

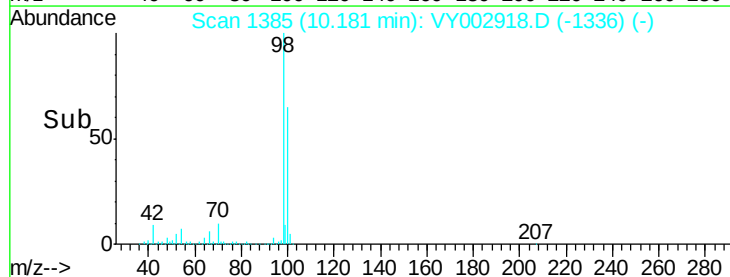


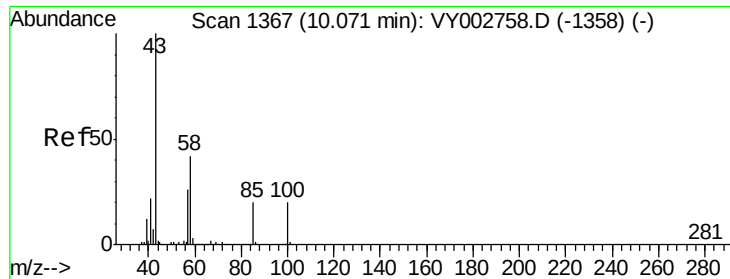
Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

Time-->





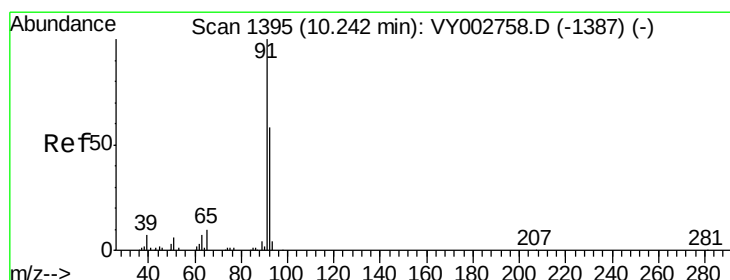
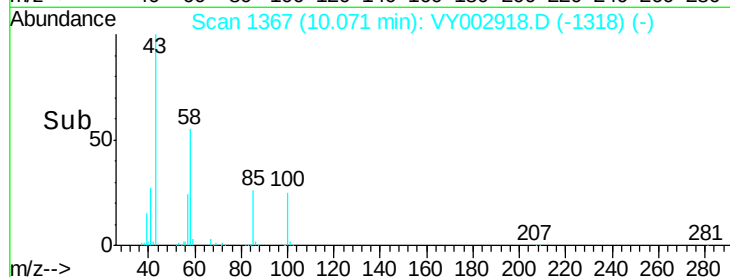
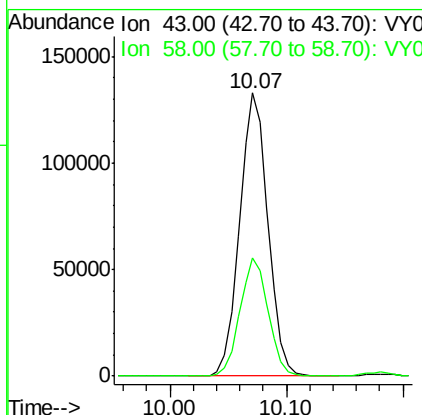
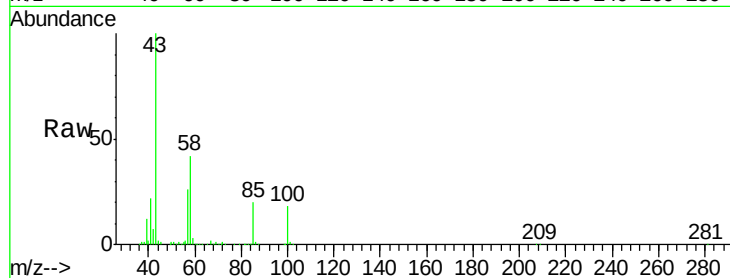
#51
4-Methyl-2-Pentanone
Concen: 109.277 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.7	34.2	51.2

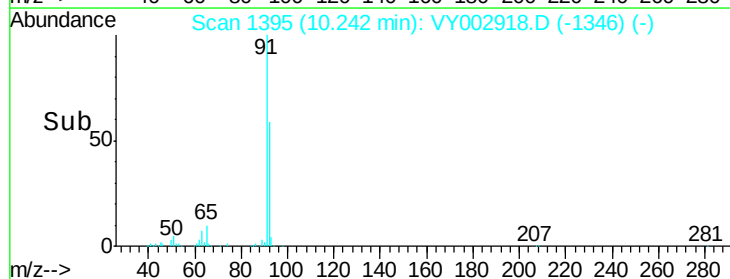
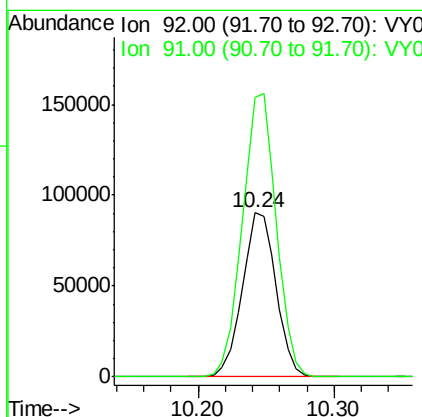
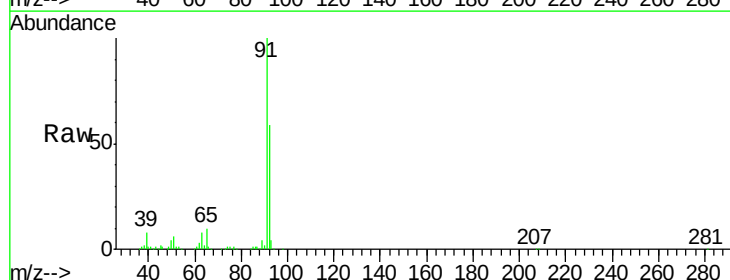
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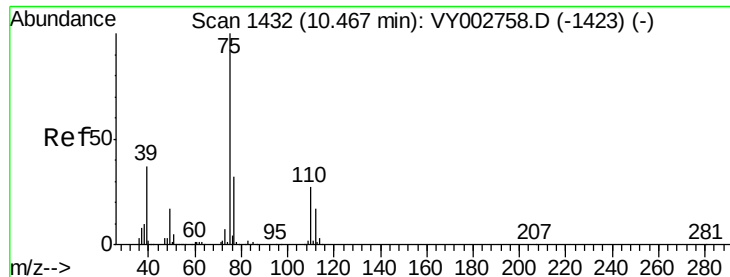
MMDadoda
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#52
Toluene
Concen: 21.455 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.8	138.5	207.7





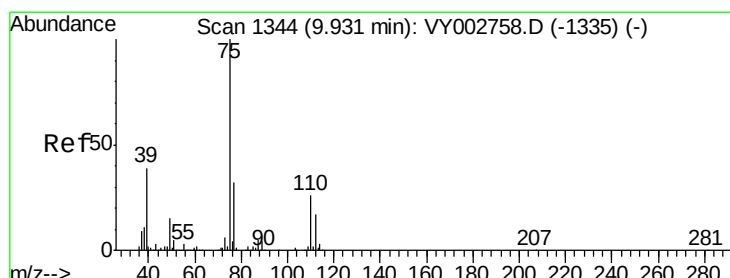
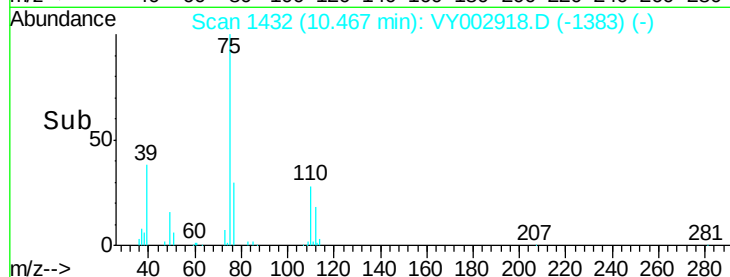
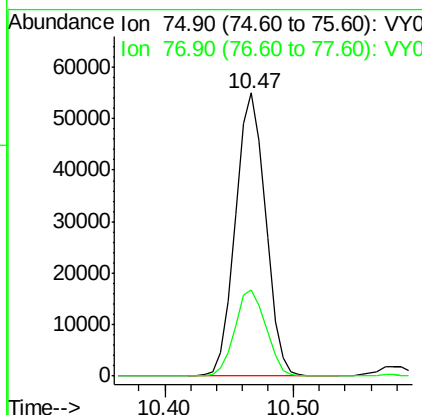
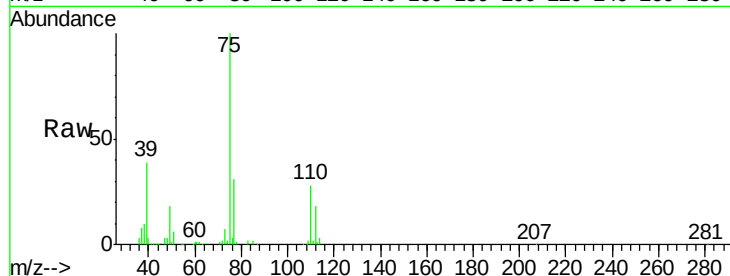
#53
 t-1,3-Dichloropropene
 Concen: 21.889 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.3	37.9

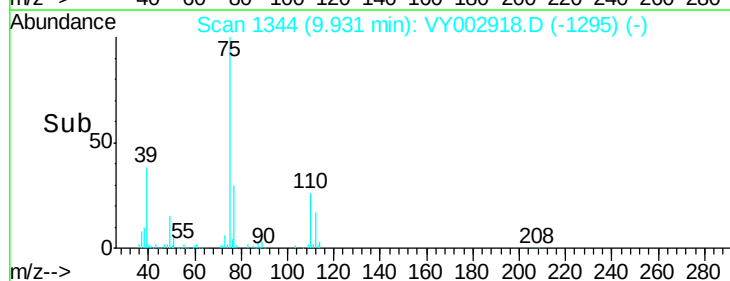
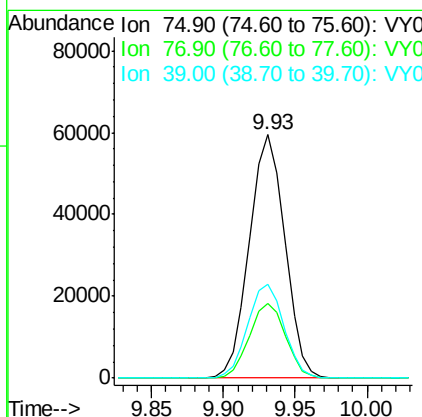
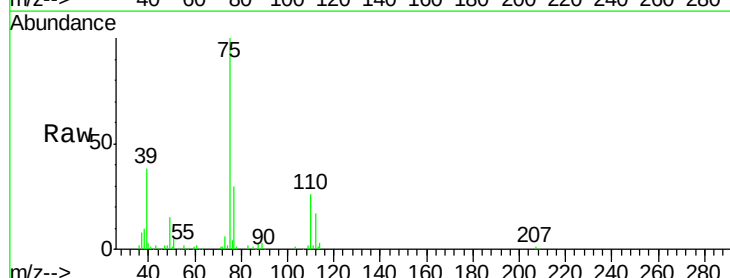
Manual Integrations
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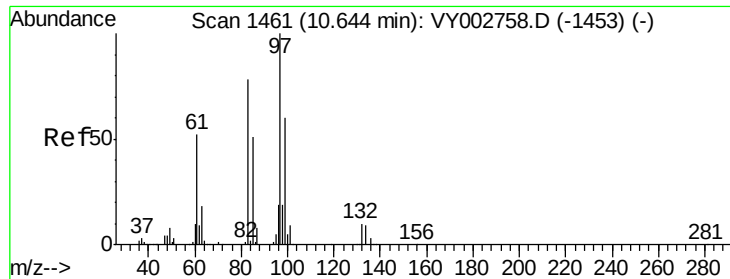
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#54
 cis-1,3-Dichloropropene
 Concen: 21.982 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.6	38.4
39	38.5	31.3	46.9





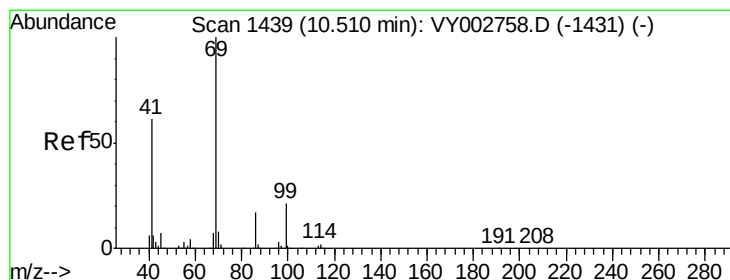
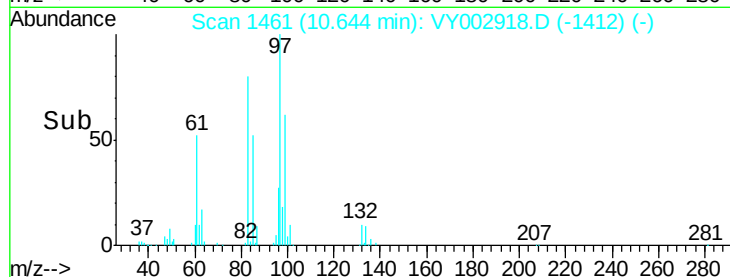
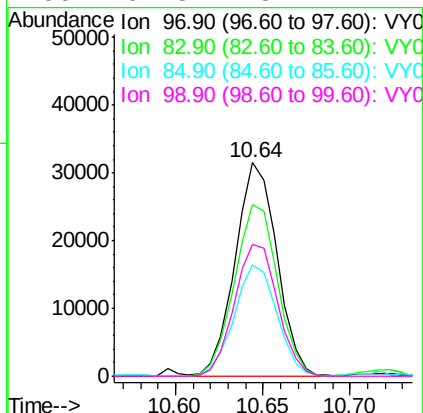
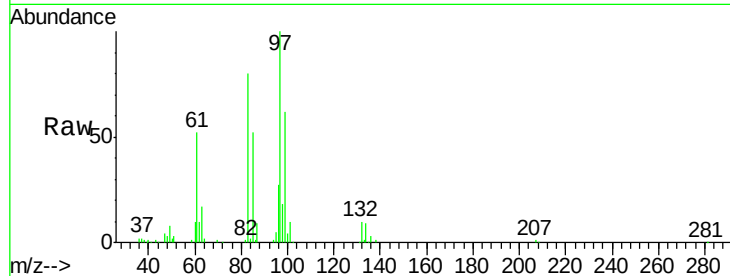
#55
 1,1,2-Trichloroethane
 Concen: 21.599 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.0	62.7	94.1
85	52.0	40.6	60.8
99	61.8	48.2	72.4

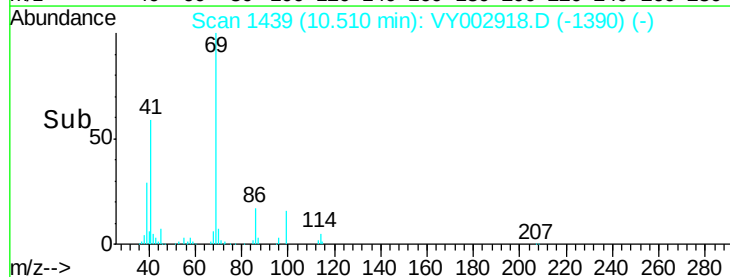
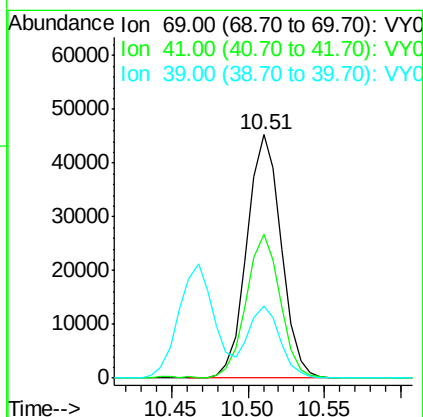
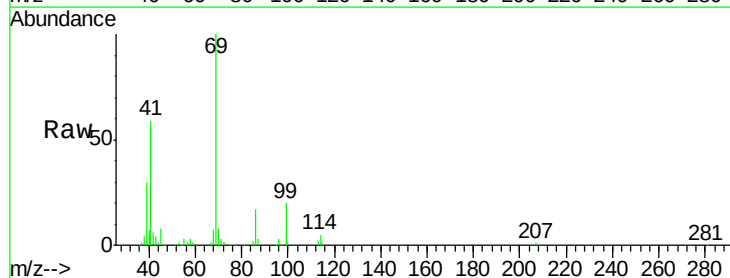
Manual Integrations
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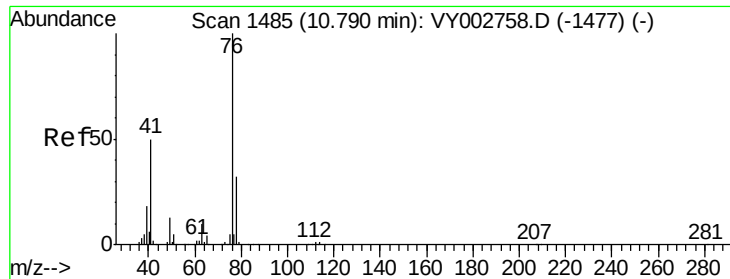
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 21.701 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.7	47.0	70.4
39	27.5	22.0	33.0





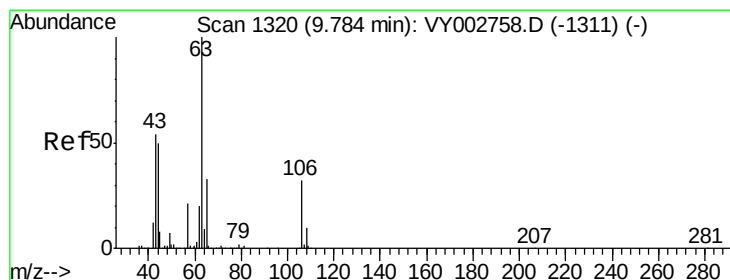
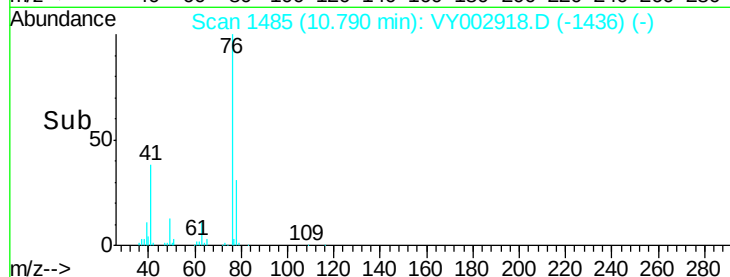
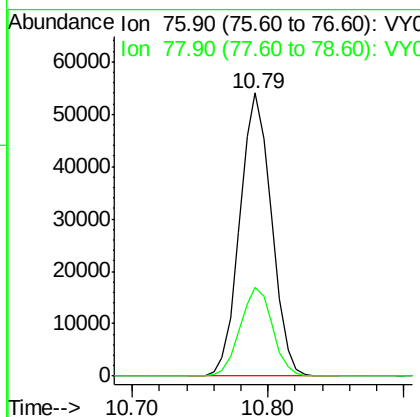
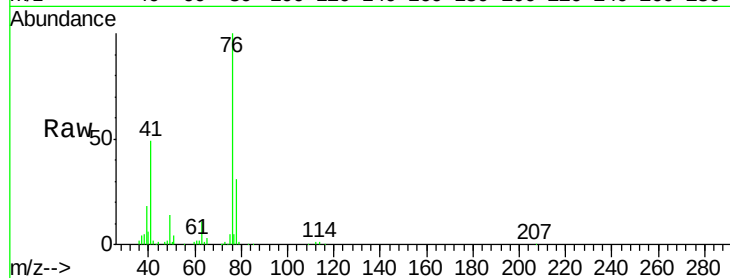
#57
 1,3-Dichloropropane
 Concen: 22.019 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.1	39.1

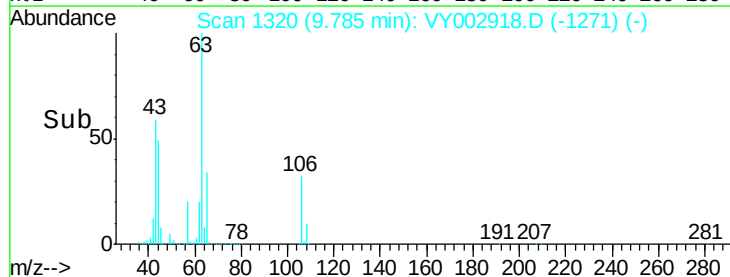
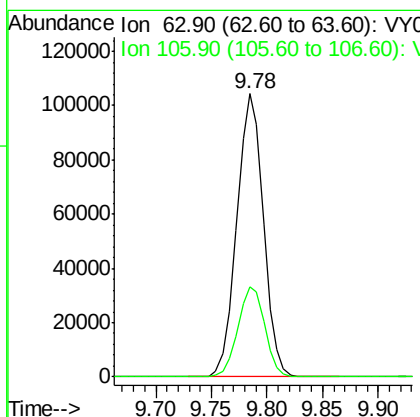
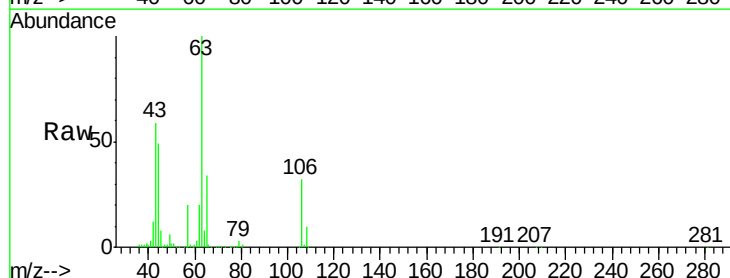
Manual Integrations
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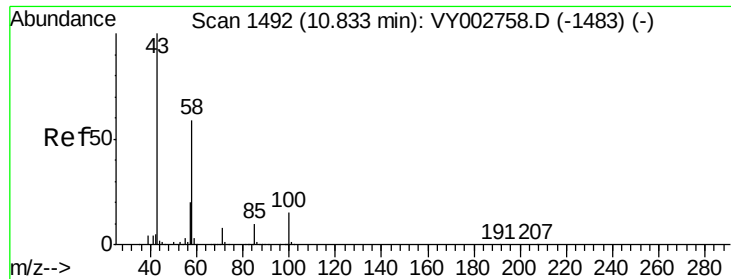
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.397 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	25.4	38.2





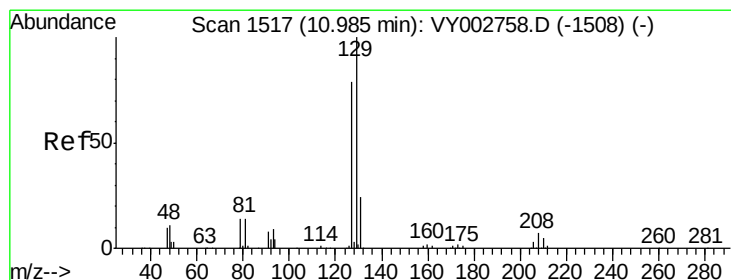
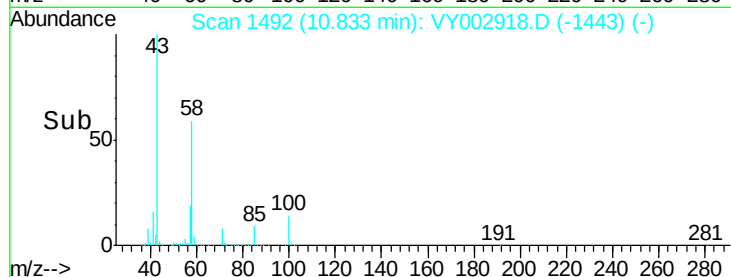
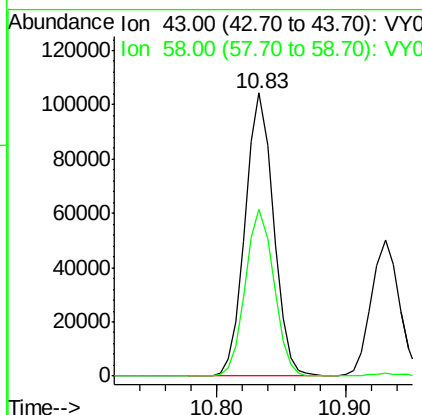
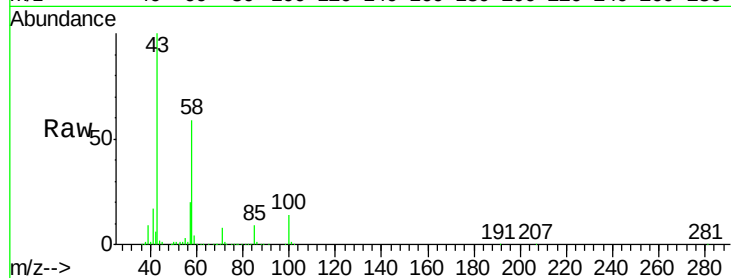
#59
2-Hexanone
Concen: 108.889 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.2	29.5	88.5

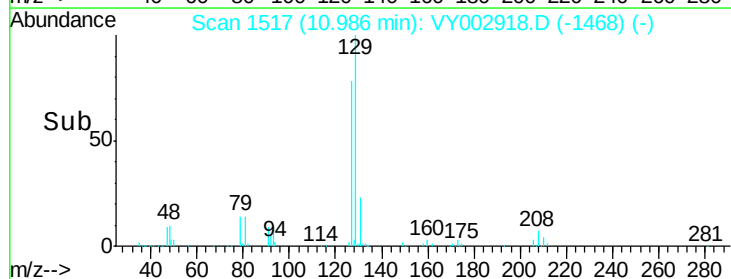
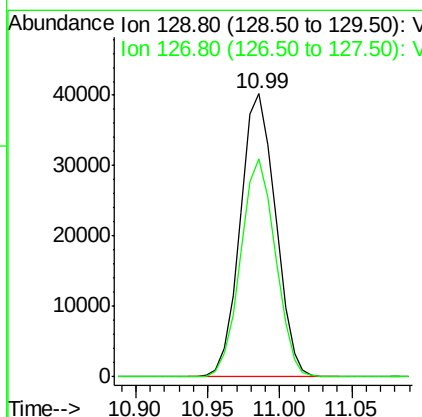
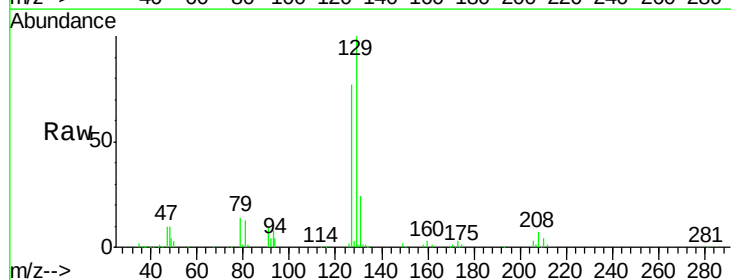
Manual Integrations
APPROVED

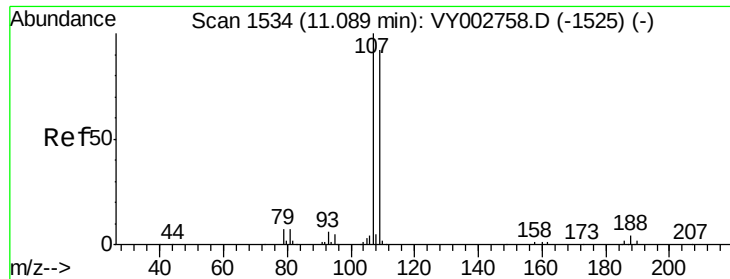
MMDadoda
6/19/2020 1:12:14 PM



#60
Dibromochloromethane
Concen: 22.249 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.5	115.3





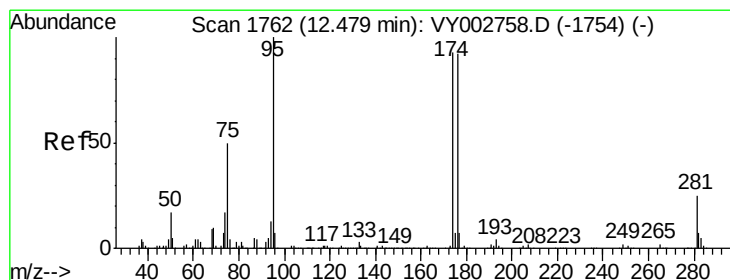
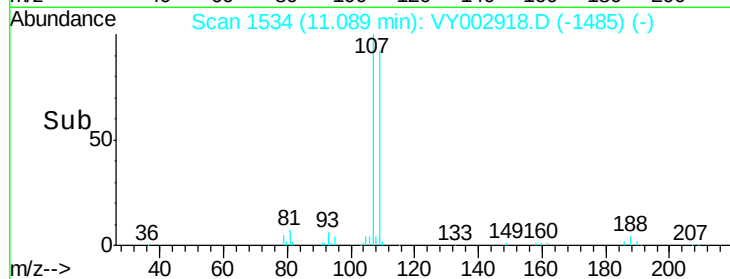
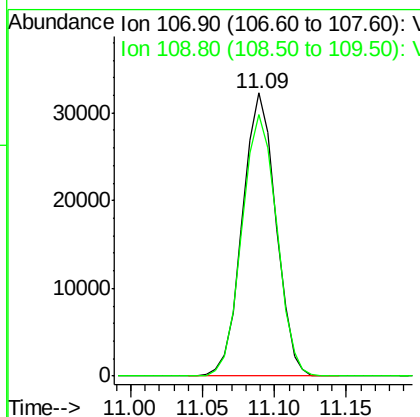
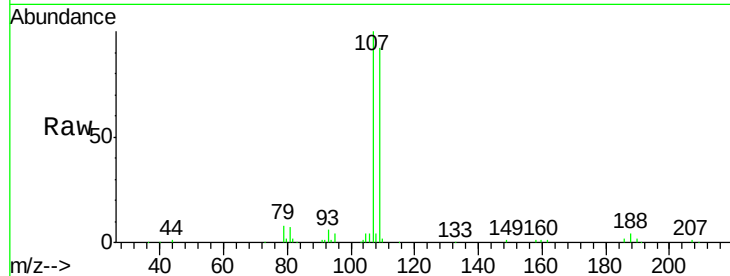
#61
 1,2-Dibromoethane
 Concen: 21.746 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.6	113.4

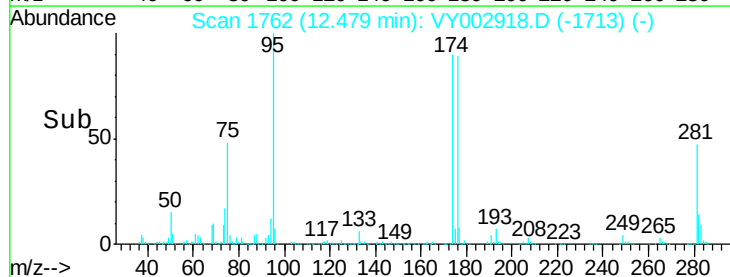
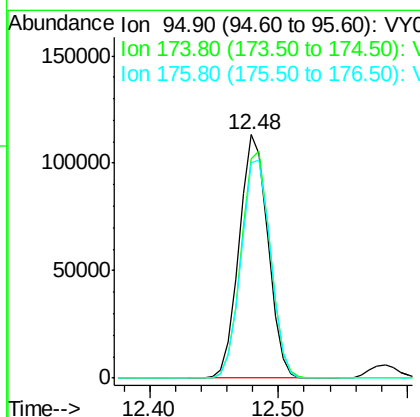
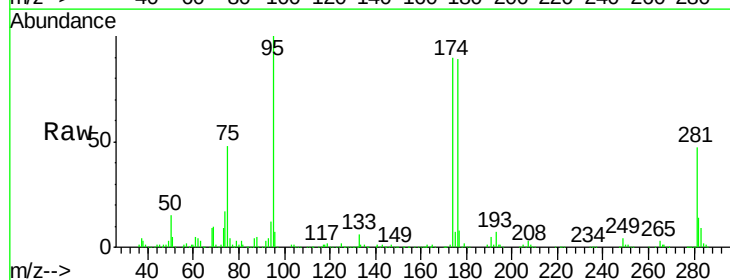
Manual Integrations
 APPROVED

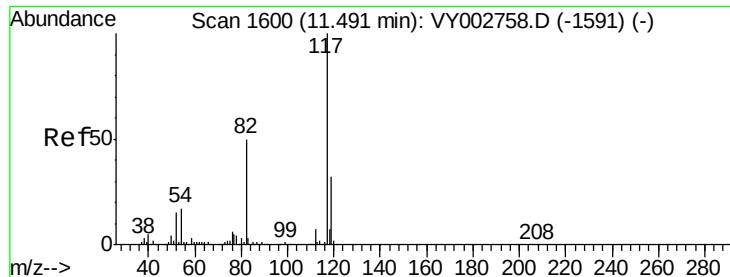
MMDadoda
 6/19/2020 1:12:14 PM



#62
 4-Bromofluorobenzene
 Concen: 48.274 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	191.2
176	91.6	0.0	188.8





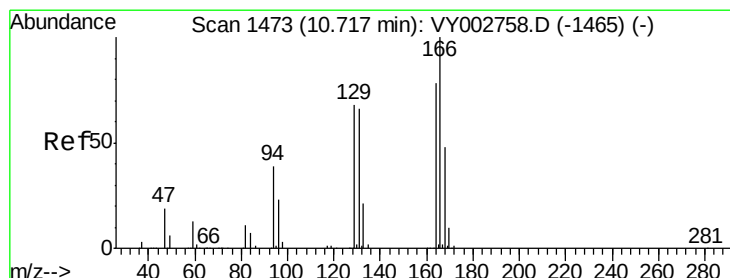
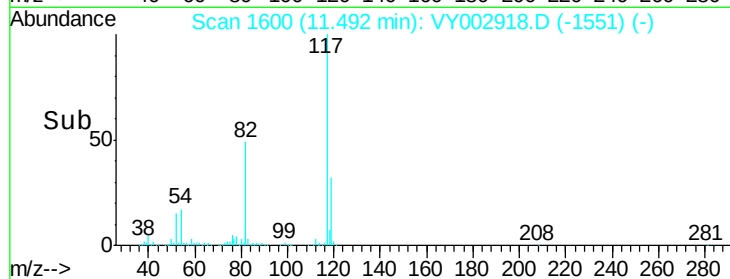
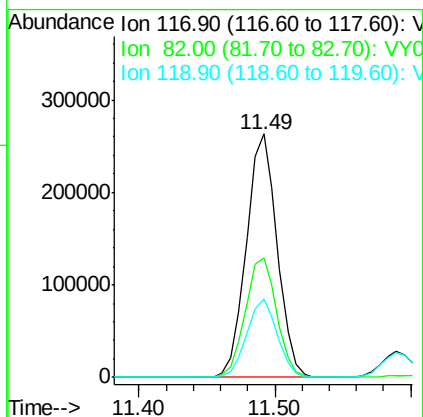
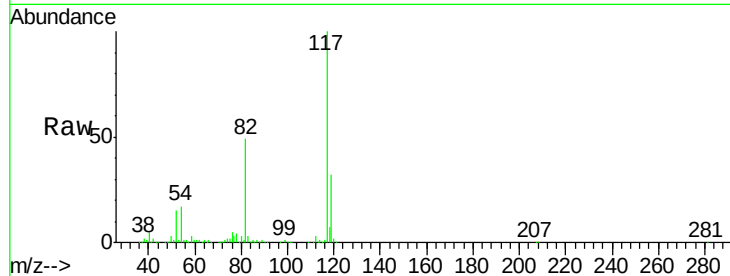
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.2	40.2	60.4
119	32.4	25.8	38.8

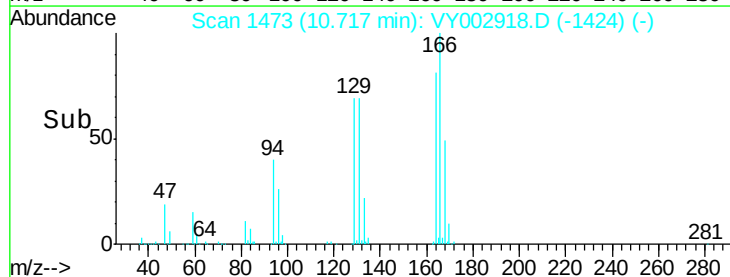
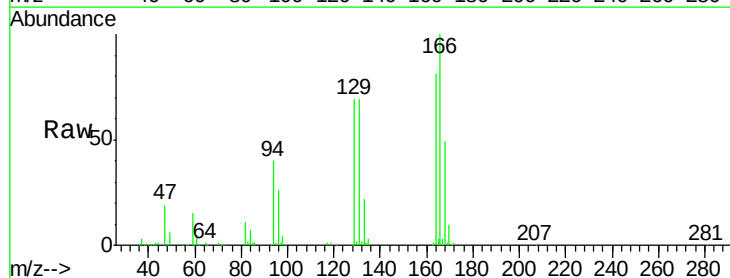
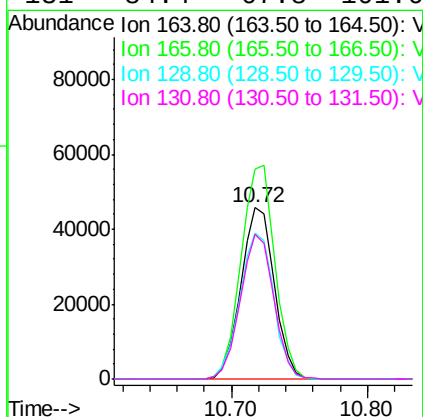
Manual Integrations
APPROVED

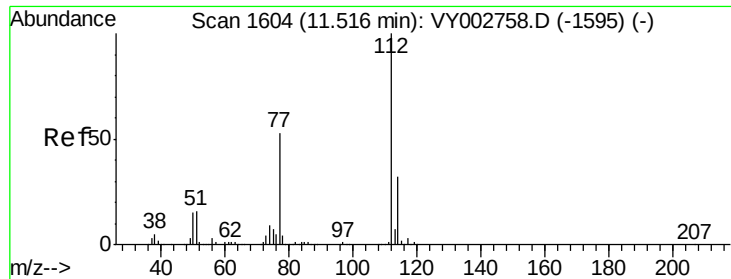
MMDadoda
6/19/2020 1:12:14 PM



#64
Tetrachloroethene
Concen: 20.763 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	102.3	153.5
129	85.2	69.4	104.2
131	84.4	67.8	101.6





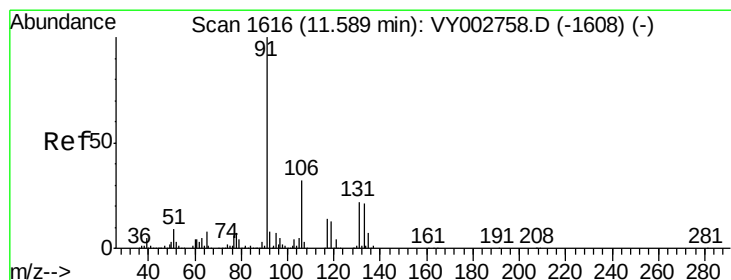
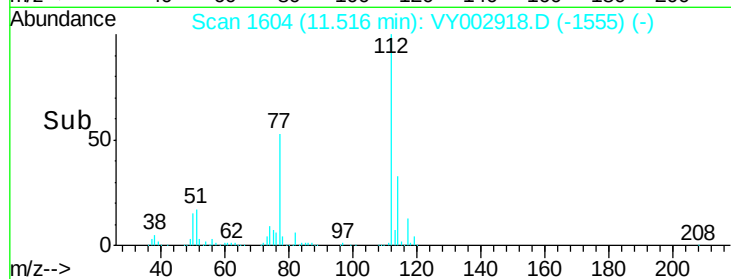
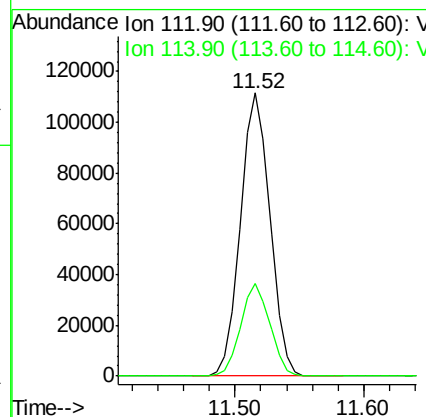
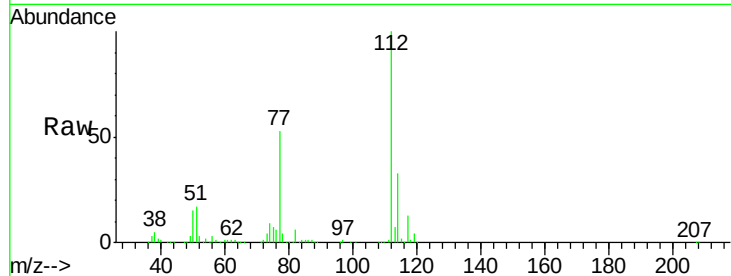
#65
Chlorobenzene
Concen: 21.514 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:112 Resp: 177432
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

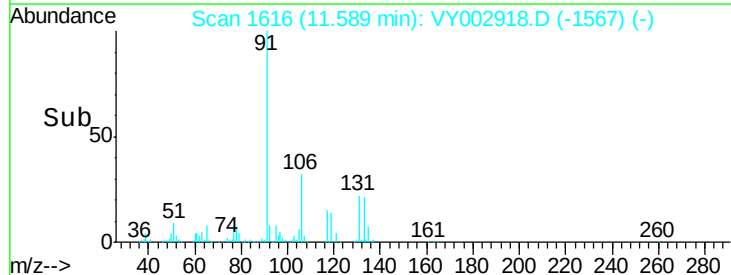
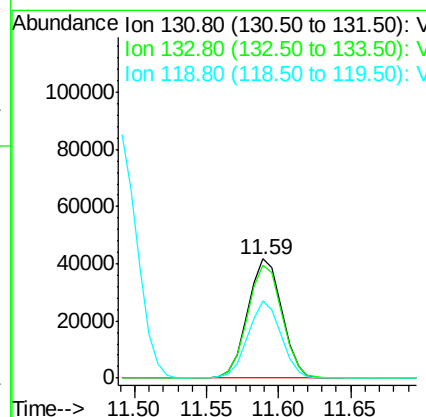
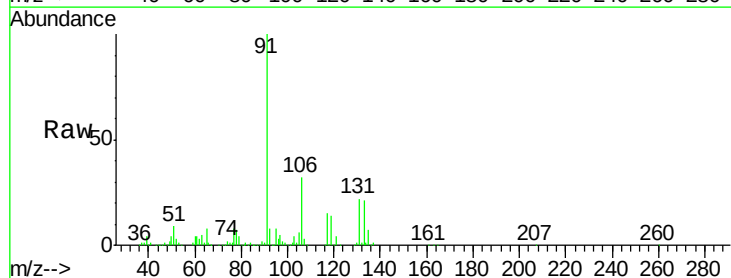
Manual Integrations
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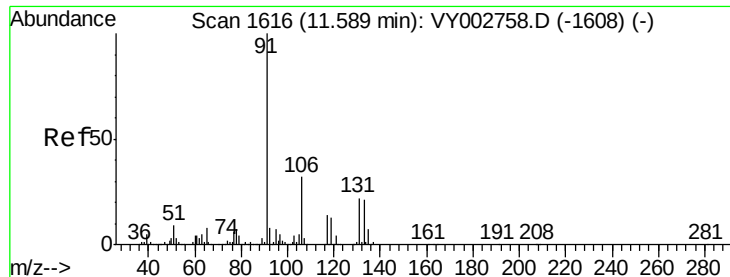
MMDadoda
6/19/2020 1:12:14 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.971 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion:131 Resp: 68247
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.8
119 62.7 31.7 95.1





#67

Ethyl Benzene

Concen: 21.456 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 91 Resp: 306777

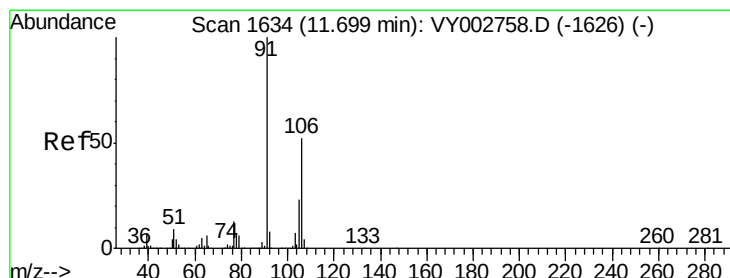
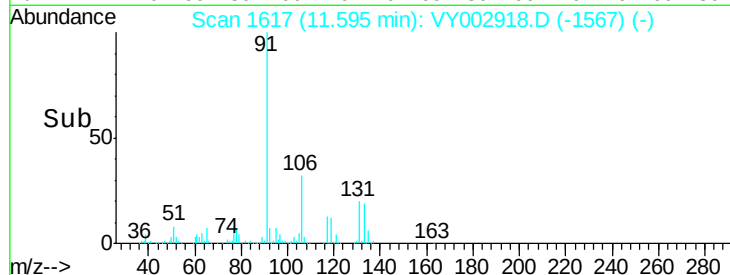
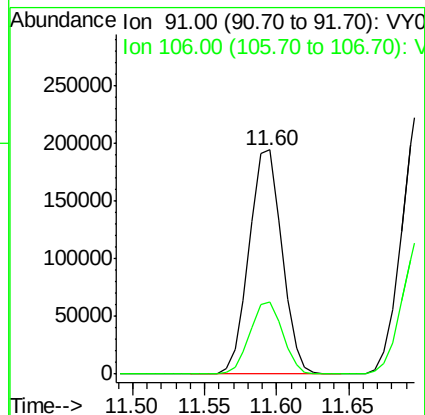
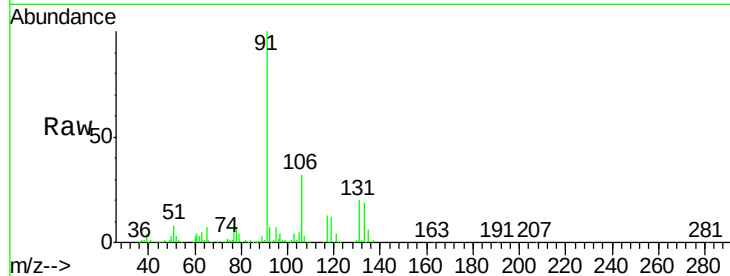
Ion Ratio Lower Upper

91 100

106 32.0 25.7 38.5

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 43.042 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002918.D

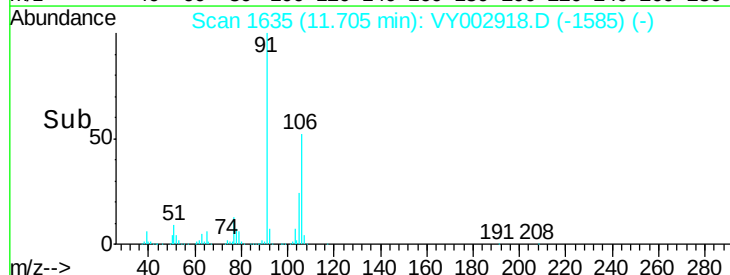
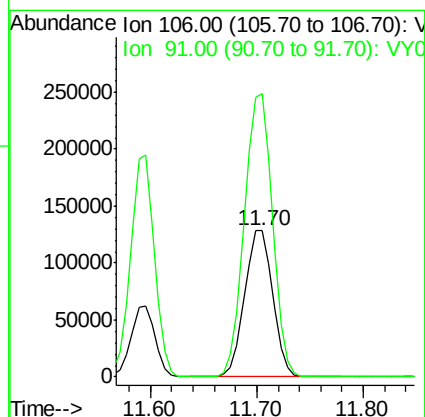
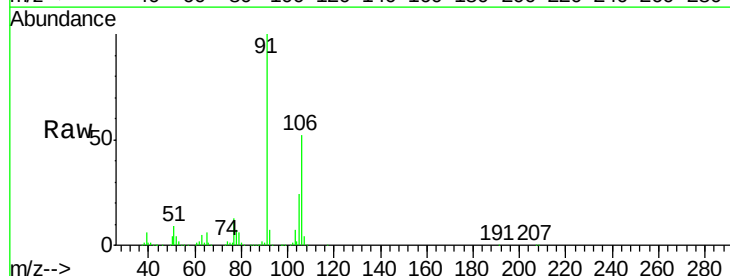
Acq: 18 Jun 2020 14:36

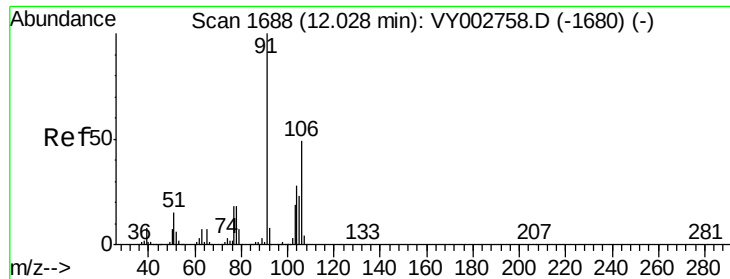
Tgt Ion: 106 Resp: 238605

Ion Ratio Lower Upper

106 100

91 193.5 156.0 234.0





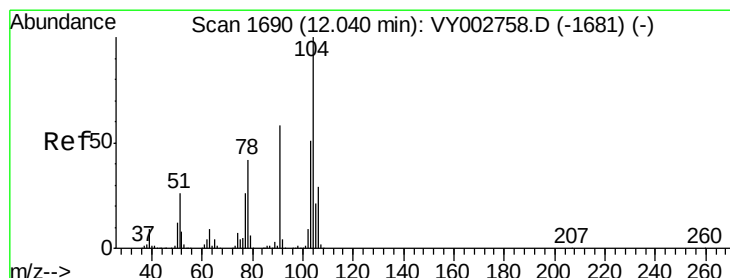
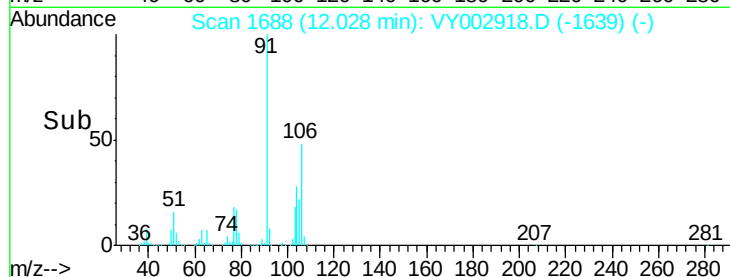
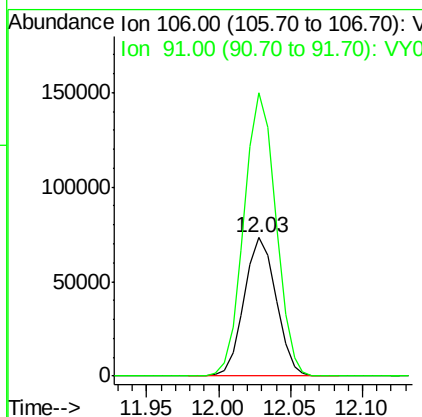
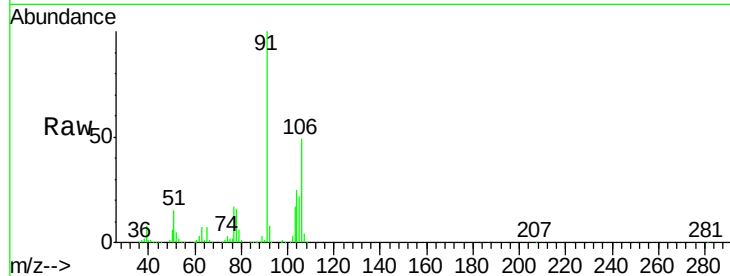
#69
o-Xylene
Concen: 21.537 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:106 Resp: 112712
Ion Ratio Lower Upper
106 100
91 204.0 102.4 307.1

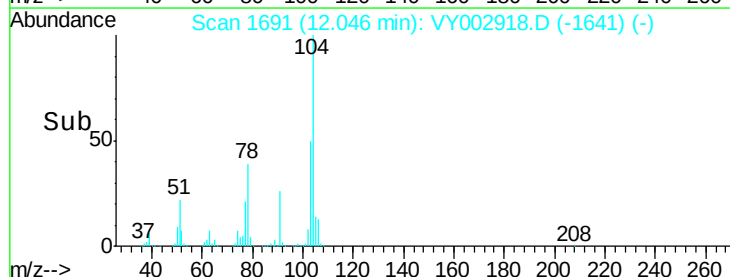
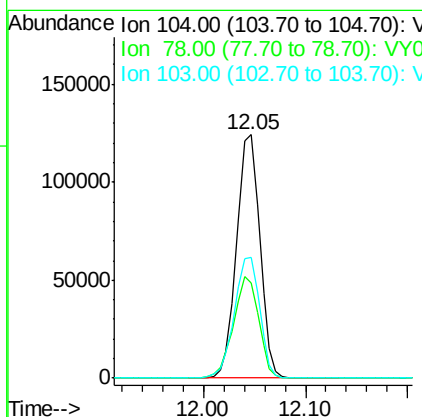
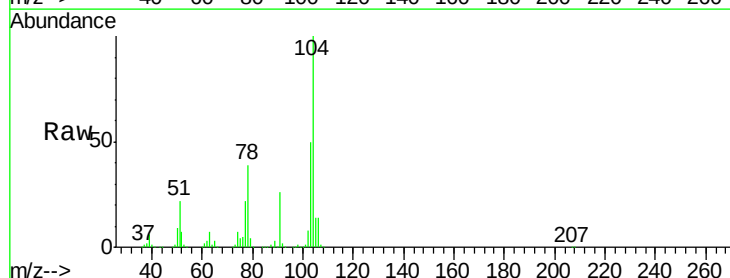
Manual Integrations
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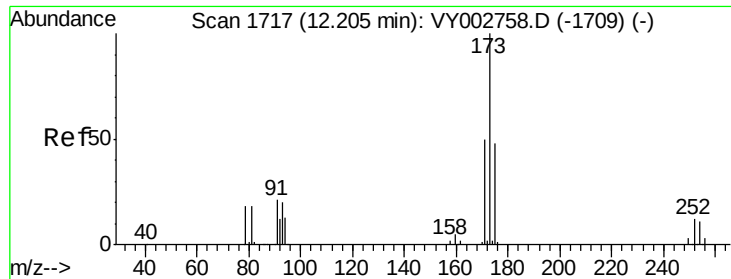
MMDadoda
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#70
Styrene
Concen: 21.561 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion:104 Resp: 195602
Ion Ratio Lower Upper
104 100
78 45.1 36.2 54.4
103 54.1 43.6 65.4





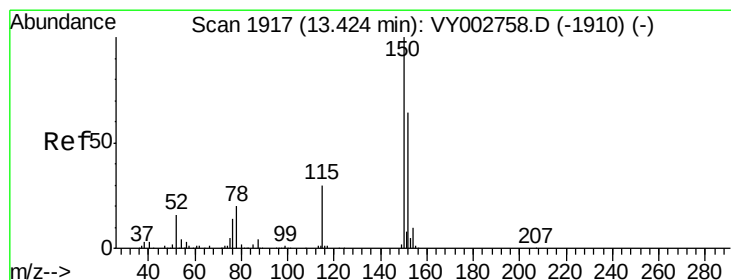
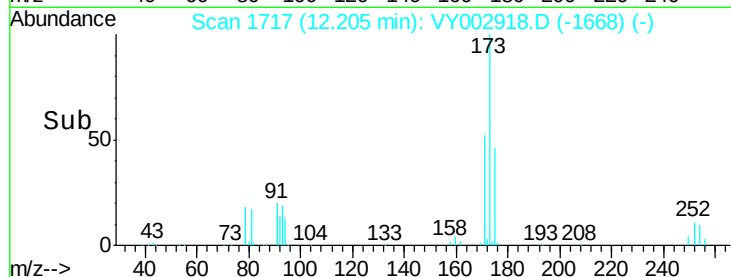
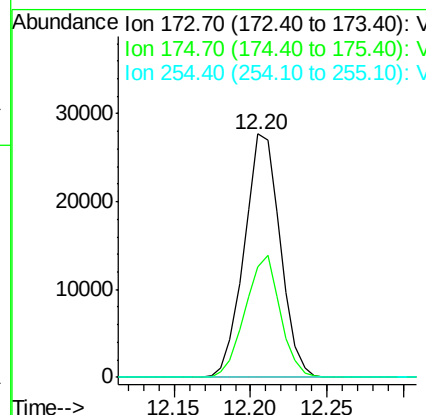
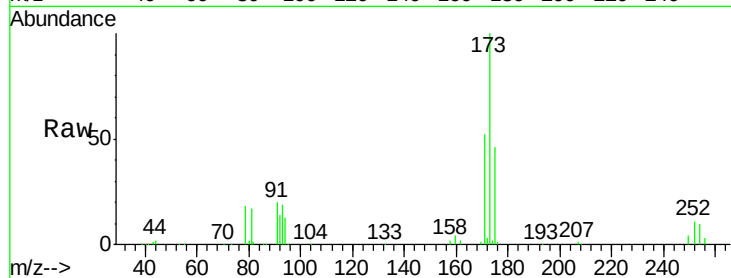
#71
Bromoform
Concen: 21.747 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.8
254	0.0	0.1	0.1#

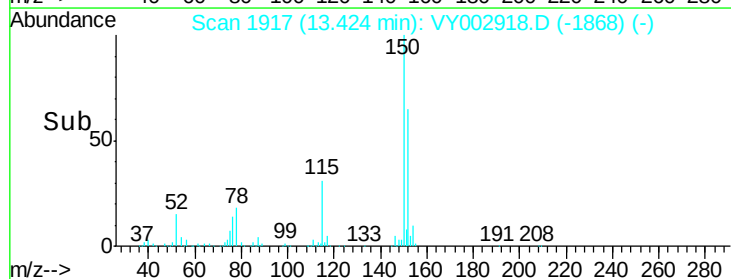
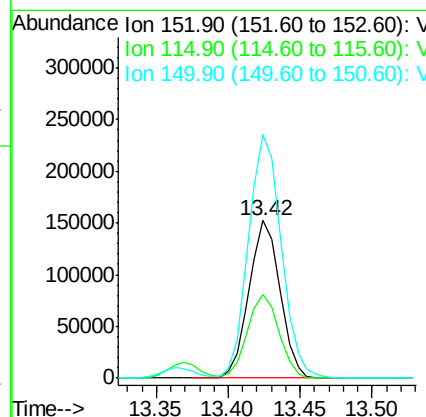
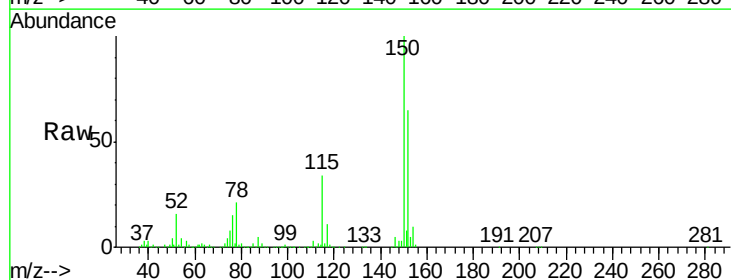
Manual Integrations
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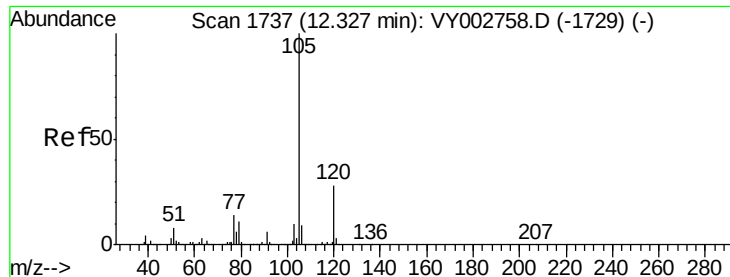
MMDadoda
6/19/2020 1:12:14 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.0	81.0
150	164.5	0.0	344.8





#73

Isopropylbenzene

Concen: 21.500 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:105 Resp: 311918

Ion Ratio Lower Upper

105 100

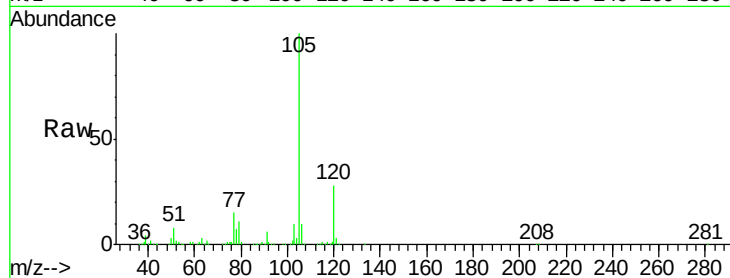
120 27.4 13.7 41.1

Manual Integrations

APPROVED

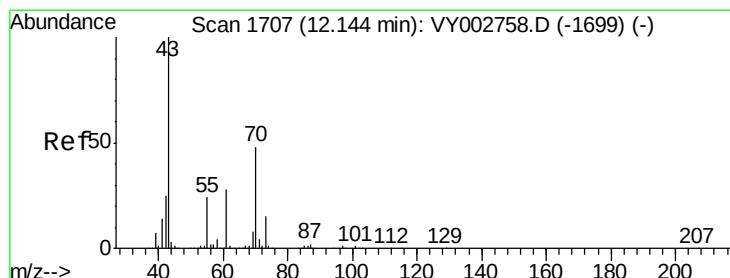
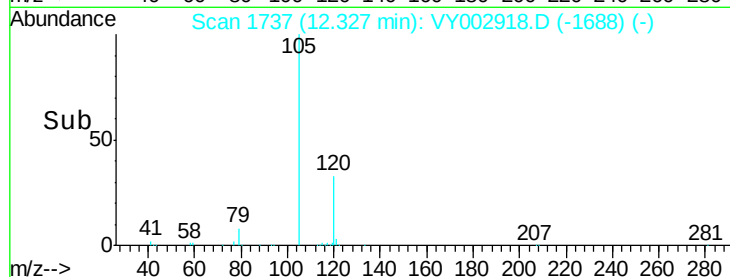
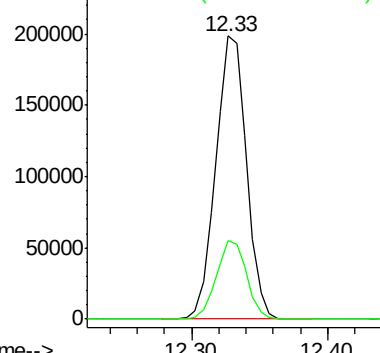
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.174 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Tgt Ion: 43 Resp: 78819

Ion Ratio Lower Upper

43 100

70 47.6 37.7 56.5

55 26.0 19.8 29.6

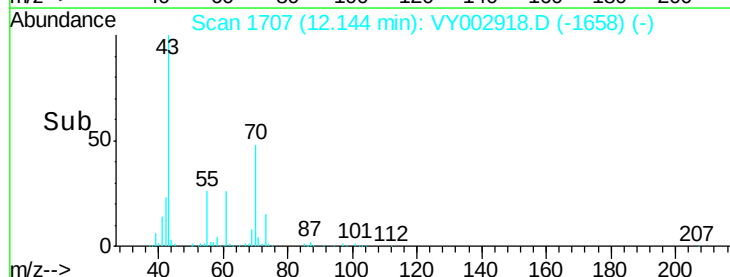
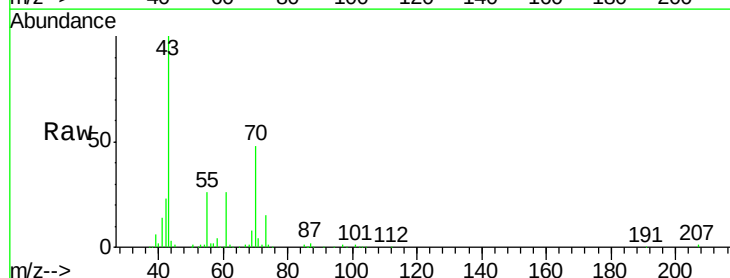
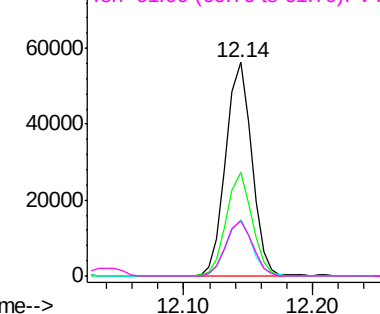
61 26.4 21.7 32.5

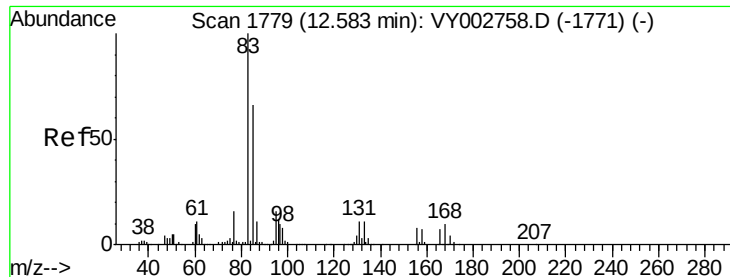
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 22.736 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

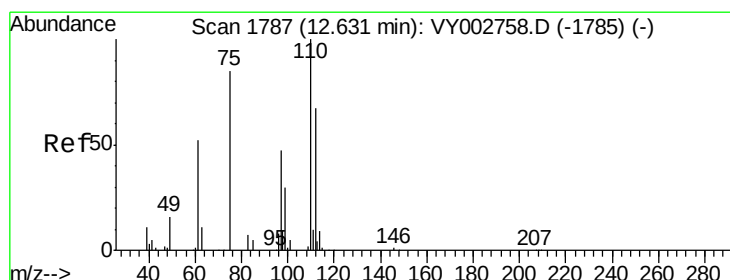
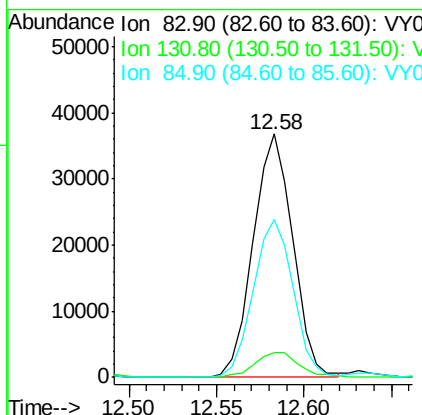
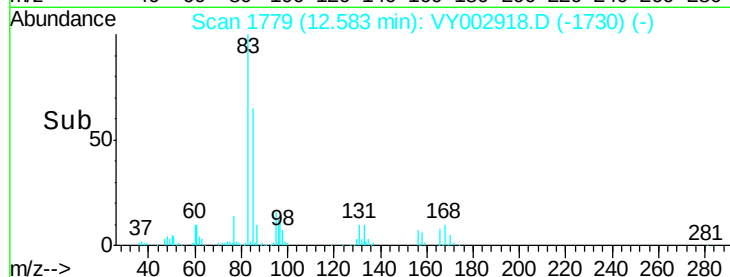
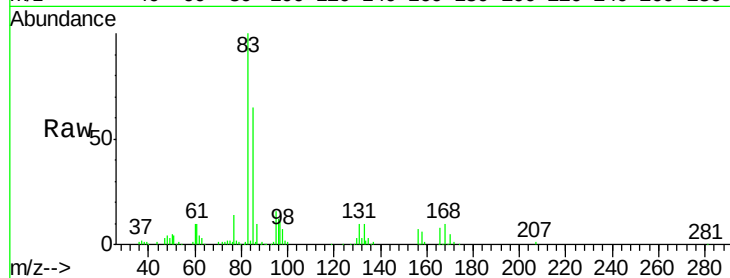
ClientSampleId :

VY0618SBS01

Tot Ion:	83	Resp:	57876
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.8	17.4
85	65.0	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.637 ug/l m

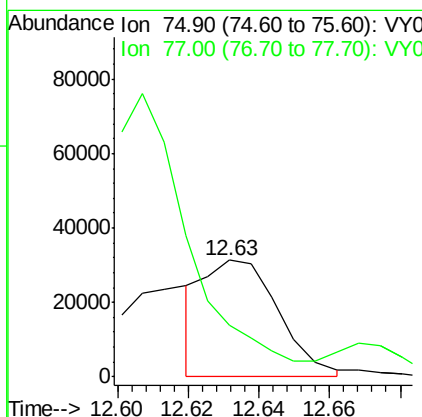
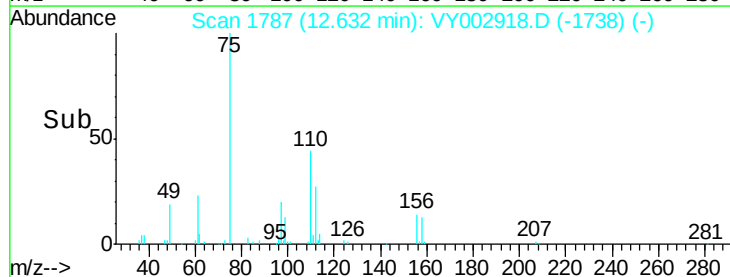
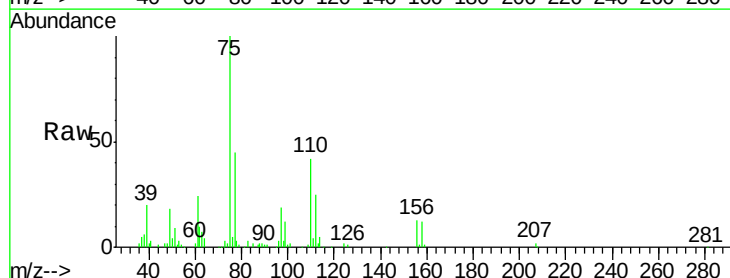
RT: 12.63 min Scan# 1787

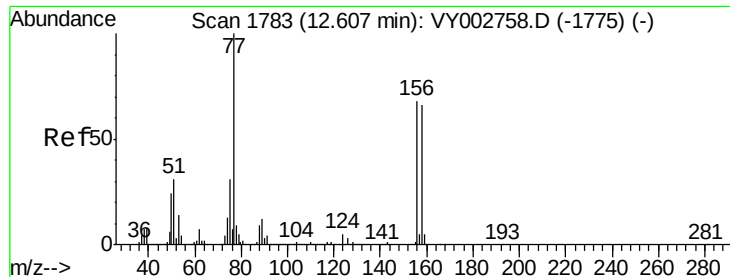
Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Tgt Ion:	75	Resp:	46177
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.021 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

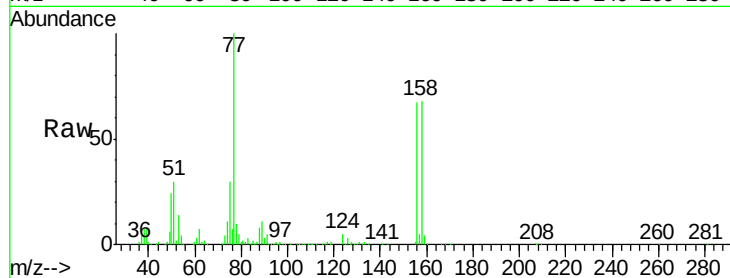
ClientSampleId :

VY0618SBS01

Tot Ion:	156	Resp:	79412
Ion Ratio	Lower	Upper	
156	100		
77	166.6	81.4	244.2
158	98.1	48.5	145.6

Manual Integrations
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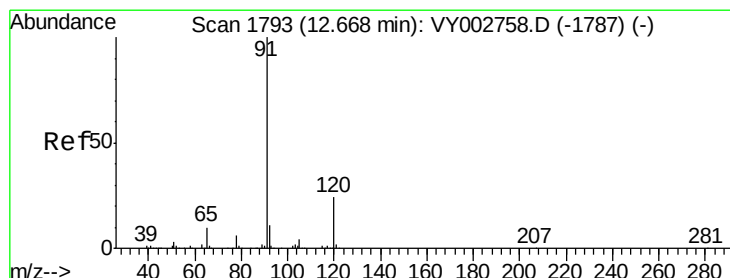
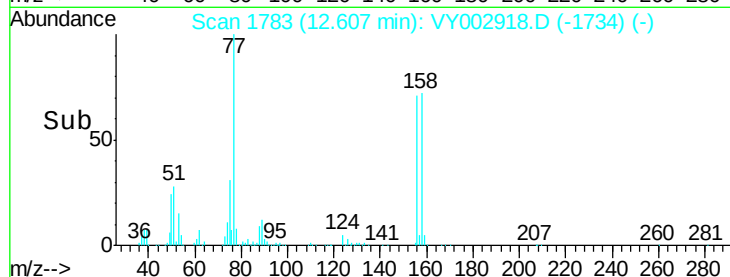
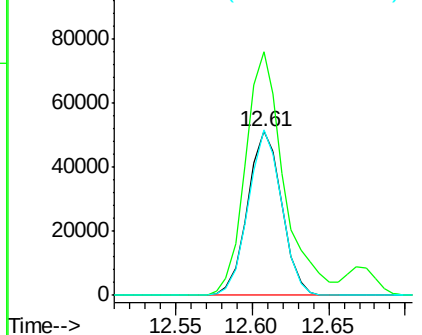
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): VY002918.D (-1734) (-)

Ion 77.00 (76.70 to 77.70): VY002918.D (-1734) (-)

Ion 157.80 (157.50 to 158.50): VY002918.D (-1734) (-)



#78

n-propylbenzene

Concen: 21.459 ug/l

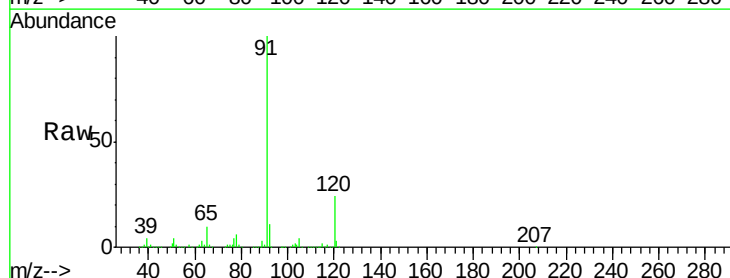
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002918.D

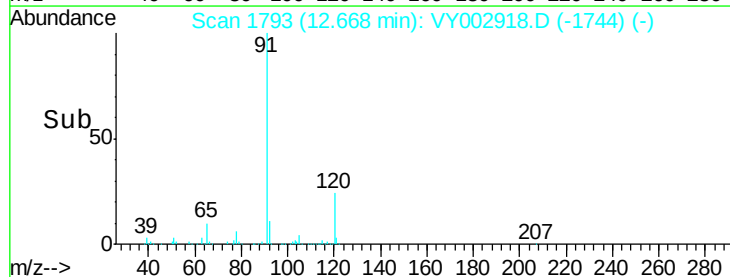
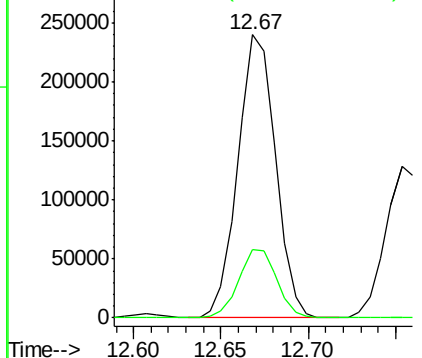
Acq: 18 Jun 2020 14:36

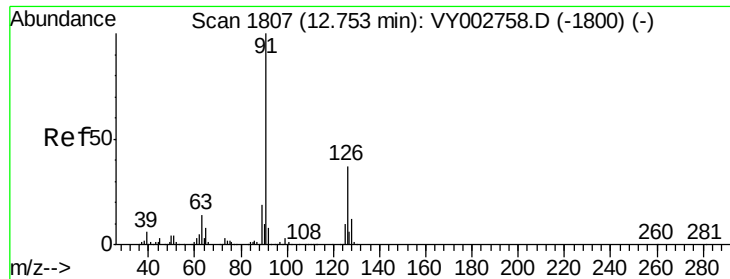
Tgt Ion:	91	Resp:	359624
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VY002918.D (-1744) (-)

Ion 120.00 (119.70 to 120.70): VY002918.D (-1744) (-)





#79

2-Chlorotoluene

Concen: 21.400 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 91 Resp: 201173

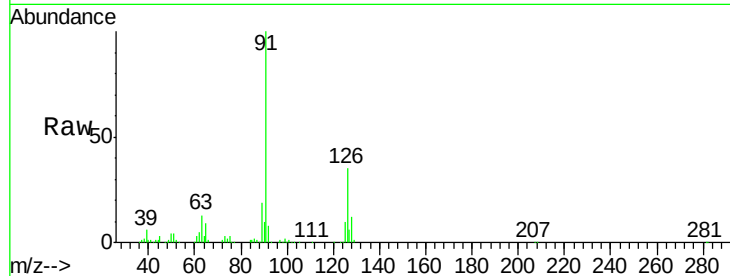
Ion Ratio Lower Upper

91 100

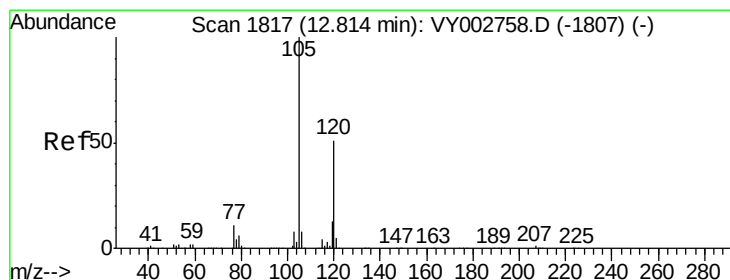
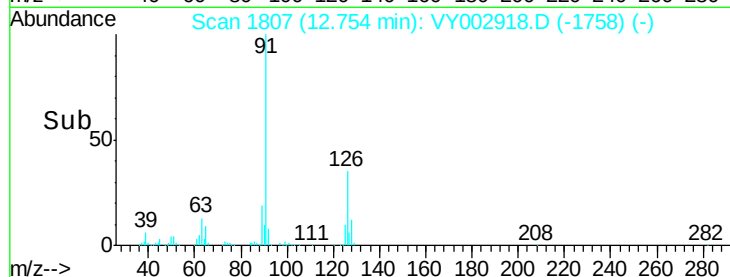
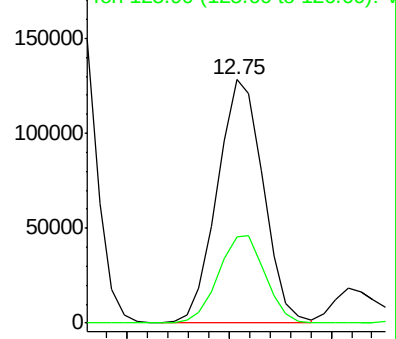
126 36.4 18.4 55.4

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Abundance Ion 91.00 (90.70 to 91.70): VY002918.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.484 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002918.D

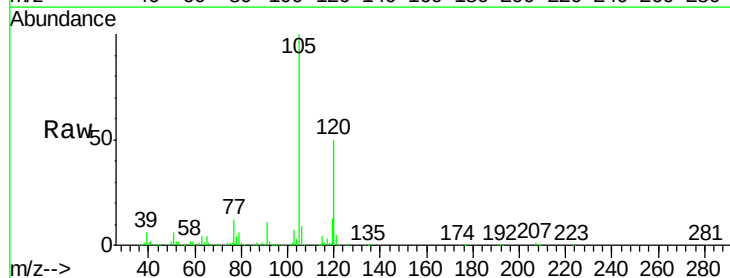
Acq: 18 Jun 2020 14:36

Tgt Ion: 105 Resp: 260247

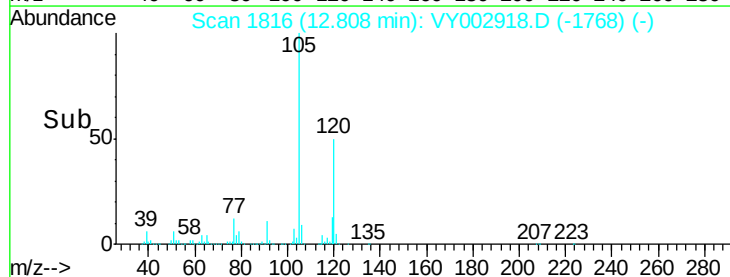
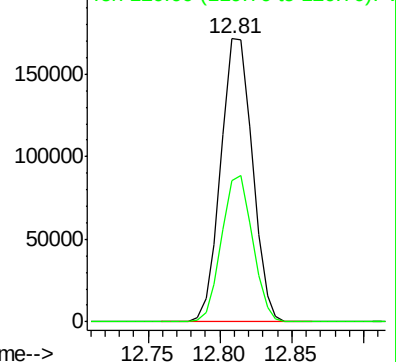
Ion Ratio Lower Upper

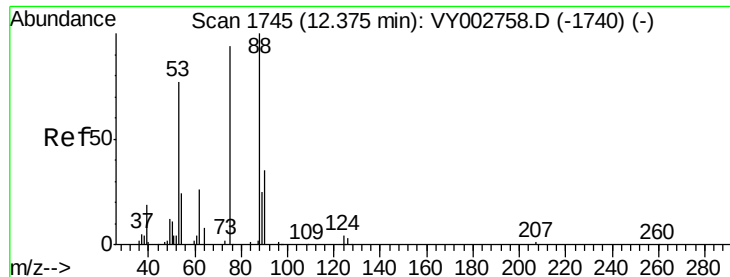
105 100

120 50.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002918.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.114 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

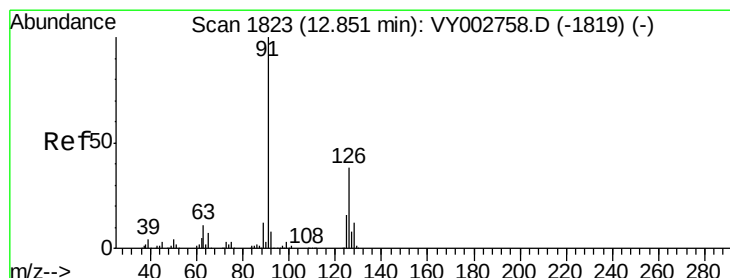
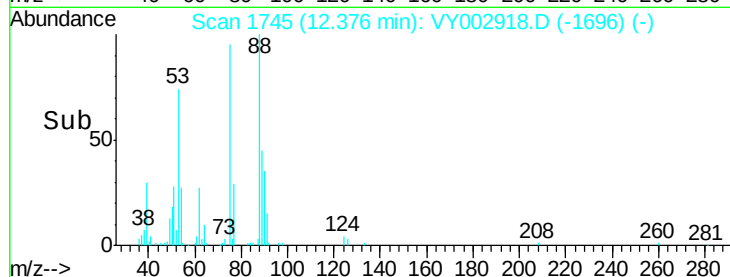
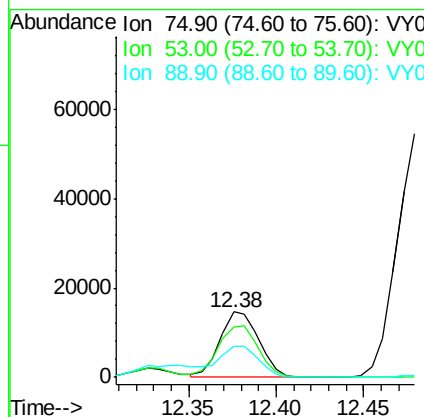
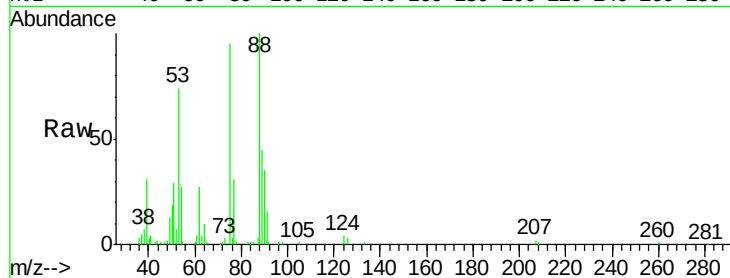
ClientSampleId :

VY0618SBS01

Tot Ion:	75	Resp:	22861
Ion Ratio	Lower	Upper	
75	100		
53	81.1	64.0	96.0
89	47.7	37.4	56.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.573 ug/l

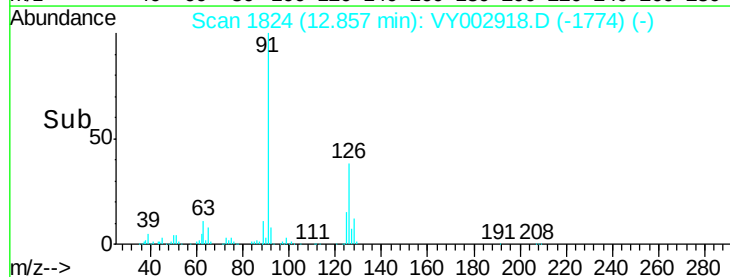
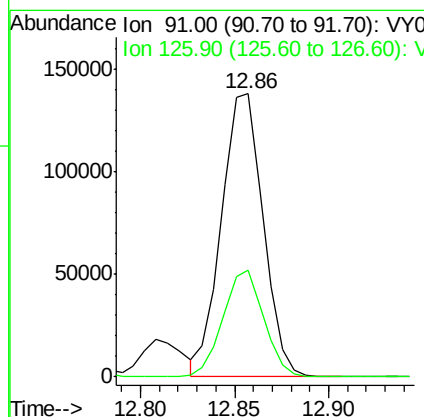
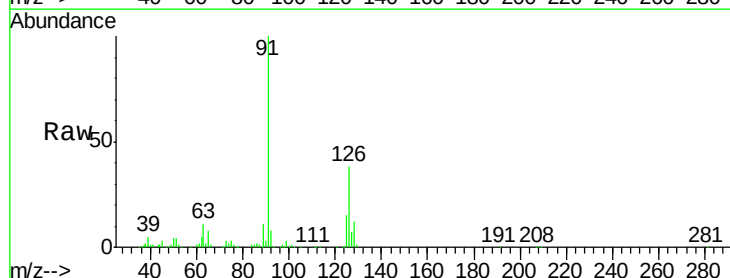
RT: 12.86 min Scan# 1824

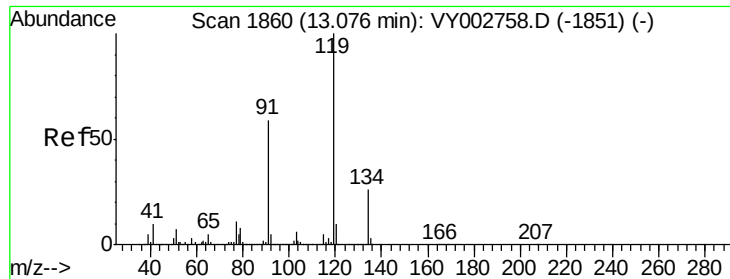
Delta R.T. 0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Tgt Ion:	91	Resp:	212480
Ion Ratio	Lower	Upper	
91	100		
126	37.0	18.5	55.5





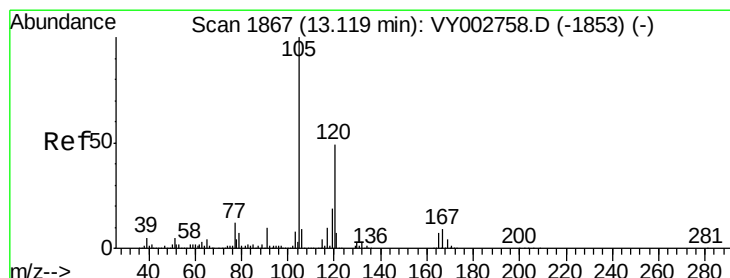
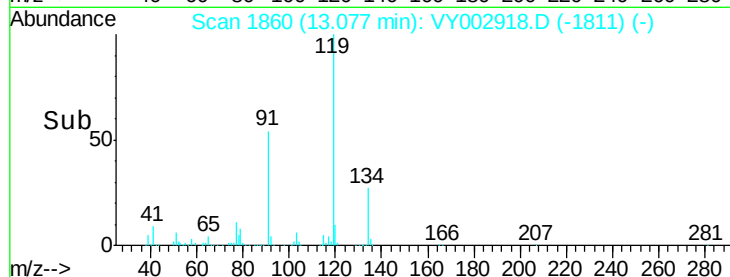
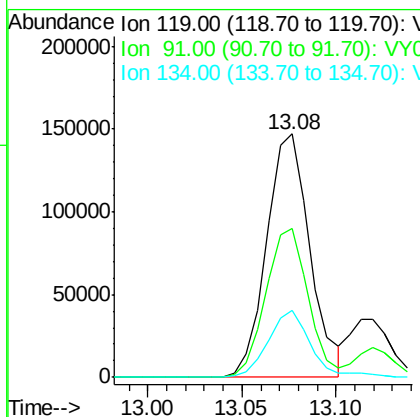
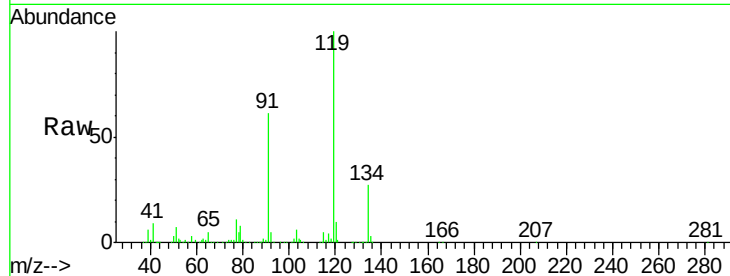
#83
 tert-Butylbenzene
 Concen: 21.780 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.8	89.4
134	27.2	13.3	39.8

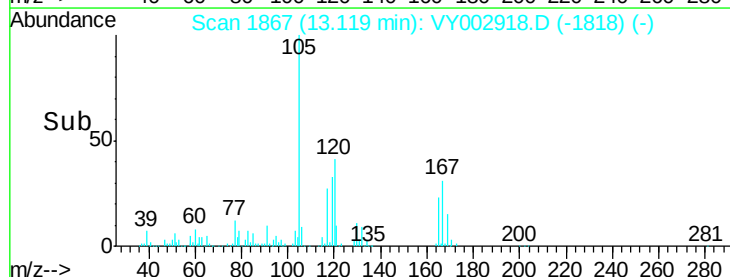
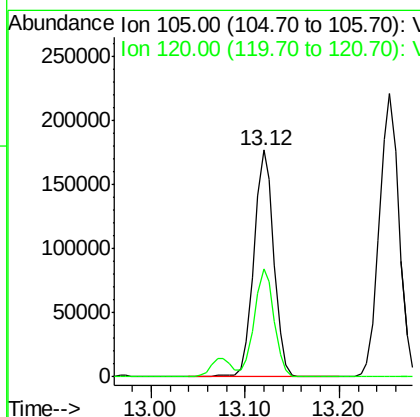
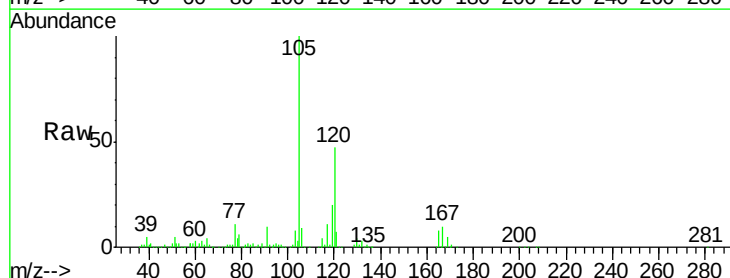
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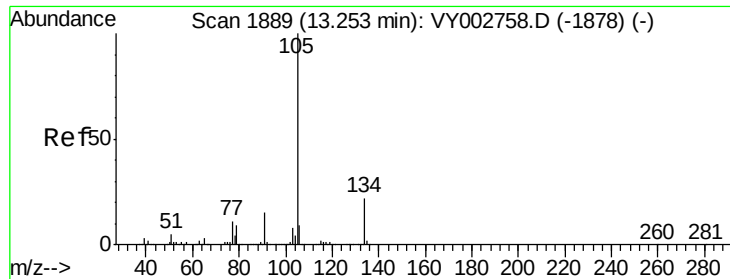
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.656 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.6	70.8





#85

sec-Butylbenzene

Concen: 21.606 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:105 Resp: 319218

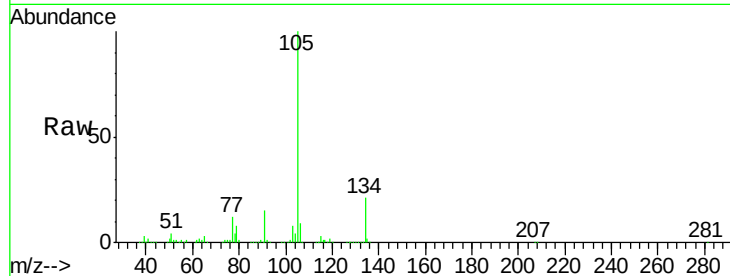
Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4

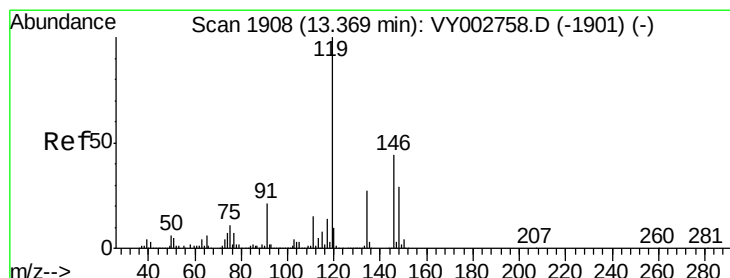
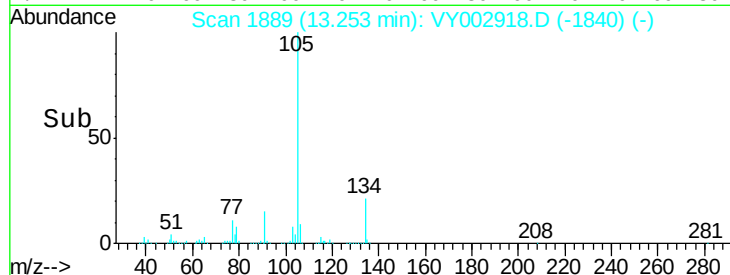
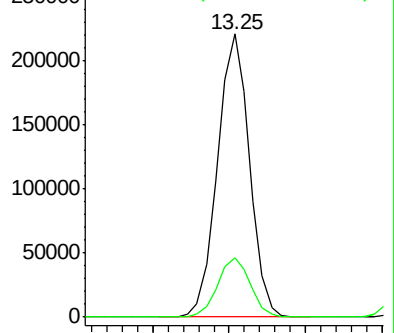
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.739 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

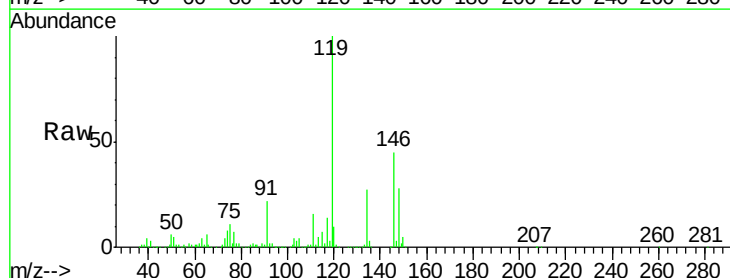
Tgt Ion:119 Resp: 298857

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.0

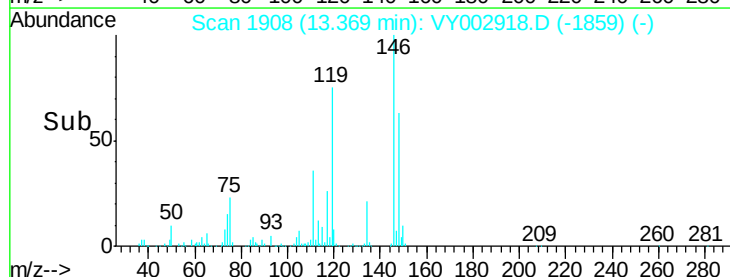
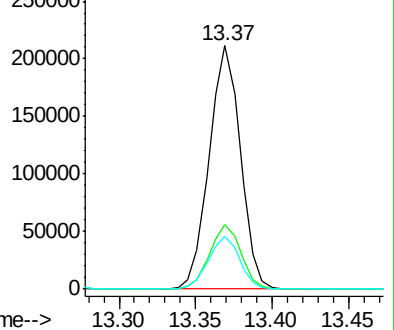
91 21.5 10.8 32.4

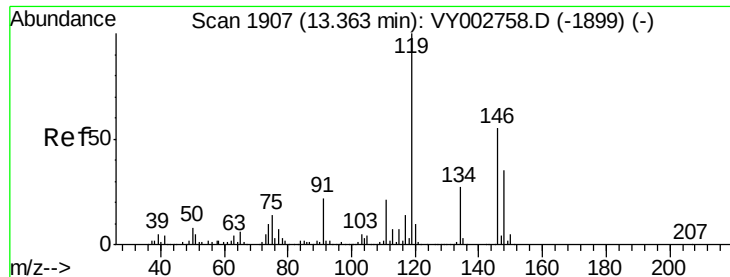


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





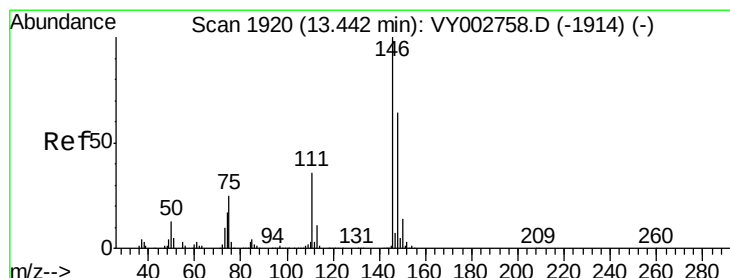
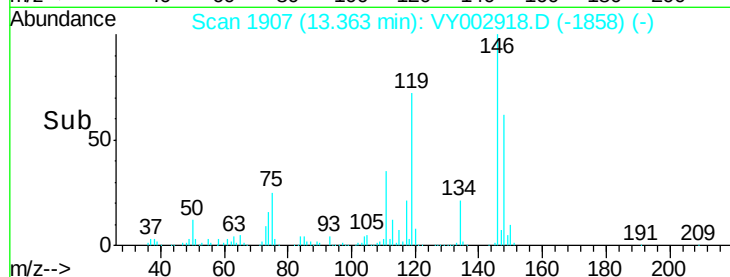
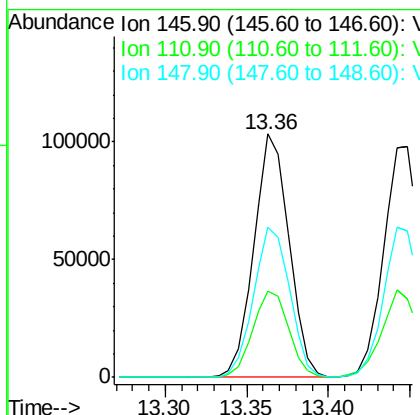
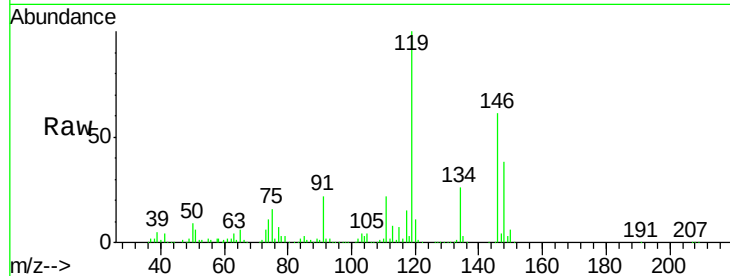
#87
 1,3-Dichlorobenzene
 Concen: 21.670 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	155067		
111	36.4	18.4	55.0	
148	63.5	31.9	95.7	

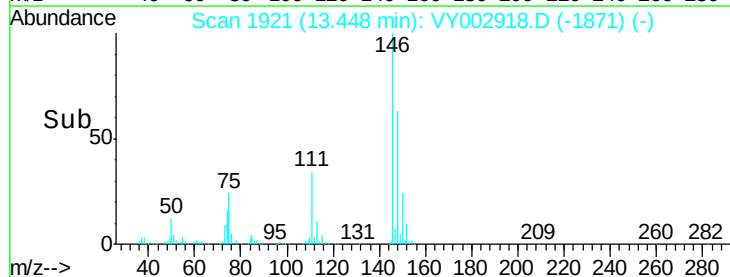
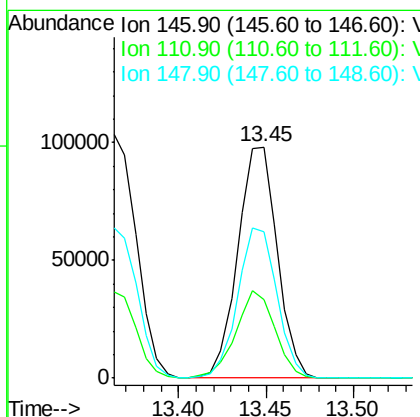
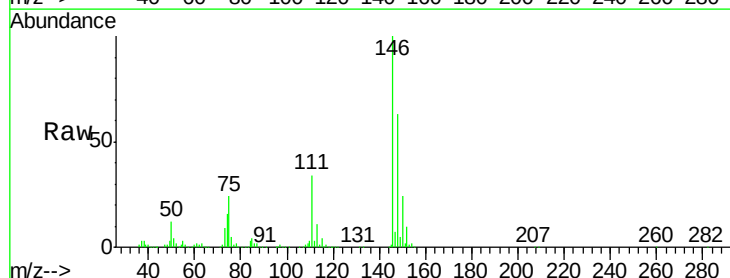
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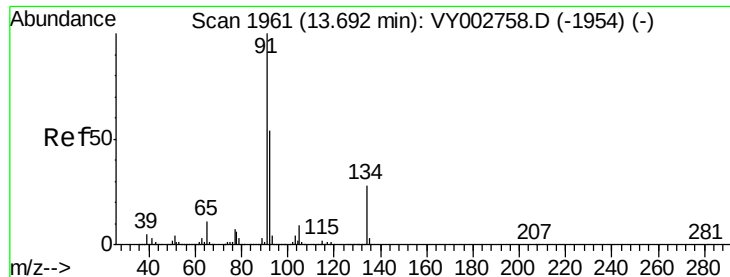
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#88
 1,4-Dichlorobenzene
 Concen: 21.500 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	153900		
111	37.4	18.1	54.3	
148	64.7	32.1	96.3	





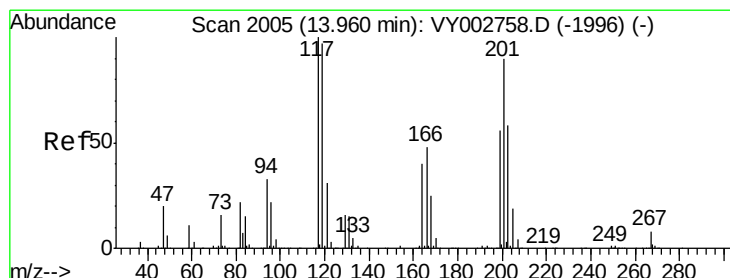
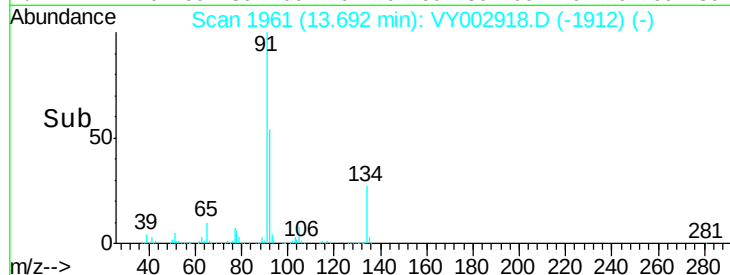
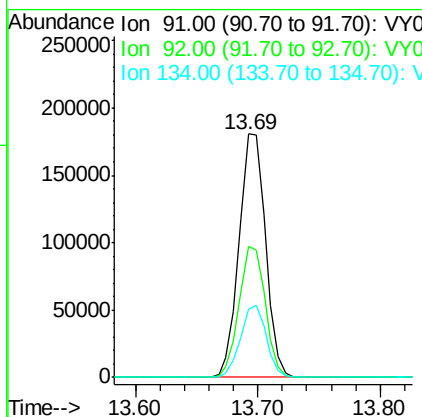
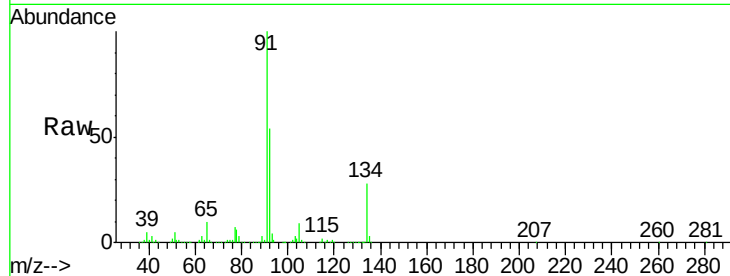
#89
n-Butylbenzene
Concen: 21.696 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.1	81.2
134	28.9	14.3	42.9

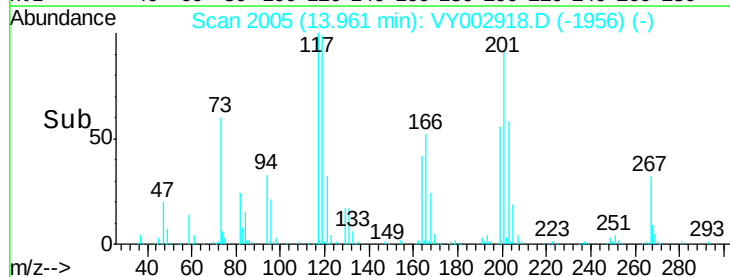
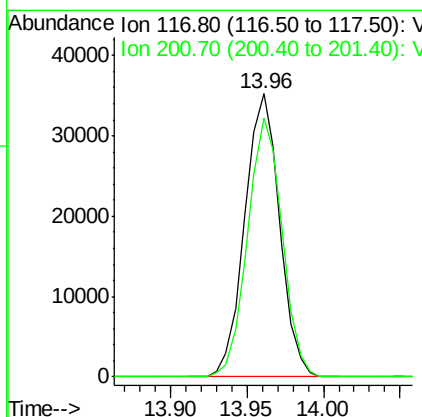
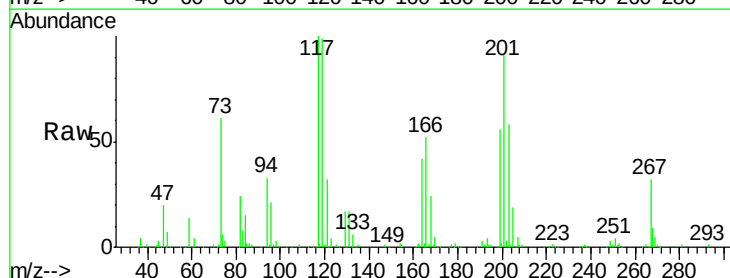
Manual Integrations
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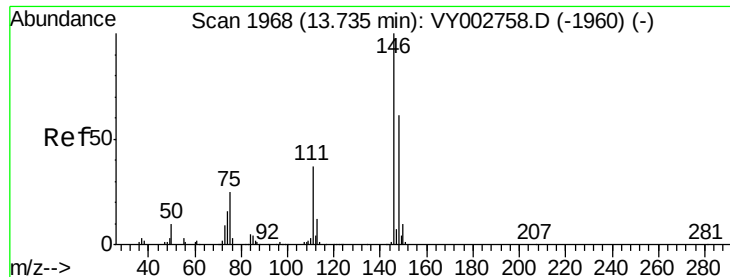
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#90
Hexachloroethane
Concen: 21.651 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	43.9	131.6





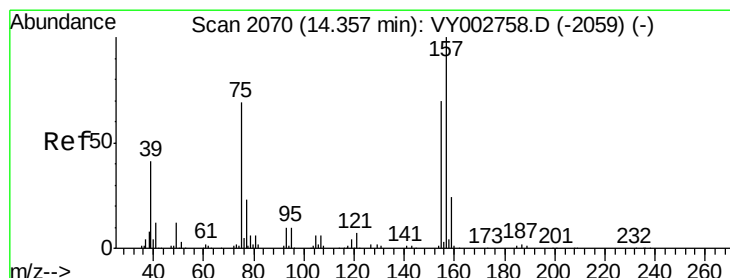
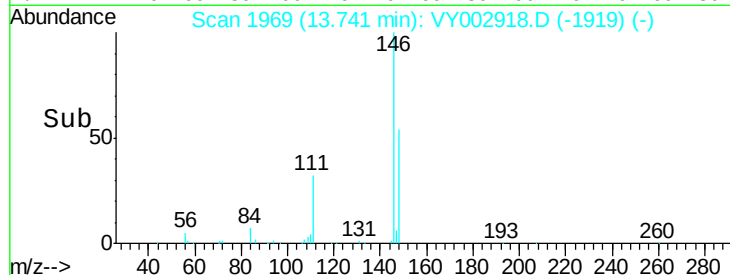
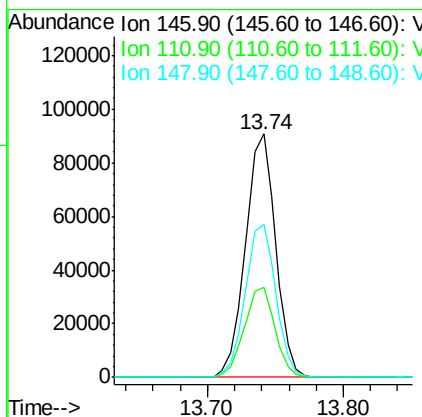
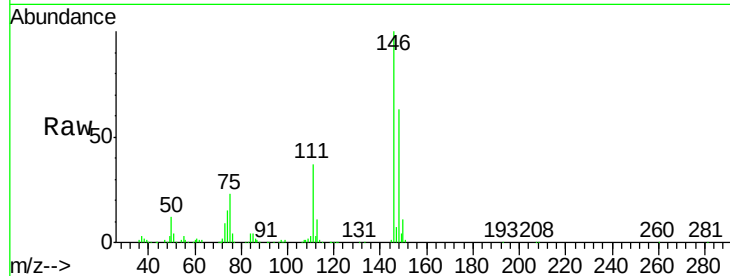
#91
 1,2-Dichlorobenzene
 Concen: 21.787 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	63.7	31.9	95.5

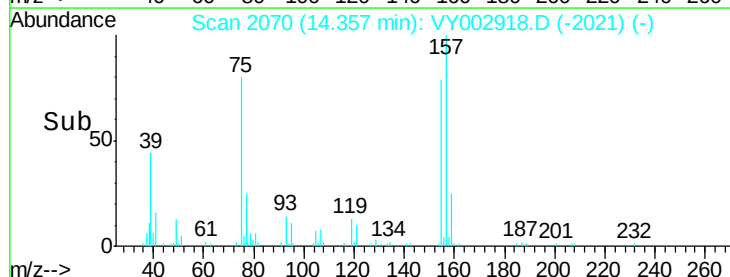
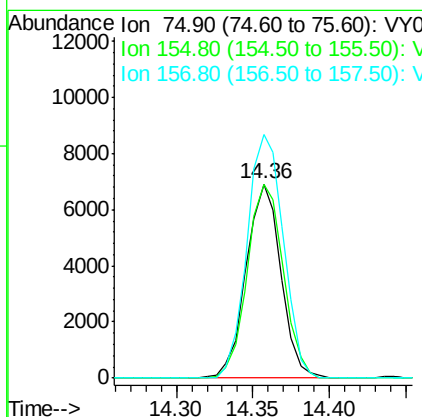
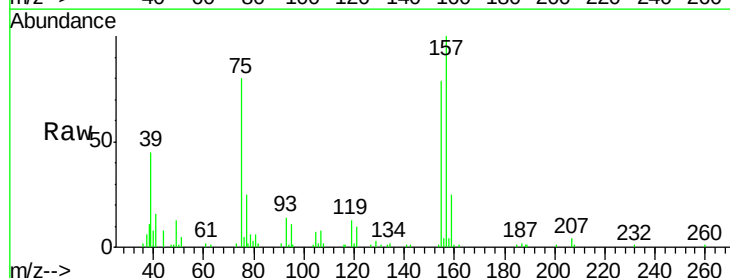
Manual Integrations
 APPROVED

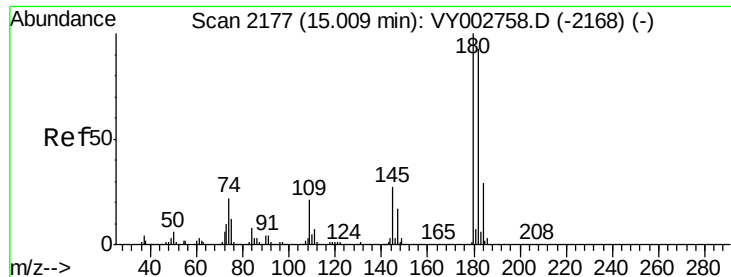
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.324 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.3	53.5	160.5
157	130.9	69.9	209.7





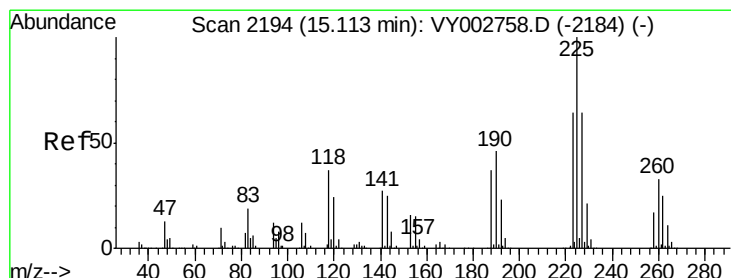
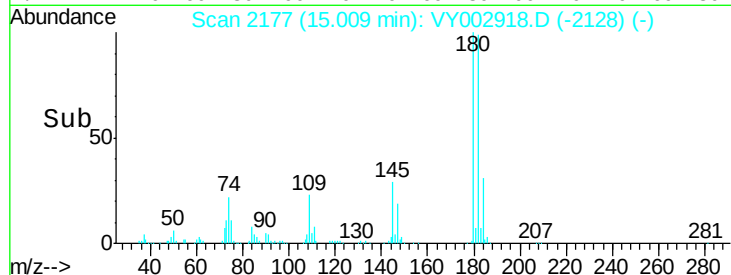
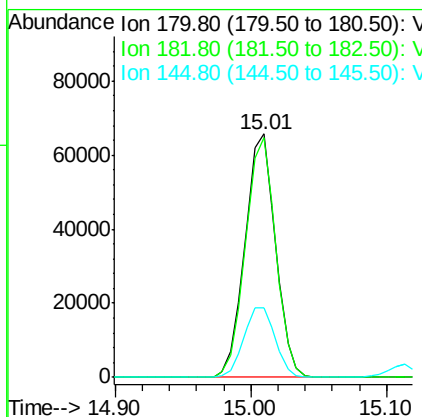
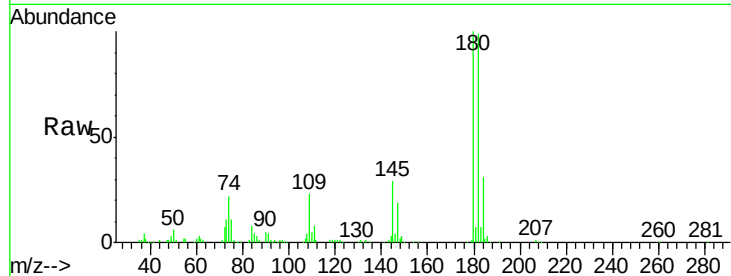
#93
 1,2,4-Trichlorobenzene
 Concen: 21.179 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	103596		
182	97.3	47.3	141.9	
145	29.4	14.1	42.3	

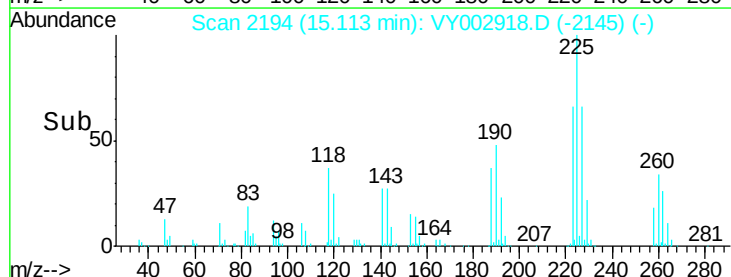
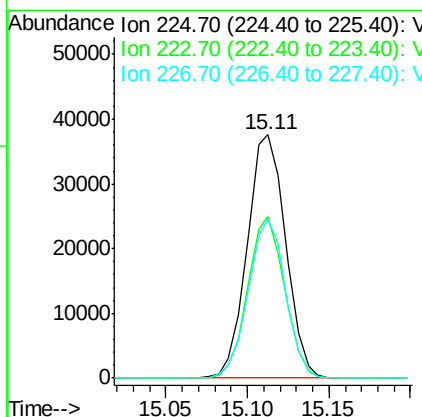
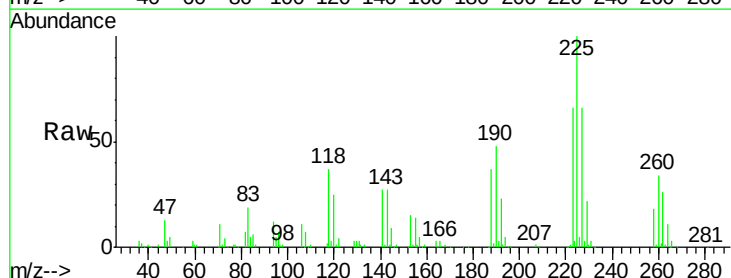
Manual Integrations
 APPROVED

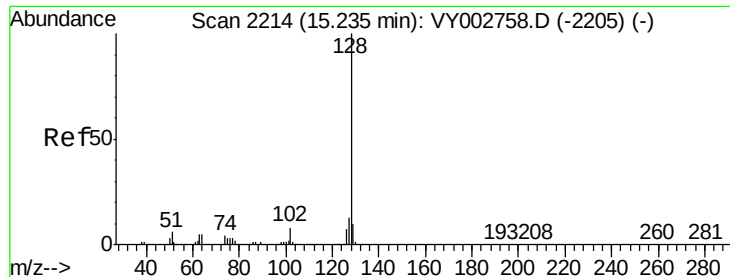
MMDadoda
 6/19/2020 1:12:14 PM



#94
 Hexachlorobutadiene
 Concen: 22.131 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61400		
223	64.1	31.6	95.0	
227	63.3	32.3	96.9	





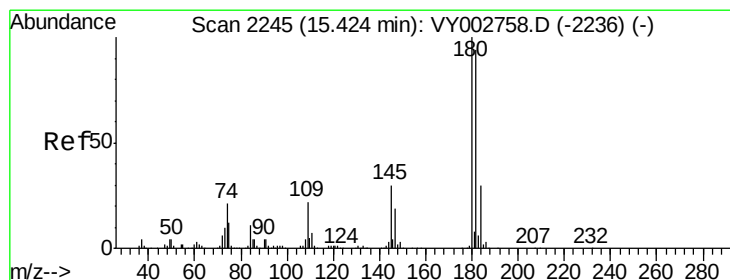
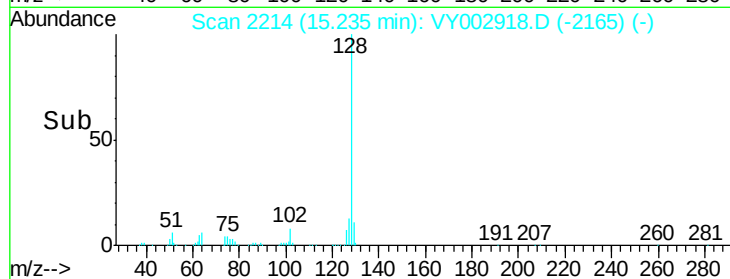
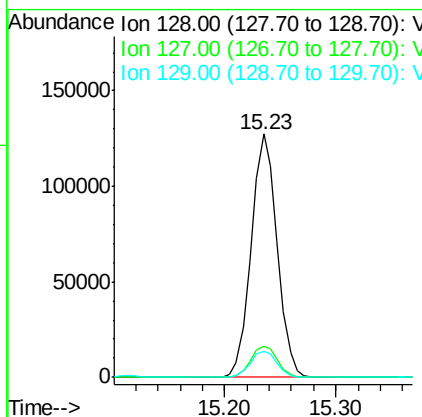
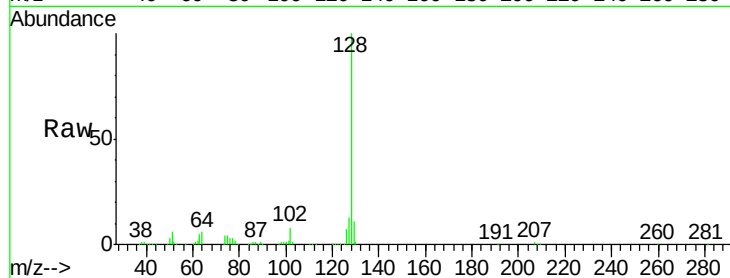
#95
Naphthalene
Concen: 20.988 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	205837		
127	13.2		10.3	15.5
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/19/2020 1:12:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.701 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94791		
182	93.2		48.1	144.4
145	29.6		15.1	45.3

