

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002894.D
 Acq On : 15 Jun 2020 11:13
 Operator : SY/MD
 Sample : VY0615SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:22:41 PM

Quant Time: Jun 16 02:13:02 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	268056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	394689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	365961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	204673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	113449	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.72	113	115897	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.18	98	445291	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.48	95	159428	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	40899	22.174	ug/l	96
3) Chloromethane	2.12	50	43782	21.460	ug/l	96
4) Vinyl Chloride	2.26	62	48426	22.457	ug/l	97
5) Bromomethane	2.65	94	34940	21.622	ug/l	98
6) Chloroethane	2.80	64	30285	21.665	ug/l	98
7) Trichlorofluoromethane	3.13	101	86169	22.563	ug/l	96
8) Diethyl Ether	3.54	74	30037	20.142	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51096	22.534	ug/l	97
10) Methyl Iodide	4.10	142	65502	20.644	ug/l	98
11) Tert butyl alcohol	4.97	59	27575	102.708	ug/l	98
12) 1,1-Dichloroethene	3.88	96	50787	22.271	ug/l	97
13) Acrolein	3.74	56	19515	71.548	ug/l	98
14) Allyl chloride	4.49	41	71330	21.809	ug/l	98
15) Acrylonitrile	5.17	53	75705	112.530	ug/l	100
16) Acetone	3.96	43	62507	114.531	ug/l	100
17) Carbon Disulfide	4.20	76	139086	20.184	ug/l	100
18) Methyl Acetate	4.49	43	35836	25.698	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	141305	22.446	ug/l	99
20) Methylene Chloride	4.72	84	60691	22.755	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	55969	21.824	ug/l	98
22) Diisopropyl ether	6.13	45	150891	22.201	ug/l	98
23) Vinyl Acetate	6.07	43	489642	109.119	ug/l	99
24) 1,1-Dichloroethane	6.03	63	89202	22.436	ug/l	97
25) 2-Butanone	7.00	43	92221	108.457	ug/l	99
26) 2,2-Dichloropropane	6.99	77	83484	21.894	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	62925	21.918	ug/l	98
28) Bromochloromethane	7.34	49	36852	22.579	ug/l	95
29) Tetrahydrofuran	7.35	42	60332	109.082	ug/l	97
30) Chloroform	7.52	83	95295	22.588	ug/l	94
31) Cyclohexane	7.79	56	80779	20.464	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	89004	22.639	ug/l	100
36) 1,1-Dichloropropene	7.92	75	71178	21.409	ug/l	98
37) Ethyl Acetate	7.08	43	40908	22.615	ug/l	99
38) Carbon Tetrachloride	7.91	117	82470	22.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	91332	20.841	ug/l	98
40) Benzene	8.17	78	217466	22.136	ug/l	99
41) Methacrylonitrile	7.32	41	20208m	20.794	ug/l	
42) 1,2-Dichloroethane	8.24	62	61772	22.436	ug/l	99
43) Isopropyl Acetate	8.28	43	75812	22.116	ug/l	98
44) Trichloroethene	8.94	130	67543	21.766	ug/l	99
45) 1,2-Dichloropropane	9.22	63	52664	22.354	ug/l	99
46) Dibromomethane	9.31	93	31737	22.683	ug/l	98
47) Bromodichloromethane	9.50	83	75522	22.896	ug/l	98
48) Methyl methacrylate	9.30	41	33929	21.926	ug/l	99
49) 1,4-Dioxane	9.31	88	9006	419.209	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	205403	113.159	ug/l	100
52) Toluene	10.25	92	141413	22.004	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	80258	22.277	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	91623	22.444	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	48598	22.688	ug/l	95
56) Ethyl methacrylate	10.51	69	64550	22.499	ug/l	98
57) 1,3-Dichloropropane	10.79	76	78593	22.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	152311	108.646	ug/l	99
59) 2-Hexanone	10.83	43	145252	112.781	ug/l	99
60) Dibromochloromethane	10.99	129	61480	22.639	ug/l	99
61) 1,2-Dibromoethane	11.09	107	47145	22.312	ug/l	100
64) Tetrachloroethene	10.72	164	72489	21.794	ug/l	100
65) Chlorobenzene	11.52	112	160905	22.245	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	62050	22.777	ug/l	99
67) Ethyl Benzene	11.60	91	278929	22.244	ug/l	99
68) m/p-Xylenes	11.70	106	219030	45.051	ug/l	100
69) o-Xylene	12.03	106	103718	22.598	ug/l	99
70) Styrene	12.05	104	180404	22.674	ug/l	100
71) Bromoform	12.21	173	42391	23.256	ug/l #	98
73) Isopropylbenzene	12.33	105	286870	21.871	ug/l	100
74) N-amyl acetate	12.14	43	72331	21.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	52243	22.701	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	42250m	22.909	ug/l	
77) Bromobenzene	12.61	156	73712	21.583	ug/l	99
78) n-propylbenzene	12.67	91	329442	21.744	ug/l	100
79) 2-Chlorotoluene	12.76	91	184138	21.666	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	242191	22.115	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	21906	22.378	ug/l	98
82) 4-Chlorotoluene	12.86	91	195528	21.959	ug/l	100
83) tert-Butylbenzene	13.08	119	213317	21.836	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	243516	22.114	ug/l	99
85) sec-Butylbenzene	13.25	105	294040	22.014	ug/l	99
86) p-Isopropyltoluene	13.37	119	274308	22.071	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	142880	22.086	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	143683	22.203	ug/l	99
89) n-Butylbenzene	13.70	91	248476	22.020	ug/l	99
90) Hexachloroethane	13.96	117	51840	22.280	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	130469	22.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10072	22.748	ug/l	97

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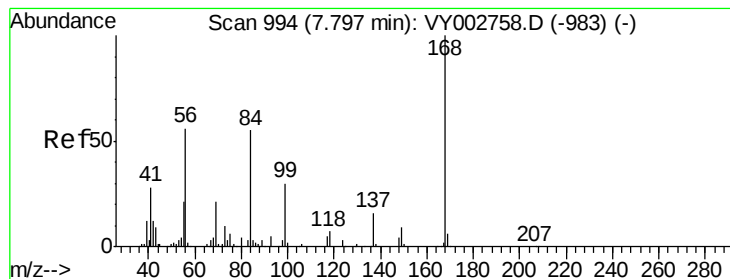
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	98657	22.309	ug/l	100
94) Hexachlorobutadiene	15.11	225	56840	22.662	ug/l	100
95) Naphthalene	15.23	128	193416	21.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	88015	22.288	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion:168 Resp: 268056

Ion Ratio Lower Upper

168 100

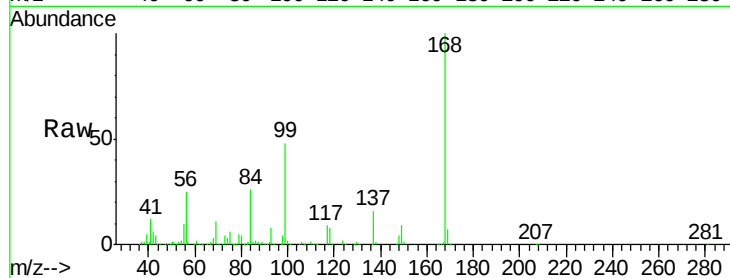
99 48.2 39.0 58.4

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

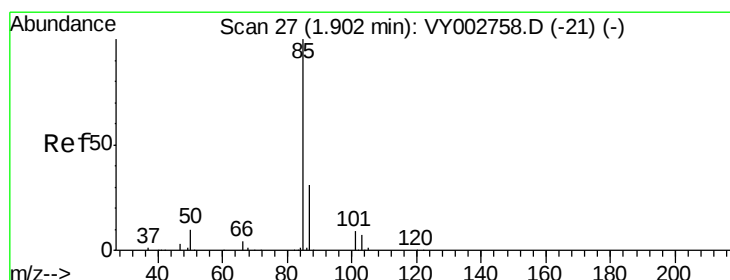
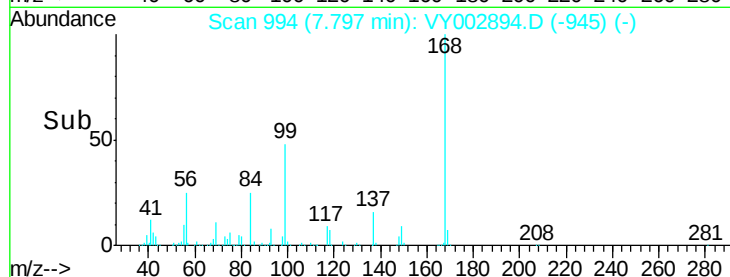
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.174 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002894.D

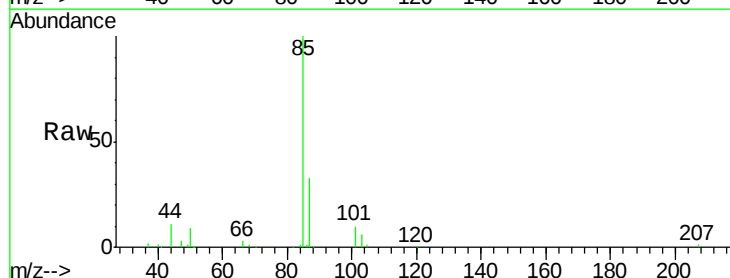
Acq: 15 Jun 2020 11:13

Tgt Ion: 85 Resp: 40899

Ion Ratio Lower Upper

85 100

87 33.2 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

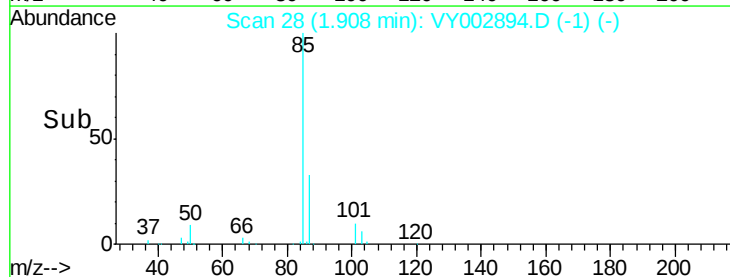
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.460 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 50 Resp: 43782

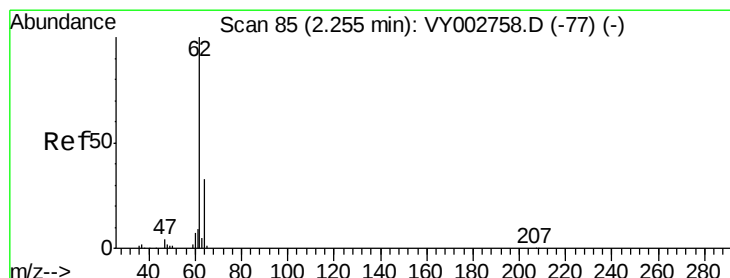
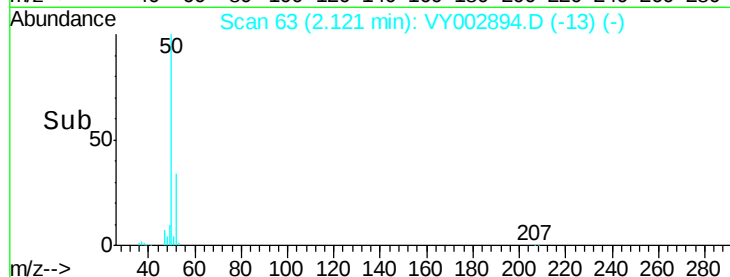
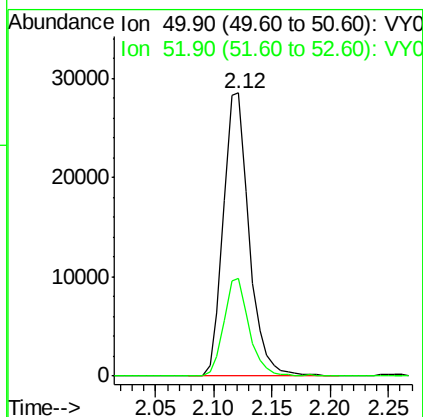
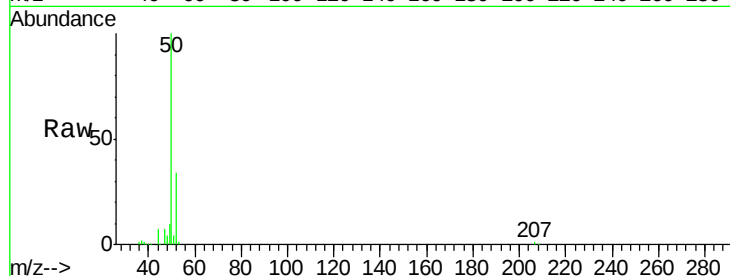
Ion Ratio Lower Upper

50 100

52 34.4 25.8 38.6

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#4

Vinyl Chloride

Concen: 22.457 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002894.D

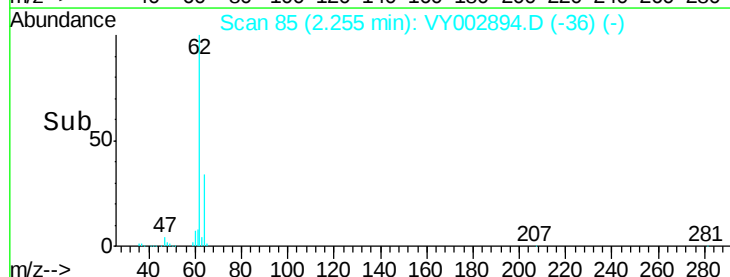
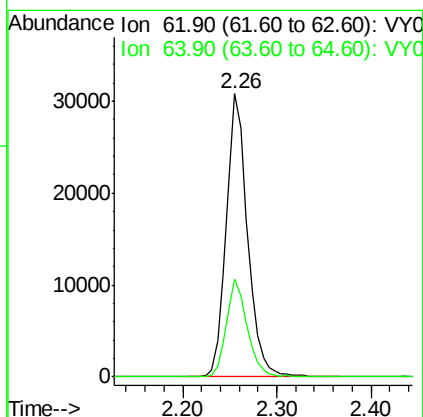
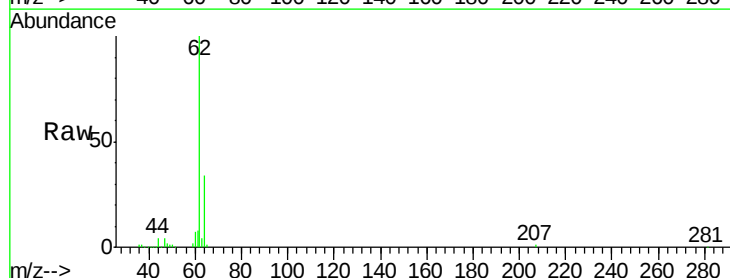
Acq: 15 Jun 2020 11:13

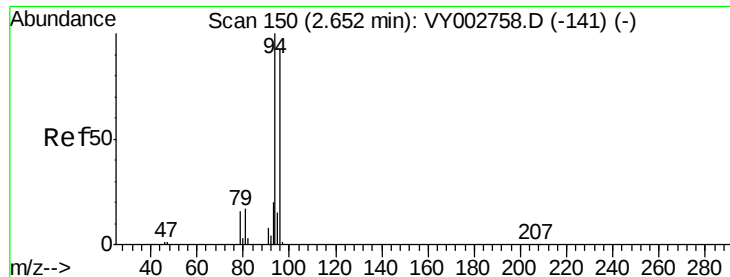
Tgt Ion: 62 Resp: 48426

Ion Ratio Lower Upper

62 100

64 34.4 26.1 39.1





#5

Bromomethane

Concen: 21.622 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 94 Resp: 34940

Ion Ratio Lower Upper

94 100

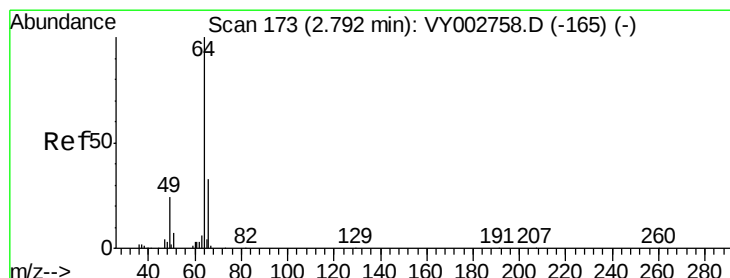
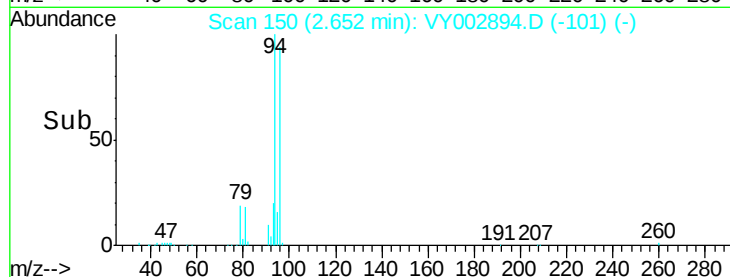
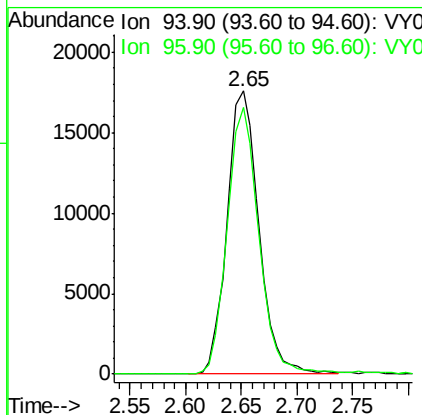
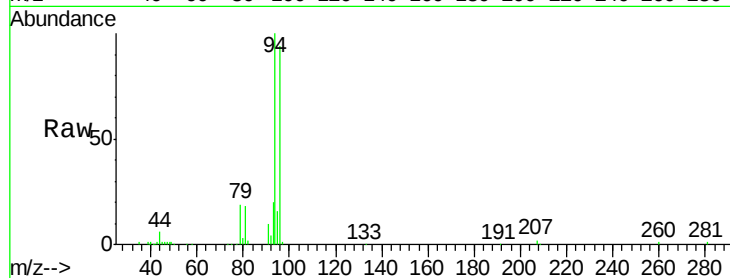
96 94.4 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 21.665 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002894.D

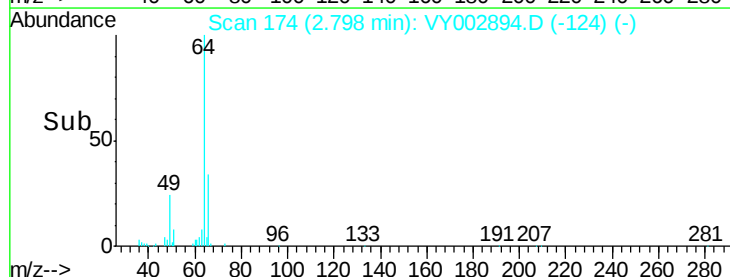
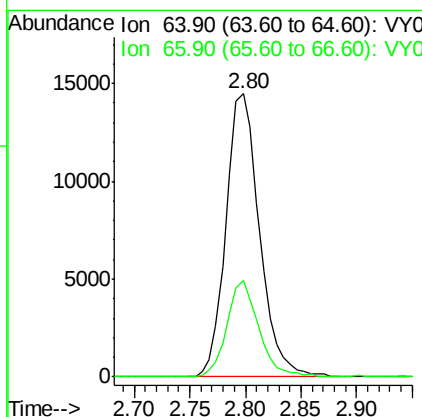
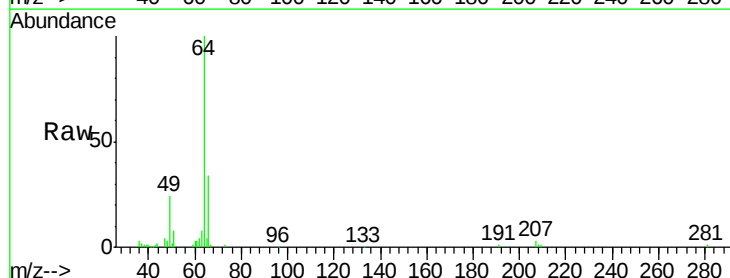
Acq: 15 Jun 2020 11:13

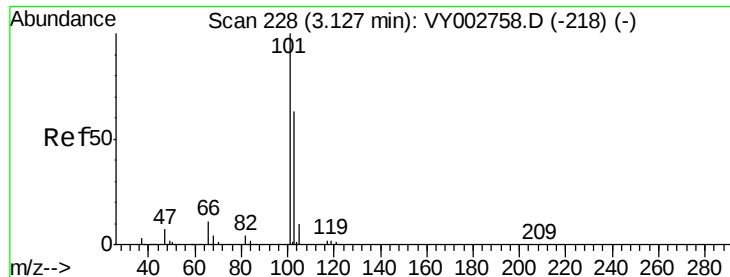
Tgt Ion: 64 Resp: 30285

Ion Ratio Lower Upper

64 100

66 33.9 26.4 39.6





#7

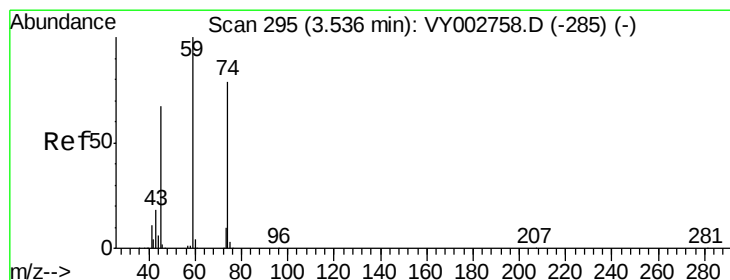
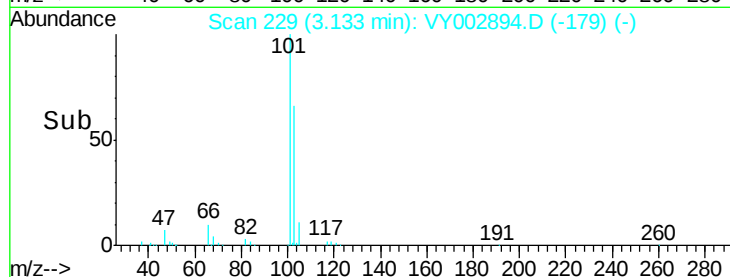
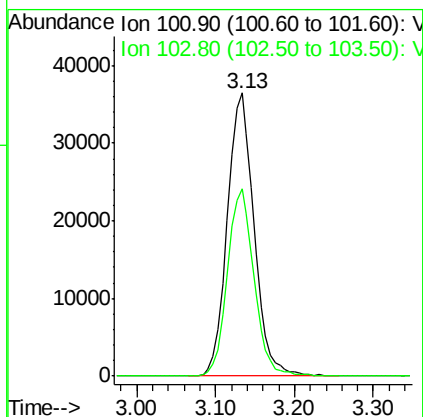
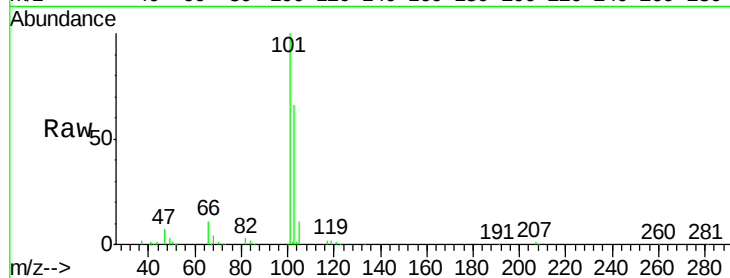
Trichlorofluoromethane
Concen: 22.563 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.6	76.0

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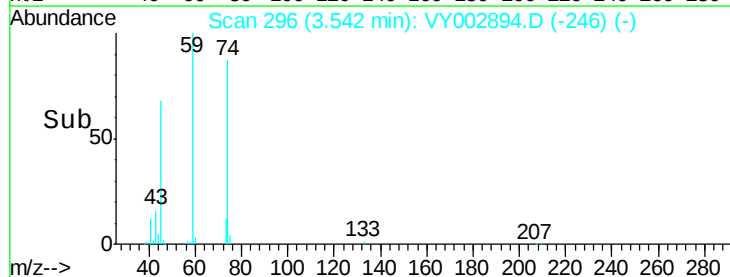
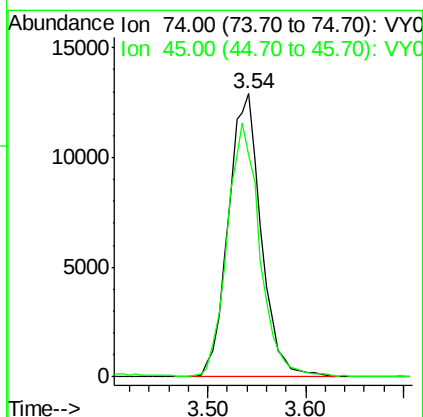
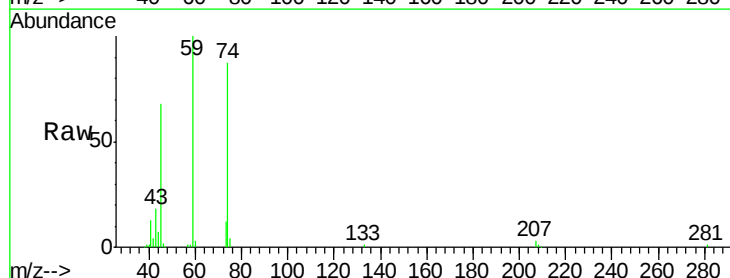
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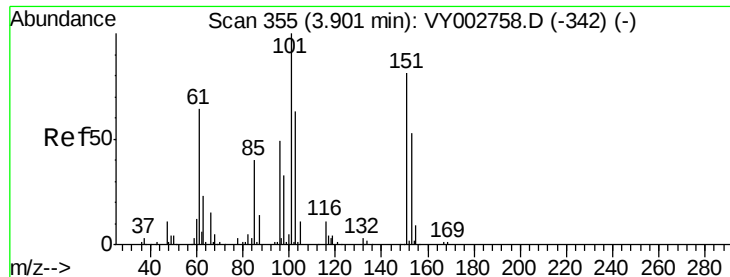


#8

Diethyl Ether
Concen: 20.142 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.4	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.534 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

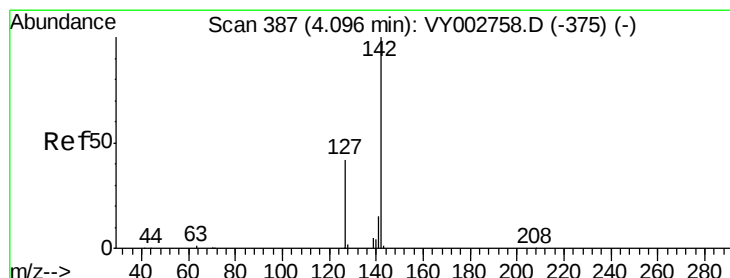
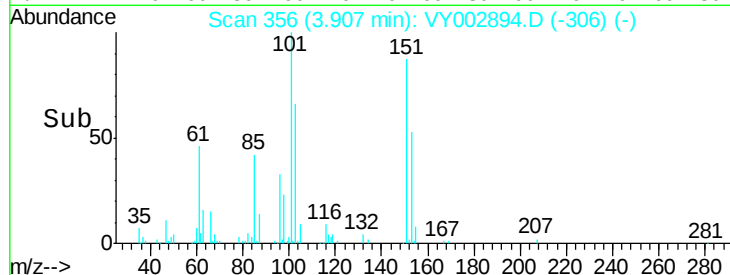
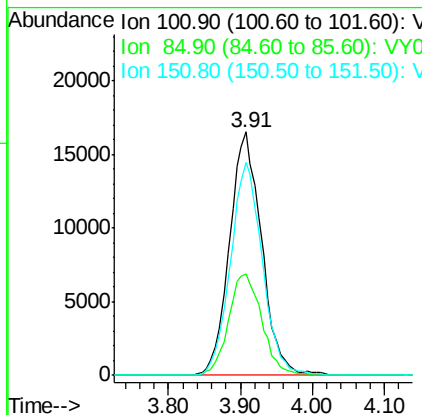
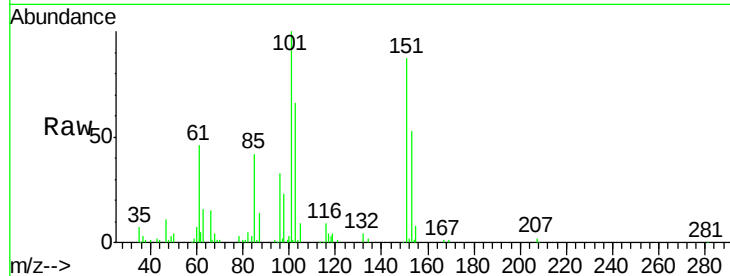
ClientSampleId :

VY0615SBS01

Tot Ion:	101	Resp:	51096
Ion Ratio	Lower	Upper	
101	100		
85	43.1	32.7	49.1
151	87.0	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 20.644 ug/l

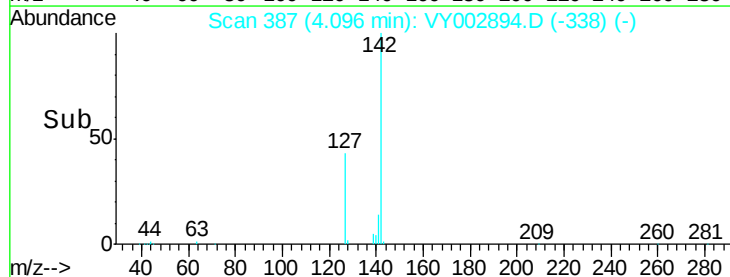
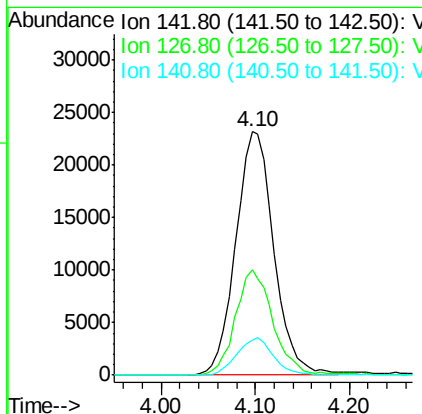
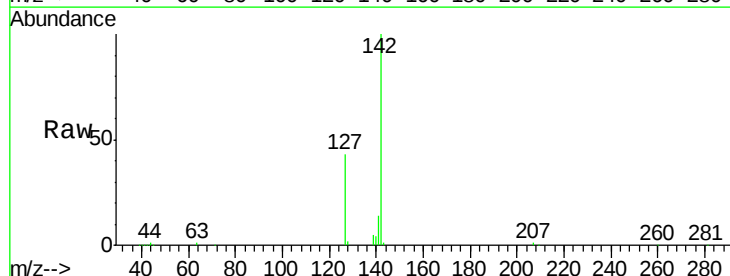
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion:	142	Resp:	65502
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.3	49.9
141	14.6	11.5	17.3





#11

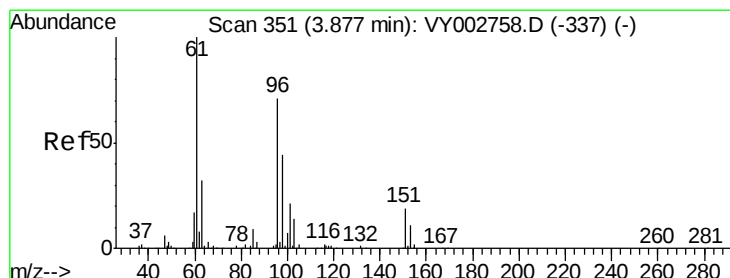
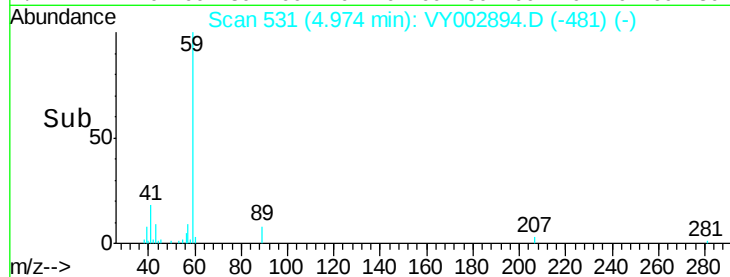
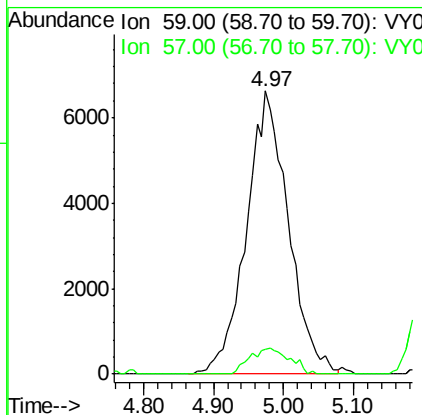
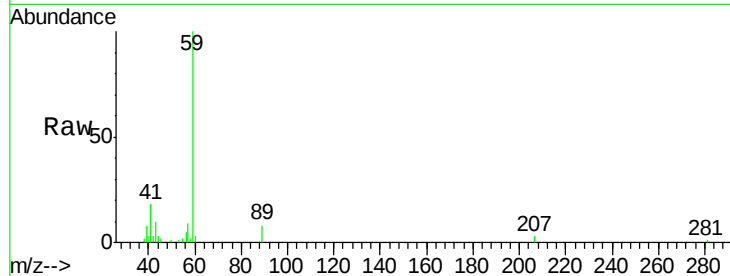
Tert butyl alcohol
Concen: 102.708 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.7	7.7	11.5

Manual Integrations
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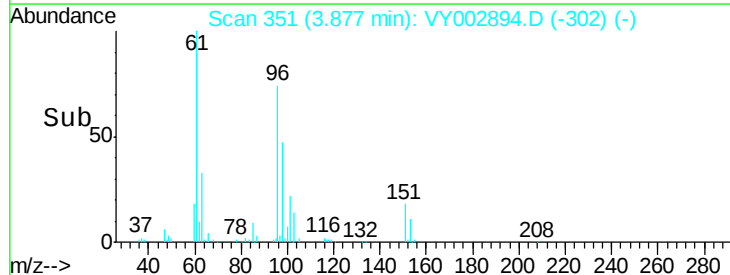
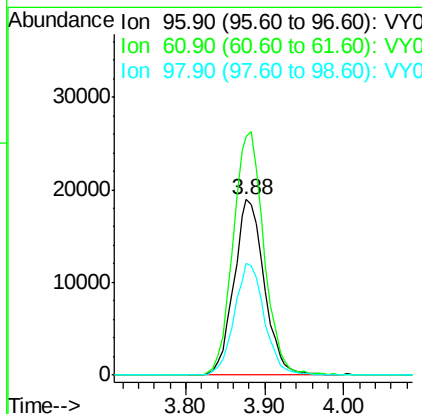
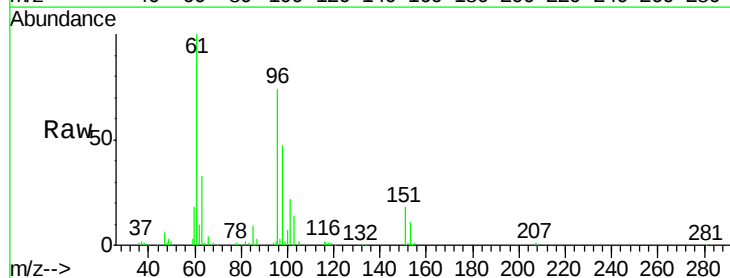
MMDadoda
6/16/2020 3:22:41 PM

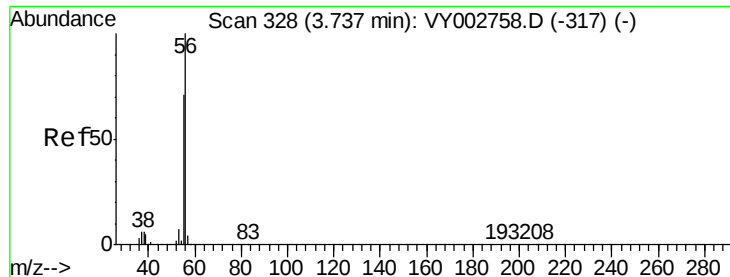


#12

1,1-Dichloroethene
Concen: 22.271 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.8	112.6	168.8
98	63.8	50.0	75.0





#13

Acrolein

Concen: 71.548 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 56 Resp: 19515

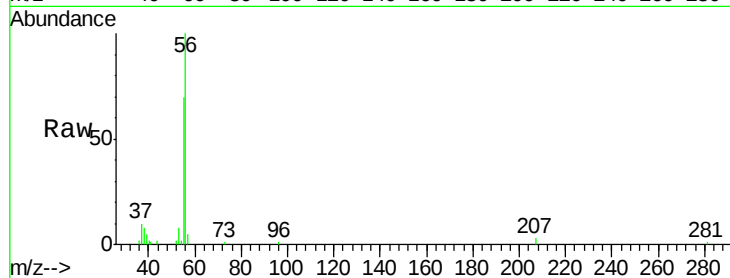
Ion Ratio Lower Upper

56 100

55 72.0 56.0 84.0

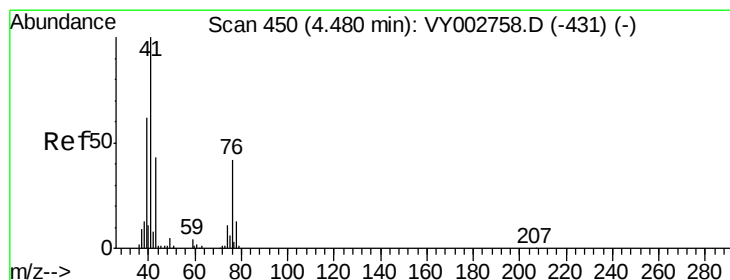
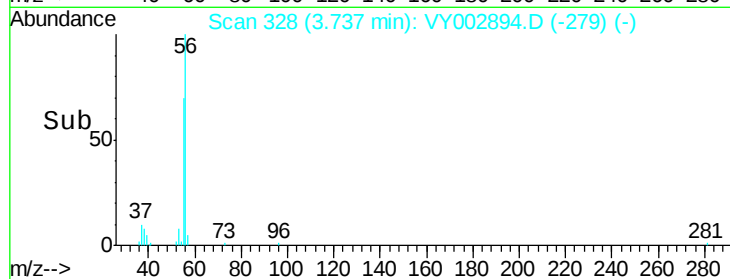
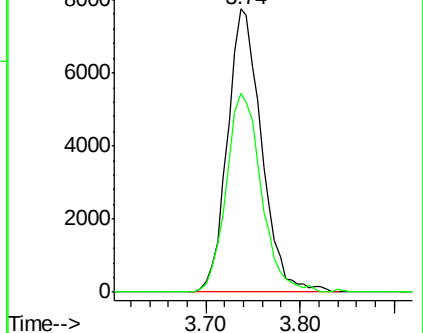
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.809 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

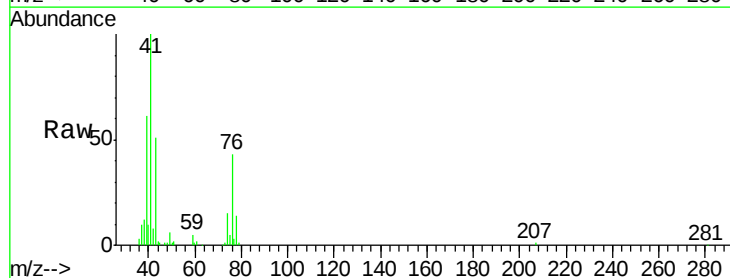
Tgt Ion: 41 Resp: 71330

Ion Ratio Lower Upper

41 100

39 65.1 49.9 74.9

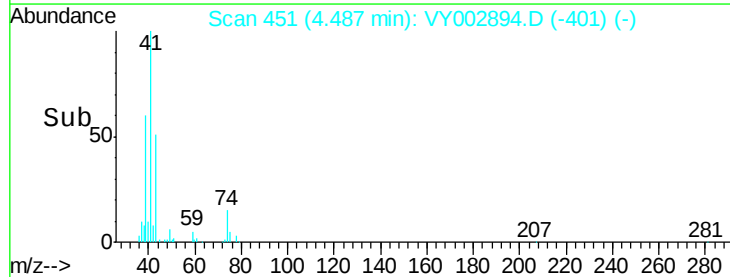
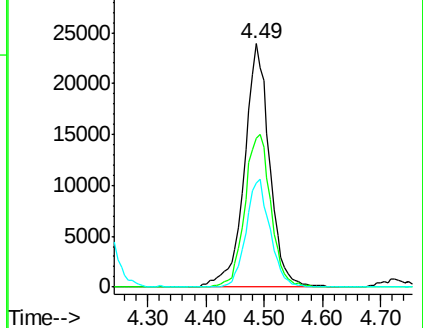
76 42.1 33.2 49.8

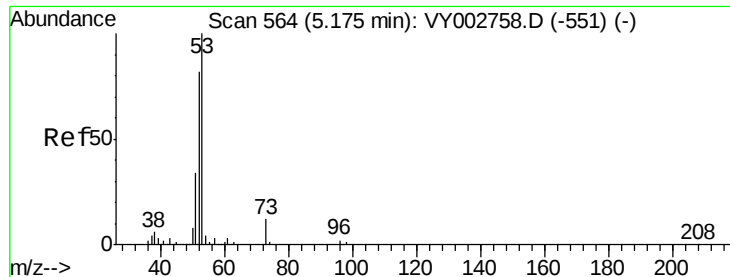


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 112.530 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

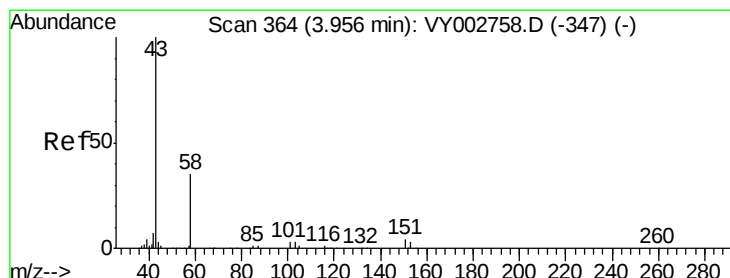
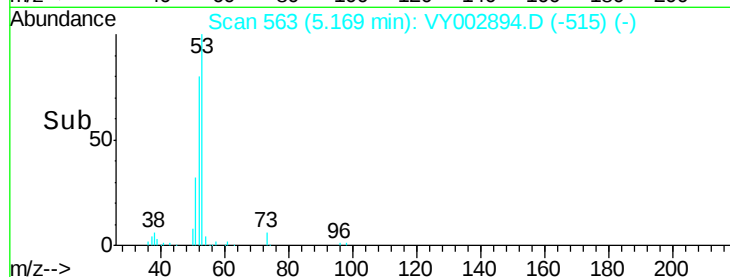
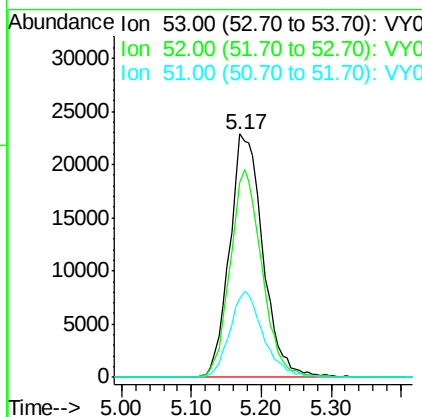
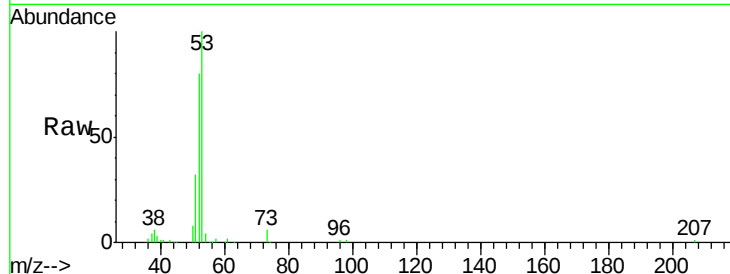
ClientSampleId :

VY0615SBS01

Tot Ion:	53	Resp:	75705
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.3	97.9
51	35.3	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 114.531 ug/l

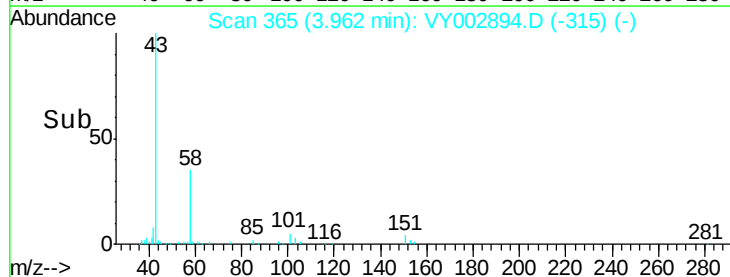
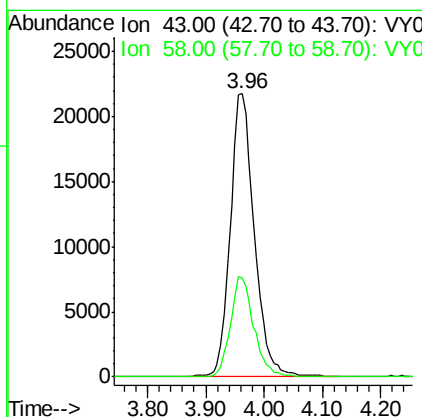
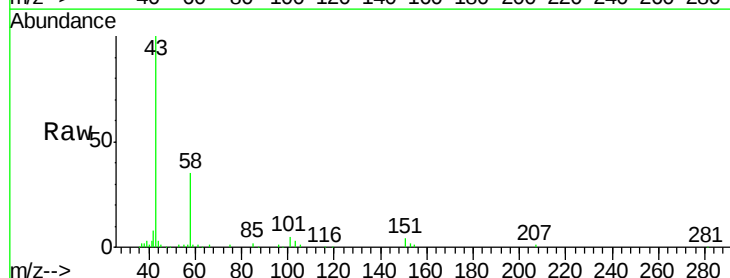
RT: 3.96 min Scan# 365

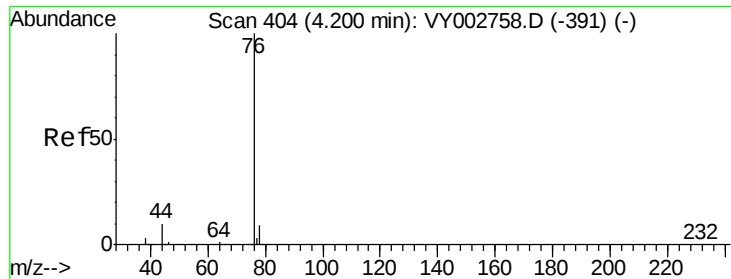
Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion:	43	Resp:	62507
Ion Ratio	Lower	Upper	
43	100		
58	34.8	27.7	41.5





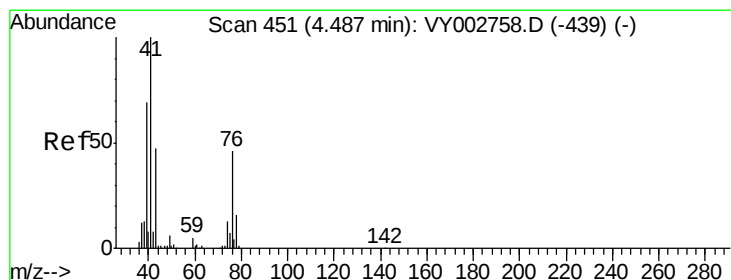
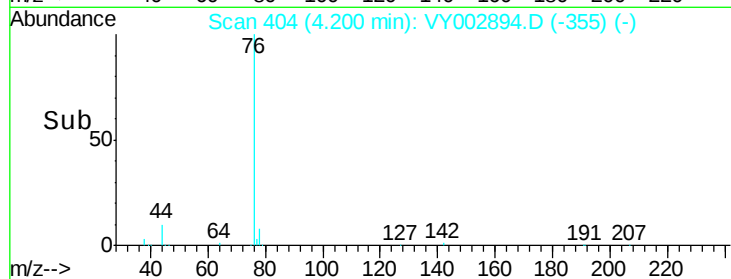
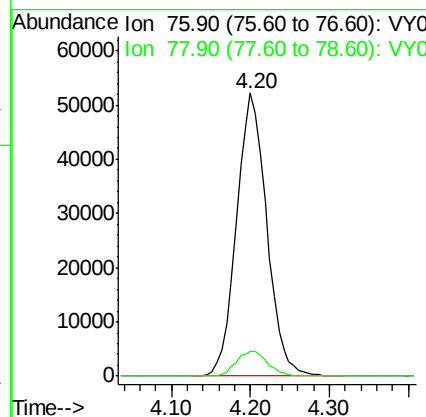
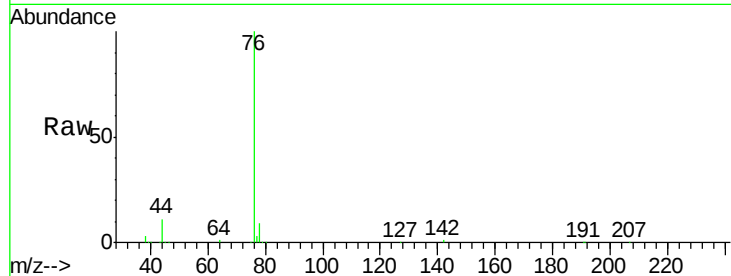
#17
Carbon Disulfide
Concen: 20.184 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.9	10.3

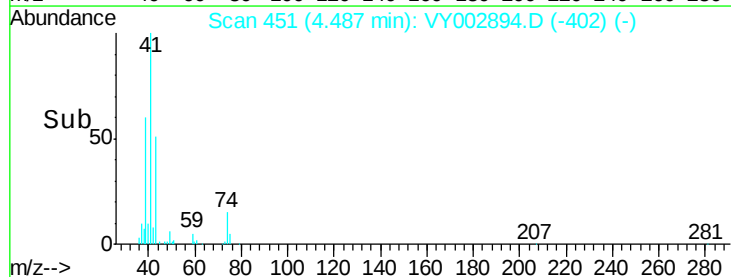
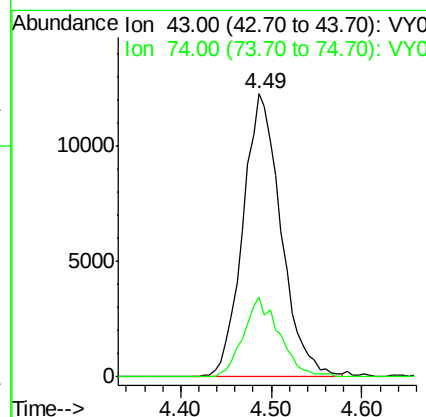
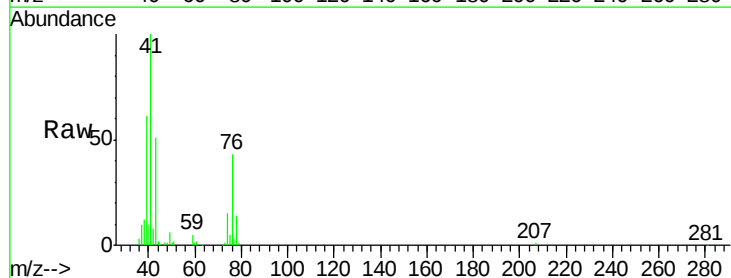
Manual Integrations
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#18
Methyl Acetate
Concen: 25.698 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.4	32.0





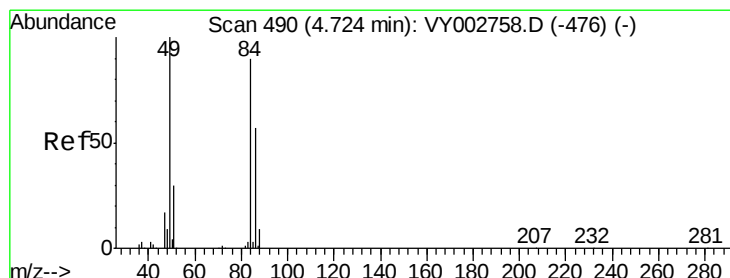
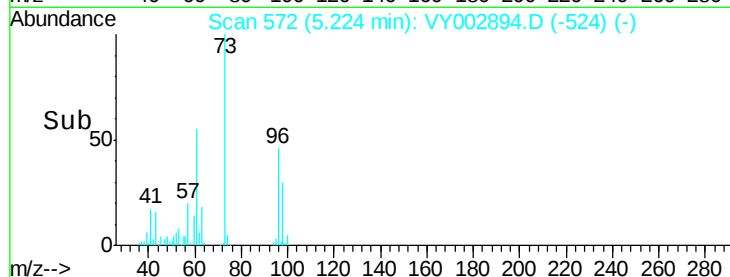
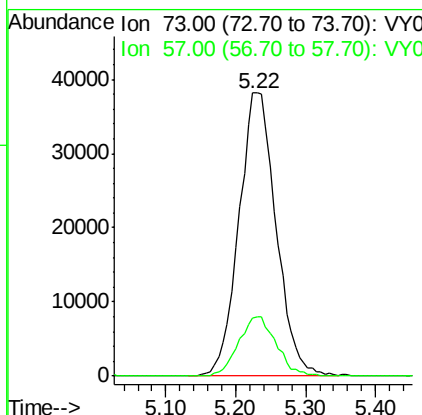
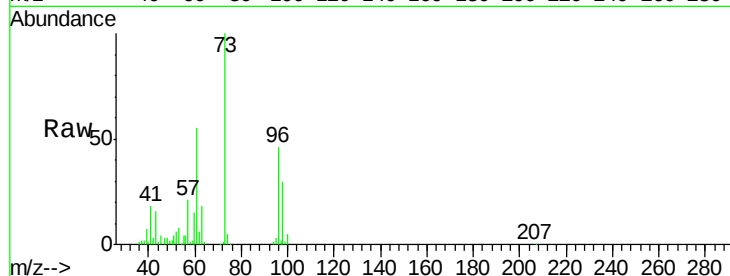
#19
Methvl tert-butvl Ether
Concen: 22.446 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.0	25.4

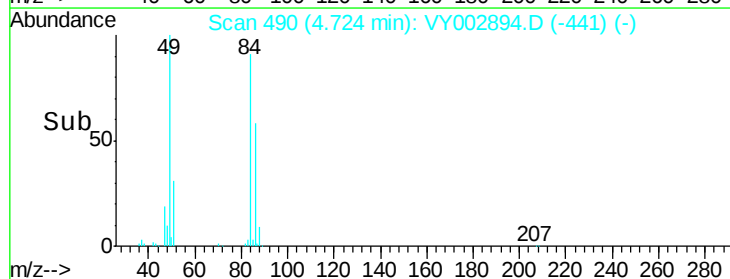
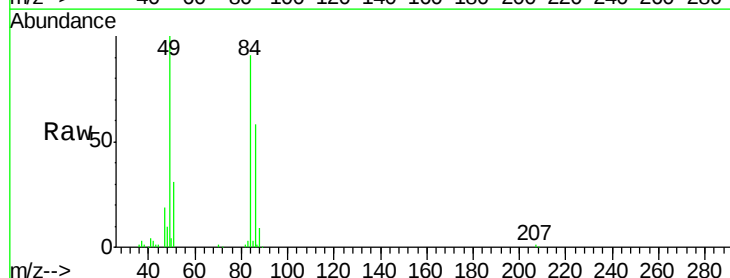
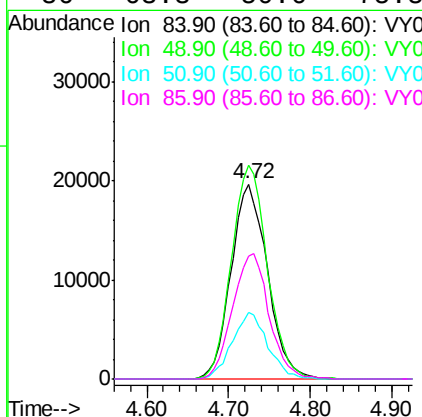
Manual Integrations
APPROVED

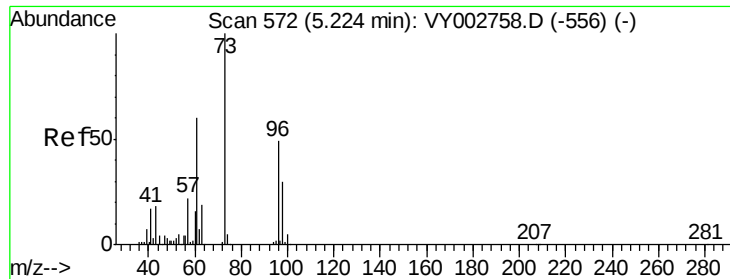
MMDadoda
6/16/2020 3:22:41 PM



#20
Methylene Chloride
Concen: 22.755 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.6	88.5	132.7
51	34.4	26.8	40.2
86	63.3	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 21.824 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

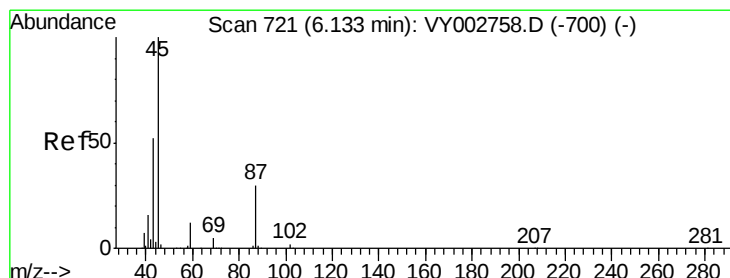
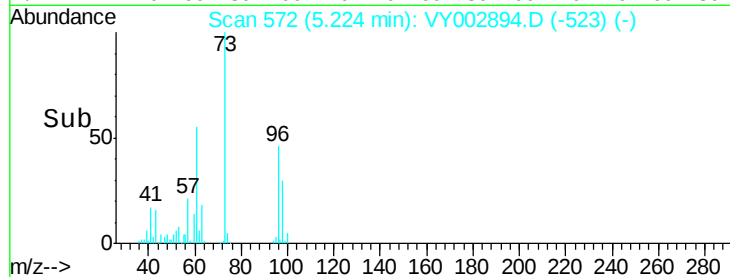
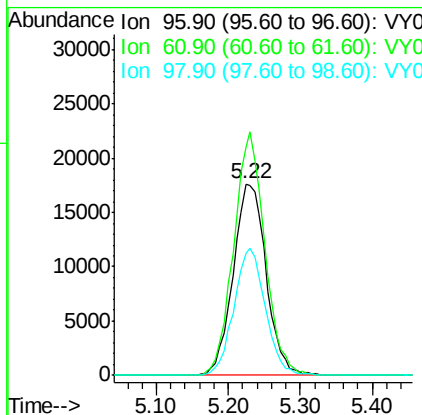
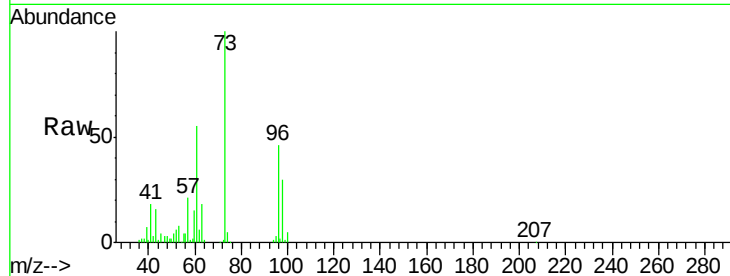
ClientSampleId :

VY0615SBS01

Tot Ion:	96	Resp:	55969
Ion	Ratio	Lower	Upper
96	100		
61	119.2	96.8	145.2
98	64.1	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.201 ug/l

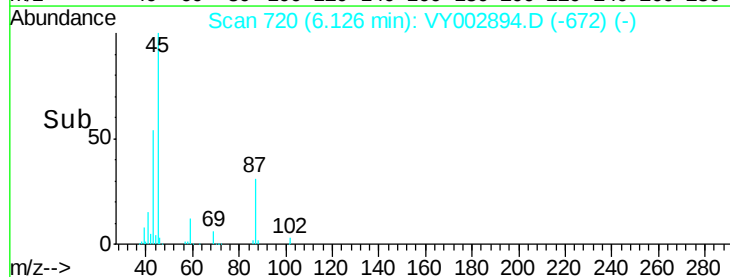
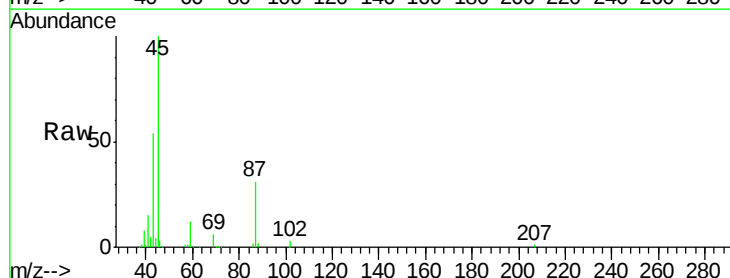
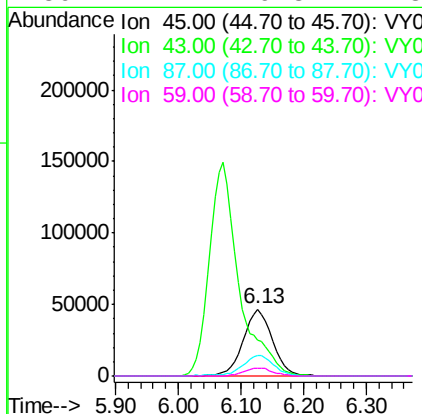
RT: 6.13 min Scan# 720

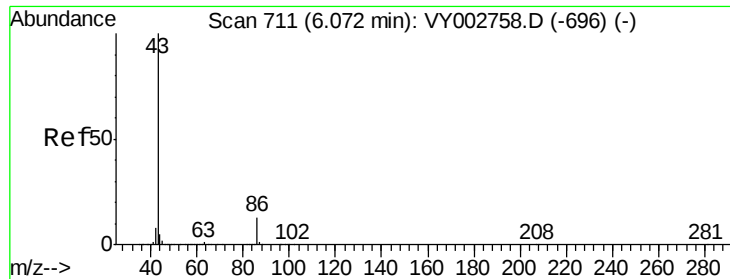
Delta R.T. -0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion:	45	Resp:	150891
Ion	Ratio	Lower	Upper
45	100		
43	54.2	41.7	62.5
87	30.5	24.2	36.2
59	12.1	9.8	14.8





#23

Vinyl Acetate

Concen: 109.119 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 43 Resp: 489642

Ion Ratio Lower Upper

43 100

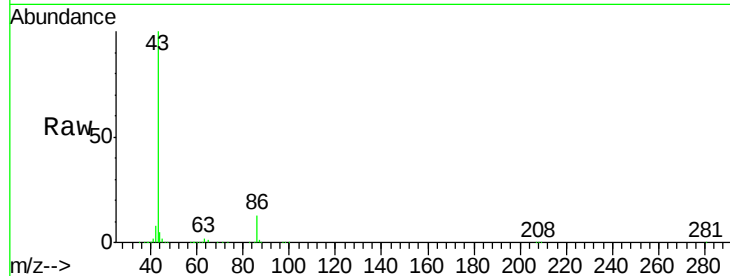
86 13.1 10.2 15.2

Manual Integrations

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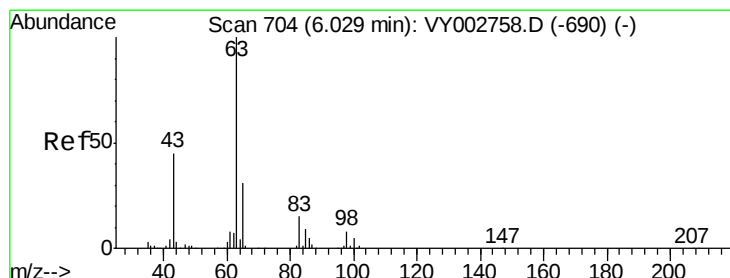
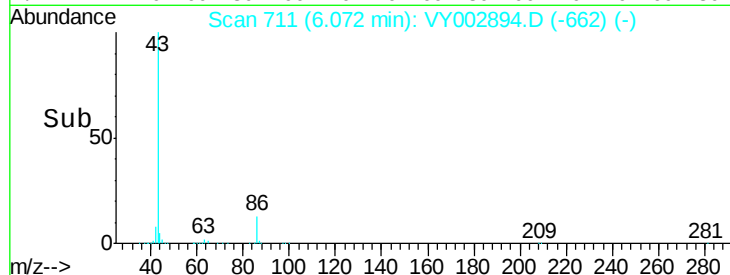
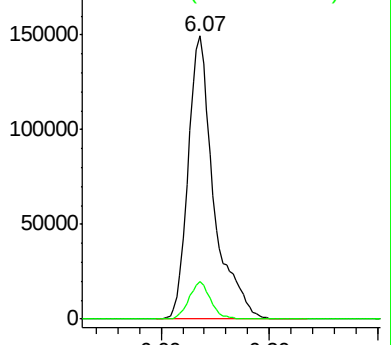
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.436 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

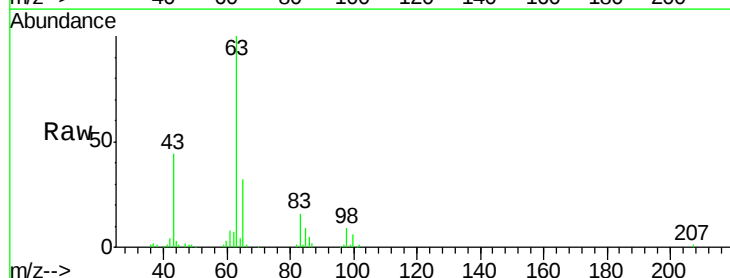
Tgt Ion: 63 Resp: 89202

Ion Ratio Lower Upper

63 100

98 9.1 4.0 12.2

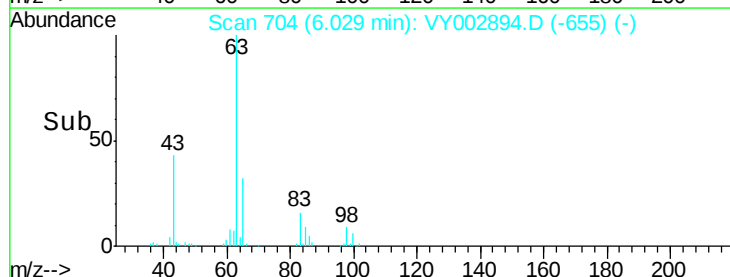
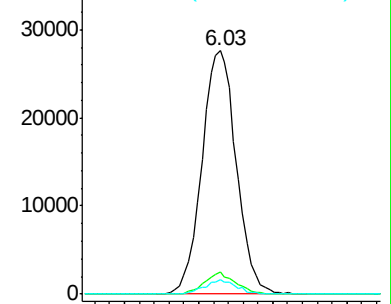
100 6.1 2.4 7.1

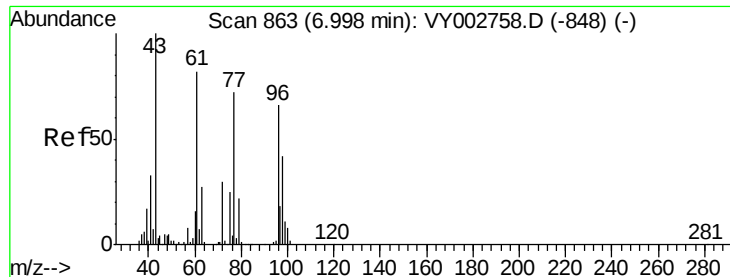


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 108.457 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 43 Resp: 92221

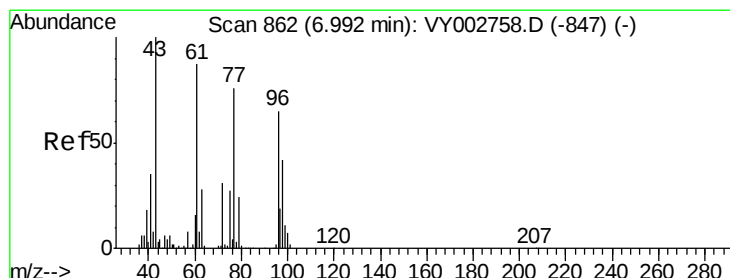
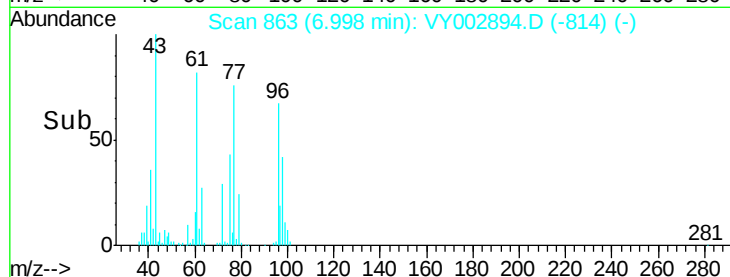
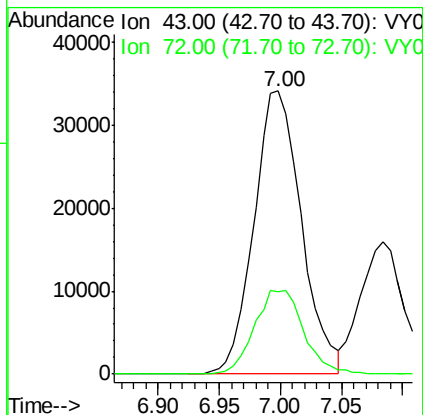
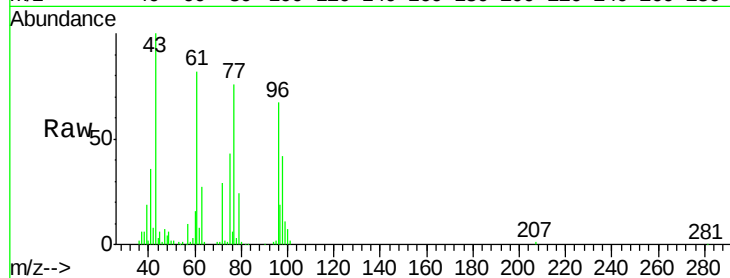
Ion Ratio Lower Upper

43 100

72 29.1 23.9 35.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 21.894 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002894.D

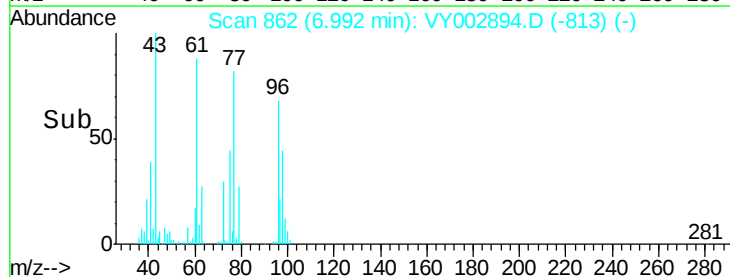
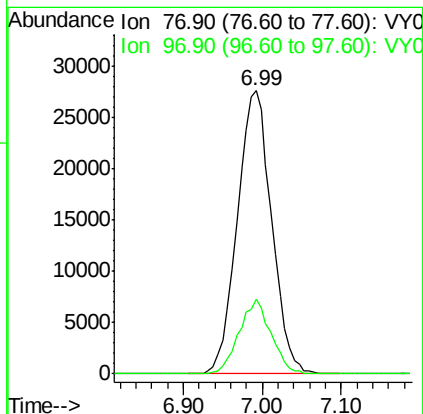
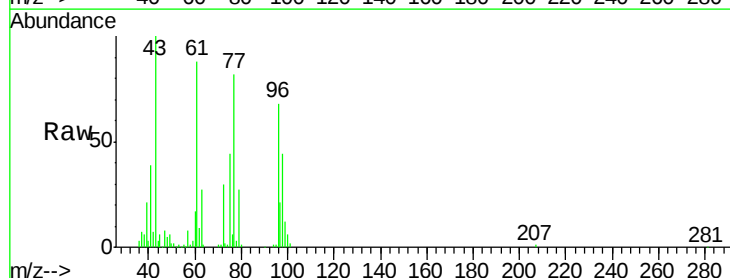
Acq: 15 Jun 2020 11:13

Tgt Ion: 77 Resp: 83484

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6





#27

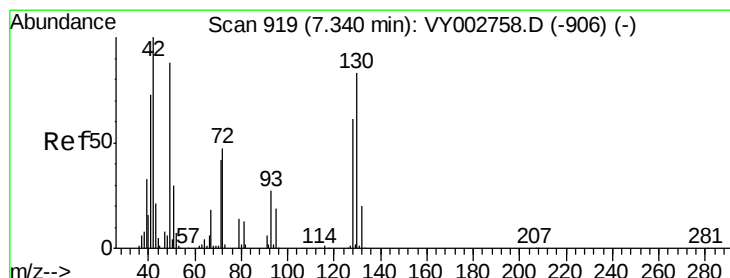
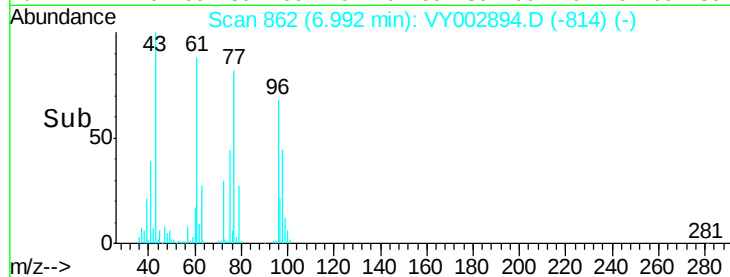
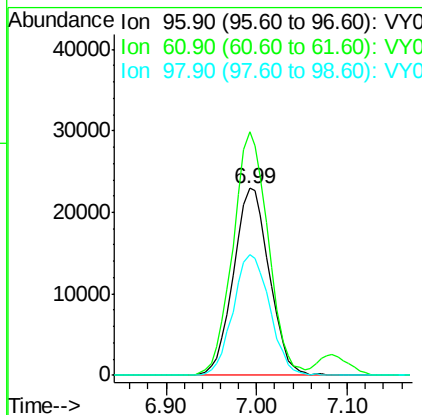
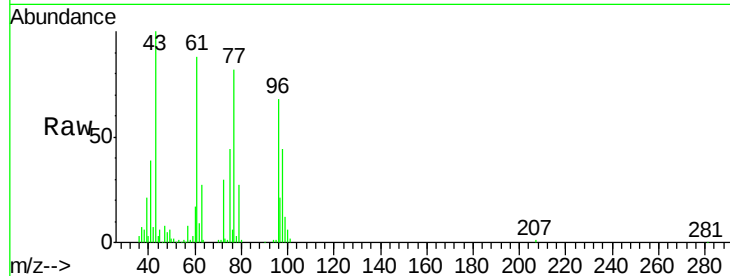
cis-1,2-Dichloroethene
 Concen: 21.918 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.2	0.0	260.2
98	65.8	0.0	128.2

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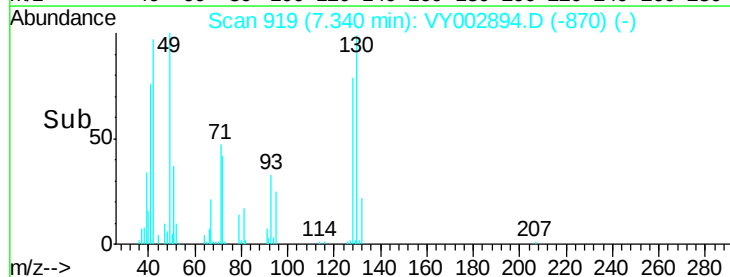
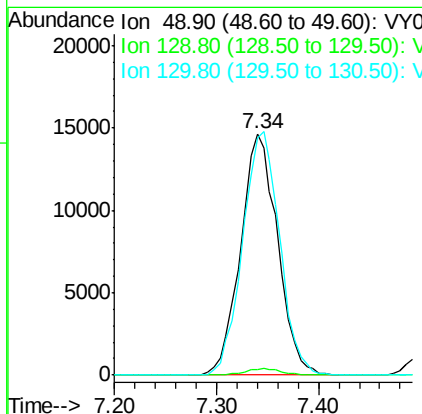
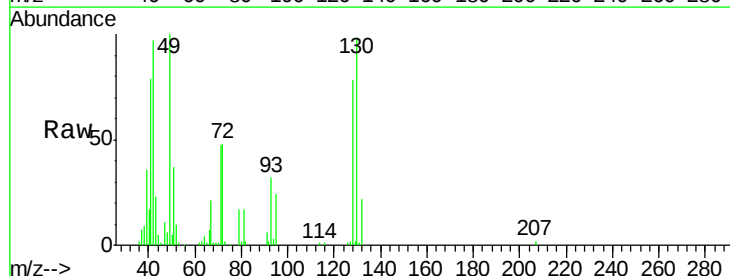
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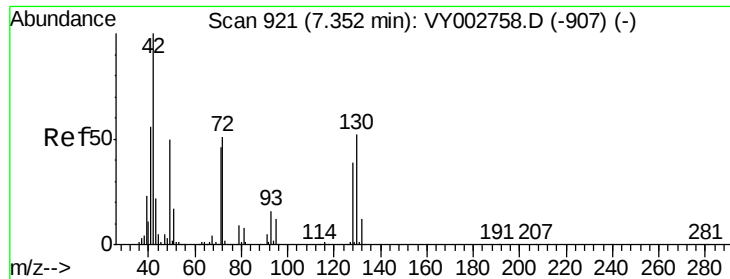


#28

Bromochloromethane
 Concen: 22.579 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	101.1	77.1	115.7





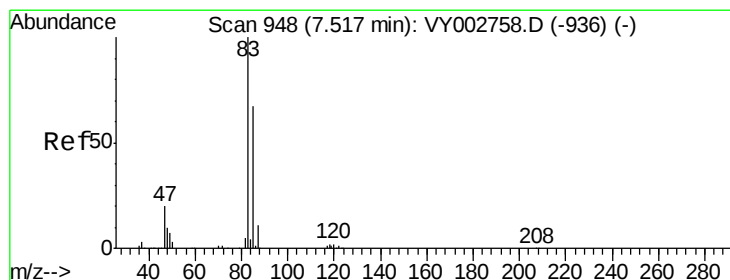
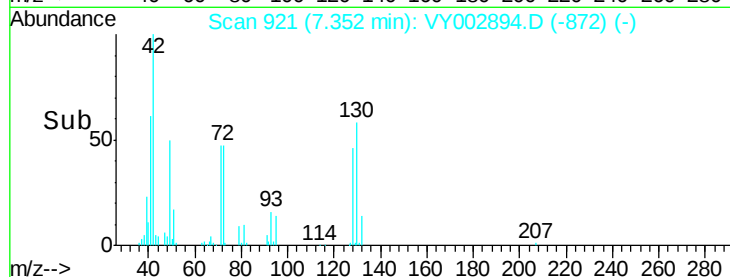
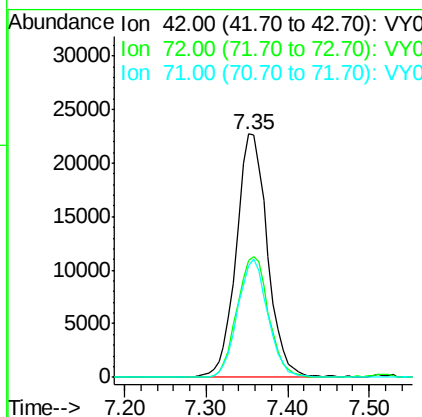
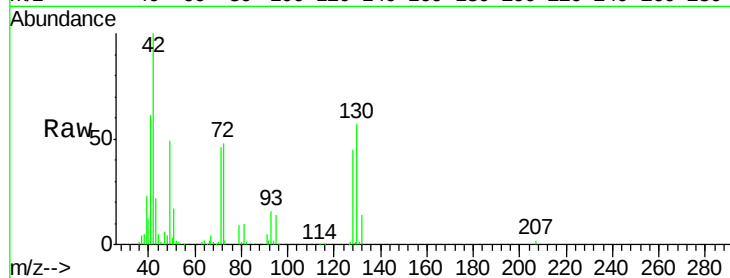
#29
Tetrahydrofuran
Concen: 109.082 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.3	38.6	58.0
71	46.9	35.8	53.8

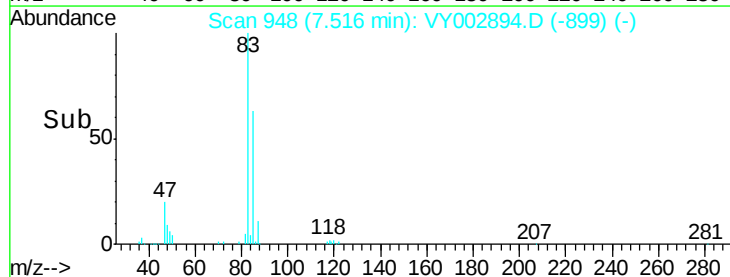
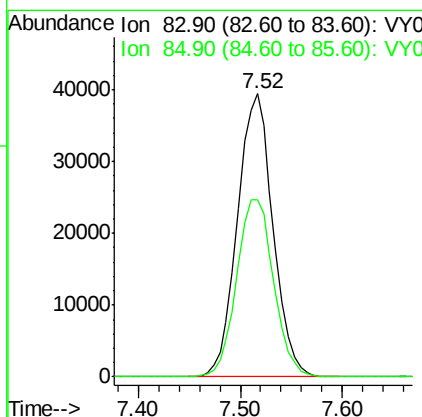
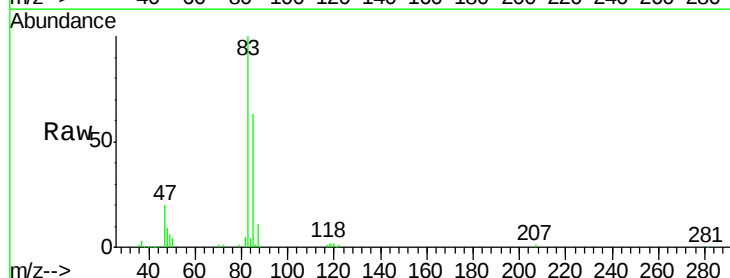
Manual Integrations
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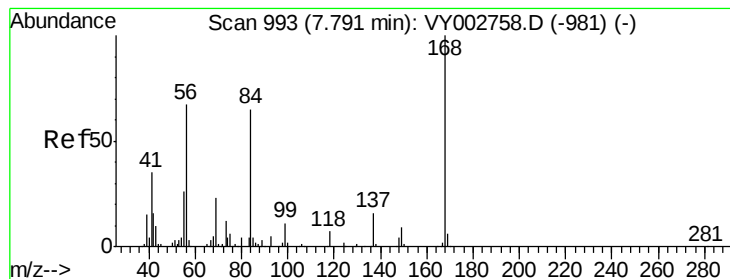
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#30
Chloroform
Concen: 22.588 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.8	80.8





#31

Cyclohexane

Concen: 20.464 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 56 Resp: 80779

Ion Ratio Lower Upper

56 100

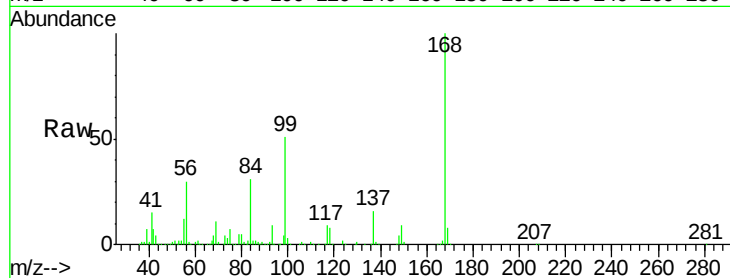
69 37.3 28.0 42.0

84 100.9 77.7 116.5

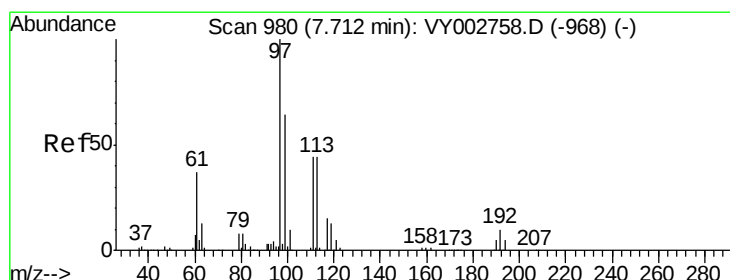
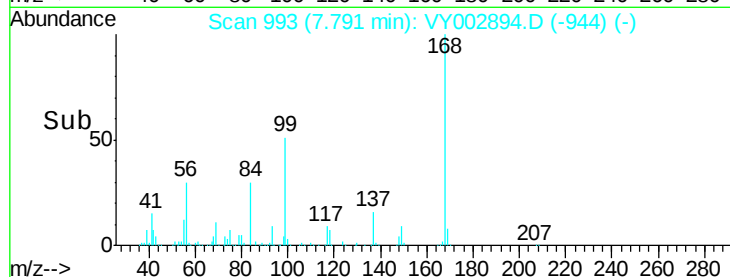
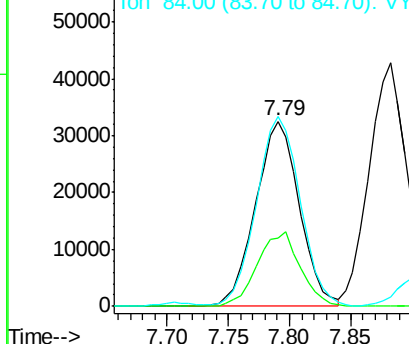
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 22.639 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

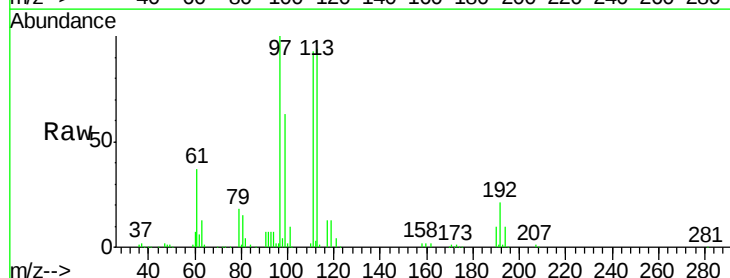
Tgt Ion: 97 Resp: 89004

Ion Ratio Lower Upper

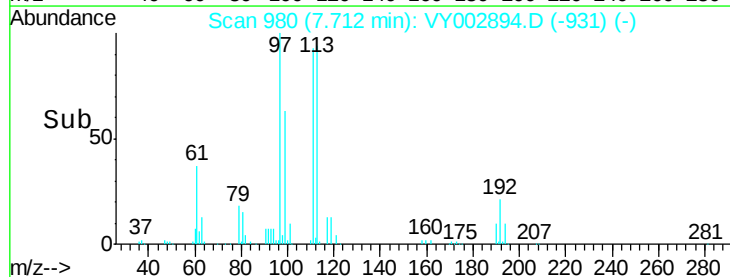
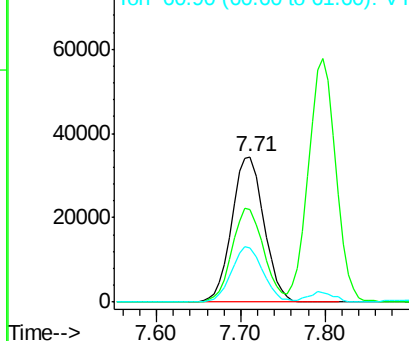
97 100

99 64.1 51.4 77.0

61 37.5 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: 48.743 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 65 Resp: 113449

Ion Ratio Lower Upper

65 100

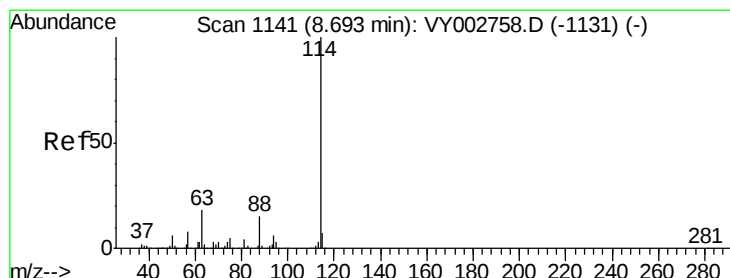
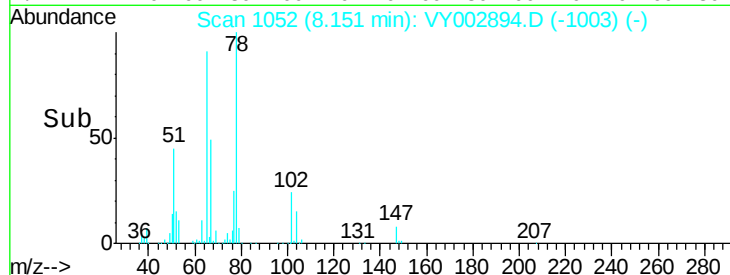
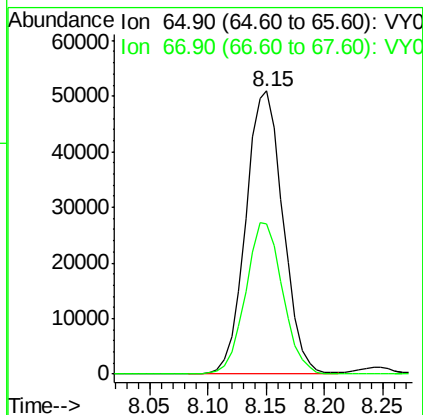
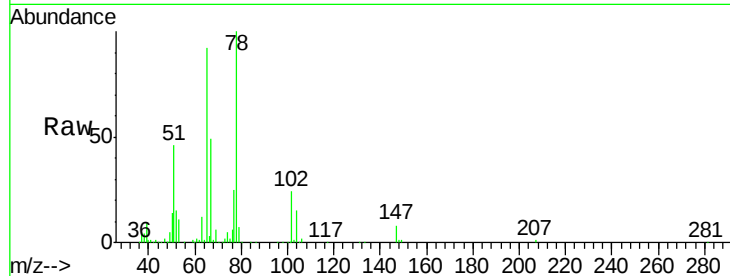
67 53.3 0.0 111.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

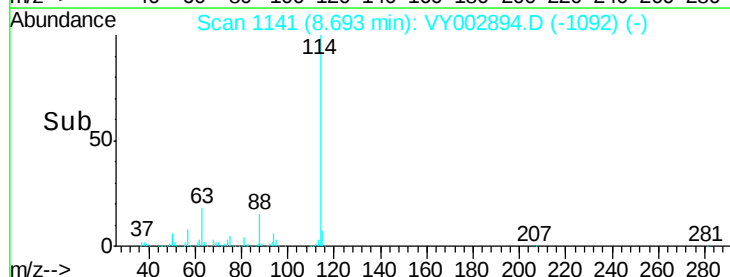
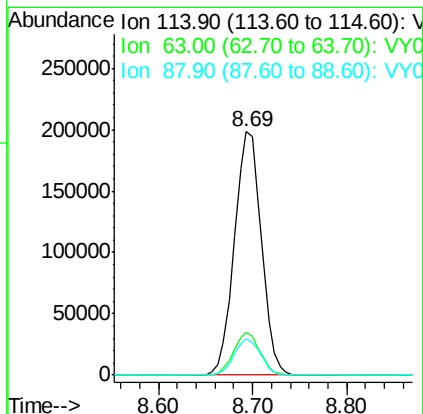
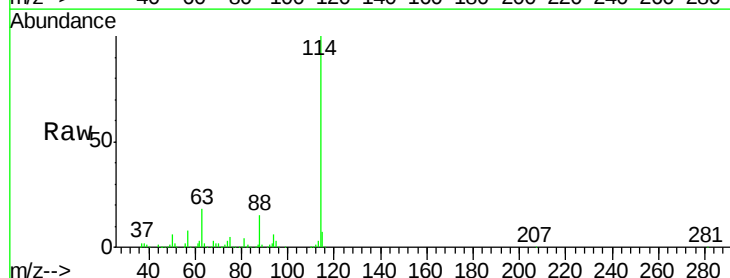
Tgt Ion: 114 Resp: 394689

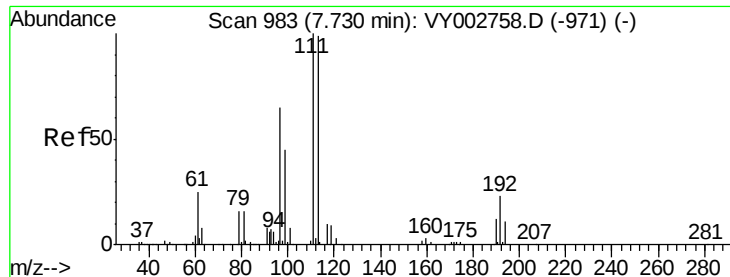
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

88 14.8 0.0 29.2





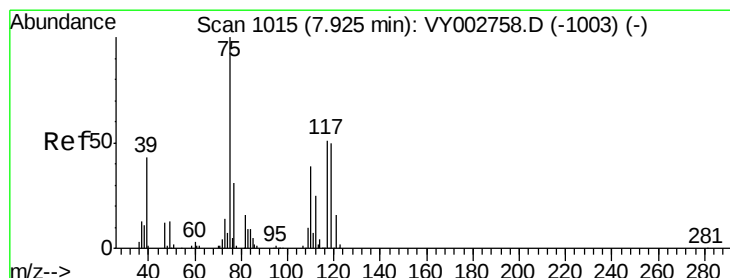
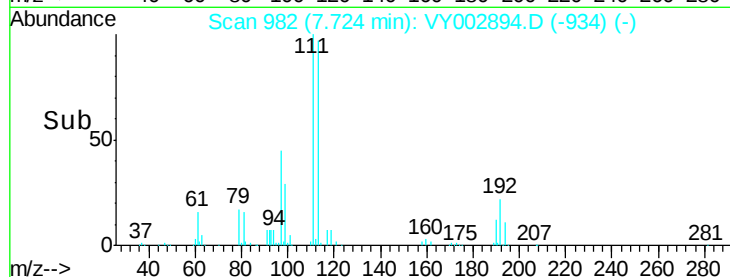
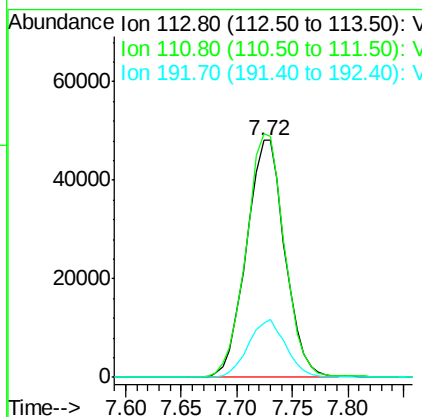
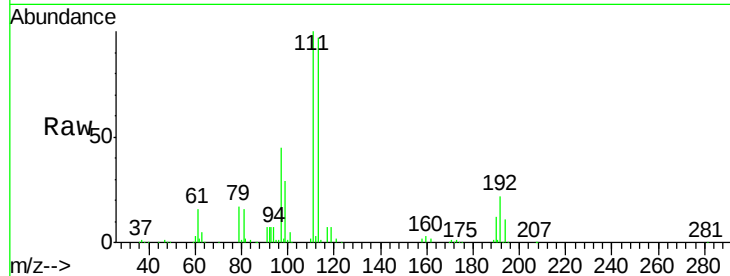
#35
Dibromofluoromethane
Concen: 50.105 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	82.0	123.0	
192	23.7	18.9	28.3	

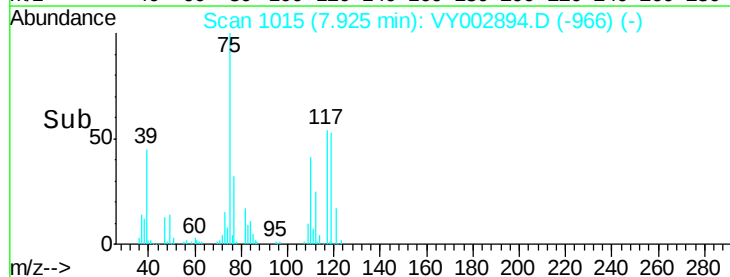
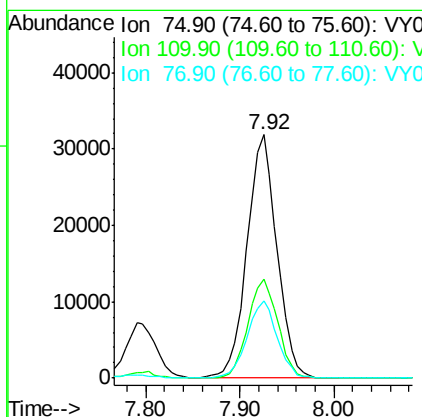
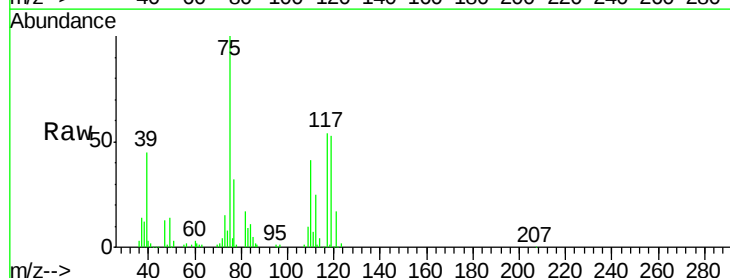
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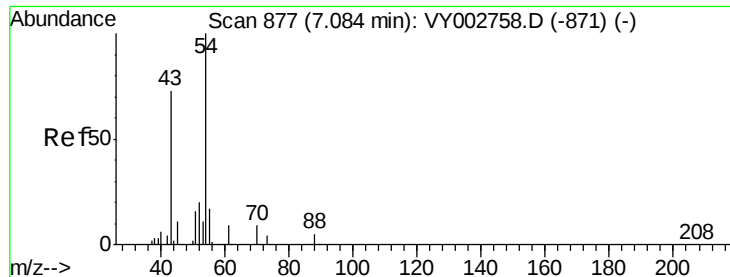
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#36
1,1-Dichloropropene
Concen: 21.409 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	40.4	19.3	57.9	
77	31.8	24.8	37.2	





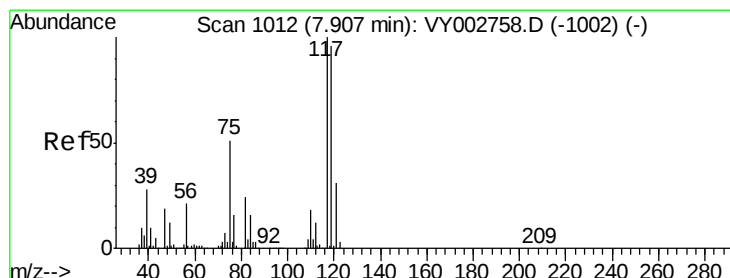
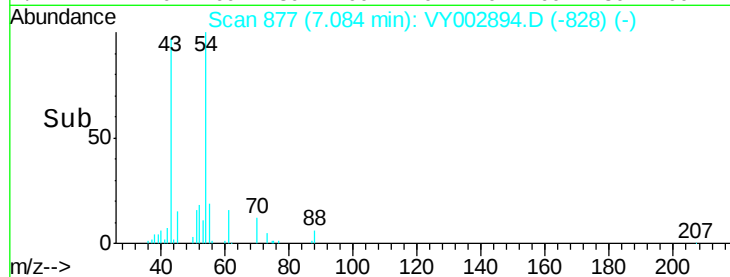
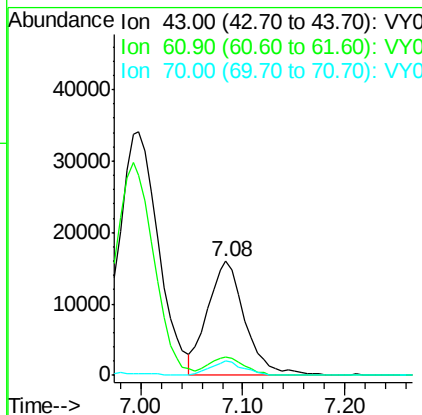
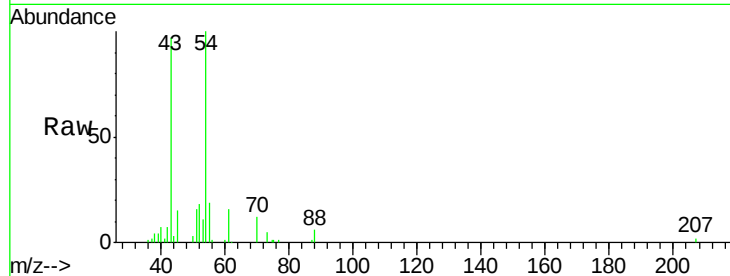
#37
Ethyl Acetate
Concen: 22.615 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	11.4	9.1	13.7

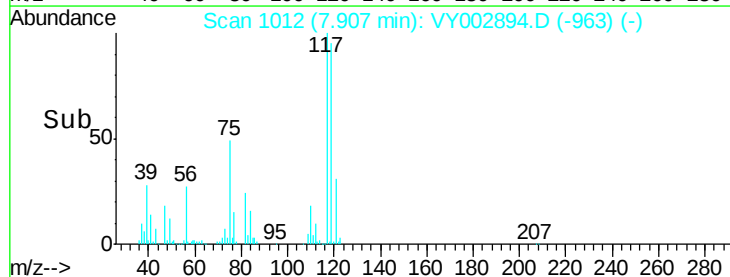
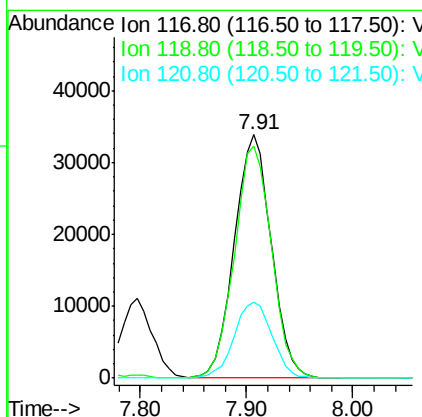
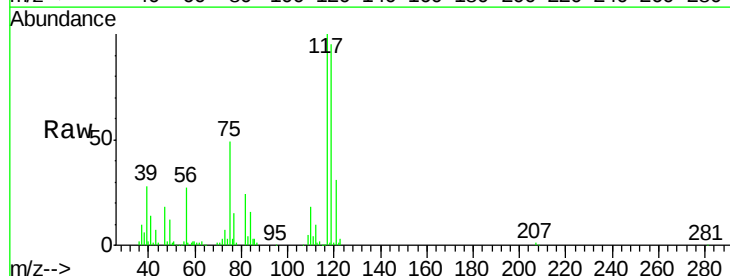
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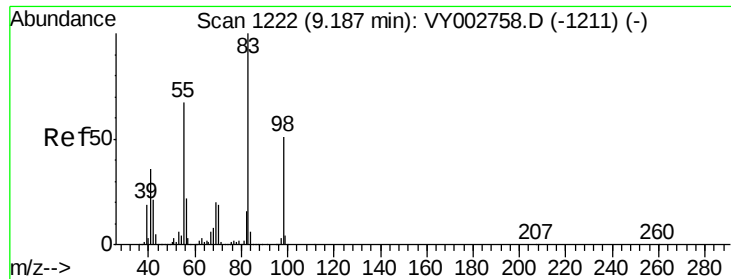
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#38
Carbon Tetrachloride
Concen: 22.329 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.8	115.2
121	31.3	24.8	37.2





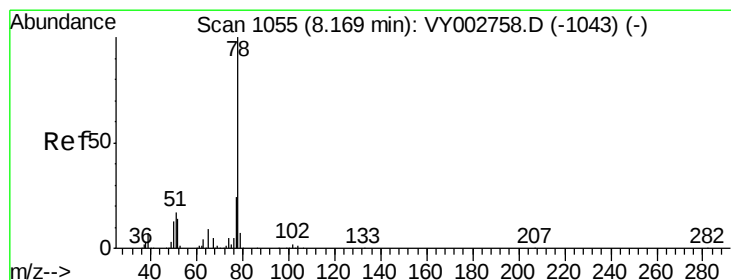
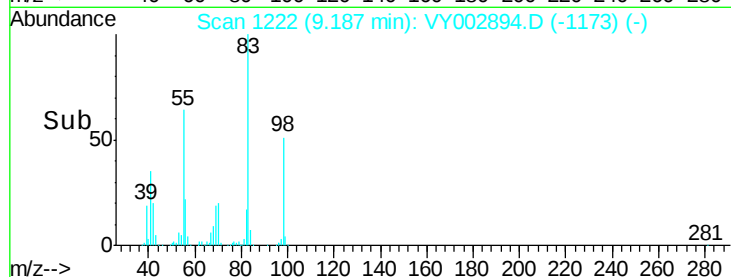
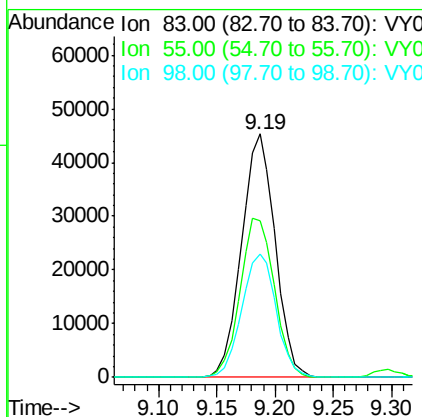
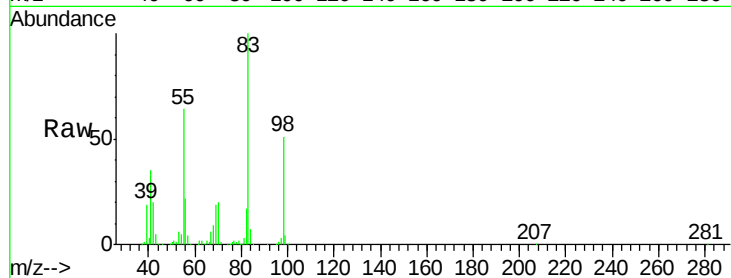
#39
Methvlcvclohexane
Concen: 20.841 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.1	53.3	79.9
98	50.8	41.1	61.7

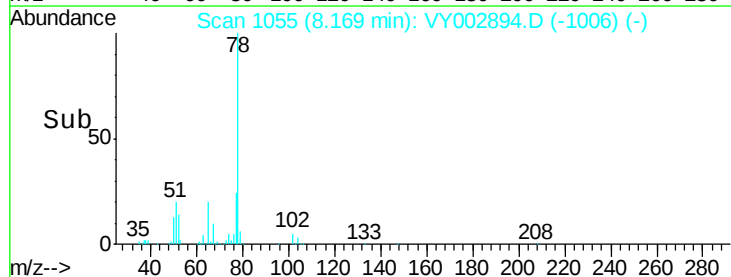
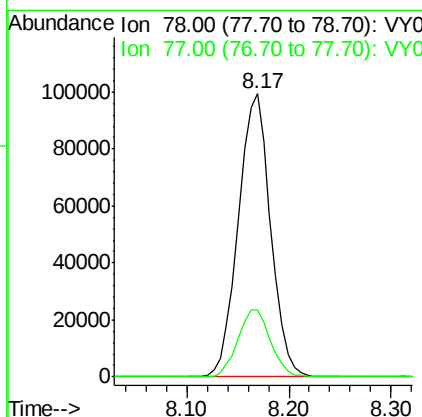
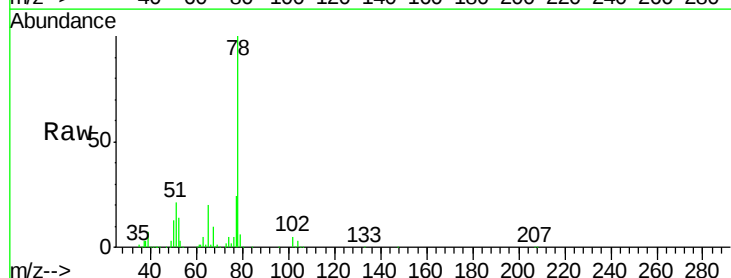
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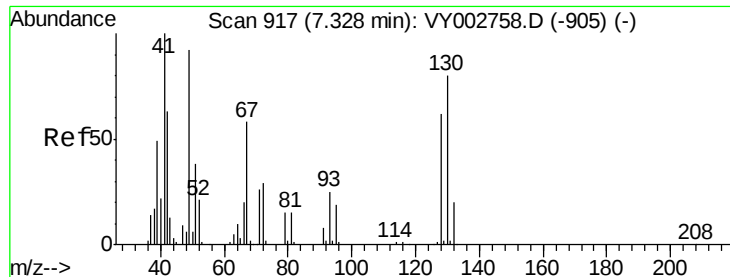
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#40
Benzene
Concen: 22.136 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





#41

Methacrylonitrile

Concen: 20.794 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 41 Resp: 20208

Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

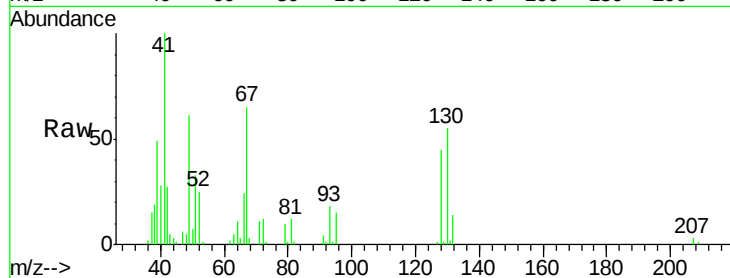
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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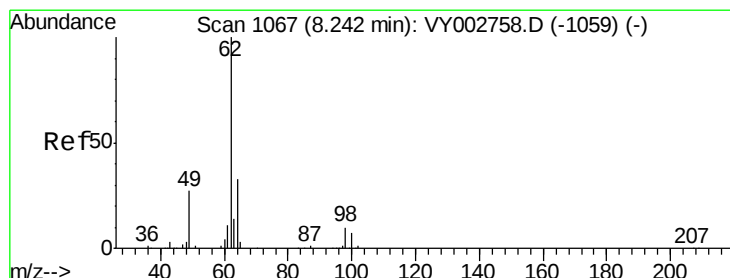
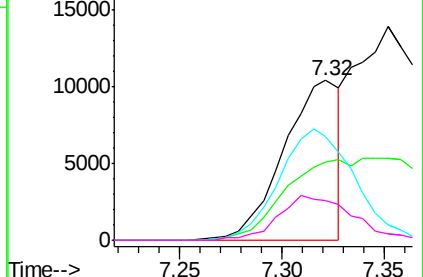
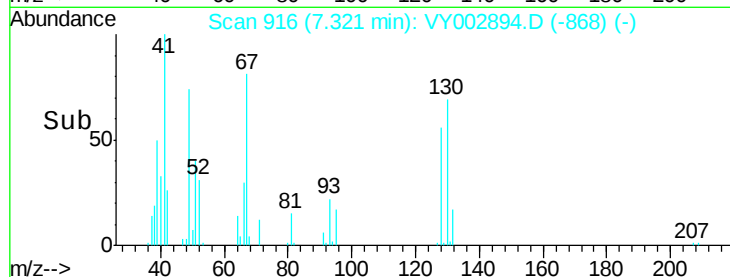


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 22.436 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY002894.D

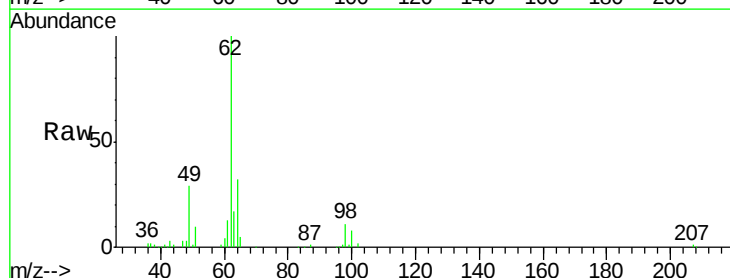
Acq: 15 Jun 2020 11:13

Tgt Ion: 62 Resp: 61772

Ion Ratio Lower Upper

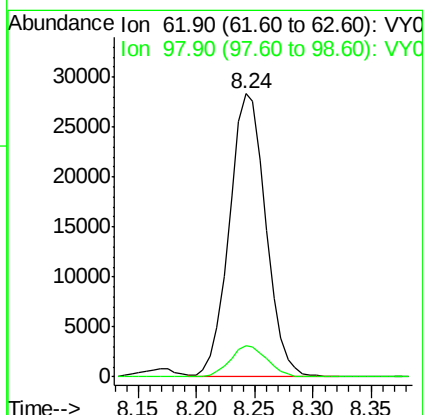
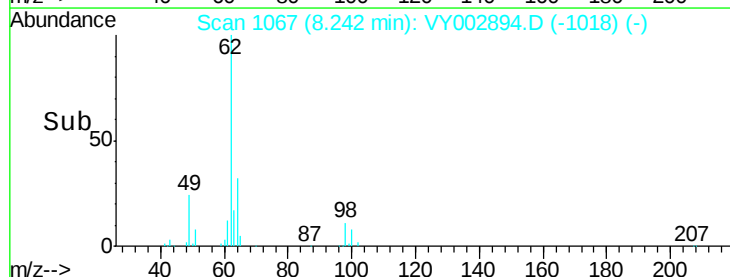
62 100

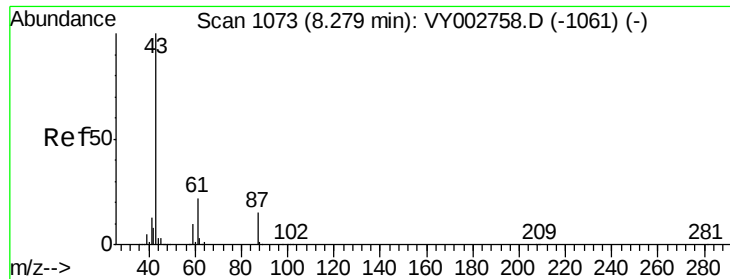
98 11.0 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

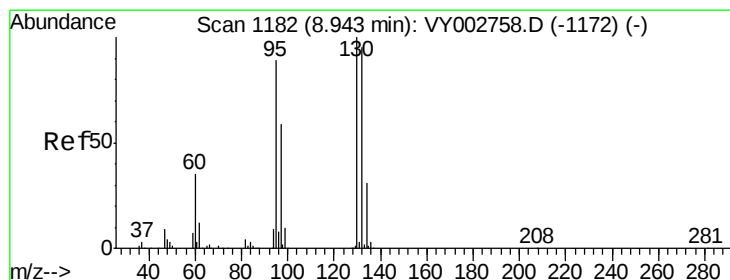
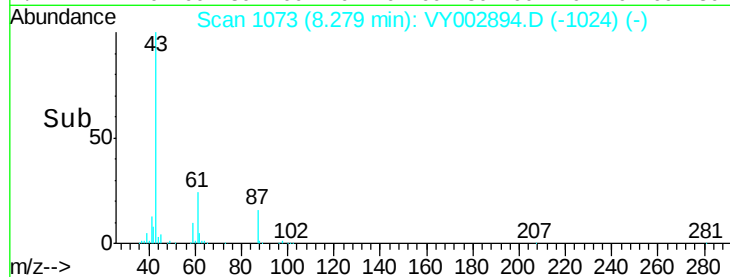
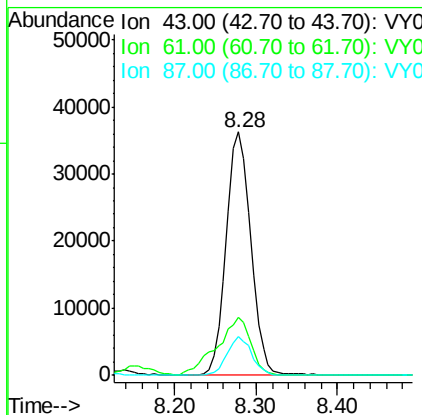
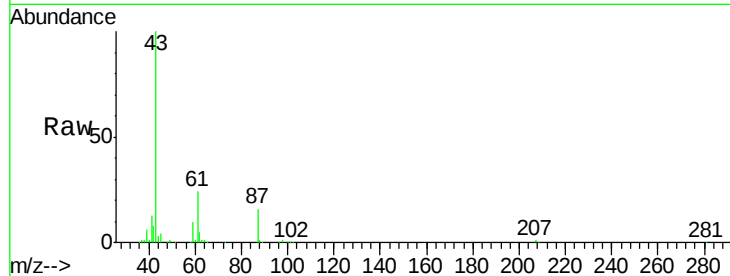
Isopropyl Acetate
 Concen: 22.116 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.5	24.8	37.2
87	15.8	12.4	18.6

Manual Integrations
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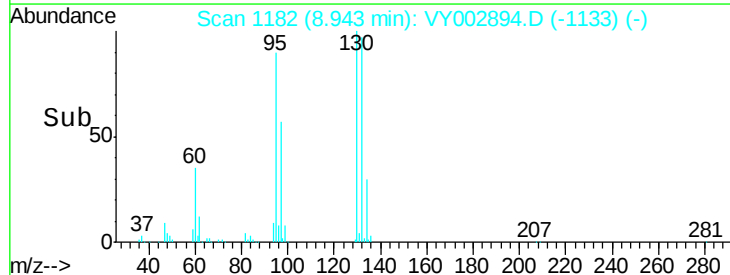
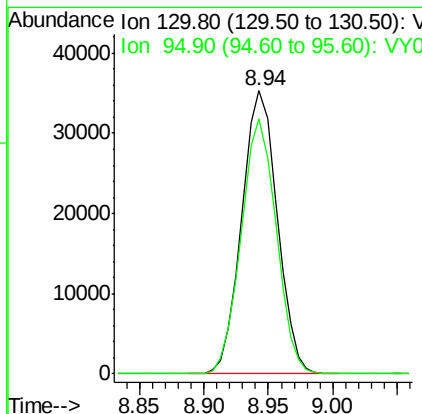
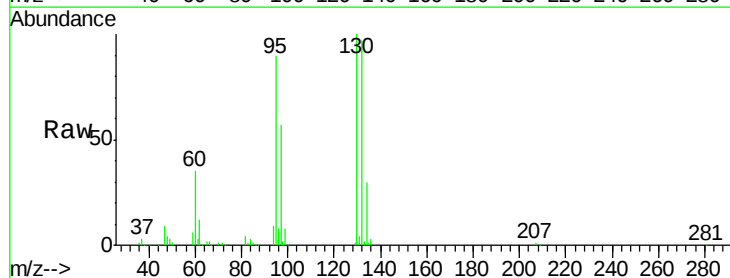
MMDadoda
 6/16/2020 3:22:41 PM

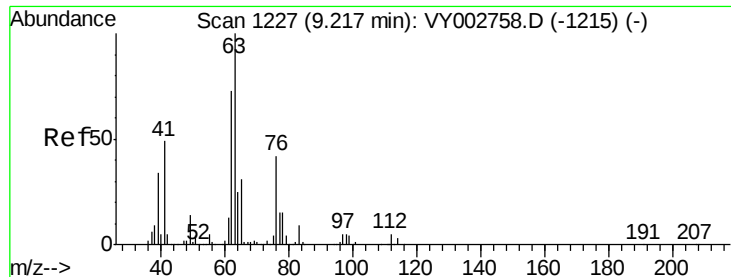


#44

Trichloroethene
 Concen: 21.766 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	178.8





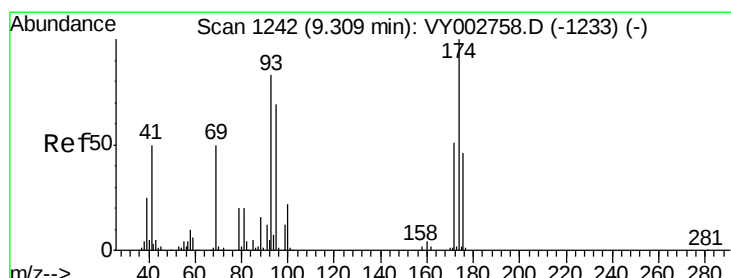
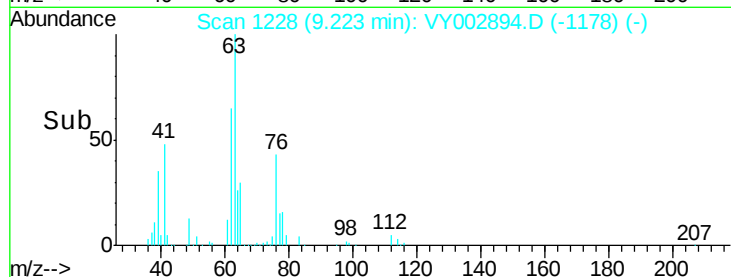
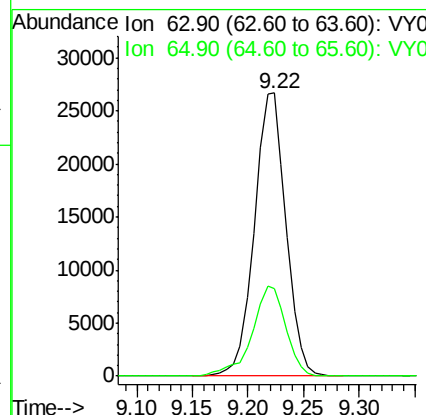
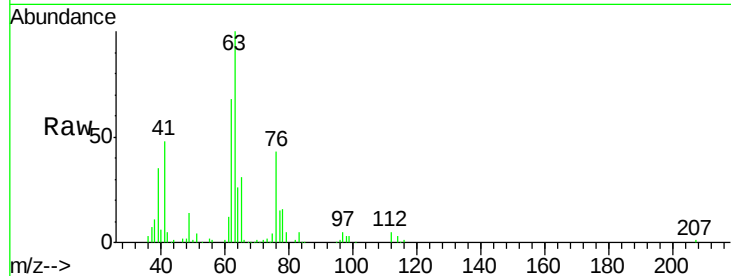
#45
 1,2-Dichloropropane
 Concen: 22.354 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.8	37.2

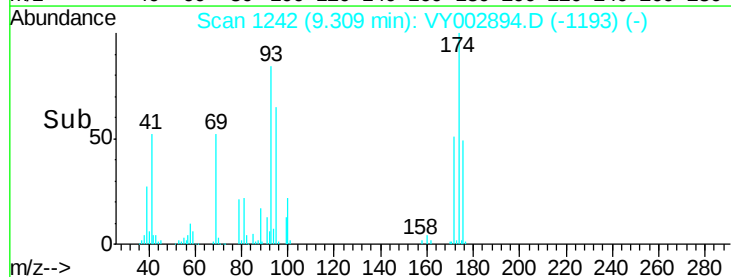
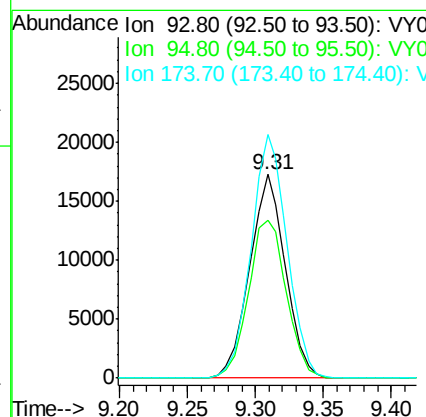
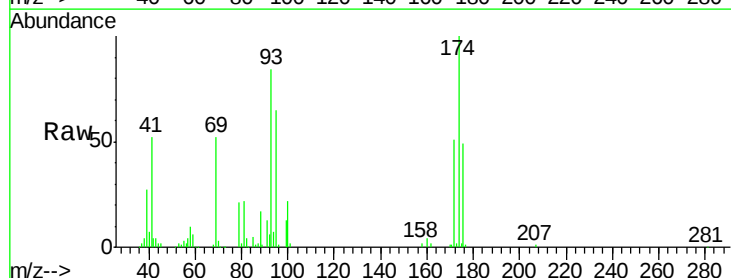
Manual Integrations
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#46
 Dibromomethane
 Concen: 22.683 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.9	100.3
174	120.1	97.7	146.5





#47

Bromodichloromethane

Concen: 22.896 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

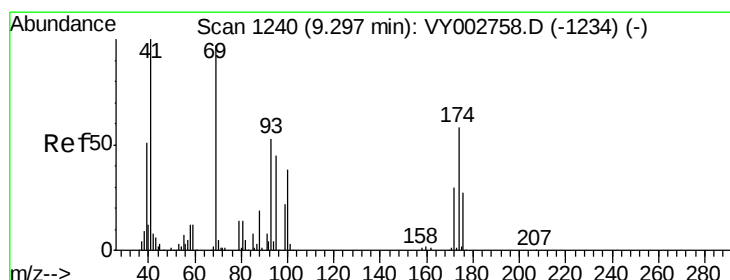
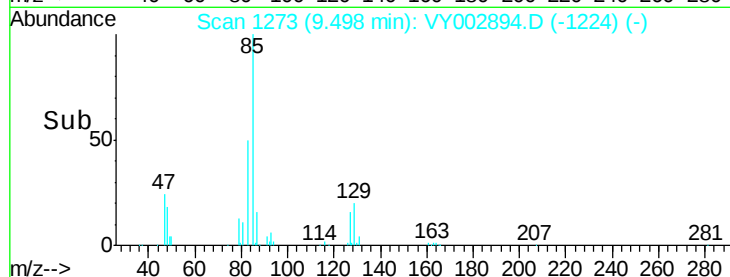
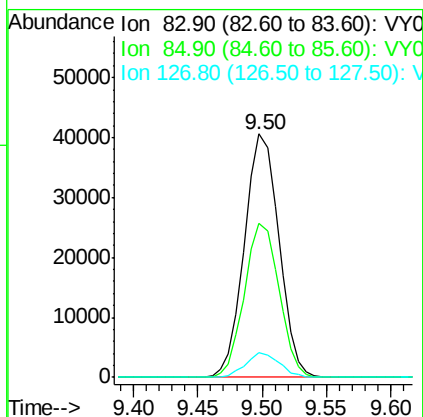
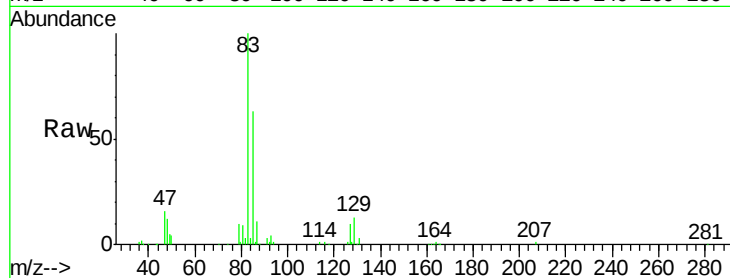
ClientSampleId :

VY0615SBS01

Tot Ion:	83	Resp:	75522
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.9	77.9
127	10.2	7.1	10.7

Manual Integrations
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6/16/2020 3:22:41 PM



#48

Methyl methacrylate

Concen: 21.926 ug/l

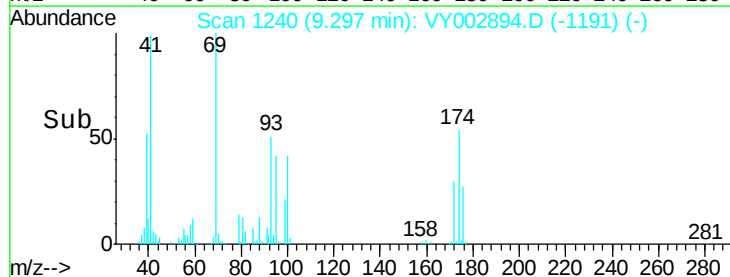
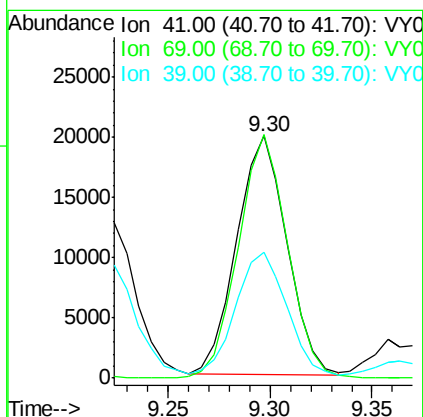
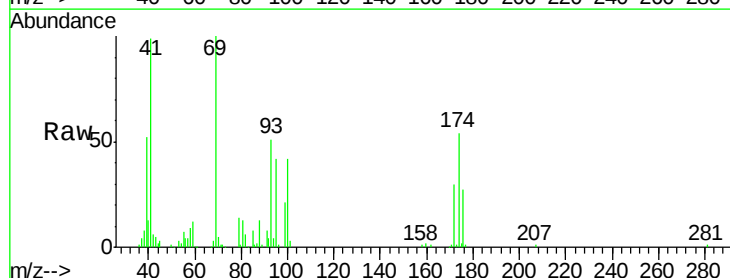
RT: 9.30 min Scan# 1240

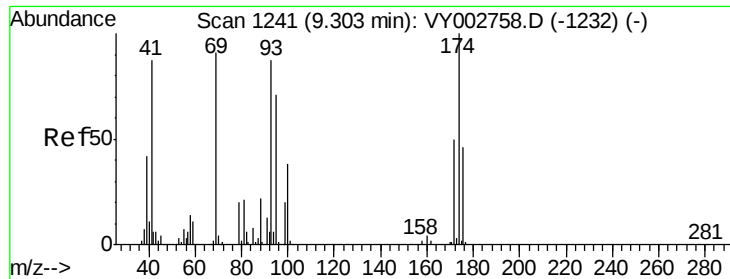
Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion:	41	Resp:	33929
Ion	Ratio	Lower	Upper
41	100		
69	100.0	79.7	119.5
39	54.9	43.3	64.9





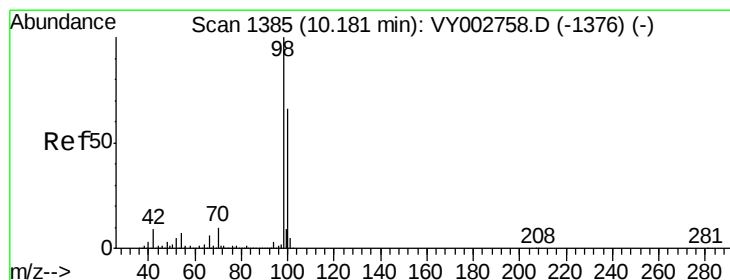
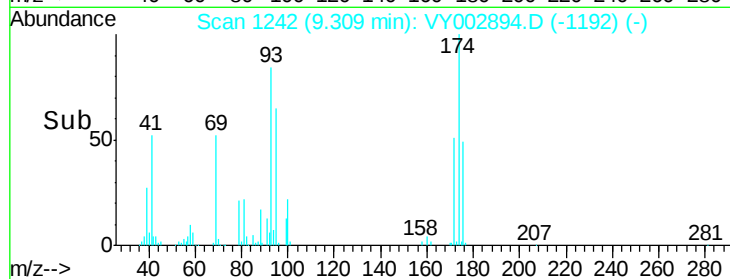
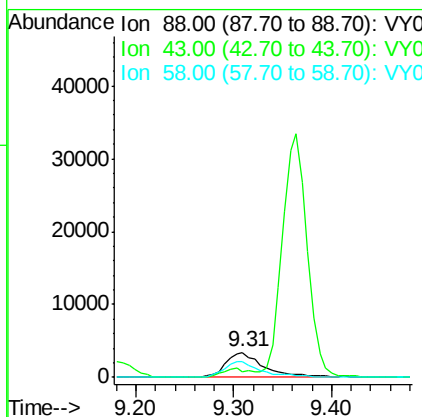
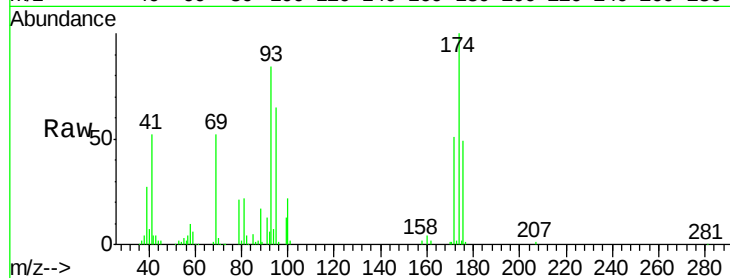
#49
1,4-Dioxane
Concen: 419.209 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	88	Resp	9006
Ion	Ratio	Lower	Upper
88	100		
43	29.4	21.3	31.9
58	64.4	52.2	78.2

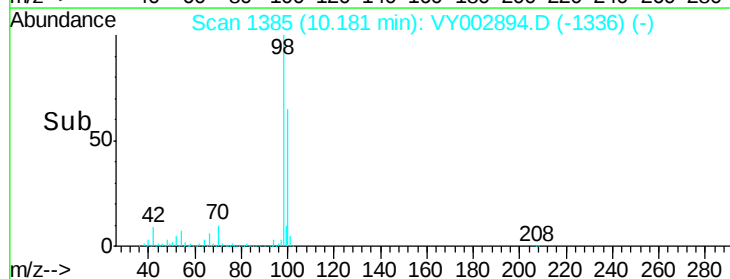
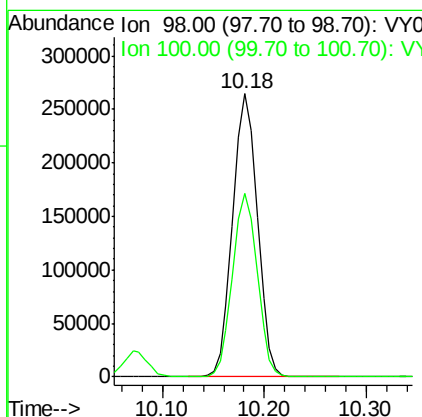
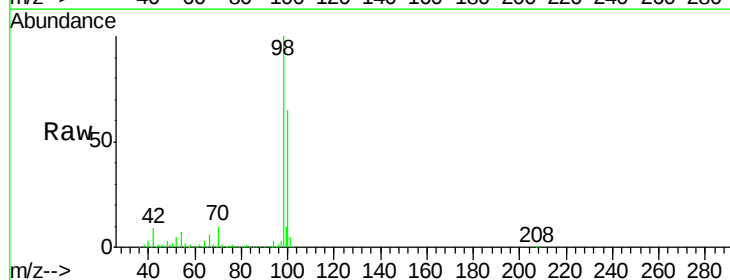
Manual Integrations
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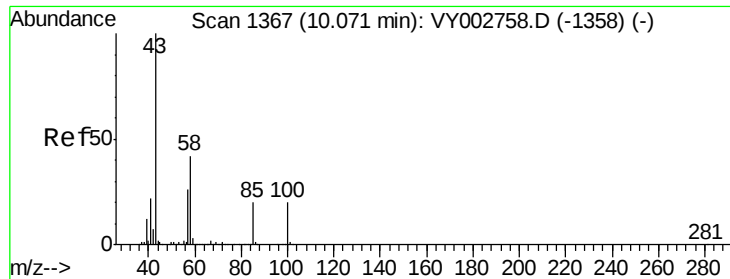
MMDadoda
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#50
Toluene-d8
Concen: 47.613 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	98	Resp	445291
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 113.159 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 43 Resp: 205403

Ion Ratio Lower Upper

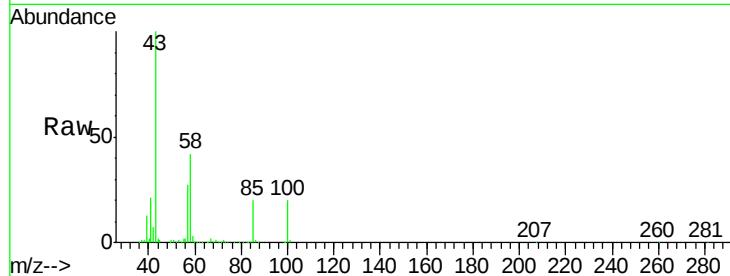
43 100

58 42.6 34.2 51.2

Manual Integrations
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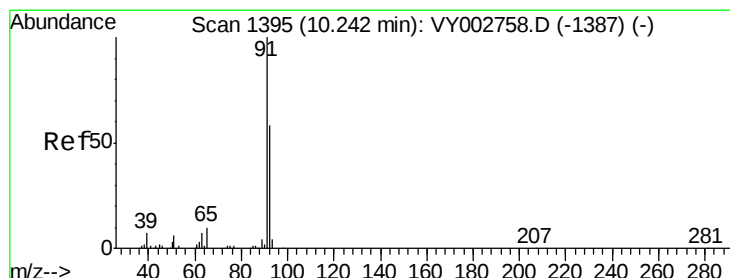
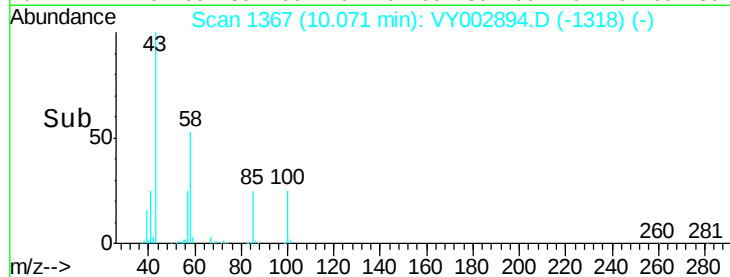
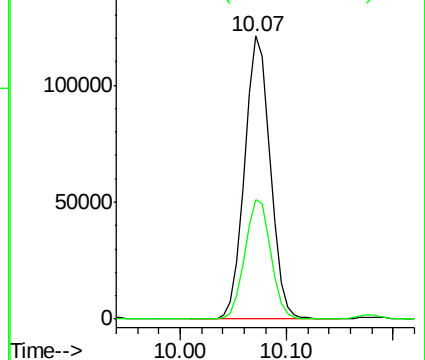
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 22.004 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002894.D

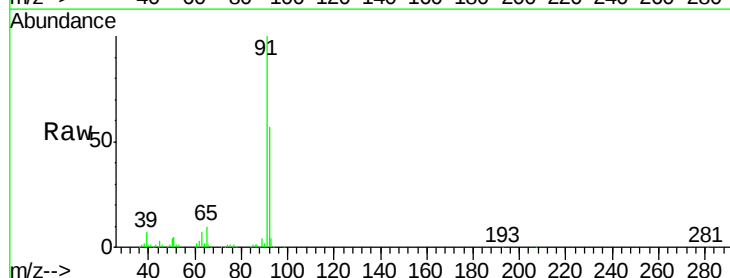
Acq: 15 Jun 2020 11:13

Tgt Ion: 92 Resp: 141413

Ion Ratio Lower Upper

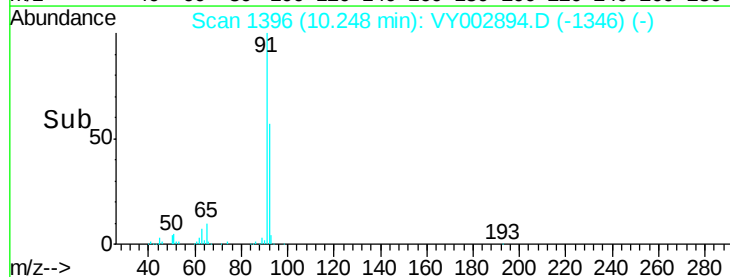
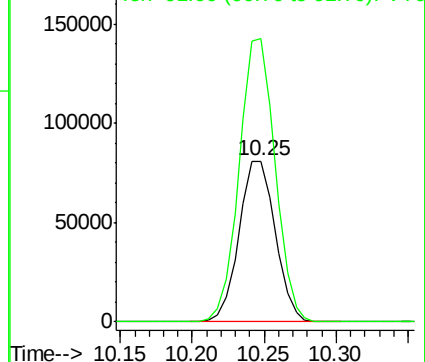
92 100

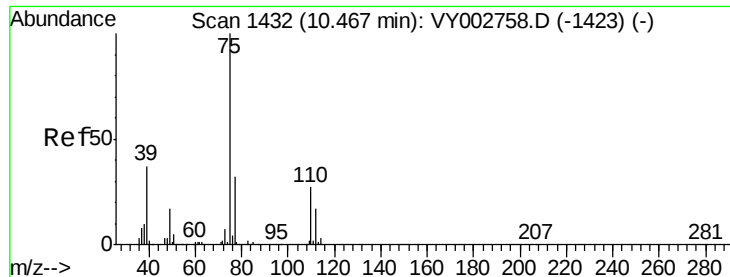
91 174.1 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





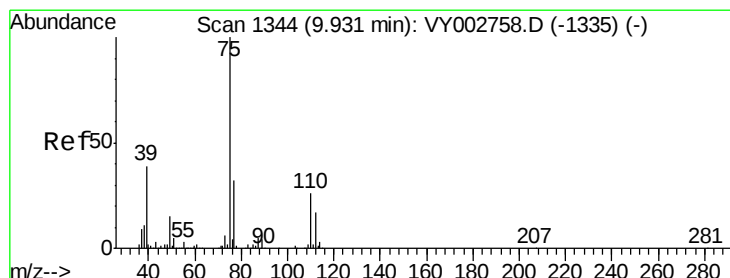
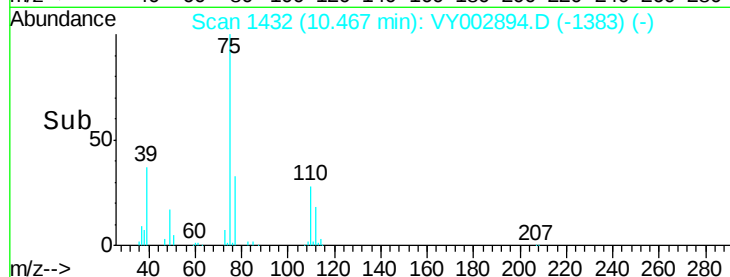
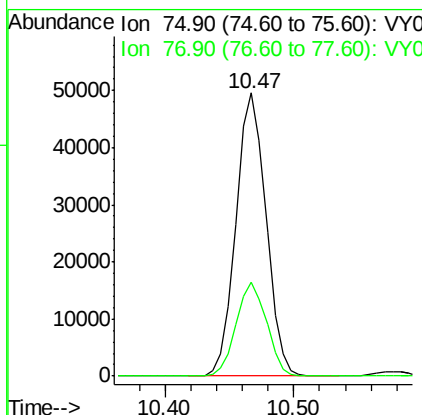
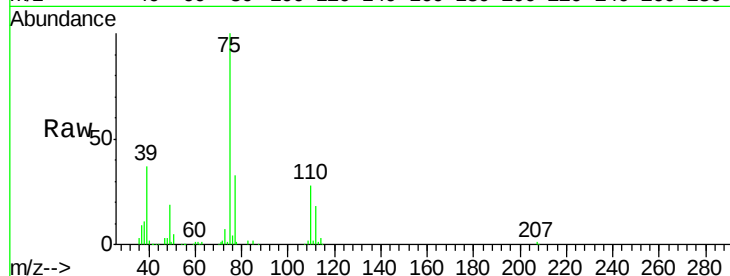
#53
t-1,3-Dichloropropene
Concen: 22.277 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.3	37.9

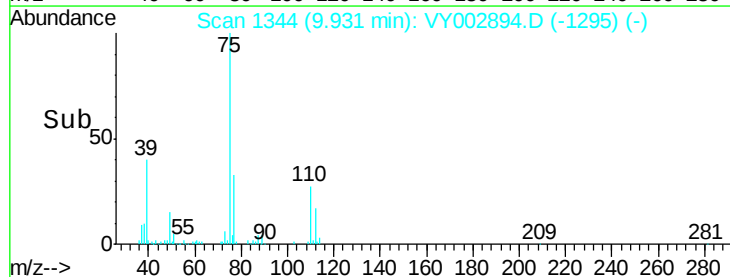
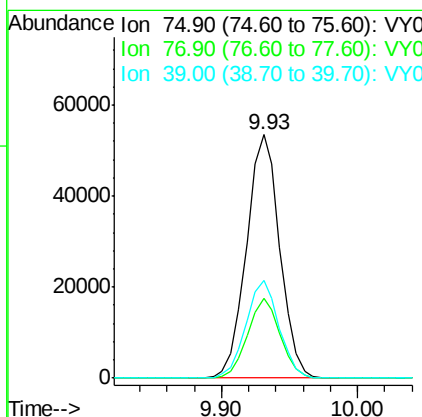
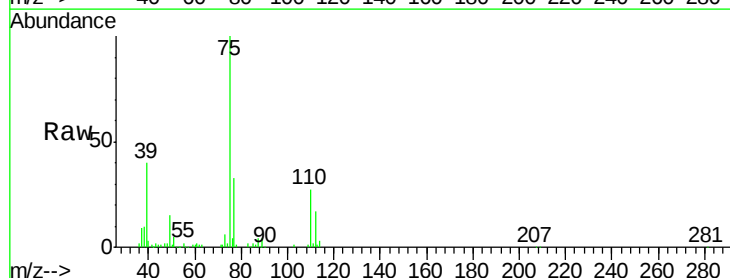
Manual Integrations
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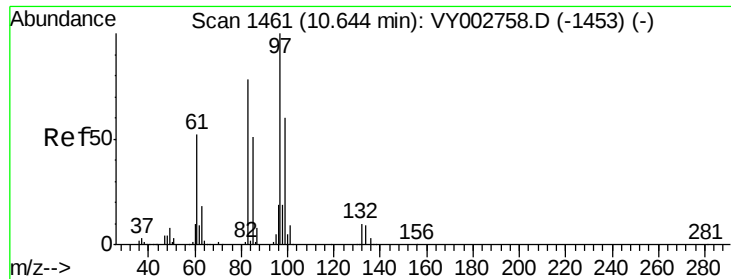
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 22.444 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.6	38.4
39	40.0	31.3	46.9





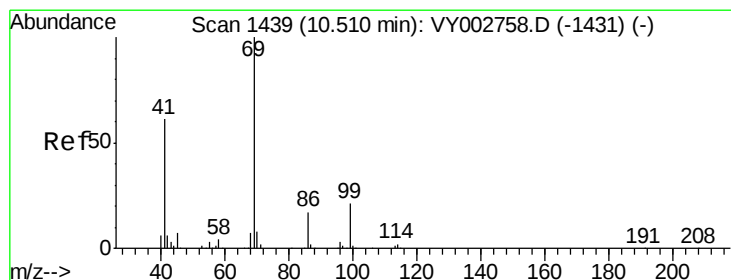
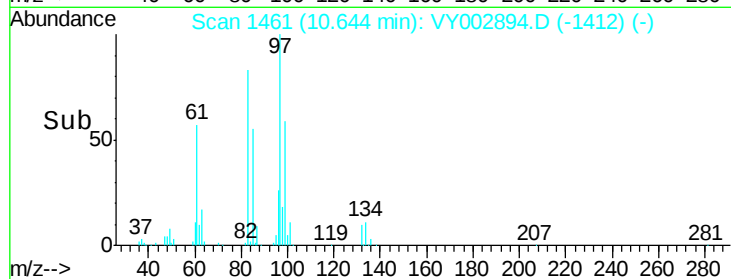
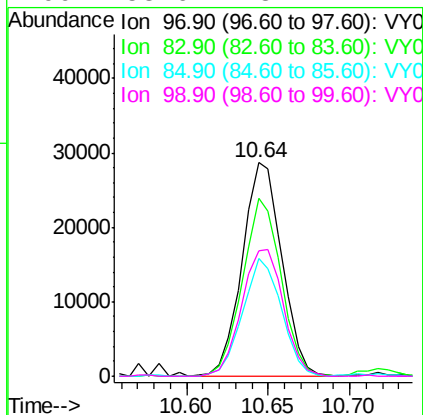
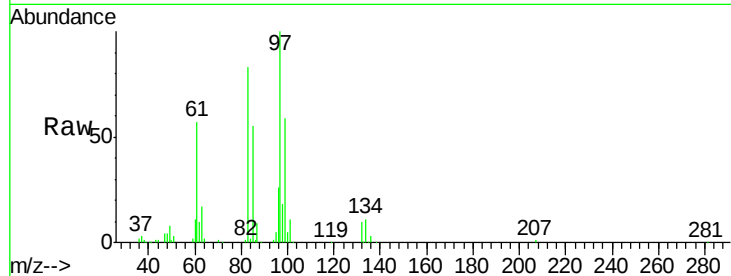
#55
 1,1,2-Trichloroethane
 Concen: 22.688 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion:	97	Resp:	48598
Ion	Ratio	Lower	Upper
97	100		
83	83.3	62.7	94.1
85	54.9	40.6	60.8
99	58.6	48.2	72.4

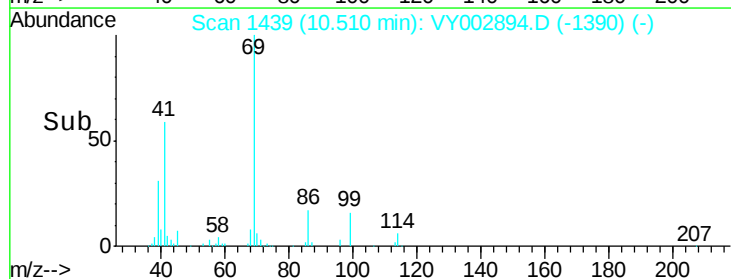
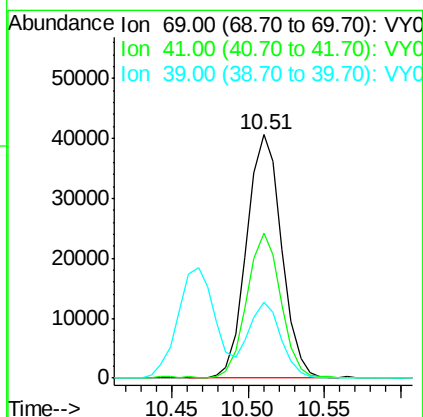
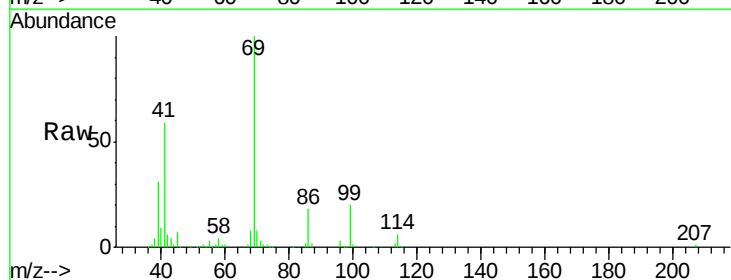
Manual Integrations
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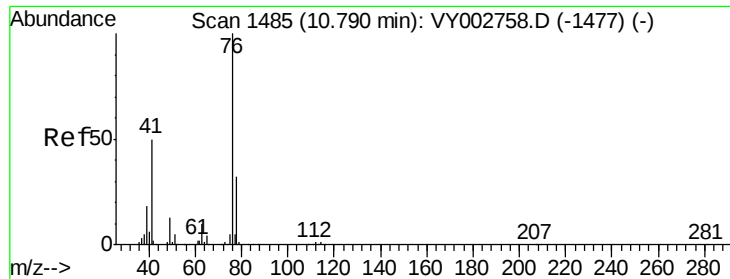
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#56
 Ethyl methacrylate
 Concen: 22.499 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion:	69	Resp:	64550
Ion	Ratio	Lower	Upper
69	100		
41	57.6	47.0	70.4
39	28.5	22.0	33.0





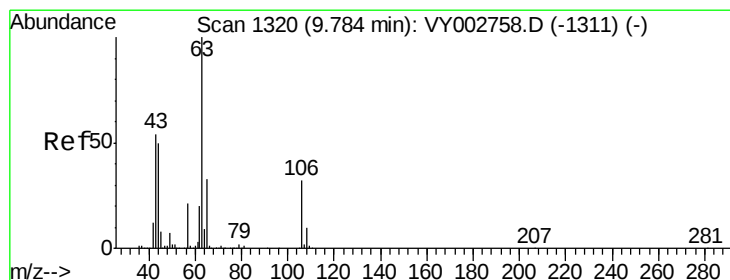
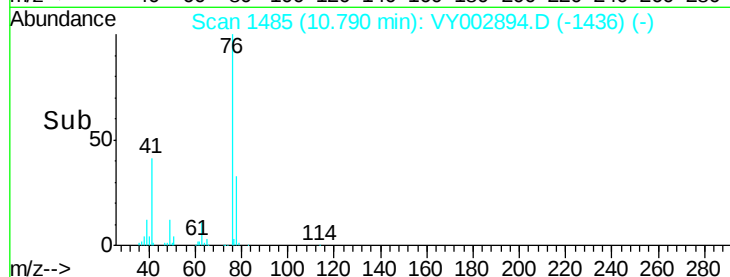
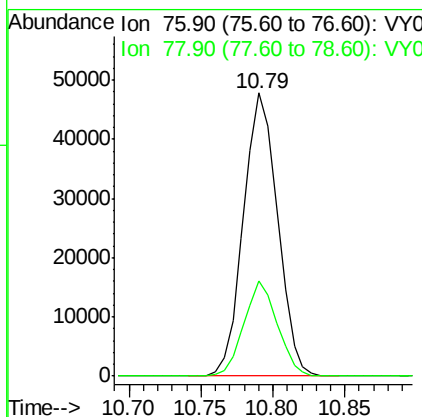
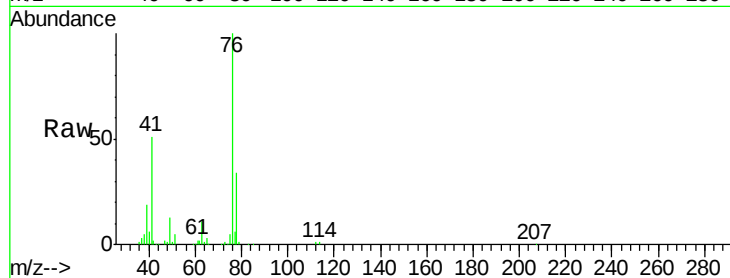
#57
 1,3-Dichloropropane
 Concen: 22.307 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

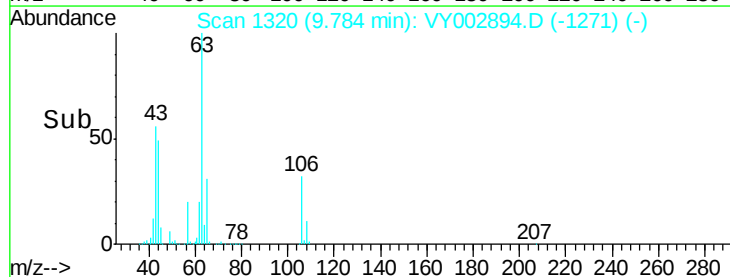
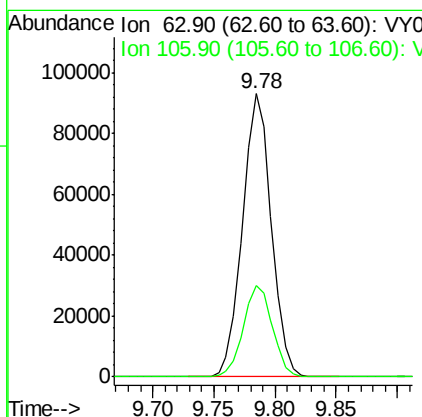
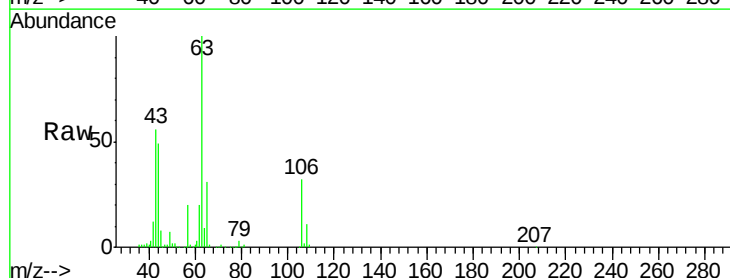
Manual Integrations
 APPROVED

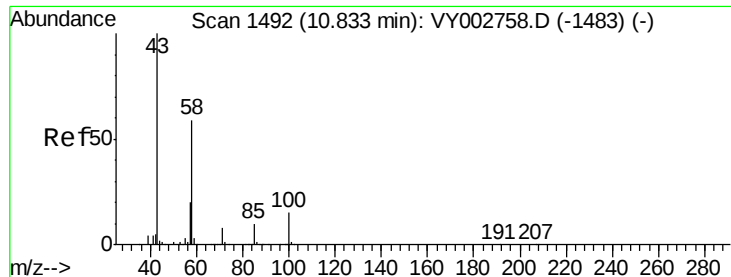
MMDadoda
 6/16/2020 3:22:41 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.646 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.6	25.4	38.2





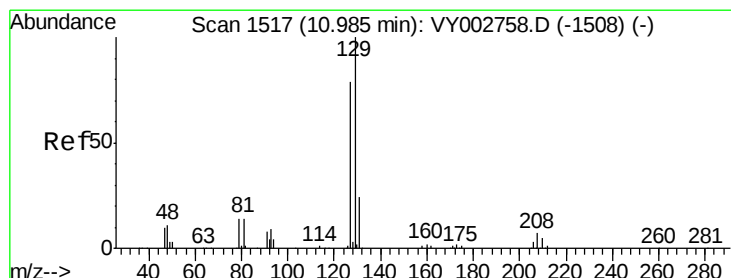
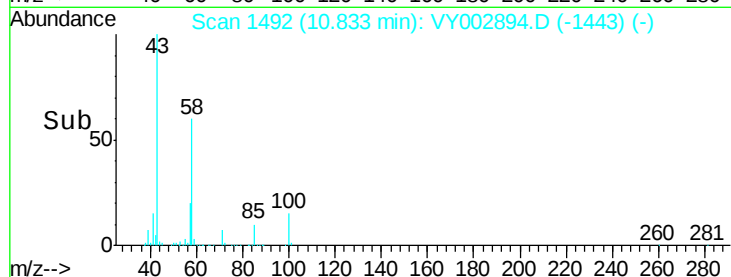
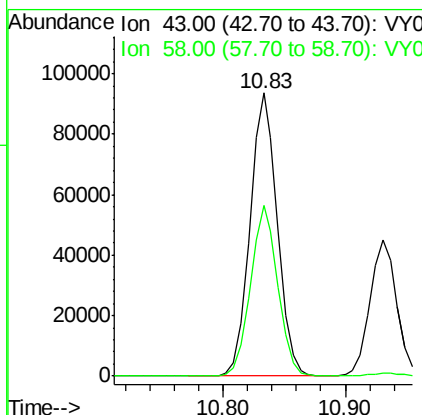
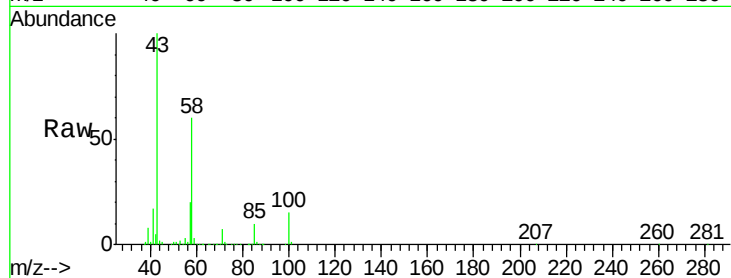
#59
2-Hexanone
Concen: 112.781 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion: 43 Resp: 145252
Ion Ratio Lower Upper
43 100
58 59.9 29.5 88.5

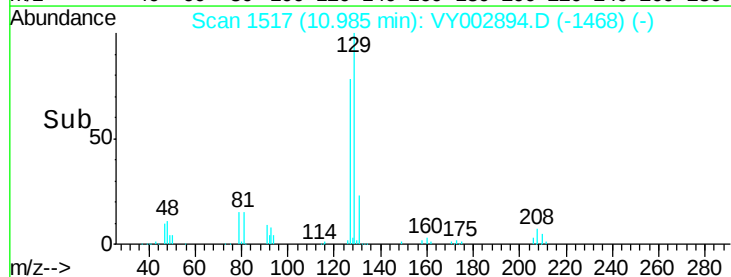
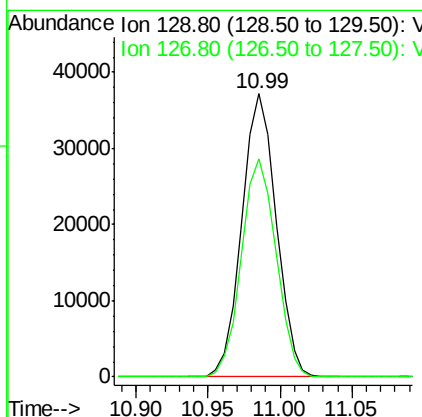
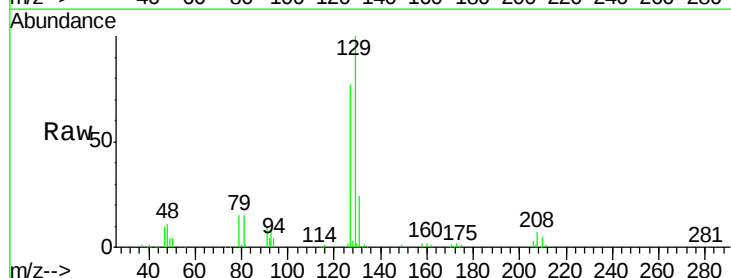
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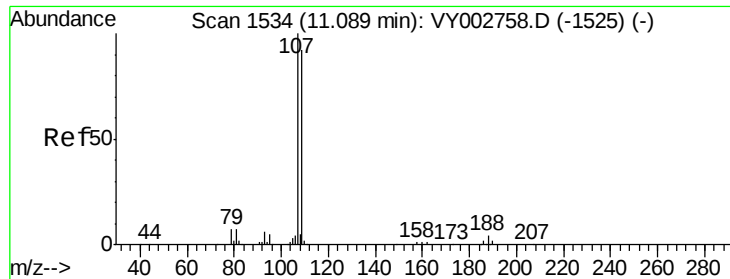
MMDadoda
6/16/2020 3:22:41 PM



#60
Dibromochloromethane
Concen: 22.639 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion: 129 Resp: 61480
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 22.312 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 107 Resp: 47145

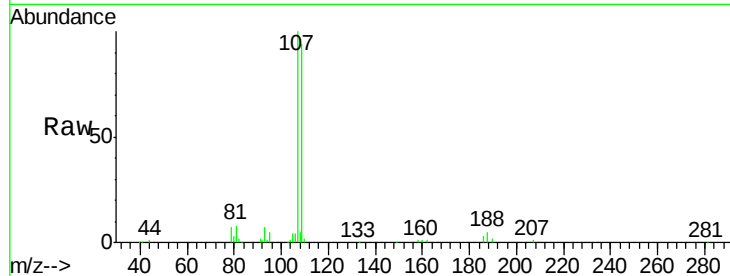
Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4

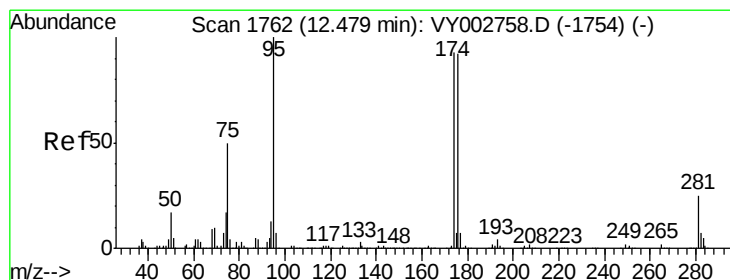
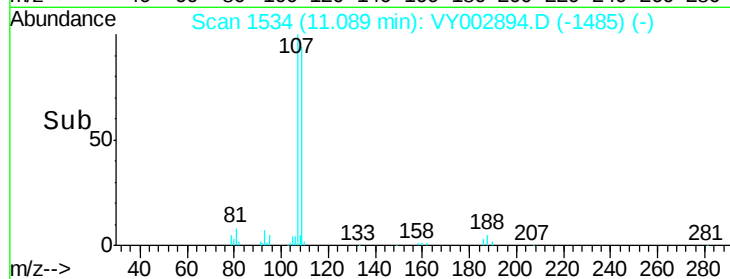
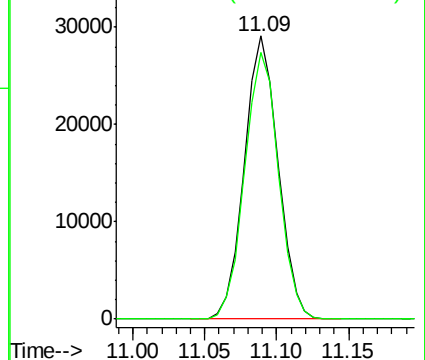
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.881 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

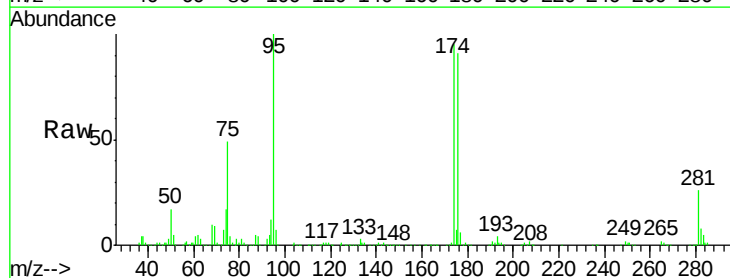
Tgt Ion: 95 Resp: 159428

Ion Ratio Lower Upper

95 100

174 98.3 0.0 191.2

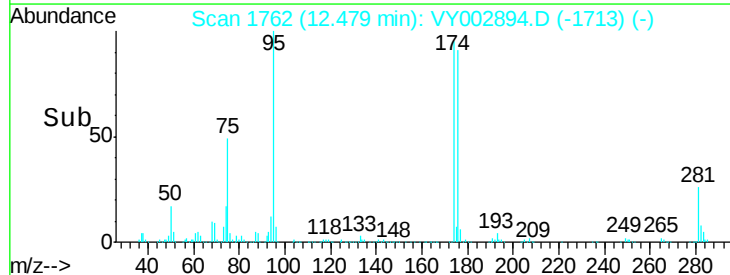
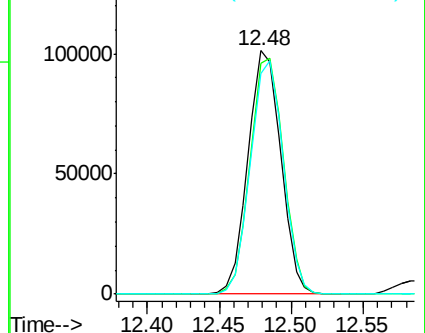
176 95.7 0.0 188.8

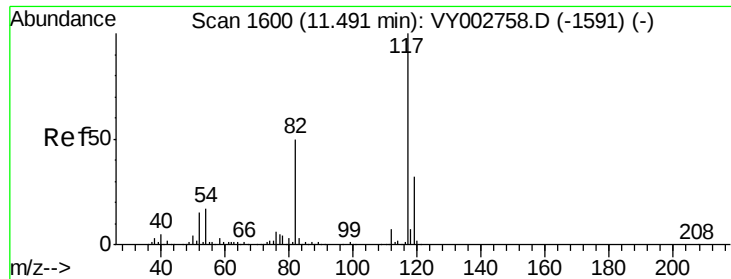


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





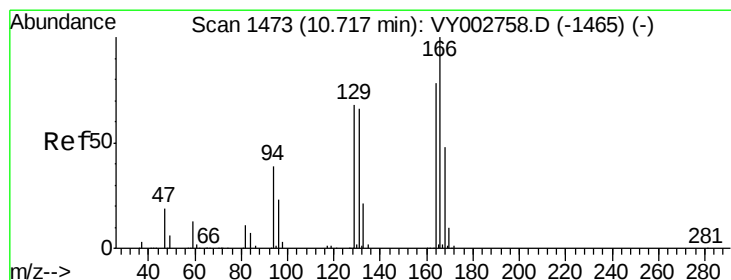
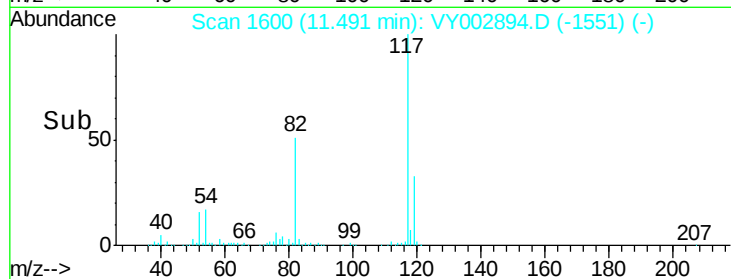
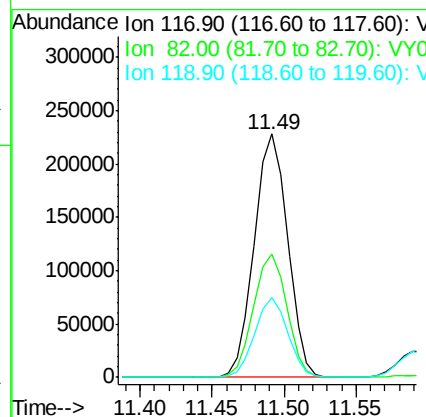
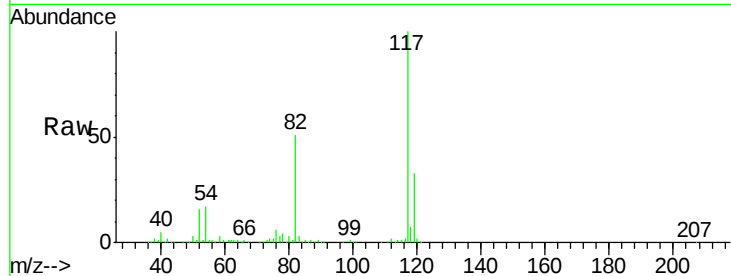
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	365961		
82	50.6		40.2	60.4
119	33.0		25.8	38.8

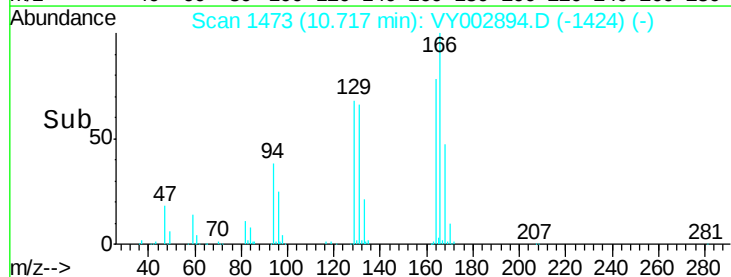
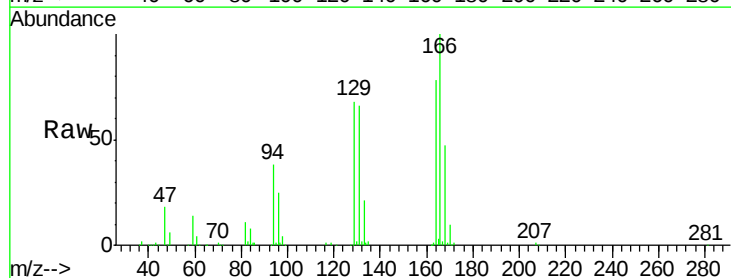
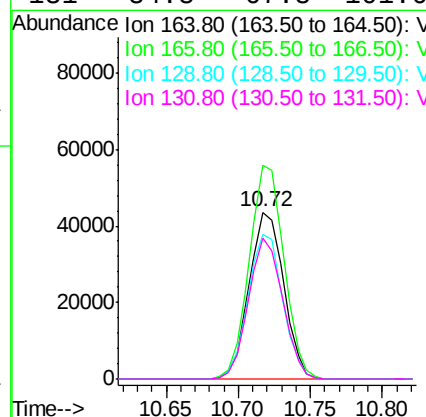
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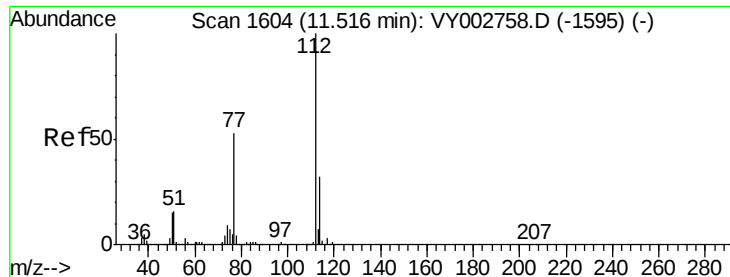
MMDadoda
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#64
Tetrachloroethene
Concen: 21.794 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72489		
166	128.3		102.3	153.5
129	87.0		69.4	104.2
131	84.8		67.8	101.6





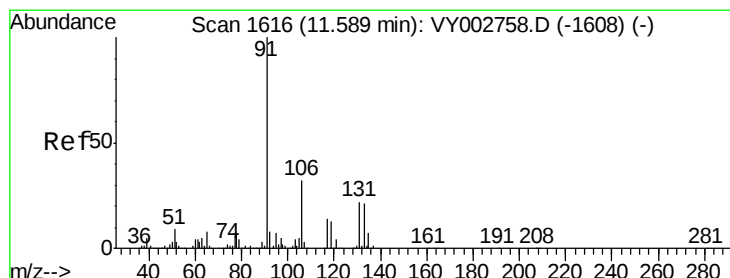
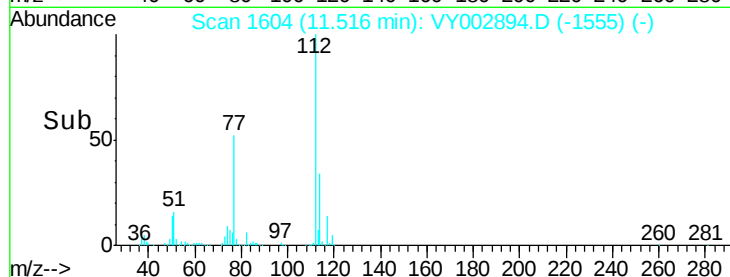
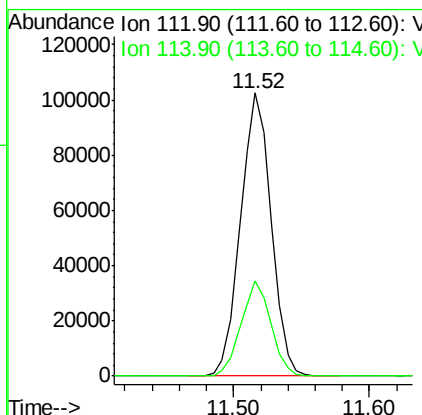
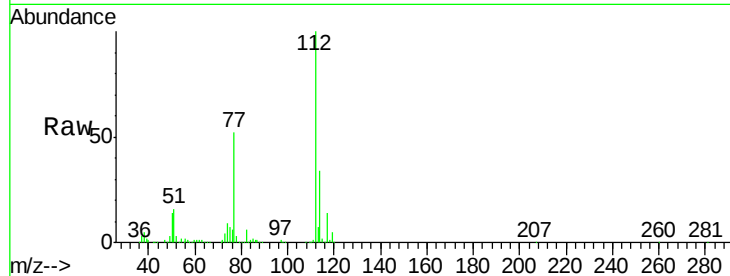
#65
Chlorobenzene
Concen: 22.245 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.9	25.7	38.5

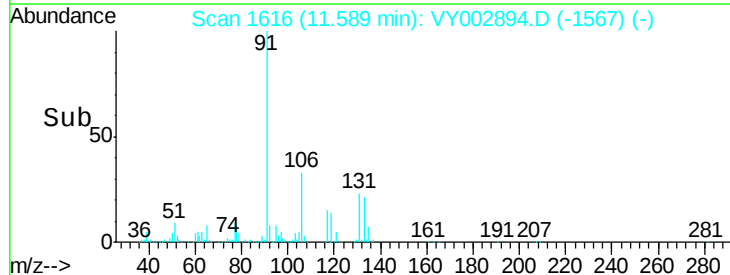
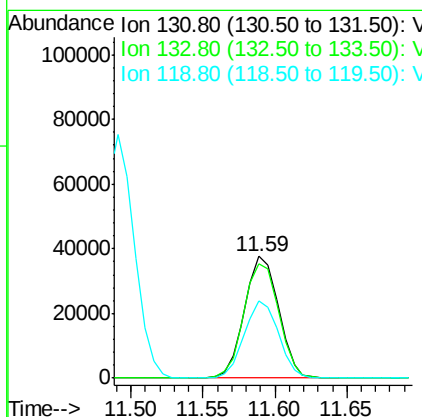
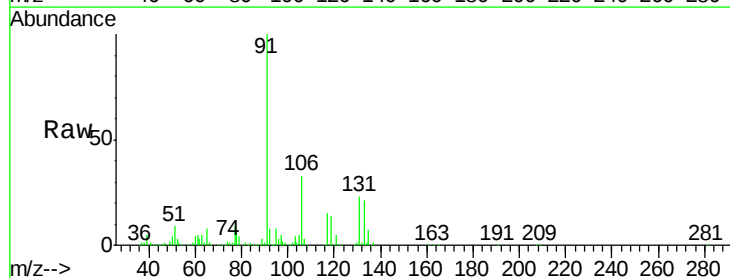
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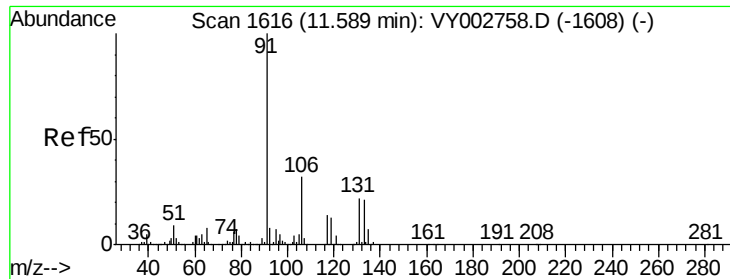
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.777 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.6	142.8
119	63.7	31.7	95.1





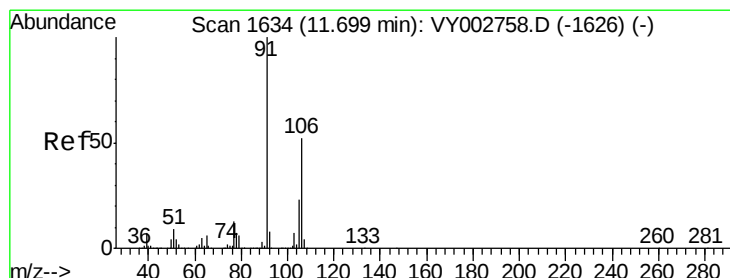
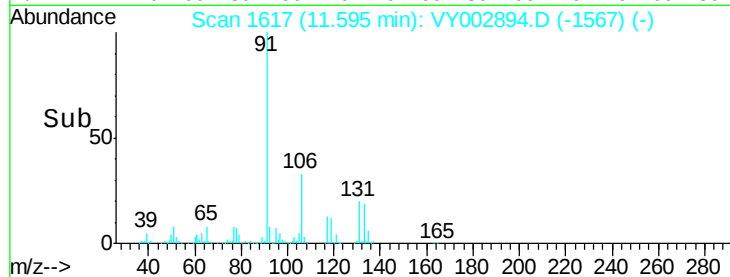
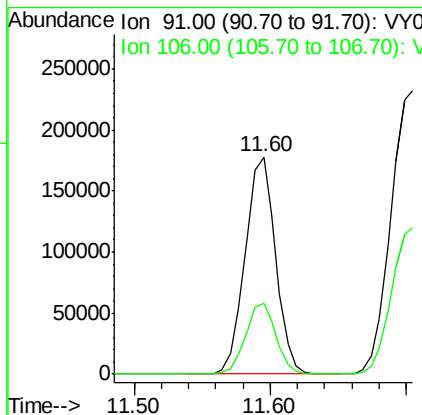
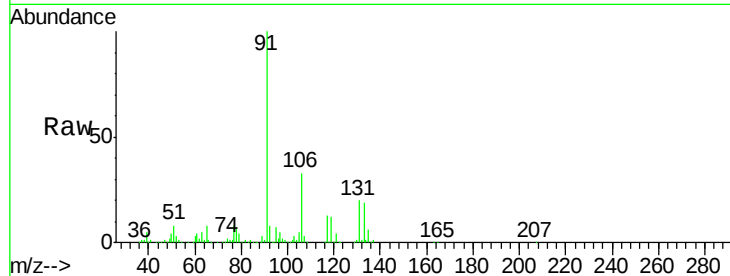
#67
Ethyl Benzene
Concen: 22.244 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion: 91 Resp: 278929
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5

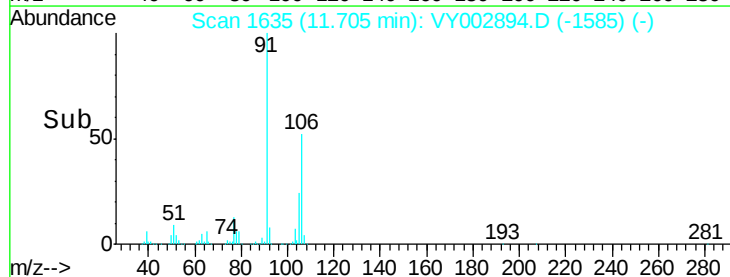
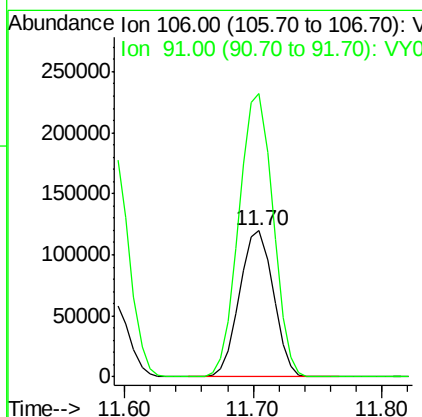
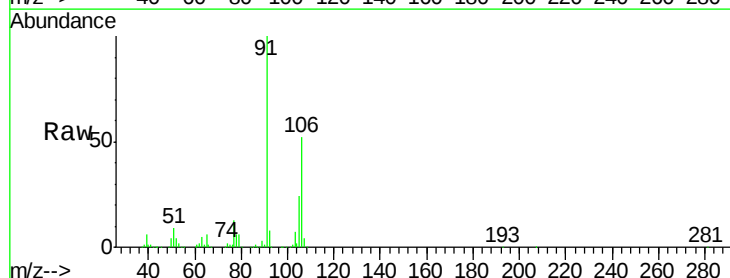
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#68
m/p-Xylenes
Concen: 45.051 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion: 106 Resp: 219030
Ion Ratio Lower Upper
106 100
91 195.1 156.0 234.0





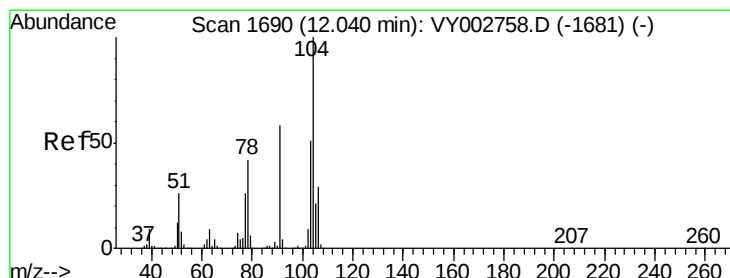
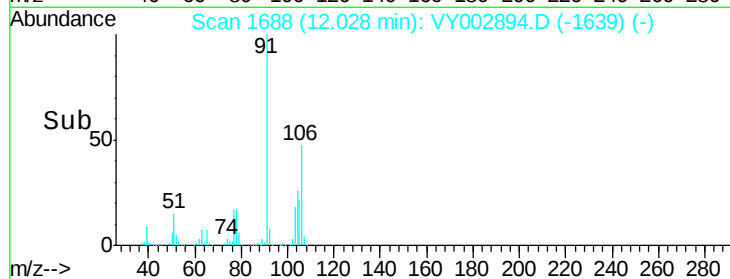
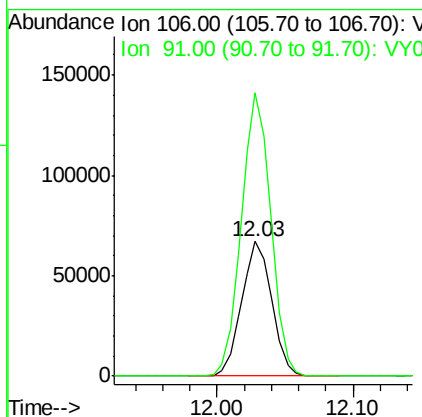
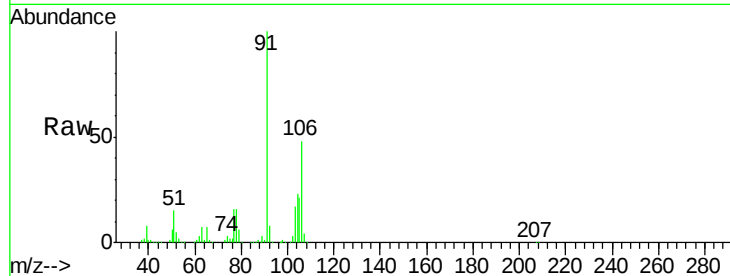
#69
o-Xylene
Concen: 22.598 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	205.5	102.4	307.1

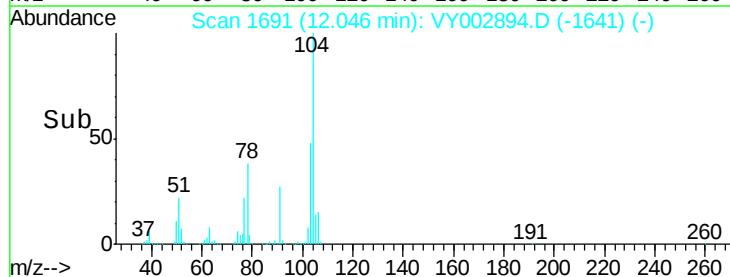
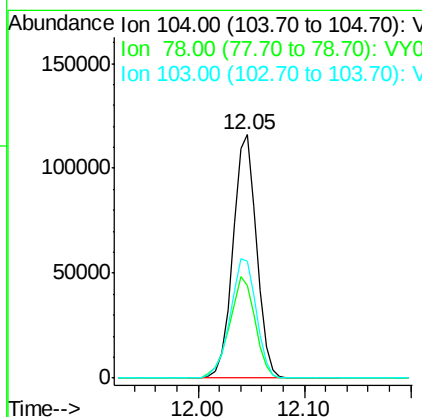
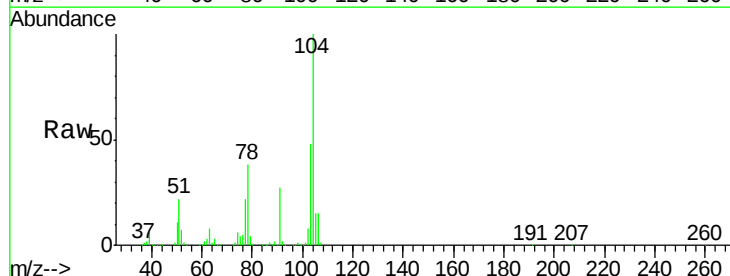
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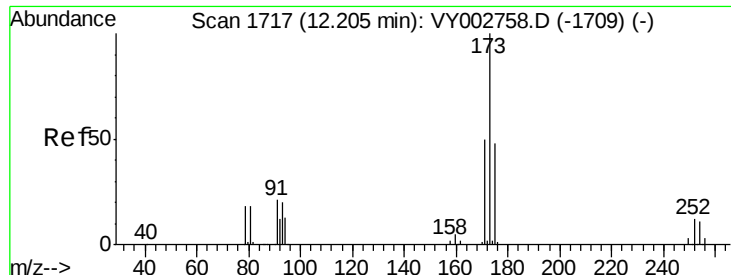
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#70
Styrene
Concen: 22.674 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.3	36.2	54.4
103	103	54.1	43.6	65.4





#71

Bromoform

Concen: 23.256 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion:173 Resp: 42391

Ion Ratio Lower Upper

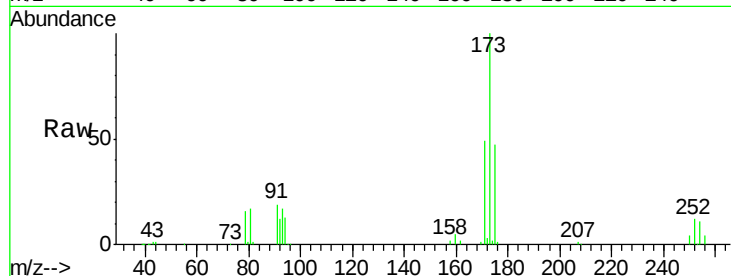
173 100

175 49.7 24.3 72.8

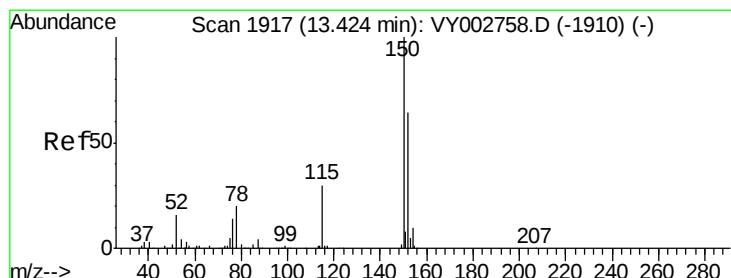
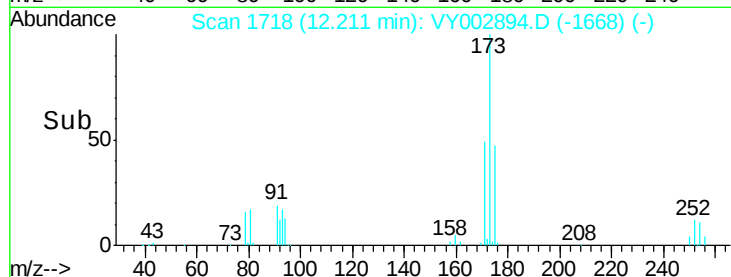
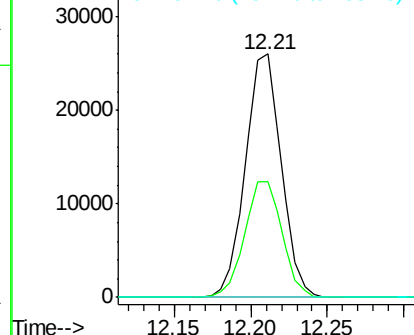
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

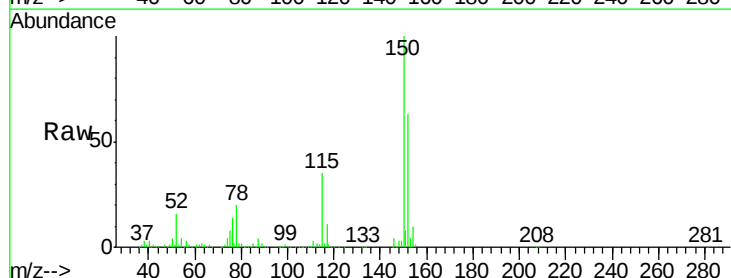
Tgt Ion:152 Resp: 204673

Ion Ratio Lower Upper

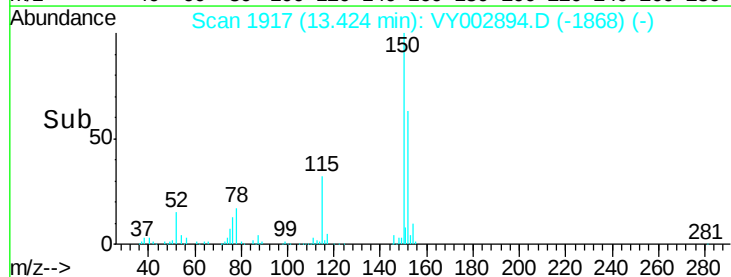
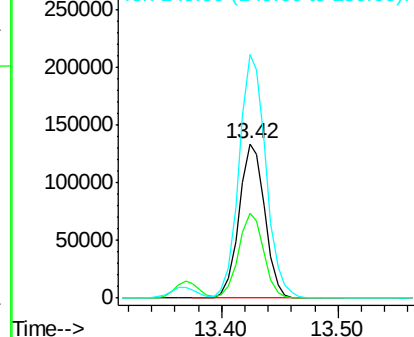
152 100

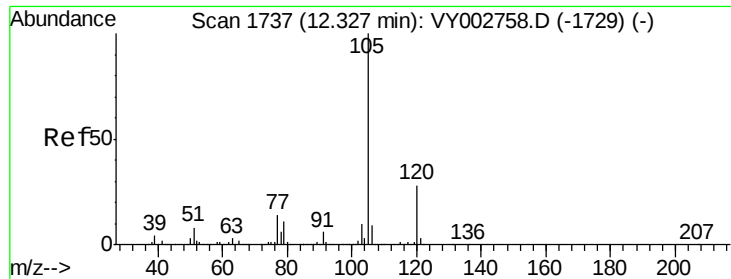
115 54.0 27.0 81.0

150 165.0 0.0 344.8



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





#73

Isopropylbenzene

Concen: 21.871 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion:105 Resp: 286870

Ion Ratio Lower Upper

105 100

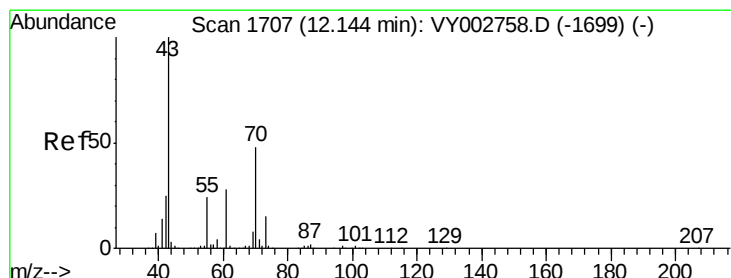
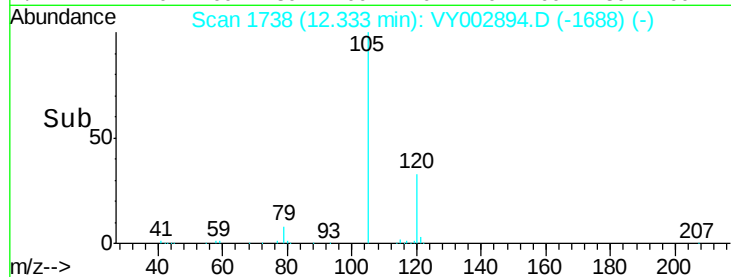
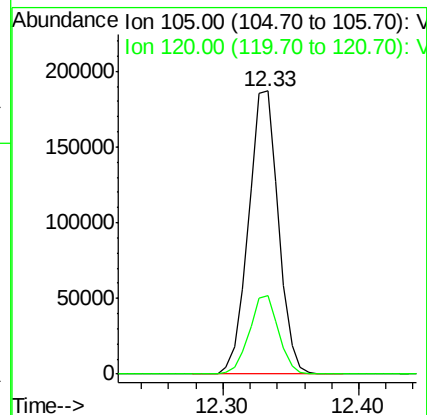
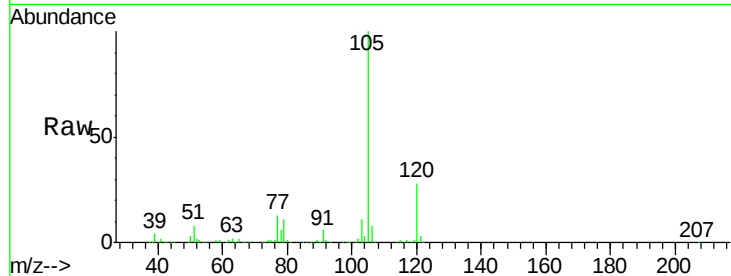
120 27.2 13.7 41.1

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#74

N-ethyl acetate

Concen: 21.493 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion: 43 Resp: 72331

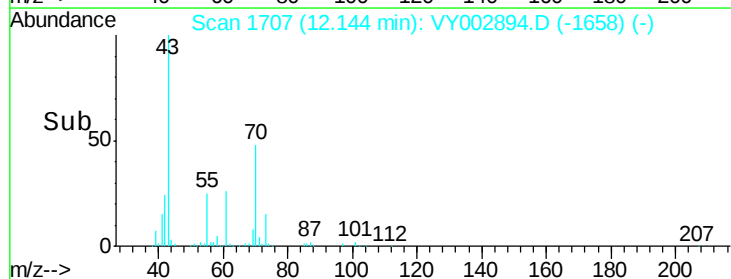
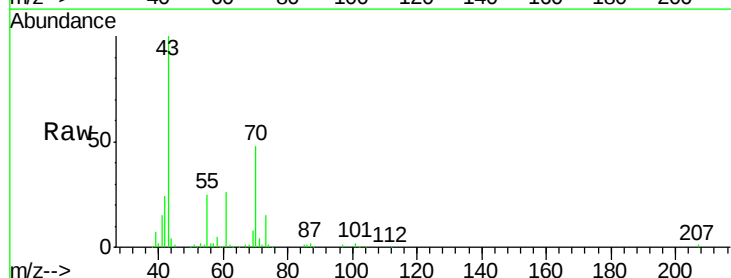
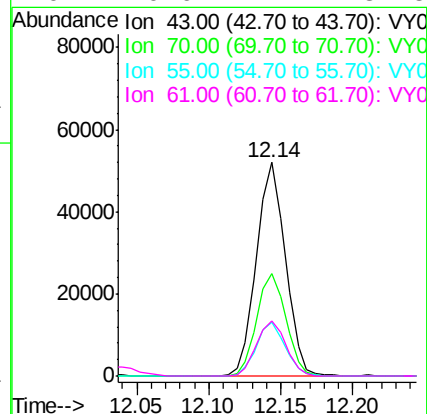
Ion Ratio Lower Upper

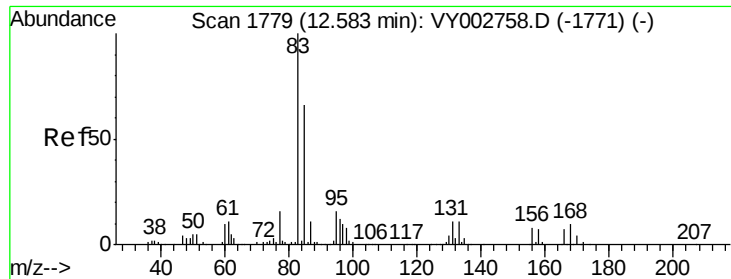
43 100

70 48.4 37.7 56.5

55 25.1 19.8 29.6

61 26.6 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.701 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

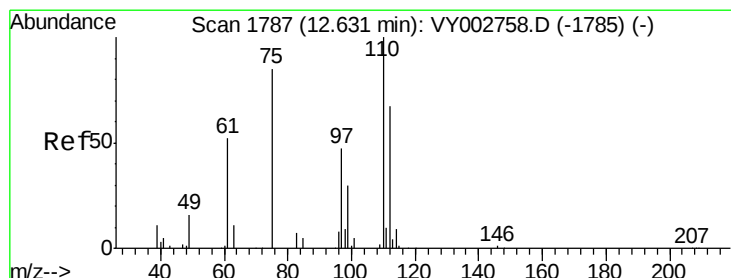
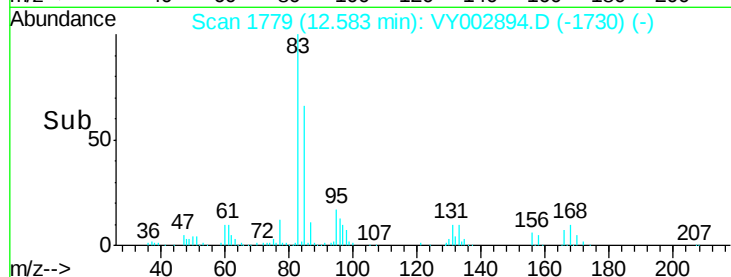
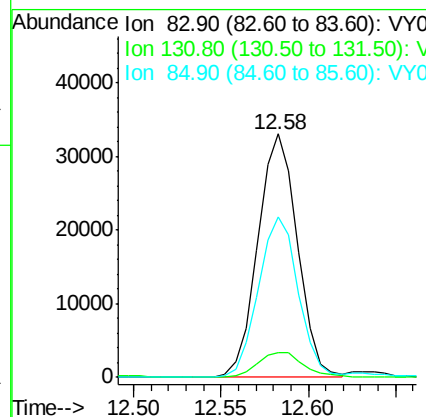
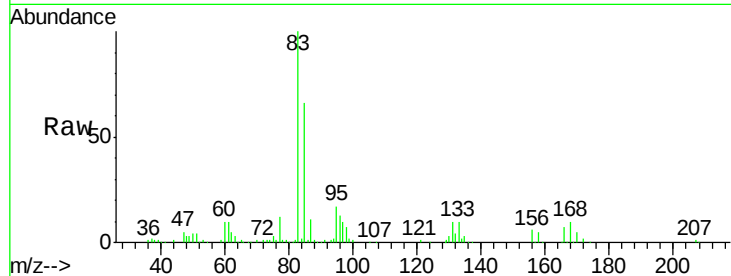
ClientSampleId :

VY0615SBS01

Tot Ion:	83	Resp:	52243
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.8	17.4
85	66.6	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 22.909 ug/l m

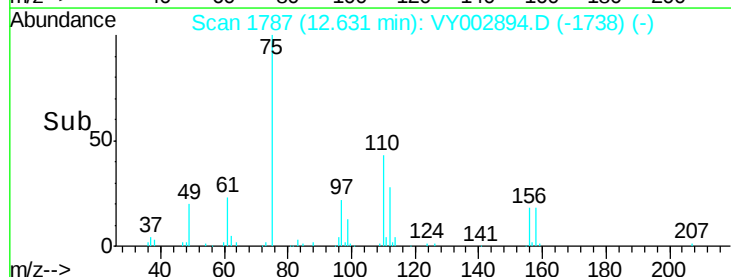
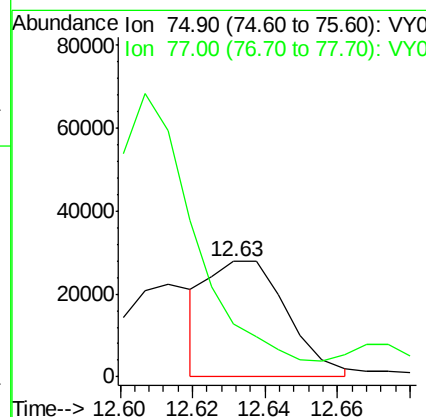
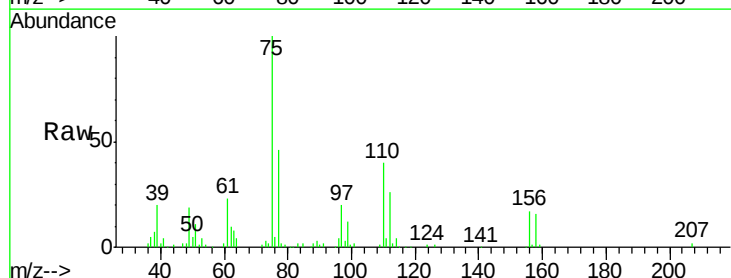
RT: 12.63 min Scan# 1787

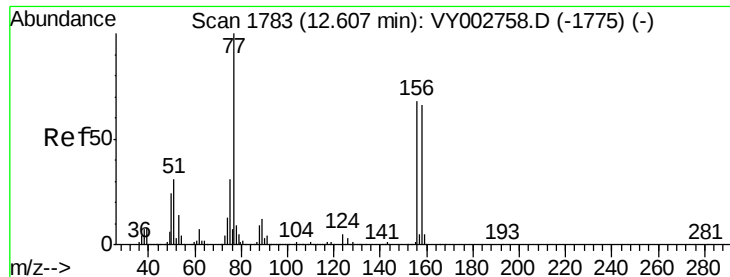
Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion:	75	Resp:	42250
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.583 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

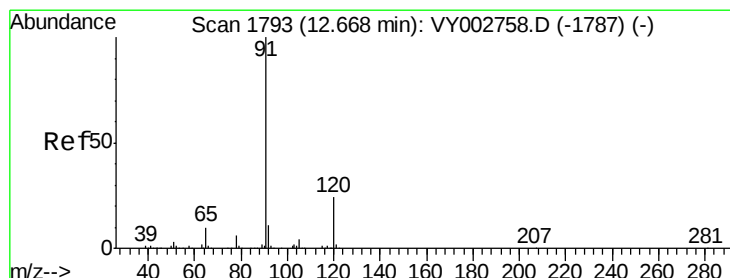
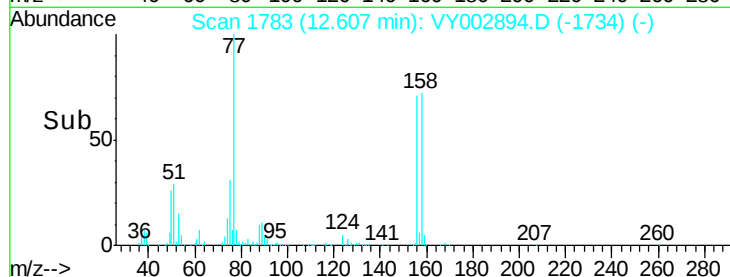
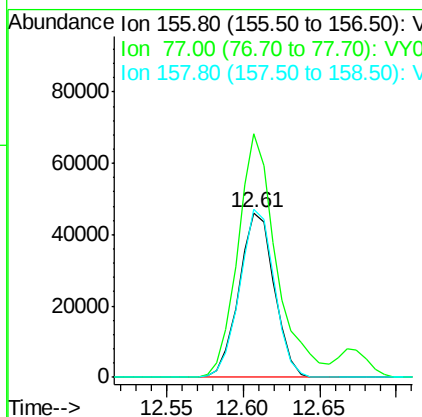
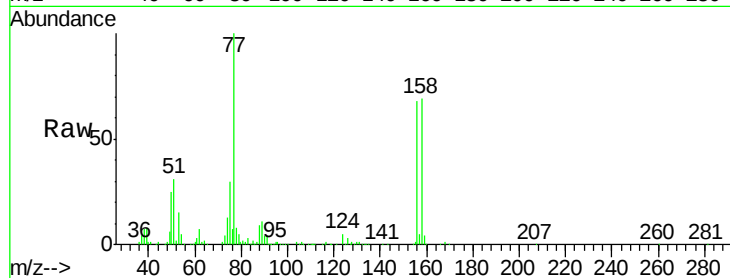
ClientSampleId :

VY0615SBS01

Tot Ion:	156	Resp:	73712
Ion	Ratio	Lower	Upper
156	100		
77	162.5	81.4	244.2
158	100.2	48.5	145.6

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#78

n-propylbenzene

Concen: 21.744 ug/l

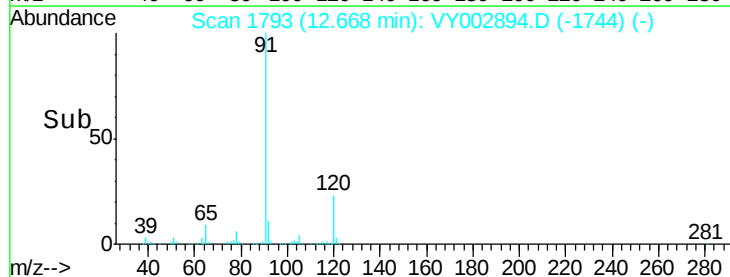
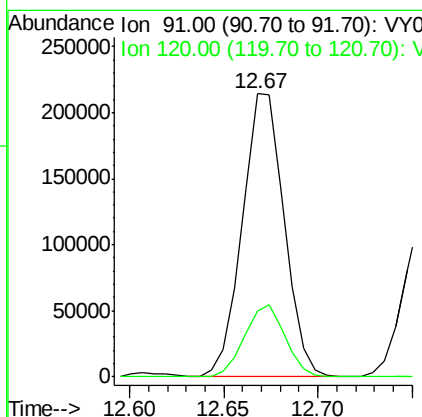
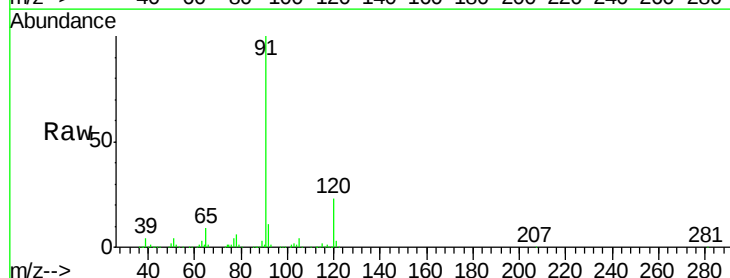
RT: 12.67 min Scan# 1793

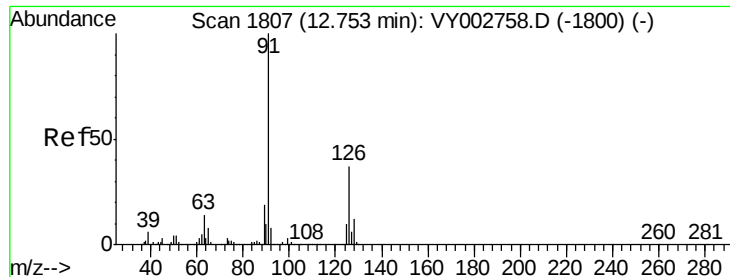
Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion:	91	Resp:	329442
Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.9





#79

2-Chlorotoluene

Concen: 21.666 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 91 Resp: 184138

Ion Ratio Lower Upper

91 100

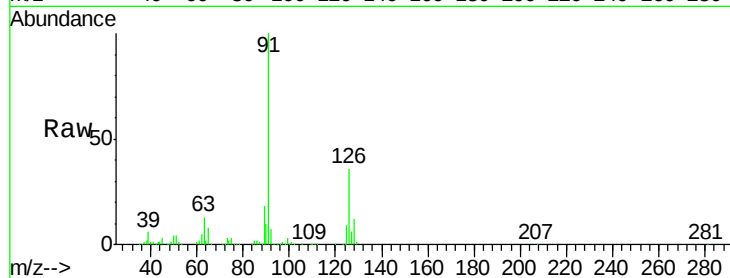
126 37.0 18.4 55.4

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Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY002758.D (-1800) (-)

250000

200000

150000

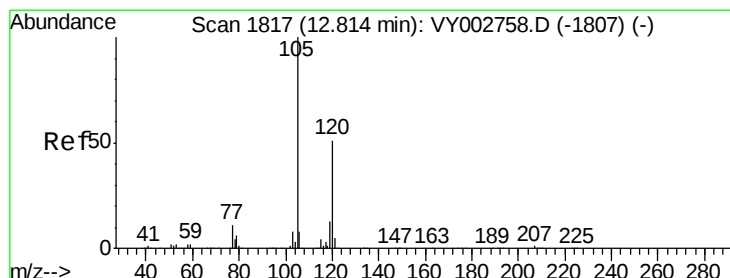
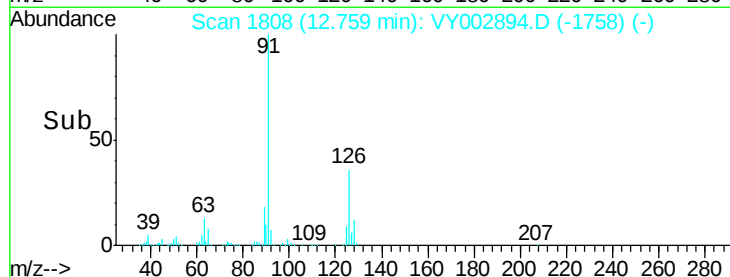
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.115 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002894.D

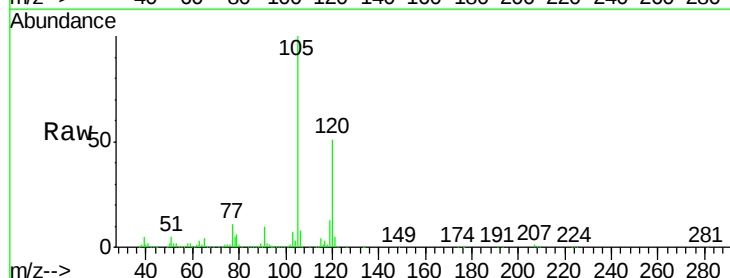
Acq: 15 Jun 2020 11:13

Tgt Ion: 105 Resp: 242191

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002758.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1807) (-)

150000

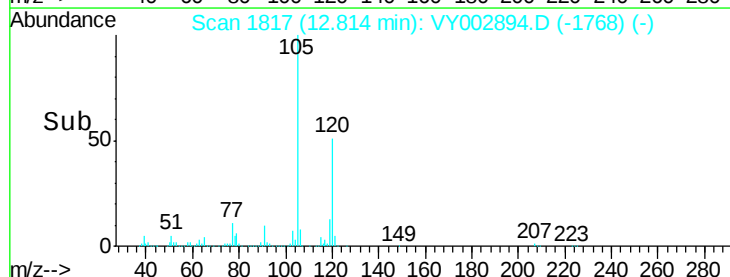
100000

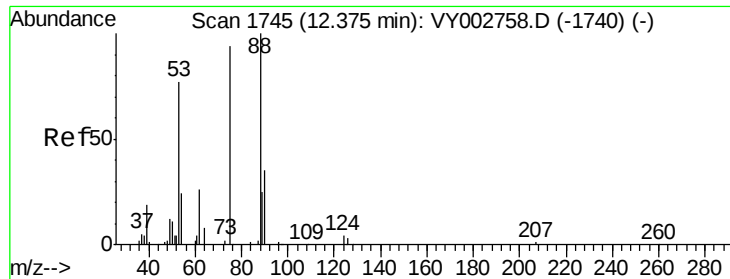
50000

0

12.80 12.81 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 22.378 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

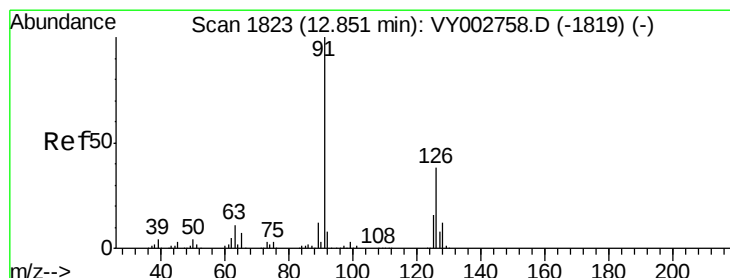
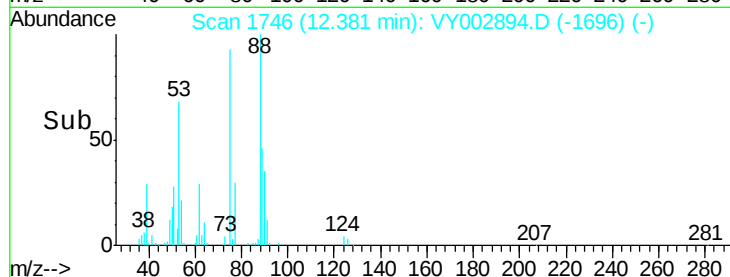
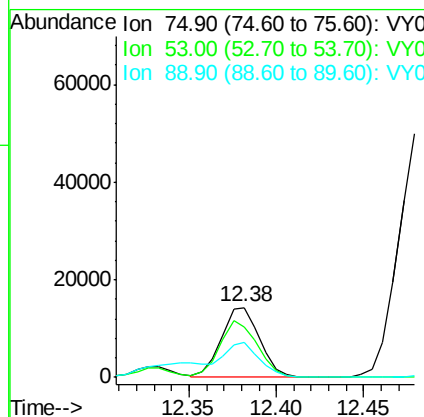
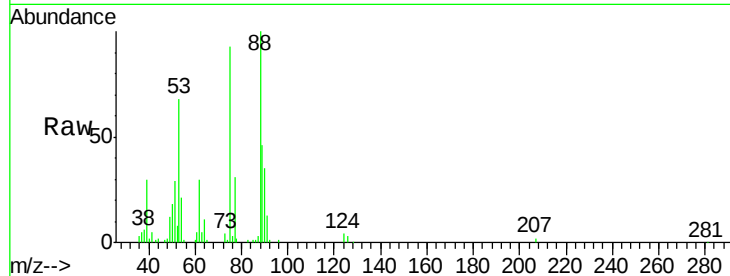
ClientSampleId :

VY0615SBS01

Tot Ion:	75	Resp:	21906
Ion	Ratio	Lower	Upper
75	100		
53	79.1	64.0	96.0
89	44.5	37.4	56.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.959 ug/l

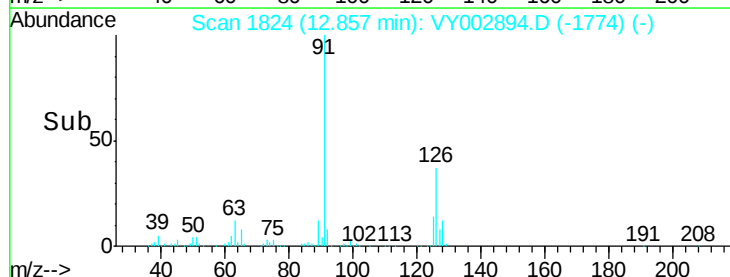
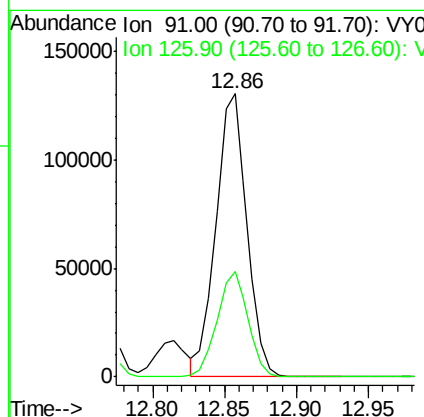
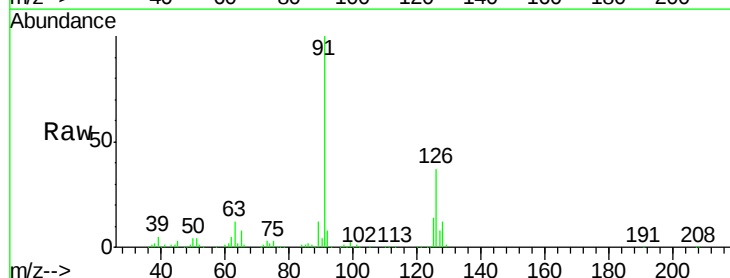
RT: 12.86 min Scan# 1824

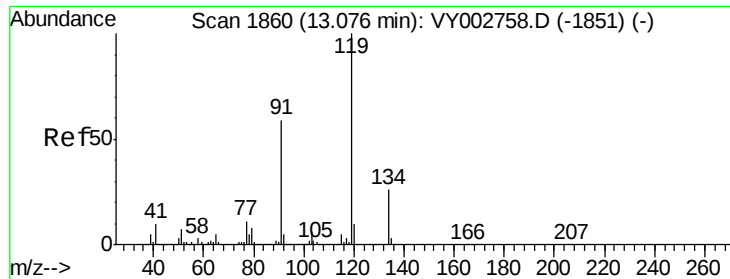
Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion:	91	Resp:	195528
Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.5	55.5





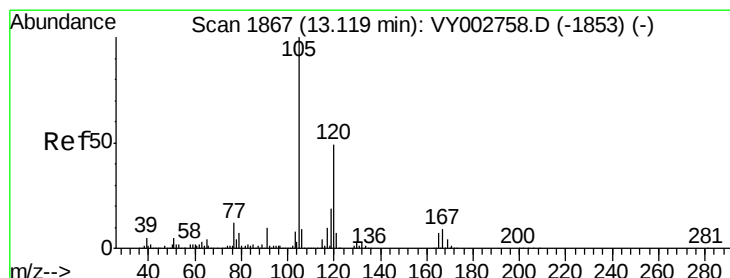
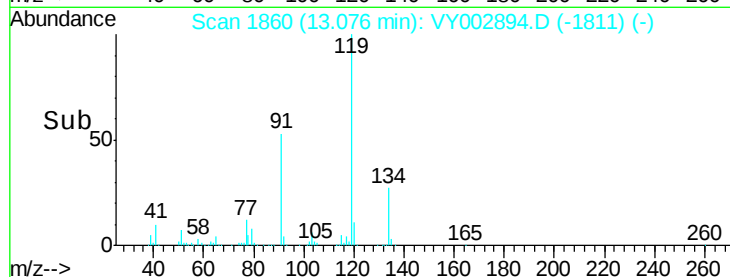
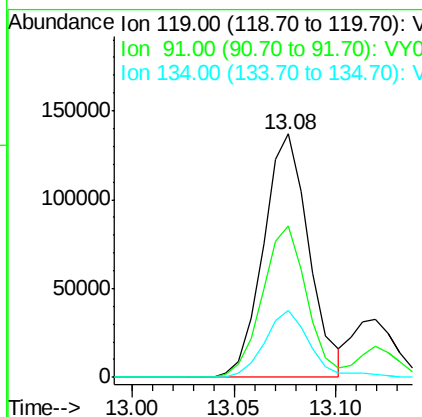
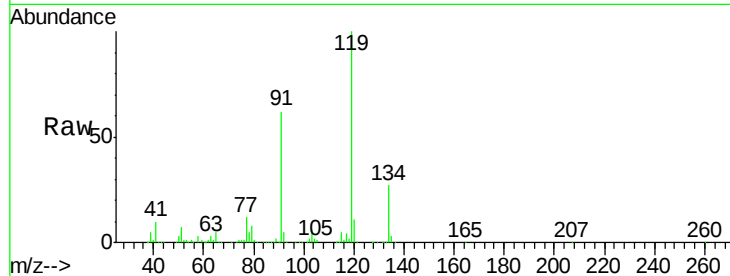
#83
tert-Butylbenzene
Concen: 21.836 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	213317		
91	60.2	29.8	89.4	
134	27.5	13.3	39.8	

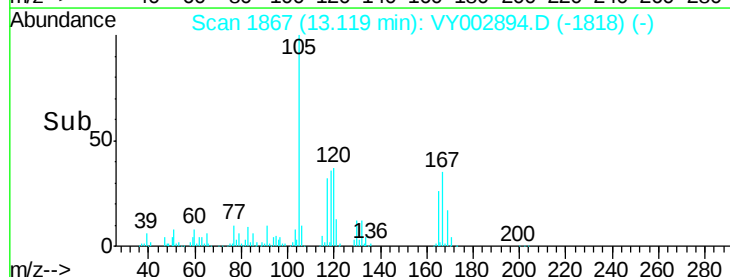
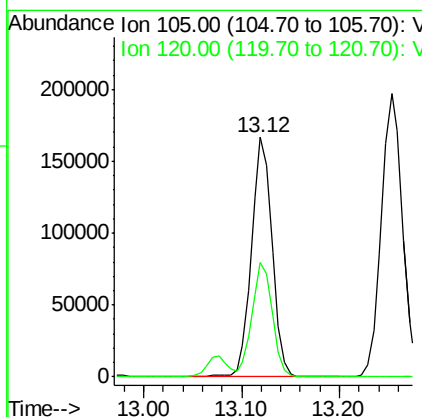
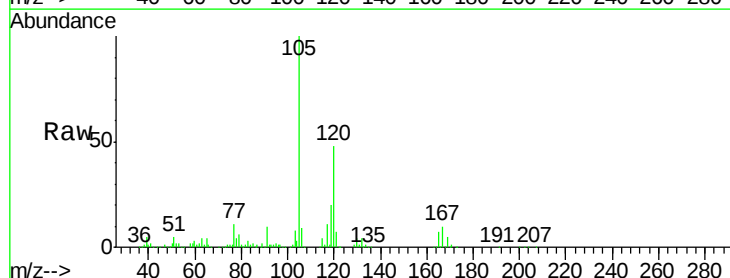
Manual Integrations
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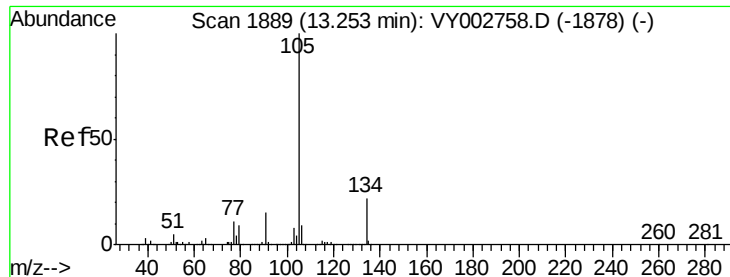
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#84
1,2,4-Trimethylbenzene
Concen: 22.114 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243516		
120	46.7	23.6	70.8	





#85

sec-Butylbenzene

Concen: 22.014 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion:105 Resp: 294040

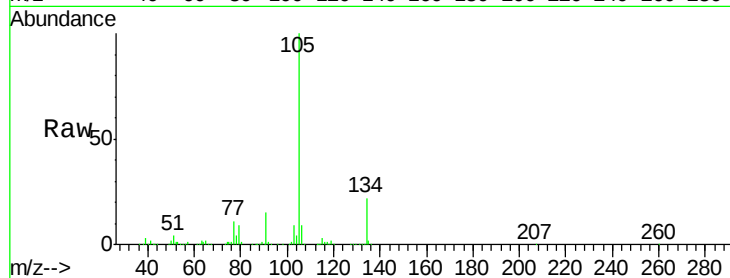
Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4

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

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

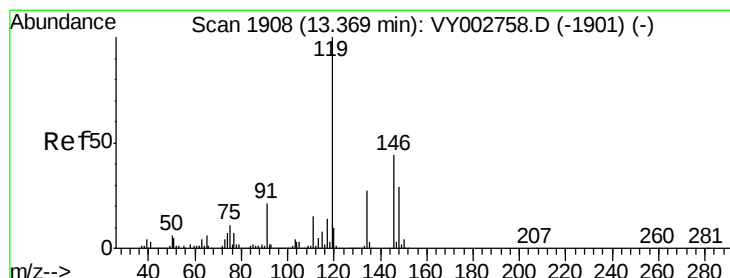
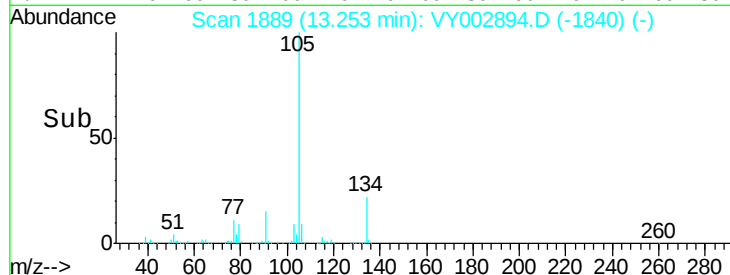
50000

0

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 22.071 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

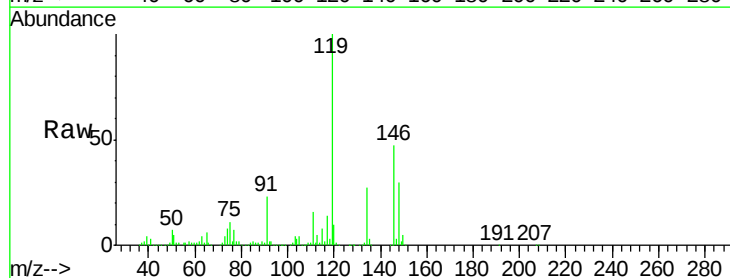
Tgt Ion:119 Resp: 274308

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

91 21.8 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

250000

200000

150000

100000

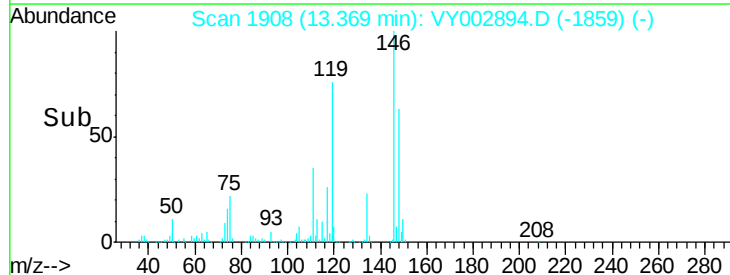
50000

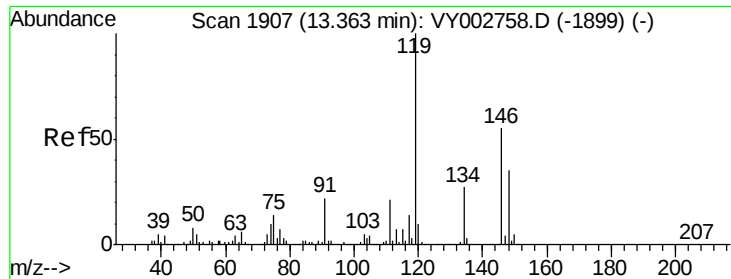
0

13.37

13.40

Time-->





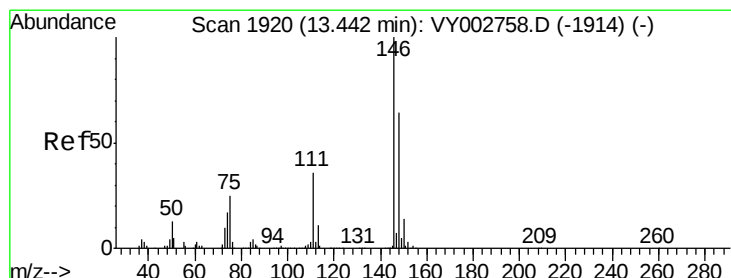
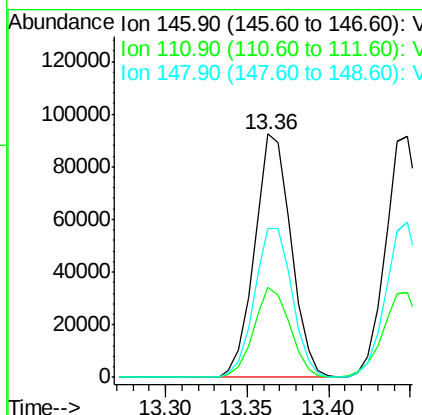
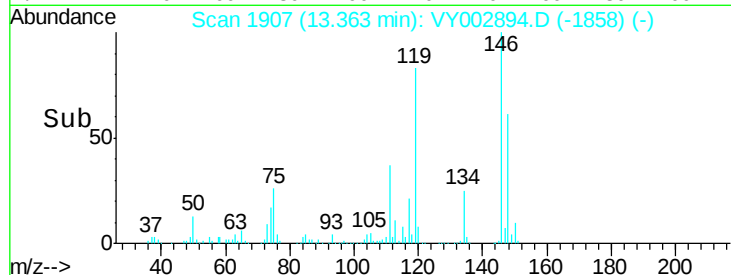
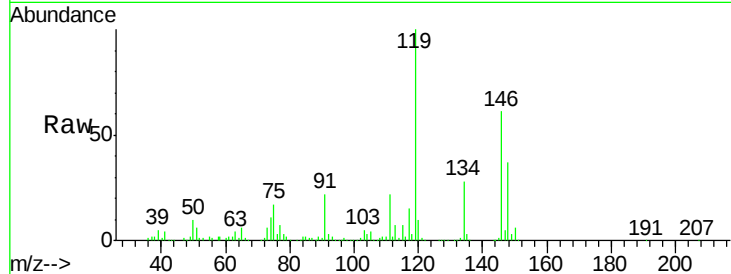
#87
 1,3-Dichlorobenzene
 Concen: 22.086 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	142880		
111	36.6	18.4	55.0	
148	63.5	31.9	95.7	

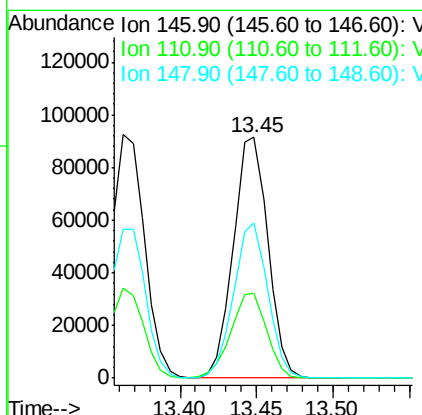
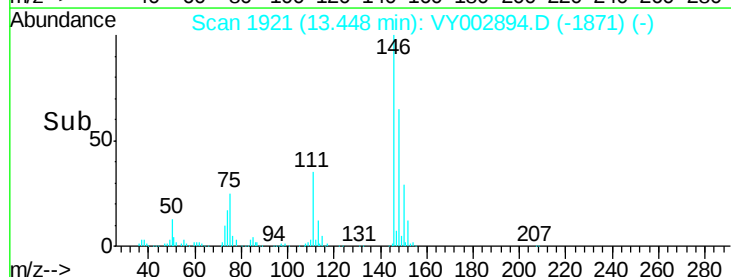
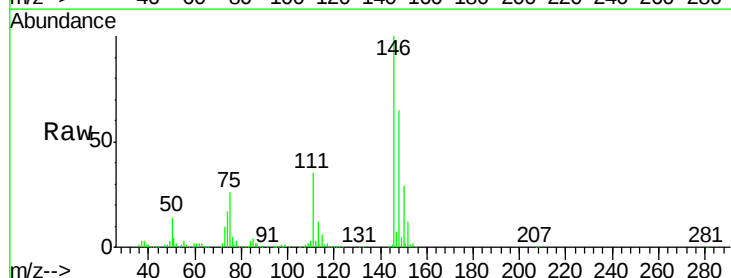
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 22.203 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143683		
111	37.0	18.1	54.3	
148	63.7	32.1	96.3	





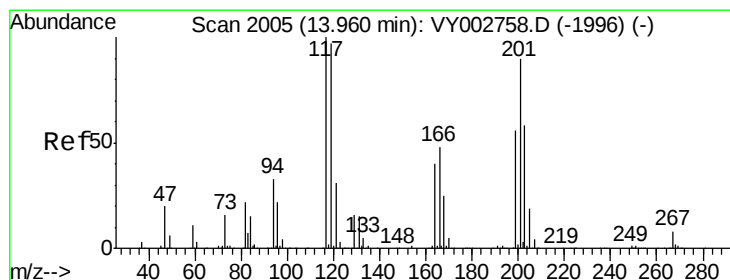
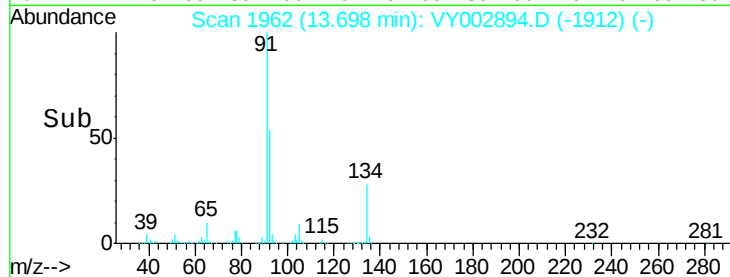
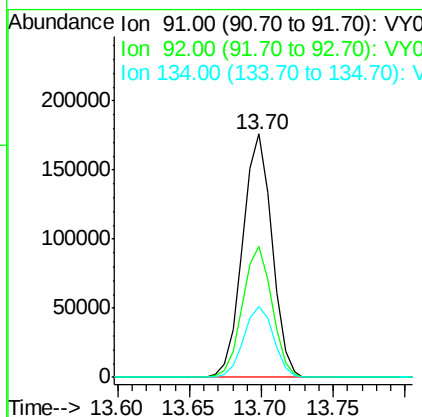
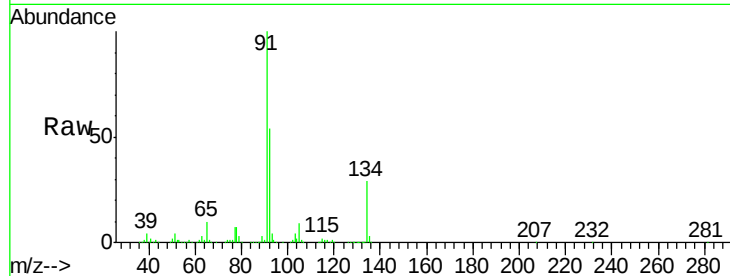
#89
n-Butylbenzene
Concen: 22.020 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	248476		
92	54.0		27.1	81.2
134	29.6		14.3	42.9

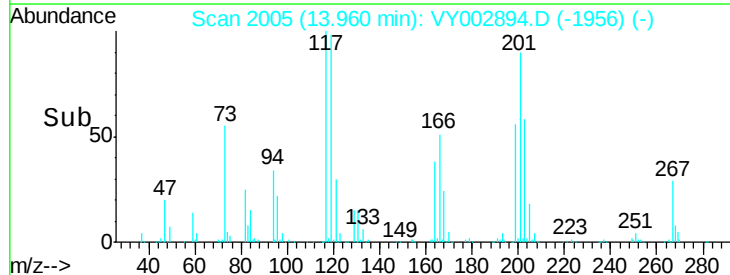
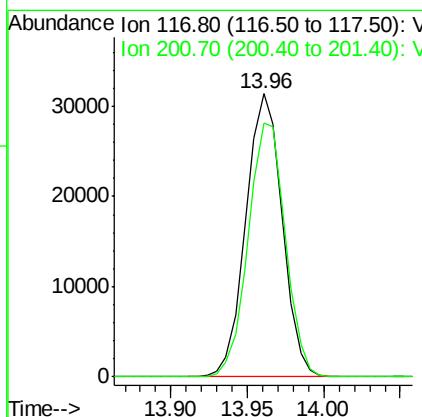
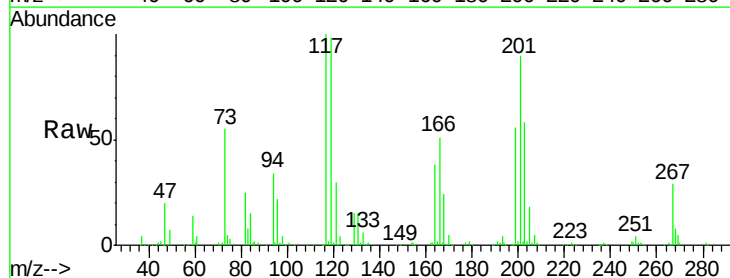
Manual Integrations
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#90
Hexachloroethane
Concen: 22.280 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51840		
201	91.6		43.9	131.6





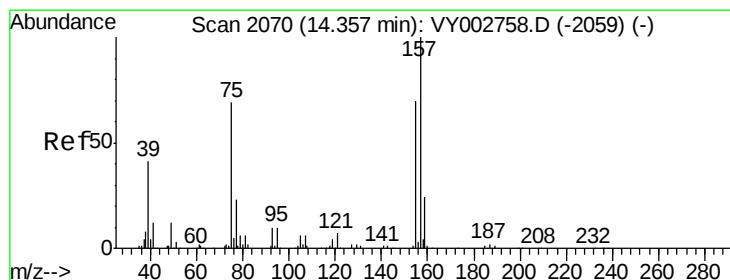
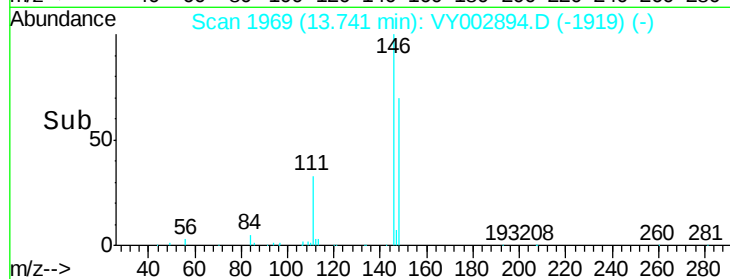
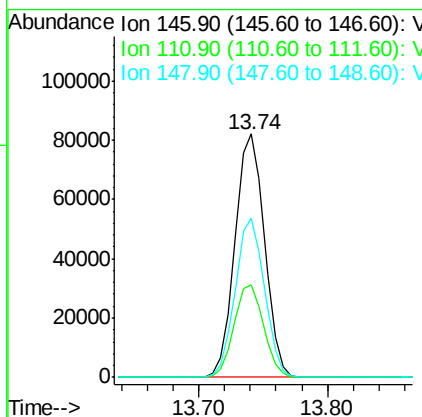
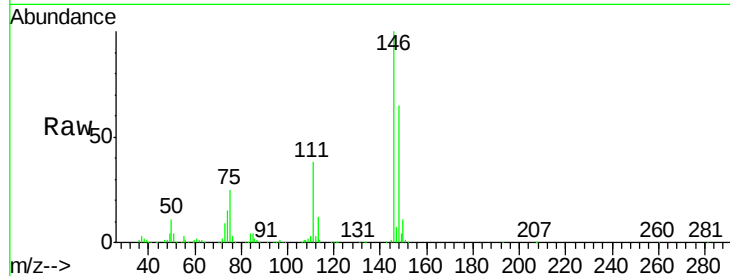
#91
 1,2-Dichlorobenzene
 Concen: 22.238 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.6	31.9	95.5

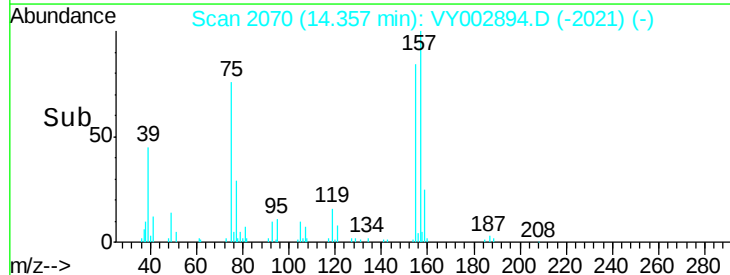
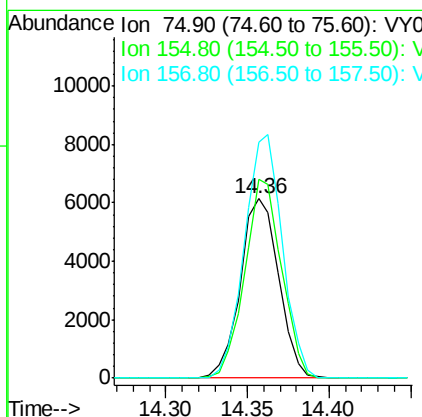
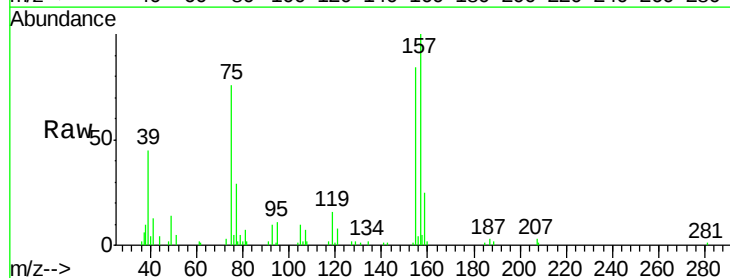
Manual Integrations
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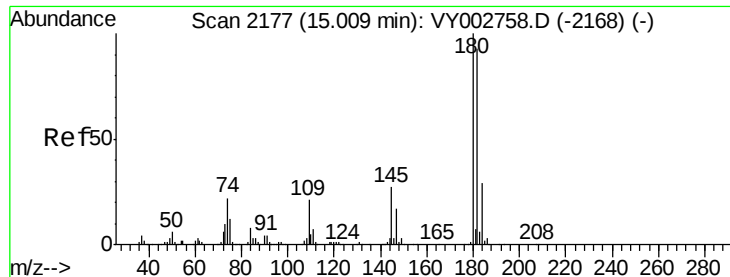
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.748 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.1	53.5	160.5
157	133.5	69.9	209.7





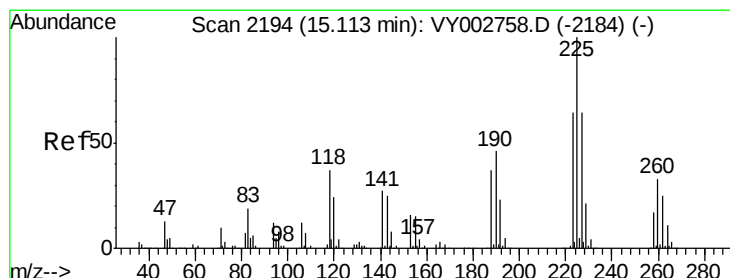
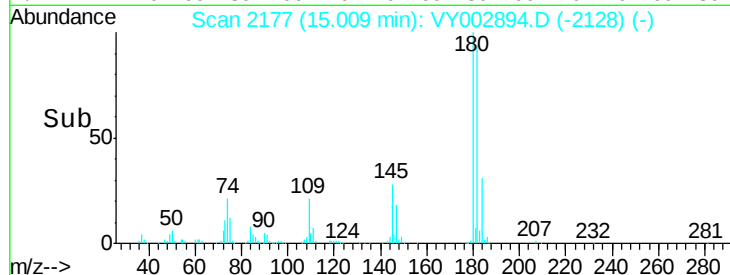
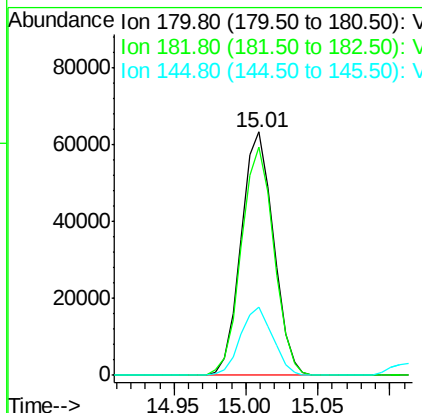
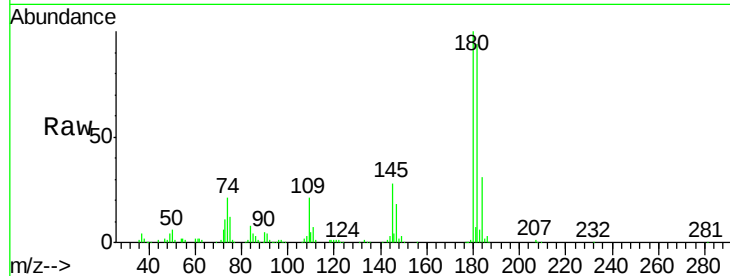
#93
 1,2,4-Trichlorobenzene
 Concen: 22.309 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.9
145	28.0	14.1	42.3

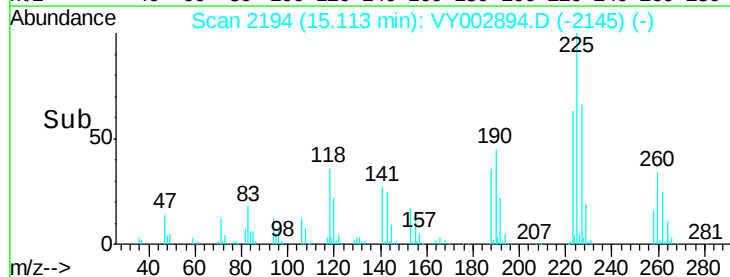
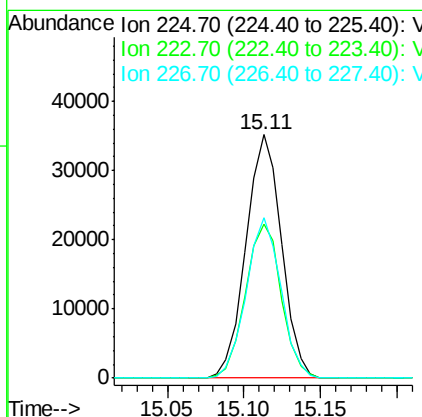
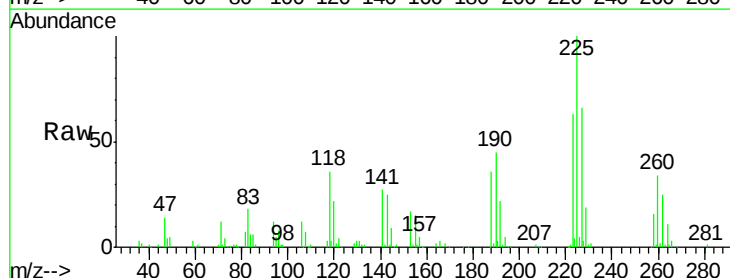
Manual Integrations
 APPROVED

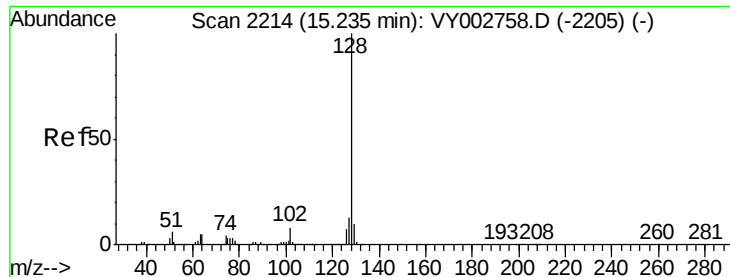
MMDadoda
 6/16/2020 3:22:41 PM



#94
 Hexachlorobutadiene
 Concen: 22.662 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	95.0
227	64.2	32.3	96.9





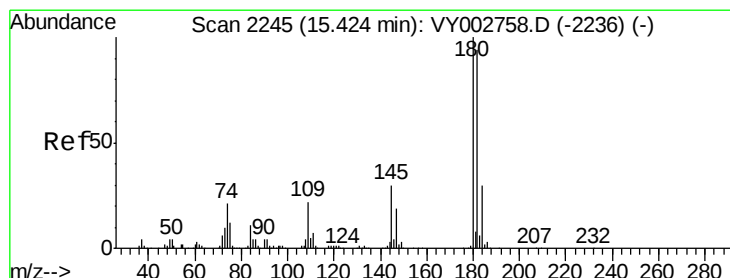
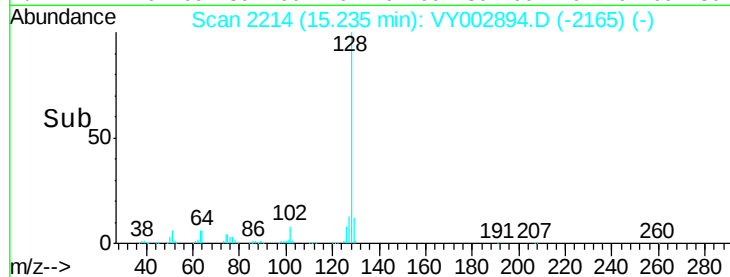
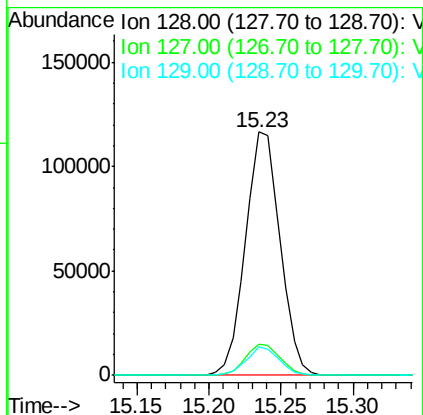
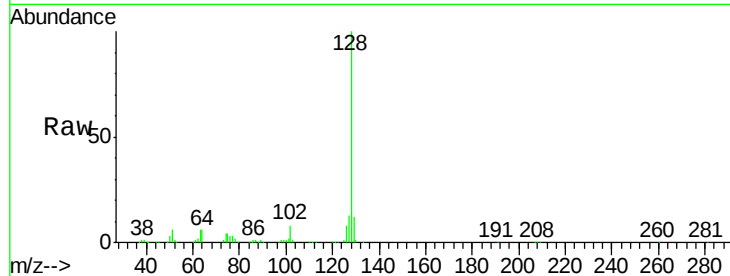
#95
Naphthalene
Concen: 21.814 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:22:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.288 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	48.1	144.4
145	30.4	15.1	45.3

